Illustrated Parts Manual

Models
3706PS, 3707PS,
4014PS, 4017PS

Agrovector
33.7, 37.6, 37.7

3706PS, 3707PS & 4014PS
SN 1160006593 to Present

4017PS
SN 1160006867 to Present including
1160006594, 1160006604, 1160006748,
1160006752, 1160006755, 1160006756

31200722

Revised
April 19, 2018 - Rev Q

An Oshkosh Corporation Company

EFFECTIVITY PAGE

December 4, 2012 - A - Original Issue of Manual

February 26, 2013 - B - Revised Manual

May 29, 2013 - C - Revised Manual

July 30, 2013 - D - Revised Manual

September 27, 2013 - E - Revised Manual

January 31, 2013 - F - Revised Manual

November 14, 2014 - G - Revised Manual

June 22, 2015 - H - Revised Manual

April 1, 2016 - I - Revised Manual

May 31, 2016 - J - Revised Manual

August 23, 2016 - K - Revised Manual

November 30, 2016 - L - Revised Manual

March 1, 2017 - M - Revised Manual

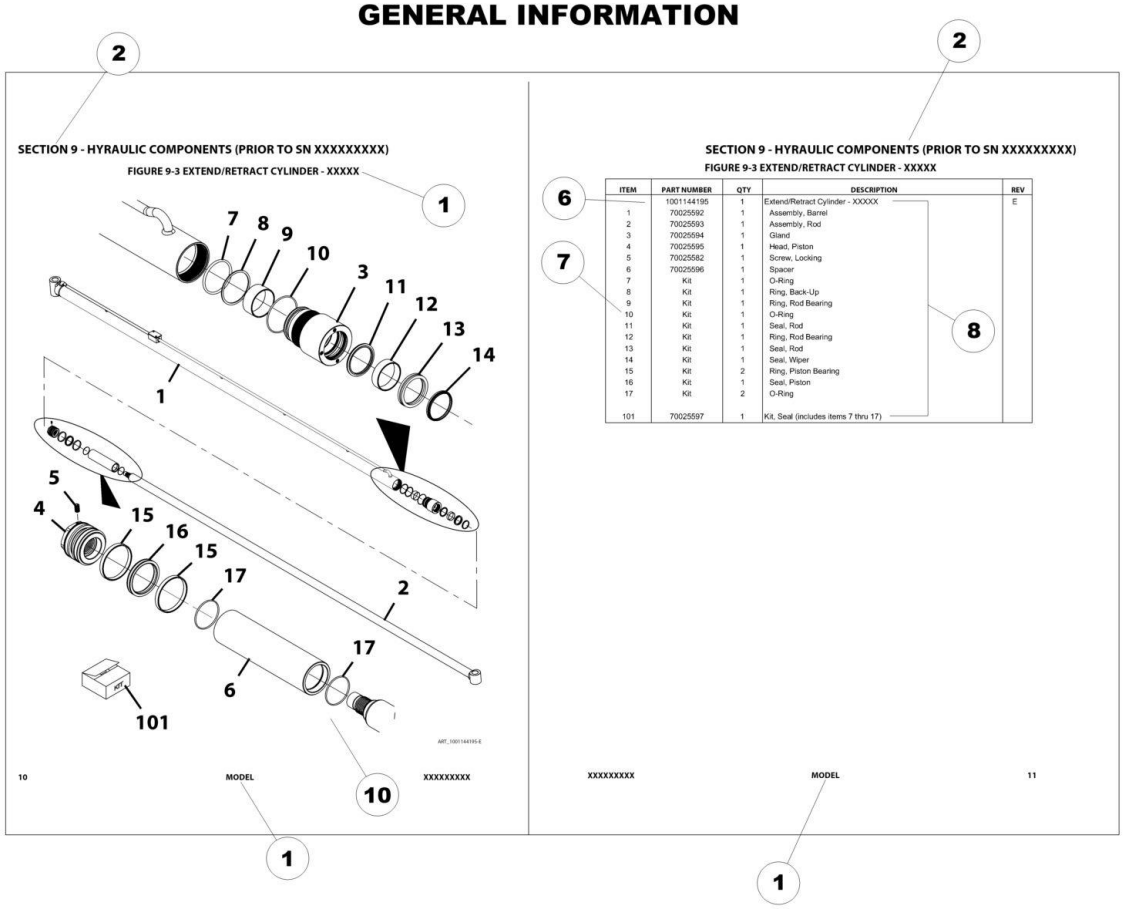
May 19, 2017 - N - Revised Manual

September 14, 2017 - O - Revised Manual

December 15, 2017 - P - Revised Manual

April 19, 2018 - Q - Revised Rev 1

GENERAL INFORMATION



1) MACHINE IDENTIFICATION

Machines are identified by model and in some cases a combination of models, serial number (SN) or regional standard (e.g. ANSI, CE, CSA, AUS). Components may also be identified by SN or manufacturer. Common components that may be identified by these characteristics are attachments, engine, transmission and hydraulic components.

2) PARTS MANUAL ORGANIZATION

Product information in this manual is organized under section titles. Frame, Engine and Electrical are a few examples. Each section is organized by Figure and page number. The information within the Figure is then organized by item number, part number, description and corresponding illustration(s).

3) TABLE OF CONTENTS (NOT SHOWN)

A table of contents (TOC) is found toward the beginning of the manual. Figure number, description and page number are provided for quick reference to the page containing the related information.

4) RECOMMENDED SPARE PARTS (NOT SHOWN)

The Recommended Spare Parts List, located near the end of the manual, reference most frequently used maintenanceparts.

5) PART NUMBER INDEX (NOT SHOWN)

A numerical index listing all part numbers and the corresponding page number(s) appears at the back of the manual.

6) NON-SERVICED PARTS

In some instances, it is necessary to display non-serviced parts, assemblies or installations. In the case of assemblies and installations there will be a Ref in the QTY column and a note after the item description stating what is available for service within. In the case of parts that are not available for service within assemblies or components, there will be a NSS (Not Sold Separately) listed in the part number column of the manual.

7) PARTS LIST ITEM NUMBERS

Numbers shown in the item column correspond to numbers used in the associated illustration(s). Item numbers which are missing from sequence and are not shown in the illustration(s) are not used on that page.

8) INDENTED PARTS DESCRIPTION

An indented part description is included in the item under which it is indented.

9) ABBREVIATION AND SYMBOLS

AC	Alternating Current
A/C	Air Conditioning
ADE	Advanced Design Electroninics
AG	Agriculture
AMP	Amperage
ANSI	American National Standards Institute
AR	As Required
ASSY	Assembly
AUS	Australia
AUX	Auxiliary
AWG	American Wire Gauge
CAC	Charge Air Cooler
CE	European Conformity
CM	Centimeter
CONST	Construction
CSA	Canadian Standards Association
DEF	Diesel Exhaust Fluid
DIA	Diameter
DC	Direct Current
DTZ	Decentralized Transmission Zeros
ECU	Electronic Control Unit
EMS	Emergency Stop
FNR	Forward Neutral Reverse
FT	Foot
GA	Gauge
GR	Grade
HBP	High Boom Pivot
HHP	High Horse Power
HOC	Hydraulic Oil Cooler
HRC	High Rated Countries
HVAC	Heating Ventilating, and Air Conditioning
ID	Inside Diameter
IN	Inch
ISO	International Organization for Standards
ITSDF	Industrial Truck Standards Development Foundation
JIC	Joint Industry Council
KG	Kilogram
KW	Kilowatt
L	Liter
LB	Pound
LBP	Low Boom Pivot
LCD	Liquid Crystal Display
LED	Light Emitting Diode
LH	Left Hand
LHD	Left Hand Drive
LHP	Low Horse Power
LMIS	Load Management Indicator System
LRC	Low Rated Countries
LS	Low Sulfur
LSI	Load Stability Indicator
LSS	Load Sensing System
M^3	Cubic Meter
MA	Milliamp
M(m)	Metric/Meter
MM	Millimeter
N	Newton
NACD	North America Construction Division
NLA	No Longer Available
NSS	Not Sold Separately
OD	Outside Diameter
ORB	O-Ring Boss
ORFS	O-Ring Face Seal
OZ	Ounce
PR	Ply Rating
QT	Quart
QTY	Quantity
REF	Reference
REV	Revision
RH	Right Hand
RHD	Right Hand Drive
RHCO	Remote Hydraulic Oil Cooler
RUS	Russia
SAE	Society of Automotive Engineers
SAHR	Spring Applied Hydraulically Released
SN	Serial Number
SPD	Speed
TLU	Torque Look Up
UGM	Universal Ground Module
V	Volts
W	Watts
#	Number

10) ILLUSTRATION REFERANCE LETTERS

When necessary, illustrations may contain reference letters that are intended to track information from one point to another in the illustration such as harnesses and hoses or any other information that has been separated in the illustration.

Note: Due to continuous product improvements, JLG Industries, Inc. reserves the right to make specification changes without prior notification. Contact JLG Industries, Inc. for updated information.

TABLE OF CONTENTS

SECTION 1 - FRAME AND ATTACHING PARTS 13

FIGURE 1-1. FRAME AND ATTACHING PARTS 14
FIGURE 1-2. COVERS 22
FIGURE 1-3. OUTRIGGERS (4014PS,4017PS) 26
FIGURE 1-4. LICENSE PLATE INSTALLATION (33.7,37.6,37.7,3706PS,3707PS) 28
FIGURE 1-5. RETRIEVAL HITCH 32
FIGURE 1-6. PIN HITCH, AUTO HITCH AND PITON FRAME - AUTO HITCH (33.7,37.6,37.7,3706PS,3707PS) 34
FIGURE 1-7. PIN HITCH - CUNA C AND CUNA D2 (33.7,37.6,37.7,3706PS,3707PS) 36
FIGURE 1-8. HYDRAULIC HITCH (33.7,37.6,37.7,3706PS,3707PS) 38
FIGURE 1-9. HITCH PIN ASSEMBLY 40

SECTION 2 - BOOM 43

FIGURE 2-1. BOOM INSTALLATION (33.7,37.6,37.7,3706PS,3707PS) 44
FIGURE 2-2. BOOM INSTALLATION (4014PS) 48
FIGURE 2-3. BOOM INSTALLATION (4017PS) 50
FIGURE 2-4. FIRST BOOM SECTION (33.7,37.6,37.7,3706PS,3707PS) 54
FIGURE 2-5. FIRST BOOM SECTION (4014PS) 56
FIGURE 2-6. FIRST BOOM SECTION (4017PS) 58
FIGURE 2-7. SECOND BOOM SECTION (33.7,37.6,37.7,3706PS,3707PS) 60
FIGURE 2-8. SECOND BOOM SECTION (4014PS) 62
FIGURE 2-9. SECOND BOOM SECTION (4017PS) 64
FIGURE 2-10. THIRD BOOM SECTION (4014PS) 66
FIGURE 2-11. THIRD BOOM SECTION (4017PS) 68
FIGURE 2-12. FOURTH BOOM SECTION (4017PS) 70
FIGURE 2-13. EXTEND CHAINS (4014PS) 72
FIGURE 2-14. EXTEND CHAINS (4017PS) 74
FIGURE 2-15. RETRACT CHAINS (4014PS) 76
FIGURE 2-16. RETRACT CHAINS (4017PS) 78
FIGURE 2-17. MANUAL QUICK ATTACH 80
FIGURE 2-18. MANUAL QUICK ATTACH (4014PS,4017PS) 82
FIGURE 2-19. HYDRAULIC QUICK ATTACH (33.7,37.6,37.7,3706PS,3707PS) 84
FIGURE 2-20. HYDRAULIC QUICK ATTACH (4014PS,4017PS) 86
FIGURE 2-21. HYDRAULIC QUICK ATTACH (4014PS,4017PS) 88
FIGURE 2-22. JD QUICK ATTACH (33.7,37.6,37.7,3706PS,3706PS) 90
FIGURE 2-23. JCB MANUAL QUICK ATTACH (33.7,37.6,37.7,3706PS,3707PS) 92
FIGURE 2-24. JCB HYDRAULIC QUICK ATTACH (33.7,37.6,37.7,3706PS,3707PS) 94
FIGURE 2-25. MANITOU MANUAL QUICK ATTACH 96
FIGURE 2-26. MANITOU HYDRAULIC QUICK ATTACH (33.7,37.6,37.7,3706PS,3707PS) 98
FIGURE 2-27. MANUAL QUICK ATTACH INSTALLATION (IF EQUIPPED WITH PLATFORM) (4014PS,4017PS) 100

SECTION 3 - ATTACHMENTS 103

FIGURE 3-1. CARRIAGE ASSEMBLY 104
FIGURE 3-2. SIDE SHIFT CARRIAGE ASSEMBLY (Prior to SN 1160008730) 106
FIGURE 3-3. SIDE SHIFT CARRIAGE ASSEMBLY (SN 1160008730 to Present) 108
FIGURE 3-4. FORK TINES 110

TABLE OF CONTENTS

FIGURE 3-5. FORK POSITIONING CARRIAGE W/FORKS 112
FIGURE 3-6. FIXED PLATFORM INSTALLATION, 1.8M (4014PS,4017PS) 114
FIGURE 3-7. EXTENDABLE PLATFORM INSTALLATION, 4.5M (4014PS,4017PS) 120
FIGURE 3-8. EXTENDABLE PLATFORM INSTALLATION, 4.5M (4014PS,4017PS) 126
FIGURE 3-9. CONSOLE BOX ASSEMBLY (4017PS,4017PS) 130
FIGURE 3-10. CONTROLLER ASSEMBLY (LIFT AND SWING) 134
FIGURE 3-11. FORK MOUNTED HOOK 136
FIGURE 3-12. CRANE HOOK 138
FIGURE 3-13. BUCKETS 140
FIGURE 3-14. MANURE BUCKET 142
FIGURE 3-15. CONCRETE BUCKET 144
FIGURE 3-16. CONCRETE LADLE 146
FIGURE 3-17. TRUSS BOOMS 148
FIGURE 3-18. VOLVO ADAPTER 150
FIGURE 3-19. FEM ADAPTER (37.6,37.7,3706PS,3707PS,4014PS,4017PS) 152
FIGURE 3-20. MULTI-PURPOSE BUCKET (Prior to SN 1160008730) 154
FIGURE 3-21. MULTI-PURPOSE BUCKET (SN 1160008730 to Present) 156

SECTION 4 - ENGINE AND ATTACHING PARTS 159

FIGURE 4-1. ENGINE INSTALLATION 160
FIGURE 4-2. DEUTZ ENGINE 164
FIGURE 4-3. DEUTZ ENGINE 168
FIGURE 4-4. DEUTZ ENGINE 170
FIGURE 4-5. FUEL TANK AND LINES 172
FIGURE 4-6. RADIATOR INSTALLATION 176
FIGURE 4-7. AIR CLEANER INSTALLATION 182
FIGURE 4-8. EXHAUST INSTALLATION 184
FIGURE 4-9. EXHAUST INSTALLATION 188

SECTION 5 - DRIVE TRAIN 191

FIGURE 5-1. DRIVE TRAIN COMPONENTS 192
FIGURE 5-2. FRONT AXLE ASSEMBLY 196
FIGURE 5-3. FRONT AXLE - HOUSING (33.7,37.6,37.7,3706PS,3707PS) 198
FIGURE 5-4. FRONT AXLE - HOUSING (4014PS,4017PS) 200
FIGURE 5-5. FRONT AXLE - SWIVEL HOUSING AND STEERING CYLINDER 202
FIGURE 5-6. FRONT AXLE - BEVEL GEAR SET 204
FIGURE 5-7. FRONT AXLE - DIFFERENTIAL 206
FIGURE 5-8. FRONT AXLE - DOUBLE U-JOINT 208
FIGURE 5-9. FRONT AXLE - BRAKES 210
FIGURE 5-10. FRONT AXLE - WHEEL HUB 212
FIGURE 5-11. FRONT AXLE - FINAL REDUCTION 214
FIGURE 5-12. FRONT AXLE - BRAKE CALIPER 216
FIGURE 5-13. REAR AXLE ASSEMBLY 218
FIGURE 5-14. REAR AXLE - AXLE HOUSING 220
FIGURE 5-15. REAR AXLE - SWIVEL HOUSING AND STEERING CYLINDER 222
FIGURE 5-16. REAR AXLE - BEVEL GEAR SET 224

FIGURE 5-17. REAR AXLE - DIFFERENTIAL 226
FIGURE 5-18. REAR AXLE - DOUBLE U - JOINT 228
FIGURE 5-19. REAR AXLE - WHEEL HUB 230
FIGURE 5-20. REAR AXLE - FINAL REDUCTION 232
FIGURE 5-21. TRANSMISSION 234
FIGURE 5-22. TRANSFER GEARBOX ASSEMBLY 236
FIGURE 5-23. TORQUE CONVERTER AND DRIVE 238
FIGURE 5-24. GEARS AND BEARINGS 242
FIGURE 5-25. 1ST/2ND CLUTCH SHAFT 246
FIGURE 5-26. INPUT SHAFT 248
FIGURE 5-27. FORWARD HIGH/3RD CLUTCH SHAFT 250
FIGURE 5-28. FRONT & REAR CASE COMPONENTS 252
FIGURE 5-29. FENDER GROUP 256
FIGURE 5-30. REMOTE GREASE SYSTEM INSTALLATION 258
FIGURE 5-31. TIRES AND WHEEL INSTALLATION 262
FIGURE 5-32. FRONT AXLE ASSEMBLY (HYDRAULIC PARK BRAKE) (4014PS) 268
FIGURE 5-33. FRONT AXLE ASSEMBLY (HYDRAULIC PARK BRAKE) (4017PS) 282
FIGURE 5-34. REAR AXLE ASSEMBLY (HYDRAULIC PARK BRAKE) (4014PS) 296
FIGURE 5-35. REAR AXLE ASSEMBLY (HYDRAULIC PARK BRAKE) (4017PS) 310
FIGURE 5-36. STEERING ARM ASSY (4014PS) 324
FIGURE 5-37. STEERING ARM ASSY (4017PS) 326
FIGURE 5-38. STEERING CYLINDER (4014PS) 328
FIGURE 5-39. STEERING CYLINDER (4017PS) 330
FIGURE 5-40. STEERING CYLINDER (4014PS) 332
FIGURE 5-41. BEVEL GEAR SET (4014PS,4017PS) 334
FIGURE 5-42. DIFFERENTIAL KIT 336
FIGURE 5-43. DOUBLE JOINT (4014PS) 338
FIGURE 5-44. DOUBLE JOINT (4017PS) 340
FIGURE 5-45. WHEEL HUB KIT (4014PS) 342
FIGURE 5-46. WHEEL HUB KIT (4017PS) 344

SECTION 6 - CAB 347

FIGURE 6-1. CAB INSTALLATION 348
FIGURE 6-2. CAB ASSEMBLY 354
FIGURE 6-3. CAB DOOR 358
FIGURE 6-4. INTERIOR INSTALLATION 362
FIGURE 6-5. WIPER INSTALLATIONS 364
FIGURE 6-6. SEAT ASSEMBLIES 368
FIGURE 6-7. HEATER INSTALLATION 370
FIGURE 6-8. AIR CONDITIONING INSTALLATION 374
FIGURE 6-9. CAB HYDRAULIC INSTALLATION (HYDRAULIC PARK BRAKE) 380

SECTION 7 - CONTROLS 383

FIGURE 7-1. BRAKE 384
FIGURE 7-2. HAND BRAKE 386
FIGURE 7-3. ACCELERATOR 388

TABLE OF CONTENTS

FIGURE 7-4. STEERING COLUMN....390
FIGURE 7-5. BOOM JOYSTICK....394

SECTION 8 - HYDRAULIC CIRCUITS....397

FIGURE 8-1. SUPPLY CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)....398
FIGURE 8-2. SUPPLY CIRCUIT (33.7,4014PS,4017PS)....402
FIGURE 8-3. DUMP CIRCUIT (33.7,37.6,3706PS)....406
FIGURE 8-4. DUMP CIRCUIT (4014PS,4017PS)....412
FIGURE 8-5. STEER SELECT CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)....416
FIGURE 8-6. STEER SELECT CIRCUIT (4014PS,4017PS)....418
FIGURE 8-7. SERVICE BRAKE CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)....420
FIGURE 8-8. SERVICE BRAKE CIRCUIT WITH BOOM SUSPENSION (4014PS,4017PS)....422
FIGURE 8-9. LIFT CYLINDER CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)....424
FIGURE 8-10. LIFT CYLINDER CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)....426
FIGURE 8-11. LIFT CYLINDER CIRCUIT (4014PS,4017PS)....428
FIGURE 8-12. EXTEND/RETRACT CYLINDER CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)....430
FIGURE 8-13. EXTEND/RETRACT CYLINDER CIRCUIT (4014PS)....432
FIGURE 8-14. EXTEND/RETRACT CYLINDER CIRCUIT (4017PS)....434
FIGURE 8-15. TILT AND TILT COMPENSATION CYLINDER CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)....436
FIGURE 8-16. TILT AND TILT COMPENSATION CYLINDER CIRCUIT (4014PS)....438
FIGURE 8-17. TILT AND TILT COMPENSATION CYLINDER CIRCUIT (4017PS)....440
FIGURE 8-18. AUXILIARY HYDRAULIC CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)....444
FIGURE 8-19. AUXILIARY HYDRAULIC CIRCUIT (4014PS)....448
FIGURE 8-20. AUXILIARY HYDRAULIC CIRCUIT (4017PS)....450
FIGURE 8-21. FRAME LEVEL AND OUTRIGGER (4014PS,4017PS)....452
FIGURE 8-22. TRAILER BRAKES (33.7,37.6,37.7,3706PS,3707PS)....454
FIGURE 8-23. TRAILER BRAKES (33.7,37.6,37.7,3706PS,3707PS)....458
FIGURE 8-24. TRAILER BRAKES (33.7,37.6,37.7,3706PS,3707PS)....460
FIGURE 8-25. TRAILER BRAKES (33.7,37.6,37.7,3706PS,3707PS)....464
FIGURE 8-26. STEERING INSTALLATION (HYDRAULIC PARK BRAKE) (4014PS,4017PS)....466
FIGURE 8-27. AUXILIARY VALVE GROUP INSTALLATION (33.7,37.6,37.7,3706PS,3707PS)....472

SECTION 9 - HYDRAULIC COMPONENTS....475

FIGURE 9-1. LIFT CYLINDER AND HARDWARE (33.7,37.6,37.7,3706PS,3707PS)....476
FIGURE 9-2. LIFT CYLINDER AND HARDWARE (4014PS)....478
FIGURE 9-3. LIFT CYLINDER AND HARDWARE (4017PS)....480
FIGURE 9-4. EXTEND/RETRACT CYLINDER AND HARDWARE (33.7,37.6,37.7,3706PS,3707PS)....482
FIGURE 9-5. EXTEND/RETRACT CYLINDER AND HARDWARE (4014PS)....484
FIGURE 9-6. EXTEND/RETRACT CYLINDER AND HARDWARE (4017PS)....486
FIGURE 9-7. TILT CYLINDER AND HARDWARE (33.7,37.6,37.7,3706PS,3707PS)....488
FIGURE 9-8. TILT CYLINDER AND HARDWARE (4014PS,4017PS)....490
FIGURE 9-9. COMPENSATION CYLINDER AND HARDWARE (33.7,37.6,37.7,3706PS,3707PS)....492
FIGURE 9-10. COMPENSATION CYLINDER AND HARDWARE (4014PS,4017PS)....494
FIGURE 9-11. FRAME LEVEL CYLINDER AND HARDWARE (4014PS,4017PS)....496
FIGURE 9-12. OUTRIGGER CYLINDER AND HARDWARE (4014PS,4017PS)....498
FIGURE 9-13. QUICK ATTACH CYLINDER....500

FIGURE 9-14. MAIN CONTROL VALVE (33.7,37.6,37.7,3706PS,3707PS) 502
FIGURE 9-15. MAIN CONTROL VALVE (4014PS,4017PS) 506
FIGURE 9-16. DIVERTER VALVE 510
FIGURE 9-17. STEERING SELECT VALVE 512
FIGURE 9-18. PISTON PUMP 514
FIGURE 9-19. HYDRAULIC TANK 516
FIGURE 9-20. COMBINATION VALVE 518
FIGURE 9-21. TRAILER BRAKE VALVE 520
FIGURE 9-22. TRAILER BRAKE VALVE 522
FIGURE 9-23. OUTRIGGER MAIN CONTROL VALVE 524
FIGURE 9-24. ACTUATOR ASSEMBLY (4014PS,4017PS) 526
FIGURE 9-25. HYDRAULIC PARK BRAKE RELEASE VALVE 528
FIGURE 9-26. RELAY VALVE INSTALLATION (HYDRAULIC PARK BRAKE) 530
FIGURE 9-27. AUXILIARY POWER PUMP 532
FIGURE 9-28. DIVERTER VALVE (4014PS,4017PS) 534

SECTION 10 - ELECTRICAL 537

FIGURE 10-1. ENGINE COMPARTMENT ELECTRICAL INSTALLATION 538
FIGURE 10-2. CAB ELECTRICAL INSTALLATION 542
FIGURE 10-3. BOOM AND FRAME ELECTRICAL INSTALLATION 546
FIGURE 10-4. CAB SWITCHES 552
FIGURE 10-5. WORKLIGHT INSTALLATIONS 554
FIGURE 10-6. DRIVING LIGHTS (33.7,37.6,37.7,3706PS,3707PS) 556
FIGURE 10-7. DRIVING LIGHTS (4014PS,4017PS) 560
FIGURE 10-8. ENGINE BAY HARNESS (Prior to SN 1160006748, Excluding 11600065999) 562
FIGURE 10-9. ENGINE BAY HARNESS (SN 1160006748 to Present, Including 11600065999) 568
FIGURE 10-10. TRANSMISSION HARNESS 574
FIGURE 10-11. CAB FLOOR HARNESS 576
FIGURE 10-12. CAB ROOF HARNESS 584
FIGURE 10-13. BOOM HARNESS 586
FIGURE 10-14. BOOM LIGHT HARNESS 588
FIGURE 10-15. FRONT FRAME HARNESS (3706PS,3707PS,4014PS,4017PS) 590
FIGURE 10-16. REAR FRAME HARNESS 592
FIGURE 10-17. RIDE AND FLOAT CHASSIS SIDE HARNESS (33.7,37.6,37.7,3706PS,3707PS) 594
FIGURE 10-18. RIDE AND FLOAT CAB HARNESS 596
FIGURE 10-19. RIDE AND FLOAT CONTROLLER HARNESS 598
FIGURE 10-20. TOW HITCH HARNESS 600
FIGURE 10-21. TRAILER BRAKE CAB HARNESS, ITALIAN 602
FIGURE 10-22. TRAILER BRAKE CHASSIS HARNESS, ITALIAN 604
FIGURE 10-23. A/C HARNESS 606
FIGURE 10-24. BOOM EXTENSION HARNESS (4017PS) 608
FIGURE 10-25. HEADLIGHT EXTENSION HARNESS 610
FIGURE 10-26. LIGHT EXTENSION HARNESS 612
FIGURE 10-27. WORKLIGHT HARNESS 614
FIGURE 10-28. CAB AUXILIARY POWER HARNESS 616
FIGURE 10-29. PLATFORM BOOM HARNESS (4014PS) 618

TABLE OF CONTENTS

FIGURE 10-30. PLATFORM BOOM HARNESS (4017PS) 620
FIGURE 10-31. DUAL SEAT SWITCH HARNESS 622
FIGURE 10-32. BEACON LMIS INSTALLATION (4014PS,4017PS) 624
FIGURE 10-33. LMIS INSTALLATION (4014PS,4017PS) 626
FIGURE 10-34. LMIS CAB HARNESS 628
FIGURE 10-35. LMIS FRAME HARNESS 630
FIGURE 10-36. PLATFORM SENSOR INSTALLATION 632
FIGURE 10-37. PLATFORM RECOGNITION INSTALLATION 634
FIGURE 10-38. AUXILIARY POWER UNIT INSTALLATION (4014PS,4017PS) 636
FIGURE 10-39. BOOM AUXILIARY ELECTRICAL HARNESS INSTALLATION 640
FIGURE 10-40. PLATFORM ELECTRICAL INSTALLATION (4014PS,4017PS) 642
FIGURE 10-41. SOLENOID ASSEMBLY 644
FIGURE 10-42. CAB TO BOOM HARNESS 646
FIGURE 10-43. PLATFORM HARNESS (4014PS,4017PS) 648
FIGURE 10-44. PLATFORM RELAY BOX HARNESS (4014PS,4017PS) 650
FIGURE 10-45. EMERGENCY STOP LINK HARNESS (4014PS,4017PS) 652
FIGURE 10-46. BOOM EXTENSION LIMIT HARNESS 654
FIGURE 10-47. AUXILIARY PLATFORM HARNESS (4014PS,4017PS) 656
FIGURE 10-48. 3B PLATFORM HARNESS 658
FIGURE 10-49. CAN-BUS HARNESS 660
FIGURE 10-50. PLATFORM CONSOLE HARNESS 662
FIGURE 10-51. CONSOLE HARNESS 664
FIGURE 10-52. TEMPERATURE SENSOR HARNESS 668

SECTION 11 - DECALS 671

FIGURE 11-1. CAB AND FRAME DECALS 672
FIGURE 11-2. BOOM DECALS 682
FIGURE 11-3. CAPACITY CHART – VOLVO ADAPTER 686
FIGURE 11-4. CAPACITY CHART – FEM ADAPTER 688

SECTION 12 - RECOMMENDED SPARE PARTS 691

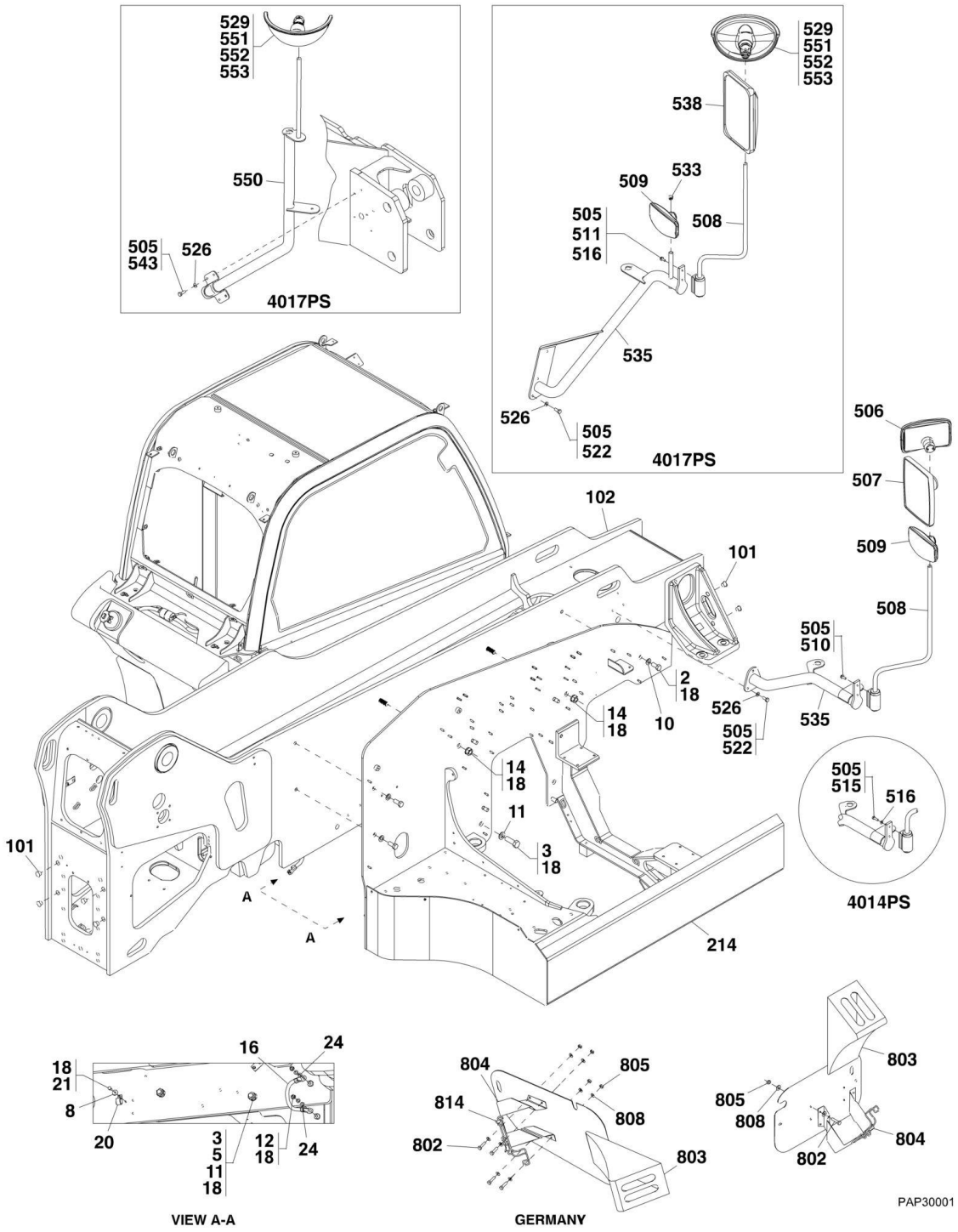
FIGURE 12-1. RECOMMENDED SPARE PARTS 692

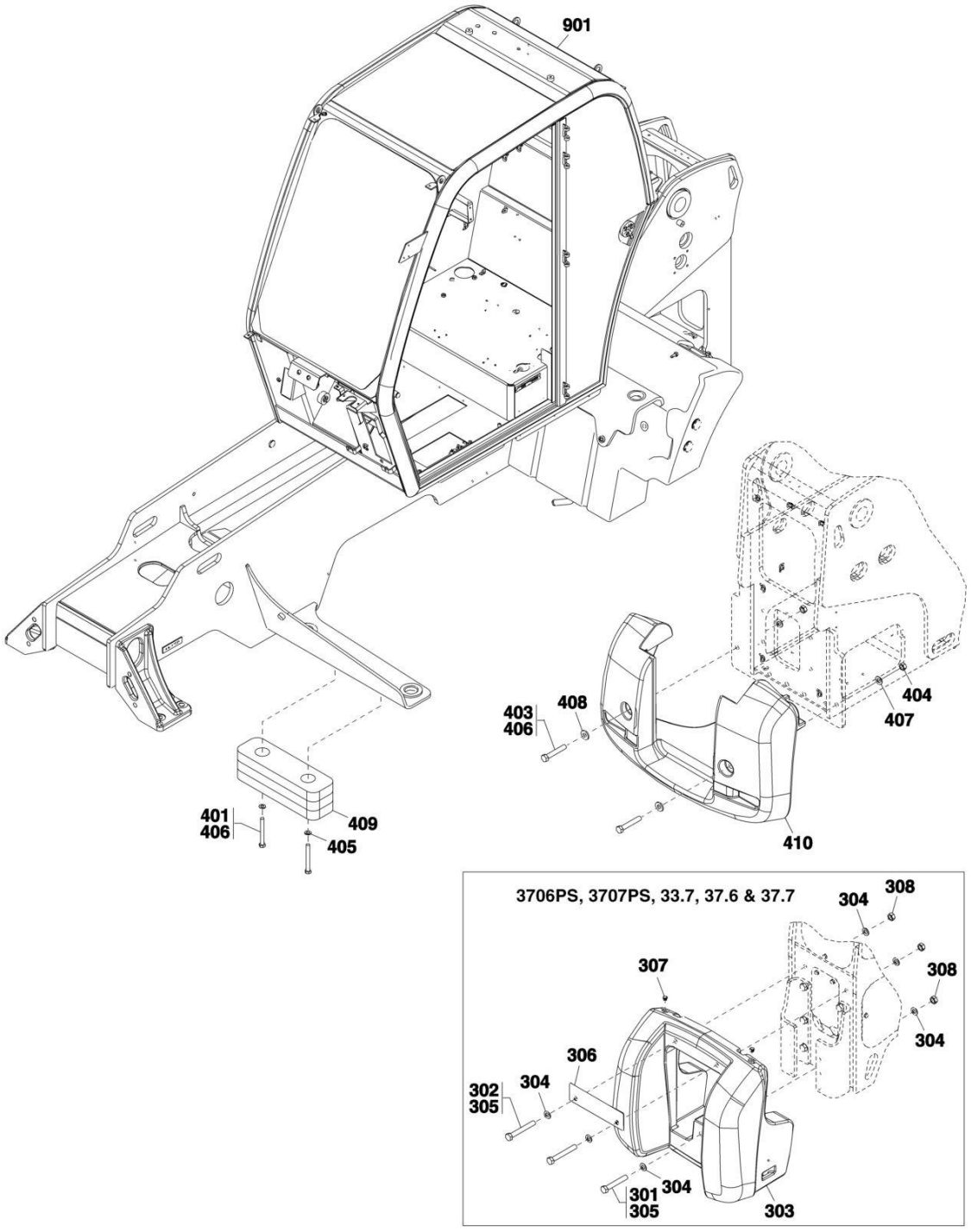
PART NUMBER INDEX 695

SECTION 1 - FRAME AND ATTACHING PARTS

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-1. FRAME AND ATTACHING PARTS





ART_31200722-1-1B

SECTION 1 - FRAME AND ATTACHING PARTS

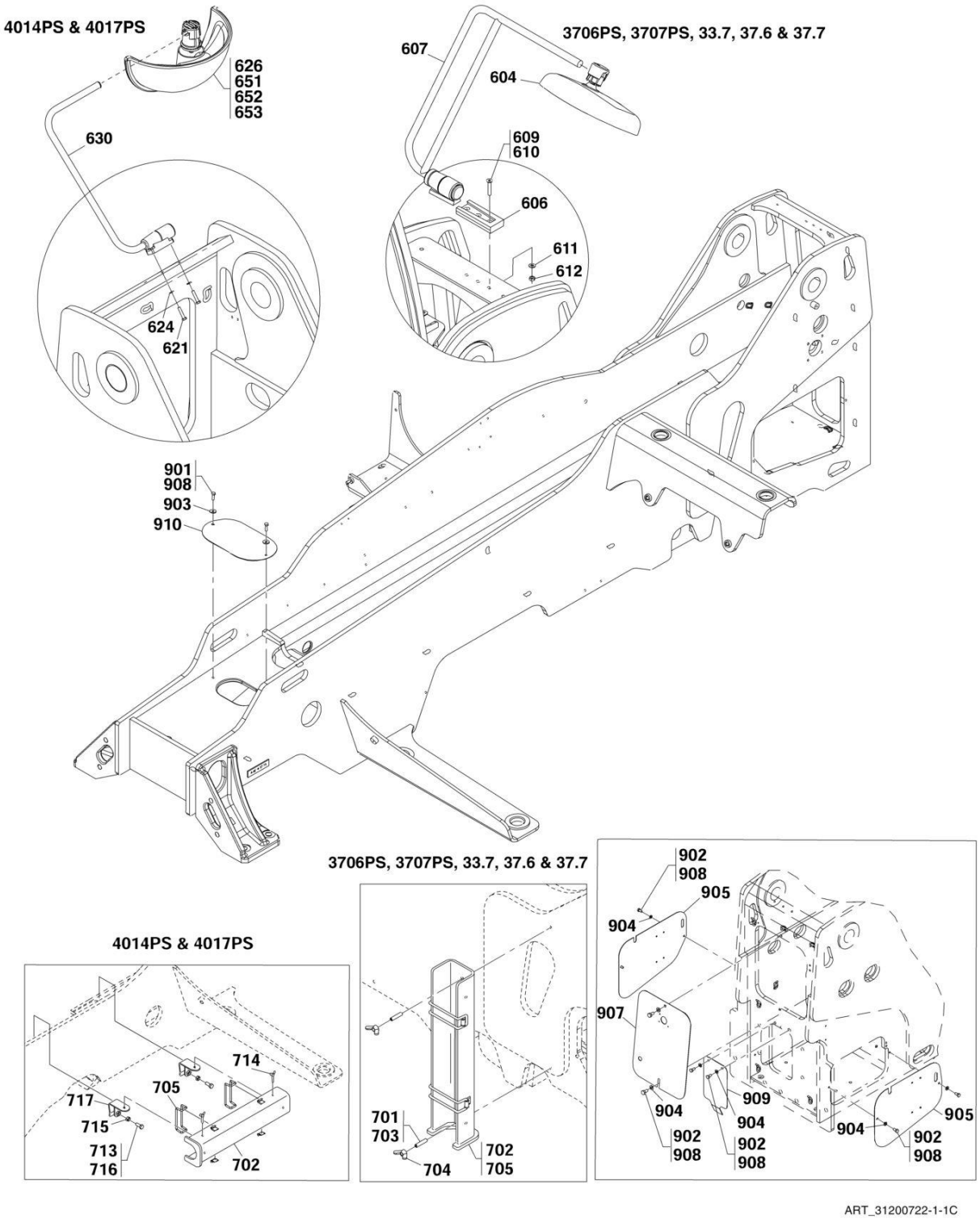


FIGURE 1-1. FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001128451	Ref	ENGINE POD TO FRAME INSTALLATION, (not available to order, see items 2 thru 24 for service)	D
2	0761615	3	HEX HD CAPSCREW, M16X35, GR8.8	
3	0762020	4	HEX HD CAPSCREW, M20X60, GR8.8	
5	3292001	4	HEX NUT, M20X2-1/2	
8	4811902	1	WASHER, 8mm	
10	4812300	3	WASHER, 16mm	
11	4812500	8	WASHER, 20mm	
12	5221000	2	RIPP NUT, 10mm	
14	1001004210	2	HEX NUT	
16	1001009038	1	EARTH STRAP	
18	1001095650	AR	LOCTITE 243	
20	1001100319	1	CLIP	
21	0760810	1	HEX HD CAPSCREW, M8X20, GR8.8	
24	4812000	4	WASHER, 10mm	
101	1001091126	AR	BLACK PLUG	
102	N.S.S.	1	FRAME WELDMENT	
103	1001152257	AR	CAP, (not shown)	
214	1001122552	1	ENGINE FRAME	
	1001145694	Ref	COUNTERWEIGHT INSTALLATION (not available to order, see items 301 thru 308 for service) (37.6,37.7,3706PS,3707PS) **(Prior to SN 1160007437, Excluding 1160006750)**	C
	1001167950	Ref	COUNTERWEIGHT INSTALLATION (not available to order, see items 301 thru 305, 307 & 308 for service) (37.6,3706PS) **(SN 1160007437 to Present, Including 1160006750)**	A
	1001149369	Ref	COUNTERWEIGHT INSTALLATION (not available to order, see items 301 thru 308 for service) (37.6,37.7,3706PS,3707PS) **(SN 1160007437 to Present, Including 1160006750)**	A
301	0712030	1	HEX HD CAPSCREW, M20X130, GR10.9	
302	1001152861	2	HEX HD CAPSCREW, M20X160, GR10.9 **(Prior to SN 1160007437, Excluding 1160006750)**	
302	0712032	2	HEX HD CAPSCREW, M20X150, GR10.9 **(SN 1160007437 to Present, Including 1160006750)**	
303	1001098106BL	1	COUNTERWEIGHT **(Prior to SN 1160007437, Excluding 1160006750)**	
303	1001142488	1	COUNTERWEIGHT (37.6,3706PS) **(SN 1160007437 to Present, Including 1160006750)**	
303	1001142489	1	COUNTERWEIGHT (37.7,3707PS) **(SN 1160007437 to Present, Including 1160006750)**	
304	4812500	6	WASHER, 20mm	
305	1001095650	AR	LOCTITE 243	
306	1001105127BL	1	COUNTERWEIGHT PLATE	
307	1001096914	2	LAMP BRACKET CAP	
308	3332011	3	HEX NUT, M20X2-1/2	
	1001145695	Ref	COUNTERWEIGHT INSTALLATION (not available to order, see items 401 thru 410 for service) (4014PS) **(Prior to SN 1160006748, Excluding 1160006599)**	A
	1001154332	Ref	COUNTERWEIGHT INSTALLATION (not available to order, see items 401 thru 410 for service) (4014PS) **(SN 1160006748 to Present, Including 1160006599)**	B
	1001156105	Ref	COUNTERWEIGHT INSTALLATION (AUS) (not available to order, see items 403, 404, 406 thru 408 & 410 for service) (4014PS)	B

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145696	Ref	COUNTERWEIGHT INSTALLATION (not available to order, see items 403, 404, 406 thru 408 & 410 for service) (4017PS)	D
401	0701631	2	HEX HD CAPSCREW, M16X140, GR8.8, (torque to 241 Nm/178 lb-ft) **(Prior to SN 1160006748, Excluding 1160006599)**	
401	0701634	2	HEX HD CAPSCREW, M16X170, GR8.8, (torque to 241 Nm/178 lb-ft) **(SN 1160006748 to Present, Including 1160006599)**	
403	0712029	2	HEX HD CAPSCREW, M20X120, GR10.9	
404	3332011	2	HEX NUT, M20X2-1/2	
405	4812300	4	WASHER, 16mm **(Prior to SN 1160006748, Excluding 1160006599)**	
405	4812300	2	WASHER, 16mm **(SN 1160006748 to Present, Including 1160006599)**	
406	1001095650	AR	LOCTITE 243	
407	5242000	2	WASHER, 20mm	
408	1001009146	2	HARD WASHER	
409	1001127272	1	COUNTERWEIGHT PLATE **(Prior to SN 1160006748, Excluding 1160006599)**	
409	1001127272	1	COUNTERWEIGHT PLATE **(SN 1160006748 to Present, Including 1160006599)**	
410	1001005045J	1	COUNTERWEIGHT (4014PS)	
410	1001112892J	1	COUNTERWEIGHT (AUS) (4014PS)	
410	1001004904J	1	COUNTERWEIGHT (4017PS)	
	1001125508	Ref	REAR VIEW MIRROR INSTALLATION (Construction) (not available to order, see items 505 thru 511 & 516 for service) (3706PS,3707PS)	H
	1001097979	Ref	REAR VIEW MIRROR INSTALLATION (not available to order, see items 505 thru 509, 515 & 516, 522, 526 & 535 for service) (4014PS)	F
	1001115229	Ref	REAR VIEW MIRROR INSTALLATION (not available to order, see items 505, 508 thru 510 & 522 thru 550 for service) (4017PS)	E
505	1001095650	AR	LOCTITE 243	
506	1001142724	1	CONVEX MIRROR	
507	1001142726	1	CONVEX MIRROR	
508	1001142738	1	MIRROR SUPPORT BRACKET	
509	1001143339	1	CONVEX MIRROR	
511	0760810	2	HEX HD CAPSCREW, M8X20, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
515	0760812	2	HEX HD CAPSCREW, M8X25, GR8.8, (torque to 28 Nm/21 lb-ft)	
516	4811900	2	WASHER, 8mm	
522	0761012	4	HEX HD CAPSCREW, M10X25, GR8.8 (4017PS)	
522	0761012	3	HEX HD CAPSCREW, M10X25, GR8.8 (33.7,37.6,37.7,4014PS)	
526	4812000	3	WASHER, 10mm (33.7,37.6,37.7,4014PS)	
526	4812000	8	WASHER, 10mm (4017PS)	
529	1001008436	2	MIRROR ASSY, (includes items 551 thru 553)	C
533	1001096914	1	LAMP BRACKET CAP	
535	1001157839	1	LAMP BRACKET (4014PS)	
535	1001146576	1	MIRROR BRACKET (4017PS)	
538	1001150306	1	REAR VIEW MIRROR	
543	0761014	4	HEX HD CAPSCREW, M10X30, GR8.8	
550	1001119285	1	MIRROR BRACKET	
551	1001008475	2	LOCKWASHER, #12	
552	1001009062	2	WASHER	
553	1001010838	2	HEX SOCKET HD CAPSCREW	

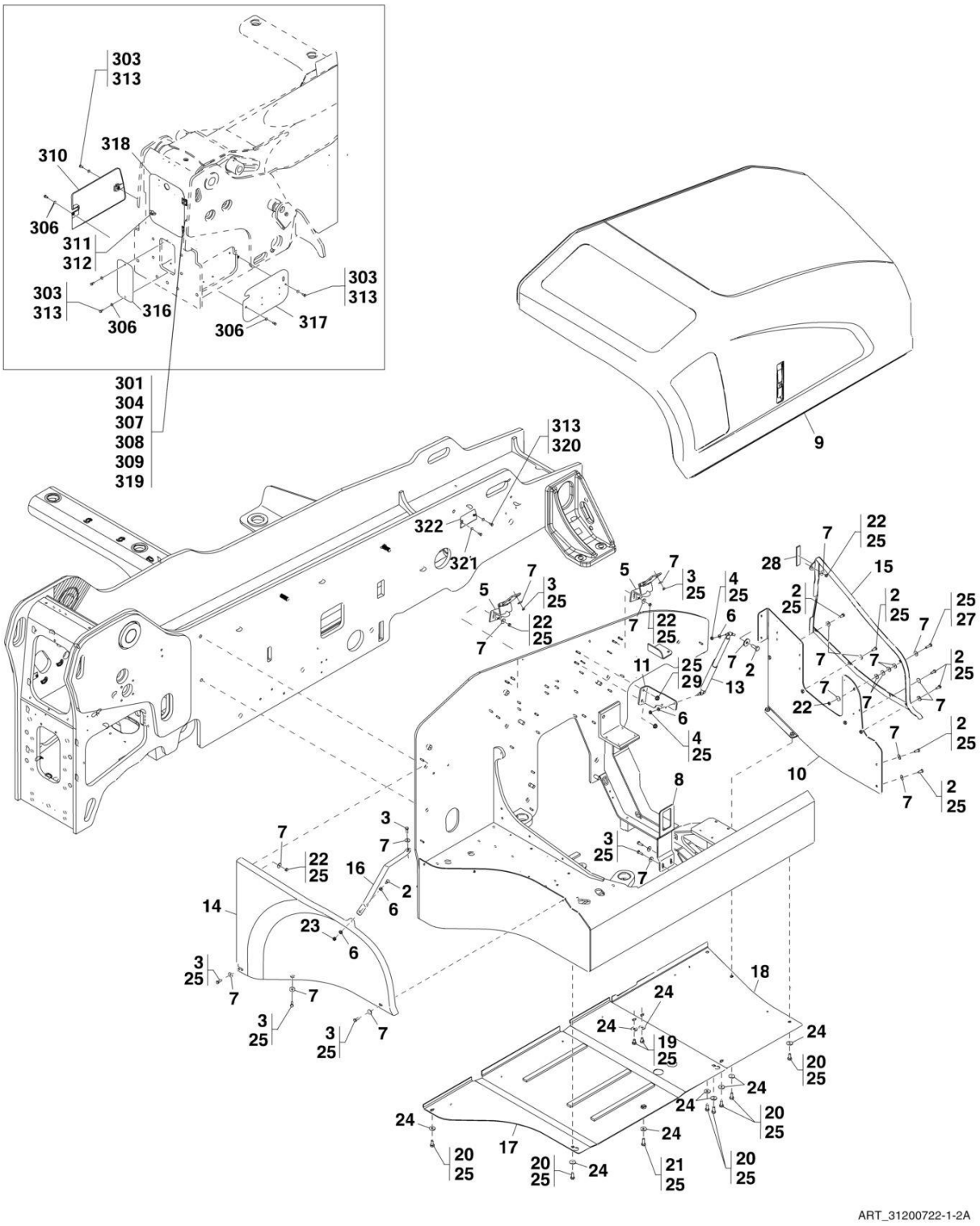
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001097342	Ref	HITCH REAR VIEW MIRROR INSTALLATION (if equipped), (not available to order, see items 604 thru 612 for service) (33.7,37.6,37.7,3706PS,3707PS)	C
604	1001005981	1	MIRROR	
606	1001101755	1	ARM MOUNTING BRACKET	
607	1001101756	1	MIRROR ARM BRACKET	
609	1001095650	AR	LOCTITE 243	
610	1001102830	3	SOCKET HD CAPSCREW, M8X45, (torque to 28 Nm/21 lb-ft)	
611	4811900	3	WASHER, 8mm	
612	3290801	3	HEX NUT, M8X1-1/4	
621	0760614	2	HEX HD CAPSCREW, M6X30, GR8.8 (4014PS,4017PS)	
624	4811700	2	WASHER, 6mm (4014PS,4017PS)	
626	1001008436	1	MIRROR ASSY (includes items 651 thru 653) (4014PS,4017PS)	C
630	1001005980	1	ARM ASSY (4014PS,4017PS)	B
651	1001008475	2	LOCKWASHER, #12	
652	1001009062	2	WASHER	
653	1001010838	2	HEX SOCKET HD CAPSCREW	
	1001134285	Ref	BOOM PROP INSTALLATION (not available to order, see items 701 thru 705 for service) (33.7,37.6,37.7,3706PS,3707PS)	A
	1001101291	Ref	BOOM PROP INSTALLATION (not available to order, see items 702 & 705 thru 717 for service) (4014PS)	A
	1001101732	Ref	BOOM PROP INSTALLATION (not available to order, see items 702 & 705 thru 717 for service) (4017PS)	A
701	0100019	AR	LOCTITE 271	
702	1001101274	1	BOOM PROP BRACKET (33.7,37.6,37.7,3706PS,3707PS)	
702	1001101746	1	BOOM PROP BRACKET (4017PS)	
703	1001134286	2	STUD, M10X1-1/2X45, (torque to 55 Nm/41 lb-ft)	
704	1001134307	2	WING NUT, M10	
705	1784861	2	O-RING	
713	0761214	2	HEX SOCKET HD CAPSCREW, M12X30, GR8.8	
714	1001101458	2	WING BOLT, M8X40	
715	3291201	2	HEX NUT, M12X1-3/4	
716	1001095650	AR	LOCTITE 243	
717	1001101628	2	BOOM PROP MOUNT BRACKET	
802	0760814	8	HEX HD CAPSCREW, (full thread), M8X30, GR8.8, (Germany - if equipped)	
803	806253	2	WEDGE, (Germany - if equipped)	
804	806264	2	WEDGE HOLDER, (Germany - if equipped)	
805	3290801	8	HEX NUT, M8X1.25, (Germany - if equipped)	
808	4811900	16	WASHER, 8mm, (Germany - if equipped)	
814	1060628	2	CABLE TIE DOWN, (Germany - if equipped)	
	1001145746	Ref	COVER PLATE INSTALLATION (not available to order, see items 901 thru 910 for service) (37.6,3706PS)	C
	1001168377	Ref	COVER PLATE INSTALLATION (if equipped with trailer options) (not available to order, see items 901 thru 905, 908 & 910 for service) (37.6,3706PS)	B
	1001145747	Ref	COVER PLATE INSTALLATION (not available to order, see items 901 thru 910 for service) (33.7,37.7,3707PS)	C
	1001168058	Ref	COVER PLATE INSTALLATION (if equipped with trailer options) (not available to order, see items 901 thru 905, 908 & 910 for service) (33.7,37.7,3707PS)	B
901	0760812	4	HEX HD CAPSCREW, M8X25, GR8.8, (torque to 28 Nm/20.65 lb-ft)	

SECTION 1 - FRAME AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
902	0761010	8	HEX HD CAPSCREW, M10X20, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
903	4811902	4	WASHER, 8mm	
904	4812000	8	WASHER, 10mm	
905	1001093001J	2	SIDE HYDRAULIC PANEL (37.6,3706PS)	
905	1001093007J	2	SIDE HYDRAULIC PANEL (33.7,37.7,3707PS)	
907	1001093029J	1	REAR HYDRAULIC PANEL	
908		Ref	LOCTITE 243	
909	1001095974J	1	REAR HYDRAULIC PANEL	
910		Ref	FRONT HYDRAULIC PANEL, (See BOOM SECTION for Breakdown)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-2. COVERS



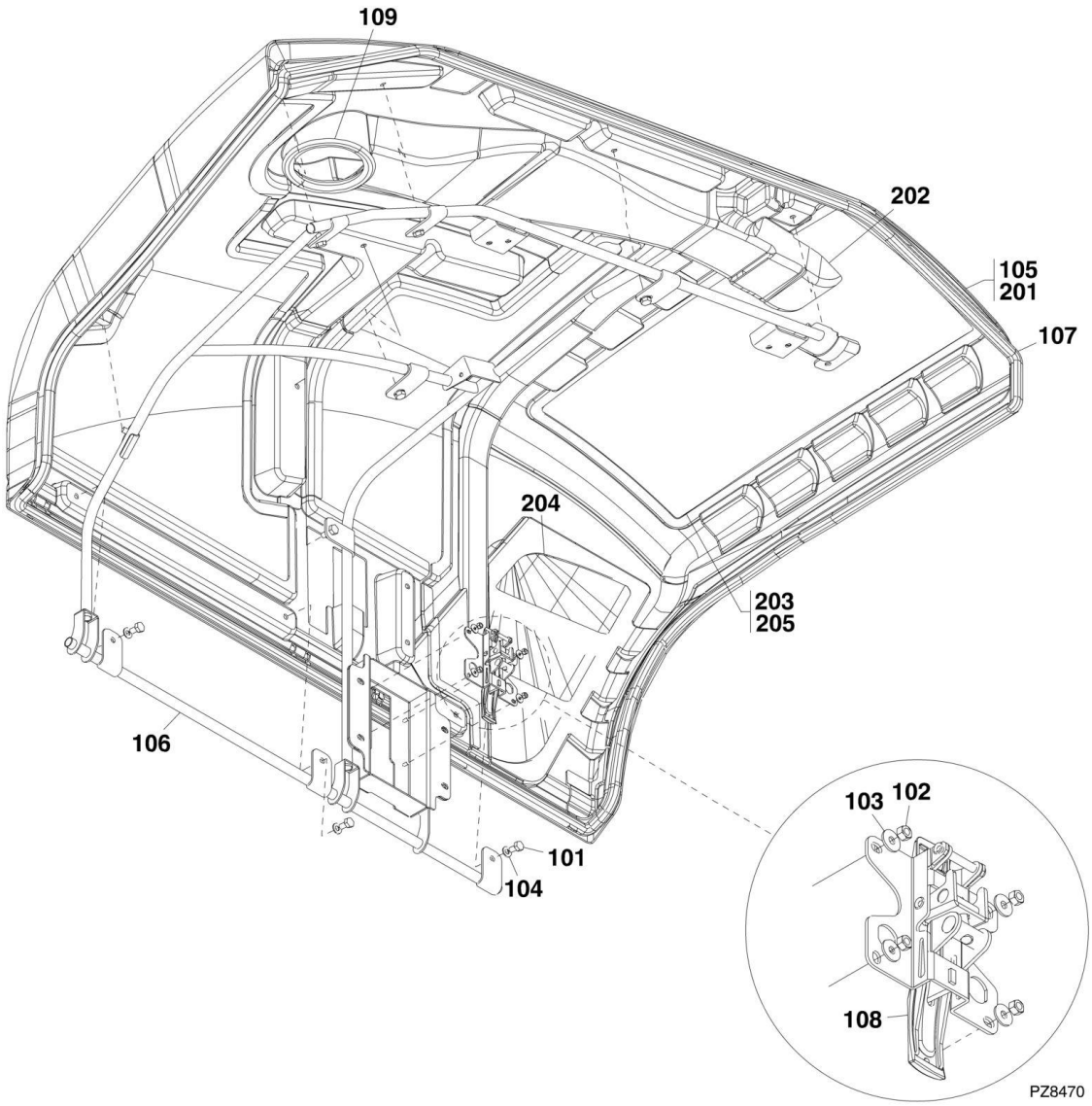

109
202
105
201
107
204
203
205
106
101
104
103
102
108
PZ8470

FIGURE 1-2. COVERS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001131371	Ref	HOOD INSTALLATION (not available to order, see items 2 thru 29 for service) (3706PS,3707PS,4014PS,4017PS)	K
2	0760810	9	HEX HD CAPSCREW, M8X20, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
3	0760812	10	HEX HD CAPSCREW, M8X25, GR8.8, (torque to 14 Nm/10.32 lb-ft)	
4	3290807	2	HEX LOCKNUT, M8X1-1/4	
5	4806433	2	HOOD HINGE	
6	4811900	4	WASHER, 8mm	
7	4811902	31	WASHER, 8MM	
8	1001131367	1	LATCH PLATE	
9	1001131373	1	HOOD GROUP (includes items 101 thru 109) (3706PS,3707PS,4014PS,4017PS)	E
10	1001139161	1	PLATE	
11	1001142186	1	GAS STRUT MOUNT BRACKET	
13	1001112426	1	GAS SPRING	
14	1001129879	1	REAR ENGINE ENCLOSURE COVER	
15	1001144126	1	FRONT ENGINE ENCLOSURE COVER	
16	1001141439	1	REAR PANEL BRACKET	
17	1001130735	1	BASE PLATE ASSY	
18	1001132400	NLA	BASE PLATE, (no longer available, use 1001175847 for replacement)	
18	1001175847	1	BASE PLATE ASSY	
19	0761008	2	HEX HD CAPSCREW, M10X16, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
20	0761012	7	HEX HD CAPSCREW, M10X25, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
21	0761014	1	HEX HD CAPSCREW, M10X30, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
22	3290801	8	HEX NUT, M8X1-1/4, GR8, (torque to 28 Nm/20.65 lb-ft)	
23	3290805	1	HEX LOCKNUT, M8X1-1/4, GR8	
24	4812002	10	WASHER, 10mm	
25	1001095650	AR	LOCTITE 243	
27	0760814	1	HEX HD CAPSCREW, M8X30, GR8.8, (torque to 14 Nm/10.32 lb-ft)	
28	1001144063	1	SEAL	
29	5220800	2	RIPP NUT, 8mm	
101	0761009	10	HEX HD CAPSCREW, M10X18, GR8.8	
102	3290607	4	HEX LOCKNUT, M6X1	
103	4811702	4	WASHER, 6mm	
104	4812000	10	WASHER, 10mm	
105	1001131375	1	HOOD ASSY (include items 201 thru 205) (3706PS,3707PS,4014PS,4017PS)	A
106	1001132863	1	HOOD MOUNTING FRAME	
107	1001132872	1	SEAL	
108	1001132873	1	HOOD LATCH	
109	1001141412	1	SEAL	
201	1001131377	1	HOOD PANEL (3706PS,3707PS,4014PS,4017PS)	
202	1001131378	1	HOOD SUPPORT	
203	1001132859	1	TOP HOOD GRILLE	
204	1001132860	1	SIDE HOOD GRILLE	
205	1001132862	AR	BONDING AGENT	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145748	1	CHASSIS COVER PLATE (not available to order, see item 301 thru 319 for service) (4014PS)	E
	1001145749	1	CHASSIS COVER PLATE (not available to order, see item 301 thru 319 for service) (4017PS)	C
	1001145747	1	CHASSIS COVER PLATE (not available to order, see item 303, 306, 313, 316 thru 318 & 320 thru 322 for service) (33.7,37.7,3707PS)	C
	1001145746	1	CHASSIS COVER PLATE (not available to order, see item 303, 306, 313, 316 thru 318 & 320 thru 322 for service) (37.6,3706PS)	C
301	0630576	4	SCREW, M6X20	
303	0761010	6	HEX HD CAPSCREW, M8X20 (4014PS,4017PS)	
303	0761010	8	HEX HD CAPSCREW, M8X20 (33.7,37.6,37.7,3706PS,3707PS)	
304	3290605	8	HEX LOCKNUT, M6X1	
306	4812000	6	WASHER, 10mm (4014PS,4017PS)	
306	4812000	8	WASHER, 10mm (33.7,37.6,37.7,3706PS,3707PS)	
307	5211702	8	RIPP WASHER, 6mm	
307	4811700	8	WASHER, 6mm	
308	8006105	2	HINGE JOINT	
309	8006242	4	SCREW, M6X40	
310	1001005387	1	COVER	
311	1001151057	1	LATCH ASSY	
312	1001063175	1	PAWL	
313	1001095650	AR	LOCTITE 243	
316	1001093031J	1	REAR HYDRAULICS PANEL (4014PS,4017PS)	
316	1001095974J	1	PLATE COVER (33.7,37.6,37.7,3706PS,3707PS)	
317	1001093143J	1	COVER PLATE (4014PS,4017PS)	
317	1001093007J	1	COVER PLATE (37.7,3707PS)	
317	1001093001J	1	COVER PLATE (37.6,3706PS)	
318	1001097499J	1	COVER PLATE (4017PS,4017PS)	
318	1001093029J	1	HYDRAULICS PANEL (33.7,37.6,37.7,3706PS,3707PS)	
319	1001118426	2	SPACER PLATE (4017PS,4017PS)	
320	0760812	2	HEX HD CAPSCREW, M8X25, GR8.8 (33.7,37.6,37.7,3706PS,3707PS)	
321	4811902	2	WASHER, 8mm (33.7,37.6,37.7,3706PS,3707PS)	
322	1001141765	1	COVER (33.7,37.6,37.7,3706PS,3707PS)	

FIGURE 1-3. OUTRIGGERS (4014PS,4017PS)

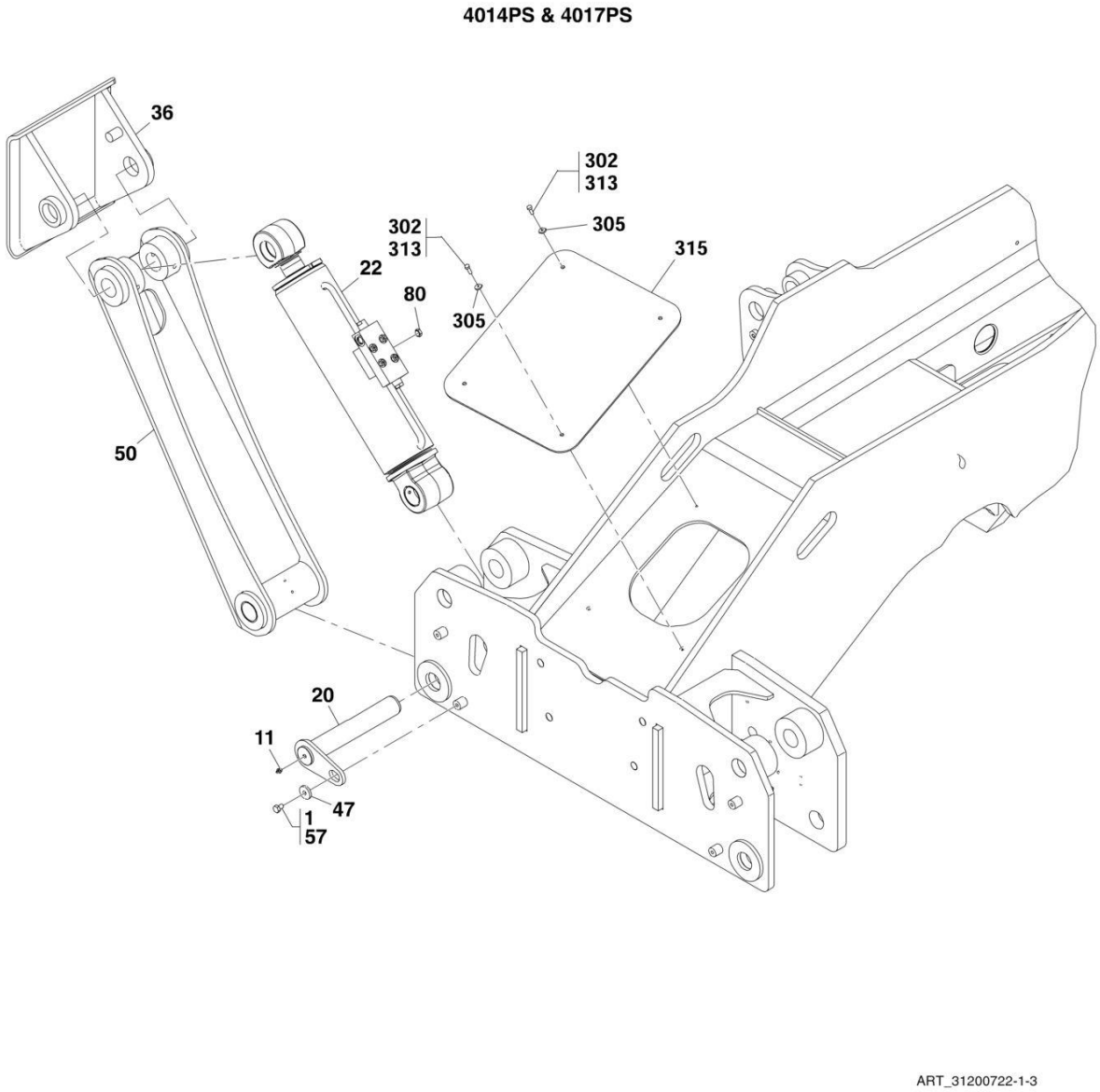
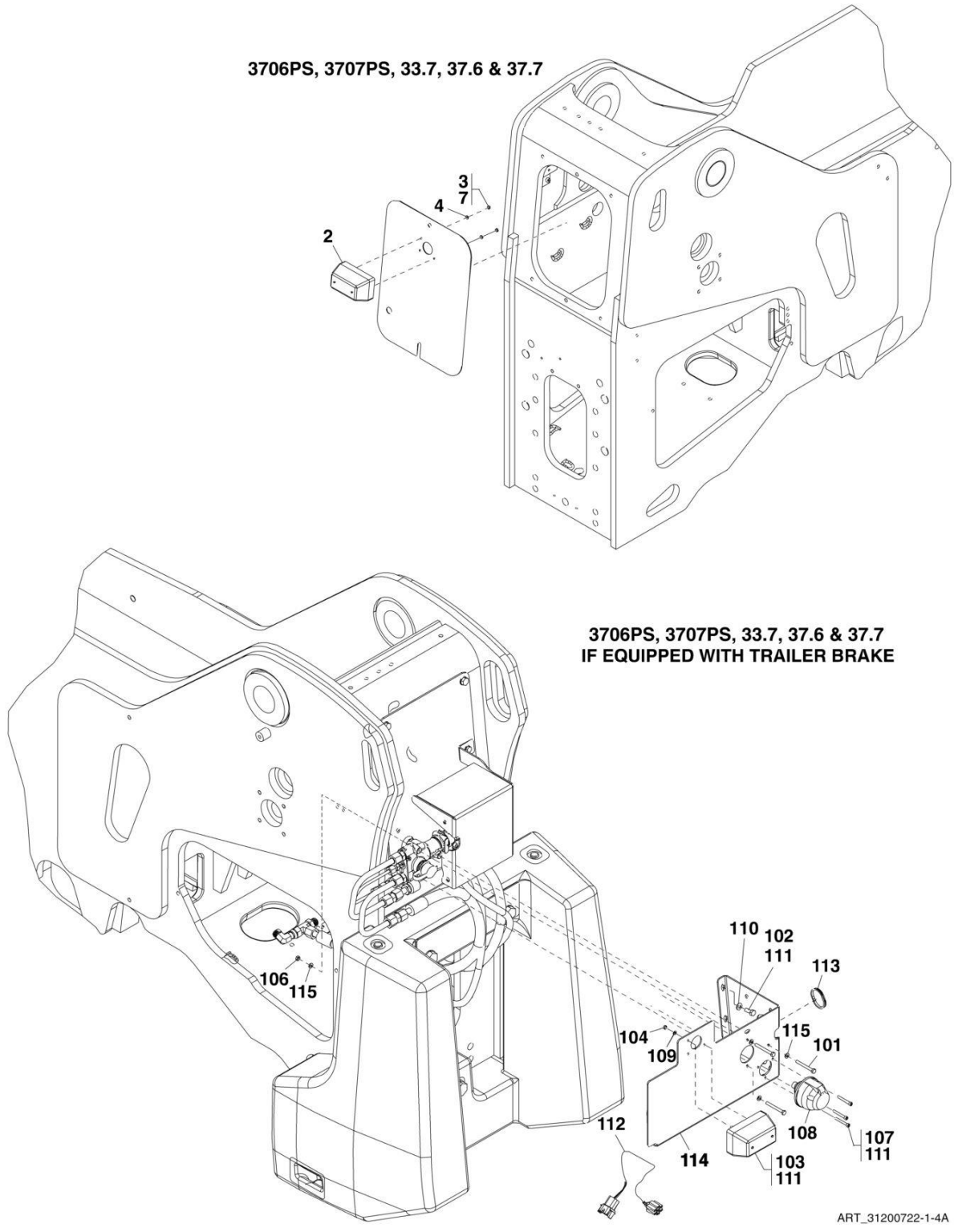


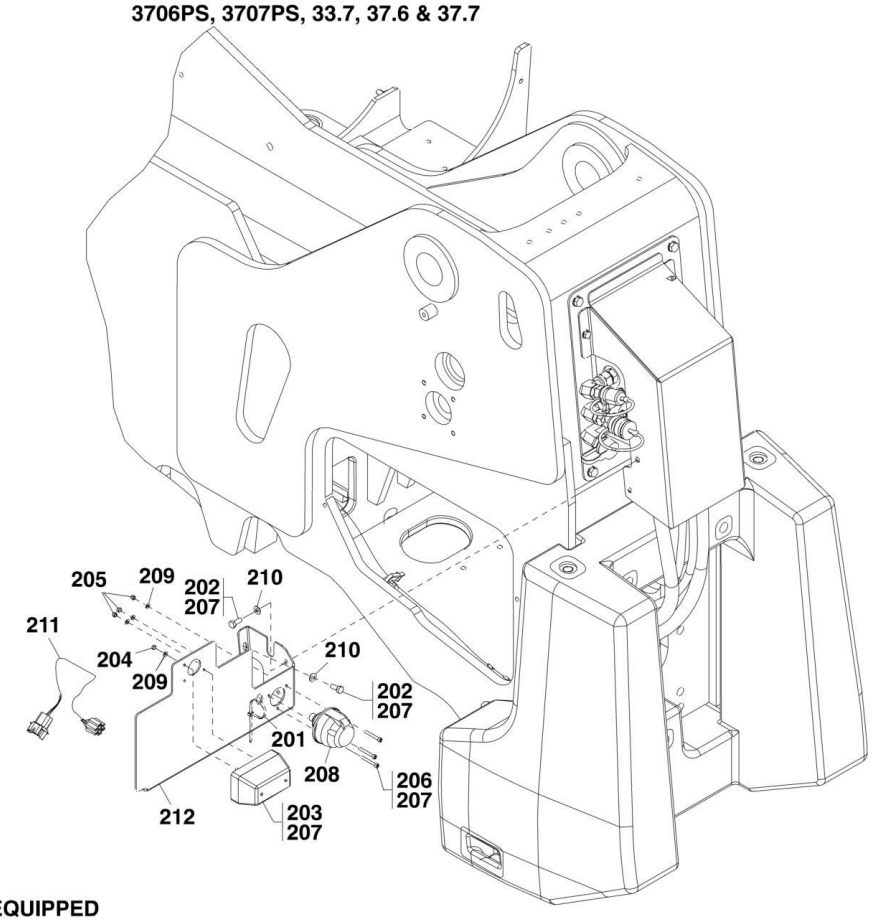
FIGURE 1-3. OUTRIGGERS (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0761008	2	HEX HD CAPSCREW, M10X16, GR8.8	
11	2160016	2	STRAIGHT GREASE FITTING	
20	1001002503	2	PIN	
22		Ref	OUTRIGGER CYLINDER AND MOUNTING HARDWARE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
36	1001169243	2	OUTRIGGER PAD WELDMENT	
47	1001008948	2	HARD WASHER	
50	1001145267	2	OUTRIGGER LEG ASSY	
57	1001095650	AR	LOCTITE 243	
80	2220237	2	PLUG	
302	0760810	4	HEX HD CAPSCREW, M8X25	
305	4811902	4	WASHER, 8mm	
313	1001095650	AR	LOCTITE 243	
315	1001112130J	1	COVER PLATE	

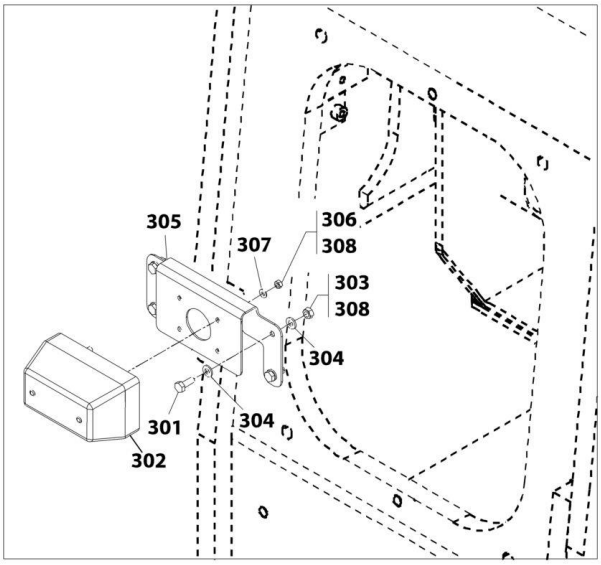
FIGURE 1-4. LICENSE PLATE INSTALLATION (33.7,37.6,37.7,3706PS,3707PS)



ITALY - IF EQUIPPED WITH TRAILER BRAKE
3706PS, 3707PS, 33.7, 37.6 & 37.7



IF EQUIPPED



ART_PZ8701-B

FIGURE 1-4. LICENSE PLATE INSTALLATION (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001094976	Ref	LICENSE PLATE INSTALLATION (not available to order, see items 2 thru 7 for service)	B
2	2920204	1	LICENSE PLATE LIGHT	
3	3290501	2	HEX NUT, M5X0.8	
4	4811600	2	WASHER, 5mm	
7	1001095650	AR	LOCTITE 243	
	1001146001	Ref	LICENSE PLATE INSTALLATION (if equipped with trailer brake) (not available to order, see items 101 thru 115 for service)	F
101	0700619	3	HEX HD CAPSCREW, M6X55, GR8.8	
102	0760810	2	HEX HD CAPSCREW, M8X20, GR8.8	
103	2920204	1	LICENSE PLATE LIGHT	
104	3290501	2	HEX NUT, M5X0.8	
106	3290601	3	HEX NUT, M6X1	
107	4031612	3	SOCKET HD CAPSCREW, M5X40	
108	4461170	1	TRAILER CONNECTOR AND BOOT, 7 PIN	
109	4811600	2	WASHER, 5mm	
110	4811900	2	WASHER, 8mm	
111	1001095650	AR	LOCTITE 243	
112	1001111743	1	LINK TRAILER OPTION HARNESS	
113	1001158328	1	EDGE TRIM SEAL	
114	1001159244J	1	LICENSE PLATE BRACKET	
115	4811700	6	WASHER, 6mm	
	1001146018	Ref	LICENSE PLATE INSTALLATION (Italy) (if equipped with trailer brake) (not available to order, see items 201 thru 212 for service)	B
201	471678	1	CABLE BAND, 4.8X204mm	
202	0760810	3	HEX HD CAPSCREW, M8X20, GR8.8	
203	2920204	1	LICENSE PLATE LIGHT	
204	3290501	2	HEX NUT, M5X0.8	
205	3290505	3	HEX LOCKNUT, M5X0.8	
206	4031612	3	SOCKET HD CAPSCREW, M5X40	
207	1001095650	AR	LOCTITE 243	
208	4461170	1	TRAILER CONNECTOR AND BOOT, 7 PIN	
209	4811600	5	WASHER, 5mm	
210	4811900	3	WASHER, 8mm	
211	1001111743	1	LINK TRAILER OPTION HARNESS	
212	1001106748J	1	LICENSE PLATE BRACKET	
	1001099028	Ref	LICENSE PLATE LIGHT INSTALLATION, (not available to order, see items 1 thru 8 for service)	B
301	0760608	4	HEX HD CAPSCREW, M6X16, GR8.8	
302	2920204	1	LICENSE PLATE LIGHT	
302	70021341	1	REPLACEMENT BULB, 12V-5W	
303	3290601	4	HEX NUT, M6X1	
304	4811700	8	WASHER, 6mm	
305	1001097524	1	PLATE MOUNT	
306	3290501	2	HEX NUT, M5X0.8	
307	4811600	2	WASHER, 5mm	
308	1001095650	AR	LOCTITE 243	

FIGURE 1-5. RETRIEVAL HITCH

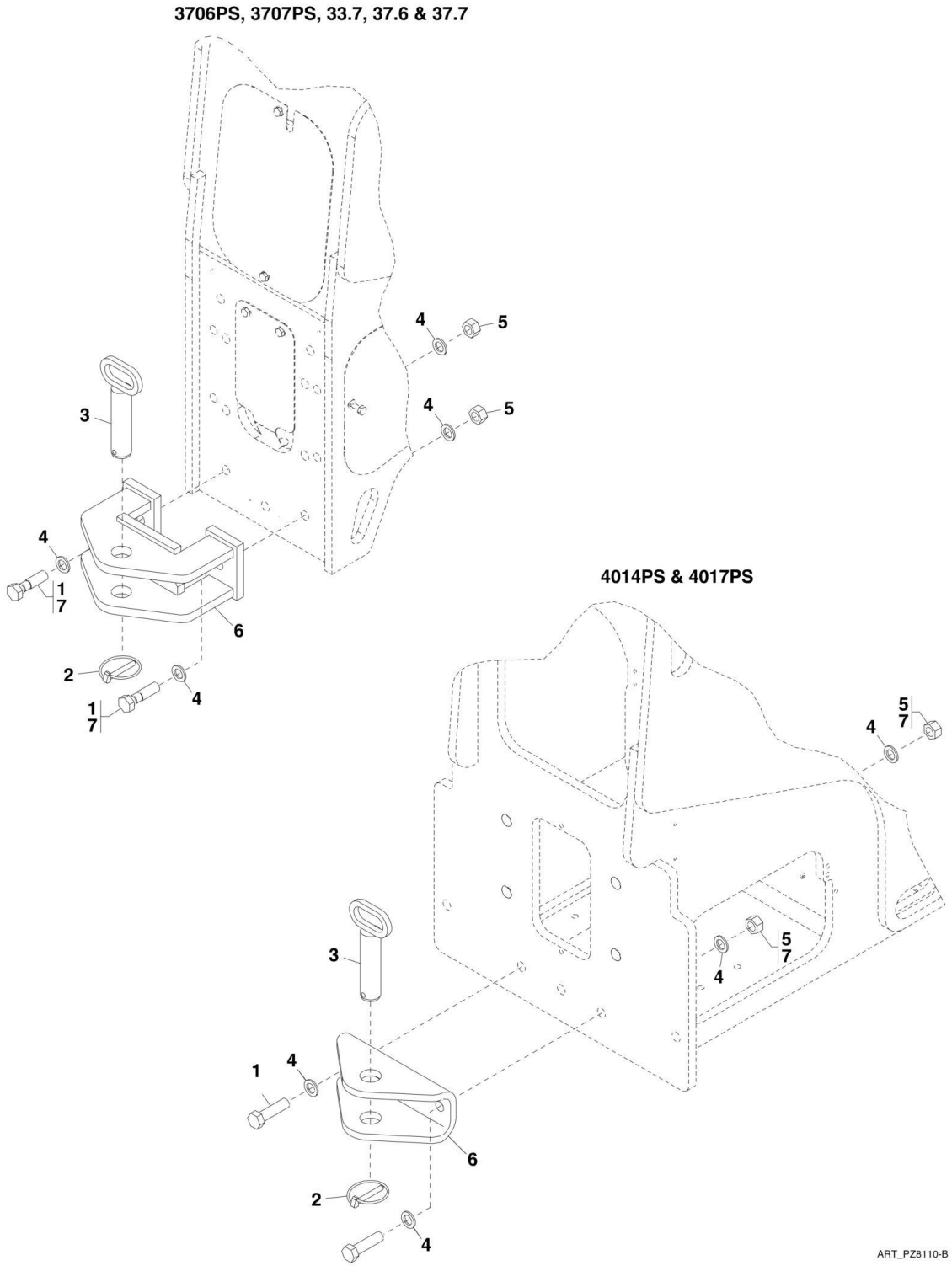


FIGURE 1-5. RETRIEVAL HITCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098458	1	RETRIEVAL HITCH (if equipped) (includes all items) (33.7,37.6,37.7,3706PS,3707PS)	C
	1001005207	1	RETRIEVAL HITCH (if equipped) (includes all items) (4014PS,4017PS)	D
1	0711624	2	HEX HD CAPSCREW, M16X80, GR10.9 (33.7,37.6,37.7,3706PS,3707PS)	
1	1001151044	2	HEX HD CAPSCREW, M20X75, GR12.9 (4014PS,4017PS)	
2	1001003803	1	RING PIN (33.7,37.6,37.7,3706PS,3707PS)	
3	1001005267	1	PIN (33.7,37.6,37.7,3706PS,3707PS)	
3	1001238877	1	PIN HITCH (See Separate Breakdown in this Section) (4014PS,4017PS)	
4	5241600	4	WASHER, 16mm (33.7,37.6,37.7,3706PS,3707PS)	
4	1001009094	4	HARD WASHER (4014PS,4017PS)	
5	3331611	2	HEX NUT, M16X2 (33.7,37.6,37.7,3706PS,3707PS)	
5	1001009095	2	FULL NUT (4014PS,4017PS)	
6	1001106570	NLA	RETRIEVAL HITCH (no longer available, use 1001238460 for replacement) (33.7,37.6,37.7,3706PS,3707PS)	
6	1001238460	1	RETRIEVAL HITCH (33.7,37.6,37.7,3706PS,3707PS)	
6	1001005134	NLA	RETRIEVAL HITCH (no longer available, use 1001237489 for replacement) (4014PS,4017PS)	
6	1001237489	1	RETRIEVAL HITCH (4014PS,4017PS)	
7	1001095650	AR	LOCTITE 24 (33.7,37.6,37.7,3706PS,3707PS)	

FIGURE 1-6. PIN HITCH, AUTO HITCH AND PITON FRAME - AUTO HITCH (33.7,37.6,37.7,3706PS,3707PS)

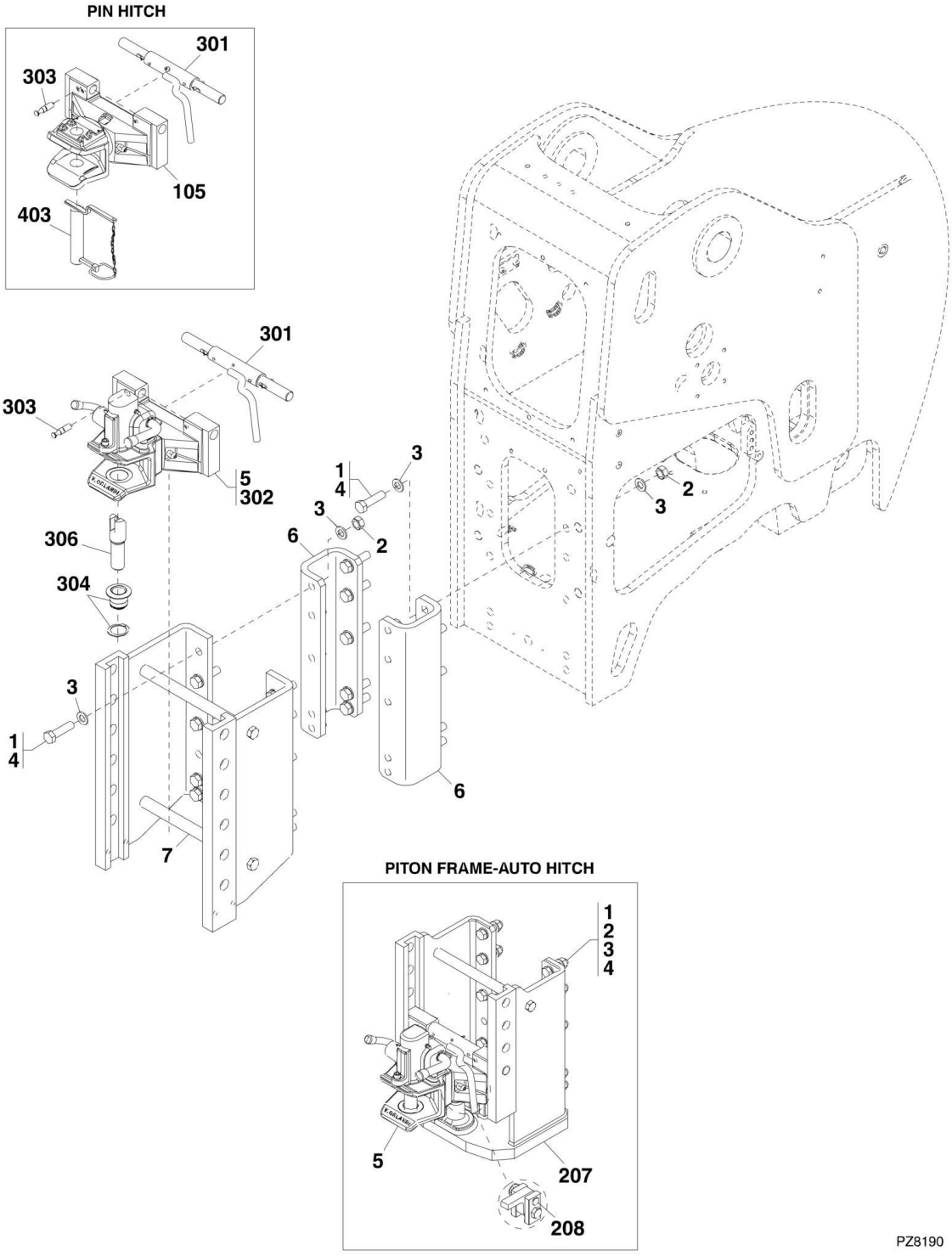


FIGURE 1-6. PIN HITCH, AUTO HITCH AND PITON FRAME - AUTO HITCH (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102916	Ref	HITCH INSTALLATION, (Auto Hitch) (if equipped) (not available to order, see items 1 thru 7 for service) (37.6,37.7,3706PS,3707PS)	B
	1001102917	Ref	HITCH INSTALLATION (Pin Hitch) (if equipped) (not available to order, see items 1 thru 4, 6, 7 & 105 for service) (37.6,37.7,3706PS,3707PS)	B
	1001102920	Ref	HITCH INSTALLATION (Piton Frame-Auto Hitch) (if equipped) (not available to order, see items 1 thru 6 & 207 for service) (37.6,37.7,3706PS,3707PS)	B
1	0701620	20	HEX HD CAPSCREW, M16X60, GR8.8 (torque to 241 Nm/178 lb-ft) (37.6,37.7,3706PS,3707PS)	
2	3291601	20	HEX NUT, M16X2 (37.6,37.7,3706PS,3707PS)	
3	4812300	40	WASHER, 16mm (37.6,37.7,3706PS,3707PS)	
4	1001095650	AR	LOCTITE 243	
5	1001098629	1	HITCH ASSY, (Auto Hitch and Piton Frame-Auto Hitch), (includes items 301 thru 306)	A
6	1001146081	2	HITCH BRACKET	
7	1001103597	1	HITCH FRAME, (Auto Hitch and Pin Hitch)	
105	1001098630	1	HITCH ASSY, (Pin Hitch), (includes items 301, 303 & 403)	A
207	1001104302	1	HITCH FRAME, (Piton Frame-Auto Hitch), (includes item 208)	
208	70023348	1	KEEPER KIT, (includes keeper, screw, nut, pin and ring pin)	
301	70022821	1	OPENING LEVER	
302	70022822	1	BOX MECHANISM	
303	70022823	1	SECURITY PIVOT	
304	70022824	1	BUSHING	
306	70022825	1	PIN	
403	70022826	1	PIN	

FIGURE 1-7. PIN HITCH - CUNA C AND CUNA D2 (33.7,37.6,37.7,3706PS,3707PS)

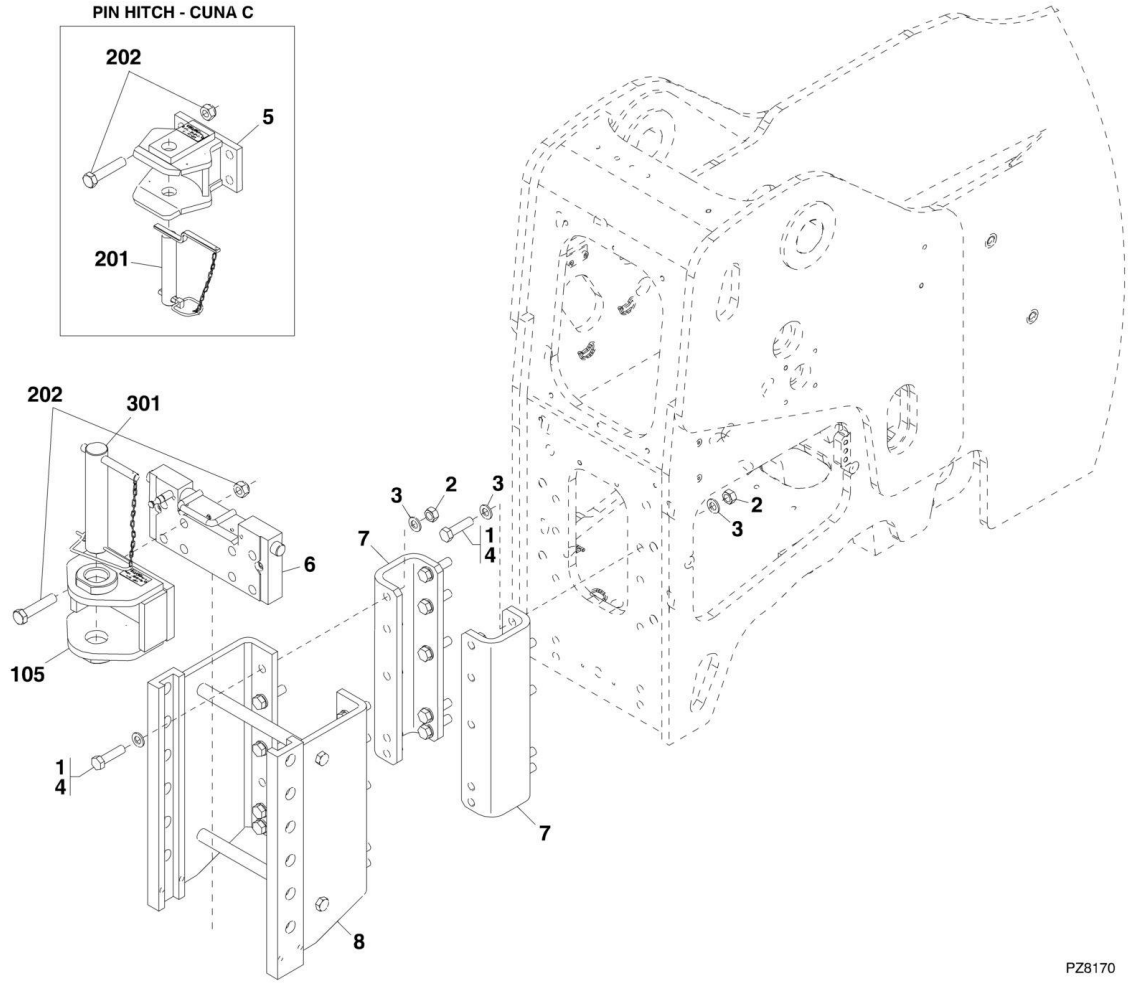


FIGURE 1-7. PIN HITCH - CUNA C AND CUNA D2 (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102918	Ref	HITCH INSTALLATION (Pin Hitch - Cuna C) (Italy) (if equipped) (not available to order, see items 1 thru 8 for service) (37.6,37.7,3706PS,3707PS)	B
	1001102919	Ref	HITCH INSTALLATION (Pin Hitch - Cuna D2) (Italy) (if equipped) (not available to order, see items 1 thru 4, 6 thru 8 & 105 for service) (37.6,37.7,3706PS,3707PS)	B
1	0701620	20	HEX HD CAPSCREW, M16X60, GR8.8 (torque to 241 Nm/178 lb-ft) (37.6,37.7,3706PS,3707PS)	
2	3291601	20	HEX NUT, M16X2 (37.6,37.7,3706PS,3707PS)	
3	4812300	40	WASHER, 16mm (37.6,37.7,3706PS,3707PS)	
4	1001095650	AR	LOCTITE 243	
5	1001098631	1	HITCH ASSY, (Pin Hitch - Cuna C), (includes items 201 & 202)	A
6	1001098636	1	PLATE ADAPTER	
7	1001146081	2	BRACKET	
8	1001103597	1	HITCH FRAME	
105	1001098632	1	HITCH ASSY, (Pin Hitch - Cuna D2), (includes items 202 & 301)	A
201	70022818	1	PIN	
202	70022819	4	MOUNTING HARDWARE	
301	70022820	1	PIN	

FIGURE 1-8. HYDRAULIC HITCH (33.7,37.6,37.7,3706PS,3707PS)

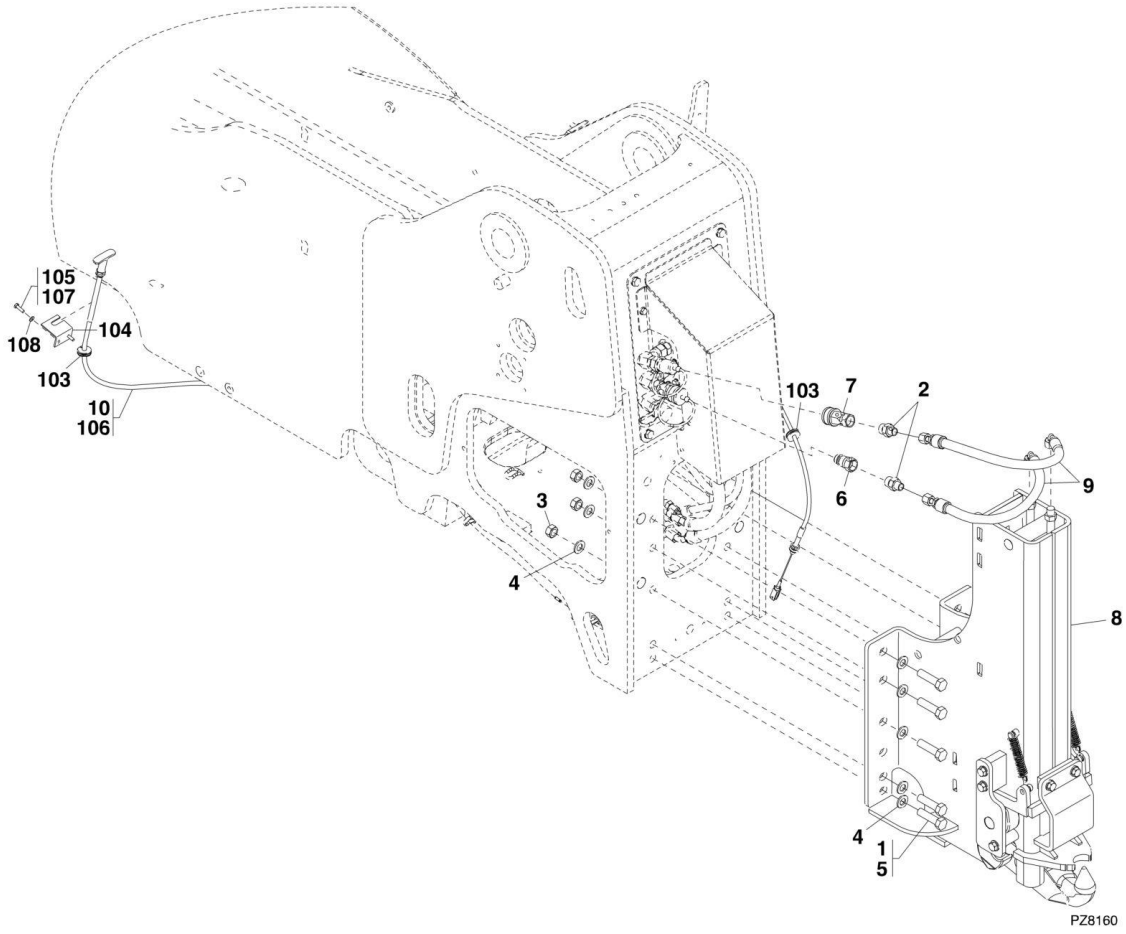
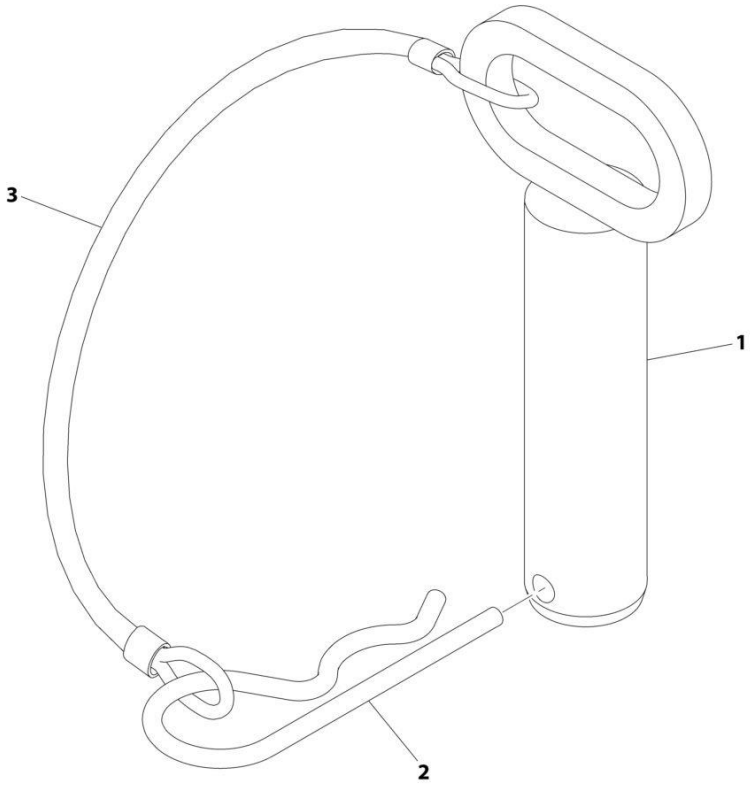


FIGURE 1-8. HYDRAULIC HITCH (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144636	1	HYDRAULIC HITCH INSTALLATION (if equipped) (not available to order, see items 1 thru 10 for service) (37.6,37.7,3706PS,3707PS)	B
1	0701620	10	HEX HD CAPSCREW, M16X60, GR8.8, (torque to 241 Nm/178 lb-ft)	
2	2110610	2	ADAPTER, (includes o-ring)	
3	3291601	10	HEX NUT, M16X2	
4	4812300	20	WASHER, 16mm	
5	1001095650	AR	LOCTITE 243	
6	1001101041	1	MALE QUICK DISCONNECT	
7	1001101042	1	FEMALE QUICK DISCONNECT	
8	1001118096	1	HYDRAULIC HITCH (37.6,37.7,3706PS,3707PS)	
9	1001144637	2	HOSE ASSY	
10	1001158829	Ref	HITCH RELEASE CABLE INSTALLATION, (not available to order, see items 103 thru 108 for service)	A
103	1001008469	2	GROMMET	
104	1001091789	1	BRACKET	
105	1001095650	AR	LOCTITE 243	
106	1001128131	1	CABLE	
107	0700610	2	HEX HD CAPSCREW, M6X20, GR8.8, (torque to 12 Nm/9 lb-ft)	
108	4811700	2	WASHER, 6mm	

FIGURE 1-9. HITCH PIN ASSEMBLY



ART_1001238877-A

FIGURE 1-9. HITCH PIN ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238877	Ref	Hitch Pin Assembly	A
1	1001005267	1	Pin	
2	1001238919	1	Pin Cotter	
3	1001238915	1	Lanyard, Hitch Pin	

SECTION 2 - BOOM

SECTION 2 - BOOM

FIGURE 2-1. BOOM INSTALLATION (33.7,37.6,37.7,3706PS,3707PS)

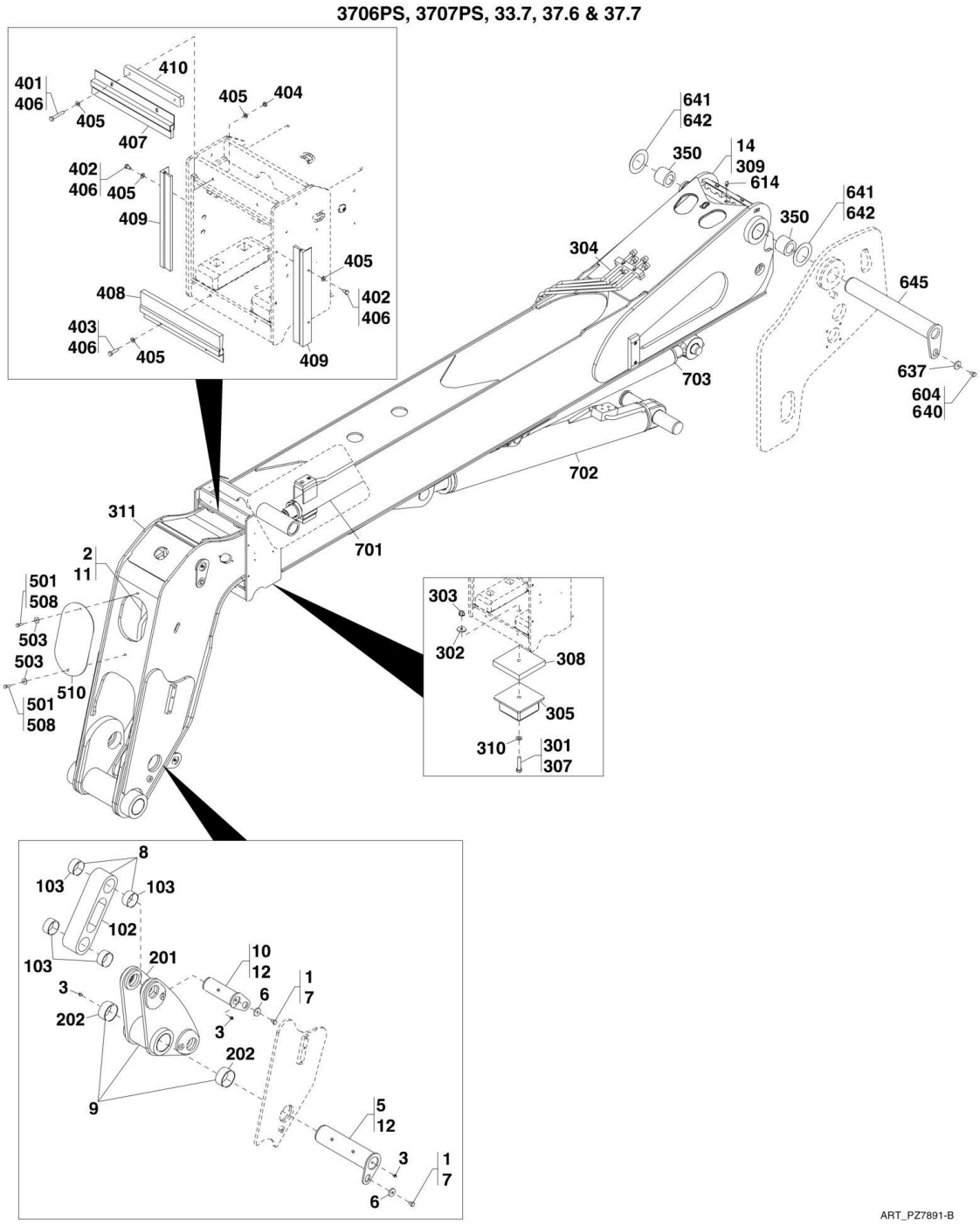


FIGURE 2-1. BOOM INSTALLATION (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142037	Ref	BOOM INSTALLATION (not available to order, see items 1 thru 14 for service) (3706PS)	C
	1001142039	Ref	BOOM INSTALLATION (not available to order, see items 1 thru 14 for service) (3707PS)	C
1	0761007	2	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/37 lb-ft)	
2		Ref	TILT CYLINDER HYDRAULICS, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
3	2160016	5	GREASE FITTING	
5	1001002525	1	PIN	
6	1001008948	2	WASHER	
7	1001095650	AR	LOCTITE 243	
8	1001096870	1	LINK ASSEMBLY, (includes items 102 & 103)	B
9	1001096930	1	LEVER ASSEMBLY, (includes items 201 & 202)	C
10	1001097127	1	PIN	
11		Ref	TILT CYLINDER AND HARDWARE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
12	1001098457	AR	LITHIUM GREASE	
14	1001142036	1	BOOM ASSEMBLY (includes items 301 thru 311) (3706PS)	K
14	1001142038	1	BOOM ASSEMBLY (includes items 304, 306, 309 & 311) (3707PS)	M
102	1001096726	1	WELDMENT	
103	1001100442	4	BEARING	
201	1001002606	1	WELDMENT	
202	1001092298	2	BEARING	
301	0701018	1	HEX HD CAPSCREW, M10X50, GR8.8 (torque to 55 Nm/37 lb-ft) (37.6,3706PS)	
302	4812002	1	WASHER, 10mm (37.6,3706PS)	
303	5221000	1	NUT, 10mm (37.6,3706PS)	
304		Ref	BOOM HYDRAULIC INSTALLATION, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
305	1001003132	1	PAD (37.6,3706PS)	
306		Ref	BOOM AUXILIARY ELECTRIC INSTALLATION, (not shown), (See ELECTRICAL SECTION for Breakdown)	
307	1001095650	AR	LOCTITE 243	
308	1001108621	1	PLATE (37.6,3706PS)	
309		Ref	FIRST BOOM SECTION, (See FIRST BOOM SECTION for Breakdown)	
310	1001125115	1	WASHER, 10mm (37.6,3706PS)	
311		Ref	SECOND BOOM SECTION, (See SECOND BOOM SECTION for Breakdown)	
350	1001090150	2	BUSHING	
	1001101694	Ref	BRUSH INSTALLATION, (not available to order, see items 401 thru 410 for service)	B
401	0700616	2	HEX HD CAPSCREW, M6X40, GR8.8, (torque to 12 Nm/9 lb-ft)	
402	0760605	4	HEX HD CAPSCREW, M6X10, GR8.8, (torque to 12 Nm/9 lb-ft)	
403	0760612	2	HEX HD CAPSCREW, M6X25, GR8.8, (torque to 12 Nm/9 lb-ft)	
404	3290601	4	HEX NUT, M6X1	
405	4811700	12	WASHER, 6mm	
406	1001095650	AR	LOCTITE 243	
407	1001101632	1	SEAL	
408	1001101633	1	SEAL	
409	1001101674	2	SEAL	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
410	1001101695	1	SPACER	
501	0760812	2	HEX HD CAPSCRW, M8X25, GR8.8, (torque to 28 Nm/21 lb-ft)	
503	4811902	2	WASHER, 8mm	
508	1001095650	AR	LOCTITE 243	
510	1001141765	1	COVER	
604	0761007	1	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/41 lb-ft)	
614	2160017	1	GREASE FITTING, 45	
637	1001008948	1	WASHER, 10mm	
640	1001095650	AR	LOCTITE 243	
641	1001098146	AR	SHIM, 72X110X0.5	
642	1001098147	AR	SHIM, 72X110X1.0	
645	1001100154	1	PIN	
701		Ref	EXTEND/RETRACT CYLINDER AND HARDWARE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
702		Ref	LIFT CYLINDER AND HARDWARE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
703		Ref	COMPENSATION CYLINDER AND HARDWARE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	

FIGURE 2-2. BOOM INSTALLATION (4014PS)

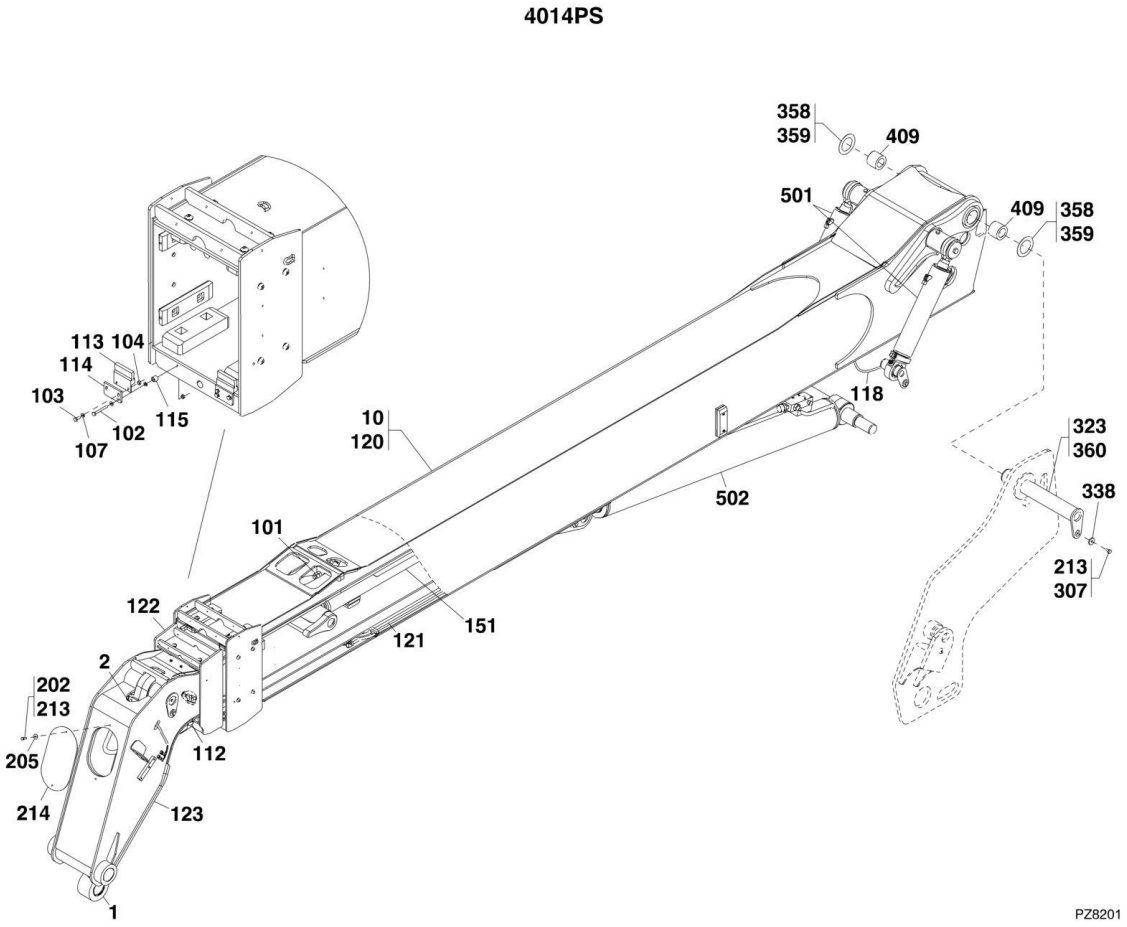


FIGURE 2-2. BOOM INSTALLATION (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001138114	Ref	BOOM INSTALLATION, (not available to order, see items 1, 2 & 10 for service)	C
	1001138115	Ref	BOOM INSTALLATION, (if equipped for platform), (not available to order, see items 1, 2 & 10 for service)	D
1		Ref	TILT CYLINDER AND HARDWARE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
2		Ref	TILT CYLINDER HYDRAULIC COMPONENTS, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
10	1001142049	1	BOOM ASSEMBLY, (includes items 101 thru 151)	M
10	1001142050	1	BOOM ASSEMBLY, (if equipped for platform), (includes items 101 thru 151)	L
101		Ref	EXTEND CHAINS, (See EXTEND CHAINS for Breakdown)	
102	0700618	2	HEX HD CAPSCREW, M6X50, GR8.8, (torque to 11 Nm/8.1 lb-ft)	
103	0760608	4	HEX HD CAPSCREW, M6X16, GR8.8, (torque to 11 Nm/8.1 lb-ft)	
104	3290601	6	HEX NUT, M6X1	
107	4811700	AR	WASHER, 6mm	
112		Ref	RETRACT CHAINS, (See RETRACT CHAINS for Breakdown)	
113	1001107294	2	BOOM BRUSH SEAL	
114	1001107295	2	SPACER PLATE	
115	1001107296	2	SLEEVE	
118		Ref	AUXILIARY ELECTRIC, (See ELECTRICAL SECTION for Breakdown)	
120		Ref	FIRST BOOM SECTION, (See FIRST BOOM SECTION for Breakdown)	
121		Ref	BOOM HYDRAULIC COMPONENTS, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
122		Ref	SECOND BOOM SECTION, (See SECOND BOOM SECTION for Breakdown)	
123		Ref	THIRD BOOM SECTION, (See THIRD BOOM SECTION for Breakdown)	
151		Ref	EXTEND/RETRACT CYLINDER AND HARDWARE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
202	0760812	2	HEX HD CAPSCREW, M8X25, GR8.8, (torque to 28 Nm/21 lb-ft)	
205	4811902	2	WASHER, 8mm	
213	1001095650	AR	LOCTITE 243	
214	1001141765	1	COVER	
307	0761010	1	HEX HD CAPSCREW, M10X20, GR8.8, (torque to 55 Nm/41 lb-ft)	
323	3020040	AR	MOLY LUBRICANT PASTE	
338	1001008948	1	WASHER	
358	1001098146	AR	SHIM, 0.5	
359	1001098147	AR	SHIM, 1.0	
360	1001100212	1	PIN	
409	1001090150	2	BUSHING	
501		Ref	COMPENSATION CYLINDER AND HARDWARE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
502		Ref	LIFT CYLINDER AND HARDWARE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	

FIGURE 2-3. BOOM INSTALLATION (4017PS)

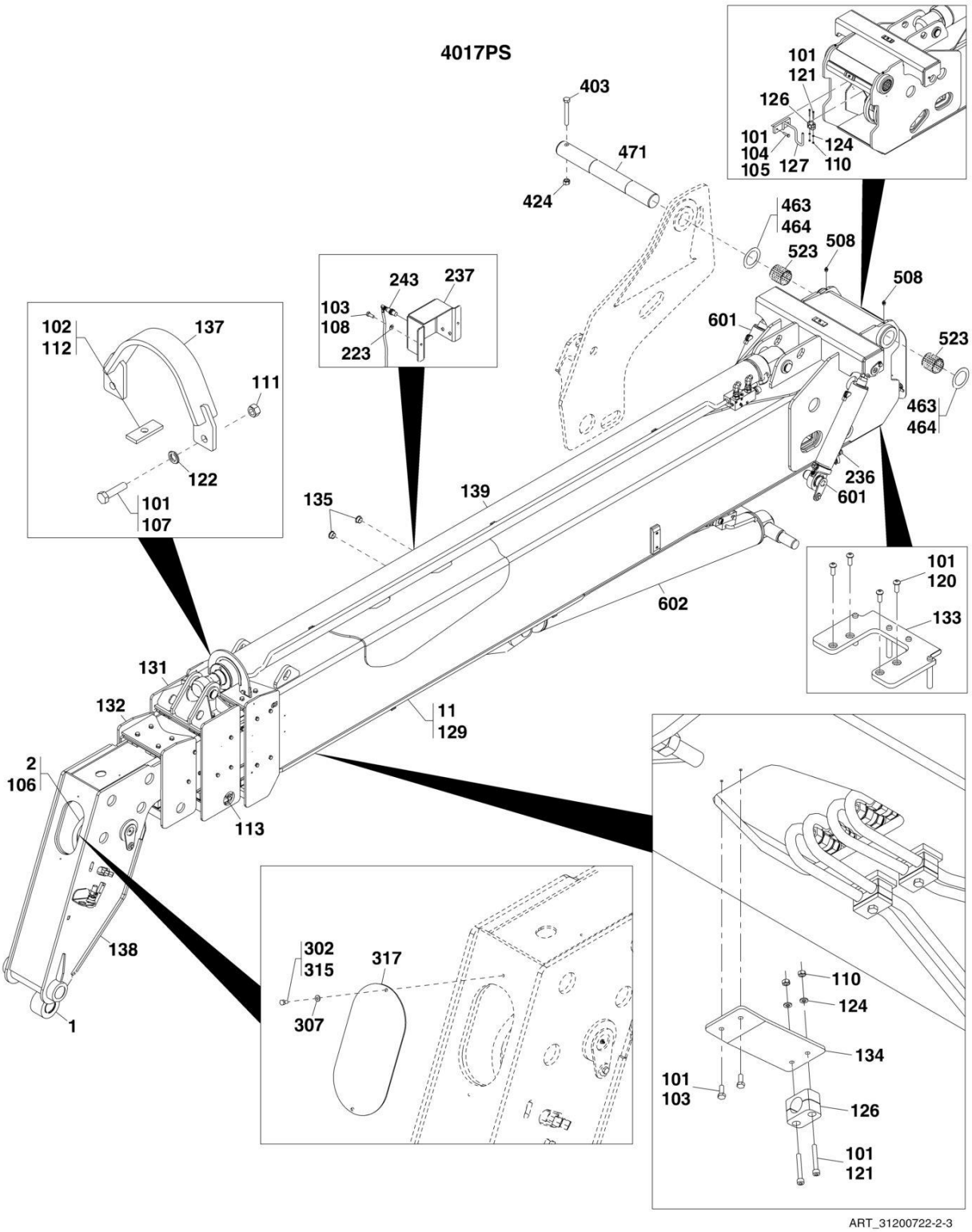


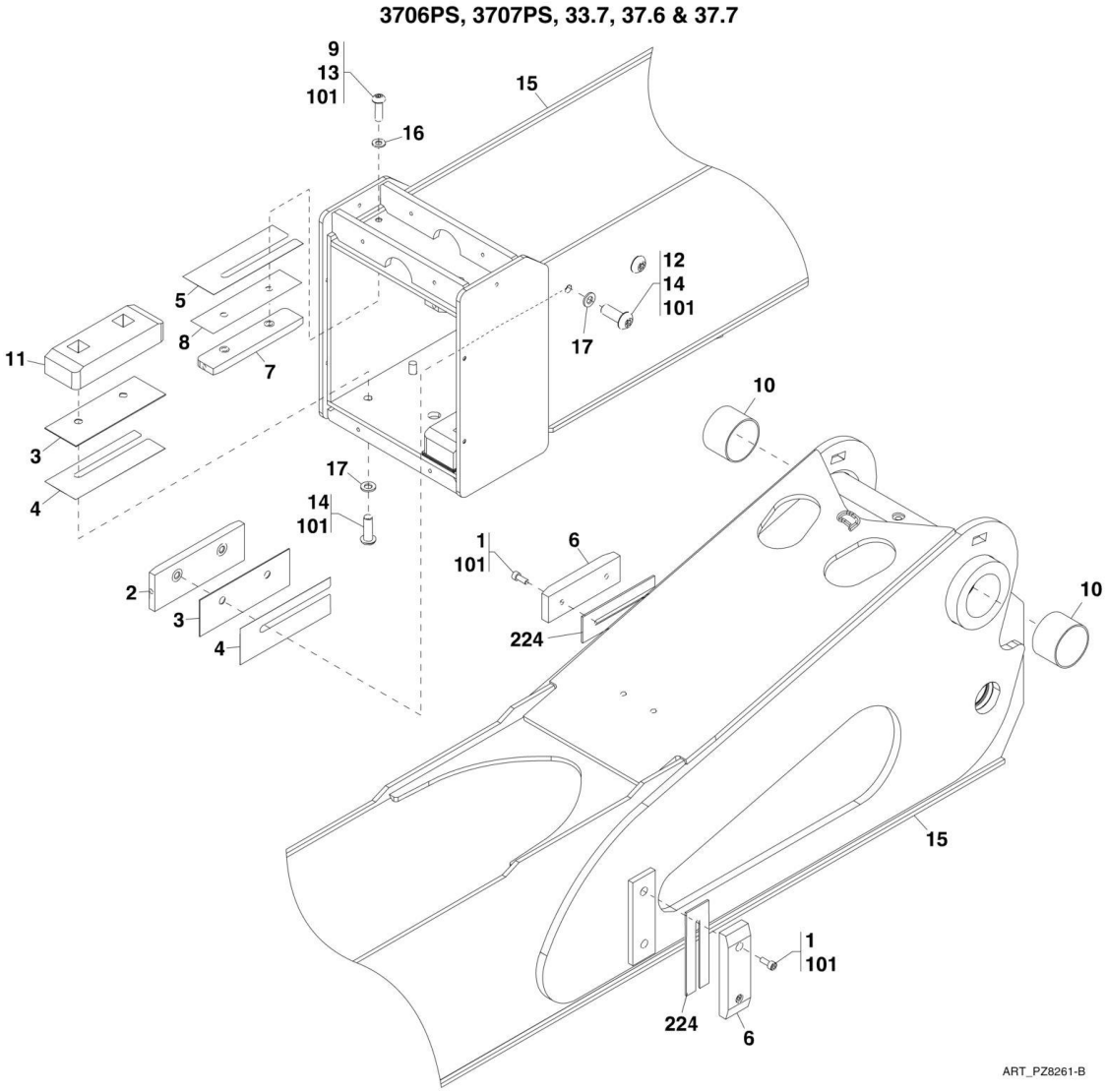
FIGURE 2-3. BOOM INSTALLATION (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001138215	Ref	BOOM INSTALLATION, (not available to order, see items 1, 2 & 11 for service)	D
	1001138216	Ref	BOOM INSTALLATION, (if equipped for platform), (not available to order, see items 1, 2 & 11 for service)	C
1		Ref	LIFT CYLINDER AND HARDWARE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
2		Ref	LIFT CYLINDER HYDRAULIC COMPONENTS, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
11	1001142051	1	BOOM ASSEMBLY, (includes items 101 thru 142)	H
11	1001142052	1	BOOM ASSEMBLY, (if equipped for platform), (includes items 101 thru 134, 137 thru 142, 223, 236, 237 & 243)	H
101	0100011	AR	LOCTITE 242	
102	0100081	AR	LOCTITE 454	
103	0760608	2	HEX HD CAPSCREW, M6X16, GR8.8	
103	0760608	4	HEX HD CAPSCREW, M6X16, GR8.8, (if equipped for platform)	
104	0761015	2	HEX HD CAPSCREW, M10X35, GR8.8	
105	0761016	2	HEX HD CAPSCREW, M10X40, GR8.8	
106		Ref	BOOM HYDRAULIC COMPONENTS, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
107	0761218	2	HEX HD CAPSCREW, M12X50, GR8.8, (torque to 97 Nm/72 lb-ft)	
108	1062255	AR	TIE STRAP	
110	3290601	4	HEX NUT, M6X1	
111	3291207	2	HEX NUT, M12X1.75	
112	3340941	1	PAD	
113		Ref	EXTEND CHAINS, (See EXTEND CHAINS for Breakdown)	
120	3900357	4	BTNHD CAP SCR, M6X16	
121	4031713	4	HEX HD CAPSCREW, M6X45	
122	4740532	2	WASHER, 12mm	
124	4831700	4	SPRING LOCKWASHER, M6	
126	1001091581	2	CLAMP	
127	1001092069	1	CABLE GUIDE BRACKET	
129		Ref	FIRST BOOM SECTION, (See FIRST BOOM SECTION for Breakdown)	
131		Ref	SECOND BOOM SECTION, (See SECOND BOOM SECTION for Breakdown)	
132		Ref	THIRD BOOM SECTION, (See THIRD BOOM SECTION for Breakdown)	
133	1001113749	1	CABLE GUIDE BRACKET, BOTTOM	
134	1001114408J	1	COUNTER WEIGHT, PLATE	
135	1001115943	2	PLUG, (not equipped for platform)	
137	1001152109	1	PLATE	
138		Ref	FOURTH BOOM SECTION, (See FOURTH BOOM SECTION for Breakdown)	
139		Ref	EXTEND/RETRACT CYLINDER AND HARDWARE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
142		Ref	RETRACT CHAINS, (not shown), (See RETRACT CHAINS for Breakdown)	
223	4811700	2	WASHER, M6, (if equipped for platform)	
236		Ref	BOOM EXTENSION HARNESS, (See ELECTRICAL SECTION for Breakdown)	
237	1001116142	1	COVER BRACKET, (if equipped for platform)	
243	1001117746	1	PROXIMITY SENSOR HARNESS, (if equipped for platform)	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
243	80374114	1	CONNECTOR	
243	1001104497	1	TERMINAL	
243	1001116698	1	SEAL PLUG	
302	0760808	2	HEX HD CAPSCREW, M8X16, GR8.8, (torque to 28 Nm/21 lb-ft)	
307	4811900	2	WASHER, 8mm	
315	1001095650	AR	LOCTITE 243	
317	1001141772	1	COVER	
403	0712032	1	HEX HD CAPSCREW, M20X150, GR10.9, (torque to 300 Nm/221 lb-ft)	
424	3332015	1	HEX NUT, M20X2.5	
463	1001111830	AR	SHIM, 1.0	
464	1001111831	AR	SHIM, 0.5	
471	1001131165	1	PIN	
508	2160016	1	GREASE FITTING	
523	8008047	2	BUSHING	
601		Ref	LIFT CYLINDER AND HARDWARE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
602		Ref	COMPENSATION CYLINDER AND HARDWARE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	

FIGURE 2-4. FIRST BOOM SECTION (33.7,37.6,37.7,3706PS,3707PS)

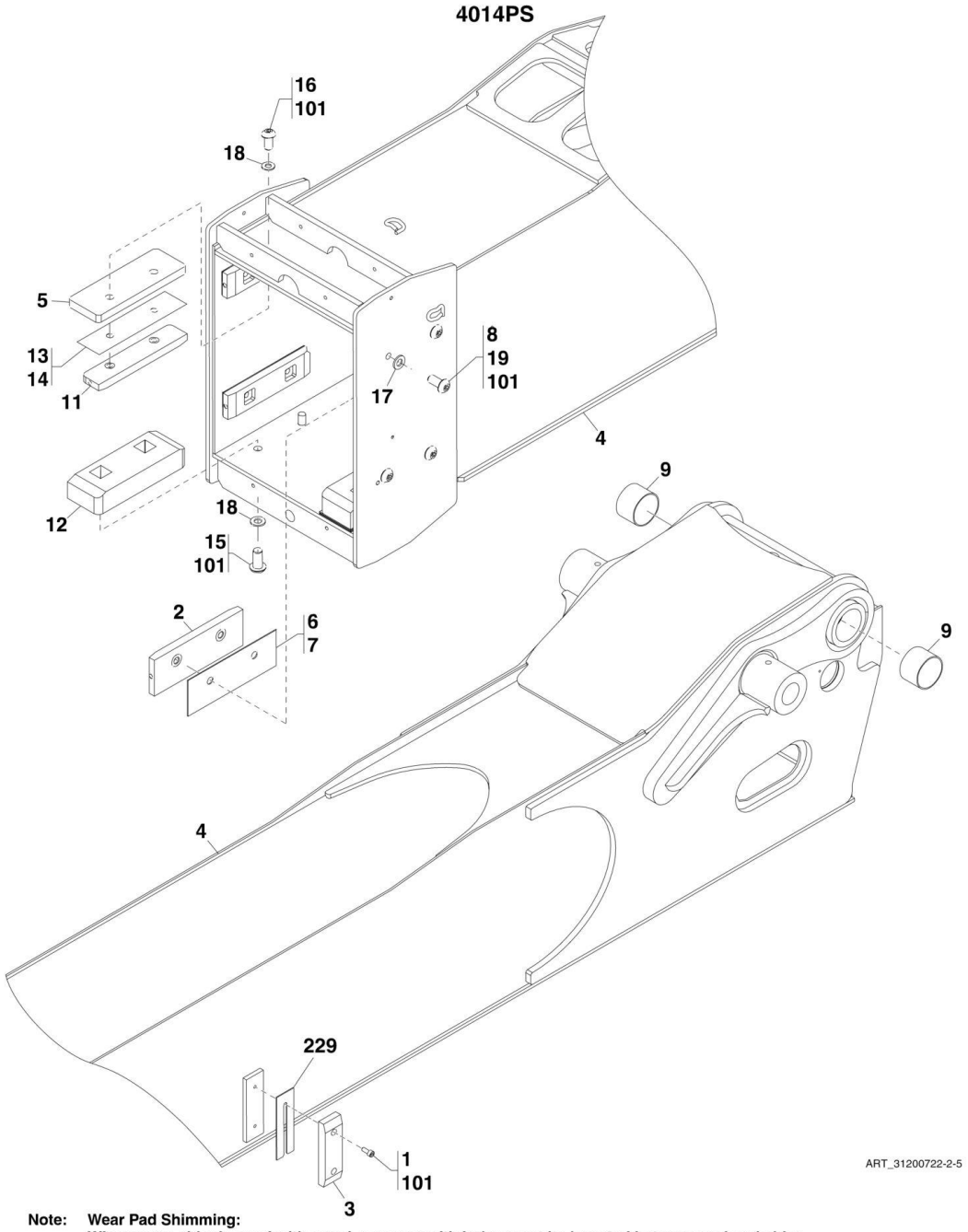


Note: Wear Pad Shimming:
Whenever a shim is used with a pad, a spacer with holes must be inserted between pad and shim.
The wear pad or wear pad insert must not sit directly on the slotted surface of shims.
Add wear pad shims and spacers as required to shim boom to maintain a total minimum gap of 0,5 to 1,5 mm (0.02 to 0.05 in) in both horizontal and vertical directions.
Wear pad bolts require one hardened washer. However, up to (2) hardened washers may be used except where noted otherwise. Under no circumstances should more than (2) hardened washers ever be used.
The length of pad bolts depends on the number of the shims used. The bolt cannot extend past chamfer on wear pad.
Add Lithium Grease (1001098457) to all wear pads and all wear pad slide pathways. If applicable, this includes all pad grease fittings at the rear of boom.

FIGURE 2-4. FIRST BOOM SECTION (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149232	1	FIRST BOOM SECTION ASSEMBLY (includes all items) (3706PS)	D
	1001149234	1	FIRST BOOM SECTION ASSEMBLY (includes all items) (3707PS)	D
1	4031908	4	SOCKET HD CAPSCREW, M8X20	
2	4700021	2	WEAR PAD	
3	8003243	4	SPACER	
4	8008634	AR	SHIM, 70X200X0.5mm	
5	8008640	AR	SHIM, 70X200X0.5mm	
6	8010148	2	WEAR PAD	
7	1001002261	2	WEAR PAD	
8	1001003031	AR	SPACER, 50X198X1.5mm	
9	1001009325	3	TORX HD CAPSCREW, M10X25, GR8.8, (torque to 55 Nm/41 lb-ft)	
10		Ref	BUSHING, (See BOOM INSTALLATION for Breakdown)	
11	1001096322	2	WEAR PAD	
12	1001104937	AR	TORX HD CAPSCREW, M12X25, (torque to 100 Nm/74 lb-ft)	
13	1001105081	AR	TORX HD CAPSCREW, M10X30, (torque to 100 Nm/74 lb-ft)	
14	1001105260	AR	TORX HD CAPSCREW, M12X30, (torque to 100 Nm/74 lb-ft)	
15	1001125071J	1	WELDMENT (3706PS)	
15	1001125264J	1	WELDMENT (3707PS)	
16	1001125115	AR	WASHER, 10mm	
17	1001125117	AR	WASHER, 12mm	
101	1001095650	AR	LOCTITE 243	
224	8009987	AR	SHIM, 50X160X2.0mm	

FIGURE 2-5. FIRST BOOM SECTION (4014PS)

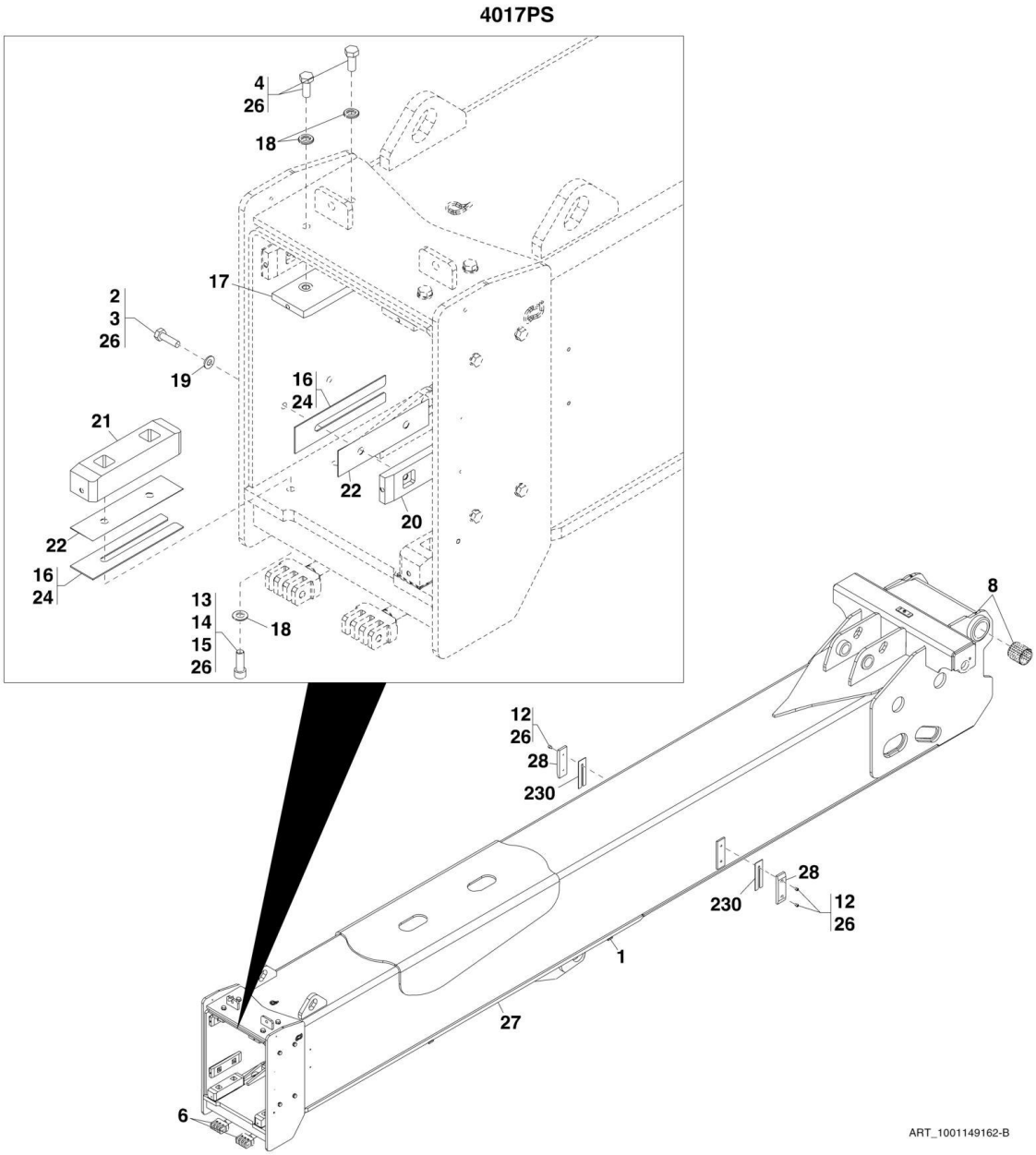


Note: Wear Pad Shimming:
Whenever a shim is used with a pad, a spacer with holes must be inserted between pad and shim.
The wear pad or wear pad insert must not sit directly on the slotted surface of shims.
Add wear pad shims and spacers as required to shim boom to maintain a total minimum gap of 0,5 to 1,5 mm (0.02 to 0.05 in) in both horizontal and vertical directions.
Wear pad bolts require one hardened washer. However, up to (2) hardened washers may be used except where noted otherwise. Under no circumstances should more than (2) hardened washers ever be used.
The length of pad bolts depends on the number of the shims used. The bolt cannot extend past chamfer on wear pad.
Add Lithium Grease (1001098457) to all wear pads and all wear pad slide pathways. If applicable, this includes all pad grease fittings at the rear of boom.

FIGURE 2-5. FIRST BOOM SECTION (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149221	1	FIRST BOOM SECTION ASSEMBLY, (includes all items)	B
1	4031908	4	SOCKET HD CAPSCREW, M8X20	
2	8002200	4	WEAR PAD	
3	8010148	2	WEAR PAD	
4	1001002207J	1	WELDMENT	
5	1001002468	2	WEAR PAD SUPPORT	
6	1001003030	AR	SPACER, 50X198X0.75mm	
7	1001003031	AR	SPACER, 50X198X1.5mm	
8	1001009325	3	TORX HD CAPSCREW, M10X25, GR8.8, (torque to 55 Nm/41 lb-ft)	
9		Ref	BUSHING, (See BOOM INSTALLATION for Breakdown)	
11	1001096320	2	WEAR PAD	
12	1001096322	2	WEAR PAD	
13	1001097302	AR	SPACER, 50X198X0.75mm	
14	1001097303	AR	SPACER, 50X198X1.5mm	
15	1001104937	4	TORX HD CAPSCREW, M12X25, (torque to 100 Nm/74 lb-ft)	
16	1001104990	4	TORX HD CAPSCREW, M12X45, (torque to 100 Nm/74 lb-ft)	
17	1001125115	AR	WASHER, 10mm	
18	1001125117	AR	WASHER, 12mm	
19	1001105081	AR	TORX HD CAPSCREW, M10X30, (torque to 100 Nm/74 lb-ft)	
101	1001095650	AR	LOCTITE 243	
229	8009987	AR	SHIM,50X160X2.0mm	

FIGURE 2-6. FIRST BOOM SECTION (4017PS)

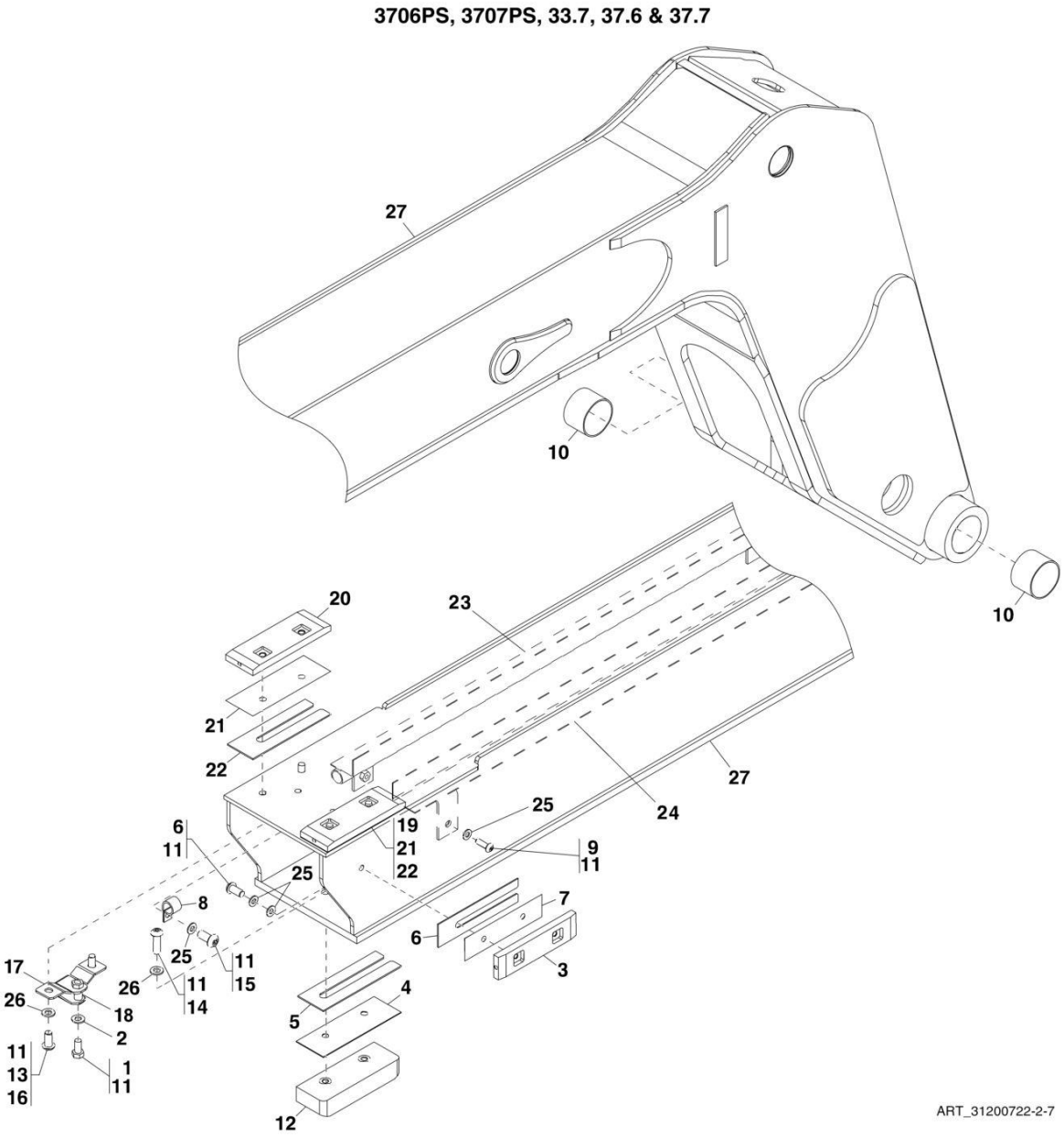


Note: **Wear Pad Shimming:**
Whenever a shim is used with a pad, a spacer with holes must be inserted between pad and shim.
The wear pad or wear pad insert must not sit directly on the slotted surface of shims.
Add wear pad shims and spacers as required to shim boom to maintain a total minimum gap of 0,5 to 1,5 mm (0.02 to 0.05 in) in both horizontal and vertical directions.
Wear pad bolts require one hardened washer. However, up to (2) hardened washers may be used except where noted otherwise. Under no circumstances should more than (2) hardened washers ever be used.
The length of pad bolts depends on the number of the shims used. The bolt cannot extend past chamfer on wear pad.
Add Lithium Grease (1001098457) to all wear pads and all wear pad slide pathways. If applicable, this includes all pad grease fittings at the rear of boom.

FIGURE 2-6. FIRST BOOM SECTION (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149162	1	FIRST BOOM SECTION ASSEMBLY, (includes all items)	B
1		Ref	BOOM HYDRAULIC COMPONENTS, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
2	0761014	AR	HEX HD CAPSCREW, M10X30, GR8.8, (torque to 55 Nm/41 lb-ft)	
3	0761015	AR	HEX HD CAPSCREW, M10X35, GR8.8, (torque to 55 Nm/41 lb-ft)	
4	0761214	4	HEX HD CAPSCREW, M12X30, GR8.8, (torque to 97 Nm/72 lb-ft	
6		Ref	EXTEND CHAIN COMPONENTS, (See EXTEND CHAINS for Breakdown)	
8		Ref	BOOM INSTALLATION COMPONENTS, (See BOOM INSTALLATION for Breakdown)	
12	4031906	4	SOCKET HD CAPSCREW, M8X12	
13	4032110	AR	SOCKET HD CAPSCREW, M12X30	
14	4032111	AR	SOCKET HD CAPSCREW, M12X35	
15	4032112	AR	SOCKET HD CAPSCREW, M12X40	
16	4071110	AR	SHIM, 50X200X3mm	
17	4700021	2	WEAR PAD	
18	4740532	AR	WASHER, 12mm	
19	4812000	AR	WASHER, 10mm	
20	8002200	4	WEAR PAD	
21	8002201	2	WEAR PAD	
22	8002904	8	SPACER, 50X200X1mm	
24	8008070	AR	SHIM, 50X200X2mm	
26	1001095650	AR	LOCTITE 243	
27	1001110527J	1	WELDMENT	
28	1001111747	2	WEAR PAD	
230	8009987	AR	SHIM,50X160X2.0mm	

FIGURE 2-7. SECOND BOOM SECTION (33.7,37.6,37.7,3706PS,3707PS)



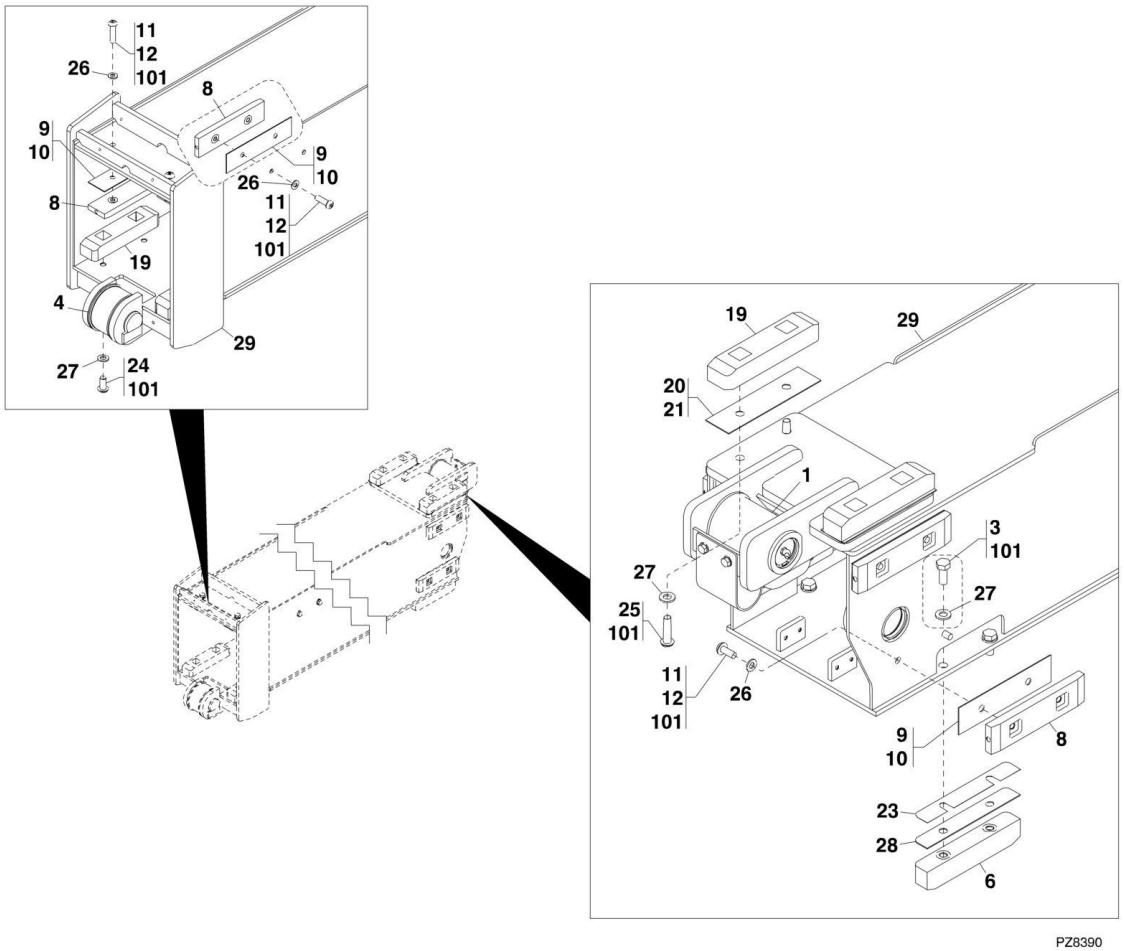
Note: **Wear Pad Shimming:**
Whenever a shim is used with a pad, a spacer with holes must be inserted between pad and shim.
The wear pad or wear pad insert must not sit directly on the slotted surface of shims.
Add wear pad shims and spacers as required to shim boom to maintain a total minimum gap of 0,5 to 1,5 mm (0.02 to 0.05 in) in both horizontal and vertical directions.
Wear pad bolts require one hardened washer. However, up to (2) hardened washers may be used except where noted otherwise. Under no circumstances should more than (2) hardened washers ever be used.
The length of pad bolts depends on the number of the shims used. The bolt cannot extend past chamfer on wear pad.
Add Lithium Grease (1001098457) to all wear pads and all wear pad slide pathways. If applicable, this includes all pad grease fittings at the rear of boom.

FIGURE 2-7. SECOND BOOM SECTION (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001130423	1	SECOND BOOM SECTION ASSEMBLY (includes all items) (37.6,3706PS)	C
	1001132353	1	SECOND BOOM SECTION ASSEMBLY (includes all items) (33.7,37.7,3707PS)	C
1	0760815	2	HEX HD CAPSCREW, M8X35 CLS 8.8	
2	4811900	2	WASHER, 8mm	
3	8002200	2	WEAR PAD	
4	8003243	1	SPACER, 70X200X1.5mm	
5	8008634	AR	SHIM, 70X200X0.5mm	
6	8008640	AR	SHIM, 50x200X0.5mm	
7	1001003031	2	SPACER, 50X198X1.5mm	
8	1001004144	1	CLIP	
9	1001009325	3	TORX HD CAPSCREW, M10X25, GR8.8, (torque to 55 Nm/41 lb-ft)	
10	1001090150	2	BUSHING	
11	1001095650	AR	LOCTITE 243	
12	1001096322	1	WEAR PAD	
13	1001104937	AR	TORX HD SCREW, M12X25, GR8.8, (torque to 100 Nm/74 lb-ft)	
14	1001104990	2	TORX HD SCREW, M12X45, GR8.8, (torque to 100 Nm/74 lb-ft)	
15	1001105081	1	TORX HD SCREW, M10X30, GR8.8, (torque to 55 Nm/41 lb-ft)	
16	1001105260	AR	TORX HD SCREW, M12X30, GR8.8, (torque to 100 Nm/74 lb-ft)	
17	1001105742	2	TWINHOSE BRACKET	
18	1001105761	2	SETTING BLOCK	
19	1001120545	1	WEAR PAD	
20	1001120555	1	WEAR PAD	
21	1001120556	2	SPACER, 70X250X1.5mm	
22	1001120604	AR	SHIM, 70X250X0.5mm	
23	1001155251	1	HOSE CONDUIT (37.6,3706PS)	
23	1001155534	1	HOSE CONDUIT (33.7,37.7,3707PS)	
24	1001144443	1	HOSE CONDUIT (37.6,3706PS)	
24	1001155570	1	HOSE CONDUIT (33.7,37.7,3707PS)	
25	1001125115	AR	WASHER, 10mm	
26	1001125117	AR	WASHER, 12mm	
27	1001130421	1	WELDMENT (37.6,3706PS)	
27	1001132352	1	WELDMENT (33.7,37.7,3707PS)	
28		Ref	BOOM INSTALLATION DECAL, (not shown), (See DECALS SECTION for Breakdown)	

FIGURE 2-8. SECOND BOOM SECTION (4014PS)

4014PS



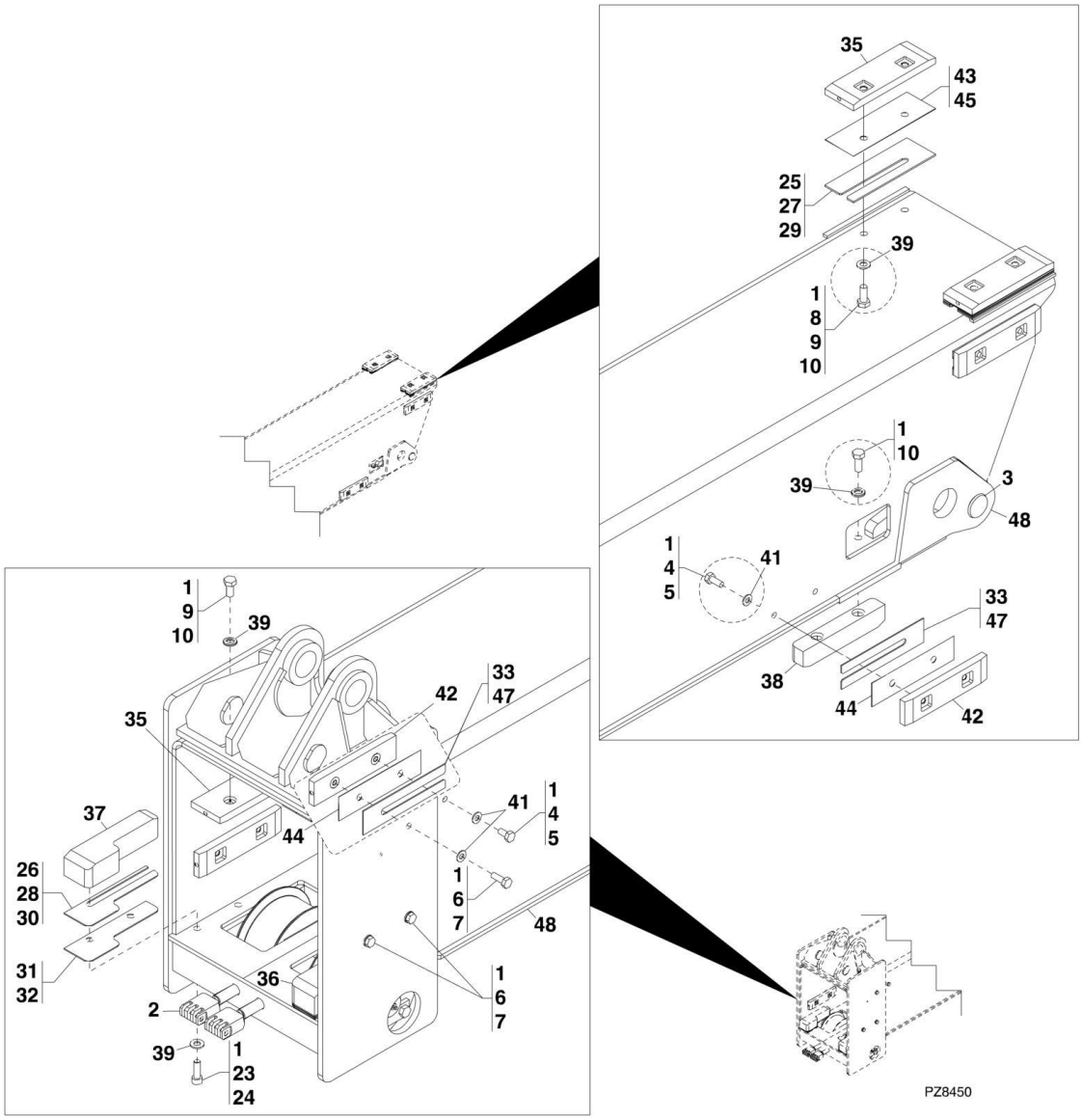
Note: **Wear Pad Shimming:**
Whenever a shim is used with a pad, a spacer with holes must be inserted between pad and shim.
The wear pad or wear pad insert must not sit directly on the slotted surface of shims.
Add wear pad shims and spacers as required to shim boom to maintain a total minimum gap of 0,5 to 1,5 mm (0.02 to 0.05 in) in both horizontal and vertical directions.
Wear pad bolts require one hardened washer. However, up to (2) hardened washers may be used except where noted otherwise. Under no circumstances should more than (2) hardened washers ever be used.
The length of pad bolts depends on the number of the shims used. The bolt cannot extend past chamfer on wear pad.
Add Lithium Grease (1001098457) to all wear pads and all wear pad slide pathways. If applicable, this includes all pad grease fittings at the rear of boom.

FIGURE 2-8. SECOND BOOM SECTION (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133561	1	SECOND BOOM SECTION ASSEMBLY, (includes all items)	B
1		Ref	EXTEND CHAIN COMPONENTS, (See EXTEND CHAINS for Breakdown)	
3	0761214	4	HEX HD CAPSCREW, M12X30, GR8.8	
4		Ref	RETRACT CHAIN COMPONENTS, (See RETRACT CHAINS for Breakdown)	
6	4700047	2	WEAR PAD	
8	8002200	8	WEAR PAD	
9	1001003030	AR	SPACER, 50X198X0.75mm	
10	1001003031	AR	SPACER, 50X198X1.5mm	
11	1001009325	AR	TORX HD CAPSCREW, M10X25, GR8.8, (torque to 55 Nm/41 lb-ft)	
12	1001009326	AR	TORX HD CAPSCREW, M10X20, GR8.8, (torque to 55 Nm/41 lb-ft)	
19	1001096320	4	WEAR PAD	
20	1001097302	AR	SPACER, 50X198X0.75mm	
21	1001097303	AR	SPACER, 50X198X1.5mm	
23	1001104463	AR	SHIM, 31X200X0.75mm	
24	1001104937	4	TORX HD CAPSCREW, M12X25, (torque to 100 Nm/74 lb-ft)	
25	1001104990	4	TORX HD CAPSCREW, M12X45, (torque to 100 Nm/74 lb-ft)	
26	1001125115	AR	WASHER, 10mm	
27	1001125117	AR	WASHER, 12mm	
28	1001128328	AR	SPACER, 31X200X1.5mm	
29	1001133560	1	WELDMENT	
30		Ref	BOOM INSTALLATION DECAL, (not shown), (See DECALS SECTION for Breakdown)	
101	1001095650	AR	LOCTITE 243	

FIGURE 2-9. SECOND BOOM SECTION (4017PS)

4017PS

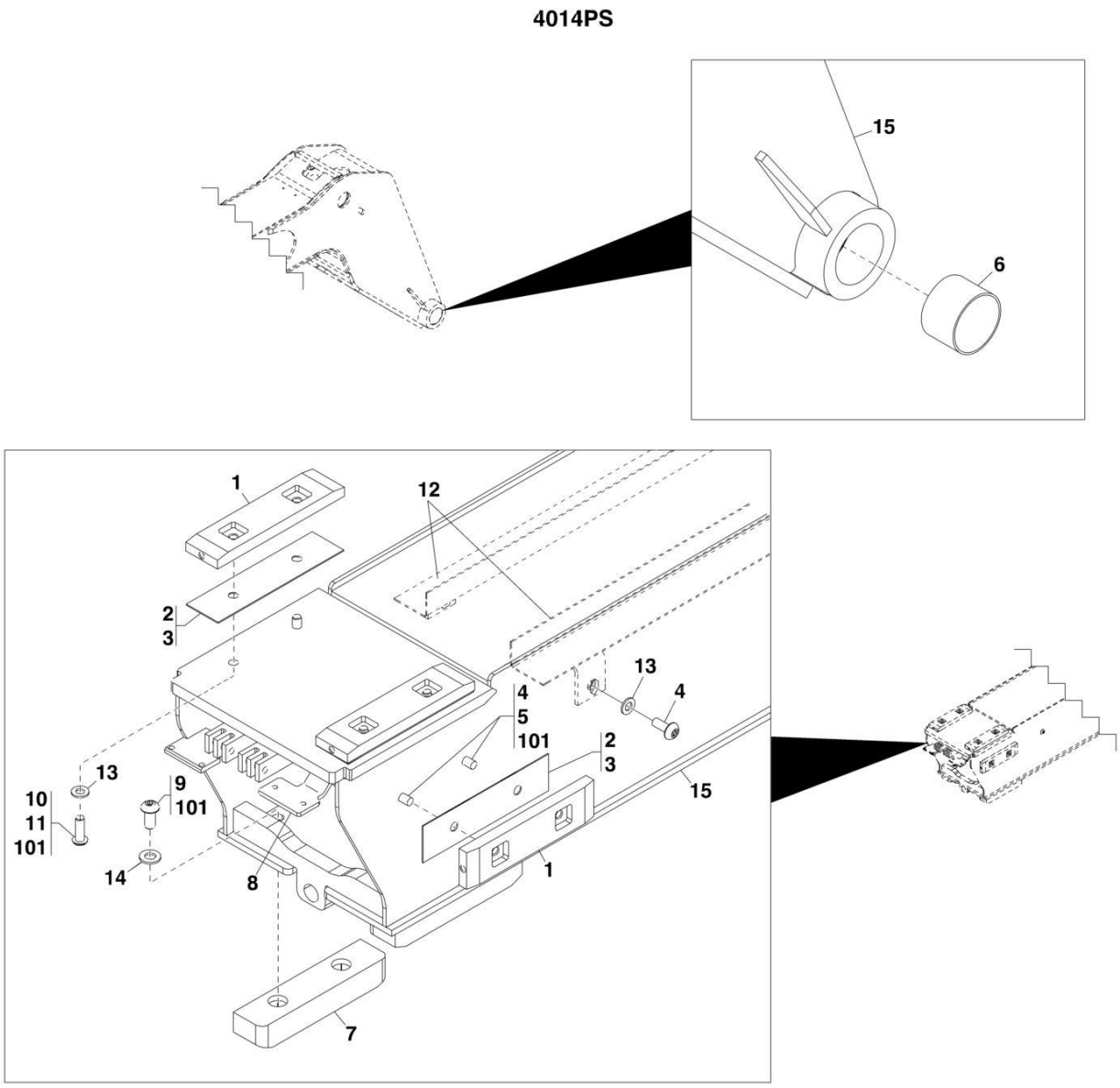


Note: **Wear Pad Shimming:**
Whenever a shim is used with a pad, a spacer with holes must be inserted between pad and shim.
The wear pad or wear pad insert must not sit directly on the slotted surface of shims.
Add wear pad shims and spacers as required to shim boom to maintain a total minimum gap of 0,5 to 1,5 mm (0.02 to 0.05 in) in both horizontal and vertical directions.
Wear pad bolts require one hardened washer. However, up to (2) hardened washers may be used except where noted otherwise. Under no circumstances should more than (2) hardened washers ever be used.
The length of pad bolts depends on the number of the shims used. The bolt cannot extend past chamfer on wear pad.
Add Lithium Grease (1001098457) to all wear pads and all wear pad slide pathways. If applicable, this includes all pad grease fittings at the rear of boom.

FIGURE 2-9. SECOND BOOM SECTION (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133565	1	SECOND BOOM SECTION ASSEMBLY, (includes all items)	B
1	1001095650	AR	LOCTITE 243	
2		Ref	EXTEND CHAIN COMPONENTS, (See EXTEND CHAINS for Breakdown)	
3		Ref	RETRACT CHAIN COMPONENTS, (See RETRACT CHAINS for Breakdown)	
4	0761010	AR	HEX HD CAPSCREW, M10X20, GR8.8, (torque to 50 Nm/37 lb-ft)	
5	0761012	AR	HEX HD CAPSCREW, M10X25, GR8.8, (torque to 50 Nm/37 lb-ft)	
6	0761014	AR	HEX HD CAPSCREW, M10X30, GR8.8, (torque to 50 Nm/37 lb-ft)	
7	0761015	AR	HEX HD CAPSCREW, M10X35, GR8.8, (torque to 50 Nm/37 lb-ft)	
8	0761210	AR	HEX HD CAPSCREW, M12X20, GR8.8, (torque to 90 Nm/66 lb-ft)	
9	0761212	AR	HEX HD CAPSCREW, M12X25, GR8.8, (torque to 90 Nm/66 lb-ft)	
10	0761214	AR	HEX HD CAPSCREW, M12X30, GR8.8, (torque to 90 Nm/66 lb-ft)	
23	4032110	AR	SOCKET HD CAPSCREW, M12X30	
24	4032111	AR	SOCKET HD CAPSCREW, M12X35	
25	4071085	AR	SHIM, 70X200X2mm	
26	4071093	AR	SHIM, 60X200X2mm	
27	4071098	AR	SHIM, 70X200X3mm	
28	4071099	AR	SHIM, 60X200X2mm	
29	4071104	AR	SHIM, 70X200X4mm	
30	4071107	AR	SHIM, 60X200X1mm	
31	4071108	AR	SPACER, 60X200X3mm	
32	4071109	AR	SPACER, 60X200X4mm	
33	4071110	AR	SHIM, 50X200X3mmS	
35	4700021	4	WEAR PAD	
36	4700030	1	WEAR PAD	
37	4700031	1	WEAR PAD	
38	4700047	2	WEAR PAD	
39	4740532	AR	WASHER, 12mm	
41	4812000	AR	WASHER, 10mm	
42	8002200	8	WEAR PAD	
43	8002637	AR	SPACER, 70X200X2mm	
44	8002904	8	SPACER, 50X200X1mm	
45	8003242	AR	SPACER, 50X200X1mm	
47	8008070	AR	SHIM, 50X200X2mm	
48	1001133564	1	WELDMENT	
49		Ref	BOOM INSTALLATION DECAL, (not shown), (See DECALS SECTION for Breakdown)	

FIGURE 2-10. THIRD BOOM SECTION (4014PS)



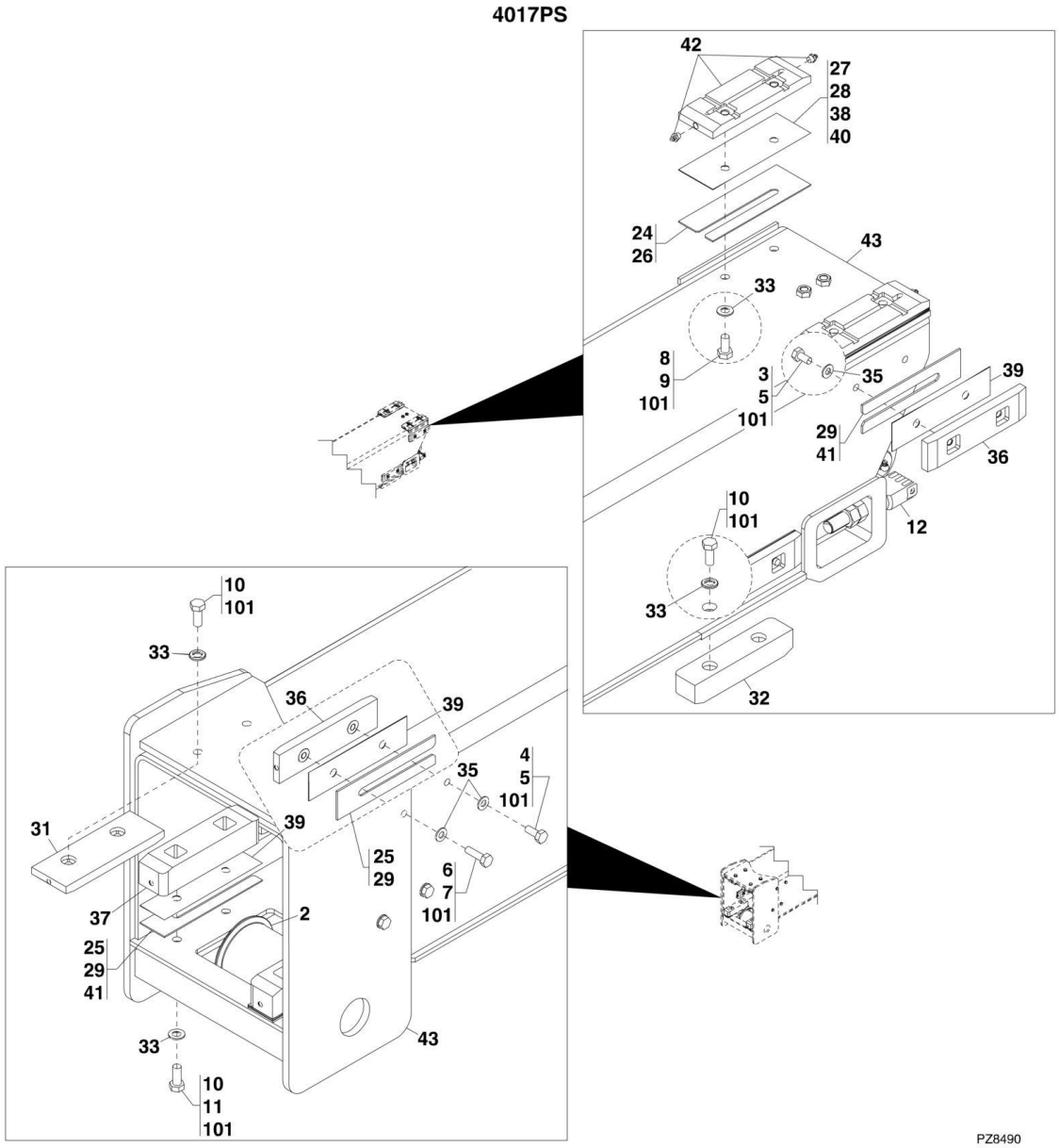
ART_31200722-2-10

Note: **Wear Pad Shimming:**
Whenever a shim is used with a pad, a spacer with holes must be inserted between pad and shim.
The wear pad or wear pad insert must not sit directly on the slotted surface of shims.
Add wear pad shims and spacers as required to shim boom to maintain a total minimum gap of 0,5 to 1,5 mm (0.02 to 0.05 in) in both horizontal and vertical directions.
Wear pad bolts require one hardened washer. However, up to (2) hardened washers may be used except where noted otherwise. Under no circumstances should more than (2) hardened washers ever be used.
The length of pad bolts depends on the number of the shims used. The bolt cannot extend past chamfer on wear pad.
Add Lithium Grease (1001098457) to all wear pads and all wear pad slide pathways. If applicable, this includes all pad grease fittings at the rear of boom.

FIGURE 2-10. THIRD BOOM SECTION (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133472	1	THIRD BOOM SECTION ASSEMBLY, (includes all items) **(Prior to SN 1160007217)**	C
	1001171453	1	THIRD BOOM SECTION ASSEMBLY, (includes all items) **(SN 1160007217 to Present)**	B
1	8002200	4	WEAR PAD	
2	1001003030	AR	SPACER, 50X198X0.75mm	
3	1001003031	AR	SPACER, 50X198X1.5mm	
4	1001009325	AR	TORX HD CAPSCREW, M10X25, GR8.8, (torque to 55 Nm/41 lb-ft)	
5	1001009326	AR	TORX HD CAPSCREW, M10X20, GR8.8, (torque to 55 Nm/41 lb-ft)	
6	1001090150	2	BUSHING	
7	1001096320	2	WEAR PAD	
8		Ref	BRACKET, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
9	1001104937	4	TORX HD CAPSCREW, M12X25, (torque to 90 Nm/66 lb-ft)	
10	1001105081	AR	TORX HD CAPSCREW, M10X30, GR8.8, (torque to 55 Nm/41 lb-ft)	
11	1001105350	AR	TORX HD CAPSCREW, M10X35 GR8.8, (torque to 55 Nm/41 lb-ft)	
12		Ref	BOOM HYDRAULIC COMPONENTS, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
13	1001125115	AR	WASHER, 10mm	
14	1001125117	AR	WASHER, 12mm	
15	1001133471	1	WELDMENT **(Prior to SN 1160007217)**	
15	1001171454	1	WELDMENT **(SN 1160007217 to Present)**	
101	1001095650	AR	LOCTITE 243	

FIGURE 2-11. THIRD BOOM SECTION (4017PS)

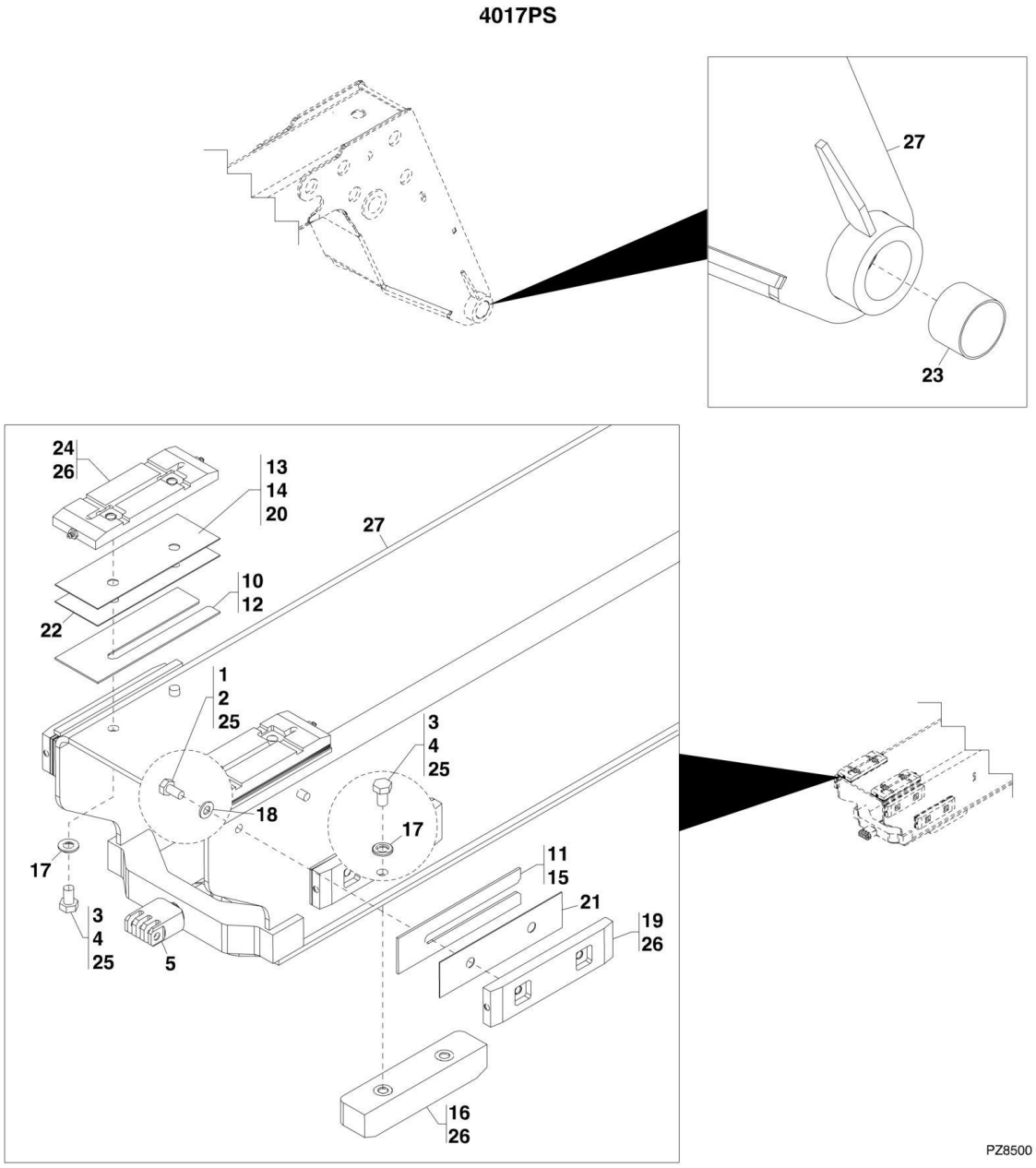


Note: **Wear Pad Shimming:**
Whenever a shim is used with a pad, a spacer with holes must be inserted between pad and shim.
The wear pad or wear pad insert must not sit directly on the slotted surface of shims.
Add wear pad shims and spacers as required to shim boom to maintain a total minimum gap of 0,5 to 1,5 mm (0.02 to 0.05 in) in both horizontal and vertical directions.
Wear pad bolts require one hardened washer. However, up to (2) hardened washers may be used except where noted otherwise. Under no circumstances should more than (2) hardened washers ever be used.
The length of pad bolts depends on the number of the shims used. The bolt cannot extend past chamfer on wear pad.
Add Lithium Grease (1001098457) to all wear pads and all wear pad slide pathways. If applicable, this includes all pad grease fittings at the rear of boom.

FIGURE 2-11. THIRD BOOM SECTION (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133567	1	THIRD BOOM SECTION ASSEMBLY, (includes all items)	A
2		Ref	EXTEND CHAIN COMPONENTS, (See EXTEND CHAINS for Breakdown)	
3	0761010	AR	HEX HD CAPSCREW, M10X20, GR8.8, (torque to 55 Nm/41 lb-ft)	
4	0761011	AR	HEX HD CAPSCREW, M10X20, GR8.8, (torque to 55 Nm/41 lb-ft)	
5	0761012	AR	HEX HD CAPSCREW, M10X25, GR8.8, (torque to 55 Nm/41 lb-ft)	
6	0761015	AR	HEX HD CAPSCREW, M10X35, GR8.8, (torque to 55 Nm/41 lb-ft)	
7	0761016	AR	HEX HD CAPSCREW, M10X40, GR8.8, (torque to 55 Nm/41 lb-ft)	
8	0761210	AR	HEX HD CAPSCREW, M12X20, GR8.8, (torque to 90 Nm/66 lb-ft)	
9	0761212	AR	HEX HD CAPSCREW, M12X25, GR8.8, (torque to 90 Nm/66 lb-ft)	
10	0761214	AR	HEX HD CAPSCREW, M12X30, GR8.8, (torque to 90 Nm/66 lb-ft)	
11	0761215	AR	HEX HD CAPSCREW, M12X35, GR8.8, (torque to 90 Nm/66 lb-ft)	
12		Ref	RETRACT CHAIN COMPONENTS, (See RETRACT CHAINS for Breakdown)	
24	4071085	AR	SHIM, 70X200X2mm	
25	4071087	AR	SHIM, 50X200X4mm	
26	4071104	AR	SHIM, 70X200X4mm	
27	4071105	AR	SPACER, 70X200X3mm	
28	4071106	AR	SPACER, 70X200X4mm	
29	4071110	AR	SHIM, 50X200X3mm	
31	4700021	2	WEAR PAD	
32	4700032	2	WEAR PAD	
33	4740532	AR	WASHER, 12mm	
35	4812000	AR	WASHER, 10mm	
36	8002200	8	WEAR PAD	
37	8002201	2	WEAR PAD	
38	8002637	AR	SPACER, 70X200X2mm	
39	8002904	AR	SPACER, 50X200X1mm	
40	8003242	AR	SPACER, 50X200X1mm	
41	8008070	AR	SHIM, 50X200X2mm	
42	1001093784	2	WEAR PAD, (includes grease fittings)	
43	1001133566	1	WELDMENT	
101	1001095650	AR	LOCTITE 243	

FIGURE 2-12. FOURTH BOOM SECTION (4017PS)



Note: **Wear Pad Shimming:**
Whenever a shim is used with a pad, a spacer with holes must be inserted between pad and shim.
The wear pad or wear pad insert must not sit directly on the slotted surface of shims.
Add wear pad shims and spacers as required to shim boom to maintain a total minimum gap of 0,5 to 1,5 mm (0.02 to 0.05 in) in both horizontal and vertical directions.
Wear pad bolts require one hardened washer. However, up to (2) hardened washers may be used except where noted otherwise. Under no circumstances should more than (2) hardened washers ever be used.
The length of pad bolts depends on the number of the shims used. The bolt cannot extend past chamfer on wear pad.
Add Lithium Grease (1001098457) to all wear pads and all wear pad slide pathways. If applicable, this includes all pad grease fittings at the rear of boom.

FIGURE 2-12. FOURTH BOOM SECTION (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133484	1	FOURTH BOOM SECTION ASSEMBLY, (includes all items)	B
1	0761010	AR	HEX HD CAPSCREW, M10X20, GR8.8, (torque to 50 Nm/37 lb-ft)	
2	0761012	AR	HEX HD CAPSCREW, M10X25, GR8.8, (torque to 50 Nm/37 lb-ft)	
3	0761210	AR	HEX HD CAPSCREW, M12X20, GR8.8, (torque to 90 Nm/66 lb-ft)	
4	0761212	AR	HEX HD CAPSCREW, M12X25, GR8.8, (torque to 90 Nm/66 lb-ft)	
5		Ref	RETRACT CHAIN COMPONENTS, (See RETRACT CHAINS for Breakdown)	
10	4071085	AR	SHIM, 70X200X2mm	
11	4071087	AR	SHIM, 50X200X4mm	
12	4071104	AR	SHIM, 70X200X4mm	
13	4071105	AR	SPACER, 70X200X3mm	
14	4071106	AR	SPACER, 70X200X4mm	
15	4071110	AR	SHIM, 50X200X3mm	
16	4700032	2	WEAR PAD	
17	4740532	AR	WASHER, 12mm	
18	4812000	AR	WASHER, 10mm	
19	8002200	4	WEAR PAD	
20	8002637	AR	SPACER, 70X200X2mm	
21	8002904	4	SPACER, 50X200X1mm	
22	8003242	2	SPACER, 50X200X1mm	
23	1001090150	2	BUSHING	
24	1001093784	2	WEAR PAD, (includes grease fittings)	
25	1001095650	AR	LOCTITE 243	
26	1001098457	AR	LITHIUM GREASE	
27	1001133483	1	WELDMENT	

FIGURE 2-13. EXTEND CHAINS (4014PS)

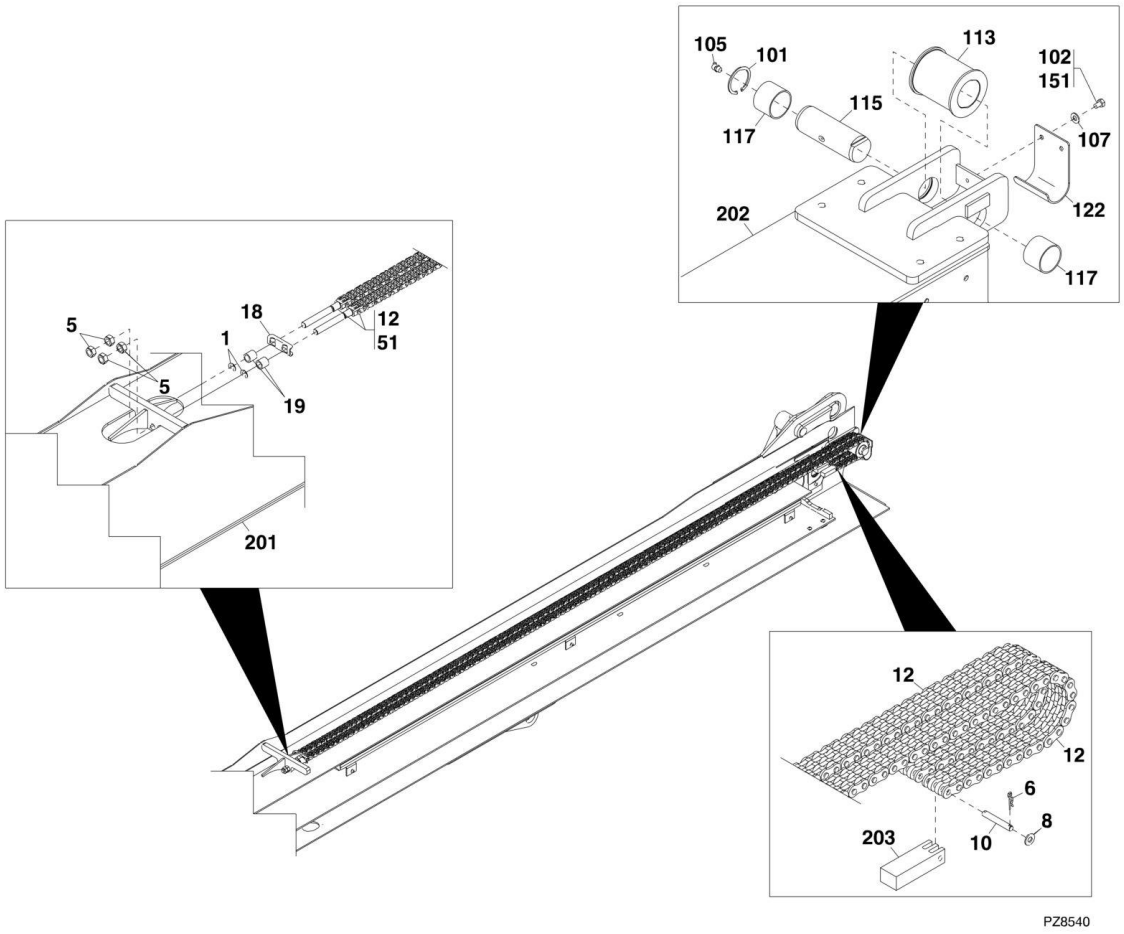


FIGURE 2-13. EXTEND CHAINS (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	130029	2	CIRCLIP	
5	3292001	4	HEX NUT, M20X2.5, (torque adjusting nut to 60 Nm/44.2 lb-ft), (torque locking nut to 120 Nm/88.5 lb-ft)	
6	3470003	4	PIN	
8	4811900	4	WASHER, 8mm	
10	1001099166	2	PIN	
12	1001106516	2	CHAIN ASSEMBLY, (includes item 51)	B
18	1001108954	1	BRACKET	
19	1001109023	2	SPACER	
51	1001105743	1	CLEVIS	
101	314689	1	RETAINING RING	
102	0760806	2	HEX HD CAPSCREW, M8X12, GR8.8, (torque to 28 Nm/21 lb-ft)	
105	2160017	1	GREASE FITTING	
107	4811900	2	WASHER, 8mm	
113	1001090393	1	PULLEY	
115	1001092535	1	PIN	
117	1001092542	2	BUSHING	
122	1001097371	1	BRACKET	
151	1001095650	AR	LOCTITE 243	
201		Ref	FIRST BOOM SECTION, (See FIRST BOOM SECTION for Breakdown)	
202		Ref	SECOND BOOM SECTION, (See SECOND BOOM SECTION for Breakdown)	
203		Ref	THIRD BOOM SECTION, (See THIRD BOOM SECTION for Breakdown)	

FIGURE 2-14. EXTEND CHAINS (4017PS)

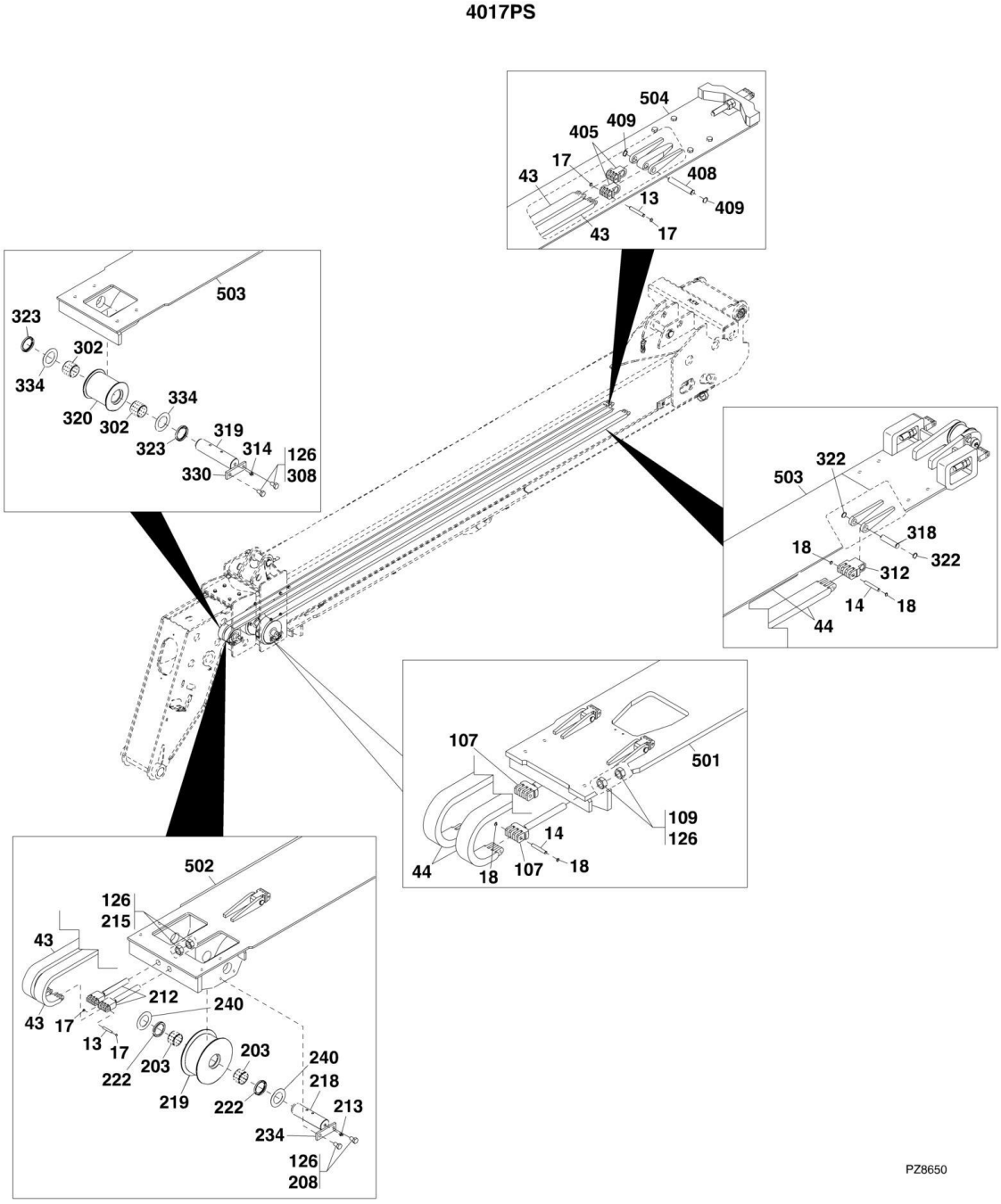


FIGURE 2-14. EXTEND CHAINS (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
13	3423116	4	PIN	
14	3423119	4	PIN	
17	3760489	8	RETAINING RING	
18	3760490	8	RETAINING RING	
43	1260393	2	CHAIN	
44	1260391	2	CHAIN	
107	1360279	2	CLEVIS	
109	3292401	4	HEX NUT, M24X3	
126	1001095650	AR	LOCTITE 243	
203	0440298	4	BUSHING	
208	0761210	4	HEX HD CAPSCREW, M12X20, GR8.8, (torque to 97 Nm/72 lb-ft)	
212	1360282	2	CLEVIS	
213	2160016	2	GREASE FITTING	
215	3292001	4	HEX NUT, M20X2.5	
218	3423118	2	PIN	
219	3580330	2	PULLEY	
222	3960585	4	SEAL	
234	4220215	2	PLATE	
240	4740535	4	WASHER	
302	0440296	2	BUSHING	
308	0761210	2	HEX HD CAPSCREW, M12X20, GR8.8, (torque to 97 Nm/72 lb-ft)	
312	1360277	2	CLEVIS	
314	2160016	1	GREASE FITTING	
318	3423120	2	PIN	
319	3423121	1	PIN	
320	3580332	1	PULLEY	
322	3760488	4	RETAINING RING	
323	3960585	2	SEAL	
330	4220215	1	PLATE	
334	4740535	2	WASHER	
405	1360276	2	CLEVIS	
408	3423123	1	PIN	
409	3760488	2	RETAINING RING	
501		Ref	FIRST BOOM SECTION, (See FIRST BOOM SECTION for Breakdown)	
502		Ref	SECOND BOOM SECTION, (See SECOND BOOM SECTION for Breakdown)	
503		Ref	THIRD BOOM SECTION, (See THIRD BOOM SECTION for Breakdown)	
504		Ref	FOURTH BOOM SECTION, (See FOURTH BOOM SECTION for Breakdown)	

FIGURE 2-15. RETRACT CHAINS (4014PS)

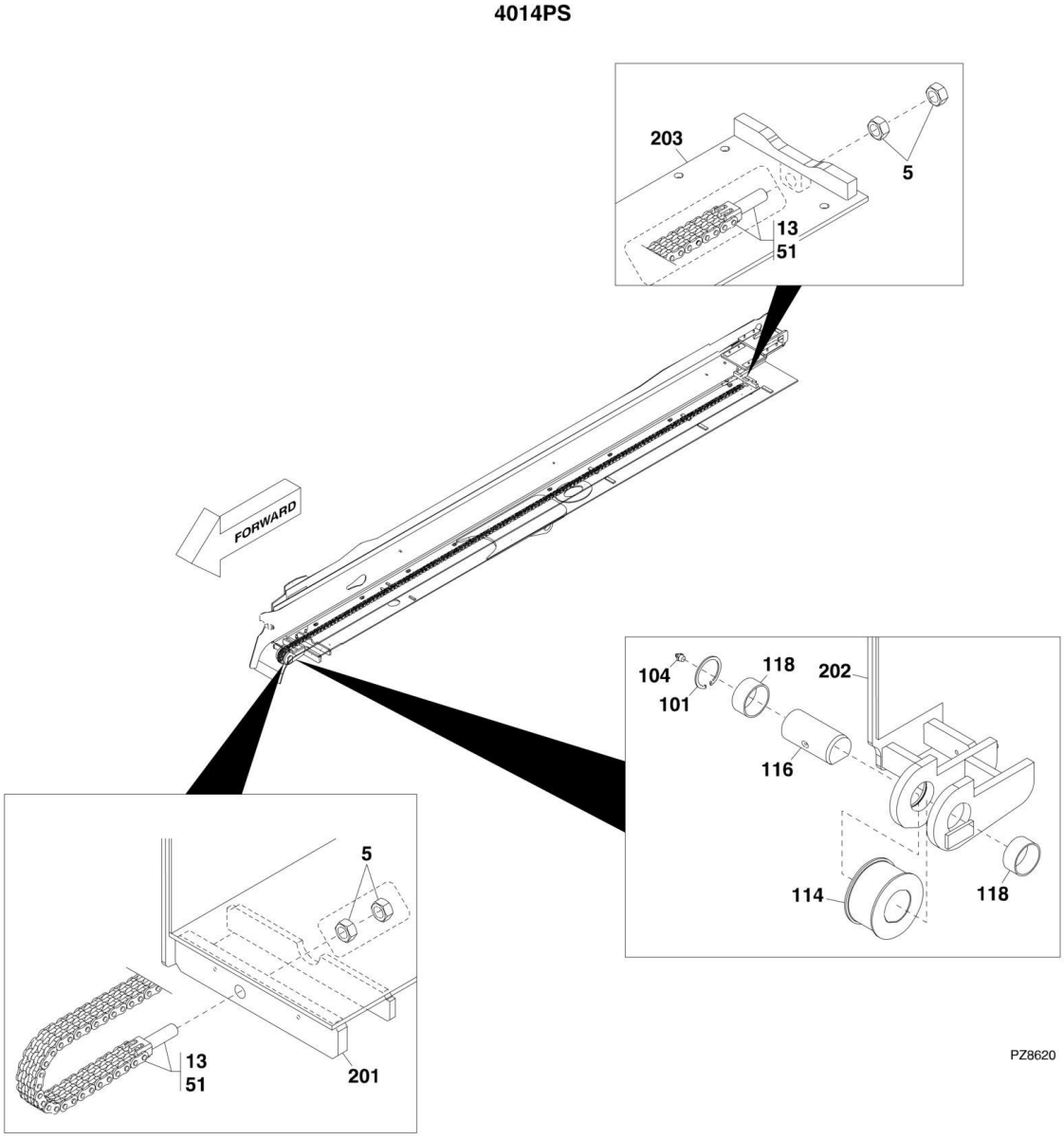


FIGURE 2-15. RETRACT CHAINS (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
5	3292001	4	HEX NUT, M20X2.5, (torque nuts together at 120 Nm/88.5 lb-ft)	
13	1001106528	1	CHAIN ASSEMBLY, (includes item 51)	B
51	1001106532	2	CLEVIS	
101	314689	1	RETAINING RING	
104	2160016	1	GREASE FITTING	
114	1001090394	1	PULLEY	
116	1001092536	1	PIN	
118	1001092543	2	BUSHING	
201		Ref	FIRST BOOM SECTION, (See FIRST BOOM SECTION for Breakdown)	
202		Ref	SECOND BOOM SECTION, (See SECOND BOOM SECTION for Breakdown)	
203		Ref	THIRD BOOM SECTION, (See THIRD BOOM SECTION for Breakdown)	

FIGURE 2-16. RETRACT CHAINS (4017PS)

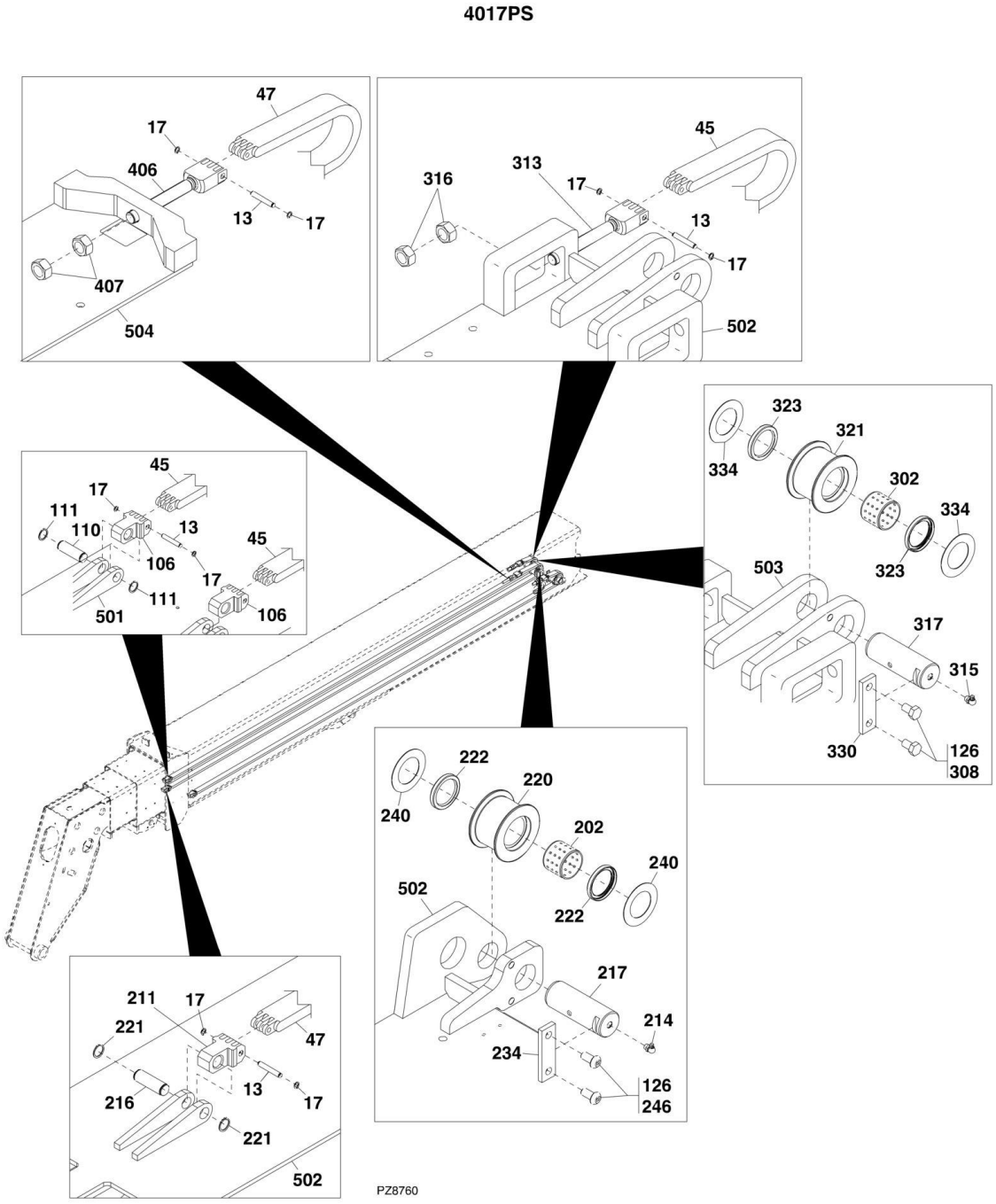


FIGURE 2-16. RETRACT CHAINS (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
13	3423116	6	PIN	
17	3760489	10	RETAINING RING	
45	1260392	2	CHAIN	
47	1260394	1	CHAIN	
106	1360276	2	CLEVIS	
110	3423110	2	PIN	
111	3760488	4	RETAINING RING	
126	1001095650	AR	LOCTITE 243	
202	0440296	2	BUSHING	
211	1360276	1	CLEVIS	
214	2160018	2	GREASE FITTING	
216	3423110	1	PIN	
217	3423117	2	PIN	
220	3580336	2	PULLEY	
221	3760488	2	RETAINING RING	
222	3960585	4	SEAL	
234	4220215	2	PLATE	
240	4740535	4	WASHER	
246	8008055	4	BUTTON HD CAPSCREW, M12X20	
302	0440296	1	BUSHING	
308	0761210	2	HEX HD CAPSCREW, M12X20, GR8.8, (torque to 97 Nm/72 lb-ft)	
313	1360278	2	CLEVIS	
315	2160018	1	GREASE FITTING	
316	3292001	4	HEX NUT, M20X2.5	
317	3423117	1	PIN	
321	3580336	1	PULLEY	
323	3960585	2	SEAL	
330	4220215	1	PLATE	
334	4740535	2	WASHER	
406	1360282	1	CLEVIS	
407	3292001	2	HEX NUT, M20X2.5	
501		Ref	FIRST BOOM SECTION, (See FIRST BOOM SECTION for Breakdown)	
502		Ref	SECOND BOOM SECTION, (See SECOND BOOM SECTION for Breakdown)	
503		Ref	THIRD BOOM SECTION, (See THIRD BOOM SECTION for Breakdown)	
504		Ref	FOURTH BOOM SECTION, (See FOURTH BOOM SECTION for Breakdown)	

FIGURE 2-17. MANUAL QUICK ATTACH

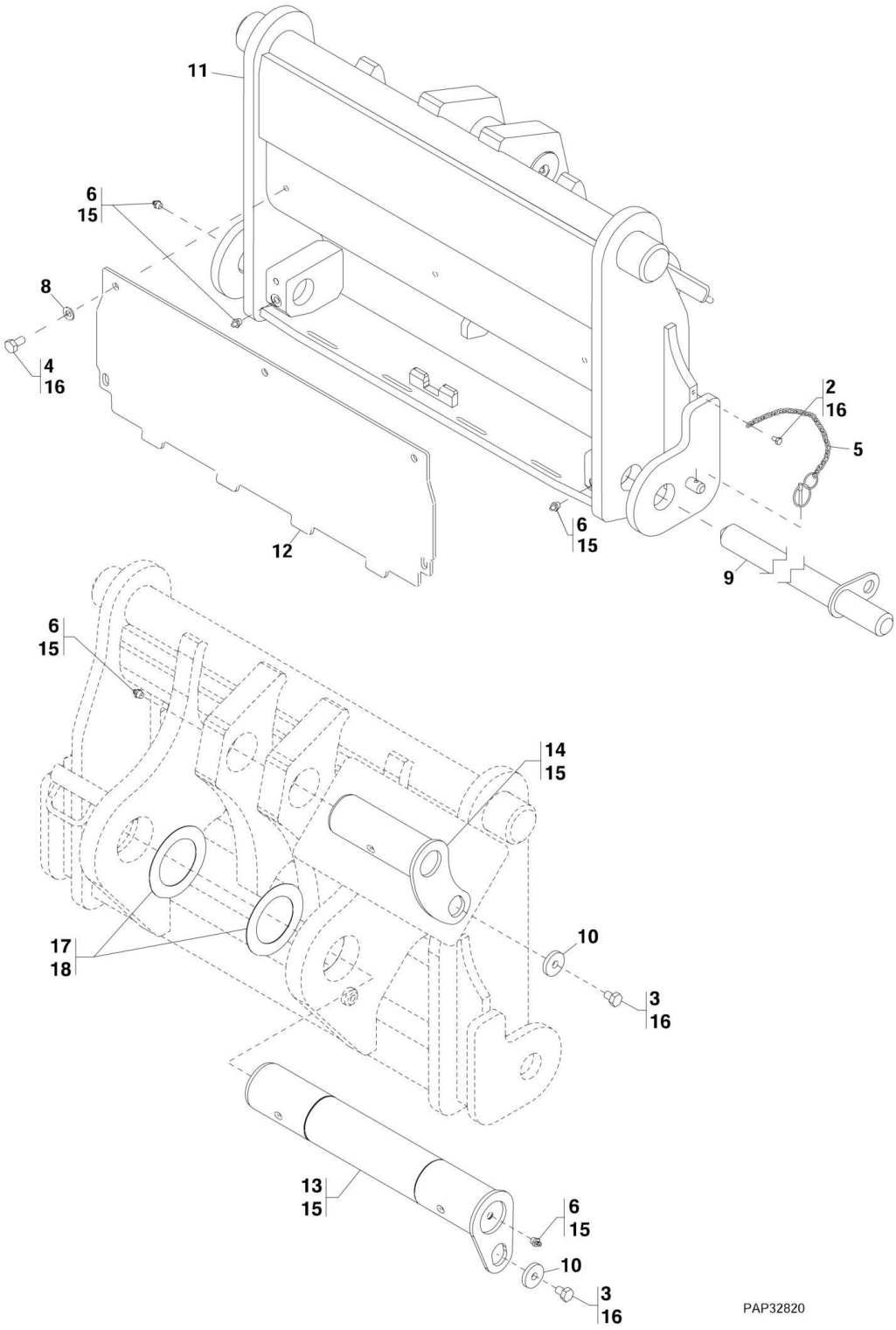


FIGURE 2-17. MANUAL QUICK ATTACH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001131347	Ref	MANUAL QUICK ATTACH INSTALLATION, (if equipped), (not available to order, see items 2 thru 18 for service)	F
2	0760605	1	HEX HD CAPSCREW, M6X10, GR8.8, (torque to 12 Nm/9 lb-ft)	
3	0761007	2	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/40.5 lb-ft)	
4	0761010	5	HEX HD CAPSCREW, M10X20,GR8.8, (torque to 55 Nm/40.5 lb-ft)	
5	1001161673	1	CHAIN	
6	2160016	5	GREASE FITTING	
8	4812000	5	WASHER, 10mm	
9	1001162636	1	ROD	
10	1001008948	2	WASHER	
11	1001154471	1	WELDMENT	
12	1001154968	1	COVER	
13	1001132895	1	PIN	
14	1001132898	1	PIN	
15	1001098457	AR	LITHIUM GREASE	
16	1001095650	AR	LOCTITE 243	
17	1001098146	AR	SHIM, 72X110X0.5mm	
18	1001098147	AR	SHIM, 72X110X1.0mm	

FIGURE 2-18. MANUAL QUICK ATTACH (4014PS,4017PS)

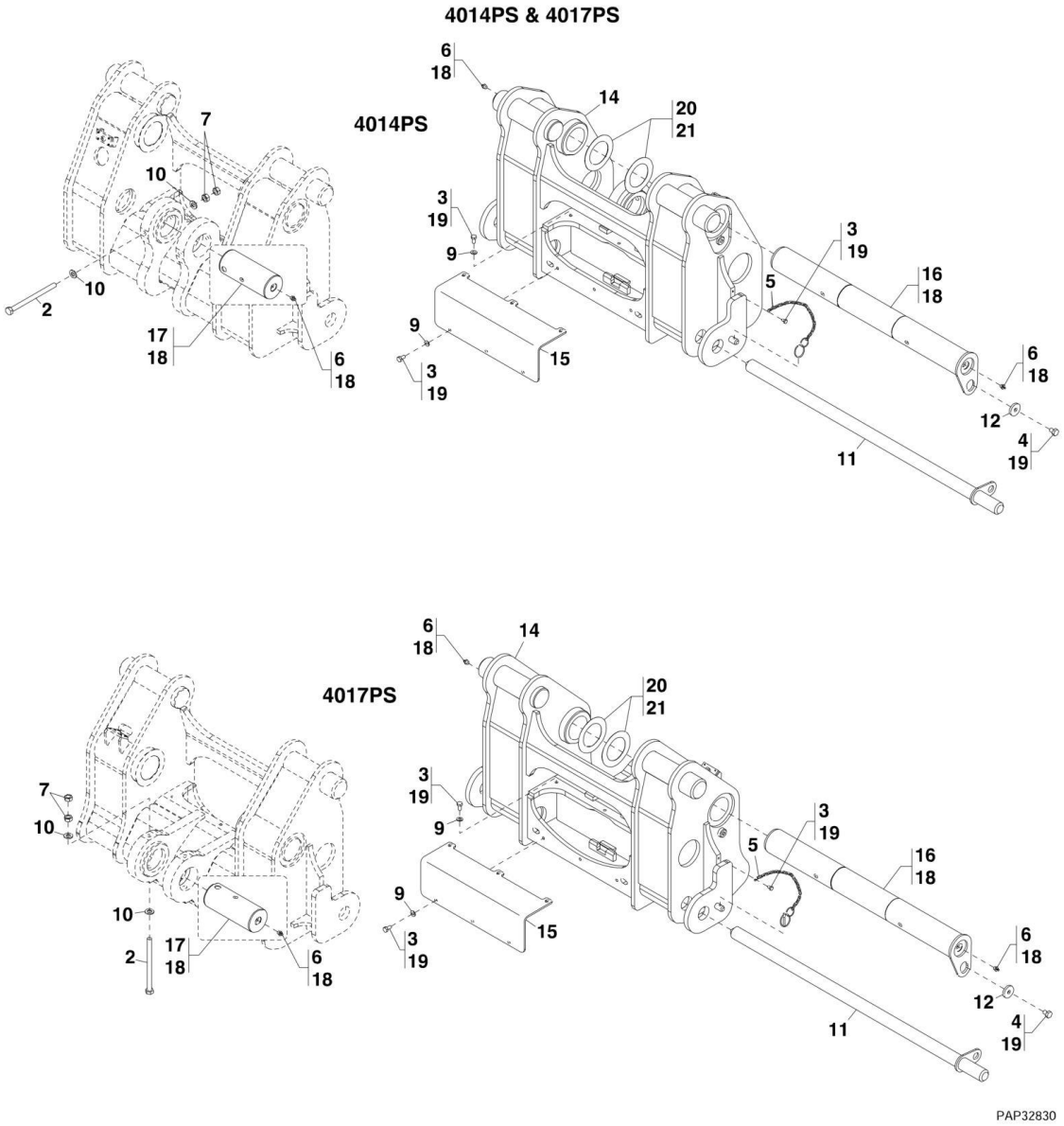


FIGURE 2-18. MANUAL QUICK ATTACH (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001136181	Ref	MANUAL QUICK ATTACH (if equipped) (not available to order, see items 2 thru 21 for service) (4014PS)	E
	1001137542	Ref	MANUAL QUICK ATTACH (if equipped) (Germany, if equipped) (not available to order, see items 2 thru 21 for service) (4014PS,4017PS)	F
2	0701234	1	HEX HD CAPSCREW, M12X170, GR8.8, (torque to 97 Nm/42 lb-ft)	
3	0760605	1	HEX HD CAPSCREW, M6X10, GR8.8, (torque to 12 Nm/9 lb-ft)	
4	0761007	1	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 97 Nm/42 lb-ft)	
5	1001161673	1	CHAIN	
6	2160016	3	GREASE FITTING	
7	3291201	2	HEX NUT, M12X1.75	
9	4811900	6	WASHER, 8mm	
10	4812100	2	WASHER, 12mm	
11	1001162636	1	ROD	
12	1001008948	1	WASHER	
13	0760808	6	HEX HD CAPSCREW, M8X16, GR8.8, (torque to 28 Nm/21 lb-ft)	
14	1001136183	1	WELDMENT (4014PS)	
14	1001137544	1	WELDMENT (Germany, if equipped) (4014PS,4017PS)	
15	1001156994	1	COVER (4014PS)	
15	1001156995	1	COVER (Germany, if equipped) (4014PS,4017PS)	
16	1001136211	1	PIN (4014PS)	
16	1001137555	1	PIN (Germany, if equipped) (4014PS,4017PS)	
17	1001136214	1	PIN	
18	1001098457	AR	LITHIUM GREASE	
19	1001095650	AR	LOCTITE 243	
20	1001098146	AR	SHIM, 72X110X0.5mm	
21	1001098147	AR	SHIM, 72X110X1.0mm	

FIGURE 2-19. HYDRAULIC QUICK ATTACH (33.7,37.6,37.7,3706PS,3707PS)

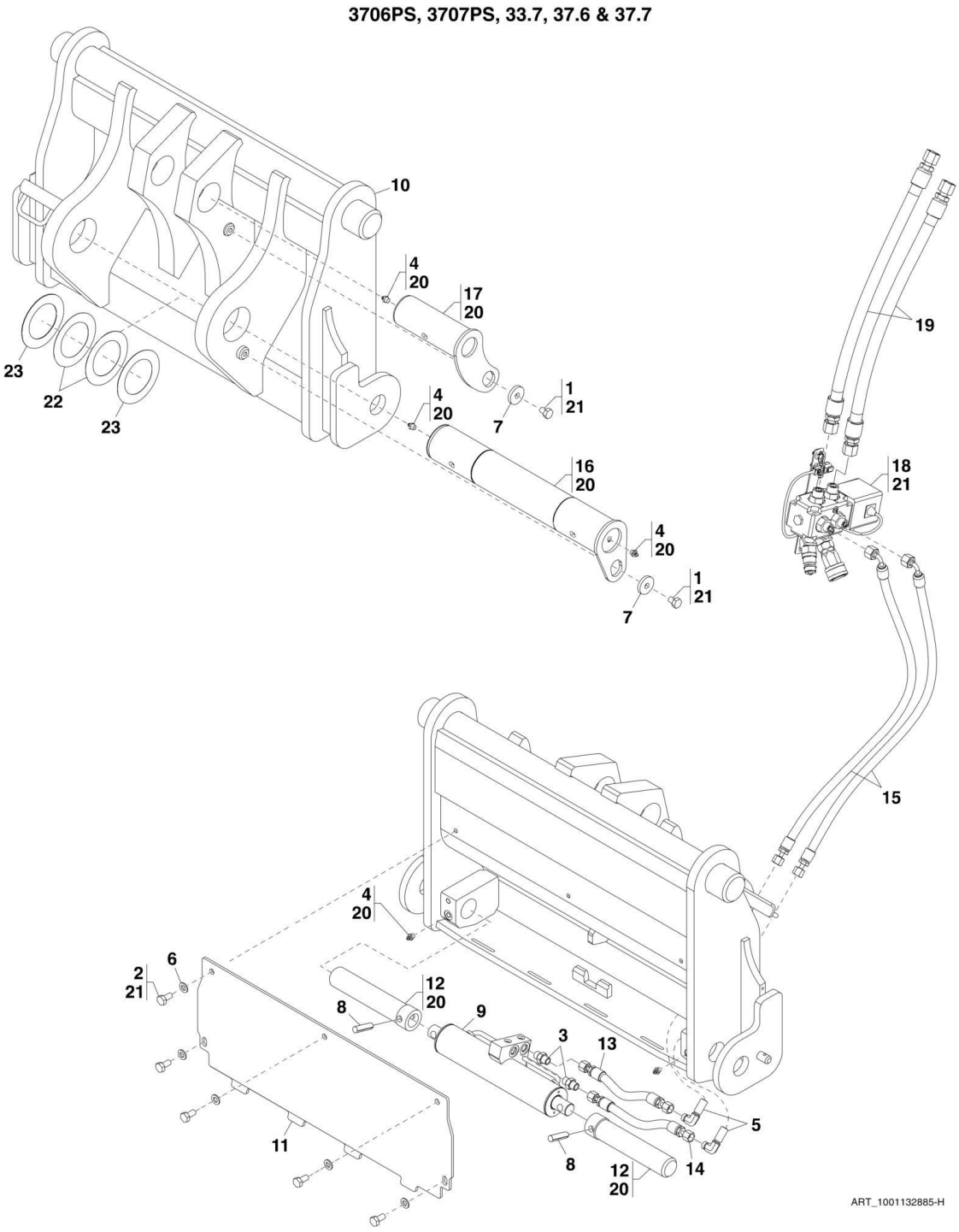


FIGURE 2-19. HYDRAULIC QUICK ATTACH (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132885	Ref	HYDRAULIC QUICK ATTACH INSTALLATION, (if equipped), (includes all items)	H
1	0761007	2	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/40.5 lb-ft)	
2	0761010	5	HEX HD CAPSCREW, M10X20, GR8.8, (torque to 55 Nm/40.5 lb-ft)	
3	2110406	2	STRAIGHT FITTING, (includes o-ring)	
4	2160016	5	GREASE FITTING	
5	2171204	2	ADAPTER, 90, (includes o-ring)	
6	4812000	5	WASHER, 10mm	
7	1001008948	2	WASHER	
8	1001101539	2	PIN **(Prior to SN 1160007696)**	
8	1001184610	2	PIN **(SN 1160007696 to Present)**	
9		Ref	QUICK ATTACH CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
10	1001131348	1	WELDMENT **(Prior to SN 1160007696)**	
10	1001154471	1	WELDMENT **(SN 1160007696 to Present)**	
11	1001132884	1	COVER **(Prior to SN 1160007696)**	
11	1001154968	1	COVER **(SN 1160007696 to Present)**	
12	1001136209	2	PIN **(Prior to SN 1160007696)**	
12	1001177509	2	PIN **(SN 1160007696 to Present)**	
13	1001132887	1	HOSE ASSEMBLY	
14	1001132888	1	HOSE ASSEMBLY	
15	1001132889	2	HOSE ASSEMBLY	
16	1001132895	1	PIN	
17	1001132898	1	PIN	
18		Ref	BOOM AUXILIARY HYDRAULIC COMPONENTS, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
19	1001144651	2	HOSE ASSEMBLY	
20	1001098457	AR	LITHIUM GREASE	
21	1001095650	AR	LOCTITE 243	
22	1001098146	AR	SHIM, 72X110X0.5mm	
23	1001098147	AR	SHIM, 72X110X1.0mm	

FIGURE 2-20. HYDRAULIC QUICK ATTACH (4014PS,4017PS)

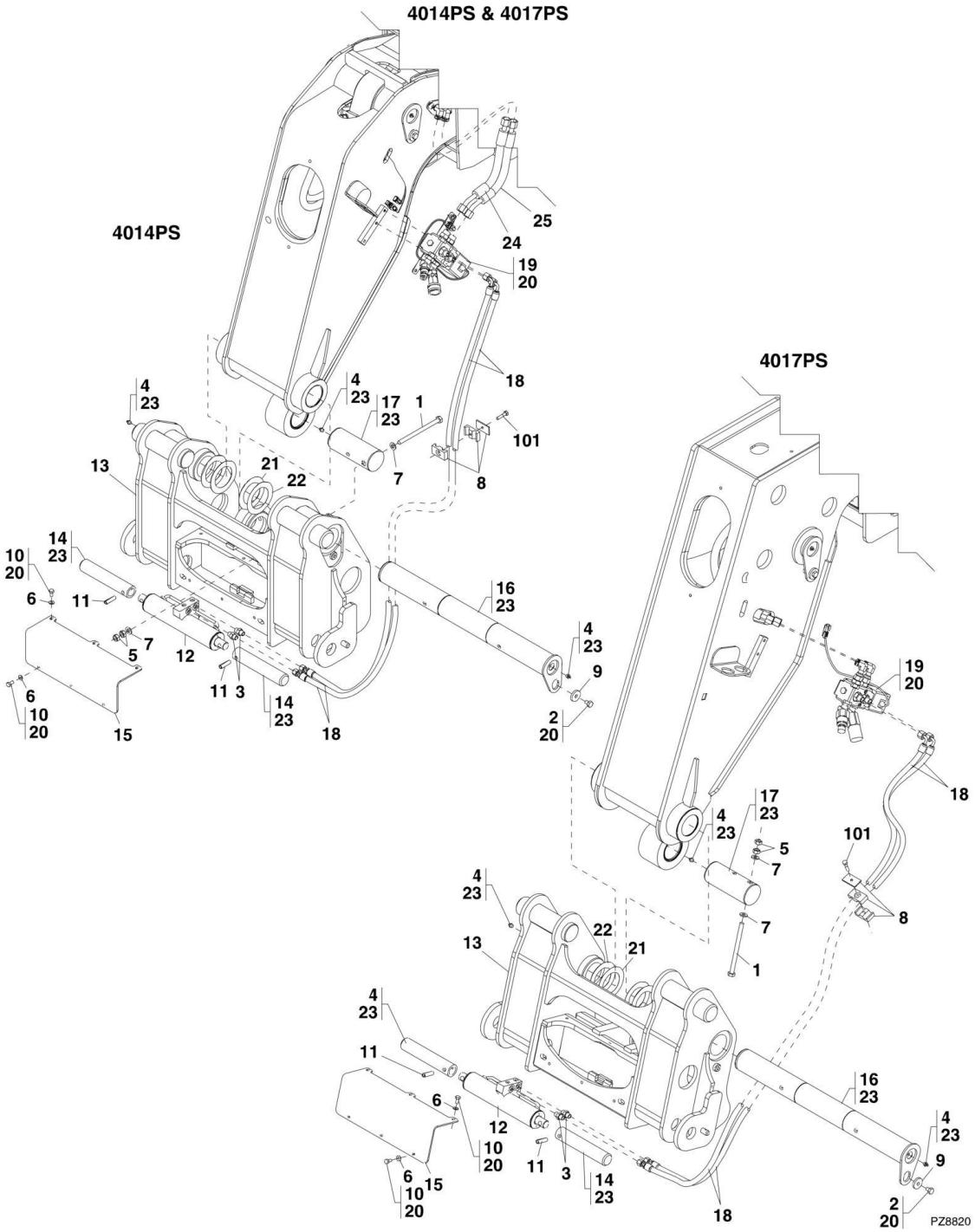


FIGURE 2-20. HYDRAULIC QUICK ATTACH (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001136182	Ref	HYDRAULIC QUICK ATTACH INSTALLATION (if equipped) (not available to order, see items 1 thru 25 for service) (4014PS)	F
	1001152412	Ref	HYDRAULIC QUICK ATTACH INSTALLATION, (Germany) (if equipped) (not available to order, see items 1 thru 25 for service) (4014PS)	C
	1001137543	Ref	HYDRAULIC QUICK ATTACH INSTALLATION (if equipped) (not available to order, see items 1 thru 23 for service) (4017PS)	F
1	0701234	1	HEX HD CAPSCREW, M12X170, GR8.8, (torque to 97 Nm/72 lb-ft)	
2	0761007	1	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/40.5 lb-ft)	
3	2110406	2	STRAIGHT FITTING, (includes o-ring)	
4	2160016	3	GREASE FITTING	
5	3291201	2	HEX NUT, M12X1.75	
6	4811900	6	WASHER, 8mm	
7	4812100	2	WASHER, 12mm	
8	1001006101	1	CLAMP ASSEMBLY, (includes item 101)	
9	1001008948	1	WASHER	
10	0760808	6	HEX HD CAPSCREW, M8X16, GR8.8, (torque to 28 Nm/21 lb-ft)	
11	1001184610	2	PIN	
12		Ref	QUICK ATTACH CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
13	1001136183	1	WELDMENT (4014PS)	
13	1001137544	1	WELDMENT (4017PS)	
14	1001177509	2	PIN	
15	1001156994	1	COVER (4014PS)	
15	1001156995	1	COVER (4017PS)	
16	1001136211	1	PIN (4014PS)	
16	1001137555	1	PIN (4017PS)	
17	1001136214	1	PIN	
18	1001136215	2	HOSE ASSEMBLY (4014PS)	
18	1001137558	2	HOSE ASSEMBLY (4017PS)	
19		Ref	BOOM AUXILIARY HYDRAULIC COMPONENTS, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
20	1001095650	AR	LOCTITE 243	
21	1001098146	AR	SHIM, 72X110X0.5mm	
22	1001098147	AR	SHIM, 72X110X1.0mm	
23	1001098457	AR	LITHIUM GREASE	
24	1001144683	1	HOSE ASSEMBLY (4014PS)	
25	1001144684	1	HOSE ASSEMBLY (4014PS)	
101	1001008784	1	BOLT, M8X1.25	

FIGURE 2-21. HYDRAULIC QUICK ATTACH (4014PS,4017PS)

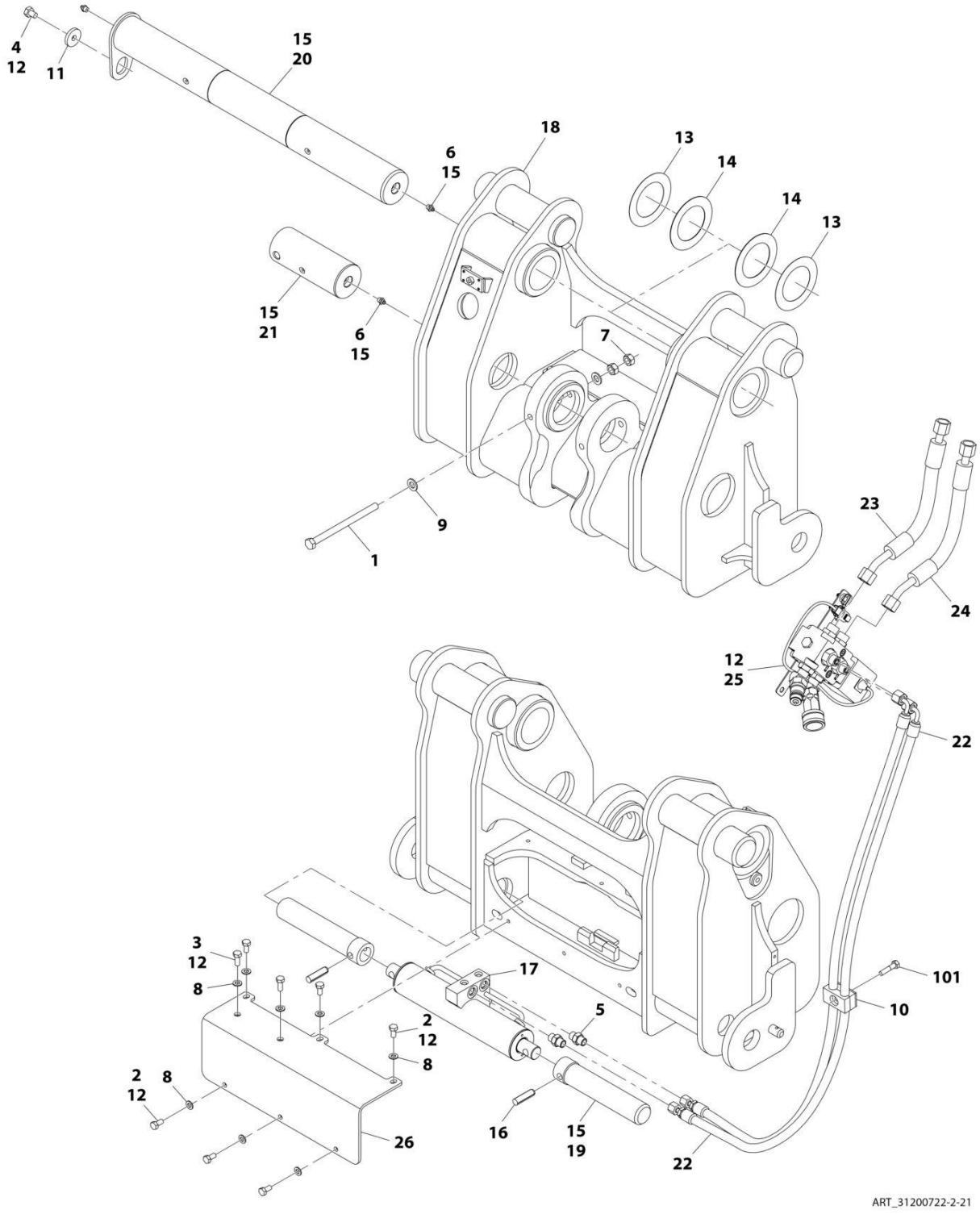


FIGURE 2-21. HYDRAULIC QUICK ATTACH (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159275	Ref	HYDRAULIC QUICK ATTACH INSTALLATION (if equipped with platform) (not available to order, see items 1 thru 26 for service) (4014PS)	B
	1001162500	Ref	HYDRAULIC QUICK ATTACH INSTALLATION (if equipped with platform) (Germany) (not available to order, see items 1 thru 26 for service) (4014PS)	B
	1001156990	Ref	HYDRAULIC QUICK ATTACH INSTALLATION (if equipped with platform) (not available to order, see items 1 thru 24 for service) (4017PS)	B
1	0701234	1	HEX HD CAPSCREW, M12X170, GR8.8, (torque to 97 Nm/42 lb-ft)	
2	0760808	6	HEX HD CAPSCREW, M8X16, GR8.8, (torque to 28 Nm/21 lb-ft)	
3	0760810	2	HEX HD CAPSCREW, M8X20, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
4	0761007	1	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
5	2110406	2	CONNECTOR, (includes o-ring)	
6	2160016	3	GREASE FITTING	
7	3291201	2	HEX NUT, M12X1-3/4	
8	4811900	8	WASHER, 8mm	
9	4812100	2	WASHER, 10mm	
10	1001006101	1	CLAMP ASSEMBLY, (includes item 101)	
11	1001008948	1	WASHER	
12	1001095650	AR	LOCTITE 243	
13	1001098146	AR	SHIM, 72X110X0.5mm	
14	1001098147	AR	SHIM, 72X110X1.0mm	
15	1001098457	AR	LITHIUM GREASE	
16	1001184610	2	PIN	
17		Ref	QUICK ATTACH CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
18	1001177509	2	PIN	
19	1001136214	1	PIN	
20	1001136183	1	WELDMENT (4014PS)	
20	1001137544	1	WELDMENT (Germany) (4014PS,4017PS)	
21	1001136211	1	PIN (4014PS)	
21	1001137555	1	PIN (Germany) (4014PS,4017PS)	
22	1001136215	2	HOSE ASSEMBLY (4014PS)	
22	1001137558	2	HOSE ASSEMBLY (Germany) (4014PS,4017PS)	
23		Ref	BOOM AUXILIARY HYDRAULIC COMPONENTS, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
24	1001156817	1	COVER	
25	1001144683	1	HOSE ASSEMBLY	
26	1001144684	1	HOSE ASSEMBLY	
101	1001008784	1	BOLT, M8X1.25	

FIGURE 2-22. JD QUICK ATTACH (33.7,37.6,37.7,3706PS,3706PS)

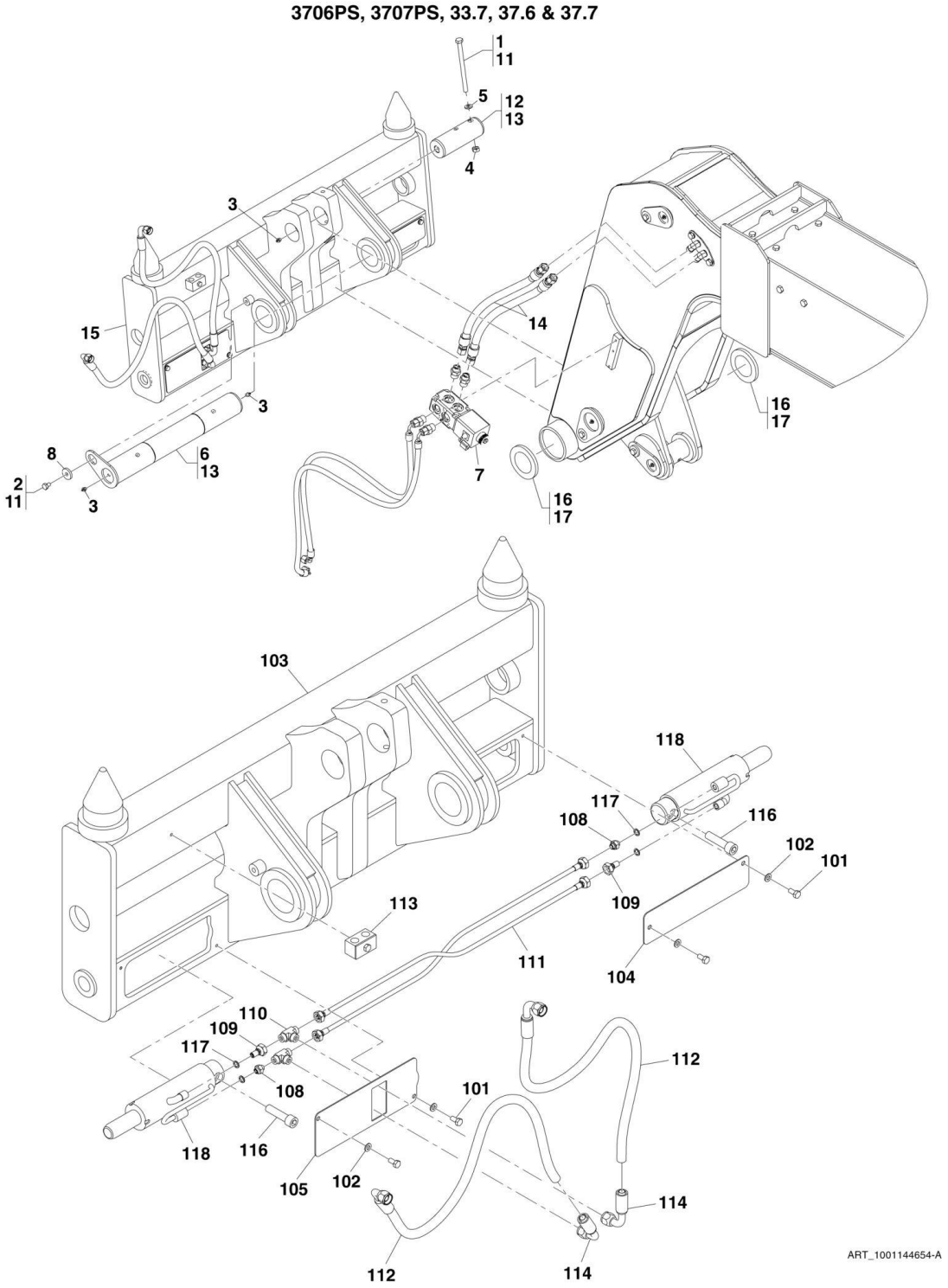


FIGURE 2-22. JD QUICK ATTACH (33.7,37.6,37.7,3706PS,3706PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144654	Ref	JD QUICK ATTACH INSTALLATION, (if equipped), (not available to order, see items 1 thru 17 for service)	A
1	0711234	1	HEX HD CAPSCREW, M12X170, GR10.9, (torque to 95 Nm/70 lb-ft)	
2	0761007	1	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/40.5 lb-ft)	
3	2160016	3	GREASE FITTING	
4	3291201	1	HEX NUT, M12X1.75	
5	4812100	1	WASHER, 12mm	
6	1001002523	1	PIN	
7		Ref	AUXILIARY BOOM HYDRAULIC COMPONENTS, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
8	1001008948	1	WASHER	
11	1001095650	AR	LOCTITE 243	
12	1001097141	1	PIN	
13	1001098457	AR	LITHIUM GREASE	
14	1001144651	2	HOSE ASSEMBLY	
15	1001101355	1	JD QUICK ATTACH ASSEMBLY, (includes items 101 thru 118)	E
16	1001098146	AR	SHIM, 72X110X0.5mm	
17	1001098147	AR	SHIM, 72X110X1.0mm	
101	0760808	4	HEX HD CAPSCREW, M8X16, GR8.8, (torque to 28 Nm/21 lb-ft)	
102	4811900	4	WASHER, 8mm	
103	1001101326	1	WELDMENT	
104	1001101356	1	PLATE	
105	1001101425	1	PLATE	
108	1001097661	2	STRAIGHT FITTING, (includes o-ring)	
109	1001097662	2	STRAIGHT FITTING, (includes o-ring)	
110	1001097663	2	TEE FITTING, (includes o-ring)	
111	1001097664	2	PIPE ASSEMBLY	
112	1001101584	2	PIPE ASSEMBLY	
113	1001097666	1	CLAMP, (includes screw and plate)	
114	1001101586	2	ADAPTER, 90, (includes o-ring)	
116	1001101587	2	BOLT, M14X55	
117	1001101590	4	O-RING	
118	1001104933	2	CYLINDER	
118	70022559	2	SEAL KIT	

FIGURE 2-23. JCB MANUAL QUICK ATTACH (33.7,37.6,37.7,3706PS,3707PS)

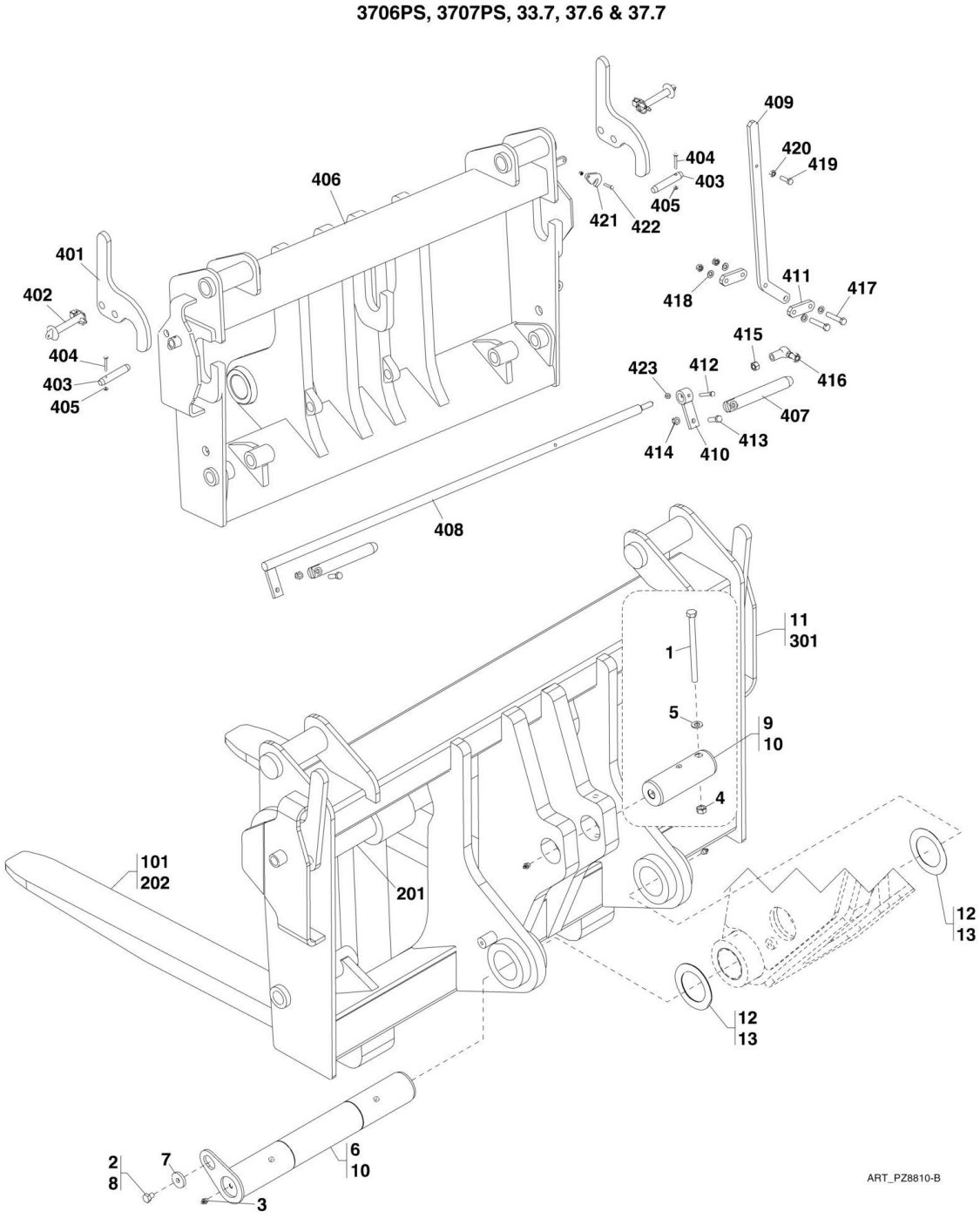


FIGURE 2-23. JCB MANUAL QUICK ATTACH (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001111813	Ref	JCB MANUAL QUICK ATTACH INSTALLATION, (if equipped) (not available to order, see items 1 thru 13 for service)	C
1	0711234	1	HEX HD CAPSCREW, M12X170, GR10.9, (torque to 115 Nm/85 lb-ft)	
2	0761007	1	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/41 lb-ft)	
3	2160016	3	GREASE FITTING	
4	3291201	1	HEX NUT, M12X1.75	
5	4812100	1	WASHER, 12mm	
6	1001002523	1	PIN	
7	1001008948	1	WASHER	
8	1001095650	AR	LOCTITE 243	
9	1001097141	1	PIN	
10	1001098457	AR	LITHIUM GREASE	
11	1001111762	1	CARRIAGE AND FORK ASSEMBLY, (includes items 101 & 301)	D
12	1001098146	AR	SHIM, 72X110X0.5mm	
13	1001098147	AR	SHIM, 72X110X1.0mm	
101	1001111758	1	FORK AND BAR ASSEMBLY, (includes 201 & 202)	E
201	1001108133	1	BAR	
202	1001111757	2	FORK	
301	1001111767	1	CARRIAGE ASSEMBLY, (includes items 401 thru 423)	C
401	1001103192	2	HANDLE	
402	1001103193	2	PIN	
403	1001103194	2	PIN	
404	1001103195	2	BOLT	
405	1001103196	3	NUT	
406	1001111766	1	WELDMENT	
407	1001111772	2	LINK	
408	1001111773	1	LEVER	
409	1001111774	1	BRACKET	
410	1001111775	1	WELDMENT	
411	1001111776	2	BRACKET	
412	1001111836	1	BOLT	
413	1001111837	2	BOLT	
414	1001111838	4	NUT	
415	1001111839	1	NUT	
416	1001111840	1	BALL JOINT	
417	1001111841	2	BOLT	
418	1001111842	4	WASHER	
419	1001111843	1	BOLT	
420	1001111844	1	NUT	
421	1001111845	1	HOOK	
422	1001111846	1	BOLT	
423	1001111847	1	NUT	

FIGURE 2-24. JCB HYDRAULIC QUICK ATTACH (33.7,37.6,37.7,3706PS,3707PS)

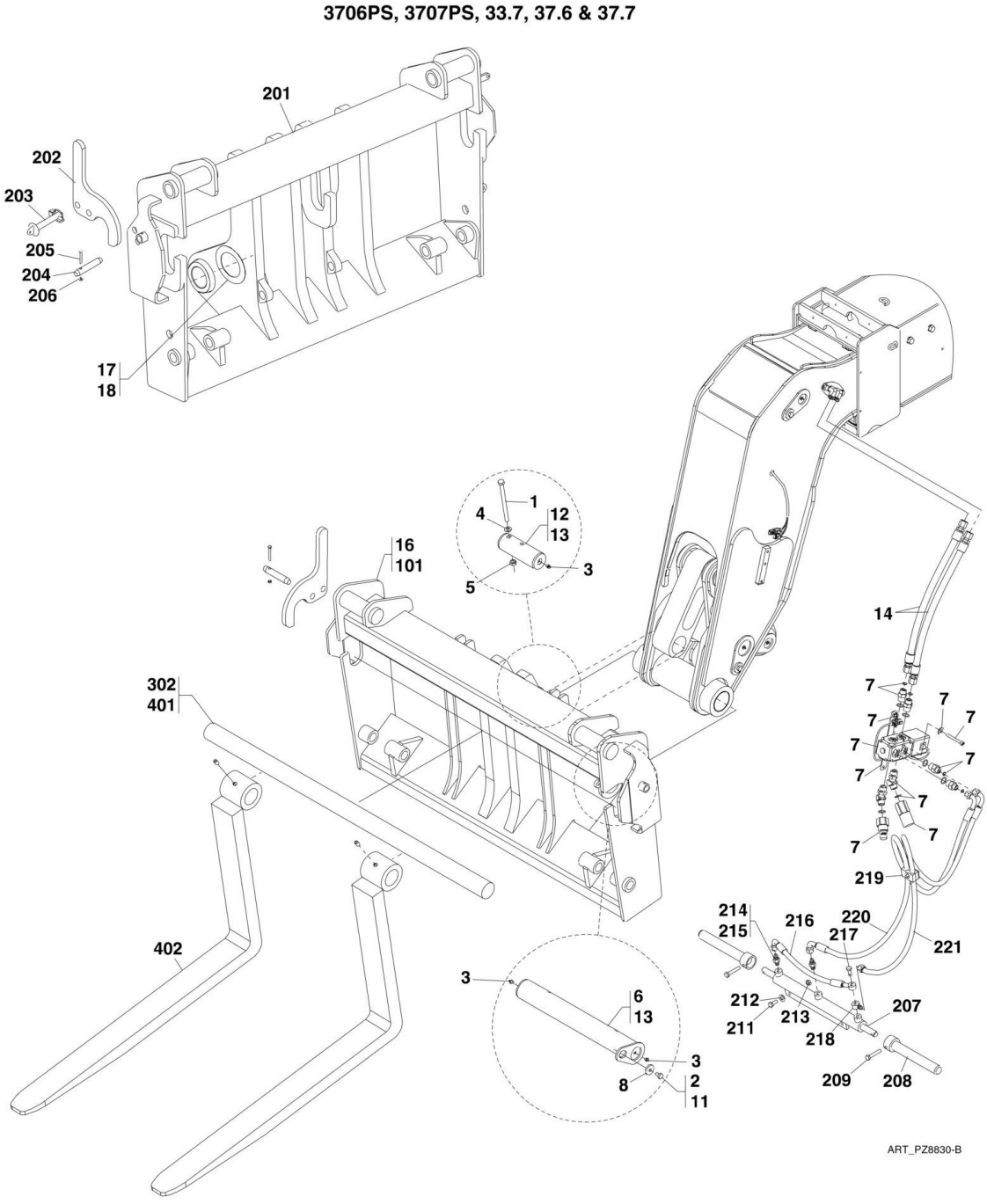
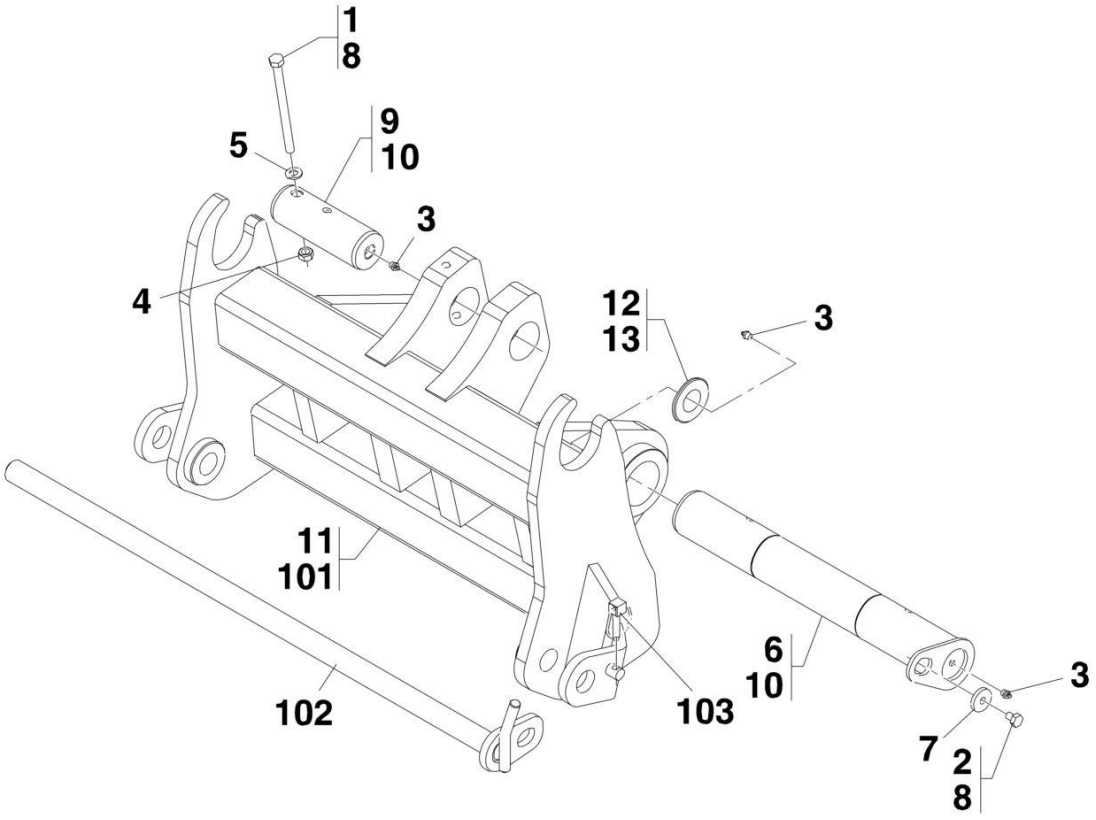


FIGURE 2-24. JCB HYDRAULIC QUICK ATTACH (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144653	Ref	JCB HYDRAULIC QUICK ATTACH INSTALLATION, (if equipped), (not available to order, see items 1 thru 18 for service)	B
1	0711234	1	HEX HD CAPSCREW, M12X170, GR10.9, (torque to 115 Nm/85 lb-ft)	
2	0761007	1	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/41 lb-ft)	
3	2160016	3	GREASE FITTING	
4	3291201	1	HEX NUT, M12X1.75	
5	4812100	1	WASHER, 12mm	
6	1001002523	1	PIN	
7		Ref	AUXILIARY BOOM HYDRAULIC COMPONENTS, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
8	1001008948	1	WASHER	
11	1001095650	AR	LOCTITE 243	
12	1001097141	1	PIN	
13	1001098457	AR	LITHIUM GREASE	
14	1001144651	2	HOSE ASSEMBLY	
16	1001111761	1	CARRIAGE AND FORK ASSEMBLY, (includes items 101 & 302)	D
17	1001098146	AR	SHIM, 72X110X0.5mm	
18	1001098147	AR	SHIM, 72X110X1.0mm	
101	1001102939	1	CARRIAGE ASSEMBLY, (includes items 201 thru 221)	F
201	1001101483	1	WELDMENT	
202	1001103192	2	HANDLE	
203	1001103193	2	PIN	
204	1001103194	2	PIN	
205	1001103195	2	BOLT	
206	1001103196	3	NUT	
207	1001103198	1	CYLINDER	
207	70023274	1	SEAL KIT	
208	1001103199	2	PIN	
209	1001103200	2	BOLT	
211	1001103202	2	BOLT	
212	1001103203	2	SPRING WASHER	
213	1001103204	2	NUT	
214	1001103205	5	O-RING	
215	1001103206	2	STAIGHT FITTING	
216	1001103207	1	PIPE ASSEMBLY	
217	1001103208	1	BOLT	
218	1001103209	1	ADAPTER	
219	1001103533	1	CLAMP	
220	1001103230	1	PIPE ASSEMBLY	
221	1001103231	1	PIPE ASSEMBLY	
302	1001111758	1	FORK AND BAR ASSEMBLY, (includes 401 & 402)	E
401	1001108133	1	BAR	
402	1001111757	2	FORK	

FIGURE 2-25. MANITOU MANUAL QUICK ATTACH

3706PS, 3707PS, 33.7, 37.6, 37.7, 4014PS & 4017PS



ART_31200722-2-25

FIGURE 2-25. MANITOU MANUAL QUICK ATTACH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103157	Ref	MANITOU MANUAL QUICK ATTACH INSTALLATION (if equipped) (not available to order, see items 1 thru 13 for service) (33.7,37.6,37.7,3706PS,3707PS)	B
	1001171940	Ref	MANITOU MANUAL QUICK ATTACH INSTALLATION (if equipped) (not available to order, see items 1 thru 13 for service) (4014PS,4017PS)	A
1	0711234	1	HEX HD CAPSCREW, M12X170, GR10.9, (torque to 115 Nm/85 lb-ft)	
2	0761007	1	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/41 lb-ft)	
3	2160016	3	GREASE FITTING	
4	3291201	1	HEX NUT, M12X1.75	
5	4812100	1	WASHER, 12mm	
6	1001002523	1	PIN (33.7,37.6,37.7,3706PS,3707PS)	
6	1001136214	1	PIN (4014PS,4017PS)	
7	1001008948	1	WASHER	
8	0100011	AR	LOCTITE 242 (33.7,37.6,37.7,3706PS,3707PS)	
8	1001095650	AR	LOCTITE 242 (4014PS,4017PS)	
9	1001097141	1	PIN (33.7,37.6,37.7,3706PS,3707PS)	
9	1001137555	1	PIN (4014PS,4017PS)	
10	1001098457	AR	LITHIUM GREASE	
11	1001103155	1	QUICK ATTACH ASSEMBLY (includes items 101 thru 103) (33.7,37.6,37.7,3706PS,3707PS)	A
11	1001171766	1	QUICK ATTACH ASSEMBLY (includes items 101 thru 103) (4014PS,4017PS)	A
12	1001098146	AR	SHIM, 72X110X0.5mm	
13	1001098147	AR	SHIM, 72X110X1.0mm	
101	1001101485	1	WELDMENT (33.7,37.6,37.7,3706PS,3707PS)	
101	1001172815	1	WELDMENT (4014PS,4017PS)	
102	1001104349	1	PIN	
103	1001104350	1	PIN	

FIGURE 2-26. MANITOU HYDRAULIC QUICK ATTACH (33.7,37.6,37.7,3706PS,3707PS)

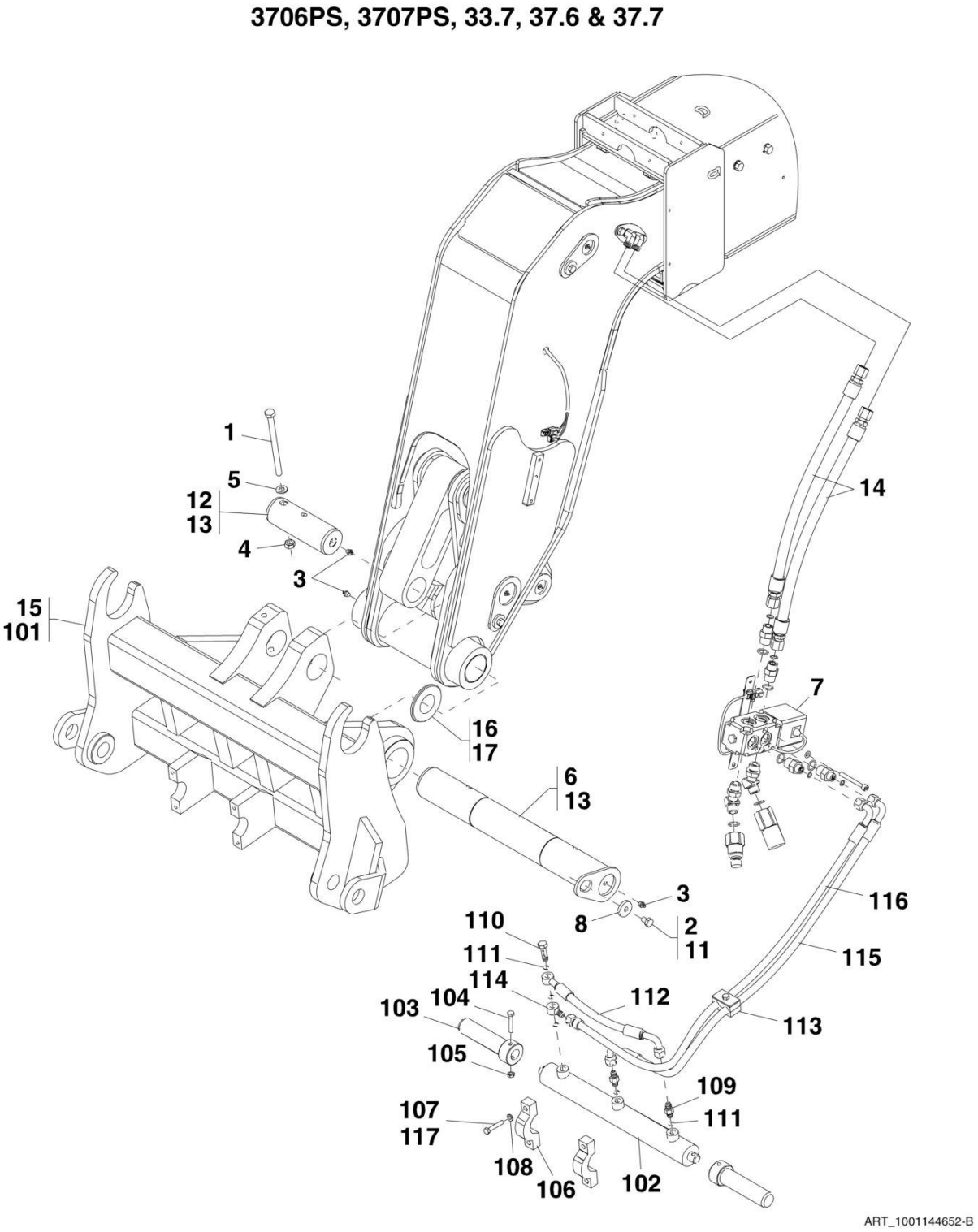


FIGURE 2-26. MANITOU HYDRAULIC QUICK ATTACH (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144652	Ref	MANITOU HYDRAULILC QUICK ATTACH INSTALLATION, (if equipped), (not available to order, see items 1 thru 17 for service)	B
1	0711234	1	HEX HD CAPSCREW, M12X170, GR10.9, (torque to 115 Nm/85 lb-ft)	
2	0761007	1	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/41 lb-ft)	
3	2160016	3	GREASE FITTING	
4	3291201	1	HEX NUT, M12X1.75	
5	4812100	1	WASHER, 12mm	
6	1001002523	1	PIN	
7		Ref	AUXILIARY BOOM HYDRAULIC COMPONENTS, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
8	1001008948	1	WASHER	
11	0100011	AR	LOCTITE 242	
12	1001097141	1	PIN	
13	1001098457	AR	LITHIUM GREASE	
14	1001144651	2	HOSE ASSEMBLY	
15	1001102941	1	QUICK ATTACH ASSEMBLY, (includes items 101 thru 117)	B
16	1001098146	AR	SHIM, 72X110X0.5mm	
17	1001098147	AR	SHIM, 72X110X1.0mm	
101	1001103375	1	WELDMENT	
102	1001103522	1	CYLINDER	
102	70023273	1	SEAL KIT	
103	1001103523	2	PIN	
104	1001103524	2	BOLT	
105	1001103525	2	LOCKNUT	
106	1001103526	2	CLAMP	
107	1001103527	4	BOLT	
108	1001103528	4	WASHER	
109	1001103529	2	STRAIGHT FITTING	
110	1001103530	1	HYDRAULIC BOLT	
111	1001103531	5	O-RING	
112	1001103532	1	HOSE ASSEMBLY	
113	1001103533	3	CLAMP ASSEMBLY	
114	1001103534	1	BANJO LINK	
115	1001103536	1	HOSE ASSEMBLY	
116	1001103537	1	HOSE ASSEMBLY	
117	1001095650	AR	LOCTITE 243	

FIGURE 2-27. MANUAL QUICK ATTACH INSTALLATION (IF EQUIPPED WITH PLATFORM) (4014PS,4017PS)

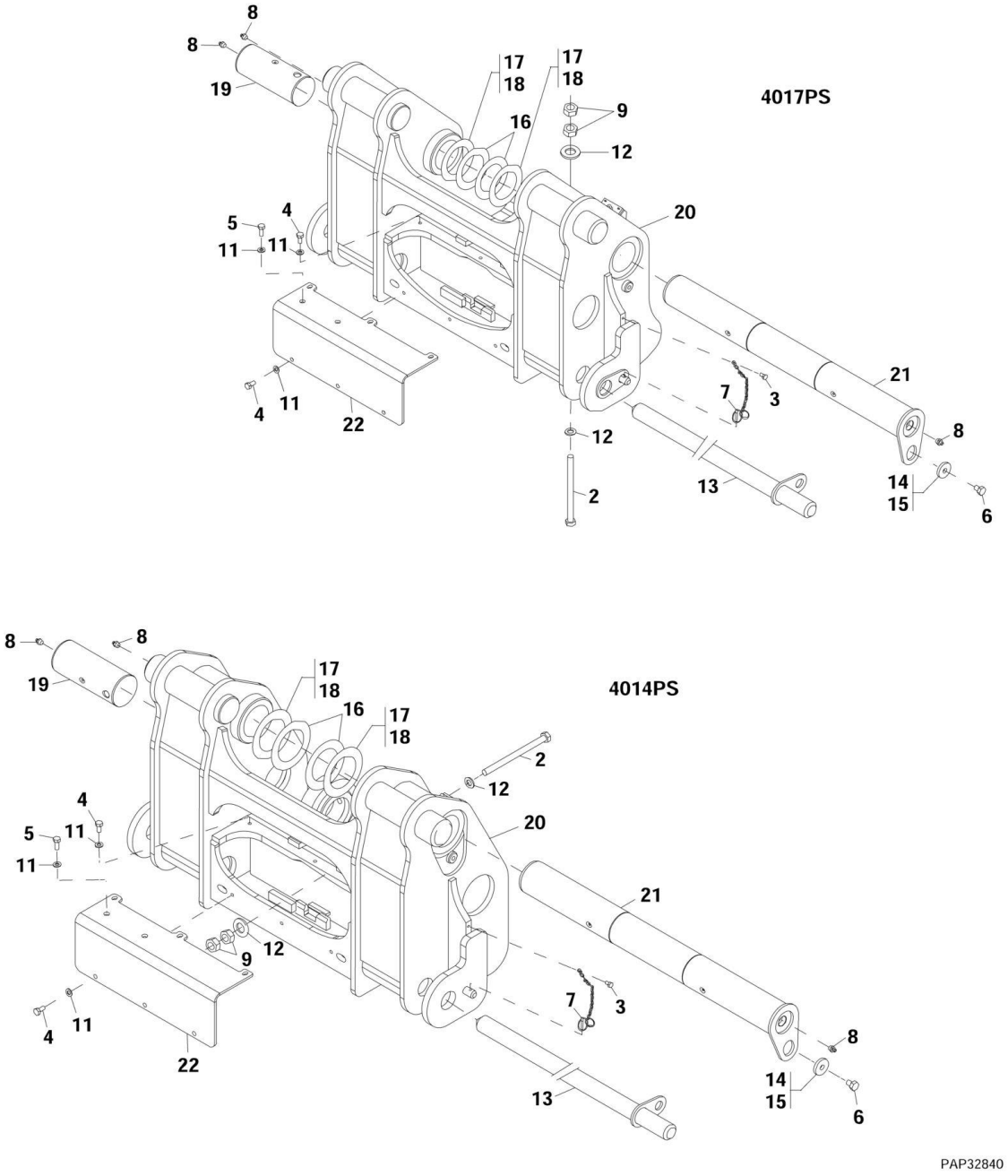


FIGURE 2-27. MANUAL QUICK ATTACH INSTALLATION (IF EQUIPPED WITH PLATFORM) (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156989	Ref	MANUAL QUICK ATTACH INSTALLATION (if equipped with platform) (Germany) (not available to order, see items 2 thru 22 for service) (4014PS,4017PS)	C
	1001159273	Ref	MANUAL QUICK ATTACH INSTALLATION (if equipped with platform) (not available to order, see items 2 thru 22 for service) (4014PS)	C
2	0701234	1	HEX HD CAPSCREW, M12X170, GR8.8, (torque to 97 Nm/42 lb-ft)	
3	0760605	1	HEX HD CAPSCREW, M6X10, GR8.8, (torque to 12 Nm/9 lb-ft)	
4	0760808	6	HEX HD CAPSCREW, M8X16, GR8.8, (torque to 28 Nm/21 lb-ft)	
5	0760810	2	HEX HD CAPSCREW, M8X20, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
6	0761007	1	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
7	1001161673	1	PIN	
8	2160016	3	GREASE FITTING	
9	3291201	2	HEX NUT, M12X1.75	
11	4811900	8	WASHER, 8mm	
12	4812100	2	WASHER, 12mm	
13	1001162636	1	ROD	
14	1001008948	1	WASHER	
15	1001095650	AR	LOCTITE 243	
16	1001098146	AR	SHIM, 72X110X0.5mm	
17	1001098147	AR	SHIM, 72X110X1.0mm	
18	1001098457	AR	LITHIUM GREASE	
19	1001136214	1	PIN (4017PS)	
20	1001137544	1	WELDMENT (Germany) (4014PS,4017PS)	
20	1001136183	1	WELDMENT (4014PS)	
21	1001137555	1	PIN (Germany) (4017PS,4017PS)	
21	1001136211	1	PIN (4014PS)	
22	1001156817	1	COVER (4017PS)	

SECTION 3 - ATTACHMENTS

FIGURE 3-1. CARRIAGE ASSEMBLY

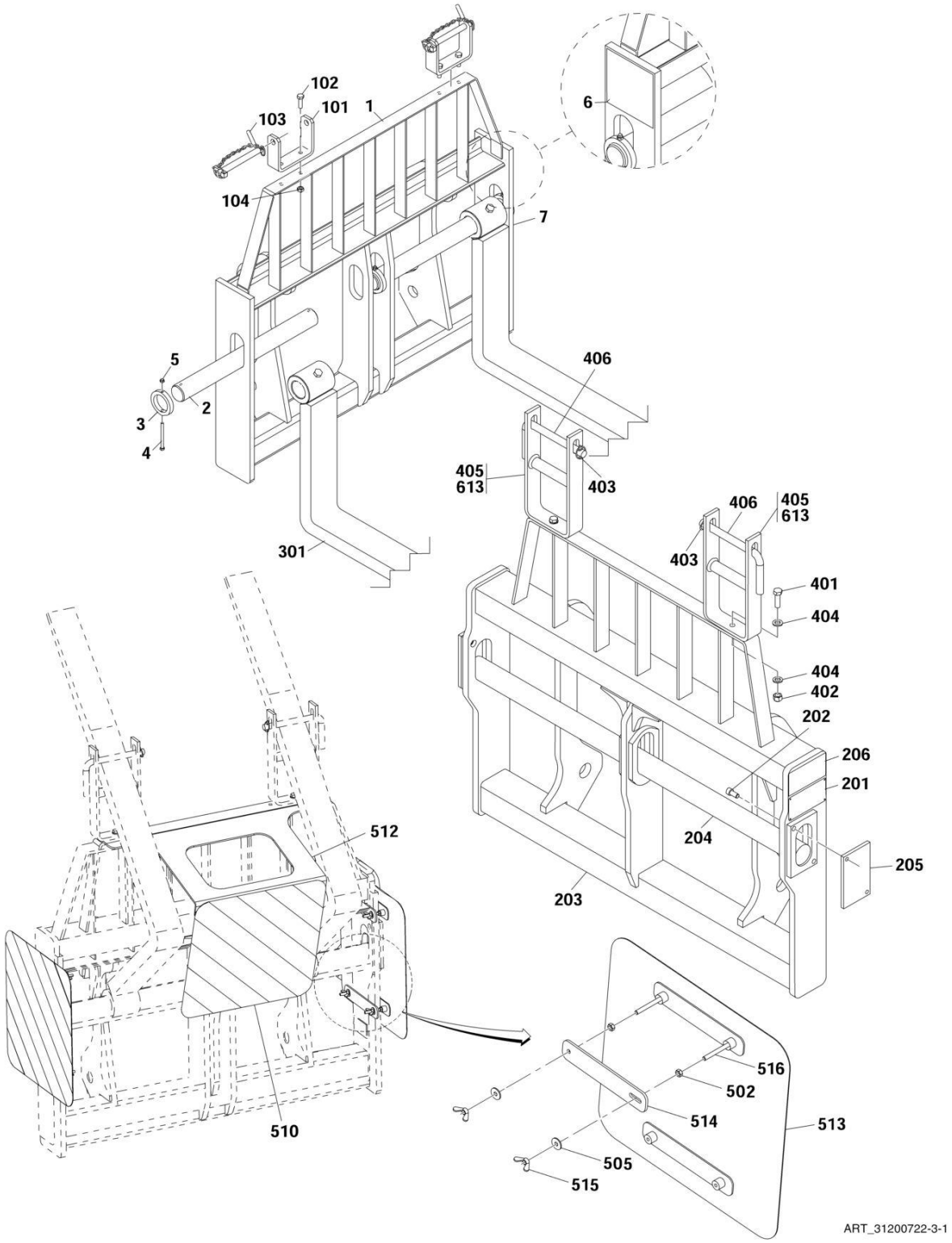


FIGURE 3-1. CARRIAGE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170028	1	CARRIAGE ASSY, (Benne), (includes items 1 thru 7) **(Prior to SN 1160007662)**	E
	1001112618	1	CARRIAGE ASSY, (Benne), (includes items 1 thru 5 & 7) **(SN 1160007662 to Present)**	C
1	N.S.S.	1	CARRIAGE WELDMENT	
2	4040283	2	CARRIAGE SHAFT	
3	3760508	4	SHAFT COLLAR	
4	0700827	4	HEX HD CAPSCREW, M8X100, GR8.8	
5	3290805	4	HEX LOCKNUT, 8mm	
6	N.S.S.	1	NAME PLATE	
7	N.S.S.	1	SN PLATE	
	0240143	1	FORK TRANSPORT LATCH, (CE and AUS), (includes items 101 thru 104)	A
101	0903366	2	LOCKING BRACKET	
102	0761216	4	HEX HD CAPSCREW, 12X40	
103	3291205	4	HEX LOCKNUT, 12mm	
104	3423258	2	LOCKING PIN	
	1001107333	1	CARRIAGE ASSY (500mm) (CE) (Vetter) (includes items 201 thru 206) (4014PS,4017PS)	A
	1001152655	1	CARRIAGE ASSY (500mm) (includes items 201 thru 206) (33.7,37.6,37.7,3706PS,3707PS)	A
	1001107581	1	CARRIAGE ASSY (600mm) (EAME and AUS) (includes items 201 thru 206) (4014PS,4017PS)	A
201	N.S.S.	1	SN PLATE	
202	4032109	4	SOCKET HD CAPSCREW, M12X25	
203	N.S.S.	1	CARRIAGE WELDMENT	
204	1001107336	1	CARRIAGE SHAFT	
205	1001107338	2	SHAFT COVER	
206	N.S.S.	1	NAME PLATE	
301		Ref	FORKS, (See FORK TINES for Breakdown)	
	1001120182	1	FORK TRANSPORT LATCH, (CE and AUS), (Vetter), (includes items 401 thru 406)	C
401	0701217	2	HEX HD CAPSCREW, M12X45, GR8.8	
402	3291201	2	HEX NUT, M12X1.75	
403	3964987	2	SPLIT PIN	
404	5241200	4	WASHER, 12mm	
405	1001006141	NLA	FORK LOCK BACK BRACKET, (no longer available, use 1001130822 for replacement)	
405	1001130822	2	FORK LOCK BACK BRACKET	
406	1001100262	2	CARRIAGE FORK RETAINER PIN	
502	3290801	8	HEX NUT, M8X1.25, (Italy - if equipped) **(Prior to SN 1160008047)**	
505	4811902	8	WASHER, 8mm, (Italy - if equipped) **(Prior to SN 1160008047)**	
510	1001162771	3	SAFETY FILM, (Italy - if equipped) **(Prior to SN 1160008047)**	
512	1001163676	1	PLATE (Italy - if equipped) **(Prior to SN 1160008047)**	
513	1001163929	2	BRACKET (Italy - if equipped) **(Prior to SN 1160008047)**	
514	1001163938	4	PLATE, (Italy - if equipped) **(Prior to SN 1160008047)**	
515	1001164237	8	NUT, M8X1.25, (Italy - if equipped) **(Prior to SN 1160008047)**	
516	1001164273	8	STUD, M8X80 LG, (Italy - if equipped) **(Prior to SN 1160008047)**	
613	1001152259	2	FORK LOCK BACK BRACKET, (Germany)	

FIGURE 3-2. SIDE SHIFT CARRIAGE ASSEMBLY (Prior to SN 1160008730)

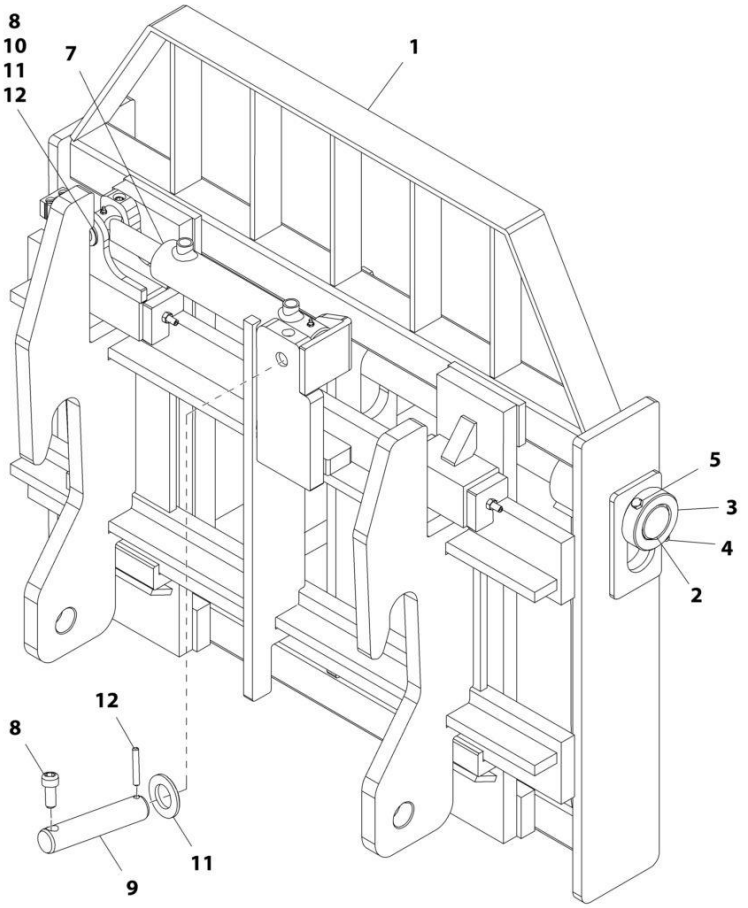


FIGURE 3-2. SIDE SHIFT CARRIAGE ASSEMBLY (Prior to SN 1160008730)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170002	1	Side Shift Carriage Assembly, (Lamy), (includes items 1 thru 5 & 7 thru 13)	J
1	N.S.S.	1	Carriage Weldment	
2	7028136	1	Fork Pin	
3	7028137	2	Collar	
4	3291005	2	Nut	
5	0701029	2	Capscrew	
7	70021558	1	Cylinder	
8	70021559	2	Bolt	
9	70021560	1	Pin	
10	70021561	1	Pin	
11	70021562	2	Washer	
12	70021563	2	Roll Pin	
13	N.S.S.	1	S/N Plate (not shown)	

FIGURE 3-3. SIDE SHIFT CARRIAGE ASSEMBLY (SN 1160008730 to Present)

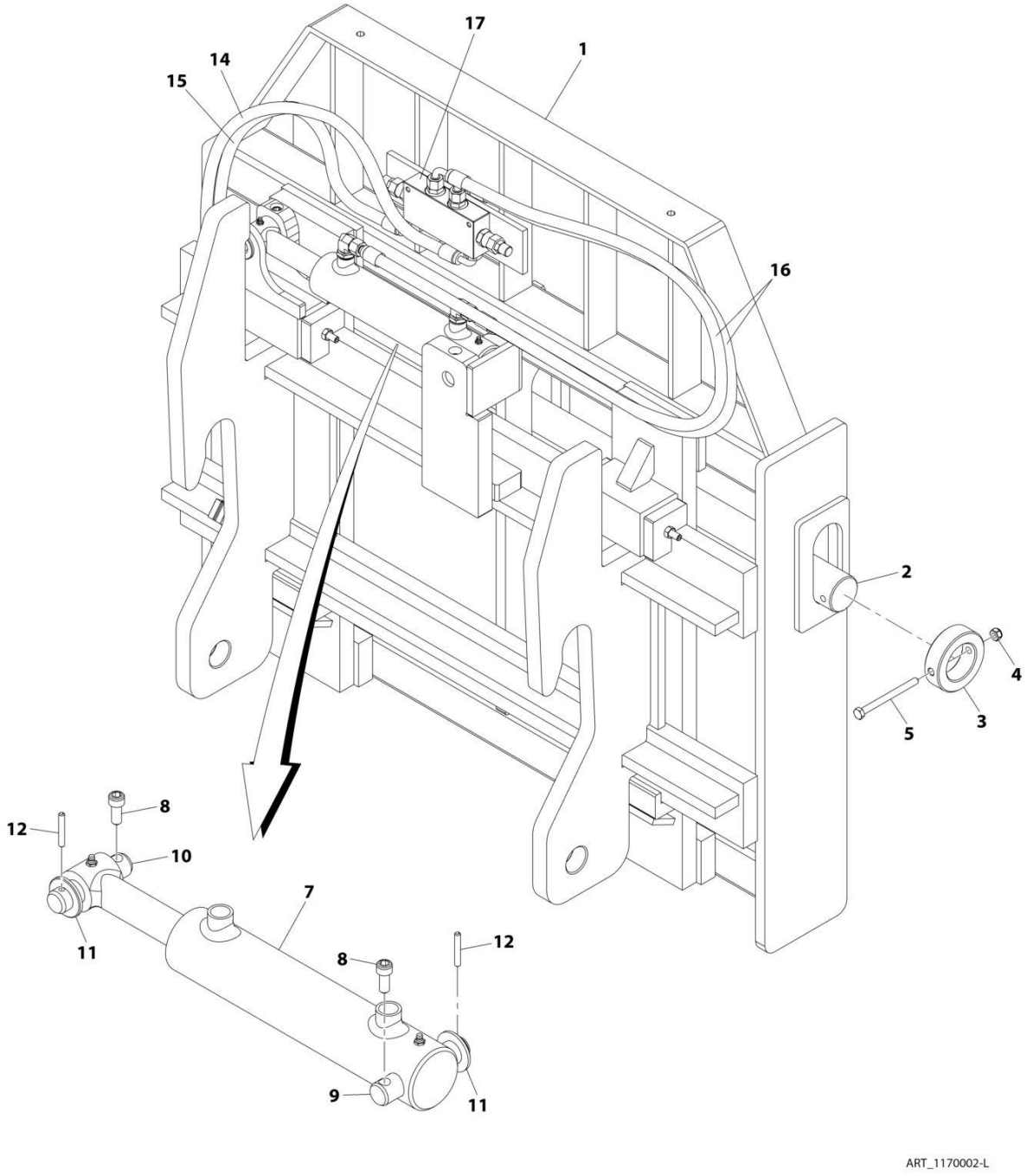


FIGURE 3-3. SIDE SHIFT CARRIAGE ASSEMBLY (SN 1160008730 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170002	1	Side Shift Carriage Assembly	K
1	N.S.S.	1	Carriage Weldment	
2	7028136	1	Fork Pin	
3	7028137	2	Collar	
4	3291005	2	Nut	
5	0701029	2	Capscrew	
7	70021558	1	Cylinder	
8	70021559	2	Bolt	
9	70021560	1	Pin	
10	70021561	1	Pin	
11	70021562	2	Washer	
12	70021563	2	Roll Pin	
13	N.S.S.	1	S/N Plate (not shown)	
14	70029011	3	Hose	
15	70029012	1	Hose	
16	70029013	2	Hose	
17	70027291	1	Balancing Valve	

FIGURE 3-4. FORK TINES

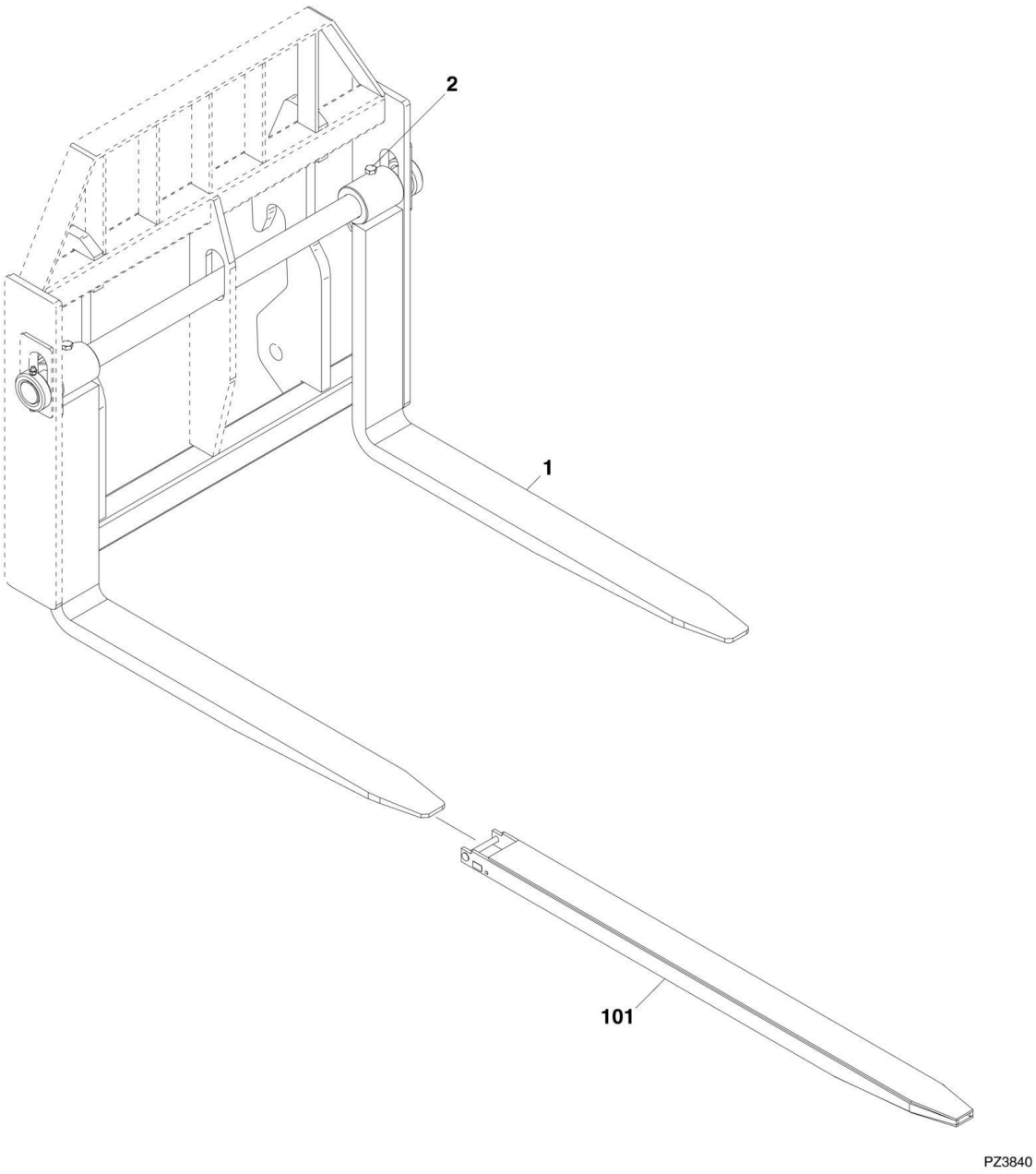


FIGURE 3-4. FORK TINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340030	1	FORK TINE ASSY (Lamy) (100X50X1200mm) (4000kg per pair) (sold as a pair) (33.7,37.6,37.7,3706PS,3707PS)	D
1	1001007542	1	FORK TINE ASSY (100X50X1200mm) (4000kg per pair) (sold as a pair) (4014PS,4017PS)	A
2	1001008459	2	BOLT	
1	1001117945	1	FORK TINE ASSY (100X50X1200mm) (2000kg) (sold as a pair) (33.7,37.6,37.7,3706PS,3707PS)	C
2	7028628	2	CAPSCREW	
1	2340041	1	PALLET FORK ASSY (Benne) (2000kg) (100X50X1200mm) (sold as a pair)	C
2	0761612	2	HEX HD CAPSCREW, M16X25, GR8.8	
1	1001100911	1	FORK TINE ASSY (Vetter) (4000 kg per pair) (100X50X1200mm) (sold as a pair)	D
1	1001107586	1	FORK TINE ASSY (Vetter) (AUS ONLY) (2000 kg) (100X50X1800) (sold as a pair) (4014PS,4017PS)	C
2	0761214	2	HEX HD CAPSCREW, M12X30, GR8.8	
101	1001112560	2	FORK EXTENSION (100X60) (4014PS)	B
101	1001112559	2	FORK EXTENSION (100X50X1800)	C
101	70022831	2	BOLT KIT, (includes washer and clip)	
N1	Note	Ref	**FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.**	
N2	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-5. FORK POSITIONING CARRIAGE W/FORKS

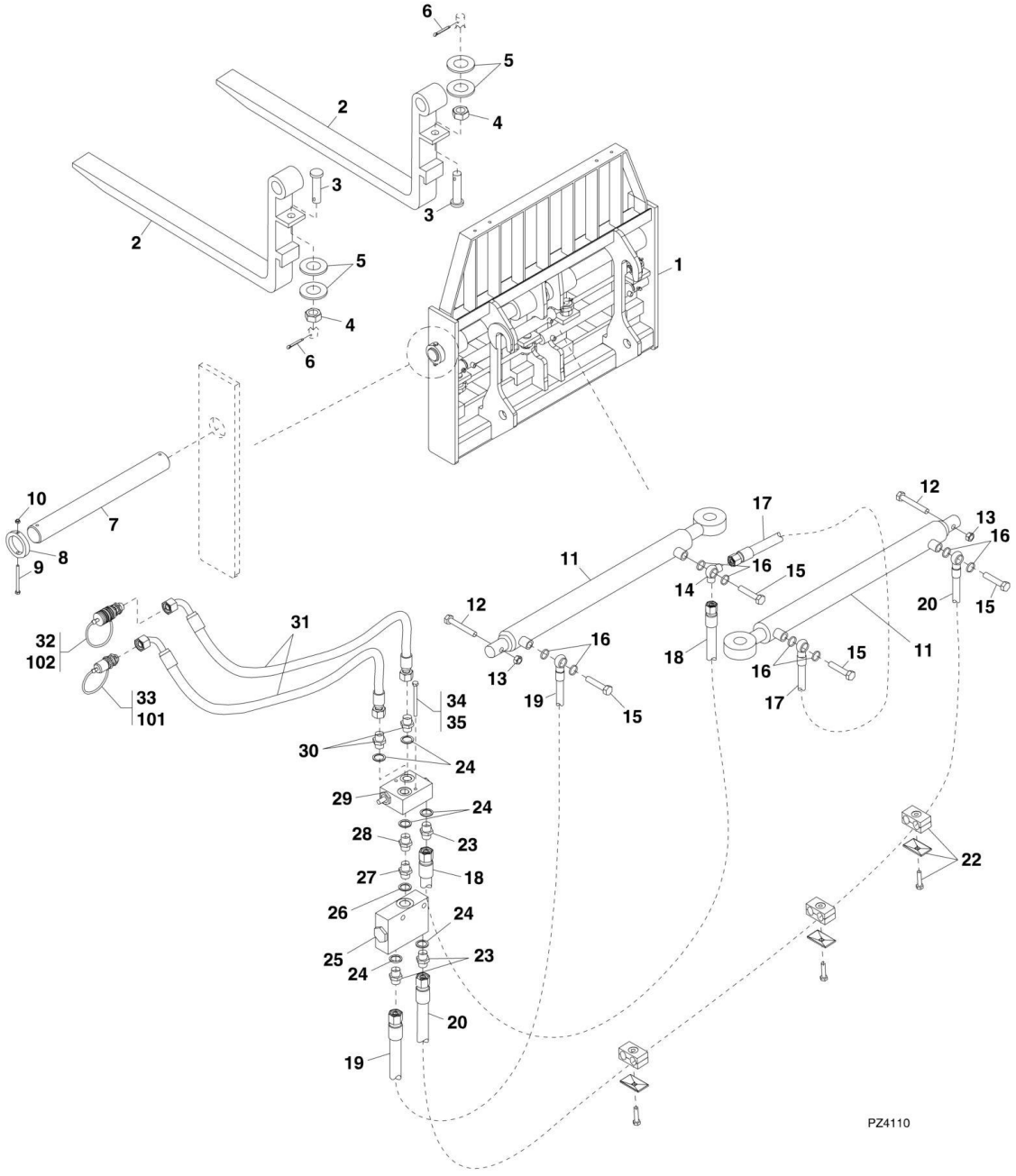
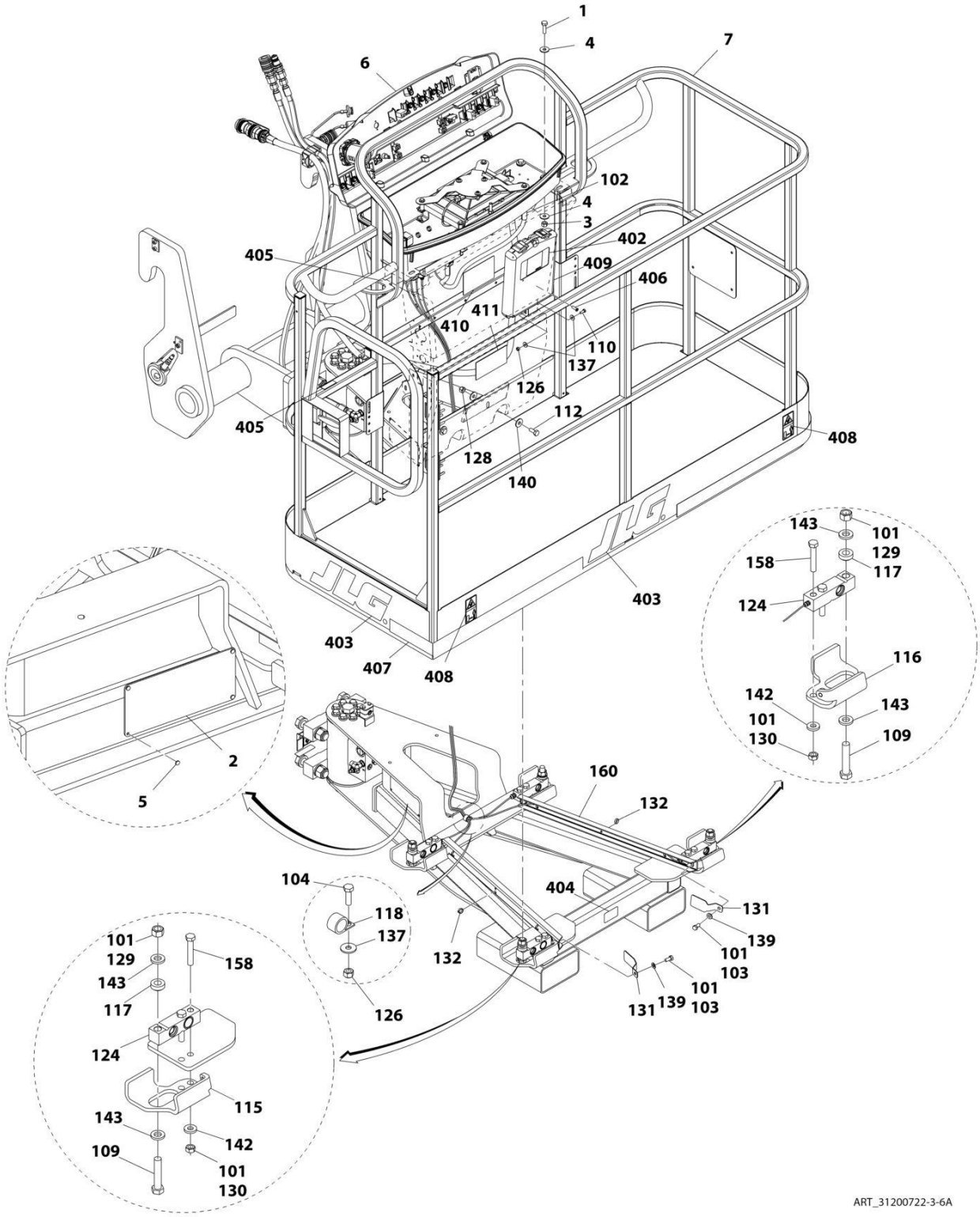
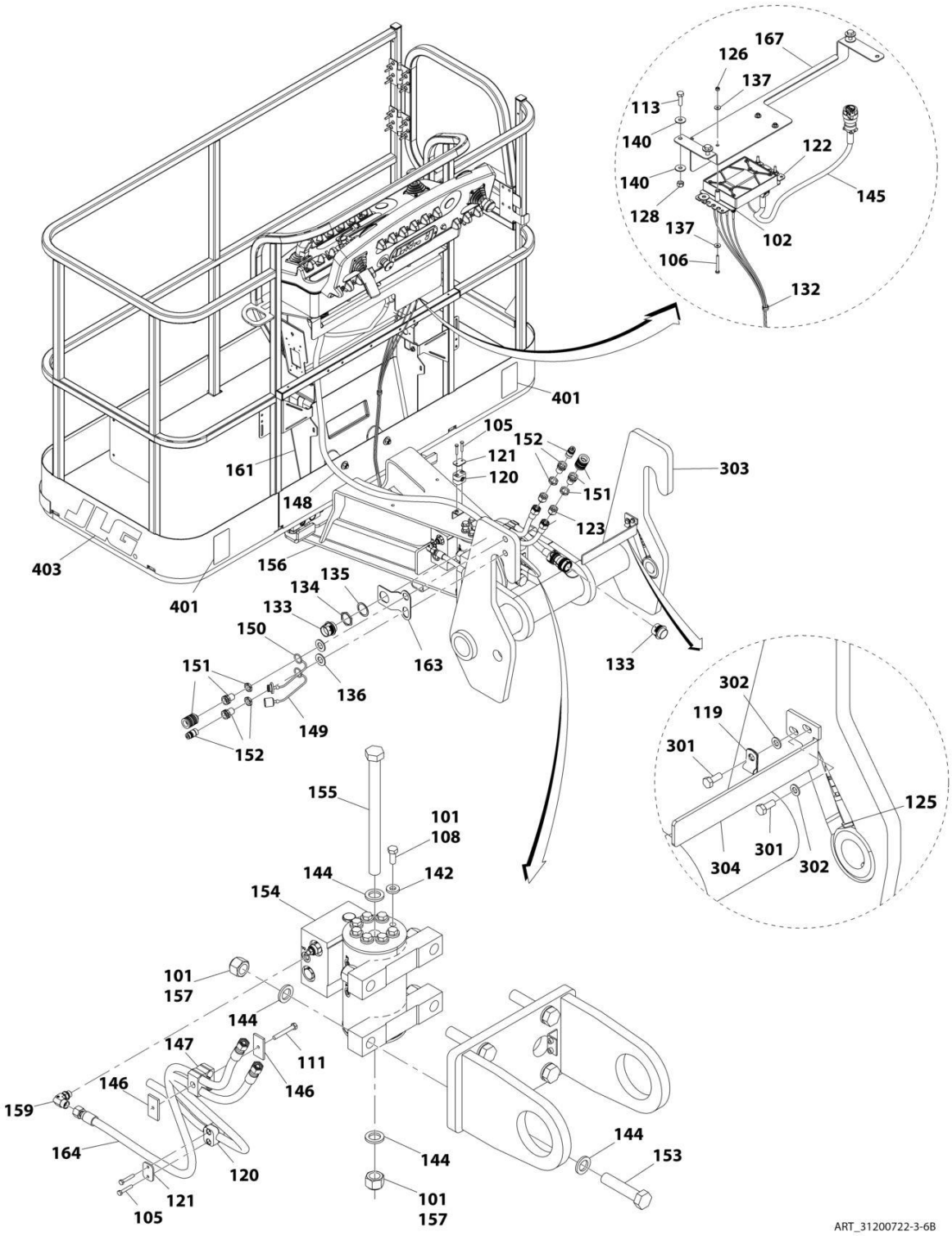


FIGURE 3-5. FORK POSITIONING CARRIAGE W/FORKS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091313	1	FORK POSITIONING CARRIAGE W/FORKS, (includes items 1 thru 35)	A
1	N.S.S.	1	WELDMENT	
2	70022922	2	FORKS, (100X50X1200), (2000kg per fork)	
3	70021835	2	ROD PIN	
4	70026018	2	Nut	
5	70028978	4	Washer	
6	70021836	2	SPLIT PIN	
7	70022923	2	CARRIAGE SHAFT	
8	70022924	4	SHAFT COLLAR	
9	70028979	4	Bolt	
10	70021241	4	HEX LOCKNUT, M12	
11	70023276	2	CYLINDER	
11	70023278	AR	SEAL KIT, (USE WITH CYLINDERS MARKED 1.3351.01C.02.01)	
11	70023277	AR	SEAL KIT, (USE WITH CYLINDERS MARKED 1.3351.01C.02.02)	
12	70028028	2	Bolt	
13	70028031	2	Locknut	
14	70022925	1	ELBOW, 90	
15	1001103530	4	BOLT	
16	70020730	8	O-RING	
17	70021838	1	HOSE ASSY	
18	70021839	1	HOSE ASSY	
19	70021840	1	HOSE ASSY	
20	70021841	1	HOSE ASSY	
22	1001103533	3	CLAMP SET, (includes screw and plate)	
23	70020731	3	FITTING	
24	70022907	6	O-RING	
25	70021842	1	COUNTER VALVE	
26	70022927	1	O-RING	
27	70022928	1	FITTING	
28	70022929	1	FITTING	
29	70021843	1	PRESSURE VALVE	
30	70022906	2	ADAPTER	
31	70022930	2	PIPE ASSY	
32	1001094555	1	FEMALE QUICK DISCONNECT COUPLING	
33	1001094556	1	MALE QUICK DISCONNECT COUPLING	
34	70028980	2	Bolt	
35	70022912	2	Nut	
101	1001093826	1	DUST CAP	
102	1001093827	1	DUST PLUG	

FIGURE 3-6. FIXED PLATFORM INSTALLATION, 1.8M (4014PS,4017PS)




167
126
137
113
140
122
140
145
128
137
102
106
132
401
105
152
121
120
303
161
151
148
123
403
156
135
134
401
133
150
163
133
151
136
149
152
302
119
301
125
304
301
302
155
101
108
144
142
154
101
157
144
147
111
146
146
159
164
144
153
120
121
101
105
157
ART_31200722-3-6B

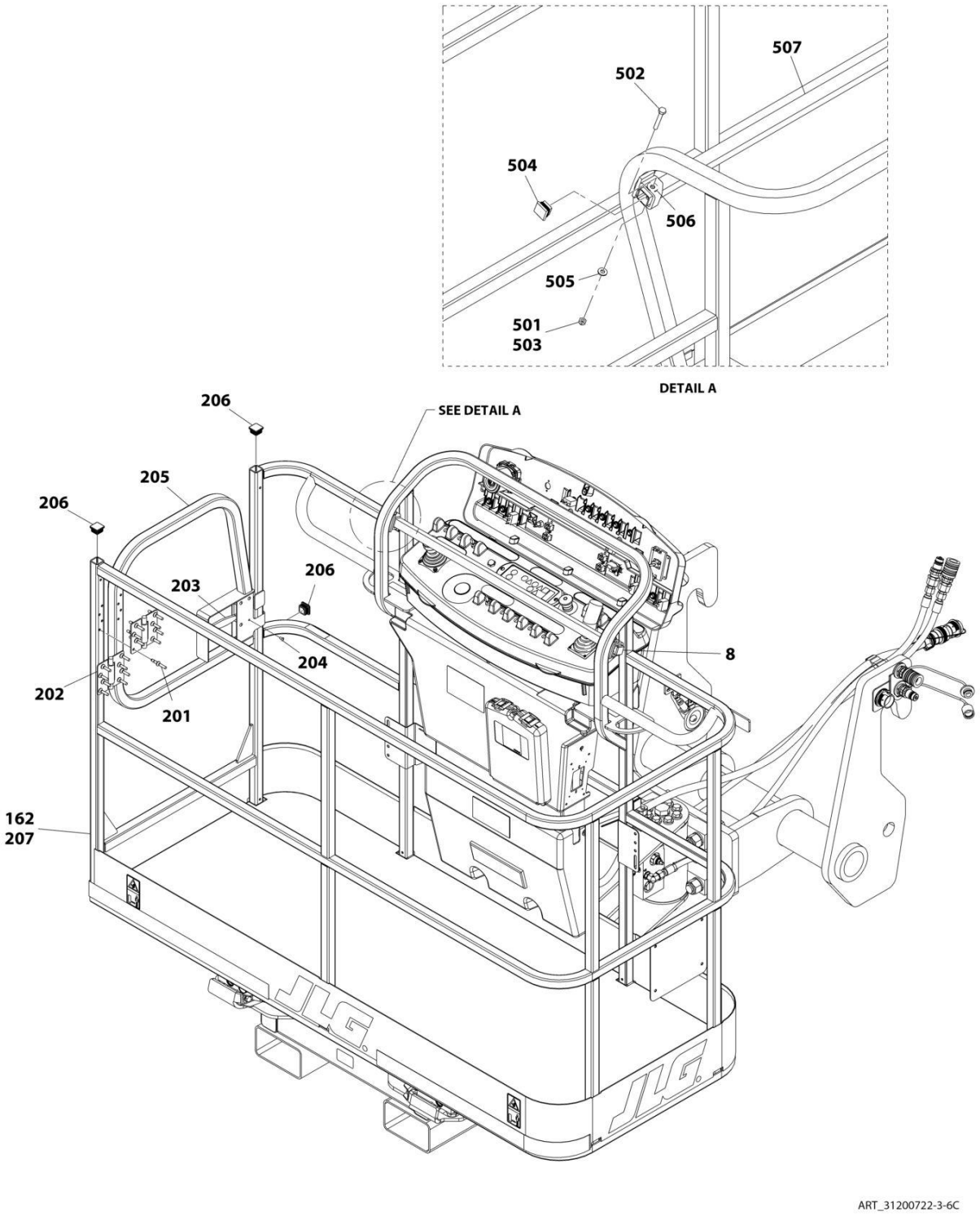

507
502
504
506
505
501
503
DETAIL A
206
SEE DETAIL A
205
206
206
203
204
8
202
201
162
207
ART_31200722-3-6C

FIGURE 3-6. FIXED PLATFORM INSTALLATION, 1.8M (4014PS,4017PS)

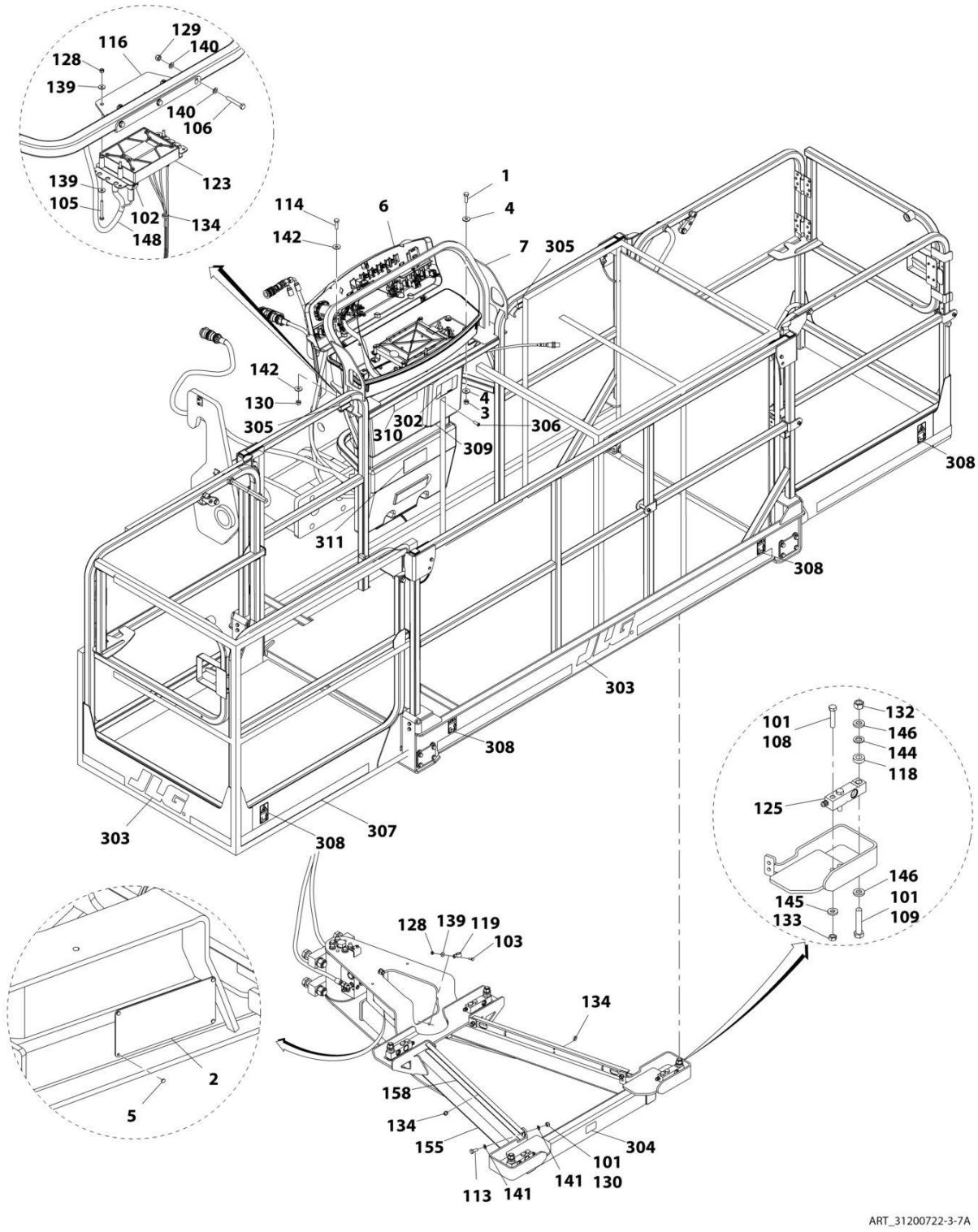
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156461	Ref	FIXED PLATFORM INSTALLATION, 1.8m (CE, if equipped) (not available to order, see items 1 thru 8 for service) (4014PS,4017PS)	C
	1001159690	Ref	FIXED PLATFORM INSTALLATION, 1.8m (AUS, if equipped) (not available to order, see items 1 thru 7 for service) (4014PS,4017PS)	B
	1001177926	Ref	FIXED PLATFORM INSTALLATION, 1.8m (CIS, (if equipped) (not available to order, see items 1 thru 7 for service) (4014PS,4017PS)	B
1	0761015	2	HEX HD CAPSCREW, M10X35, GR8.8	
2	N.S.S.	1	NAME PLATE	
3	3291005	2	HEX LOCKNUT, M10X1-1/2	
4	4812002	4	WASHER, 10mm	
5	N.S.S.	4	METAL FASTENER (CE & AUS) (4014PS,4017PS)	
5	N.S.S.	2	METAL FASTENER (CIS) (4014PS,4017PS)	
6		Ref	CONSOLE ASSY, (See CONSOLE BOX ASSEMBLY for Breakdown)	
7	1001174441	1	FIXED PLATFORM INSTALLATION (CE) (not available to order, see items 101 thru 167 for service) (4014PS,4017PS) **(Prior to SN 1160008295)**	C
7	1001214157	1	FIXED PLATFORM INSTALLATION (CE) (not available to order, see items 101 thru 167 for service) (4014PS,4017PS) **(SN 1160008295 to Present)**	C
7	1001174441	1	FIXED PLATFORM INSTALLATION (CIS & AUS) (not available to order, see items 101 thru 167 for service)	C
8	1001214825	1	RAIL CROSS BAR INSTALLATION (not available to order, see items 501 thru 507 for service)	B
101	0100011	AR	LOCTITE 242	
102	0100048	AR	DIELECTRIC GREASE	
103	0641606	4	HEX HD CAPSCREW, 3/8-16X3/4	
104	0700610	1	HEX HD CAPSCREW, M6X20, GR8.8	
105	0700615	6	HEX HD CAPSCREW, M6X35, GR8.8	
106	0700619	3	HEX HD CAPSCREW, M6X55, GR8.8	
108	0711214	8	HEX HD CAPSCREW, M12X30, GR10.9	
109	0711624	4	HEX HD CAPSCREW, M16X80, GR10.9	
110	0760608	2	HEX HD CAPSCREW, M6X16, GR8.8	
111	0760820	1	HEX HD CAPSCREW, M8X60, GR8.8	
112	0761012	2	HEX HD CAPSCREW, M10X25, GR8.8	
113	0761015	2	HEX HD CAPSCREW, M10X35, GR8.8	
115	0902919	2	LH LOAD SENSE GUARD BRACKET	
116	0902920	2	RH LOAD SENSE GUARD BRACKET	
117	0962450	4	SPACER BUSHING	
118	1320224	1	CABLE CLAMP	
119	1320301	1	CABLE CLAMP	
120	1321141	3	CLAMP	
121	1321675	3	CLAMP TOP PLATE	
122	1600387	1	LOAD SENSE CONTROLLER	
123	2143511	2	CONNECTOR	
124	2420202	4	LOAD SENSE GAUGE	
125	3020039	AR	LOCTITE MOLY PASTE	
126	3290605	6	HEX LOCKNUT, M6X1	
128	3291005	4	HEX LOCKNUT, M10X1-1/2	
129	3291607	4	HEX LOCKNUT, M16X2	
130	3331211	8	HEX NUT, M12X1-3/4	
131	4061054	2	LOAD SENSE STRAIN RELIEF SHIELD	

SECTION 3 - ATTACHMENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
132	4240033	17	WIRE TIE	
133	4460468	2	TERMINAL	
134	4460470	1	NUT	
135	4460471	1	LOCK WASHER	
136	4712400	2	WASHER, 7/8	
137	4811702	11	WASHER, 6mm	
139	4812000	4	WASHER, 10mm	
140	4812002	8	WASHER, 10mm	
141	4812300	AR	WASHER, 16mm	
142	4891800	16	WASHER, 1/2	
143	4892000	8	WASHER, 5/8	
144	4892600	10	WASHER, 1 IN	
145		Ref	CAN-BUS HARNESS, (See ELECTRICAL SECTION for Breakdown)	
146	8769123	1	COVER PLATE	
147	8769140	2	CLAMP SET	
148		Ref	PLATFORM CONSOLE HARNESS, (See ELECTRICAL SECTION for Breakdown)	
149	1001093826	1	DUST CAP	
150	1001093827	1	DUST PLUG	
151	1001094555	2	FEMALE QUICK DISCONNECT COUPLING	
152	1001094556	2	MALE QUICK DISCONNECT COUPLING	
153	1001095136	4	HEX HD CAPSCREW, M24X110, GR10.9	
154		Ref	ACTUATOR, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
155	1001097481	1	HEX HD CAPSCREW, M24X310, GR8.8	
156	1001097734	1	PLATFORM SUPPORT	
157	1001098827	5	HEX LOCKNUT, M24, GR 10	
158	1001098828	8	HEX HD CAPSCREW, M12X70, GR10.9	
159	1001099751	2	CONNECTOR, 90	
160	1001099866	2	LOAD SENSE WIRE CHANNEL	
161	1001105735	1	MOUNT PANEL DECAL	
162	1001218033	NLA	PLATFORM ASSY (CE) (no longer available, use 1001198245 for replacement or items 201 to 207 for service) (4014PS,4017PS) **(Prior to SN 1160008295)**	A
162	1001198245	Ref	PLATFORM ASSY (CE) (includes items 201 thru 207) (4014PS,4017PS) **(SN 1160008295 to Present)**	C
162	1001218033	Ref	PLATFORM ASSY (CIS & AUS) (includes items 201 thru 207) (4014PS,4017PS)	A
163	1001155930	1	BRACKET	
164	1001156403	2	HOSE ASSEMBLY	
165	1001157627	Ref	PLATE SENSOR INSTALLATION, (not shown), (includes items 301 thru 304)	A
166	1001161073	Ref	DECALS INSTALLATION (CE) (not shown), (not available to order, see items 401 thru 411 for service) (4014PS,4017PS) **(Prior to SN 1160008295)**	A
166	1001219433	Ref	DECALS INSTALLATION (CE) (not shown), (not available to order, see items 401 thru 411 for service) (4014PS,4017PS) **(SN 1160008295 to Present)**	A
166	1001161073	Ref	DECALS INSTALLATION (CIS & AUS) (not shown), (not available to order, see items 401 thru 411 for service) (4014PS,4017PS)	A
167	1001113483	1	MOUNTING BRACKET	
201	2080040	16	FASTENER	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
202	2600281	2	HINGE	
203	2940074	1	LATCH	
204	3820020	4	RIVET	
205	1001144629	1	GATE WELDMENT CE) (4014PS,4017PS) **(Prior to SN 1160008295)**	
205	1001198965	1	GATE WELDMENT (CE) (4014PS,4017PS) **(SN 1160008295 to Present)**	
205	1001144629	1	GATE WELDMENT (CIS & AUS) (4014PS,4017PS)	
206	1001145781	5	PLUG	
207	1001218034	1	PLATFORM WELDMENT (CE) (4014PS,4017PS) **(Prior to SN 1160008295)**	
207	1001198247	1	PLATFORM WELDMENT (CE) (4014PS,4017PS) **(SN 1160008295 to Present)**	
207	1001218034	1	PLATFORM WELDMENT (CIS & AUS) (4014PS,4017PS)	
301	0760810	2	HEX HD CAPSCREW, M8X20, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
302	4811900	2	WASHER, 8mm	
303	1001096059	1	PLATFORM ADAPTER	
304	1001156853	1	SENSOR PLATE	
401	1701518	2	CRUSHING DECAL	
402	1701640	1	MANUAL DECAL	
403	1702773	3	JLG DECAL	
404	1704016	1	FORK LIFT DECAL	
405	1704277	3	LANYARD ATTACH GRAPHIC DECAL	
406	3820032	4	RIVET	
407	4420051	1.8 m	SAFETY TAPE	
408	8006612	2	WARNING DECAL	
409	8990147	1	MANUAL HOLDER	
410	1001099562	1	CAPACITY WARNING DECAL	
411	1001161009	1	OUTRIGGER LOAD DECAL	
501	1001095650	AR	LOCTITE 243	
502	0700618	2	HEX HD CAPSCREW, 6X50	
503	3290605	2	NUT, M6	
504	3520182	2	PLUG	
505	4811700	2	WASHER, M6	
506	4811702	4	WASHER, M6	
507	1001191708J	1	TUBE	

FIGURE 3-7. EXTENDABLE PLATFORM INSTALLATION, 4.5M (4014PS,4017PS)



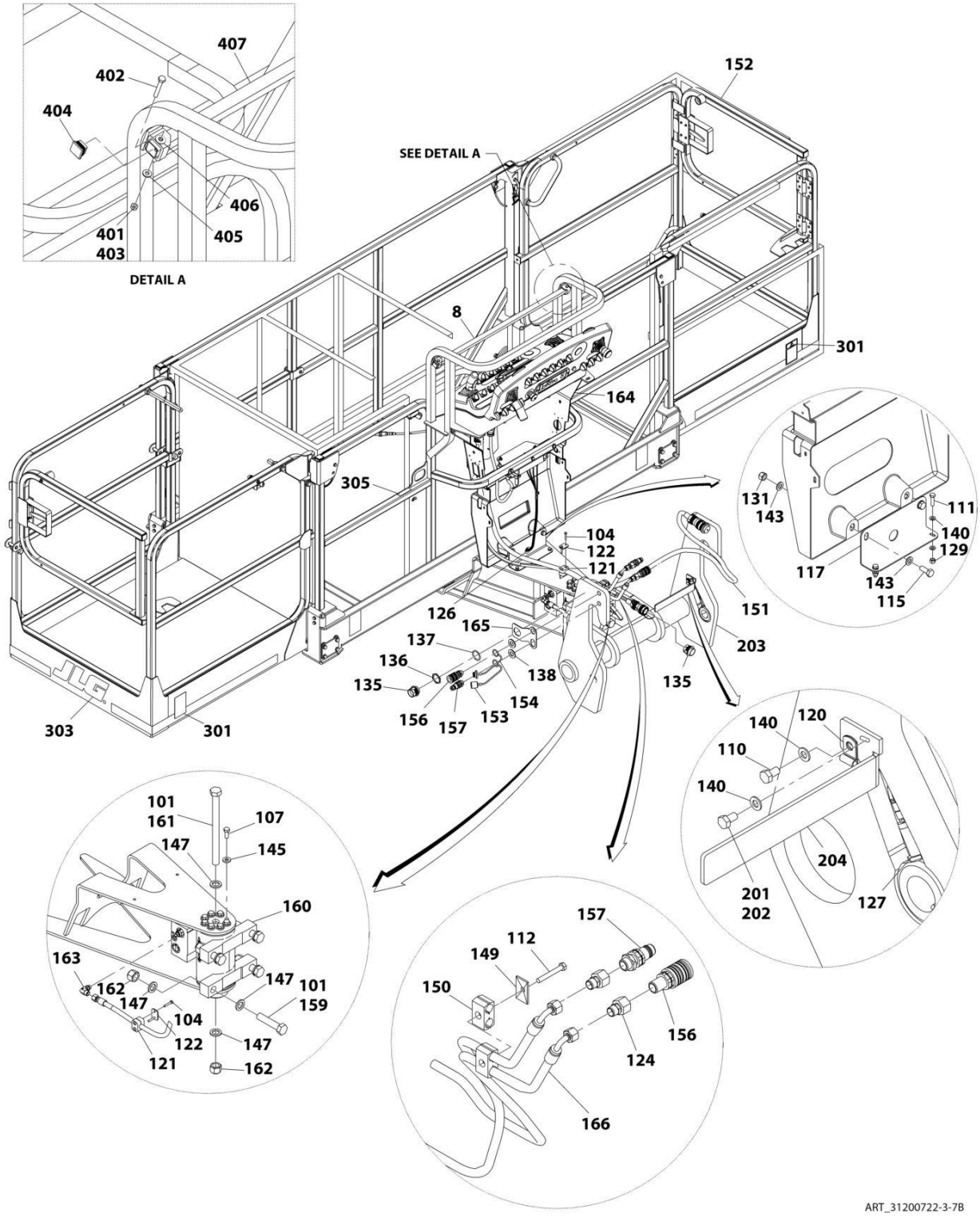

407
402
404
406
401
403
405
DETAIL A
SEE DETAIL A
152
8
301
164
305
104
122
121
126
165
137
136
135
138
154
156
157
153
303
301
151
203
135
131
143
111
140
129
117
143
115
101
161
107
147
145
160
163
162
147
147
101
159
104
122
147
121
162
140
120
110
140
204
201
202
127
157
112
149
150
156
124
166
ART_31200722-3-7B

FIGURE 3-7. EXTENDABLE PLATFORM INSTALLATION, 4.5M (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156462	Ref	EXTENDABLE PLATFORM INSTALLATION, 4.5m (CE, if equipped with platform) (not available to order, see items 1 thru 8 for service) (4014PS,4017PS)	B
	1001159691	Ref	EXTENDABLE PLATFORM INSTALLATION, 4.5m (AUS, if equipped with platform) (not available to order, see items 1 thru 7 for service) (4014PS,4017PS)	A
	1001177927	Ref	EXTENDABLE PLATFORM INSTALLATION, 4.5m (CIS, if equipped with platform) (not available to order, see items 1 thru 7 for service) (4014PS,4017PS)	B
	1001203520	Ref	EXTENDABLE PLATFORM INSTALLATION, 4.5m (CIS, if equipped with platform) (not available to order, see items 1 thru 7 for service) (4014PS,4017PS)	A
1	0761015	2	HEX HD CAPSCREW, M10X35, GR8.8	
2	N.S.S.	1	NAME PLATE	
3	3291005	2	HEX LOCKNUT, M10X1-1/2	
4	4812002	4	WASHER, 10mm	
5	N.S.S.	4	METAL FASTENER (CE & AUS) (4014PS,4017PS)	
5	N.S.S.	2	METAL FASTENER (CIS) (4014PS,4017PS)	
6		Ref	CONSOLE ASSY, (See CONSOLE BOX ASSEMBLY for Breakdown)	
7	1001156354	Ref	EXTENDABLE PLATFORM INSTALLATION (CE, if equipped) (not available to order, see items 101 thru 168) (4014PS,4017PS) **(Prior to SN 1160008295)**	C
7	1001214158	Ref	EXTENDABLE PLATFORM INSTALLATION (CE, if equipped) (not available to order, see items 101 thru 168) (4017PS,4017PS) **(SN 1160008295 to Present)**	B
7	1001156354	Ref	EXTENDABLE PLATFORM INSTALLATION (AUS & CIS, if equipped) (not available to order, see items 101 thru 168) (4014PS,4017PS)	C
8	1001214825	1	RAIL CROSS BAR INSTALLATION, (not available to order, see items 401 thru 407 for service)	A
101	0100011	AR	LOCTITE 242	
102	0100048	AR	DIELECTRIC GREASE	
103	0700610	1	HEX HD CAPSCREW, M6X20, GR8.8	
104	0700615	6	HEX HD CAPSCREW, M6X35, GR8.8	
105	0700619	3	HEX HD CAPSCREW, M6X55, GR8.8	
106	0700819	3	HEX HD CAPSCREW, M8X55, GR8.8	
107	0711214	8	HEX HD CAPSCREW, M12X30, GR10.9	
108	0711220	8	HEX HD CAPSCREW, M12X60, GR10.9	
109	0711624	4	HEX HD CAPSCREW, M16X80, GR10.9	
110	0760807	1	HEX HD CAPSCREW, M8X14, GR 8.8	
111	0760814	2	HEX HD CAPSCREW, M8X30, GR8.8	
112	0760820	1	HEX HD CAPSCREW, M8X60, GR8.8	
113	0761012	4	HEX HD CAPSCREW, M10X25, GR8.8	
114	0761015	2	HEX HD CAPSCREW, M10X35, GR8.8	
115	0761214	2	HEX HD CAPSCREW, M12X30, GR8.8	
116	0902894	1	MOUNTING BRACKET	
117	0903412	1	MOUNTING BRACKET	
118	0962450	4	SPACER BUSHING	
119	1320224	1	CABLE CLAMP	
120	1320301	1	CABLE CLAMP	
121	1321141	3	CLAMP	
122	1321675	3	CLAMP TOP PLATE	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
123	1600387	1	LOAD SENSE CONTROLLER	
124	2143511	2	CONNECTOR	
125	2420202	4	SHEAR BEAM STRAIN GUAGE	
126	2540049	1	GROMMET	
127	3020039	AR	LOCTITE MOLY PASTE	
128	3290605	4	HEX LOCKNUT, M6X1	
129	3290805	5	HEX LOCKNUT, M8X1-1/4	
130	3291005	6	HEX LOCKNUT, M10X1-1/2	
131	3291205	2	HEX LOCKNUT, M12X1-3/4	
132	3291607	4	HEX LOCKNUT, M16X2	
133	3331211	8	HEX NUT, M12X1-3/4	
134	4240033	17	WIRE TIE	
135	4460468	2	TERMINAL	
136	4460470	1	NUT	
137	4460471	1	LOCKWASHER	
138	4712400	2	WASHER, 7/8	
139	4811702	7	WASHER, 6mm	
140	4811900	11	WAHSER, 8mm	
141	4812000	8	WASHER, 10mm	
142	4812002	4	WASHER, 10mm	
143	4812100	4	WASHER, 12mm	
144	4812300	AR	WASHER, 16mm	
145	4891800	16	WASHER, 1/2	
146	4892000	8	WASHER, 5/8	
147	4892600	10	WASHER, 1 IN	
148		Ref	CAN-BUS HARNESS, (See ELECTRICAL SECTION for Breakdown)	
149	8769123	1	COVER PLATE	
150	8769140	2	CLAMP SET	
151		Ref	CAN-BUS HARNESS, (See ELECTRICAL SECTION for Breakdown)	
152		Ref	EXTENDABLE PLATFORM ASSY, (See EXTENDABLE PLATFORM ASSEMBLY for Breakdown)	C
153	1001093826	1	DUST CAP	
154	1001093827	1	DUST PLUG	
155	1001094198	1	PLATFORM SUPPORT	
156	1001094555	2	FEMALE QUICK DISCONNECT COUPLING	
157	1001094556	2	MALE QUICK DISCONNECT COUPLING	
158	1001094577	2	LOAD SENSE WIRE CHANNEL	
159	1001095136	4	HEX HD CAPSCREW, M24X110, GR10.9	
160		Ref	ACTUATOR, (See HYDRAULIC COMPONENT SECTION for Breakdown)	
161	1001097481	1	HEX HD CAPSCREW, M24X310, GR8.8	
162	1001098827	5	HEX LOCKNUT, M24, GR10	
163	1001099751	2	CONNECTOR, 90	
164	1001105735	1	MOUNT PANEL DECAL	
165	1001155930	1	BRACKET	
166	1001156403	2	HOSE ASSEMBLY	
167	1001157627	Ref	PLATE SENSOR INSTALLATION, (not shown), (includes items 201 thru 204)	A
168	1001161072	Ref	DECALS INSTALLATION (CE, if equipped), (not shown) (not available to order, see items 301 thru 311 for service) (4014PS,4017PS) **(Prior to SN 1160008295)**	B

SECTION 3 - ATTACHMENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
168	1001219434	Ref	DECALS INSTALLATION (CE, if equipped) (not shown), (not available to order, see items 301 thru 311 for service) (4014PS,4017PS) **(SN 1160008295 to Present)**	A
168	1001161072	Ref	DECALS INSTALLATION (CIS & AUS) (not shown), (not available to order, see items 301 thru 311 for service) (4014PS,4017PS)	B
201	0760810	2	HEX HD CAPSCREW, M8X20, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
202	4811900	2	WASHER, 8mm	
203	1001096059	1	PLATFORM ADAPTER	
204	1001156853	1	SENSOR PLATE	
301	1705158	4	CRUSHING DECAL	
302	1701640	1	MANUAL DECAL	
303	1702773	3	JLG DECAL	
304	1704016	1	FORK LIFT DECAL	
305	1704277	3	LANYARD ATTACH GRAPHIC DECAL	
306	3820032	4	RIVET	
307	4420051	6.2 m	SAFETY TAPE	
308	8006612	4	STAY CLEAR WARNING DECAL	
309	8990147	1	MANUAL HOLDER	
310	1001099563	1	CAPACITY WARNING DECAL	
311	1001161009	1	OUTRIGGER LOAD DECAL	
401	1001095650	AR	LOCTITE 243	
402	0641414	2	HEX HD CAPSCREW, 1/4-20X1-3/4, GR5	
403	3300430	2	NUT, ACRON	
404	3520182	2	PLUG	
405	4711400	2	WASHER, 1/4	
406	4751400	4	WASHER, 1/4	
407	1001191708J	1	TUBE	

FIGURE 3-8. EXTENDABLE PLATFORM INSTALLATION, 4.5M (4014PS,4017PS)

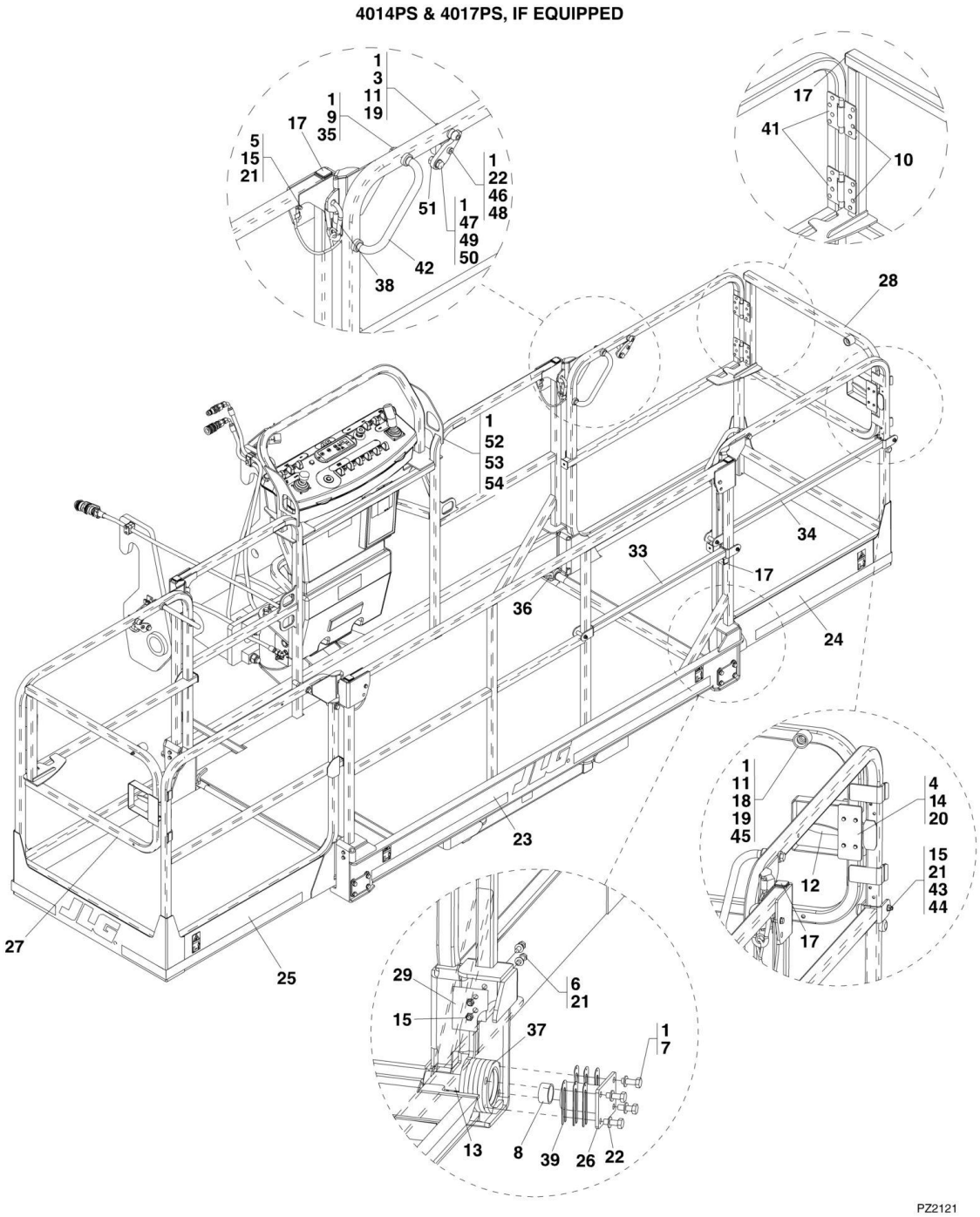


FIGURE 3-8. EXTENDABLE PLATFORM INSTALLATION, 4.5M (4014PS,4017PS)

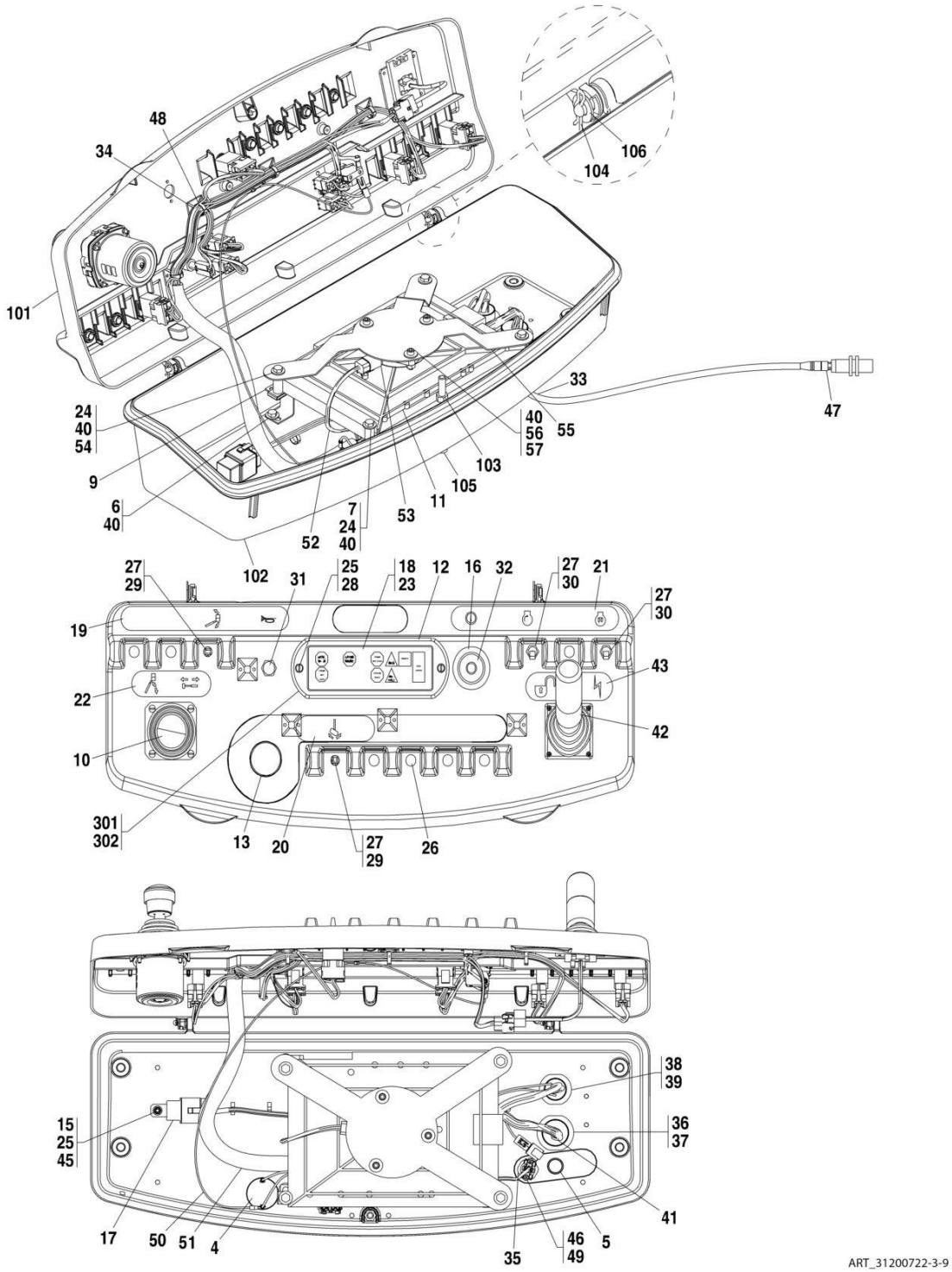
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001093278	1	EXTENDABLE PLATFORM ASSY (CE and AUS) (includes all items) **(Prior to SN 1160008295)**	D
	1001188418	1	EXTENDABLE PLATFORM ASSY (CE and AUS) (includes all items) **(SN 1160008295 to Present)**	C
1	0100011	AR	LOCTITE 242	
3	0700620	2	HEX HD CAPSCREW, M6X60, GR8.8	
4	0760508	8	HEX HD CAPSCREW, M5X16, GR8.8	
5	0760812	4	HEX HD CAPSCREW, M8X25, GR8.8	
6	0760814	8	HEX HD CAPSCREW, M8X30, GR8.8	
7	0761014	16	HEX HD CAPSCREW, M10X30, GR8.8 **(Prior to SN 1160008295)**	
7	0761015	16	HEX HD CAPSCREW, M10X35, GR8.8 **(SN 1160008295 to Present)**	
8	0962257	4	BUSHING	
9	0701219	8	HEX HD CAPSCREW, M12X55, GR8.8	
10	2080040	32	FASTENER	
11	3290606	4	HEX NUT, M6X1	
12	2940074	2	LATCH	
13	3020039	AR	LOCTITE MOLY PASTE #51049	
14	3290505	8	HEX LOCKNUT, M5X0.8	
15	3290805	16	HEX LOCKNUT, M8X1-1/4	
17	3520072	10	CAP PLUG	
18	4010617	2	PAN HD SCREW, M6X45mm	
19	4811702	4	WASHER, 6mm	
20	4811600	8	WASHER, 5mm	
21	4811900	24	WASHER, 8mm	
22	4812000	18	WASHER, 10mm	
23	1001093267	1	PLATFORM WELDMENT **(Prior to SN 1160008295)**	
23	1001188419	1	PLATFORM WELDMENT **(SN 1160008295 to Present)**	
24	1001093328	1	RIGHT RAIL WELDMENT **(Prior to SN 1160008295)**	
24	1001192515	1	RIGHT RAIL WELDMENT **(SN 1160008295 to Present)**	
25	1001093329	1	LEFT RAIL WELDMENT **(Prior to SN 1160008295)**	
25	1001192516	1	LEFT RAIL WELDMENT **(SN 1160008295 to Present)**	
26	1001093774	4	HINGE WELDMENT **(Prior to SN 1160008295)**	
26	1001188529	4	HINGE WELDMENT **(SN 1160008295 to Present)**	
27	1001093819	1	LEFT GATE EXT WELDMENT	
28	1001093820	1	RIGHT GATE EXT WELDMENT	
29	1001093948	8	SHIM	
33	1001094450	1	GATE RAIL WELDMENT	
34	1001094451	1	GATE RAIL WELDMENT	
35	4891800	8	WASHER, 1/2	
36	1001094853	2	LEFT TORSION SPRING	
37	1001094854	2	RIGHT TORSION SPRING	
38	1001094867	4	LATCH HOOK	
39	1001096209	24	SHIM	
41	2600281	4	SELF-CLOSING HINGE	
42	1001099540	4	HANDLE EXTENSION	
43	1001099641	4	GATE ROLLER	
44	1001099685	4	BUTTON HD CAPSCREW, M8X70	
45	1001099577	2	GATE HOLDER	
46	0630585	2	SHOULDER BOLT, (METRIC)	

SECTION 3 - ATTACHMENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	0761214	2	HEX HD CAPSCREW, M12X30, GR8.8	
48	3290801	2	HEX NUT, M8X1-1/4	
49	3291201	2	HEX NUT, M12X1-3/4	
50	4812100	4	WASHER, 12mm	
51	1001101121	2	LATCH	
52	0761010	4	HEX HD CAPSCREW, M10X20, GR8.8	
53	4891600	4	WASHER, 3/8	
54	1001103217	2	STOP GUIDE	

FIGURE 3-9. CONSOLE BOX ASSEMBLY (4017PS,4017PS)

4014PS & 4017PS, IF EQUIPPED



ART_31200722-3-9

FIGURE 3-9. CONSOLE BOX ASSEMBLY (4017PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001096359	1	CONSOLE BOX ASSY (if equipped) (includes items 1 thru 51)	M
	1001177888	1	CONSOLE BOX ASSY (if equipped) (MIDDLE EAST and AFRICA) (includes items 1 thru 57)	A
1	0100009	AR	SEALANT, (not shown)	
2	0100048	AR	DIELECTRIC GREASE, (not shown)	
3	0100081	AR	LOCTITE 454, (not shown)	
4	0140011	1	ALARM	
5	3520030	1	PLUG	
6	0641404	4	HEX HD CAPSCREW, 1/4-20X1/2, GR5	
7	0641414	1	HEX HD CAPSCREW, 1/4-20X1-3/4, GR5	
8	1001096358	1	CONSOLE BOX ASSY, (includes items 101 thru 106), (not shown)	B
9	0902751	4	BRACKET	
10	1001118417	1	CONTROLLER ASSY, (See See Separate Breakdown in this SECTION)	
11	1001097076	1	PLATFORM MODULE	H
12	1671176	1	LIGHT COVER, (includes items 301 & 302)	A
13	1001112646	1	COVER	
15	0721006	1	INDENTED HEX HD CAPSCREW	
16	1704260	1	EMS DECAL	
17	3740080	1	RELAY	
18	1001117889	1	PLATFORM DISPLAY DECAL	
19	1706885	1	HORN DECAL	
20	1706886	1	ROTATE DECAL	
21	1706887	1	STOP DECAL	
22	1706888	1	LIFT/TELESCOPE DECAL	
23	2920154	1	LED PANEL GAUGE	
24	3300353	4	NUT	
25	3300408	3	NYLON LOCKNUT	
26	3520054	7	PLUG	
27	3790012	3	O-RING	
28	3911018	2	SCREW, 10-24X1-1/8	
29	4360328	2	TOGGLE SWITCH	
30	4360330	2	TOGGLE SWITCH	
31	4360387	1	BUTTON SWITCH	
32	4360475	1	EMERGENCY STOP SWITCH	
33	2820018	0.08 m	HEAT SHRINK TUBING	
34	4460234	4	CABLE TIE	
35	4460428	1	STRAIN RELIEF CONNECTOR	
36	4460470	1	NUT	
37	4460471	1	LOCKWASHER	
38	4460496	1	LOCKWASHER	
39	4460497	1	NUT	
40	4751400	11	WASHER, 1/4	
41		Ref	CONSOLE HARNESS, (See ELECTRICAL SECTION for Breakdown)	
42	1001096361	1	JOYSTICK CONTROLLER	
43	1001096629	1	ENABLE DECAL	
45	4751000	5	WASHER	
46	4460761	1	TERMINAL	
47	1001100711	1	PROXIMITY SWITCH	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	4240033	AR	WIRE TIE	
49	4460227	3	PIN	
50	1001115140	1	WIRE PLATFORM DIODE	
51	1001118007	1	WIRE PLATFORM BOOM LIMIT	
52		Ref	TEMPERATURE SENSOR HARNESS, (See ELECTRICAL SECTION for Breakdown)	
53	1001163095	1	SENSOR	
54	0641415	3	HEX HD CAP SCREW, 1/4-20 X 1 7/8 LG	
55	1001175541	1	BRACKET	
56	3311405	3	NUT, 1/4-20	
57	3931416	3	CAP SCREW, 1/4-20 X 1	
101	1001096357	1	CONSOLE TOP CASTING	
102	1220096	1	CONSOLE BOTTOM CASTING	
103	3311601	1	HEX NUT, 3/8-16, GR2	
104	3470003	2	COTTER PIN	
105	0630568	1	SQ HD CAPSCEW, 3/8-16X4-1/2	
106	4711500	2	WASHER, 5/16	
301	1670829	1	HOUSING	
302	3960601	1	SEAL	

FIGURE 3-10. CONTROLLER ASSEMBLY (LIFT AND SWING)

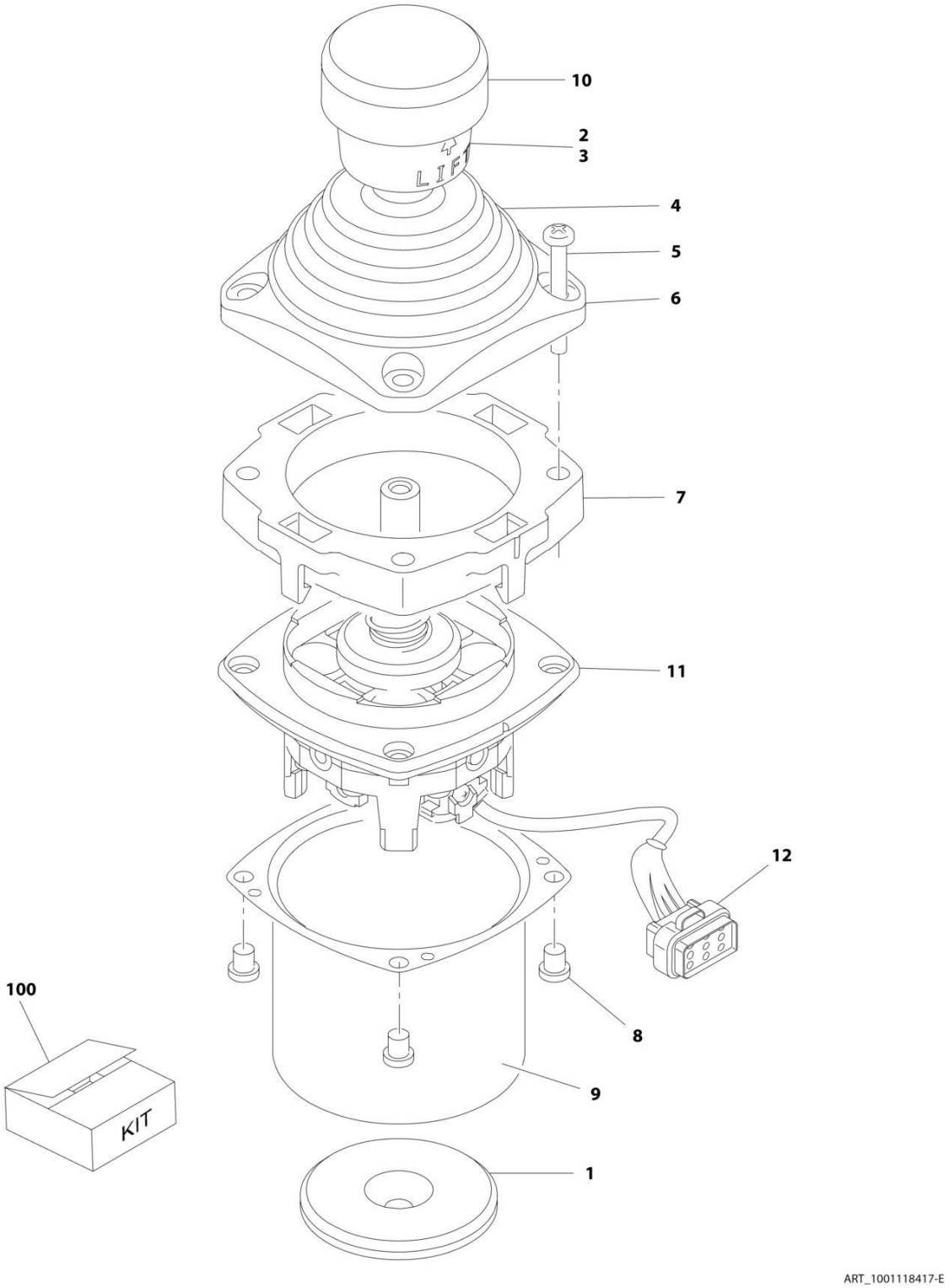


FIGURE 3-10. CONTROLLER ASSEMBLY (LIFT AND SWING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001118417	Ref	CONTROLLER ASSEMBLY (LIFT AND SWING)	E
1	70002730	1	GASKET	
2	7003928	1	SPRING	
3	7022808	1	CAP, LIFT	
4	70002731	1	BOOT	
5	70002732	4	SCREW	
6	7022815	1	BEZEL	
7	70002733	1	ADAPTER	
8	70002734	4	SCREW	
9	70002735	1	CAN, ENCLOSURE	
10	70002906	1	CAP	
11	NSS	1	MECHANICAL ASSEMBLY (see 1001129555 for replacement)	
12	7022819	1	CONNECTOR - 9 POSITION	
12	4460871	6	SOCKET, FEMALE	
100	1001129555	1	JOYSTICK REPLACEMENT SERVICE KIT	
	1001166539	1	CONTROLLER, LIFT/SWING	
	3128764	1	INSTRUCTIONS, JOYSTICK REPLACEMENT	

FIGURE 3-11. FORK MOUNTED HOOK

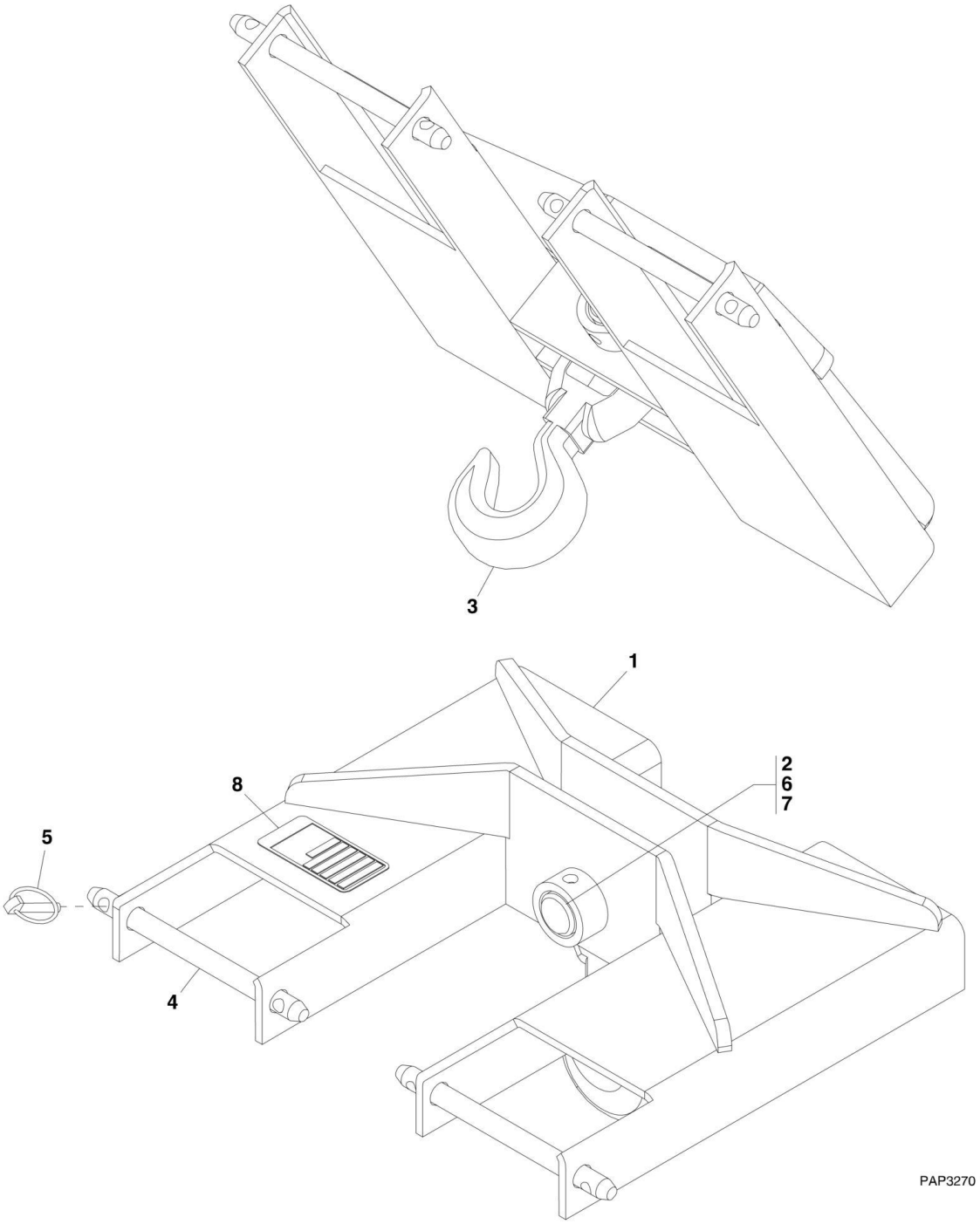


FIGURE 3-11. FORK MOUNTED HOOK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2700118	1	FORK MOUNTED HOOK (includes items 1 thru 8) (3706PS,3707PS,4014PS,4017PS)	C
1	N.S.S.	1	WELDMENT	
2	70020201	1	PIN	
3	70020202	1	HOOK	
4	70020203	2	PIN	
5	70020204	4	RETAINING PIN	
6	70020205	1	BOLT	
7	70020206	1	SELF-LOCKING NUT	
8	N.S.S.	1	SN PLATE	

FIGURE 3-12. CRANE HOOK

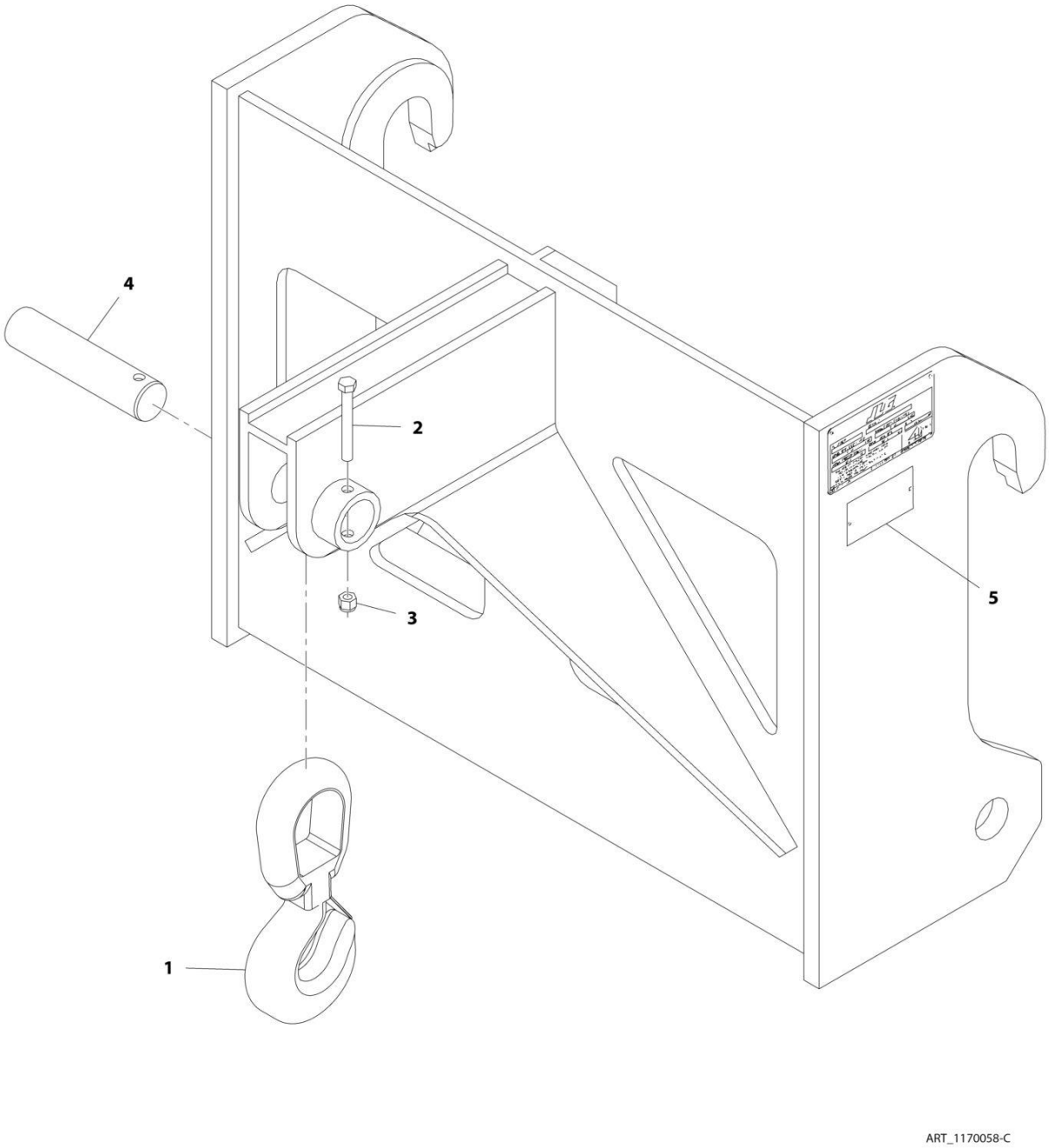


FIGURE 3-12. CRANE HOOK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170058	1	CRANE HOOK (includes all items) (3706PS,3706PS,4014PS,4017PS)	C
1	70020417	1	HOOK	
2	70020205	1	BOLT	
3	70020206	1	NUT	
4	70020201	1	PIN	
5	N.S.S	1	SN PLATE	

FIGURE 3-13. BUCKETS

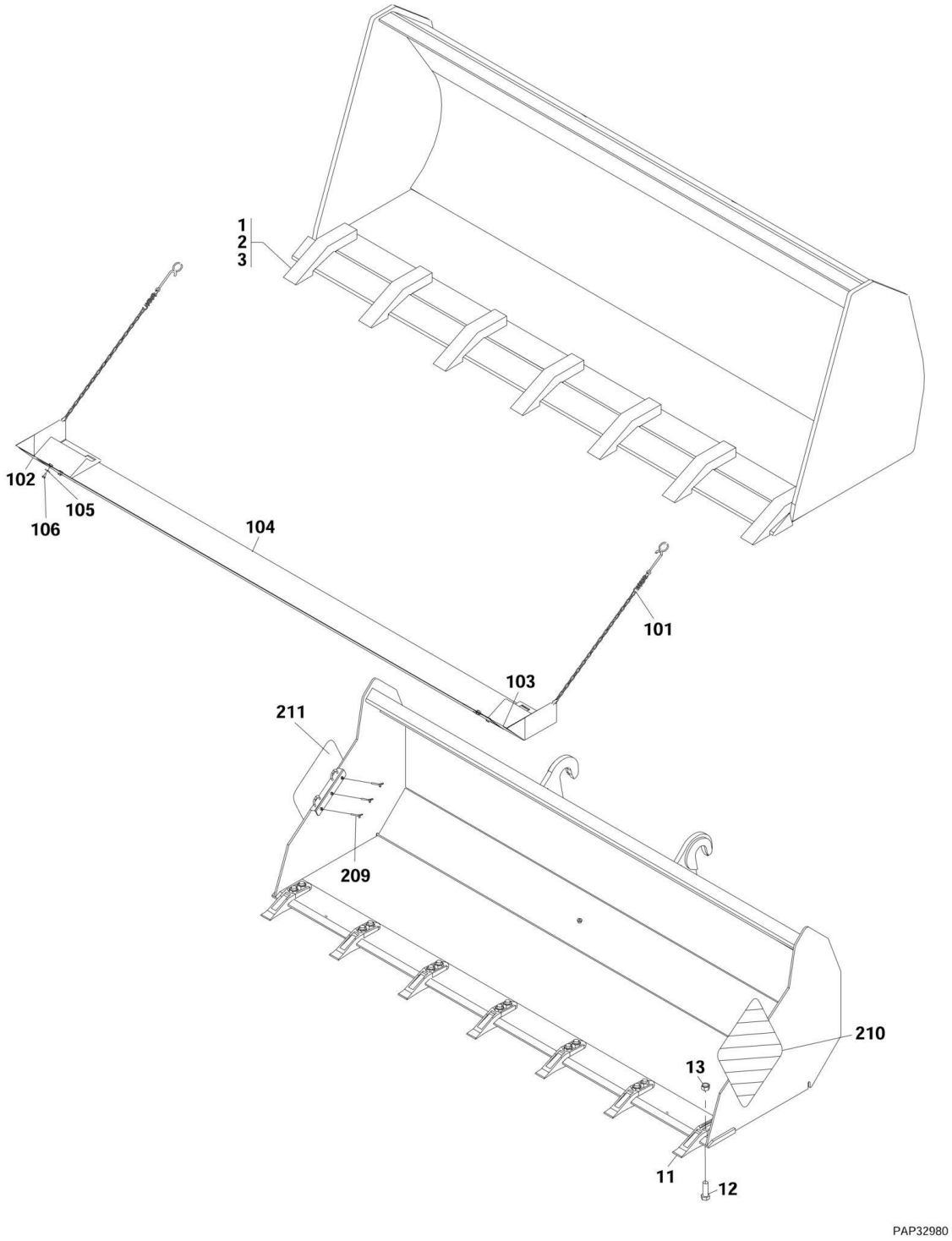


FIGURE 3-13. BUCKETS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4805670	1	0.8m³ DIG BUCKET, W/TEETH (3706PS,3707PS,4014PS,4017PS)	B
	4802100	1	1.0m³ DIG BUCKET, W/TEETH (includes items 1 thru 3) (3706PS,3707PS,4014PS,4017PS)	B
1	7028092	7	TOOTH	
2	7028093	7	SECURING PIN	
3	7028094	7	TOOTH MOUNT	
3	8008424	1	TOOTH PROTECTION FOR 1.0m³	
	0930015	1	0.9m³ DIG BUCKET	C
	70020392	1	BLADE KIT, (includes qty. 7 each of items 12 & 13)	
	0930016	1	1.8m³ DIG BUCKET	C
	70020392	1	BLADE KIT, (includes qty. 7 each of items 12 & 13)	
	1001094612	1	BUCKET TEETH KIT, (if equipped) (includes items 11 thru 13), (requires bucket 0930015 or bucket 0930016) (3706PS,3707PS,4014PS,4017PS)	A
11	1001094611	7	BUCKET TEETH	
12	1001094615	14	HEX HD CAPSCREW, M20X72	
13	1001094616	14	HEX NUT, M20X2-1/2	
101	1001003064	2	RETAINER ASSY	
102	1001004617	1	PLATE	
103	1001004618	1	PLATE	
104	1001004619	1	PLATE	
105	1001008665	4	WASHER	
106	1001009105	4	BOLT, M6X1	
209	1001139884	6	WING BOLT, M8, (Italy - if equipped) **(Prior to SN 1160008047)**	
210	1001162771	2	SAFETY FILM, (Italy - if equipped) **(Prior to SN 1160008047)**	
211	1001163625	2	BRACKET, (Italy - if equipped) **(Prior to SN 1160008047)**	

FIGURE 3-14. MANURE BUCKET

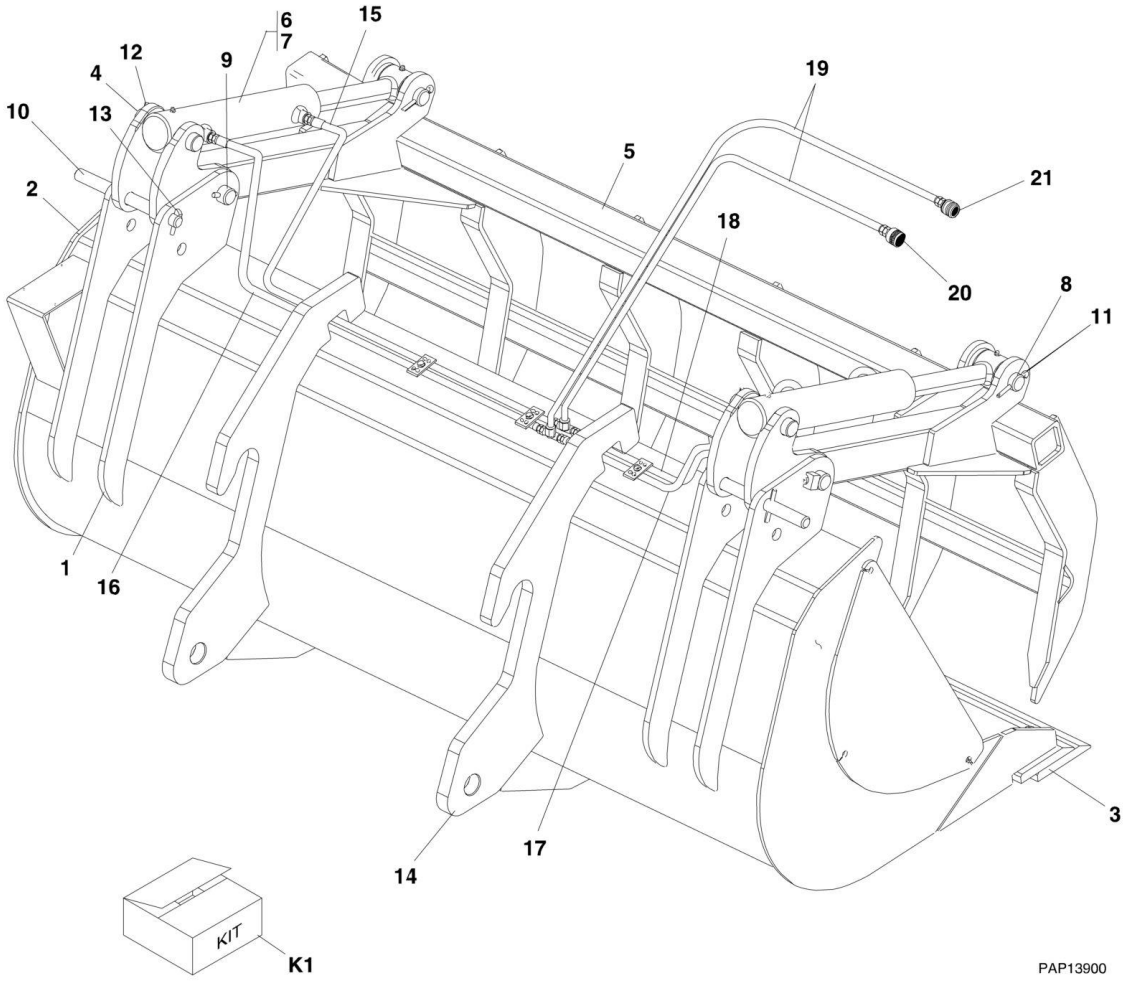


FIGURE 3-14. MANURE BUCKET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930004	1	1.0m³ MANURE BUCKET (includes all items) (3706PS,3707PS,4014PS,4017PS)	E
1	N.S.S.	1	BUCKET ASSY	
2	7028133	1	SIDE PLATE ASSY	
3	7028132	1	BLADE ASSY, (includes blade and the following hardware)	
3	7029356	8	HEX LOCKNUT, M16-8	
3	70023484	8	BOLT, M16X60, GR10.9	
4	7028126	2	ADJUSTING BRACKET	
5	7028125	1	GRAPPLE	
6	7028127	2	TILT CYLINDER	
6	7028910	AR	CYLINDER SEAL KIT	
7	7028131	6	BUSHING	
8	7028128	2	PIN	
9	7028129	2	LOCKING PIN	
10	7028130	2	PIN	
11	7028135	4	ROLL PIN	
12	7028134	8	ROLL PIN	
13	7028124	2	CIRCLIP	
14	7029749	1	CONNECTING ASSY	
15	7028986	1	HOSE ASSY	
16	7028987	1	HOSE ASSY	
17	7028988	1	HOSE ASSY	
18	7028989	1	HOSE ASSY	
19	7028984	2	HOSE ASSY	
20		Ref	FEMALE SCREW COUPLER, (no longer available, order 1001097287 kit)	
20	1001094555	1	FEMALE QUICK DISCONNECT COUPLING	
21		Ref	MALE SCREW COUPLER, (no longer available, order 1001097287 kit)	
21	1001094556	1	MALE QUICK DISCONNECT COUPLING	
K1	1001097287	1	QUICK DISCONNECT COUPLING KIT, (includes items 20, 21, dust cap and dust plug)	

FIGURE 3-15. CONCRETE BUCKET

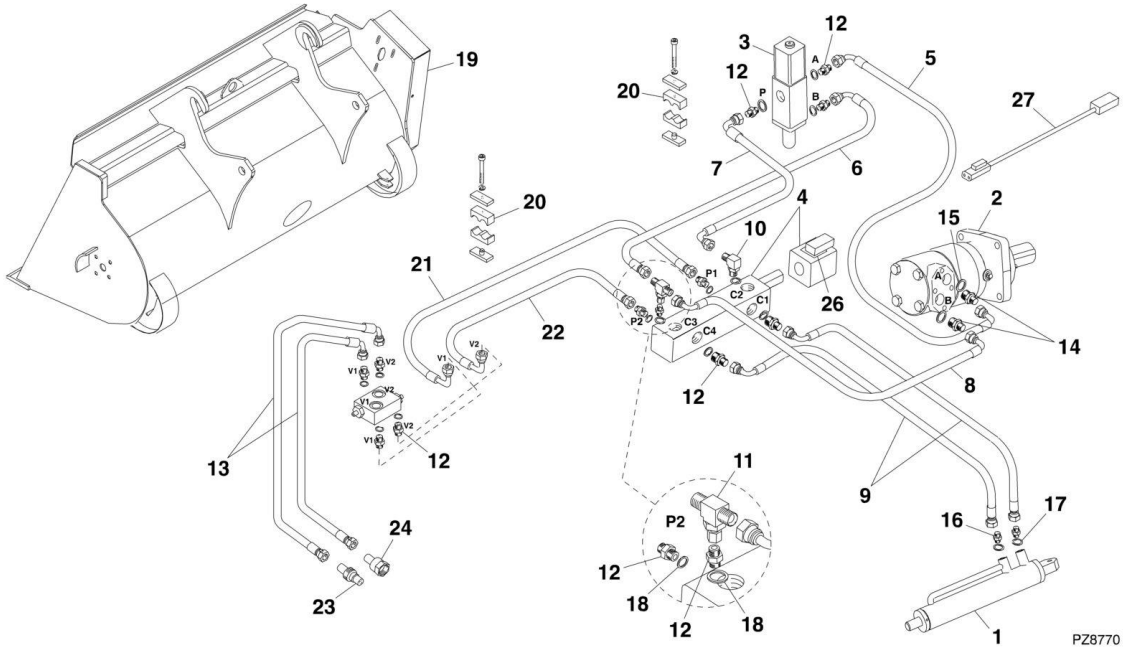


FIGURE 3-15. CONCRETE BUCKET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001106930	1	CONCRETE BUCKET (includes all items) (3706PS,3707PS,4014PS,4017PS)	B
1	70024436	1	CYLINDER	
2	70024437	1	HYDRAULIC ENGINE	
3	70024438	1	VALVE FLOW DIVISOR	
4	70024439	1	SOLENOID VALVE, 6 WAY	
5	70024440	1	PIPE ASSY, 1/2	
6	70024441	1	PIPE ASSY, 1/2	
7	70024442	1	PIPE ASSY, 1/2	
8	70024443	1	PIPE ASSY, 1/2	
9	70024444	2	PIPE ASSY, 1/4	
10	70024445	1	FITTING, 90	
11	70024446	1	TEE FITTING	
12	70024447	12	FITTING	
13	70024448	2	PIPE ASSY, 1/2	
14	70024449	2	FITTING	
15	70024450	2	GASKET, 3/4	
16	1001104958	2	FITTING	
17	70020730	2	GASKET, 1/4	
18	70022927	13	GASKET, 1/2	
19	70024451	1	MIXER BUCKET	
20	70024452	2	TWIN CLAMP, 1/2	
21	70024453	1	PIPE ASSY, 1/2	
22	70024454	1	PIPE ASSY, 1/2	
23	1001094556	1	MALE QUICK COUPLING	
24	1001094555	1	FEMALE QUICK COUPLING	
26	70024455	1	COIL, 12V	
27	70024456	1	HARNESS	

FIGURE 3-16. CONCRETE LADLE

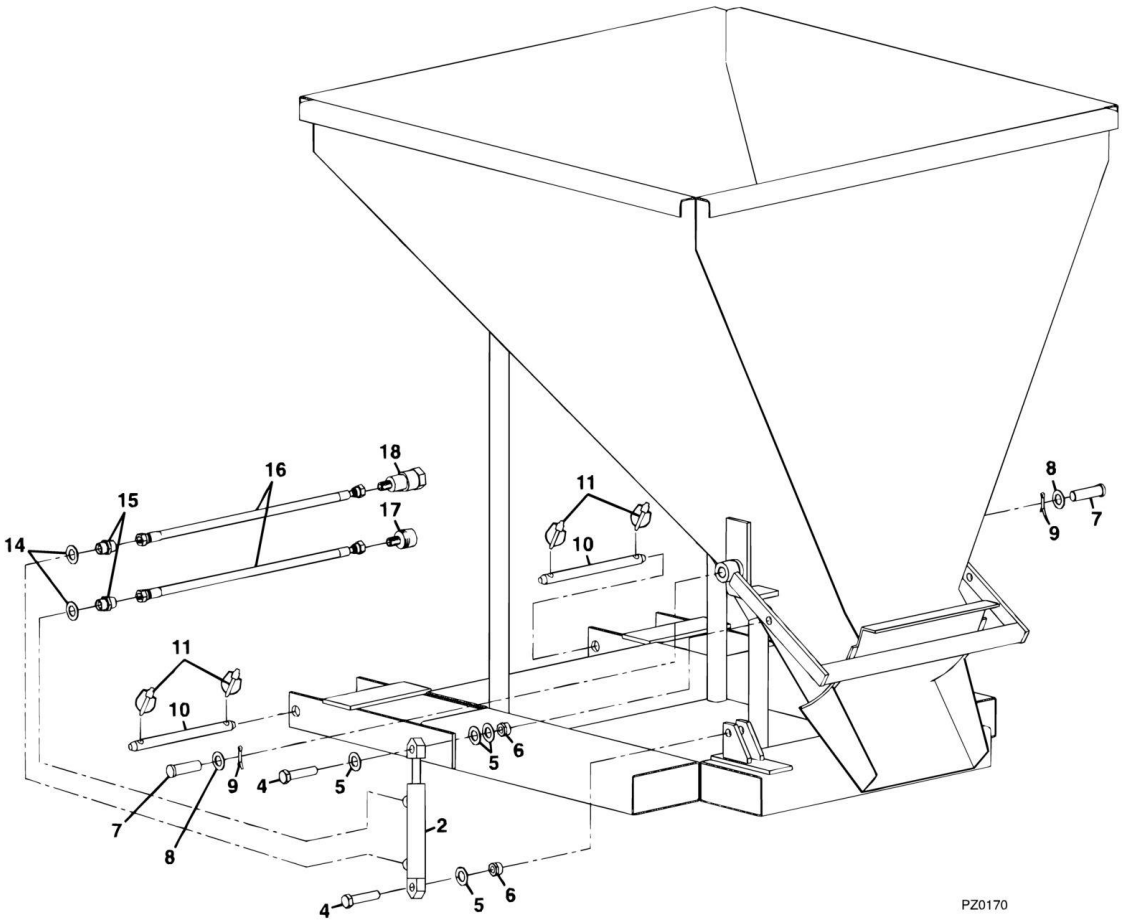


FIGURE 3-16. CONCRETE LADLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0240158	1	CONCRETE LADLE (includes all items) (3706PS,3707PS,4014PS,4017PS)	C
2	70020723	1	HYDRAULIC CYLINDER	
4	70020724	2	BOLT	
5	70020725	4	WASHER	
6	70020726	2	NUT	
7	70020727	2	PIN	
8	70020728	2	WASHER	
9	70020729	2	PIN	
10	70020203	2	SAFETY PIN	
11	70020204	4	RETAINING RING	
14	70020730	2	GASKET	
15	70020731	2	LINK	
16	70020732	2	PIPE	
17	1001094556	1	MALE QUICK DISCONNECT COUPLING	
18	1001094555	1	FEMALE QUICK DISCONNECT COUPLING	

FIGURE 3-17. TRUSS BOOMS

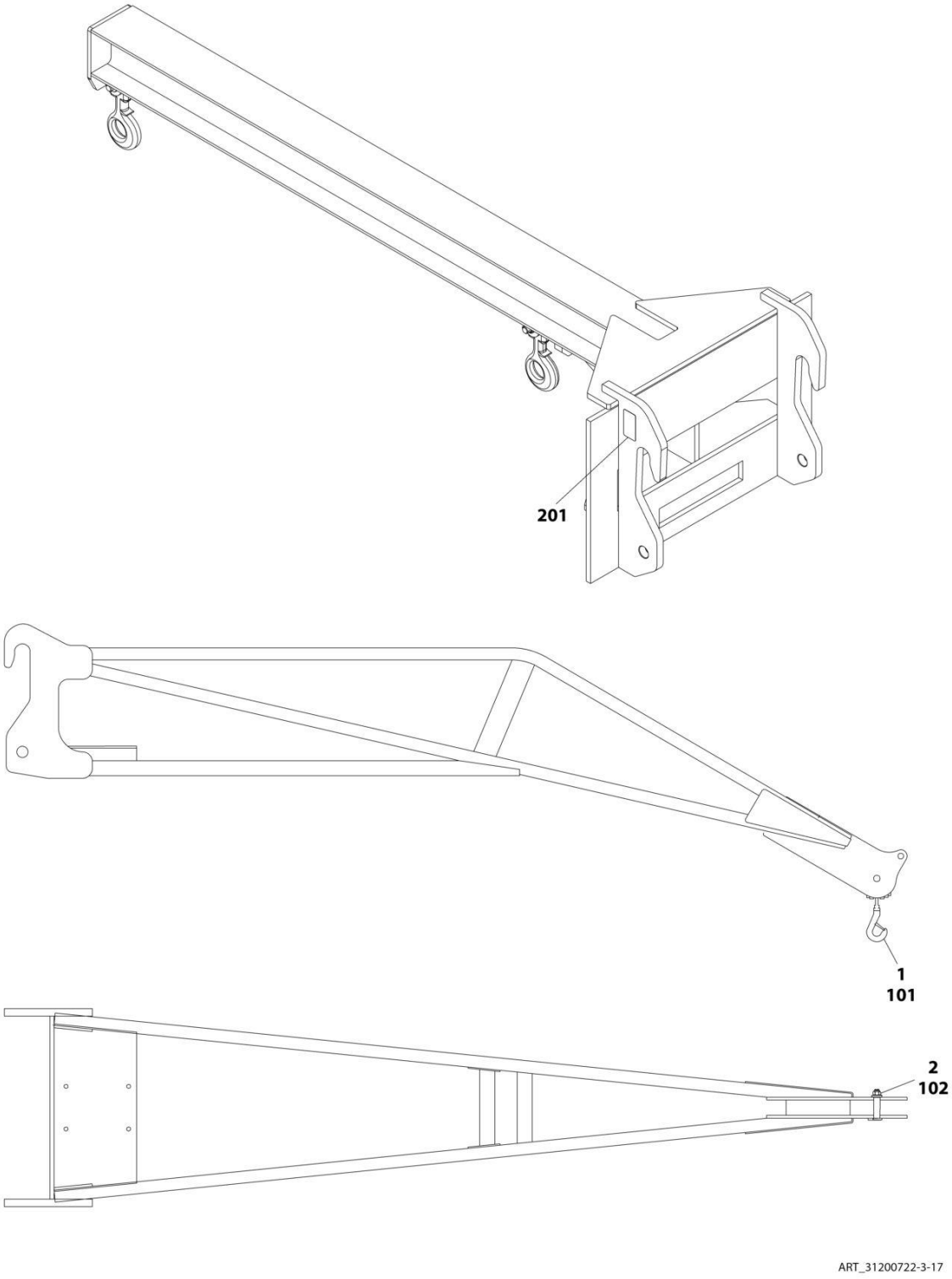


FIGURE 3-17. TRUSS BOOMS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0240063	1	3.4m TRUSS BOOM (1000kg) (includes items 1 & 2) (3706PS,3707PS,4014PS,4017PS)	C
1	70020421	1	HOOK	
2	70020422	1	BOLT	
	0240110	1	3.6m TRUSS BOOM, (650kg) (includes items 101 & 102) (3706PS,3707PS,4014PS,4017PS)	D
101	70020423	1	HOOK	
102	70020424	1	BOLT	
	1001175721	1	2m TRUSS BOOM (3000kg) (AUS) (not shown) (4014PS,4017PS) **(SN 1160007391 to Present)**	A
	1001101442	1	2m TRUSS BOOM (4000kg) (AUS) (not shown) (4014PS,4017PS) **(Prior to SN 1160007391)**	E
	1001234054	1	INSTALLATION, TRUSS BOOM (4000kg) (includes item 201) (4014PS)	A
	1001234068	1	INSTALLATION, TRUSS BOOM (4000kg) (includes item 201) (4017PS)	A
201	1001223184	1	TRUSS BOOM, (4000kg)	

FIGURE 3-18. VOLVO ADAPTER

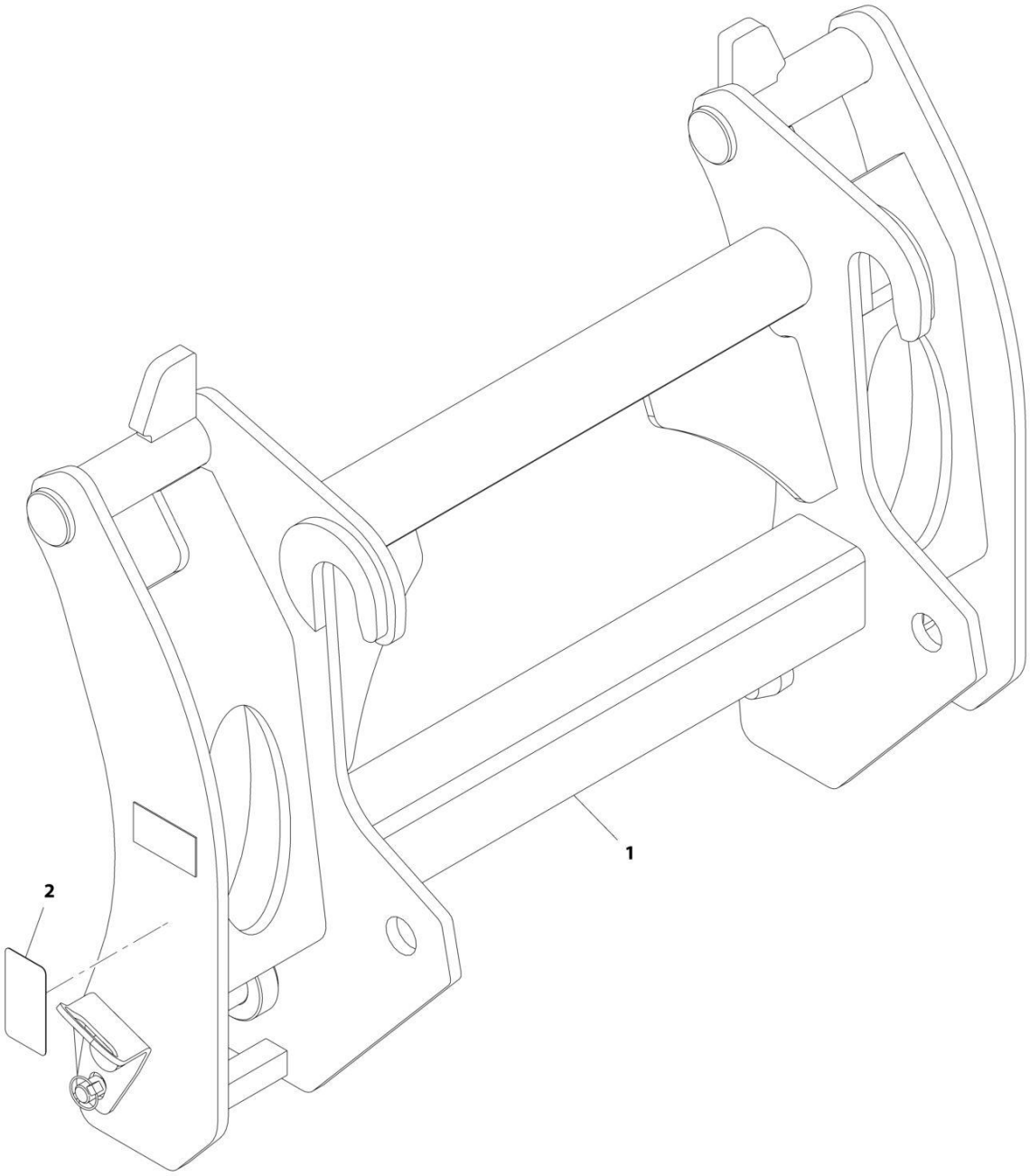
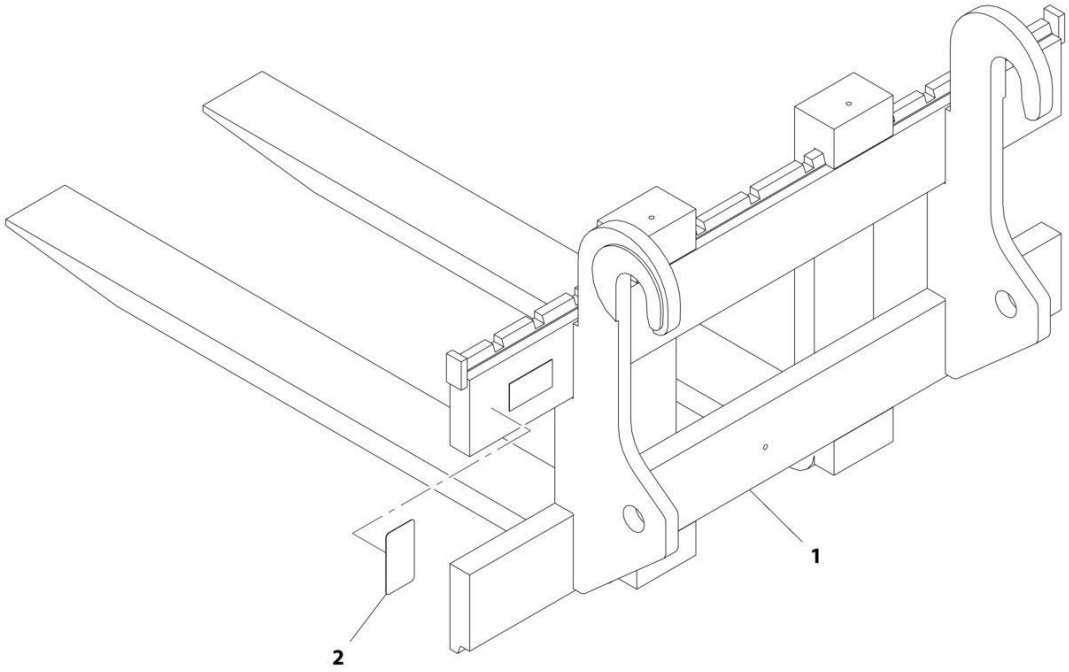


FIGURE 3-18. VOLVO ADAPTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173159	1	VOLVO ADAPTER INSTALLATION (AUS) (includes items 1 & 2) (4014PS)	A
	1001173160	1	VOLVO ADAPTER INSTALLATION (AUS) (includes items 1 & 2) (4017PS)	A
	1001173150	1	VOLVO ADAPTER INSTALLATION (CE) (includes items 1 & 2) (3706PS)	A
	1001173151	1	VOLVO ADAPTER INSTALLATION (CE) (includes items 1 & 2) (3707PS)	A
	1001173154	1	VOLVO ADAPTER INSTALLATION (CE) (includes items 1 & 2) (4014PS)	A
	1001173155	1	VOLVO ADAPTER INSTALLATION (Germany) (includes items 1 & 2) (4014PS)	A
	1001173156	1	VOLVO ADAPTER INSTALLATION (CE) (includes items 1 & 2) (4017PS)	A
1	1001173162	1	CARRIAGE, VOLVO ADAPTER	
2		Ref	CHART, CAPACITY, (See DECALS SECTION for Breakdown)	

FIGURE 3-19. FEM ADAPTER (37.6,37.7,3706PS,3707PS,4014PS,4017PS)



ART_31200722-3-19

FIGURE 3-19. FEM ADAPTER (37.6,37.7,3706PS,3707PS,4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172675	1	FEM ADAPTER INSTALLATION (includes item 1 & 2) (3706PS)	A
	1001172678	1	FEM ADAPTER INSTALLATION (includes item 1 & 2) (3707PS)	A
	1001172681	1	FEM ADAPTER INSTALLATION (includes item 1 & 2) (4014PS)	A
	1001172683	1	FEM ADAPTER INSTALLATION (AUS) (includes item 1 & 2) (4014PS)	A
	1001172685	1	FEM ADAPTER INSTALLATION (Germany) (includes item 1 & 2) (4014PS)	A
	1001172687	1	FEM ADAPTER INSTALLATION (includes item 1 & 2) (4017PS)	A
	1001172689	1	FEM ADAPTER INSTALLATION (AUS) (includes item 1 & 2) (4017PS)	A
1	1001172667	1	CARRIAGE, FEM ADAPTER	
2		Ref	CHART CAPASITY, (See DECALS SECTION for Breakdown)	

FIGURE 3-20. MULTI-PURPOSE BUCKET (Prior to SN 1160008730)

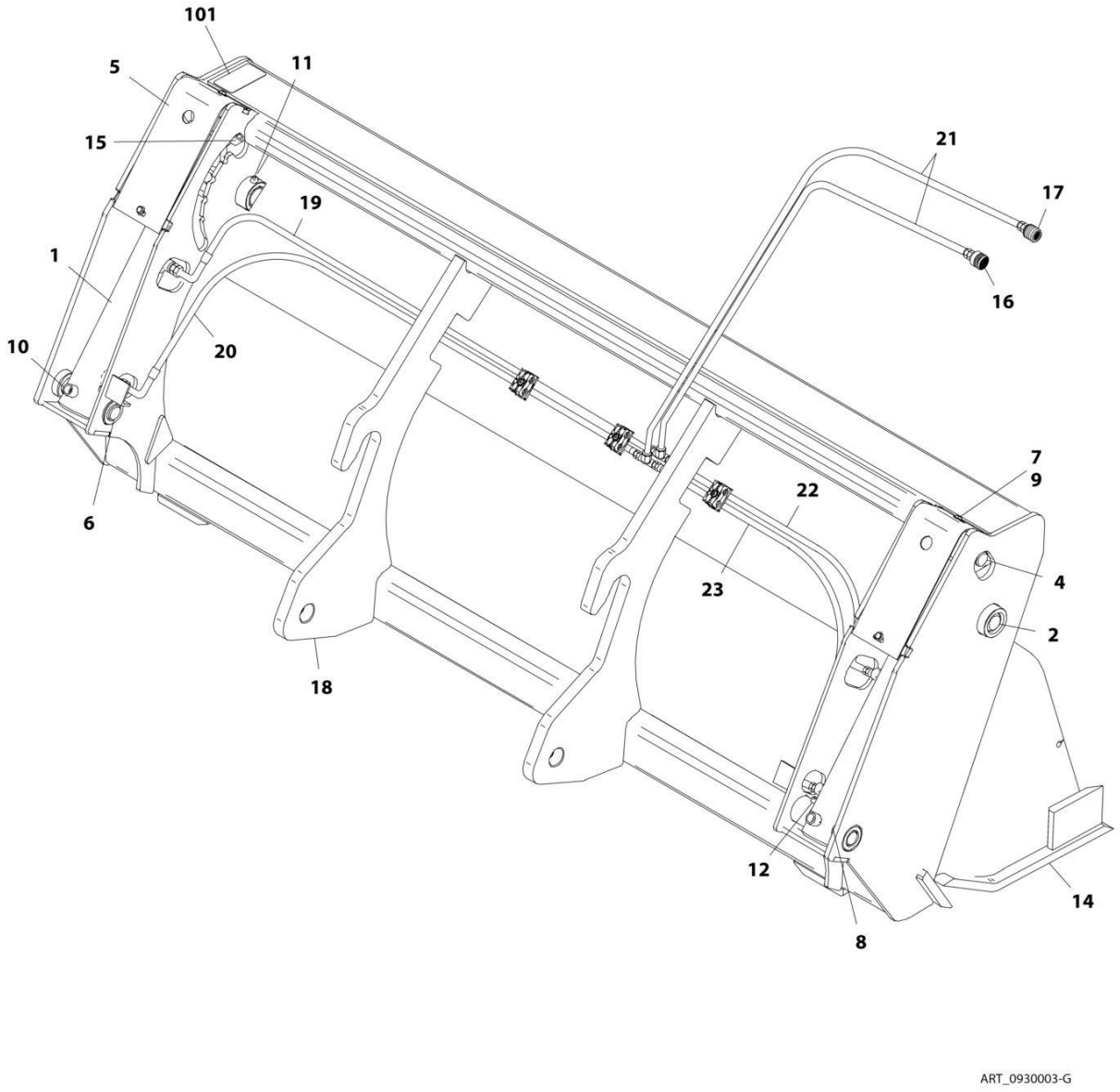


FIGURE 3-20. MULTI-PURPOSE BUCKET (Prior to SN 1160008730)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930003	1	Multi-Purpose Bucket, 1.0m³	G
1	7028990	2	Cylinder	
	7028910	AR	Kit, Seal, Cylinder	
2	7028911	2	Pin	
3	7028912	6	Nut (not shown)	
4	7028913	2	Pin	
5	7028914	2	Plate, Protective	
6	7028915	2	Pin	
7	7028916	4	Bolt	
8	7028131	6	Bushing	
9	7028917	4	Washer	
10	7028918	6	Nipple, Grease	
11	7028920	2	Screw	
12	7028919	4	Screw	
14	N.S.S.	1	Weldment	
15	7028923	1	Gauge	
16	1001094555	1	Coupling, Female Quick Disconnect	
17	1001094556	1	Coupling, Male Quick Disconnect	
18	N.S.S.	1	Weldment	
19	7028982	1	Hose	
20	7028983	1	Hose	
21	7028984	2	Hose	
22	7028985	1	Hose	
23	7028991	1	Hose	
101	N.S.S.	1	S/N Plate	

FIGURE 3-21. MULTI-PURPOSE BUCKET (SN 1160008730 to Present)

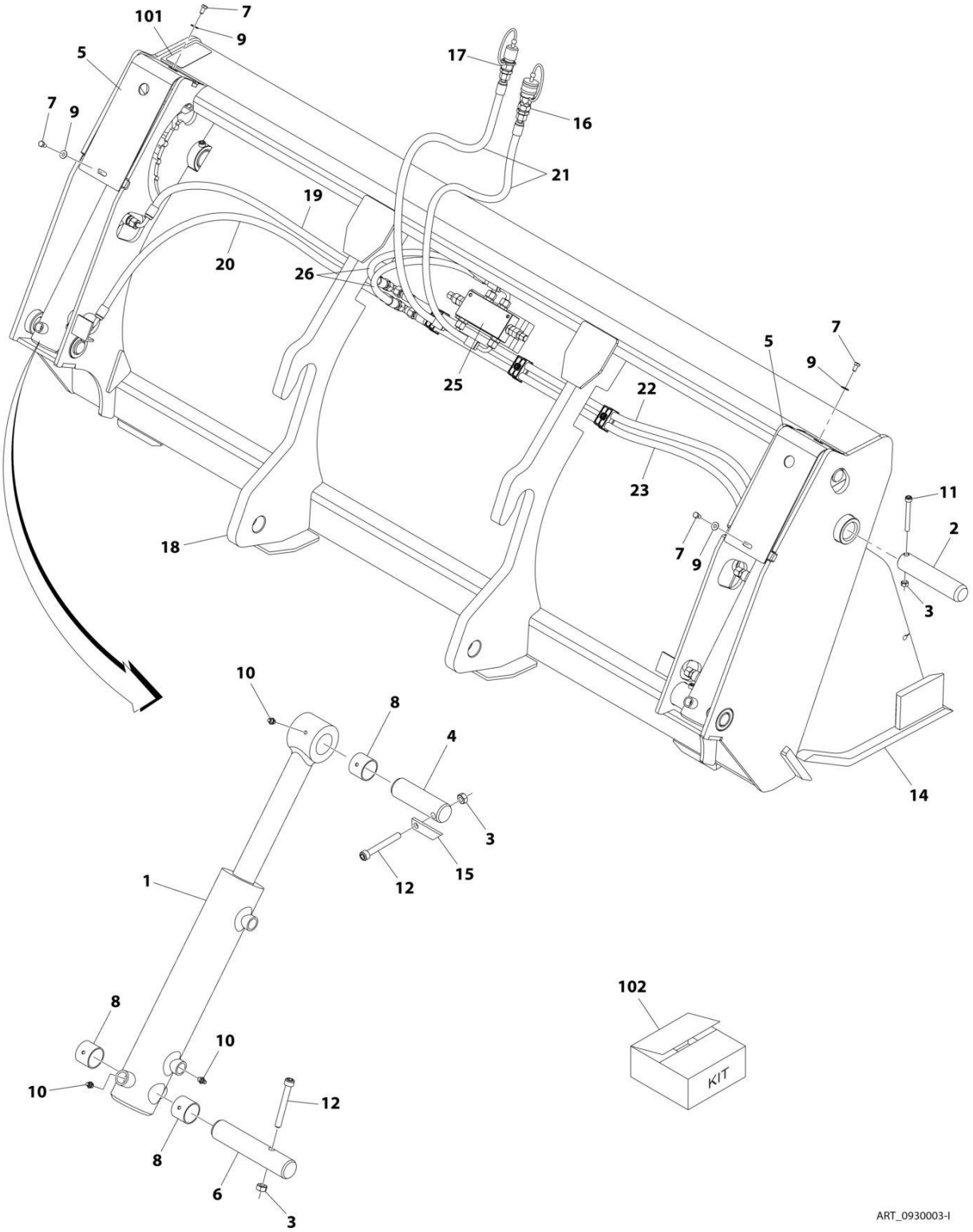


FIGURE 3-21. MULTI-PURPOSE BUCKET (SN 1160008730 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930003	1	Multi-Purpose Bucket, 1.0m³	H
1	7028990	2	Cylinder	
	7028910	AR	Kit, Seal, Cylinder	
2	7028911	2	Pin	
3	7028912	6	Nut	
4	7028913	2	Pin	
5	N.S.S.	2	Plate, Protective	
6	7028915	2	Pin	
7	7028916	4	Bolt	
8	7028131	6	Bushing	
9	7028917	4	Washer	
10	7028918	6	Nipple, Grease	
11	7028920	2	Screw	
12	7028919	4	Screw	
14	N.S.S.	1	Weldment	
15	7028923	1	Gauge	
16	1001094555	1	Coupling, Female Quick Disconnect	
17	1001094556	1	Coupling, Male Quick Disconnect	
18	N.S.S.	1	Weldment	
19	7028982	1	Hose	
20	7028983	1	Hose	
21	7028984	2	Hose	
22	7028995	1	Hose	
23	7028991	1	Hose	
25	70027291	1	Balancing Valve	
26	70029011	2	Hose	
101	N.S.S.	1	S/N Plate	
102	1001097287	1	Quick Disconnect Coupling Kit, (includes items 16, 17 dust cap and dust plug)	

SECTION 4 - ENGINE AND ATTACHING PARTS

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-1. ENGINE INSTALLATION

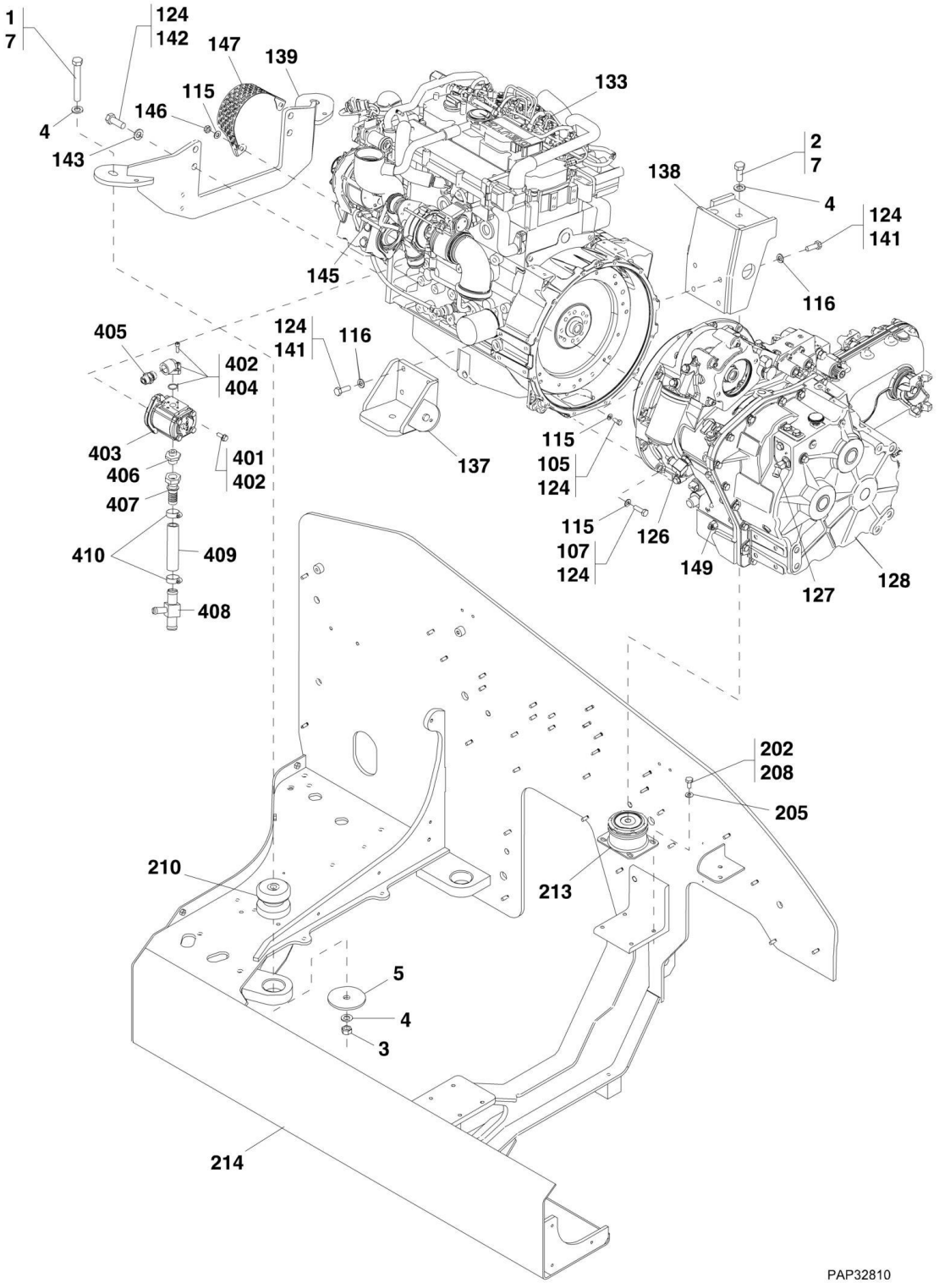


FIGURE 4-1. ENGINE INSTALLATION

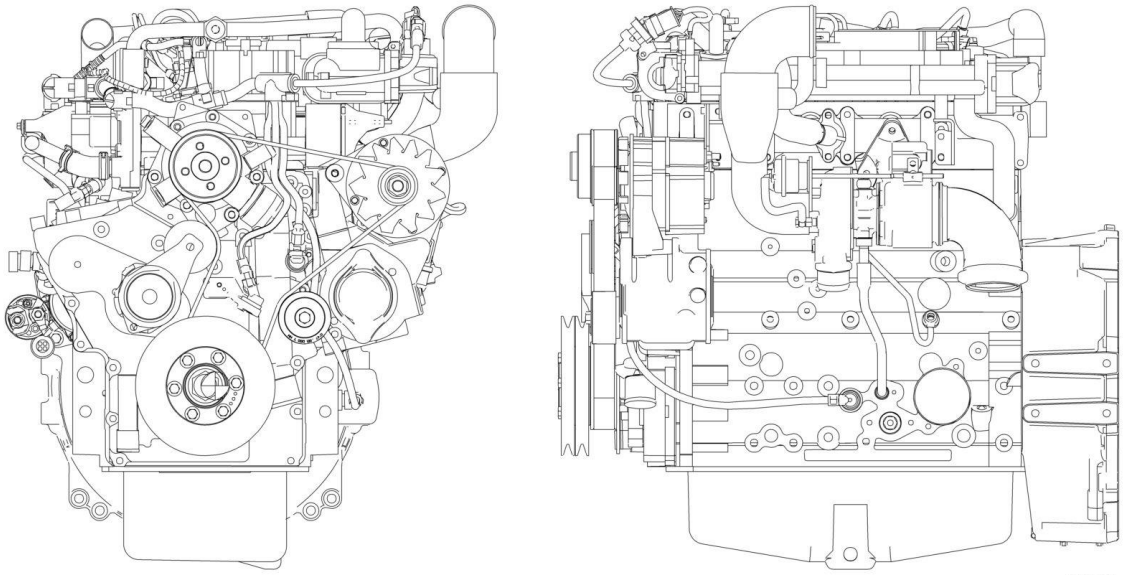
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	0701629	2	HEX HD CAPSCREW, M16X120, GR 8.8, (torque to 241 Nm/177.75 lb-ft)	
2	0761616	2	HEX HD CAPSCREW, M16X40, GR 8.8, (torque to 241 Nm/177.75 lb-ft)	
3	3291601	2	HEX NUT, M16X2	
4	4812300	6	WASHER, 16mm	
5	1001008506	2	WASHER	
7	1001095650	AR	LOCTITE 243	
105	0761010	8	HEX HD CAPSCREW, M10X20, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
107	0761015	10	HEX HD CAPSCREW, M10X35, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
115	4812000	19	WASHER, 10mm	
116	4812100	8	WASHER, 12mm	
124	1001095650	AR	LOCTITE 243	
126	1001099267	1	ADAPTER, BARB FITTING	
127	1001099268	1	ADAPTER, 45, BARB	
128		Ref	TRANSMISSION, (See DRIVE TRAIN SECTION for Breakdown)	
133		Ref	ENGINE, (See DEUTZ ENGINE for Breakdown)	
137	1001139982	1	ENGINE MOUNT BRACKET	
138	1001139983	1	ENGINE MOUNT BRACKET	
139	1001141228	1	ENGINE MOUNT BRACKET	
141	0701215	8	HEX HD CAPSCREW, M12X35, GR 8.8, (torque to 97 Nm/71.54 lb-ft)	
142	0701617	4	HEX HD CAPSCREW, M16X45, GR 8.8, (torque to 241 Nm/177.75 lb-ft)	
143	4812300	4	WASHER, 16mm	
145	1001152378	1	HEX FLANGE SCREW, M10X110mm, (if equipped for ULS - 90 Kw, 6 SPEED), (if equipped for LS)	
145	0781028	1	HEX FLANGESCREW, M10X110mm, (if equipped for ULS - 75 Kw, 4 SPEED)	
146	3291001	1	HEX NUT, M10X1.5, (torque to 55 Nm/40.56 lb-ft)	
147	1001147828	1	FINGER GUARD	
149	2220237	1	ADAPTER, PLUG	
202	0761010	8	HEX HD CAPSCREW, M10X20, GR8.8	
205	4812000	8	WASHER, 10mm	
208	1001095650	AR	LOCTITE 243	
210	1001120523	2	ENGINE MOUNT	
213	1001134127	2	ENGINE MOUNT	
214		Ref	ENGINE FRAME, (See FRAME AND ATTACHING PARTS SECTION for Breakdown)	
310		Ref	ENGINE ELECTRICAL COMPARTMENT INSTALLATION, (not shown), (See ELECTRICAL SECTION for Breakdown)	
	1001132828	1	HYDRAULIC FAN PUMP INSTALLATION, (includes items 401 thru 410)	D
401	5201012	2	RIPP BOLT, M10X25, (torque to 55 Nm/40.56 lb-ft)	
402	1001095650	AR	LOCTITE 243	
403	1001133809	1	FAN PUMP	
404	1001135245	1	ADAPTER, 90, (torque to 12-18 Nm/8.8-13.2 lb-ft)	
405	1001135257	1	ADAPTER, CONNECTOR, (includes o-ring)	
406	1001135485	1	ADAPTER, CONNECTOR	
407	1001135486	1	ADAPTER, HOSE TAIL	

SECTION 4 - ENGINE AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
408	1001121267	1	BARB FITTING	
409	1001145010	1	HOSE	
410	1001008466	2	CLAMP	

FIGURE 4-2. DEUTZ ENGINE

IF EQUIPPED FOR ULS



PZ7530

FIGURE 4-2. DEUTZ ENGINE

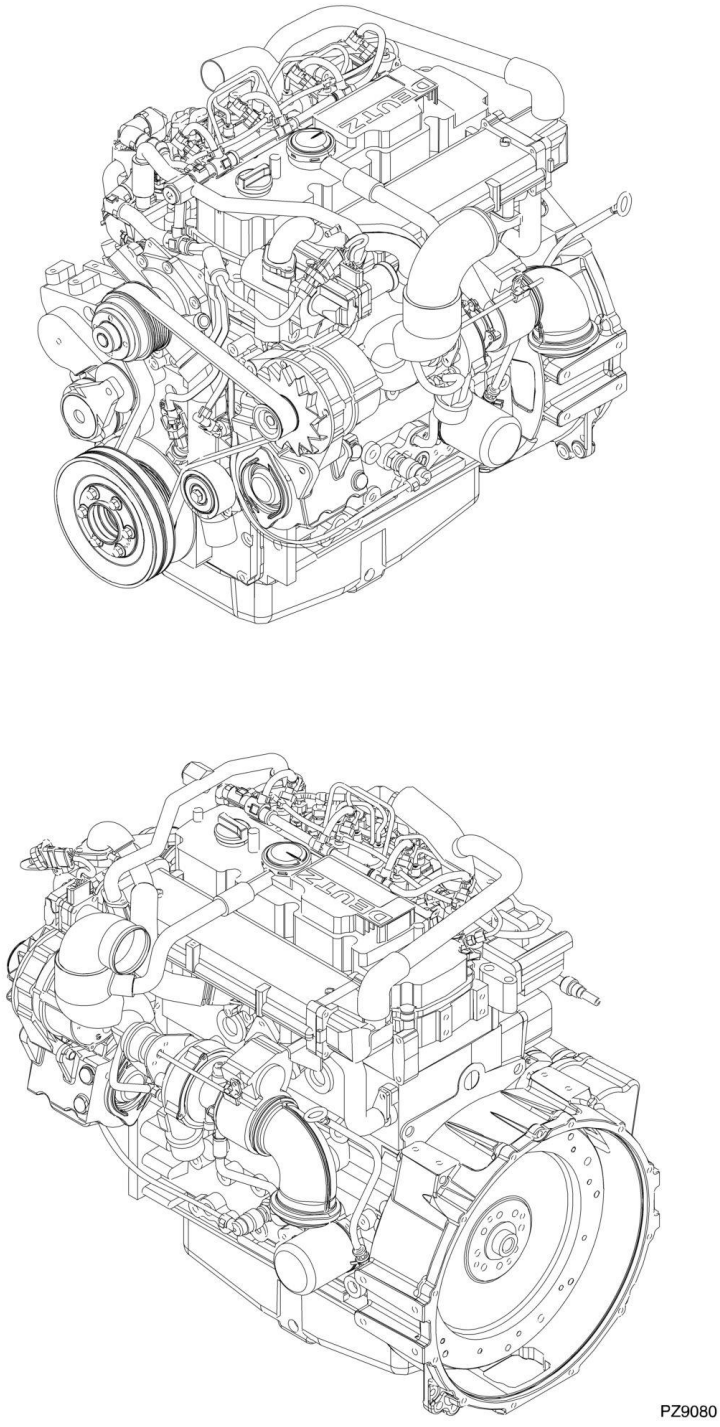
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001131252	1	DEUTZ ENGINE, (if equipped for ULS), (75 kW), (includes all items) **(Prior to SN 1160007368)**	E
	1001171457	1	DEUTZ ENGINE, (if equipped for ULS), (75 kW), (includes all items) **(SN 1160007368 through 1160008066)**	B
	1001184108	1	DEUTZ ENGINE, (if equipped for ULS), (75 kW), (includes all items) **(SN 1160008067 to Present)**	B
	1001130203	1	DEUTZ ENGINE, (if equipped for ULS), (90 kW), (includes all items) **(Prior to SN 1160007557)**	E
	1001171458	1	DEUTZ ENGINE, (if equipped for ULS), (90 kW), (includes all items) **(SN 1160007411 through 1160007556, Including 1160007368, Excluding 1160006750)**	B
	1001184110	1	DEUTZ ENGINE, (if equipped for ULS), (90 kW), (includes all items) **(SN 1160007557 to Present, Including 1160006750)**	B
	70024472	1	CONTROL UNIT	
	70002718	1	ROT SHAFT LIP SEAL	
	70024473	1	THERMOSTAT	
	70024474	4	GLOW PLUG	
	70024475	1	INTAKE PIPE GASKET	
	70024476	1	HIGH PRESSURE PIPE	
	70024477	1	EGR COOLER	
	70024483	1	CYLINDER HEAD GASKET	
	70024484	1	IDLER ROLLER	
	70024485	4	INJECTOR	
	70024486	1	FUEL SUPPLY PUMP	
	70024487	1	FUEL INJECT PUMP	
	70024489	1	LUBRICATION OIL LINE	
	70024490	1	RAIL	
	70024491	1	OIL PIPE	
	70024492	1	WATER PUMP	
	70024494	1	OIL COOLER	
	70024496	1	COOLING WATER LINE	
	70024497	1	INTAKE PIPE	
	70024498	1	HIGH PRESSURE PIPE	
	70024499	1	HIGH PRESSURE PIPE	
	70024501	1	FUEL LINE	
	70024502	1	FUEL LEAKAGE PIPE	
	70040080	1	ROT SHAFT LIP SEAL	
	70024503	2	TACHO-GENERATOR	
	70024505	1	TEMPERATURE TRANSMITTER	
	70024506	1	PRESSURE SENSOR	
	70024507	1	PRESSURE SENSOR	
	70024508	1	CONNECTING PIPE	
	70024510	1	ATTACHMENT FLANGE	
	70024511	1	PLUG	
	7016331	1	OIL FILTER	
	70024961	1	FUEL FILTER ASSY, PRIMARY	
	70025153	1	FUEL FILTER	
	70024513	1	SENSOR CABLE	
	70025239	1	SEALING RING	
	70025121	2	HEX BOLT	
	70024963	1	FUEL FILTER ASSY, SECONDARY	

SECTION 4 - ENGINE AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70024962	1	FUEL FILTER, SPIN ON	
	70024504	1	PRESSURE SENSOR	
	70024920	1	O-SEAL	
	70025121	2	HEX BOLT	
	70025477	1	BELT TENSIONER	
	70025478	1	V-BELT	
	70025479	1	CHEESE HD SCREW	

FIGURE 4-3. DEUTZ ENGINE

IF EQUIPPED FOR LS

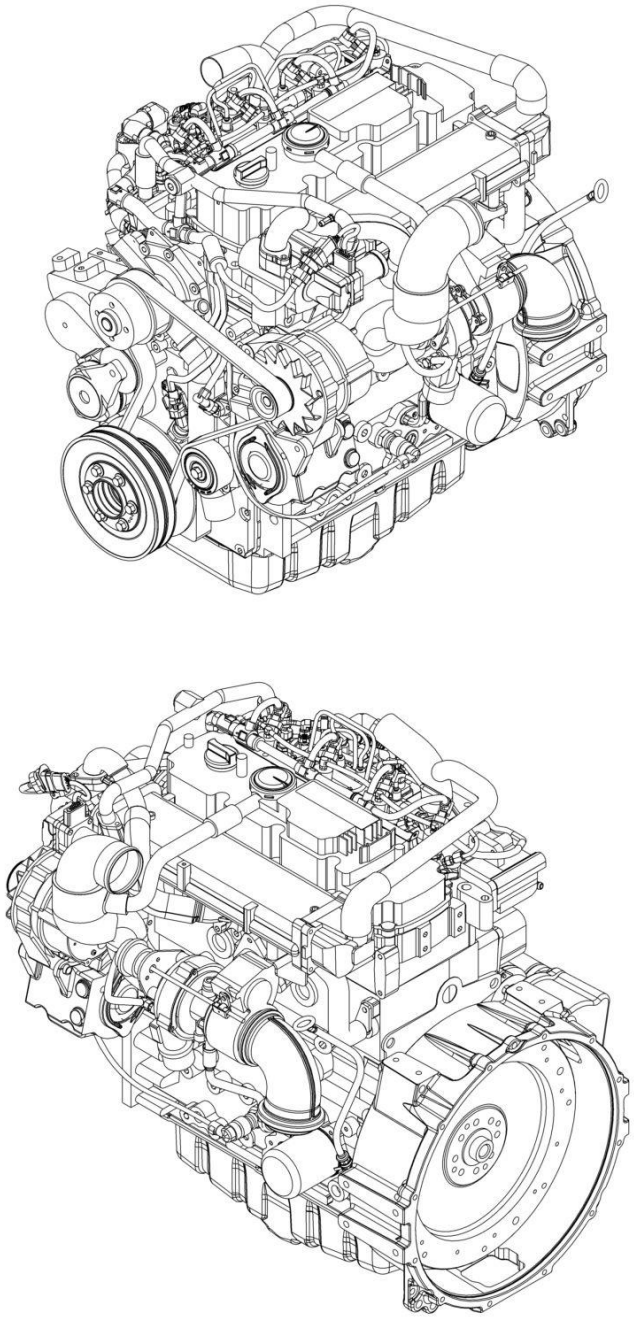


PZ9080

FIGURE 4-3. DEUTZ ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155118	1	DEUTZ ENGINE, (if equipped for LS), (74.4 kW), (includes all items) **(Prior to SN 1160007338)**	B
	1001155117	1	DEUTZ ENGINE, (if equipped for LS), (90 kW), (includes all items) **(Prior to SN 1160007432, Excluding 1160007368)**	B
	7016331	1	OIL FILTER, SPIN-ON	
	70002718	1	LIP SEAL, ROTARY SHAFT	
	70024473	1	THERMOSTAT	
	70024474	4	GLOW PLUG	
	70024481	1	GASKET	
	70024483	1	CYLINDER HEAD GASKET	
	70024485	1	INJECTOR	
	70025532	1	TURBOCHARGER	
	70024498	1	HIGH PRESSURE PIPE	
	70024499	1	HIGH PRESSURE PIPE	
	70025533	1	GENERATOR	
	70024486	1	FUEL SUPPLY PUMP	
	70025534	1	HIGH PRESSURE PIPE	
	70025535	1	STARTER	
	70025536	1	WATER PUMP	
	70025537	1	DIPSTICK	
	70024961	1	FUEL FILTER ASSY, PRIMARY	
	70025153	1	FUEL FILTER	
	70024513	1	SENSOR CABLE	
	70025239	1	SEALING RING	
	70025121	2	HEX BOLT	
	70024963	1	FUEL FILTER ASSY, SECONDARY	
	70024962	1	FUEL FILTER, SPIN ON	
	70024504	1	PRESSURE SENSOR	
	70024920	1	O-SEAL	
	70025121	2	HEX BOLT	
	70040080	1	LIP SEAL, ROTARY SHAFT	
	70024503	2	TACHO-GENERATOR	
	70024504	2	PRESSURE SENSOR	
	70024507	1	PRESSURE SENSOR	
	7020465	1	FILLER CAP	
	70025088	1	SCREW PLUG	
	70025538	1	JOINT WASHER	
	70025477	1	BELT TENSIONER	
	70025478	1	V-BELT	
	70025479	1	CHEESE HD SCREW	

FIGURE 4-4. DEUTZ ENGINE



ART_31200722-4-4

FIGURE 4-4. DEUTZ ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171459	1	DEUTZ ENGINE, (if equipped for LS), (74.4 kW), (includes all items) **(SN 1160007338 to Present)**	C
	1001171460	1	DEUTZ ENGINE, (if equipped for LS), (90 kW), (includes all items) **(SN 1160007432 to Present, Including 1160007368)**	C
	70024904	1	DIPSTICK	
	70024905	1	O-SEAL	
	70204065	1	FILLER CAP	
	70024906	1	CYLINDER HEAD GASKET	
	70002718	1	ROT SHAFT LIP SEAL	
	70024907	1	GASKET	
	70004280	1	ROT SHAFT LIP SEAL	
	7016331	1	OIL FILTER	
	70025181	1	INJECTOR	
	70024909	1	FUEL FILTER	
	70024910	1	COOLANT WATER PUMP	
	70024911	1	TURBOCHARGER	
	70024912	1	GASKET	
	70024509	1	GASKET	
	70024913	1	V-BELT	
	70024914	1	GENERATOR	
	70024915	1	STARTER	
	70024503	1	TACHO-GENERATOR	
	70024917	1	O-SEAL	
	70024918	1	TEMP TRANSMITTER	
	70024504	1	PRESSURE SENSOR	
	70024920	1	O-SEAL	
	70024507	1	PRESSURE SENSOR	
	70024922	1	TEMP TRANSMITTER	
	70000345	1	GLOW PLUG	
	70024923	1	PRESSURE SENSOR	
	70024924	1	PUMP, HIGH PRESSURE (not shown - Located Front Left Side)	
	70024494	1	OIL COOLER	
	70024925	1	GASKET	
	70024926	1	OIL PUMP	

FIGURE 4-5. FUEL TANK AND LINES

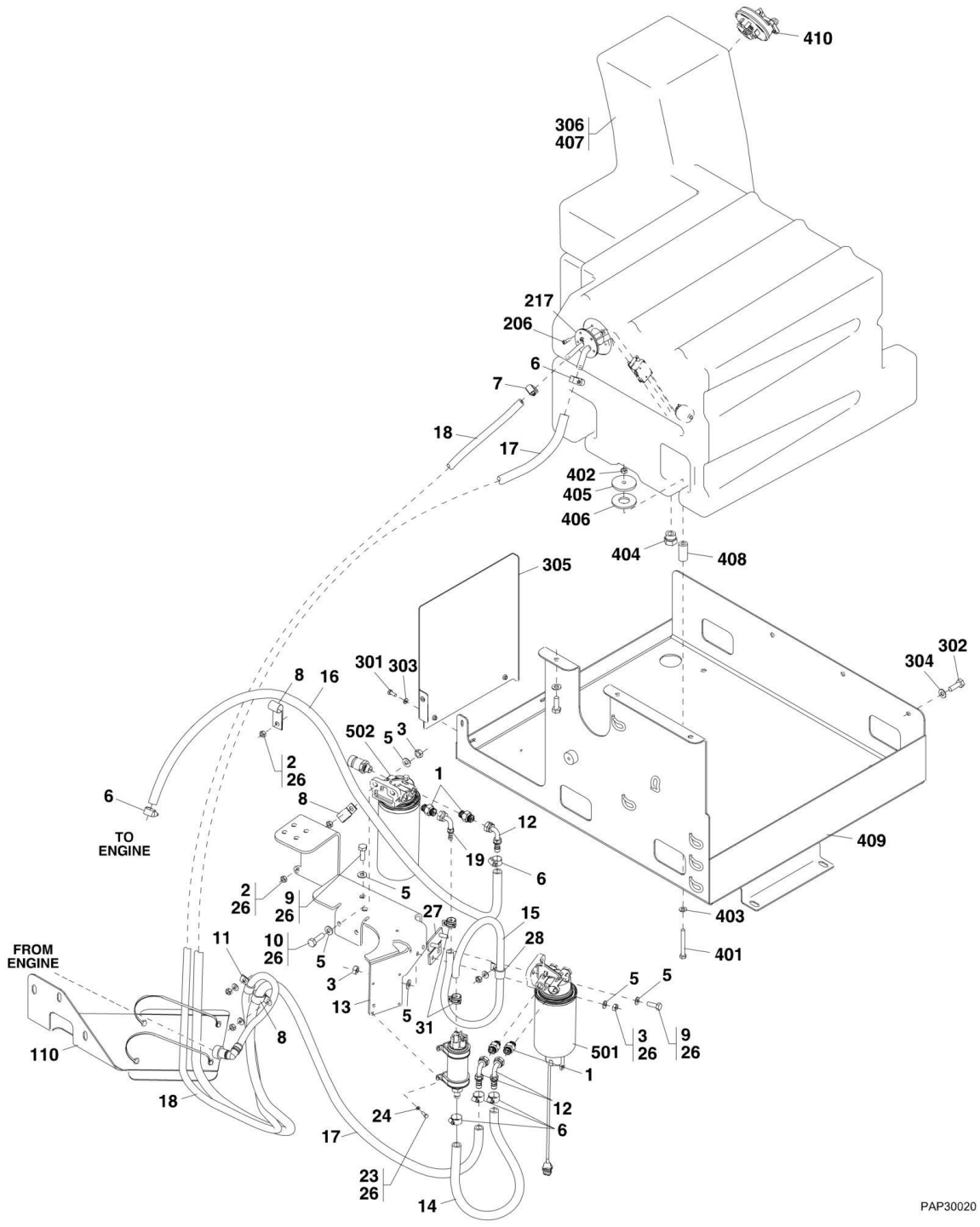


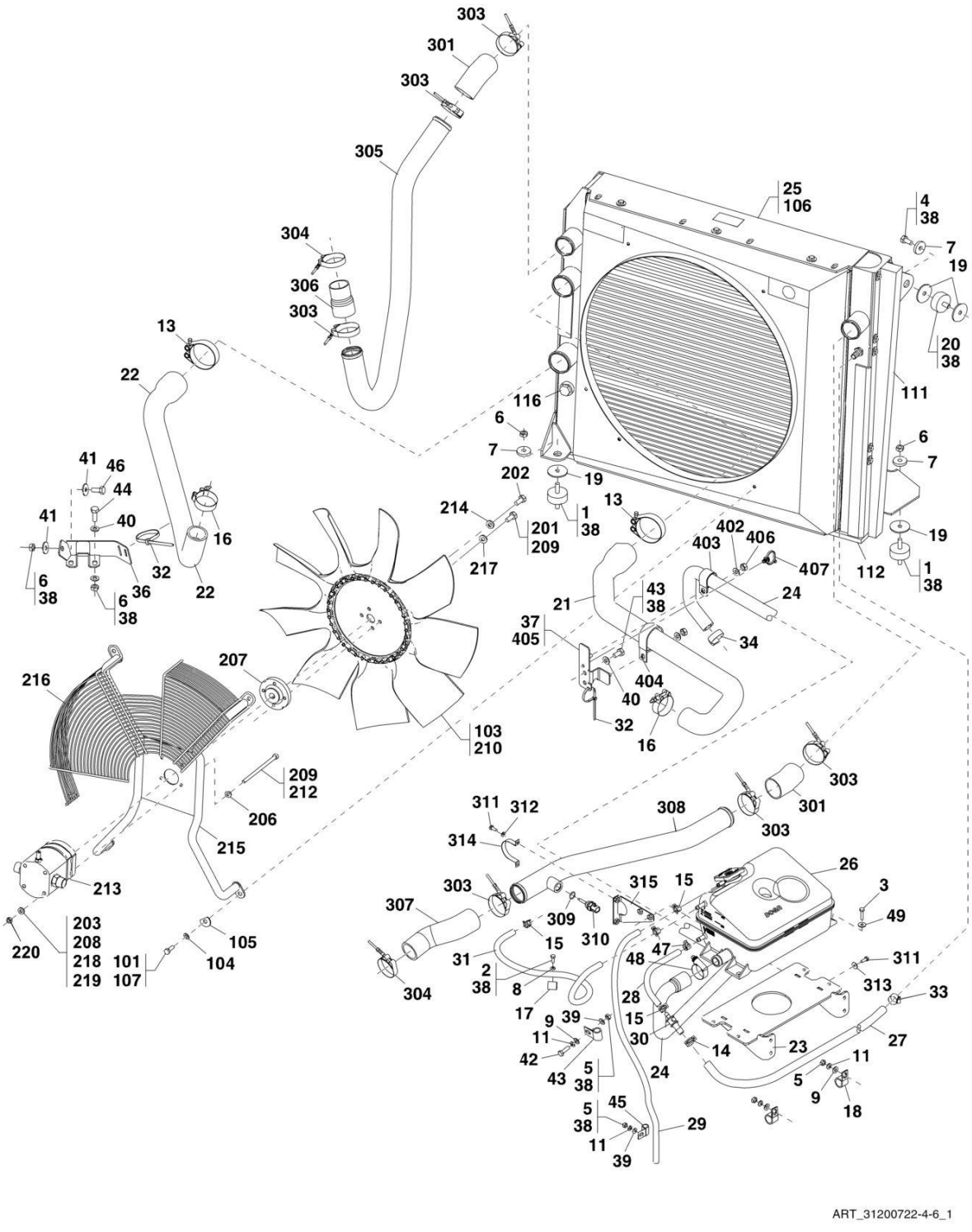
FIGURE 4-5. FUEL TANK AND LINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133785	Ref	FUEL LINE INSTALLATION (not available to order, see items 1 thru 28 for service) (33.7,37.6,37.7,3706PS,3707PS) **(Prior to SN 1160007338)**	J
	1001133784	Ref	FUEL LINE INSTALLATION (not available to order, see items 1 thru 28 for service) (4014PS) **(Prior to SN 1160007338)**	J
	1001129677	Ref	FUEL LINE INSTALLATION (not available to order, see items 1 thru 30 for service) (4017PS) **(Prior to SN 1160007338)**	I
	1001171241	Ref	FUEL LINE INSTALLATION, (not available to order, see items 1 thru 31 for service) **(SN 1160007338 to Present)**	E
1	2144606	4	ADAPTER, STRAIGHT, (includes o-ring)	
2	5220800	5	RIPP NUT, 8mm	
3	3291001	4	HEX NUT, M10X1.5	
5	4812000	10	WASHER, 10mm	
6	8405006	6	GEAR CLAMP, (torque to 4-5 Nm/295-3.68 lb-ft)	
7	8410013	4	GEAR CLAMP, (torque to 4-5 Nm/295-3.68 lb-ft) **(Prior to SN 1160007338)**	
7	8410013	1	GEAR CLAMP, (torque to 4-5 Nm/295-3.68 lb-ft) **(SN 1160007338 to Present)**	
8	1001004144	3	CLIP	
9	0761014	4	HEX HD CAPSCREW, M10X30, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
10	0761015	2	HEX HD CAPSCREW, M10X35, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
11	1001009207	1	CLIP	
12	1001095301	3	STEM FITTING, ELBOW	
13	1001151725	1	SUPPORT PLATE	
14	1001133774	1	HOSE	
15	1001153617	1	HOSE	
16	1001154249	1	HOSE **(Prior to SN 1160007338)**	
16	1001166283	1	HOSE **(SN 1160007338 to Present)**	
17	1001133780	1	HOSE (33.7,37.6,37.7,3706PS,3707PS) **(Prior to SN 1160007338)**	
17	1001133778	1	HOSE (4014PS) **(Prior to SN 1160007338)**	
17	1001133773	1	HOSE (4017PS)	
17	1001133773	1	HOSE (33.7,37.6,37.7,3706PS,3707PS,4014PS) **(SN 1160007338 to Present)**	
18	1001133781	1	HOSE (33.7,37.6,37.7,3706PS,3707PS) **(Prior to SN 1160007338)**	
18	1001133779	1	HOSE (4014PS) **(Prior to SN 1160007338)**	
18	1001133777	1	HOSE (4017PS) **(Prior to SN 1160007338)**	
18	1001171310	1	HOSE **(SN 1160007338 to Present)**	
19	1001133793	1	STEM FITTING, ELBOW **(Prior to SN 1160007338)**	
19	1001002852	1	STEM FITTING, ELBOW **(SN 1160007338 to Present)**	
23	0700507	4	HEX HD CAPSCREW, M5X14, GR8.8	
24	4831600	4	SPRING LOCKWASHER, 5mm	
26	1001095650	AR	LOCTITE 243	
27	1001151613	1	FUEL PRE-FILTER BRACKET ADAPTOR	
28	1001008741	1	CLIP **(Prior to SN 1160007338)**	
29	471678	2	BAND CABLE, (not shown) **(SN 116007338 to Present)**	
30	1001004723	1	SADDLE CUP, (not shown) **(SN 1160007338 to Present)**	
31	1001152729	2	CLAMP, SPRINGBAND	

SECTION 4 - ENGINE AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
110		Ref	HOSE SUPPORT BRACKET, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
206	4031607	5	SOCKET HD CAPSCREW, M5X16, (torque to 6.5-7.5 Nm/4.79-5.53 lb-ft)	
213	8410013	1	GEAR CLAMP, (torque to 241 Nm/177.75 lb-ft)	
215	1001008609	1	CLAMP, (torque to 4-5 Nm/295-3.68 lb-ft)	
217	1001092264	1	FUEL SENDER/LEVEL GAUGE	
	1001142665	Ref	FUEL TANK MOUNTING INSTALLATION, (not available to order, see items 301 thru 306 for service)	A
301	0700608	3	HEX HD CAPSCREW, M6X16, GR8.8	
302	0701014	6	HEX HD CAPSCREW, M10X30, GR8.8, (torque to 50 Nm/36.87 lb-ft)	
303	4811700	3	WASHER, 6mm	
304	4812000	6	WASHER, 10mm	
305	1001090314	1	COVER	
306	1001142666	Ref	FUEL CRADLE TANK, (not available to order, see items 401 thru 403 & 405 thru 410 for service)	C
401	0700822	4	HEX HD CAPSCREW, M8X10, GR8.8, (torque to 26 Nm/19.17 lb-ft)	
402	3290801	4	HEX NUT, M8X1.25	
403	4811900	4	WASHER, 8mm	
404	1001003427	1	PLUG	
405	1001006259	4	OVERSIZED WASHER	
406	1001006329	4	RUBBER WASHER	
407	1001090159	1	FUEL TANK **(Prior to SN 1160008149)**	
407	1001210533	1	FUEL TANK, (includes item 404) **(SN 1160008149 to Present)**	
408	1001092122	4	SPACER	
409	1001126600	1	FUEL TANK CRADLE BRACKET	
410	1001142658	1	FUEL CAP	
501		Ref	PRIMARY FUEL FILTER ASSY, (See DEUTZ ENGINE for Breakdown)	
502		Ref	SECONDARY FUEL FILTER ASSY, (See DEUTZ ENGINE for Breakdown)	

FIGURE 4-6. RADIATOR INSTALLATION



ART_31200722-4-6_1

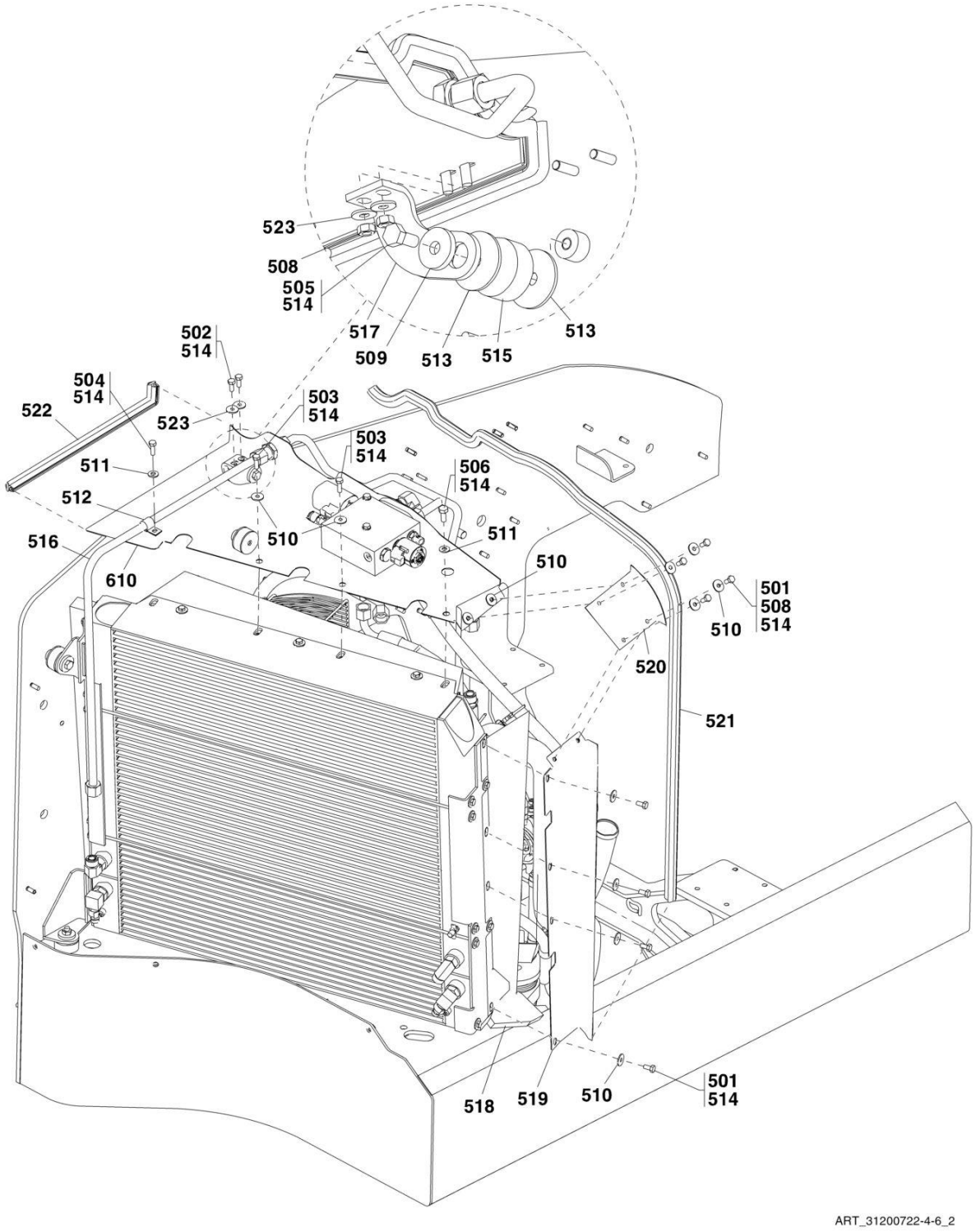

523
508
505
514
517
509
513
515
513
502
514
504
514
522
523
503
514
503
514
506
514
511
512
510
511
516
610
510
501
508
514
510
520
521
518
519
510
501
514
ART_31200722-4-6_2

FIGURE 4-6. RADIATOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129678	Ref	RADIATOR INSTALLATION, (not available to order, see items 1 thru 47 for service)	N
1	429063	2	RUBBER BUFFER PAD	
2	0760608	1	HEX HD CAPSCREW, M6X16, GR8.8, (torque to 12 Nm/8.85 lb-ft)	
3	0760612	4	HEX HD CAPSCREW, M6X25, GR8.8, (torque to 12 Nm/8.85 lb-ft)	
4	0761011	1	HEX HD CAPSCREW, M10X22, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
5	3290801	6	HEX NUT, M8X1.25, (torque to 28 Nm/20.65 lb-ft)	
6	3291001	5	HEX NUT, M10X1.5, (torque to 55 Nm/40.56 lb-ft)	
7	4740572	3	WASHER, 10mm	
8	4811700	1	WASHER, 6mm	
9	4811900	5	WASHER, 8mm	
11	4831900	6	SPRING LOCKWASHER, 8mm	
13	1001163281	2	BAND CLAMP	
14	1001142942	1	SPRING BAND CLAMP	
15	1001140296	2	SPRING BAND CLAMP	
16	8410014	2	T-BOLT CLAMP, (torque to 5-6 Nm/3.68-4.42 lb-ft)	
17	1001003048	1	CLIP	
18	1001004144	2	CLIP	
19	1001091685	4	WASHER	
20	1001113669	1	RUBBER BUFFER PAD	
21	1001131989	1	COOLANT HOSE	
22	1001131990	1	COOLANT HOSE	
23	1001132247	1	EXPANSION TANK SUPPORT	
24	1001132340	1	FILL HOSE	
25	1001142003	1	COOLING PACK AND FAN INSTALLATION, (includes items 101 thru 116)	F
26	1001149375	1	EXPANSION TANK	
27	1001145011	1	EXPANSION TANK HOSE	
28	1001145012	1	EXPANSION TANK HOSE	
29	1001145013	1	EXPANSION TANK HOSE	
30	1001182741	1	ADAPTER, BARB FITTING	
31	1001142185	1	EXPANSION TANK HOSE	
32	471678	2	CABLE BAND	
33	8405006	1	GEAR CLAMP, (torque to 5-6 Nm/3.68-4.42 lb-ft)	
34	8405101	1	GEAR CLAMP, (torque to 5-6 Nm/3.68-4.42 lb-ft)	
36	1001142347	1	HOSE BRACKET	
37	1001142386	Ref	RETAINING BRACKET, (not available to order, see items 402 thru 407 for service)	C
38	1001095650	AR	LOCTITE 243	
39	4811902	2	WASHER, 8mm	
40	4812000	6	WASHER, 10mm	
41	4812002	2	WASHER, 10mm	
42	0760812	1	HEX HD CAPSCREW, M8X25, GR8.8	
43	0761010	2	HEX HD CAPSCREW, M10X20, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
44	0761014	2	HEX HD CAPSCREW, M10X30, GR8.8	
45	1001008721	2	CLIP	
46	0761012	1	HEX HD CAPSCREW, M10X25, GR8.8	
47	8410013	2	GEAR CLAMP, 0.78 MAX DIA	
48	1001200709	1	CLAMP	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	4811702	4	WASHER, 6mm	
101	0760812	5	BOLT, M8X25	
103	1001142001	1	FAN INSTALLATION, (includes items 201 thru 220)	G
104	4811900	5	WASHER, 8mm	
105	1001144135	5	WASHER	
106	1001142080	1	RADIATOR	
107	1001095650	AR	LOCTITE 243	
111	1001133954	1	COOLING PACK SEAL	
112	1001133955	1	COOLING PACK SEAL	
116	2220239	1	ADAPTER, RING, (torque to 53-63 Nm/39-46.4 lb-ft)	
201	0761010	4	HEX HD CAPSCREW, M10X20, GR8.8	
202	1001139034	1	PATCH LOCK SCREW, (torque to 26 Nm/19.17 lb-ft)	
203	2111010	2	ADAPTER, CONNECTOR, (includes o-ring)	
206	4811900	4	WASHER, 8mm	
207	1001145871	1	ADAPTER	
208	1001093401	1	ADAPTER	
209	1001095650	AR	LOCTITE 243	
210	1001148542	1	FAN	
212	4031927	4	SOCKET HD CAPSCREW, M8X150, (torque to 28 Nm/20.65 lb-ft)	
213	1001132236	1	FAN MOTOR	
214	5240800	1	WASHER, 8MM	
215	1001142081	1	FAN SPIDER	
216	1001142082	1	FAN SHIELD	
217	5241000	4	WASHER, 10mm	
218	1001152940	1	FAN HUB KEY	
219	1001125466	AR	LOCTITE 638	
220	5260800	4	NUT	
	1001129676	Ref	AIR SYSTEM INSTALLATION, (not available to order, see items 301 thru 315 for service)	G
301	1001120892	2	HOSE	
303	1001120904	6	T-BOLT CLAMP, (torque to 5.5-7.5 Nm/4.05-5.53 lb-ft)	
304	1001006072	2	T-BOLT CLAMP, (torque to 5.5-7.5 Nm/4.05-5.53 lb-ft)	
305	1001141835	1	WELD PIPE ASSY	
306	1001131642	1	REDUCER	
307	1001145062	1	HOSE, CAC	
308	1001133648	1	AIR PIPE	
309	1001009163	1	SEAL	
310		Ref	TEMPERATURE SENSOR, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
311	0760608	4	HEX HD CAPSCREW, M6X16, GR8.8	
312	4811700	2	WASHER, 6mm	
313	4811702	2	WASHER, 6mm	
314	1001142427	1	PIPE CLAMP	
315	1001142445	1	PIPE CLAMP	
402	4811902	2	WASHER, 8mm	
403	8406302	1	HOSE CLAMP	
404	1001008667	1	CLIP	
405	1001188365	1	HOSE BRACKET	
406	3290801	2	HEX NUT, M8X1.25	
407	1001146588	1	STRAP	
501	0760808	8	HEX HD CAPSCREW, M8X16, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
502	0760810	2	HEX HD CAPSCREW, M8X20, GR8.8, (torque to 28 Nm/20.65 lb-ft)	

SECTION 4 - ENGINE AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
503	0760812	2	HEX HD CAPSCREW, M8X25, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
504	0760814	1	HEX HD CAPSCREW, M8X30, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
505	0761011	1	HEX HD CAPSCREW, M8X22, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
506	0761012	1	HEX HD CAPSCREW, M8X25, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
508	3290801	6	HEX NUT, M8X1.25	
509	4740572	1	WASHER, 10mm	
510	4811902	14	WASHER, 8mm	
511	4812000	2	WASHER,10mm	
512	1001009207	1	CLIP	
513	1001091685	2	WASHER, 10mm	
514	1001095650	AR	LOCTITE 243	
515	1001113669	1	RUBBER BUFFER PAD	
516	1001132244	1	PIPE	
517	1001132392	1	BULKHEAD BRACKET	
518	1001132418	1	COOLING PACK SEAL	
519	1001132878	1	BAFFEL PLATE	
520	1001132879	1	BAFFEL PLATE	
521	1001132880	1	BULK SEAL	
522	1001132920	1	BULK SEAL	
523	4811900	4	WASHER, 8mm	
610	1001131962	1	AIR INTAKE ASSEMBLY	

FIGURE 4-7. AIR CLEANER INSTALLATION

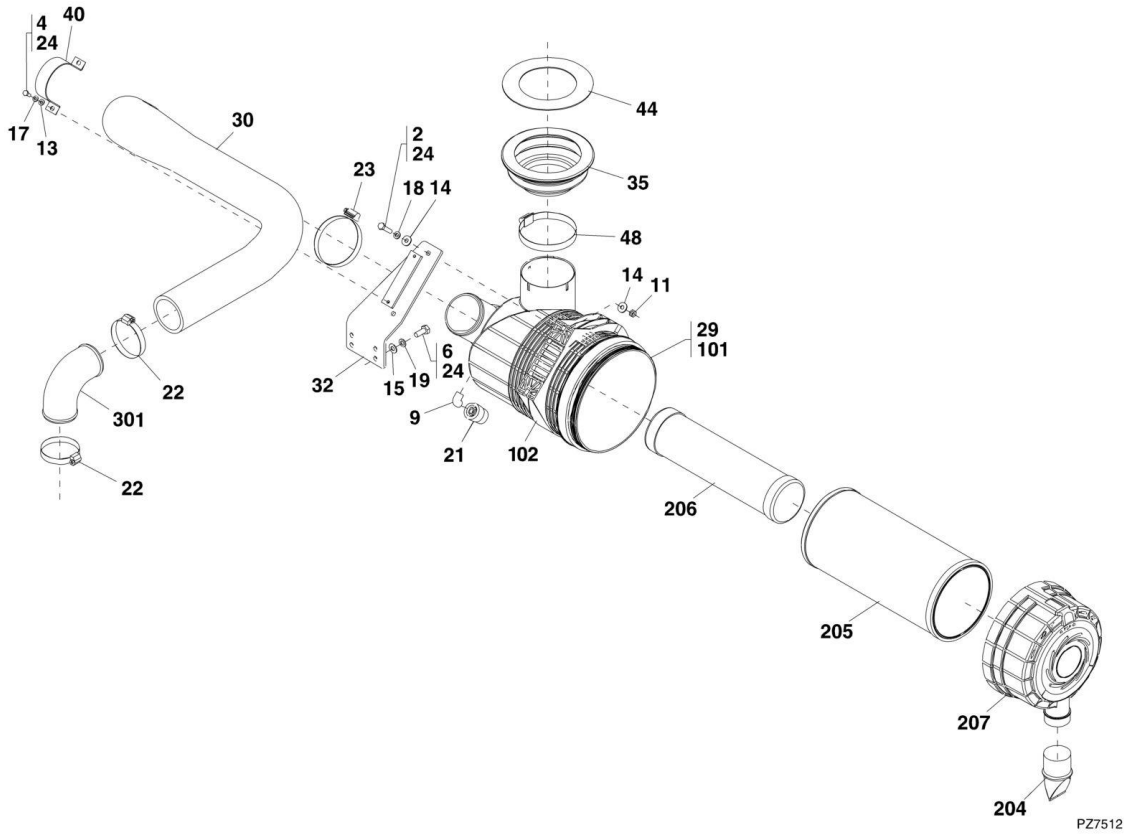


FIGURE 4-7. AIR CLEANER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	0700815	2	HEX HD CAPSCREW, M8X35, GR8.8, (torque to 18-22 Nm/13.27-16.22 lb-ft)	
4	0760607	2	HEX HD CAPSCREW, M6X14, GR8.8, (torque to 12 Nm/8.85 lb-ft)	
6	0761012	4	HEX HD CAPSCREW, M10X25, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
9	2988212	1	ELBOW, 90	
11	3290801	2	HEX NUT, M8X1.25	
13	4811700	2	WASHER, 6mm	
14	4811902	4	WASHER, 8mm	
15	4812000	4	Washer, 10mm	
17	4831700	2	SPRING LOCKWASHER, 6mm	
18	4831900	2	SPRING LOCKWASHER, 8m	
19	4832000	4	SPRING LOCKWASHER, 10m	
21	1001141952	1	RESTRICTION INDICATOR, (torque to 2 Nm/1.47 lb-ft)	
22	8410011	2	GEAR CLAMP, (torque to 4-5 Nm/2.95-3.68 lb-ft)	
23	1001009154	1	HOSE CLAMP, (torque to 4-5 Nm/2.95-3.68 lb-ft)	
24	1001095650	AR	LOCTITE 243	
29	1001143627	1	AIR FILTER ASSY, (includes items 101 & 102)	D
30	1001143939	1	HOSE	
32	1001143535	1	AIR CLEANER BRACKET	
35	1001144016	1	AIR FILTER INTAKE BOOT	
40	1001143833	1	AIR INTAKE CLAMP	
44	1001144344	1	SEAL PLATE	
48	8405402	1	HOSE CLAMP, (torque to 4-5 Nm/2.95-3.68 lb-ft)	
101	1001143500	1	AIR INTAKE FILTER, (includes items 204 thru 207)	A
102	1001143745	1	AIR FILTER CLAMP	
204	80373094	1	VACUATOR VALVE	
205	1101312	1	AIR FILTER, PRIMARY	
206	1101313	1	AIR FILTER, SECONDARY	
207	91364023	1	COVER	
301	H005238	1	ELBOW, AIR INTAKE, (included with engine)	

FIGURE 4-8. EXHAUST INSTALLATION

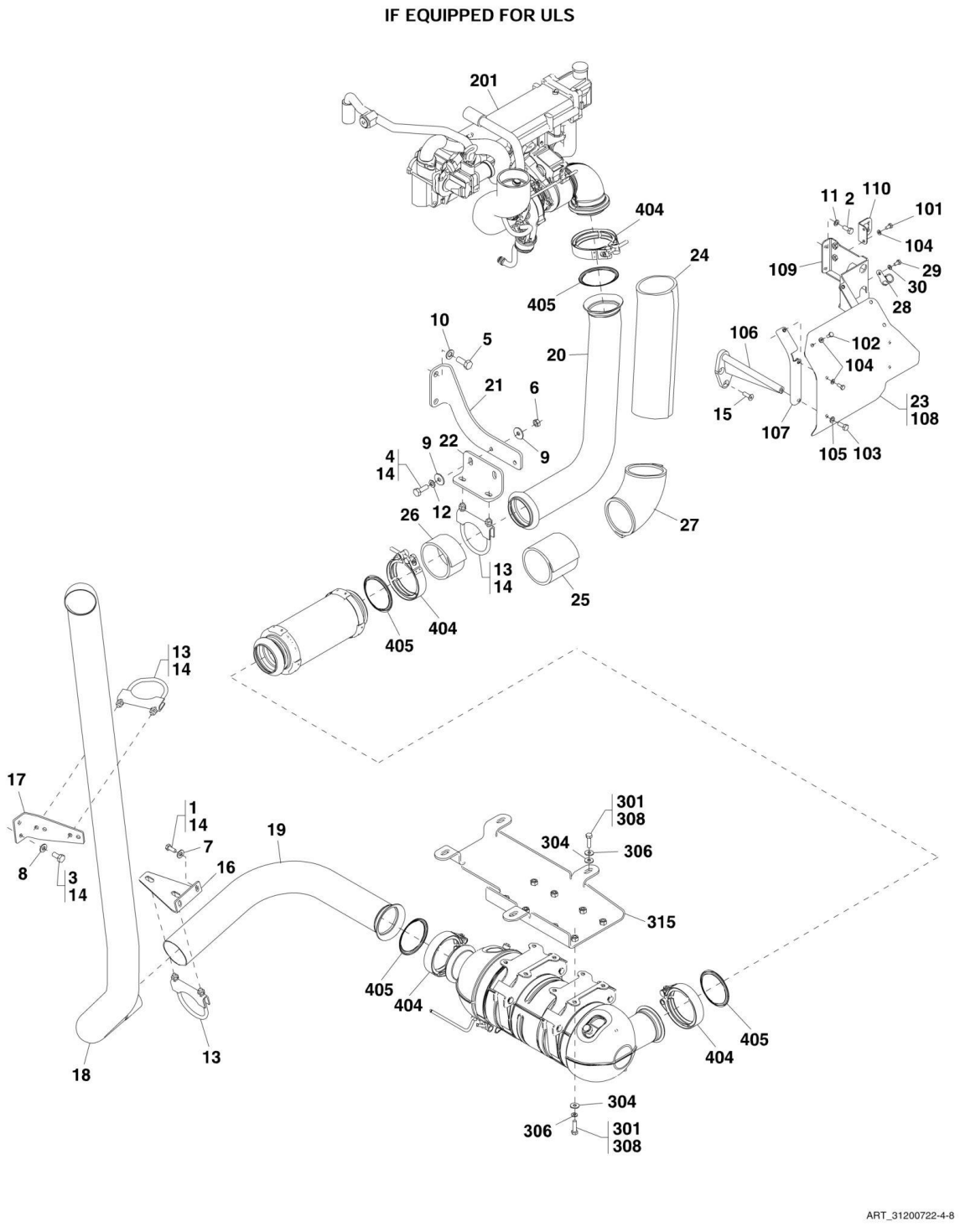


FIGURE 4-8. EXHAUST INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001134224	Ref	EXHAUST INSTALLATION, (if equipped for ULS), (not available to order, see items 1 thru 30 for service)	G
1	0700810	2	HEX HD CAPSCREW, M8X20, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
2	0760810	2	HEX HD CAPSCREW, M8X20, GR8.8, (torque to 11 Nm/8.11 lb-ft)	
3	0761011	2	HEX HD CAPSCREW, M10X22, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
4	0761014	2	HEX HD CAPSCREW, M10X30, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
5	0761214	2	HEX HD CAPSCREW, M12X30, GR8.8, (torque to 88 Nm/65.90 lb-ft)	
6	3291001	2	HEX NUT, M10X1.5	
7	4811900	2	WASHER, 8mm	
8	4812000	2	WASHER, 10mm	
9	4812002	4	WASHER, 10mm	
10	4812100	2	WASHER, 12mm	
11	4831900	2	SPRING LOCKWASHER, 8mm	
12	4832000	2	SPRING LOCKWASHER, 10mm	
13	8275247	3	CLAMP	
14	1001095650	AR	LOCTITE 243	
15	1001137125	3	FLAT HD SOCKET SCREW, M8X20, GR8.8	
16	1001123042	1	EXHAUST BRACKET	
17	1001125286	1	EXHAUST BRACKET	
18	1001126493	1	EXHAUST PIPE	
19	1001134225	1	EXHAUST PIPE	
20	1001134226	1	EXHAUST PIPE	
21	1001134528	1	SUPPORT PLATE	
22	1001134529	1	SUPPORT PLATE	
23	1001141393	1	HEAT SHIELD, (includes items 101 thru 110)	E
24	1001141713	1	EXHAUST INSULATE	
25	1001141714	1	EXHAUST INSULATE	
26	1001141715	1	EXHAUST INSULATE	
27	1001141725	1	EXHAUST INSULATE	
28	1001003322	1	HOSE CLAMP	
29	0760606	1	HEX HD CAPSCREW, M6X12, GR8.8, (torque to 11 Nm/8.11 lb-ft)	
30	4831700	1	SPRING LOCKWASHER, 6mm	
101	0760606	2	HEX HD CAPSCREW, M6X12, GR8.8	
102	0760607	6	HEX HD CAPSCREW, M6X14, GR8.8	
103	0760810	1	HEX HD CAPSCREW, M8X20, GR8.8	
104	4831700	8	SPRING LOCKWASHER, 6mm	
105	4831900	1	SPRING LOCKWASHER, 8mm	
106	1001141394	Ref	SUPPORT BRACKET, (no longer available, use 1001234567 for replacement)	
106	1001234567	1	SUPPORT BRACKET	
107	1001141398	1	STIFFENER BRACKET	
108	1001141401	1	HEAT SHIELD	
109	1001141402	1	SUPPORT BRACKET	
110	1001161447	1	MOUNTING PLATE	
201		Ref	ENGINE, (See DEUTZ ENGINE for Breakdown)	
301	0760814	12	HEX HD CAPSCREW, M8X30, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
304	4811902	15	WASHER, 8mm	

SECTION 4 - ENGINE AND ATTACHING PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
306	4831900	12	SPRING LOCKWASHER, 8mm	
308	1001095650	AR	LOCTITE 243	
315	1001134188	1	MOUNTING PLATE	
404	70025877	4	CLAMP	
405	70025242	4	GASKET	

FIGURE 4-9. EXHAUST INSTALLATION

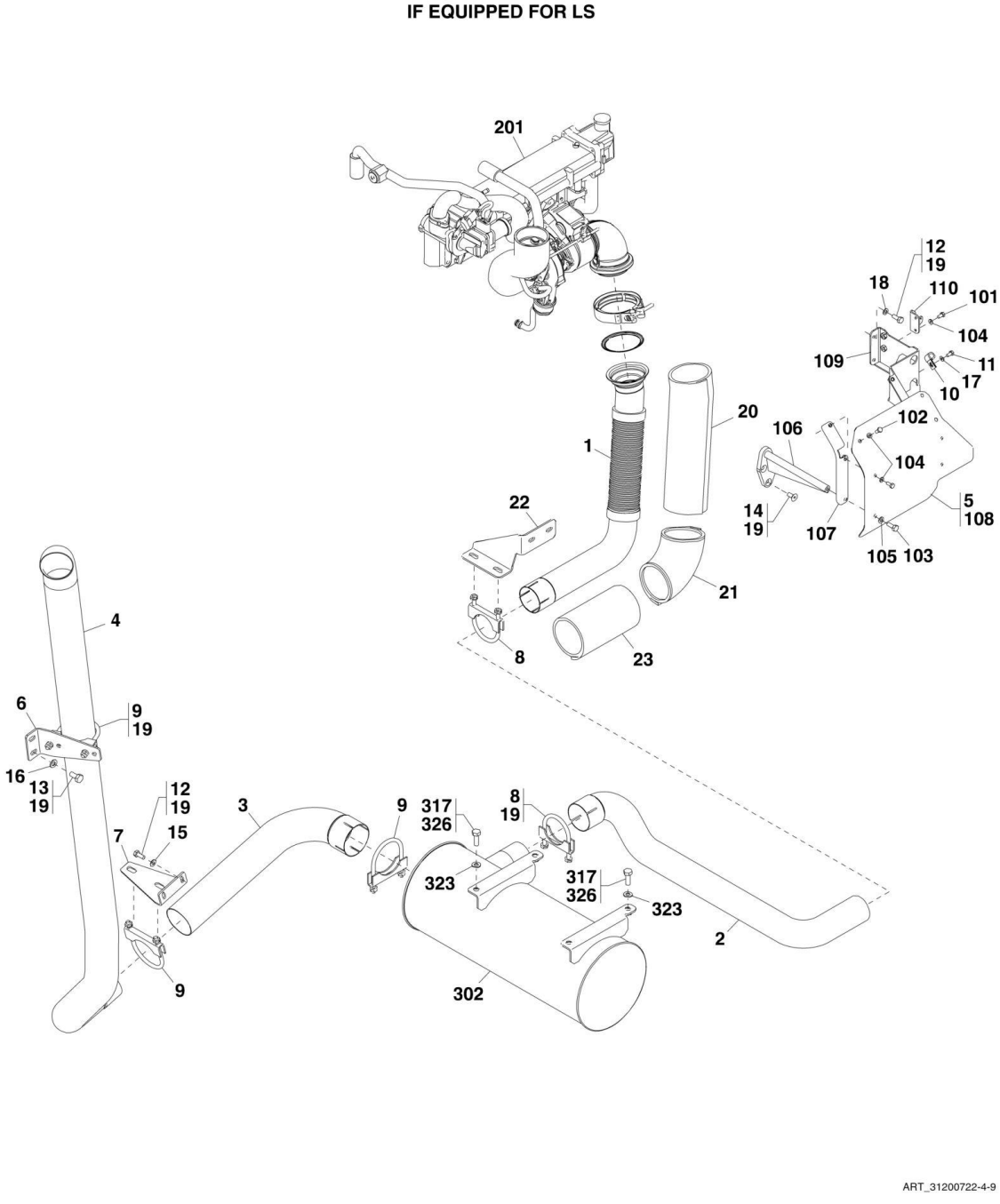


FIGURE 4-9. EXHAUST INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156625	Ref	EXHAUST INSTALLATION, (if equipped for LS), (not available to order, see items 1 thru 23 for service)	C
1	1001156734	1	EXHAUST PIPE	
2	1001156851	1	EXHAUST PIPE	
3	1001126517	1	EXHAUST PIPE	
4	1001126493	1	EXHAUST PIPE	
5	1001141393	1	HEAT SHIELD, (includes items 101 thru 110)	E
6	1001125286	1	EXHAUST BRACKET	
7	1001123042	1	EXHAUST BRACKET	
8	8275212	2	CLAMP, (torque to 11-13 Nm/8.11-9.59 lb-ft)	
9	8275247	3	CLAMP, (torque to 11-13 Nm/8.11-9.59 lb-ft)	
10	1001003322	1	CLIP	
11	0760606	1	HEX HD CAPSCREW, M6X12, GR8.8, (torque to 11 Nm/8.11 lb-ft)	
12	0760810	4	HEX HD CAPSCREW, M8X20, GR8.8, (torque to 11 Nm/8.11 lb-ft)	
13	0761011	2	HEX HD CAPSCREW, M10X22, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
14	1001137125	3	FLAT HD MACHINE SCREW, M8X20, GR8.8	
15	4811900	2	WASHER, 8mm	
16	4812000	2	WASHER, 10mm	
17	4831700	1	SPRING LOCKWASHER, 6mm	
18	4831900	2	SPRING LOCKWASHER, 8mm	
19	1001095650	AR	LOCTITE 243	
20	1001141713	1	EXHAUST INSULATE	
21	1001141725	1	EXHAUST INSULATE	
22	1001164210	1	EXHAUST BRACKET	
23	1001137585	1	EXHAUST INSULATE	
101	0760606	2	HEX HD CAPSCREW, M6X12, GR8.8	
102	0760607	6	HEX HD CAPSCREW, M6X14, GR8.8	
103	0760810	1	HEX HD CAPSCREW, M8X20, GR8.8	
104	4831700	8	SPRING LOCKWASHER, 6mm	
105	4831900	1	SPRING LOCKWASHER, 8mm	
106	1001141394	Ref	SUPPORT BRACKET, (no longer available, use 1001234567 for replacement)	
106	1001234567	1	SUPPORT BRACKET	
107	1001141398	1	STIFFENER BRACKET	
108	1001141401	1	HEAT SHIELD	
109	1001141402	1	SUPPORT BRACKET	
110	1001161447	1	MOUNTING PLATE	
201		Ref	ENGINE, (See DEUTZ ENGINE for Breakdown)	
302	1001138745	1	MUFFLER	
317	0761012	4	HEX HD CAPSCREW, M10X25, GR8.8	
323	4812000	4	WASHER, 10mm	
326	1001095650	AR	LOCTITE 243	

SECTION 5 - DRIVE TRAIN

FIGURE 5-1. DRIVE TRAIN COMPONENTS

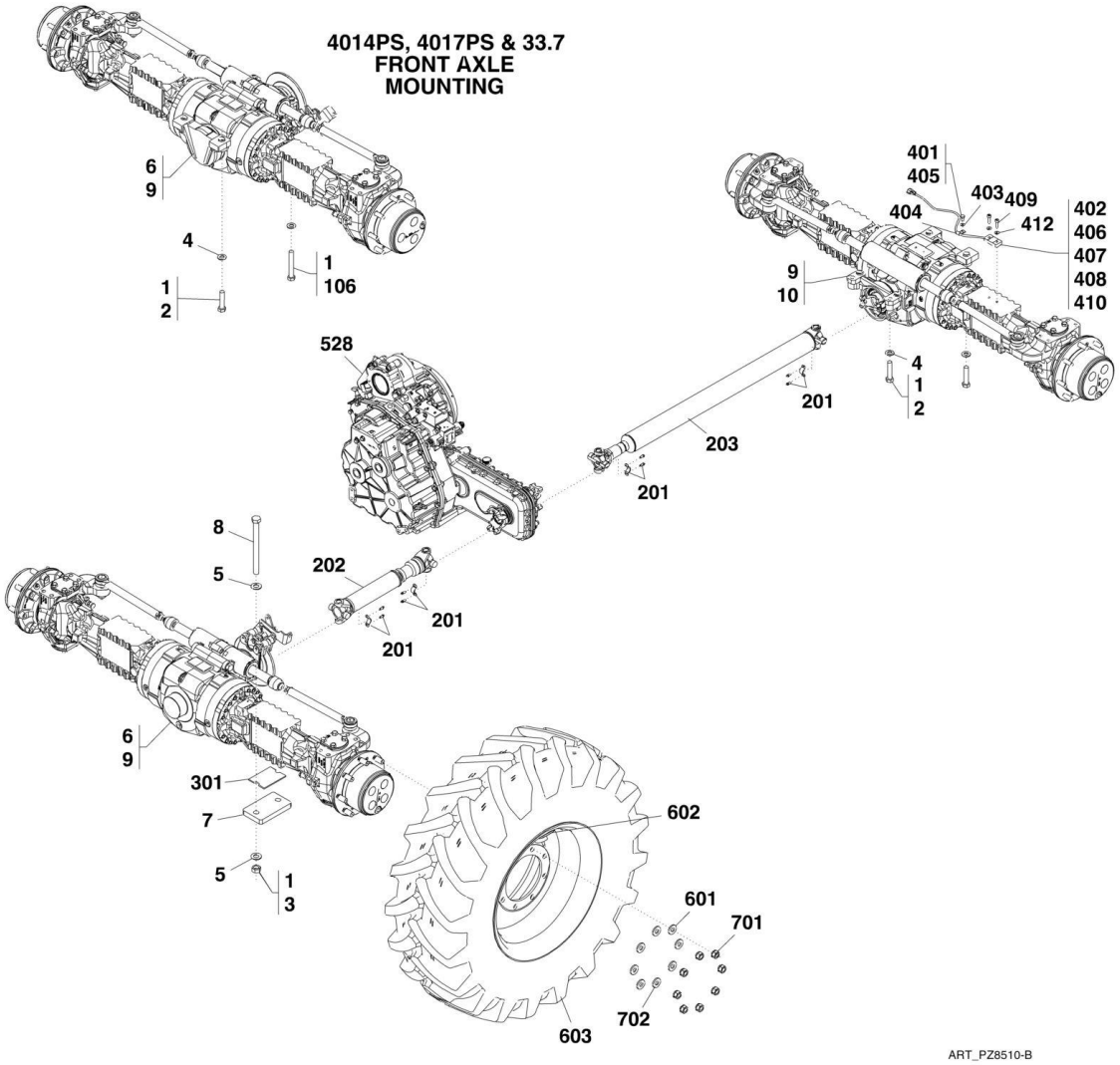


FIGURE 5-1. DRIVE TRAIN COMPONENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145208	Ref	AXLE INSTALLATION (not available to order, see items 1 thru 10 & 601 for service) (33.7,37.6,37.7,3706PS,3707PS)	C
	1001145209	Ref	AXLE INSTALLATION (Mechanical Park Brake) (not available to order, see items 1, 2, 4, 6, 9, 10, 106 & 601 for service) (4014PS)	C
	1001153394	Ref	AXLE INSTALLATION (Hydraulic Park Brake) (not available to order, see items 1, 2, 4, 6, 9, 10 & 601 for service) (4014PS)	C
	1001145210	Ref	AXLE INSTALLATION (Mechanical Park Brake) (not available to order, see items 1, 2, 4, 6, 9, 10, 106, 701 & 702 for service) (4017PS)	C
	1001153395	Ref	AXLE INSTALLATION (Hydraulic Park Brake) (not available to order, see items 1, 2, 4, 6, 9, 10, 701 & 702 for service) (4017PS)	D
1	0100019	AR	LOCTITE 271	
2	0712026	6	HEX HD CAPSCREW, M20X90, GR10.9 (37.6,37.7,3706PS,3707PS)	
2	0712026	8	HEX HD CAPSCREW, M20X90, GR10.9, (torque to 550 Nm/405.65 lb-ft) (Mechanical Park Brake)	
2	0712026	10	HEX HD CAPSCREW, M20X90, GR10.9, (torque to 550 Nm/405.65 lb-ft) (Hydraulic Park Brake)	
3	3332411	4	HEX NUT, M24X3, (torque to 780-820 Nm/575.29-604.8 lb-ft)	
4	1001197130	6	HARDENED WASHER, 20mm (33.7,37.6,37.7,3706PS,3707PS)	
4	1001197130	10	HARDENED WASHER, 20mm (4014PS,4017PS)	
5	5242400	8	HARDENED WASHER, 24mm	
6	1001008462	AR	MULTIPURPOSE GREASE	
7	1001092164	2	AXLE PLATE CLAMP	
8	1001108930	4	HEX HD CAPSCREW, M24X290, GR10.9	
9		Ref	FRONT AXLE, (Mechanical Park Brake), (See FRONT AXLE ASSEMBLY for Breakdown)	
9		Ref	FRONT AXLE, (Hydraulic Park Brake), (See FRONT AXLE ASSEMBLY, (HYDRAULIC PARK BRAKE) for Breakdown)	
10		Ref	REAR AXLE, (Mechanical Park Brake), (See REAR AXLE ASSEMBLY for Breakdown)	
10		Ref	REAR AXLE, (Hydraulic Park Brake), (See REAR AXLE ASSEMBLY, (HYDRAULIC PARK BRAKE) for Breakdown)	
106	0712031	2	HEX HD CAPSCREW, M20X140, GR10.9, (torque to 550 Nm/405.65 lb-ft)	
	1001127872	Ref	DRIVE SHAFT INSTALLATION (includes items 201 thru 203) (37.6,3706PS)	B
	1001127596	Ref	DRIVE SHAFT INSTALLATION (includes items 201 thru 203) (33.7,37.7,3707PS)	B
	1001127021	Ref	DRIVE SHAFT INSTALLATION (includes items 201 thru 203) (4014PS,4017PS)	C
	1001155573	Ref	DRIVE SHAFT INSTALLATION (AUS) (includes items 201 thru 203) (4014PS,4017PS)	A
201	8005079	8	UNIVERSAL CLAMP SET, (torque to 42 Nm/30.97 lb-ft)	
202	1001127870	1	FRONT SHAFT (37.6,3706PS)	
202	1001121345	1	FRONT SHAFT (33.7,37.7,3707PS)	
202	1001133153	1	FRONT SHAFT (4014PS,4017PS)	
202	1001153761	1	FRONT SHAFT (4014PS,4017PS)	
203	1001137321	1	REAR SHAFT (37.6,3706PS)	
203	1001137322	1	REAR SHAFT (33.7,37.7,3707PS)	
203	1001137323	1	REAR SHAFT (4014PS,4017PS)	
	1001108663	1	AXLE SHIM INSTALLATION (if equipped) (includes item 301) (33.7,37.6,37.7,3706PS,3707PS)	A
301	1001108639	1	AXLE SHIM PLATE	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
401		Ref	LMI SENSOR INSTALLATION, (See ELECTRICAL SECTION for Breakdown)	E
528		Ref	TRANSMISSION, (See TRANSMISSION for Breakdown)	
601	1001007215	1	FASTENER GROUP, (includes items 701 & 702)	B
602	8005827	4	LABEL, 4.0 BAR	
602	1001112924	4	LABEL, 4.25 BAR (33.7,37.6,37.7,3706PS,3707PS)	
602	1001112924	4	LABEL, 4.25 BAR (4014PS) **(Prior to SN 1160008321)**	
602	1001154265	4	LABEL, 4.75 BAR (4014PS) **(SN 1160008321 to Present)**	
602	1001112923	4	LABEL, 5.25 BAR	
602	1706373	4	LABEL, 4.5 BAR	
602	1001191885	4	LABEL, 5.0 BAR	
603		Ref	WHEEL, (See TIRES AND WHEELS INSTALLATION Breakdown)	
701	1001004210	32	HEX NUT (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
701	3300479	40	WHEEL NUT, M22X1.5 (4017PS)	
702	1001009146	32	HARD WASHER (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
702	1001114802	40	HARD WASHER (4017PS)	

FIGURE 5-2. FRONT AXLE ASSEMBLY

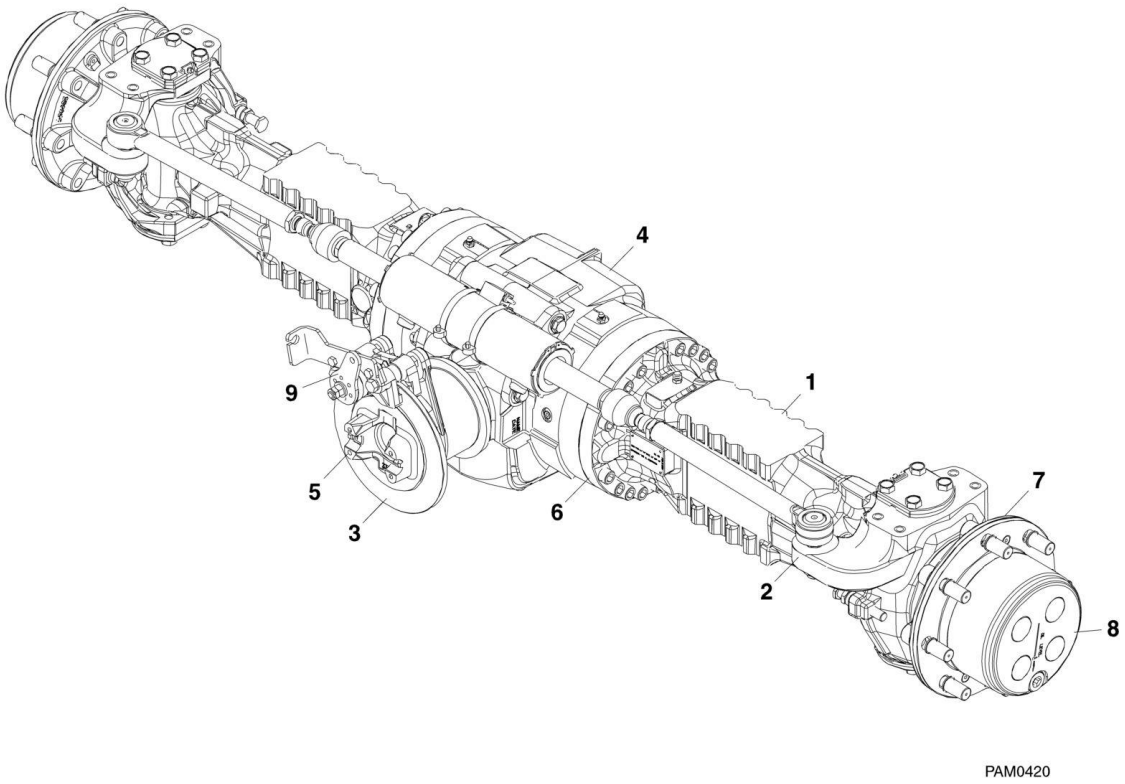


FIGURE 5-2. FRONT AXLE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145027	1	FRONT AXLE (includes items 1 thru 9) (33.7,37.6,37.7,3706PS,3707PS)	B
	1001145029	1	FRONT AXLE (Mechanical Park Brake) (includes items 1 thru 9) (4014PS)	B
	1001145031	1	FRONT AXLE (Mechanical Park Brake) (includes items 1 thru 9) (4017PS)	A
1		Ref	AXLE HOUSING, (See FRONT AXLE HOUSING for Breakdown)	
2		Ref	SWIVEL HOUSING AND STEERING CYLINDER, (See FRONT SWIVEL HOUSING AND STEERING CYLINDER for Breakdown)	
3		Ref	BEVEL GEAR SET, (See FRONT AXLE - BEVEL GEAR SET for Breakdown)	
4		Ref	DIFFERENTIAL, (See FRONT AXLE - DIFFERENTIAL for Breakdown)	
5		Ref	DOUBLE U-JOINT, (See FRONT AXLE - DOUBLE U-JOINT for Breakdown)	
6		Ref	BRAKES, (See FRONT AXLE - BRAKES for Breakdown)	
7		Ref	WHEEL HUB, (See FRONT AXLE - WHEEL HUB for Breakdown)	
8		Ref	FINAL REDUCTION, (See FRONT AXLE - FINAL REDUCTION for Breakdown)	
9		Ref	BRAKE CALIPER, (See FRONT AXLE - BRAKE CALIPER for Breakdown)	

FIGURE 5-3. FRONT AXLE - HOUSING (33.7,37.6,37.7,3706PS,3707PS)

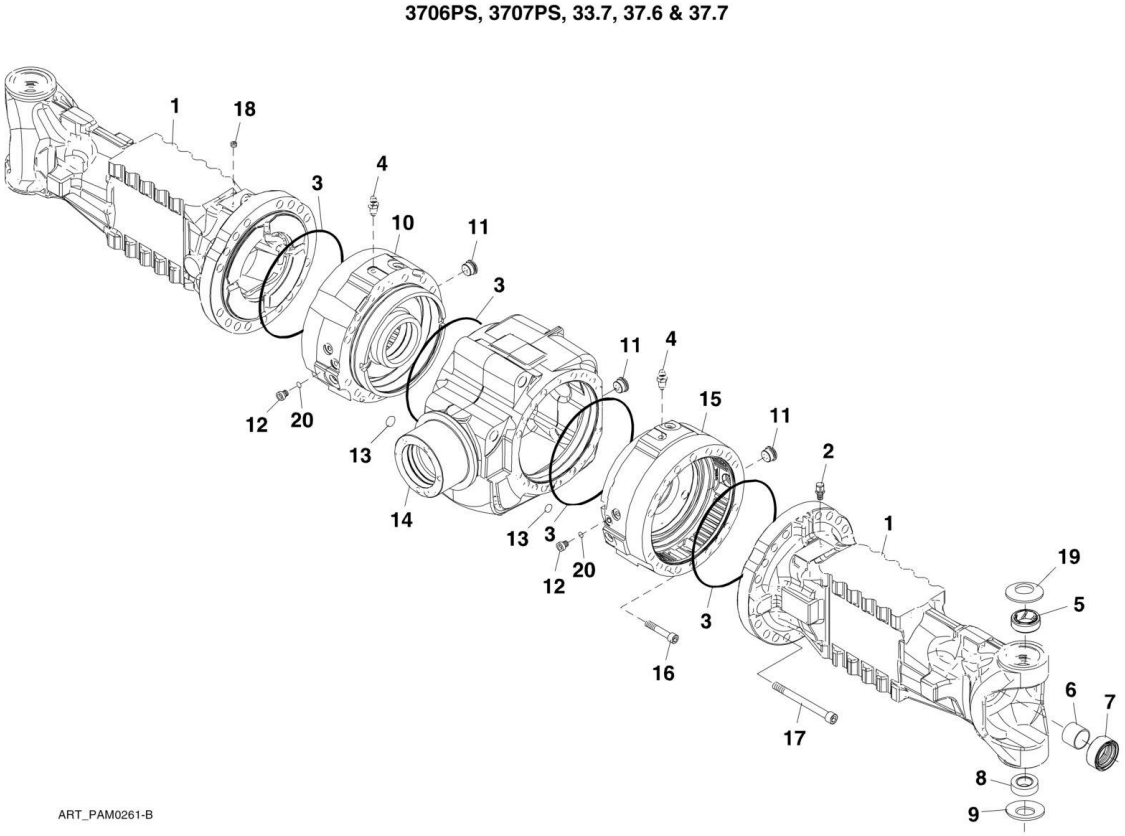


FIGURE 5-3. FRONT AXLE - HOUSING (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70020985	2	LEG HOUSING	
2	91474058	1	BREATHER, M10X1	
3	91474038	4	O-RING	
4	91474039	2	BREATHER	
5	91474053	2	BUSHING	
6	91474054	2	BUSHING	
7	91474055	2	SEAL RING	
8	91474056	2	SPHERICAL BEARING	
9	91474057	2	BELLEVILLE WASHING	
10	70020936	1	LH BRAKE CYLINDER	
11	91474037	3	PLUG, M30X2	
12	91364039	2	PLUG, M30X2	
13	91474068	2	O-RING	
14	70020937	1	CENTRAL BODY	
15	70020938	1	RH BRAKE CYLINDER	
16	91474050	2	BOLT, M12X110	
17	91364028	34	BOLT, M16X160	
18	91474041	1	PLUG, M10X1	
19	91474051	2	BELLEVILLE WASHER	
20	8033609	2	WASHER	

FIGURE 5-4. FRONT AXLE - HOUSING (4014PS,4017PS)

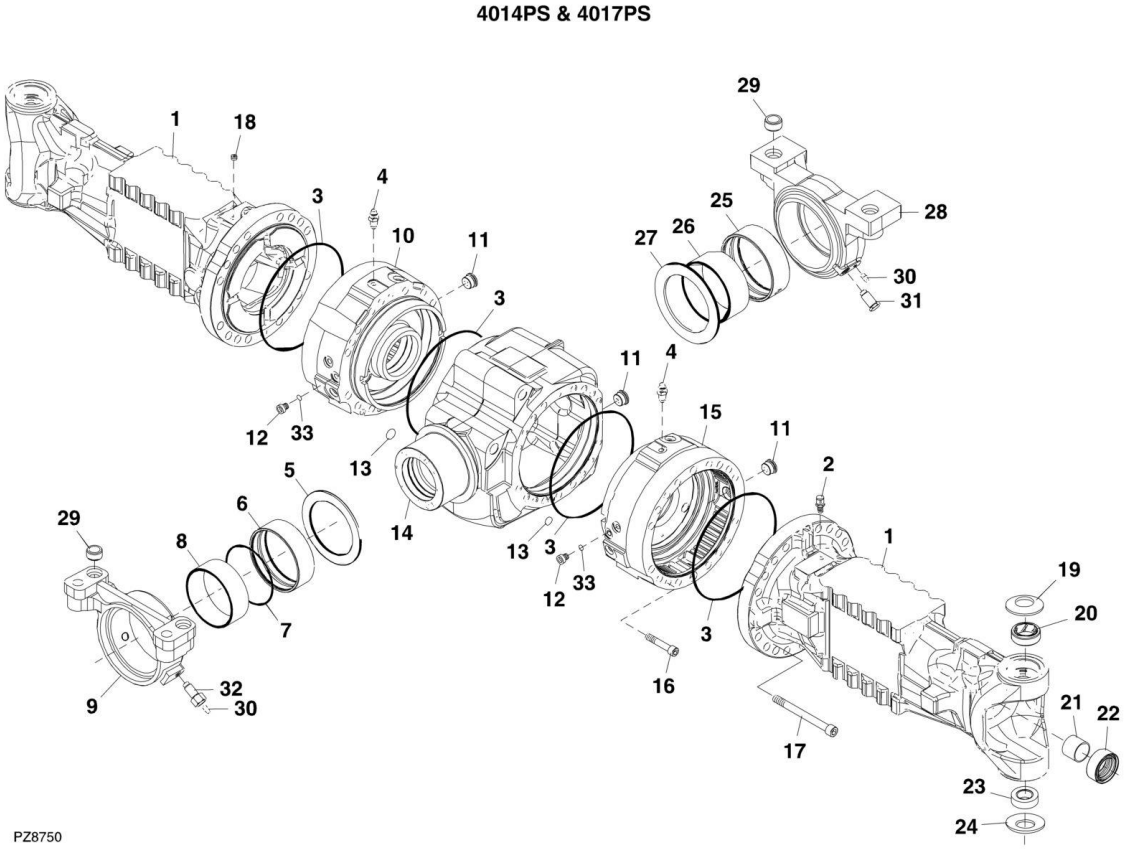


FIGURE 5-4. FRONT AXLE - HOUSING (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70020985	2	HOUSING (4014PS)	
1	70021005	2	HOUSING (4017PS)	
2	91474058	1	BREATHER	
3	91474038	4	O-RING	
4	91474039	2	BREATHER	
5	70020996	1	THRUST WASHER	
6	70020997	1	BUSH	
7	70020998	1	O-RING	
8	70020999	1	BUSH	
9	70021000	1	REAR SUPPORT	
10	70020936	1	LH BRAKE CYLINDE	
11	91474037	1	PLUG	
12	91364039	2	PLUG	
13	91474068	2	O-RING	
14	70020937	1	CENTRAL BODY	
15	70020938	1	RH BRAKE CYLINDER	
16	91474050	2	BOLT, M12X110	
17	91364028	34	BOLT, M16X160	
18	91474041	1	PLUG	
19	91474051	2	BELLEVILLE WASHER	
20	91474053	2	BUSH	
21	91474054	2	BUSH	
22	91474055	2	SEAL RING	
23	91474056	2	SPHERICAL BEARING	
24	91474057	2	BELLEVILLE WASHER	
25	91474047	1	BUSH	
26	91474048	1	BUSH	
27	7028466	1	THRUST WASHER	
28	91474044	1	FRONT SUPPORT	
29	91474043	4	BUSH	
30	91474045	2	GREASER NIPPLE M8X1	
31	91474046	1	BOLT, M16	
32	91474073	1	BOLT	
33	8033609	2	WASHER	

FIGURE 5-5. FRONT AXLE - SWIVEL HOUSING AND STEERING CYLINDER

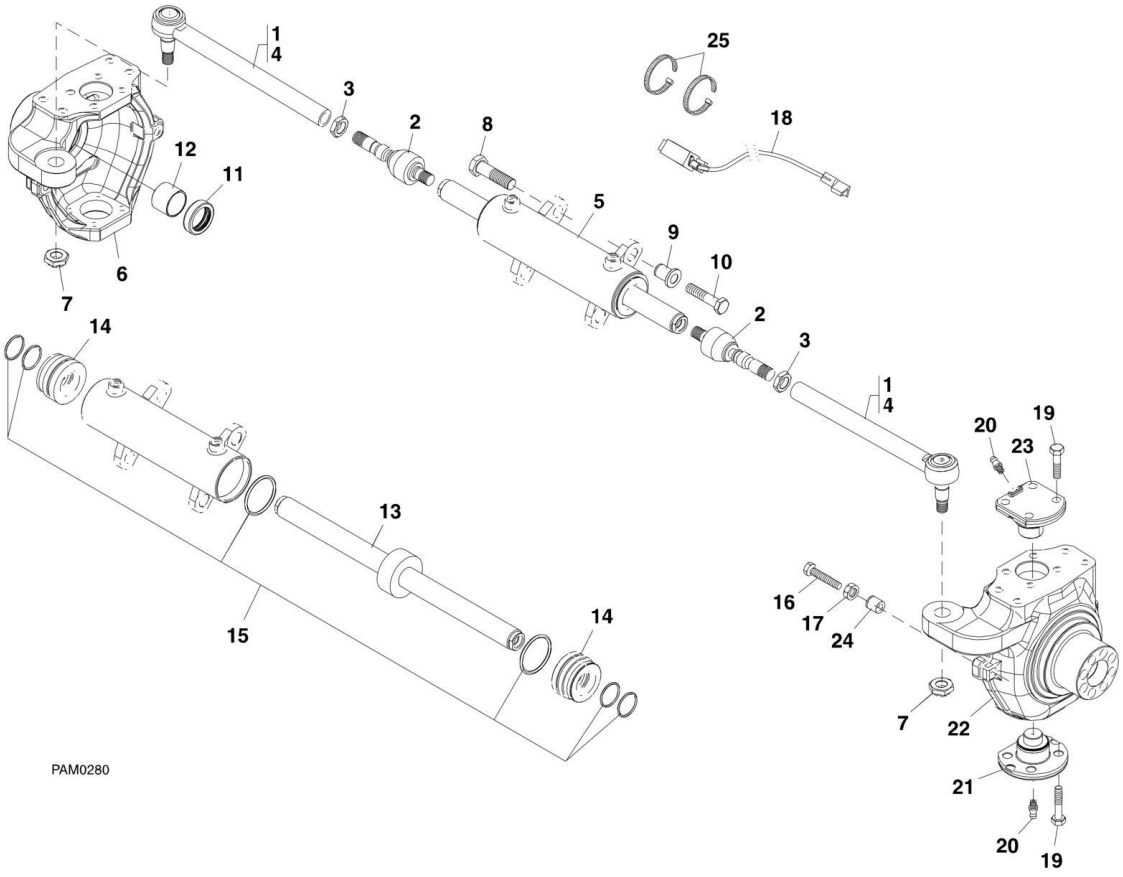


FIGURE 5-5. FRONT AXLE - SWIVEL HOUSING AND STEERING CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70020939	2	STEERING ARM ASSY (includes items 2 thru 4) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
1	70025914	2	STEERING ARM ASSY (4017PS)	
2	91474077	2	BALL JOINT (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
2	70021007	2	BALL JOINT (4017PS)	
3	91474078	2	NUT, M24X1.5 (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
3	70021008	2	NUT, M24X1.5 (4017PS)	
4	70020940	2	TIE ROD (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
4	70022149	2	TIE ROD (4017PS)	
5	70020941	1	STEERING CYLINDER (includes 13 thru 15) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
5	70021010	1	STEERING CYLINDER (includes 13 thru 15) (4017PS)	
6	70020942	1	LH SWIVEL HOUSING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
6	70021011	1	LH SWIVEL HOUSING (4017PS)	
7	91474082	2	NUT, M24X1.5 (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
7	70025913	1	NUT, M27X1.5 (4017PS)	
8	91474083	2	BOLT, M22X55	
9	91474084	2	BUSHING	
10	91474085	2	BOLT, M14X1.5X65	
11	91474086	2	SEAL RING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
11	70022150	2	SEAL RING (4017PS)	
12	91474087	2	BUSHING	
13	70022154	1	ROD (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
13	70021833	1	ROD (4017PS)	
14	70020944	2	CYLINDER HEAD (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
14	70021832	2	CYLINDER HEAD (4017PS)	
15	70020945	1	SEAL KIT (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
15	70021831	1	SEAL KIT (4017PS)	
16	91474091	4	BOLT, M16X75	
17	91474092	4	NUT, M16	
18	1001113287	1	SENSOR	
19	91474094	16	BOLT, M16X38	
20	91474095	4	GREASE FITTING, M6X1	
21	91474096	2	KING PIN	
22	70020947	1	RH SWIVEL HOUSING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
22	70021015	1	RH SWIVEL HOUSING (4017PS)	
23	91474093	2	KING PIN	
24	70020986	4	BUSHING	
25	70021002	2	CLAMP (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
25	70021016	2	CLAMP (4017PS)	

FIGURE 5-6. FRONT AXLE - BEVEL GEAR SET

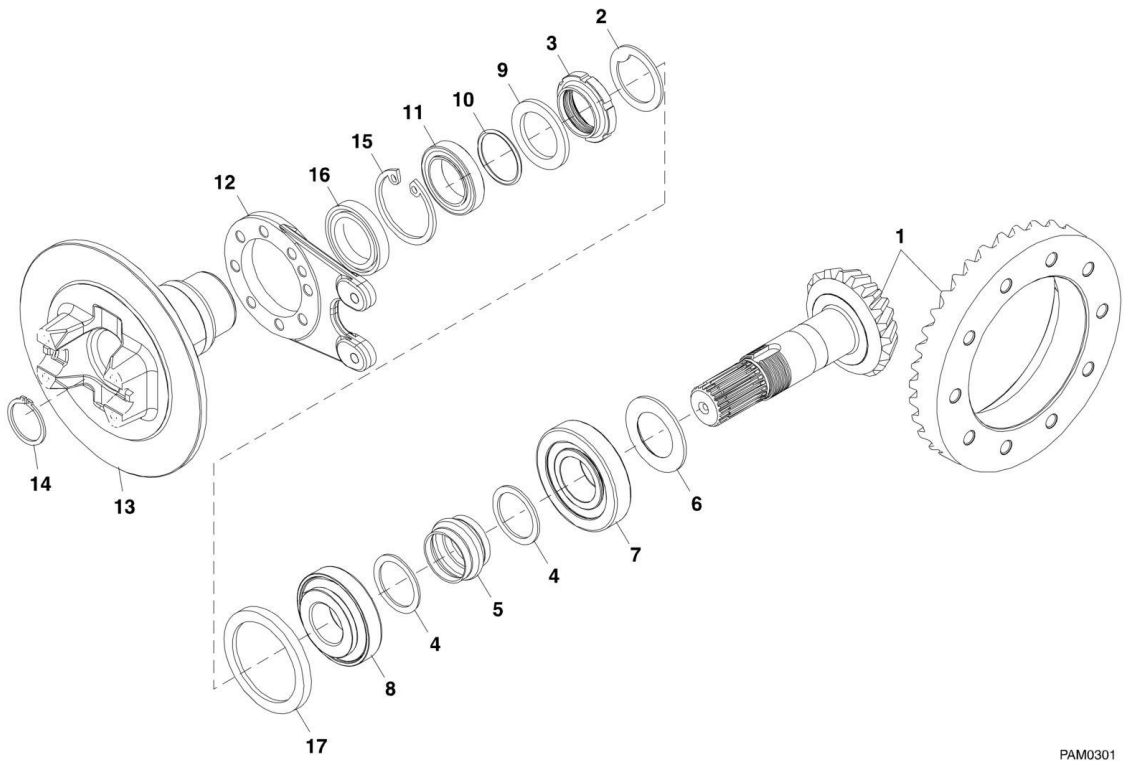


FIGURE 5-6. FRONT AXLE - BEVEL GEAR SET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70020948	1	BEVEL GEAR SET (includes items 2 thru 5) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
1	70021017	1	BEVEL GEAR SET (includes items 2 thru 5) (4017PS)	
2	91474100	1	LOCKWASHER	
3	91474101	1	RING NUT, M40X1.5	
4	91474102	2	WASHER	
5	70020949	1	COLLAPSIBLE SPACER (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
5	70021018	1	COLLAPSIBLE SPACER (4017PS)	
6	70020950	AR	SHIM 2.50mm	
6	70020951	AR	SHIM 2.60mm	
6	70020952	AR	SHIM 2.70mm	
6	70020953	AR	SHIM 2.80mm	
6	70020954	AR	SHIM 2.90mm	
6	70020955	AR	SHIM 3.00mm	
6	70020956	AR	SHIM 3.10mm	
6	70020957	AR	SHIM 3.20mm	
6	70020958	AR	SHIM 3.30mm	
6	70020959	AR	SHIM 3.40mm	
7	91364070	1	BEARING	
8	7028403	1	BEARING	
9	91474115	1	WASHER	
10	91474116	1	O-RING	
11	70020960	1	SEAL RING	
12	70022155	1	FLANGE (33.7,37.6,37.7,3706PS,3707PS)	
12	70020961	1	FLANGE (4014PS,4017PS)	
13	70020962	1	FLANGE	
14	91474119	1	SNAP RING	
15	70020963	1	SNAP RING	
16	70020964	1	BEARING	
17	70020992	1	SPACER (33.7,37.6,37.7,3706PS,3707PS,4014PS)	

FIGURE 5-7. FRONT AXLE - DIFFERENTIAL

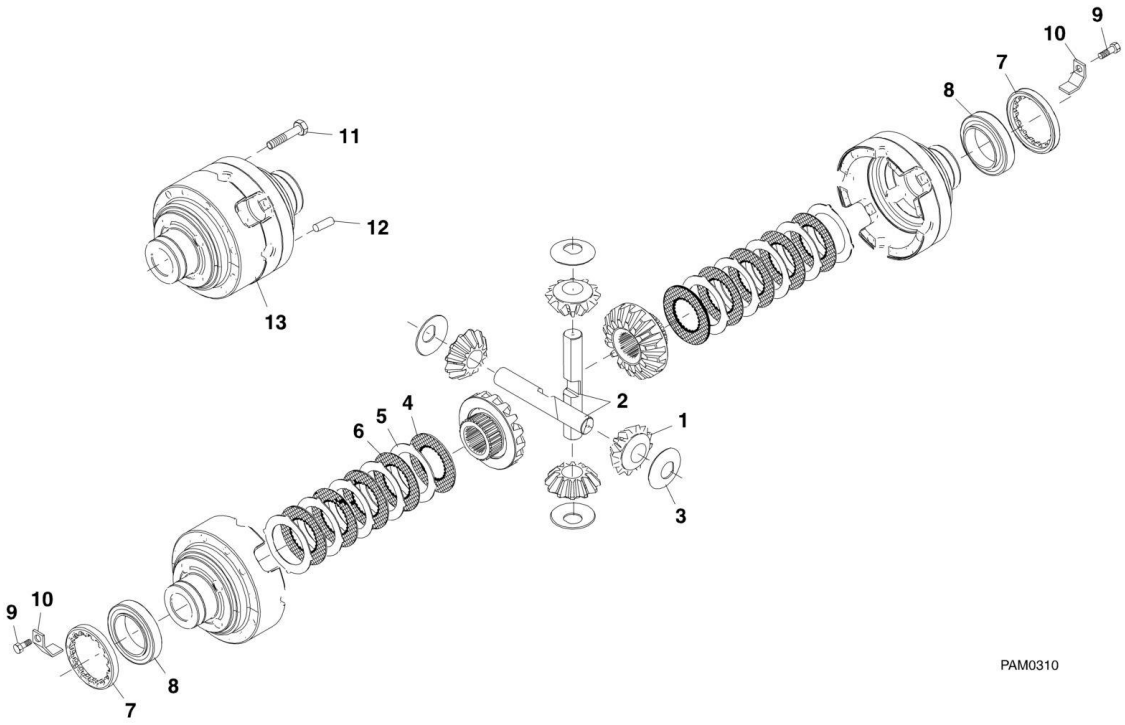


FIGURE 5-7. FRONT AXLE - DIFFERENTIAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70020965	1	DIFFERENTIAL KIT, (includes items 2 & 3)	
2	70020966	2	SHAFT	
3	91364054	4	THRUST WASHER	
4	91364056	2	DIFFERENTIAL PLATE	
5	91364052	10	DIFFERENTIAL DRIVE PLATE	
6	91364053	8	DIFFERENTIAL PLATE	
7	91474128	1	RING NUT, M94X2	
8	91364050	2	BEARING	
9	8035180	2	BOLT, M12X90	
10	91474126	2	LOCKING PLATE	
11	91364048	10	BOLT, M12X90	
12	91364049	1	PIN, D12X40	
13	70020967	1	DIFFERENTIAL HOUSING	

FIGURE 5-8. FRONT AXLE - DOUBLE U-JOINT

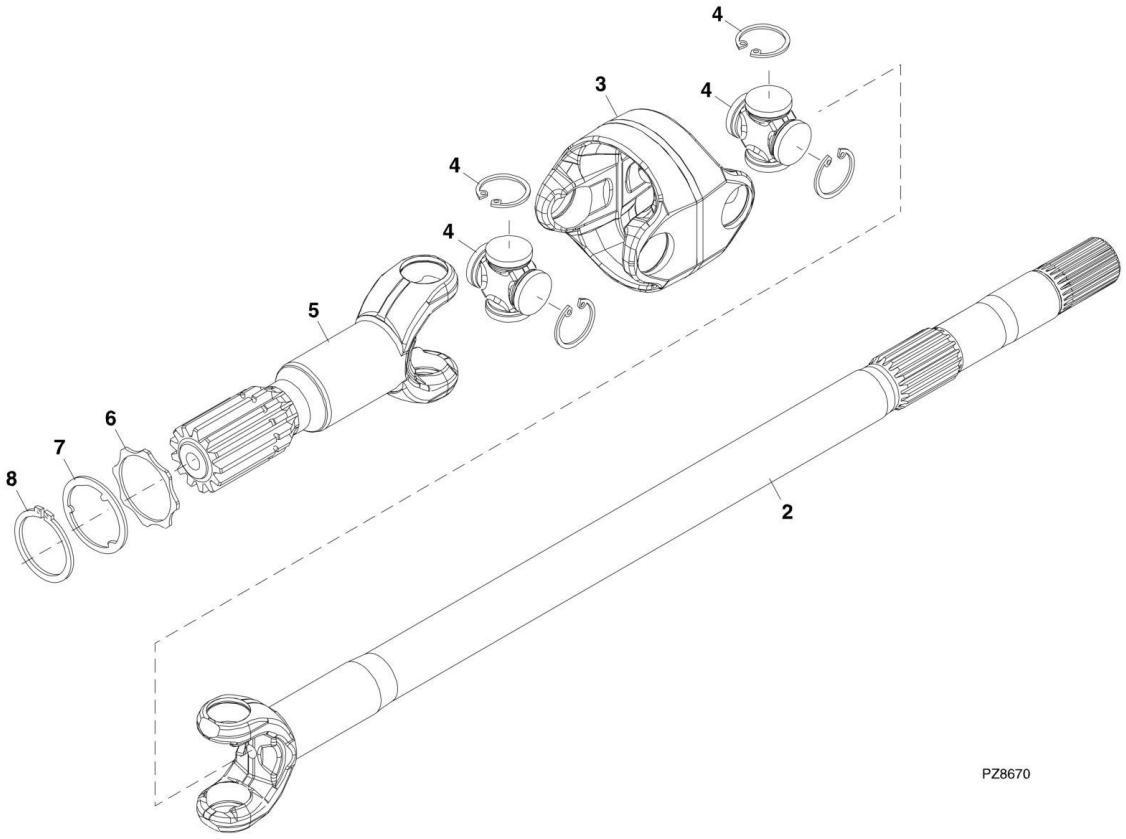


FIGURE 5-8. FRONT AXLE - DOUBLE U-JOINT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70020968	2	DOUBLE JOINT (includes items 2 thru 6) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
1	70021019	2	DOUBLE JOINT (includes items 2 thru 6) (4017PS)	
2	70025875	2	FORK (differential side) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
2	70021032	2	FORK (differential side) (4017PS)	
3	8035189	2	CENTRAL BODY (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
3	7029834	2	CENTRAL BODY (4017PS)	
4	8035190	1	SPIDER ASSEMBLY, (Includes Item 5)	
5		Ref	LOCK RING	
6		Ref	FORK, (wheel side)	
7	70020969	2	THRUST WASHER (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
7	70021020	2	THRUST WASHER (4017PS)	
8	70022080	2	WASHER (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
8	70021021	2	WASHER (4017PS)	
9	70022081	2	SNAP RING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
9	70021022	2	SNAP RING (4017PS)	

FIGURE 5-9. FRONT AXLE - BRAKES

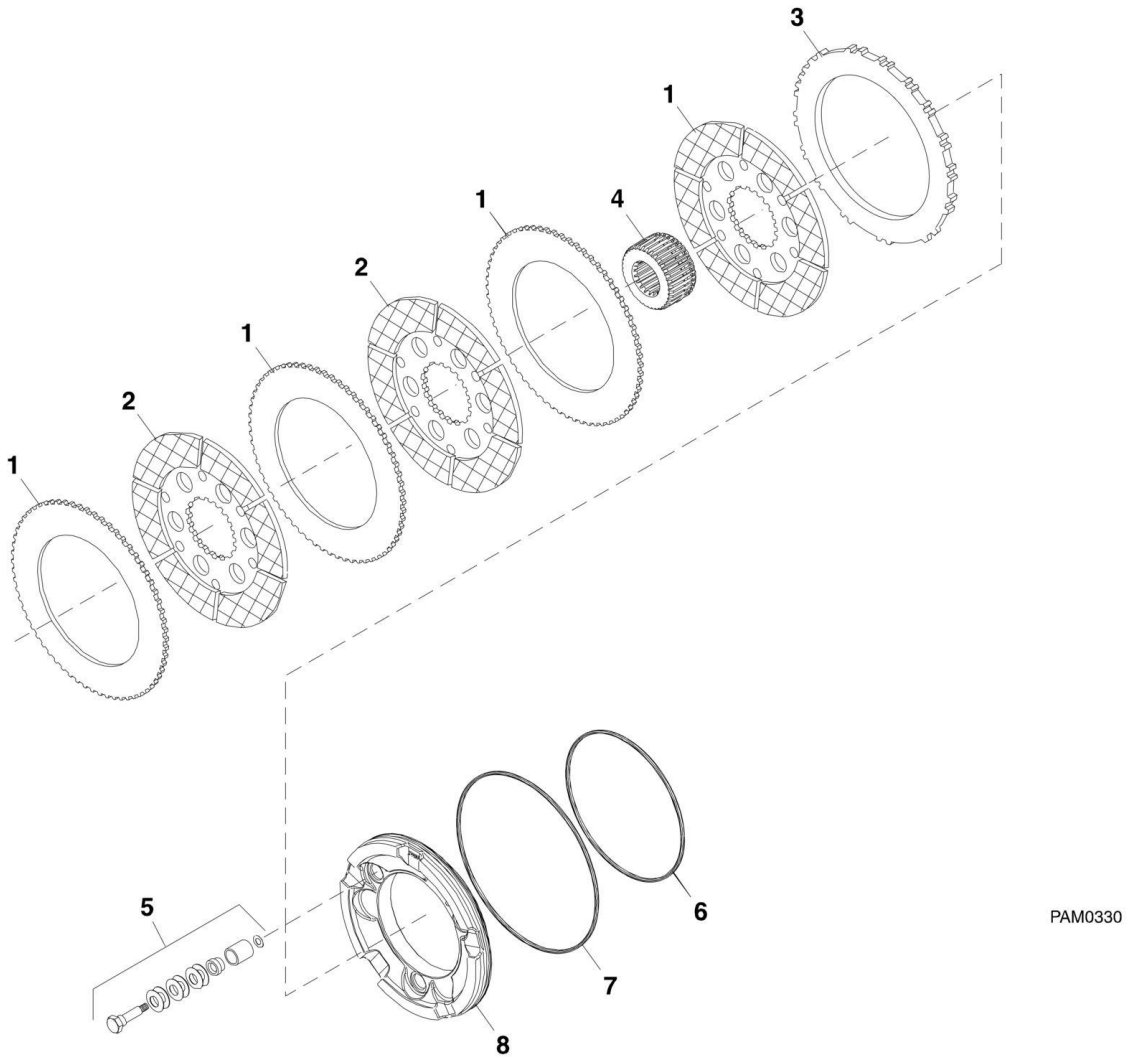


FIGURE 5-9. FRONT AXLE - BRAKES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	91474141	6	DRIVE PLATE	
2	70022082	6	BRAKE DISC	
3	91474139	2	BRAKE COUNTER DISC	
4	91474142	2	HUB	
5	91474152	2	SELF ADJUST KIT	
6	91474136	2	O-RING	
7	91474137	2	O-RING	
8	91474138	2	POSITIVE BRAKE PISTON	

FIGURE 5-10. FRONT AXLE - WHEEL HUB

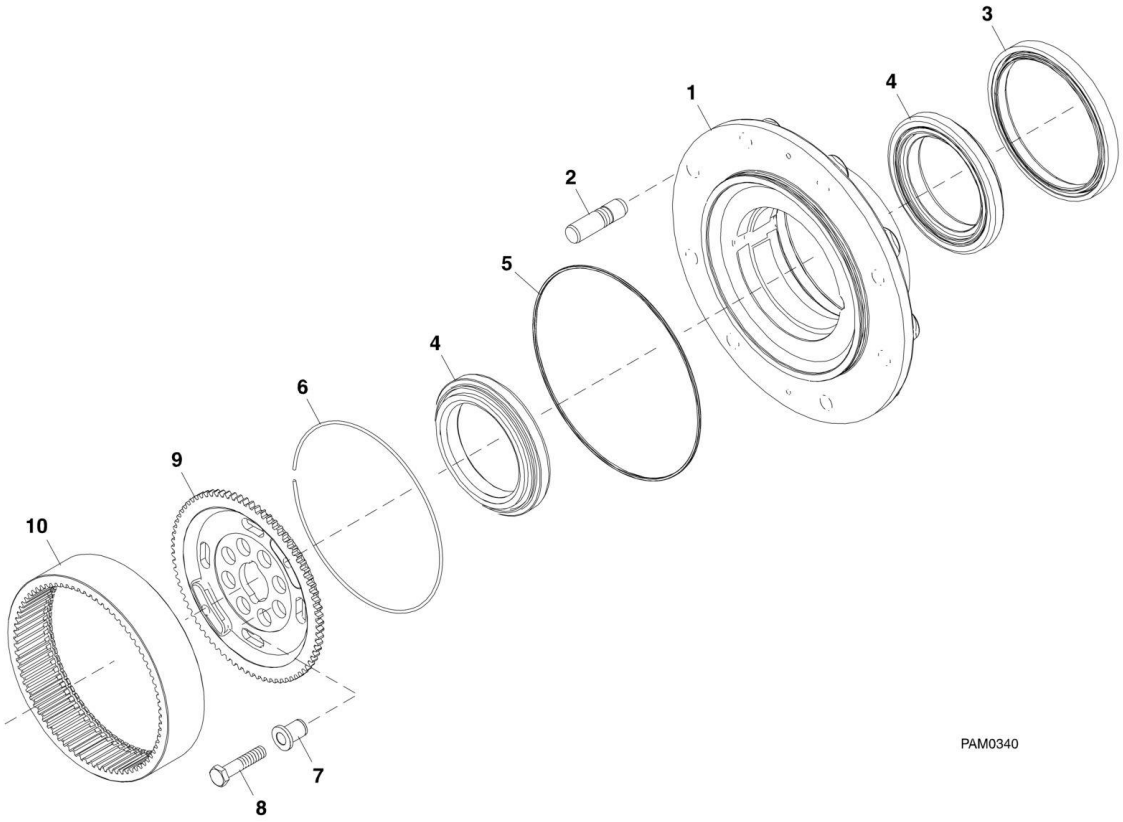


FIGURE 5-10. FRONT AXLE - WHEEL HUB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70020972	2	WHEEL HUB KIT (includes item 2) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
1	70021023	2	WHEEL HUB KIT (includes item 2) (4017PS)	
2	70020973	16	STUD (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
2	70021024	16	STUD (4017PS)	
3	70020974	2	SEAL RING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
3	70021025	2	SEAL RING (4017PS)	
4	7028421	4	BEARING	
5	70022083	2	O-RING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
5	91474155	2	O-RING (4017PS)	
6	7028423	2	SNAP RING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
6	91474157	2	SNAP RING (4017PS)	
7	91474160	16	CENTERING BUSHING	
8	91474085	16	BOLT, M14X65	
9	7028417	2	WHEEL CARRIER (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
9	70021027	2	WHEEL CARRIER (4017PS)	
10	70020976	2	CROWN GEAR (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
10	70021028	2	CROWN GEAR (4017PS)	

FIGURE 5-11. FRONT AXLE - FINAL REDUCTION

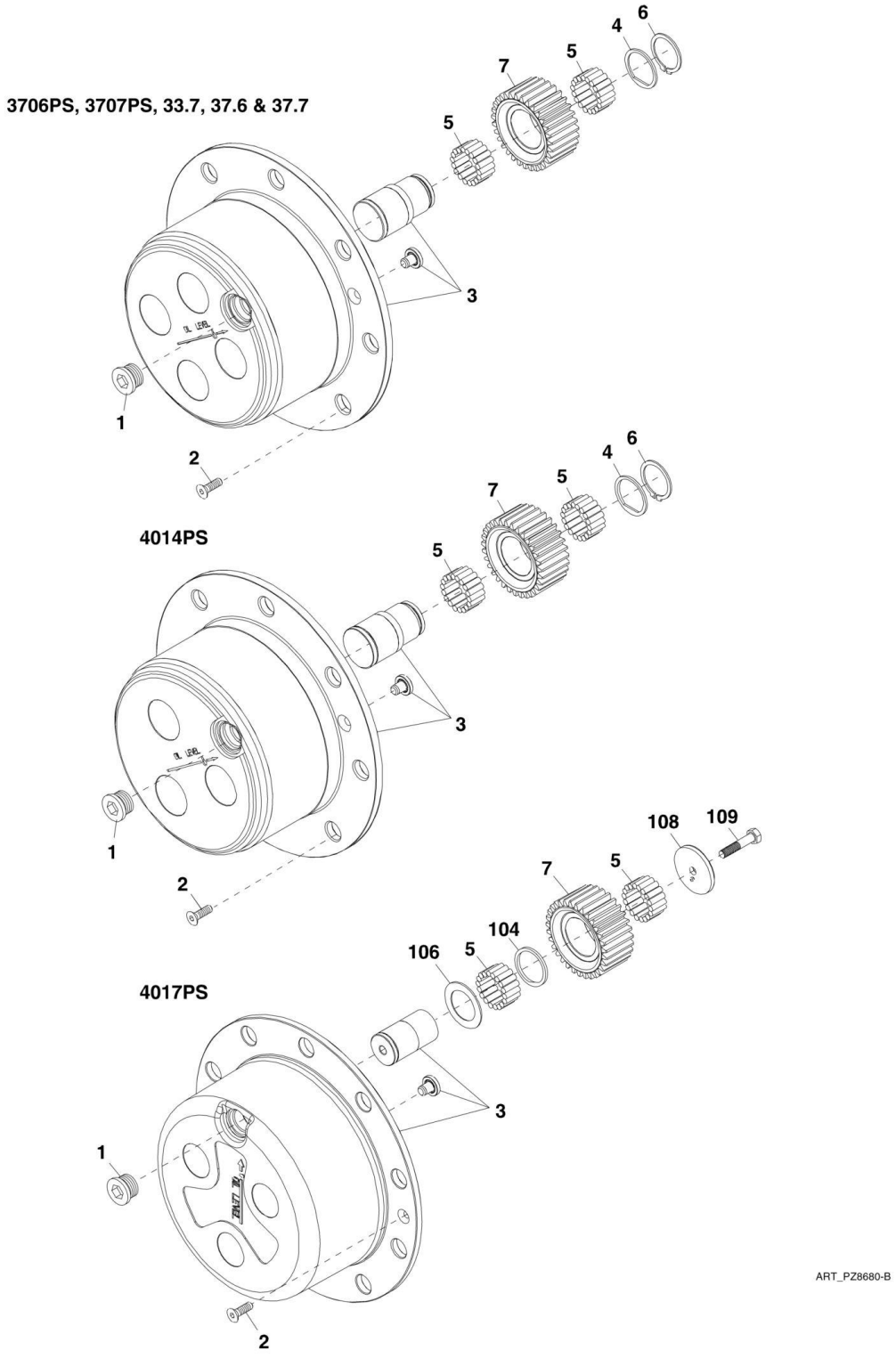


FIGURE 5-11. FRONT AXLE - FINAL REDUCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	91474037	2	PLUG	
2	8035235	4	BOLT, M8X20	
3	70020977	2	PLANETARY CARRIER ASSY (33.7,37.6,37.7,3706PS,3707PS)	
3	70021001	2	PLANETARY CARRIER ASSY (4014PS,4017PS)	
4	7028509	8	THRUST WASHER (33.7,37.6,37.7,3706PS,3707PS)	
4	7028509	6	THRUST WASHER (4014PS)	
5	91474163	160	NEEDLE BEARING, (33.6 per gear) (4014PS)	
5	91364093	160	NEEDLE BEARING, (37.2 per gear) (4017PS)	
5	91474163	200	NEEDLE BEARING (44.8 per gear) (33.7,37.6,37.7,3706PS,3707PS)	
6	7028508	8	SNAP RING (33.7,37.6,37.7,3706PS,3707PS)	
6	7028508	6	SNAP RING (4014PS)	
7	7028510	8	GEAR (33.7,37.6,37.7,3706PS,3707PS)	
7	7028510	6	GEAR (4014PS)	
7	91364094	6	GEAR (4017PS)	
104	91364095	6	WASHER (4017PS)	
106	91364096	6	LOCKING THRUST WASHER (4017PS)	
108	70021030	6	THRUST WASHER (4017PS)	
109	91474162	6	BOLT, M10X50 (4017PS)	

FIGURE 5-12. FRONT AXLE - BRAKE CALIPER

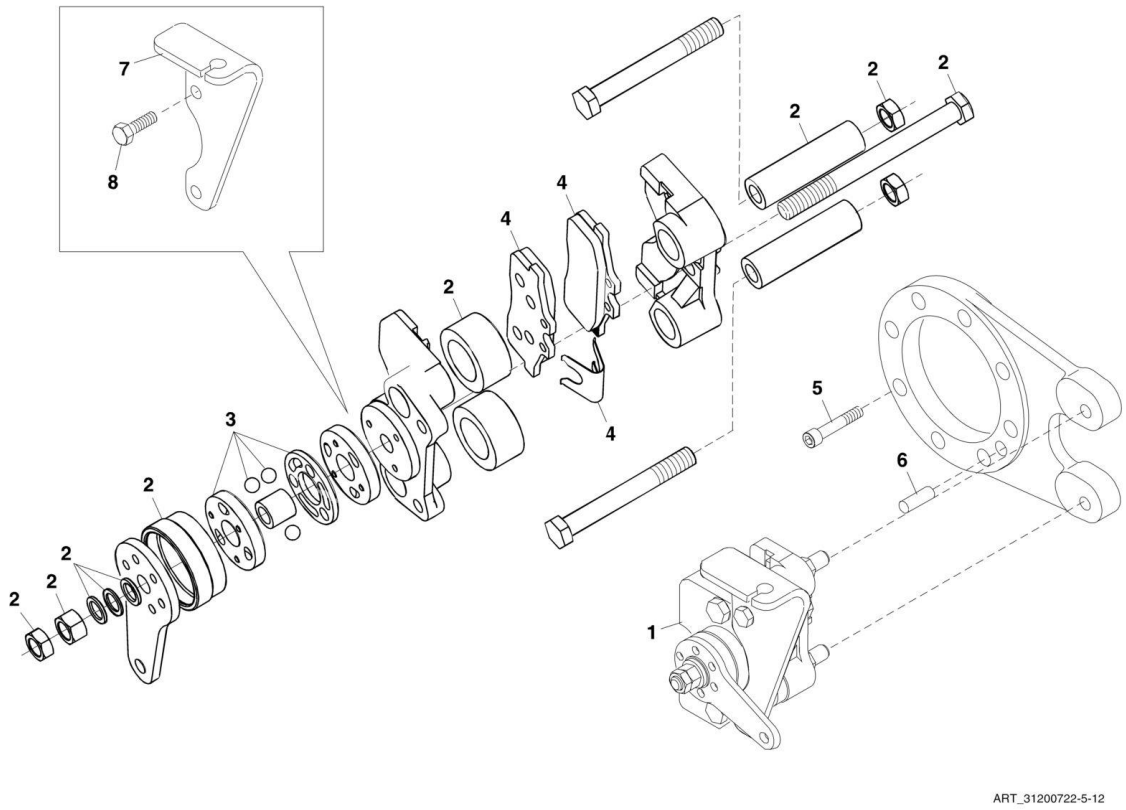


FIGURE 5-12. FRONT AXLE - BRAKE CALIPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70022156	1	BRAKE CALIPER (includes items 2 thru 4) (33.7,37.6,37.7,3706PS,3707PS)	
1	70022084	1	BRAKE CALIPER (includes items 2 thru 4) (4014PS,4017PS)	
2	70022086	1	BRAKE REPAIR KIT	
3	70020980	1	CAM REPAIR KIT (33.7,37.6,37.7,3706PS,3707PS)	
3	70022085	1	CAM REPAIR KIT (4014PS,4017PS)	
4	70022148	1	PAD KIT	
5	70020952	8	BOLT, M12X35	
6	91364078	1	PIN, 12X25	
7	70020983	1	SUPPORT (33.7,37.6,37.7,3706PS,3707PS)	
7	70022087	1	SUPPORT (4014PS,4017PS)	
8	70020984	2	BOLT	

FIGURE 5-13. REAR AXLE ASSEMBLY

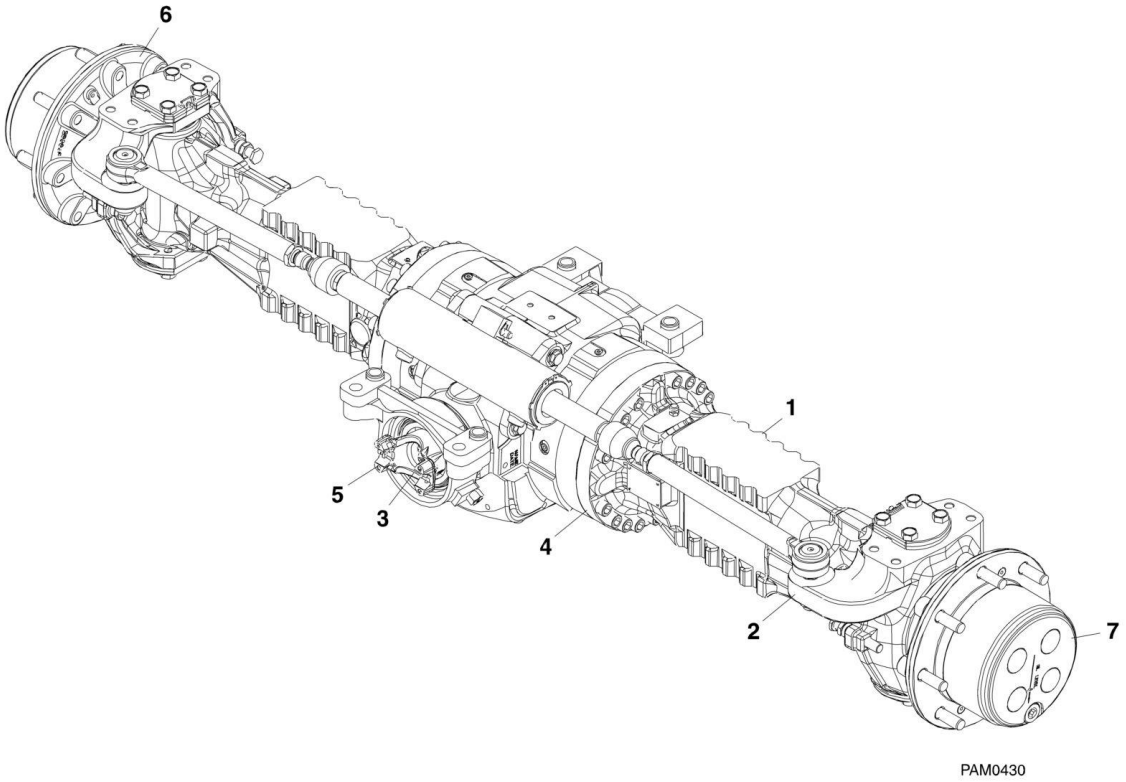


FIGURE 5-13. REAR AXLE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145028	1	REAR AXLE (includes items 1 thru 9) (33.7,37.6,37.7,3706PS,3707PS)	B
	1001145030	1	REAR AXLE (includes items 1 thru 9) (4014PS)	B
	1001145032	1	REAR AXLE (includes items 1 thru 9) (4017PS)	A
1		Ref	AXLE HOUSING, (See REAR AXLE - AXLE HOUSING for Breakdown)	
2		Ref	SWIVEL HOUSING AND STEERING CYLINDER, (See REAR AXLE - SWIVEL HOUSING AND STEERING CYLINDER for Breakdown)	
3		Ref	BEVEL GEAR SET, (See REAR AXLE - BEVEL GEAR SET for Breakdown)	
4		Ref	DIFFERENTIAL, (See REAR AXLE - DIFFERENTIAL for Breakdown)	
5		Ref	DOUBLE U-JOINT, (See REAR AXLE - DOUBLE U-JOINT for Breakdown)	
6		Ref	WHEEL HUB, (See REAR AXLE - WHEEL HUB for Breakdown)	
7		Ref	FINAL REDUCTION, (See REAR AXLE - FINAL REDUCTION for Breakdown)	

FIGURE 5-14. REAR AXLE - AXLE HOUSING

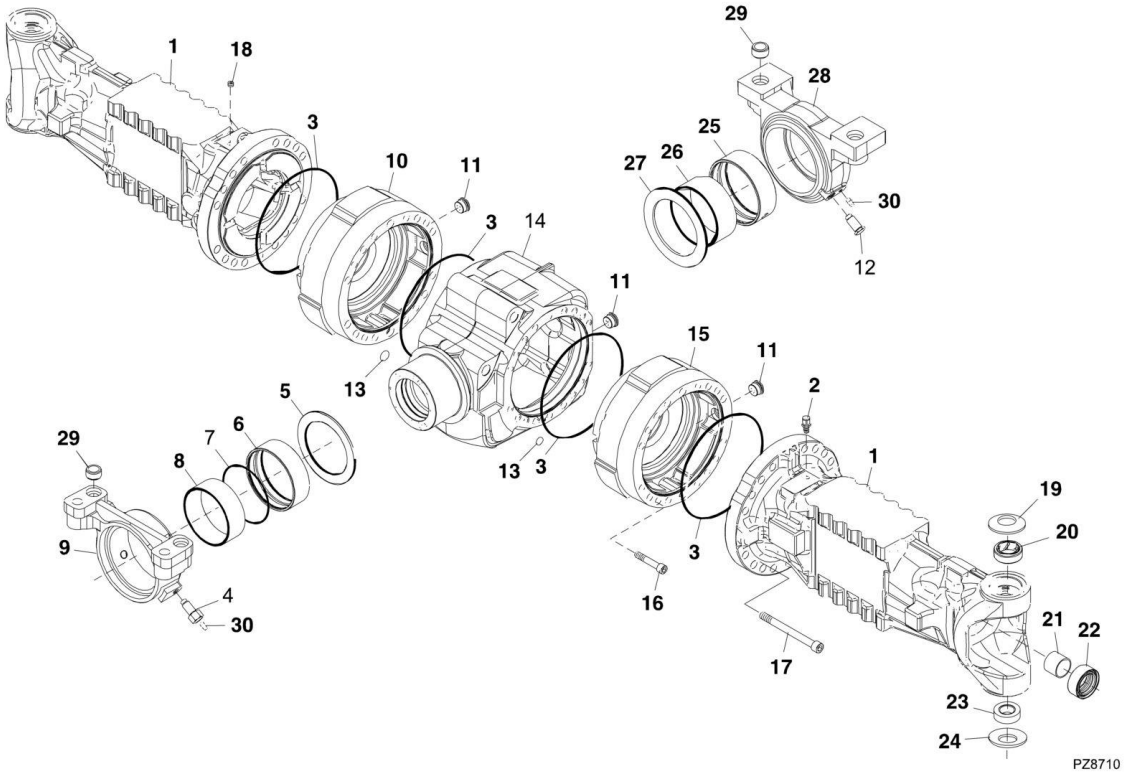


FIGURE 5-14. REAR AXLE - AXLE HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70020985	2	LEG HOUSING	
2	91474058	1	BREATHER, M10X1	
3	91474038	4	O-RING	
4	91474073	1	BOLT	
5	91474069	1	THRUST WASHER	
6	91474072	1	BUSHING	
7	91474071	1	O-RING	
8	8035118	1	BUSHING	
9	8035120	1	REAR SUPPORT	
10	70022151	1	RH BRAKE CYLINDER	
11	91474037	3	PLUG, M30X2	
12	91474046	1	BOLT, M16	
13	91474068	2	O-RING	
14	70022152	1	CENTRAL BODY	
15	70022153	1	LH BRAKE CYLINDER	
16	91474050	2	BOLT	
17	91364028	34	BOLT, M16X160	
18	91474041	1	PLUG, M10X1	
19	91474051	2	BELLEVILLE WASHER	
20	91474053	2	BUSHING	
21	91474054	2	BUSHING	
22	91474055	2	SEAL RING	
23	91474056	2	SPHERICAL BEARING	
24	91474057	2	BELLEVILLE WASHER	
25	91474047	1	BUSHING	
26	91474048	1	BUSHING	
27	7028466	1	THRUST WASHER	
28	91474044	1	FRONT SUPPORT	
29	91474043	4	BUSHING	
30	91474045	2	GREASE FITTING, M8X1	

FIGURE 5-15. REAR AXLE - SWIVEL HOUSING AND STEERING CYLINDER

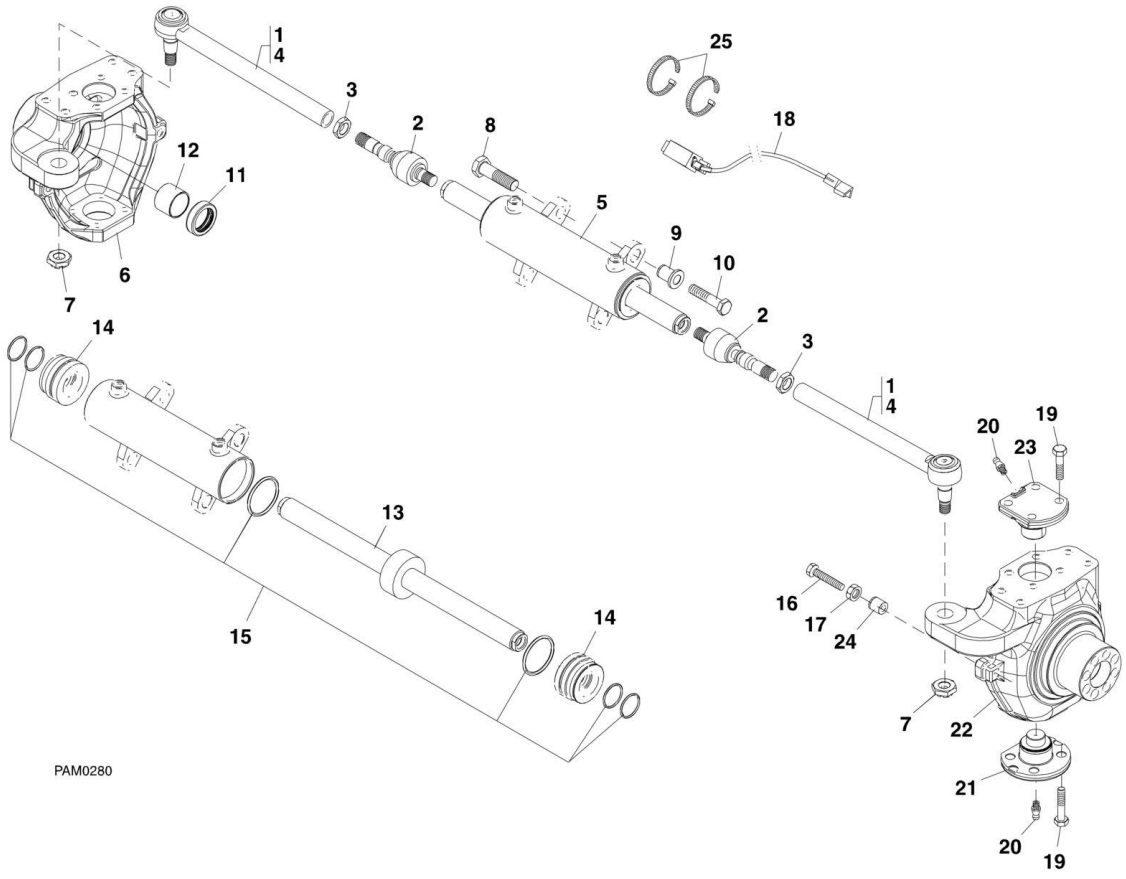


FIGURE 5-15. REAR AXLE - SWIVEL HOUSING AND STEERING CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70020939	2	STEERING ARM ASSY (includes items 2 thru 4) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
1	70025914	2	STEERING ARM ASSY (includes item 2 thru 4) (4017PS)	
2	91474077	2	BALL JOINT (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
2	70021007	2	BALL JOINT (4017PS)	
3	91474078	2	NUT, M24X10 (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
3	70021008	2	NUT, M24X10 (4017PS)	
4	70020940	2	TIE ROD (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
4	70022149	2	TIE ROD (4017PS)	
5	70020941	1	STEERING CYLINDER (includes items 13 thru 15) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
5	70021010	2	STEERING CYLINDER (includes items 13 thru 15) (4017PS)	
6	70020942	1	RH SWIVEL HOUSING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
6	70021011	1	RH SWIVEL HOUSING (4017PS)	
7	91474082	2	NUT, M24X1.5 (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
7	70025913	2	NUT M27 (4017PS)	
8	91474083	2	BOLT, M22X55	
9	91474084	2	BUSHING	
10	91474085	2	BOLT, M14X65	
11	91474086	2	SEAL RING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
11	70022150	2	SEAL RING (4017PS)	
12	91474087	2	BUSHING	
13	70022154	1	ROD (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
13	70021833	1	ROD (4017PS)	
14	70020944	2	CYLINDER HEAD (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
14	70021832	2	CYLINDER HEAD (4017PS)	
15	70020945	1	SEAL KIT (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
15	70021831	1	SEAL KIT (4017PS)	
16	91474091	4	BOLT, M16X75	
17	91474092	4	NUT, M16	
18	1001113287	1	SENSOR	
19	91474094	16	BOLT, M16X38	
20	91474095	4	GREASE FITTING, M6X1	
21	91474096	2	KING PIN	
22	70020947	1	LH SWIVEL HOUSING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
22	70021015	1	LH SWIVEL HOUSING (4017PS)	
23	91474093	2	KING PIN	
24	70020986	4	BUSHING	
25	70021002	2	CLAMP (33.7,37.6,37.7,3706PS,3707PS)	
25	70021016	2	CLAMP (4017PS)	

FIGURE 5-16. REAR AXLE - BEVEL GEAR SET

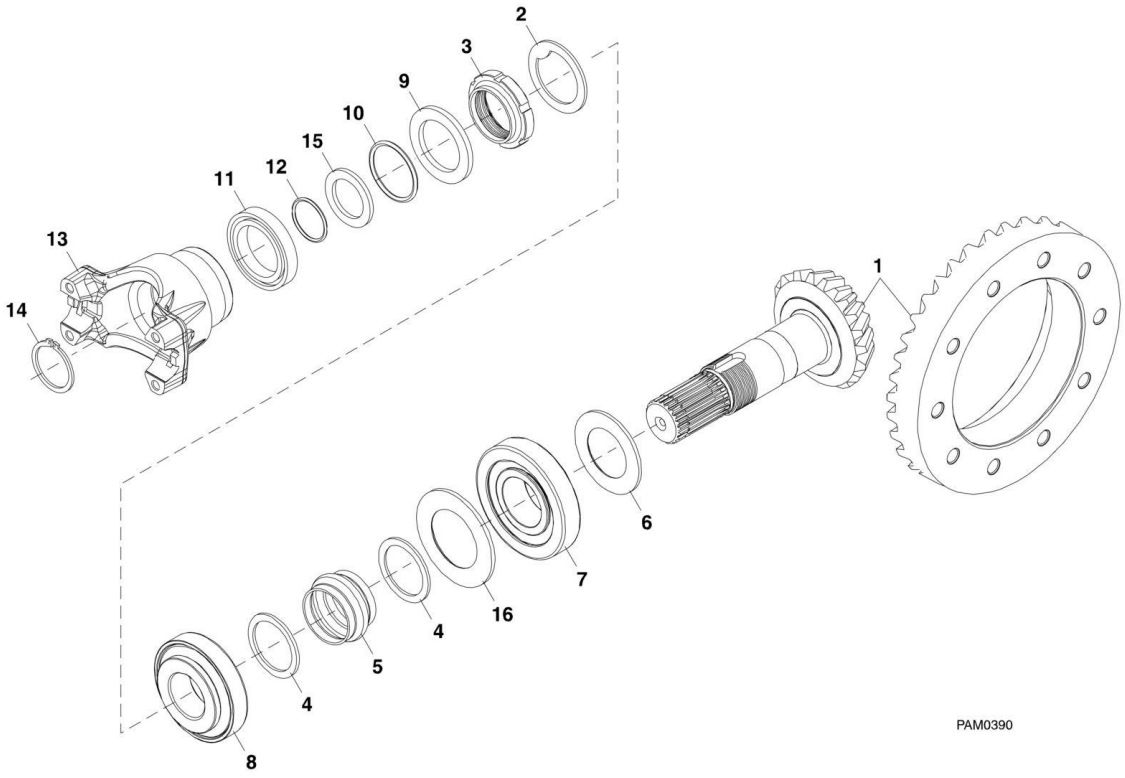


FIGURE 5-16. REAR AXLE - BEVEL GEAR SET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70021004	1	BEVEL GEAR SET (includes items 2 thru 5) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
1	70021035	1	BEVEL GEAR SET (includes items 2 thru 5) (4017PS)	
2	91474100	1	LOCKWASHER	
3	91474101	1	RING NUT, M40X1.5	
4	91474102	2	WASHER	
5	70020949	1	COLLAPSIBLE SPACER (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
5	70021018	1	COLLAPSIBLE SPACER (4017PS)	
6	70020950	AR	SHIM, 2.50mm	
6	70020951	AR	SHIM, 2.60mm	
6	70020952	AR	SHIM, 2.70mm	
6	70020953	AR	SHIM, 2.80mm	
6	70020954	AR	SHIM, 2.90mm	
6	70020955	AR	SHIM, 3.00mm	
6	70020956	AR	SHIM, 3.10mm	
6	70020957	AR	SHIM, 3.20mm	
6	70020958	AR	SHIM, 3.30mm	
6	70020959	AR	SHIM, 3.40mm	
7	91364070	1	BEARING	
8	7028403	1	BEARING	
9	91474115	1	WASHER	
10	91474116	1	O-RING	
11	7028478	1	SEAL RING	
12	70020989	1	O-RING	
13	70020990	1	FLANGE	
14	91474119	1	SNAP RING	
15	70020991	1	SPACER	
16	70020992	1	SHIM (33.7,37.6,37.7,3706PS,3707PS,4014PS)	

FIGURE 5-17. REAR AXLE - DIFFERENTIAL

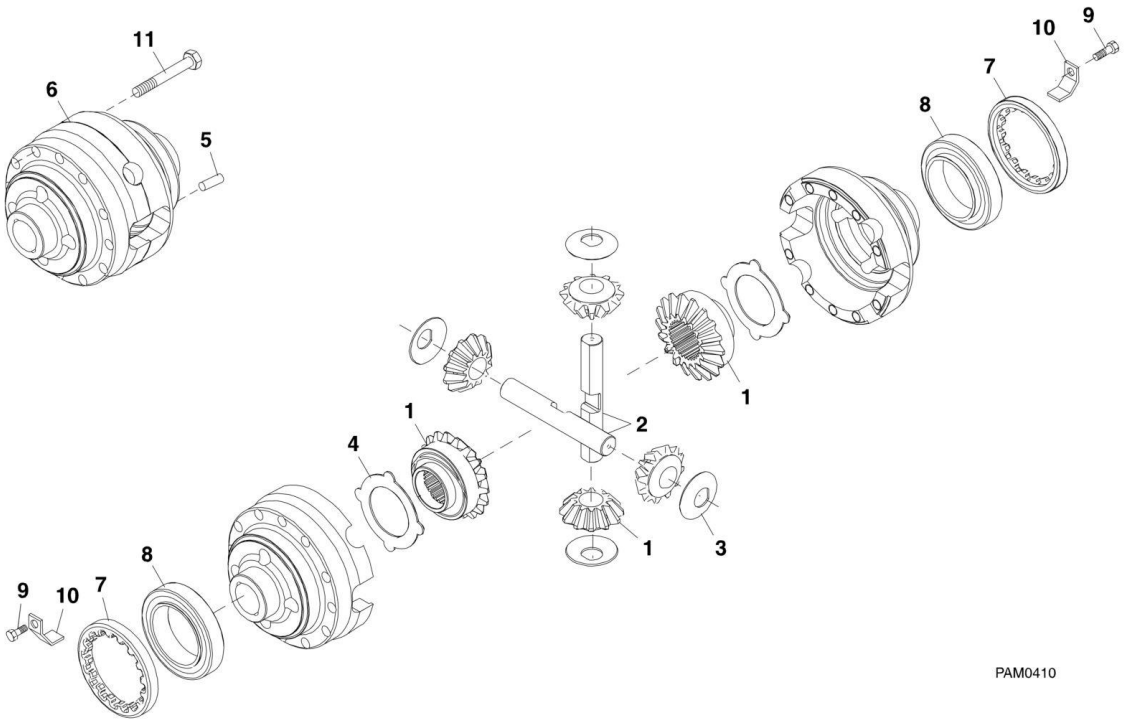


FIGURE 5-17. REAR AXLE - DIFFERENTIAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70021031	1	DIFFERENTIAL KIT, (includes items 2 thru 4)	
2	70020966	2	SHAFT	
3	91364054	4	THRUST WASHER	
4	70020994	2	DIFFERENTIAL HOUSING	
5	91364049	2	PIN	
6	70020967	1	DIFFERENTIAL HOUSING	
7	91474128	2	RING NUT, M94X2	
8	91364050	2	BEARING	
9	8035180	2	BOLT, M6X1X10	
10	91474126	2	LOCKING PLATE	
11	91364048	10	BOLT, M12X90	

FIGURE 5-18. REAR AXLE - DOUBLE U - JOINT

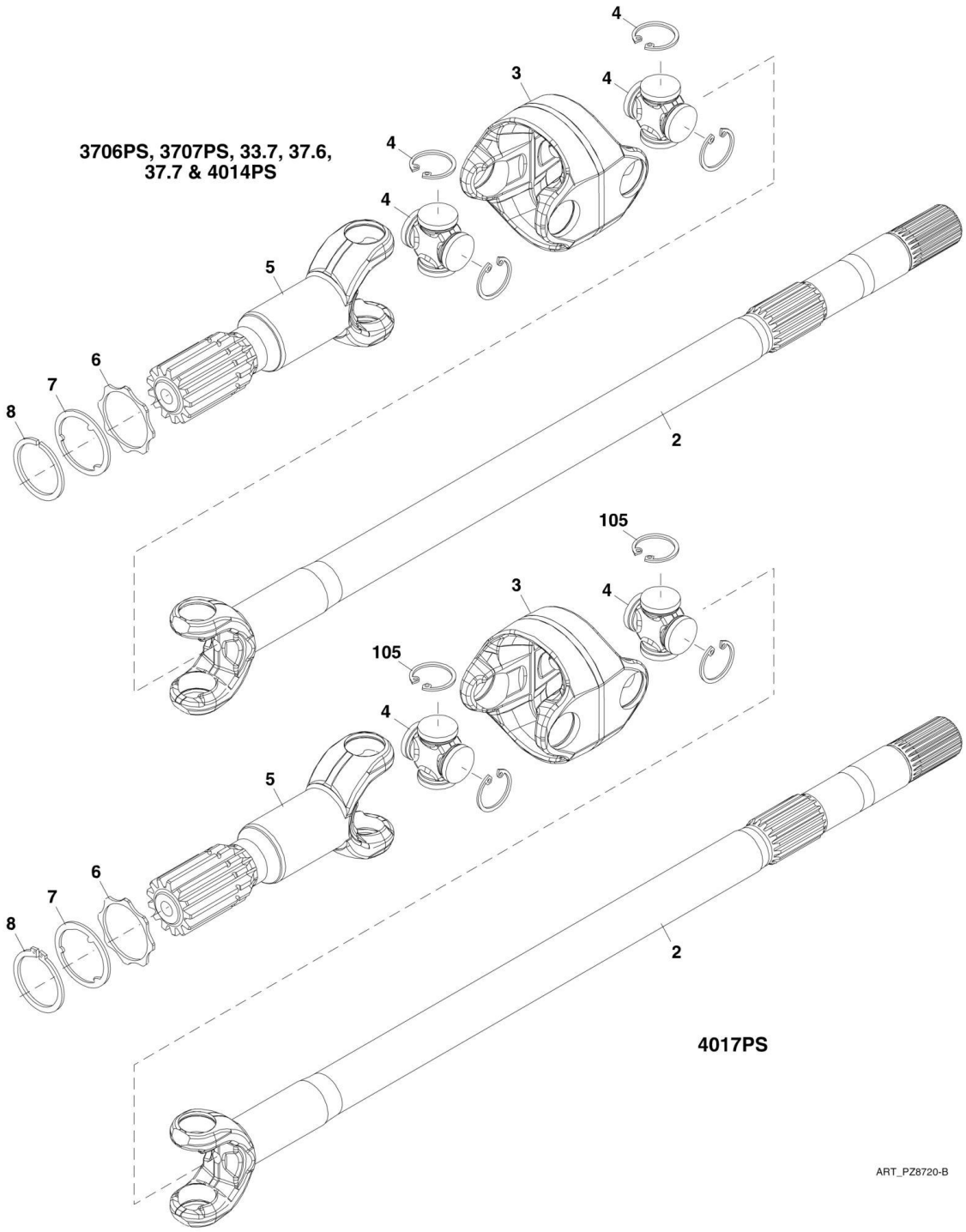


FIGURE 5-18. REAR AXLE - DOUBLE U - JOINT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70020968	2	DOUBLE JOINT (includes items 2 thru 6) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
1	70021019	2	DOUBLE JOINT (includes items 2 thru 6) (4017PS)	
2	70025875	2	FORK (differential side) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
2	70021032	2	FORK (differential side) (4017PS)	
3	8035189	2	CENTRAL BODY (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
3	7029834	2	CENTRAL BODY (4017PS)	
4	8035190	4	SPIDER (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
4	91474632	4	SPIDER (4017PS)	
5	70025876	2	FORK (wheel side) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
5	70021034	2	FORK (wheel side) (4017PS)	
6	70020969	2	THRUSTWASHER (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
6	70021020	2	THRUSTWASHER (4017PS)	
7	70022080	2	WASHER (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
7	70021021	2	WASHER (4017PS)	
8	70022081	2	SNAP RING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
8	70021022	2	SNAP RING (4017PS)	
105	7029837	16	LOCK RING (4017PS)	

FIGURE 5-19. REAR AXLE - WHEEL HUB

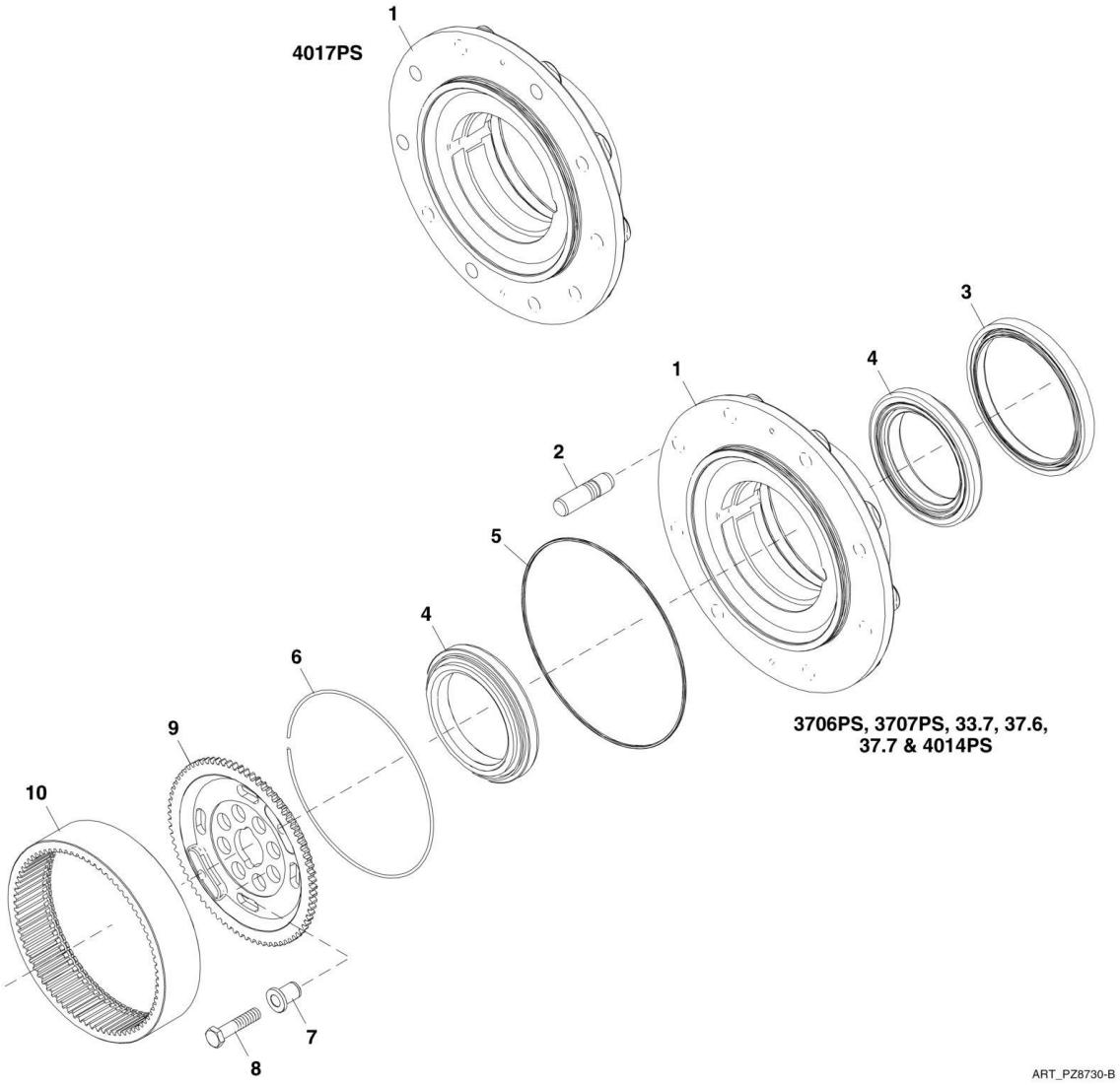


FIGURE 5-19. REAR AXLE - WHEEL HUB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70020972	2	WHEEL HUB (includes item 2) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
1	70021023	2	WHEEL HUB (includes item 2) (4017PS)	
2	70020973	16	STUD (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
2	70021024	16	STUD (4017PS)	
3	70020974	2	SEAL RING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
3	70021025	2	SEAL RING (4017PS)	
4	70026828	4	BEARING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
4	70021026	4	BEARING (4017PS)	
5	70022083	2	O-RING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
5	91474155	2	O-RING (4017PS)	
6	7028423	2	RING (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
6	91474157	2	RING (4017PS)	
7	91474160	16	BUSHING	
8	91474085	16	BOLT, M14X1.5X65	
9	7028417	2	WHEEL CARRIER (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
9	70021027	2	WHEEL CARRIER (4017PS)	
10	70020976	2	CROWN GEAR Z=60 (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
10	70021028	2	CROWN GEAR Z=60 (4017PS)	

FIGURE 5-20. REAR AXLE - FINAL REDUCTION

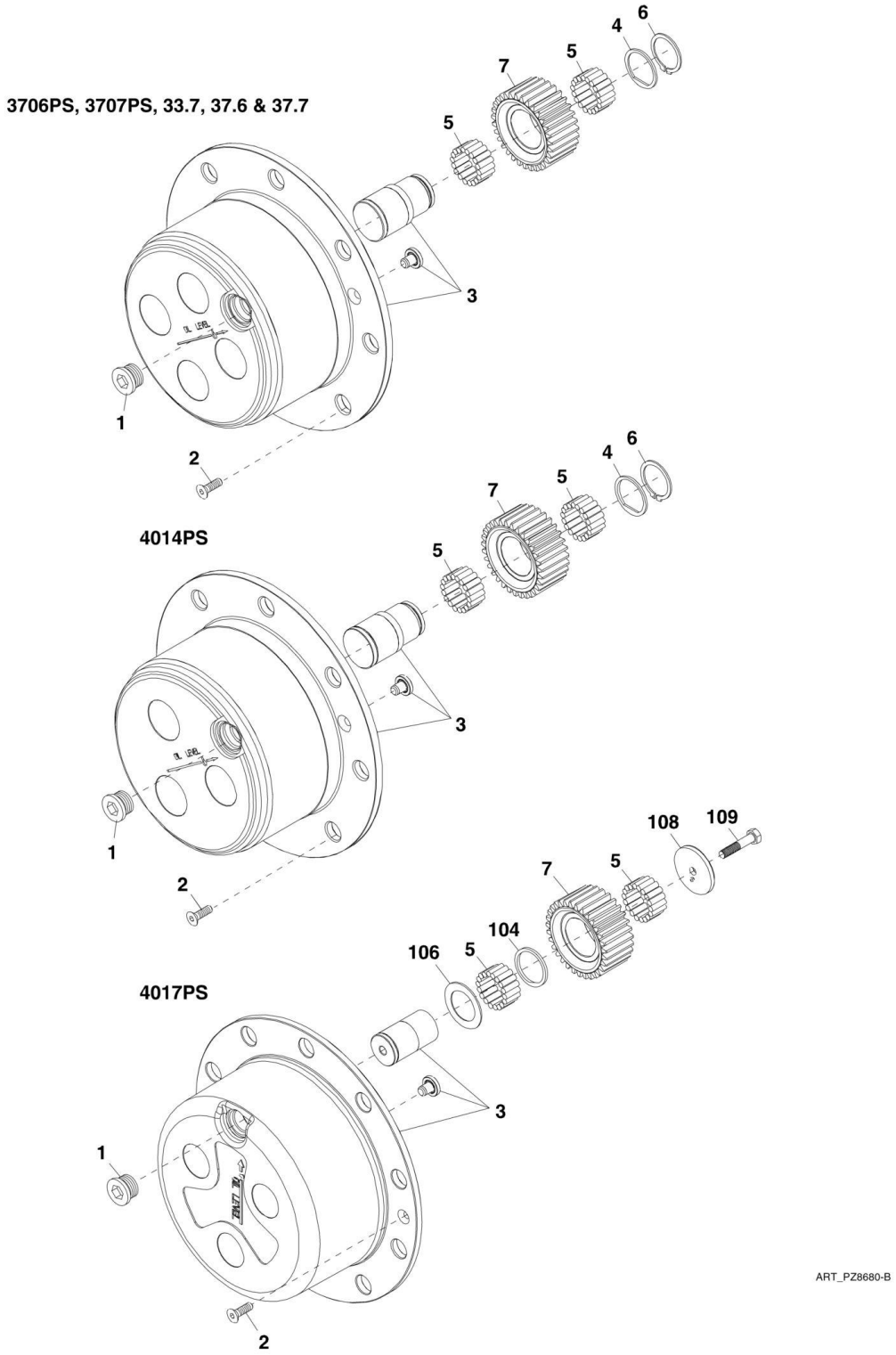
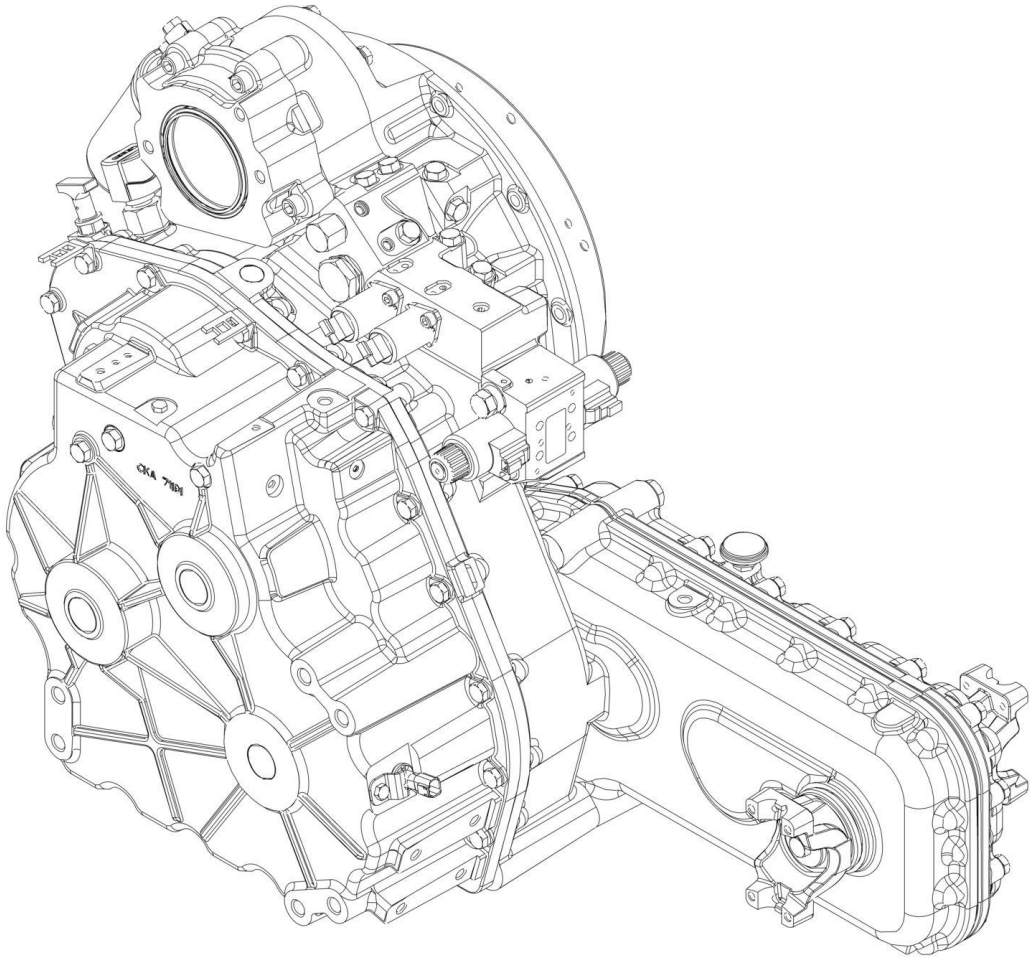


FIGURE 5-20. REAR AXLE - FINAL REDUCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	91474037	2	PLUG	
2	8035235	4	BOLT, M8X20	
3	70020977	2	PLANETARY CARRIER ASSY (33.7,37.6,37.7,3706PS,3707PS)	
3	70021001	2	PLANETARY CARRIER ASSY (4014PS,4017PS)	
4	7028509	8	THRUST WASHER (33.7,37.6,37.7,3706PS,3707PS)	
4	7028509	6	THRUST WASHER (4014PS)	
5	91474163	200	NEEDLE BEARING (44.8 per gear) (33.7,37.6,37.7,3706PS,3707PS)	
5	91474163	160	NEEDLE BEARING (33.6 per gear) (4014PS)	
5	91364093	160	NEEDLE BEARING (37.2 per gear) (4017PS)	
6	7028508	8	SNAP RING (33.7,37.6,37.7,3706PS,3707PS)	
6	7028508	6	SNAP RING (4014PS)	
7	7028510	8	GEAR (33.7,37.6,37.7,3706PS,3707PS)	
7	7028510	6	GEAR (4014PS)	
7	91364094	6	GEAR (4017PS)	
104	91364095	6	WASHER (4017PS)	
106	91364096	6	LOCKING THRUST WASHER (4017PS)	
108	70021030	6	THRUST WASHER (4017PS)	
109	91474162	6	BOLT, M10X50 (4017PS)	

FIGURE 5-21. TRANSMISSION



PZ8740

FIGURE 5-21. TRANSMISSION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139192	Ref	POWERSHIFT TRANSMISSION, R0.784 (33.7,37.6,37.7,3706PS,3707PS,4014PS)	F
	1001139193	Ref	POWERSHIFT TRANSMISSION, R0.861 (33.7,37.6,37.7,3706PS,3707PS)	E
	1001139191	Ref	POWERSHIFT TRANSMISSION, R1.063 (4017PS)	F
		Ref	TRANSFER GEARBOX ASSY, (See TRANSFER GEARBOX ASSEMBLY for Breakdown)	
		Ref	TORQUE CONVERTER AND DRIVE, (See TORQUE CONVERTER AND DRIVE for Breakdown)	
		Ref	GEARS AND BEARINGS, (See GEARS AND BEARINGS for Breakdown)	
		Ref	1ST/2ND CLUTCH SHAFT, (See 1ST/2ND CLUTCH SHAFT for Breakdown)	
		Ref	INPUT SHAFT, (See INPUT SHAFT for Breakdown)	
		Ref	FORWARD HIGH/3RD CLUTCH SHAFT, (See FORWARD HIGH/3RD CLUTCH SHAFT for Breakdown)	
		Ref	ANCILLARY COMPONENTS, (See ANCILLARY COMPONENTS for Breakdown)	
	70024466	1	OIL FILTER	

FIGURE 5-22. TRANSFER GEARBOX ASSEMBLY

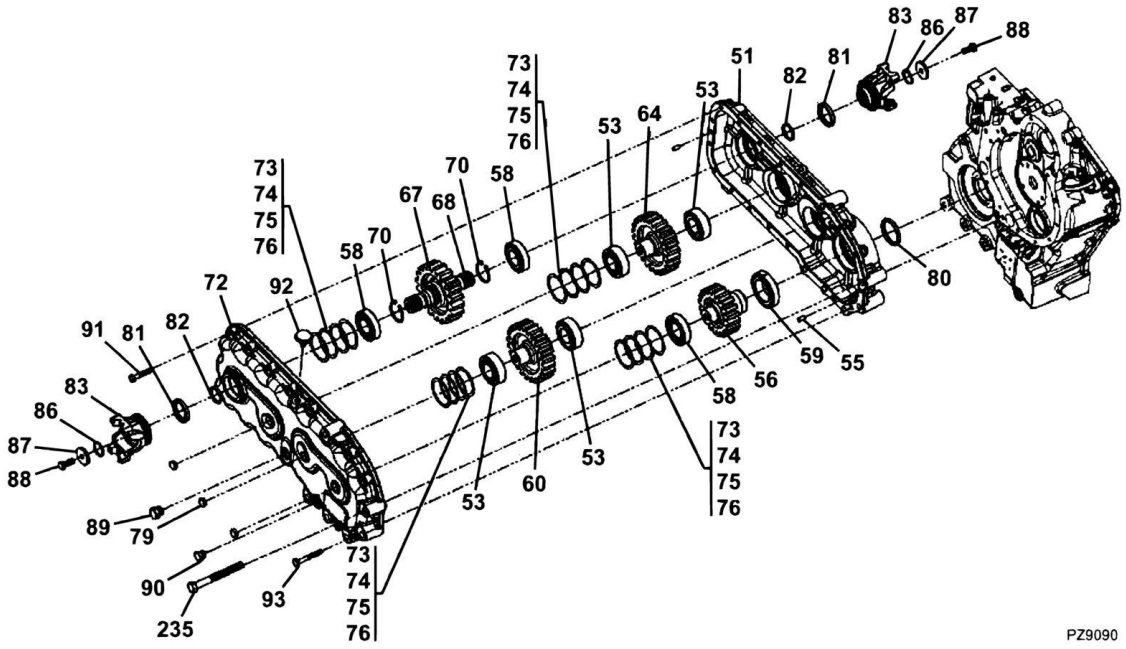


FIGURE 5-22. TRANSFER GEARBOX ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139192	Ref	POWERSHIFT TRANSMISSION, R0.784 (33.7,37.6,37.7,3706PS,3707PS,4014PS)	F
	1001139193	Ref	POWERSHIFT TRANSMISSION, R0.861 (33.7,37.6,37.7,3706PS,3707PS)	E
	1001139191	Ref	POWERSHIFT TRANSMISSION, R1.063 (4017PS)	F
51	70024632	1	REAR TRANSFER CASE, 4 GEAR (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
51	70024652	1	REAR TRANSFER CASE (4017PS)	
53	70025493	2	BEARING CONE	
53	70025494	2	BEARING CUP	
55	70025495	2	DOWEL	
56	70024633	1	GEAR, RH INPUT (R0.784) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
56	70024650	1	GEAR, RH INPUT (R0.861) (33.7,37.6,37.7,3706PS,3707PS)	
56	70024653	1	GEAR, RH INPUT (4017PS)	
58	70025496	3	ROLLER BEARING CONE	
58	70025497	3	ROLLER BEARING CUP	
59	70024634	1	ROLLER BEARING CONE	
59	70024635	1	ROLLER BEARING CUP	
60	70024636	1	GEAR	
64	70024637	1	GEAR	
67	70024638	1	GEAR (R0.784) (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
67	70024651	1	GEAR (R0.861) (33.7,37.6,37.7,3706PS,3707PS)	
67	70024654	1	GEAR (4017PS)	
68	70024639	1	OUTPUT SHAFT	
70	70025498	2	RETAINING RING	
72	70024640	1	FRONT CASE (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
72	70024655	1	FRONT CASE (4017PS)	
73	70025499	AR	SHIM, 0.002	
74	70025500	AR	SHIM, 0.003	
75	70025501	AR	SHIM, 0.007	
76	70025502	AR	SHIM, 0.0236	
79	70024641	3	CAP	
80	70024642	1	LIP SEAL	
81	70024643	2	LIP SEAL	
82	70024644	2	SPACER	
83	70024645	2	YOKE ASSY	
86	70025503	2	O-RING	
87	70025504	2	WASHER	
88	70025505	2	LOCKING BOLT	
89	70025506	1	PLUG	
90	70024646	1	PLUG	
91	70024647	10	HEX BOLT	
92	70024648	1	BREATHER	
93	70024649	2	BOLT	
235	70025507	6	BOLT	

FIGURE 5-23. TORQUE CONVERTER AND DRIVE

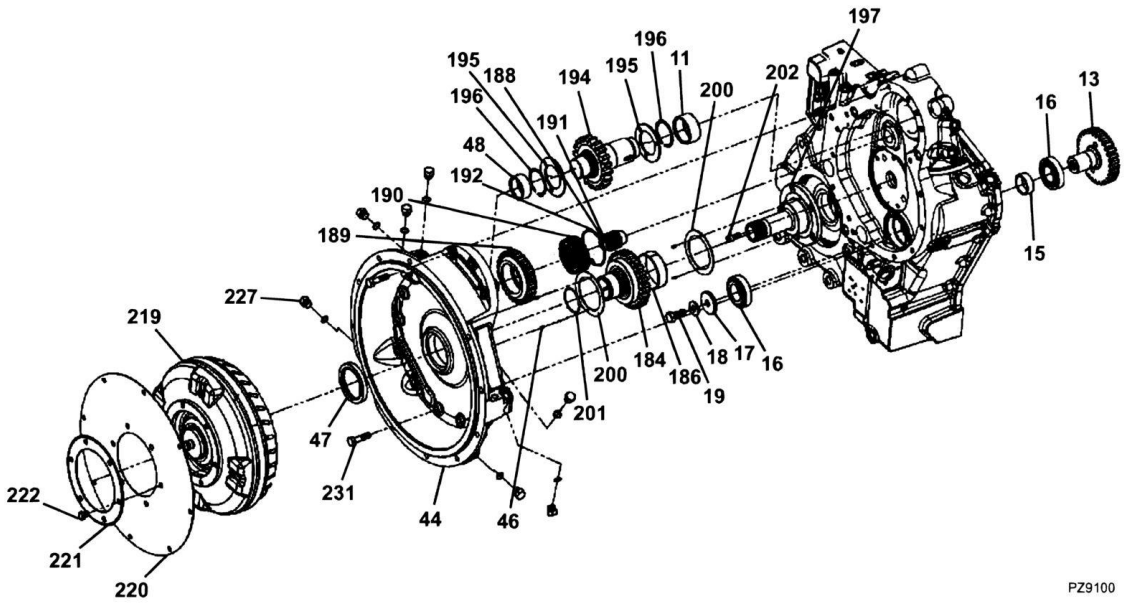


FIGURE 5-23. TORQUE CONVERTER AND DRIVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139192	Ref	POWERSHIFT TRANSMISSION, R0.784 (33.7,37.6,37.7,3706PS,3707PS,4014PS)	F
	1001139193	Ref	POWERSHIFT TRANSMISSION, R0.861 (33.7,37.6,37.7,3706PS,3707PS)	E
	1001139191	Ref	POWERSHIFT TRANSMISSION, R1.063 (4017PS)	F
11	70025360	1	NEEDLE ROLLER BEARING	
13	70025361	1	REVERSE IDLER GEAR	
15	70025362	AR	SPACER, 14.85-14.87	
15	70025363	AR	SPACER, 14.88-14.90	
15	70025364	AR	SPACER, 14.91-14.93	
15	70025365	AR	SPACER, 14.94-14.96	
15	70025366	AR	SPACER, 14.97-14.99	
15	70025367	AR	SPACER, 15.00-15.02	
15	70025368	AR	SPACER, 15.03-15.05	
15	70025369	AR	SPACER, 15.06-15.08	
15	70025370	AR	SPACER, 15.09-15.11	
15	70025371	AR	SPACER, 15.12-15.14	
15	70025372	AR	SPACER, 15.15-15.17	
15	70025373	AR	SPACER, 15.18-15.20	
15	70025374	AR	SPACER, 15.21-15.23	
15	70025375	AR	SPACER, 15.24-15.26	
15	70025376	AR	SPACER, 15.27-15.29	
15	70025377	AR	SPACER, 15.30-15.32	
15	70025378	AR	SPACER, 15.33-15.35	
15	70025379	AR	SPACER, 15.36-15.38	
16	70025508	2	BEARING CONE	
16	70025509	2	BEARING CUP	
17	70025504	1	WASHER	
18	70025380	1	BEVEL SPRING WASHER	
19	70025505	1	BOLT	
44	70025381	1	HOUSING ASSY	
46	70025382	4	TENSION PIN	
47	70025383	1	OIL SEAL	
48	70025384	1	NEEDLE ROLLER BEARING	
184	70025385	1	PUMP DRIVE GEAR ASSY	
186	70025386	1	BUSHING	
188	70025387	1	IDLER SHAFT PUMP	
189	70025388	1	IDLER GEAR PUMP	
190	70025389	1	ROLLER BEARING	
191	70025390	1	O-RING	
192	70025391	1	CIRCLIP, INTERNAL	
194	70025392	1	DRIVEN GEAR PUMP	
195	70025393	2	THRUST DISC	
196	70025510	2	SNAP RING	
197	70025394	1	REACTOR SUPPORT	
200	70025511	2	THRUST WASHER	
201	70025512	1	O-RING	
202	70025513	5	CAPSCREW	
219	70025395	1	TORQUE CONVERTER	
220	70025396	1	CONVERTER DRIVE PLATE	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
221	70025397	1	CONVERTER REINFORCING PLATE	
222	70025398	1	SET SCREW	
227	70025399	1	PLUG	
231	70025514	15	BOLT	

FIGURE 5-24. GEARS AND BEARINGS

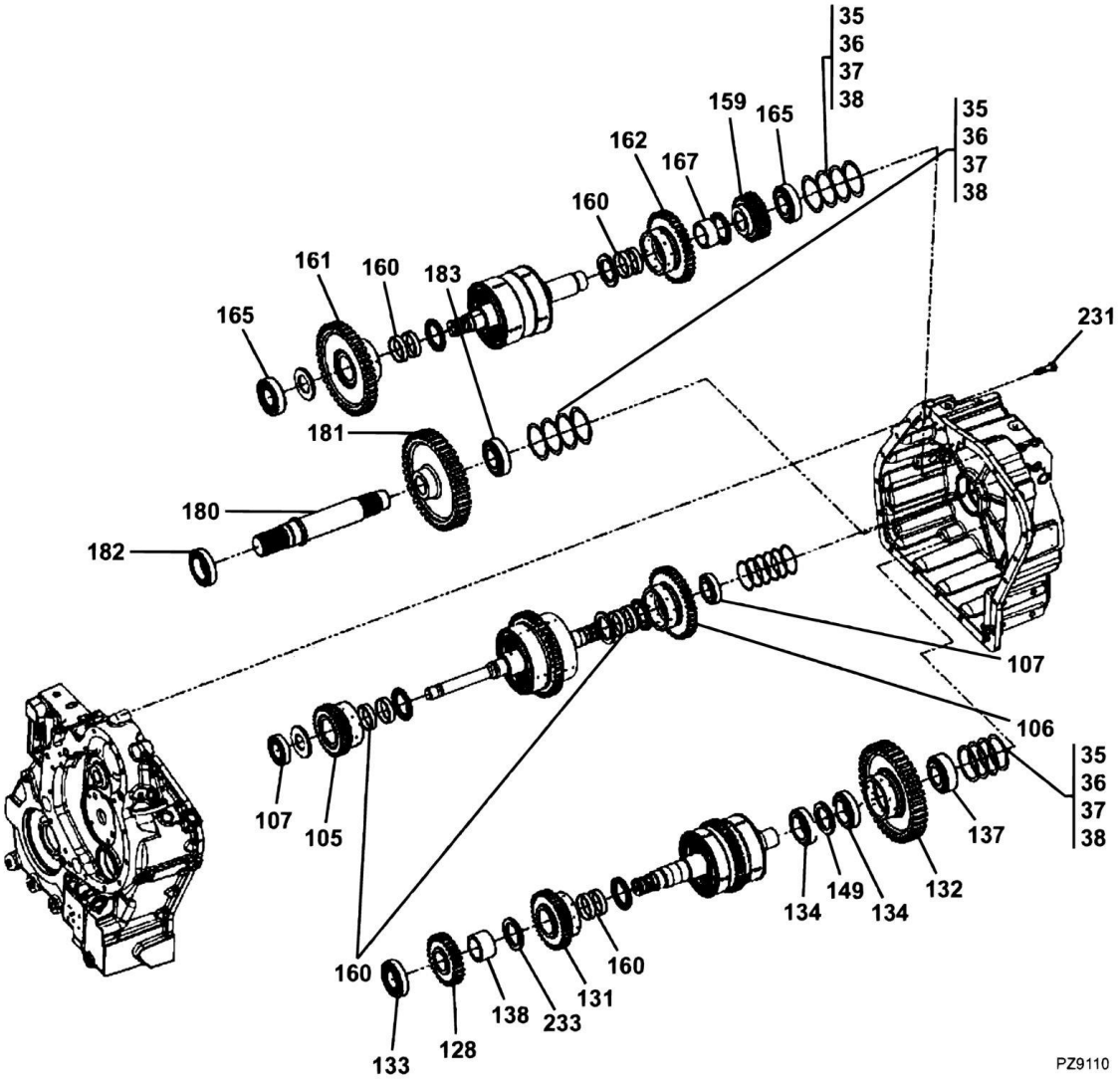


FIGURE 5-24. GEARS AND BEARINGS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139192	Ref	POWERSHIFT TRANSMISSION, R0.784 (33.7,37.6,37.7,3706PS,3707PS,4014PS)	F
	1001139193	Ref	POWERSHIFT TRANSMISSION, R0.861 (33.7,37.6,37.7,3706PS,3707PS)	E
	1001139191	Ref	POWERSHIFT TRANSMISSION, R1.063 (4017PS)	F
35	70025502	AR	SHIM	
36	70025501	AR	SHIM	
37	70025500	AR	SHIM	
38	70025499	AR	SHIM	
105	70025400	1	GEAR, 27T	
106	70025401	1	GEAR, 45T	
107	70025508	2	BEARING CONE	
107	70025509	2	BEARING CUP	
128	70025402	1	GEAR, 27T	
131	70025403	1	GEAR, 36T	
132	70025404	1	GEAR, 56T	
133	70025405	1	BEARING CUP	
133	70025406	1	BEARING CONE	
134	70025407	1	BEARING CONE	
134	70025408	1	BEARING CUP	
137	70025493	1	BEARING CONE	
137	70025494	1	BEARING CUP	
138	70025409	1	SPACER	
149	70025410	AR	SPACER, 5.88-5.90	
149	70025411	AR	SPACER, 5.85-5.87	
149	70025412	AR	SPACER, 5.82-5.84	
149	70025413	AR	SPACER, 5.79-5.81	
149	70025414	AR	SPACER, 6.00-6.02	
149	70025415	AR	SPACER, 5.97-5.99	
149	70025416	AR	SPACER, 5.94-5.96	
149	70025417	AR	SPACER, 5.91-5.93	
149	70025418	AR	SPACER, 6.09-6.11	
149	70025419	AR	SPACER, 6.06-6.08	
149	70025420	AR	SPACER, 6.03-6.05	
149	70025421	AR	SHIM	
149	70025422	AR	SHIM	
159	70025423	1	GEAR, 24T	
160	70025424	4	NEEDLE ROLLER BEARING	
161	70025425	1	GEAR, 53T	
162	70025401	1	GEAR, 45T	
165	70025496	2	BEARING CONE	
165	70025497	2	BEARING CUP	
167	70025426	1	SPACER	
180	70025427	1	OUTPUT SHAFT	
181	70025428	1	GEAR, 56T	
182	70025407	1	BEARING CONE	
182	70025408	1	BEARING CUP	
183	70025496	1	BEARING CONE	
183	70025497	1	BEARING CUP	
231	70025514	35	BOLT	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
233	70025429	2	WASHER	

FIGURE 5-25. 1ST/2ND CLUTCH SHAFT

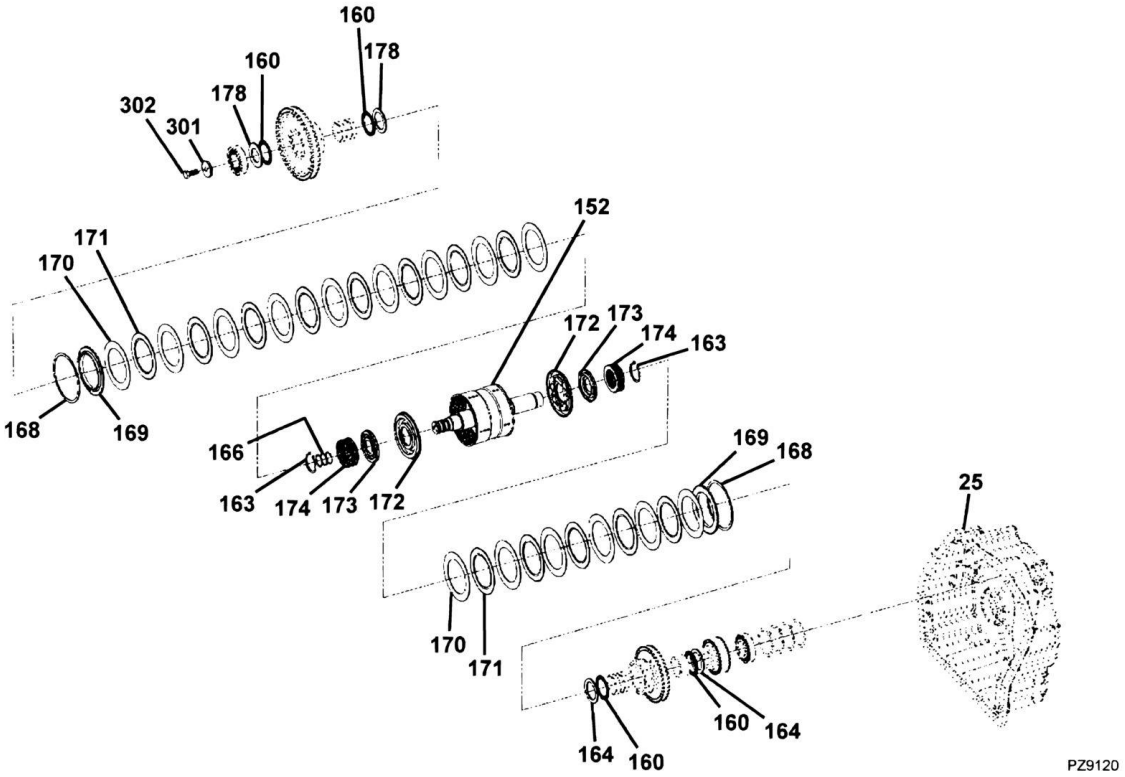


FIGURE 5-25. 1ST/2ND CLUTCH SHAFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139192	Ref	POWERSHIFT TRANSMISSION, R0.784 (33.7,37.6,37.7,3706PS,3707PS,4014PS)	F
	1001139193	Ref	POWERSHIFT TRANSMISSION, R0.861 (33.7,37.6,37.7,3706PS,3707PS)	E
	1001139191	Ref	POWERSHIFT TRANSMISSION, R1.063 (4017PS)	F
25	70025430	1	REAR CASE PLUGGED ASSY	
152	70025431	1	SHAFT PLUGGED ASSY	
160	70025432	4	THRUST BEARING	
163	70025498	2	CIRCLIP, EXTERNAL	
164	70025429	3	WASHER	
166	70025433	3	SEALING RING	
168	70025434	2	RETAINER RING	
169	70025435	2	RETAINER PLATE	
170	70025436	13	FRICTION DISC	
171	70025437	15	CLUTCH PLATE	
172	70025438	2	CLUTCH PISTON	
173	70025439	2	SPRING RETAINER	
174	70025440	2	SPRING AND RETAINER ASSY	
178	70025441	1	THRUST WASHER	
301	70025504	1	RETAINING WASHER	
302	70025442	1	BOLT	

FIGURE 5-26. INPUT SHAFT

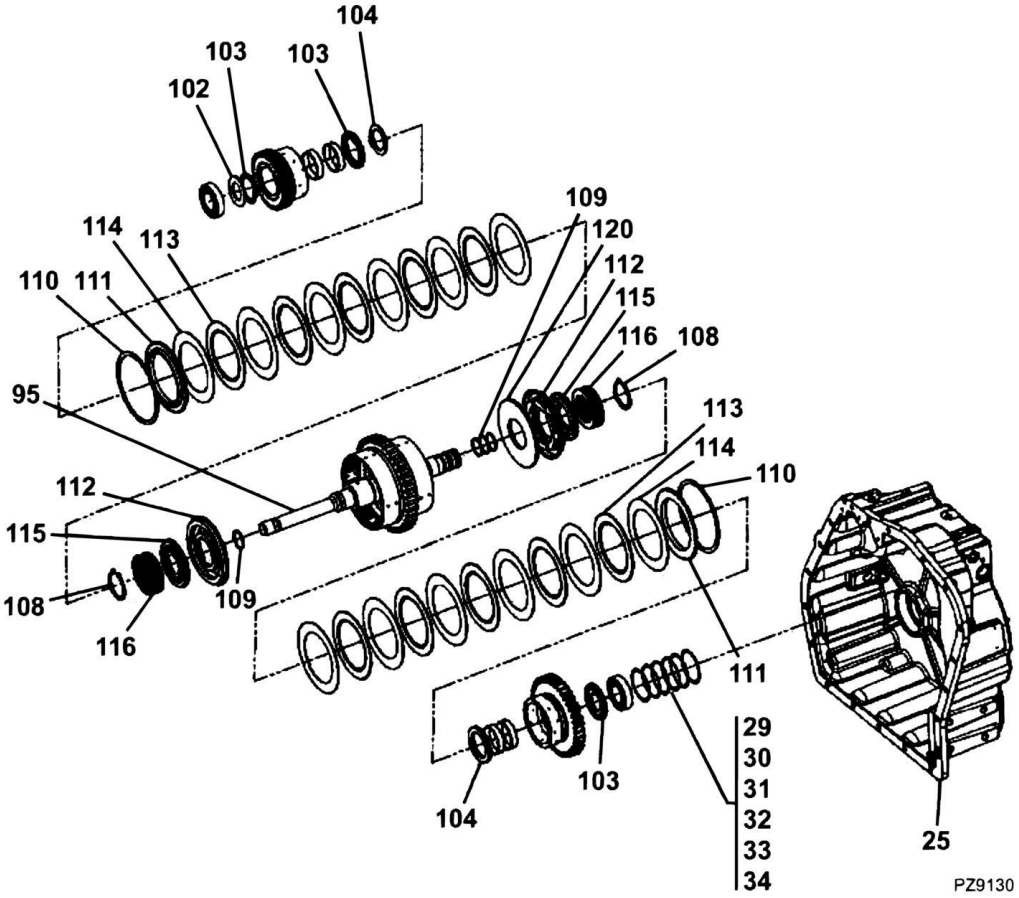


FIGURE 5-26. INPUT SHAFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139192	Ref	POWERSHIFT TRANSMISSION, R0.784 (33.7,37.6,37.7,3706PS,3707PS,4014PS)	F
	1001139193	Ref	POWERSHIFT TRANSMISSION, R0.861 (33.7,37.6,37.7,3706PS,3707PS)	E
	1001139191	Ref	POWERSHIFT TRANSMISSION, R1.063 (4017PS)	F
25	70025430	1	REAR CASE PLUGGED ASSY	
29	70025443	AR	SHIM	
30	70025444	AR	SHIM	
31	70025515	AR	SHIM	
32	70025516	AR	SHIM	
33	70025517	AR	SHIM	
34	70025518	AR	SHIM	
95	70025445	1	INPUT SHAFT PLUGGED ASSY	
102	70025446	2	THRUST WASHER	
103	70025432	4	THRUST BEARING	
104	70025429	2	WASHER	
108	1001008845	2	CIRCLIP, EXTERNAL	
109	70025433	4	SEALING RING	
110	70025434	2	RETAINER RING	
111	70025447	2	RETAINER PLATE	
112	70025438	2	CLUTCH PISTON	
113	70025448	10	FRICTION DISC	
114	70025437	12	CLUTCH PLATE	
115	70025439	2	SPRING RETAINER	
116	70025440	2	SPRING AND RETAINER ASSY	
120	70025449	1	SPACER, PISTON	

FIGURE 5-27. FORWARD HIGH/3RD CLUTCH SHAFT

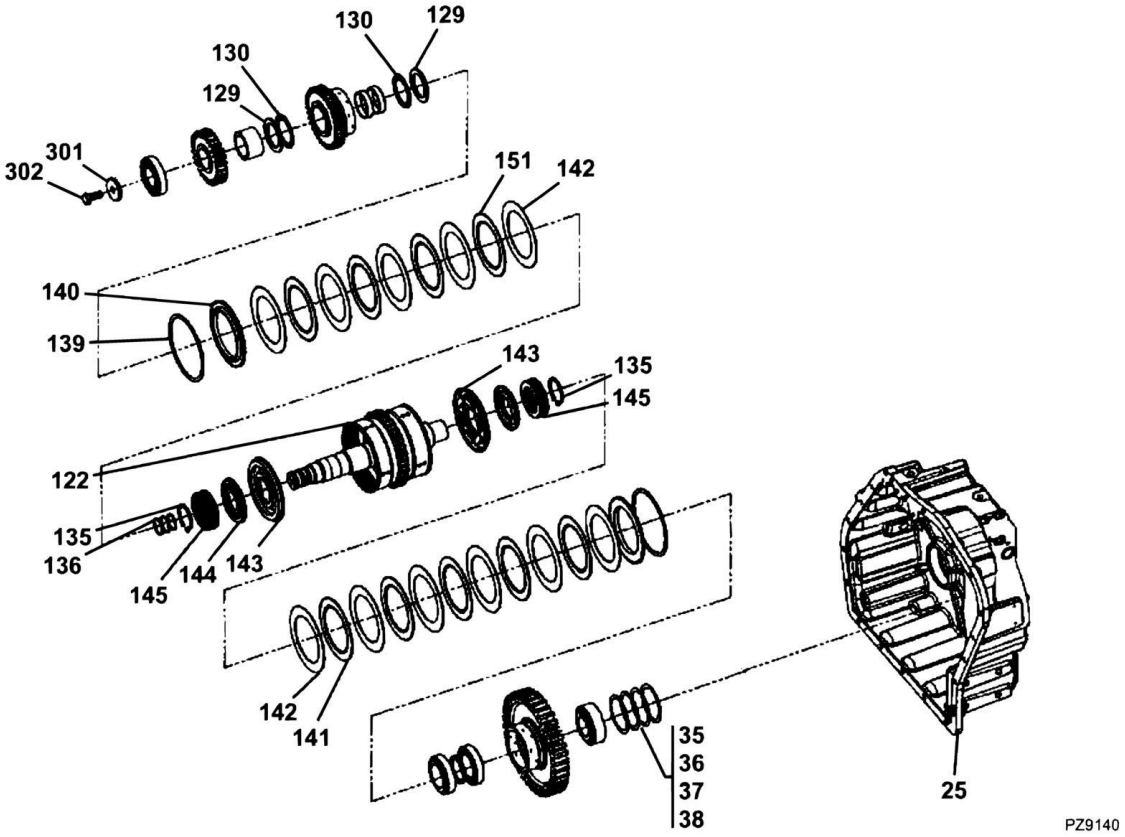
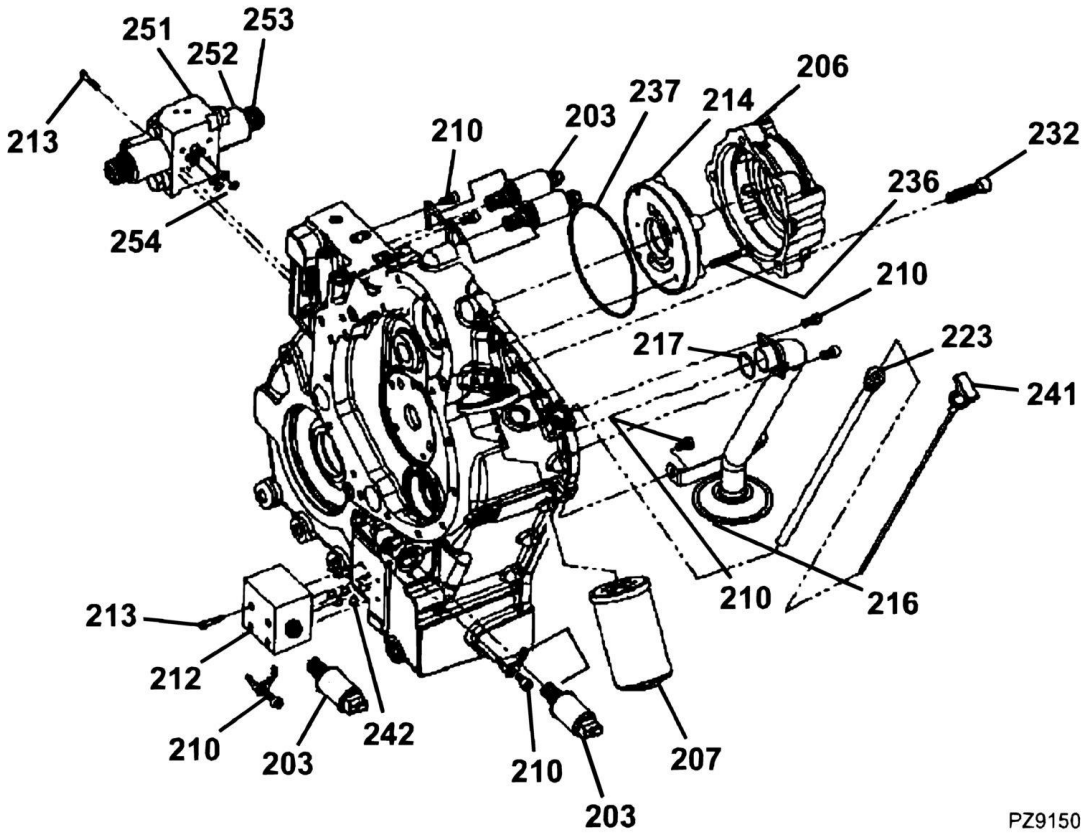
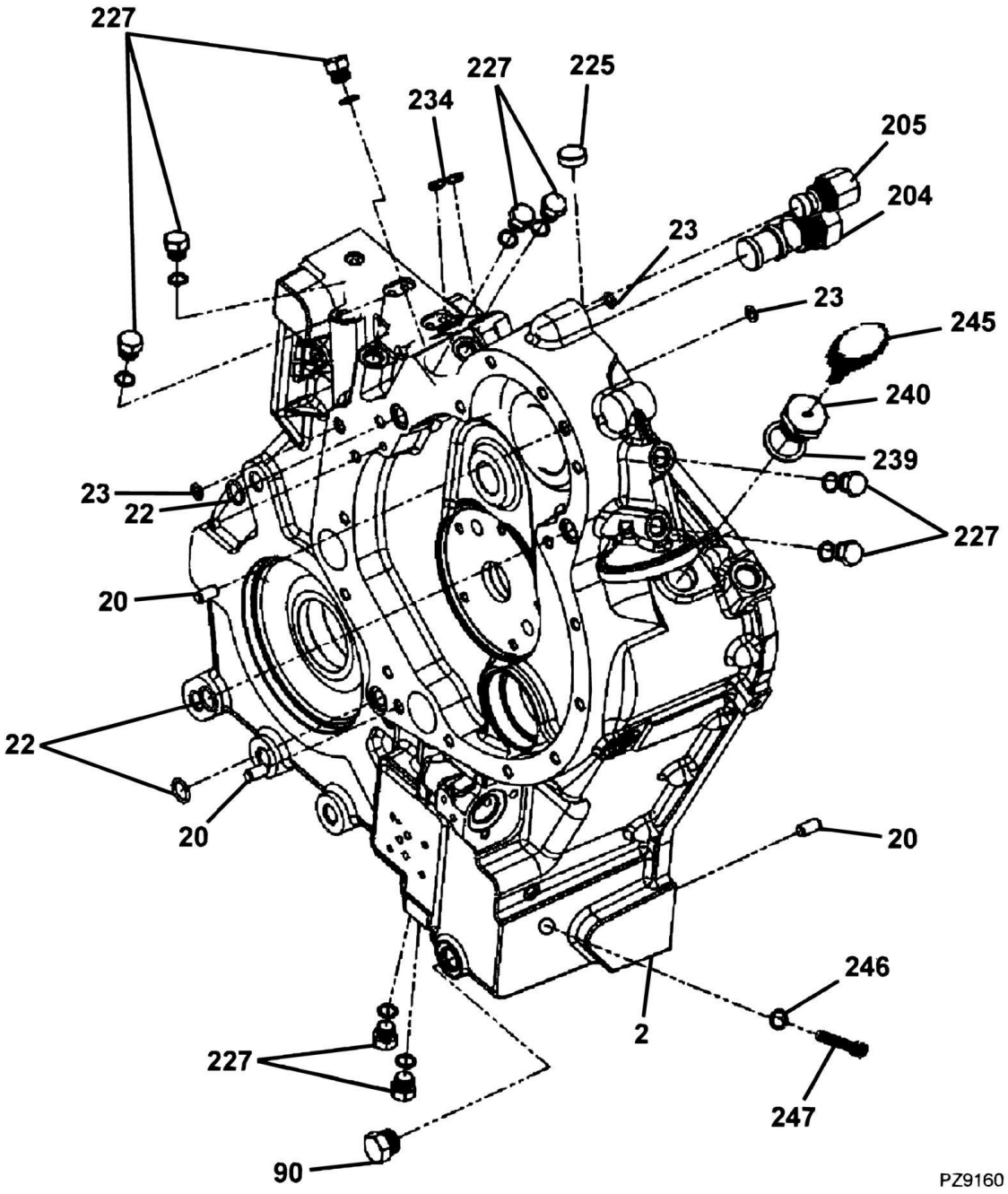


FIGURE 5-27. FORWARD HIGH/3RD CLUTCH SHAFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139192	Ref	POWERSHIFT TRANSMISSION, R0.784 (33.7,37.6,37.7,3706PS,3707PS,4014PS)	F
	1001139193	Ref	POWERSHIFT TRANSMISSION, R0.861 (33.7,37.6,37.7,3706PS,3707PS)	E
	1001139191	Ref	POWERSHIFT TRANSMISSION, R1.063 (4017PS)	F
25	70025430	1	REAR CASE PLUGGED ASSY	
35	1001061256	AR	SHIM	
36	1001061257	AR	SHIM	
37	1001061258	AR	SHIM	
38	1001061259	AR	SHIM	
122	70025450	1	FORWARD HIGH/3RD SHAFT	
129	70025429	2	WASHER	
130	70025432	2	THRUST BEARING	
135	1001008845	2	CIRCLIP, EXTERNAL	
136	70025433	3	SEALING RING	
139	70025434	2	RETAINER RING	
140	70025435	2	RETAINER PLATE	
141	70025436	5	FRICTION DISC	
142	70025437	11	CLUTCH PLATE	
143	70025438	2	CLUTCH PISTON	
144	70025439	2	SPRING RETAINER	
145	70025440	2	SPRING AND RETAINER ASSY	
151	70025448	4	FRICTION DISC	
301	1001060417	1	RETAINING WASHER	
302	70025442	1	BOLT	

FIGURE 5-28. FRONT & REAR CASE COMPONENTS




227
227
225
234
205
204
23
23
245
240
239
23
22
227
20
22
20
20
246
2
227
247
90
PZ9160

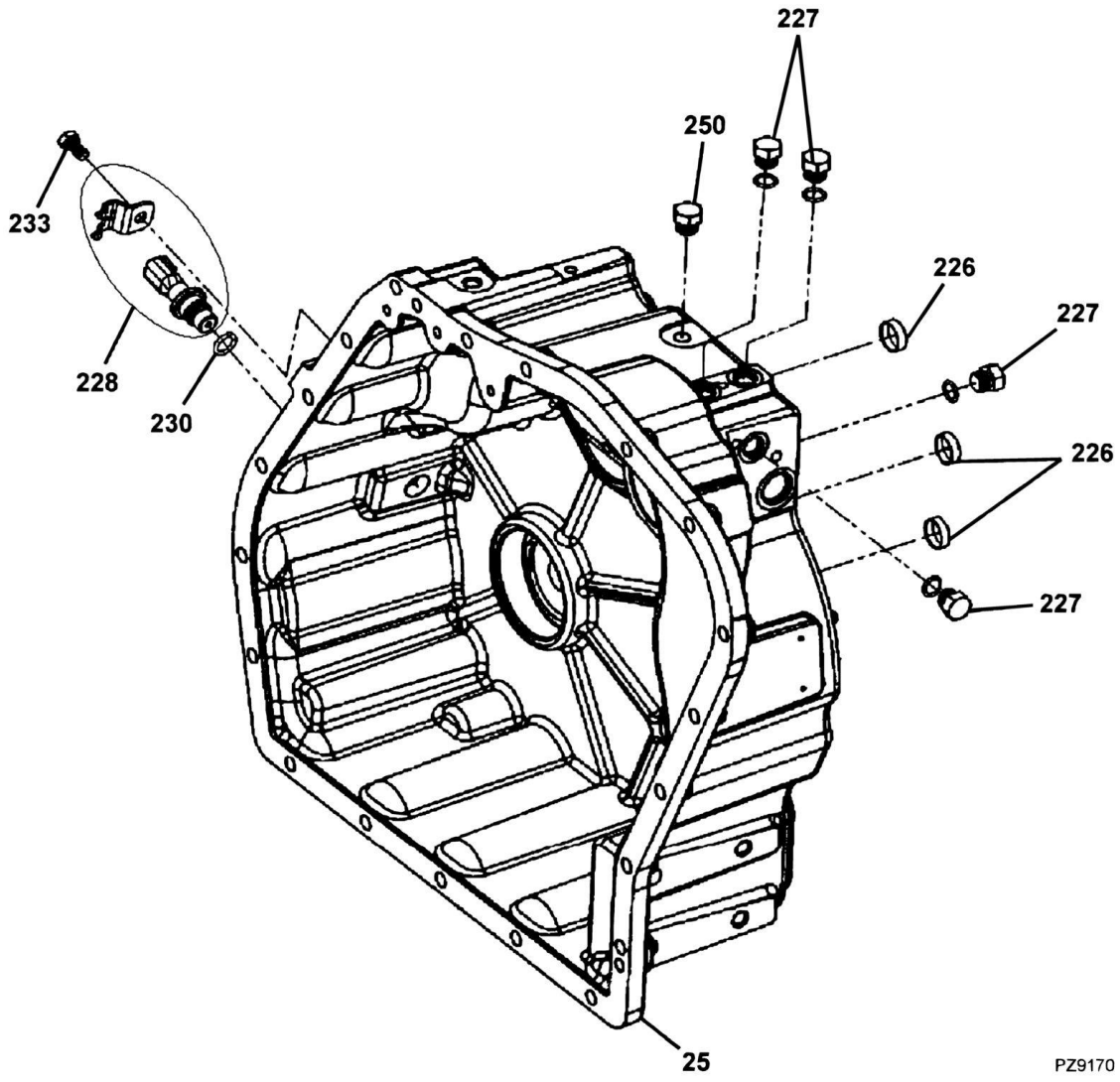

227
250
233
226
227
228
230
226
227
25
PZ9170

FIGURE 5-28. FRONT & REAR CASE COMPONENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139192	Ref	POWERSHIFT TRANSMISSION, R0.784 (33.7,37.6,37.7,3706PS,3707PS,4014PS)	F
	1001139193	Ref	POWERSHIFT TRANSMISSION, R0.861 (33.7,37.6,37.7,3706PS,3707PS)	E
	1001139191	Ref	POWERSHIFT TRANSMISSION, R1.063 (4017PS)	F
2	70025467	1	FRONT CASE ASSY	
20	1001027047	4	DOWEL	
22	70025468	3	O-RING	
23	1001060439	4	O-RING	
25	70025430	1	REAR CASE ASSY	
90	70024646	1	PLUG	
203	70025451	4	SOLENOID VALVE	
204	70025469	1	RELIEF VALVE	
205	70025470	1	RELIEF VALVE	
206	70025452	1	PUMP HOUSING	
207	70025453	1	HYDRAULIC FILTER ASSY (33.7,37.6,37.7,3706PS,3707PS,4014PS,4017PS)	
210	1001063407	5	CAPSCREW	
212	70025458	1	VALVE HOUSING	
213	1001009365	8	CAPSCREW	
214	70025459	1	CHARGE PUMP	
216	70025460	1	SUCTION STRAINER	
217	70025461	2	O-RING, SUCTION STRAINER	
223	70025462	1	DIPSTICK TUBE ASSY	
225	70024641	1	CAP	
226	70025476	3	CAP	
227	1001009250	13	PLUG	
228	1001063420	1	SPEED SENSOR	
230	1001058688	1	O-RING	
232	70025463	4	CAPSCREW	
233	1001017166	1	SET SCREW	
234	70025471	2	PLUG	
236	1001016799	4	BOLT	
237	70025464	1	O-RING	
239	70025472	1	WASHER	
240	70025473	1	ADAPTER	
241	70025465	1	GAGE ASSY	
242	70025466	3	O-RING	
245	70025474	1	BREATHER	
246	1001008552	1	O-RING	
247	70025475	1	TEMPERATURE SENDER ASSY	
250	1001045589	1	PLUG	
251	70025454	1	VALVE BODY	
252	70025455	1	LOCKING NUT ASSY	
253	70025456	2	SOLENOID COIL ASSY	
254	70025457	2	TUBE ASSY	

FIGURE 5-29. FENDER GROUP

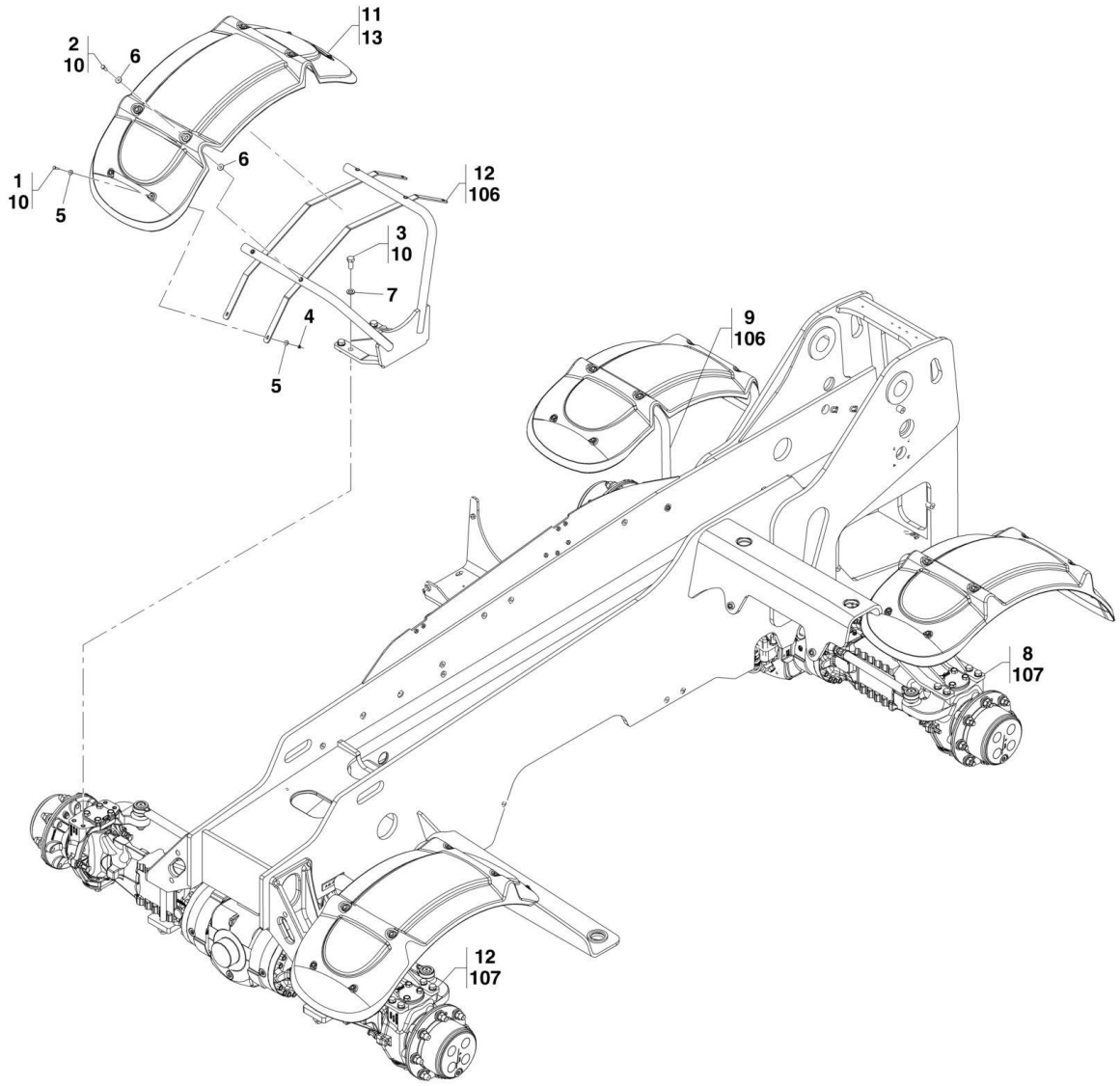
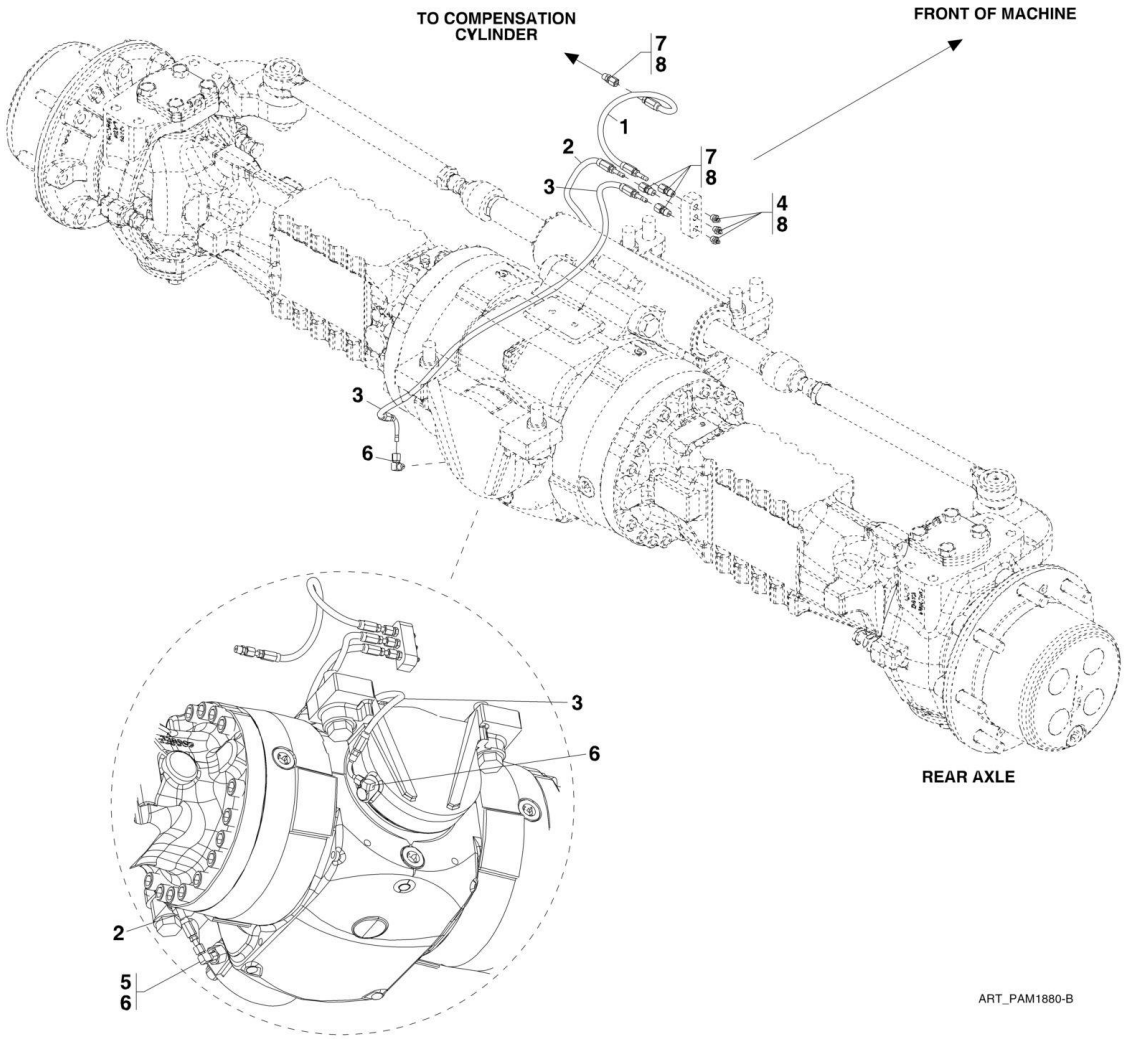


FIGURE 5-29. FENDER GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001116513	Ref	FENDER INSTALLATION (not available to order, see items 1 thru 13 for service) (37.6,3706PS)	C
	1001092767	Ref	FENDER INSTALLATION (not available to order, see items 1 thru 7 & 10 thru 107 for service) (33.7,37.7,3707PS)	E
	1001092859	Ref	FENDER INSTALLATION (not available to order, see items 1 thru 7, 10, 11, 106 & 107 for service) (4014PS)	E
	1001092860	Ref	FENDER INSTALLATION (not available to order, see items 1 thru 7, 10, 11, 13, 106 & 107 for service) (4017PS)	H
1	0700612	16	HEX HD CAPSCREW, M6X25, GR8.8, (torque to 8 Nm/6lb-ft)	
1	0760612	16	HEX HD CAPSCREW, M6X25, GR8.8 (torque to 12 Nm/9 lb-ft) (4017PS)	
2	0760812	16	HEX HD CAPSCREW, M8X25, GR8.8, (torque to 8 Nm/6 lb-ft)	
3	0761615	16	HEX HD CAPSCREW, M16X25, GR8.8	
4	3290605	16	HEX LOCKNUT, M6X1, GR8	
5	4811702	32	WASHER, 6 MM	
6	4811902	32	WASHER, 8 MM	
7	4812300	16	WASHER, 16 MM	
8	1001163514	1	LH REAR FENDER BRACKET (37.6,3706PS)	
9	1001163611	1	RH REAR FENDER BRACKET (37.6,3706PS)	
10	1001095650	AR	LOCTITE 243	
11	1001100845	3	FENDER (37.6,3706PS,4017PS)	
11	1001100845	4	FENDER (33.7,37.7,3707PS,4014PS)	
12	1001163311	2	FRONT FENDER BRACKET (37.6,3706PS)	
13	1001116543	1	CUT-OUT FENDER (37.6,3706PS)	
13	1001117995	1	CUT-OUT FENDER (4017PS)	
106	1001160056	2	LH FENDER BRACKET (33.7,37.7,3707PS)	
106	1001185163	2	LH FENDER BRACKET (4014PS)	
106	1001186262	2	LH FENDER BRACKET (4017PS)	
107	1001163145	2	RH FENDER BRACKET (33.7,37.7,3707PS)	
107	1001185165	2	RH FENDER BRACKET (4014PS)	
107	1001207964	NLA	RH FENDER BRACKET (no longer available, use 1001226638 for replacement) (4017PS)	
107	1001226638	2	RH FENDER BRACKET (4017PS)	

FIGURE 5-30. REMOTE GREASE SYSTEM INSTALLATION

3706PS, 3707PS, 33.7, 37.6 & 37.7



4014PS & 4017PS

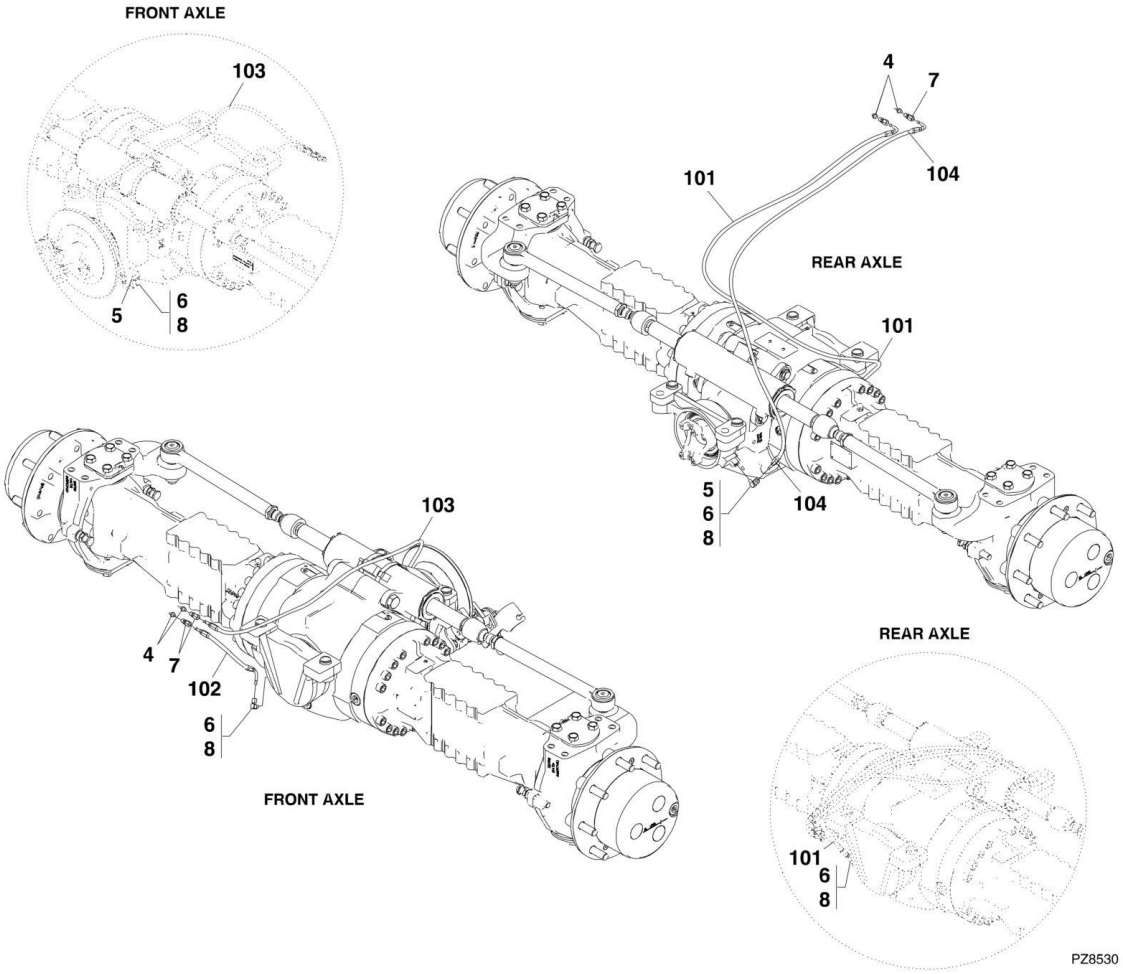


FIGURE 5-30. REMOTE GREASE SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101140	Ref	REMOTE GREASE SYSTEM INSTALLATION (not available to order, see items 1 thru 8 for service) (37.6,3706PS)	A
	1001101141	Ref	REMOTE GREASE SYSTEM INSTALLATION (not available to order, see items 1 thru 8 for service) (33.7,37.7,3707PS)	A
	1001101142	Ref	REMOTE GREASE SYSTEM INSTALLATION (not available to order, see items 4 thru 104 for service) (4014PS,4017PS)	B
1	1001101551	1	HOSE ASSY	
2	1001101558	1	HOSE ASSY (37.6,3706PS)	
2	1001101552	1	HOSE ASSY (33.7,37.7,3707PS)	
3	1001101559	1	HOSE ASSY (37.6,3706PS)	
3	1001101553	1	HOSE ASSY (33.7,37.7,3707PS)	
4	2160016	3	GREASE FITTING	
5	1001101560	1	GREASE ADAPTER	
6	1001101561	2	GREASE ELBOW, 90	
7	1001101563	4	GREASE ADAPTER	
8	1001095650	AR	LOCTITE 243	
101	1001101554	1	HOSE ASSY (4014PS,4017PS)	
102	1001101555	1	HOSE ASSY (4014PS,4017PS)	
103	1001101556	1	HOSE ASSY (4014PS,4017PS)	
104	1001101557	1	HOSE ASSY (4014PS,4017PS)	

FIGURE 5-31. TIRES AND WHEEL INSTALLATION

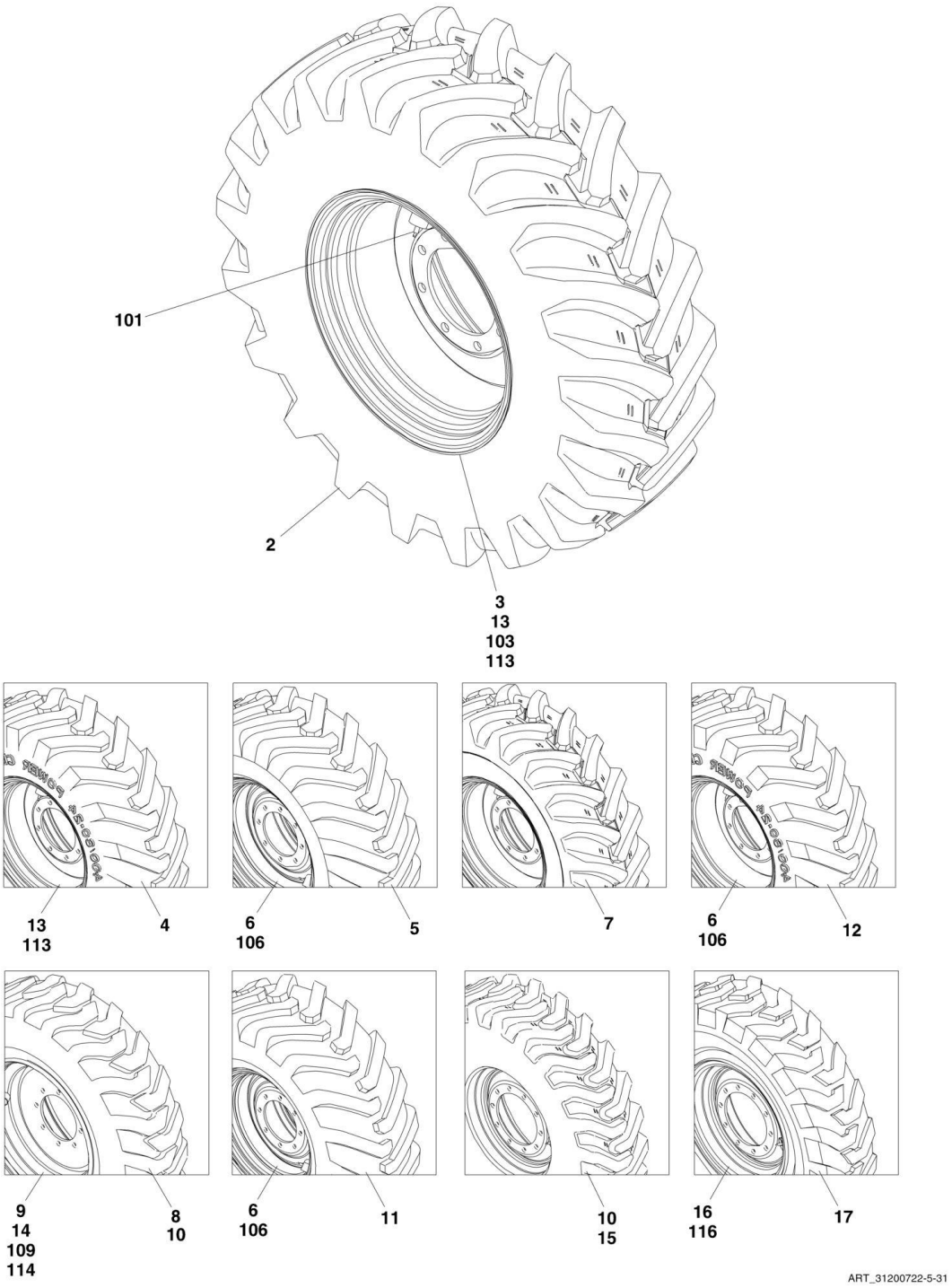


FIGURE 5-31. TIRES AND WHEEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142275	Ref	WHEEL SET, 15.5/80-24, 16PLY (Mitas) (Agricultural and Construction) (if equipped) (33.7,37.6,37.7,3706PS,3707PS)	D
	1001142276	2	RHS WHEEL, 15.5/80-24, 16PLY, (includes items 2 & 3) **(Prior to SN 1160008321)**	B
	1001216667	2	RHS WHEEL, 15.5/80-24, 16PLY, (includes items 2 & 3) **(SN 1160008321 to Present)**	A
	1001142277	2	LHS WHEEL, 15.5/80-24, 16PLY, (includes items 2 & 3) **(Prior to SN 1160008321)**	B
	1001216664	2	LHS WHEEL, 15.5/80-24, 16PLY **(SN 1160008321 to Present)**	A
	1001142315	Ref	WHEEL SET, 400/80-24 (Michelin) (Agricultural and Construction) (if equipped) (33.7,37.6,37.7,3706PS,3707PS)	B
	1001142281	2	RHS WHEEL, 400/80-24, (includes items 3 & 4) (33.7,37.6,37.7,3706PS,3707PS)	B
	1001142316	2	LHS WHEEL, 400/80-24, (includes items 3 & 4) (33.7,37.6,37.7,3706PS,3707PS)	B
	1001142285	Ref	WHEEL SET, 460/70-24 (Michelin) (Agricultural and Construction) (if equipped) (33.7,37.6,37.7,3706PS,3707PS)	C
	1001142286	2	RHS WHEEL, 460/70-24, (includes items 5 & 6) (33.7,37.6,37.7,3706PS,3707PS)	C
	1001142287	2	LHS WHEEL, 460/70-24, (includes items 5 & 6) (33.7,37.6,37.7,3706PS,3707PS)	C
	1001142278	Ref	WHEEL SET, 15.5/80-24, 14 PLY (Goodyear) (Agricultural and Construction) (if equipped) (33.7,37.6,37.7,3706PS,3707PS) **(Prior to SN 1160008319)**	C
	1001142279	2	RHS WHEEL, 15.5/80-24, 14 PLY, (includes items 3 & 7) (33.7,37.6,37.7,3706PS,3707PS)	B
	1001142280	2	LHS WHEEL, 15.5/80-24, 14 PLY, (includes items 3 & 7) (33.7,37.6,37.7,3706PS,3707PS)	B
	1001142294	Ref	WHEEL SET, 15.5X25, 12PLY BIAS (Goodyear) (Construction) (if equipped) (3706PS,3707PS)	B
	1001142295	2	RHS WHEEL, 15.5X25, 12PLY BIAS, (includes items 8 & 9) (3706PS,3707PS)	B
	1001142296	2	LHS WHEEL, 15.5X25, 12PLY BIAS, (includes items 8 & 9) (3706PS,3707PS)	B
	1001142291	Ref	WHEEL SET, 440/80-24 (Michelin) (Agricultural and Construction) (if equipped) (33.7,37.7,3707PS)	B
	1001142292	2	RHS WHEEL, 440/80-24, (includes items 6 & 11) (33.7,3706PS,3707PS)	B
	1001142293	2	LHS WHEEL, 440/80-24, (includes items 6 & 11) (33.7,3706PS,3707PS)	B
	1001142288	Ref	WHEEL SET, 500/70-24 (Michelin) (Agricultural and Construction) (if equipped) (33.7,37.7,3707PS)	C
	1001142289	2	RHS WHEEL, 500/70-24, (includes items 6 & 12) (33.7,3706PS,3707PS)	B
	1001142290	2	LHS WHEEL, 500/70-24, (includes items 6 & 12) (33.7,3706PS,3707PS)	B
	1001200143	Ref	WHEEL SET, 460/70-24 (Michelin) (Agricultural and Construction) (if equipped) (33.7,37.6,37.7,3706PS,3707PS)	A
	1001200141	2	RHS WHEEL, 460/700-24, (includes items 4 & 6) (33.7,37.6,37.7,3706PS,3707PS)	B
	1001200142	2	LHS WHEEL, 460/700-24, (includes items 4 & 6) (33.7,37.6,37.7,3706PS,3707PS)	B
	1001178300	Ref	WHEEL SET, 15.5X25, 12PLY BIAS (MICHELIN) (Agricultural and Construction) (if equipped) (33.7,37.6,37.7,3707PS)	B
	1001178298	2	RHS WHEEL, 15.5X25, 12PLY BIAS, , (includes items 8 & 9) (33.7,37.6,37.7,3707PS)	B

SECTION 5 - DRIVE TRAIN

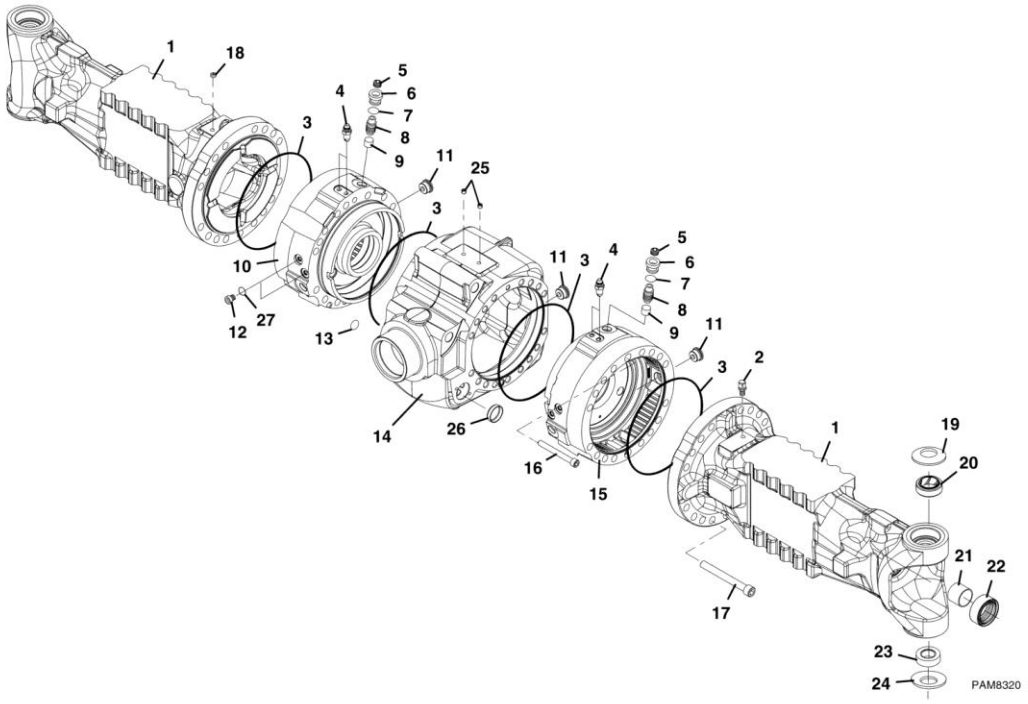
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178299	1	LHS WHEEL, 15.5X25, 12PLY BIAS, , (includes items 8 & 9) (33.7,37.6,37.7,3707PS)	B
	1001142300	Ref	WHEEL SET, 15.5/80-24, 16PLY (Mitas) (Construction) (if equipped) (4014PS)	D
	1001142301	2	RHS WHEEL, 15.5/80-24, 16PLY, (includes items 2 & 13) (4014PS) **(Prior to SN 1160008321)**	B
	1001214824	2	RHS WHEEL, 15.5/80-24, 16PLY, (includes items 2 & 13) (4014PS) **(SN 1160008321 to Present)**	A
	1001142302	2	LHS WHEEL, 15.5/80-24, 16PLY, (includes items 2 & 13) (4014PS) **(Prior to SN 1160008321)**	B
	1001214823	2	LHS WHEEL, 15.5/80-24, 16PLY, (includes items 2 & 13) (4014PS) **(SN 1160008321 to Present)**	A
	1001142306	Ref	WHEEL SET, 15.5X25, 12 PLY BIAS (Goodyear) (Construction) (if equipped) (4014PS)	B
	1001142307	2	RHS WHEEL, 15.5X25, 12 PLY BIAS, (includes items 8 & 14) (4014PS)	B
	1001142308	2	LHS WHEEL, 15.5X25, 12 PLY BIAS, (includes items 8 & 14) (4014PS)	B
	1001142303	Ref	WHEEL SET, 440/80-24 (Michelin) (Construction) (if equipped) (4014PS)	B
	1001142304	2	RHS WHEEL, 440/80-24, (includes items 4 & 13) (4014PS)	B
	1001142305	2	LHS WHEEL, 440/80-24, (includes items 4 & 13) (4014PS)	B
	1001142282	Ref	WHEEL SET, 440/80-24 (Michelin) (Construction) (if equipped) (4014PS)	B
	1001142283	2	RHS WHEEL, 440/80-24, (includes items 3 & 11) (4014PS)	B
	1001142284	2	LHS WHEEL, 440/80-24, (includes items 3 & 11) (4014PS)	B
	1001142309	Ref	WHEEL SET, 14.00-24 (Mitas) (Construction) (if equipped) (4017PS)	C
	1001142310	2	RHS WHEEL, 14.0-24, (includes items 15 & 16) (4017PS)	B
	1001142311	2	LHS WHEEL, 14.0-24, (includes items 15 & 16) (4017PS)	B
	1001142312	Ref	WHEEL SET, 14.00-24 (Goodyear) (Construction) (if equipped) (4017PS)	C
	1001142313	2	RHS WHEEL, 14.0-24, (includes items 16 & 17) (4017PS)	B
	1001142314	2	LHS WHEEL, 14.0-24, (includes items 16 & 17) (4017PS)	B
	1001190506	Ref	WHEEL SET, 460/65R24 (Nokian) (Construction) (if equipped) (4017PS)	A
	1001190507	2	RHS WHEEL, 460/65R24, (includes items 3 & 4) (4017PS)	B
	1001190508	2	LHS WHEEL, 460/65R24, (includes items 3 & 4) (4017PS)	B
	1001191691	Ref	WHEEL SET, 400/80-24 (Michelin) (Construction) (if equipped) (4017PS)	A
	1001191692	2	RHS WHEEL, 400/80-24, (includes items 3 & 4) (4017PS)	B
	1001191693	2	LHS WHEEL, 400/80-24, (includes items 3 & 4) (4017PS)	B
2	1001007846	1	TIRE, 15.5/80-24, 16PLY **(Prior to SN 1160008321)**	
2	1001214479	1	TIRE, 15.5/80-24, 16PLY **(SN 1160008321 to Present)**	
3	1001212584	1	WHEEL, RH RIM ASSEMBLY (includes items 101 & 103)	
3	1001212584	1	WHEEL, RH RIM ASSEMBLY (includes items 101 & 103) (Mitas) (Agricultural and Construction) (if equipped) (33.7,37.6,37.7,3706PS,3707PS) **(Prior to SN 1160008321)**	
3	1001216661	1	WHEEL, RH RIM ASSEMBLY (includes items 101 & 103) (Mitas) (Agricultural and Construction) (if equipped) (33.7,37.6,37.7,3706PS,3707PS) **(SN 1160008321 to Present)**	
3	1001212585	1	WHEEL, LH RIM ASSEMBLY (includes items 101 & 103) (Mitas) (Agricultural and Construction) (if equipped) (33.7,37.6,37.7,3706PS,3707PS) **(Prior to SN 1160008321)**	

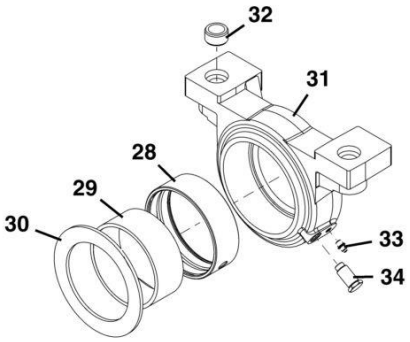
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
3	1001216658	1	WHEEL, LH RIM ASSEMBLY (includes items 101 & 103) (Mitas) (Agricultural and Construction) (if equipped) (33.7,37.6,37.7,3706PS,3707PS) **(SN 1160008321 to Present)**	
3	1001212587	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 103)	
3	1001212588	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 103)	
3	1001212594	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 103)	
3	1001212595	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 103)	
3	1001212610	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 103)	
3	1001212611	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 103)	
3	1001212618	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 103)	
3	1001212619	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 103)	
3	1001212616	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 103)	
3	1001212617	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 103)	
4	1001099204	1	TIRE, 400/80-24	
4	1001190738	1	TIRE, 460/65R24	
4	1001199390	1	TIRE, 460/70-24	
5	1001092008	1	TIRE, 460/70-24	
6	1001212590	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 106)	
6	1001212591	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 106)	
6	1001212598	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 106)	
6	1001212599	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 106)	
6	1001212600	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 106)	
6	1001212601	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 106)	
6	1001212596	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 106)	
6	1001212597	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 106)	
7	1001092242	1	TIRE, 15.5/80-24, 14PLY **(Prior to SN 1160008319)**	
8	1001003360	1	TIRE, 15.5X25, 12PLY BIAS	
8	1001172807	1	TIRE, 15.5X25, 12PLY BIAS	
9	1001212592	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 109)	
9	1001212593	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 109)	
9	1001212603	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 109)	
9	1001212602	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 109)	
10	1001004771	AR	FOAM FILL	
11	1001100651	1	TIRE, 440/80-24	
12	1001092009	1	TIRE, 500/70-24	
13	1001212604	1	WHEEL, RH RIM ASSEMBLY (includes items 101 & 113) (Michelin) (Construction) (if equipped) (4014PS)	
13	1001212604	1	WHEEL, RH RIM ASSEMBLY (includes items 101 & 113) (Mitas) (Construction) (if equipped) (4014PS) **(Prior to SN 1160008321)**	
13	1001214822	1	WHEEL, RH RIM ASSEMBLY (includes items 101 & 113) (Mitas) (Construction) (if equipped) (4014PS) **(SN 1160008321 to Present)**	
13	1001212605	1	WHEEL, LH RIM ASSEMBLY (includes items 101 & 113) (Michelin) (Construction) (if equipped) (4014PS)	
13	1001212605	1	WHEEL, LH RIM ASSEMBLY (includes items 101 & 113) (Mitas) (Construction) (if equipped) (4014PS) **(Prior to SN 1160008321)**	
13	1001214821	1	WHEEL, LH RIM ASSEMBLY (includes items 101 & 113) (Mitas) (Construction) (if equipped) (4014PS) **(SN 1160008321 to Present)**	
13	1001212608	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 113)	
13	1001212609	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 113)	
14	1001212606	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 114)	
14	1001212607	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 114)	
15	1001006814	1	TIRE, 14.00-24	
16	1001212612	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 116)	

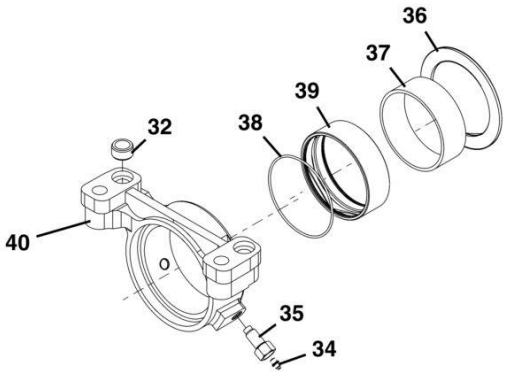
SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
16	1001212613	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 116)	
16	1001212614	1	WHEEL, RH RIM ASSEMBLY, (includes items 101 & 116)	
16	1001212615	1	WHEEL, LH RIM ASSEMBLY, (includes items 101 & 116)	
17	1001003334	1	TIRE, 14.00-24	
101	1001008719	1	VALVE GROUP	
103	1001142317	1	WHEEL, (DW14LX24)	
103	1001190739J	1	WHEEL, (DW14LX24)	
106	1001142318	1	WHEEL, (DW15LX24)	
109	1001142319	1	WHEEL, (12.00/1.3X25)	
113	1001142320	1	WHEEL, (DW14LX24)	
114	1001142321	1	WHEEL, (12.00/1.3X24)	
116	1001142322	1	WHEEL, (9.00/1.5X24)	

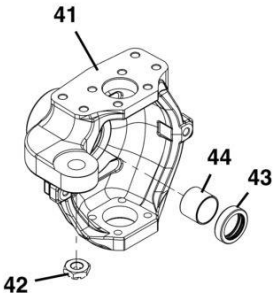
FIGURE 5-32. FRONT AXLE ASSEMBLY (HYDRAULIC PARK BRAKE) (4014PS)

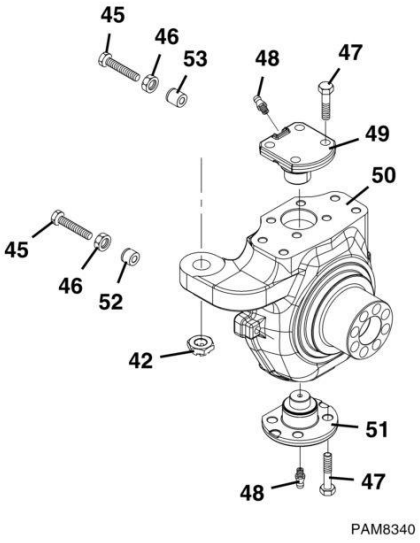


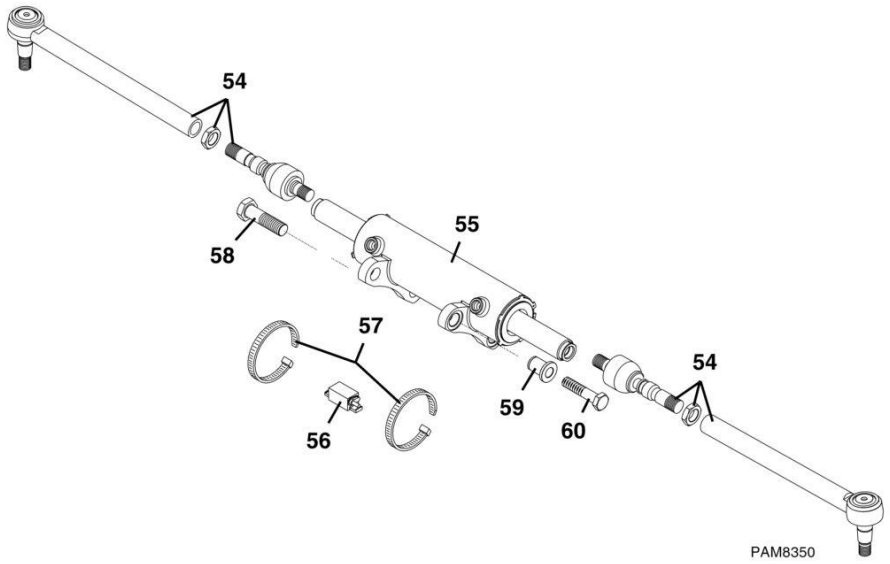


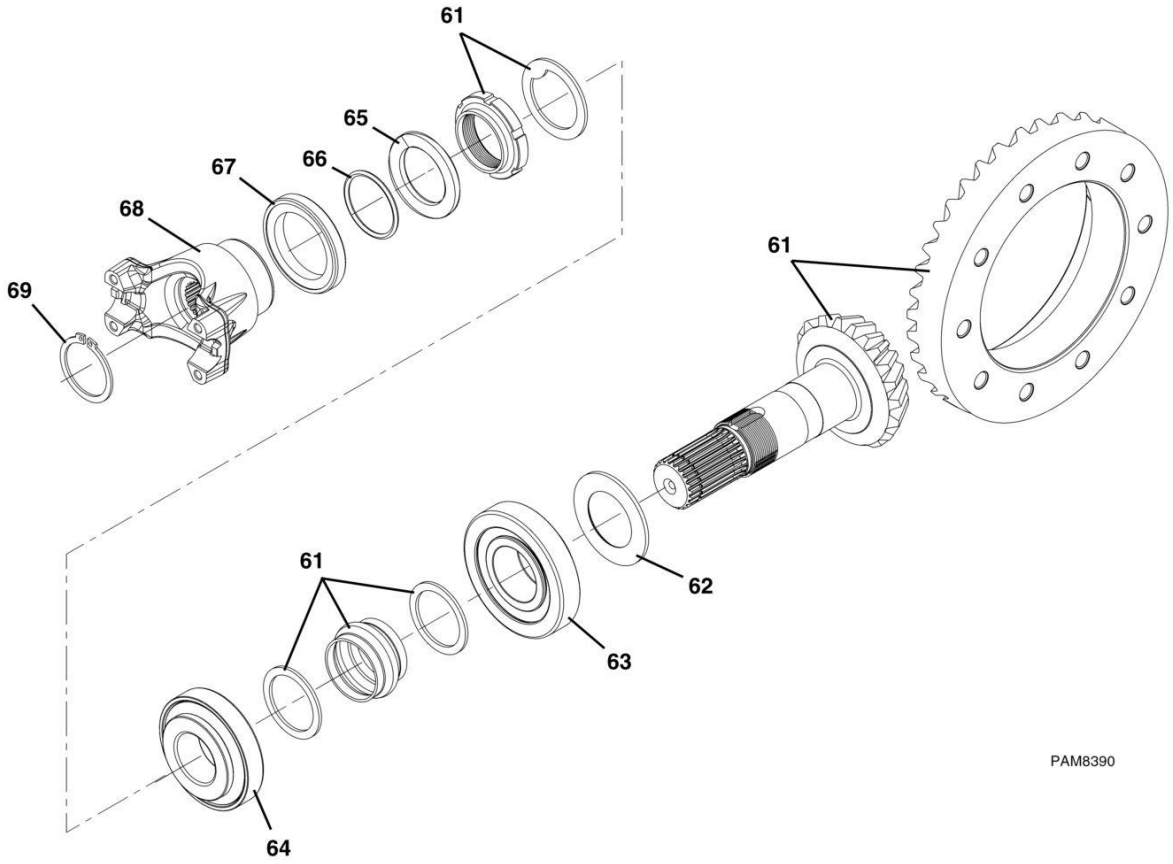


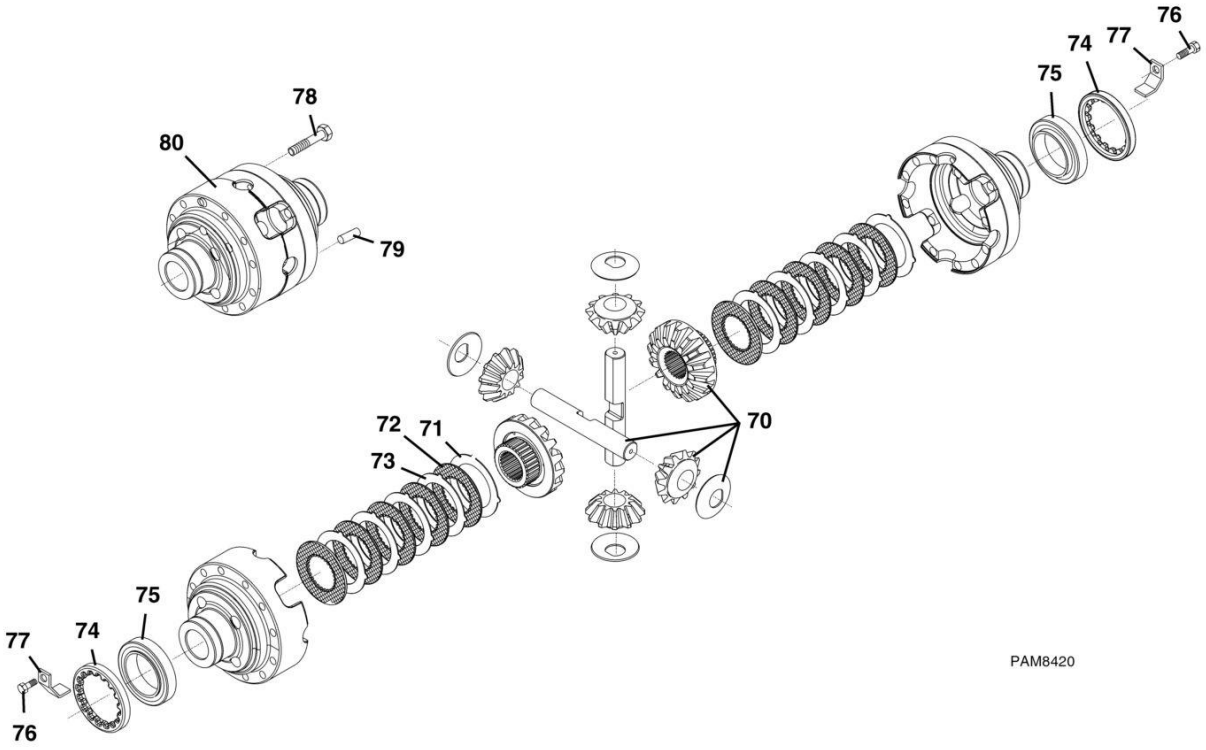
PAM8330

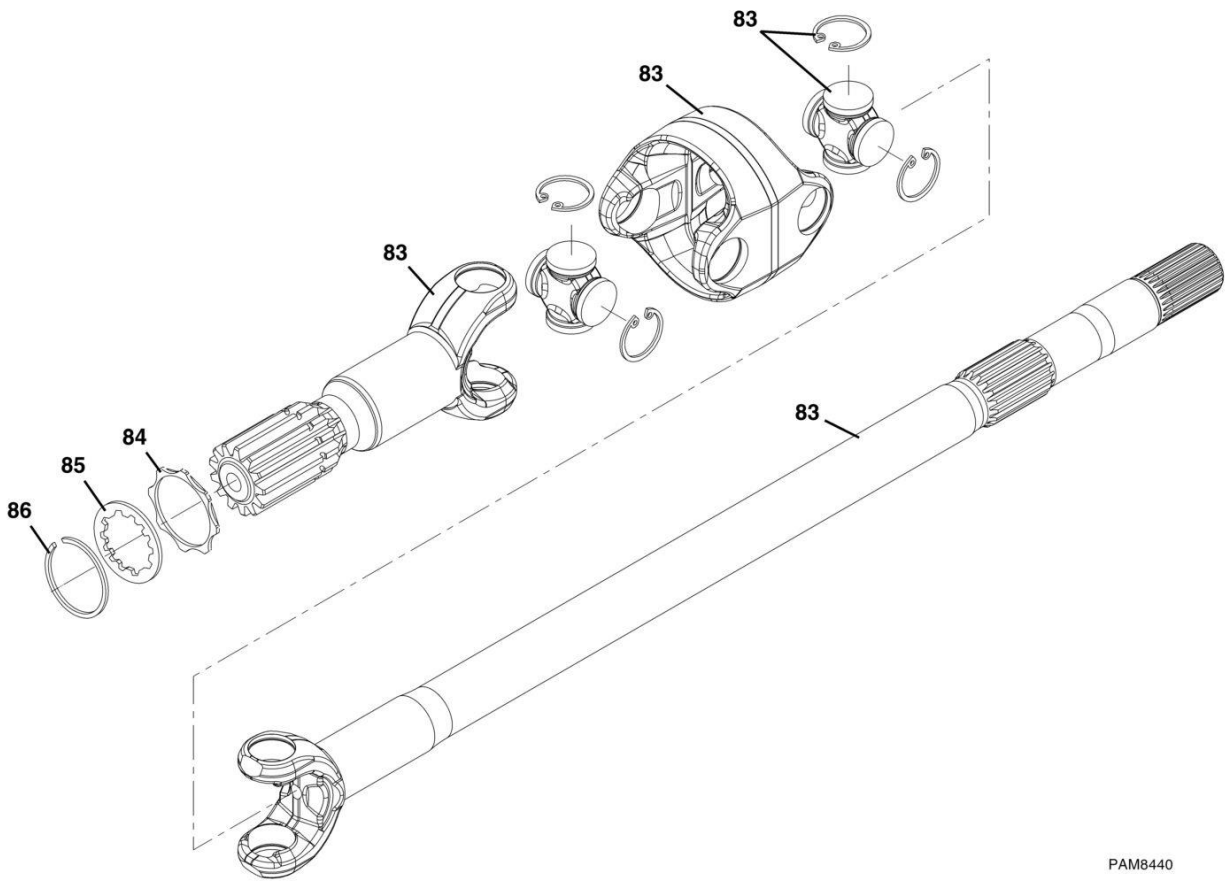

41
44
43
42

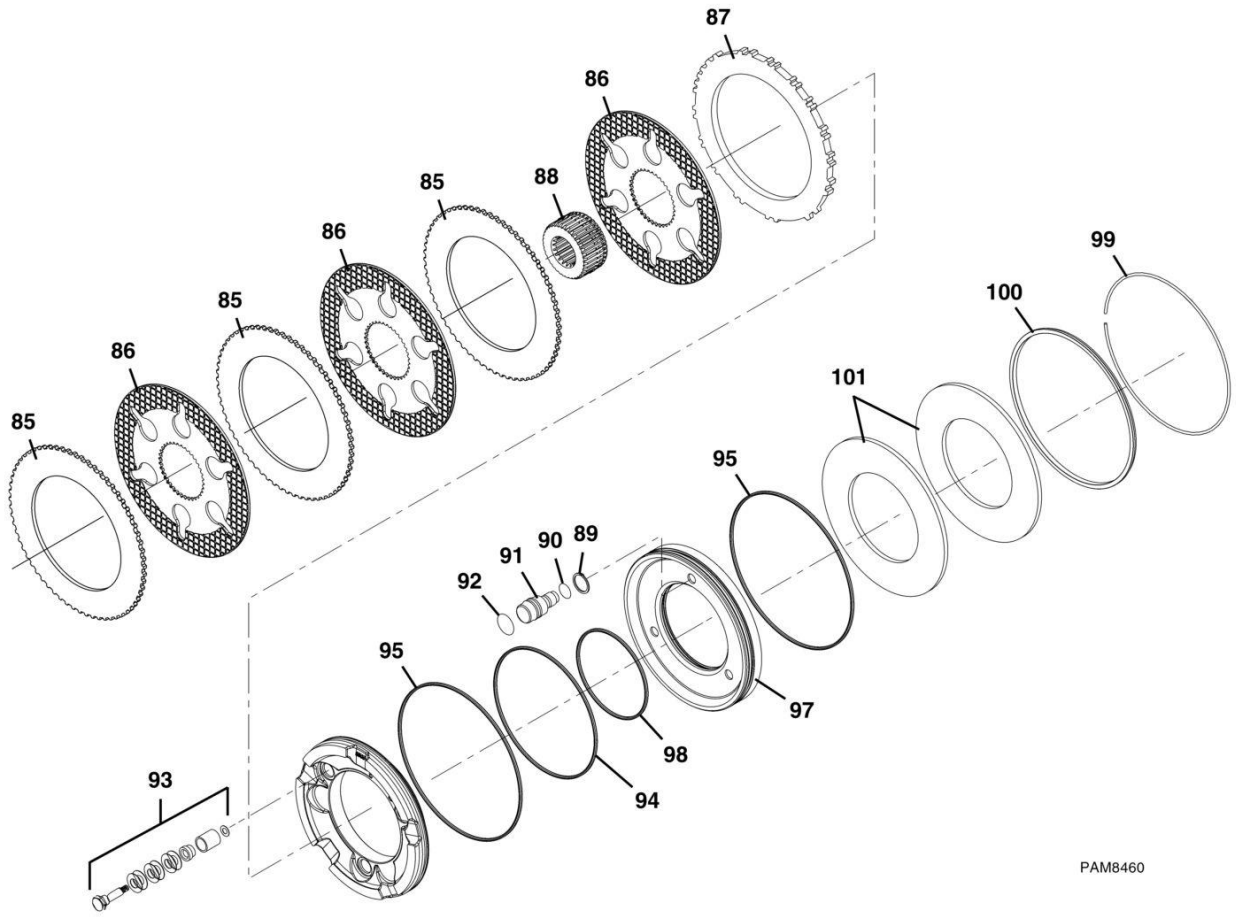

45
46
53
48
47
49
50
45
46
52
42
51
48
47
PAM8340

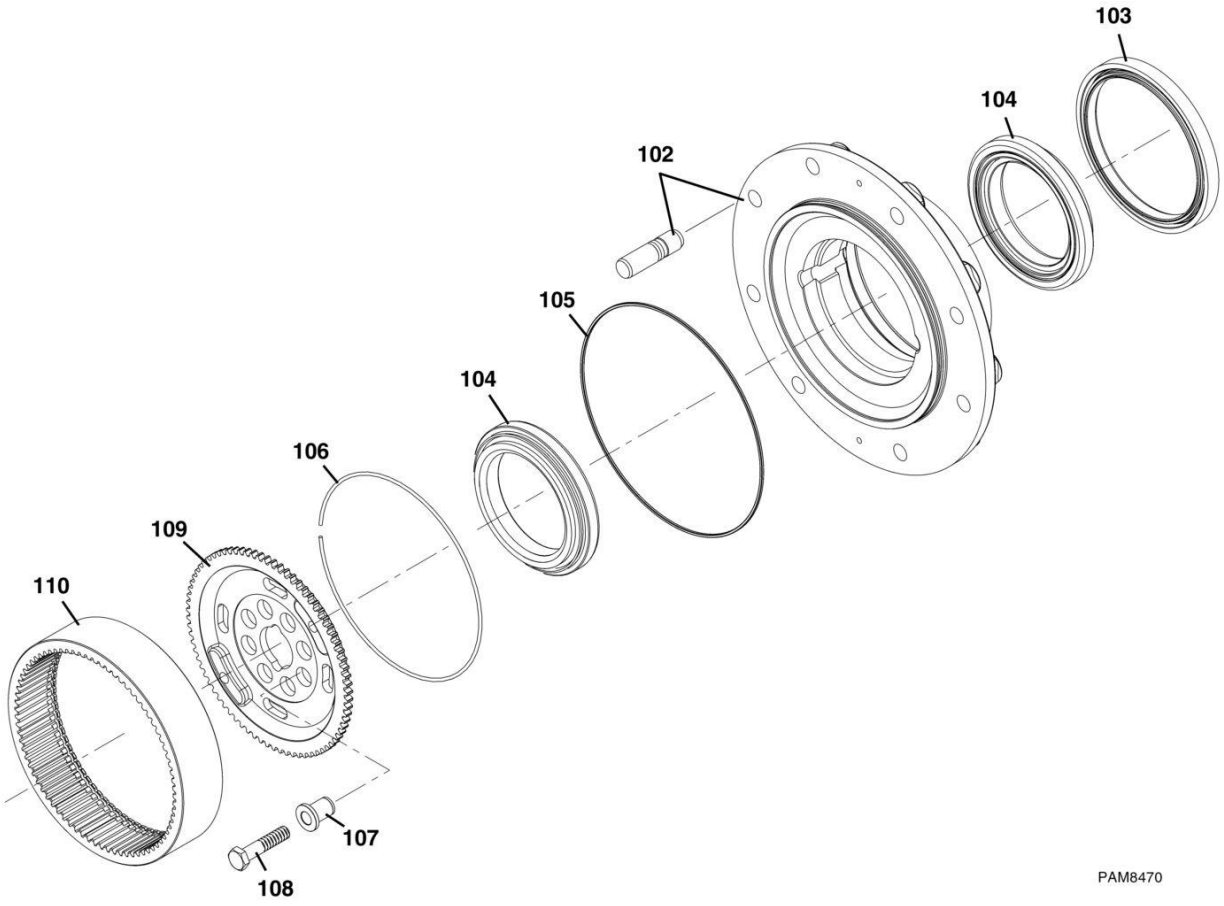

54
58
55
57
56
59
60
54
PAM8350


61
65
66
67
68
69
61
61
62
63
64
PAM8390


76
77
74
75
78
80
79
70
72
71
73
75
74
77
76
PAM8420


83
83
83
83
84
85
86
PAM8440


87
86
88
85
86
85
86
85
99
100
101
95
89
90
91
92
95
97
98
94
93
PAM8460


103
104
102
105
104
106
109
110
107
108
PAM8470

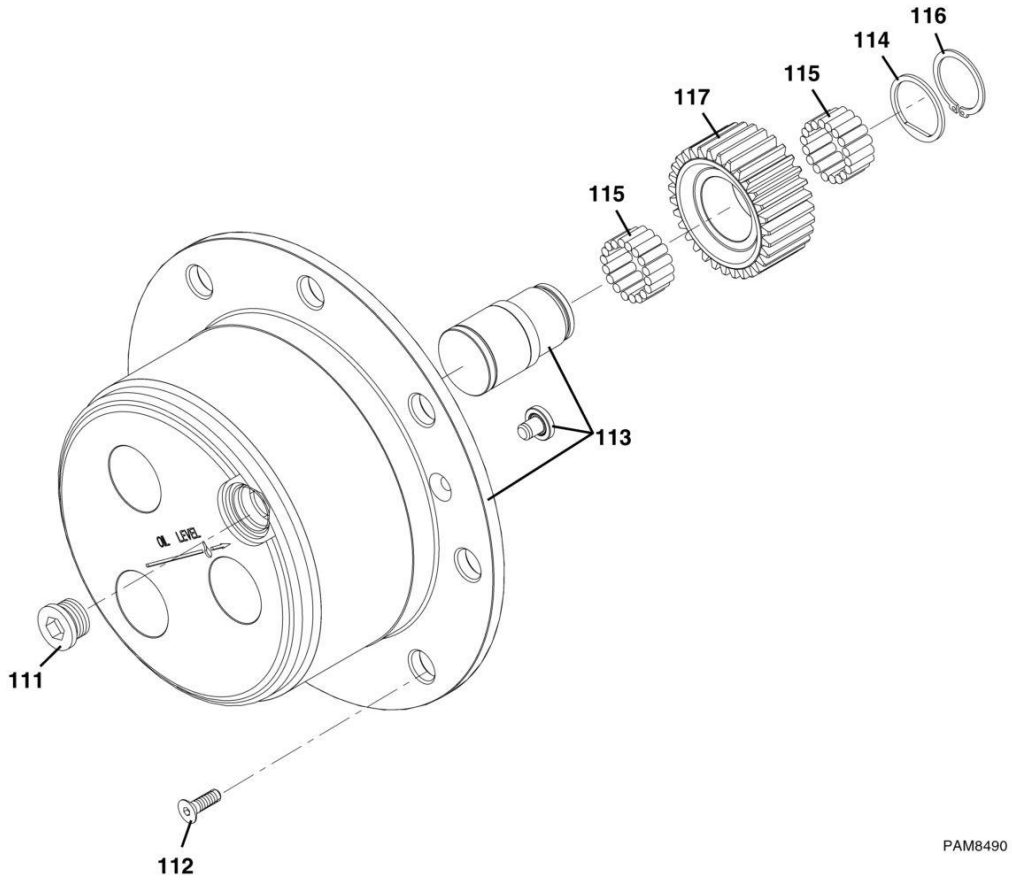

116
114
115
117
115
113
OIL LEVEL
111
112
PAM8490

FIGURE 5-32. FRONT AXLE ASSEMBLY (HYDRAULIC PARK BRAKE) (4014PS)

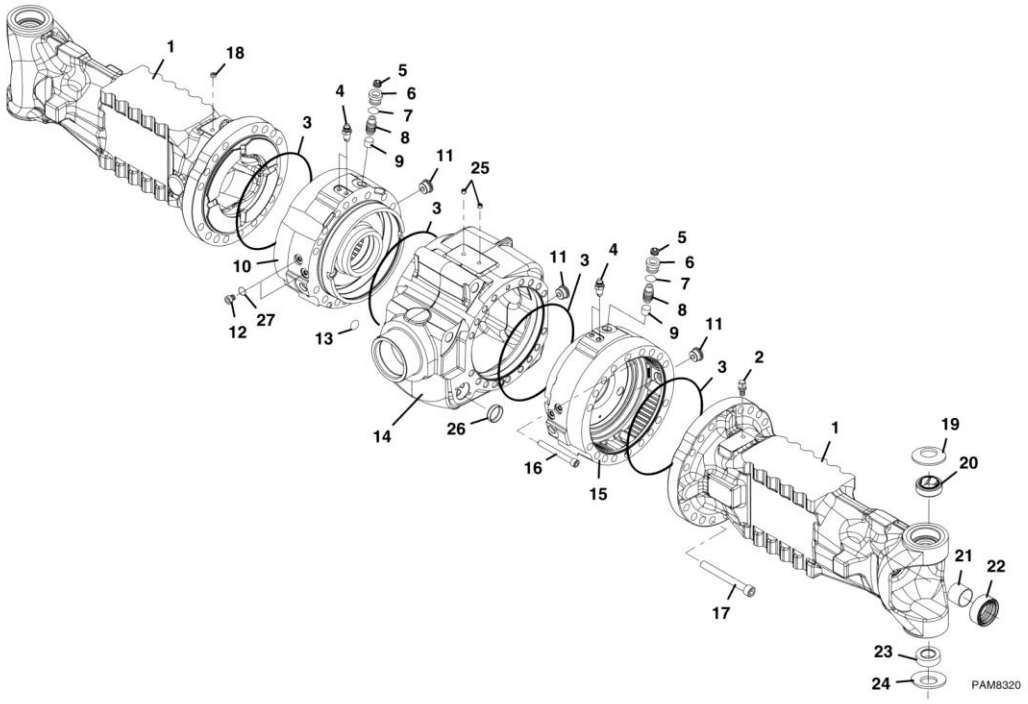
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152553	Ref	FRONT AXLE (if equipped with hydraulic park brake), (includes items 1 thru 117)	B
1	70020985	2	LEG HOUSING	
2	91474058	1	BREATHER	
3	91474038	4	O-RING	
4	91474039	4	BREATHER	
5	91474075	6	PLUG	
6	91474064	6	BOLT	
7	91474065	6	O-RING	
8	91474066	6	BOLT	
9	91474067	6	PIN	
10	70025865	1	LH BRAKE CYLINDER	
11	91474037	3	PLUG	
12	91364039	4	PLUG	
13	91474068	2	O-RING	
14	70022152	1	CENTRAL BODY	
15	70025866	1	RH BRAKE CYLINDER	
16	91474050	2	BOLT	
17	91364028	34	BOLT	
18	91474041	1	PLUG	
19	91474051	2	WASHER	
20	91474053	2	BUSHING	
21	91474054	2	BUSHING	
22	91474055	2	SEAL RING	
23	70025867	2	SPHERICAL BEARING	
24	91474057	2	WASHER	
25	7028513	2	SCREW	
26	7028455	2	PLUG	
27	8033609	4	WASHER	
28	91474047	1	BUSHING	
29	91474048	1	BUSHING	
30	7028466	1	THRUST WASHER	
31	91474044	1	FRONT WASHER	
32	91474043	4	BUSHING	
33	91474045	2	GREASE NIPPLE	
34	91474046	1	BOLT	
35	91474073	1	BOLT	
36	91474069	1	THRUST WASHER	
37	91474072	1	BUSHING	
38	91474071	1	O-RING	
39	8035118	1	BUSHING	
40	8035120	1	REAR SUPPORT	
41	70020942	1	LH SWIVEL HOUSING	
42	91474082	2	NUT	
43	91474086	2	SEAL RING	
44	91474087	2	BUSHING	
45	91474091	4	BOLT	
46	91474092	4	NUT	
47	91474094	16	BOLT	
48	91474095	4	GREASE NIPPLE	

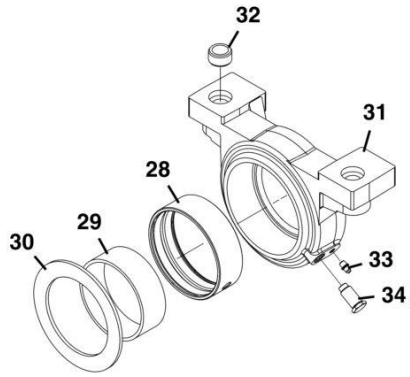
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	91474093	2	KING PIN	
50	70020947	1	RH SWIVEL HOUSING	
51	91474096	2	KING PIN	
52	70020986	2	BUSHING	
53	70025868	2	BUSHING	
54	70020939	2	STEERING ARM ASSY	
55	70020941	1	STEERING CYLINDER	
56	1001113287	1	SENSOR	
57	70021002	2	HOSE	
58	91474083	2	BOLT	
59	91474084	2	BUSHING	
60	91474085	2	BOLT	
61	70020948	1	BEVEL GEAR SET	
62	70020950	AR	SHIM 2.50MM	
62	70020951	AR	SHIM 2.60MM	
62	70020952	AR	SHIM 2.70MM	
62	70020953	AR	SHIM 2.80MM	
62	70020954	AR	SHIM 2.90MM	
62	70020955	AR	SHIM 3.00MM	
62	70020956	AR	SHIM 3.10MM	
62	70020957	AR	SHIM 3.20MM	
62	70020958	AR	SHIM 3.30MM	
62	70020959	AR	SHIM 3.30MM	
63	91364070	1	BEARING	
64	7028403	1	BEARING	
65	91474115	1	WASHER	
66	91474116	1	O-RING	
67	7028478	1	SEAL RING	
68	70025874	1	FLANGE	
69	91474119	1	SNAP RING	
70	70020965	1	DIFFERENTIAL KIT	
71	91364056	2	DIFFERENTIAL PLATE	
72	91364052	10	DIFFERENTIAL DRIVE PLATE	
73	91364053	8	DIFFERENTIAL PLATE	
74	91474128	1	RING NUT	
75	91364050	2	BEARING	
76	8035180	2	BOLT	
77	91474126	2	LOCKING PLATE	
78	91364048	10	BOLT	
79	91364049	1	PIN	
80	70020967	1	DIFFERENTIAL HOUSING	
81	70020968	2	DOUBLE JOINT	
82	70020969	2	THRUST WASHER	
83	70022080	2	WASHER	
84	70022081	2	SNAP RING	
85	91474141	6	BRAKE COUNTER DISC	
86	70022082	6	BRAKE DISC	
87	91474139	2	BRAKE COUNTER DISK	
88	91474142	2	HUB	
89	91364041	6	SNAP RING D12	
90	91474149	6	O-RING	

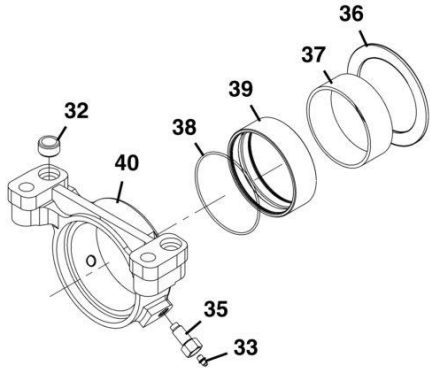
SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
91	91364042	6	PIN	
92	91474151	6	O-RING	
93	91474152	2	SELF-ADJUST KIT	
94	91474136	2	O-RING	
95	91474137	4	O-RING	
96	91474138	2	POSITIVE BRAKE PISTON	
97	91474146	2	NEGATIVE BRAKE PISTON	
98	91474147	2	O-RING	
99	91474143	2	LOCK RING	
100	91474144	2	HUB	
101	91474145	4	WASHER	
102	70020972	2	WHEEL HUB KIT	
103	91474161	2	SEAL RING	
104	70026828	4	BEARING	
105	70022083	2	O-RING	
106	7028423	2	RING	
107	91474160	16	CENTERING BUSH	
108	91474085	16	BOLT M14X65	
109	7028417	2	WHEEL CARRIER	
110	70020976	2	CROWN GEAR Z=60	
111	91474037	2	PLUG M30X2	
112	8035235	4	BOLT M8X20	
113	70021001	2	PLANETARY CARRIER ASSY	
114	7028509	6	THRUST WASHER	
115	91474163	336	NEEDLE BEARINGS (by tens)	
116	7028508	6	SNAP RING	
117	7028510	6	GEAR Z23	

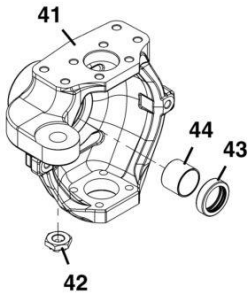
FIGURE 5-33. FRONT AXLE ASSEMBLY (HYDRAULIC PARK BRAKE) (4017PS)

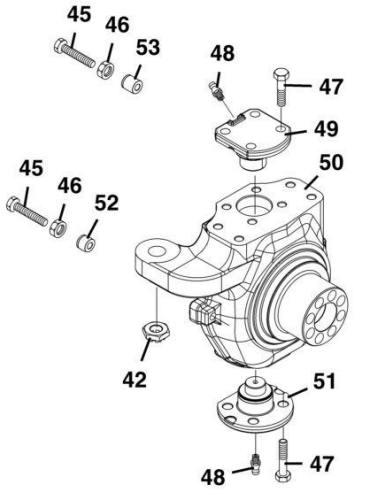




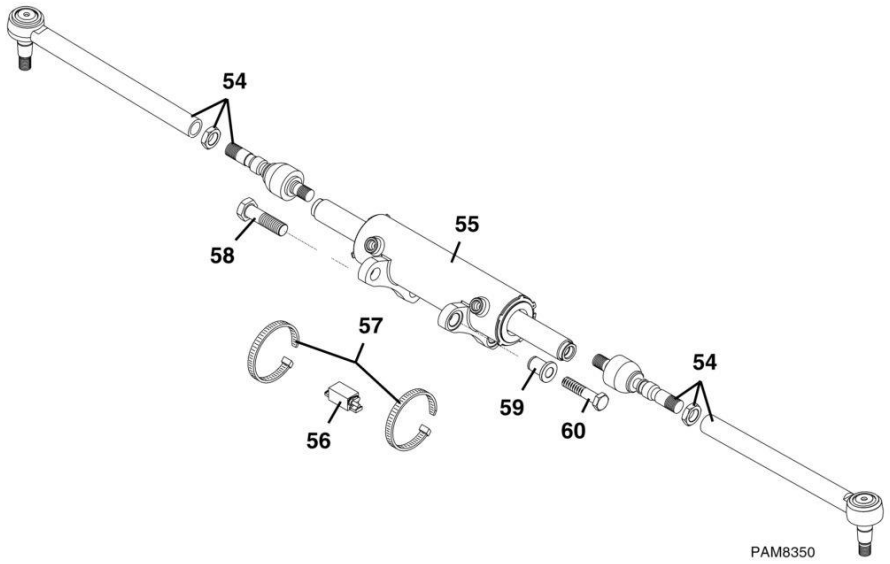


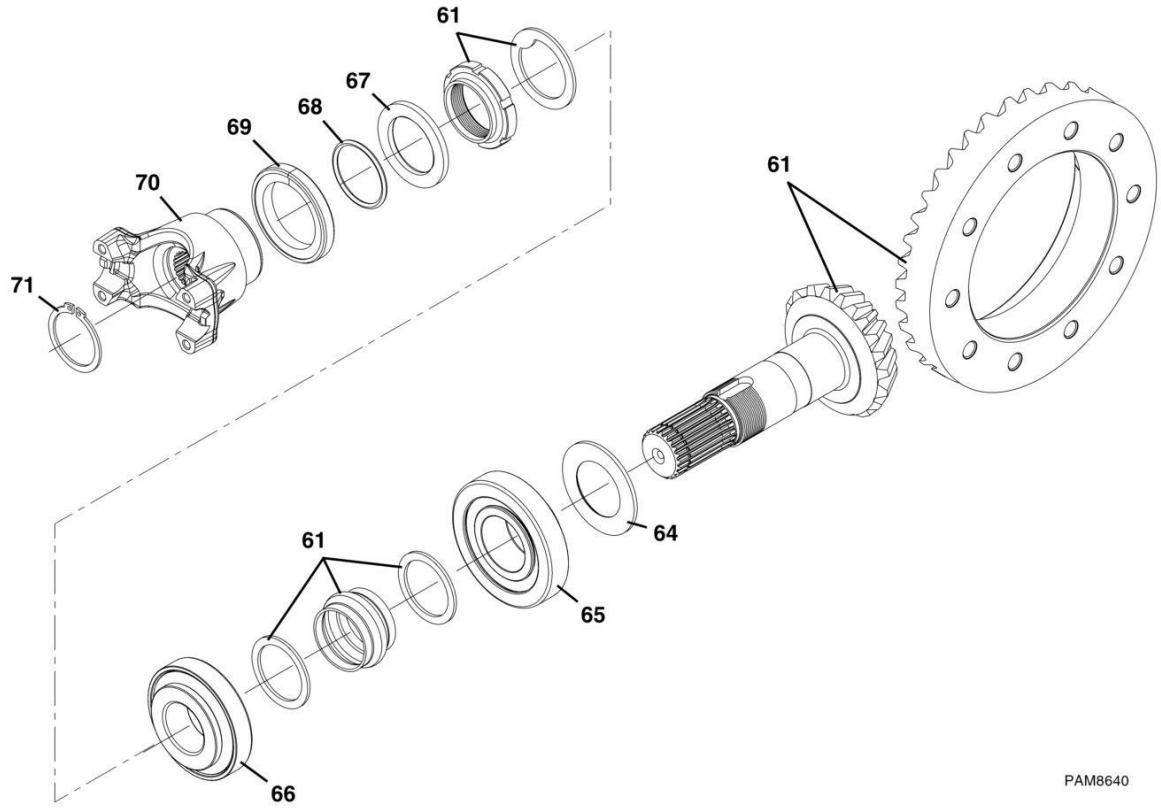
PAM8610

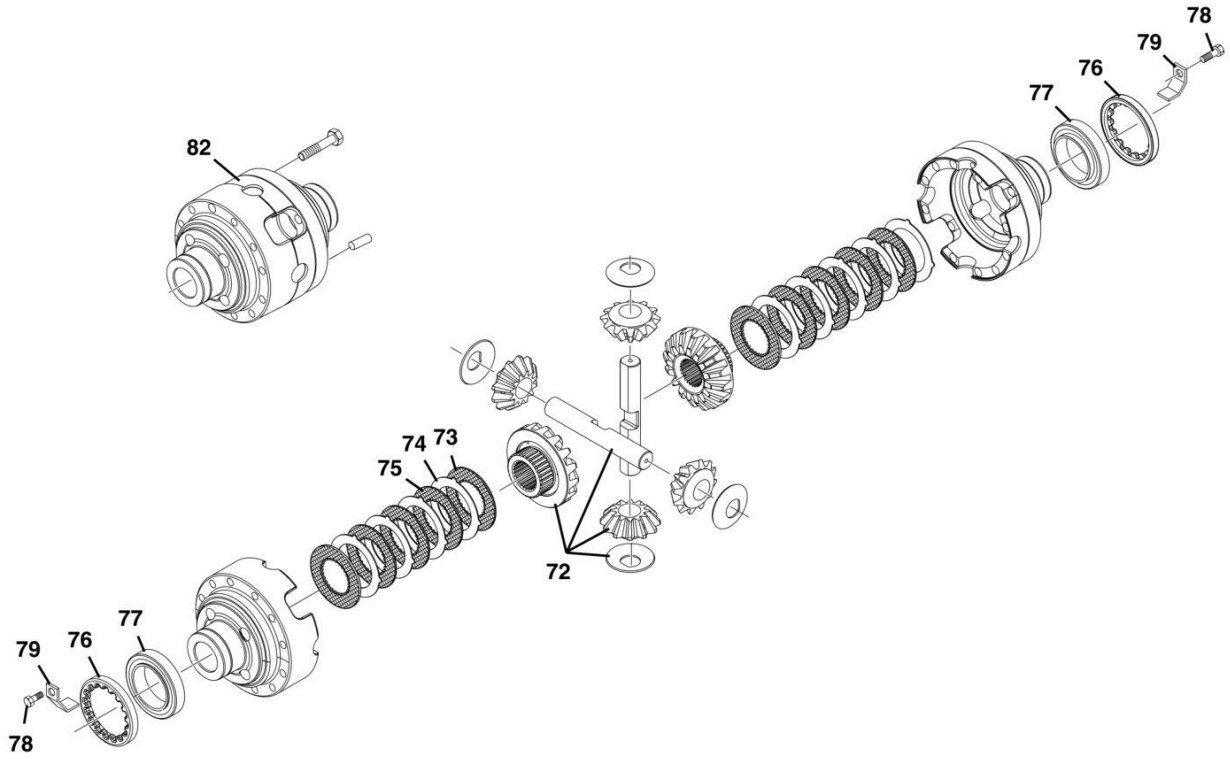




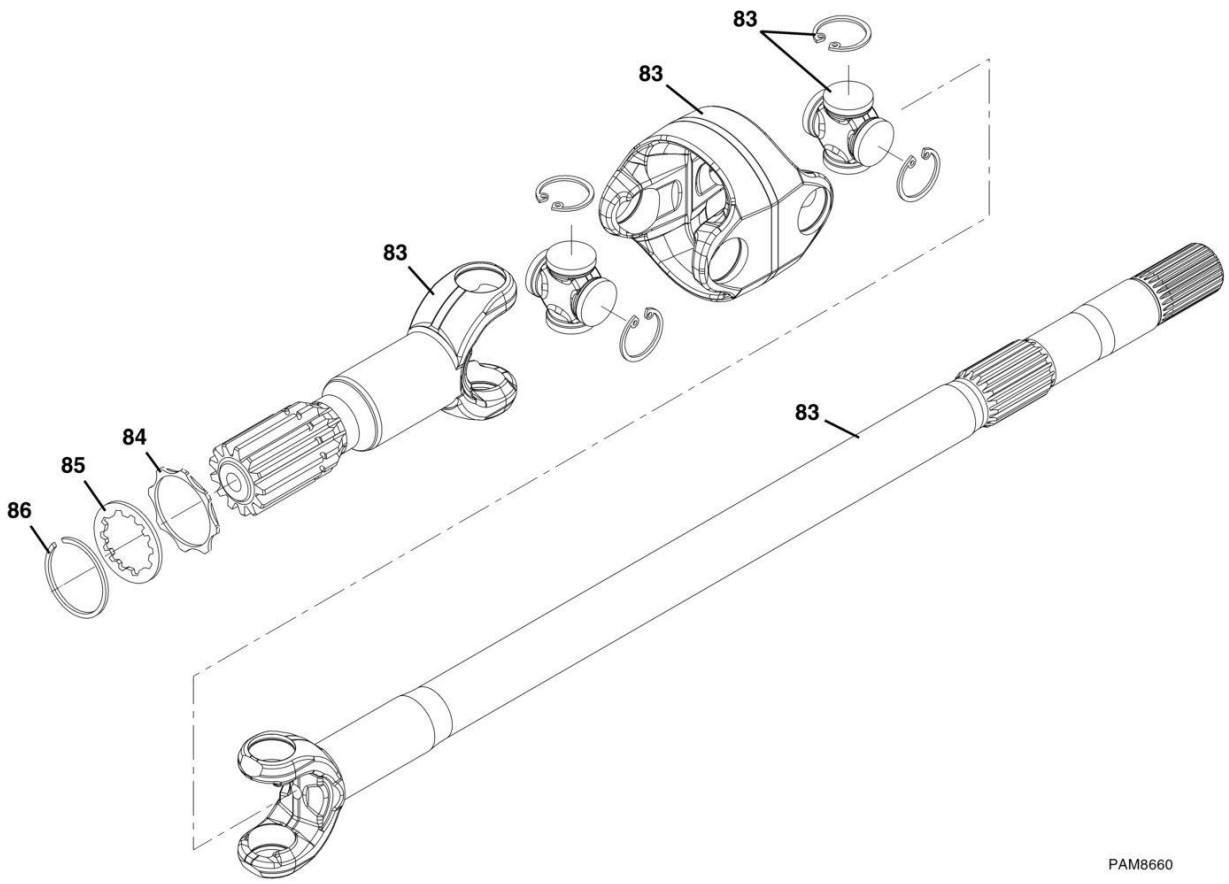
PAM8620

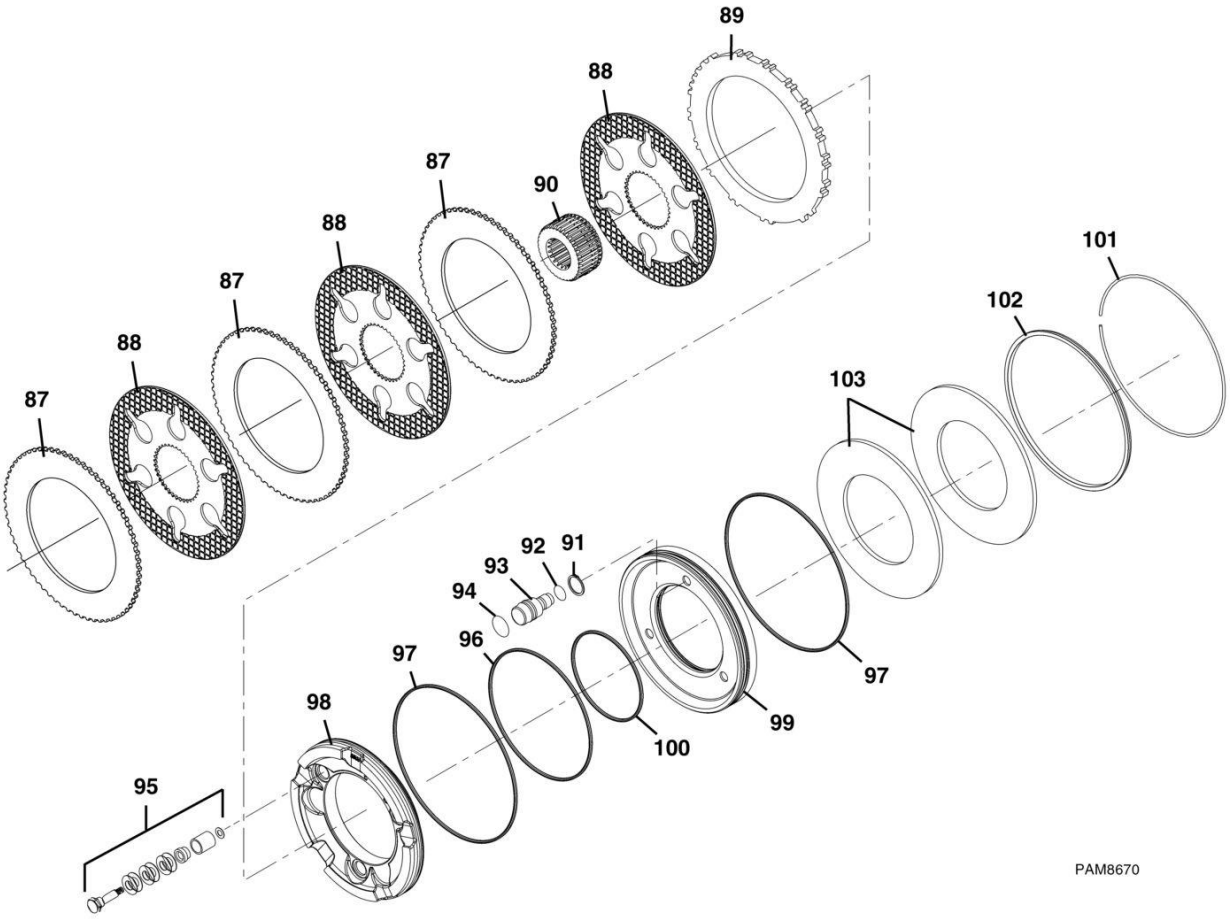

54
58
55
57
56
59
60
54
PAM8350

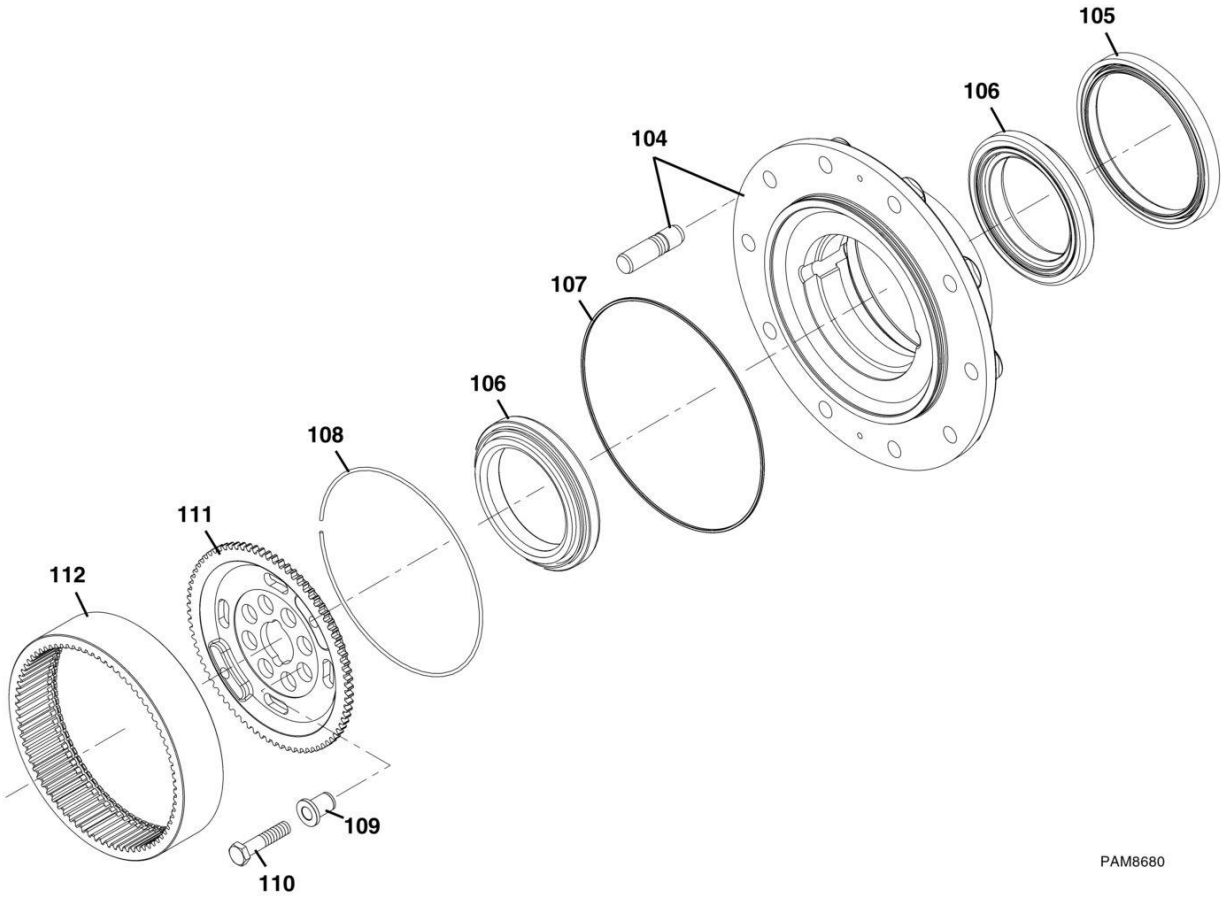

61
67
68
69
70
71
61
64
61
65
66
PAM8640



PAM8650


83
83
83
83
84
85
86
PAM8660


89
88
87
90
88
87
88
87
101
102
103
92
91
93
94
96
97
97
98
99
100
95
PAM8670


105
106
104
107
106
108
111
112
109
110
PAM8680

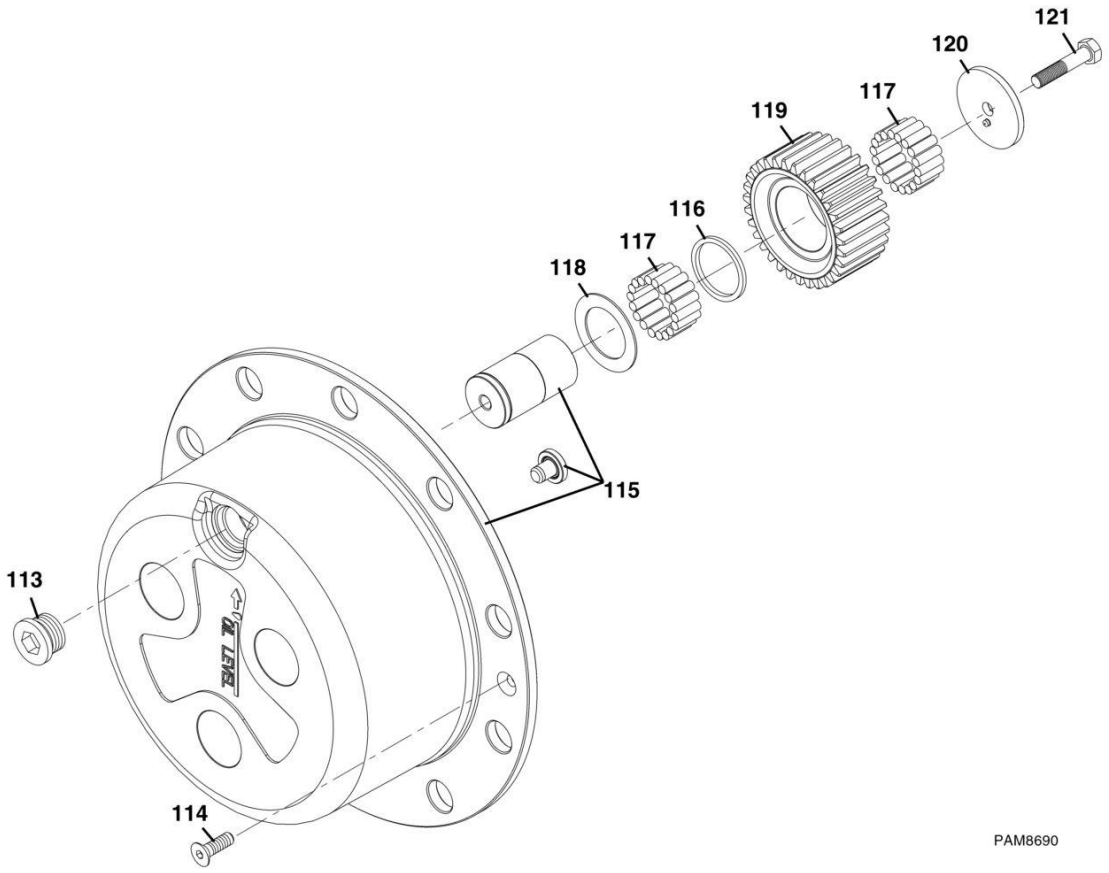

121
120
117
119
116
117
118
115
113
114
PAM8690

FIGURE 5-33. FRONT AXLE ASSEMBLY (HYDRAULIC PARK BRAKE) (4017PS)

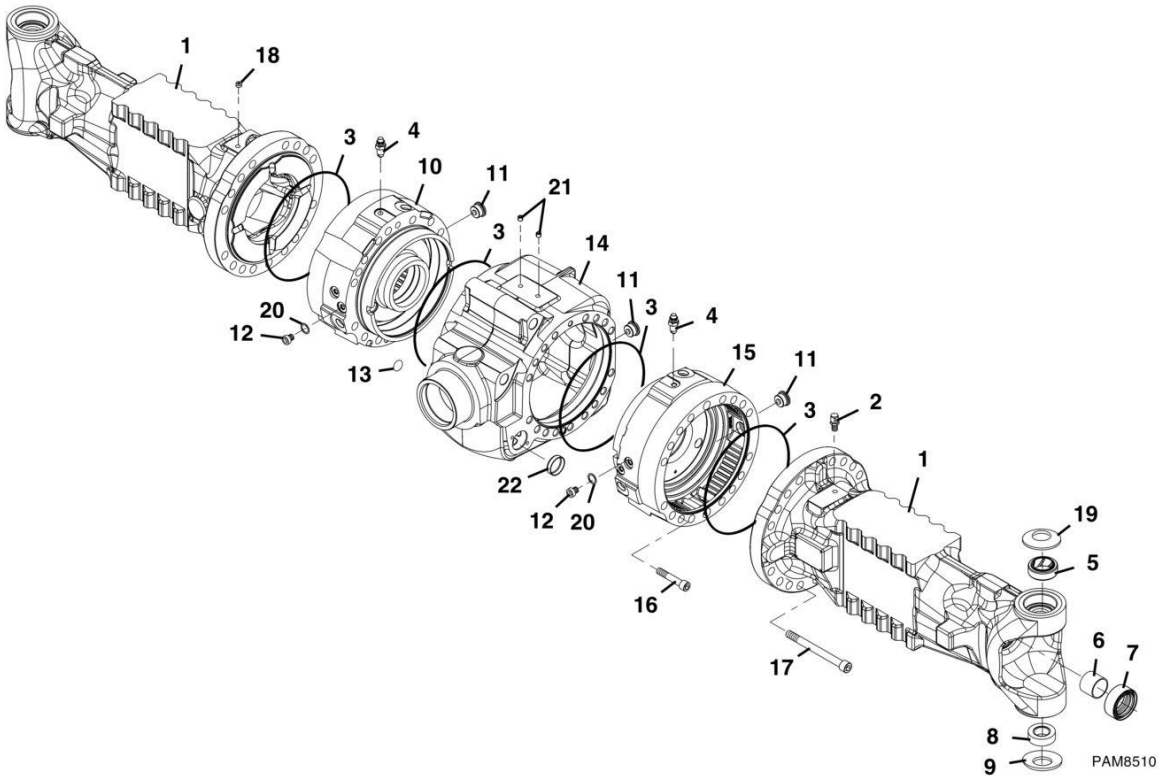
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153042	Ref	FRONT AXLE (if equipped with hydraulic park brake) (includes items 1 thru 121)	A
1	70021005	2	LEG HOUSING	
2	91474058	1	BREATHER	
3	91474038	4	O-RING	
4	91474039	4	BREATHER	
5	91474075	6	PLUG	
6	91474064	6	BOLT M22X1.5	
7	91474065	6	O-RING	
8	91474066	6	BOLT M16X1.5	
9	91474067	6	PIN	
10	70025865	1	LH BRAKE CYLINDER	
11	91474037	3	PLUG M30X2	
12	91364039	4	PLUG M10X1	
13	91474068	2	O-RING	
14	70022152	1	CENTRAL BODY	
15	70025866	1	RH BRAKE CYLINDER	
16	91474050	2	BOLT M12X110	
17	91364028	34	BOLT M16X160	
18	91474041	1	PLUG M10X1	
19	91474051	2	WASHER	
20	91474053	2	BUSHING	
21	91474054	2	BUSHING	
22	91474055	2	SEAL RING	
23	70025867	2	SPHERICAL BEARING	
24	91474057	2	WASHER	
25	7028513	2	SCREW	
26	7028455	2	PLUG	
27	8033609	4	WASHER	
28	91474047	1	BUSHING	
29	91474048	1	BUSHING	
30	7028466	1	WASHER	
31	91474044	1	FRONT SUPPORT	
32	91474043	4	BUSHING	
33	91474045	2	GREASE NIPPLE	
34	91474046	1	BOLT M16	
35	91474073	1	BOLT	
36	91474069	1	WASHER	
37	91474072	1	BUSHING	
38	91474071	1	O-RING	
39	8035118	1	BUSHING	
40	8035120	1	REAR SUPPORT	
41	70021011	1	LH SWIVEL HOUSING	
42	70025913	2	NUT M27	
43	70022150	2	SEAL RING	
44	91474087	2	BUSHING	
45	91474091	4	BOLT M16X75	
46	91474092	4	NUT M16	
47	91474094	16	BOLT M16X38	
48	91474095	4	GREASE NIPPLE	

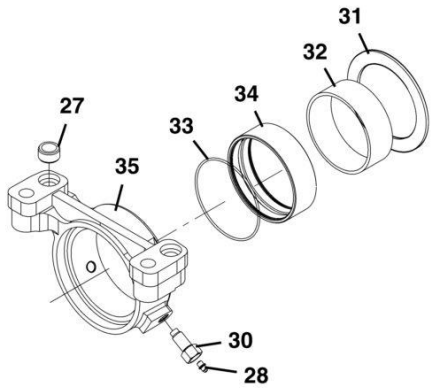
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	91474093	2	KING PIN	
50	70021015	1	RH SWIVEL HOUSING	
51	91474096	2	KING PIN	
52	70020986	2	BUSHING	
53	70025868	2	BUSHING	
54	70025914	2	STEERING ARM ASSY	
55	70021010	1	STEERING CYLINDER	
56	1001113287	1	SENSOR	
57	7028488	2	HOSE	
58	91474083	2	BOLT M22X55	
59	91474084	2	BUSHING	
60	91474085	2	BOLT M14X65	
61	70021017	1	BEVEL GEAR SET 11/32	
64	70020950	AR	SHIM 2.50mm	
64	70020951	AR	SHIM 2.60mm	
64	70020952	AR	SHIM 2.70mm	
64	70020953	AR	SHIM 2.80mm	
64	70020954	AR	SHIM 2.90mm	
64	70020955	AR	SHIM 3.00mm	
64	70020956	AR	SHIM 3.10mm	
64	70020957	AR	SHIM 3.20mm	
64	70020958	AR	SHIM 3.30mm	
64	70020959	AR	SHIM 3.40mm	
65	91364070	1	BEARING	
66	7028403	1	BEARING	
67	91474115	1	WASHER	
68	91474116	1	O-RING	
69	7028478	1	SEAL RING	
70	70025874	1	FLANGE	
71	91474119	1	SNAP RING D34	
72	70020965	1	DIFFERENTIAL KIT	
73	91364056	2	DIFFERENTIAL PLATE	
74	91364052	10	DIFFERENTIAL DRIVE PLATE	
75	91364053	8	DIFFERENTIAL PLATE	
76	91474128	1	RING NUT M94X2	
77	91364050	2	BEARING	
78	8035180	2	BOLT M6X10	
79	91474126	2	LOCKING PLATE	
80	91364048	10	BOLT M12X90	
81	91364049	1	PIN D12X40	
82	70020967	1	DIFFERENTIAL HOUSING	
83	70021019	2	DOUBLE JOINT	
84	70021020	2	WASHER	
85	70021021	2	WASHER	
86	70021022	2	SNAP RING	
87	91474141	6	BRAKE COUNTER DISC	
88	70022082	6	BRAKE DISC	
89	91474139	2	BRAKE COUNTER DISC	
90	91474142	2	HUB	
91	91364041	6	SNAP RING D12	
92	91474149	6	O-RING	

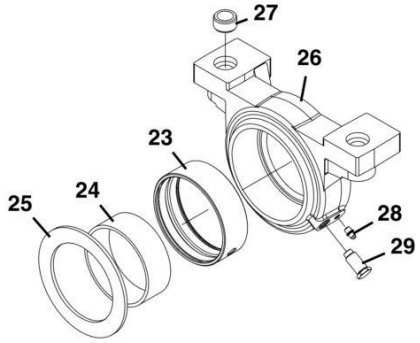
SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
93	91364042	6	PIN	
94	91474151	6	O-RING	
95	91474152	2	SELF-ADJUST KIT	
96	91474136	2	O-RING	
97	91474137	4	O-RING	
98	91474138	2	POSITIVE BRAKE PISTON	
99	91474146	2	NEGATIVE BRAKE PISTON	
100	91474147	2	O-RING	
101	91474143	2	LOCK RING	
102	91474144	2	HUB	
103	91474145	4	WASHER	
104	70021023	2	WHEEL HUB KIT	
105	70021025	2	SEAL RING	
106	70021026	4	BEARING	
107	91474155	2	O-RING	
108	91474157	2	RING	
109	91474160	16	CENTERING BUSHING	
110	91474085	16	BOLT M14X65	
111	70021027	2	WHEEL CARRIER	
112	70021028	2	CROWN GEAR Z=77	
113	91474037	2	PLUG M30X20	
114	8035235	4	BOLT M8X20	
115	70021029	2	PLANETARY CARRIER ASSY	
116	91364095	6	WASHER	
117	91364093	372	NEEDLE BEARINGS (by tens)	
118	91364096	6	WASHER	
119	91364094	6	GEAR Z31	
120	70021030	6	WASHER	
121	91474162	6	BOLT M10X50	

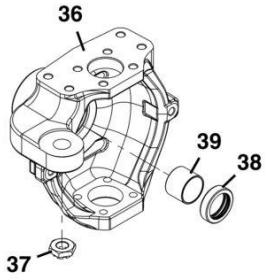
FIGURE 5-34. REAR AXLE ASSEMBLY (HYDRAULIC PARK BRAKE) (4014PS)

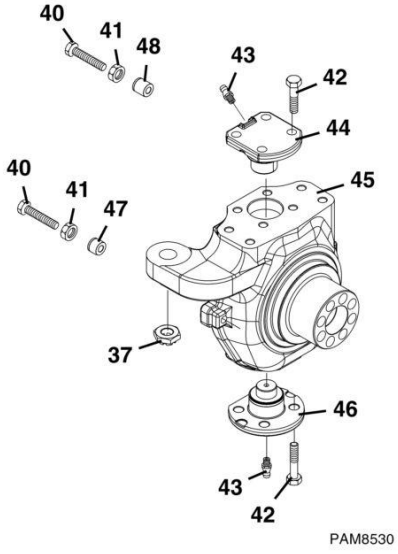


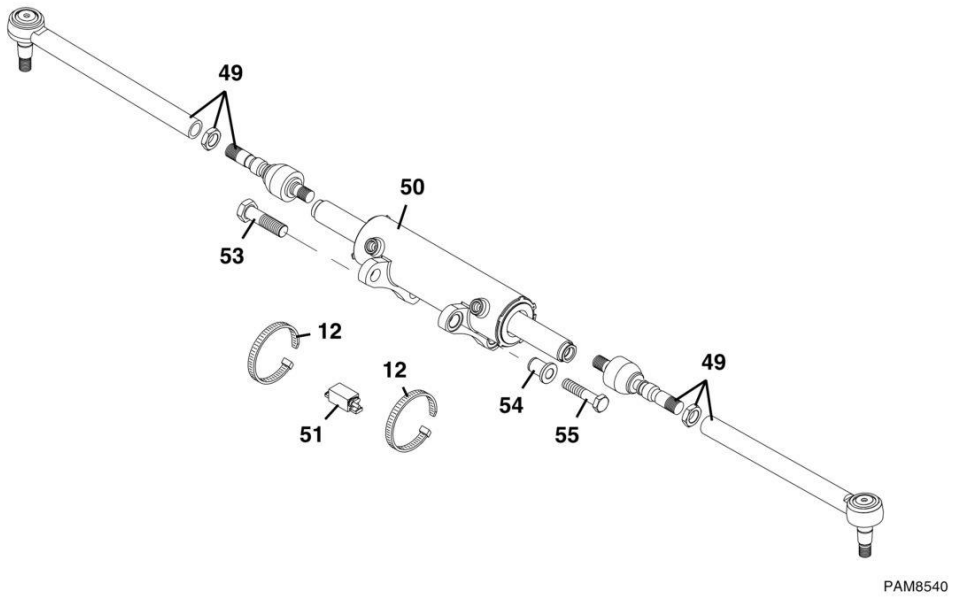


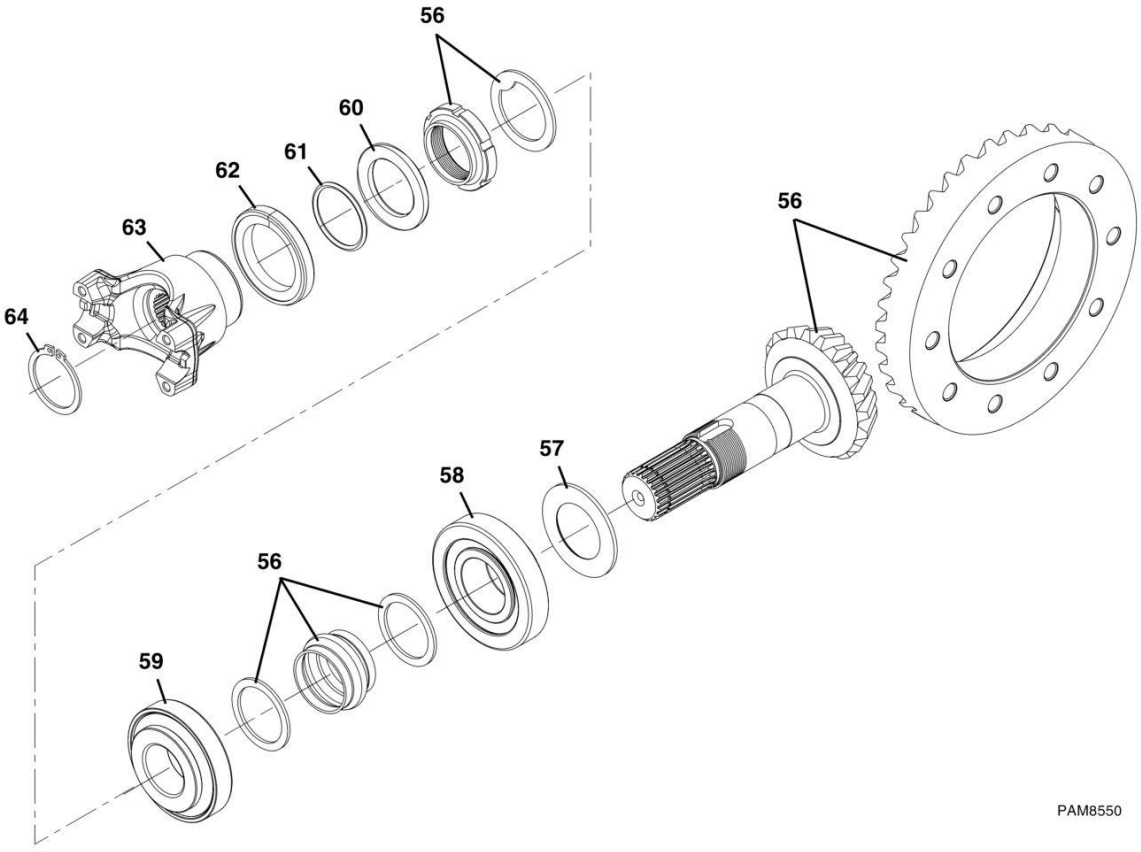


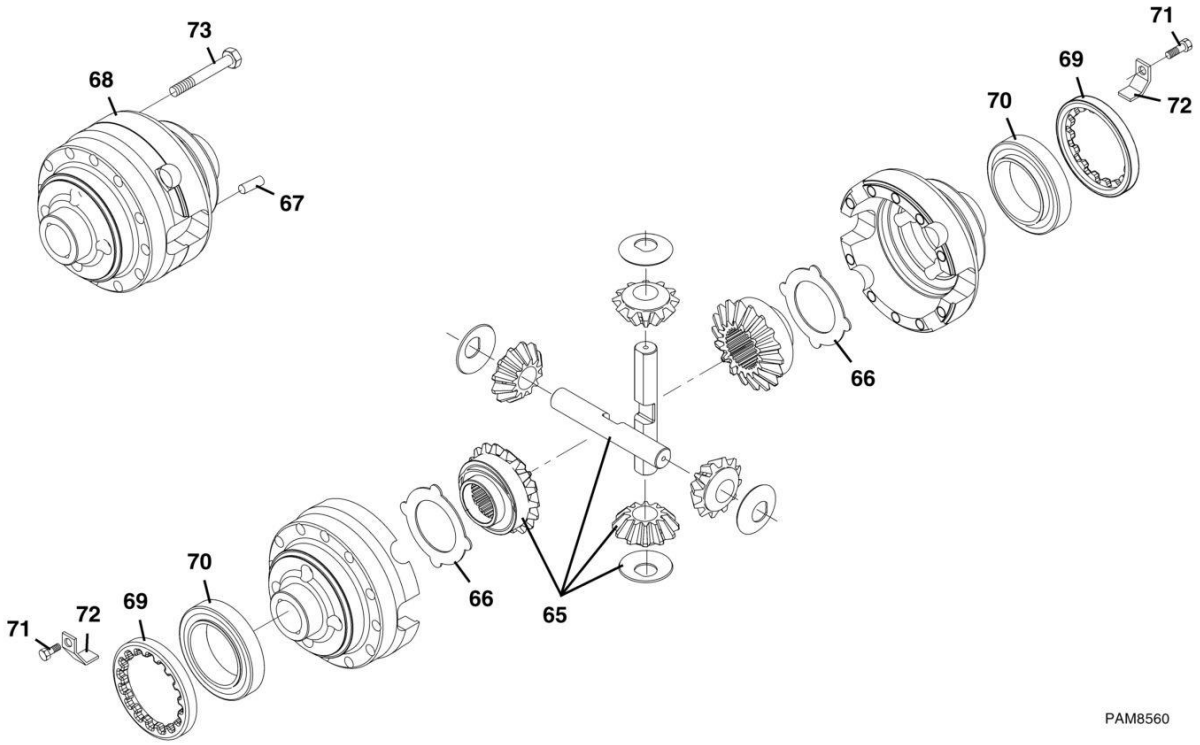
PAM8520

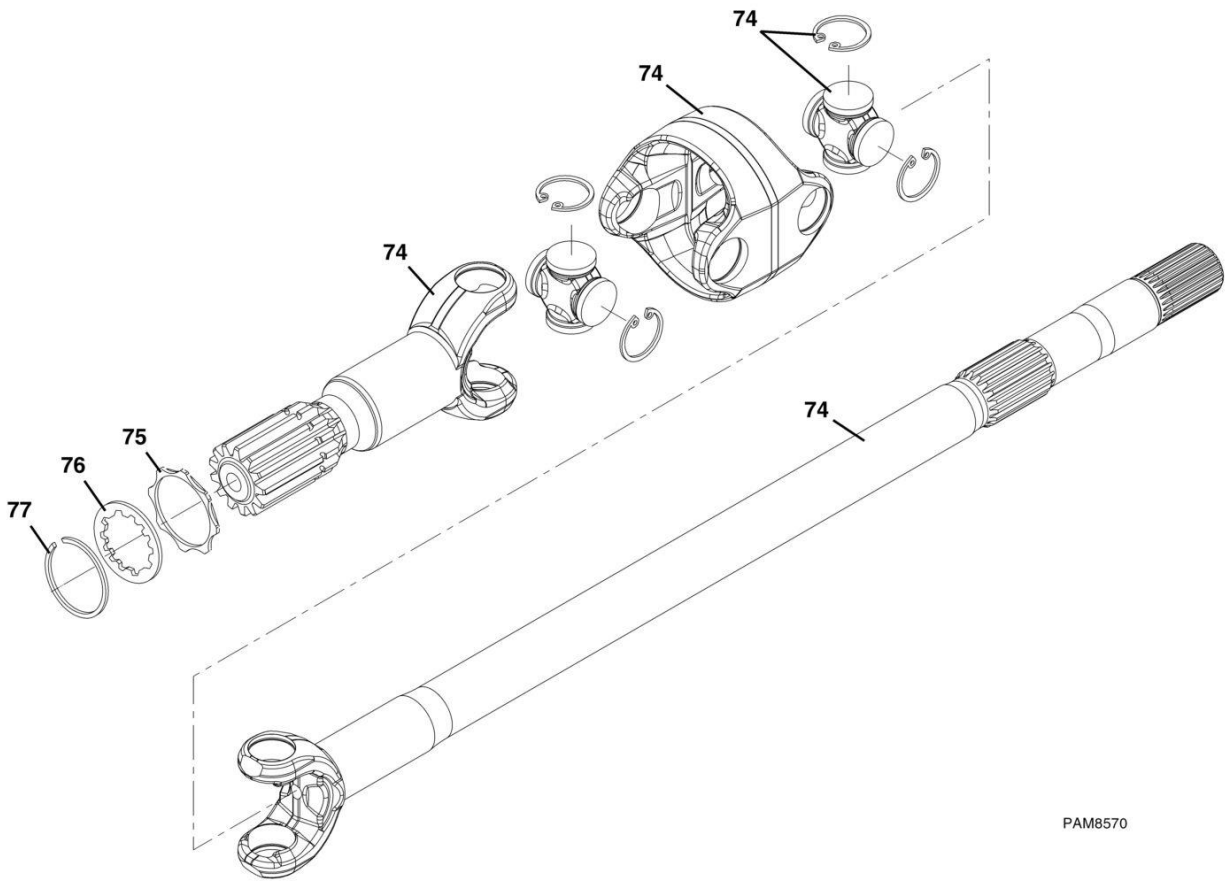

36
39
38
37

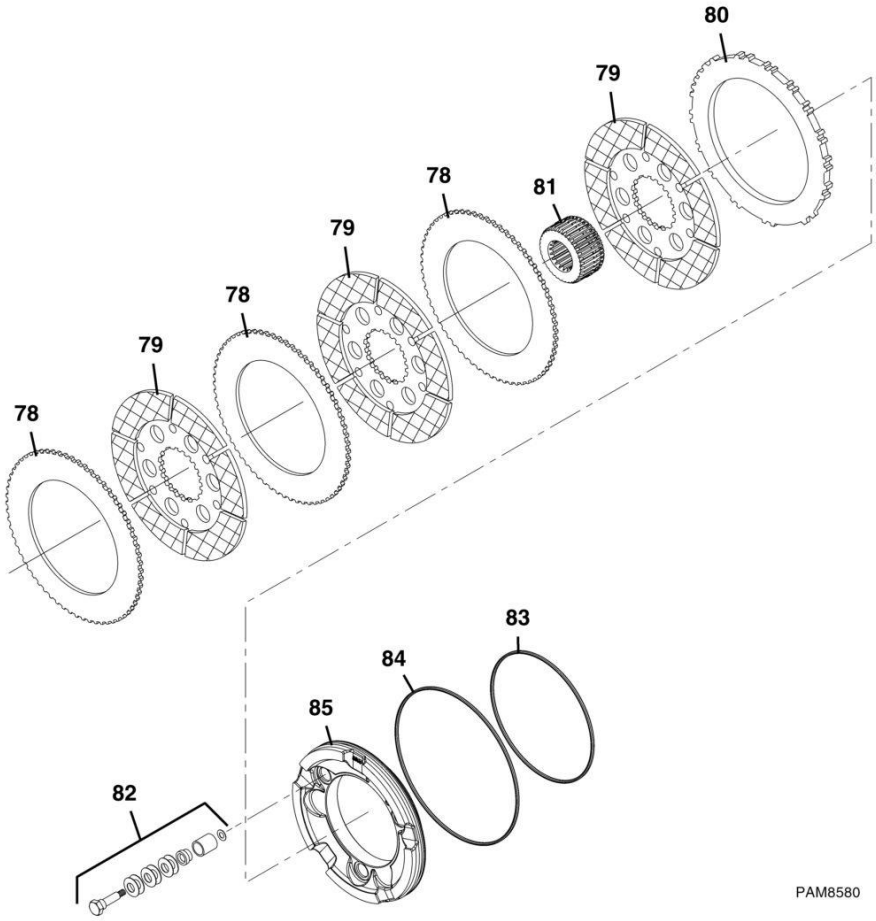

40
41
48
43
42
44
40
41
47
45
37
46
43
42
PAM8530

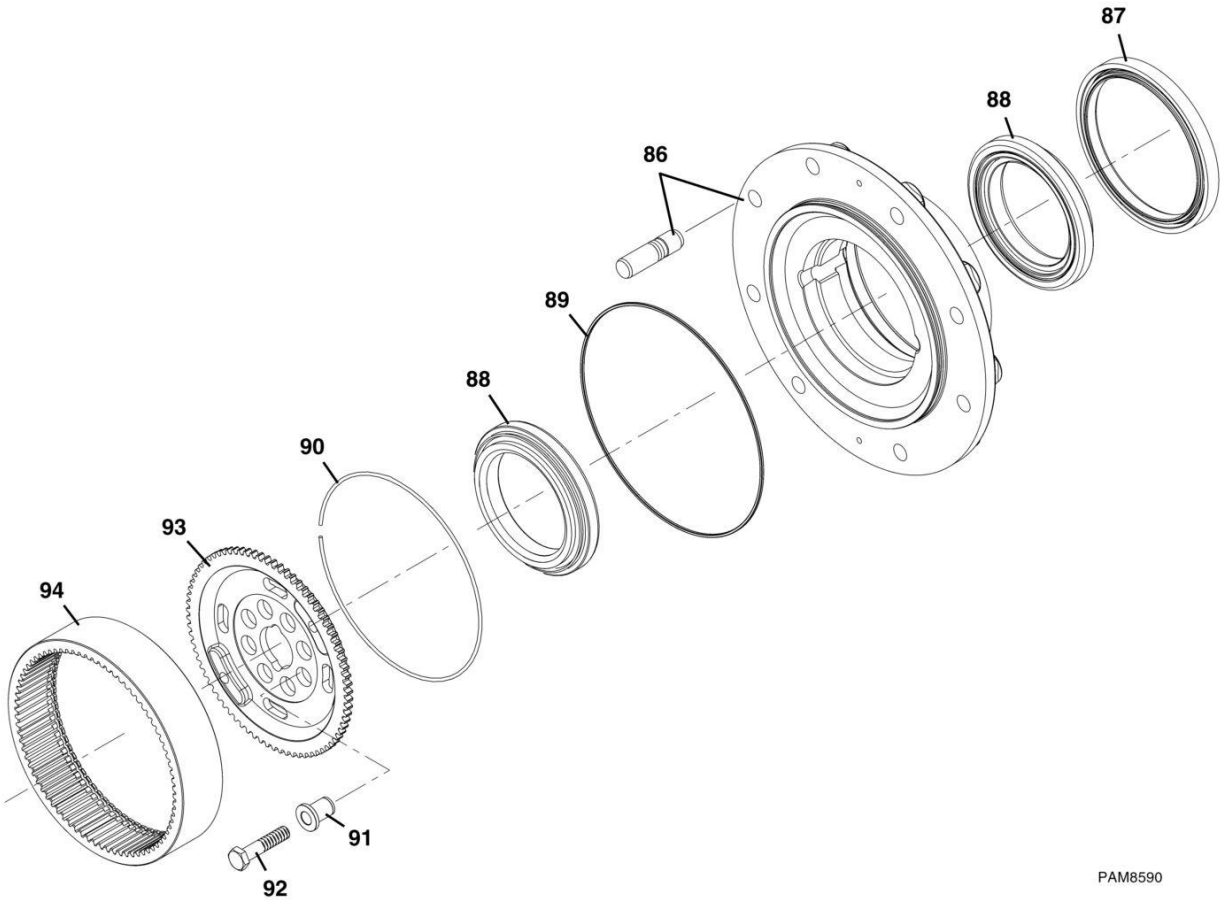

49
50
53
12
12
49
54
55
51
PAM8540


56
60
61
62
63
64
56
57
58
56
59
PAM8550


73
68
67
71
69
72
70
66
65
PAM8560


74
74
74
74
75
76
77
PAM8570


80
79
78
81
79
78
79
78
83
84
85
82
PAM8580


87
88
86
89
88
90
93
94
91
92
PAM8590

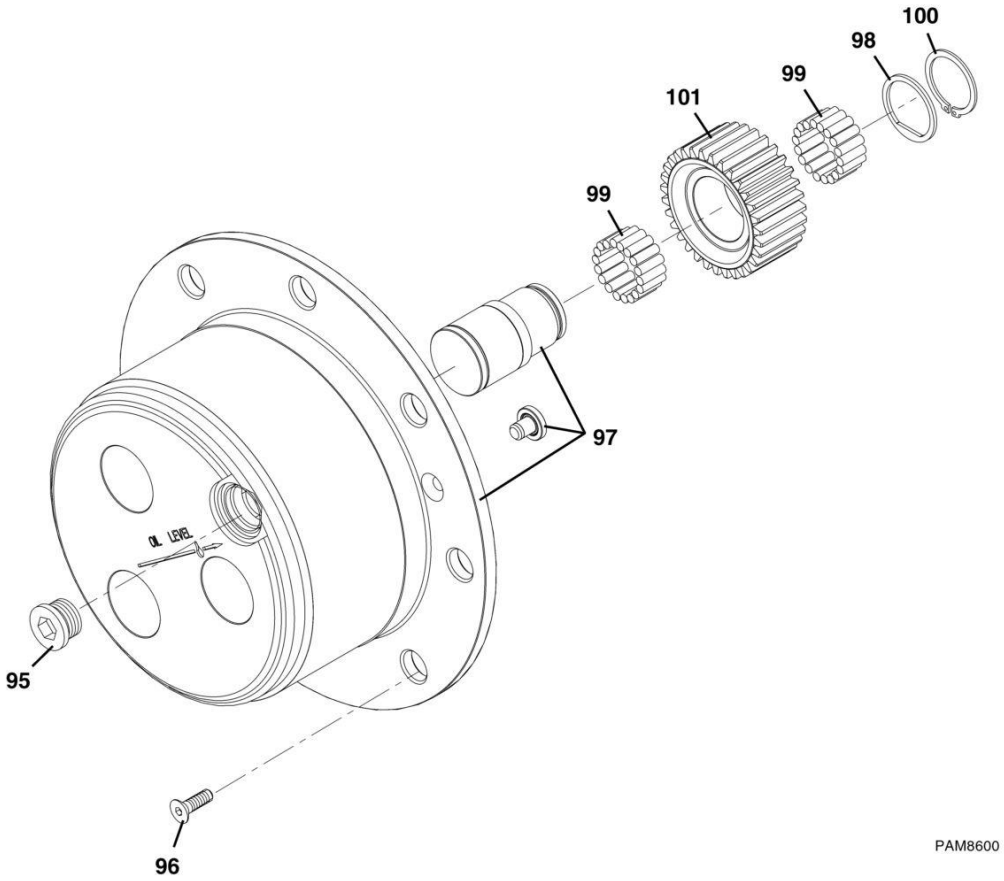

100
98
99
101
99
97
OIL LEVEL
95
96
PAM8600

FIGURE 5-34. REAR AXLE ASSEMBLY (HYDRAULIC PARK BRAKE) (4014PS)

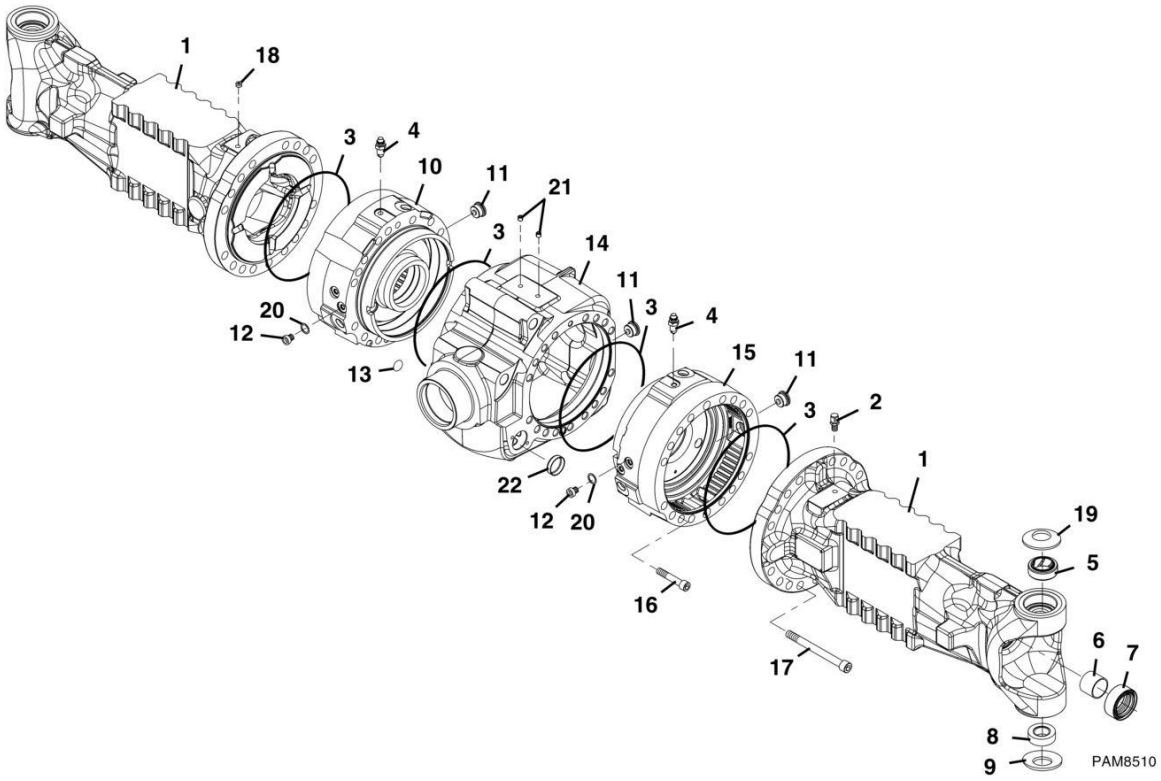
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152554	Ref	REAR AXLE (if equipped with hydraulic park brake) (includes items 1 thru 101)	B
1	70020985	2	LEG HOUSING	
2	91474058	1	BREATHER	
3	91474038	4	O-RING	
4	91474039	2	BREATHER	
5	91474053	2	BUSHING	
6	91474054	2	BUSHING	
7	91474055	2	SEAL RING	
8	70025867	2	SPHERICAL BEARING	
9	91474057	2	WASHER	
10	70020936	1	LH BRAKE CYLINDER	
11	91474037	3	PLUG	
12	91364039	2	PLUG	
13	91474068	2	O-RING	
14	70022152	1	CENTRAL BODY	
15	70020938	1	RH BRAKE CYLINDER	
16	91474050	2	BOLT M12X110	
17	91364028	34	BOLT M16X160	
18	91474041	1	PLUG M10X1	
19	91474051	2	WASHER	
20	8033609	2	WASHER	
21	7028513	2	SCREW	
22	7028455	2	PLUG	
23	91474047	1	BUSHING	
24	91474048	1	BUSHING	
25	7028466	1	WASHER	
26	91474044	1	FRONT SUPPORT	
27	91474043	4	BUSHING	
28	91474045	2	GREASE NIPPLE	
29	91474046	1	BOLT M16	
30	91474073	1	BOLT	
31	91474069	1	WASHER	
32	91474072	1	BUSH	
33	91474071	1	O-RING	
34	8035118	1	BUSHING	
35	8035120	1	REAR SUPPORT	
36	70020942	1	LH SWIVEL HOUSING	
37	91474082	2	NUT M24X1.5	
38	91474086	2	SEAL RING	
39	91474087	2	BUSHING	
40	91474091	4	BOLT M16X75	
41	91474092	4	NUT M16	
42	91474094	16	BOLT M16X38	
43	91474095	4	GREASE NIPPLE	
44	91474093	2	KING PIN	
45	70020947	1	RH SWIVEL HOUSING	
46	91474096	2	KING PIN	
47	70020986	2	BUSHING	
48	70025868	2	BUSHING	

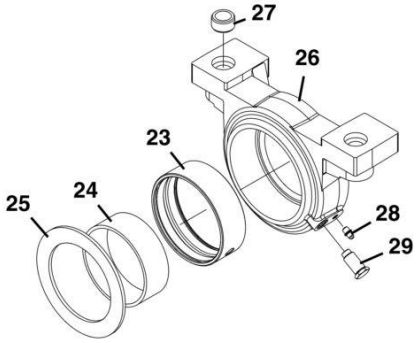
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	70020939	2	STEERING ARM ASSY	
50	70020941	1	STEERING CYLINDER	
51	1001113287	1	SENSOR	
52	70021002	2	HOSE	
53	91474083	2	BOLT M22X55	
54	91474084	2	BUSHING	
55	91474085	2	BOLT M14X65	
56	70021004	1	BEVEL GEAR SET 11/37	
57	70020950	AR	SHIM 2.50mm	
57	70020951	AR	SHIM 2.60mm	
57	70020952	AR	SHIM 2.70mm	
57	70020953	AR	SHIM 2.80mm	
57	70020954	AR	SHIM 2.90mm	
57	70020955	AR	SHIM 3.00mm	
57	70020956	AR	SHIM 3.10mm	
57	70020957	AR	SHIM 3.20mm	
57	70020958	AR	SHIM 3.30mm	
57	70020959	AR	SHIM 3.40mm	
58	91364070	1	BEARING	
59	91474114	1	BEARING	
60	91474115	1	WASHER	
61	91474116	1	O-RING	
62	7028478	1	SEAL RING	
63	70025874	1	FLANGE	
64	91474119	1	SNAP RING D34	
65	70025915	1	DIFFERENTIAL KIT	
66	70020994	2	DIFFERENTIAL DRIVE PLATE	
67	91364049	2	PIN D12X40	
68	70020967	1	DIFFERENTIAL HOUSING	
69	91474128	2	RING NUT M94X2	
70	91364050	2	BEARING	
71	8035180	2	BOLT M6X10	
72	91474126	2	LOCKING PLATE	
73	91364048	10	BOLT M12X90	
74	70020968	2	DOUBLE JOINT	
75	70020969	2	WASHER	
76	70022080	2	WASHER	
77	70022081	2	SNAP RING	
78	91474141	6	BRAKE COUNTER DISC	
79	70022082	6	BRAKE DISC	
80	91474139	2	BRAKE COUNTER DISC	
81	91474142	2	HUB	
82	91474152	2	SELF-ADJUST KIT	
83	91474136	2	O-RING	
84	91474137	2	O-RING	
85	91474138	2	POSITIVE BRAKE PISTON	
86	70020972	2	WHEEL HUB KIT	
87	91474161	2	SEAL RING	
88	70003779	4	BEARING	
89	70022083	2	O-RING	
90	7028423	2	RING	

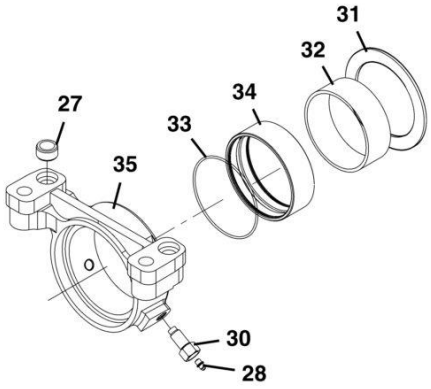
SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
91	91474160	16	CENTERING BUSHING	
92	91474085	16	BOLT M14X65	
93	7028417	2	WHEEL CARRIER	
94	70020976	2	CROWN GEAR Z=60	
95	91474037	2	PLUG M30X2	
96	8035235	4	BOLT M8X20	
97	70021001	2	PLANETARY CARRIER ASSY	
98	7028509	6	WASHER	
99	91474163	336	NEEDLE BEARINGS (by tens)	
100	7028508	6	SNAP RING	
101	7028510	6	GEAR Z23	

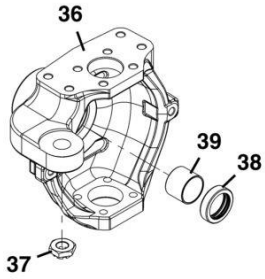
FIGURE 5-35. REAR AXLE ASSEMBLY (HYDRAULIC PARK BRAKE) (4017PS)

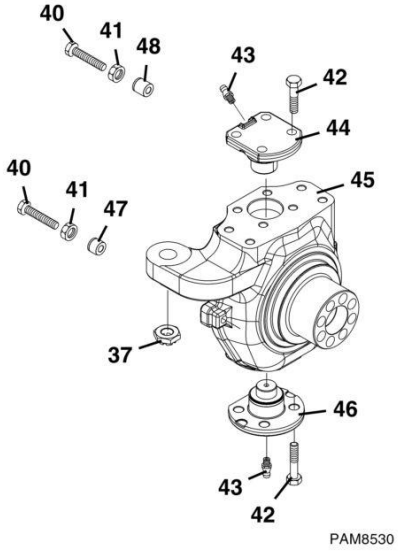


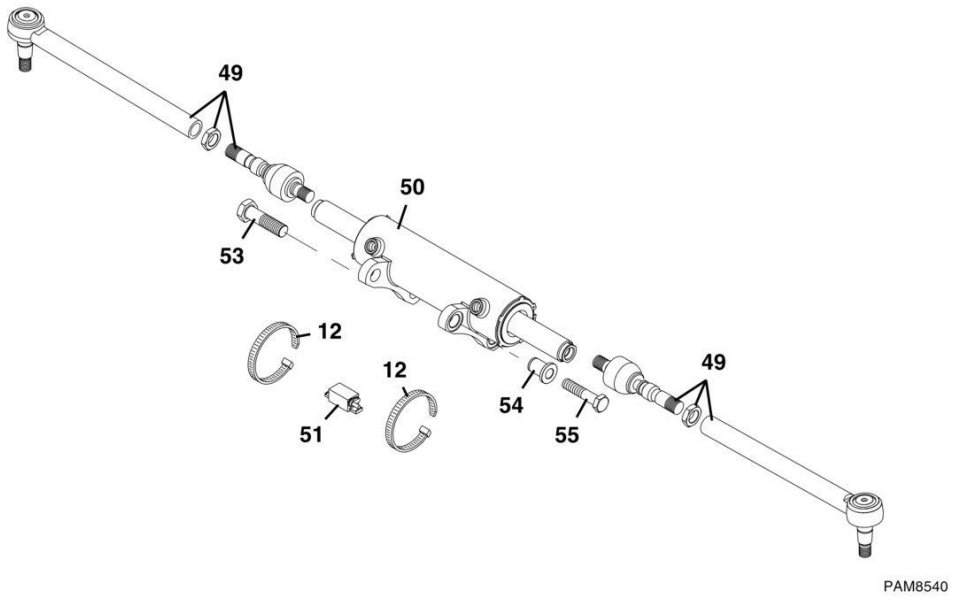


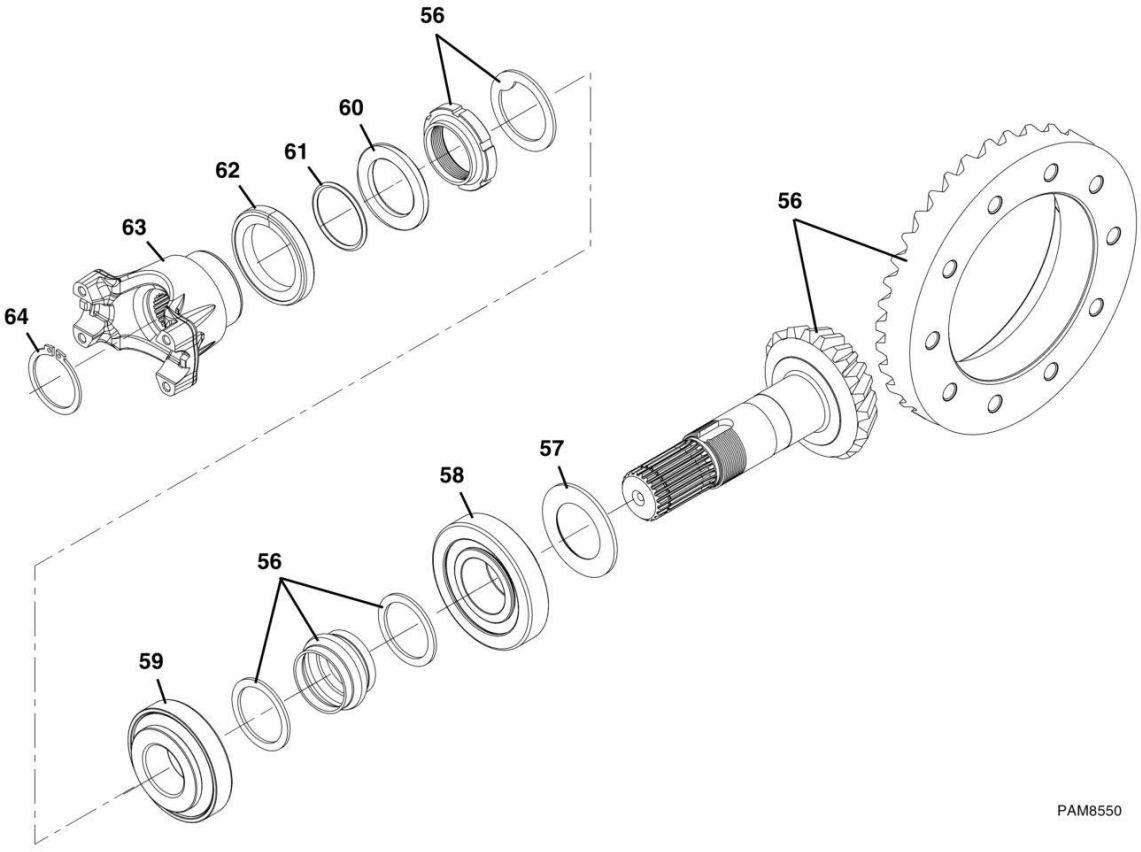


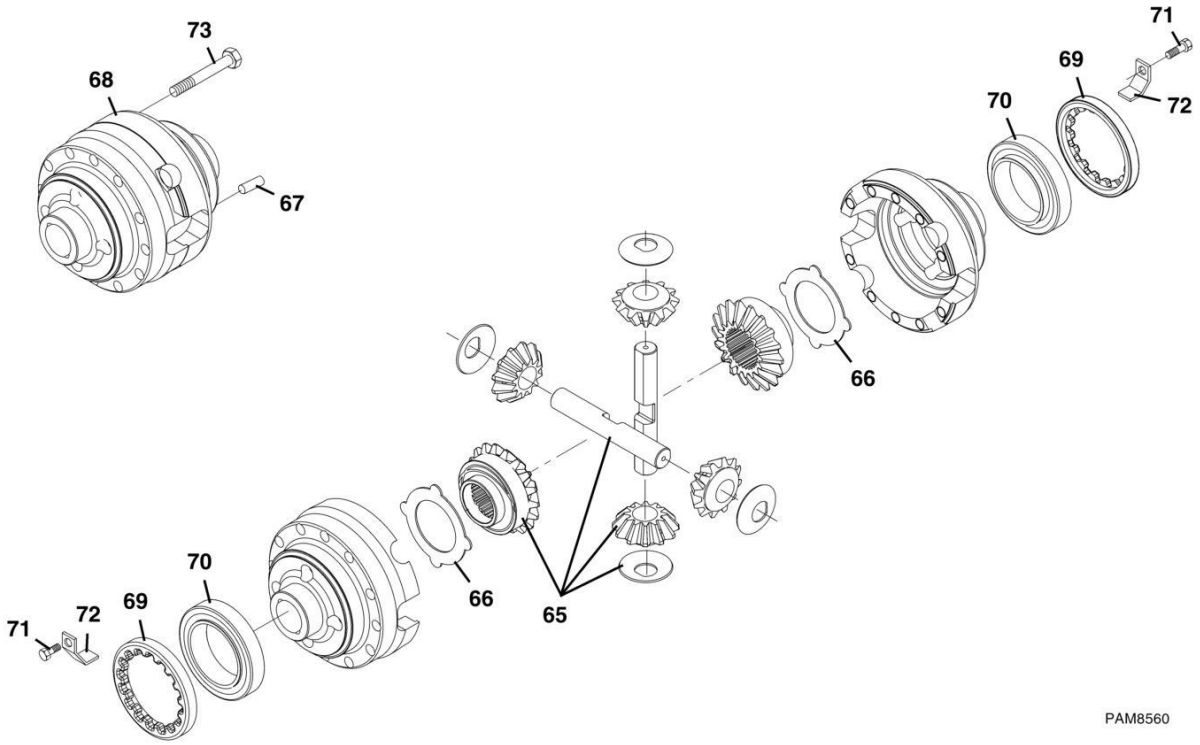
PAM8520

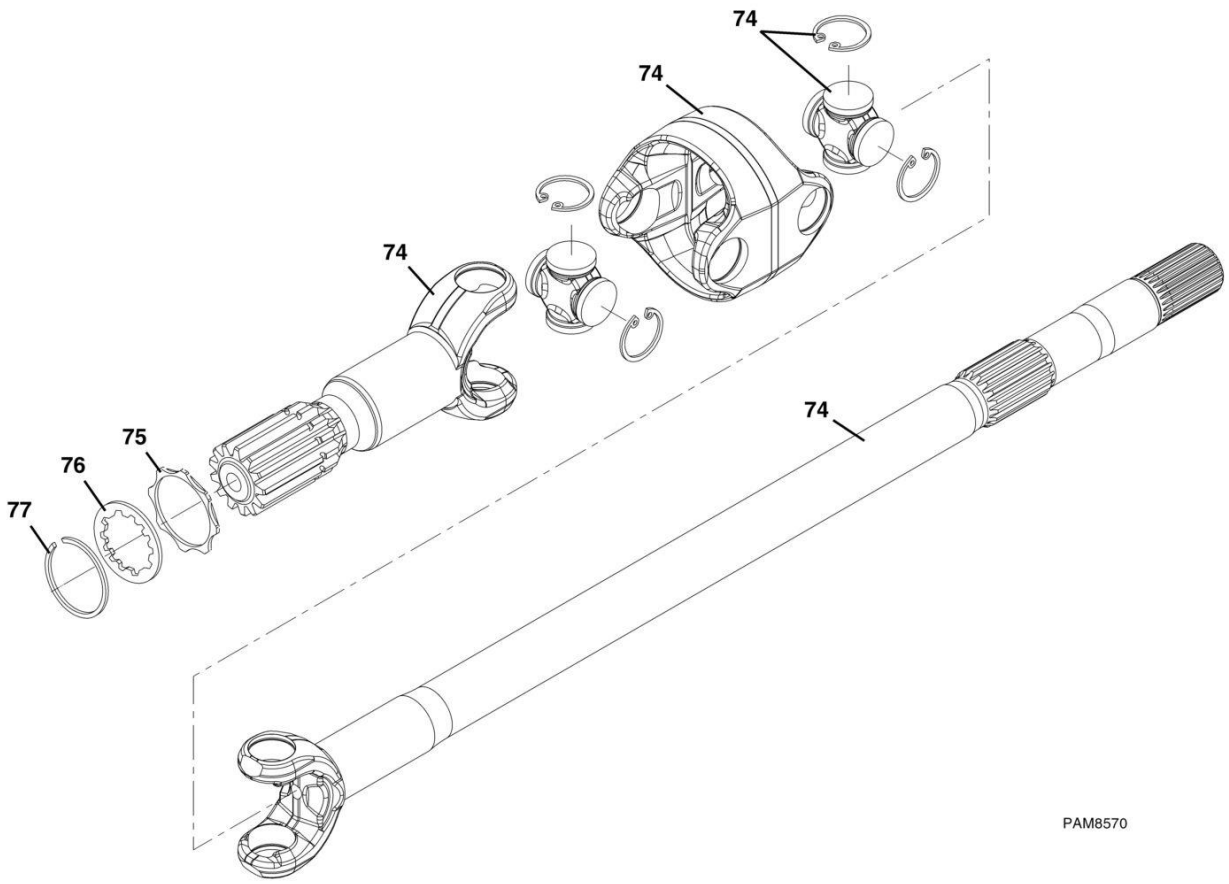

36
39
38
37

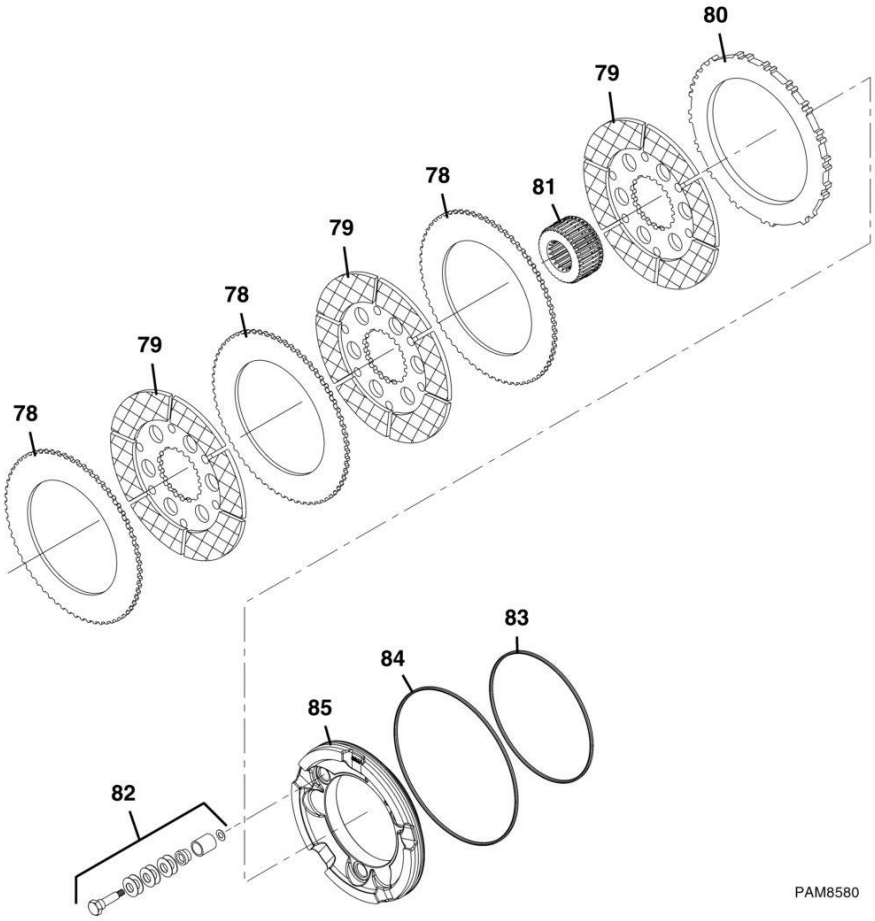

40
41
48
43
42
44
40
41
47
45
37
46
43
42
PAM8530

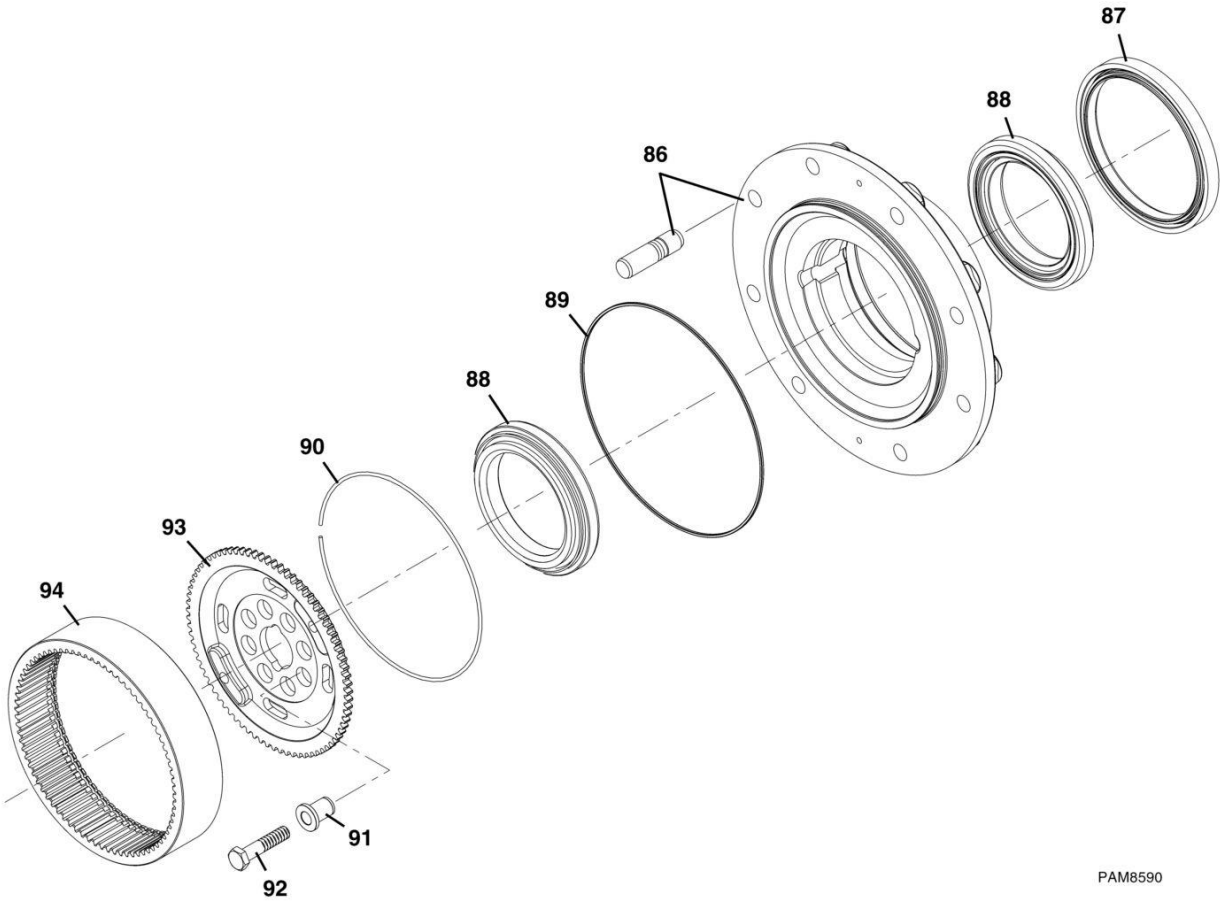

49
50
53
12
12
49
54
51
55
PAM8540


56
60
61
62
63
64
56
57
58
56
59
PAM8550


73
68
67
71
69
72
70
66
65
PAM8560


74
74
74
74
75
76
77
PAM8570


80
79
78
81
79
78
79
78
83
84
85
82
PAM8580


87
88
86
89
88
90
93
94
91
92
PAM8590

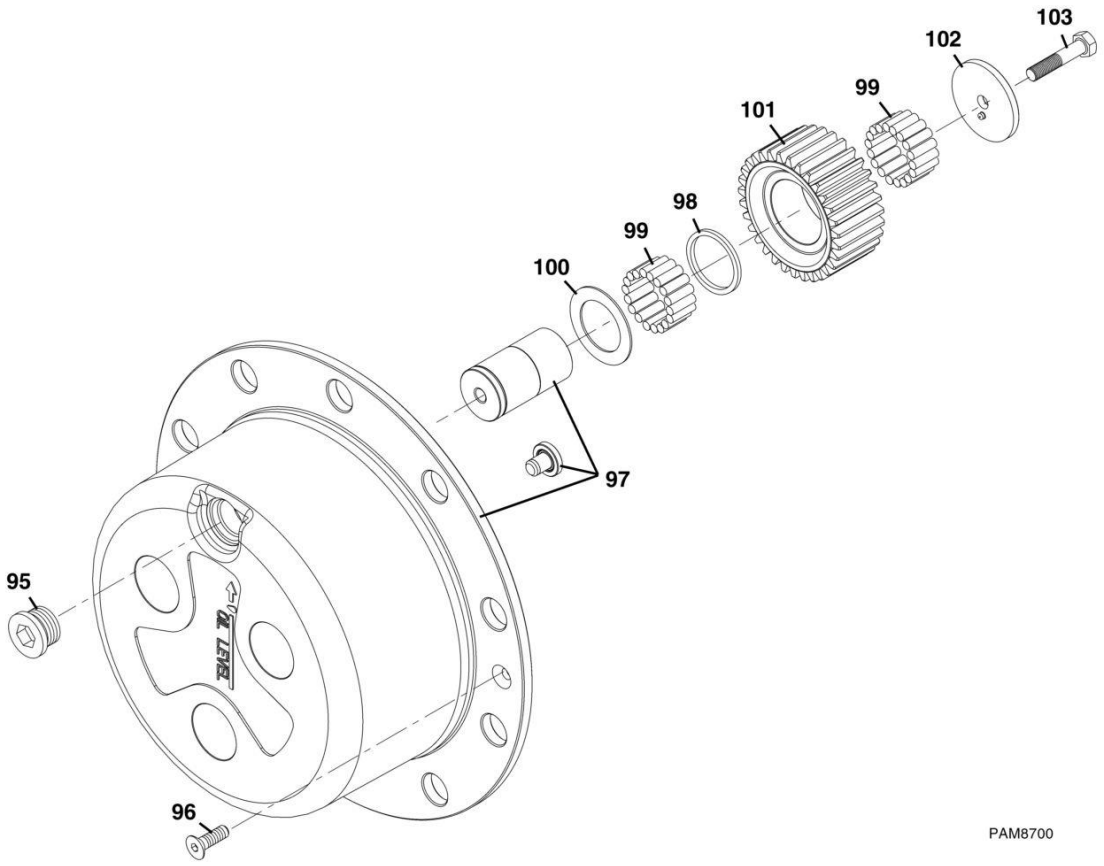

103
102
99
101
98
99
100
97
95
96
PAM8700

FIGURE 5-35. REAR AXLE ASSEMBLY (HYDRAULIC PARK BRAKE) (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153043	Ref	REAR AXLE (if equipped with hydraulic park brake) (includes items 1 thru 103)	B
1	70021005	2	LEG HOUSING	
2	91474058	1	BREATHER	
3	91474038	4	O-RING	
4	91474039	2	BREATHER	
5	91474053	2	BUSHING	
6	91474054	2	BUSHING	
7	91474055	2	SEAL RING	
8	70025867	2	SPHERICAL BEARING	
9	91474057	2	WASHER	
10	70020936	1	LH BRAKE CYLINDER	
11	91474037	3	PLUG M30X2	
12	91364039	2	PLUG M10X1	
13	91474068	2	O-RING	
14	70022152	1	CENTRAL BODY	
15	70020938	1	RH BRAKE CYLINDER	
16	91474050	2	BOLT M12X110	
17	91364028	34	BOLT M16X160	
18	91474041	1	PLUG M10X1	
19	91474051	2	WASHER	
20	8033609	2	WASHER	
21	7028513	2	SCREW	
22	7028455	2	PLUG	
23	91474047	1	BUSHING	
24	91474048	1	BUSHING	
25	7028466	1	WASHER	
26	91474044	1	FRONT SUPPORT	
27	91474043	4	BUSH	
28	91474045	2	GREASE NIPPLE	
29	91474046	1	BOLT M16	
30	91474073	1	BOLT	
31	91474069	1	WASHER	
32	91474072	1	BUSHING	
33	91474071	1	O-RING	
34	8035118	1	BUSHING	
35	8035120	1	REAR SUPPORT	
36	70021011	1	LH SWIVEL HOUSING	
37	70025913	2	NUT M27	
38	70022150	2	SEAL RING	
39	91474087	2	BUSHING	
40	91474091	4	BOLT M16X75	
41	91474092	4	NUT M16	
42	91474094	16	BOLT M16X38	
43	91474095	4	GREASE NIPPLE	
44	91474093	2	KING PIN	
45	70021015	1	RH SWIVEL HOUSING	
46	91474096	2	KING PIN	
47	70020986	2	BUSHING	
48	70025868	2	BUSHING	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	70025914	2	STEERING ARM ASSY	
50	70021010	1	STEERING CYLINDER	
51	1001113287	1	SENSOR	
52	7028488	2	CLAMP	
53	91474083	2	BOLT M22X55	
54	91474084	2	BUSHING	
55	91474085	2	BOLT M14X65	
56	70021035	1	BEVEL GEAR SET 11/32	
57	70020950	AR	SHIM 2.50MM	
57	70020951	AR	SHIM 2.60MM	
57	70020952	AR	SHIM 2.70MM	
57	70020953	AR	SHIM 2.80MM	
57	70020954	AR	SHIM 2.90MM	
57	70020955	AR	SHIM 3.00MM	
57	70020956	AR	SHIM 3.10MM	
57	70020957	AR	SHIM 3.20MM	
57	70020958	AR	SHIM 3.30MM	
57	70020959	AR	SHIM 3.40MM	
58	91364070	1	BEARING	
59	7028403	1	BEARING	
60	91474115	1	WASHER	
61	91474116	1	O-RING	
62	7028478	1	SEAL RING	
63	70025874	1	FLANGE	
64	91474119	1	SNAP RING D34	
65	70025915	1	DIFFERENTIAL KIT	
66	70020994	2	DIFFERENTIAL DRIVE PLATER	
67	91364049	2	PIN D12X40	
68	70020967	1	DIFFERENTIAL HOUSING	
69	91474128	2	RING NUT M94X2	
70	91364050	2	BEARING	
71	8035180	2	BOLT M6X90	
72	91474126	2	LOCKING PLATE	
73	91364048	10	BOLT M12X90	
74	70021019	2	DOUBLE JOINT	
75	70021020	2	WASHER	
76	70021021	2	WASHER	
77	70021022	2	SNAP RING	
78	91474141	6	BRAKE COUNTER DISC	
79	70022082	6	BRAKE DISC	
80	91474139	2	BRAKE COUNTER DISC	
81	91474142	2	HUB	
82	91474152	2	SELF-ADJUST KIT	
83	91474136	2	O-RING	
84	91474137	2	O-RING	
85	91474138	2	POSITIVE BRAKE PISTON	
86	70021023	2	WHEEL HUB KIT	
87	70021025	2	SEAL RING	
88	70021026	4	BEARING	
89	91474155	2	O-RING	
90	91474157	2	RING	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
91	91474160	16	CENTERING BUSH	
92	91474085	16	BOLT M14X65	
93	70021027	2	WHEEL CARRIER	
94	70021028	2	CROWN GEAR Z=77	
95	91474037	2	PLUG M30X2	
96	8035235	4	BOLT M8X20	
97	70021029	2	PLANETARY CARRIER ASSY	
98	91364095	6	WASHER	
99	91364093	372	NEEDLE BEARINGS (by tens)	
100	91364096	6	LOCKING THRUST WASHER	
101	91364094	6	GEAR Z31	
102	70021030	6	WASHER	
103	91474162	6	BOLT M10X50	

FIGURE 5-36. STEERING ARM ASSY (4014PS)

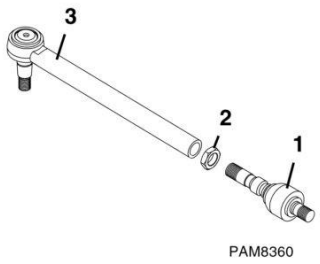


FIGURE 5-36. STEERING ARM ASSY (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70020939	2	STEERING ARM ASSY	
1	91474077	2	BALL JOINT	
2	91474078	2	NUT	
3	70020940	2	TIE ROD	

FIGURE 5-37. STEERING ARM ASSY (4017PS)

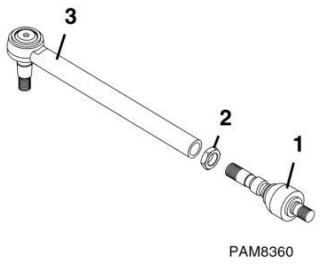


FIGURE 5-37. STEERING ARM ASSY (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025914	2	STEERING ARM ASSY	
1	70021007	2	BALL JOINT	
2	70021008	2	NUT M24X1.5	
3	70021009	2	TIE ROD	

FIGURE 5-38. STEERING CYLINDER (4014PS)

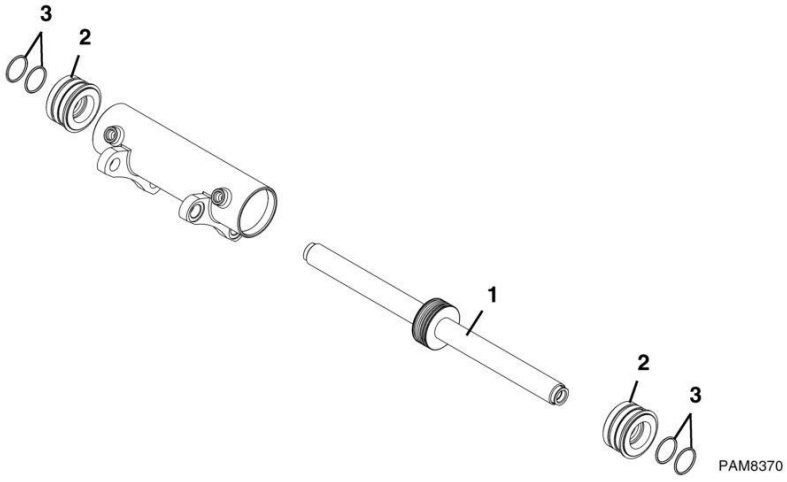


FIGURE 5-38. STEERING CYLINDER (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70020941	1	STEERING CYLINDER	
1	70022154	1	ROD A	
2	70020944	2	CYLINDER HEAD A	
3	70020945	1	SEAL KIT A	

FIGURE 5-39. STEERING CYLINDER (4017PS)

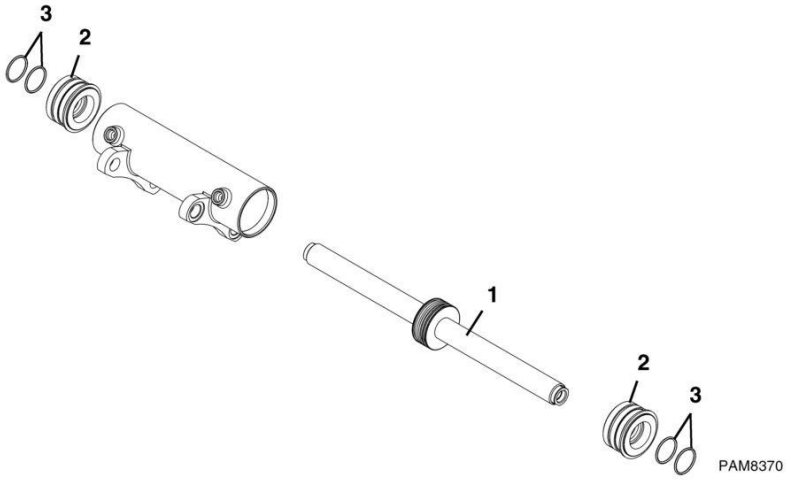


FIGURE 5-39. STEERING CYLINDER (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021010	1	STEERING CYLINDER	
1	70021833	1	ROD	
2	70021832	2	CYLINDER HEAD	
3	70021831	1	SEAL KIT	

FIGURE 5-40. STEERING CYLINDER (4014PS)

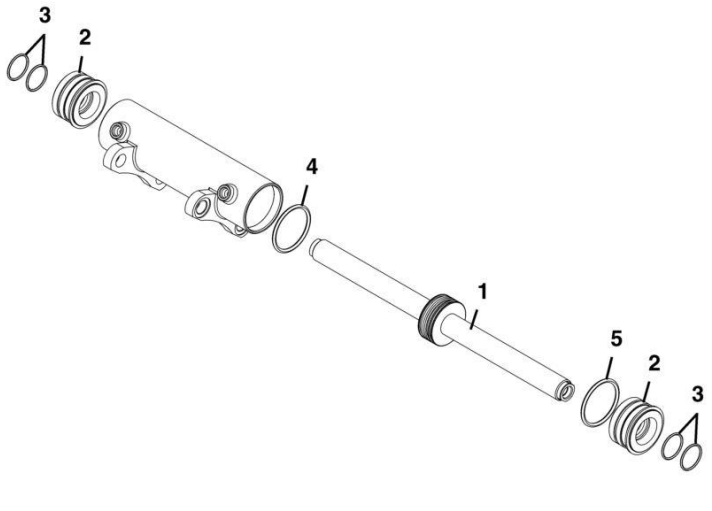


FIGURE 5-40. STEERING CYLINDER (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70020941	1	STEERING CYLINDER	
1	70025869	1	ROD B	
2	70025870	2	CYLINDER HEAD B	
3	70025871	1	SEAL KIT B	
4	70025872	1	MAGNETIC RING	
5	70025873	1	MAGNETIC RING	

FIGURE 5-41. BEVEL GEAR SET (4014PS,4017PS)

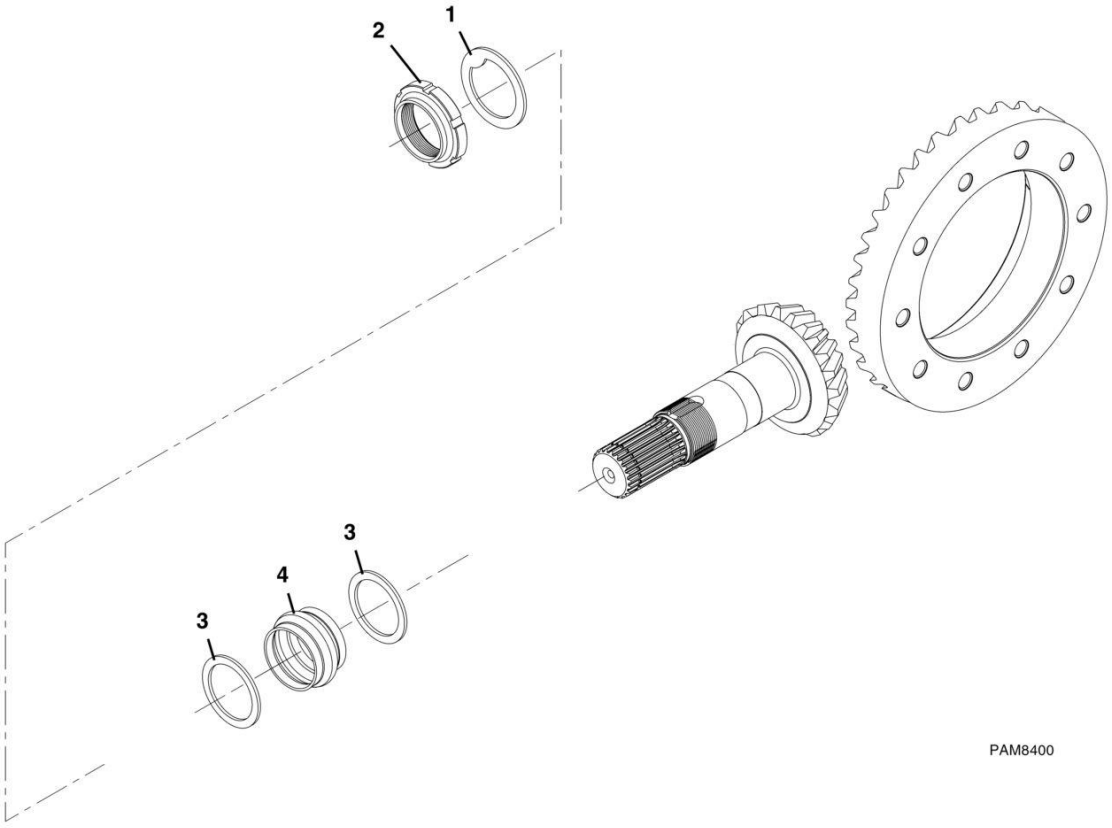


FIGURE 5-41. BEVEL GEAR SET (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70020948	1	BEVEL GEAR SET (Front Axle) (4014PS)	
	70021004	1	BEVEL GEAR SET 11/37 (Rear Axle) (4014PS)	
	70021017	1	BEVEL GEAR SET 11/32 (Front Axle) (4017PS)	
	70021035	1	BEVEL GEAR SET 11/32 (Rear Axle) (4017PS)	
1	91474100	1	LOCKWASHER	
2	91474101	1	RING NUT	
3	91474102	2	WASHER	
4	70020949	1	COLLAPSIBLE SPACER	

FIGURE 5-42. DIFFERENTIAL KIT

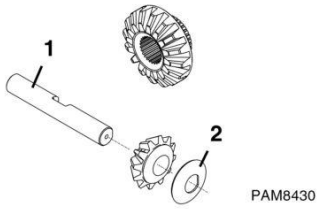


FIGURE 5-42. DIFFERENTIAL KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70020965	1	DIFFERENTIAL KIT, (Front Axle)	
	70025915	1	DIFFERENTIAL KIT, (Rear Axle)	
1	70020966	2	SHAFT	
2	91364054	4	THRUST WASHER	

FIGURE 5-43. DOUBLE JOINT (4014PS)

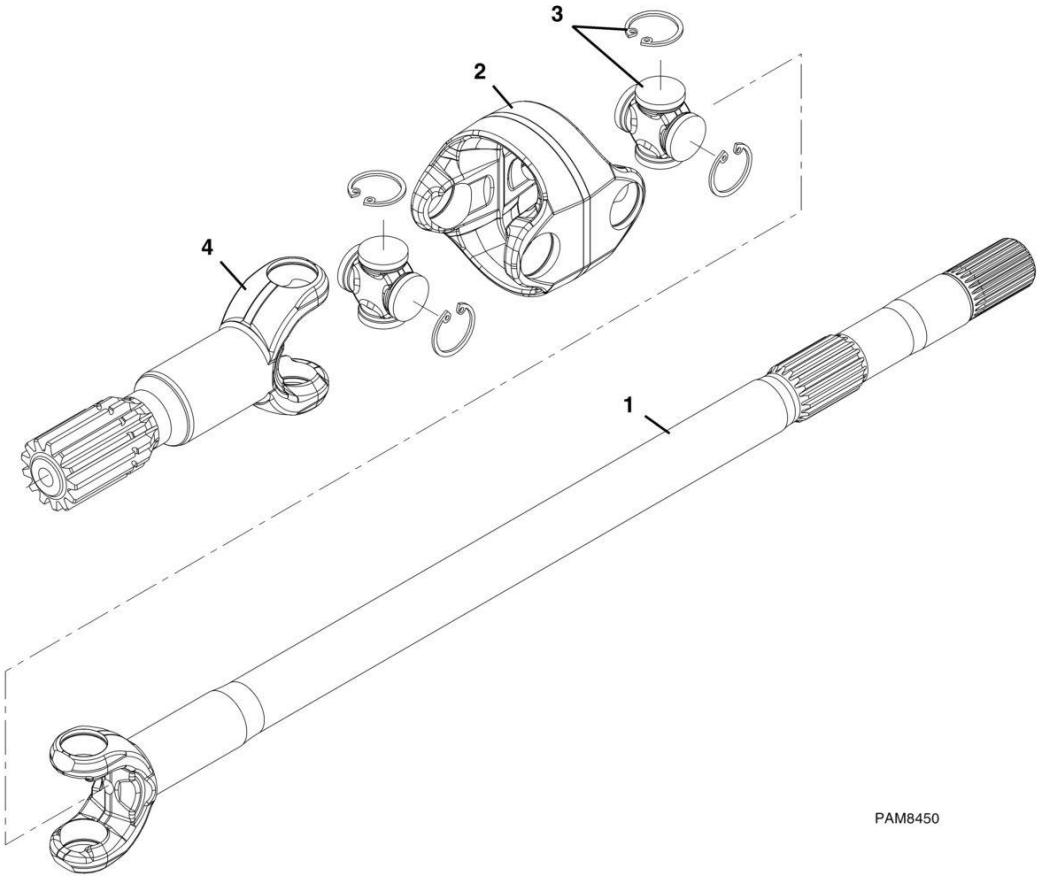


FIGURE 5-43. DOUBLE JOINT (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70020968	2	DOUBLE JOINT	
1	70025875	2	FORK	
2	8035189	2	CENTRAL BODY	
3	8035190	4	SPIDER	
4	70025876	2	FORK	

FIGURE 5-44. DOUBLE JOINT (4017PS)

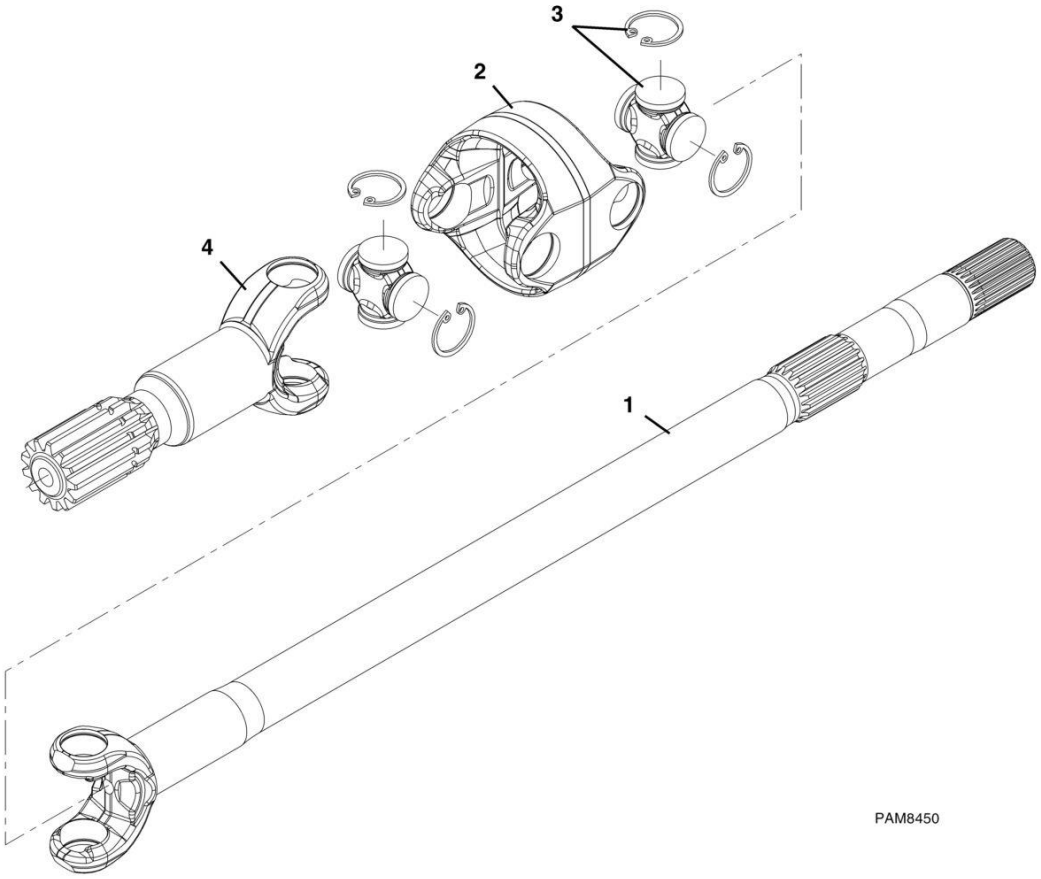


FIGURE 5-44. DOUBLE JOINT (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021019	2	DOUBLE JOINT	
1	70021032	2	FORK	
2	7029834	2	CENTRAL BODY	
3	91474632	4	SPIDER	
4	70021034	2	FORK	

FIGURE 5-45. WHEEL HUB KIT (4014PS)

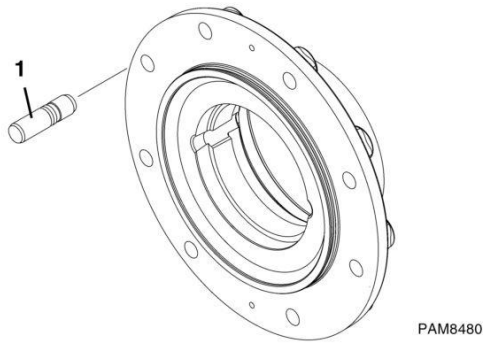


FIGURE 5-45. WHEEL HUB KIT (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70020972	2	WHEEL HUB KIT	
1	70020973	16	STUD	

FIGURE 5-46. WHEEL HUB KIT (4017PS)

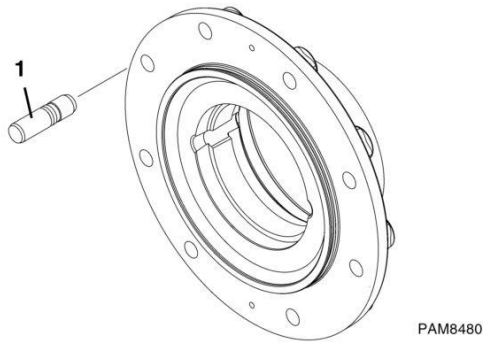
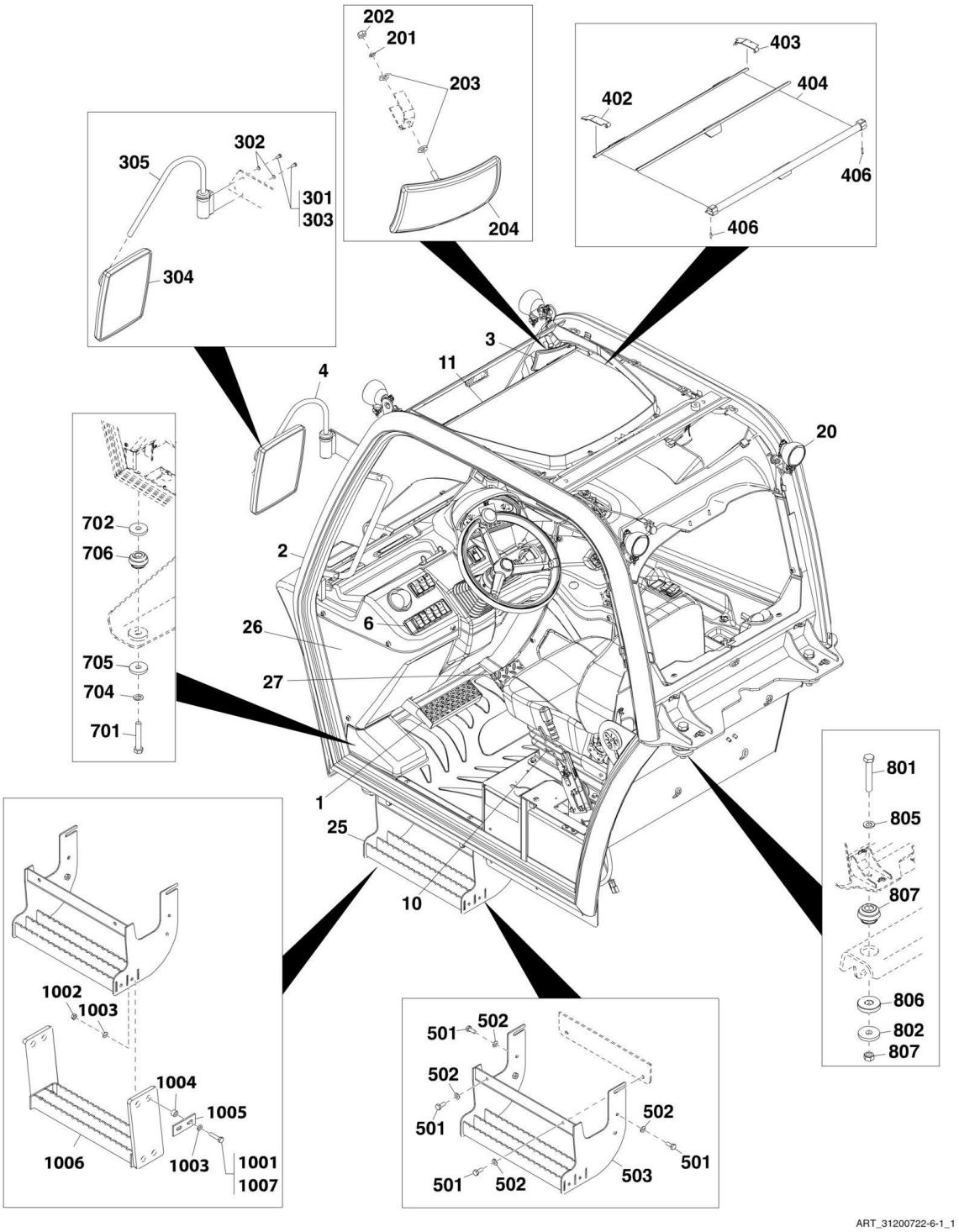


FIGURE 5-46. WHEEL HUB KIT (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021023	2	WHEEL HUB KIT	
1	70021024	20	STUD	

SECTION 6 - CAB

FIGURE 6-1. CAB INSTALLATION



ART_31200722-6-1_1

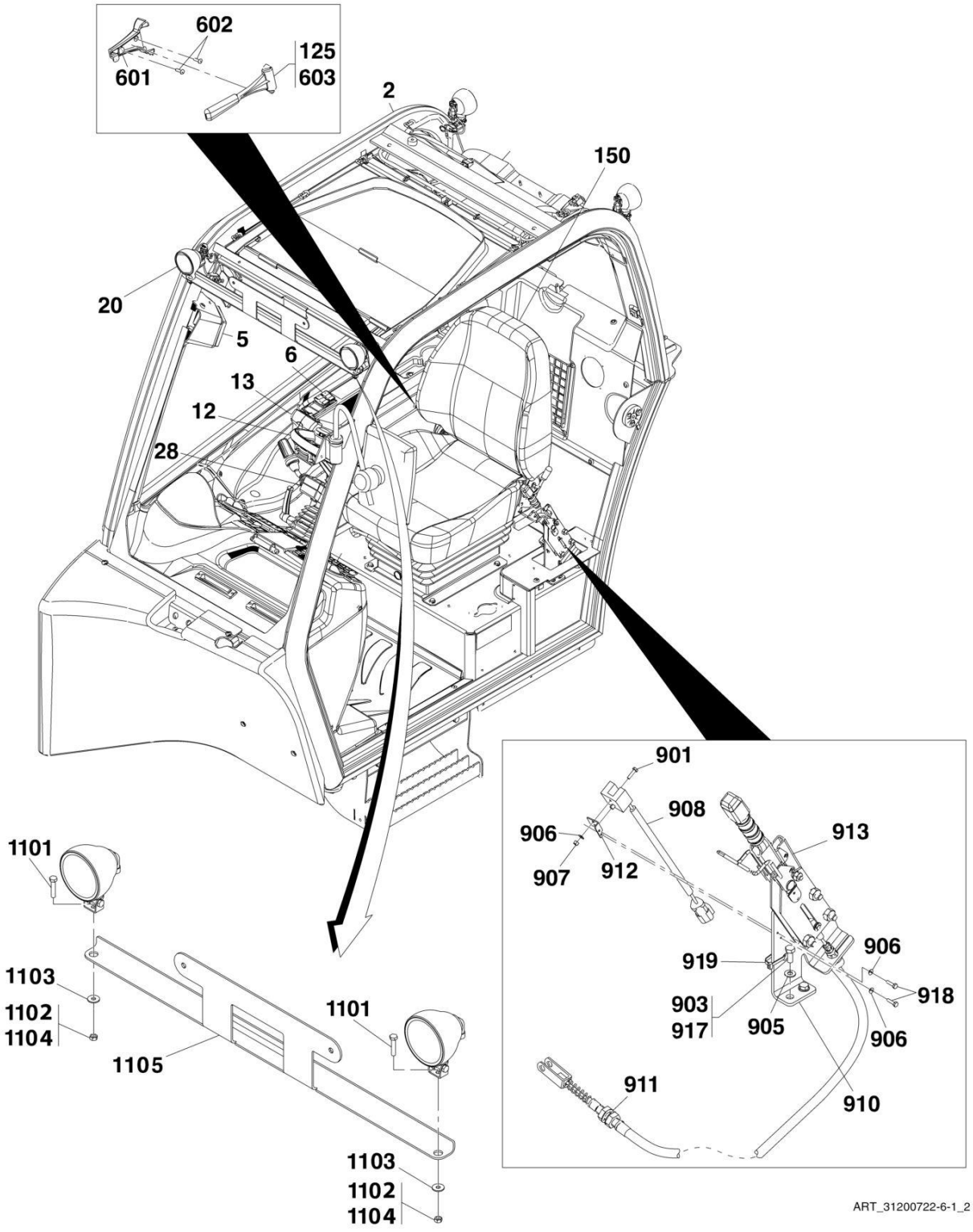

602
601
125
603
2
150
20
5
6
13
12
28
1101
1103
1102
1104
1105
1101
1103
1102
1104
901
908
906
907
912
913
919
906
903
917
905
918
906
911
910
ART_31200722-6-1_2

FIGURE 6-1. CAB INSTALLATION

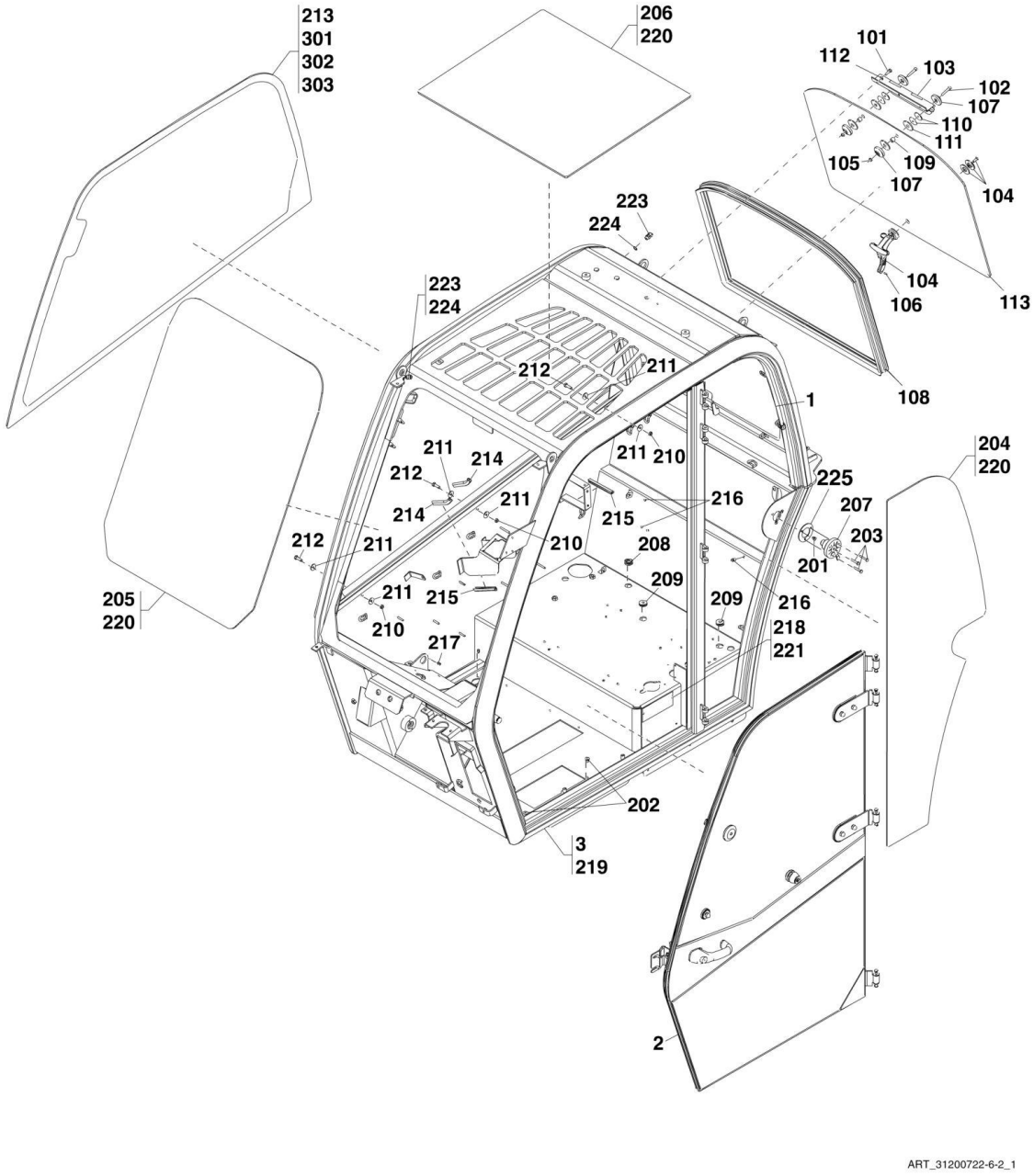
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001138923	1	CAB ASSEMBLY (if equipped with sun screen and roof wiper) (includes items 1 thru 41) (3706PS,3707PS)	Y
	1001138924	1	CAB ASSEMBLY (if equipped) (includes items 1 thru 10, 12, 13, 15 thru 19 & 22-41) (3706PS,3707PS)	Y
	1001138928	1	CAB ASSEMBLY (if equipped with sun screen and roof wiper) (includes items 1 thru 28 & 41) (4014PS,4017PS)	X
	1001138927	1	CAB ASSEMBLY (if equipped) (includes items 1 thru 10, 12, 13, 15 thru 19, 22 thru 28 & 41) (4014PS,4017PS)	X
1		Ref	BRAKE ASSEMBLY, (See CONTROLS SECTION for Breakdown)	
2		Ref	CAB ASSEMBLY, (See CAB ASSEMBLY for Breakdown)	
3	1001007641	1	MIRROR ASSEMBLY, (includes items 201 thru 204)	B
4	1001142723	1	MIRROR INSTALLATION, (not available to order, see items 301 thru 305 for service)	B
5		Ref	CAB ELECTRICAL INSTALLATION, (See ELECTRICAL SECTION for Breakdown)	
6		Ref	CAB SWITCHES, (See ELECTRICAL SECTION for Breakdown)	
8		Ref	RADIO INSTALLATION, (not shown), (See ELECTRICAL SECTION for Breakdown)	D
9		Ref	CAB ROOF WIRING, (not shown), (See ELECTRICAL SECTION for Breakdown)	
10	1001090272	Ref	HAND BRAKE INSTALLATION, (not available to order, see items 901 thru 919 for service)	J
11	1001090274	1	SUN SCREEN WINDOW ASSEMBLY, (includes items 402 thru 406)	D
12		Ref	STEERING COLUMN, (See CONTROLS SECTION for Breakdown)	
13		Ref	JOYSTICK, (See CONTROLS SECTION for Breakdown)	
14		Ref	ROOF WIPER, (not shown), (See WIPER INSTALLATIONS for Breakdown)	
15		Ref	REAR WIPER, (not shown), (See WIPER INSTALLATIONS for Breakdown)	
18		Ref	UGM INSTALLATION, (not shown), (See ELECTRICAL SECTION for Breakdown)	
19		Ref	LMI INSTALLATION, (not shown), (See ELECTRICAL SECTION for Breakdown)	
20		Ref	CAB FLOOD LIGHTS, (See ELECTRICAL SECTION for Breakdown)	
22		Ref	FRONT WIPER, (not shown), (See WIPER INSTALLATIONS for Breakdown)	
23		Ref	POWER DISTRIBUTION INSTALLATION, (not shown),(See ELECTRICAL SECTION for Breakdown)	
25	1001127517	Ref	STEP INSTALLATION, (not available to order, see 501 thru 503 for service) (4017PS) **(Prior to SN 1160008047)**	A
25	1001193204	Ref	STEP INSTALLATION, (not available to order, see 501 thru 503 for service) **(SN 1160008047 to Present)**	C
26		Ref	INTERIOR COVER INSTALLATION, (See INTERIOR INSTALLATION for Breakdown)	
27		Ref	ACCELERATOR PEDAL, (See CONTROLS SECTION for Breakdown)	
41		Ref	WIRE HARNESS INSTALLATION, (not shown), (See ELECTRICAL SECTION for Breakdown)	
150		Ref	SEAT, (See SEAT ASSEMBLIES for Breakdown)	
201	1001008475	1	LOCKWASHER, #12	
202	1001008604	1	HEX NUT	
203	1001009124	2	WASHER	

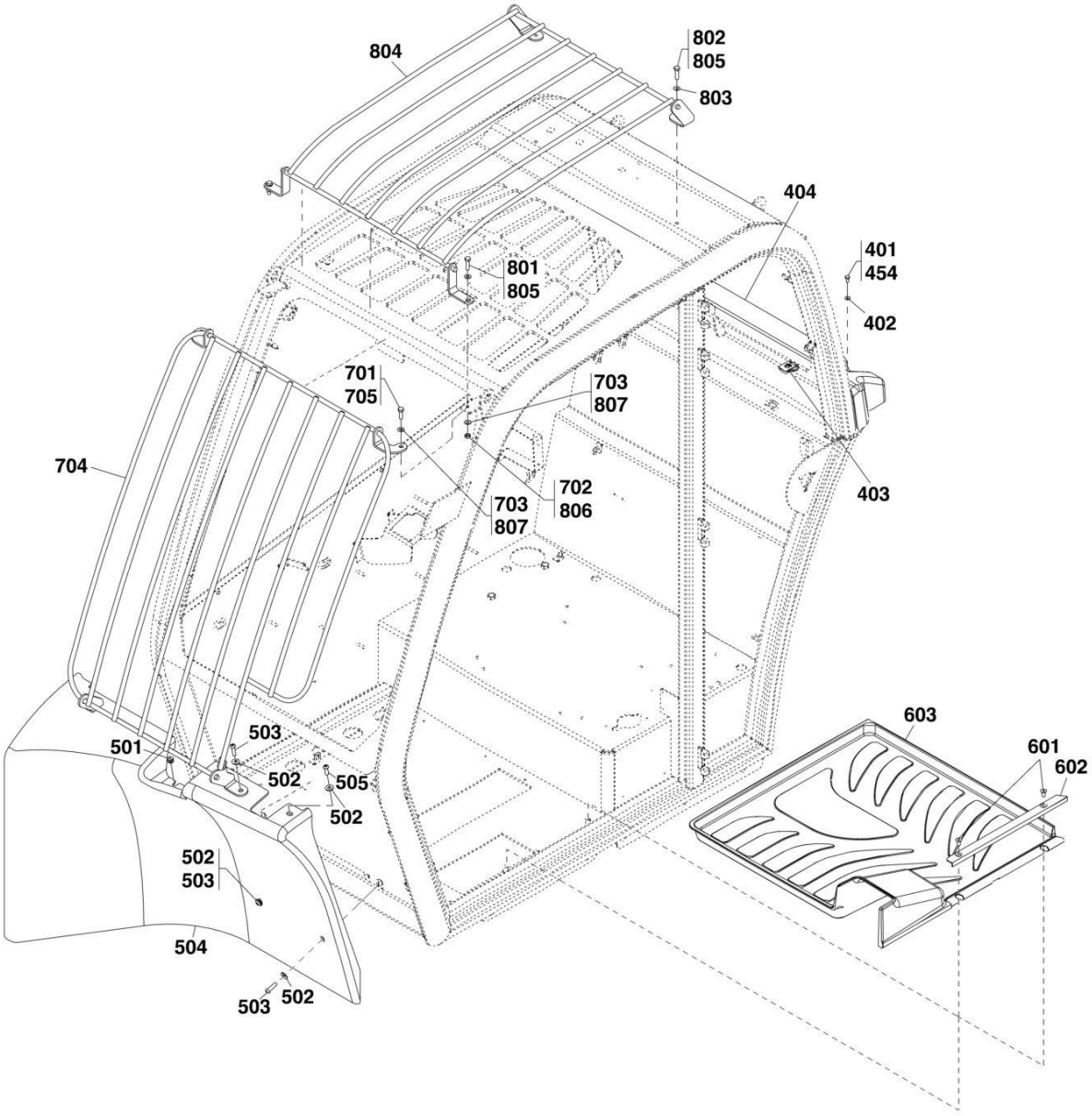
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
204	1001010839	1	MIRROR	
301	0760608	2	HEX HD CAPSCREW, M6X16, GR8.8	
302	4811700	2	WASHER, 6mm	
303	1001095650	AR	LOCTITE 243	
304	1001142726	1	CONVEX MIRROR	
305	1001142727	1	CAB MIRROR BRACKET	
402	1001002975	1	SUNSCREEN BRACKET	
403	1001002976	1	SUNSCREEN LH BRACKET	
404	1001092348	1	SUN SCREEN VISOR	
406	1001111147	2	SELF TAPPING SCREW	
501	0761012	4	HEX HD CAPSCREW, M10X25, GR8.8	
502	4812000	4	WASHER, 10mm	
503	1001127516	1	STEP BRACKET **(Prior to SN 1160008047)**	
503	1001193205	1	STEP BRACKET **(SN 1160008047 to Present)**	
601	1001006955	1	HAMMER BRACKET	
602	1001005193	2	SCREW	
603	1001006954	1	HAMMER	
	1001094700	Ref	FRONT CAB MOUNTING INSTALLATION, (not available to order, see items 701 thru 706 for service)	C
701	0712029	1	HEX HD CAPSCREW, M20X120, GR10.9	
702	1781813	2	DISK	
704	4812500	1	WASHER, 20mm	
705	8000565	1	RUBBER WASHER	
706	8000567	1	RUBBER MOUNT	
	1001094701	Ref	REAR CAB MOUNTING INSTALLATION, (not available to order, see items 801 thru 807 for service)	C
801	0712029	1	HEX HD CAPSCREW, M20X120, GR10.9	
802	1781813	2	DISK	
803	3332011	1	HEX NUT, M20X2.5	
805	4812500	1	WASHER, 20mm	
806	8000565	1	RUBBER WASHER	
807	8000567	1	RUBBER MOUNT	
901	0700408	1	HEX HD CAPSCREW, M4X16, GR8.8	
903	0760810	2	HEX HD CAPSCREW, M8X20, GR8.8	
905	8307222	2	WASHER, 8mm	
906	8310491	3	WASHER, 4mm	
907	3290405	1	HEX LOCKNUT, M4X0.7	
908	1001063529	1	SENSOR	
910	1001188047	1	BRACKET	
911	1001188067	1	CABLE	
912	1001187947	1	BRACKET	
913		Ref	MECHANICAL HANDBRAKE, (See CONTROLS SECTION for Breakdown)	
917	1001095650	AR	LOCTITE 243	
918	0760405	2	HEX HD CAPSCREW, M4X20, GR8.8	
919	471678	1	CABLE BAND	
	1001096634	Ref	CAB STEP INSTALLATION (if equipped) (not available to order, see items 1001 thru 1007 for service) (4014PS)	C
	1001210288	Ref	CAB STEP INSTALLATION (if equipped) (not available to order, See items 1001 thru 1007 for service) (33.7,37.7,3707PS)	B
1001	0761016	4	HEX HD CAPSCREW, M10X40, GR8.8	
1002	3291001	4	HEX NUT, M10X1.5, GR8.8	

SECTION 6 - CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1003	4812000	8	WASHER, 10mm	
1004	1001213936	4	SPACER (33.7,37.7,3707PS)	
1005	1001003485	2	PLATE	
1006	1001091694	1	STEP (4014PS)	
1006	1001210287	1	STEP (33.7,37.7,3707PS)	
1007	1001095650	AR	LOCTITE 243	
	1001181353	Ref	LICENSE PLATE BRACKET INSTALLATION, (if equipped)	A
1101	0760614	2	HEX HD CAPSCREW, M6X30, GR8.8	
1102	3290601	2	HEX NUT, M6X1	
1103	4811702	2	WASHER, 6mm	
1104	1001095650	AR	LOCTITE 243	
1105	1001181357	1	LICENSE PLATE BRACKET	

FIGURE 6-2. CAB ASSEMBLY





ART_31200722-6-2_2

FIGURE 6-2. CAB ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146501	1	ENCLOSED CAB ASSEMBLY (includes items 1 thru 3) (3706PS,3707PS,4014PS,4017PS) **(Prior to SN 1160008090)**	H
	1001178047	1	ENCLOSED CAB ASSEMBLY (includes items 1 thru 3) (3706PS,3707PS,4014PS,4017PS) **(SN 1160008090 to Present)**	E
1	1001094658	1	REAR WINDOW ASSEMBLY, (includes items 101 thru 113 for service)	C
2		Ref	DOOR ASSEMBLY, (See CAB DOOR for Breakdown)	
3	1001146502	1	CAB (includes items 201 thru 209 & 213 thru 225) (3706PS,3707PS,4014PS,4017PS) **(Prior to SN 1160008090)**	I
3	1001213059	1	CAB (includes items 201 thru 209 & 213 thru 225) (3706PS,3707PS,4014PS,4017PS) **(SN 1160008090 to Present)**	C
101	1001008800	3	BOLT, M6X1	
102	1001008928	2	SOCKET HD BOLT, M6X1	
103	1001003749	1	HINGE	
104	1001005368	1	LATCH ASSY	
105	1001008796	2	LOCKNUT	
106	1001003043	1	SPRING PIN	
107	1001003272	4	GLASS MOUNT	
108	1001003306	1	SEAL	
109	1001003273	2	SPACER	
110	1001122408	2	WASHER	
111	1001003274	4	WASHER	
112	1001009388	3	WASHER	
113	1001094659	1	WINDOW	
201	N.S.S.	4	RIVNUT	
202	N.S.S.	2	RIVNUT	
203	4010615	3	PAN HD CAPSCREW, M6X35	
204	1001002870	1	WINDOW	
205	1001002871	1	WINDOW	
206	1001002873	1	WINDOW	
207	1001002958	1	DOOR HOLD OPEN RETAINER	
208	1001003470	1	PLUG	
209	1001008469	2	GROMMET	
210	1001008857	3	LOCKNUT	
211	1001008944	6	WASHER	
212	1001009136	3	HEX HD CAPSCREW, M8X1.25	
213	1001002872	1	RH WINDOW (3706PS,3707PS,4014PS,4017PS)	
214	1001096465	2	TRIM	
215	1001096466	2	TRIM	
216	N.S.S.	5	RIVNUT	
217	N.S.S.	11	RIVNUT	
218	N.S.S.	2	RIVET, 4mm	
219	N.S.S.	1	WELDMENT	
220	1001111317	AR	WINDOW SEALANT	
221	N.S.S.	1	SN PLATE	
223	1001121675	4	GROMMET	
224	1001121707	4	SEAL	
225	1001169810	1	GASKET	
301	1001096470	1	GLASS	
302	1001096471	1	FRAME	
303		Ref	WINDOW SEALANT	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099169	Ref	REAR CAB COVER INSTALLATION, (if equipped),(not available to order, see items 401 thru 404 for service)	C
	1001134187	Ref	REAR CAB COVER INSTALLATION, (if equipped with A/C), (not available to order, see items 401 thru 404 & 454 for service)	A
401	0760606	4	HEX HD CAPSCREW, M6X12, GR8.8	
402	4811702	4	WASHER, 6mm	
403	8305919	4	RETAINER NUT, M6X1	
404	1001099066	1	COVER, (if equipped)	
404	1001134186	1	COVER, (if equipped with A/C)	
454	1001095650	AR	LOCTITE 243	
	1001118140	Ref	FRONT CAB COVER INSTALLATION, (if equipped with remote HVAC intake), (not available to order, see items 501 thru 505 for service)	D
	1001147375	Ref	FRONT CAB COVER INSTALLATION, (if equipped), (not available to order, see items 501 thru 504 for service)	B
	1001100862	Ref	FRONT CAB COVER INSTALLATION, (if equipped), (not available to order, see items 501 thru 505 for service)	D
501	1001003011	1	GROMMET	
502	1001008666	5	WASHER	
503	1001009162	4	BUTTON HD CAPSCREW	
504	1001157922	1	COVER, (if equipped with remote HVAC intake)	
504	1001157924	1	COVER, (if equipped)	
505	1001175533	1	BUTTON HEAD CAPSCREW, M8 X 25	
	1001101791	Ref	FLOORMAT INSTALLATION, (not available to order, see items 601 thru 603 for service)	C
601	1001160543	2	FLAT HD CAPSCREW, M8X16	
602	1001002996	1	BRACKET	
603	1001091273	1	FLOORMAT	
	1001090301	Ref	FRONT BRICK GUARD INSTALLATION, (not available to order, see items 701 thru 705 for service)	G
701	0760614	2	HEX HD CAPSCREW, M6X30, GR8.8	
702	3290601	2	HEX NUT, M6X1	
703	4811702	4	WASHER, 6mm	
704	1001091788	1	WELDMENT	
705	1001095650	AR	LOCTITE 243	
	1001091787	Ref	TOP BRICK GUARD INSTALLATION, (not available to order, see items 801 thru 807 for service)	F
801	0760614	2	HEX HD CAPSCREW, M6X30, GR8.8	
802	0760810	2	HEX HD CAPSCREW, M8X20, GR8.8	
803	4811900	2	WASHER, 8mm	
804	1001091786	1	WELDMENT	
805	1001095650	AR	LOCTITE 243	
806	3290601	2	HEX NUT, M6X1	
807	4811702	4	WASHER, 6mm	

FIGURE 6-3. CAB DOOR

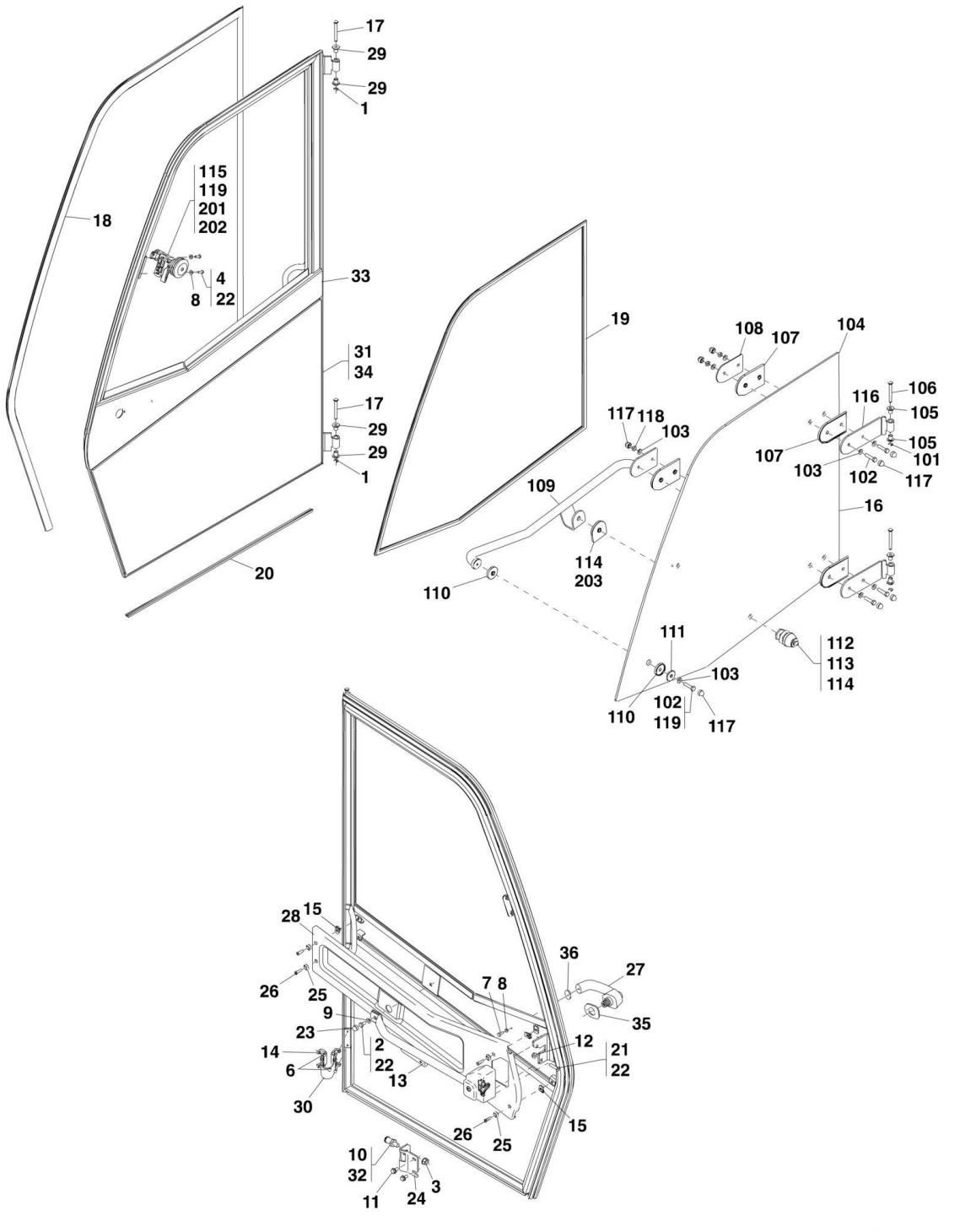


FIGURE 6-3. CAB DOOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001122362	1	DOOR ASSEMBLY (includes items 1 thru 36) (Construction, Enclosed Cab) (3706PS,3706PS,4014PS,4017PS) **(Prior to SN 1160008090)**	G
	1001178045	1	DOOR ASSEMBLY (includes items 1 thru 36) (Construction, Enclosed Cab) (3706PS,3707PS,4014PS,4017PS) **(SN 1160008090 to Present)**	E
1	0498748	2	SNAP RING	
2	0760808	1	HEX HD CAPSCREW, M8X16, GR 8.8	
3	3331215	1	HEX NUT, M12X1.75	
4	3900364	2	BUTTON HD CAP SCREW, M6X20	
5	3946123	1	SPACER, (not shown) **(Prior to SN 1160008090)**	
6	1001133089	4	POSI-DRIVE MACHINE SCREW, M5X12	
7	4010608	2	POSI-DRIVE MACHINE SCREW, M6X16	
8	4811700	4	WASHER, 6mm	
9	4811900	1	WASHER, 8mm	
10	4812100	2	WASHER, 12mm	
11	5200808	2	BOLT, M8X16	
12	5220800	2	NUT, M8	
13	8000802	1	DOOR HANDLE	
14	8001332	2	STRAP HOLDER BRACKET	
15	8305919	4	NUT, M6X1	
16	1001002868	1	WINDOW ASSEMBLY, (includes items 101 thru 119)	F
17	1001002944	2	HINGE PIN	
18	1001002961	1	DOOR FRAME SEAL	
19	1001002962	1	WINDOW SEAL	
20	1001002963	1	DOOR FRAME SEAL	
21	1001094312	2	FLAT HD SOCKET SCREW, M8X30, GR8.8	
22	1001095650	AR	LOCTITE 243	
23	1001096365	1	HEX HEAD CAP, M8	
24	1001096517	1	STRIKER MOUNT BRACKET	
25	1001097540	4	NYLON WASHER, 6mm	
26	1001132564	4	SCREW, M6X20	
27	1001178122	1	DOOR HANDLE **(Prior to SN 1160008090)**	
27	1001108830	1	DOOR HANDLE **(SN 1160008090 to Present)**	
28	1001101454	1	DOOR PANEL COVER	
29	1001107192	4	HINGE SLEEVE	
30	1001111153	1	DOOR STRAP	
31	1001111317	AR	WINDOW SEALANT ADHESIVE	
32	1001122312	1	BOLT STRIKER PIN	
33	1001122363C	1	DOOR FRAME, (Construction, Enclosed Cab) **(Prior to SN 1160008090)**	
33	1001122363J	1	DOOR FRAME, (Construction, Enclosed Cab) **(SN 1160008090 to Present)**	
33	1001122365C	1	DOOR FRAME, (Agricultural, Enclosed Cab)	
34	1001122366	1	LOWER DOOR WINDOW	
35	1001128763	1	DOOR HANDLE SEAL	
36	1001128764	1	DOOR HANDLE SEAL	
101	0498748	2	SNAP RING	
102	0700815	5	HEX HD CAPSCREW, M8X35, GR8.8, (torque to 28 Nm/21 lb-ft)	
103	4811900	8	FLAT WASHER, 8MM	
104	1001002869	1	UPPER DOOR WINDOW	

SECTION 6 - CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
105	1001002943	4	HINGE SLEEVE	
106	1001002944	2	HINGE PIN	
107	1001002946	4	HINGE MOUNT	
108	1001002947	1	HINGE MOUNT	
109	1001002948	1	HANDLE ASSEMBLY	
110	1001002953	2	RUBBER MOUNT	
111	1001002954	1	HANDLE WASHER	
112	1001002955	1	STRICKER LATCH	
113	1001002956	1	LATCH SPECIAL WASHER	
114	1001002957	1	LATCH MOUNT	
115	1001002959	1	WINDOW HANDLE	
116	1001002997	2	HINGE ASSEMBLY	
117	1001096365	8	CAP, 8mm	
118	1001008857	3	LOCKNUT	
119	1001095650	AR	LOCTITE 243	
201	1001165276	1	STRIKER PLATE	
202	1001165275	1	WINDOW LATCH	
203	1001169787	1	LATCH SEAL	

FIGURE 6-4. INTERIOR INSTALLATION

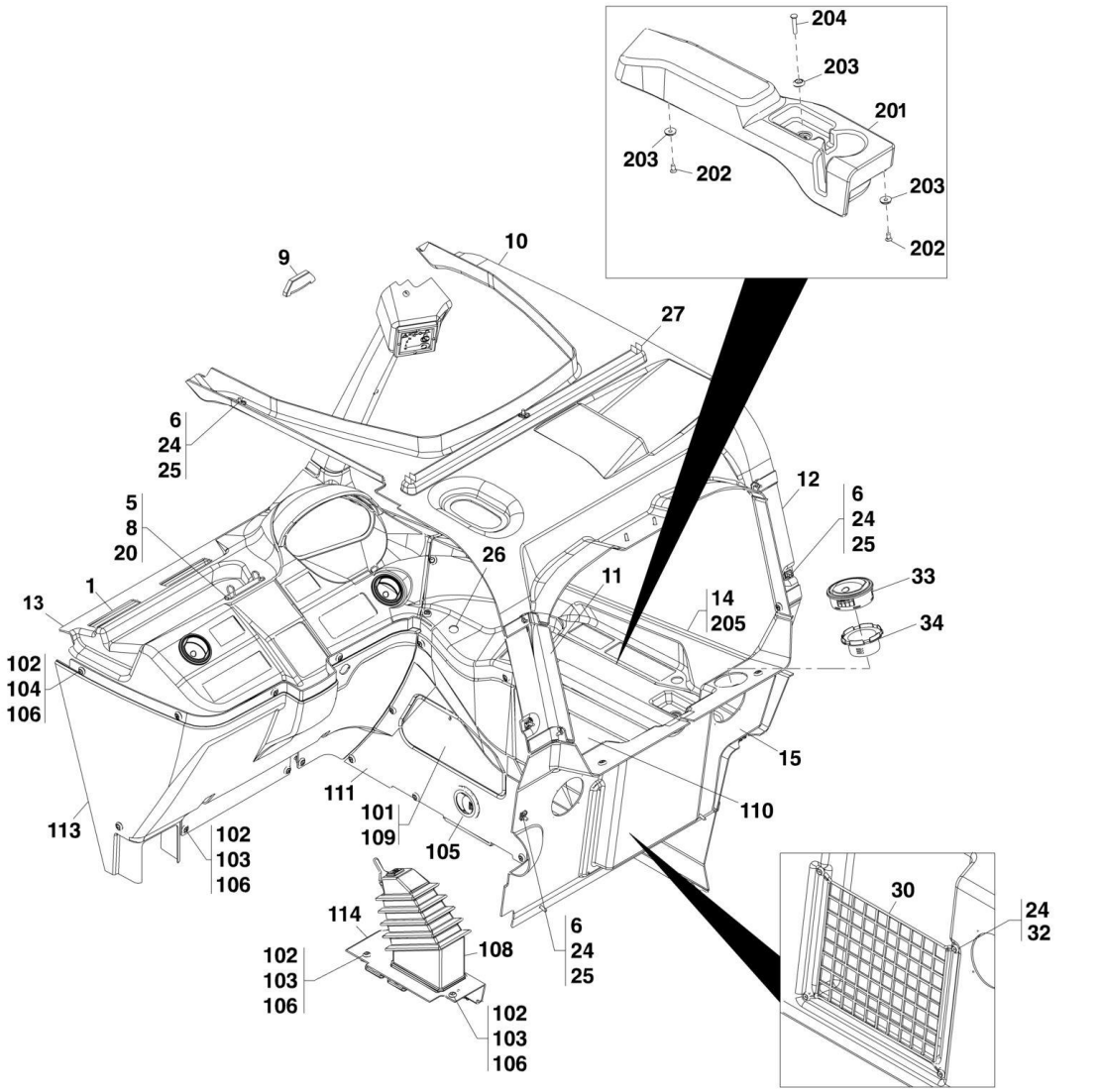


FIGURE 6-4. INTERIOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1		Ref	AIR CIRCULATION COMPONENTS, (See HEATER INSTALLATION for Breakdown)	
5	7029486	2	SCREW	
6	8305919	16	RETAINER NUT, M6X1	
8	1001005960	1	HOLDER	
9	8466306	1	LEVEL INDICATOR	
10	1001090347	1	HEADLINER COVER	
11	1001090348	1	RH POST COVER	
12	1001090349	1	LG POST COVER	
13	1001139111	1	UPPER FRONT CONSOLE COVER, (EAME)	
13	1001139513	1	UPPER FRONT CONSOLE COVER, (NACD)	
14	1001139158	1	UPPER SIDE CONSOLE COVER ASSEMBLY, (includes items 201 thru 205)	B
15	1001139160	1	REAR CAB COVER	
20	4811900	2	WASHER, 8mm	
24	1001098150	24	WASHER, M6	
25	1001132564	20	SCREW, M6X20	
26	1001102866	1	CAB GROMMET	
27	1001111076	2	SPIRE NUT	
30	1001094225	1	NET	
32	1001133260	4	SCREW	
33	1001147449	3	VENT	
34	1001149278	3	VENT CONNECTOR	
101	2080092	1	THUMB SCREW, M6X16mm	
102	8305919	26	RETAINER NUT	
103	1001097540	17	WASHER, M6	
104	1001098150	8	WASHER, M6	
105		Ref	AIR CIRCULATION COMPONENTS, (See HEATER INSTALLATION for Breakdown)	
106	1001132564	25	SCREW, M6X20	
108	1001121674	1	PARK BRAKE GAITOR COVER	
108	1001155589	1	HYD HAND BRAKE, COVER (4014PS,4017PS)	
109	1001139230	1	FUSE BOX COVER	
110	1001139231	1	RH REAR COVER	
111	1001139232	1	SIDE CONSOLE COVER	
113	1001139235	1	LOWER FRONT CONSOLE COVER	
114	1001139236	1	LH REAR COVER	
201	1001143657	1	ARMREST	
202	1001097538	2	SCREW, M6X12	
203	1001097540	3	WASHER, M6	
204	1001104277	1	SCREW, M6X35	
205	1001139159	1	UPPER SIDE CONSOLE COVER	

FIGURE 6-5. WIPER INSTALLATIONS

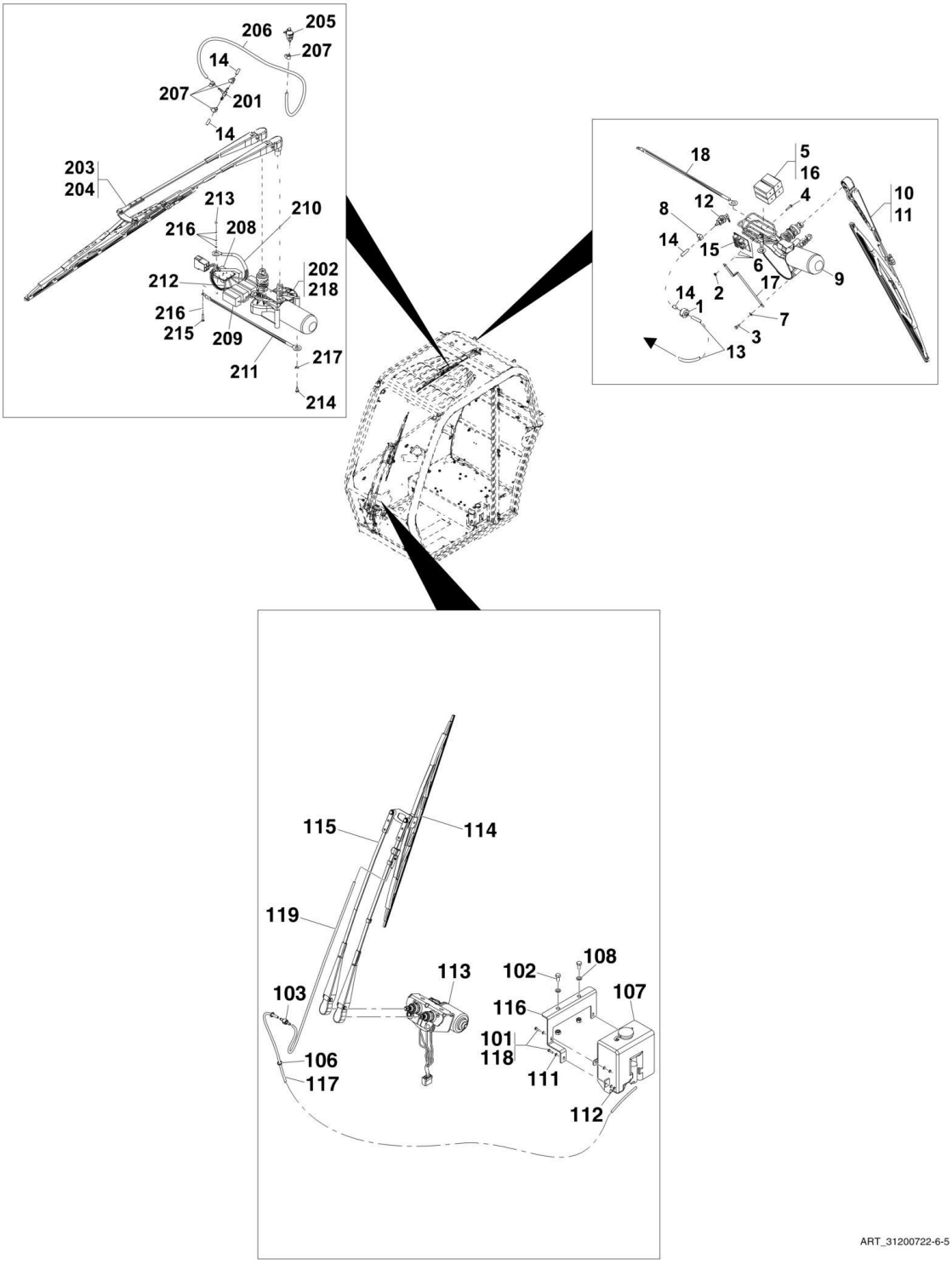


FIGURE 6-5. WIPER INSTALLATIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146291	Ref	REAR WIPER INSTALLATION, (not available to order, see items 1 thru 18 for service)	B
1	1366865	1	CHECK VALVE	
2	3290301	1	HEX NUT, M3X0.5	
3	3940606	1	SCREW	
4	4010308	1	SCREW, M3X16	
5	4240032	4	4 IN TIE STRAP	
6	4871200	4	STAR WASHER, 3mm	
7	4871700	1	STAR WASHER, 6mm	
8	1001004141	1	CLAMP	
9	1001090334	1	REAR WIPER MOTOR	
9	70021307	1	SERVICE KIT	
10	1001090337	1	WIPER BLADE	
11	1001090342	1	WIPER ARM	
12	1001090343	1	CONNECTOR	
13	1001094541	1	HOSE	
14	1001094543	1	HOSE	
15	1001143197	1	BRACKET	
16	1001143198	4	NOISE FILTER	
17	1001152862	1	STRAP	
18	1001146339	1	STRAP	
	1001146290	Ref	FRONT WIPER INSTALLATION, (not available to order, see items 101 thru 119 for service)	G
101	0760408	3	HEX HD CAPSCREW, M4X16, GR8.8, (torque to 3.4 Nm/2.5 lb-ft)	
102	0760808	2	HEX HD CAPSCREW, M8X16, GR8.8, (torque to 28 Nm/21 lb-ft)	
103	1366865	1	CHECK VALVE	
106	4240032	4	4 IN TIE STRAP	
107	4400493	1	TANK	
108	4811900	2	WASHER, 8mm	
111	8310491	6	WASHER, 4mm	
112	8310665	3	HEX NUT, M4X0.7	
113	1001090336	1	FRONT WIPER MOTOR	
113	70021308	1	SERVICE KIT	
114	1001090339	1	WIPER BLADE	
115	1001090340	1	WIPER ARM	
116	1001178097	1	BRACKET	
117	1001094534	1	HOSE	
118	1001095650	AR	LOCTITE 243	
119	1001096565	1	HOSE	
	1001146292	Ref	ROOF WIPER INSTALLATION, (if equipped), (not available to order, see items 201 thru 217 for service)	B
	1001146557	Ref	ROOF WIPER INSTALLATION (not available to order, see items 201, 203 thru 206 & 218) (3706PS,3707PS,4014PS,4017PS)	D
201	1001008742	1	TEE FITTING	
202	1001090335	1	ROOF WIPER MOTOR	
202	70021307	1	SERVICE KIT	
203	1001090338	1	WIPER BLADE	
204	1001090341	1	WIPER ARM	
205	1001090343	1	CONNECTOR	
206	1001096563	1	HOSE	

SECTION 6 - CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
207	1001004141	4	CLAMP	
208	1001143197	1	BRACKET	
209	1001143198	4	NOISE FILTER	
210	1001152862	1	STRAP	
211	1001146339	1	STRAP	
212	4240032	4	4 IN TIE STRAP	
213	3290301	1	HEX NUT, M3X0.5	
214	3940606	1	SCREW	
215	4010308	1	SCREW, M3X16	
216	4871200	4	STAR WASHER, 3mm	
217	4871700	1	STAR WASHER, 6mm	
218	1001154465	1	ROOF WIPER MOTOR INSTALLATION, (includes items 202, 208 thru 217)	A

FIGURE 6-6. SEAT ASSEMBLIES

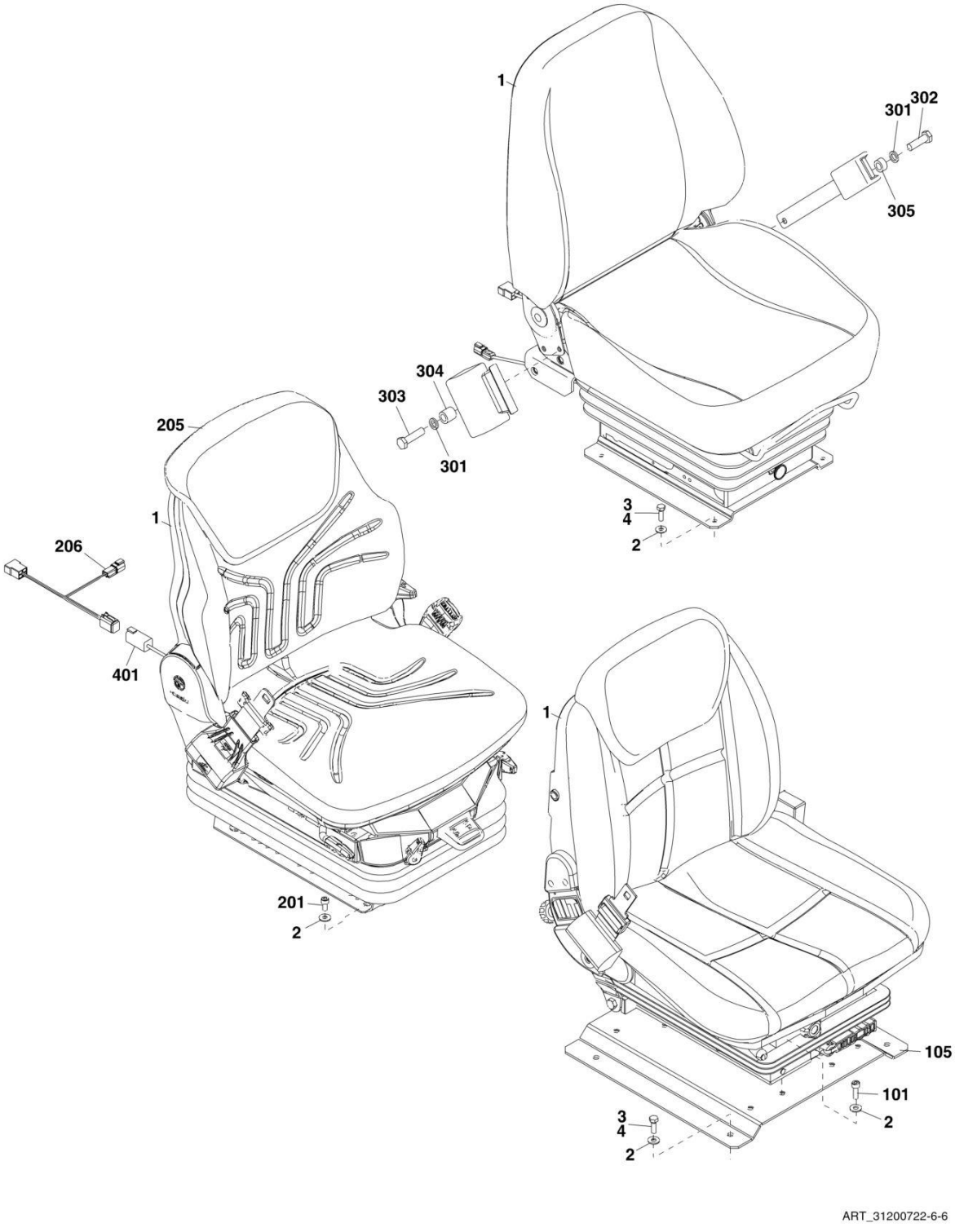
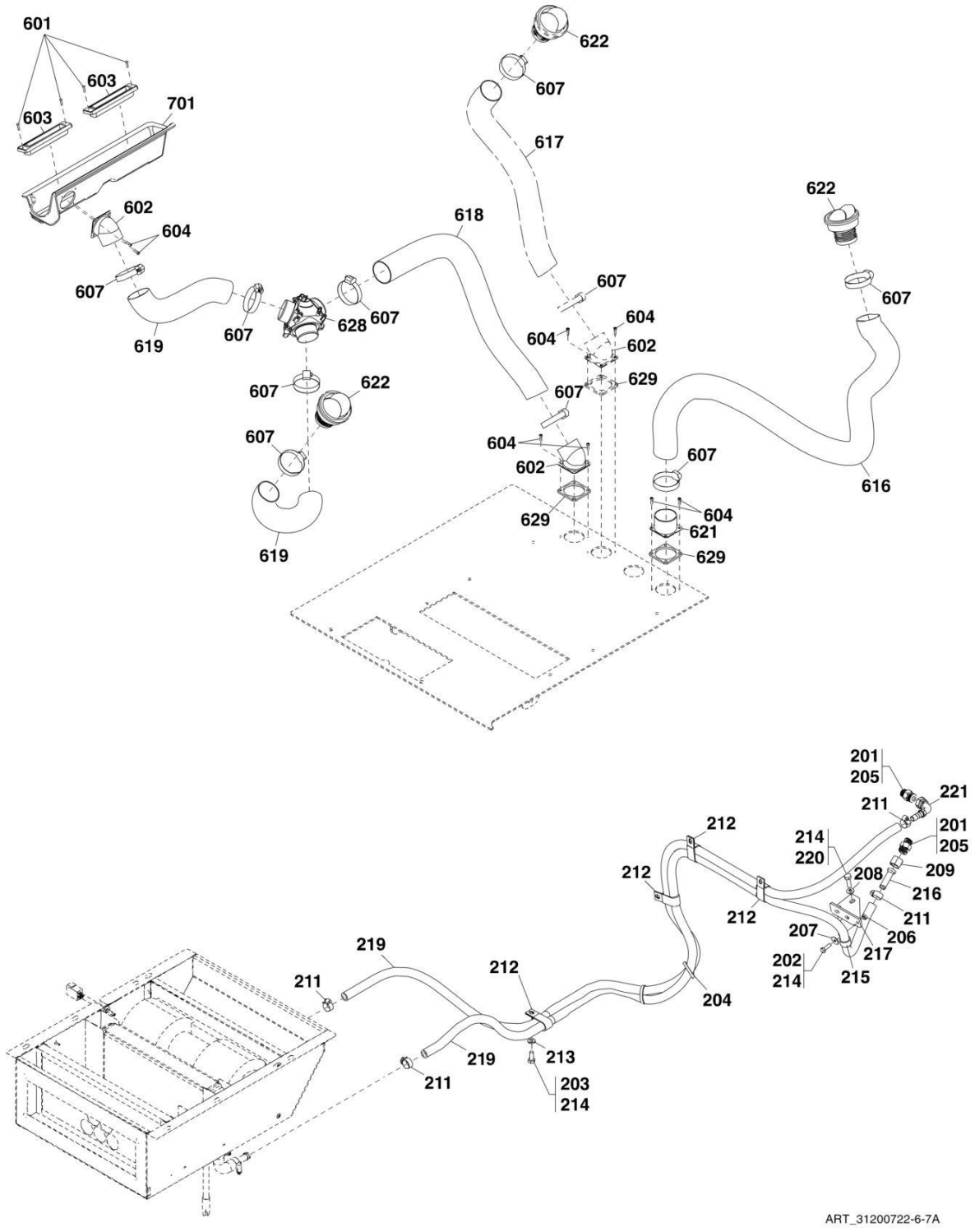


FIGURE 6-6. SEAT ASSEMBLIES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001136001	Ref	AIR SUSPENSION SEAT INSTALLATION, CLOTH (if equipped) (not available to order, see items 1 thru 4 for service) (3706PS,3707PS,4014PS,4017PS)	C
	1001136005	Ref	MECHANICAL SUSPENSION INSTALLATION, CLOTH (if equipped) (not available to order, see items 1 thru 4 & 101 thru 105 for service) (3706PS,3707PS,4014PS,4017PS)	C
1	1001152937	1	AIR SUSPENSION SEAT, CLOTH (if equipped) (includes item 401) (3706PS,3707PS,4014PS,4017PS)	
1	1001152824	1	MECHANICAL SUSPENSION SEAT, CLOTH (if equipped) (3706PS,3707PS,4014PS,4017PS)	
2	1001008666	4	HARD WASHER (if equipped)	
2	1001008666	8	HARD WASHER (if equipped) (3706PS,3707PS,4014PS,4017PS)	
3	0770812	4	HEX HD BOLT, M8X25	
4	1001095650	AR	LOCTITE 243	
101	4031909	4	SOCKET HD CAPSCREW, M8X25	
105	1001138144	1	SEAT MOUNT BRACKET	
201	4031909	4	SOCKET HD CAPSCREW, M8X25	
205	1001152521	1	HEADREST	
206	1001154259	NLA	SEAT ADAPTER HARNESS, (no longer available, use 1001168531 for service)	
206	1001168531	1	SEAT ADAPTER HARNESS	
	1001006730	1	SEAT BELT GROUP, (if equipped), (includes items 301 thru 305)	C
301	1001010646	2	SPRING WASHER	
302	1001010647	1	LOCKING BOLT, 38mm, GR10	
303	1001010648	1	LOCKING BOLT, 44mm, GR10.9	
304	1001010649	1	SPACER	
305	1001010650	1	SPACER	
401	1001117011	1	CONNECTOR	

FIGURE 6-7. HEATER INSTALLATION



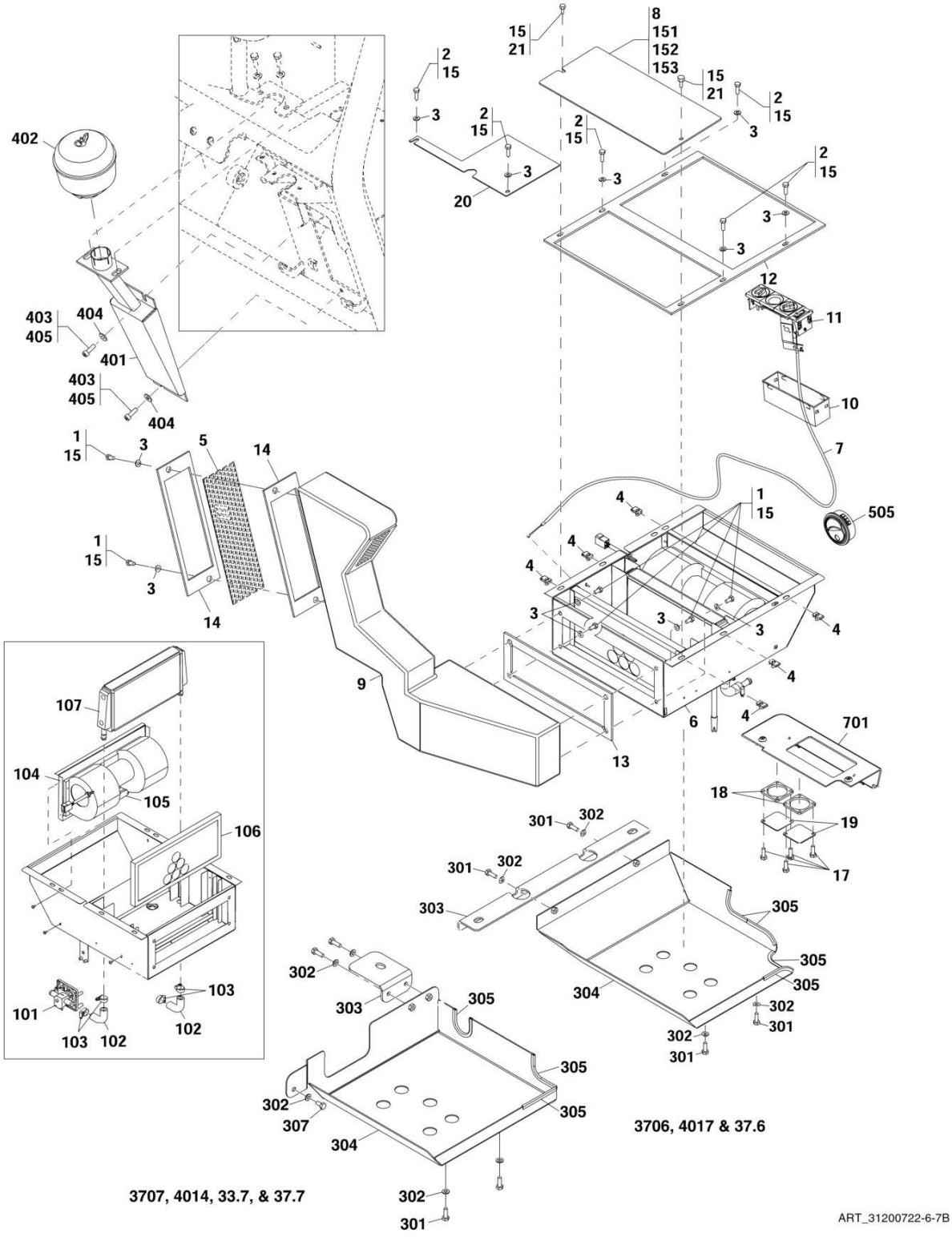
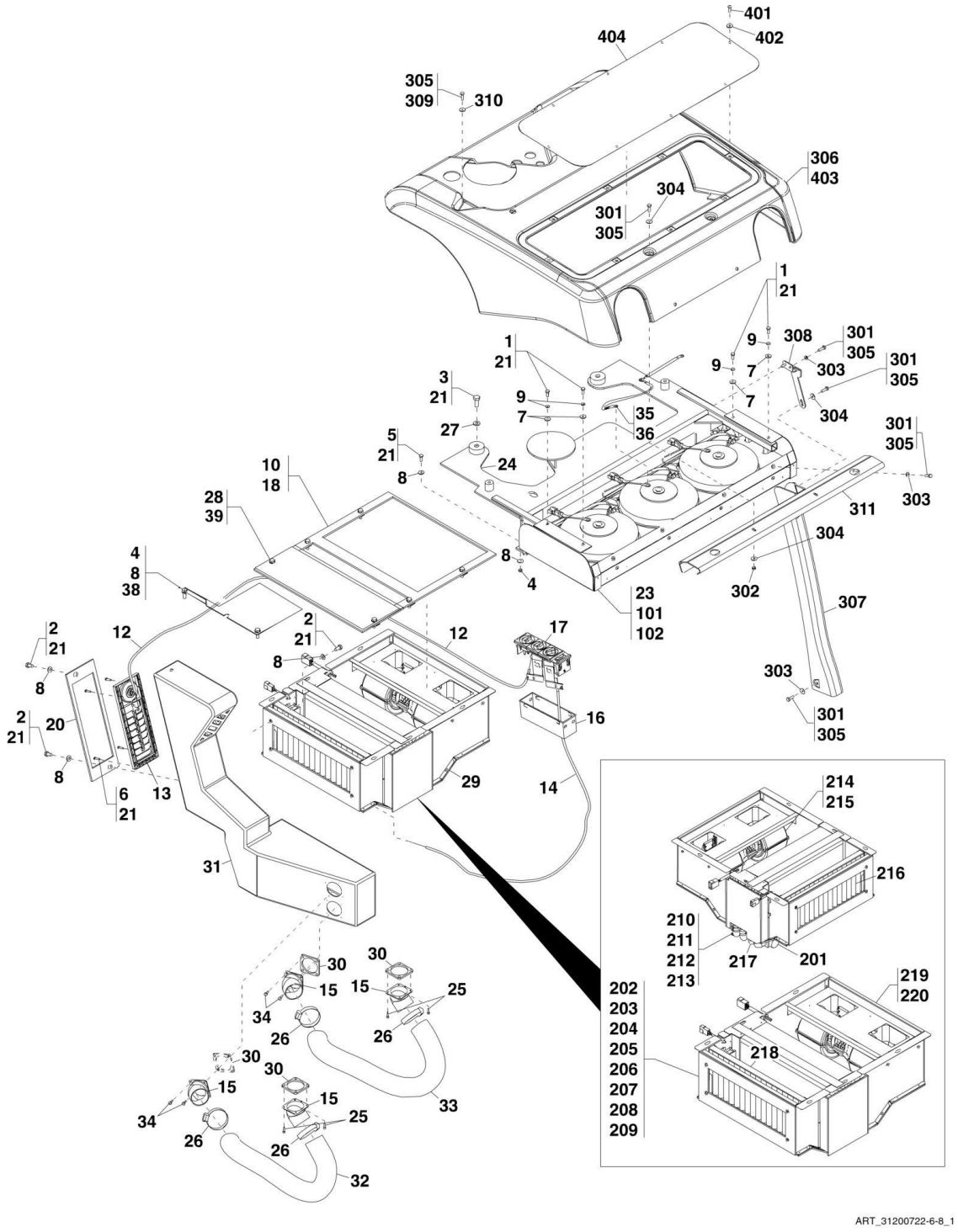

3706, 4017 & 37.6
3707, 4014, 33.7, & 37.7
ART_31200722-6-7B

FIGURE 6-7. HEATER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001118589	Ref	HEATER INSTALLATION, (not available to order, see items 1 thru 21 for service)	G
1	0760808	6	HEX HD CAPSCREW, M8X16, GR8.8	
2	0760812	6	HEX HD CAPSCREW, M8X25, GR8.8	
3	4811900	12	WASHER, 8mm	
4	8310686	6	NUT, M8X1.25	
5	1001002992	1	PLATE	
6	1001091376	1	HEATER ASSEMBLY, (includes items 101 thru 107)	D
7	1001091383	1	CABLE	
8	1001161807	1	AC/HEATER PANEL ASSEMBLY , (includes items 151 thru 153)	B
9	1001091728	1	COVER	
10	1001091871	1	BRACKET	
11	1001091924	1	CONTROL PANEL	
12	1001092088	1	FOAM SEAL	
13	1001094140	1	FOAM SEAL	
14	1001094215	2	FOAM SEAL	
15	1001095650	AR	LOCTITE 243	
17	4031507	4	HEX HD SOCKET SCREW, M4X16	
18	1001144635	2	FOAM SEAL	
19	1001144784	2	COVER HOLE PLATE	
20	1001160062	1	CAB FLOOR COVER	
21	1001161439	2	SCREW	
101	70021122	1	VALVE	
102	70021967	2	ELBOW, 90	
103	70021124	4	CLAMP	
104	1001118231	1	VENTILATOR	
105	70024169	1	RESISTOR	
106	1001118439	1	FILTER	
107	70021127	1	HEATER	
151	1001096659	1	SEAL	
152	1001151043	1	FOAM SEAL	
153	1001160117	1	COVER PLATE	
	1001135386	Ref	CAB HEATER LINES INSTALLATION, (not available to order, see items 201 thru 221 for service)	H
201	0100020	AR	LOCTITE 567	
202	0760812	1	HEX HD CAPSCREW, M8X25, GR8.8	
203	0761012	1	HEX HD CAPSCREW, M10X25, GR8.8	
204	1062255	2	TIE STRAP	
205	2221257	2	STRAIGHT FITTING, (includes o-ring)	
206	3290801	1	HEX NUT, M8X1X1.25, GR8	
207	4811902	2	WASHER, 8mm	
208	4812000	2	WASHER, 10mm	
209	8770143	1	NUT, (includes o-ring)	
211	1001008609	4	CLAMP	
212	1001008720	4	LOOP CLIP	
213	1001009092	1	WASHER	
214	1001095650	AR	LOCTITE 243	
215	1001100319	1	CLIP	
216	1001125409	1	BARB FITTING, (includes o-ring)	
217	1001134758	1	SUPPORT PLATE	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
219	1001146153	2	HOSE ASSY	
220	0761015	2	HEX HD CAPSCREW, M10X35, GR8.8	
221	1001137296	1	ELBOW, 90, (includes o-ring)	
	1001094632	Ref	HEATER/AC UNIT GUARD SHIELD INSTALLATION (if equipped) (not available to order, see items 301 thru 306 for service) (37.6,3706PS,4017PS)	F
	1001127290	1	HEATER/AC UNIT GUARD SHIELD INSTALLATION (if equipped) (not available to order, see items 301 thru 305 for service) (33.7,37.7,3707PS,4014PS)	D
301	0761014	4	HEX HD CAPSCREW, M10X30, GR8.8, (torque to 55 Nm/41 lb-ft)	
302	4812000	4	WASHER, 10 MM, (37.6,3706PS,4017)	
302	4812000	5	WASHER, 10 MM (33.7,37.7,3707PS,4014PS)	
303	1001149589J	1	GUARD BRACKET (37.6,3706PS,4017PS)	
303	1001127396	1	GUARD BRACKET (33.7,37.7,3707PS,4014PS)	
304	1001155932	1	GUARD SHIELD (37.6,3706PS,4017PS)	
304	1001145250	1	GUARD SHIELD (33.7,37.7,3707PS,4014PS)	
305	1001146121	4	SEAL (37.6,3706PS,4017PS)	
305	1001146121	3	SEAL (33.7,37.7,3707PS,4014PS)	
307	0761010	1	HEX HD CAPSCREW, M10X30, GR8.8 (torque to 55 Nm/41 lb-ft) (33.7,37.7,3707PS,4014PS)	
	1001118366	Ref	REMOTE INTAKE INSTALLATION, (not available to order, see items 401 thru 405 for service)	B
401	1001116495	1	WELDMENT	
402	1001118022	1	FILTER	
403	4031909	2	SOCKET HD CAPSCREW, M8X25	
404	4811902	2	WASHER, 8mm	
405	1001095650	AR	LOCTITE 243	
505	1001110856	1	VENT **(Prior to SN 1160007557, Excluding 1160006750)**	
505	1001147449	1	VENT **(SN 1160007557 to Present, Including 1160006750)**	
601	885236	4	SCREW, M3.5X16	
602	2180869	3	ELBOW, 45	
603	3953973	2	VENT	
604	4191706	8	THREAD ROLLING SCREW, 6X12	
607	8405201	10	2-1/2 IN CLAMP	
616	1001091416	1	HOSE	
617	1001091417	1	HOSE	
618	1001091418	1	HOSE	
619	1001091419	2	HOSE	
621	1001091537	1	HOSE	
622	1001096169	3	VENT	
628	1001118228	NLA	3-WAY DUCT, (no longer available, use 1001178244 for replacement)	
628	1001178244	1	3-WAY DUCT	
629	1001144635	3	FOAM SEAL	
701		Ref	CAB INTERIOR, (See INTERIOR INSTALLATION for Breakdown)	

FIGURE 6-8. AIR CONDITIONING INSTALLATION



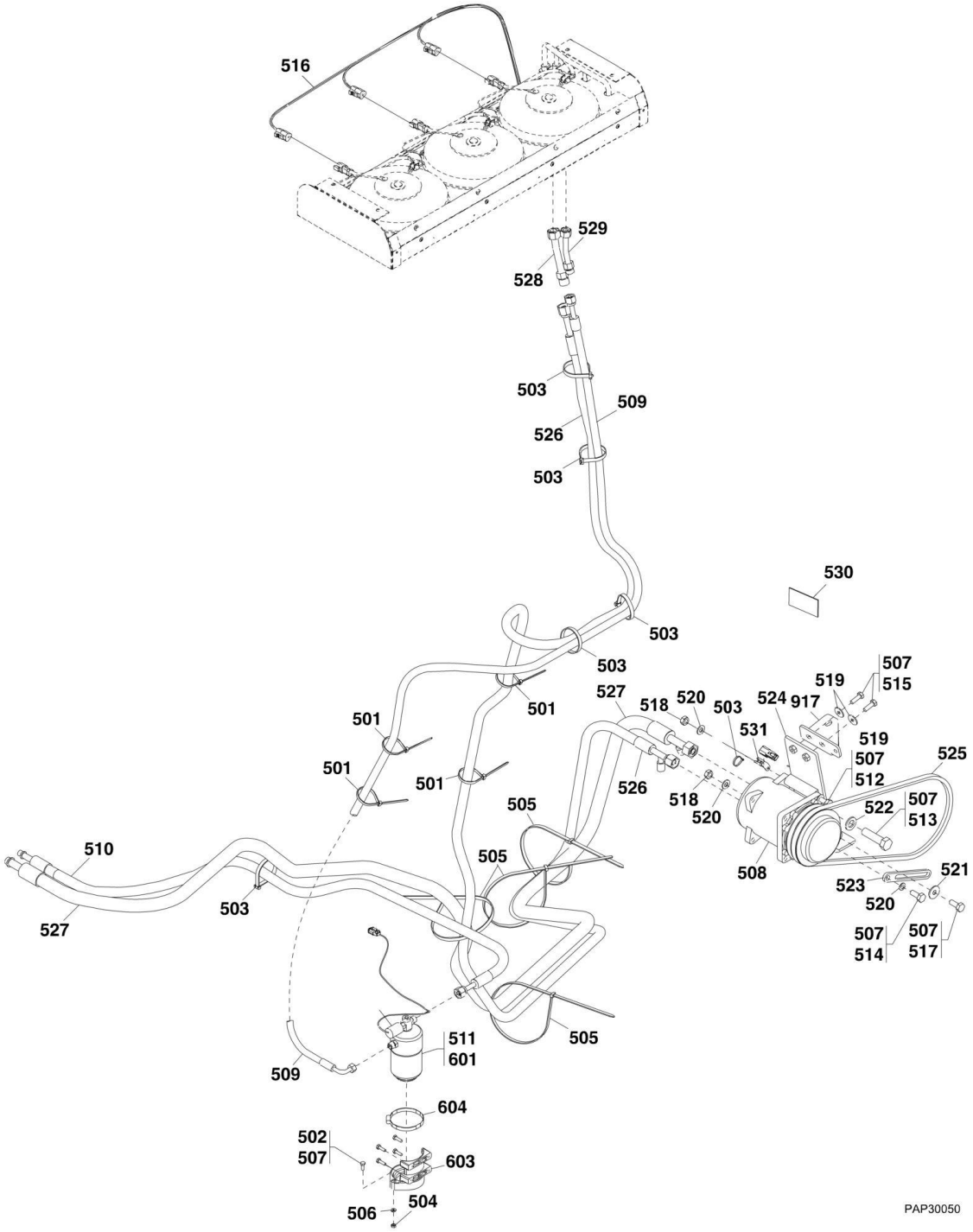

516
529
528
503
509
526
503
530
503
503
501
501
527
518
520
503
524
917
519
507
515
519
507
512
525
531
501
501
501
526
518
520
505
522
507
513
505
510
508
521
523
520
503
527
507
514
507
517
511
601
509
505
604
502
507
603
504
506
PAP30050

FIGURE 6-8. AIR CONDITIONING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144685	Ref	AIR CONDITIONING INSTALLATION, (not available to order, see items 1 thru 39 for service)	F
1	0760608	4	HEX HD CAPSCREW, M6X16, GR8.8	
2	0760808	6	HEX HD CAPSCREW, M8X16, GR8.8	
3	0760810	2	HEX HD CAPSCREW, M8X20, GR8.8	
4	0760812	8	HEX HD CAPSCREW, M8X25, GR8.8	
5	3290801	2	HEX NUT, M8X1.25	
6	3900265	4	SCREW, #8-18X3/4	
7	4811702	4	WASHER, 6mm	
8	4811900	16	WASHER, 18mm	
9	4831700	4	LOCKWASHER, 6mm	
10		Ref	HEX NUT, M8X12.5, (See HEATER INSTALLATION for Breakdown)	
12	1001091193	1	CABLE	
13	1001091194	1	VENT	
14	1001144765	1	CABLE	
15	2180869	4	ELBOW, 45	
16	1001091871	1	BRACKET	
17	1001091923	1	CONTROL PANEL	
18		Ref	FOAM SEAL, (See HEATER INSTALLATION for Breakdown)	
20	1001094215	1	FOAM SEAL	
21	1001095650	AR	LOCTITE 243	
23	1001146143	1	CONDENSER ASSEMBLY, (includes items 101 & 102)	B
24	1001142653	1	BRACKET	
25	4031507	4	SOCKET HD CAPSCREW, M4X16	
26	8405201	4	2-1/2 IN CLAMP	
27	4811902	2	WASHER, 8mm	
28		Ref	A/C HEATER PANEL, (See HEATER INSTALLATION for Breakdown)	
29	1001144345	1	HEATER WITH A/C ASSEMBLY, (includes items 201 thru 220)	D
30	1001144635	4	FOAM SEAL	
31	1001144677	1	COVER	
32	1001144678	1	TUBE	
33	1001144679	1	TUBE	
34	1001145218	8	PAN HD SCREW	
35	4871700	1	STAR LOCKWASHER, 6mm	
36	1001145448	1	CABLE	
37	1001146021	3	SEAL	
38		Ref	CAB FLOOR COVER, (See HEATER INSTALLATION for Breakdown)	
39		Ref	KNURLED HEAD SCREW, (See HEATER INSTALLATION for Breakdown)	
101	70022550	1	CONDENSOR	
102	70024381	1	12V FAN	
201	70021128	1	EXPANSION VALVE	
202	1001118308	1	O-RING	
203	70021130	1	O-RING	
204	70021131	1	INNER PLATE	
205	70021132	1	OUTTER PLATE	
206	70021133	1	SCREW, M5X35	
207	70021134	1	BOLT, M6X16	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
208	70021135	1	WASHER	
209	70021136	1	CAP	
210	70021137	1	THERMOSTAT	
211	8003164	1	WATER VALVE	
212	70021967	2	ADAPTER, 90	
213	70021124	4	CLAMP	
214	1001118231	1	VENTILATOR	
215	70024169	1	RESISTOR	
216	1001118439	1	FILTER	
217	1001118229	2	DRAIN	
218	70021127	1	HEAT EXCHANGER	
219	70024170	1	EVAPORATOR	
220	70024171	1	INSULATION	
	1001139167	Ref	A/C CONDENSER COVER INSTALLATION (not available to order, see items 301 thru 311 for service) (3706PS,3707PS,4014PS,4017PS)	C
301	0760610	10	HEX HD CAPSCREW, M6X20, GR8.8	
302	3290601	2	HEX NUT, M6X1	
303	4811700	7	WASHER, 6mm	
304	4811702	5	WASHER, 6mm	
305	1001095650	AR	LOCTITE 243	
306	1001139168	1	CONDENSER COVER ASSEMBLY (includes items 401 thru 404) (3706PS,3707PS,4014PS,4017PS)	C
307	1001131205	1	COVER	
308	1001133587	1	BRACKET	
309	0761010	2	HEX HD CAPSCREW, M10X20, GR8.8	
310	4812002	2	WASHER, 10mm	
311	1001142652	1	BRACKET	
401	3900364	8	BUTTON HD CAPSCREW, M6X20, (torque to 4.42 lb-ft/6 Nm)	
402	4811702	8	WASHER, 6mm	
403	1001139169	1	COVER (3706PS,3707PS,4014PS,4017PS)	
404	1001133239	1	COVER GRILL	
	1001154296	Ref	A/C ENGINE COMPONENT INSTALLATION (not available to order, see items 501 thru 531 for service) (33.7,37.6,37.7,3706PS,3707PS)	D
	1001154297	Ref	A/C ENGINE COMPONENT INSTALLATION (not available to order, see items 501 thru 531 for service) (4014PS)	D
	1001134920	Ref	A/C ENGINE COMPONENT INSTALLATION (not available to order, see items 501 thru 531 for service) (4017PS)	J
501	471678	16	TY-WRAP	
502	0760608	2	HEX HD CAPSCREW, M6X16, GR8.8	
503	1062255	8	TY-WRAP	
504	3290601	2	HEX NUT, M6X1	
505	4240127	4	TIE STRAP	
506	4811700	2	WASHER, 6mm	
507	1001095650	AR	LOCTITE 243	
508	1001119220	1	COMPRESSOR	
509	1001136487	1	HOSE ASSY	
510	1001145329	1	HOSE ASSY	
511	1001133700	1	DRYER FILTER ASSEMBLY, (includes items 601 thru 604)	A
512	0711030	1	HEX HD CAPSCREW, M10X130, GR10.9	
513	0701620	2	HEX HD CAPSCREW, M16X60, GR8.8	
514	0711015	1	HEX HD CAPSCREW, M10X35, GR10.9	

SECTION 6 - CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
515	0760812	2	HEX HD CAPSCREW, M8X25, GR8.8	
516		Ref	A/C HARNESS, (See ELECTRICAL SECTION for Breakdown)	
517	0761012	1	HEX HD CAPSCREW, M10X25, GR8.8	
518	3291001	2	HEX NUT, M10X1.5, GR8	
519	4811902	2	WASHER, 8mm	
520	4812000	4	WASHER, 10mm	
521	4812002	1	WASHER, 10mm	
522	4812300	2	WASHER, 16mm	
523	1001129680	1	PLATE	
524	1001158122	1	BRACKET	
525	1001134759	1	BELT	
526	1001154313	1	DISCHARGE HOSE (33.7,37.6,37.7,3706PS,3707PS)	
526	1001154311	1	DISCHARGE HOSE (4014PS)	
526	1001134525	1	DISCHARGE HOSE (4017PS)	
527	1001154314	1	SUCTION HOSE (33.7,37.6,37.7,3706PS,3707PS)	
527	1001154312	1	SUCTION HOSE (4014PS)	
527	1001146583	1	SUCTION HOSE (4017PS)	
528	1001136545	1	SUPPLY HOSE	
528	70021130	1	O-RING	
529	1001136546	1	RETURN HOSE	
529	1001093371	1	O-RING	
530	1001166868	NLA	DECAL, (no longer available, use 1001226910 for replacement)	
530	1001226910	1	DECAL	
531	1001003305	1	CLIP	
601	70021482	1	DRYER	
602	1001134049	1	PRESSURE SWITCH	
603	70021550	1	BRACKET	
604	70021551	1	CLAMP	
701		Ref	AIR CIRCULATION COMPONENTS, (not shown), (See HEATER INSTALLATION for Breakdown)	
801		Ref	HVAC GUARD INSTALLATION, (not shown), (See HEATER INSTALLATION for Breakdown)	
917		Ref	SUPPORT PLATE, (See HEATER INSTALLATION for Breakdown)	

FIGURE 6-9. CAB HYDRAULIC INSTALLATION (HYDRAULIC PARK BRAKE)

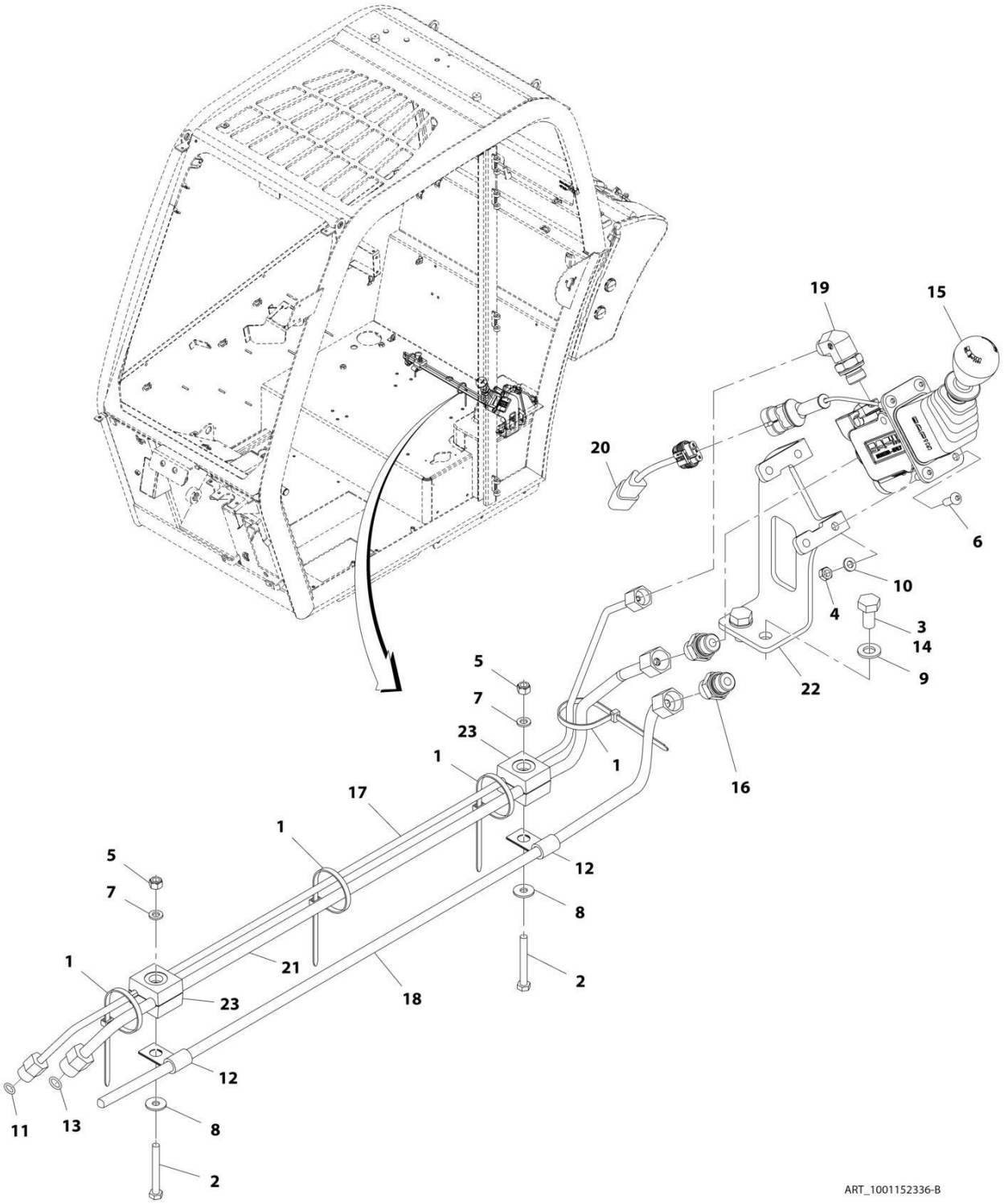


FIGURE 6-9. CAB HYDRAULIC INSTALLATION (HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152336	1	CAB HYDRAULIC INSTALLATION, (Hydraulic Park Brake)	B
1	471678	4	CABLE BAND	
2	0700618	2	HEX HD CAPSCREW, M6X50, GR8.8	
3	0761010	2	HEX HD CAPSCREW, M10X20, GR8.8	
4	3290601	4	HEX NUT, 6X1mm	
5	3290605	2	HEX LOCKNUT, M6X1	
6	3900357	4	BTNHD CAP SCR, M6 X 16	
7	4811700	2	WASHER, 2mm	
8	4811702	2	WASHER, 6mm	
9	4812000	2	WASHER, 10mm	
10	4831700	4	SPRING LOCKWASHER, 6mm	
11	1001008586	1	O-RING SEAL	
12	1001008773	2	CLIP	
13	1001008804	1	SEAL	
14	1001095650	AR	LOCTITE 243	
15		Ref	HYDRAULIC VALVE, HANDBRAKE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
16	1001101702	2	ADAPTER, CONNECTOR, (includes o-ring)	
17	1001154953	1	PIPE	
18	1001154955	1	PIPE	
19	1001155001	1	ADAPTER, 90, (includes o-ring)	
20	1001155239	1	HARNESS LINK	
21	1001155414	1	PIPE	
22	1001155781	1	PARK BRAKE MOUNT BRACKET	
23	1001156163	2	PIPE CLAMP	

SECTION 7 - CONTROLS

FIGURE 7-1. BRAKE

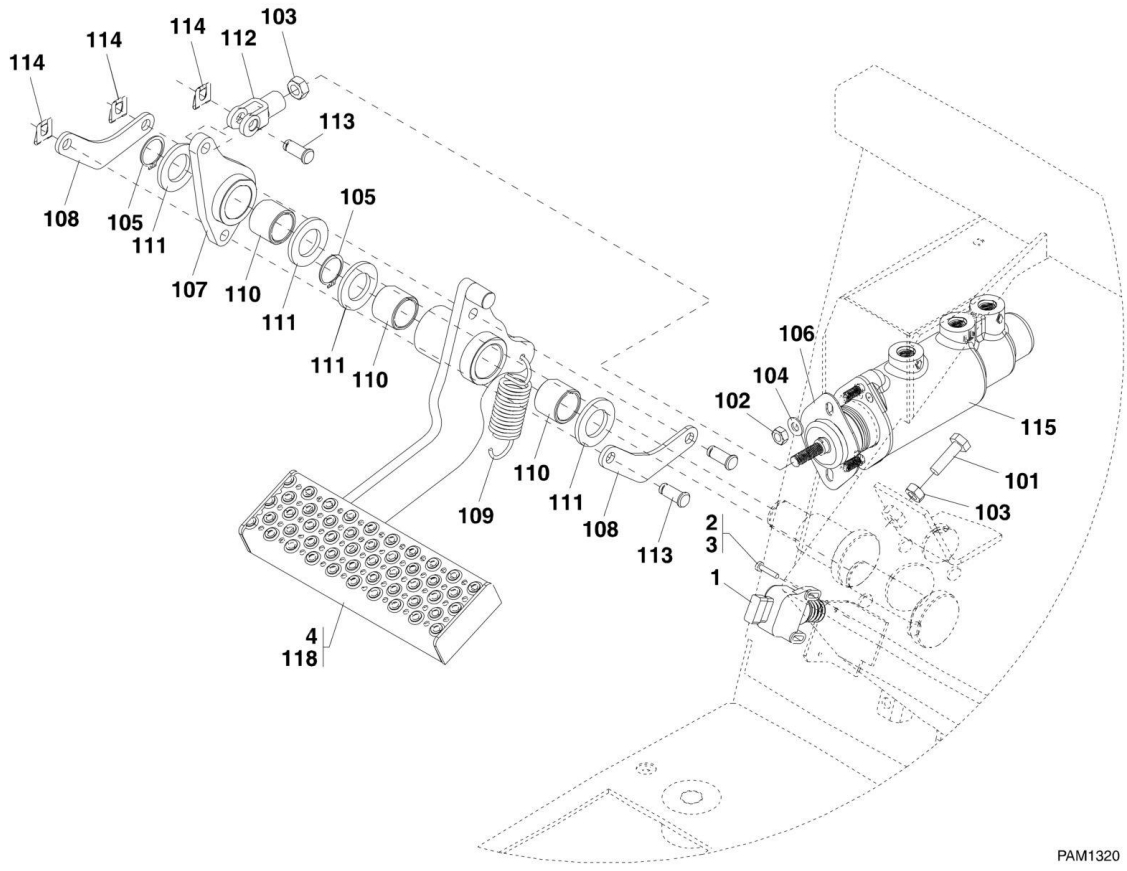


FIGURE 7-1. BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001002993	Ref	BRAKE INSTALLATION, (not available to order, see items 1 thru 4 for service)	B
1	4360658	1	BRAKE LIGHT SWITCH	
2	7029486	2	SCREW	
3	0100011	AR	LOCTITE 242	
4	1001097345	Ref	BRAKE PEDAL INSTALLATION, (not available to order, see items 101 thru 119 for service)	D
101	0701015	1	HEX HD CAPSCREW, 10X35mm, GR8.8	
102	3290801	2	HEX NUT, 8X1.25mm	
103	3291001	1	HEX NUT, 10X1.5mm	
104	4811900	2	FLAT WASHER, 8mm	
105	1001003000	2	SNAP RING	
106	1001003797	1	GASKET	
107	1001116431	1	LEVER ASSY	
108	1001116423	2	PLATE	
109	1001007591	1	SPRING	
110	1001008730	3	BUSHING	
111	1001009104	4	HARD WASHER	
112	1001009133	1	ROD	
113	1001009219	3	PIN	
114	1001009220	3	CLIP	
115	1001117360	1	MASTER BRAKE CYLINDER	
118	1001007417	1	BRAKE PEDAL	
119	1001104280	1	HEX NUT, 10X1.5mm, GR8	

FIGURE 7-2. HAND BRAKE

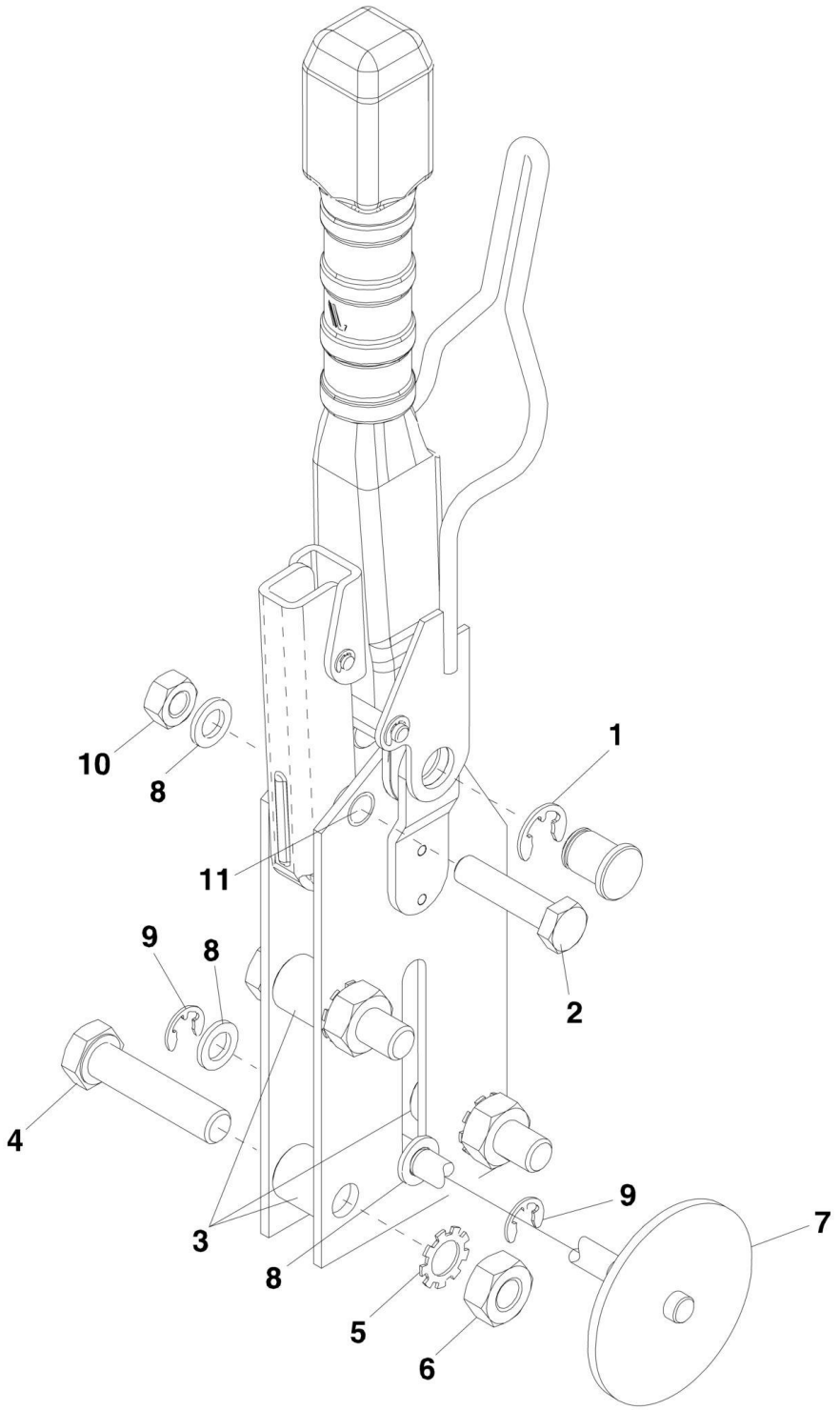


FIGURE 7-2. HAND BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001097686	1	MECHANICAL HANDBRAKE, (includes all items)	C
1	70020848	2	CIRCLIP	
2	70020849	1	HEX HD CAPSCREW, M8X35	
3	70020850	3	SPACER	
4	70020851	3	HEX HD CAPSCREW, M10X45	
5	70020852	3	BEARING LOCKWASHER	
6	70020853	3	HEX NUT, M10	
7	70021249	1	PIN AND SWITCH BRACKET	
8	70020855	3	FLAT WASHER	
9	70020856	2	CIRCLIP	
10	70020857	1	HEX NUT, M8	
11	70020858	1	SPACER	

FIGURE 7-3. ACCELERATOR

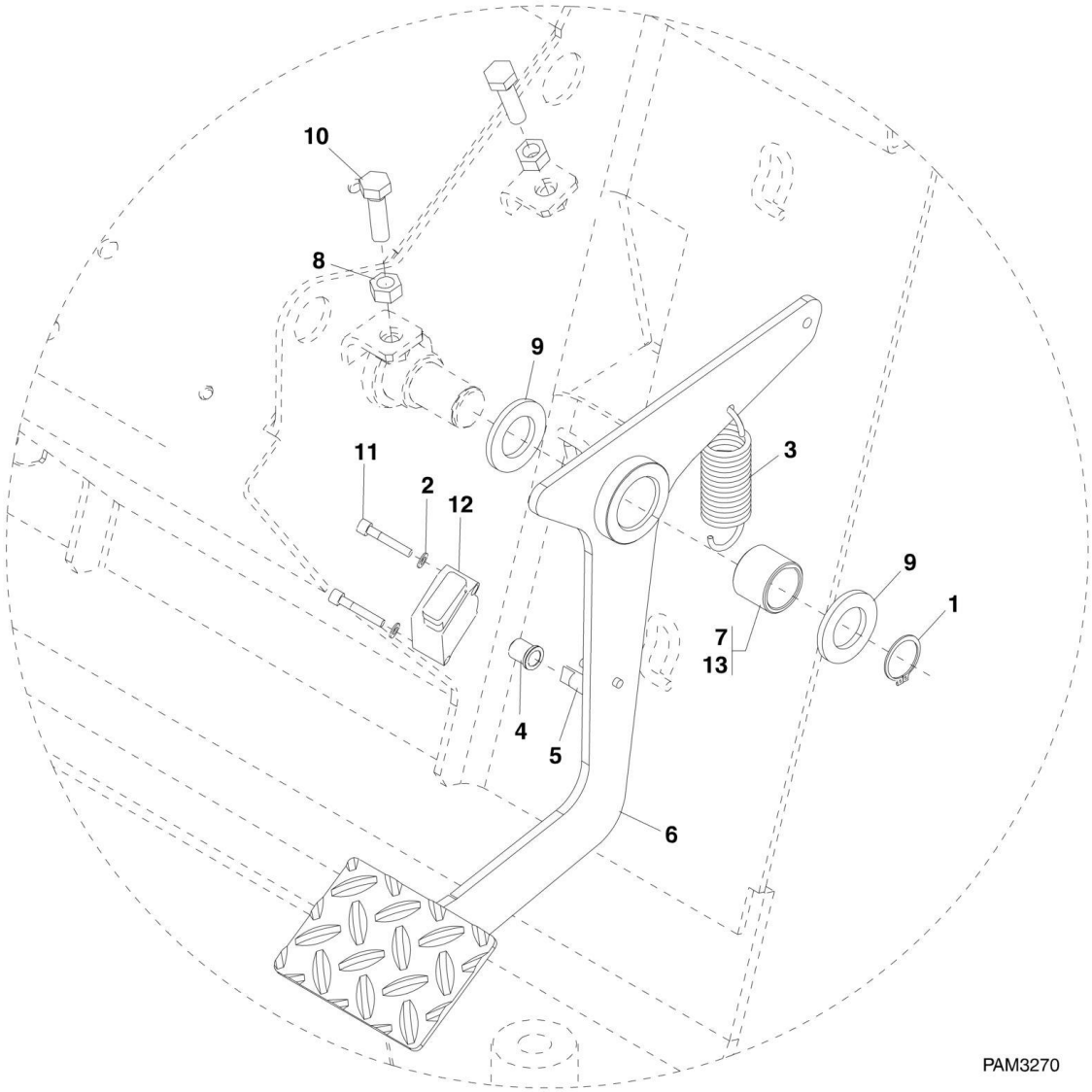


FIGURE 7-3. ACCELERATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127876	1	ELECTRONIC ACCELERATOR PEDAL, (includes items 1 thru 13)	B
1	1001003000	1	SNAP RING	
2	4811600	2	WASHER, 5mm	
3	1001007591	1	SPRING	
4	1001006913	1	BEARING	
5	1001006914	1	ACTUATOR	
6	1001008106	1	PEDAL	
7	1001008730	1	BUSHING	
8	1001009097	2	NUT	
9	1001009104	2	WASHER	
10	1001009120	2	BOLT, M10X1.5	
11	1001009365	2	SOCKET HD BOLT, 5X0.8mm	
12	1001127848	1	THROTTLE SENSOR	
13	1001098457	AR	LITHIUM GREASE	

FIGURE 7-4. STEERING COLUMN

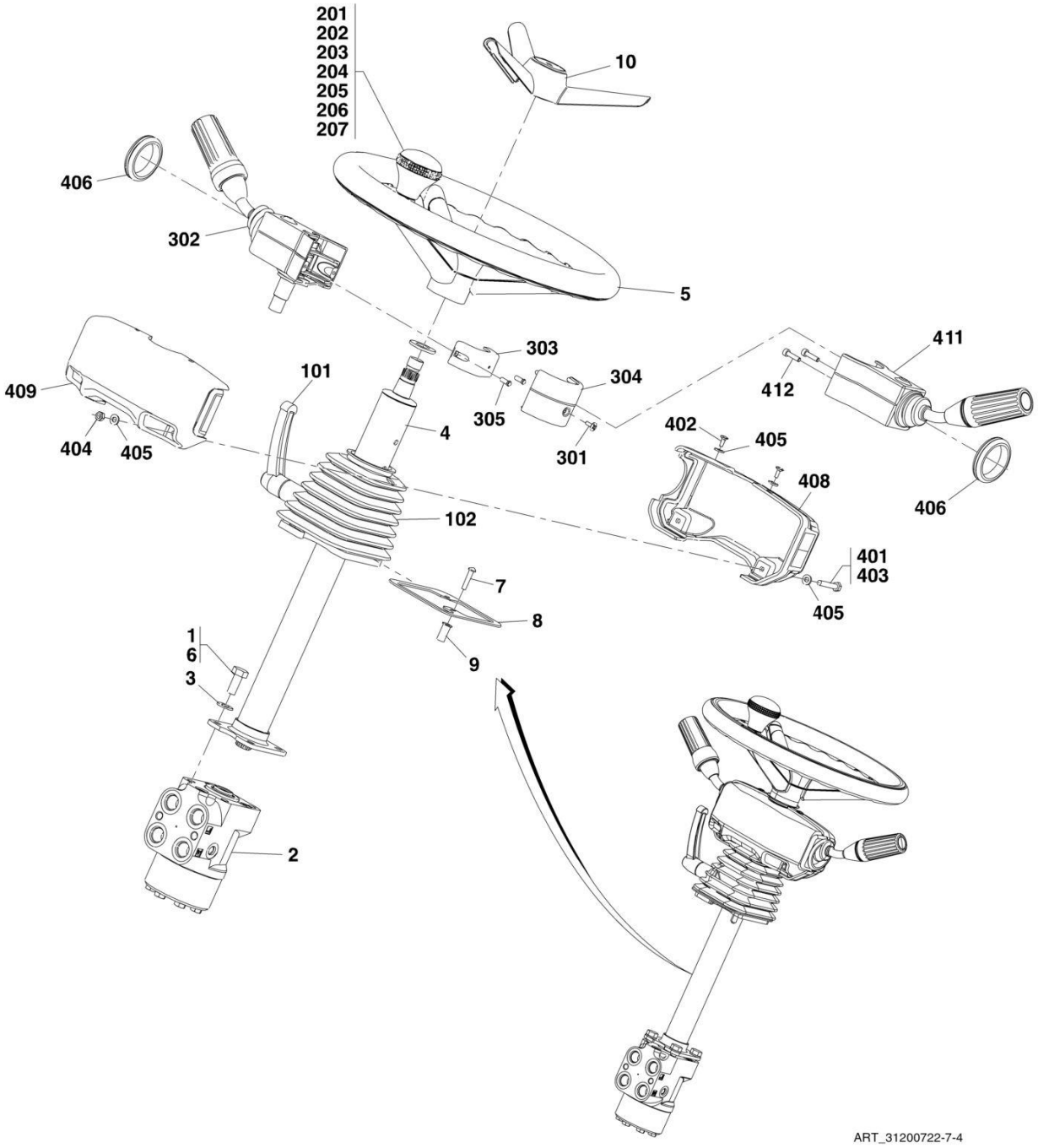


FIGURE 7-4. STEERING COLUMN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135841	1	STEERING COLUMN (includes items 1 thru 10) (3706PS,3707PS,4014PS,4017PS)	A
1	0761012	4	HEX HD CAPSCREW, M10X25, GR8.8	
2	4641521	1	VALVE	
3	4812000	4	WASHER, 10mm	
4	1001132053	1	STEERING COLUMN, (includes items 101 & 102)	A
5	1001091033	1	STEERING WHEEL, (includes items 201 thru 207)	A
6	1001095650	AR	LOCTITE 243	
7	1001103984	2	MACHINE HD SCREW, M5X25	
8	1001096669	1	STEERING COLUMN BOOT PLATE	
9	1001112431	2	RUBBER ADJUSTING RIVET	
10	1001135838	1	STEERING WHEEL INSERT (3706PS,3707PS,4014PS,4017PS)	
101	70020794	1	LOCKING HANDLE	
102	70020793	1	BELLOW	
201	70020783	1	CAP	
202	70020784	1	GRIP	
203	70020785	1	BASE	
204	70020786	1	WASHER	
205	70020787	1	SCREW	
206	70020788	1	WASHER	
207	70020789	3	NUT	
	1001131283	1	MULTI SWITCH, (includes items 301 thru 305)	A
301	1001101012	1	SCREW, M4X12, (torque to 1.5 Nm/1.10 lb-ft)	
302	1001109744	1	TURN/WIPER SWITCH	
303	1001133306	1	CLAMP	
304	1001133307	1	COVER	
305	1001133355	2	SCREW, M5X12, (torque to 3.5 Nm/2.58 lb-ft)	
	1001145461	NLA	STEERING COLUMN PANEL (includes items 401 thru 409) (no longer available, use 1001160883 & 1001160882 for replacement)	B
	1001160883	1	STEERING COLUMN COVER (if equipped with Joystick Mounted FNR) (includes items 401 thru 409 and 413 & 414) (33.7,37.6,37.7,3706PS,3707PS,4014PS,4017PS)	A
	1001160882	1	STEERING COLUMN COVER (if equipped with FNR Lever) (includes items 401 thru 412) (33.7,37.6,37.7,3706PS,3707PS)	C
401	1001095650	AR	LOCTITE 243	
402	1001101012	2	SPEC SCREW, M4X12	
403	1001109890	2	HEX HD CAPSCREW, 6mm	
404	1001109891	2	NUT, 6mm	
405	1001109892	7	FLAT WASHER, 6mm, (if equipped with Joystick Mounted FNR)	
405	1001109892	6	FLAT WASHER, 6mm, (if equipped with FNR Lever)	
406	1001114141	1	RUBBER GROMMET, (if equipped with Joystick Mounted FNR)	
406	1001114141	2	RUBBER GROMMET, (if equipped with FNR Lever)	
408	1001145463	1	COLUMN COVER, REAR, (if equipped with Joystick Mounted FNR)	
408	1001160884	1	COLUMN COVER, REAR, (if equipped with FNR Lever)	
409	1001147376	1	COLUMN COVER, FRONT, (if equipped with Joystick Mounted FNR)	
409	1001160885	1	COLUMN COVER, FRONT, (if equipped with FNR Lever)	
410		Ref	SWITCH, BLANK COVER WITH BODY, (not shown), (See ELECTRICAL SECTION for Breakdown)	
411	1001158839	1	FNR HORN	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
412	4031608	2	HEXSOC HD SCR, M5X20	
413		Ref	SWITCH, SPDT MOMENTARY, (not shown), (See ELECTRICAL SECTION for Breakdown)	
414		Ref	SWITCH KEY, HORN, (not shown), (See ELECTRICAL SECTION for Breakdown)	

FIGURE 7-5. BOOM JOYSTICK

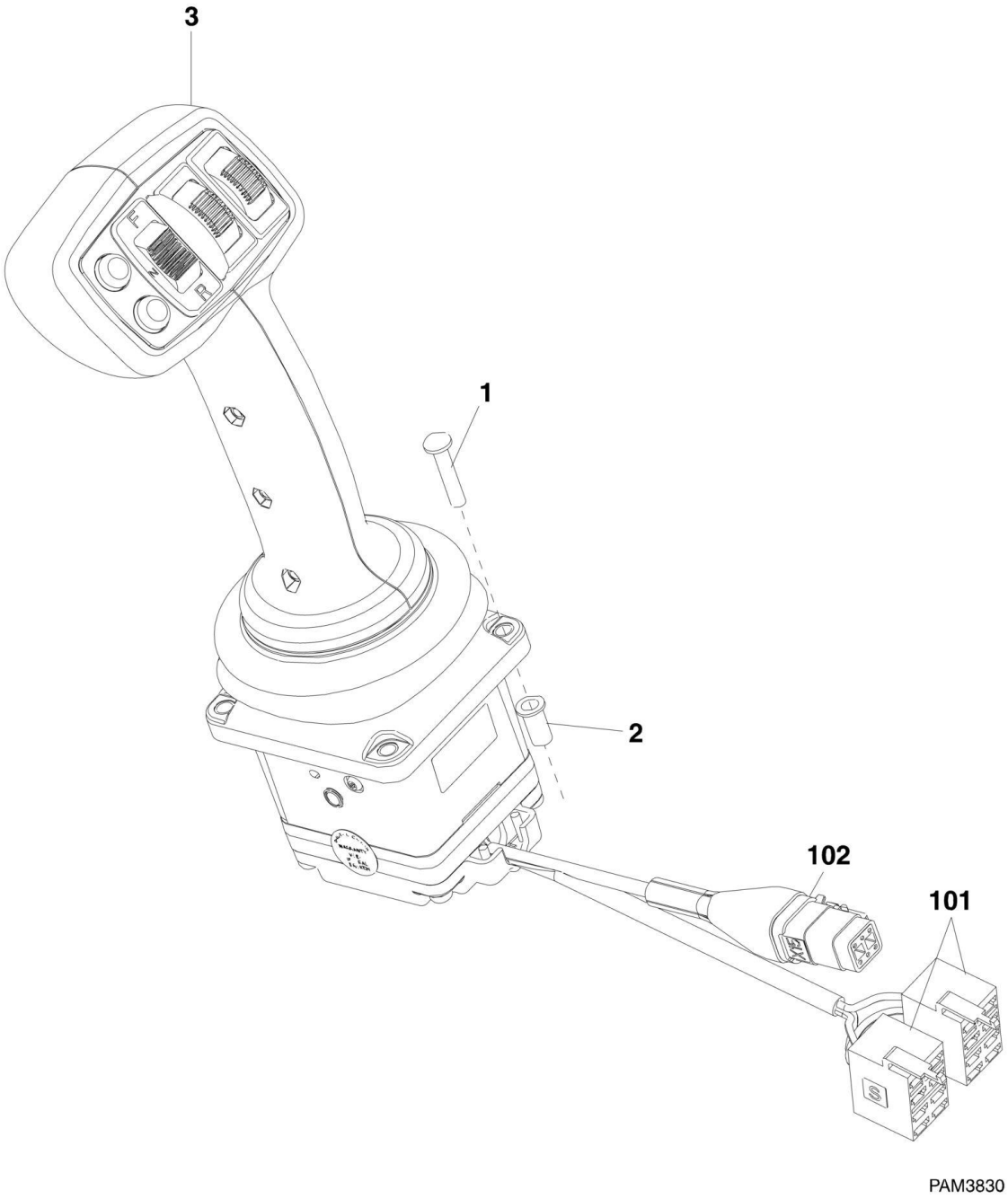


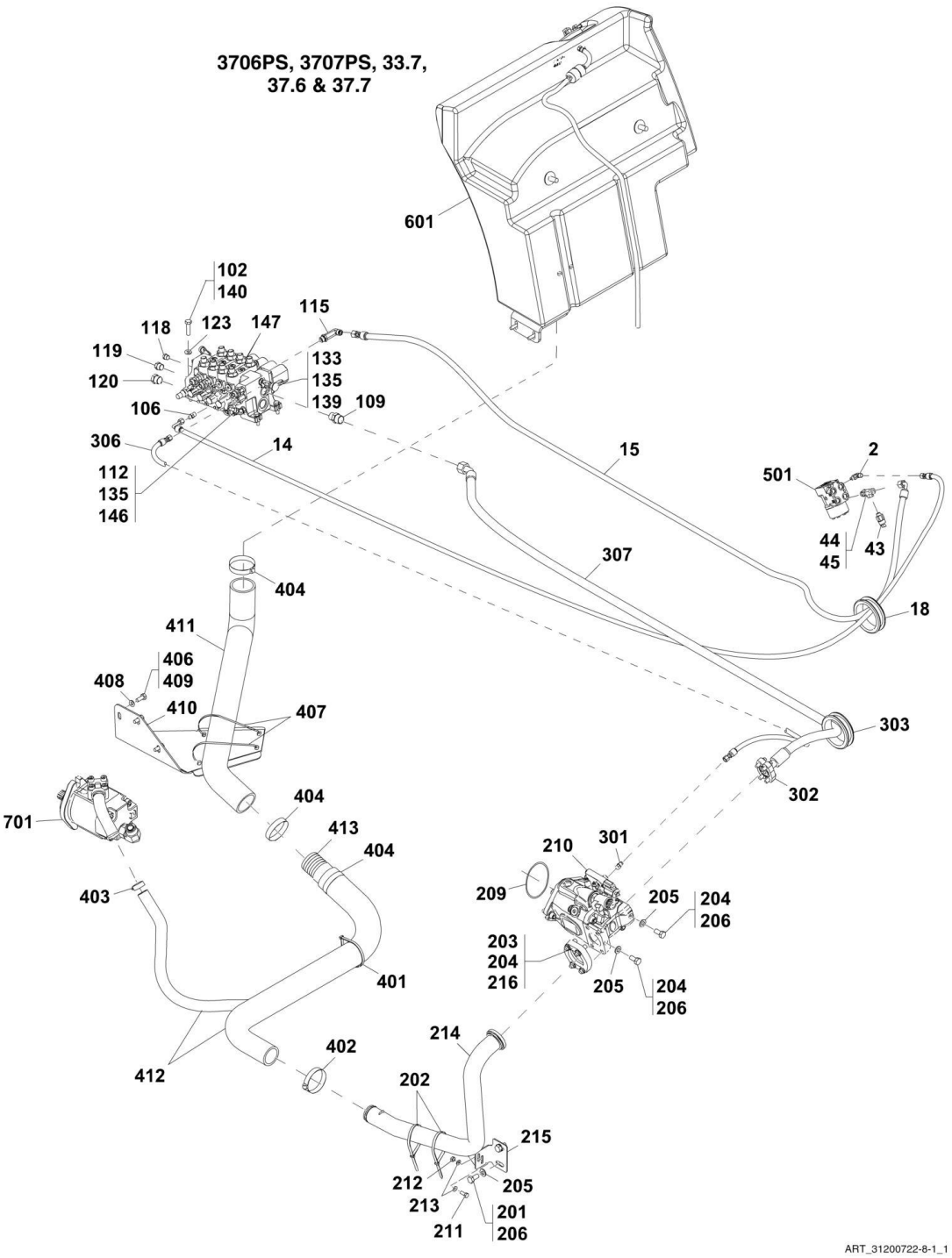
FIGURE 7-5. BOOM JOYSTICK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001131940	1	JOYSTICK ASSY, (includes items 1 thru 3)	B
1	1001103984	4	MACHINE HD SCREW, 5x25mm	
2	1001110498	4	RIVET INSERT, 5mm	
3	1001156230	1	JOYSTICK CONTROLLER, (includes items 101 & 102)	A
101	4461164	2	TERMINAL	
101	1001104519	2	FEMALE FASTON	
102	7346000235	1	HOUSING	
102	4460928	4	SOCKET TERMINAL	
102	7346000239	1	WEDGE LOCK	
102	77363349	2	PLUG	

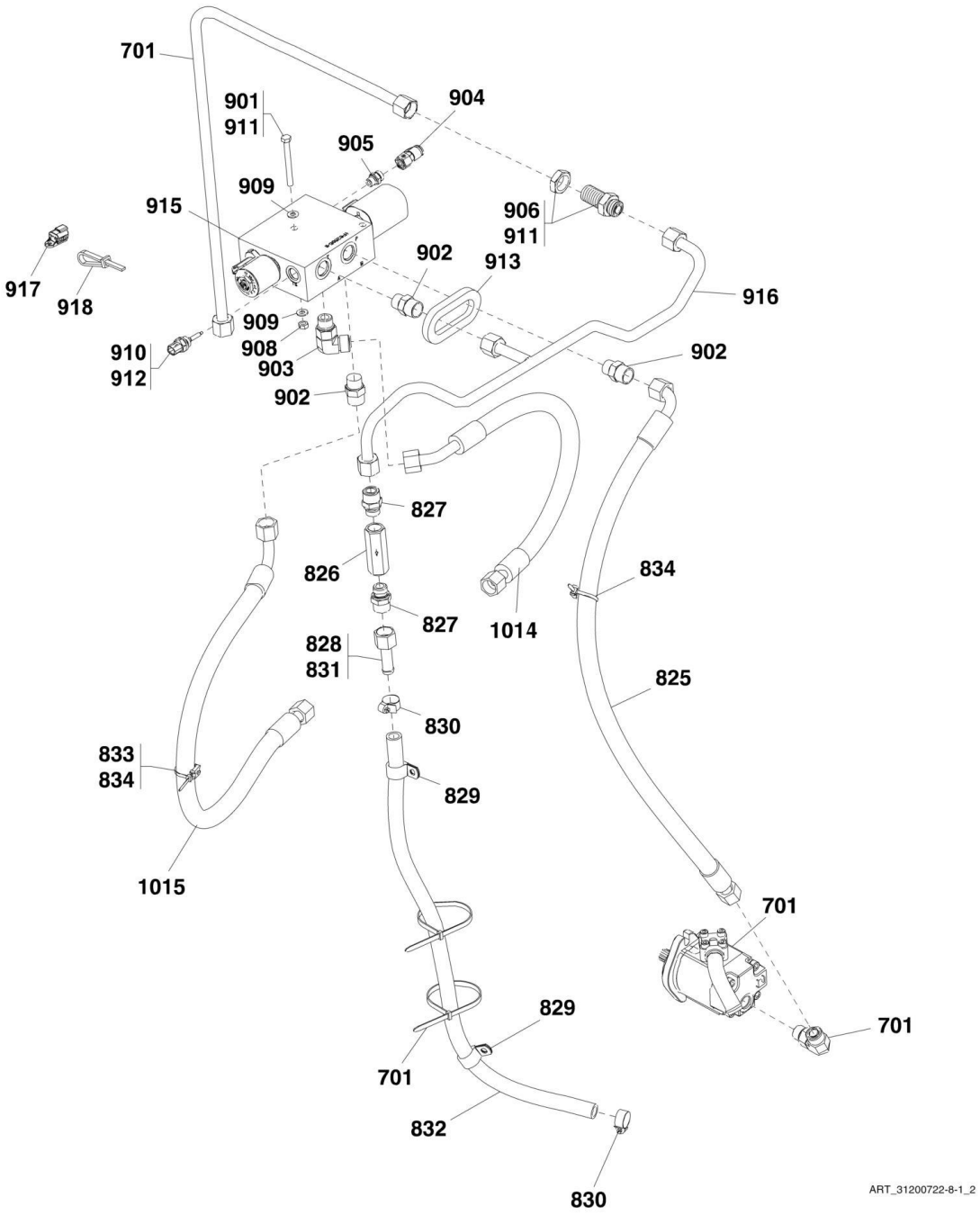
SECTION 8 - HYDRAULIC CIRCUITS

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. SUPPLY CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)



**3706PS, 3707PS, 33.7,
37.6 & 37.7**



SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. SUPPLY CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	2130404	1	ELBOW, 90, (includes o-ring)	
14	1001144848	1	HOSE ASSY	
15	1001144839	1	HOSE ASSY (37.6,3706PS)	
15	1001144850	1	HOSE ASSY (33.7,37.7,3707PS)	
18	1001003439	1	GROMMET	
43	4360585	1	PRESSURE SWITCH	
44	1001100108	1	RUN TEE, (includes o-ring)	
45	1074306	1	RING SEAL	
102	0701016	3	HEX HD CAPSCREW, 10X40 MM, GR8.8, (torque to 55 Nm/41 lb-ft)	
106	2110406	1	CONNECTOR, (includes o-ring)	
109	2111212	1	CONNECTOR, (includes o-ring)	
112	2150406	1	ELBOW, 45, (includes o-ring)	
115	2170208	1	ELBOW, 90, (includes o-ring)	
118	2220237	1	PLUG	
119	2220239	1	PLUG	
120	2220240	1	PLUG	
123	4812000	6	FLAT WASHER, 10MM	
133	1001003590	1	CONNECTOR, (includes o-ring)	
135	1001008761	2	DUST CAP	
139	1001094498	1	RUN TEE, (includes o-ring)	
140	1001095650	AR	LOCTITE 243	
146	1001101257	1	ADAPTER, SPECIAL FITTING, (includes o-ring)	
147		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
	1001128415	Ref	PISTON PUMP AND SUCTION PIPE INSTALLATION, (not available to order, see items 201 thru 216 for service)	G
201	0761212	2	HEX HD CAPSCREW, M12X25, GR8.8	
202	1062255	3	TIE STRAP	
203	2171832	1	FITTING, (includes o-ring)	
204	4032111	6	HEX SOCKET HD SCREW, M12X35	
205	4812100	4	WASHER, 12mm	
206	1001095650	AR	LOCTITE 243	
209	1001008450	1	O-RING	
210		Ref	PISTON PUMP, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
211	0760810	2	HEX HD CAPSCREW, M8X20, GR8.8	
212	3290805	2	HEX LOCK NUT, M8X1.25, GR8	
213	4811900	4	WASHER, 8mm	
214	1001143537	1	SUCTION PIPE	
215	1001143538	1	SUCTION PIPE BRACKET	
216	4832100	4	SPRING LOCKWASHER, 12mm	
301	2110404	1	FITTING, (includes o-ring)	
302	2171816	1	FLANGE KIT (includes o-ring)	
303	1001003439	1	GROMMET	
306	1001144824	1	HOSE ASSY (37.6,3706PS)	
306	1001144836	1	HOSE ASSY (33.7,37.7,3707PS)	
307	1001144825	1	HOSE ASSY (37.6,3706PS)	
307	1001144835	1	HOSE ASSY (33.7,37.7,3707PS)	
	1001130351	Ref	SUCTION LINE INSTALLATION, (not available to order, see items 401 thru 413 for service)	L

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
401	1062255	4	TIE STRAP	
402	1001008635	1	HOSE CLAMP	
403	1001008466	1	HOSE CLAMP	
404	1001008673	3	HOSE CLAMP	
406	0761012	3	HEX HD CAPSCREW, M10X25, GR8.8	
407	4240127	2	TIE STRAP	
408	4812000	3	WASHER, 10mm	
409	1001095650	AR	LOCTITE 243	
410	1001156779	1	HOSE SUPPORT BRACKET	
411	1001192786	1	SUCTION HOSE	
412	1001136550	1	SUCTION HOSE	
413	1001136554	1	HOSE CONNECTOR, 2.5IN	
501		Ref	STEERING VALVE, (See CONTROLS SECTION for Breakdown)	
601		Ref	HYDRAULIC TANK ASSY, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
701		Ref	FAN PUMP, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
825	1001144779	1	HOSE	
826	1001144066	1	NON RETURN VALVE	
827	1001142089	2	ADAPTER, CONNECTOR, (includes o-ring)	
828	8770143	1	ADAPTER, NUT	
829	1001100319	2	CLIP	
830	1001008609	2	CLAMP	
831	1001125409	1	FITTING, STEM	
832	1001144774	1	HOSE	
833	1001004723	1	SADDLE	
834	471678	2	CABLE BAND	
	1001146950	1	FAN VALVE INSTALLATION (non reversing) (includes items 901 thru 918) (3706PS,3707PS)	C
901	0700824	2	HEX HD CAPSCREW, M8X80, GR8.8	
902	2111010	3	ADAPTER, CONNECTOR, (includes o-ring)	
903	2131010	1	ADAPTER, 90, (includes o-ring)	
904	2144104	1	TEST PORT	
905	2144803	1	ADAPTER, CONNECTOR	
906	2171110	1	FITTING, BULKHEAD UNION	
907	2172110	1	ADAPTER, 90, (includes o-ring)	
908	3290801	2	HEX NUT, M8X1.25	
909	4811900	4	WASHER, 8mm	
910	1001009163	1	SEAL	
911	1001095650	AR	LOCTITE 243	
912	1001128478	1	TEMPERATURE SENSOR	
913	1001132239	1	BULKHEAD SEAL	
914	1001132877	1	BAFFLE PLATE, (not shown)	
915	1001146707	1	COOLING FAN VALVE (non reversing) (3706PS,3707PS)	
916	1001141800	1	PIPE	
917	1001155806	1	DUST CAP	
918	1001008559	1	CABLE STRAP	
1014	1001146260	1	HOSE	
1015	1001151913	1	HOSE	

FIGURE 8-2. SUPPLY CIRCUIT (33.7,4014PS,4017PS)

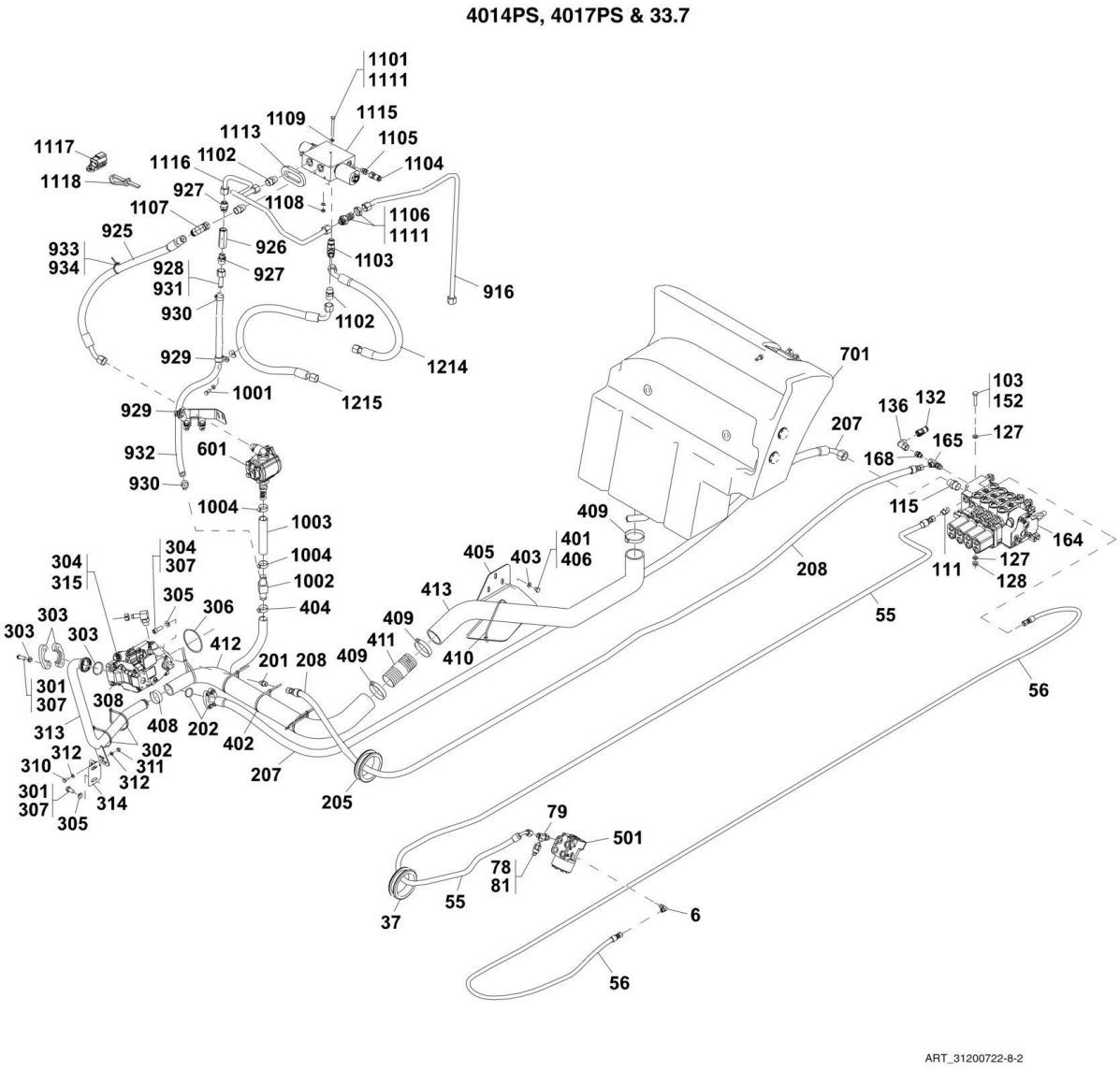


FIGURE 8-2. SUPPLY CIRCUIT (33.7,4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
6	2130404	1	ELBOW, 90, (includes o-ring)	
37	1001003439	1	GROMMET	
55	1001144891	1	HOSE ASSY (4017PS)	
56	1001144892	1	HOSE ASSY (4014PS,4017PS)	
78	4360585	1	PRESSURE SWITCH	
79	1001100108	1	ADAPTER, RUN TEE, (includes o-ring)	
81	1074306	1	RING SEAL	
103	0701018	3	HEX HD CAPSCREW, M10X50, GR8.8, (torque to 50 Nm/36.87 lb-ft)	
109	2110604	1	ADAPTER, CONNECTOR, (includes o-ring) (not shown)	
111	2110608	1	ADAPTER, CONNECTOR, (includes o-ring)	
115	2111212	1	ADAPTER, CONNECTOR, (includes o-ring)	
127	4812000	6	WASHER, 10mm	
128	5221000	3	RIPP NUT, 10mm	
132	2144803	1	FITTING CONNECTOR	
136	2144104	1	TEST PORT	
152	1001095650	AR	LOCTITE 243	
164		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
165	1001107721	1	ADAPTER, RUN TEE, (includes o-ring)	
168	2143404	1	FITTING, 90	
201	2110604	1	ADAPTER, CONNECTOR, (includes o-ring)	
202	2171816	1	FLANGE KIT WITH O-RING	
205	1001003439	1	GROMMET	
207	1001144873	1	HOSE ASSY	
208	1001144874	1	HOSE ASSY	
	1001131752	Ref	PUMP AND SUCTION PIPE INSTALLATION (not available to order, see items 301 thru 315 for service) (4014PS)	E
	1001128415	Ref	PUMP AND SUCTION PIPE INSTALLATION (not available to order, see items 301 thru 315 for service) (33.7,4017PS)	G
301	0761212	2	HEX HD CAPSCREW, M12X25, GR8.8, (torque to 97 Nm/71.54 lb-ft)	
302	1062255	3	TIE STRAP	
303	2171824	1	FLANGE KIT WITH O-RING (4014PS)	
303	2171832	1	FLANGE KIT WITH O-RING (33.7,4017PS)	
304	4032111	6	SOCKET HD CAPSCREW, M12X35, (torque to 97 Nm/71.54 lb-ft)	
305	4812100	4	WASHER, 12mm	
306	1001008450	1	O-RING SEAL	
307	1001095650	AR	LOCTITE 243	
308		Ref	PISTON PUMP, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
310	0760810	2	HEX HD CAPSCREW, M8X20, R8.8, (torque to 26 Nm/19.17 lb-ft)	
311	3290805	2	TORQUE HEX LOCKNUT, M8X1.25	
312	4811900	4	WASHER, 12mm	
313	1001143536	1	SUCTION PIPE (4014PS)	
313	1001143537	1	SUCTION PIPE (33.7,4017PS)	
314	1001143538	1	SUCTION PIPE BRACKET	
315	4832100	4	SPRING LOCKWASHER, 12mm	
	1001135466	Ref	HYDRAULIC SUCTION LINE INSTALLATION (not available to order, see items 401 thru 413 for service) (4014PS)	E

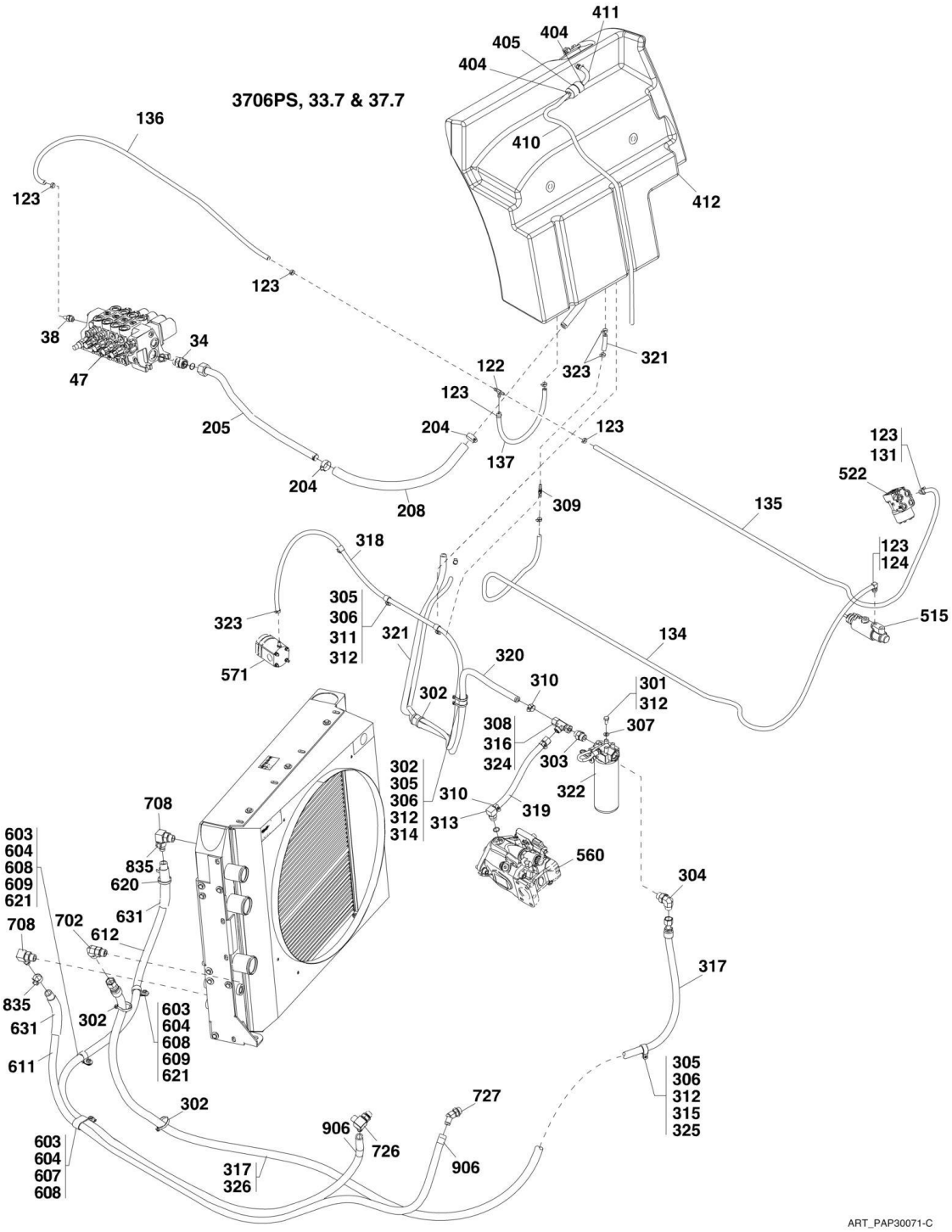
SECTION 8 - HYDRAULIC CIRCUITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135467	Ref	HYDRAULIC SUCTION LINE INSTALLATION (not available to order, see items 401 thru 413 for service) (4017PS)	E
401	0761006	3	HEX HD CAPSCREW, M10X12, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
402	1062255	4	TIE STRAP	
403	4812000	3	WASHER, 10mm	
404	1001008466	1	HOSE CLAMP, (torque to 3.5-5.5 Nm/2.58-4.05 lb-ft)	
405	1001094743	1	HOSE SUPPORT BRACKET	
406	1001095650	AR	LOCTITE 243	
408	1001008635	1	HOSE CLAMP, (torque to 3.5-5.5 Nm/2.58-4.05 lb-ft)	
409	1001008673	3	HOSE CLAMP, (torque to 3.5-5.5 Nm/2.58-4.05 lb-ft)	
410	4240127	3	TIE STRAP	
411	1001136554	1	HOSE CONNECTOR	
412	1001140354	1	SUCTION HOSE (4014PS)	
412	1001136550	1	SUCTION HOSE (4017PS)	
413	1001140355	1	SUCTION HOSE (4014PS)	
413	1001140356	1	SUCTION HOSE (4017PS)	
501		Ref	STEERING VALVE, (See CONTROLS SECTION for Breakdown)	
601		Ref	FAN PUMP, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
701		Ref	HYDRAULIC TANK, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
843	1001095650	AR	LOCTITE 243 (4017PS)	
916		Ref	PIPE, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
925	1001144779	1	HOSE	
926	1001144066	1	NON RETURN VALVE	
927	1001142089	1	ADAPTER, CONNECTOR, (includes o-ring)	
928	8770143	1	ADAPTER, NUT	
929	1001100319	2	CLIP	
930	1001008609	2	CLAMP	
931	1001125409	1	STEM FITTING	
932	1001144774	1	HOSE	
933	1001004723	1	SADDLE	
934	471678	2	CABLE BAND	
1001		Ref	HEX HD CAPSCREW, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
1002		Ref	BARB FITTING, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
1003		Ref	HOSE, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
1004		Ref	CLAMP, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
	1001146950	1	FAN VALVE INSTALLATION, (includes items 1101 thru 1118)	C
1101	0700824	2	HEX HD CAPSCREW, M8X80, GR8.8	
1102	2111010	3	ADAPTER, CONNECTOR, (includes o-ring)	
1103	2131010	1	ADAPTER, 90, (includes o-ring)	
1104	2144104	1	TEST PORT	
1105	2144803	1	FITTING, CONNECTOR	
1106	2171110	1	FITTING, BULKHEAD UNION	
1107	2172110	1	ADAPTER, 90, (includes o-ring)	
1108	3290801	2	HEX NUT, M8X1.25	
1109	4811900	4	WASHER, 8mm	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1110	1001009163	1	SEAL	
1111	1001095650	AR	LOCTITE 243	
1112	1001128478	1	TEMPERATURE SENSOR	
1113	1001132239	1	BULKHEAD SEAL	
1114	1001132877	1	BAFFLE PLATE, (not shown)	
1115	1001141800	1	PIPE	
1116	1001146707	1	COOLING FAN VALVE, (non reversing)	
1117	1001155806	1	DUST CAP	
1118	1001008559	1	CABLE STRAP	
1214	1001146260	1	HOSE	
1215	1001151913	1	HOSE ASSY	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-3. DUMP CIRCUIT (33.7,37.6,3706PS)



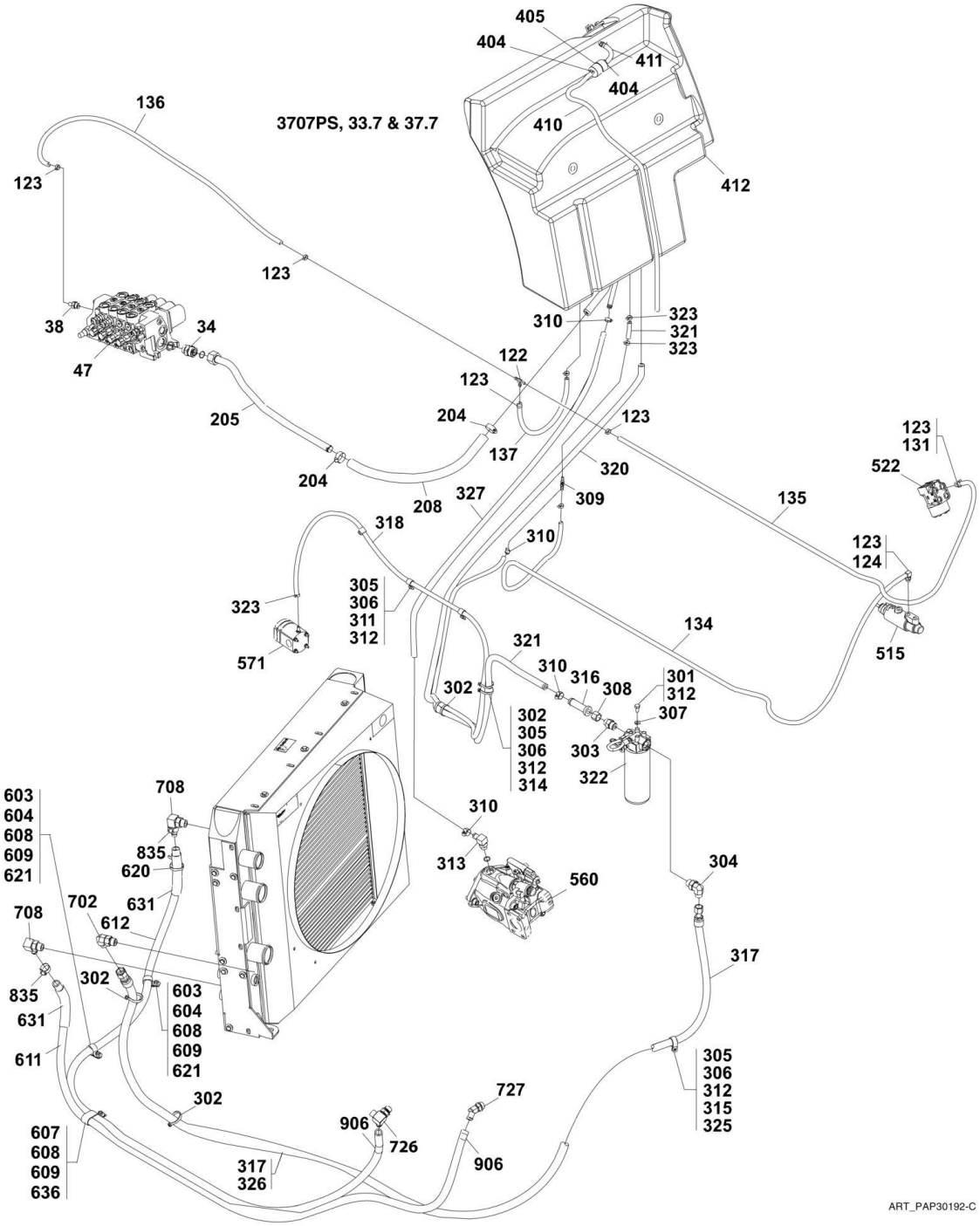

3707PS, 33.7 & 37.7
405
404
411
404
410
412
136
123
123
38
34
47
205
204
204
208
122
123
204
137
123
310
323
321
323
320
309
327
318
310
135
123
131
522
123
124
515
305
306
311
312
323
571
321
310
316
308
301
312
307
302
302
305
306
312
314
303
322
134
708
603
604
608
609
621
835
620
631
612
702
708
835
631
611
603
604
608
609
621
302
302
607
608
609
636
317
326
906
726
727
906
310
313
560
304
317
305
306
312
315
325
ART_PAP30192-C

FIGURE 8-3. DUMP CIRCUIT (33.7,37.7,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
34	1001006370	1	CONNECTOR, (includes o-ring)	
38	1001059362	1	BARB FITTING	
47		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
122	1001003934	1	TEE BARB	
123	1001004141	8	CLAMP	
124	1001005508	1	ELBOW, 90, (includes o-ring)	
131	1001094303	1	ADAPTER	
134	1001144841	1	HOSE ASSY (37.6,3706PS)	
134	1001144851	1	HOSE ASSY (33.7,37.7,3707PS)	
135	1001144842	1	HOSE ASSY (37.6,3706PS)	
135	1001144853	1	HOSE ASSY (33.7,37.7,3707PS)	
136	1001144843	1	HOSE ASSY (37.6,3706PS)	
136	1001144852	1	HOSE ASSY (37.7,37.7,3707PS)	
137	1001144844	1	HOSE ASSY	
204	1001008657	2	HOSE CLAMP, (torque to 3.5-5.5 Nm/2.58-4.05 lb-ft)	
205	1001142975	1	PIPE ASSY (37.6,3706PS)	
205	1001002786	1	PIPE ASSY (33.7,37.7,3707PS)	
208	1001144827	1	HOSE ASSY (37.6,3706PS)	
208	1001144837		HOSE ASSY (33.7,37.7,3707PS)	
	1001133580	Ref	HYDRAULIC FILTER LINES (not available to order, see items 301 thru 326 for service) (37.6,3706PS) **(Prior to SN 1160007138)**	G
	1001133579	Ref	HYDRAULIC FILTER LINES (not available to order, see items 301 thru 327 for service) (33.7,37.7,3707PS) **(Prior to SN 1160007138)**	K
	1001133490	Ref	HYDRAULIC FILTER LINES (not available to order, see items 301 thru 327 for service) **(SN 1160007138 to Present)**	K
301	0761010	2	HEX HD CAPSCREW, M10X20, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
302	1062255	4	TIE STRAP	
303	2111012	1	CONNECTOR, (includes o-ring), (torque to 70-77 Nm/51.62-56.79 lb-ft)	
304	2151012	1	ADAPTER, 45, (includes o-ring)	
305	3290801	5	HEX NUT, M8X1.25, (torque to 28 Nm/20.65 lb-ft) (37.6,3706PS) **(Prior to SN 1160007138)**	
305	5220800	5	RIPP NUT, 8mm (33.7,37.7,3707PS) **(Prior to SN 1160007138)**	
305	5220800	3	RIPP NUT, 8mm **(SN 1160007138 to Present)**	
306	4811900	6	WASHER, 8mm (37.6,3706PS) **(Prior to SN 1160007138)**	
306	4811900	1	WASHER, 8mm (33.7,37.7,3707PS) **(Prior to SN 1160007138)**	
307	4812000	2	WASHER, 10mm	
308	8770143	2	NUT ADAPTER (includes o-ring) (37.6,3706PS) **(Prior to SN 1160007138)**	
308	8770143	1	NUT ADAPTER (includes o-ring) (33.7,37.7,3707PS)	
309	1001003934	1	BARB FITTING	
310	1001008609	4	CLAMP, (torque to 4.5-5 Nm/3.31-3.68 lb-ft)	
311	1001009207	4	CLIP	
312	1001095650	AR	LOCTITE 243	
313	1001099269	1	BARB FITTING, ELBOW, 45	
314	1001100319	1	HOSE CLIP	
315	1001100320	2	HOSE CLIP **(Prior to SN 1160007138)**	
315	1001100320	1	HOSE CLIP **(SN 1160007138 to Present)**	
316	1001125409	2	BARB FITTING (includes o-ring) (37.6,3706PS) **(Prior to SN 1160007138)**	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
316	1001125409	1	BARB FITTING (includes o-ring) (33.7,37.7,3707PS)	
317	1001133491	1	HOSE ASSY	
318	1001133492	1	HOSE ASSY	
319	1001133494	1	HOSE ASSY (37.6,3706PS) **(Prior to SN 1160007138)**	
320	1001133583	1	HOSE ASSY (37.6,3706PS) **(Prior to SN 1160007138)**	
320	1001133582	1	HOSE ASSY (33.7,37.7,3707PS) **(Prior to SN 1160007138)**	
320	1001133493	1	HOSE ASSY **(SN 1160007138 to Present)**	
321	1001133585	1	HOSE ASSY **(Prior to SN 1160007138)**	
321	1001133495	1	HOSE ASSY **(SN 1160007138 to Present)**	
322	1001151369	1	OIL FILTER ASSY	
322	70025357	1	HYDRAULIC FILTER, SPIN-ON	
322	70025358	1	INDICATOR ASSY, ELECTRICAL	
322	70025359	1	HEAD ASSY	
323	1001004141	4	HOSE CLAMP, (torque to 4.5-5 Nm/3.31-3.68 lb-ft)	
324	2170710	1	TEE FITTING (includes o-ring) (37.6,3706PS) **(Prior to SN 1160007138)**	
325	0760810	1	HEX HD CAPSCREW, M8X20, GR8.8 (37.6,3706PS) **(Prior to SN 1160007138)**	
325	0760812	1	HEX HD CAPSCREW, M8X25, GR8.8 (33.7,37.7,3707PS) **(Prior to SN 1160007138)**	
326	1001135584	1	CONDUIT	
327	1001154430	1	HOSE ASSY (37.7,3707PS) **(Prior to SN 1160007138)**	
327	1001154760	1	HOSE ASSY **(SN 1160007138 to Present)**	
404	1001004141	3	HOSE CLAMP	
405	1001009247	1	FILTER	
410	1001144856	1	HOSE ASSY	
411	1001144857	1	HOSE ASSY	
412		Ref	HYDRAULIC TANK ASSY, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
515		Ref	MASTER BRAKE CYLINDER, (See CONTROLS SECTION for Breakdown)	
522		Ref	STEERING VALVE, (See CONTROLS SECTION for Breakdown)	
560		Ref	PISTON PUMP, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
571		Ref	FAN MOTOR, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
604	4811902	3	WASHER, 8mm, (if equipped for ULS)	
604	4811902	1	WASHER, 8mm, (if equipped for LS)	
607	1001008720	1	CLIP	
608	1001095650	AR	LOCTITE 243	
609	1001100319	2	CLIP	
611	1001145272	1	HOSE	
612	1001145273	1	HOSE	
620	1062255	1	TIE STRAP	
621	4811900	2	WASHER, 8mm, (if equipped for LS)	
631	1001135584	2	CONDUIT	
636	5220800	3	HEX NUT, M8X1.25, (torque to 28 Nm/20.65 lb-ft)	
702	2131010	1	ADAPTER, 90, (includes o-ring), (torque to 36-44 Nm/26.5-32.4 lb-ft)	
708	1001099269	2	ADAPTER, 45, (barb), (torque to 36-44 Nm/26.5-32.4 lb-ft)	
726	1001099267	1	ADAPTER, 90	
727	1001099268	1	ADAPTER, 45	
835	1001008609	2	CLAMP, (torque to 5-6 Nm/3.6-4.4 lb-ft)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
906	1001008609	2	CLAMP, (torque to 5-6 Nm/3.6-4.4 lb-ft)	

FIGURE 8-4. DUMP CIRCUIT (4014PS,4017PS)

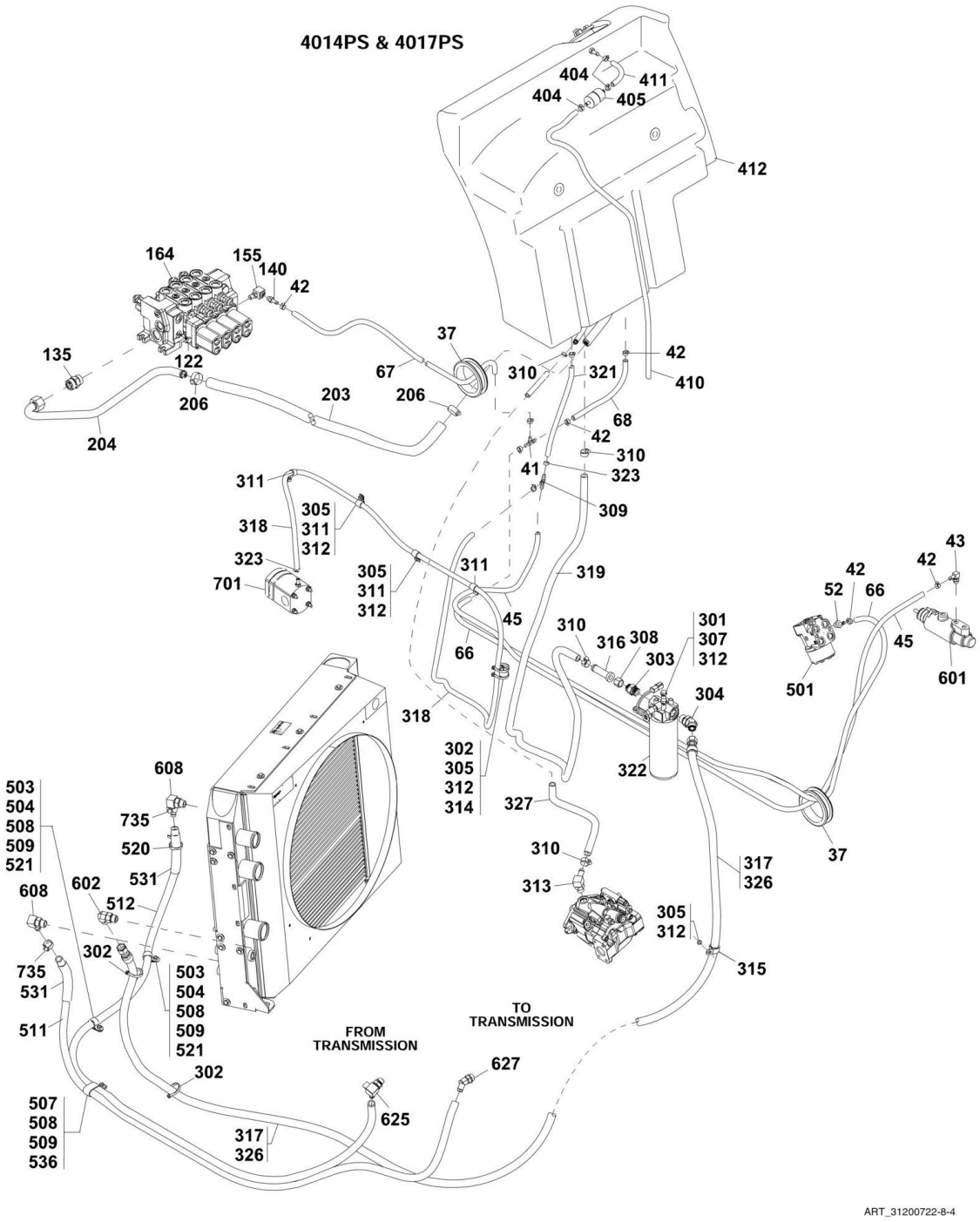


FIGURE 8-4. DUMP CIRCUIT (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
37	1001003439	1	GROMMET	
41	1001003934	1	T-BARB FITTING	
42	1001004141	8	HOSE CLAMP	
43	1001005508	1	ADAPTER, 90, (includes o-ring)	
45	1001144864	1	HOSE ASSY (4014PS)	
45	1001144893	1	HOSE ASSY (4017PS)	
52	1001094303	1	FITTING, STRAIGHT	
66	1001144888	1	HOSE (4014PS)	
66	1001144862	1	HOSE (4017PS)	
67	1001144876	1	HOSE	
68	1001144844	1	HOSE ASSY	
122	2220237	1	ADAPTER, PLUG	
135	1001006370	1	ADAPTER, CONNECTOR, (includes o-ring)	
140	1001059362	1	ADAPTER, BARB FITTING	
155	1001097381	1	ADAPTER, 90, (includes o-ring)	
164		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
203	1001144875	1	HOSE	
204	1001002769	1	TUBE ASSY	
206	1001008657	2	HOSE CLAMP, (torque to 3.5-5.5 Nm/2.58-4.05 lb-ft)	
	1001133490	Ref	HYDRAULIC FILTER LINES INSTALLATION, (not available to order, see items 301 thru 327 for service)	K
301	0761010	2	HEX HD CAPSCREW, M10X20, GR8.8, (torque to 22.5-27.5 Nm/16.59-20.28 lb-ft)	
302	1062255	4	TIE STRAP	
303	2111012	1	ADAPTER, CONNECTOR, (includes o-ring), (torque to 63-77 Nm/46.46-56.79 lb-ft)	
304	2151012	1	ADAPTER, 45, (includes o-ring), (includes o-ring), (torque to 45-55 Nm/33.19-40.56 lb-ft)	
305	5220800	3	HEX NUT, M8X1.25, (torque to 28 Nm/20.65 lb-ft)	
307	4812000	2	WASHER, 10mm	
308	8770143	1	ADAPTER, NUT	
309	1001003934	1	T-BARB FITTING	
310	1001008609	4	CLAMP, (torque to 4-5 Nm/2.95-3.68 lb-ft)	
311	1001009207	4	CLIP	
312	1001095650	AR	LOCTITE 243	
313	1001099269	1	ADAPTER, 45, (barb fitting)	
314	1001100319	1	CLIP	
315	1001100320	1	CLIP	
316	1001125409	1	FITTING, BARB STEM, (includes o-ring)	
317	1001133491	1	HOSE ASSY	
318	1001133492	1	HOSE	
319	1001133493	1	HOSE	
321	1001133495	1	HOSE	
322	1001151369	1	OIL FILTER ASSY	
322	70025357	1	HYDRAULIC FILTER, SPIN-ON	
322	70025358	1	INDICATOR ASSY, ELECTRICAL	
322	70025359	1	HEAD ASSY	
323	1001004141	4	HOSE CLAMP, (torque to 4-5 Nm/2.95-3.68 lb-ft)	
326	1001135584	1	SPLIT POLY CONDUIT	
327	1001154760	1	HOSE ASSY	

SECTION 8 - HYDRAULIC CIRCUITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
404	1001004141	3	HOSE CLAMP	
405	1001009247	1	FILTER	
410	1001144856	1	HOSE	
411	1001144857	1	HOSE	
412		Ref	HYDRAULIC TANK, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
501		Ref	STEERING VALVE, (See CONTROLS SECTION for Breakdown)	
503	3290801	3	HEX NUT, M8X1.25	
504	4811902	3	WASHER, 8mm, (if equipped for ULS)	
504	4811902	1	WASHER, 8mm, (if equipped for LS)	
507	1001008720	1	CLIP	
508	1001095650	AR	LOCTITE 243	
509	1001100319	2	CLIP	
511	1001145272	1	HOSE	
512	1001145273	1	HOSE	
520	1062255	1	TIE STRAP	
521	4811900	2	WASHER, 8mm, (if equipped for LS)	
531	1001135584	2	CONDUIT	
536	5220800	3	HEX NUT, M8X1.25, (torque to 28 Nm/20.65 lb-ft)	
601		Ref	MASTER BRAKE CYLINDER, (See CONTROLS SECTION for Breakdown)	
602	2131010	1	ADAPTER, 90, (includes o-ring), (torque to 36-44 Nm/26.5-32.4 lb-ft)	
608	1001099269	2	ADAPTER, 45, (barb), (torque to 36-44 Nm/26.5-32.4 lb-ft)	
625		Ref	ADAPTER, BARB FITTING, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
627		Ref	ADAPTER, 45, BARB, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
701		Ref	FAN MOTOR, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
735	1001008609	2	CLAMP, (torque to 5-6 Nm/3.6-4.4 lb-ft)	

FIGURE 8-5. STEER SELECT CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

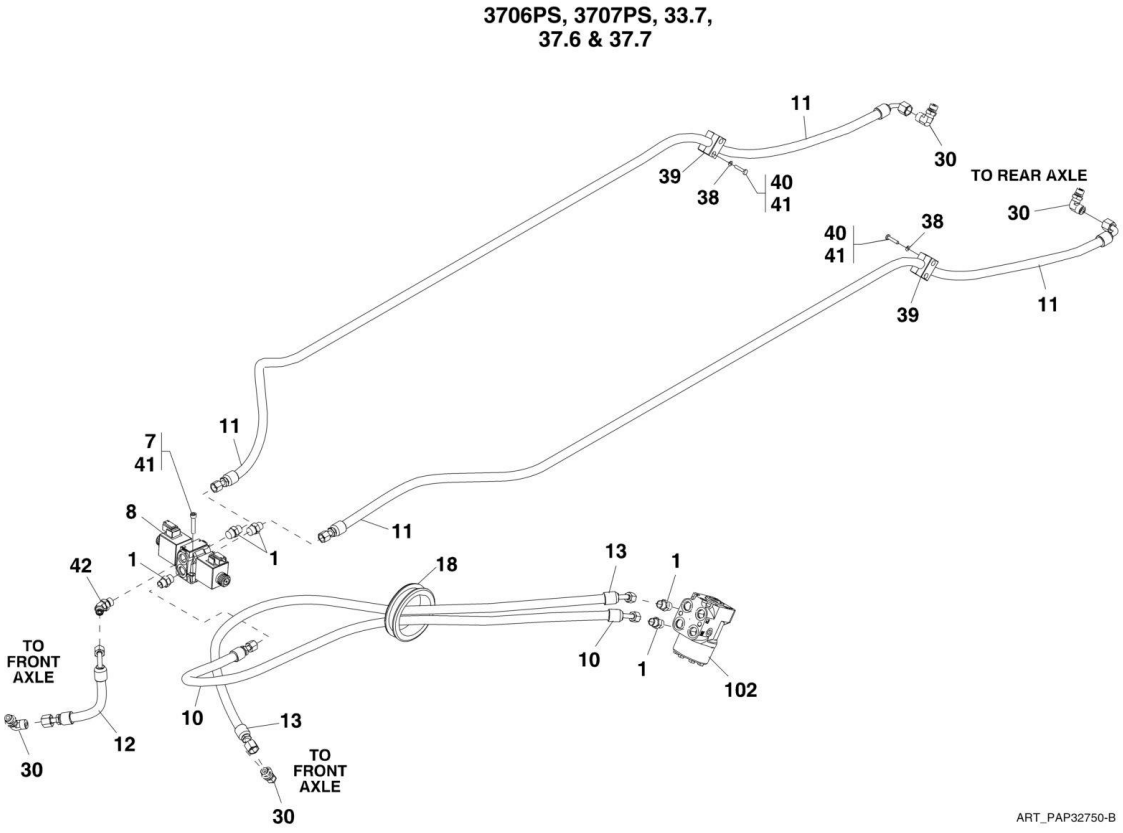


FIGURE 8-5. STEER SELECT CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2110608	5	ADAPTER, CONNECTOR, (includes o-ring)	
7	4031913	2	SOCKET HD CAPSCREW, M8X45, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
8		Ref	STEERING SELECT VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
10	1001144846	1	HOSE ASSY	
11	1001144838	2	HOSE ASSY (37.6,3706PS)	
11	1001144849	2	HOSE ASSY (33.7,37.7,3707PS)	
12	1001144845	1	HOSE ASSY	
13	1001144847	1	HOSE ASSY	
18		Ref	GROMMET, (See DUMP CIRCUIT for Breakdown)	
30	1001094262	4	ADAPTER, 90, (includes o-ring)	
38	1302325	4	DISK	
39	2997586	2	CLIP BODY	
40	4010614	4	PAN HD SCREW, M6X30	
41	1001095650	AR	LOCTITE 243	
42	2150608	1	ADAPTER, 45, (includes o-ring)	
102		Ref	ORBITAL STEERING VALVE, (See CONTROLS SECTION for Breakdown)	

FIGURE 8-6. STEER SELECT CIRCUIT (4014PS,4017PS)

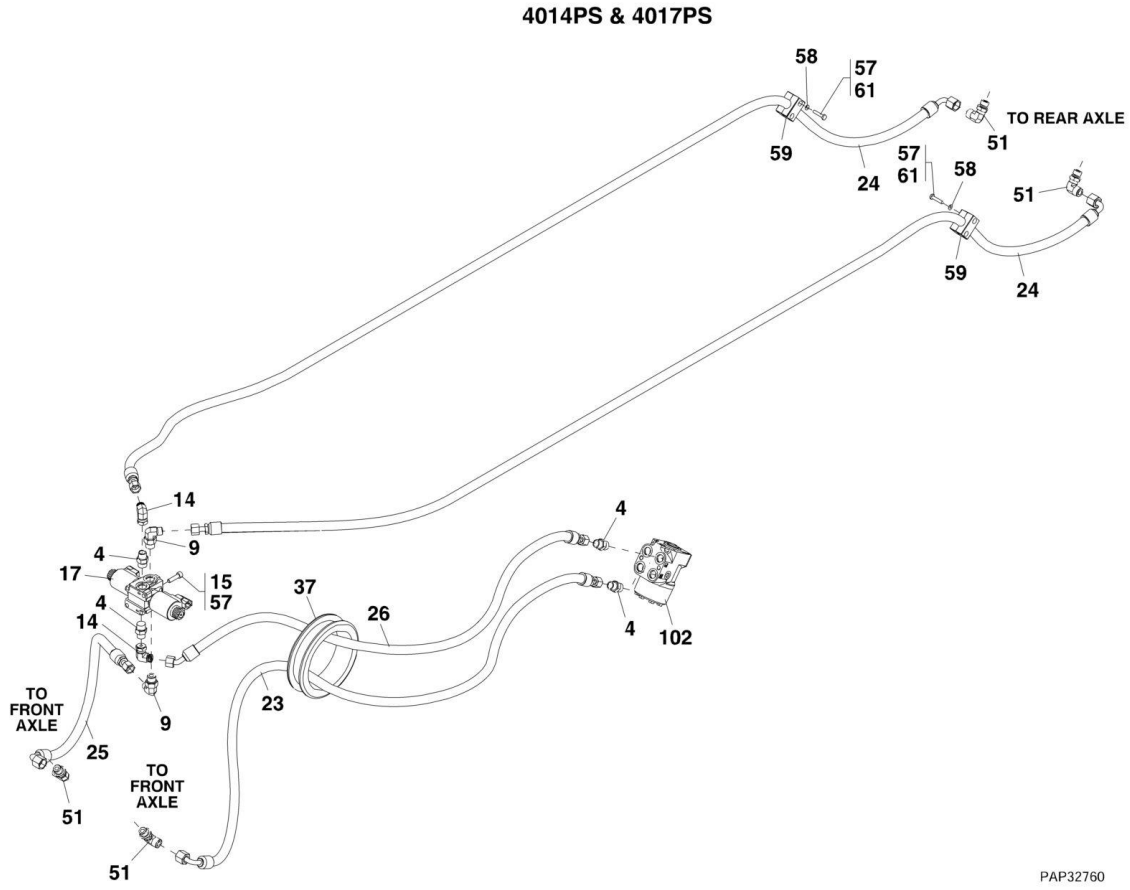


FIGURE 8-6. STEER SELECT CIRCUIT (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
4	2110608	4	ADAPTER, (includes o-ring)	
9	2130608	2	ELBOW, 90, (includes o-ring)	
14	2172106	2	ELBOW, 90, (includes o-ring)	
15	4031910	2	SOCKET HD CAPSCREW, 8X30mm, (torque to 28 Nm)	
17		Ref	STEER SELECT VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
23	1001144890	1	HOSE ASSY (4017PS)	
24	1001144883	2	HOSE ASSY	
25	1001144884	1	HOSE ASSY	
26	1001144889	1	HOSE ASSY (4017PS)	
37		Ref	GROMMET, (See DUMP CIRCUIT for Breakdown)	
51	1001094262	4	ELBOW, 90, (includes o-ring)	
57	1001095650	AR	LOCTITE 242	
58	1302325	4	DISC	
59	2997586	2	CLIP	
61	4010614	4	POZIDRIVE PAN HD SCREW, 6X30mm	
102		Ref	STEERING VALVE, (See CONTROLS SECTION for Breakdown)	

FIGURE 8-7. SERVICE BRAKE CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

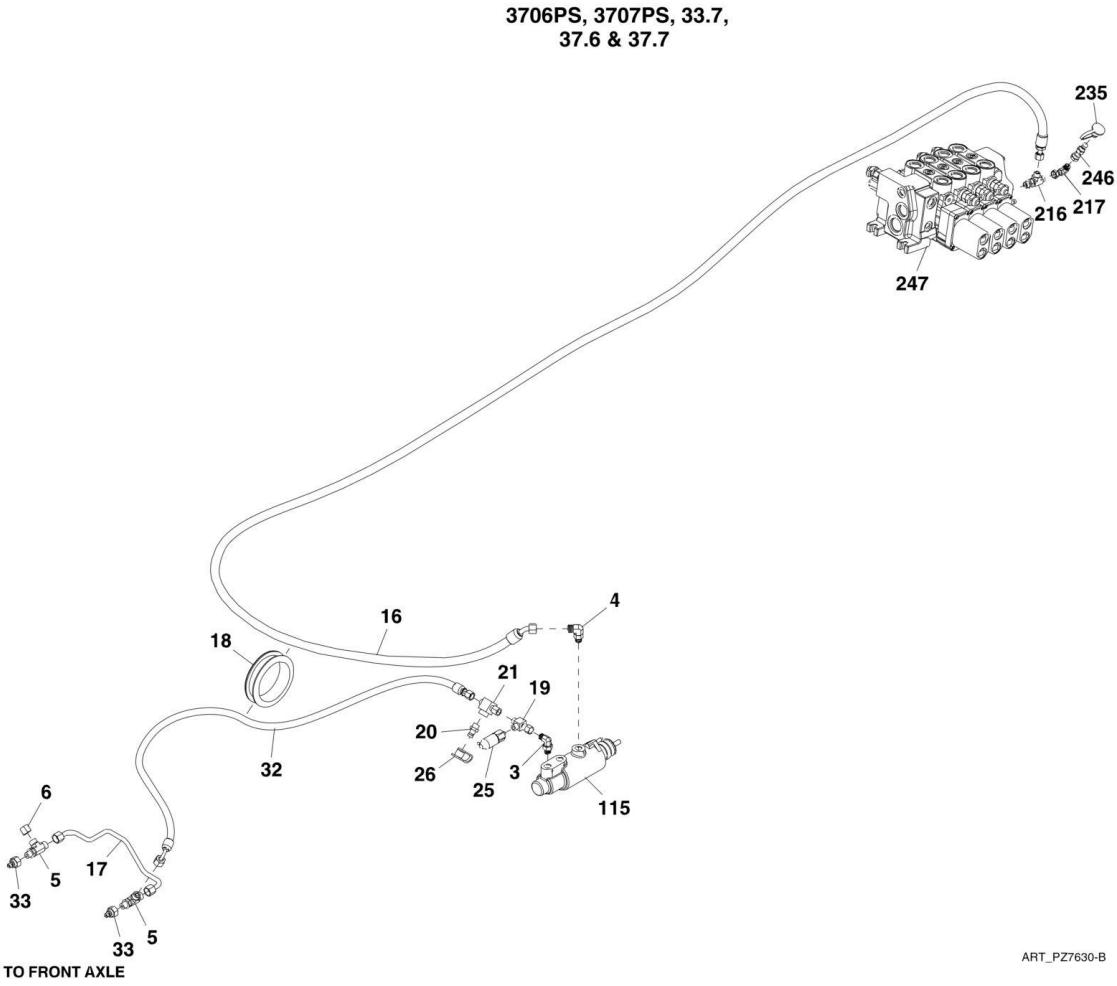


FIGURE 8-7. SERVICE BRAKE CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
3	2130406	1	ADAPTER, 90, (includes o-ring)	
4	2130606	1	ADAPTER, 90, (includes o-ring)	
5	2170306	2	ADAPTER, RUN TEE, (includes o-ring)	
6	2170906	1	ADAPTER, CAP	
16	1001144840	1	HOSE ASSY (37.6,3706PS)	
16	1001144855	1	HOSE ASSY (33.7,37.7,3707PS)	
17	1001002810	1	PIPE ASSY	
18		Ref	GROMMET, (See DUMP CIRCUIT for Breakdown)	
19	1001003566	1	ADAPTER, SWIVEL TEE	
20	2144803	1	ADAPTER, CONNECTOR	
21	1001003617	1	ADAPTER, TEE, (includes o-ring)	
25	1001006362	1	PRESSURE SWITCH	
26	2144104	1	TEST PORT	
32	1001094531	1	HOSE ASSY (37.6,3706PS)	
32	1001144854	1	HOSE ASSY (33.7,37.7,3707PS)	
33	1001100060	2	ADAPTER, CONNECTOR	
115		Ref	BRAKE CYLINDER, (See CONTROLS SECTION for Breakdown)	
216	2170350	1	ADAPTER, RUN TEE, (includes o-ring)	
217	2172104	1	ADAPTER, 90, (includes o-ring)	
235	1001008761	1	DUST CAP	
246	1001101257	1	ADAPTER, CONNECTOR	
247		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	

FIGURE 8-8. SERVICE BRAKE CIRCUIT WITH BOOM SUSPENSION (4014PS,4017PS)

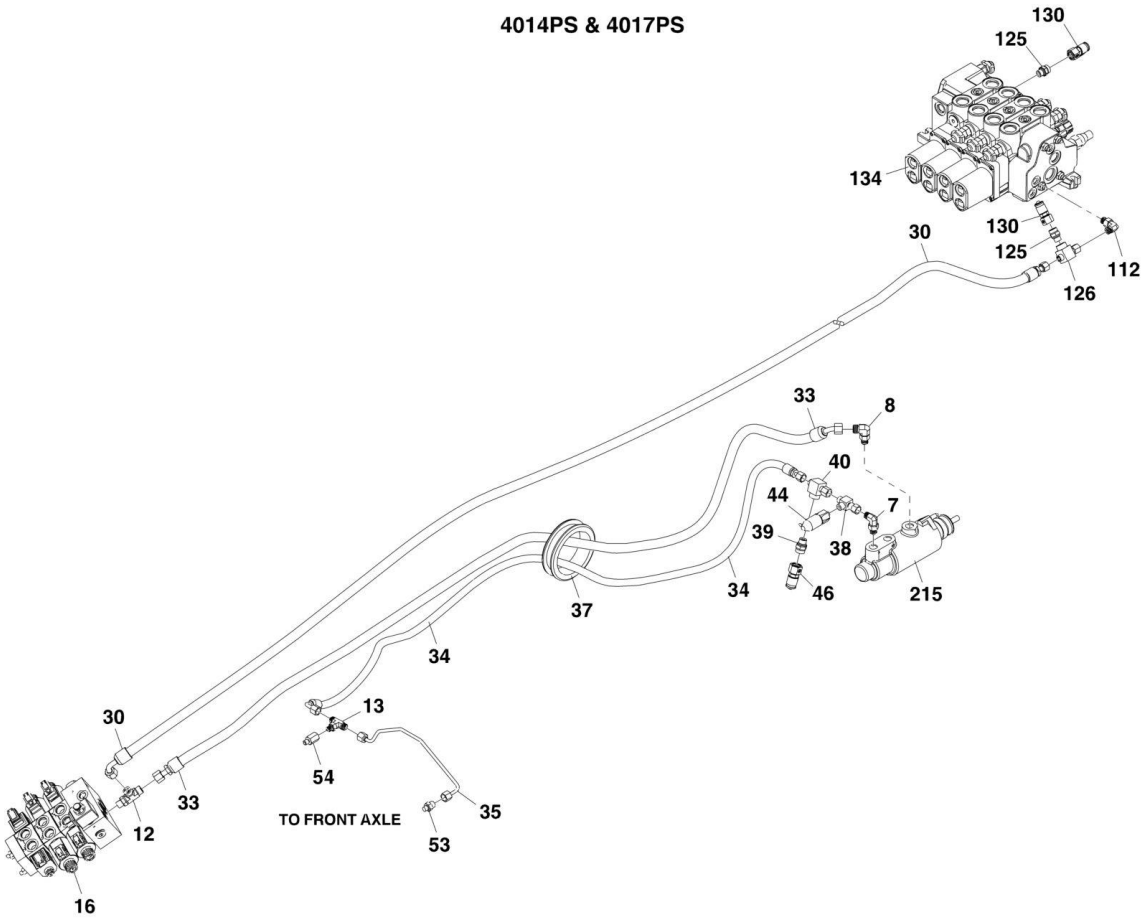


FIGURE 8-8. SERVICE BRAKE CIRCUIT WITH BOOM SUSPENSION (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
7	2130406	1	ELBOW, 90, (includes o-ring)	
8	2130606	1	ELBOW, 90, (includes o-ring)	
12	2170306	1	BRANCH TEE, (includes o-ring)	
13	2170404	1	BRANCH TEE, (includes o-ring)	
16		Ref	OUTRIGGER AND FRAME LEVEL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
30	1001144885	1	HOSE ASSY	
33	1001144860	1	HOSE ASSY (4014PS)	
33	1001144894	1	HOSE ASSY (4017PS)	
34	1001144895	1	HOSE ASSY (4017PS)	
35	1001002809	1	PIPE ASSY	
37		Ref	GROMMET, (See DUMP CIRCUIT for Breakdown)	
38	1001003566	1	RUN TEE, (includes o-ring)	
39	2144803	1	ADAPTER	
40	1001003617	1	TEE FITTING, (includes o-ring)	
44	1001006362	1	PRESSURE SWITCH	
46	2144104	1	DUST CAP	
53	1001094726	1	ADAPTER, (includes o-ring)	
54	1001099030	1	NIPPLE	
112	2130406	1	ELBOW, 90, (includes o-ring)	
125	2144803	2	FITTING CONNECTOR	
126	1001003617	1	TEE FITTING, (includes o-ring)	
130	2144104	2	TEST PORT	
134		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
215		Ref	MASTER BRAKE CYLINDER, (See CONTROLS SECTION for Breakdown)	

FIGURE 8-9. LIFT CYLINDER CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

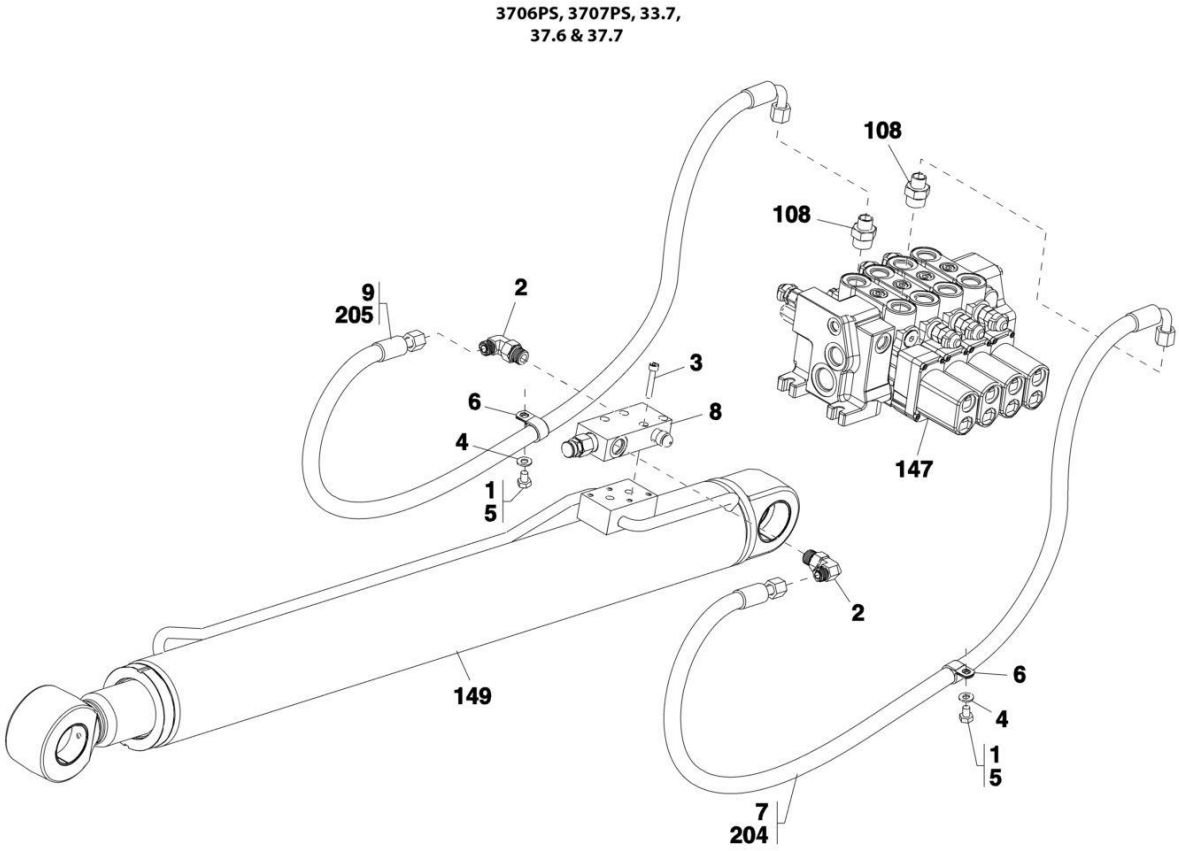


FIGURE 8-9. LIFT CYLINDER CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144576	Ref	BOOM RAISE HOSES INSTALLATION (not available to order, see items 1 thru 9 for service) (37.6,3706PS)	B
	1001144619	Ref	BOOM RAISE HOSES INSTALLATION (not available to order, see items 2, 3, 8, 204 & 205 for service) (33.7,37.7,3707PS)	A
1	0761007	2	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
2	2130810	2	ADAPTER, 90, (includes o-ring)	
3	4031913	4	SOCKET HD CAPSCREW, M8X45, (torque to 31 Nm/22.86 lb-ft)	
4	4812000	2	WASHER, 10mm	
5	1001095650	AR	LOCTITE 243	
6	1001100319	2	HOSE CLIP, M10	
7	1001144577	1	HOSE ASSY (37.6,3706PS)	
8	1001110911	1	LOAD HOLD VALVE	
9	1001151936	1	HOSE ASSY (37.6,3706PS)	
108	2110812	2	ADAPTER, CONNECTOR, (includes o-ring)	
147		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
149		Ref	LIFT CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
204	1001144620	1	HOSE ASSY (33.7,37.7,3707PS)	
205	1001144621	1	HOSE ASSY (33.7,37.7,3707PS)	

FIGURE 8-10. LIFT CYLINDER CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

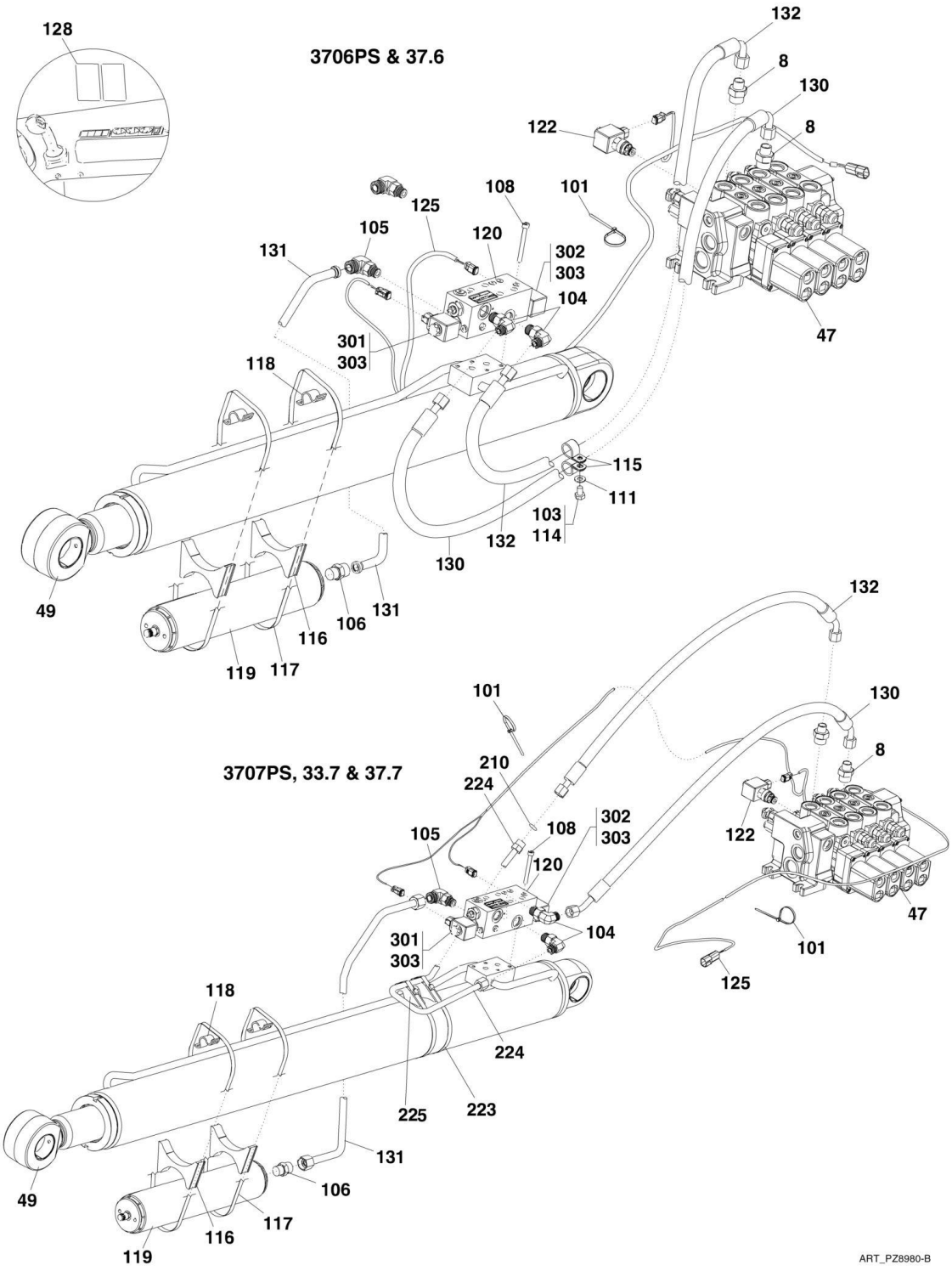


FIGURE 8-10. LIFT CYLINDER CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
8	2110812	2	CONNECTOR, (includes o-ring)	
47		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
49		Ref	LIFT CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
	1001151784	Ref	BOOM SUSPENSION INSTALLATION (if equipped) (not available to order, see items 101 thru 134 for service) (37.6,3706PS)	D
	1001151785	Ref	BOOM SUSPENSION INSTALLATION (if equipped) (not available to order, see items 101, 104 thru 106, 108, 116 thru 120, 122, 125, 128, 130 thru 134, 210 & 223 thru 225 for service) (33.7,37.7,3707PS)	E
101	471678	12	CABLE BAND	
103	0761008	1	HEX HD CAPSCREW, M10X16, GR8.8, (torque to 36.87 lb-ft/50 Nm)	
104	2130810	2	ELBOW, 90, (includes o-ring)	
105	2131008	1	ELBOW, 90, (includes o-ring)	
106	2151010	1	CONNECTOR, (includes o-ring)	
108	4031919	4	HEX SOCKET HD SCREW, M8X75, (torque to 19.17 lb-ft/26 Nm)	
111	4812000	1	WASHER, 10 MM	
114	1001095650	AR	LOCTITE 243	
115	1001100319	2	HOSE CLIP	
116	1001100380	2	CYLINDER SADDLE (37.6,3706PS)	
116	1001102739	2	CYLINDER SADDLE (33.7,37.7,3707PS)	
117	1001101063	2	HOSE CLAMP,	
118	1001101064	2	TUBE BRIDGE CLIP	
119	1001106729	1	ACCUMALATOR	
120	1001106782	1	BOOM SUSPENSION VALVE, (includes items 301 thru 303)	A
122	1001108253	1	MCV VENT	
122	70022143	1	CARTRIDGE VALVE WITH NUT	
122	70022144	1	COIL, 12 VOLT DC	
125		Ref	BOOM SUSPENSION ELECTRICAL COMPONENTS, (See ELECTRICAL SECTION for Breakdown)	
128	1001135692	1	BOOM FLOAT DECAL	
130	1001144577	1	HOSE ASSEMBLY (37.6,3706PS)	
130	1001151779	1	HOSE ASSEMBLY (33.7,37.7,3707PS)	
131	1001148376	1	PIPE ASSEMBLY (37.6,3706PS)	
131	1001148126	1	PIPE ASSEMBLY (33.7,37.7,3707PS)	
132	1001151777	1	HOSE ASSEMBLY (37.6,3706PS)	
132	1001144621	1	HOSE ASSEMBLY (33.7,37.7,3707PS)	
134		Ref	RIDE AND FLOAT CAB HARNESS, (See ELECTRICAL SECTION for Breakdown)	
210	1001008805	1	SEAL	
223	1001109818	2	HOSE BAND	
224	1001110956	1	PIPE ASSEMBLY	
225	1001110957	2	HOSE CLAMP (33.7,37.7,3707PS)	
301	70022145	1	CARTRIDGE	
302	70022146	1	CARTRIDGE	
303	70022147	2	COIL	

FIGURE 8-11. LIFT CYLINDER CIRCUIT (4014PS,4017PS)

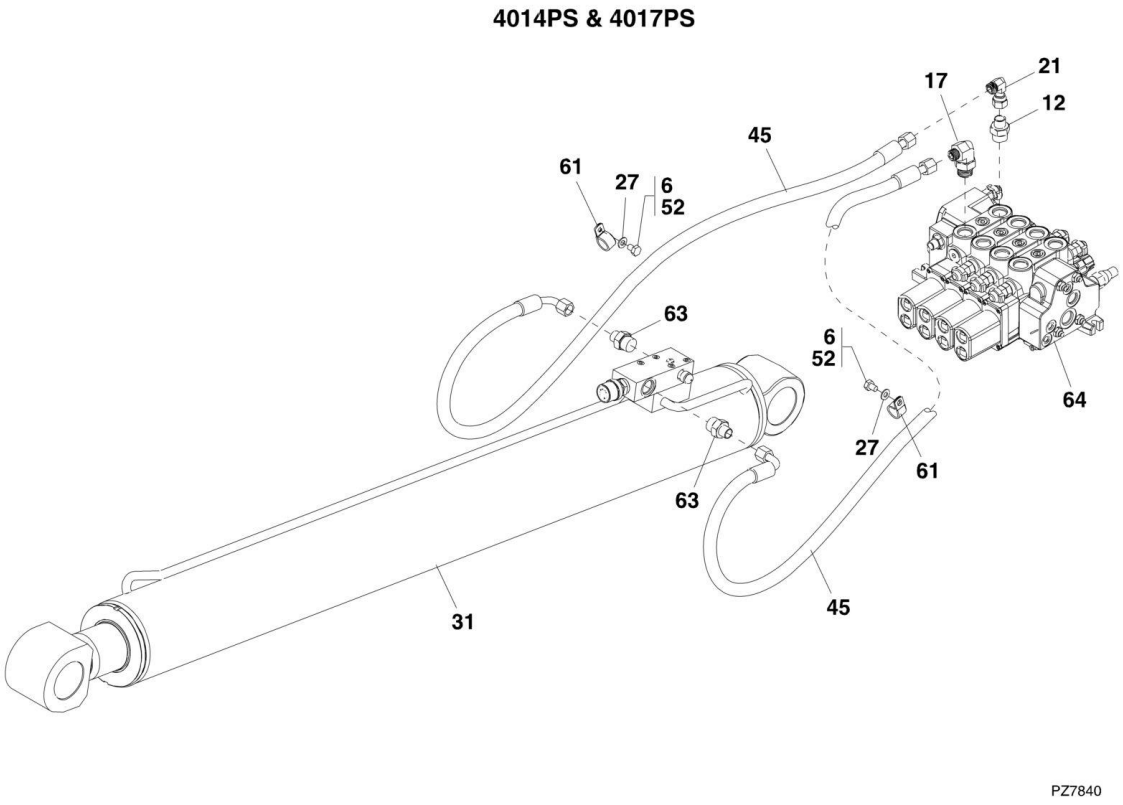


FIGURE 8-11. LIFT CYLINDER CIRCUIT (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
6	0761007	2	HEX HD CAPSCREW, M10X14, GR8.8	
12	2110812	1	ADAPTER (includes o-ring) (4014PS)	
12	2111012	1	ADAPTER (includes o-ring) (4017PS)	
17	2130812	1	ELBOW, 90 (includes o-ring) (4014PS)	
17	2131012	1	ELBOW, 90 (includes o-ring) (4017PS)	
21	2172108	1	ELBOW, 90 (includes o-ring) (4014PS)	
21	2172110	1	ELBOW, 90 (includes o-ring) (4017PS)	
27	4812000	2	FLAT WASHER, 10mm	
31		Ref	LIFT CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
45	1001144868	2	HOSE ASSY (4014PS)	
45	1001144902	2	HOSE ASSY (4017PS)	
52	1001095650	AR	LOCTITE 243	
61	1001100319	2	CLIP, (4014PS) (4014PS)	
61	1001100320	2	CLIP, (4017PS) (4017PS)	
63	1001105941	2	ADAPTER (includes o-ring) (4014PS)	
63	1001105942	2	ADAPTER (includes o-ring) (4017PS)	
64		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	

FIGURE 8-12. EXTEND/RETRACT CYLINDER CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

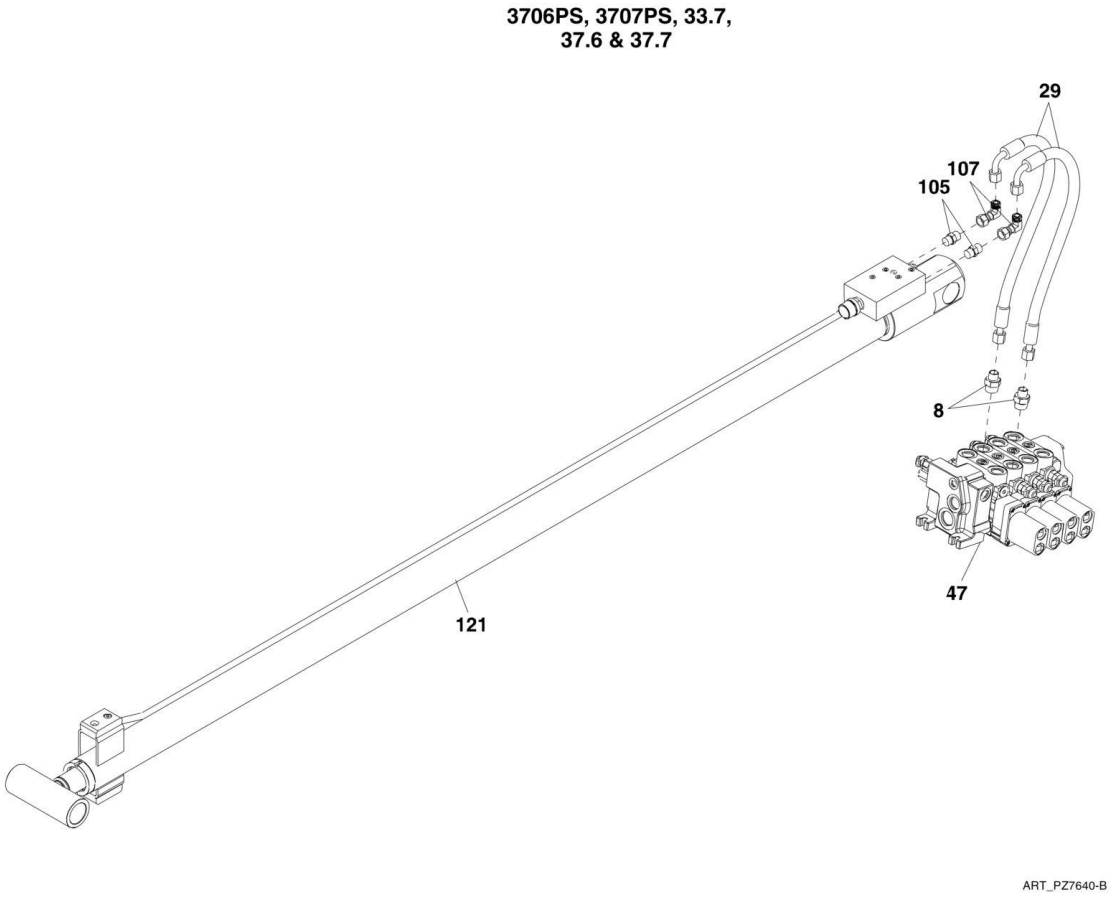


FIGURE 8-12. EXTEND/RETRACT CYLINDER CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
8	2110812	2	ADAPTER, CONNECTOR, (includes o-ring)	
29	1001144819	2	HOSE ASSY (37.6,3706PS)	
29	1001144834	2	HOSE ASSY (33.7,37.7,3707PS)	
47		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
105	2110808	2	ADAPTER, CONNECTOR, (includes o-ring)	
107	2172108	2	ADAPTER, 90, (includes o-ring)	
121		Ref	EXTEND/RETRACT CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	

FIGURE 8-13. EXTEND/RETRACT CYLINDER CIRCUIT (4014PS)

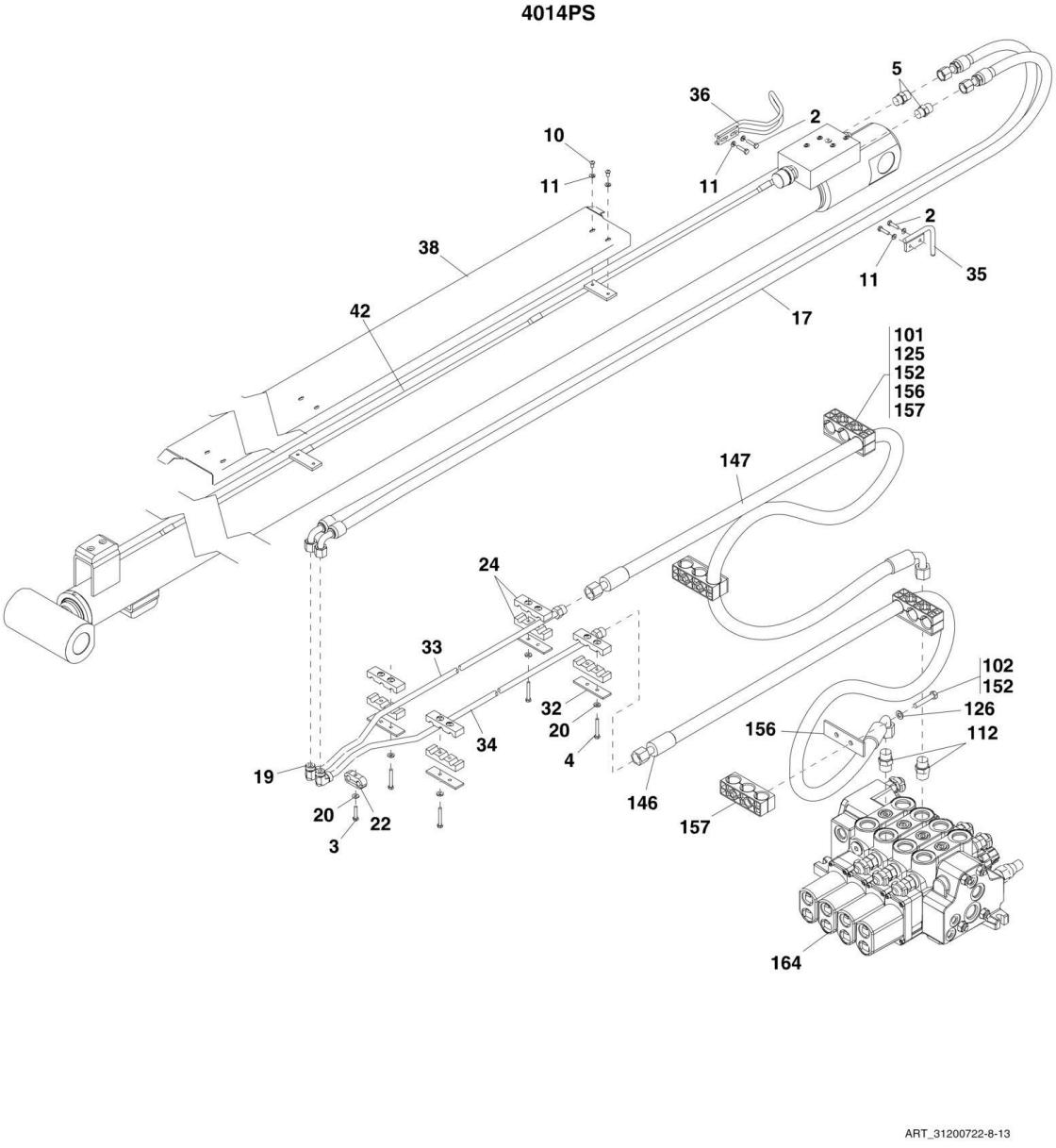


FIGURE 8-13. EXTEND/RETRACT CYLINDER CIRCUIT (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	0700612	4	HEX HD CAPSCREW, M6X25, GR8.8, (torque to 11 Nm/8.11 lb-ft)	
3	0700614	1	HEX HD CAPSCREW, M6X30, GR8.8, (torque to 11 Nm/8.11 lb-ft)	
4	0700617	8	HEX HD CAPSCREW, M6X45, GR8.8, (torque to 11 Nm/8.11 lb-ft)	
5	2110808	2	ADAPTER, STRAIGHT, (includes o-ring)	
10	3900362	6	BUTTON HD CAPSCREW, M6-1X12mm	
11	4811700	10	WASHER, 6mm	
17	1001144559	1	TWIN HOSE	
19	1001008805	2	SEAL	
20	1001009124	9	HARD WASHER	
22	1001092129	1	CLAMP WITH COVER	
24	1001093387	8	CLAMP	
32	1001103554	4	CLAMP COVER PLATE	
33	1001104032	1	PIPE	
34	1001104033	1	PIPE	
35	1001104670	1	HOSE GUIDE BRACKET	
36	1001104717	1	IGUS CHAIN GUIDE BRACKET	
38	1001115210	1	CHAIN GUIDE PLATE	
42		Ref	EXTEND/RETRACT CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
101	0700618	4	HEX HD CAPSCREW, M6X50, GR8.8, (torque to 12 Nm/8.85 lb-ft)	
102	0700817	4	HEX HD CAPSCREW, M8X45, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
112	2110812	2	ADAPTER, STRAIGHT, (includes o-ring)	
125	4811700	4	WASHER, 6m	
126	4811900	4	WASHER, 8mm	
146	1001144869	1	HOSE ASSY	
147	1001144870	1	HOSE ASSY	
152	1001095650	AR	LOCTITE 243	
156	1001098123	4	TRIPLE CLAMP COVER PLATE	
157	1001098128	4	TRIPLE CLAMP	
164		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	

FIGURE 8-14. EXTEND/RETRACT CYLINDER CIRCUIT (4017PS)

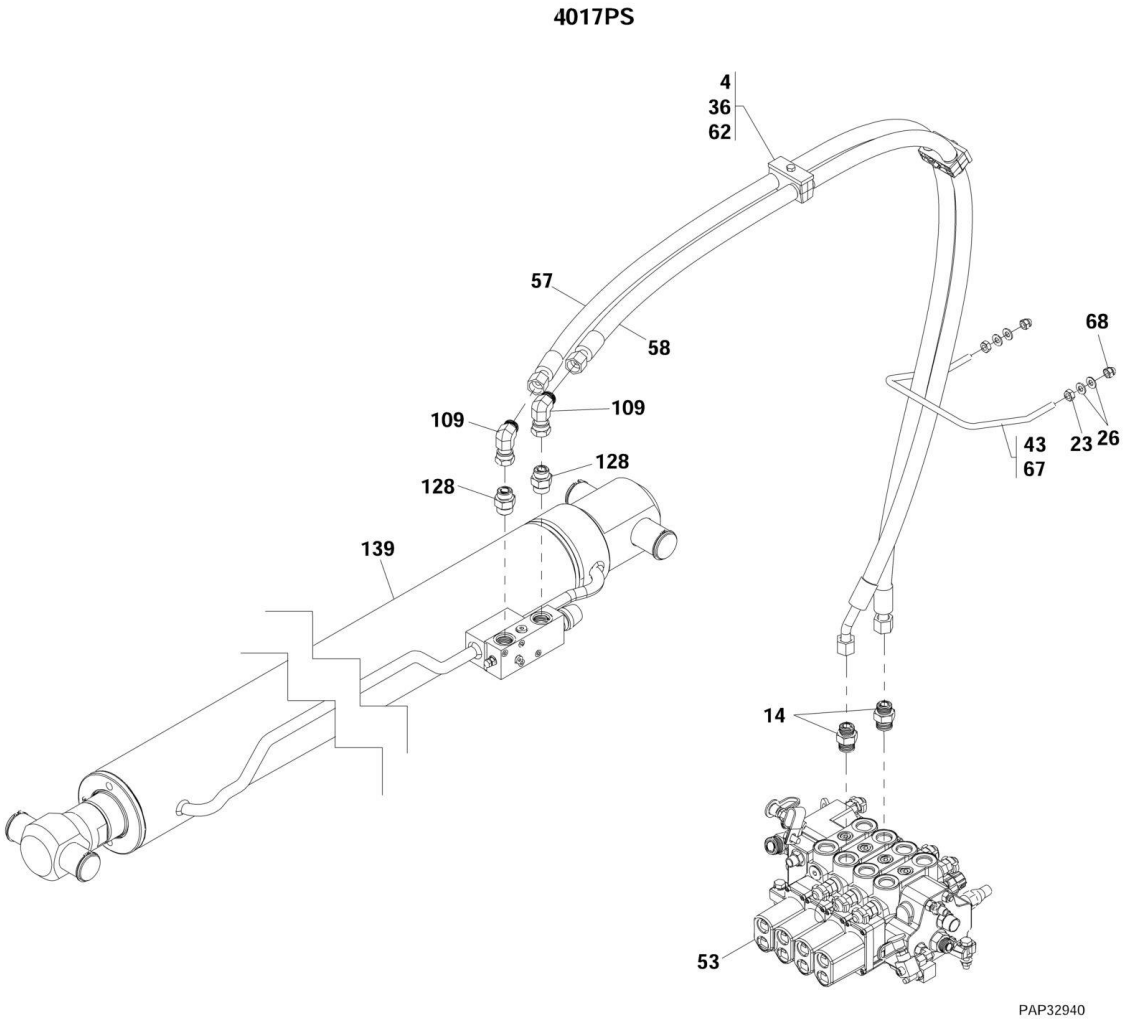


FIGURE 8-14. EXTEND/RETRACT CYLINDER CIRCUIT (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
4	0760818	2	HEX HD CAPSCREW, M8X50, GR8.8, (torque to 26 Nm/19.17 lb-ft)	
14	2111012	2	ADAPTER, CONNECTOR, (includes o-ring)	
23	3291001	2	HEX NUT, M10X1.50	
26	4812000	4	WASHER, 10mm	
36	1001008747	2	COVER	
43	1001095650	AR	LOCTITE 243	
53		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
57	1001144897	1	HOSE ASSY	
58	1001144903	1	HOSE ASSY	
62	1001111827	2	CLAMP ASSY	
67	1001114850	1	BRACKET	
68	1001114969	2	HEXAGON DOMED CAP NUT, GR8, (torque to 55 Nm/40.56 lb-ft)	
109	2172110	2	ADAPTER, 90, (includes o-ring)	
128	1001105942	2	ADAPTER, CONNECTOR, (includes o-ring)	
139		Ref	EXTEND/RETRACT CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-15. TILT AND TILT COMPENSATION CYLINDER CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

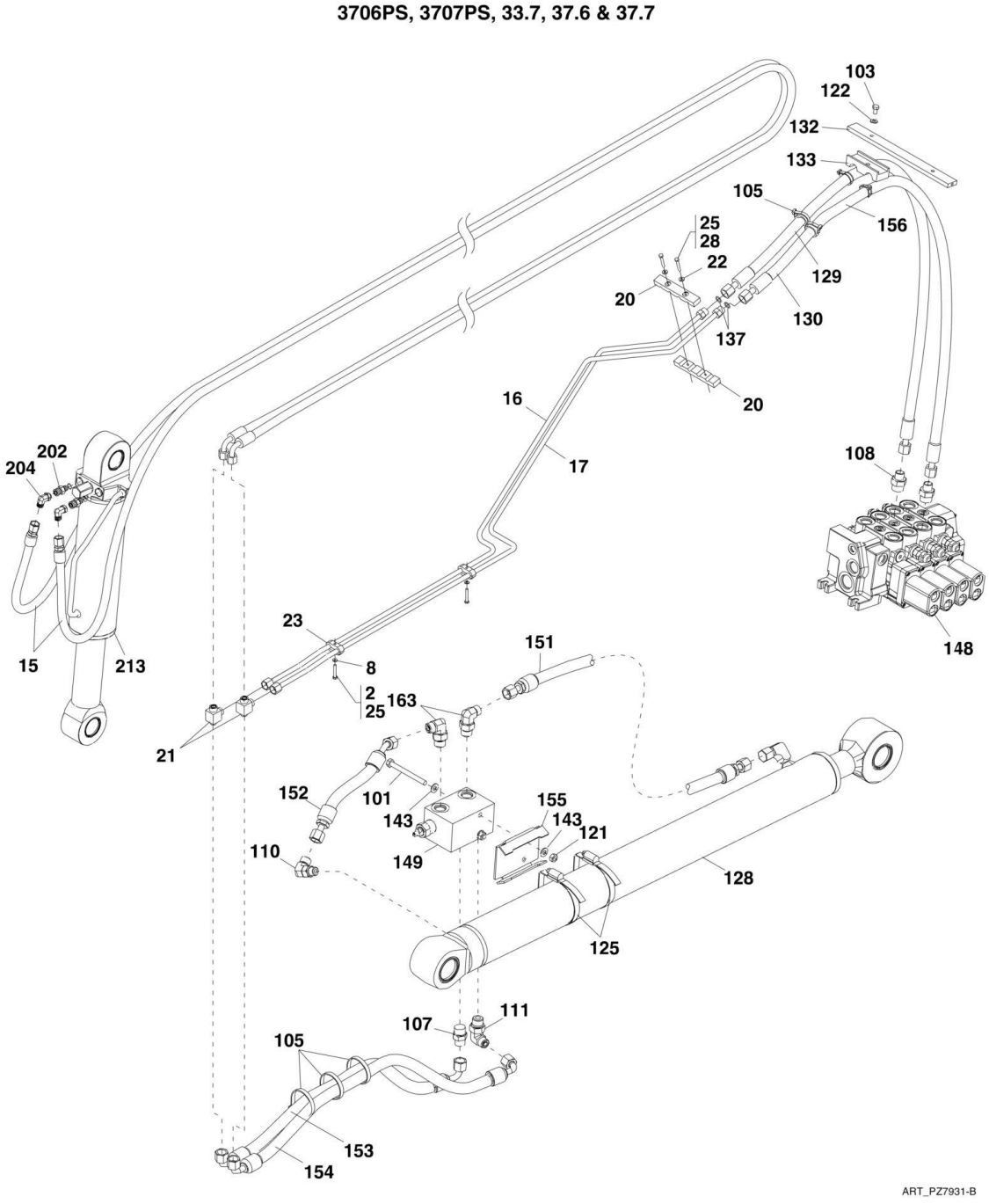


FIGURE 8-15. TILT AND TILT COMPENSATION CYLINDER CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	0700615	2	HEX HD CAPSCREW, 6X40mm, GR8.8, (torque to 11Nm/8 lb-ft)	
8	4811700	3	HARD WASHER (37.6,3706PS)	
8	4811700	4	FLAT WASHER, 6mm (33.7,37.7,3707PS)	
15	1001144553	1	TWIN HOSE ASSY (37.6,3706PS)	
15	1001144555	1	TWIN HOSE ASSY (33.7,37.7,3707PS)	
16	1001101002	1	TUBE ASSY (37.6,3706PS)	
16	1001002787	1	TUBE ASSY (33.7,37.7,3707PS)	
17	1001101003	1	TUBE ASSY (37.6,3706PS)	
17	1001002788	1	TUBE ASSY (33.7,37.7,3707PS)	
20	1001002816	2	CLAMP	
21	1001003435	2	ADAPTER, (includes o-ring)	
23	1001092129	1	CLAMP SET (37.6,3706PS)	
23	1001092129	2	CLAMP SET (33.7,37.7,3707PS)	
25	1001095650	AR	LOCTITE 243	
28	0700618	2	HEX HD CAPSCREW, M6X50, GR8.8	
101	0700825	2	HEX HD CAPSCREW, M8X85, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
103	0760807	1	HEX HD CAPSCREW, 8X14 MM, GR8.8, (torque to 23 Nm/17 lb-ft)	
105	1062255	5	TIE WRAP (37.6,3706PS)	
105	1062255	6	TIE WRAP (33.7,37.7,3707PS)	
107	2110608	1	ADAPTER, (includes o-ring)	
108	2110812	2	CONNECTOR, (includes o-ring)	
110	2130606	1	ELBOW, 90, (includes o-ring)	
111	2130608	3	ADAPTER, 90, (includes o-ring)	
121	3290801	2	HEX NUT, M8X1/25	
122	4811900	5	FLAT WASHER, 8mm	
125	10719267	2	CLAMP, (torque to 4.5-5 Nm/3.31-3.68 lb-ft)	
128		Ref	TILT COMPENSATION CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
129	1001144821	1	HOSE ASSY (37.6,3706PS)	
129	1001144832	1	HOSE ASSY (33.7,37.7,3707PS)	
130	1001144821	1	HOSE ASSY (37.6,3706PS)	
130	1001144833	1	HOSE ASSY (33.7,37.7,3707PS)	
132	1001002817	1	CLAMP PLATE	
133	1001002818	1	CLAMP HALF	
137	1001008805	2	SEAL	
148		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
149	1001108529	1	ANTI-KICK BACK VALVE	
151	1001144828	1	HOSE ASSY	
152	1001144829	1	HOSE ASSY	
153	1001144822	1	HOSE ASSY (37.6,3706PS)	
153	1001144830	1	HOSE ASSY (33.7,37.7,3707PS)	
154	1001144823	1	HOSE ASSY (37.6,3706PS)	
154	1001144831	1	HOSE ASSY (33.7,37.7,3707PS)	
155	1001112726	1	BRACKET	
156	1001151080	2	SPLIT POLY CONDUIT	
202	2110808	2	CONNECTOR, (includes o-ring)	
204	2172108	2	ELBOW, 90, (includes o-ring)	
213		Ref	TILT CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	

FIGURE 8-16. TILT AND TILT COMPENSATION CYLINDER CIRCUIT (4014PS)

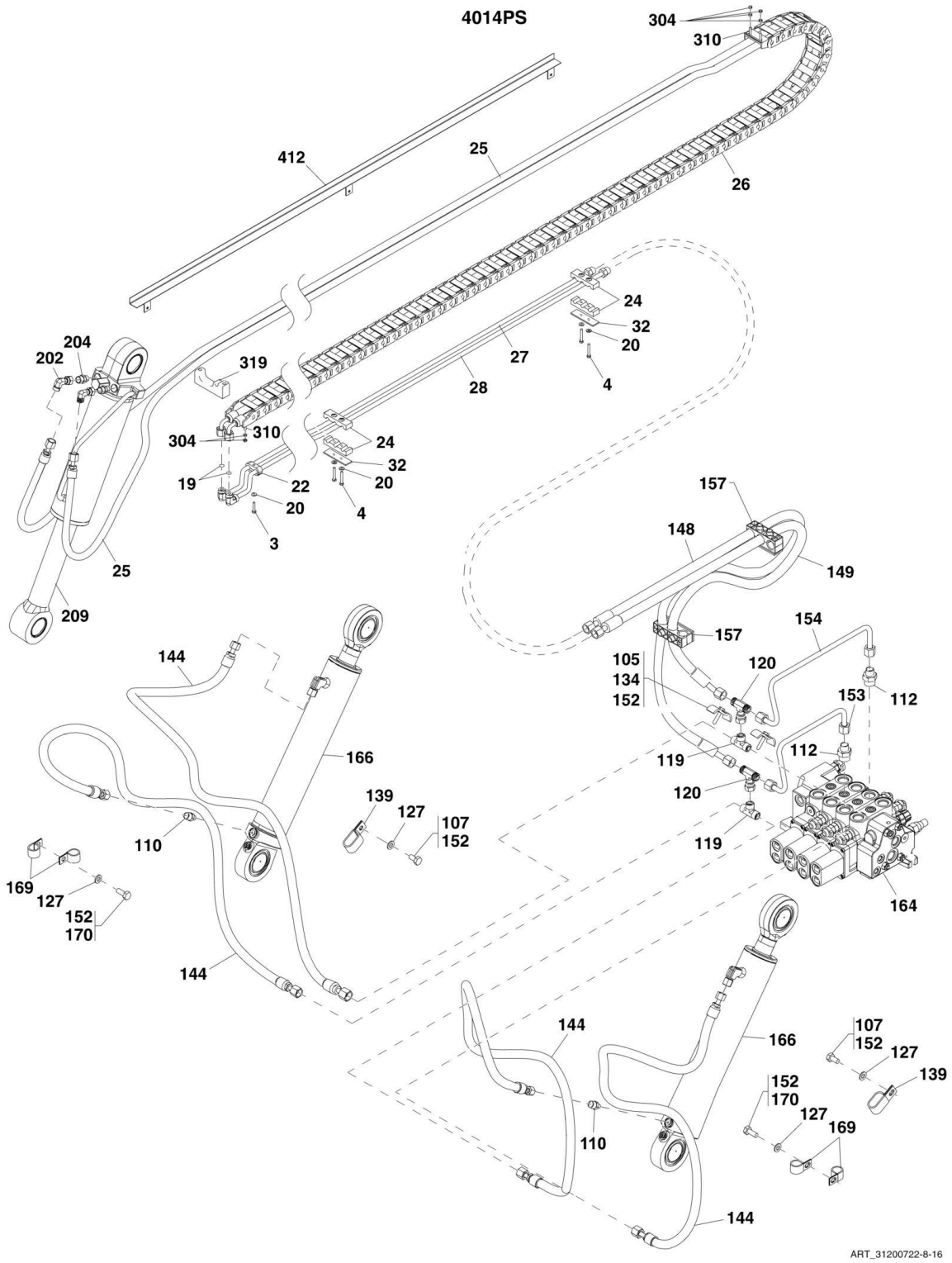


FIGURE 8-16. TILT AND TILT COMPENSATION CYLINDER CIRCUIT (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
3	0700614	2	HEX HD CAPSCREW, 6X30mm, GR8.8, (torque to 12 Nm/8.8 lb-ft)	
4	0700617	4	HEX HD CAPSCREW, 6X40mm, GR8.8, (torque to 12 Nm/8.8 lb-ft)	
19	1001008805	2	SEAL	
20	1001009124	5	HARD WASHER	
22	1001092129	2	CLAMP WITH COVER	
24	1001093387	4	CLAMP HALF	
25	1001144561	2	HOSE ASSY	
26	1001097391	1	HOSE CARRIER	
27	1001097902	1	PIPE ASSY	
28	1001097903	1	PIPE ASSY	
32	1001103554	2	CLAMP COVER PLATE	
105	0760818	2	HEX HD CAPSCREW, 8X50mm, GR8.8	
107	0761010	2	HEX HD CAPSCREW, 10X20mm, GR8.8, (torque to 55 Nm/40.5 lb-ft)	
110	2110604	2	ADAPTER, (includes o-ring)	
112	2110812	2	ADAPTER, (includes o-ring)	
119	2170508	2	TEE FITTING, (includes o-ring)	
120	2170808	2	TEE FITTING, (includes o-ring)	
127	4812000	4	WASHER,10mm	
130	1001002496	2	PIN	
134	1001005961	2	CLIP	
139	1001026104	2	CLIP	
144	1001175785	4	HOSE ASSY,TILT COMP 4014	
148	1001144871	1	HOSE ASSY	
149	1001144872	1	HOSE ASSY	
152	1001095650	AR	LOCTITE 243	
153	1001097289	1	PIPE ASSY	
154	1001097290	1	PIPE ASSY	
157	1001098128	2	CLAMP	
166		Ref	TILT COMPENSATION CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
164		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
169	1001004144	4	CLIP	
170	0761012	2	HEX HD CAPSCREW, 10X20mm, GR8.8	
209		Ref	TILT CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
202	2110808	2	CONNECTOR, (includes o-ring)	
204	2172108	2	ELBOW, 90, (includes o-ring)	
304	3290601	8	HEX NUT, 6X1mm, (torque adjusting nut to 3 Nm/2.2 lb-ft), (torque locking nut to 12 Nm/8.8 lb-ft)	
310	1001103495	2	CHAIN ANCHOR BRACKET	
319	1001113286	1	CLAMP	
319	1001107679	1	CLAMP, (if equipped for platform)	
412	1001119560	NLA	PLATE, BOX SECTION, (no longer available, use 1001155578 for replacement)	
412	1001155578	1	CONDUIT	

FIGURE 8-17. TILT AND TILT COMPENSATION CYLINDER CIRCUIT (4017PS)

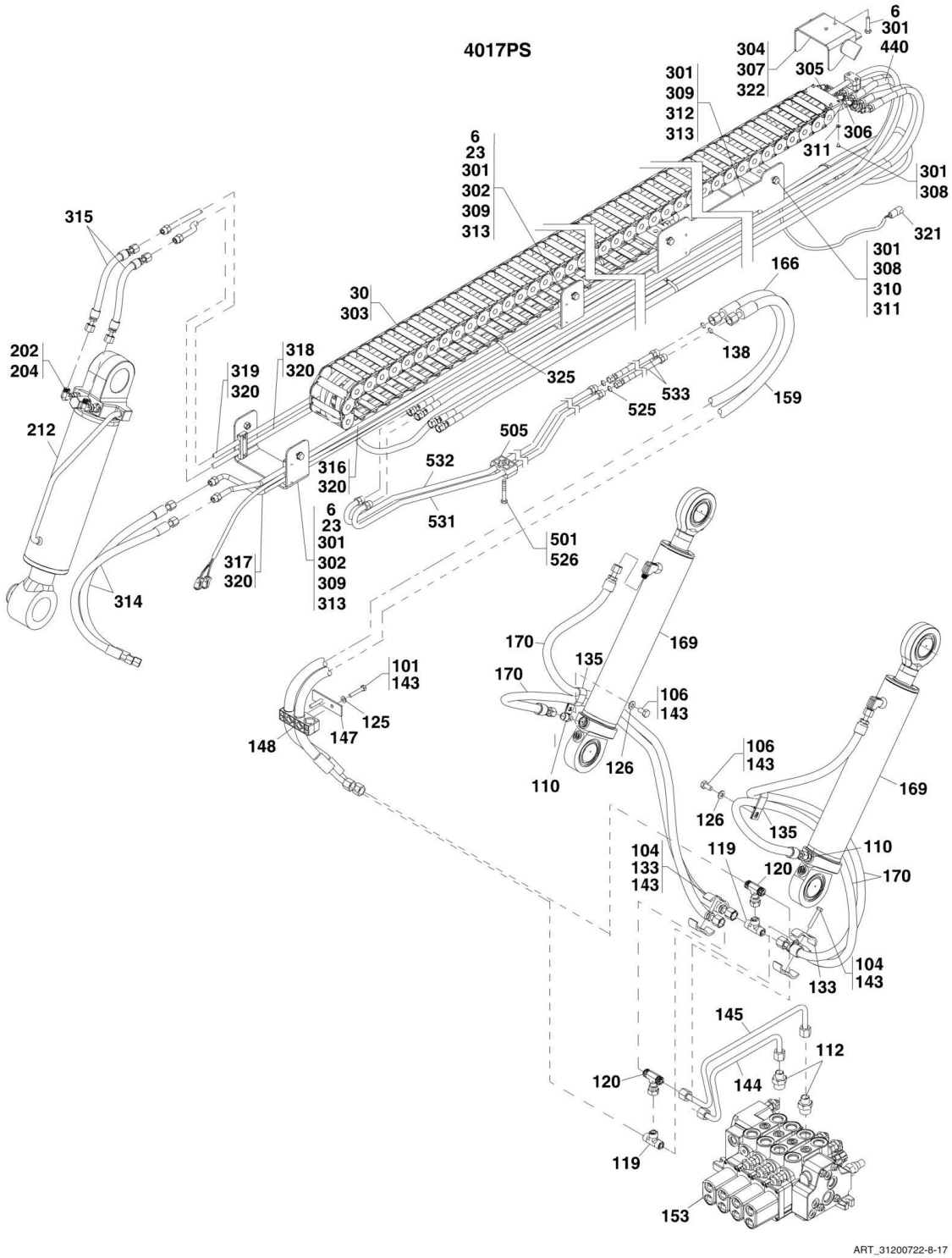


FIGURE 8-17. TILT AND TILT COMPENSATION CYLINDER CIRCUIT (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
6	0761214	10	HEX HD CAPSCREW, M12X30, GR8.8	
23	4812100	8	WASHER, M12	
30	1001144557	1	HOSE CARRIER ASSY, (includes items 301 thru 325)	B
30	1001144575	1	HOSE CARRIER ASSY, (includes items 301 thru 325), (if equipped for platform)	A
101	0700817	2	HEX HD CAPSCREW, M8X45, GR8.8	
104	0760818	2	HEX HD CAPSCREW, M8X50, GR8.8	
106	0761010	2	HEX HD CAPSCREW, M10X20, GR8.8	
110	2110604	2	ADAPTER, (includes o-ring)	
112	2110812	2	ADAPTER, (includes o-ring)	
119	2170508	2	TEE FITTING, (includes o-ring)	
120	2170808	2	TEE FITTING, (includes o-ring)	
125	4811900	4	WASHER, 8mm	
126	4812000	4	WASHER, 10mm	
133	1001005961	4	CLIP	
135	1001008626	2	CLIP	
143	1001095650	AR	LOCTITE 243	
144	1001097289	1	PIPE ASSY	
145	1001097290	1	PIPE ASSY	
147	1001098123	1	COVER PLATE	
148	1001098128	1	CLAMP	
153		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
159	1001144898	1	HOSE ASSY	
166	1001144900	1	HOSE ASSY	
169		Ref	TILT COMPENSATION CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
170	1001144901	4	HOSE ASSY	
202	2110808	2	ADAPTER, (includes o-ring)	
204	2172108	2	ADAPTER, 90, (includes o-ring)	
212		Ref	TILT CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
301	0100011	AR	LOCTITE 242	
302	0903405	2	MOUNTING BRACKET	
303	1001120416	1	HOSE CARRIER	
304	2171108	4	ADAPTER, (includes o-ring)	
305	1001144562	1	HOSE ASSY	
306	1001144563	1	HOSE ASSY	
307	3576314	1	HOSE CARRIER MOUNT	
308	3900362	12	BUTTON HD SCREW, M6-1X12mm	
309	3900380	12	SOCKET HD CAPSCREW, M6-1X20mm	
310	4700044	2	SLIDE	
311	4811700	12	WASHER, 6mm	
312	1001093238	1	REAR MOUNT BRACKET	
313	1001100075	6	CLAMP	
314		Ref	HOSE ASSY, (See AUXILIARY HYDRAULIC CIRCUIT for Breakdown)	
315	1001144565	2	HOSE ASSY	
316	1001115560	1	PIPE ASSY	
317	1001115561	1	PIPE ASSY	
318	1001115562	1	PIPE ASSY	

SECTION 8 - HYDRAULIC CIRCUITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
319	1001115563	1	PIPE ASSY	
320	1001008805	8	SEAL	
321		Ref	BOOM HARNESS, (See ELECTRICAL SECTION for Breakdown)	
322	2172208	4	NUT, GR8	
325	471678	6	TIE STRAP	
440	1001144558	1	HOSE ASSY	
501	0700816	5	HEX HD CAPSCREW, M8x40, GR8.8	
505	1320626	5	CLAMP ASSY	
525	1001008922	2	SEAL	
526	1001095650	AR	LOCTITE 243	
531	1001118705	1	PIPE ASSY	
532	1001118706	1	PIPE ASSY	
533	1001118707	2	PIPE ASSY	

FIGURE 8-18. AUXILIARY HYDRAULIC CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

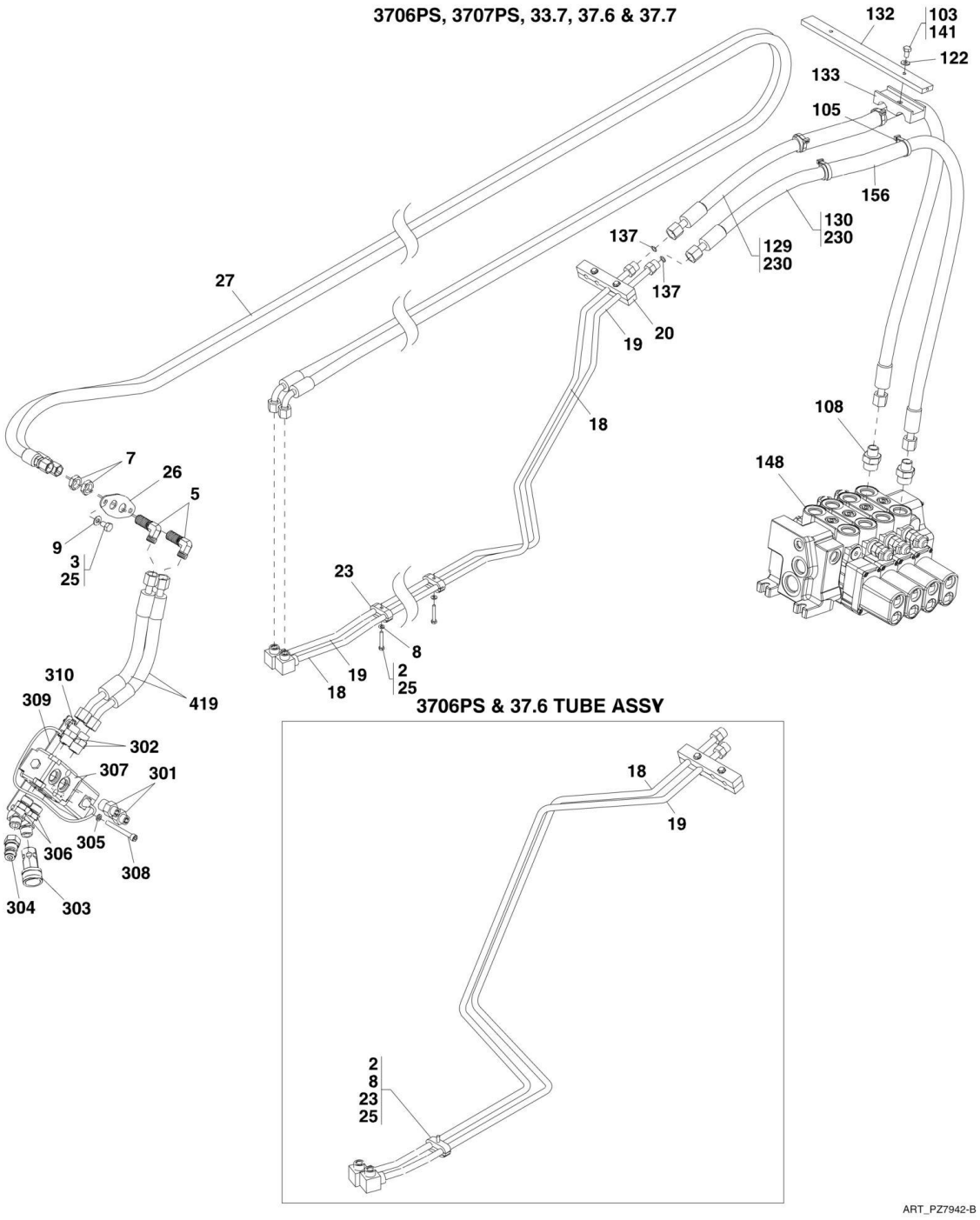


FIGURE 8-18. AUXILIARY HYDRAULIC CIRCUIT (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
2	0700615	1	HEX HD CAPSCREW, 6x35, GR8.8 (37.6,3706PS)	
2	0700615	2	HEX HD CAPSCREW, 6x35, GR8.8 (33.7,37.7,3707PS)	
3	0761008	2	HEX HD CAPSCREW, 10X16mm, GR8.8, (torque to 55 Nm/41 lb-ft)	
5	2171208	2	ELBOW, 90, (includes o-ring)	
7	2172208	2	NUT	
8	4811700	1	FLAT WASHER, 6mm (37.6,3706PS)	
8	4811700	2	FLAT WASHER, 6mm (33.7,37.7,3707PS)	
9	4812000	2	FLAT WASHER, 10mm	
18	1001101004	1	TUBE ASSY (37.6,3706PS)	
18	1001002789	1	TUBE ASSY (33.7,37.7,3707PS)	
19	1001101005	1	TUBE ASSY (37.6,3706PS)	
19	1001002790	1	TUBE ASSY (33.7,37.7,3707PS)	
20		Ref	CLAMP, (See TILT AND TILT COMPENSATION CYLINDER CIRCUIT for Breakdown)	
23	1001092129	1	CLAMP SET (37.6,3706PS)	
23	1001092129	2	CLAMP SET (33.7,37.7,3707PS)	
25	1001095650	AR	LOCTITE 243	
26	1001098386	1	BULKHEAD PLATE	
27	1001144554	1	TWIN HOSE ASSY (37.6,3706PS)	
27	1001144556	1	TWIN HOSE ASSY (33.7,37.7,3707PS)	
103	0760807	1	HEX HD CAPSCREW, 8X14mm, GR8.8	
105	1062255	2	TY-RAP	
108	2110812	2	CONNECTOR, (includes o-ring)	
122	4811900	1	FLAT WASHER, 8mm	
129	1001144832	1	HOSE ASSY (33.7,37.7,3707PS)	
130	1001144833	1	HOSE ASSY (33.7,37.7,3707PS)	
132		Ref	CLAMP, (See TILT AND TILT COMPENSATION CYLINDER CIRCUIT for Breakdown)	
133	1001002818	1	CLAMP HALF	
137	1001008805	2	SEAL	
141	1001095650	AR	LOCTITE 243	
148		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
156	1001151080	2	SPLIT POLY CONDUIT	
230	1001144821	2	HOSE ASSY (37.6,3706PS)	
	1001146389	Ref	VALVE GROUP INSTALLATION, (not available to order, see items 301 thru 312 for service)	A
301	1001003400	2	FITTING, CONNECTOR	
302	1001003411	2	FITTING, CONNECTOR	
303	1001101042	1	QUICK DISCONNECT COUPLING, FEMALE	
304	1001101041	1	QUICK DISCONNECT COUPLING, MALE	
305	1001005262	2	HARD WASHER	
306	1001005904	2	ELBOW, 45	
307		Ref	DIVERTER VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
308	4031918	2	SOCKET HD CAPSCREW, M8X70, (torque to 12-14 Nm/8.85-10.32 lb-ft)	
309	1001108918	1	PLATE	
310	1001004720	2	CABLE STRAP	
311		Ref	HYDRAULIC LOCK SWITCH, (not shown), (See ELECTRICAL SECTION for Breakdown)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
312		Ref	RIDE CONTROL SWITCH BODY, (not shown), (See ELECTRICAL SECTION for Breakdown)	
419		Ref	HOSE ASSY, (See BOOM SECTION for Breakdown)	

FIGURE 8-19. AUXILIARY HYDRAULIC CIRCUIT (4014PS)

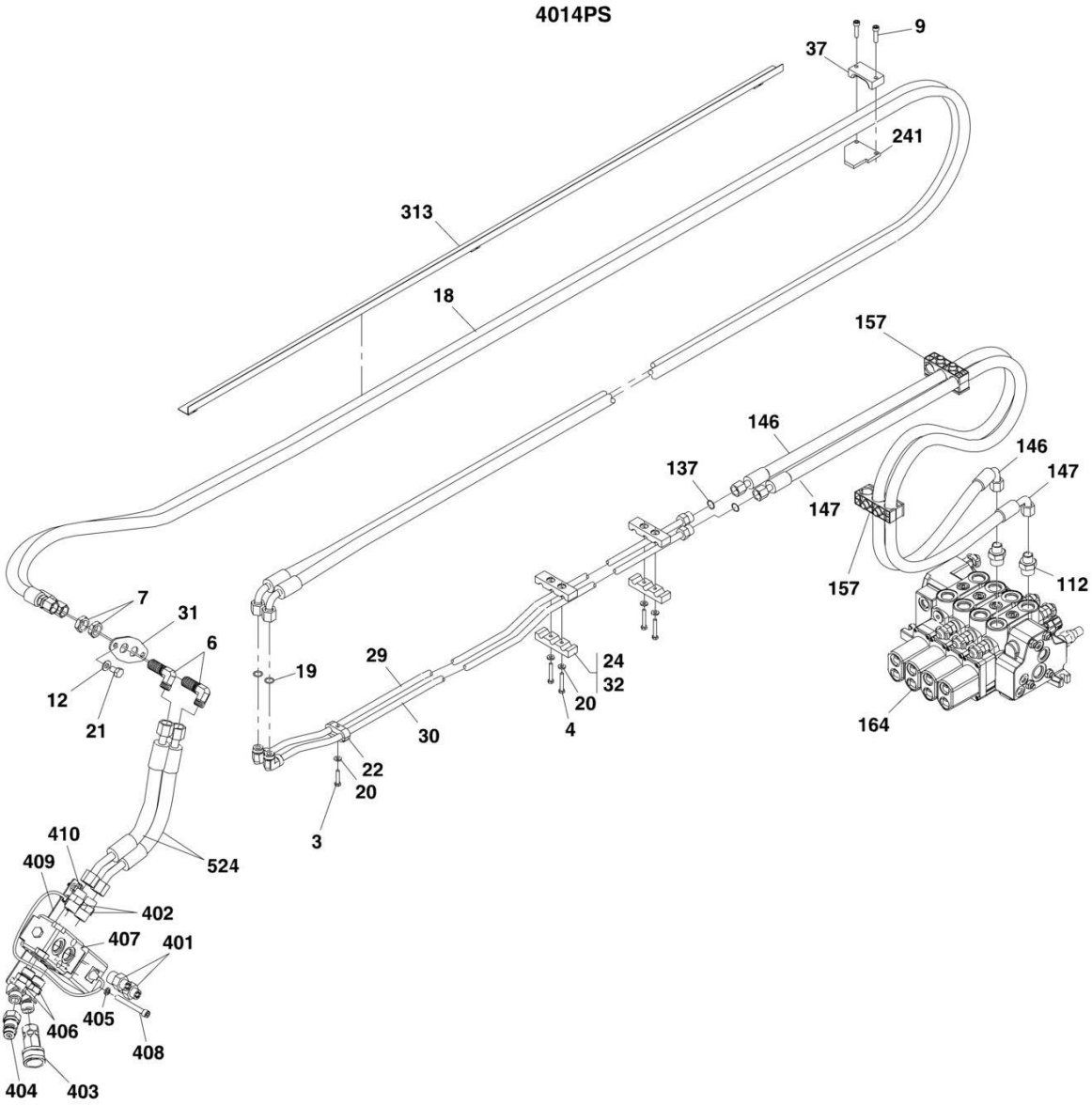


FIGURE 8-19. AUXILIARY HYDRAULIC CIRCUIT (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
3	0700614	2	HEX HD CAPSCREW, 6X30mm, GR8.8, (torque to 12Nm/8.8lb-ft)	
4	0700617	4	HEX HD CAPSCREW, 6X45mm, GR8.8, (torque to 12Nm/8.8lb-ft)	
6	2171208	2	ELBOW, 90, (includes o-ring)	
7	2172208	2	BULKHEAD NUT	
9	4031709	2	HEX HEAD SCREW, 6X25mm	
12	4812000	2	FLAT WASHER, 10mm	
18	1001144560	1	HOSE ASSY	
19	1001008805	2	SEAL	
20	1001009124	8	HARD WASHER	
21	1001009326	2	TORX HD CAPSCREW, 10X20mm	
22	1001092129	2	CLAMP SET	
24	1001093387	4	CLAMP HALF	
29	1001097904	1	PIPE ASSY	
30	1001097905	1	PIPE ASSY	
31	1001098386	1	BULKHEAD PLATE	
32	1001103554	2	CLAMP COVER PLATE	
37	1001110596	1	HOSE CLAMP PLATE	
112	2110812	2	ADAPTER, (includes o-ring)	
137	1001008805	2	SEAL	
146	1001144869	1	HOSE ASSY	
147	1001144870	1	HOSE ASSY	
157		Ref	CLAMP, (See TILT AND TILT COMPENSATION CYLINDER CIRCUIT for Breakdown)	
164		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
241		Ref	THIRD BOOM SECTION, (See BOOM SECTION for Breakdown)	
313	1001119560	NLA	PLATE, BOX SECTION, (no longer available, use 1001155578 for replacement)	
313	1001155578	1	CONDUIT	
	1001146389	Ref	VALVE GROUP INSTALLATION, (not available to order, see items 401 thru 412 for service)	A
401	1001003400	2	FITTING, CONNECTOR	
402	1001003411	2	FITTING, CONNECTOR	
403	1001101042	1	QUICK DISCONNECT COUPLING, FEMALE	
404	1001101041	1	QUICK DISCONNECT COUPLING, MALE	
405	1001005262	2	HARD WASHER	
406	1001005904	2	ELBOW, 45	
407		Ref	DIVERTER VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
408	4031918	2	SOCKET HD CAPSCREW, M8X70, (torque to 12-14 Nm/8.85-10.32 lb-ft)	
409	1001108918	1	PLATE	
410	1001004720	2	CABLE STRAP	
411		Ref	HYDRAULIC LOCK SWITCH, (not shown) (See ELECTRICAL SECTION for Breakdown)	
412		Ref	RIDE CONTROL SWITCH BODY, (not shown), (See ELECTRICAL SECTION for Breakdown)	
524		Ref	HOSE ASSY, (See BOOM SECTION for Breakdown)	

FIGURE 8-20. AUXILIARY HYDRAULIC CIRCUIT (4017PS)

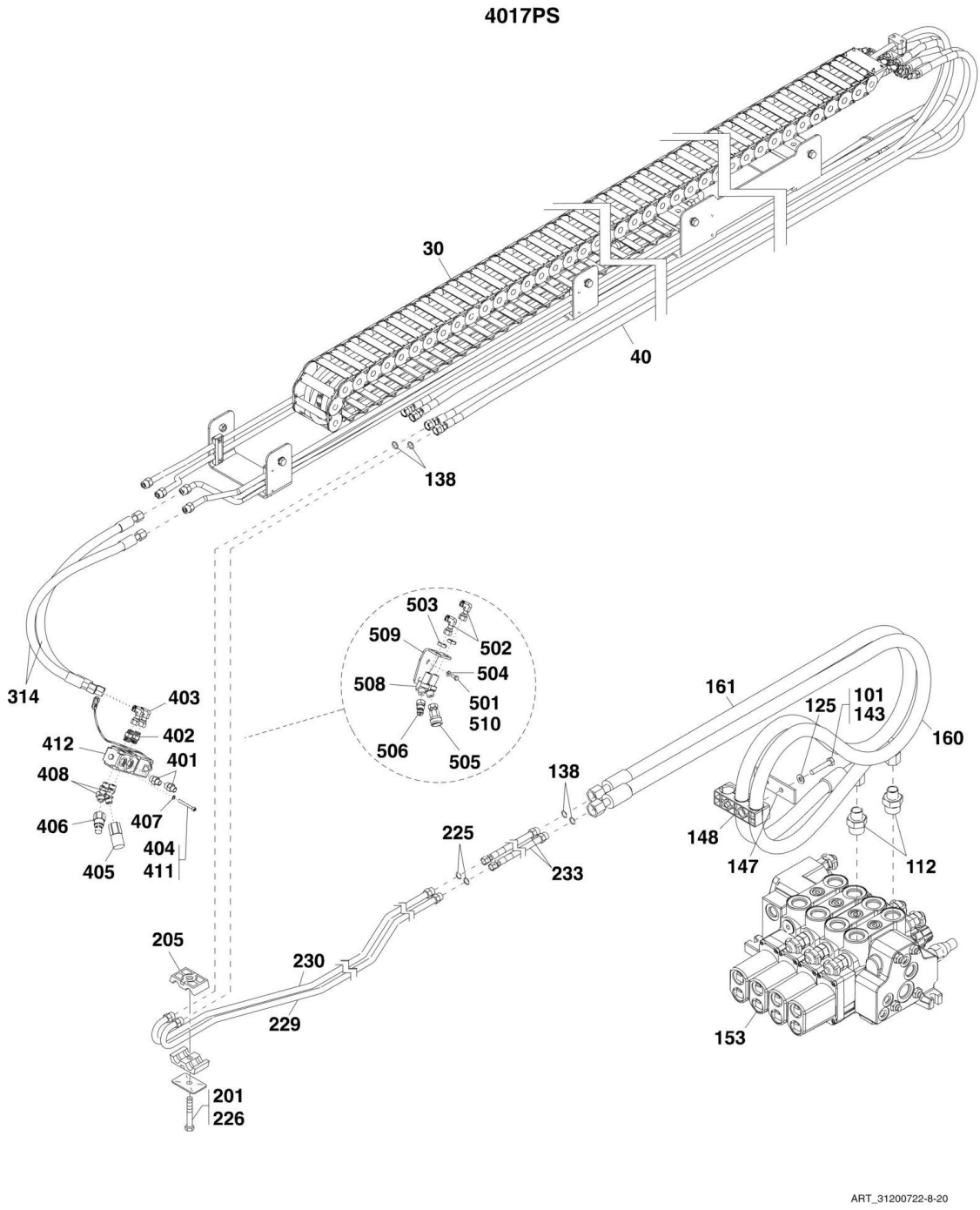


FIGURE 8-20. AUXILIARY HYDRAULIC CIRCUIT (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
30		Ref	HOSE CARRIER ASSY, (See TILT AND TILT COMPENSATION CYLINDER CIRCUIT for Breakdown)	
40	1001144558	1	HOSE ASSY	
101	0700817	2	HEX HD CAPSCREW	
112	2110812	2	STRAIGHT FITTING	
125	4811900	2	WASHER, 8mm	
138	1001008805	4	SEAL	
143	1001095650	Ref	LOCTITE 243	
147	1001098123	1	COVER PLATE	
148	1001098128	1	CLAMP	
153		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
161	1001144899	1	HOSE ASSY	
160	1001144904	1	HOSE ASSY	
201	0700816	5	HEX HD CAPSCREW, M8x40, GR8.8	
205	1320626	5	CLAMP ASSY	
225	1001008922	2	SEAL	
226	1001095650	AR	LOCTITE 243	
229	1001118703	1	PIPE ASSY	
230	1001118704	1	PIPE ASSY	
233	1001118707	2	PIPE ASSY	
314	1001144564	2	HOSE ASSY	
	1001146390	Ref	AUX VALVE INSTALLATION, (not available to order, see items 401 thru 412 for service)	B
401	2110610	2	ADAPTER, CONNECTOR, (includes o-ring)	
402	2110810	2	ADAPTER, CONNECTOR, (includes o-ring)	
403	2172108	2	ADAPTER, 90, (includes o-ring)	
404	4031918	2	SOCKET HD CAPSCREW, M8X70, (torque to 12-14 Nm/8.85-10.32 lb-ft)	
405	1001101042	1	QUICK DISCONNECT COUPLING, FEMALE	
406	1001101041	1	QUICK DISCONNECT COUPLING, MALE	
407	1001005262	2	HARD WASHER	
408	1001005904	2	ELBOW	
409		Ref	HYDRAULIC LOCK SWITCH, (not shown), (See ELECTRICAL SECTION for Breakdown)	
411	1001095650	AR	LOCTITE 243	
412		Ref	DIVERTER VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
	1001145701	Ref	BOOM AUX INSTALLATION, (not available to order, see items 501 thru 510 for service)	C
501	0760810	2	HEX HD CAPSCREW, M8X20, GR8.8	
502	2172108	2	ADAPTER, 90, (includes o-ring)	
503	2172208	2	BULKHEAD NUT	
504	5240800	2	HARDENED WASHER, 8mm	
505	1001101042	1	QUICK DISCONNECT COUPLING, FEMALE	
506	1001101041	1	QUICK DISCONNECT COUPLING, MALE	
508	1001103640	2	ADAPTER, 45, (includes o-ring)	
509	1001113075J	2	BOOM AUX COUPLING BRACKET	
510	1001095650	AR	LOCTITE 243	

FIGURE 8-21. FRAME LEVEL AND OUTRIGGER (4014PS,4017PS)

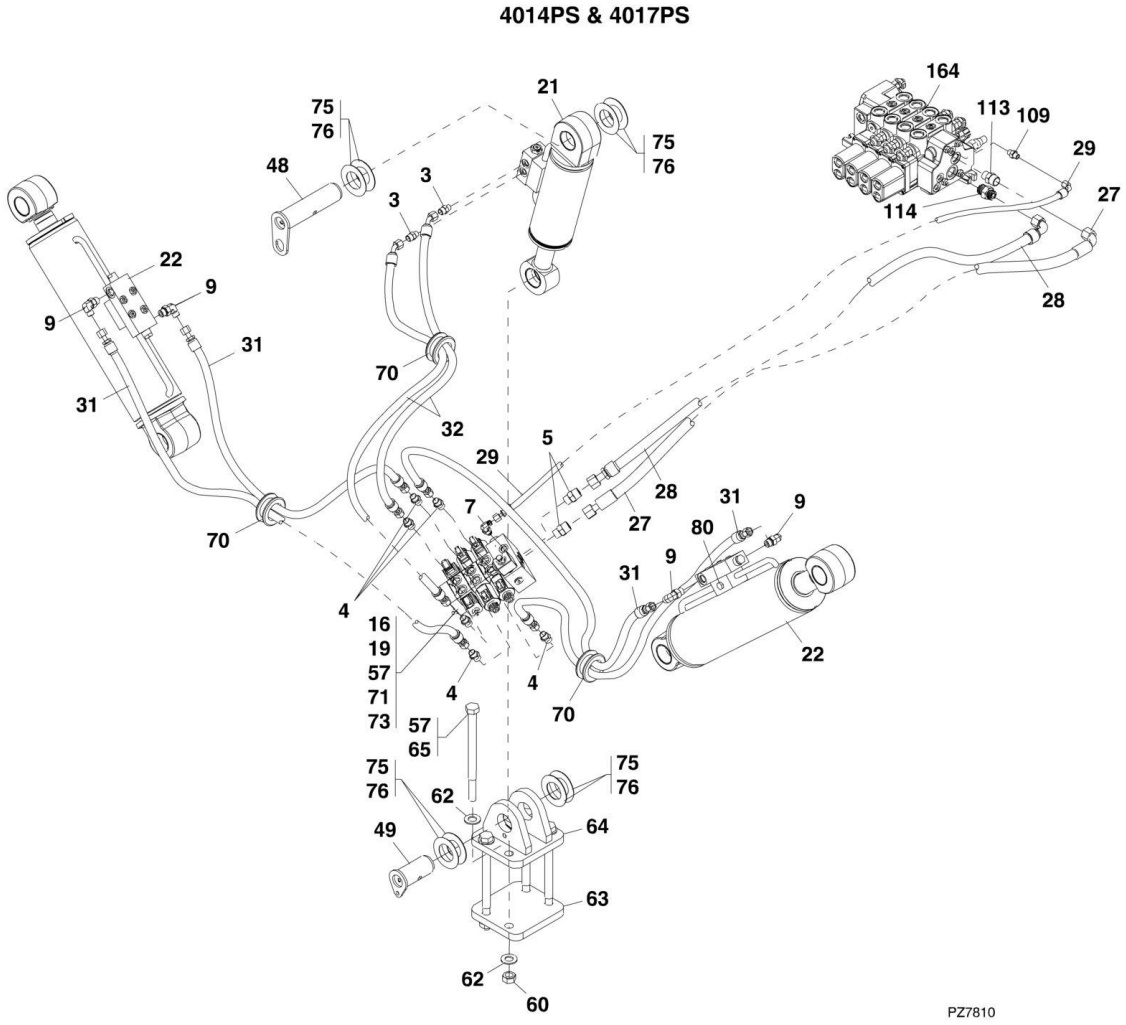


FIGURE 8-21. FRAME LEVEL AND OUTRIGGER (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
3	2110606	2	ADAPTER, CONNECTOR, (includes o-ring)	
4	2110608	6	ADAPTER, CONNECTOR, (includes o-ring)	
5	2111010	2	ADAPTER, CONNECTOR, (includes o-ring)	
7	2130406	1	ADAPTER, 90, (includes o-ring)	
9	2130608	4	ADAPTER, 90, (includes o-ring)	
16		Ref	FRAME LEVEL AND OUTRIGGER VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
19	1001100379	4	STUD, 6X30mm	
21		Ref	FRAME LEVEL CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
22		Ref	OUTRIGGER CYLINDER, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
27	1001144877	1	HOSE ASSY	
28	1001144878	1	HOSE ASSY	
29	1001144879	1	HOSE ASSY	
31	1001144886	4	HOSE ASSY	
32	1001144887	2	HOSE ASSY	
48		Ref	PIN, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
49		Ref	PIN, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
57	1001095650	AR	LOCTITE 243	
60	3332011	4	HEX NUT, M20X2.5, (torque to 550 Nm/405.65 lb-ft)	
62	5242000	8	WASHER, 20mm	
63	1001002847	1	PLATE	
64	1001002849	1	BRACKET	
65	1001004121	4	HEX HD BOLT	
70	1001028308	3	GROMMET	
71	4811700	4	FLAT WASHER, 6MM	
73	3290601	4	HEX NUT, 6X1mm, (torque to 12 Nm/8.85 lb-ft)	
75	8307904	AR	SHIM	
76	8310093	AR	SHIM	
80	2220237	2	PLUG	
109	2110406	2	ADAPTER, CONNECTOR, (includes o-ring)	
113	2111010	1	ADAPTER, CONNECTOR, (includes o-ring)	
114	2111012	1	ADAPTER, CONNECTOR, (includes o-ring)	
164		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	

FIGURE 8-22. TRAILER BRAKES (33.7,37.6,37.7,3706PS,3707PS)

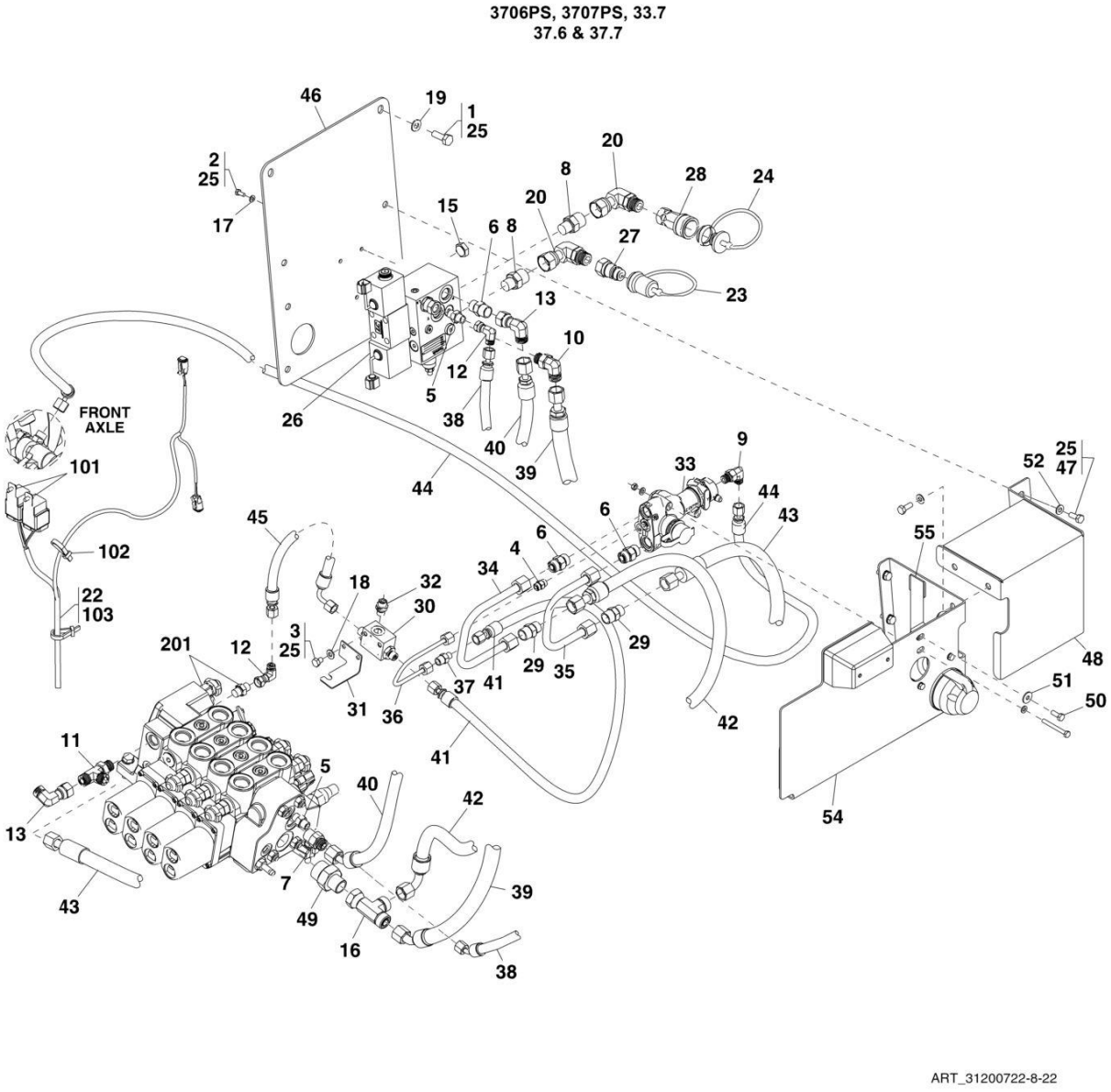


FIGURE 8-22. TRAILER BRAKES (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145729	Ref	TRAILER BRAKE INSTALLATION, HYDRAULIC (not available to order, see items 1 thru 55 for service) (37.7,3707PS)	G
	1001152606	Ref	TRAILER BRAKE INSTALLATION, HYDRAULIC (not available to order, see items 1 thru 55 for service) (37.6,3706PS)	E
1	0701014	4	HEX HD CAPSCREW, M10X30, GR8.8	
2	0760607	3	HEX HD CAPSCREW, M6X14, GR8.8	
3	0760805	2	HEX HD CAPSCREW, M8X10, GR8.8	
4	2110404	1	ADAPTER, CONNECTOR, (includes o-ring)	
5	2110406	2	ADAPTER, CONNECTOR, (includes o-ring)	
6	2110808	3	ADAPTER, CONNECTOR, (includes o-ring)	
7	2110810	1	ADAPTER, CONNECTOR, (includes o-ring)	
8	2111008	2	ADAPTER, CONNECTOR, (includes o-ring)	
9	2130406	1	ADAPTER, 90, (includes o-ring)	
10	2130808	1	ADAPTER, 90, (includes o-ring)	
11	2170308	1	ADAPTER, RUN TEE, (includes o-ring)	
12	2172104	2	ADAPTER, 90, (includes o-ring)	
13	2172108	2	ADAPTER, 90, (includes o-ring)	
16	2170708	1	ADAPTER, RUN TEE, (includes o-ring)	
17	4811700	3	WASHER, 6mm	
18	4811900	4	WASHER, 8mm	
19	4812000	3	WASHER, 10mm	
20	1001090103	2	ADAPTER, 90, (swivel nut), (includes o-ring)	
21		Ref	HYDRAULIC TRAILER BRAKE SWITCH, (not shown), (See ELECTRICAL SECTION for Breakdown)	
22	1001158830	1	TOW HITCH HARNESS INSTALLATION, (includes items 101 thru 103)	A
23	1001093826	1	DUST CAP	
24	1001093827	1	DUST PLUG	
25	1001095650	AR	LOCTITE 243	
26		Ref	COMBINATION VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
27	1001101041	1	QUICK DISCONNECT COUPLING, MALE	
28	1001101042	1	QUICK DISCONNECT COUPLING, FEMALE	
29	1001110490	2	ADAPTER, CONNECTOR, (includes o-ring)	
30	1001151257	1	DYNAMIC SELECT VALVE	
31	1001120482	1	TRAILER VALVE PLATE	
32	1001120501	1	ADAPTER, CONNECTOR, (includes o-ring)	
33		Ref	TRAILER BRAKE VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
34	1001143592	1	TRAILER BRAKE PIPE	
35	1001143593	1	TRAILER BRAKE PIPE	
36	1001143594	1	TRAILER BRAKE PIPE	
37	1001143857	1	ADAPTER, CONNECTOR, (includes o-ring)	
38	1001145732	1	HOSE ASSY (33.7,37.7,3707PS)	
38	1001152760	1	HOSE ASSY (37.6,3706PS)	
39	1001145733	1	HOSE ASSY (37.7,3707PS)	
39	1001152761	1	HOSE ASSY (37.6,3706PS)	
40	1001145734	1	HOSE ASSY (33.7,37.7,3707PS)	
40	1001152772	1	HOSE ASSY (37.6,3706PS)	
41	1001145735	1	HOSE ASSY (33.7,37.7,3707PS)	
41	1001152756	1	HOSE ASSY (37.6,3706PS)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
42	1001145736	1	HOSE ASSY (37.7,3707PS)	
42	1001152758	1	HOSE ASSY (37.6,3706PS)	
43	1001145737	1	HOSE ASSY (33.7,37.7,3707PS)	
43	1001152759	1	HOSE ASSY (37.6,3706PS)	
44	1001151816	1	HOSE ASSY (33.7,37.7,3707PS)	
44	1001158379	1	HOSE ASSY (37.6,3706PS)	
45	1001145740	1	HOSE ASSY	
46	1001159337J	1	VALVE MOUNT PLATE (37.6,37.7,3706PS,3707PS)	
47	0760810	3	HEX HD CAPSCREW, M8X20, GR8.8	
48	1001159276J	1	TRAILER SERVICES SHIELD ASSY (37.6,37.7,3706PS,3707PS)	
49	2110812	1	ADAPTER, CONNECTOR, (includes o-ring)	
50	0760608	1	HEX HD CAPSCREW, M6X16, GR8.8	
51	4811702	1	WASHER, 6mm	
52	4811902	1	WASHER, 8mm	
53	4812002	1	WASHER, 10mm, (not shown)	
54		Ref	LICENSE PLATE BRACKET, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
55	1001159279J	1	BRACKET (37.6,37.7,3706PS,3707PS)	
101	5200605	2	RIPP BOLT, M6X10mm	
102	1001008923	7	STRAP-CABLE	
103		Ref	TOW HITCH HARNESS, (See ELECTRICAL SECTION for Breakdown)	
201		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	

FIGURE 8-23. TRAILER BRAKES (33.7,37.6,37.7,3706PS,3707PS)

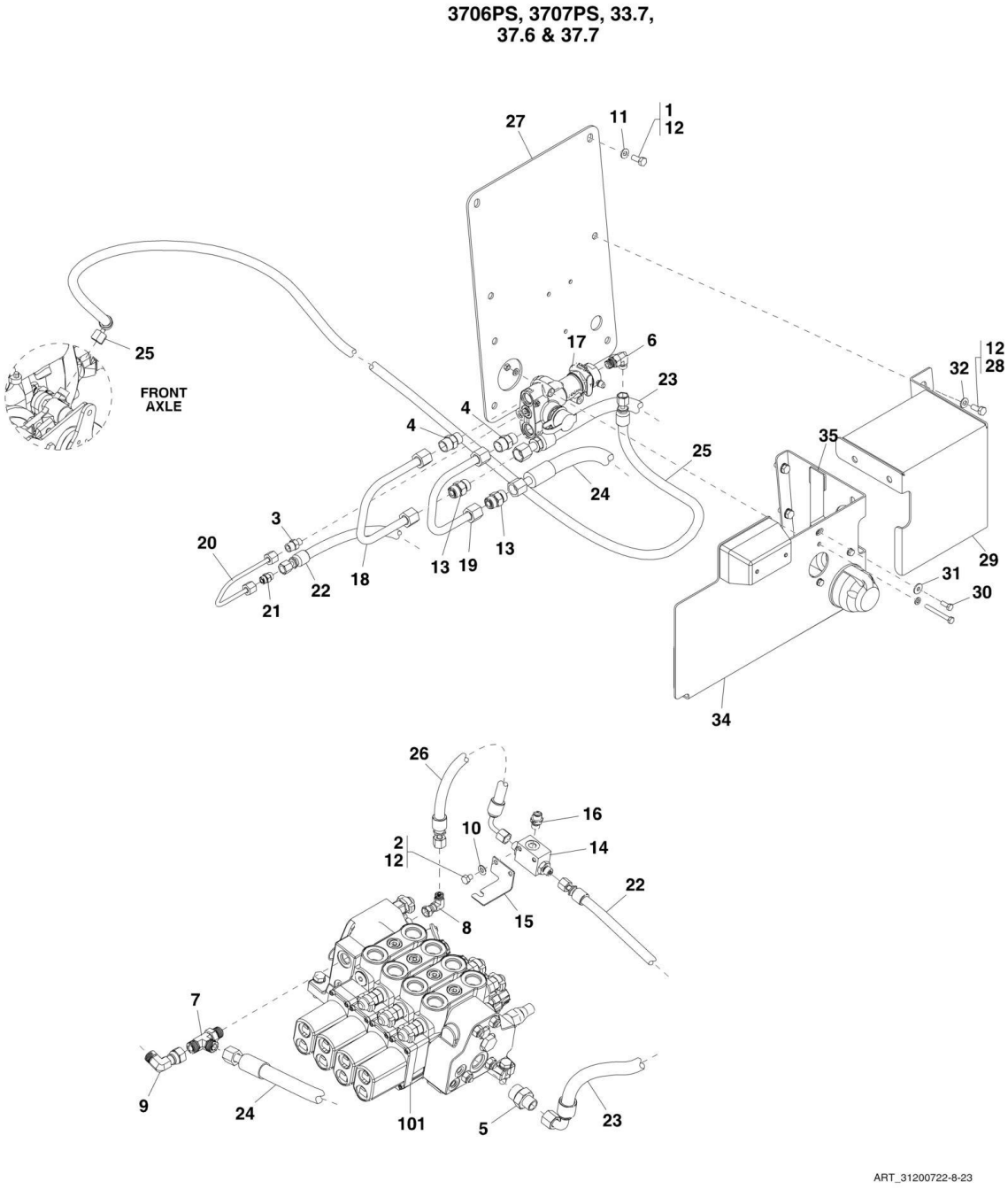


FIGURE 8-23. TRAILER BRAKES (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145730	Ref	TRAILER BRAKE INSTALLATION, MANUAL (not available to order, see items 1 thru 35 for service) (33.7,37.6,37.7,3706PS,3707PS)	E
	1001152607	Ref	TRAILER BRAKE INSTALLATION, MANUAL (not available to order, see items 1 thru 35 for service) (37.7,3706PS)	C
1	0701014	4	HEX HD CAPSCREW, M10X30, GR8.8	
2	0760805	2	HEX HD CAPSCREW, M8X10, GR8.8	
3	2110404	1	ADAPTER, CONNECTOR, (includes o-ring)	
4	2110808	2	ADAPTER, CONNECTOR, (includes o-ring)	
5	2110812	1	ADAPTER, CONNECTOR, (includes o-ring)	
6	2130406	1	ADAPTER, 90, (includes o-ring)	
7	2170308	1	ADAPTER, RUN TEE, (includes o-ring)	
8	2172104	1	ADAPTER, 90, (includes o-ring)	
9	2172108	1	ADAPTER, 90, (includes o-ring)	
10	4811900	4	WASHER, 8mm	
11	4812000	3	WASHER, 10mm	
12	1001095650	AR	LOCTITE 243	
13	1001110490	2	ADAPTER, CONNECTOR, (includes o-ring)	
14	1001151257	1	DYNAMIC SELECT VALVE	
15	1001120482	1	TRAILER VALVE PLATE	
16	1001120501	1	ADAPTER, CONNECTOR, (includes o-ring)	
17		Ref	TRAILER BRAKE VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
18	1001143592	1	TRAILER BRAKE PIPE	
19	1001143593	1	TRAILER BRAKE PIPE	
20	1001143594	1	TRAILER BRAKE PIPE	
21	1001143857	1	ADAPTER, CONNECTOR, (includes o-ring)	
22	1001145735	1	HOSE ASSY (33.7,37.7,3707PS)	
22	1001152756	1	HOSE ASSY (37.6,3706PS)	
23	1001145736	1	HOSE ASSY (33.7,37.7,3707PS)	
23	1001152758	1	HOSE ASSY (37.6,3706PS)	
24	1001145737	1	HOSE ASSY (33.7,37.7,3707PS)	
24	1001152759	1	HOSE ASSY (37.6,3706PS)	
25	1001151816	1	HOSE ASSY (33.7,37.7,3707PS)	
25	1001158379	1	HOSE ASSY (37.6,3706PS)	
26	1001145740	1	HOSE ASSY	
27	1001159337J	1	VALVE MOUNT PLATE	
28	0760810	1	HEX HD CAPSCREW, M8X20, GR8.8	
29	1001159276J	1	TRAILER SERVICES SHIELD ASSY	
30	0760608	1	HEX HD CAPSCREW, M6X16, GR8.8	
31	4811702	1	WASHER, 6mm	
32	4811902	1	WASHER, 8mm	
33	4812002	1	WASHER, 10mm, (not shown)	
34		Ref	LICENSE PLATE BRACKET, (See FRAME AND ATTACHING PARTS for Breakdown)	
35	1001159279J	1	BRACKET	
101		Ref	MAIN CONTROL VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	

FIGURE 8-24. TRAILER BRAKES (33.7,37.6,37.7,3706PS,3707PS)

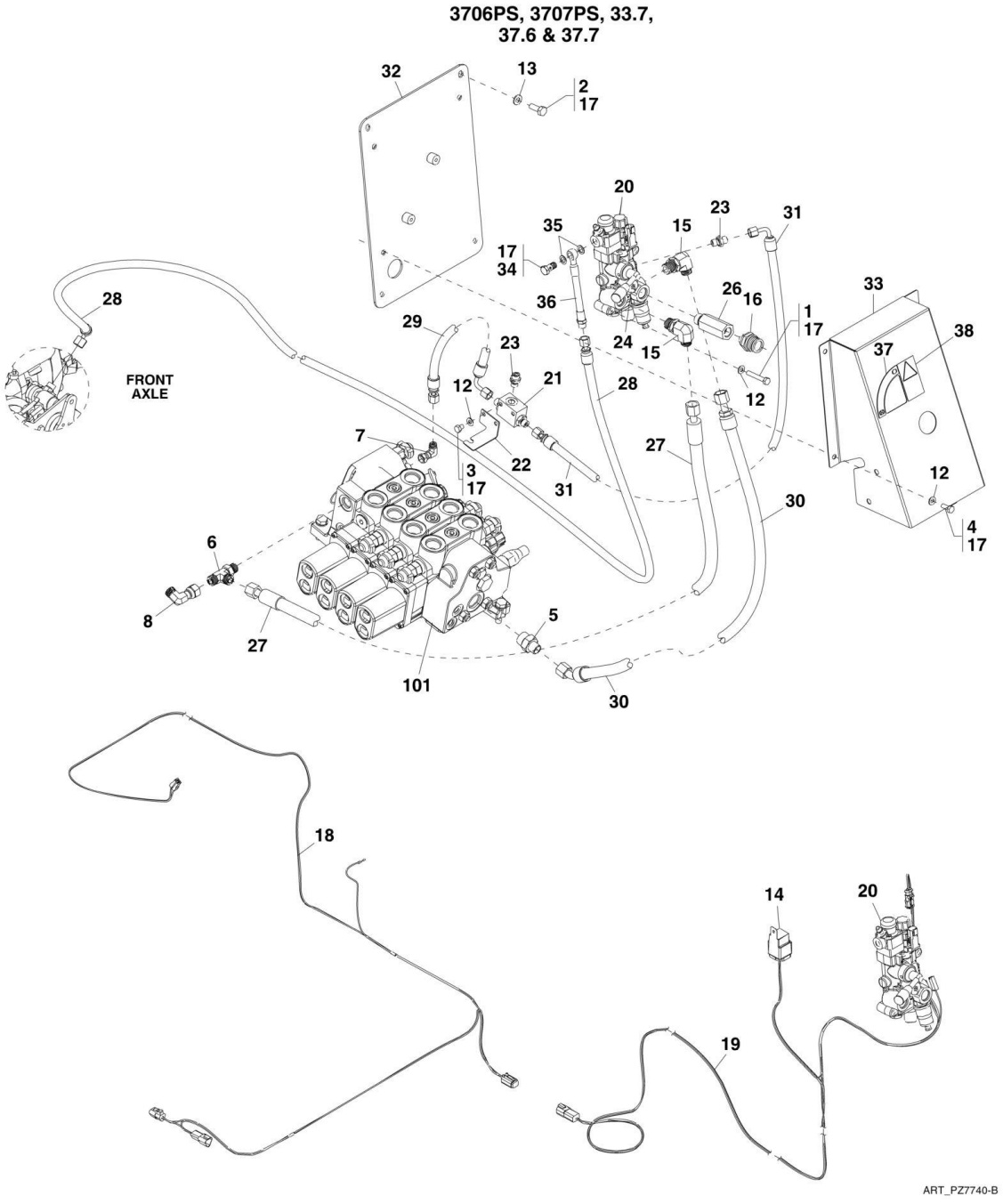


FIGURE 8-24. TRAILER BRAKES (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145731	Ref	TRAILER BRAKE INSTALLATION, ITALIAN (not available to order, see items 1 thru 38 for service) (33.7,37.7,3707PS)	F
	1001152608	Ref	TRAILER BRAKE INSTALLATION, ITALIAN (not available to order, see items 1 thru 38 for service) (37.6,3706PS)	C
1	0700818	2	HEX HD CAPSCREW, M8X50, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
2	0701013	4	HEX HD CAPSCREW, M10X28, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
3	0760805	2	HEX HD CAPSCREW, M8X10, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
4	0760810	3	HEX HD CAPSCREW, M8X20, GR8.8, (torque to 28 Nm/20.65 lb-ft)	
5	2110812	1	ADAPTER, CONNECTOR, (includes o-ring)	
6	2170308	1	ADAPTER, RUN TEE, (includes o-ring)	
7	2172104	1	ADAPTER, 90, (includes o-ring)	
8	2172108	1	ADAPTER, 90, (includes o-ring)	
9		Ref	BODY INDICATOR, (not shown), (See ELECTRICAL SECTION for Breakdown)	
10		Ref	TRAILER PARK BRAKE INDICATOR, (not shown), (See ELECTRICAL SECTION for Breakdown)	
11		Ref	BLANK SYMBOL PLATE, BLACK, (not shown), (See ELECTRICAL SECTION for Breakdown)	
12	4811900	7	WASHER, 8mm	
13	4812000	4	WASHER, 10mm	
14	5200605	1	RIPP BOLT, M6X10mm	
15	8770175	2	ADAPTER, 90, (includes o-ring)	
16	1001005893	1	BRAKE COUPLER	
17	1001095650	AR	LOCTITE 243	
18		Ref	TRAILER BRAKE CAB HARNESS, ITALIAN, (See ELECTRICAL SECTION for Breakdown)	
19		Ref	TRAILER BRAKE CHASSIS HARNESS, ITALIAN, (See ELECTRICAL SECTION for Breakdown)	
20		Ref	TRAILER BRAKE VALVE, ITALIAN, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
21		Ref	DYNAMIC SELECT VALVE, ITALIAN, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
22	1001120482	1	TRAILER VALVE PLATE	
23	1001120501	2	ADAPTER, CONNECTOR, (includes o-ring)	
24	1001120505	1	ADAPTER, PLUG	
26	1001120602	1	ADAPTER, CONNECTOR, (includes o-ring)	
27	1001145737	1	HOSE ASSY (33.7,37.7,3707PS)	
27	1001152783	1	HOSE ASSY (37.6,3706PS)	
28	1001151816	1	HOSE ASSY (33.7,37.7,3707PS)	
28	1001152781	1	HOSE ASSY (37.6,3706PS)	
29	1001145740	1	HOSE ASSY	
30	1001145742	1	HOSE ASSY (33.7,37.7,3707PS)	
30	1001152782	1	HOSE ASSY (37.6,3706PS)	
31	1001145743	1	HOSE ASSY (33.7,37.7,3707PS)	
31	1001152780	1	HOSE ASSY (37.6,3706PS)	
32	1001120399J	1	TRAILER VALVE MOUNT PLATE	
33	1001149025J	1	TRAILER VALVE COVER	
34	0630609	1	HOLLOW BOLT, M12X1.25	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
35	4740566	2	COPPER WASHER, M12	
36	1001149050	1	HOSE ASSY	
37	1001120652	1	DECAL, TRAILER VALVE COVER	
38	1001151489	1	DECAL, TRAILER VALVE COVER	

FIGURE 8-25. TRAILER BRAKES (33.7,37.6,37.7,3706PS,3707PS)

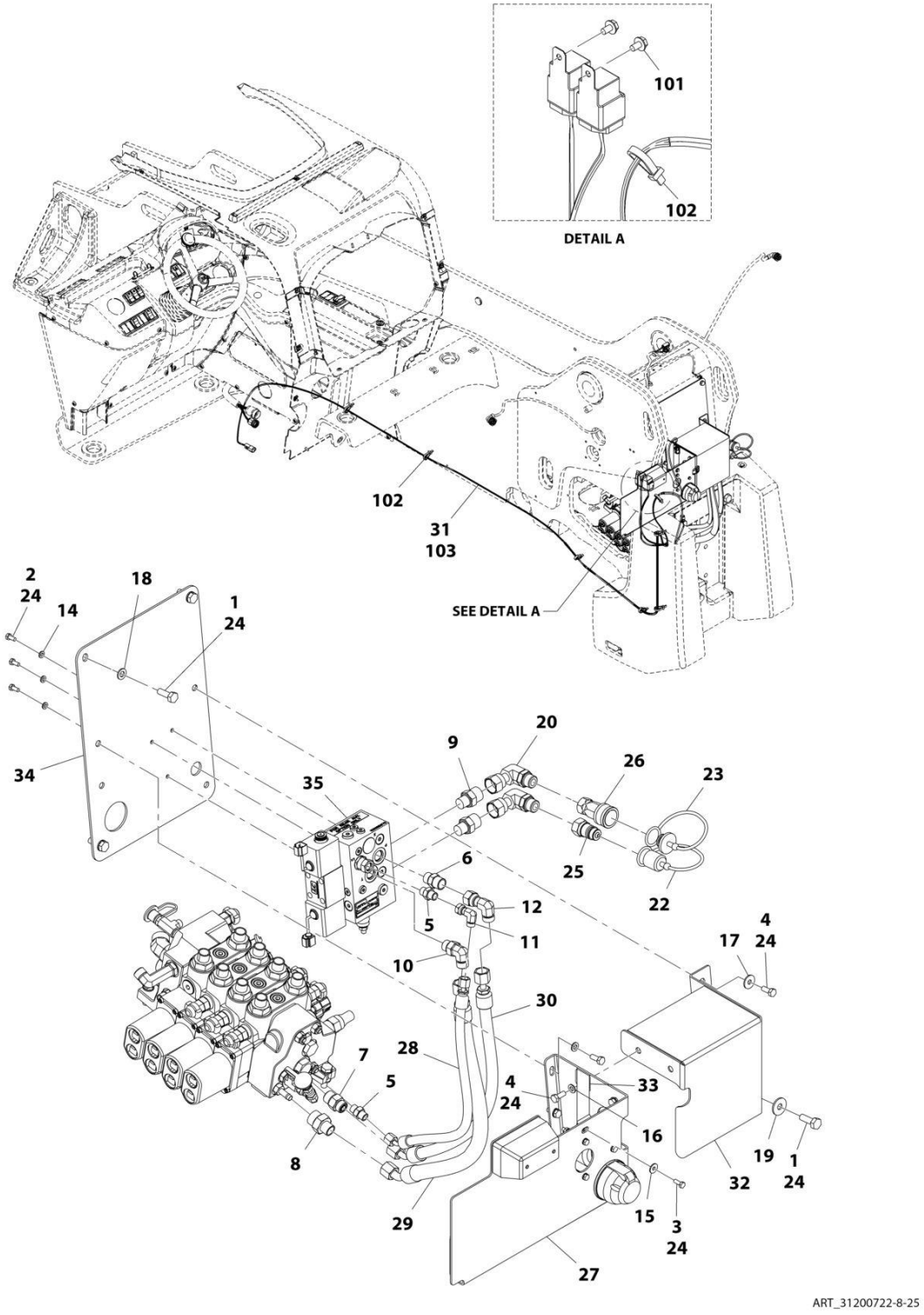
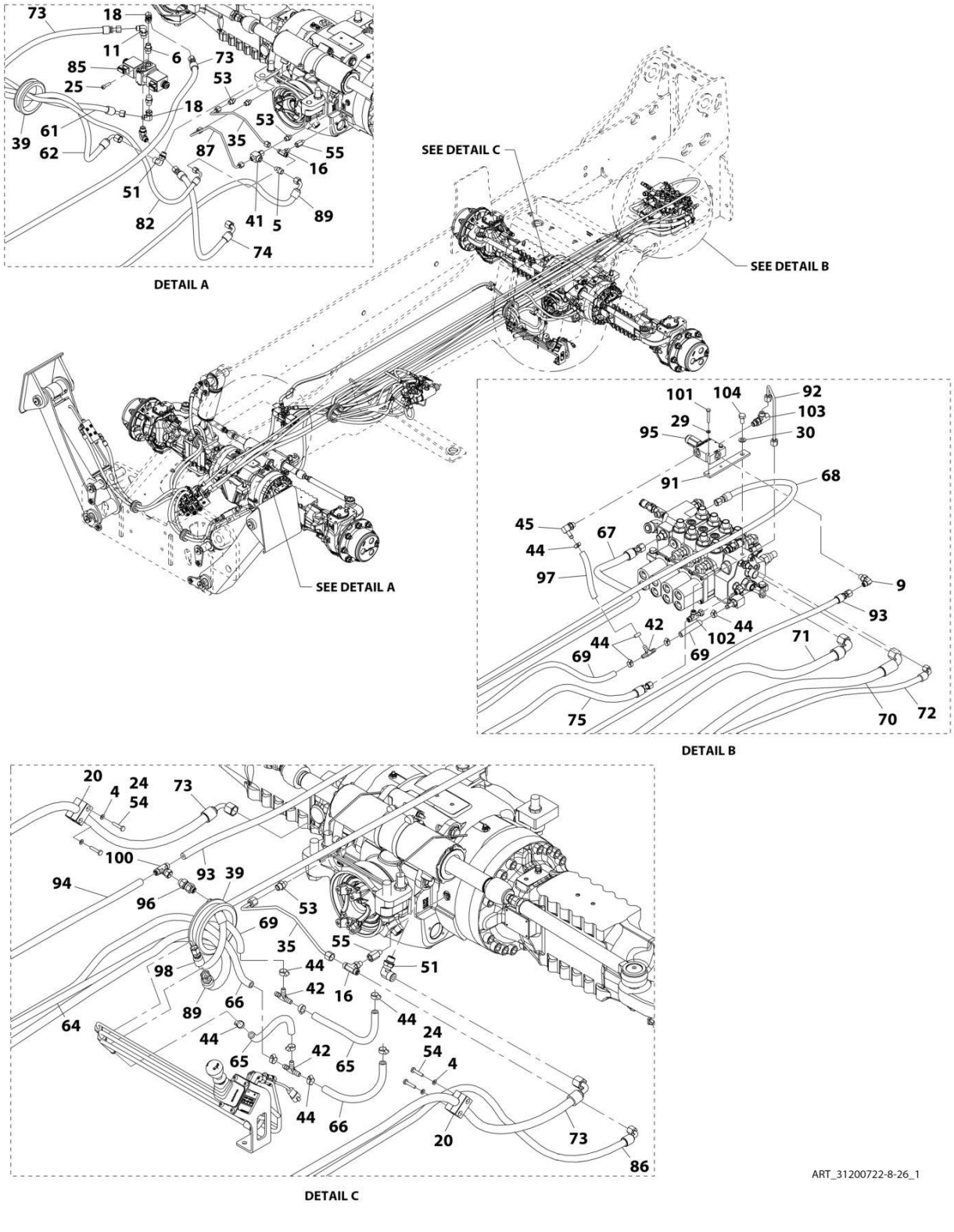
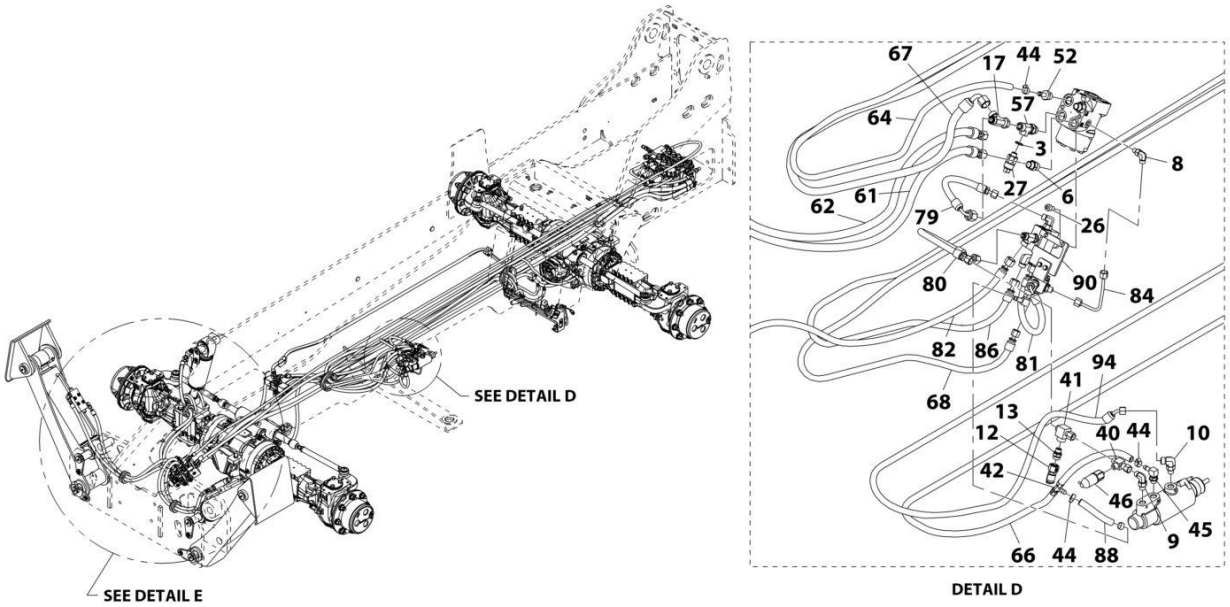


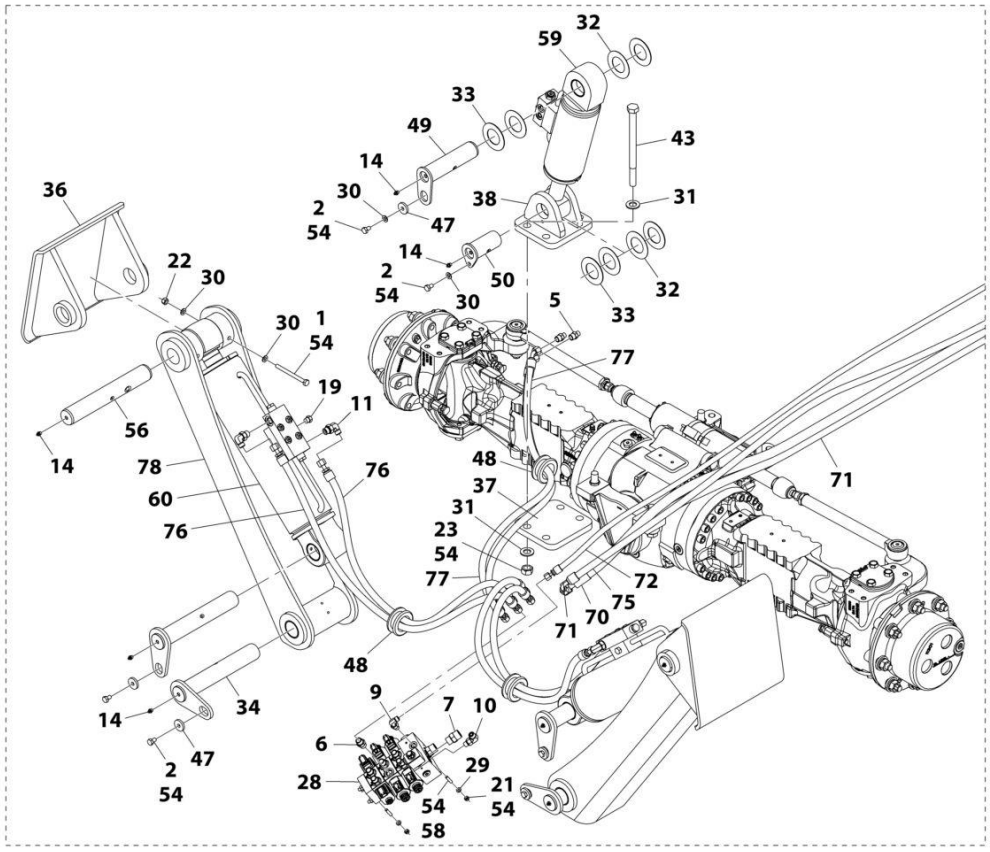
FIGURE 8-25. TRAILER BRAKES (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165873	Ref	TRAILER BRAKE INSTALLATION (if equipped with Rear Auxiliary) (includes all items) (37.6,3706PS)	C
	1001165874	Ref	TRAILER BRAKE INSTALLATION (if equipped with Rear Auxiliary) (includes all items) (37.7,3707PS)	C
1	0701014	4	HEX HD CAPSCREW, M10X30, GR8.8	
2	0760607	3	HEX HD CAPSCREW, M6X14, GR8.8	
3	0760608	1	HEX HD CAPSCREW, M6X16, GR8.8	
4	0760810	3	HEX HD CAPSCREW, M8X20, GR8.8	
5	2110406	2	ADAPTER, CONNECTOR, (includes o-ring)	
6	2110808	1	ADAPTER, CONNECTOR, (includes o-ring)	
7	2110810	1	ADAPTER, CONNECTOR, (includes o-ring)	
8	2110812	1	ADAPTER, CONNECTOR, (includes o-ring)	
9	2111008	2	ADAPTER, CONNECTOR, (includes o-ring)	
10	2130808	1	ADAPTER, 90, (includes o-ring)	
11	2172104	1	ADAPTER, 90, (includes o-ring)	
12	2172108	1	ADAPTER, 90, (includes o-ring)	
14	4811700	3	WASHER, 6mm	
15	4811702	1	WASHER, 6mm	
16	4811900	2	WASHER, 8mm	
17	4811902	1	WASHER, 8mm	
18	4812000	3	WASHER, 10mm	
19	4812002	1	WASHER, 10mm	
20	1001090103	2	ADAPTER, 90, (swivel nut), (includes o-ring)	
21		Ref	HYDRAULIC TRAILER BRAKE SWITCH, (not shown), (See ELECTRICAL SECTION for Breakdown)	
22	1001093826	1	DUST CAP	
23	1001093827	1	DUST PLUG	
24	1001095650	AR	LOCTITE 243	
25	1001101041	1	QUICK DISCONNECT COUPLING, MALE	
26	1001101042	1	QUICK DISCONNECT COUPLING, FEMALE	
27		Ref	LICENSE PLATE BRACKET, (See ENGINE AND ATTACHING PARTS SECTION for Breakdown)	
28	1001152760	1	HOSE ASSY (37.6,3706PS)	
28	1001145732	1	HOSE ASSY (33.7,37.7,3707PS)	
29	1001152761	1	HOSE ASSY (37.6,3706PS)	
29	1001145733	1	HOSE ASSY (37.7,3707PS)	
30	1001152772	1	HOSE ASSY (37.6,3706PS)	
30	1001145734	1	HOSE ASSY (33.7,37.7,3707PS)	
31	1001158830	1	TOW HITCH HARNESS INSTALLATION, (includes items 101 thru 103)	A
32	1001159276J	1	TRAILER SERVICES SHIELD ASSY (37.6,37.7,3706PS,3707PS)	
33	1001159279J	1	BRACKET (37.6,37.7,3706PS,3707PS)	
34	1001159337J	1	VALVE MOUNT PLATE (37.6,37.7,3706PS,3707PS)	
35		Ref	COMBINATION VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
101	5200605	2	RIPP BOLT, M6X10mm	
102	1001008923	12	STRAP-CABLE	
103		Ref	TOW HITCH HARNESS, (See ELECTRICAL SECTION for Breakdown)	

FIGURE 8-26. STEERING INSTALLATION (HYDRAULIC PARK BRAKE) (4014PS,4017PS)







ART_31200722-8-26_2

FIGURE 8-26. STEERING INSTALLATION (HYDRAULIC PARK BRAKE) (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156092	Ref	STEERING INSTALL (HYDRAULIC PARK BRAKE) (if equipped) (not available to order, see items 1 thru 104 for service) (4014PS)	G
	1001156093	Ref	STEERING INSTALL (HYDRAULIC PARK BRAKE) (if equipped) (not available to order, see items 1 thru 104 for service) (4017PS)	F
1	0701029	2	HEX HD CAPSCREW, M10X120, GR8.8	
2	0761008	6	HEX HD CAPSCREW, M10X16, GR8.8	
3	1074306	1	RING SEAL	
4	1302325	4	DISK	
5	2110606	3	ADAPTER, CONNECTOR, (includes o-ring)	
6	2110608	10	ADAPTER, CONNECTOR, (includes o-ring)	
7	2111010	2	ADAPTER, CONNECTOR, (includes o-ring)	
8	2130404	1	ELBOW, 90, (includes o-ring)	
9	2130406	3	ADAPTER, 90, (includes o-ring)	
10	2130606	2	ADAPTER, 90, (includes o-ring)	
11	2130608	6	ELBOW, 90, (includes o-ring)	
12	2144104	1	TEST PORT	
13	2144803	1	ADAPTER, CONNECTOR	
14	2160016	8	GREASE FITTING	
16	2170404	2	BRANCH TEE, (includes o-ring)	
17	2170708	1	BRANCH TEE, (includes o-ring)	
18	2172106	2	ELBOW, 90, (includes o-ring)	
19	2220237	2	PLUG	
20	2997586	2	CLIP BODY	
21	3290601	4	HEX NUT, M6X1	
22	3291005	2	HEX LOCKNUT, M10X1.5	
23	3332011	4	HEX NUT, M20X2-1/2	
24	4010614	4	PAN HD SCREW, M6X30	
25	4031910	2	SOCKET HD CAPSCREW, 8X30mm	
26	4032007	2	SOCKET HD CAPSCREW, 10X16mm	
27	4360585	1	PRESSURE SWITCH	
28	4641516	1	OUTRIGGER AND FRAME LEVEL VALVE	
29	4811700	6	WASHER, 6mm	
30	4812000	7	WASHER, 10mm	
31	5242000	8	WASHER, 20mm	
32	8307904	AR	SHIM	
33	8310093	AR	SHIM	
34	1001002503	4	PIN	
35	1001002809	2	PIPE ASSY	
36	1001169243	2	STAB PAD, WELDMENT	
37	1001002847	1	PLATE	
38	1001002849	1	BRACKET	
39	1001003439	2	GROMMET	
40	1001003566	1	ADAPTER, SWIVEL TEE	
41	1001003617	2	ADAPTER, TEE, (includes o-ring)	
42	1001003934	4	TEE BARB	
43	1001004121	4	HEX HD BOLT	
44	1001004141	20	CLAMP	
45	1001005508	2	ELBOW, 90, (includes o-ring)	
46	1001006362	1	PRESSURE SWITCH	
47	1001008948	5	WASHER	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	1001028308	3	GROMMET	
49	1001092492	1	PIN	
50	1001092534	1	PIN	
51	1001094262	4	ADAPTER, 90, (includes o-ring)	
52	1001094303	1	ADAPTER	
53	1001094726	4	ADAPTER, (includes o-ring)	
54	1001095650	AR	LOCTITE 243	
55	1001099030	2	NIPPLE	
56	1001099913	2	PIN	
57	1001100108	1	RUN TEE, (includes o-ring)	
58	1001100379	4	STUD, 6X30mm	
59		Ref	FRAME LEVEL CYLINDER (See HYDRAULIC COMPONENTS SECTION for breakdown) (4014PS)	
59		Ref	FRAME LEVEL CYLINDER (See HYDRAULIC COMPONENTS SECTION for breakdown) (4017PS)	
60		Ref	OUTRIGGER CYLINDER (See HYDRAULIC COMPONENTS SECTION for breakdown) (4014PS)	
60		Ref	OUTRIGGER CYLINDER (See HYDRAULIC COMPONENTS SECTION for breakdown) (4017PS)	
61	1001144890	1	HOSE ASSY	
62	1001144889	1	HOSE ASSY	
64	1001144862	1	HOSE (4014PS)	
64	1001144888	1	HOSE (4017PS)	
65	1001144844	2	HOSE ASSY	
66	1001144864	1	HOSE (4014PS)	
66	1001144893	1	HOSE (4017PS)	
67	1001144891	1	HOSE ASSY	
68	1001144892	1	HOSE ASSY	
69	1001144876	1	HOSE	
70	1001144877	1	HOSE ASSY	
71	1001144878	1	HOSE ASSY	
72	1001144879	1	HOSE ASSY	
73	1001144883	2	HOSE ASSY	
74	1001144884	1	HOSE ASSY	
75	1001144885	1	HOSE ASSY	
76	1001144886	4	HOSE ASSY	
77	1001144887	2	HOSE ASSY	
78	1001145267	2	OUTRIGGER LEG ASSY	
79	1001152825	1	HOSE ASSY, (Hydraulic Park Brake)	
80	1001152827	1	HOSE ASSY, (Hydraulic Park Brake)	
81	1001152828	1	HOSE ASSY, (Hydraulic Park Brake)	
82	1001152891	1	HOSE ASSY (4014PS)	
82	1001154842	1	HOSE ASSY (4017PS)	
84	1001153724	1	PIPE	
85	1001153748	1	STEERING SELECT VALVE	
85	1001153811	1	HOSE ASSY (4014PS)	
86	1001154844	1	HOSE ASSY (4017PS)	
87	1001153968	1	PIPE, (Hydraulic Park Brake)	
88	1001154847	1	HOSE, BULK	
89	1001155459	1	HOSE ASSY	
90		Ref	RELAY VALVE INSTALLATION, (Hydraulic Park Brake), (See HYDRAULIC COMPONENTS SECTION for Breakdown)	

SECTION 8 - HYDRAULIC CIRCUITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
91	1001168143	1	PLATE, VALVE MOUNTING	
92	1001178672	1	PIPE	
93	1001169790	1	HOSE ASSY	
94	1001169792	1	HOSE ASSY (4014PS)	
94	1001169793	1	HOSE ASSY (4017PS)	
95	1001169801	1	VALVE, PRESSURE LIMITING 20 BAR	
96	1001169803	1	VALVE	
97	1001174580	1	HOSE, BULK	
98	1001170238	1	HOSE ASSY (4014PS)	
98	1001170429	1	HOSE ASSY (4017PS)	
100	2170804	1	ADAPTER	
101	0700616	2	HEX HD CAPSCREW, M6X40, GR8.8	
102	2170704	2	SWIVEL RUN TEE	
103	1001094498	1	ADAPTER	
104	0761010	1	HEX HD CAPSCREW, M10X20, GR8.8	

FIGURE 8-27. AUXILIARY VALVE GROUP INSTALLATION (33.7,37.6,37.7,3706PS,3707PS)

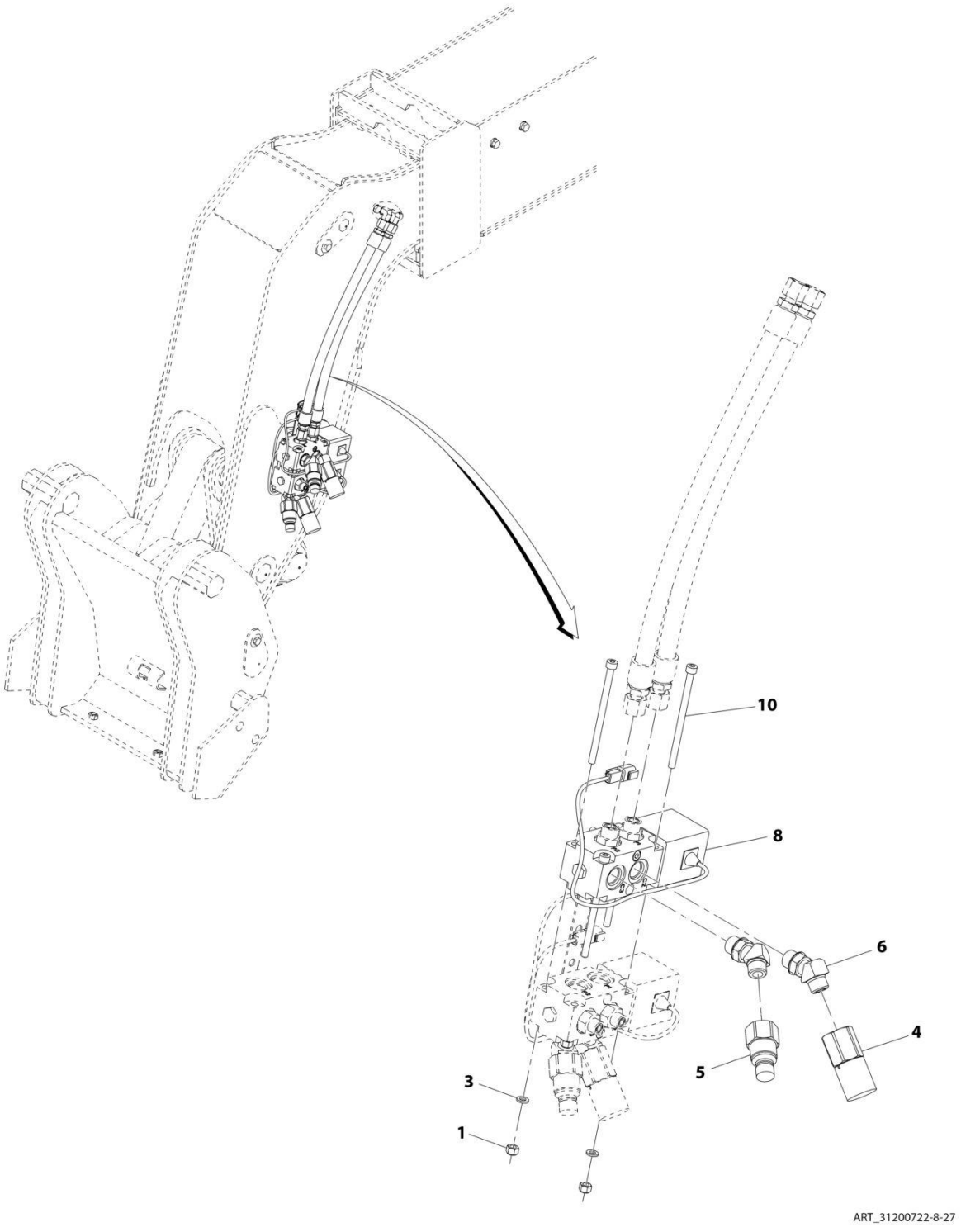


FIGURE 8-27. AUXILIARY VALVE GROUP INSTALLATION (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001110024	Ref	AUXILIARY VALVE GROUP INSTALLATION (not available to order, includes all items) **(Prior to SN 1160006848, Excluding 1160006753 and 1160006758)**	B
	1001154974	Ref	AUXILIARY VALVE GROUP INSTALLATION (not available to order, includes all items) **(SN 1160006848 to Present, Including 1160006753 and 1160006758)**	B
1	3290805	4	HEX LOCKNUT, 8mm	
3	4831900	4	SPRING LOCKWASHER, 8mm	
4	1001003478	1	QUICK DISCONNECT COUPLING, FEMALE **(Prior to SN 1160006848, Excluding 1160006753 and 1160006758)**	
4	1001101042	1	QUICK DISCONNECT COUPLING, FEMALE **(SN 1160006848 to Present, Including 1160006753 and 1160006758)**	
5	1001003479	1	QUICK DISCONNECT COUPLING, MALE **(Prior to SN 1160006848, Excluding 1160006753 and 1160006758)**	
5	1001101041	1	QUICK DISCONNECT COUPLING, MALE **(SN 1160006848 to Present, Including 1160006753 and 1160006758)**	
6	1001005904	1	ELBOW, 45	
8		Ref	DIVERTER VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
10	1001110115	4	SOCKET HEAD CAPSCREW, M8X130	

SECTION 9 - HYDRAULIC COMPONENTS

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. LIFT CYLINDER AND HARDWARE (33.7,37.6,37.7,3706PS,3707PS)

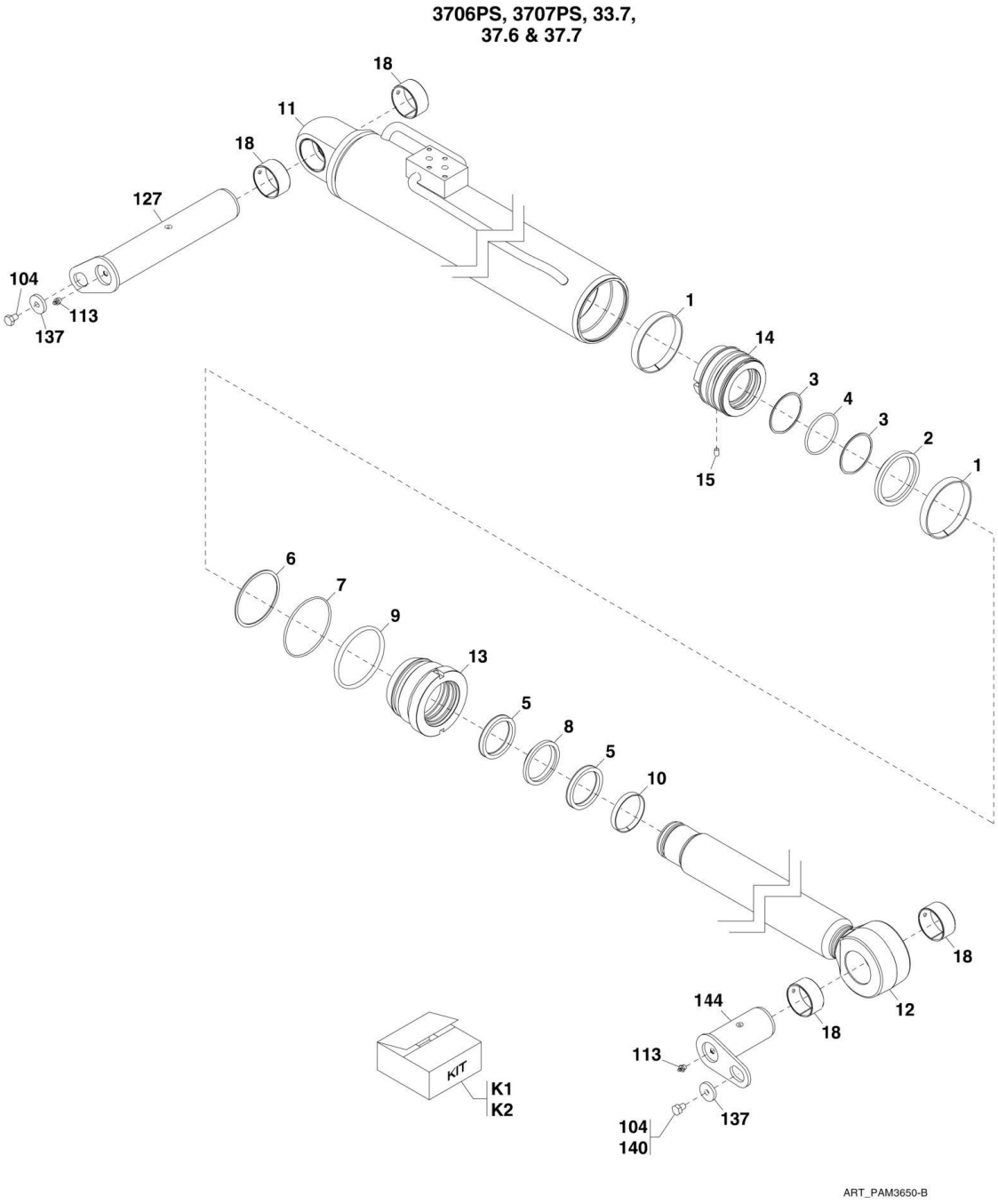


FIGURE 9-1. LIFT CYLINDER AND HARDWARE (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001110909	1	LIFT CYLINDER (includes items 1 thru 18) (37.6,3706PS)	B
	1001110910	1	LIFT CYLINDER (includes items 1 thru 18) (33.7,37.7,3707PS)	B
1	Kit	2	PISTON BEARING	
2	Kit	1	PISTON SEAL	
3	Kit	2	BACK UP RING	
4	Kit	1	O-RING	
5	Kit	2	ROD BEARING	
6	Kit	1	O-RING	
7	Kit	1	BACK UP RING	
8	Kit	1	ROD SEAL	
9	Kit	1	O-RING	
10	Kit	1	WIPER SEAL	
11	70020434	1	BARREL (37.6,3706PS)	
11	70020443	1	BARREL (33.7,37.7,3707PS)	
12	70020444	1	ROD (33.7,37.7,3707PS)	
12	70020435	1	ROD (37.6,3706PS)	
13	70020436	1	ROD GUIDE (37.6,3706PS)	
13	70020445	1	ROD GUIDE (33.7,37.7,3707PS)	
14	70020437	1	PISTON (37.6,3706PS)	
14	70020446	1	PISTON (33.7,37.7,3707PS)	
15	70020438	1	PISTON LOCKING SCREW	
18	70020441	4	BUSHING	
104	0761007	2	HEX HD CAPSCREW, M8X85, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
113	2160016	2	GREASE FITTING	
127	1001002531	1	PIN	
137	1001008948	2	WASHER	
140	1001095650	AR	LOCTITE 243	
144	1001098577	1	PIN	
K1	70020442	1	SEAL KIT, (includes items 1 thru 10) (37.6,3706PS)	
K2	70020447	1	SEAL KIT, (includes items 1 thru 10 (33.7,37.7,3707PS)	

FIGURE 9-2. LIFT CYLINDER AND HARDWARE (4014PS)

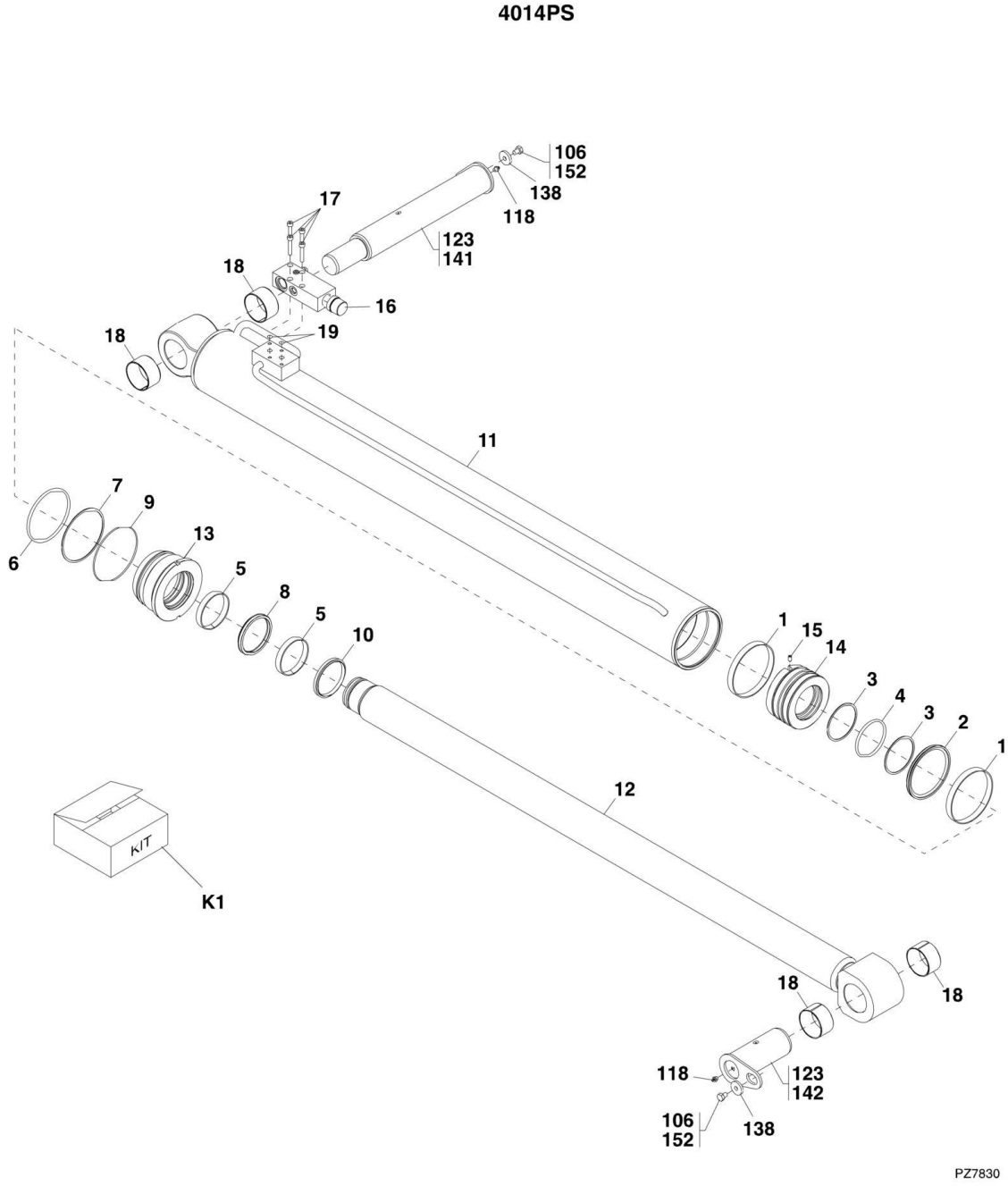


FIGURE 9-2. LIFT CYLINDER AND HARDWARE (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001002620	1	LIFT CYLINDER (includes items 1 thru 19)	E
1	Kit	2	PISTON BEARING	
2	Kit	1	PISTON SEAL	
3	Kit	2	BACK UP RING	
4	Kit	1	O-RING	
5	Kit	2	ROD BEARING	
6	Kit	1	O-RING	
7	Kit	1	BACK UP RING	
8	Kit	1	ROD SEAL	
9	Kit	1	O-RING	
10	Kit	1	WIPER SEAL	
11	70020448	1	BARREL ASSY	
12	70020449	1	ROD	
13	70020450	1	ROD GUIDE	
14	70020451	1	PISTON	
15	70020438	1	PISTON LOCKING SCREW	
16	70020439	1	VALVE BLOCK ASSY, (includes seals)	
17	70020440	4	SCREW, M8X45	
18	70020452	4	BUSHING	
19		Ref	O-RING	
106	0761007	2	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
118	2160016	2	GREASE FITING	
123	3020040	AR	MOLY PASTE LUBRICANT	
138	1001008948	2	HARD WASHER	
141	1001092463	1	PIN	
142	1001092508	1	PIN	
152	1001095650	AR	LOCTITE 243	
K1	70020453	1	SEAL KIT, (includes items 1 thru 10)	

FIGURE 9-3. LIFT CYLINDER AND HARDWARE (4017PS)

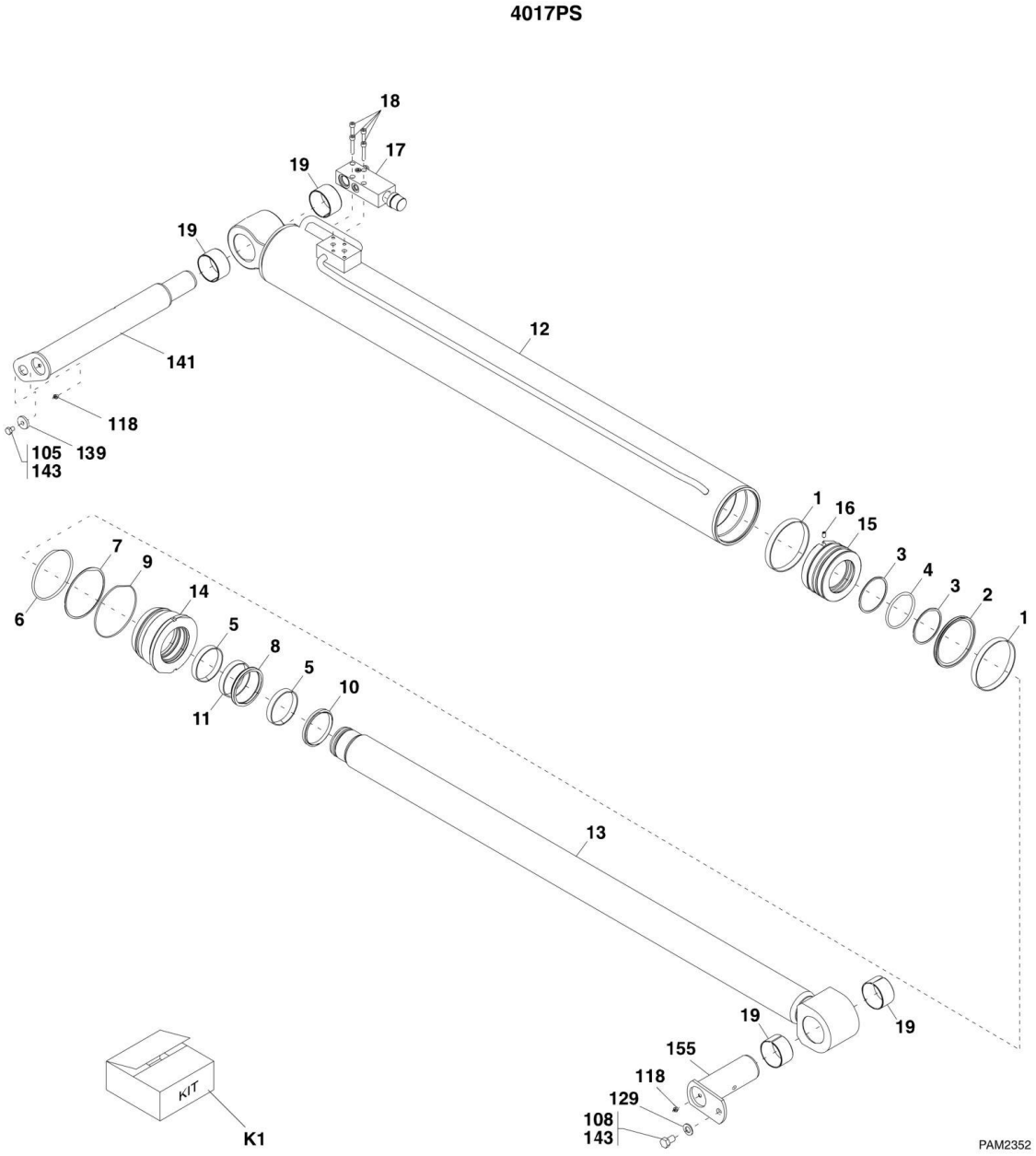


FIGURE 9-3. LIFT CYLINDER AND HARDWARE (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001114753	1	LIFT CYLINDER (includes items 1 thru 19)	B
1	Kit	2	PISTON BEARING	
2	Kit	1	PISTON SEAL	
3	Kit	2	BACK UP RING	
4	Kit	1	O-RING	
5	Kit	2	ROD BEARING	
6	Kit	1	O-RING	
7	Kit	1	BACK UP RING	
8	Kit	1	ROD SEAL	
9	Kit	1	O-RING	
10	Kit	1	WIPER SEAL	
11	Kit	1	BUFFER	
12	70020454	1	BARREL ASSY	
13	70020455	1	ROD	
14	70020456	1	ROD GUIDE	
15	70020457	1	PISTON	
16	70020438	1	PISTON LOCKING SCREW	
17	70020439	1	VALVE BLOCK ASSY, (includes seals)	
18	70020440	4	SCREW, M8X45	
19	70020452	4	BUSHING	
105	0761007	1	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
108	0761612	1	HEX HD CAPSCREW, M16X25, GR8.8, (torque to 241 Nm/177.75 lb-ft)	
118	2160016	2	GREASE FITTING	
129	5241600	1	WASHER, 16mm	
139	1001008948	1	HARD WASHER	
141	1001092494	1	PIN	
143	1001095650	AR	LOCTITE 242	
155	1001111126	1	PIN	
K1	70020458	1	SEAL KIT, (includes items 1 thru 11)	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-4. EXTEND/RETRACT CYLINDER AND HARDWARE (33.7,37.6,37.7,3706PS,3707PS)

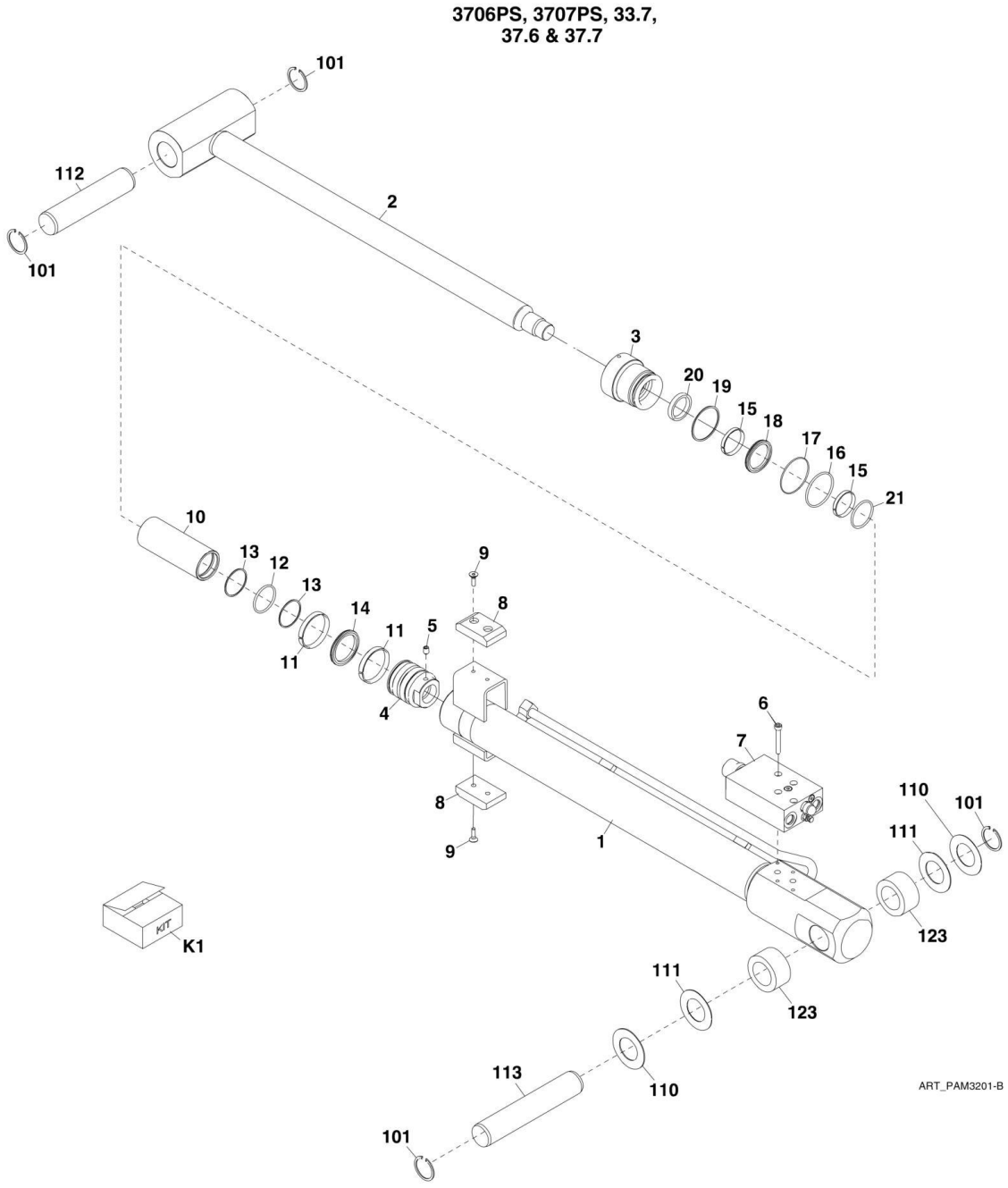


FIGURE 9-4. EXTEND/RETRACT CYLINDER AND HARDWARE (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001114783	1	EXTEND/RETRACT CYLINDER (includes items 1 thru 21) (37.6,3706PS)	C
	1001114784	1	EXTEND/RETRACT CYLINDER (includes items 1 thru 21) (33.7,37.7,3707PS)	D
1	70023911	1	BARREL (37.6,3706PS)	
1	70023922	1	BARREL (33.7,37.7,3707PS)	
2	70023912	1	ROD (37.6,3706PS)	
2	70023923	1	ROD (33.7,37.7,3707PS)	
3	70023913	1	GLAND	
4	70023914	1	PISTON	
5	70023915	1	SET SCREW, M6X8	
6	70023916	4	SCREW, M8X45	
7	1001002815	1	LOAD CONTROL VALVE	
8	70023918	2	BUFFER DISC	
9	70023919	4	SCREW, M8X25	
10	70023920	1	SPACER	
11	Kit	2	BEARING	
12	Kit	1	PISTON SEAL	
13	Kit	2	BACKUP RING	
14	Kit	1	O-RING	
15	Kit	2	ROD BEARING	
16	Kit	1	O-RING	
17	Kit	1	BACKUP RING	
18	Kit	1	ROD SEAL	
19	Kit	1	O-RING	
20	Kit	1	WIPER SEAL	
21	Kit	1	O-RING	
101	314689	4	CIRCLIP	
110	8307904	AR	SHIM	
111	8310093	AR	SHIM	
112	1001002489	1	PIN	
113	1001002498	1	PIN	
123	1001092297	2	SPACER	
K1	70023921	1	SEAL KIT, (includes items 11 thru 21)	

FIGURE 9-5. EXTEND/RETRACT CYLINDER AND HARDWARE (4014PS)

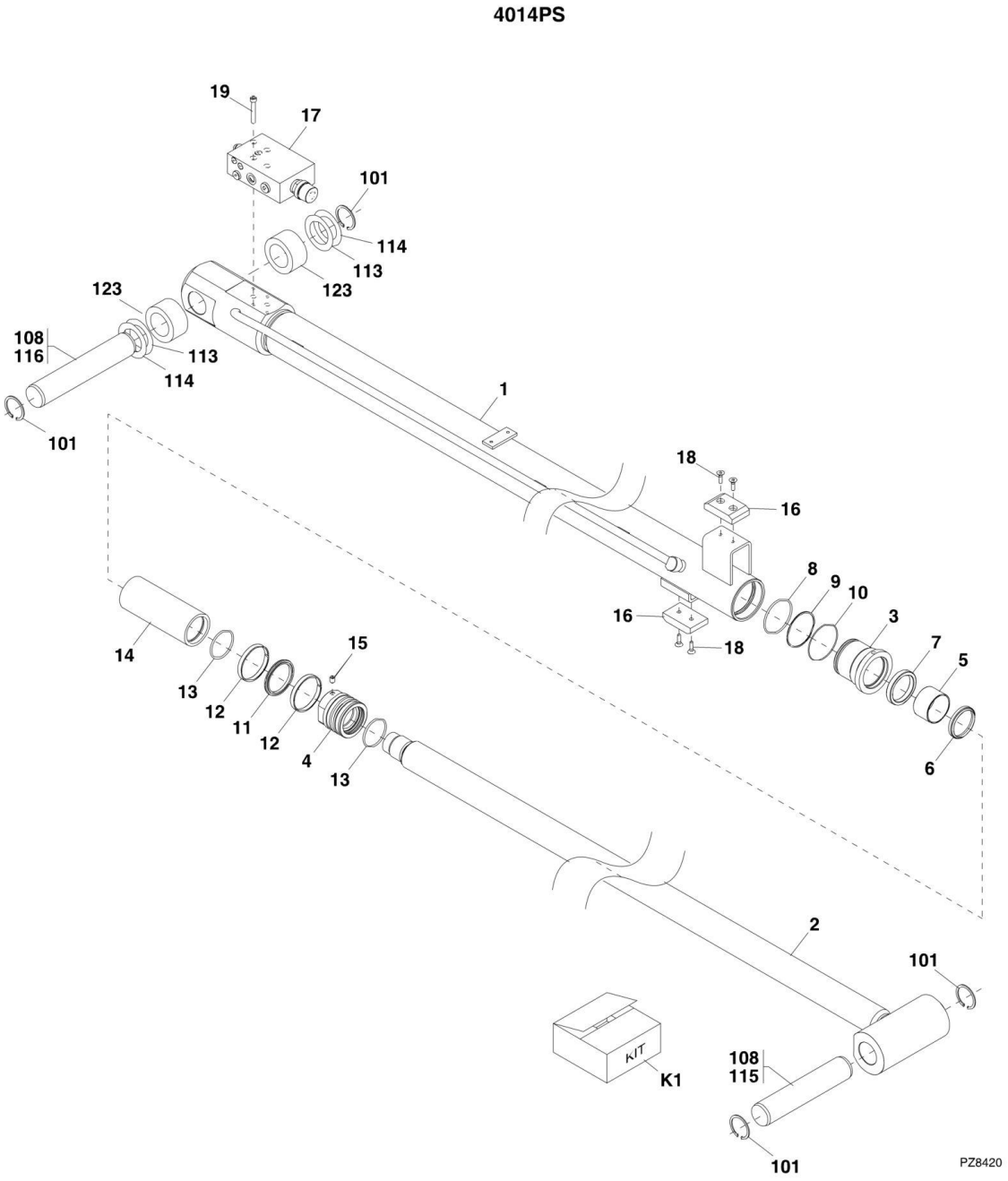


FIGURE 9-5. EXTEND/RETRACT CYLINDER AND HARDWARE (4014PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129530	1	EXTEND/RETRACT CYLINDER (includes items 1 thru 19)	B
1	70024435	1	CASE ASSY	
2	70020521	1	PISTON ROD ASSY	
3	70020522	1	GLAND ASSY, (includes item 5), (apply Delo #5249 and torque to 320-370 Nm/236.01-272.89 lb-ft)	
4	70020523	1	PISTON, (torque to 815-865 Nm/601.11-637.99 lb-ft)	
5	Kit	1	BEARING, (high strength / high temperature retaining compound)	
6	Kit	1	WIPER	
7	Kit	1	ROD SEAL	
8	Kit	1	O-RING	
9	Kit	1	BACKRING	
10	Kit	1	O-RING	
11	Kit	1	PISTON SEAL	
12	Kit	2	PISTON GUIDE RING	
13	Kit	2	O-RING	
14	70020524	1	SPACER	
15	Kit	1	SET SCREW, M10X16, (apply high strength / high temperature retaining compound and torque to 20-25 Nm/14.75-18.43 lb-ft)	
16	7029623	2	BUFFER DISC	
17	1001002815	1	LOAD CONTROL VALVE	
18	7029626	4	COUNTERSUNK SCREW, (apply high strength / high temperature retaining compound and torque to 20-25 Nm/14.75-18.43 lb-ft)	
19	70020516	4	HEX SOCKET HEAD SCREW, M8X45	
101	314689	4	RETAINING RING	
108	3020040	AR	MOLY PASTE LUBRICANT	
113	8307904	AR	SHIM, 2.0X0.048X3.0	
114	8310093	AR	SHIM, 2.0X0.075X3.50	
115	1001002489	1	PIN	
116	1001002498	1	PIN	
123	1001092297	2	SPACER TUBE	
K1	70020525	1	SEAL KIT, (includes items 5 thru 13 & item 15)	

FIGURE 9-6. EXTEND/RETRACT CYLINDER AND HARDWARE (4017PS)

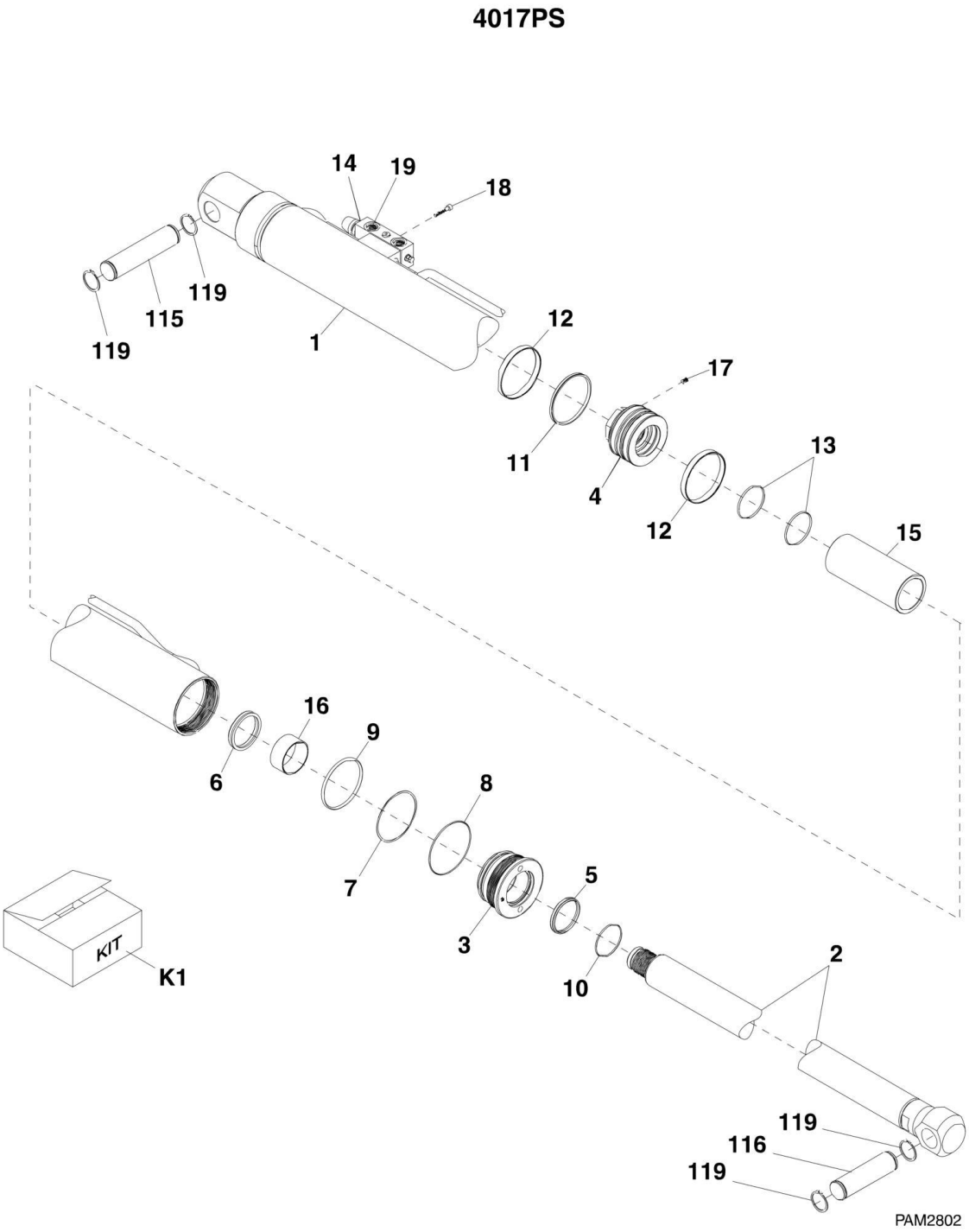


FIGURE 9-6. EXTEND/RETRACT CYLINDER AND HARDWARE (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001107509	1	EXTEND/RETRACT CYLINDER (includes items 1 thru 19)	E
1	70023088	1	CASE ASSY	
2	70023089	1	PISTON ROD ASSY	
3	70023090	1	GLAND	
4	70023091	1	PISTON	
5	Kit	1	METAL CASED SINGLE LIP WIPER	
6	Kit	1	GLAND SEAL	
7	Kit	1	BACK UP RING	
8	Kit	1	O-RING	
9	Kit	1	O-RING	
10	Kit	1	O-RING	
11	Kit	1	PISTON SEAL	
12	Kit	2	PISTON BEARING RING	
13	Kit	2	O-RING	
14	1001212358	1	LOAD CONTROL VALVE	
15	70023092	1	SPACER	
16	70023093	1	BUSHING	
17	70029940	1	SCREW	
18	70029966	4	SCREW	
19	70023094	1	O-RING	
115	3423140	1	PIN	
116	3423141	1	PIN	
119	3760493	4	RETAINING RING	
K1	70023095	1	SEAL KIT, (includes items 5 thru 13)	

FIGURE 9-7. TILT CYLINDER AND HARDWARE (33.7,37.6,37.7,3706PS,3707PS)

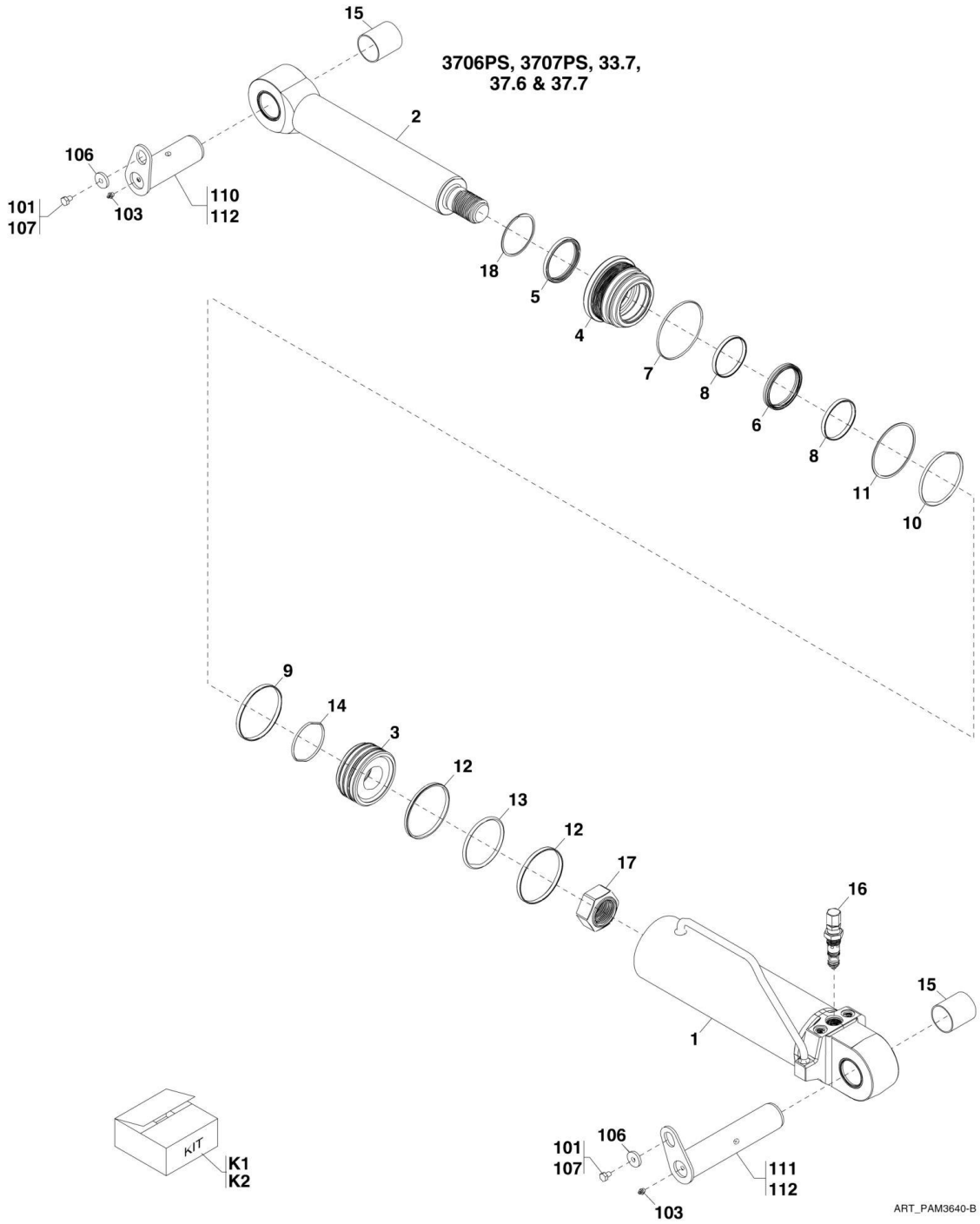


FIGURE 9-7. TILT CYLINDER AND HARDWARE (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001125308	1	TILT CYLINDER (includes items 1 thru 18) (37.6,3706PS)	C
	1001125309	1	TILT CYLINDER (includes items 1 thru 18) (33.7,37.7,3707PS)	B
1	70020579	1	BARREL (37.6,3706PS)	
1	70020584	1	BARREL (33.7,37.7,3707PS)	
2	70020580	1	ROD (37.6,3706PS)	
2	70020585	1	ROD (33.7,37.7,3707PS)	
3	70020581	1	PISTON (37.6,3706PS)	
3	70020586	1	PISTON (33.7,37.7,3707PS)	
4	70020582	1	GLAND (37.6,3706PS)	
4	70020587	1	GLAND (33.7,37.7,3707PS)	
5	Kit	1	WIPER SEAL	
6	Kit	1	GLAND SEAL	
7	Kit	1	O-RING	
8	Kit	2	WEAR RING	
9	Kit	1	O-RING	
10	Kit	1	BACKUP RING	
11	Kit	1	O-RING	
12	Kit	2	WEAR RING	
13	Kit	1	PISTON SEAL	
14	Kit	1	O-RING	
15	70021499	2	BUSHING	
16	70024108	1	LOAD CONTROL VALVE	
17	70023087	1	NUT	
18	70000699	1	SNAP RING	
101	0761007	2	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
103	2160016	2	GREASE FITTING	
106	1001008948	2	WASHER	
107	1001095650	AR	LOCTITE 243	
110	1001097127	1	PIN	
111	1001097156	1	PIN	
112	1001098457	AR	LITHIUM GREASE LUBE	
K1	70020583	1	SEAL KIT (includes items 5 thru 14) (37.6,3706PS)	
K2	70020588	1	SEAL KIT (includes items 5 thru 14) (33.7,37.7,3707PS)	

FIGURE 9-8. TILT CYLINDER AND HARDWARE (4014PS,4017PS)

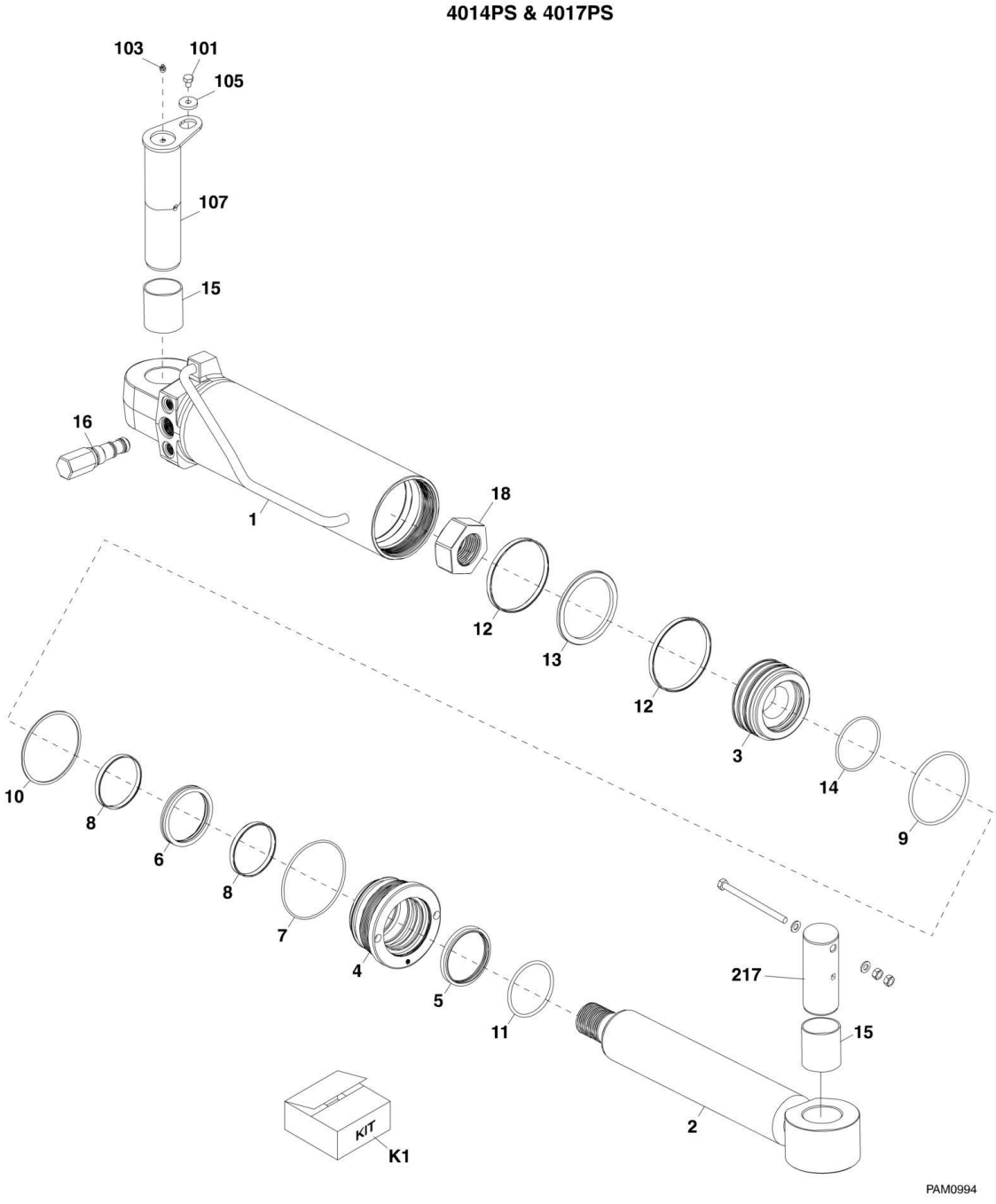


FIGURE 9-8. TILT CYLINDER AND HARDWARE (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001125310	1	TILT CYLINDER (includes items 1 thru 18)	A
1	70023083	1	BARREL ASSY	
2	70023084	1	ROD ASSY	
3	70023085	1	PISTON HEAD	
4	70020592	1	GLAND	
5	Kit	1	WIPER SEAL	
6	Kit	1	GLAND SEAL	
7	Kit	1	O-RING	
8	Kit	2	WEAR RING	
9	Kit	1	O-RING	
10	Kit	1	SEAL	
11	Kit	1	O-RING	
12	Kit	2	WEAR RING	
13	Kit	1	PISTON SEAL	
14	Kit	1	O-RING	
15	70021500	2	BUSHING	
16	70024108	1	LOAD CONTROL VALVE	
17	70023086	1	SNAP RING, (not shown)	
18	70023087	1	NUT	
101	0761007	1	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 50 Nm/36.87 lb-ft)	
103	2160016	1	GREASE FITTING	
105	1001008948	1	HARD WASHER	
107	1001097560	1	PIN	
217		Ref	PIN AND HARDWARE	
K1	70020593	1	SEAL KIT, (includes items 5 thru 14)	

FIGURE 9-9. COMPENSATION CYLINDER AND HARDWARE (33.7,37.6,37.7,3706PS,3707PS)

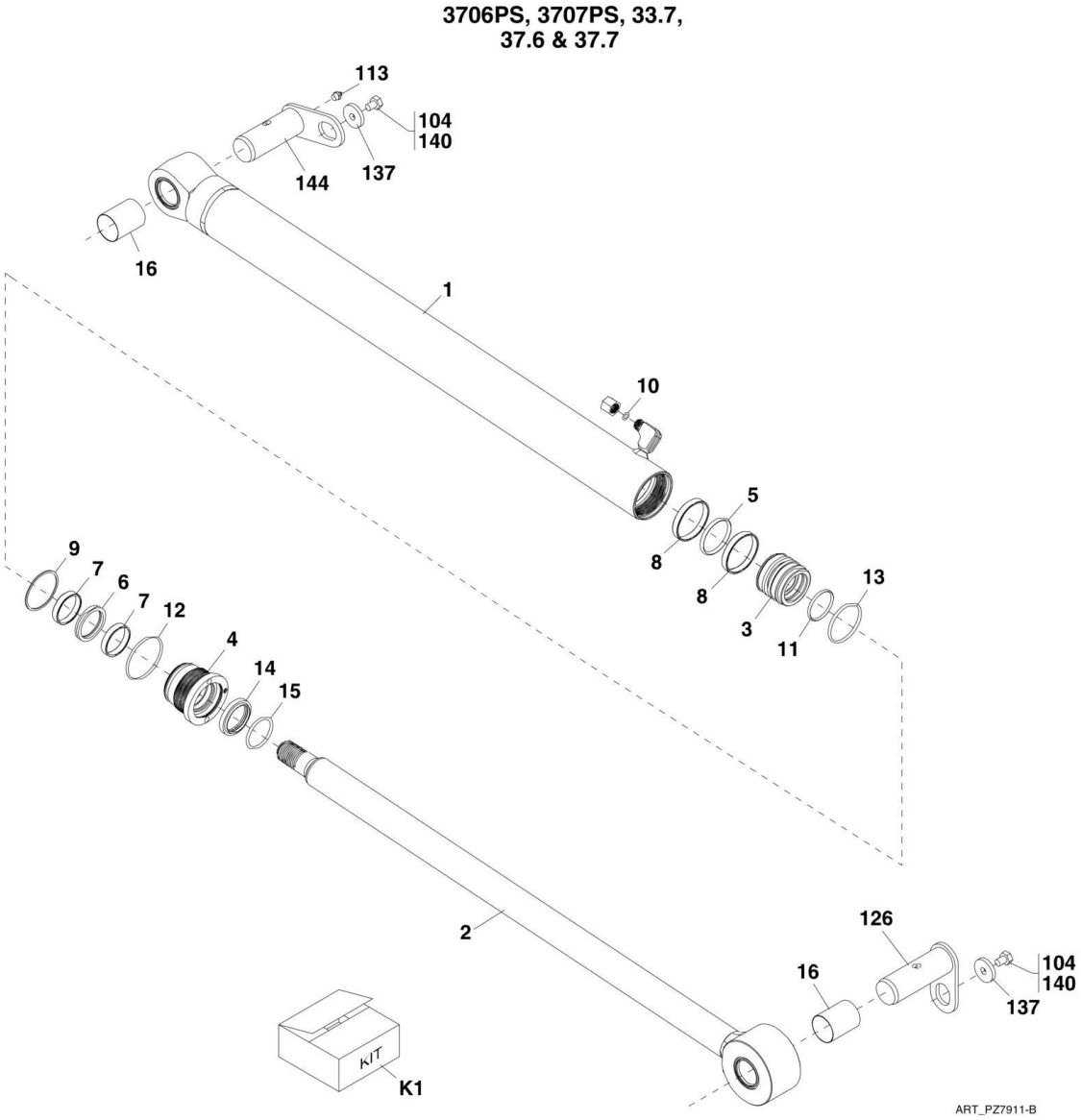


FIGURE 9-9. COMPENSATION CYLINDER AND HARDWARE (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001002680	1	COMPENSATION CYLINDER (includes items 1 thru 16)	D
1	70020599	1	BARREL ASSY	
2	70020600	1	ROD ASSY	
3	70020601	1	PISTON HEAD	
4	70020602	1	GLAND	
5	Kit	1	PISTON SEAL	
6	Kit	1	GLAND SEAL	
7	Kit	2	ROD SEAL	
8	Kit	2	WEAR RING	
9	Kit	1	BACK-UP RING	
10	Kit	1	O-RING	
11	Kit	1	O-RING	
12	Kit	1	O-RING	
13	Kit	1	O-RING	
14	Kit	1	WIPER SEAL	
15	Kit	1	O-RING	
16	70021497	2	BUSHING	
104	0761007	2	HEX HD CAPSCREW, 10X14 MM, GR8.8, (torque to 55 Nm/41 lb-ft)	
113	2160016	1	GREASE FITTING, STRAIGHT	
126	1001002530	1	PIN	
137	1001008948	2	HARD WASHER	
140	1001095650	AR	LOCTITE 243	
144	1001098524	1	PIN	
K1	70020603	1	SEAL KIT, (includes items 5 thru 15)	

FIGURE 9-10. COMPENSATION CYLINDER AND HARDWARE (4014PS,4017PS)

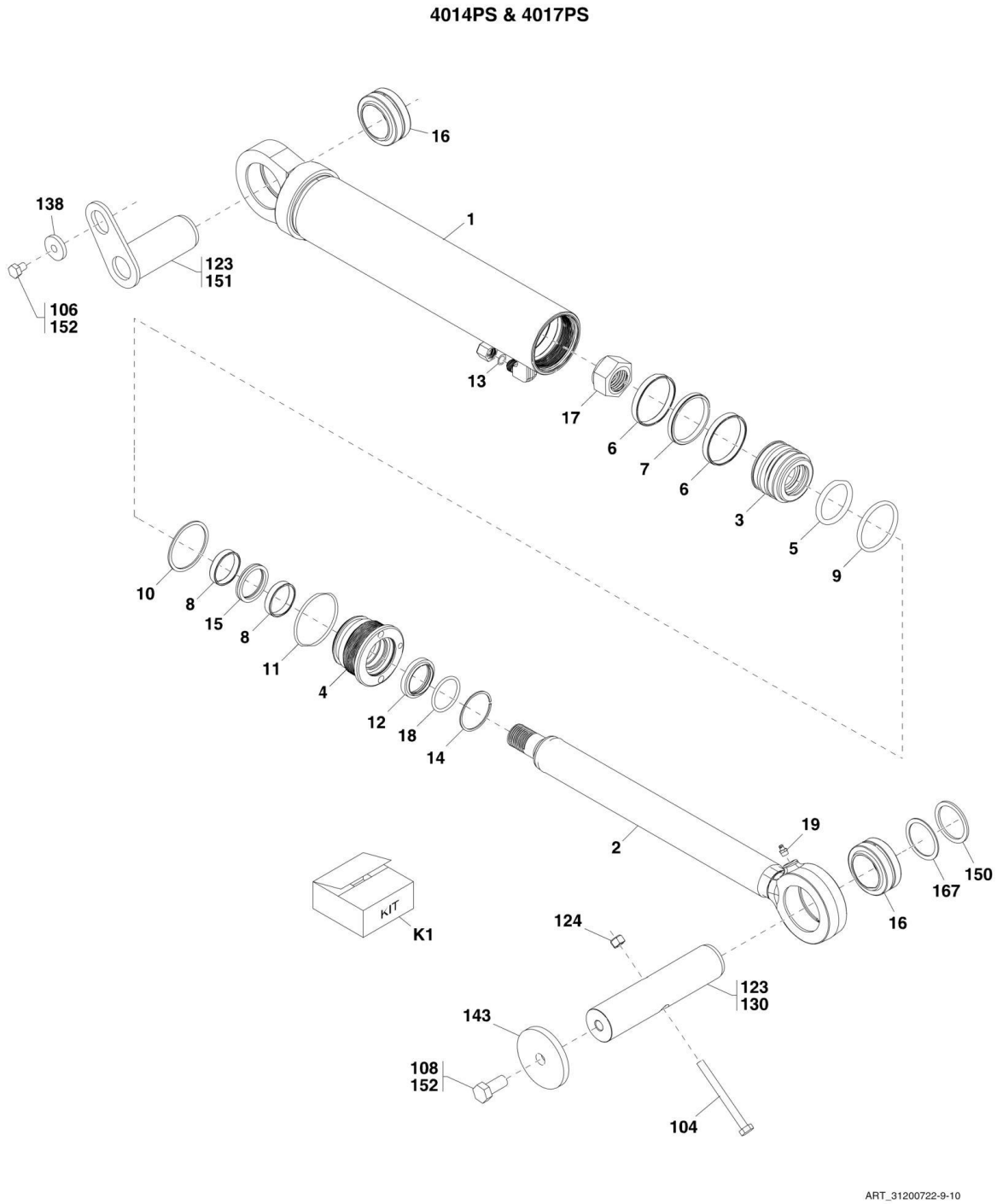


FIGURE 9-10. COMPENSATION CYLINDER AND HARDWARE (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001115037	1	COMPENSATION CYLINDER (includes items 1 thru 19) (4014PS,4017PS)	A
1	70023098	1	BARREL ASSY	
2	70023099	1	ROD ASSY	
3	70021863	1	PISTON HEAD	
4	70021864	1	GLAND	
5	Kit	1	O-RING	
6	Kit	2	PISTON BEARING RING	
7	Kit	1	PISTON SEAL	
8	Kit	2	ROD BEARING RING	
9	Kit	1	O-RING	
10	Kit	1	BACK UP RING	
11	Kit	1	O-RING	
12	Kit	1	METAL CASED DOUBLE LIP WIPER	
13	Kit	1	O-RING	
14	Kit	1	O-RING	
15	Kit	1	GLAND SEAL	
16	70021498	2	BUSHING	
17	70023100	1	NUT	
18	70023101	1	SNAP RING	
19	70029941	2	STRAIGHT GREASE NIPPLE	
104	0701028	1	HEX HD CAPSCREW, M10X110, GR8.8, (torque to 50Nm/36.87 lb-ft), (4014PS)	
106	0761007	1	HEX HD CAPSCREW, M10X14, GR8.8, (torque to 55Nm/40.56 lb-ft)	
107	0761210	1	HEX HD CAPSCREW, M12X20, GR8.8, (torque to 90 Nm/66 lb-ft), (4017PS), (not shown)	
108	0761615	1	HEX HD CAPSCREW, M16X35, GR8.8, (torque to 55Nm/40.56 lb-ft), (4014PS)	
123	3020040	AR	MOLY PASTE LUBRICANT	
124	3291005	1	HEX LOCKNUT, M10X1.5 (4014PS)	
128	5241200	1	WASHER, 12mm (not shown) (4017PS)	
130	1001137974	1	PIN (4014PS)	
138	1001008948	1	HARD WASHER	
143	1001137363	1	RETENTION WASHER (4014PS)	
150	1001139140	1	RING, SUPPORT (4014PS)	
151	1001095400	1	PIN	
152	1001095650	AR	LOCTITE 243	
156	1001111152	1	PIN, (4017PS), (not shown)	
167	1001139103	AR	SHIM, 50X62X1.5mm (4014PS)	
K1	70021862	1	SEAL KIT, (includes items 5 thru 15)	

FIGURE 9-11. FRAME LEVEL CYLINDER AND HARDWARE (4014PS,4017PS)

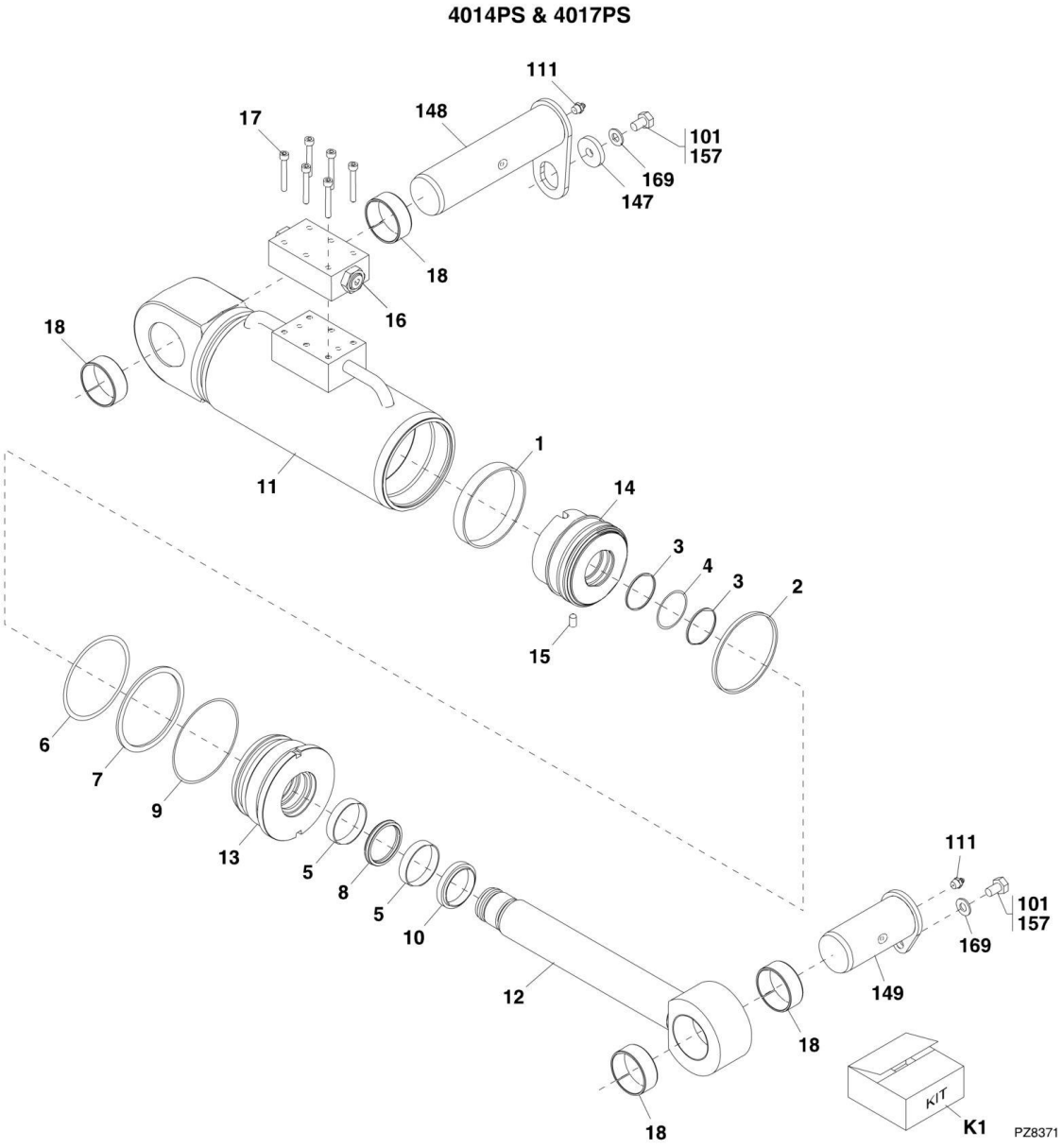


FIGURE 9-11. FRAME LEVEL CYLINDER AND HARDWARE (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001115040	1	FRAME LEVEL CYLINDER (includes items 1 thru 18) (4014PS)	A
	1001115710	1	FRAME LEVEL CYLINDER (includes items 1 thru 18) (4017PS)	A
1	Kit	1	PISTON BEARING	
2	Kit	1	PISTON SEAL	
3	Kit	2	BACK UP RING	
4	Kit	1	O-RING	
5	Kit	1	BACK UP RING	
6	Kit	1	O-RING	
7	Kit	1	BACK UP RING	
8	Kit	1	ROD SEAL	
9	Kit	1	O-RING	
10	Kit	1	WIPER SEAL	
11	70024220	1	BARREL ASSY (4014PS)	
11	70024241	1	BARREL ASSY (4017PS)	
12	70024242	1	ROD	
13	70020461	1	ROD GUIDE (4014PS)	
13	70020468	1	ROD GUIDE (4017PS)	
14	70020462	1	PISTON (4014PS)	
14	70020469	1	PISTON (4017PS)	
15	70020438	1	PISTON LOCKING SCREW	
16	1001092075	1	VALVE BLOCK ASSY, (includes seals)	
17	70020464	6	SCREW, M6X45	
18	70020465	4	BUSHING	
101	0761008	2	HEX HD CAPSCREW, M10X16, GR8.8, (torque to 55Nm/40.56 lb-ft)	
111	2160016	2	GREASE FITTING	
147	1001008948	2	HARD WASHER	
148	1001092492	1	PIN	
149	1001092534	1	PIN	
157	1001095650	AR	LOCTITE 243	
169	4812000	2	WASHER, 10mm	
K1	70020466	1	SEAL KIT, (includes items 1 thru 10) (4014PS)	
K1	70020470	1	SEAL KIT, (includes items 1 thru 10) (4017PS)	

FIGURE 9-12. OUTRIGGER CYLINDER AND HARDWARE (4014PS,4017PS)

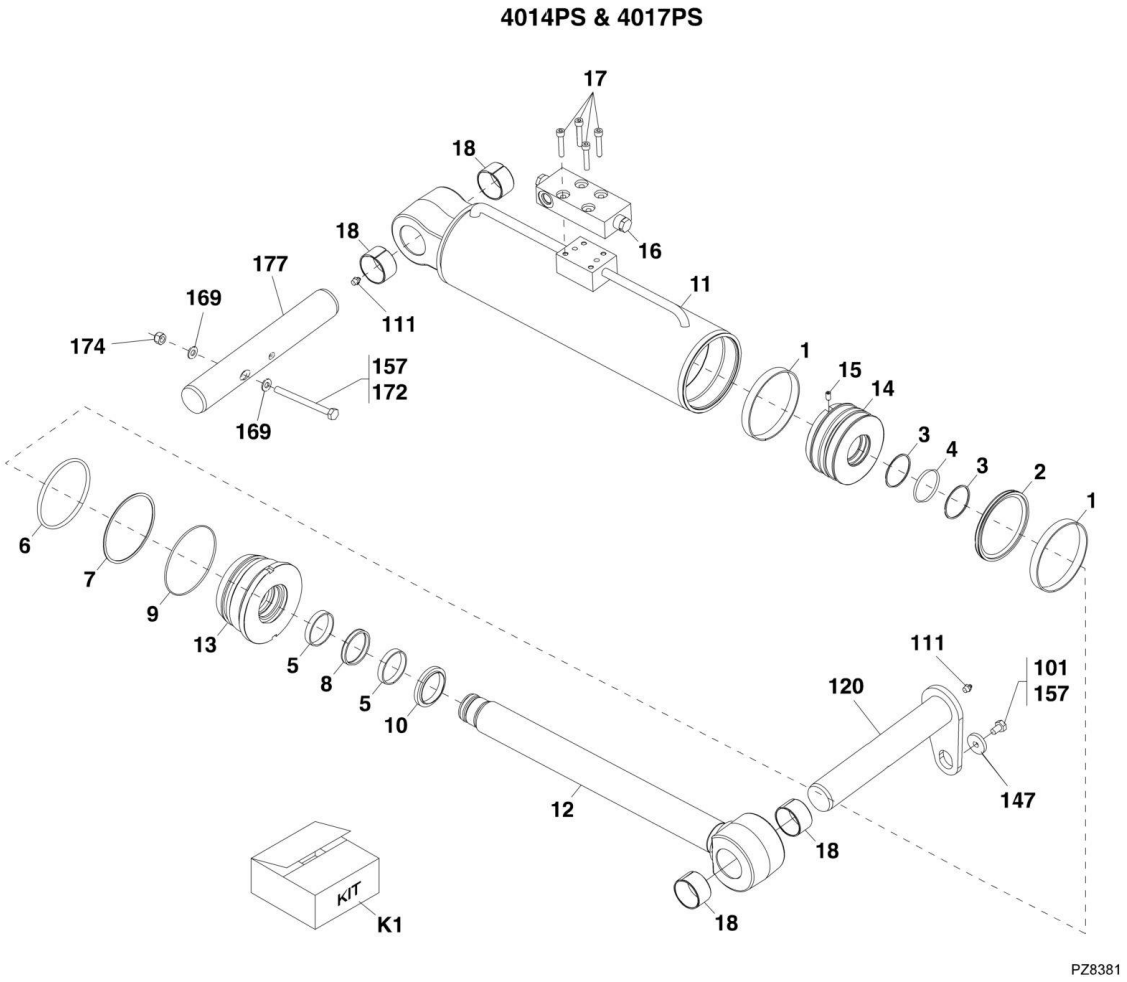


FIGURE 9-12. OUTRIGGER CYLINDER AND HARDWARE (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001115041	1	OUTRIGGER CYLINDER (includes items 1 thru 18) (4014PS)	A
	1001115711	1	OUTRIGGER CYLINDER (includes items 1 thru 18) (4017PS)	A
1	Kit	2	PISTON BEARING	
2	Kit	2	PISTON SEAL	
3	Kit	2	BACK UP RING	
4	Kit	1	O-RING	
5	Kit	2	ROD BEARING	
6	Kit	1	O-RING	
7	Kit	1	BACK UP RING	
8	Kit	1	ROD SEAL	
9	Kit	1	O-RING	
10	Kit	1	WIPER SEAL	
11	70020471	1	BARREL ASSY (4014PS)	
11	70024240	1	BARREL ASSY (4017PS)	
12	70020472	1	ROD (4014PS)	
12	70020479	1	ROD (4017PS)	
13	70020473	1	ROD GUIDE (4014PS)	
13	70020480	1	ROD GUIDE (4017PS)	
14	70020474	1	PISTON (4014PS)	
14	70020481	1	PISTON (4017PS)	
15	70020438	1	PISTON LOCKING SCREW	
16	1001004639	1	VALVE BLOCK ASSY, (includes seals)	
17	70020440	4	SCREW, M8X45	
18	70020476	4	BUSHING	
101	0761008	1	HEX HD CAPSCREW, M10X16, GR8.8, (torque to 55Nm/40.56 lb-ft)	
111	2160016	2	GREASE FITTING	
120	1001002503	1	PIN	
147	1001008948	2	HARD WASHER	
157	1001095650	AR	LOCTITE 243	
169	4812000	2	WASHER, 10mm	
172	0701029	1	HEX HD CAPSCREW, M10X120, GR8.8, (torque to 55Nm/40.56 lb-ft)	
174	3291005	1	LOCKNUT, M10X1.5	
177	1001099913	1	PIN	
K1	70020477	1	SEAL KIT, (includes items 1 thru 10) (4014PS)	
K1	70020482	1	SEAL KIT, (includes items 1 thru 10) (4017PS)	

FIGURE 9-13. QUICK ATTACH CYLINDER

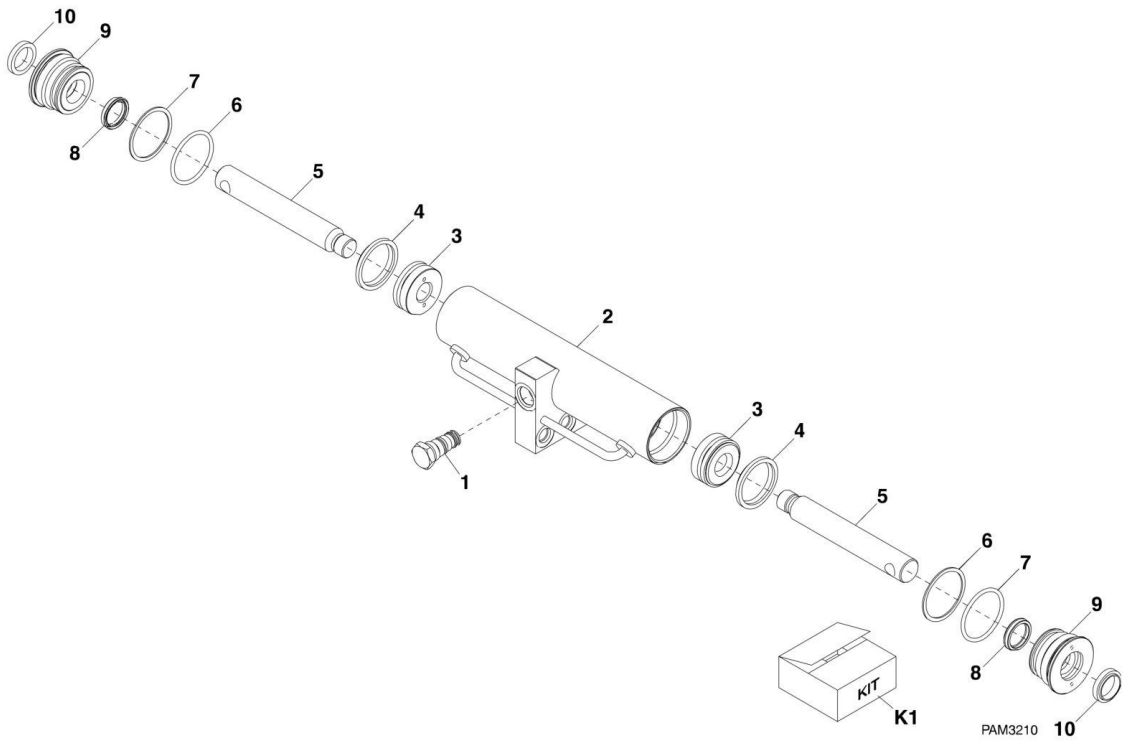


FIGURE 9-13. QUICK ATTACH CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001114787	1	QUICK ATTACH CYLINDER, (includes all items)	A
1	70024163	1	CHECK VALVE	
2	70024164	1	BODY	
3	70024165	2	PISTON	
4	Kit	2	PISTON SEAL	
5	70024166	2	ROD	
6	Kit	2	O-RING	
7	Kit	2	BACKUP RING	
8	Kit	2	ROD SEAL	
9	70024167	2	GLAND	
10	Kit	2	WIPER SEAL	
K1	70024168	1	SEAL KIT, (includes items 4, 6 thru 8 & 10)	

FIGURE 9-14. MAIN CONTROL VALVE (33.7,37.6,37.7,3706PS,3707PS)

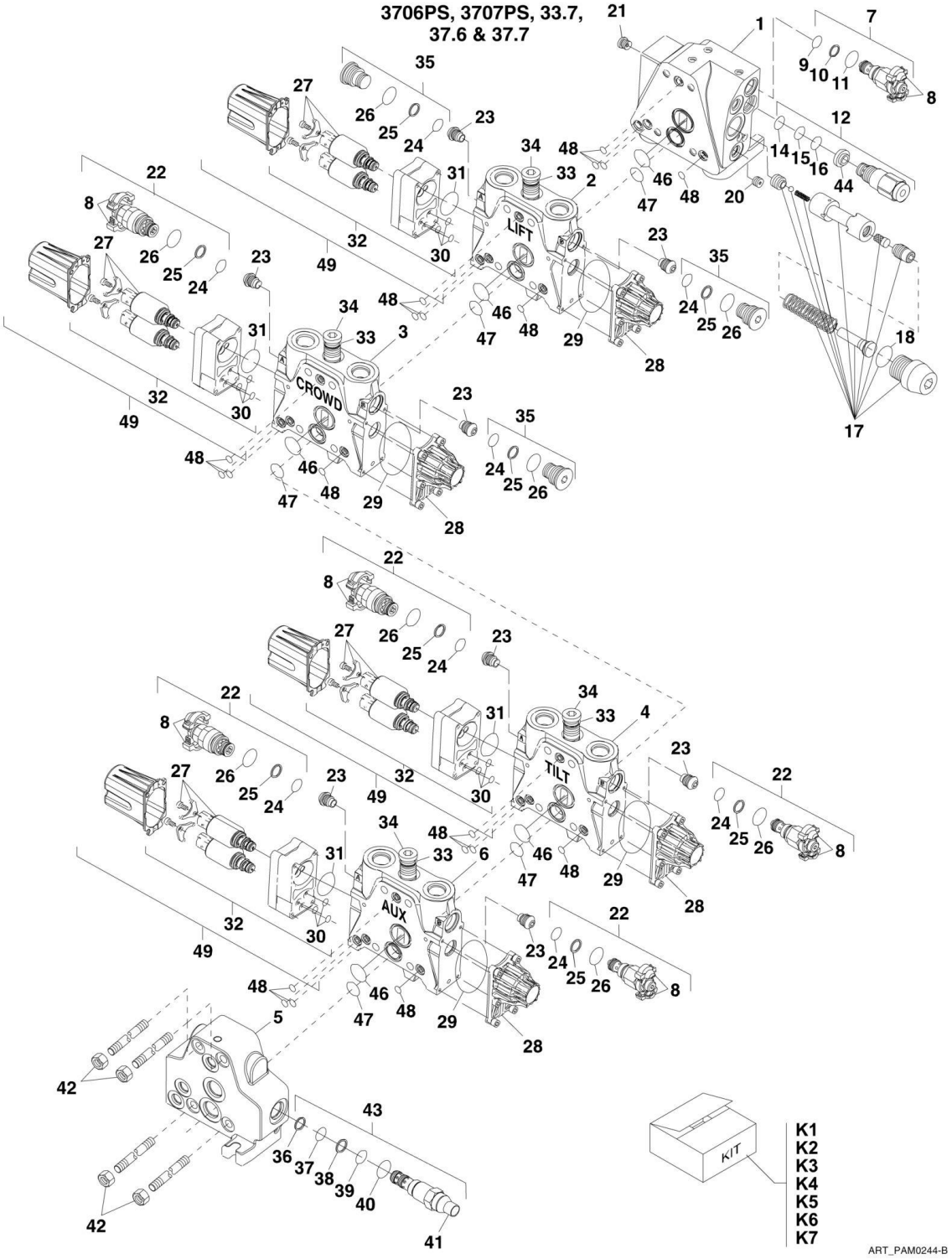


FIGURE 9-14. MAIN CONTROL VALVE (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001104292	1	MAIN CONTROL VALVE (includes all items)	B
1	70020688	1	SECTION ASSY, (inlet), (includes items 7 thru 21)	
2	70020689	1	SECTION ASSY, (Lift), (includes items 23 thru 35 & 49)	
3	70020690	1	SECTION ASSY, (Telescope), (includes items 8, 22 thru 35 & 49)	
4	70020691	1	SECTION ASSY, (Tilt), (includes items 8, 22 thru 35 & 49)	
5	70020692	1	SECTION ASSY, (outlet), (includes items 19 & 36 thru 41)	
6	70022829	1	SECTION ASSY, (Auxiliary), (includes items 8, 22 thru 35 & 49)	
7	70020693	1	PRESSURE RELIEF VALVE	
8	70020694	6	LOCKING COVER	
9	Kit	1	O-RING	
10	Kit	1	THRUST RING	
11	Kit	1	O-RING	
12	70020695	1	FLOW REGULATOR, (includes items 14 thru 16 & 44)	
14	Kit	1	O-RING	
15	Kit	1	THRUST WASHER	
16	Kit	1	O-RING	
17	70021870	1	REGULATOR KIT, (includes item 18 and shims not shown)	
18	Kit	1	O-RING	
20	70020698	1	FILTER	
21	70020699	1	SHUTTLE VALVE	
22	70020700	5	PRESSURE RELIEF VALVE, (includes items 8 & 24 thru 26)	
23	70020701	8	CHECK VALVE	
24	Kit	1	O-RING	
25	Kit	1	THRUST WASHER	
26	Kit	1	O-RING	
27	70020702	4	SOLENOID	
28	70020714	4	INTERFACE AND SOLENOID KIT	
29	Kit	4	O-RING	
30	Kit	4	O-RING	
31	Kit	4	O-RING	
32	70020703	4	INTERFACE AND SOLENOID, (includes items 27, 30 & 31)	
33	N.S.S.	4	O-RING	
34	70020704	4	PRESSURE COMPENSATOR	
35	70020705	3	PLUG	
36	Kit	1	THRUST RING	
37	Kit	1	O-RING	
38	Kit	1	O-RING	
39	Kit	1	THRUST RING	
40	Kit	1	O-RING	
41	70020706	1	VALVE COVER ASSY	
42	70020707	1	TIE RODS	
43	70021223	1	PRESSURE REDUCING VALVE, (includes items 36 thru 41)	
44	70021874	1	FLOW REGULATOR FILTER	
46	Kit	1	O-RING	
47	Kit	1	O-RING	
48	Kit	4	O-RING	
49	70023735	4	INTERFACE AND SOLENOID W/COVER, (includes items 27, 30 & 31)	
K1	70021871	5	ELEMENT SEAL KIT, (includes items 46 thru 48)	
K2	70020708	1	REGULATOR SEAL KIT, (includes item 18 and shims not shown)	

SECTION 9 - HYDRAULIC COMPONENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
K3	70020709	4	PRESSURE RELIEF SEAL KIT, (includes items 24 thru 26)	
K4	70020710	4	SOLENOID SEAL KIT, (includes items 29 thru 31 and others not shown)	
K5	70020711	1	FLOW REGULATOR SEAL KIT, (includes items 14 thru 16)	
K6	70020712	1	PRESSURE RELIEF SEAL KIT, (includes items 9 thru 11)	
K7	70020713	1	PRESSURE REDUCING SEAL KIT, (includes items 36 thru 40)	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-15. MAIN CONTROL VALVE (4014PS,4017PS)

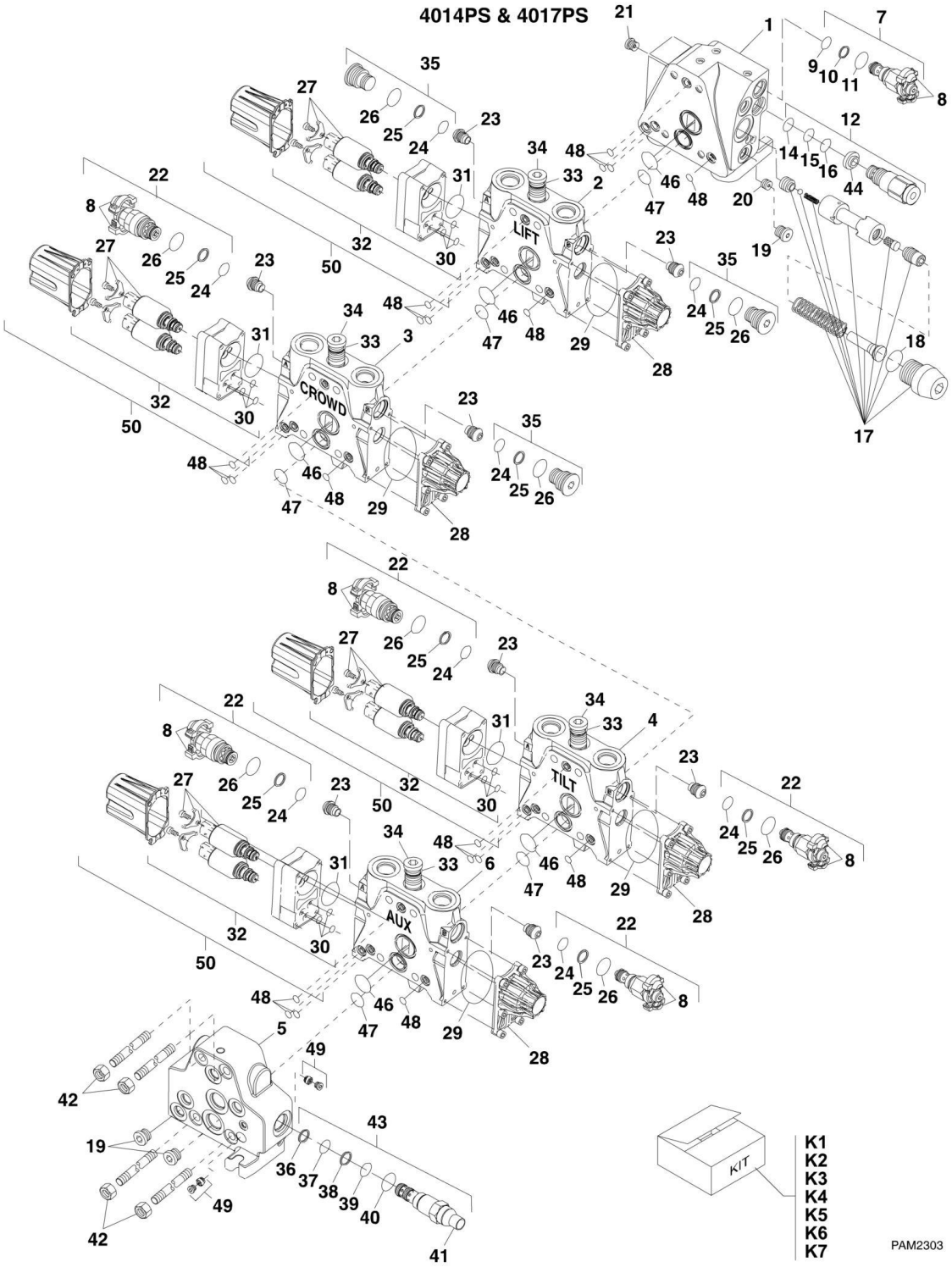


FIGURE 9-15. MAIN CONTROL VALVE (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001107523	1	MAIN CONTROL VALVE (includes all items)	A
1	70021868	1	SECTION ASSY, (INLET), (includes items 7 thru 21 & 44)	
2	70020689	1	SECTION ASSY, (LIFT), (includes items 23 thru 35 & 50)	
3	70020690	1	SECTION ASSY, (TELESCOPE), (includes items 8, 22 thru 35 & 50)	
4	70020691	1	SECTION ASSY, (TILT), (includes items 8, 22 thru 35 & 50)	
5	70021869	1	SECTION ASSY, (OUTLET), (includes items 19, 36 thru 41 & 49)	
6	70022829	1	SECTION ASSY, (AUXILIARY), (includes items 8, 22 thru 35 & 50)	
7	70020693	1	PRESSURE RELIEF VALVE, (includes items 8 thru 11)	
8	70020694	6	LOCKING COVER	
9	Kit	1	O-RING	
10	Kit	1	THRUST RING	
11	Kit	1	O-RING	
12	70020695	1	FLOW REGULATOR, (includes items 14 thru 16 & 44)	
14	Kit	1	O-RING	
15	Kit	1	THRUST WASHER	
16	Kit	1	O-RING	
17	70021870	1	REGULATOR KIT, (includes item 18 and shims not shown)	
18	Kit	1	O-RING	
19	70020697	3	PLUG	
20	70020698	1	FILTER	
21	70020699	1	SHUTTLE VALVE	
22	70020700	5	PRESSURE RELIEF VALVE, (includes items 8 & 24 thru 26)	
23	70020701	8	CHECK VALVE	
24	Kit	8	O-RING	
25	Kit	8	THRUST WASHER	
26	Kit	8	O-RING	
27	70020702	4	SOLENOID	
28	70020714	4	INTERFACE AND SOLENOID KIT	
29	Kit	4	O-RING	
30	Kit	4	O-RING	
31	Kit	4	O-RING	
32	70020703	4	INTERFACE AND SOLENOID, (includes items 27, 30 & 31)	
33	N.S.S.	4	O-RING	
34	70020704	4	PRESSURE COMPENSATOR	
35	70020705	3	PLUG, (includes items 24 thru 26)	
36	Kit	1	THRUST RING	
37	Kit	1	O-RING	
38	Kit	1	O-RING	
39	Kit	1	THRUST RING	
41	Kit	1	O-RING	
41	70020706	1	VALVE COVER ASSY	
42	70020707	1	TIE RODS	
43	70021223	1	PRESSURE REDUCING VALVE, (includes items 36 thru 41)	
44	70021874	1	FLOW REGULATOR FILTER	
46	Kit	5	O-RING	
47	Kit	5	O-RING	
48	Kit	20	O-RING	
49	70021872	2	ACCUMULATOR LOAD CHECK VALVE KIT	

SECTION 9 - HYDRAULIC COMPONENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	70023735	4	INTERFACE AND SOLENOID W/ COVER, (includes items 27, 30 & 31)	
K1	70021871	1	ELEMENT SEAL KIT, (includes items 46 thru 48)	
K2	70020708	1	REGULATOR SEAL KIT, (includes item 18 and others not shown)	
K3	70020709	4	PRESSURE RELIEF SEAL KIT, (includes items 24 thru 26)	
K4	70020710	4	SOLENOID SEAL KIT, (includes items 29 thru 31 and others not shown)	
K5	70020711	1	FLOW REGULATOR SEAL KIT, (includes items 14 thru 16)	
K6	70020712	1	PRESSURE RELIEF SEAL KIT, (includes items 9 thru 11)	
K7	70020713	1	PRESSURE REDUCING SEAL KIT, (includes items 36 thru 40)	

FIGURE 9-16. DIVERTER VALVE

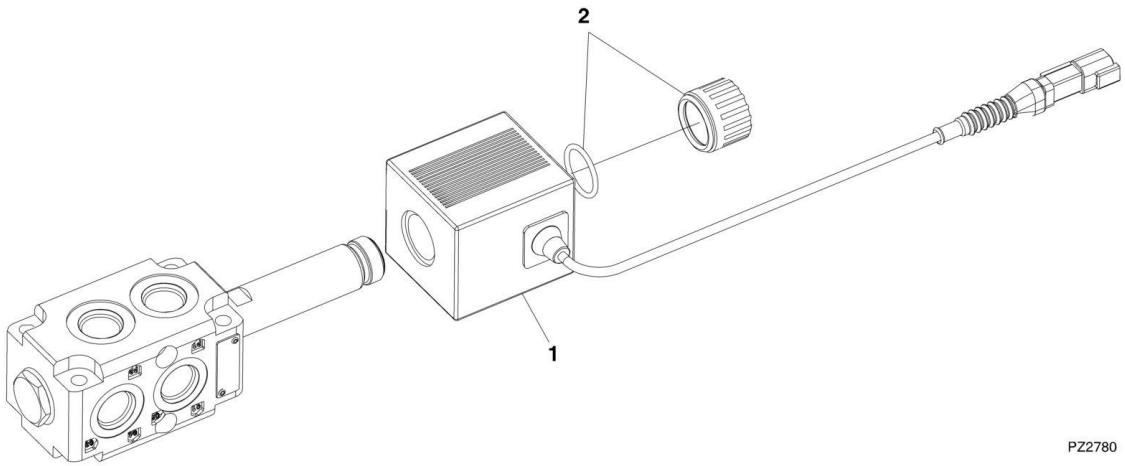


FIGURE 9-16. DIVERTER VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001104477	1	DIVERTER VALVE, (includes all items)	D
	1001110023	1	DIVERTER VALVE (33.7,37.6,37.7,3706PS,3707PS)	B
1	70020764	1	COIL	
2	70021531	1	RETAINER KIT, (includes o-rings and nut)	

FIGURE 9-17. STEERING SELECT VALVE

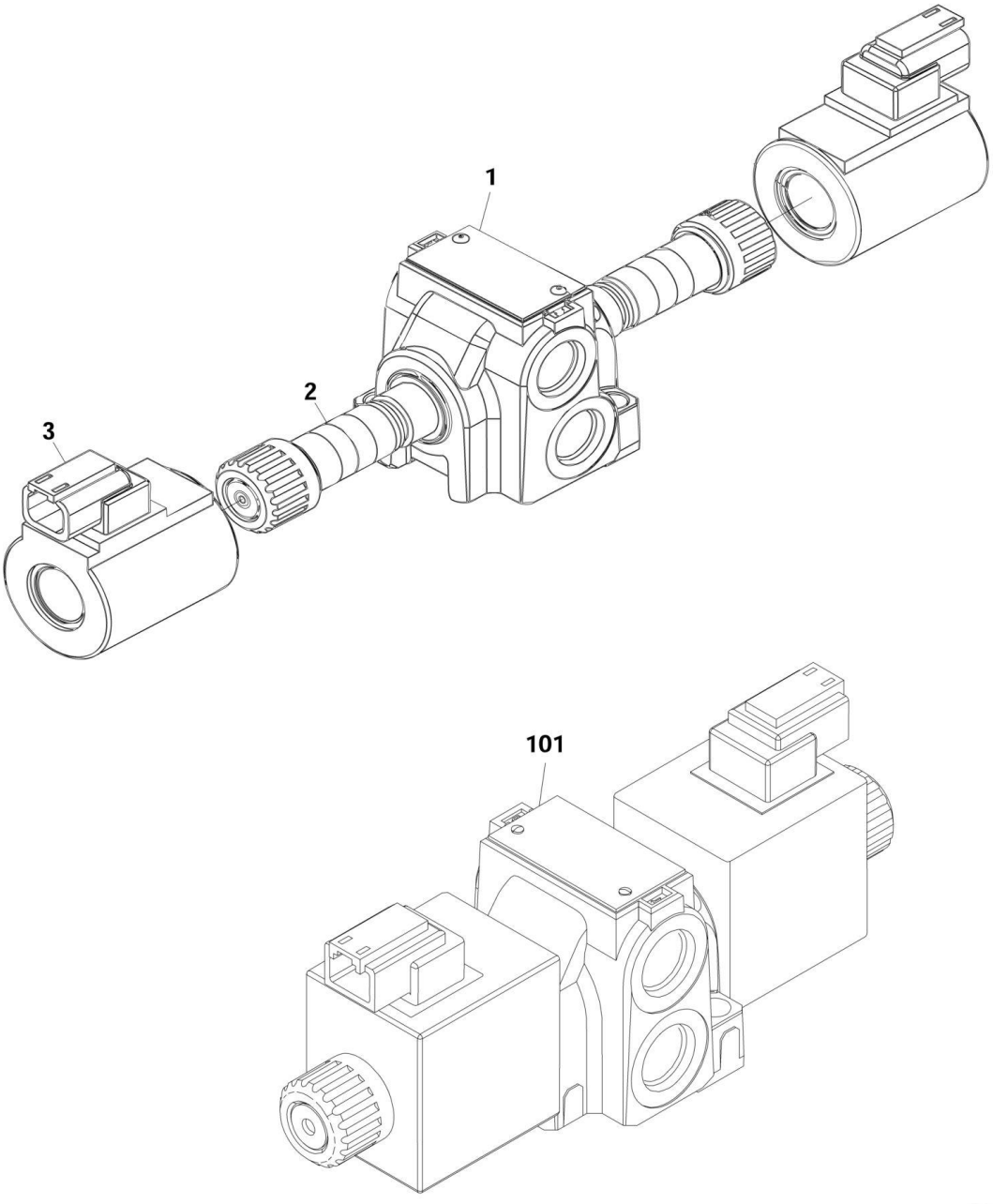


FIGURE 9-17. STEERING SELECT VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4641519	NLA	STEERING SELECT VALVE, (no longer available, order item 101 for service or replacement), (includes items 1 thru 3)	C
1	70020866	1	VALVE BODY	
2	70020867	2	SEAL KIT	
3	70020868	2	COIL	
101	1001153748	1	STEERING SELECT VALVE	

FIGURE 9-18. PISTON PUMP

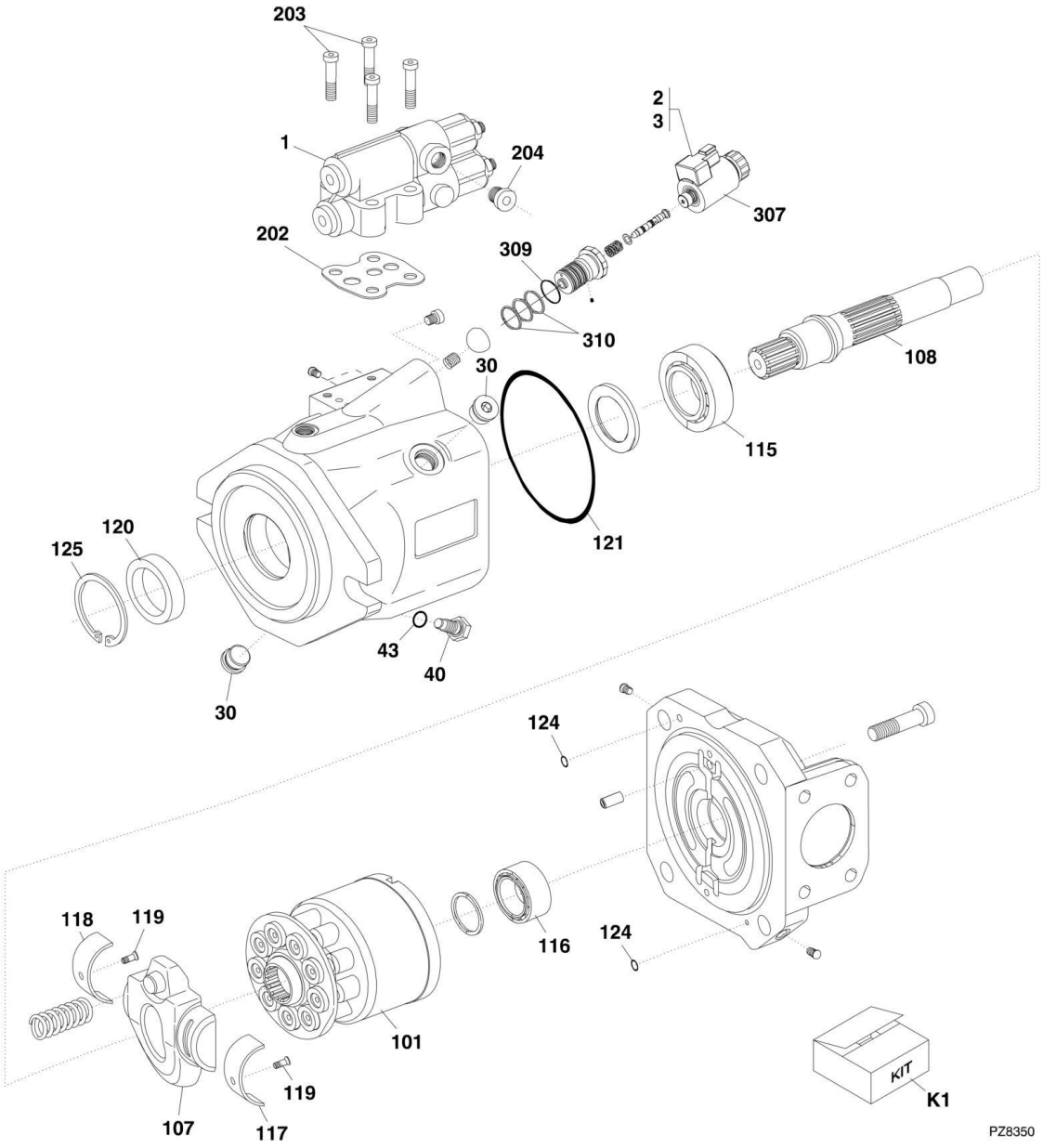


FIGURE 9-18. PISTON PUMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001121053	1	HYDRAULIC PISTON PUMP, 63cc (includes items 1 thru 310) (33.7,37.6,37.7,3706PS,3707PS,4017PS)	B
	1001121054	1	HYDRAULIC PISTON PUMP, 45cc (includes items 1 thru 310) (4014PS)	A
1	70003738	1	CONTROL VALVE	
2	70024186	1	CONTROL VALVE	
3	70024187	1	ADJUSTING PIECE, 63cc	
3	70028556	1	ADJUSTING PIECE, 45cc	
30	70024407	2	PLUG	
40	70024408	1	STOP SCREW, 63cc	
40	70028557	1	STOP SCREW, 45cc	
43	70024409	1	O-RING	
101	70024411	1	ROTARY GROUP, 63cc	
101	70028558	1	ROTARY GROUP, 45cc	
107	70024412	1	SWASH PLATE, 63cc	
107	70028559	1	SWASH PLATE, 45cc	
108	70024413	1	DRIVE SHAFT, 63cc	
108	70003175	1	DRIVE SHAFT, 45cc	
115	7024943	1	BEARING, 63cc	
115	7024038	1	BEARING, 45cc	
116	7024944	1	BEARING, 63cc	
116	7012706	1	BEARING, 45cc	
117	70024414	1	BEARING-LINER, 63cc	
117	70028560	1	BEARING-LINER, 45cc	
118	70024415	1	BEARING-LINER, 63cc	
118	70028560	1	BEARING-LINER, 45cc	
119	7024953	2	SCREW	
120	7024947	1	SHAFT SEAL RING, 63cc	
120	70028561	1	SHAFT SEAL RING, 45cc	
121	7024948	1	O-RING, 63cc	
121	70003176	1	O-RING, 45cc	
124	7024950	2	SEAL RING	
125	80334277	1	RETAINING RING, 63cc	
125	70003177	1	RETAINING RING, 45cc	
202	70021867	1	GASKET	
203	7024954	4	SOCKET HD CAPSCREW	
204	70024416	1	PLUG	
307	70025897	1	SOLENOID	
309	7024949	1	O-RING	
310	70024417	3	R-RING	
K1	70024410	1	SEAL KIT, 63cc, (includes items 30, 43, 120 thru 125, 202, 204, 309 & 310)	
K1	70028562	1	SEAL KIT, 45cc, (includes items 30, 43, 120 thru 125, 202, 204, 309 & 310)	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-19. HYDRAULIC TANK

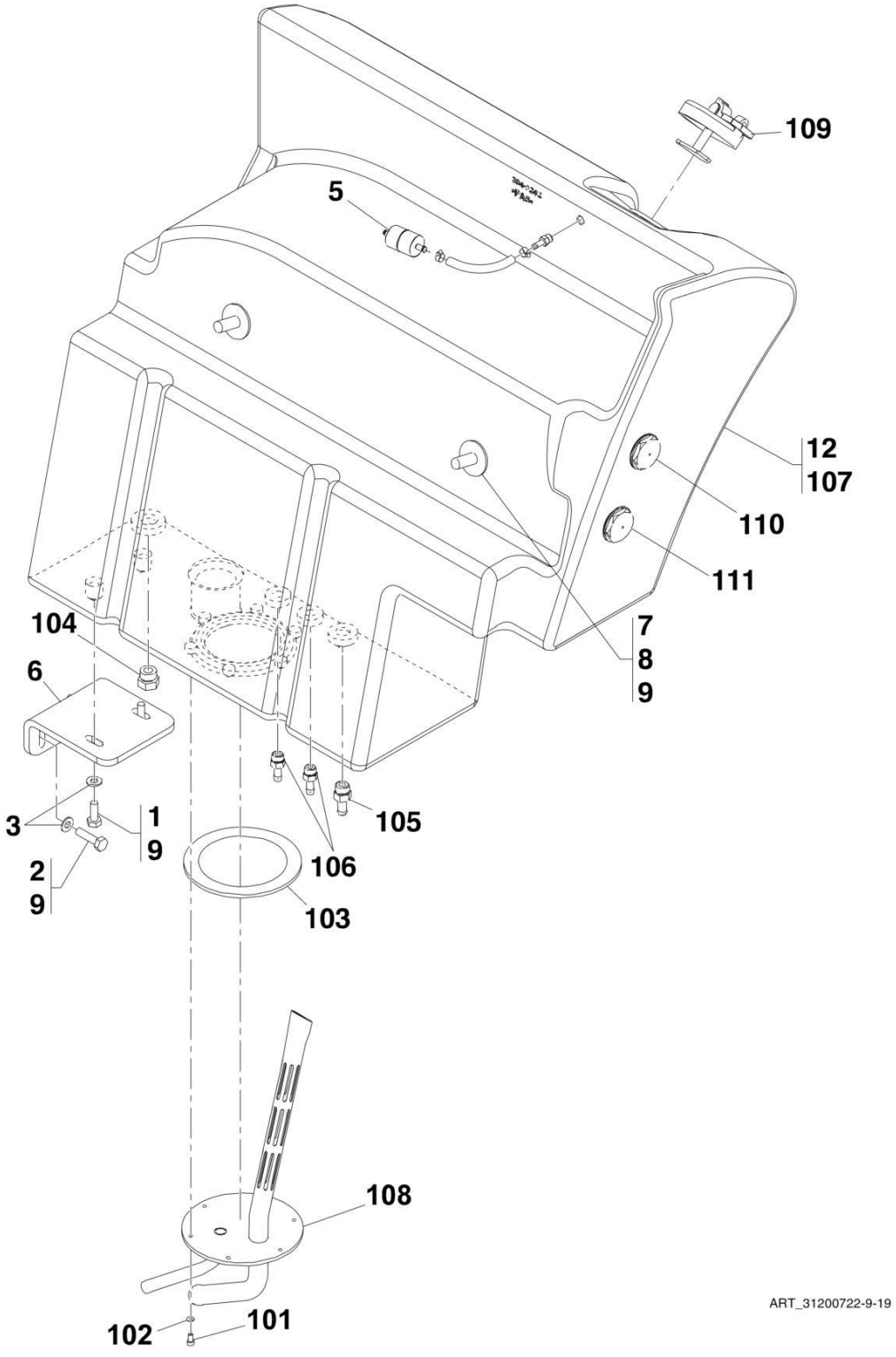


FIGURE 9-19. HYDRAULIC TANK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142663	Ref	HYDRAULIC TANK INSTALLATION (not available to order, see items 1 thru 12 for service) (4014PS,4017PS)	B
	1001142663	Ref	HYDRAULIC TANK INSTALLATION (not available to order, See items 1 thru 12 for service) (33.7,37.6,37.7,3706PS,3707PS) **(Prior to SN 1160007654)**	B
	1001186582	Ref	HYDRAULIC TANK INSTALLATION (not available to order, see items 1 thru 12 for service) (33.7,37.6,37.7,3706PS,3707PS) **(SN 1160007654 to Present)**	A
1	0701013	2	HEX HD CAPSCREW, M10X40, GR8.8, (torque to 13-17 Nm/9.58-12.53 lb-ft)	
2	0761016	2	HEX HD CAPSCREW, M10X40, GR8.8, (torque to 55 Nm/40.56 lb-ft)	
3	4812000	4	WASHER, 10mm	
5		Ref	FILTER, (See HYDRAULIC CIRCUITS SECTION for Breakdown)	
6	1001090205	1	BRACKET	
7	1001091951	2	HEX HD CAPSCREW, M16-2X200, GR8.8, (torque to 280 Nm/206.51 lb-ft)	
8	1001092256	4	WASHER, 17mm	
9	1001095650	AR	LOCTITE 243	
12	1001142664	1	HYDRAULIC TANK ASSEMBLY (includes items 101 thru 110) (4014PS,4017PS)	C
12	1001142664	1	HYDRAULIC TANK ASSEMBLY (includes items 101 thru 110) (33.7,37.6,37.7,3706PS,3707PS) **(Prior to SN 1160007654)**	C
12	1001186581	1	HYDRAULIC TANK ASSEMBLY (includes items 101 thru 111) (33.7,37.6,37.7,3706PS,3707PS) **(SN 1160007654 to Present)**	B
101	4031607	6	HEX SOCKET HD CAPSCREW, M5X16, (torque to 5.75-6.25 Nm/4.24-4.60 lb-ft)	
102	4831600	6	LOCKWASHER, 5mm	
103	1001003301	1	O-RING	
104	1001003427	1	PLUG, (torque to 30-40 Nm/22.12-29.50 lb-ft)	
105	1001003647	1	CONNECTOR, (torque to 21-25 Nm/15.48-18.43 lb-ft)	
106	1001059362	3	STRAIGHT CONNECTOR, (torque to 12-14 Nm/8.85-10.32 lb-ft)	
107	1001090160	1	HYDRAULIC TANK	
108	1001154970	1	HYDRAULIC RETURN MANIFOLD	
109	1001142659	1	CAP	
110	1001184545	2	OIL LEVEL PLUG (4014PS,4017PS)	
110	1001184545	2	OIL LEVEL PLUG (33.7,37.6,37.7,3706PS,3707PS) **(Prior to SN 1160007654))**	
110	1001184545	1	OIL LEVEL PLUG (33.7,37.6,37.7,3706PS,3707PS) **(SN 1160007654 to Present)**	
111	1001202323	1	HYDRAULIC TANK PLUG, M40 (33.7,37.6,37.7,3706PS,3707PS) **(SN 1160007654 to Present)**	

FIGURE 9-20. COMBINATION VALVE

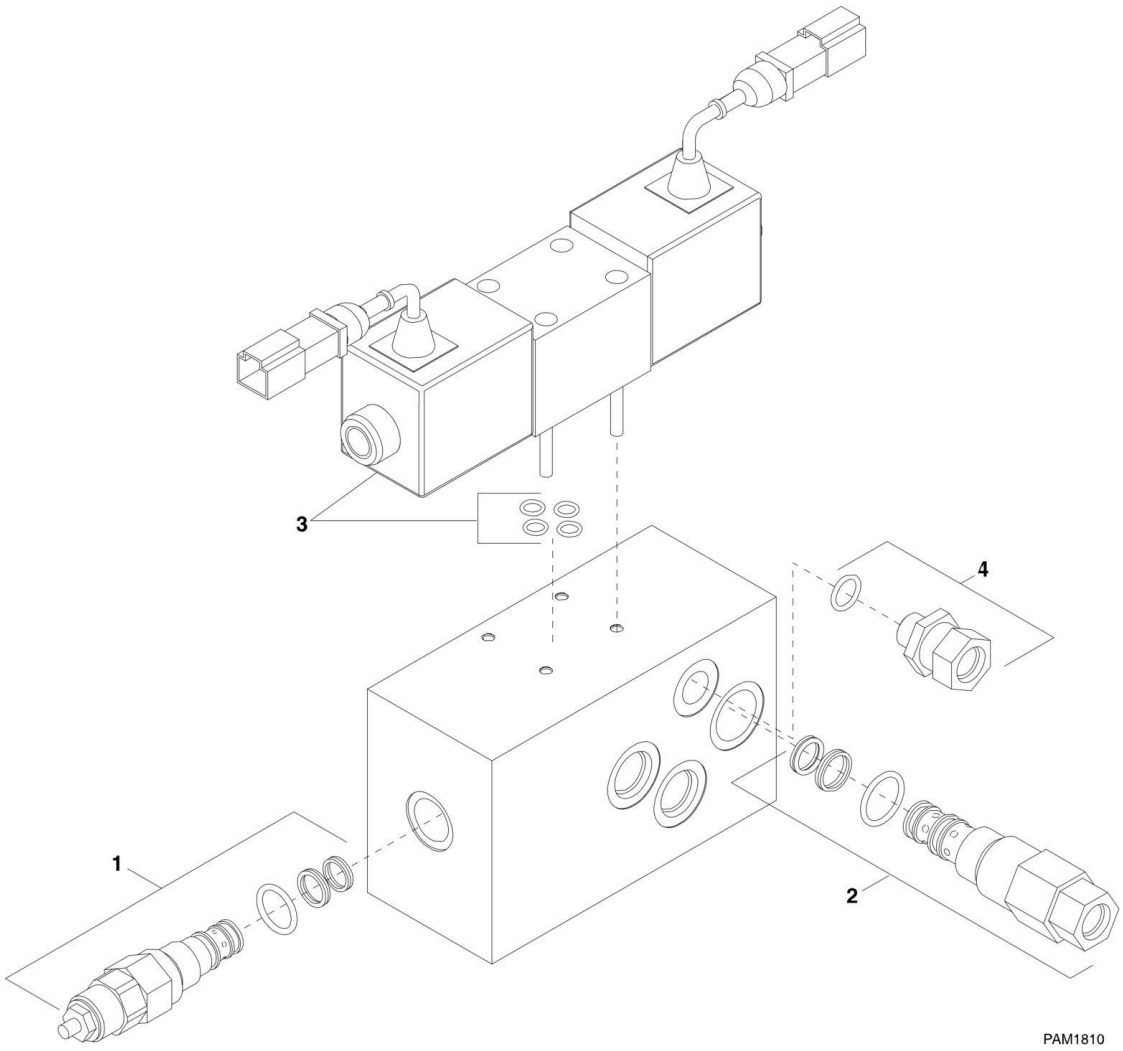


FIGURE 9-20. COMBINATION VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099120	1	COMBINATION VALVE, (includes items 1 thru 4) **(Prior to SN 1160007746)**	C
	1001165875	1	COMBINATION VALVE, (includes items 1, 3 & 4) **(SN 1160007746 to Present)**	C
1	70021589	1	OVERCENTER VALVE	
1	70021590	1	SEAL KIT	
2	70021591	1	PRESSURE REDUCING VALVE	
2	70021592	1	SEAL KIT	
3	70021593	1	SOLENOID VALVE, (includes mounting hardware)	
3	70021594	1	COIL	
3	70021595	1	SEAL KIT	
4	70021596	1	CHECK VALVE	
4	70021597	1	SEAL KIT	

FIGURE 9-21. TRAILER BRAKE VALVE

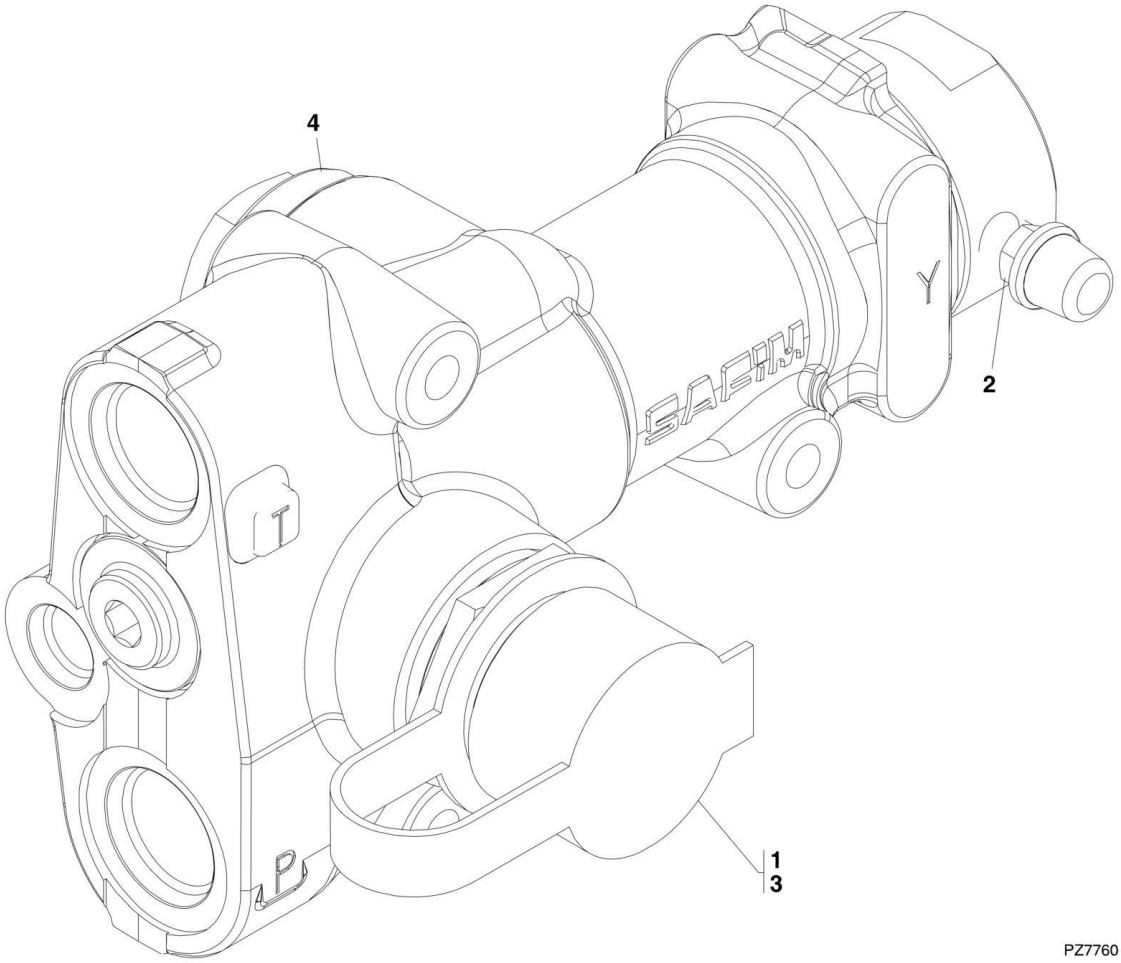


FIGURE 9-21. TRAILER BRAKE VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139393	1	TRAILER BRAKE VALVE, (includes all items)	A
1	70024401	1	QUICK RELEASE, (male)	
3	70024400	1	Screw, Bleeding	
3	70024399	1	RUBBER CAP	
4	N.S.S.	1	VALVE BODY	

FIGURE 9-22. TRAILER BRAKE VALVE

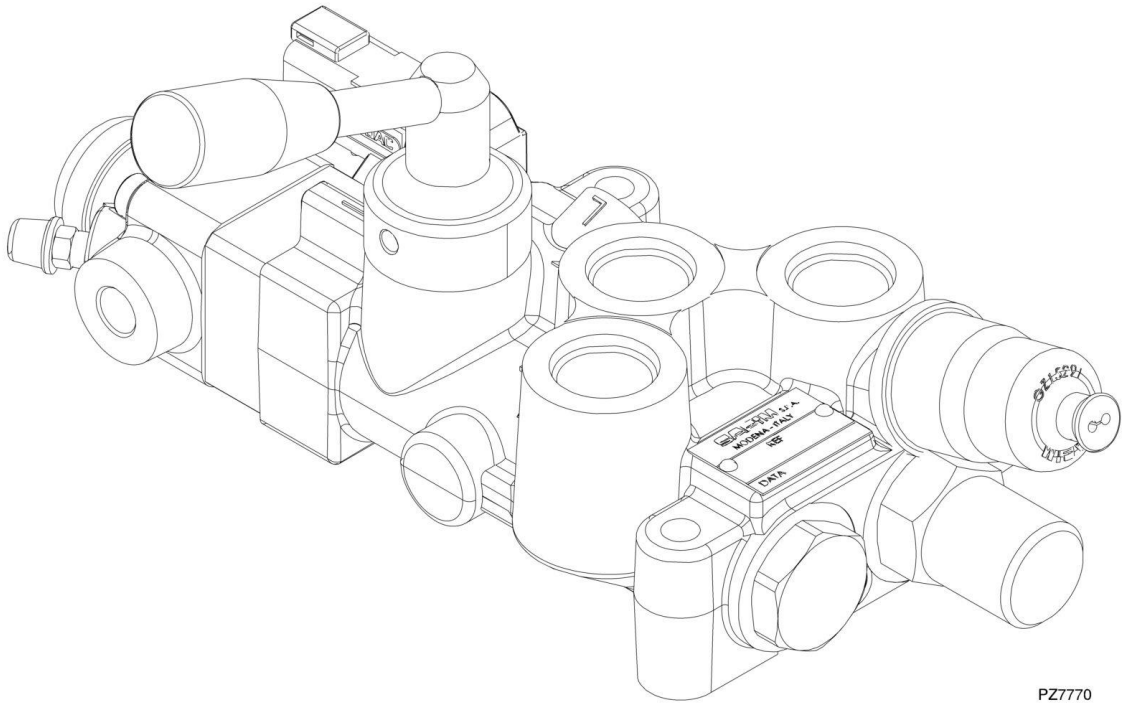


FIGURE 9-22. TRAILER BRAKE VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001120316	1	TRAILER BRAKE VALVE, ITALY	A

FIGURE 9-23. OUTRIGGER MAIN CONTROL VALVE

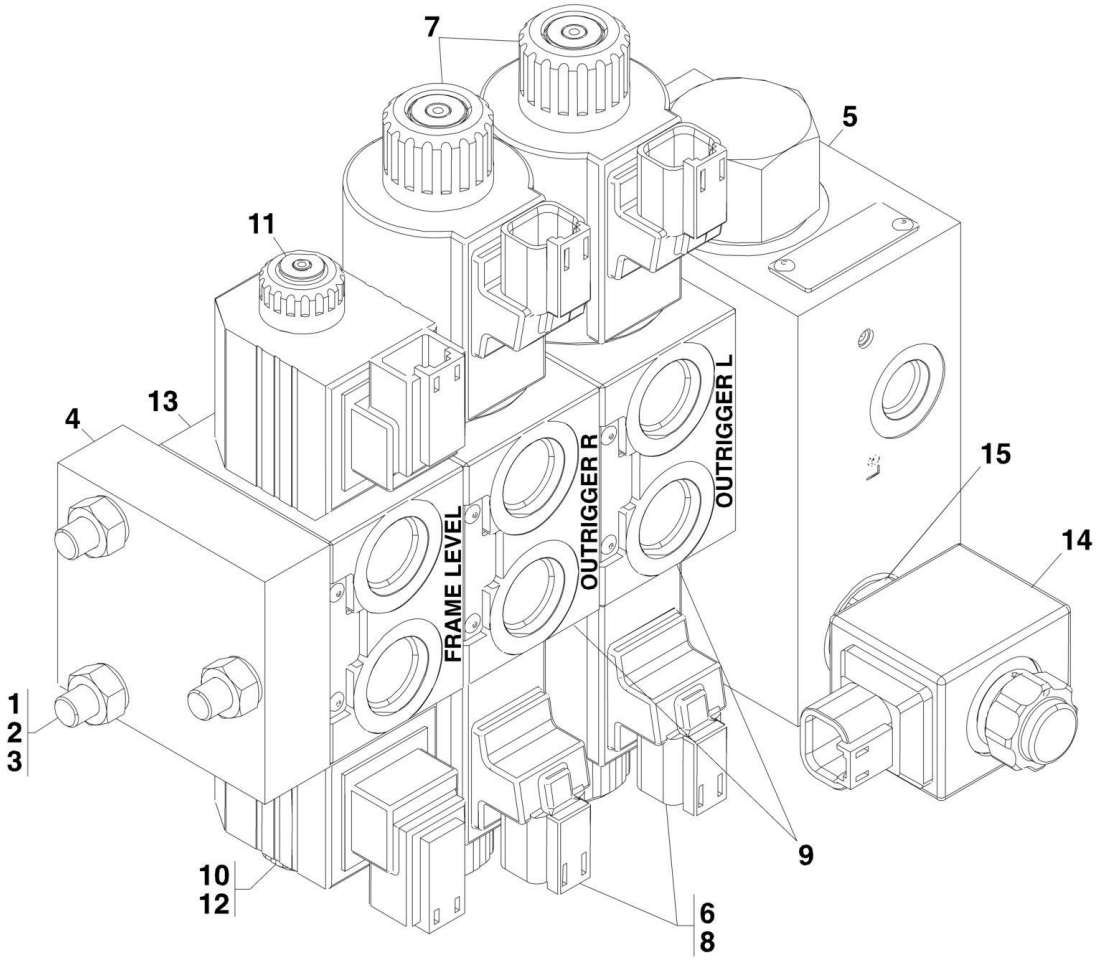


FIGURE 9-23. OUTRIGGER MAIN CONTROL VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4641516	1	OUTRIGGER AND FRAME LEVEL VALVE, (includes items 1 thru 16)	B
1	70021211	3	BOLT, M8X185	
2	70021212	3	NUT, M8	
3	70021201	3	WASHER, M8	
4	70021205	1	COVER	
5	70021215	1	INLET BODY	
6	70021214	2	SECTION ASSY, OUTRIGGER, (includes items 7 thru 9)	
7	70020868	2	COIL	
8	70021217	2	RETAINER KIT W/ SEALS	
9	70021218	1	VALVE SECTION	
10	70021213	1	SECTION ASSY, FRAME LEVEL, (includes items 11 thru 13)	
11	70021208	2	COIL	
12	70021209	2	RETAINER KIT W/ SEALS	
13	70021219	1	VALVE SECTION	
14	70022147	1	COIL	
15	70023327	1	SOLENOID	
16	70023326	1	ORIFICE, 1mm, (not shown, located internally between frame level and outrigger section)	

FIGURE 9-24. ACTUATOR ASSEMBLY (4014PS,4017PS)

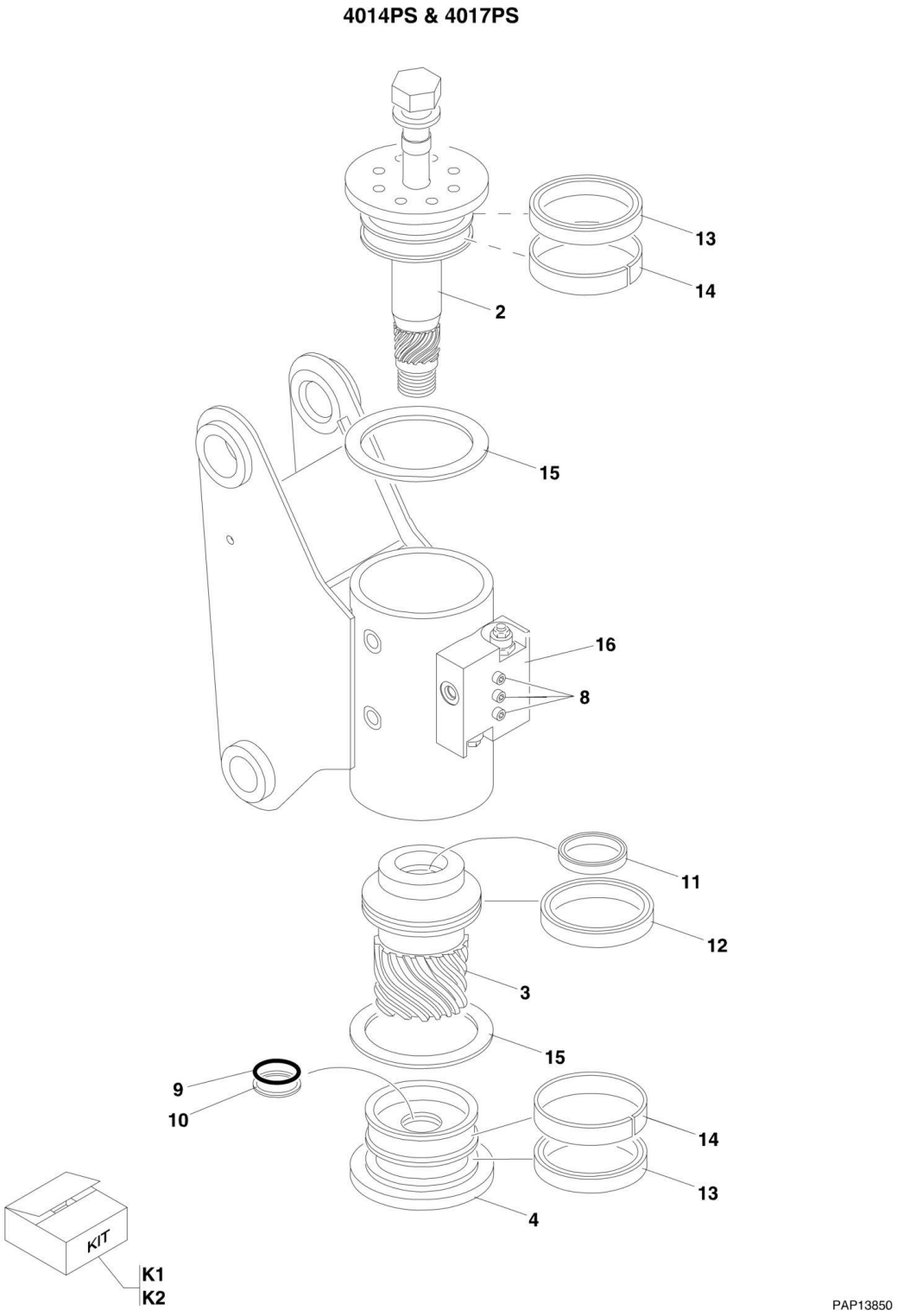
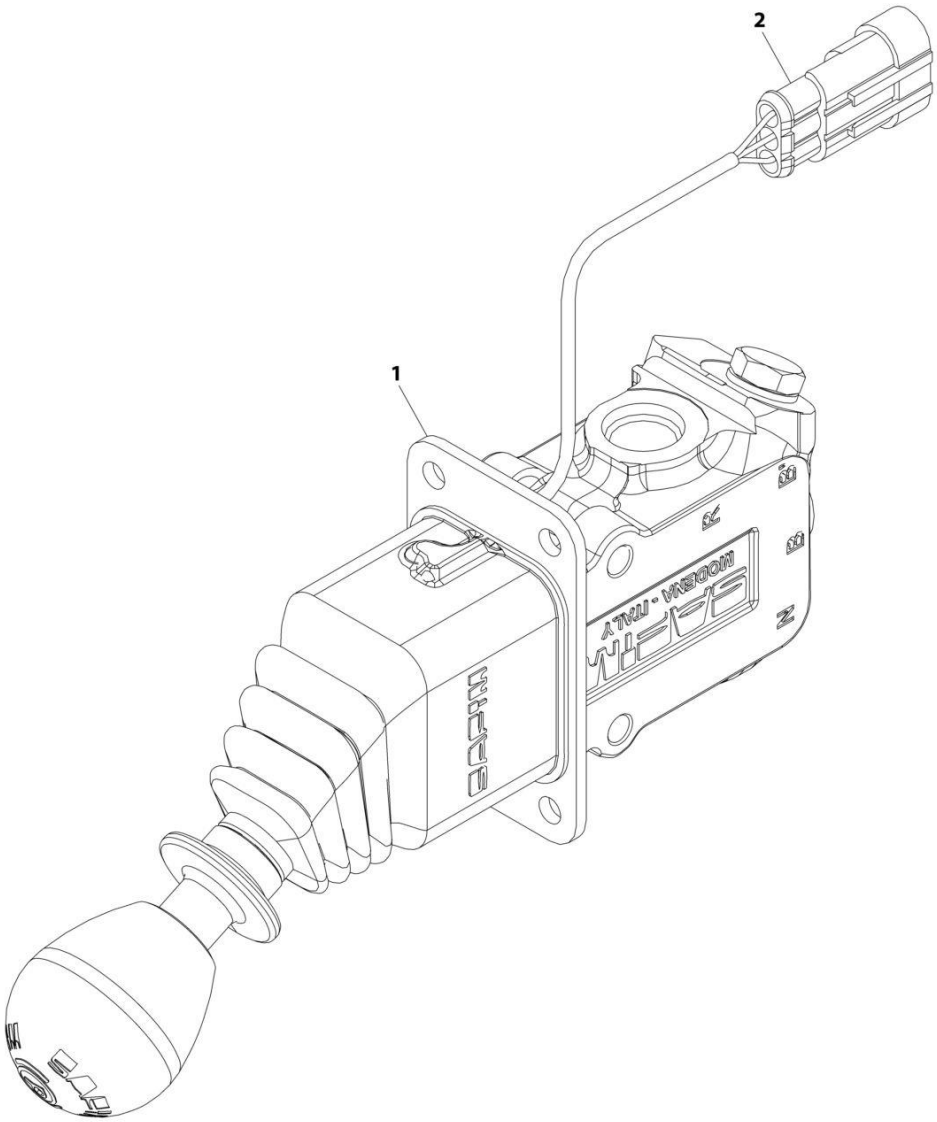


FIGURE 9-24. ACTUATOR ASSEMBLY (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001095681	1	ACTUATOR ASSY (includes all items)	E
2	70021727	1	SHAFT	
3	7017168	1	PISTON SLEEVE	
4	7017169	1	END CAP	
8	70021729	1	HARDWARE KIT	
9	Kit	1	O-RING	
10	Kit	1	BACK-UP RING	
11	Kit	1	ROD SEAL	
12	Kit	1	PISTON SEAL	
13	Kit	2	CUP SEAL	
14	Kit	2	WEAR GUIDE	
15	Kit	2	THRUST WASHER	
16	70021730	1	COUNTERBALANCE VALVE ASSY	
16	70021731	2	O-RING	
K1	70021728	1	SEAL KIT, (includes items 9 thru 13)	
K2	7017178	1	BEARING KIT, (includes items 14 & 15)	

FIGURE 9-25. HYDRAULIC PARK BRAKE RELEASE VALVE



ART_1001098153-D

FIGURE 9-25. HYDRAULIC PARK BRAKE RELEASE VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098153	Ref	HYDRAULIC PARK BRAKE RELEASE VALVE	C
1	70020922	1	KIT, SEAL	
2	70022847	1	MICROSWITCH KIT	

FIGURE 9-26. RELAY VALVE INSTALLATION (HYDRAULIC PARK BRAKE)

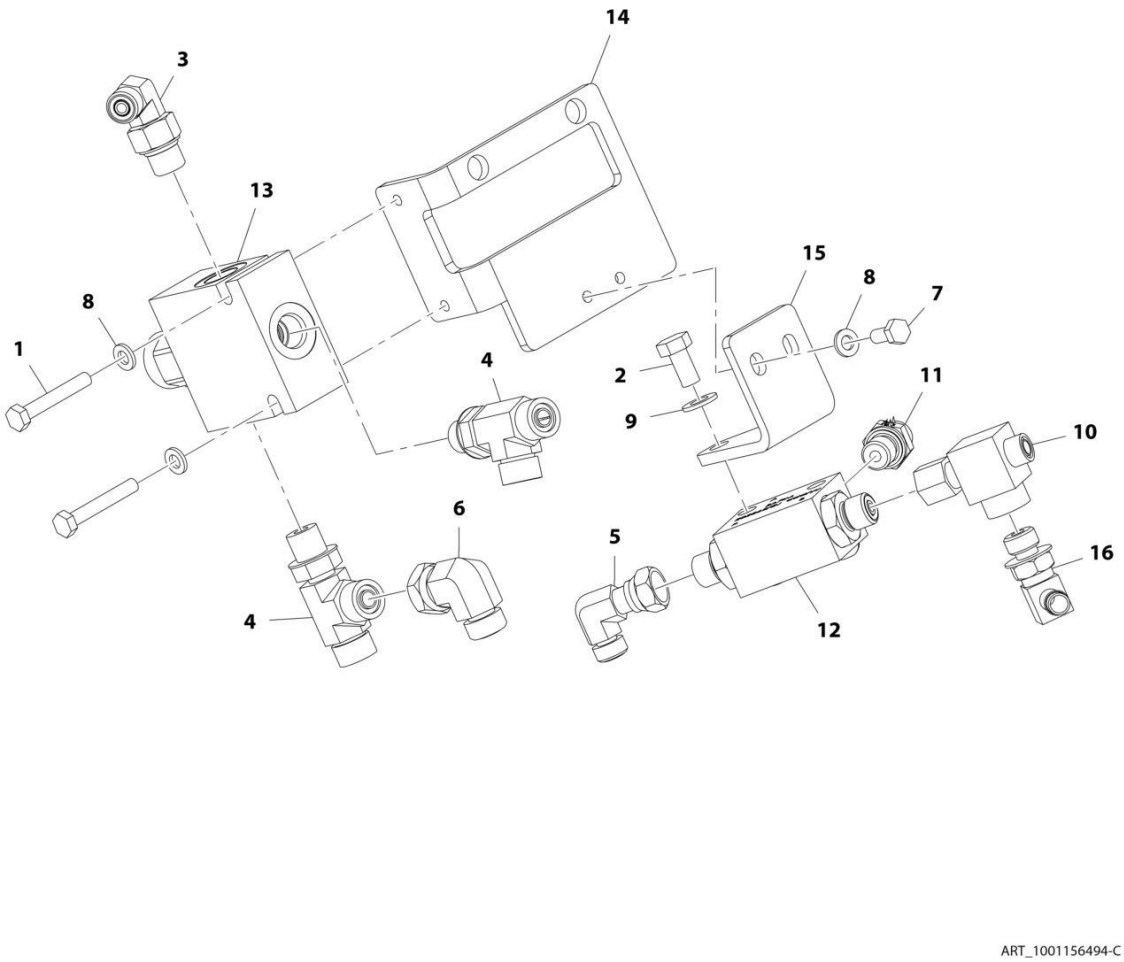


FIGURE 9-26. RELAY VALVE INSTALLATION (HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156494	Ref	RELAY VALVE INSTALLATION, (hydraulic park brake)	C
1	0700616	2	HEX HD CAPSCREW, M6X40, GR8.8	
2	0760808	2	HEX HD CAPSCREW, M8X16, GR8.8	
3	2130406	1	ADAPTER, 90, (includes o-ring)	
4	2170306	2	ADAPTER, RUN TEE, (includes o-ring)	
5	2172104	1	ADAPTER, 90, (includes o-ring)	
6	2172106	1	ELBOW, 90, (includes o-ring)	
7	0760607	2	HEX HD CAPSCREW, M6X14, GR8.8	
8	4811700	4	WASHER, 6mm	
9	4811900	2	WASHER, 8mm	
10	1001003617	1	ADAPTER, TEE, (includes o-ring)	
11	1001120501	1	CONNECTOR, (includes o-ring)	
12		Ref	DYNAMIC SELECT VALVE, (See DYNAMIC SELECT VALVE for Breakdown)	
13	1001152552	1	VALVE, PILOTED 2.8 BAR	
14	1001153670	1	BRACKET, VALVE MOUNTING	
15	1001153671	1	BRACKET, VALVE MOUNTING	
16	1001153809	1	ADAPTER-MECH, ORIFICE 0.7M	

FIGURE 9-27. AUXILIARY POWER PUMP

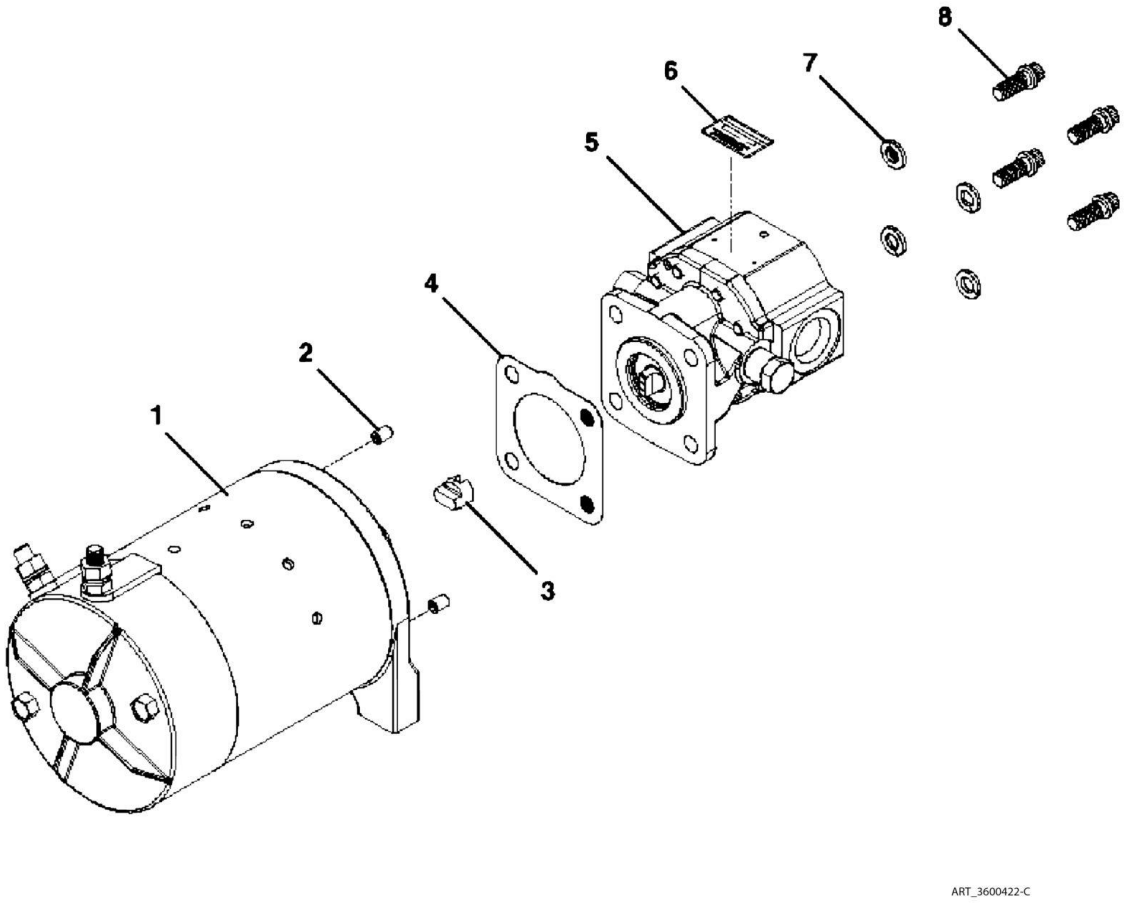
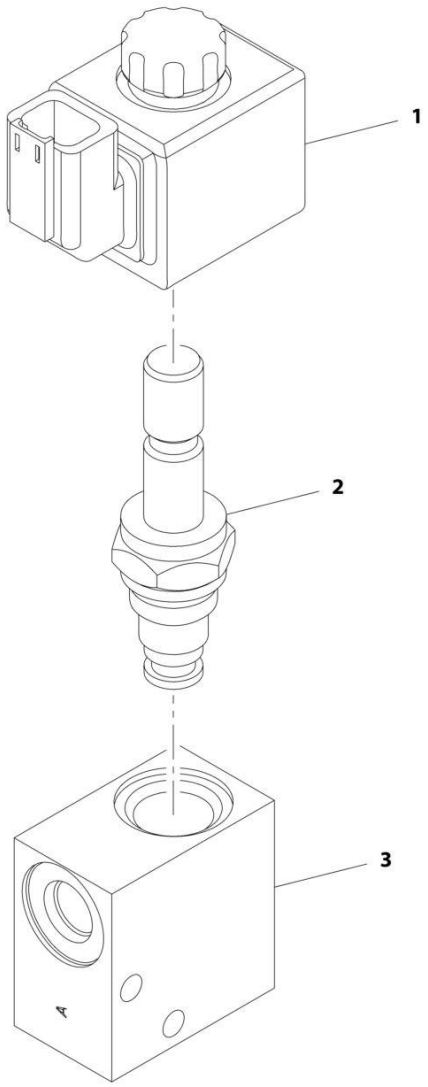


FIGURE 9-27. AUXILIARY POWER PUMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3600422	1	AUXILIARY POWER PUMP, (includes all items)	C
1	7011067	1	MOTOR W/END HEAD	
2	7029592	2	SET SCREW	
3	7011016	1	COUPLING	
4	7011044	1	GASKET	
5	7029593	1	PUMP ASSY	
6	N.S.S.	1	LABEL	
7	7011048	4	WASHER	
8	7011043	4	SCREW	

FIGURE 9-28. DIVERTER VALVE (4014PS,4017PS)



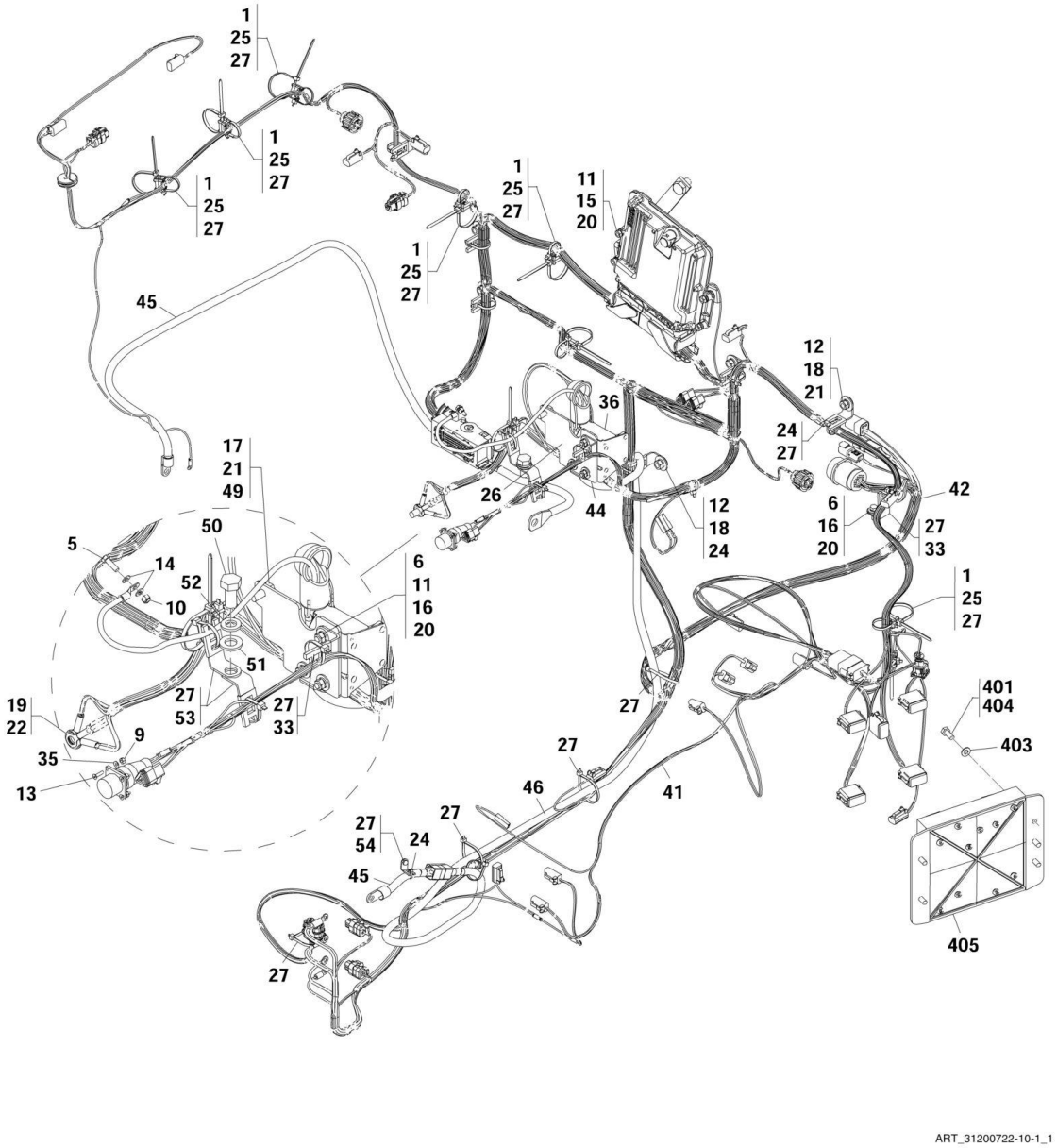
ART_4641524-B

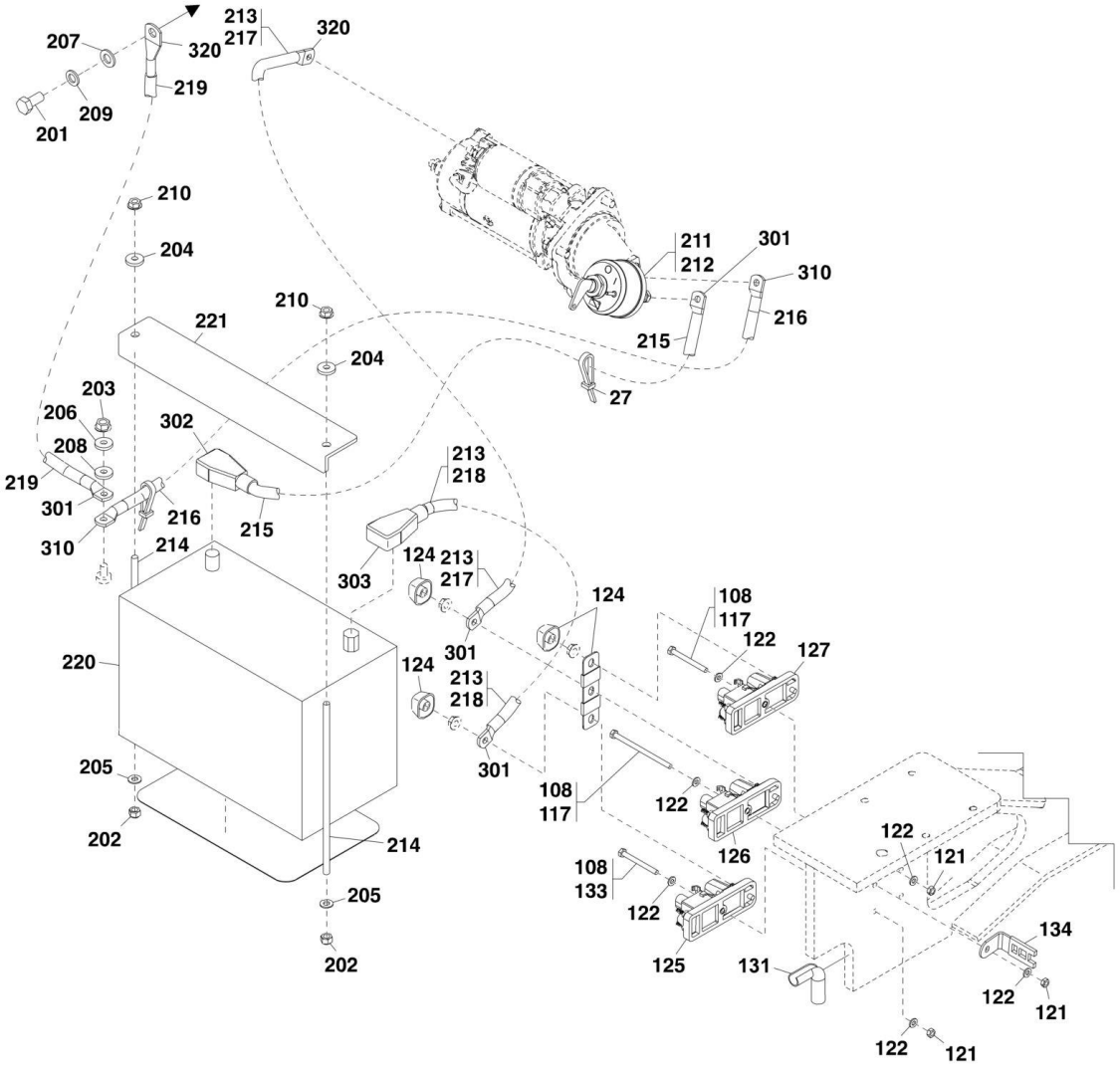
FIGURE 9-28. DIVERTER VALVE (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4641524	1	Diverter Valve (includes all items)	B
1	70021930	1	Coil	
2	70021931	1	Solenoid Cartridge	
3	70021932	1	Valve Body	

SECTION 10 - ELECTRICAL

FIGURE 10-1. ENGINE COMPARTMENT ELECTRICAL INSTALLATION





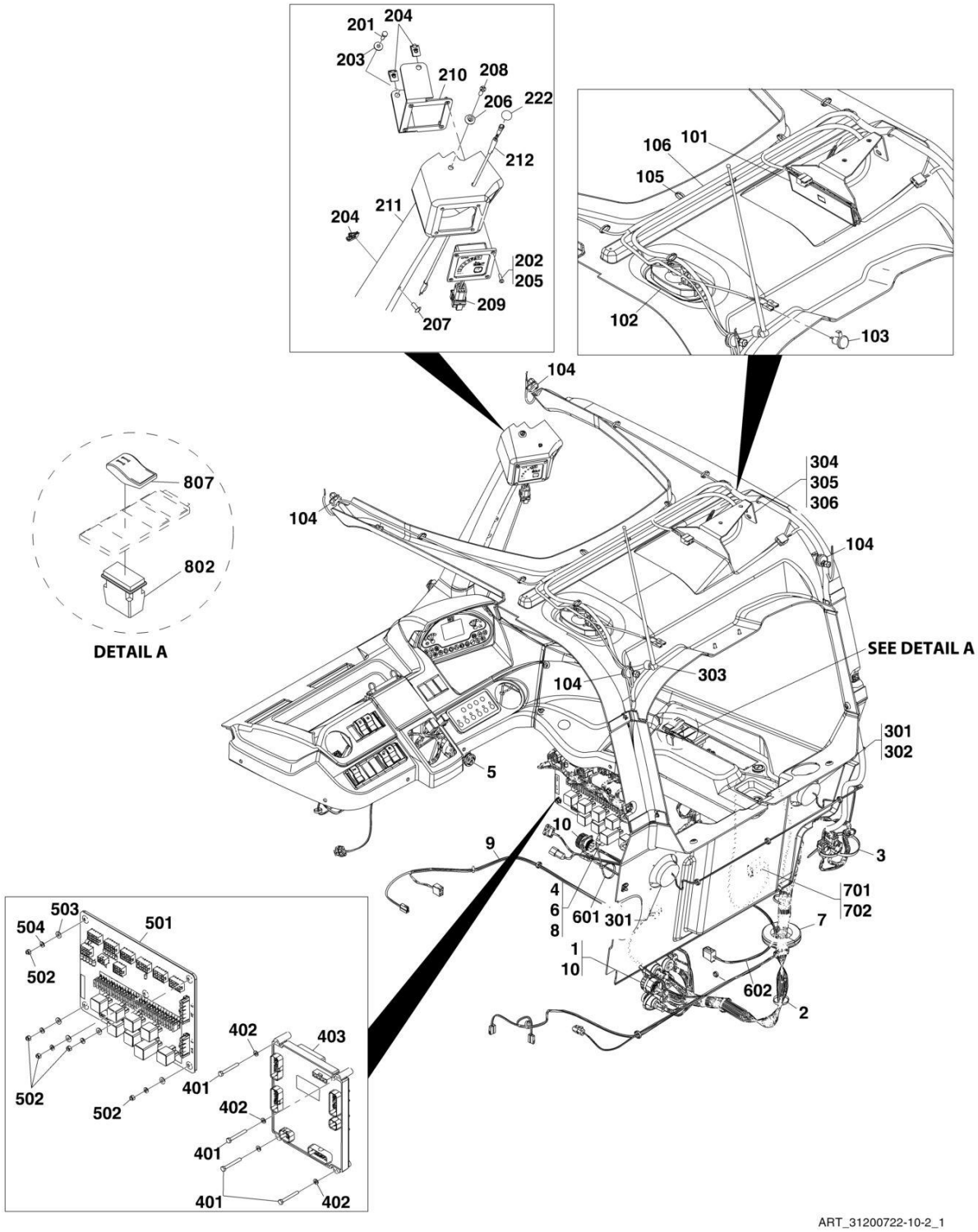
ART_31200722-10-1_2

FIGURE 10-1. ENGINE COMPARTMENT ELECTRICAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001134339	Ref	ENGINE BAY AND TRANSMISSION HARNESS INSTALLATION, (not available to order, see items 1 thru 54 for service)	G
1	471678	10	CABLE BAND	
5	0760508	1	HEX HD CAPSCREW, M5X16, GR8.8	
6	0760610	4	HEX HD CAPSCREW, M6X20, GR8.8	
9	3290305	4	HEX LOCKNUT, M3X0.5	
10	3290505	1	HEX LOCKNUT, N5X0.8	
11	3290601	7	HEX NUT, M6X1	
12	3290801	5	HEX NUT, M8X1.25	
13	1001143566	4	SOCKET HD CAPSCREW, M3X12, GR10.9	
14	4811600	2	WASHER, 5mm	
15	4811700	4	WASHER, 6mm	
16	4811702	7	WASHER, 6mm	
17	4811900	1	WASHER, 8mm	
18	4811902	5	WASHER, 8MM	
19	4812000	1	WASHER, 10mm	
20	4831700	11	SPRING LOCKWASHER, 6mm	
21	4831900	6	SPRING LOCKWASHER, 8mm	
22	4832000	1	SPRING LOCKWASHER, 10mm	
24	1001003305	7	CLIP	
25	1001004723	10	SADDLE	
26	1001008469	1	GROMMET	
27	1001008559	27	CABLE STRAP	
33	1001025749	3	CLIP	
35	1001110544	4	WASHER, 3MM	
36	1001117308	1	TROMBETTA RELAY, 200 AMP	
41		Ref	TRANSMISSION HARNESS, (See TRANSMISSION HARNESS for Breakdown)	
42		Ref	ENGINE BAY HARNESS, (See ENGINE BAY HARNESS for Breakdown)	
44	1001134953	1	START AID CONNECTOR BRACKET	
45	1001153349	1	ALTERNATOR CABLE	
46	1001135069	1	START AID CABLE	
49	0760810	1	HEX HD CAPSCREW, M8X20, GR8.8	
50	0761212	1	HEX HD CAPSCREW, M12X25, GR8.8	
51	4812100	1	WASHER,12mm	
52	4832100	1	SPRING LOCKWASHER, 12mm	
53	1001025751	2	CLIP	
54	0760806	1	HEX HD CAPSCREW, M8X12, GR8.8, (torque to 28 Nm/21 lb-ft)	
117	0700620	2	HEX HD CAPSCREW, M6X60, GR8.8, (torque to 4-5 Nm/295-3.68 lb-ft)	
121	3290601	3	HEX NUT, M6X1	
122	4811700	6	WASHER, 6mm	
124	1001092585	1	BUS BAR INSULATOR	
125	1001127694	1	POWER MODULE RELAY, RED, (torque to 14-16 Nm/10.3-11.8 lb-ft), (contains one 30 AMP Fuse, 70023593 and one 20 AMP Fuse, 70023592)	
126	1001127683	1	POWER MODULE RELAY, GREEN, (torque to 14-16 Nm/10.3-11.8 lb-ft), (contains one 60 AMP Fuse, 70022079 and one 50 AMP Fuse, 70022077)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
127	1001127692	1	POWER MODULE RELAY, YELLOW, (torque to 14-16 Nm/10.3-11.8 lb-ft), (contains one 60 AMP Fuse, 70022079 and one 30 AMP Fuse, 70023593)	
131	1001135584	1	CONDUIT	
133	0700621	1	HEX HD CAPSCREW, M6X65, GR8.8, (torque to 4-5 Nm/295-3.68 lb-ft)	
134	1001025749	1	CLIP	
	1001138770	Ref	BATTERY INSTALLATION, (not available to order, see items 201 thru 221 for service)	F
201	0761212	1	HEX HD CAPSCREW, M12X25, GR8.8	
202	3290805	2	HEX LOCKNUT, M8X1.25, GR8	
203	3291007	1	HEX LOCKNUT, M10X1.25, GR8	
204	5240800	2	WASHER	
205	4811900	2	WASHER, 8mm	
206	4812000	1	WASHER, 10mm	
207	4812102	1	WASHER, 12mm	
208	4832000	1	SPRING LOCKWASHER, 10mm	
209	4832100	1	SPRING LOCKWASHER, 12mm	
210	5220800	2	RIPP NUT, 8mm	
211	1001008540	1	PLATE	
212	1001008926	NLA	QUICK DISCONNECT SWITCH, (no longer available, use 1001192142 for replacement)	
212	1001192142	1	QUICK DISCONNECT SWITCH	
213	1001095650	AR	LOCTITE 243	
214	1001099701	2	THREADED ROD, M8X1.25	
215	1001121265	1	BATTERY CABLE, (includes items 301 & 302)	
216	1001121262	1	ISOLATOR TO POD CABLE, (includes item 310)	
217	1001135244	1	POSITIVE BATTERY CABLE, (includes items 301 & 320)	
218	1001136832	1	BATTERY POSITIVE TO BUSSBAR CABLE, (includes items 301 & 303)	
219	1001136924	1	POD TO ENGINE CABLE, (includes items 301 & 320)	
220	1001009339	1	BATTERY, 12V	
221	1001139882	1	BATTERY CLAMP BRACKET	
301	4461270	1	TERMINAL RING	
302	4461266	1	TERMINAL	
303	4461265	1	TERMINAL	
310	4461270	2	TERMINAL RING	
320	1001117118	1	TERMINAL RING	
	1001130752	Ref	TRANSMISSION CONTROL MODULE INSTALLATION, (not available to order, see items 401 thru 405 for service)	B
401	0760810	4	HEX HD CAPSCREW, M8X20, GR8.8, (torque to 28 Nm/6 lb-ft)	
403	4811900	4	WASHER, 8mm	
404		Ref	LOCTITE 243	
405	1001127796	1	TRANSMISSION CONTROL MODULE	

FIGURE 10-2. CAB ELECTRICAL INSTALLATION



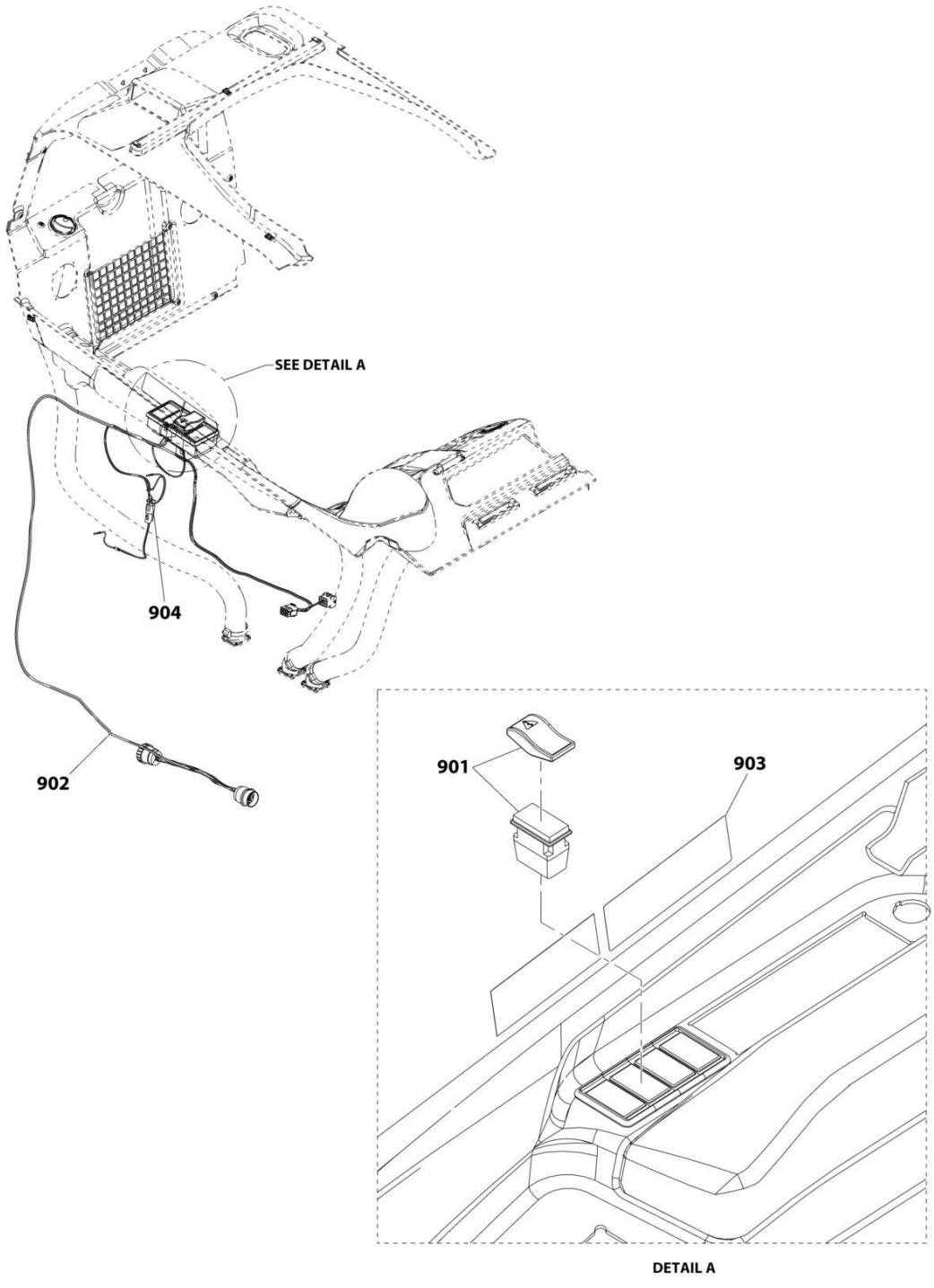
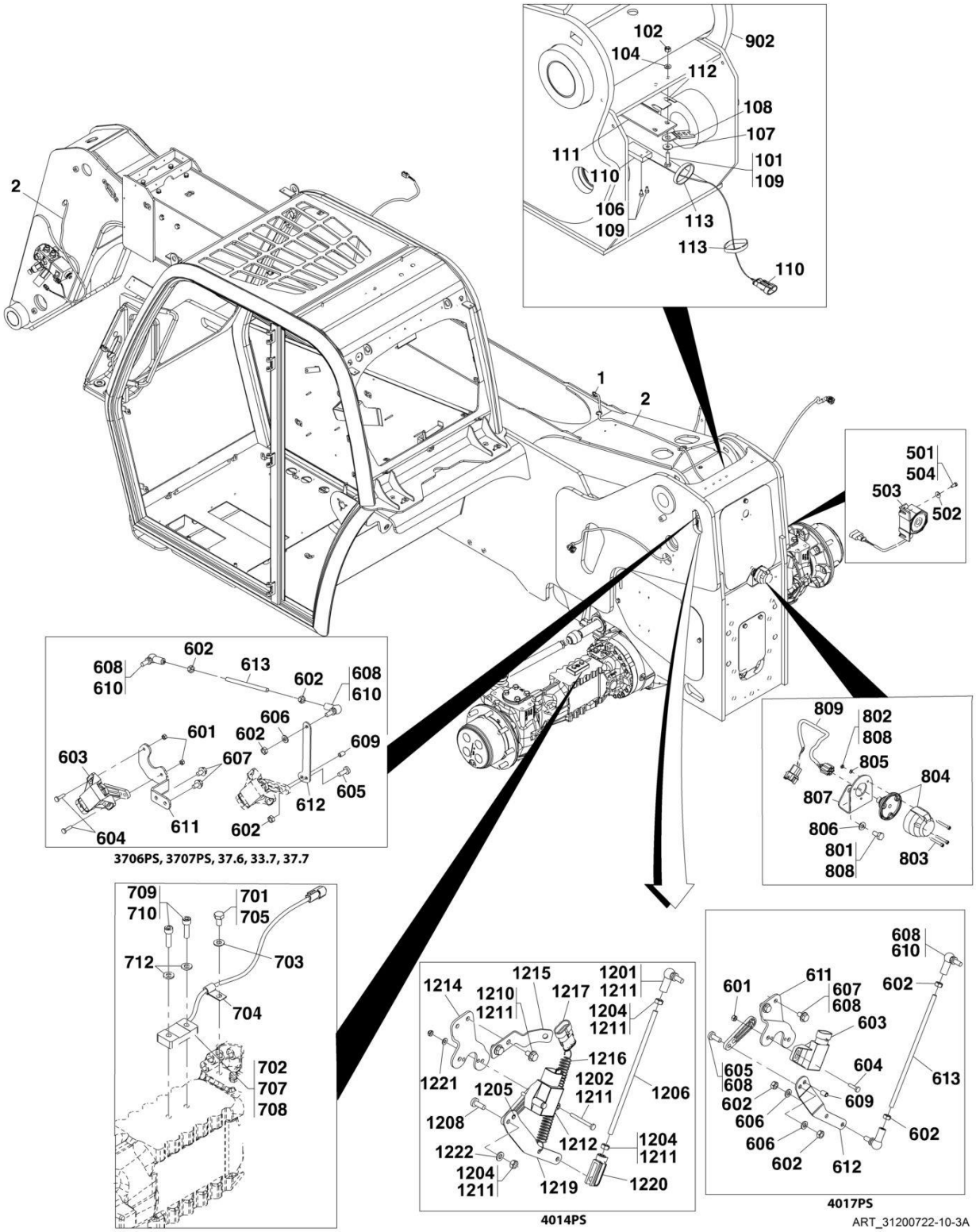

SEE DETAIL A
904
902
901
903
DETAIL A
ART_31200722-10-2_2

FIGURE 10-2. CAB ELECTRICAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139333	Ref	CAB ELECTRICAL INSTALLATION (not available to order, see items 1 thru 10 for service) (3706PS,3707PS,4014PS,4017PS)	B
1	0100089	AR	DIELECTRIC GREASE	
2	471678	AR	CABLE BAND, 4.8X204mm	
3	1062255	5	TIE STRAP	
4	4031506	1	HEX HD CAPSCREW, M4X12	
5	4360657	1	IGNITION SWITCH (3706PS,3707PS,4014PS,4017PS)	
5	70021220	1	KEY (3706PS,3707PS,4014PS,4017PS)	
6	4811400	1	WASHER, 4mm	
7	1001008571	1	GROMMET	
8	1001110789	1	TOOL CLIP	
9		Ref	CAB FLOOR HARNESS, (See CAB FLOOR HARNESS for Breakdown)	
10	1001008997	1	RECEPTACLE CAP	
	1001090239	Ref	CAB ROOF WIRING INSTALLATION, (not available to order, see items 101 thru 106 for service)	D
101	1671327	1	COVER	
102	2920209	1	LIGHT	
102	70020795	1	BULB	
103	1001112674	1	12V TERMINAL	
104	1001005347	4	PLUG	
105	1001008559	13	TY-WRAP	
106		Ref	CAB ROOF HARNESS, (See CAB ROOF HARNESS for Breakdown)	
	1001139310	Ref	LMI DISPLAY INSTALLATION (not available to order see items 201 thru 212 for service) (33.7,37.6,37.7,3706PS,3707PS)	D
	1001139609	Ref	LMI DISPLAY INSTALLATION (not available to order see items 201 thru 211 & 222 for service) (4014PS,4017PS)	D
201	0760610	1	SOCKET HD CAPSCREW, M6X20, GR8.8	
202	1001126837	4	PAN HD CAPSCREW, M4X16	
203	4811702	1	WASHER, 6mm	
204	8305919	4	NUT, M6X1	
205	1001095650	AR	LOCTITE 243	
206	1001097540	1	WASHER, 6mm	
207	1001097715	2	SCREW, M6X16	
208	1001098151	1	SCREW, M6X25	
209	1001192979	1	LSI DISPLAY	
210	1001126848	1	BRACKET	
211	1001139311	1	COVER	
212	1001128537	1	LSI HARNESS	
222	1001128293	1	CAP	
	1001090238	Ref	RADIO INSTALLATION, (not available to order, see items 301 thru 306 for service)	E
301	1671326	2	COVER	
302	1001146901	1	SPEAKER	
303	8005901	1	ANTENNA	
304	3290605	2	HEX LOCKNUT, M6X1	
305	4811700	2	WASHER, 6mm	
306	1001002911	1	BRACKET	
	1001139880	Ref	UGM INSTALLATION, (not available to order, see items 401 thru 403 for service)	J

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
401	0760618	4	HEX HD CAPSCREW, M6X50, GR8.8	
402	4811700	4	WASHER, 6mm	
403	1001131047	1	UGM CONTROLLER	
	1001091750	Ref	POWER DISTRIBUTION INSTALLATION, (not available to order, see items 501 thru 504 for service) **(Prior to SN 1160007660)**	E
	1001156749	ref	POWER DISTRIBUTION INSTALLATION, (not available to order, see items 501 thru 504 for service) **(SN 1160007660 to Present)**	A
501	1001134580	1	POWER DISTRIBUTION ASSEMBLY **(Prior to SN 1160007660)**	
501	1001156748	1	POWER DISTRIBUTION ASSEMBLY **(SN 1160007660 to Present)**	
502	3290605	5	HEX LOCKNUT, M6X1	
503	4740563	5	WASHER	
504	4811700	10	WASHER, 6mm	
	1001145378	1	RIDE CONTROL HARNESS INSTALLATION, (not available to order, see items 601 & 602 for service)	A
601	471678	5	TY-WRAP	
602		Ref	RIDE CONTROL HARNESS, (See RIDE CONTROL HARNESS for Breakdown)	
	1001154057	1	DUAL SEAT SWITCH WIRE HARNESS INSTALLATION, (includes items 701 & 702)	A
701	471678	1	BAND CABLE	
702		Ref	DUAL SEAT SWITCH HARNESS, (See DUAL SEAT SWITCH HARNESS for Breakdown)	
802	4360664	1	SWITCH BODY	
807	1001091037	1	AUXILLARY SWITCH	
	1001214998	1	MACHINE SAFETY SYSTEM OVERRIDE (MSSO) INSTALLATION	C
901		Ref	CAB SWITCHES, (See CAB SWITCHES for Breakdown)	
902	1001214539	1	3B PLATFORM HARNESS, (See 3B PLATFORM HARNESS for Breakdown)	
903	1001218564	1	DECAL, MSSO DESCENT	
904	4460465	1	TERMINAL	

FIGURE 10-3. BOOM AND FRAME ELECTRICAL INSTALLATION



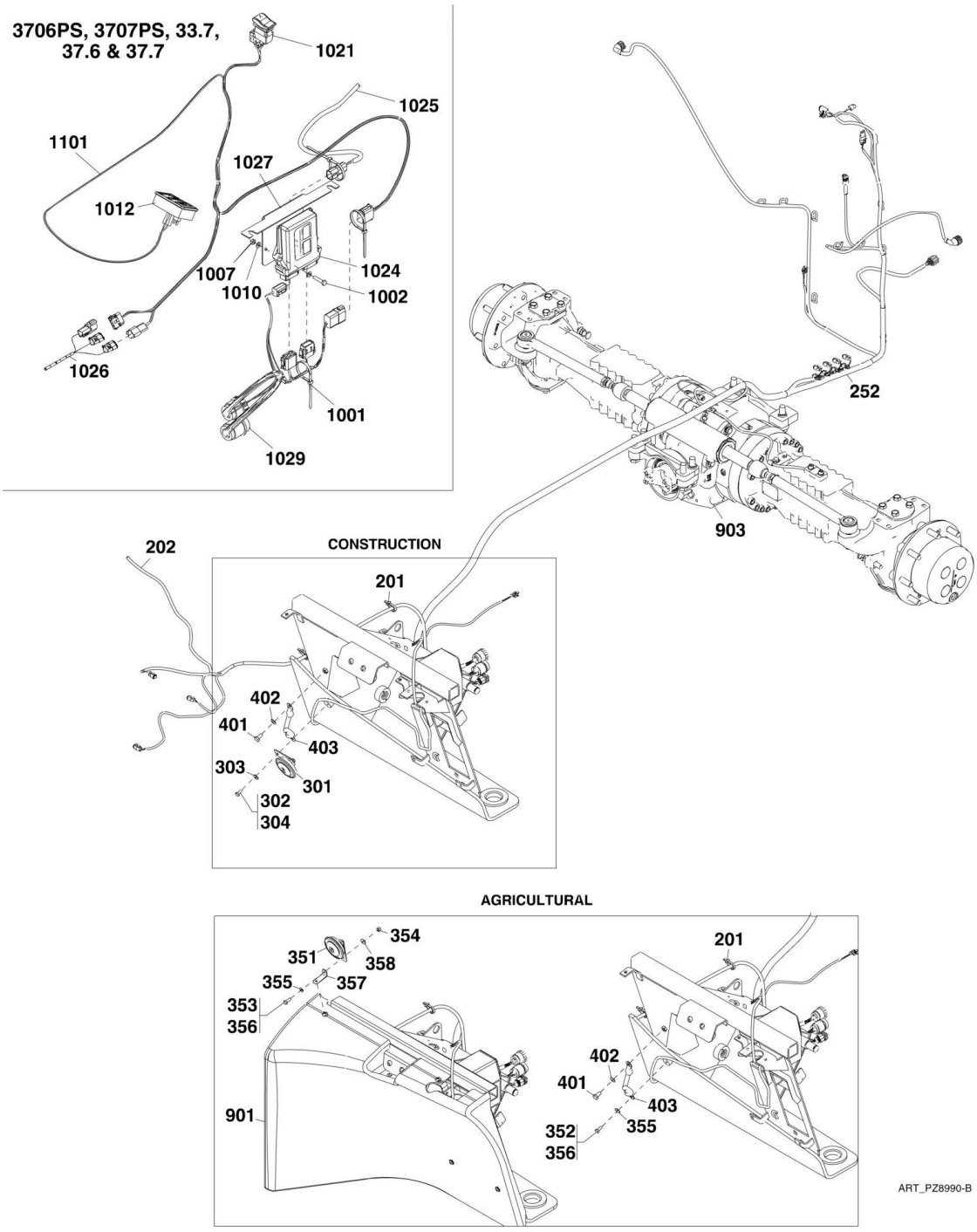

3706PS, 3707PS, 33.7,
37.6 & 37.7
1021
1025
1101
1027
1012
1007
1010
1024
1002
1026
1001
1029
252
903
202
CONSTRUCTION
201
402
401
403
303
301
302
304
AGRICULTURAL
354
351
358
355
357
353
356
901
201
402
401
403
352
355
356
ART_PZ8990-B

FIGURE 10-3. BOOM AND FRAME ELECTRICAL INSTALLATION

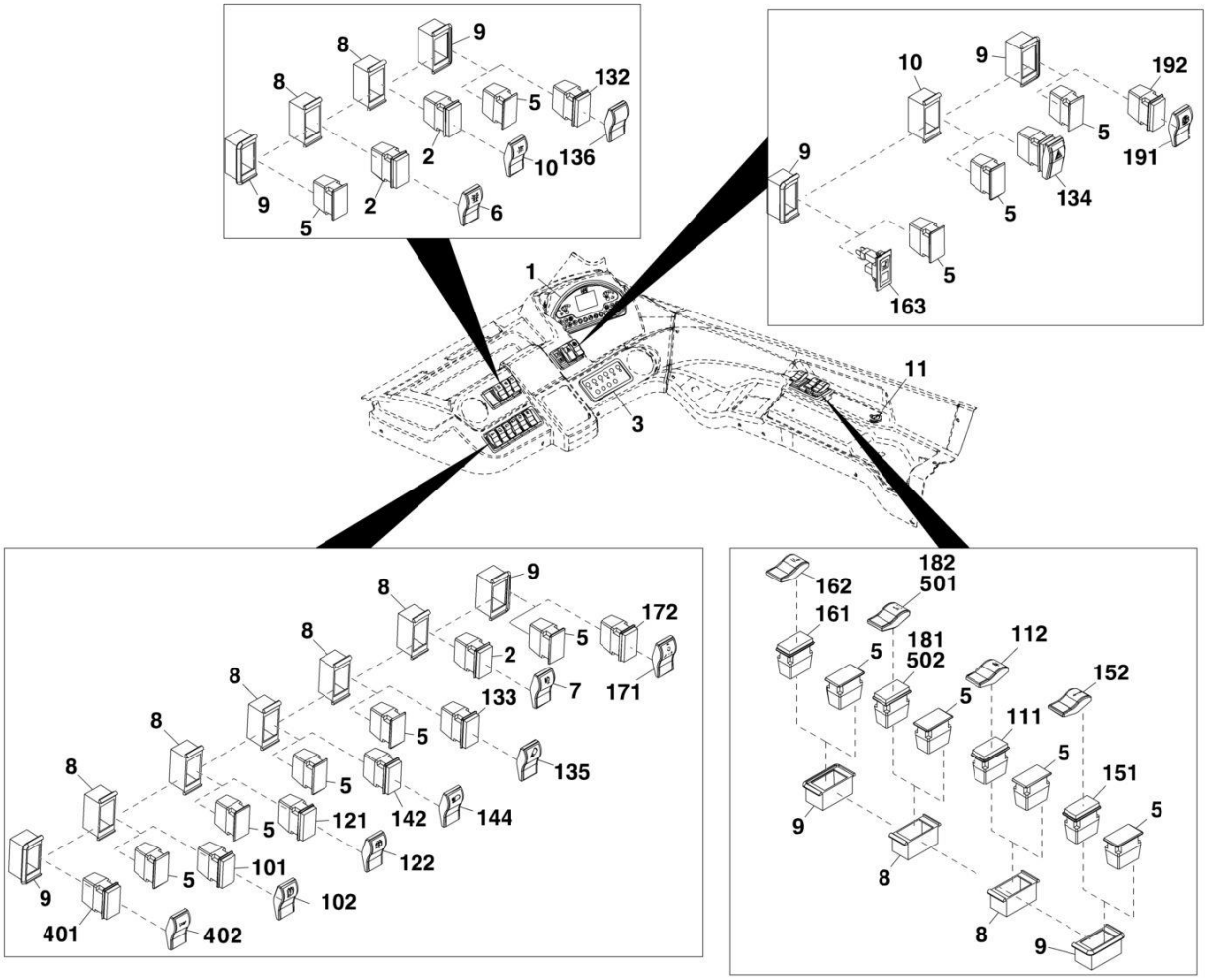
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001090155	Ref	BOOM WIRING INSTALLATION, (not available to order, see items 1 & 2 for service)	F
1	1001008923	10	CABLE STRAP	
2		Ref	BOOM HARNESS, (See BOOM HARNESS for Breakdown)	
	1001125823	Ref	PROXIMITY SENSOR INSTALLATION, (not available to order, see items 101 thru 113 for service)	C
101	0760614	2	HEX HD CAPSCREW, M6X30, GR8.8	
102	3290605	2	HEX LOCK NUT, M6X1	
104	4811700	2	WASHER, 6mm	
106	4031504	2	SOCKET HD SCREW, M4X8	
107	4811702	2	WASHER, 6mm	
108	1001008593	1	CLIP	
109	1001095650	AR	LOCTITE 243	
110	1001121021	1	PROXIMITY SENSOR	
111	1001129902	1	PLATE	
112	1001130032	AR	SHIM	
113	1001008923	2	CABLE STRAP	
	1001090219	Ref	FRONT FRAME HARNESS INSTALLATION, (not available to order, see items 201 & 202 for service)	A
201	1001008923	12	CABLE STRAP	
202		Ref	FRONT FRAME HARNESS, (See FRONT FRAME HARNESS for Breakdown)	
	1001090222	Ref	REAR FRAME HARNESS INSTALLATION, (not available to order, see items 251 & 252 for service)	C
251	1001008923	AR	CABLE STRAP, (not shown)	
252		Ref	REAR FRAME HARNESS, (See REAR FRAME HARNESS for Breakdown)	
	1001100089	Ref	HORN INSTALLATION, (Construction), (not available to order, see items 301 thru 304 for service)	B
301	1001003596	1	HORN	
302	0760810	1	HEX HD CAPSCREW, M8X20, GR8.8	
303	4811902	1	WASHER, 8MM	
304	1001095650	AR	LOCTITE 243	
	1001104438	Ref	HORN INSTALLATION, (Agricultural), (not available to order, see items 351 thru 358 for service)	C
351	1001003596	1	HORN	
352	0760808	1	HEX HD CAPSCREW, M8X16, GR8.8	
353	0760810	1	HEX HD CAPSCREW, M8X20, GR8.8	
354	3290805	1	HEX LOCKNUT, M8X1.25	
355	4811900	2	WASHER, 8mm	
356	1001095650	AR	LOCTITE 243	
357	1001104437	1	BRACKET	
358	4811902	1	WASHER, 8MM	
	1001100088	Ref	FRAME-CAB GROUND INSTALLATION, (not available to order, see items 401 thru 403 for service)	A
401	0761010	1	HEX HD CAPSCREW, M10X20, GR8.8	
402	4812000	1	WASHER, 10mm	
403	1001009038	1	GROUND CABLE	
	1001100653	Ref	BACK-UP ALARM INSTALLATION, (not available to order, see items 501 thru 504 for service)	B
501	0760607	2	HEX HD CAPSCREW, M6X14, GR8.8	
502	4811702	2	WASHER, 6mm	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
503	1001101808	1	BACKUP ALARM	
504	1001095650	AR	LOCTITE 243	
	1001132193	Ref	BOOM ANGLE SENSOR INSTALLATION (not available to order, see items 601 thru 613 for service) (33.7,37.6,37.7,3706PS,3707PS)	A
	1001099349	Ref	BOOM ANGLE SENSOR, INSTALL (not available to order, see items 601 thru 604 and 606 thru 614 for service) (4014PS)	E
	1001112890	Ref	BOOM ANGLE SENSOR, INSTALL (not available to order, see items 601 thru 613 for service) (4017PS)	B
601	3290405	2	HEX LOCKNUT, M4X0.7	
602	3290601	4	HEX NUT, M6X1 (33.7,37.6,37.7,3706PS,3707PS,4017PS)	
602	3290601	3	HEX NUT, M6X1 (4014PS)	
603	4000015	1	SENSOR	
604	4010408	2	SCREW, M4X16	
605	4010608	1	SCREW, M6X16 (33.7,37.6,37.7,3706PS,3707PS,4017PS)	
606	4811700	AR	WASHER, 6mm	
607	5200605	2	BOLT, M6X10	
608	1001095650	AR	LOCTITE 243	
609	1001103156	1	PIN	
610	1001103300	2	BALL JOINT, M6X25 (33.7,37.6,37.7,3706PS,3707PS,4017PS)	
610	1001103300	1	BALL JOINT, M6X25 (4014PS)	
611	1001131945	1	BRACKET (33.7,37.6,37.7,3706PS,3707PS)	
611	1001101145	1	BRACKET (4014PS,4017PS)	
612	1001132191	1	LINK (33.7,37.6,37.7,3706PS,3707PS)	
612	1001112393	1	LINK (4017PS)	
612	1001134483	1	LINK (4014PS)	
613	1001132192	1	ROD (33.7,37.6,37.7,3706PS,3707PS)	
613	3841763	1	ROD (4014PS,4017PS)	
614	1001134274	1	CLEVIS (4014PS)	
	1001121879	Ref	LSI SENSOR INSTALLATION, (not available to order, see items 701 thru 712 for service)	E
701	0761009	1	HEX HD CAPSCREW, M10X18, GR8.8	
702	1001116128	AR	POLY-SILOXANE SEALANT	
703	4812000	1	WASHER, 10mm	
704	1001008773	1	CLIP	
705	1001095650	AR	LOCTITE 243	
707	1001125465	AR	LOCTITE 7063	
708	1001160730	1	REAR AXLE LSI SENSOR	
709	5272011	2	SOCKET HD CAPSCREW, M10X35	
710	1001129425	AR	LOCTITE 246	
712	1001009092	2	WASHER	
	1001100652	Ref	TRAILER ELECTRICAL INSTALLATION, (not available to order, see items 801 thru 809 for service)	C
801	0761010	1	HEX HD CAPSCREW, M10X20, GR8.8	
802	3290501	3	HEX NUT, M5X0.8	
803	4031612	3	SOCKET HD CAPSCREW, M5X40	
804	4461170	1	7 PIN TRAILER CONNECTOR	
805	4811600	3	WASHER, 5mm	
806	4812000	1	Washer, 10mm	
807	1001100614	1	BRACKET	
808	1001095650	AR	LOCTITE 243	
809	1001111743	1	TRAILER JUMPER HARNESS	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
901		Ref	FRONT CAB COVER INSTALLATION, (See CAB SECTION for Breakdown)	
902		Ref	FIRST BOOM SECTION, (See BOOM SECTION for Breakdown)	
903		Ref	REAR AXLE, (See DRIVE TRAIN SECTION for Breakdown)	
1001	471678	3	BAND CABLE	
1002	0760613	2	HEX HD CAPSCREW, M6X28, GR8.8	
1007	3290601	2	HEX NUT, M6X1	
1010	4811700	4	WASHER, 6mm	
1012		Ref	3 POSITION SWITCH FRAME, (See CAB SWITCHES for Breakdown)	
1021		Ref	RIDE CONTROL SWITCH KEY, (See CAB SWITCHES for Breakdown)	
1024	1001151975	1	ACCESSORY CONTROL MODULE	
1025		Ref	RIDE AND FLOAT CHASSIS HARNESS, (See RIDE AND FLOAT CHASSIS HARNESS for Breakdown)	
1026		Ref	CAB AUX POWER EXTENSION HARNESS, (See CAB AUXILIARY POWER EXTENSION HARNESS for Breakdown)	
1027	1001112824	1	MODULE BRACKET	
1029		Ref	RIDE AND FLOAT CONTROLLER HARNESS, (See RIDE AND FLOAT CONTROLLER HARNESS for Breakdown)	
1101		Ref	RIDE AND FLOAT CAB HARNESS, (See RIDE AND FLOAT CAB HARNESS for Breakdown)	
	1001102545	Ref	BOOM ANGLE SENSOR INSTALLATION (ACCESS PLATFORM - If equipped) (not available to order, see items 1201 thru 1220 for service) (4014PS)	F
	1001112400	Ref	BOOM ANGLE SENSOR INSTALLATION (ACCESS PLATFORM - If equipped) (not available to order, see items 1201 thru 1222 for service) (4017PS)	A
1201	1001103300	1	BALL JOINT, M6X25 (4014PS)	
1201	1001103300	2	BALL JOINT, M6X25 (4017PS)	
1202	4010415	2	POZIDRIV PAN HD SCREW, M4 X 35mm LG (4014PS)	
1202	4010416	2	POZIDRIV PAN HD SCREW, M4 X 35mm LG (4017PS)	
1204	3290601	3	HEX NUT, M6X1 (4014PS)	
1204	3290601	4	HEX NUT, M6X1 (4017PS)	
1205	1001103156	1	PIN	
1206	3841763	1	LINKAGE, ROD	
1208	4010608	1	POSI-DRIVE MACHINE SCREW, M6X16	
1210	5200605	2	RIPP BOLT, M6X10mm	
1211	1001095650	AR	LOCTITE 243	
1212	1001099717	1	ANGLE SENSOR	
1214	1001101145	1	BOOM ANGLE SENSOR, BRACKET	
1215	1001102627	1	SPRING SUPPORT, BRACKET (4014PS)	
1215	1001112380	1	SPRING SUPPORT, BRACKET (4017PS)	
1216	1001093875	1	EXTENSION SPRING	
1219	1001134483	1	LINK (4014PS)	
1219	1001112393	1	LINK (4017PS)	
1220	1001134274	1	CLEVIS (4014PS)	
1221	4811400	2	WASHER, 4mm (4017PS)	
1222	4811700	2	WASHER, 6mm (4017PS)	
1217	1001106994	1	CONNECTOR	

FIGURE 10-4. CAB SWITCHES



ART_31200722-10-4

FIGURE 10-4. CAB SWITCHES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139102	1	CAB SWITCHES INSTALLATION (not available to order, see items 1 thru 12 for service) (3706PS,3707PS,4014PS,4017PS)	A
1	1600449	1	GAUGE CLUSTER (3706PS,3707PS,4014PS,4017PS)	
2	4360644	3	BODY SWITCH	
3	4360660	1	SWITCH KEYPAD (3706PS,3707PS,4014PS,4017PS)	
5	4360669	14	BLANK SWITCH ASSEMBLY, (includes body and cover), (if equipped)	
6	1001090590	1	BEACON SWITCH KEY	
7	1001090591	1	BOOM SWITCH KEY	
8	1001090606	10	SWITCH HOLDER	
9	1001090607	8	SWITCH HOLDER END	
10	1001090610	1	XMSN NEUTRALIZER SWITCH KEY	
11	1001095804	1	12V POWER CONNECTOR	
101	4360642	1	ROOF WIPER SWITCH BODY, (if equipped)	
102	1001090612	1	ROOF WIPER SWITCH KEY, (if equipped)	
111	4360665	1	AUX HYD SWITCH BODY	
112	1001090584	1	AUX HYD SWITCH KEY	
121	4360642	1	REAR WIPER SWITCH BODY	
122	1001090582	1	REAR WIPER SWITCH KEY	
132	4360644	1	SWITCH BODY	
133	4360653	1	SWITCH BODY	
134	1001090570	1	HAZARD SWITCH	
135	1001090583	1	DRIVING LIGHTS SWITCH KEY	
136	1001090596	1	FOG LIGHTS SWITCH KEY	
142	4360653	1	FRONT WORKLIGHTS SWITCH BODY, (if equipped)	
144	1001090592	1	FRONT WORKLIGHTS SWITCH KEY, (if equipped)	
151	4360647	1	TRAILER BRAKE SWITCH BODY	
152	1001090614	1	TRAILER BRAKE SWITCH KEY	
161	1001092861	1	RIDE CONTROL SWITCH BODY	
162	1001107684	1	RIDE CONTROL SWITCH KEY	
163	2420213	1	LAMP ASSY (includes holder and bulb)	
164	4360639	1	TRAILER BRAKE INDICATOR (not shown)	
171	1001090604	1	HYDRAULIC COUPLER SWITCH KEY	
172	1001090605	1	HYDRAULIC COUPLER SWITCH BODY	
181	4360647	1	FRAME LEVELING SWITCH BODY, (if equipped)	
182	1001090594	1	FRAME LEVELING SWITCH KEY, (if equipped)	
191	1001092420	1	FAN REVERSE SWITCH KEY, (if equipped)	
192	4360642	1	FAN REVERSE SWITCH BODY, (if equipped)	
301	2420213	1	LAMP ASSY (includes holder and bulb), (if equipped with Italian trailer brake) (not shown)	
401	1001092861	1	SWITCH, SPDT MOMENTARY, (if equipped with Joystick Mounted FNR)	
402	1001130551	1	SWITCH KEY, HORN, (if equipped with Joystick Mounted FNR)	
433	1001108527	1	SYMBOL PLATE, RIDE CONTROL, (not shown)	
501	4360642	1	SWITCH BODY	
502	1001214974	1	MSSO 3B SWITCH, KEY	

FIGURE 10-5. WORKLIGHT INSTALLATIONS

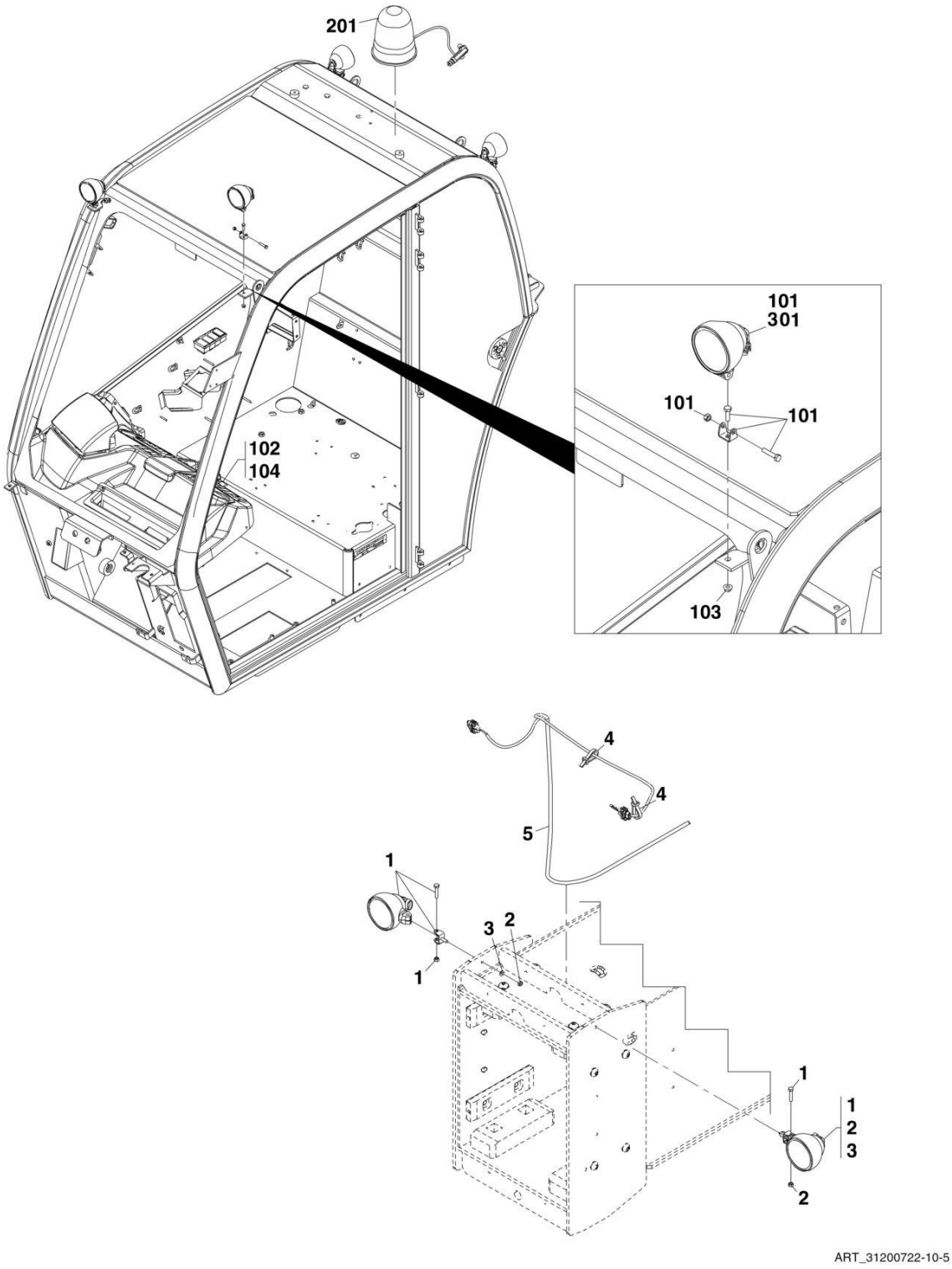
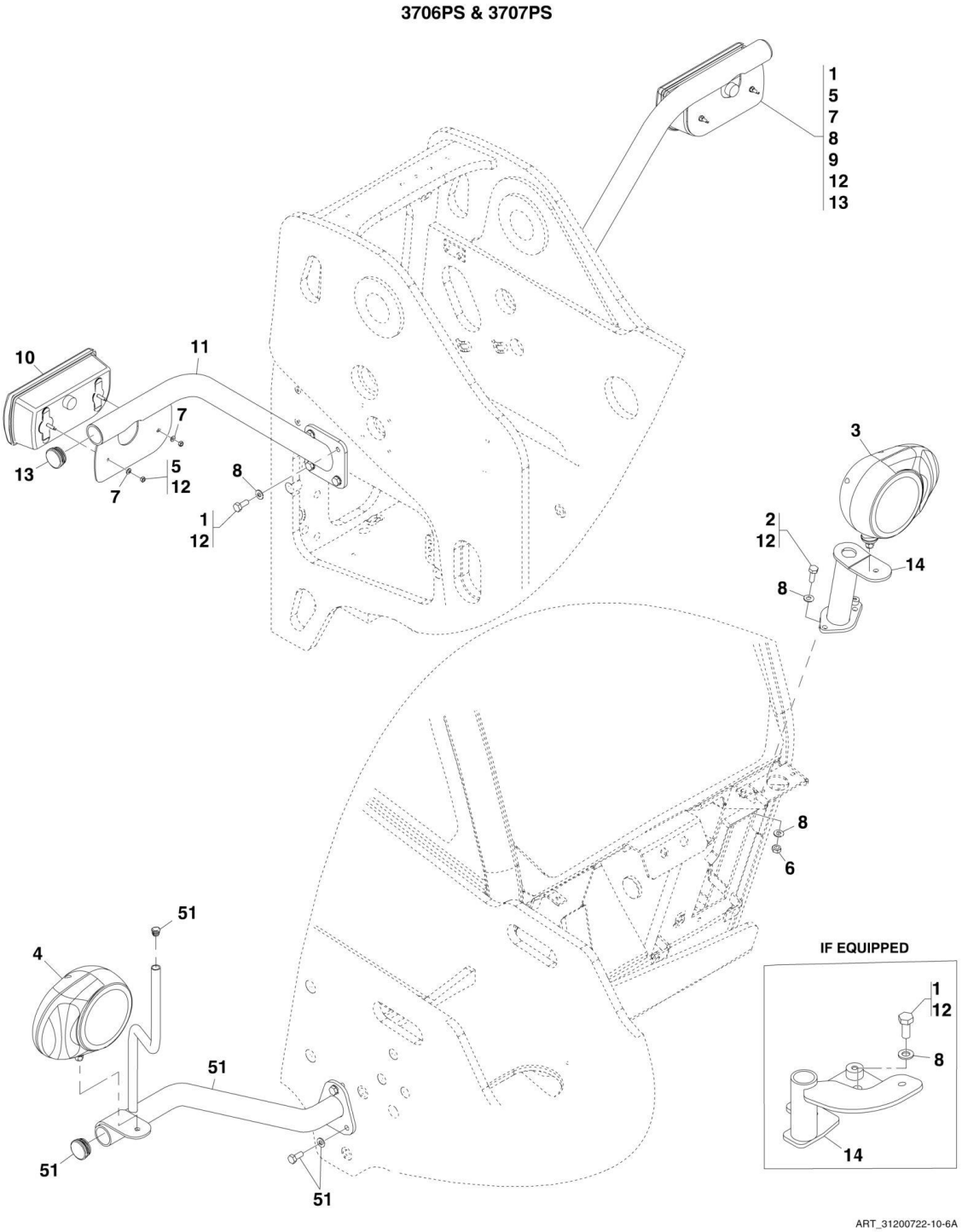


FIGURE 10-5. WORKLIGHT INSTALLATIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001090157	Ref	BOOM WORK LIGHT INSTALLATION, (not available to order, see items 1 thru 5 for service)	B
1	2920206	2	WORK LIGHT	
1	70020796	1	REPLACEMENT BULB, 12V-50W	
2	3290601	2	HEX NUT, M6X1	
3	4811700	2	WASHER, 6mm	
4	1001008923	9	TY-WRAP	
5		Ref	BOOM WORK LIGHT HARNESS, (See BOOM LIGHT HARNESS for Breakdown)	
	1001131282	Ref	CAB WORK LIGHTS INSTALLATION, (not available to order, see items 101 thru 104 for service)	C
101	2920206	4	WORK LIGHT	
101	70020796	1	REPLACEMENT BULB, 12V-50W	
102		Ref	CAB WORK LIGHT SWITCH BODY, (See CAB SWITCHES for Breakdown)	
103	5220600	4	NUT, 6mm, GR10	
104		Ref	CAB WORK LIGHT SWITCH KEY, (See CAB SWITCHES for Breakdown)	
	1001090626	Ref	BEACON LIGHT INSTALLATION, (not available to order, see item 201 for service)	C
201	1001091573	NLA	BEACON LIGHT (no longer available, use 1001217623 for replacement)	
201	1001217623	1	BEACON LIGHT	
301	1001095650	AR	LOCTITE 243	

FIGURE 10-6. DRIVING LIGHTS (33.7,37.6,37.7,3706PS,3707PS)



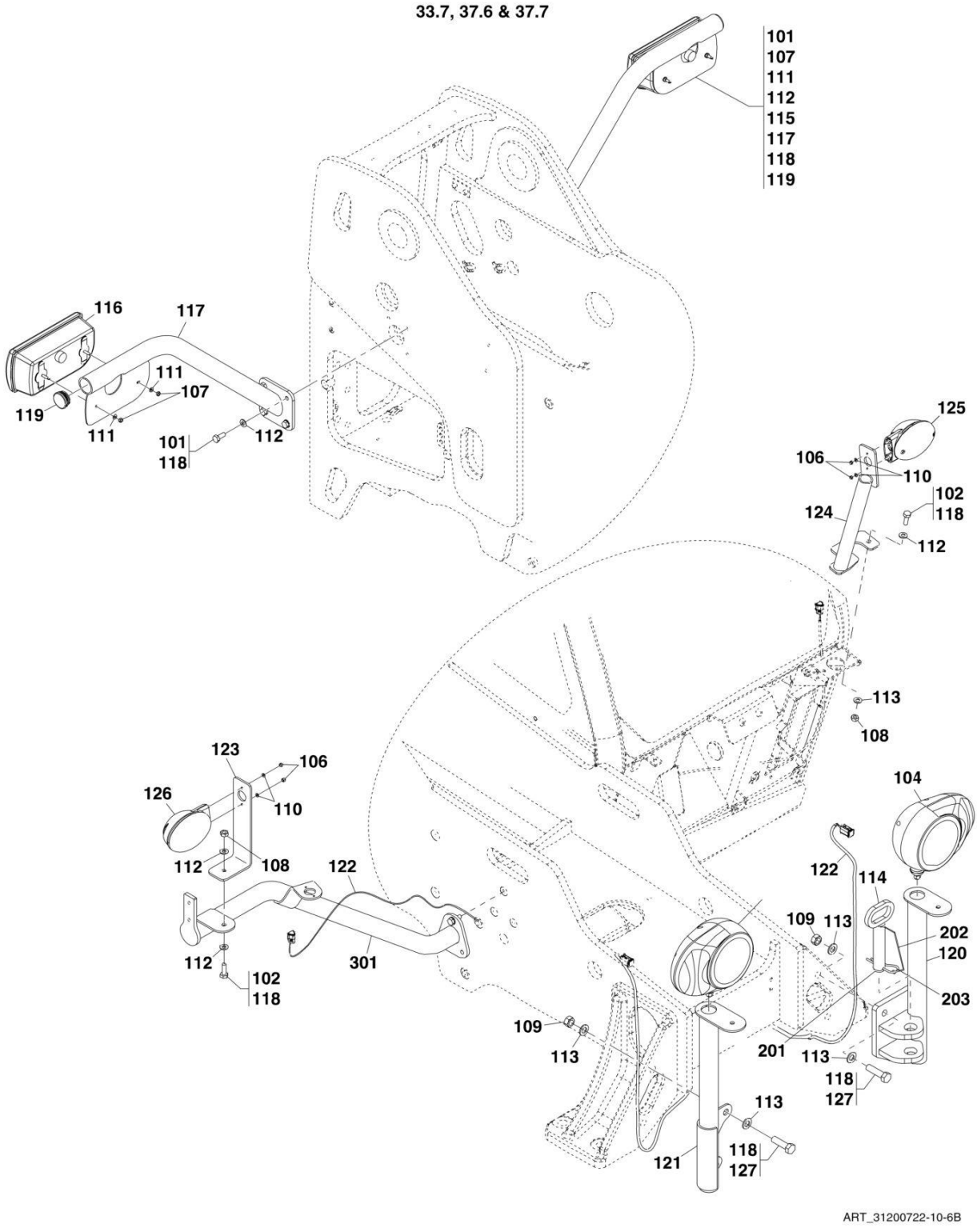

33.7, 37.6 & 37.7
101
107
111
112
115
117
118
119
116
117
111
107
119
111
101
118
112
125
106
110
102
118
124
112
113
108
123
106
126
110
112
108
122
112
102
118
301
104
122
114
109
113
202
120
203
109
113
201
113
118
127
113
118
127
121
ART_31200722-10-6B

FIGURE 10-6. DRIVING LIGHTS (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001125518	Ref	RH DIP DRIVE LIGHTS INSTALLATION, (Construction - AUS and CE, if equipped), (not available to order, see items 1 thru 14 & 51 for service)	D
	1001125515	Ref	RH DIP DRIVE LIGHTS INSTALLATION, (Construction - CE, if equipped with remote HVAC intake), (not available to order, see items 1 thru 14 & 51 for service)	F
	1001125513	Ref	LH DIP DRIVE LIGHTS INSTALLATION, (Construction - AUS, UK, Ireland and Hewden, if equipped), (not available to order, see items 1 thru 15 & 51 for service)	D
	1001125514	Ref	LH DIP DRIVE LIGHTS INSTALLATION, (Construction - AUS, UK, Ireland and Hewden, if equipped with remote HVAC intake), (not available to order, see items 1 thru 14 & 51 for service)	F
1	0761012	8	HEX HD CAPSCREW, M10X25, GR8.8	
2	0761014	2	HEX HD CAPSCREW, M10X30, GR8.8	
3	2920207	1	LH DRIVE LIGHT, (RH DIP)	
3	1001002779	1	LH DRIVE LIGHT, (LH DIP)	
3	7029969	1	BULB, (RH DIP and LH DIP)	
3	7029970	1	BULB, 55W, (RH DIP and LH DIP)	
3	7029971	1	BULB, 21W, (RH DIP and LH DIP)	
4	2920208	1	RH DRIVE LIGHT, (RH DIP)	
4	1001002778	1	RH DRIVE LIGHT, (LH DIP)	
4	7029969	1	BULB, (RH DIP and LH DIP)	
4	7029970	1	BULB, 55W, (RH DIP and LH DIP)	
4	7029971	1	BULB, 21W, (RH DIP and LH DIP)	
5	3290601	4	HEX NUT, M6X1	
6	3291001	2	HEX NUT, M10X1.5	
7	4811700	4	WASHER, 6mm	
8	4812000	12	WASHER, 10mm	
9	1001091715	1	LH REAR LIGHT	
9	70021341	1	BULB, 5W	
9	70021340	1	BULB, 21W	
9	7029971	1	BULB, 21W	
10	1001091716	1	RH REAR LIGHT	
10	70021341	1	BULB, 5W	
10	70021340	1	BULB, 21W	
10	7029971	1	BULB, 21W	
11	1001092375	2	BRACKET	
12	1001095650	AR	LOCTITE 243	
13	1001096913	2	CAP	
14	1001157689	1	BRACKET	
14	1001214521	1	BRACKET, (if equipped with remote HVAC intake)	
15		Ref	SHIFTER SWITCH ASSY, (not shown), (See CONTROLS SECTION for Breakdown)	
51		Ref	MIRROR BRACKET AND HARDWARE, (See FRAME AND ATTACHING PARTS for Breakdown)	
	1001134081	Ref	RH DIP DRIVE LIGHTS INSTALLATION, (Agricultural - CE, if equipped), (not available to order, see items 101 thru 127 for service)	I
	1001134310	Ref	LH DIP DRIVE LIGHTS INSTALLATION, (Agricultural - UK and Ireland, if equipped), (not available to order, see items 101 thru 127 for service)	I
101	0761012	8	HEX HD CAPSCREW, M10X25, GR8.8	
102	0761014	3	HEX HD CAPSCREW, M10X30, GR8.8	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
103	0761619	2	HEX HD CAPSCREW, M16X55, GR8.8	
104	2920207	1	LH DRIVE LIGHT, (RH DIP)	
104	1001002779	1	LH DRIVE LIGHT, (LH DIP)	
104	7029969	1	BULB, (RH DIP and LH DIP)	
104	7029970	1	BULB, 55W, (RH DIP and LH DIP)	
104	7029971	1	BULB, 21W, (RH DIP and LH DIP)	
105	2920208	1	RH DRIVE LIGHT, (RH DIP)	
105	1001002778	1	RH DRIVE LIGHT, (LH DIP)	
105	7029969	1	BULB, (RH DIP and LH DIP)	
105	7029970	1	BULB, 55W, (RH DIP and LH DIP)	
105	7029971	1	BULB, 21W, (RH DIP and LH DIP)	
106	3290501	4	HEX NUT, M5X0.8	
107	3290601	4	HEX NUT, M6X1	
108	3291001	3	HEX NUT, M10X1.5	
109	3291601	4	HEX NUT, M16X2	
110	4811600	4	WASHER, 5mm	
111	4811700	4	WASHER, 6mm	
112	4812000	14	WASHER, 10mm	
113	4812300	8	WASHER, 16mm	
114	1001003391	1	PIN ASSEMBLY, (includes items 201 thru 203)	B
115	1001091715	1	LH REAR LIGHT	
115	70021341	1	BULB, 5W	
115	70021340	1	BULB, 21W	
115	7029971	1	BULB, 21W	
116	1001091716	1	RH REAR LIGHT	
116	70021341	1	BULB, 5W	
116	70021340	1	BULB, 21W	
116	7029971	1	BULB, 21W	
117	1001092375	2	BRACKET	
118	1001095650	AR	LOCTITE 243	
119	1001096913	2	CAP	
120	1001144326	1	BRACKET	
121	1001168802	1	BRACKET	
122		Ref	HEADLIGHT EXTENSION HARNESS, (See HEADLIGHT EXTENSION HARNESS for Breakdown)	
123	1001147290	1	BRACKET, RH LIGHT	
124	1001157278	1	BRACKET, LH LIGHT	
125	1001105167	1	LH SIDELIGHT	
126	1001105168	1	RH SIDELIGHT	
127	1001110853	2	HEX HD CAPSCREW, M16X70, GR8.8	
201	1001003339	1	PIN	
202	1001003487	1	CABLE	
203	1001008688	1	COTTER PIN	
301		Ref	LIGHT BRACKET AND HARDWARE, (See FRAME AND ATTACHING PARTS for Breakdown)	

FIGURE 10-7. DRIVING LIGHTS (4014PS,4017PS)

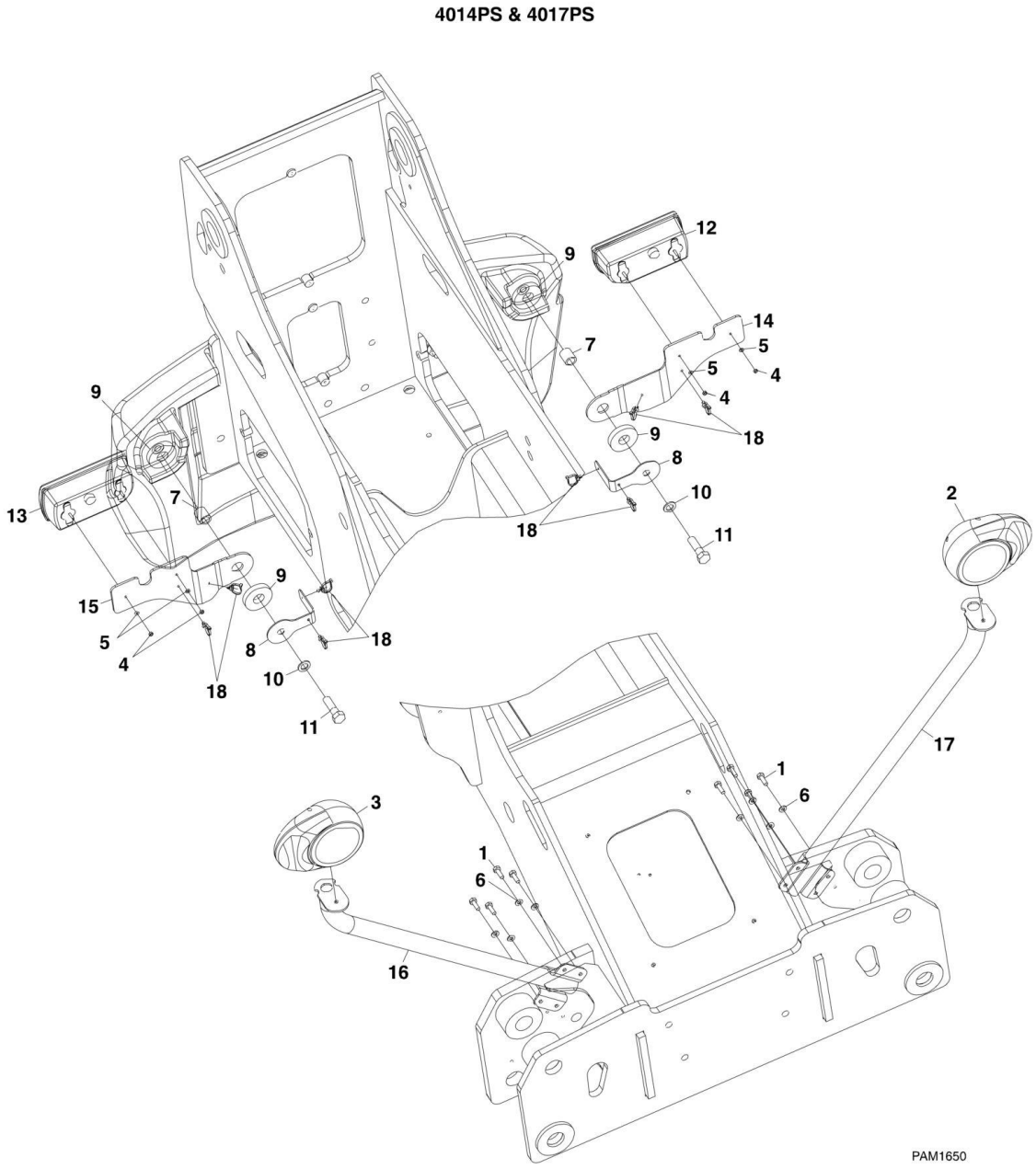
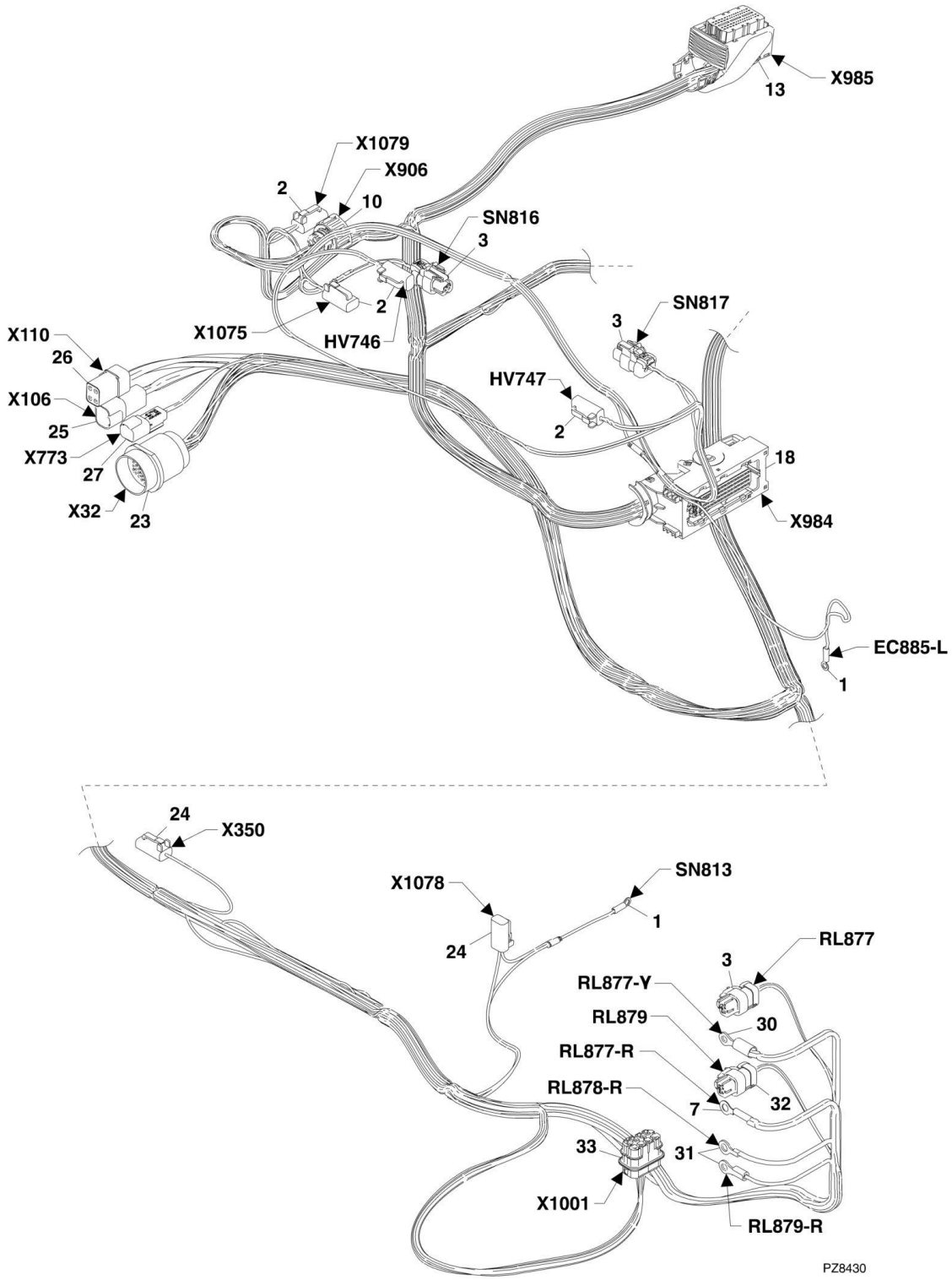
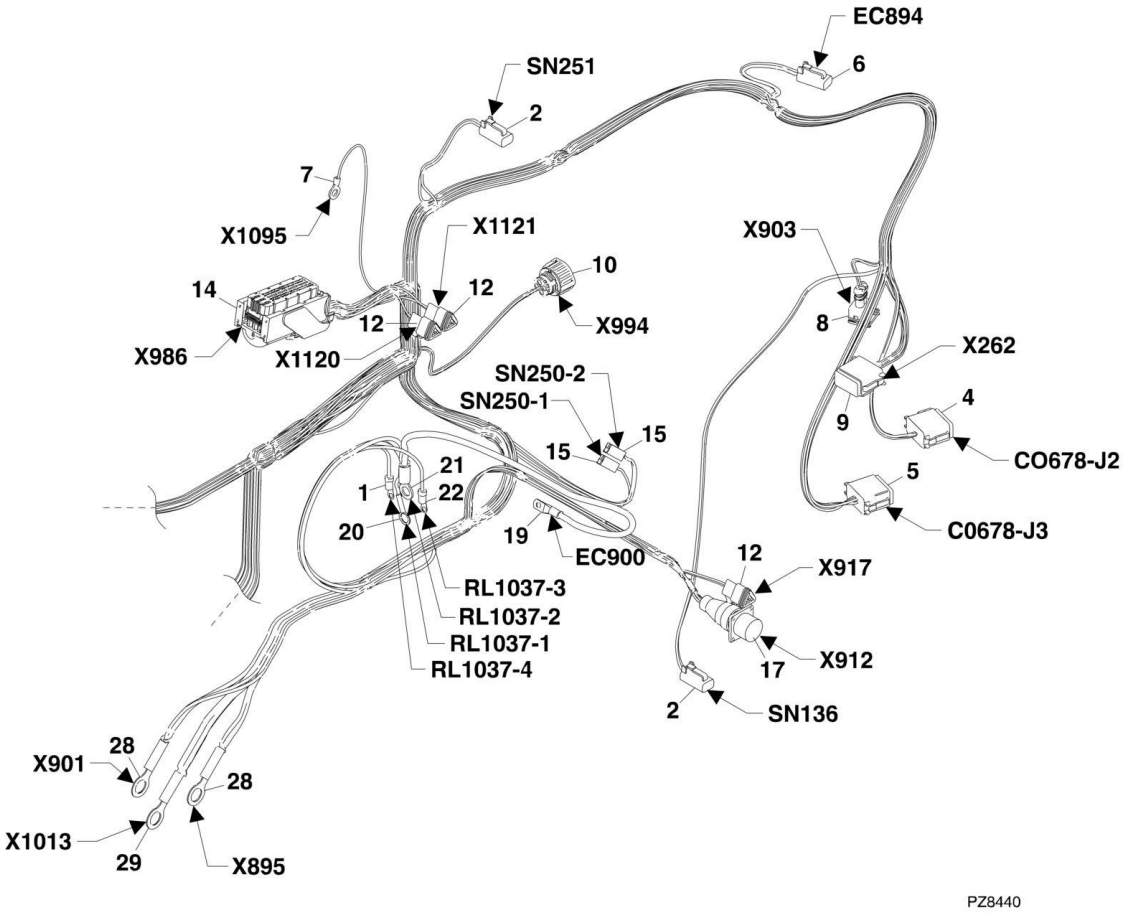


FIGURE 10-7. DRIVING LIGHTS (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001093179	Ref	DRIVING LIGHT INSTALLATION, (Italy, Germany, France and ANSI), (not available to order, see items 1 thru 18 for service)	D
	1001096953	Ref	DRIVING LIGHT INSTALLATION, (UK, Ireland, CE and Hewden), (not available to order, see items 1 thru 18 for service)	C
	1001115312	Ref	RH DRIVING LIGHT INSTALLATION (Germany) (not available to order, see items 1 thru 15, 17 & 18) (4017PS)	A
	1001115232	Ref	DRIVING LIGHT INSTALLATION (UK, Ireland, CE and Hewden) (not available to order, see items 1 thru 15, 17 & 18) (4017PS)	A
1	0761014	8	HEX HD CAPSCREW, M10X30, GR8.8	
2	0761014	4	HEX HD CAPSCREW, M10X30, GR8.8 (4017PS)	
2	2920207	1	LH DRIVING LIGHT, (Italy, Germany, France and ANSI)	
2	1001002779	1	LH DRIVING LIGHT, (UK, Ireland, CE and Hewden)	
2	7029969	1	REPLACEMENT BULB	
2	7029970	1	REPLACEMENT BULB, 55W	
2	7029971	1	REPLACEMENT BULB, 21W	
3	2920208	1	RH DRIVING LIGHT, (Italy, Germany, France and ANSI)	
3	1001002778	1	RH DRIVING LIGHT, (UK, Ireland, CE and Hewden)	
3	7029969	1	REPLACEMENT BULB	
3	7029970	1	REPLACEMENT BULB, 55W	
3	7029971	1	REPLACEMENT BULB, 21W	
4	3290601	4	HEX NUT, M6X1	
5	4811700	4	WASHER, 6mm	
6	4812000	8	WASHER, 10mm	
6	4812000	4	WASHER,10mm (4017PS)	
7	1001005697	2	TUBE	
8	1001005698	2	BRACKET	
9	1001005699	4	RUBBER WASHER	
10	1001009094	2	HARD WASHER	
11	1001009102	2	BOLT, M20X2.5	
12	1001091715	1	LH REAR LIGHT	
12	70021341	1	REPLACEMENT BULB, 5W	
12	70021340	1	REPLACEMENT BULB, 21W	
12	7029971	1	REPLACEMENT BULB, 21W	
13	1001091716	1	RH REAR LIGHT	
13	70021341	1	REPLACEMENT BULB, 5W	
13	70021340	1	REPLACEMENT BULB, 21W	
13	7029971	1	REPLACEMENT BULB, 21W	
14	1001093162	1	BRACKET	
15	1001093163	1	BRACKET	
16	1001094704	1	BRACKET	
17	1001094709	1	BRACKET	
18	1001004720	8	STRAP CABLE	

FIGURE 10-8. ENGINE BAY HARNESS (Prior to SN 1160006748, Excluding 11600065999)




EC894
6
SN251
2
7
X1095
X1121
X903
10
14
12
12
X994
8
X262
X986
X1120
SN250-2
SN250-1
4
9
15
15
CO678-J2
21
5
1
22
C0678-J3
20
19
EC900
12
X917
RL1037-3
RL1037-2
RL1037-1
RL1037-4
17
X912
2
SN136
28
X901
28
X1013
29
X895
PZ8440

X986

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	RED	061-14-1	2.5 mm²	FLRYW
2	BLK	000-52-1	2.5 mm²	FLRYW
3	RED	061-14-2	2.5 mm²	FLRYW
4	BLK	000-52-2	2.5 mm²	FLRYW
5	RED	061-14-3	2.5 mm²	FLRYW
6	BLK	000-52-3	2.5 mm²	FLRYW
7				
8				
9				
10				
11				
12				
13	WHT	105-2	0.75 mm²	FLRYW
14				
15	GRY	048-1	0.75 mm²	FLRYW
16	WHT	048-23	0.75 mm²	FLRYW
17				
18				
19				
20				
21				
22				
23				
24				
25				
26	BLK	000-72	0.75 mm²	FLRYW
27				
28	GRY	048-32	0.75 mm²	FLRYW
29	WHT	201-2	0.75 mm²	FLRYW
30				
31				
32				
33				
34				
35	GRY	048-10	0.75 mm²	FLRYW
36				
37				
38	WHT	106-8	0.75 mm²	FLRYW
39				
40				
41				
42				
43				
44	WHT	102-2	0.75 mm²	FLRYW
45				
46	YEL	057-1	0.75 mm²	FLRYW
47				
48				
49				
50				
51				
52				
53	BLK	1-14 CAN CABLE L	0.75 mm²	CABLE
54	RED	1-13 CAN CABLE H	0.75 mm²	CABLE
55				
56	WHT	106-2	0.75 mm²	FLRYW
57	WHT	103-2	0.75 mm²	FLRYW
58				
59				
60				
61	WHT	106-1	0.75 mm²	FLRYW
62	BLK	058-8	0.75 mm²	FLRYW
63	GRY	048-22	0.75 mm²	FLRYW
64	WHT	103-1	0.75 mm²	FLRYW
65				
66	WHT	099-2	0.75 mm²	FLRYW
67				
68				
69				
70				
71	WHT	099-4	0.75 mm²	FLRYW
72	WHT	106-7	0.75 mm²	FLRYW
73	RED	001-11	0.75 mm²	FLRYW
74				
75	RED	1-14 CAN CABLE H	0.75 mm²	CABLE
76	BLK	1-13 CAN CABLE L	0.75 mm²	CABLE
77				
78				
79				
80				
81				
82	WHT	104-2	0.75 mm²	FLRYW
83				
84				
85	WHT	106-5	0.75 mm²	FLRYW
86				
87	WHT	201-1	0.75 mm²	FLRYW
88	GRY	048-18	0.75 mm²	FLRYW
89				
90				
91				
92				
93				
94				

SN813

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	097-1	1 mm²	FLRYW

RL877

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	YEL	062-9-5-2-2	0.75 mm²	FLRYW
2	BLK	000-72-2	0.75 mm²	FLRYW

RL877-R

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	RED	061-14	4 mm²	FLRYW

RL877-Y

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	090-1	2 mm²	FLRYW

RL878-R

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	RED	001-1	4 mm²	FLRYW
1	RED	001-2	4 mm²	FLRYW

RL879

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BRN	073-9-2-2	1 mm²	FLRYW
2	BLK	000-59-2	1 mm²	FLRYW

RL879-R

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	RED	001-3	4 mm²	FLRYW
1	RED	001-4	4 mm²	FLRYW

X985

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	BLK	TWISTED PAIR 5	1.5 mm²	TW.PAIR
3	BLK	TWISTED PAIR 6	1.5 mm²	TW.PAIR
4	BLK	TWISTED PAIR 7	1.5 mm²	TW.PAIR
5	WHT	TWISTED PAIR 7-1	1.5 mm²	TW.PAIR
6				
7	WHT	103-1	0.75 mm²	FLRYW
8				
9				
10				
11				
12				
13				
14				
15				
16	BLK	TWISTED PAIR 3	1.5 mm²	TW.PAIR
17				
18	BLK	TWISTED PAIR 4	1.5 mm²	TW.PAIR
19	WHT	TWISTED PAIR 10	1.5 mm²	TW.PAIR
20	BLK	TWISTED PAIR 10	1.5 mm²	TW.PAIR
21				
22				
23	GRY	048-22-1	0.75 mm²	FLRYW
24	WHT	103-2	0.75 mm²	FLRYW
25	WHT	100-3	0.75 mm²	FLRYW
26	WHT	100-4	0.75 mm²	FLRYW
27	WHT	100-5	0.75 mm²	FLRYW
28	WHT	100-6	0.75 mm²	FLRYW
29	WHT	101-2	0.75 mm²	FLRYW
30				
31				
32	WHT	TWISTED PAIR 5	1.5 mm²	TW.PAIR
33	WHT	TWISTED PAIR 3	1.5 mm²	TW.PAIR
34	WHT	099-3	0.75 mm²	FLRYW
35	BLK	000-40	0.75 mm²	FLRYW
36				
37	WHT	TWISTED PAIR 8	0.75 mm²	TW.PAIR
38	SHLD	TWISTED PAIR 9	0.75 mm²	SHLD
39	WHT	TWISTED PAIR 9	0.75 mm²	TW.PAIR
40	WHT	100-7	0.75 mm²	FLRYW
41				
42				
43	WHT	106-3	0.75 mm²	FLRYW
44	WHT	106-4	0.75 mm²	FLRYW
45				
46	WHT	TWISTED PAIR 6	1.5 mm²	TW.PAIR
47				
48	WHT	TWISTED PAIR 4	1.5 mm²	TW.PAIR
49				
50				
51				
52	BLK	TWISTED PAIR 8	0.75 mm²	TW.PAIR
53	SHLD	TWISTED PAIR 8	0.75 mm²	SHLD
54	BLK	TWISTED PAIR 9	0.75 mm²	TW.PAIR
55				
56				
57				
58				
59				
60				

X1078

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	097-1-2	1 mm²	FLRYW
2	WHT	097-1-2	1 mm²	FLRYW

SN816

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	098-1	1 mm²	FLRYW
2	BLK	000-84	1 mm²	FLRYW

X1001

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
A	RED	001-11-1-1	2 mm²	FLRYW
B	BLK	000-40-1	0.75 mm²	FLRYW
C	BRN	073-9-2-1	1 mm²	FLRYW
D	BLK	000-59-1	1 mm²	FLRYW
E	GRY	048-22-1	4 mm²	FLRYW
F	GRY	048-22-1	0.75 mm²	FLRYW
G	YEL	062-9-5-2-1	0.75 mm²	FLRYW
H	BLK	000-72-1	0.75 mm²	FLRYW

EC885-L

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	GRY	048-12-1	1 mm²	FLRYW

HV746

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	093-2	1 mm²	FLRYW
2	BLK	090-70-2	1 mm²	FLRYW

HV747

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	093-1	1 mm²	FLRYW
2	BLK	090-70-1	1 mm²	FLRYW

SN817

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	099-1	1 mm²	FLRYW
2	BLK	000-83	1 mm²	FLRYW

CO678-J2

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2				
3	BLK	000-70	1 mm²	FLRYW
4				
5				
6				
7				
8				
9				
10				
11	WHT	093-1	1 mm²	FLRYW
12	WHT	093-2	1 mm²	FLRYW

CO678-J3

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2				
3				
4	WHT	096-1-2	1 mm²	FLRYW
5	WHT	096-1-1	1 mm²	FLRYW
6	BLK	000-83	1 mm²	FLRYW
7	WHT	097-1-2	1 mm²	FLRYW
8	WHT	097-1-1	1 mm²	FLRYW
9				
10	WHT	098-1-2	1 mm²	FLRYW
11	WHT	098-1-1	1 mm²	FLRYW
12	BLK	000-84	1 mm²	FLRYW

EC894

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	090-1	2 mm²	FLRYW
2	BLK	000-64	2 mm²	FLRYW

X1095

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	SHLD	CAN CABLE 1-9	0.75 mm²	SHLD

SN250-1

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	GRY	048-11	1 mm²	FLRYW

SN136

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	048-1	1 mm²	FLRYW
2	BLK	000-61	1 mm²	FLRYW

X903

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	103-1	0.75 mm²	FLRYW
2	WHT	103-2	0.75 mm²	FLRYW

X262

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	BLK	000-42	1.5 mm²	FLRYW
3	YEL	062-9-5-1	1 mm²	FLRYW
4	ORG	078-3	1 mm²	FLRYW
5	RED	1-7 CAN CABLE H	0.75 mm²	CABLE
6	BLK	1-7 CAN CABLE L	0.75 mm²	CABLE
7				
8				
9	SHLD	CAN CABLE 1-7	0.75 mm²	SHLD
10	RED	CAN CABLE H 1-6	0.75 mm²	CABLE
11	BLK	CAN CABLE L 1-6	0.75 mm²	CABLE
12	SHLD	CAN CABLE 1-6	0.75 mm²	SHLD

SN251

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	GRN	047-1	1 mm²	FLRYW
2	BLK	000-41-1	1 mm²	FLRYW

X906

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	201-2	0.75 mm²	FLRYW
2	WHT	201-1	0.75 mm²	FLRYW
3	WHT	105-2	0.75 mm²	FLRYW
4				

X994

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	103-2-2	0.75 mm²	FLRYW
2	WHT	106-1	0.75 mm²	FLRYW
3				
4	WHT	101-2-2	0.75 mm²	FLRYW

SN250-2

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLK	000-41	1 mm²	FLRYW
1	BLK	000-41-1	1 mm²	FLRYW

X912

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
A	YEL	062-9-5-3	1 mm²	FLRYW
B	BLK	000-86	1 mm²	FLRYW
C				
D				
E				
F	BLK	1-8 CAN CABLE L	0.75 mm²	CABLE
G	BLK	1-11 CAN CABLE L	0.75 mm²	CABLE
H	RED	1-11 CAN CABLE H	0.75 mm²	CABLE
J				
K				
L				
M	RED	1-8 CAN CABLE H	0.75 mm²	CABLE
NC	SHLD	CAN CABLE 1-8	0.75 mm²	SHLD

X917

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
A	RED	1-12 CAN CABLE H	0.75 mm²	CABLE
B	BLK	1-12 CAN CABLE L	0.75 mm²	CABLE
C				

X984

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	SHLD	TWISTED PAIR 9	0.75 mm²	SHLD
2	GRY	048-32	0.75 mm²	FLRYW
3	RED	001-11	0.75 mm²	FLRYW
4				
5				
6				
7				
8				
9	SHLD	TWISTED PAIR 8	0.75 mm²	SHLD
10				
11				
12				
13	BLK	TWISTED PAIR 8	0.75 mm²	TW.PAIR
14	WHT	TWISTED PAIR 8	0.75 mm²	TW.PAIR
15	WHT	TWISTED PAIR 9	0.75 mm²	TW.PAIR
16				
17				
18				
19	BLK	TWISTED PAIR 7	1.5 mm²	TW.PAIR
20	WHT	TWISTED PAIR 7-1	1.5 mm²	TW.PAIR
21	BLK	TWISTED PAIR 9	0.75 mm²	TW.PAIR
22	WHT	100-2-1	0.75 mm²	FLRYW
23	WHT	106-3	0.75 mm²	FLRYW
24	WHT	100-6	0.75 mm²	FLRYW
25	WHT	100-4	0.75 mm²	FLRYW
26	WHT	106-4	0.75 mm²	FLRYW
27	WHT	101-2-1	0.75 mm²	FLRYW
28	WHT	100-7	0.75 mm²	FLRYW
29	WHT	100-5	0.75 mm²	FLRYW
30				
31	WHT	100-3	0.75 mm²	FLRYW
32	WHT	100-1	0.75 mm²	FLRYW
33				
34	WHT	106-2	0.75 mm²	FLRYW
35	BLK	TWISTED PAIR 3	1.5 mm²	TW.PAIR
36				
37	BLK	TWISTED PAIR 4	1.5 mm²	TW.PAIR
38	WHT	TWISTED PAIR 5	1.5 mm²	TW.PAIR
39				
40	WHT	TWISTED PAIR 6	1.5 mm²	TW.PAIR
41	BLK	TWISTED PAIR 6	1.5 mm²	TW.PAIR
42	WHT	TWISTED PAIR 4	1.5 mm²	TW.PAIR
43				
44				
45				
46	WHT	106-5	0.75 mm²	FLRYW
47	WHT	TWISTED PAIR 10	1.5 mm²	TW.PAIR
48	BLK	TWISTED PAIR 10	1.5 mm²	TW.PAIR
49	WHT	106-7	0.75 mm²	FLRYW
50	WHT	102-2	0.75 mm²	FLRYW
51	WHT	104-2	0.75 mm²	FLRYW
52	WHT	106-6	0.75 mm²	FLRYW
53				
54				
55				
56				
57				
58				
59				
60				
61	BLK	TWISTED PAIR 5	1.5 mm²	TW.PAIR
62	WHT	TWISTED PAIR 3	1.5 mm²	TW.PAIR

X1079

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	096-1-2	1 mm²	FLRYW
2	WHT	096-1-2	1 mm²	FLRYW

X1075

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	098-1-2	1 mm²	FLRYW
2	WHT	098-1-2	1 mm²	FLRYW

X1120

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	RED	1-16 CAN CABLE H	0.75 mm²	CABLE
2	BLK	1-16 CAN CABLE L	0.75 mm²	CABLE
3				

X1121

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	RED	1-15 CAN CABLE H	0.75 mm²	CABLE
2	BLK	1-15 CAN CABLE L	0.75 mm²	CABLE
3				

X32

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2				
3				
4	BLK	058-8	0.75 mm²	FLRYW
5	YEL	062-9-5	1 mm²	FLRYW
6	YEL	057-1	0.75 mm²	FLRYW
7	GRY	048-22	0.75 mm²	FLRYW
8	GRY	048-18	0.75 mm²	FLRYW
9	BRN	073-9	1 mm²	FLRYW
10				
11	WHT	048-23	0.75 mm²	FLRYW
12				
13				
14				
15				
16				
17	ORG	078-3	1 mm²	FLRYW
18	GRY	048-11	1 mm²	FLRYW
19	GRY	048-12-1	1 mm²	FLRYW
20	GRY	048-1	0.75 mm²	FLRYW
21				
22	WHT	099-4	0.75 mm²	FLRYW
23	WHT	099-2	0.75 mm²	FLRYW
24	WHT	099-3	0.75 mm²	FLRYW
25				
26				
27	BLK	000-41	1 mm²	FLRYW
28	BLK	000-42	1.5 mm²	FLRYW
29				
30				
31				
32	RED	CAN CABLE H 1-6	0.75 mm²	CABLE
33	BLK	CAN CABLE L 1-6	0.75 mm²	CABLE
34	SHLD	CAN CABLE 1-6	0.75 mm²	SHLD
35	ORN	047-1	1 mm²	FLRYW
36				
37	GRY	048-10	0.75 mm²	FLRYW

X350

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BRN	073-9-1	1 mm²	FLRYW
2				

EC900

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	GRY	048-22	10 mm²	FLRYW

RL1037-1

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	GRY	048-22	10 mm²	FLRYW
1	GRY	048-22-1	4 mm²	FLRYW

RL1037-2

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	RED	001-11-1	2 mm²	FLRYW

RL1037-3

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	RED	001-11-1-2	2 mm²	FLRYW

RL1037-4

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLK	000-40-2	0.75 mm²	FLRYW

X895

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLK	000-59	1 mm²	FLRYW
1	BLK	000-63	1 mm²	FLRYW
1	BLK	000-64	2 mm²	FLRYW

X901

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLK	000-52	4 mm²	FLRYW
1	BLK	000-57	1 mm²	FLRYW
1	BLK	000-86	1 mm²	FLRYW

X1013

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLK	000-53	4 mm²	FLRYW
1	BLK	000-54	4 mm²	FLRYW
1	BLK	000-55	4 mm²	FLRYW
1	BLK	000-56	4 mm²	FLRYW

X106

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLK	000-53	4 mm²	FLRYW
2	BLK	000-54	4 mm²	FLRYW
3	BLK	000-55	4 mm²	FLRYW
4	BLK	000-56	4 mm²	FLRYW

X110

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	RED	001-1	4 mm²	FLRYW
2	RED	001-2	4 mm²	FLRYW
3	RED	001-3	4 mm²	FLRYW
4	RED	001-4	4 mm²	FLRYW

X773

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	048-1	1 mm²	FLRYW
2	BLK	000-41	1 mm²	FLRYW

FIGURE 10-8. ENGINE BAY HARNESS (Prior to SN 1160006748, Excluding 11600065999)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133707	1	ENGINE BAY HARNESS, (includes all items)	I
1	4460247	3	RING TERMINAL	
2	4460891	8	PLUG CONNECTOR, (includes rear seal)	
2	80604016	1	WEDGE LOCK	
2	4460465	2	TERMINAL	
3	1001116950	3	CONNECTOR	
3	4460465	2	TERMINAL	
4	4460836	1	PLUG CONNECTOR	
4	4460466	9	PLUG	
4	4460465	3	TERMINAL	
5	4460934	1	PLUG CONNECTOR, (includes rear seal)	
5	80604016	1	WEDGE LOCK	
5	4460466	4	PLUG	
5	4460465	8	TERMINAL	
7	4460312	2	RING TERMINAL	
8	1001116983	1	JR POWER TIMER CONNECTOR	
8	1001116710	2	TERMINAL	
9	4460933	1	PLUG CONNECTOR, (includes rear seal)	
9	80604016	1	WEDGE LOCK	
9	4460466	3	PLUG	
9	4460465	3	TERMINAL	
9	4460944	6	TERMINAL	
10	1001133714	2	4 WAY PLUG	
10	1001133715	3	TERMINAL	
10	1001135650	3	WIRE SEAL	
10	1001135651	1	PLUG	
12	4461095	3	PLUG CONNECTOR	
12	70021825	1	WEDGE LOCK	
12	4460944	2	TERMINAL	
12	4460466	1	PLUG	
12	4461070	1	CONNECTOR WITH TERMINATING RESISTOR	
13	1001126360	1	CONNECTOR	
13	1001126357	10	PLUG, 1.5MM	
13	1001126351	14	TERMINAL	
13	1001126356	18	CAVITY PLUG	
13	1001126384	18	TERMINAL	
14	1001126349	1	CONNECTOR	
14	1001126352	6	TERMINAL	
14	1001126353	6	WIRE SEAL	
14	1001126357	2	PLUG, 1.5MM	
14	1001126356	58	CAVITY PLUG	
14	1001126384	26	TERMINAL	
14	1001126351	2	TERMINAL	
15	1001116995	2	FASTON CONNECTOR	
15	1001118379	1	TERMINAL	
16	1001116995	1	FASTON CONNECTOR	
16	1001118379	2	TERMINAL	
17	1001138155	1	CONNECTOR	
17	4461071	6	TERMINAL	
17	1001134351	1	CAP	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
17	1001134581	1	SHROUD	
18	1001126362	1	CONNECTOR	
18	1001126363	22	TERMINAL	
18	1001126364	32	CAVITY PLUG	
18	1001126392	14	TERMINAL	
18	1001126391	22	CAVITY PLUG	
18	4461008	4	PLUG	
19	1001138592	1	RING TERMINAL	
20	8220115	1	RING TERMINAL	
20	1001139217	1	BOOT	
21	4460256	1	RING TERMINAL	
22	4460042	1	RING TERMINAL	
22	1001139219	1	BOOT	
23	1001116976	1	CONNECTOR	
23	1001118391	16	CAVITY PLUG	
23	1001118380	21	TERMINAL	
24	4460891	2	PLUG CONNECTOR	
24	4460897	1	TERMINAL	
24	4460466	2	PLUG	
24	4460465	1	TERMINAL	
24	4460466	1	PLUG	
25	1001116811	1	CONNECTOR, (includes real seal)	
25	4460508	4	TERMINAL	
26	1001116810	1	CONNECTOR, (includes real seal)	
26	70021826	1	WEDGE LOCK	
26	4460509	4	TERMINAL	
27	4460897	1	CONNECTOR, (includes real seal)	
27	80604017	1	LOCKWEDGE	
27	4460464	2	TERMINAL	
28	1001117110	2	RING TERMINAL	
29	1001117109	1	RING TERMINAL	
30	4460043	1	RING TERMINAL	
31	1001117106	2	RING TERMINAL	
32	1001116952	1	CONNECTOR	
32	4460465	2	TERMINAL	
33	80484081	1	CONNECTOR	
33	1001116747	3	TERMINAL	
33	1001116728	5	TERMINAL	
33	4460458	8	WIRE SEAL	
33	1001129285	1	DIODE	
33	8229242	1	MINFUSE, 5 AMP	
33	1001129286	1	CAP	

FIGURE 10-9. ENGINE BAY HARNESS (SN 1160006748 to Present, Including 11600065999)

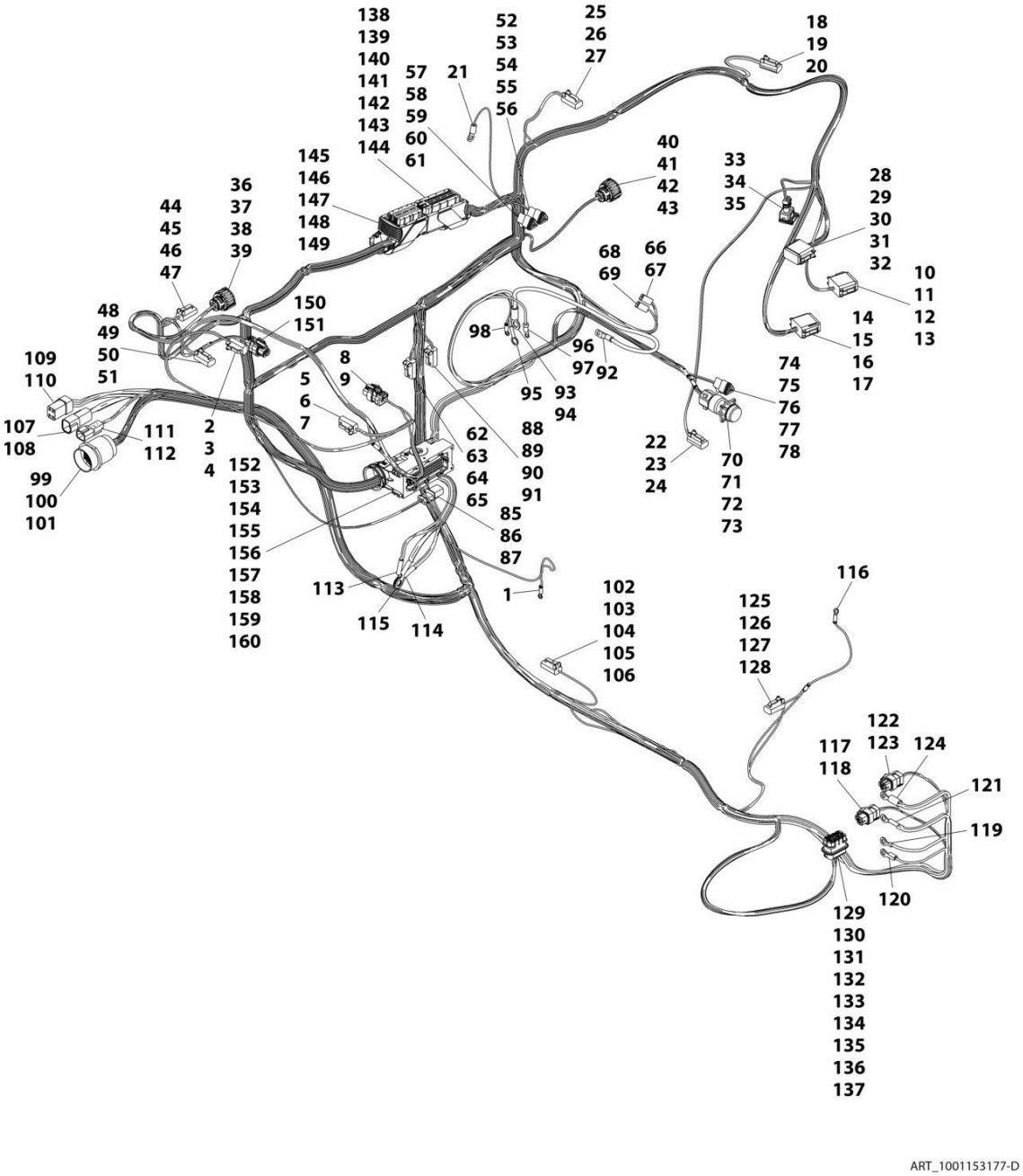


FIGURE 10-9. ENGINE BAY HARNESS (SN 1160006748 to Present, Including 11600065999)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153177	Ref	ENGINE BAY HARNESS	D
1	4460247	1	RING TERMINAL	
2	4460891	1	CONNECTOR, (includes rear seal)	
3	4460465	2	TERMINAL	
4	80604018	1	WEDGE LOCK	
5	4460891	1	CONNECTOR, (includes rear seal)	
6	4460465	2	TERMINAL	
7	80604018	1	WEDGE LOCK	
8	1001116950	1	CONNECTOR	
9	4460465	2	TERMINAL	
10	4460836	1	CONNECTOR, (includes rear seal)	
11	4460465	3	TERMINAL	
12	4460466	9	PLUG	
13	80604016	1	WEDGE LOCK	
14	4460934	1	CONNECTOR, (includes rear seal)	
15	4460465	8	TERMINAL	
16	4460466	4	PLUG	
17	80604016	1	WEDGE LOCK	
18	4460891	1	CONNECTOR, (includes rear seal)	
19	4460942	2	TERMINAL	
20	80604018	1	WEDGE LOCK	
21	4460043	1	RING TERMINAL	
22	4460891	1	CONNECTOR, (includes rear seal)	
23	4460465	2	TERMINAL	
24	80604018	1	WEDGE LOCK	
25	4460891	1	CONNECTOR,(includes rear seal)	
26	4460465	2	TERMINAL	
27	80604018	1	WEDGE LOCK	
28	4460933	1	CONNECTOR, (includes rear seal)	
29	4460465	3	TERMINAL	
30	4460944	6	TERMINAL	
31	4460466	3	PLUG	
32	80604016	1	WEDGE LOCK	
33	1001116983	1	CONNECTOR	
34	1001116710	2	TERMINAL	
35	4461006	2	SEAL	
36	1001133714	1	CONNECTOR	
37	1001133715	3	TERMINAL	
38	1001135651	1	PLUG	
39	1001135650	3	SEAL	
40	1001133714	1	CONNECTOR	
41	1001133715	3	TERMINAL	
42	1001135651	1	PLUG	
43	1001135650	3	SEAL	
44	4460891	1	CONNECTOR, (includes rear seal)	
45	4460465	2	TERMINAL	
46	4460897	1	TERMINAL	
47	80604018	1	WEDGE LOCK	
48	4460891	1	CONNECTOR, (includes rear seal)	
49	4460465	2	TERMINAL	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	4460897	1	TERMINAL	
51	80604018	1	WEDGE LOCK	
52	4461095	1	CONNECTOR	
53	4460944	2	TERMINAL	
54	4461070	1	TERMINAL	
55	4460466	1	PLUG	
56	1001167683	1	WEDGE LOCK	
57	4461095	1	CONNECTOR	
58	4460944	2	TERMINAL	
59	4461070	1	TERMINAL	
60	4460466	1	PLUG	
61	1001167683	1	WEDGE LOCK	
62	4460891	1	CONNECTOR, (includes rear seal)	
63	4460465	2	TERMINAL	
64	4460897	1	TERMINAL	
65	80604018	1	WEDGE LOCK	
66	1001116995	1	CONNECTOR	
67	1001118379	1	TERMINAL	
68	1001116995	1	CONNECTOR	
69	1001118379	2	TERMINAL	
70	1001138155	1	CONNECTOR	
71	1001134351	1	PLUG	
72	1001134581	1	PLUG	
73	4461071	6	TERMINAL	
74	4461095	1	CONNECTOR	
75	4460944	2	TERMINAL	
76	4461070	1	TERMINAL	
77	4460466	1	PLUG	
78	1001167683	1	WEDGE LOCK	
85	1001138110	1	CONNECTOR	
86	1001138111	2	TERMINAL	
87	1001138113	2	SEAL	
88	4460891	1	CONNECTOR, (includes rear seal)	
89	4460465	2	TERMINAL	
90	4460897	1	TERMINAL	
91	80604018	1	WEDGE LOCK	
92	1001138592	1	RING TERMINAL	
93	8220115	1	RING TERMINAL	
94	1001139217	1	BOOT	
95	4460256	1	RING TERMINAL	
96	4460042	1	RING TERMINAL	
97	1001139219	1	BOOT	
98	4460247	1	RING TERMINAL	
99	1001116976	1	CONNECTOR	
100	1001118380	21	TERMINAL	
101	1001118391	16	TERMINAL	
102	4460891	1	CONNECTOR, (includes rear seal)	
103	4460897	1	TERMINAL	
104	4460465	1	TERMINAL	
105	4460466	3	PLUG	
106	80604018	1	WEDGE LOCK	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
107	1001116811	1	CONNECTOR	
108	4460508	4	TERMINAL	
109	1001116810	1	CONNECTOR, (includes rear seal)	
110	4460509	4	TERMINAL	
111	4460897	1	CONNECTOR, (includes rear seal)	
112	4460464	2	TERMINAL	
113	1001117110	1	RING TERMINAL	
114	1001117110	1	RING TERMINAL	
115	1001117109	1	RING TERMINAL	
116	4460247	1	RING TERMINAL	
117	1001116950	1	CONNECTOR	
118	4460465	2	TERMINAL	
119	4460312	1	RING TERMINAL	
120	4460043	1	RING TERMINAL	
121	1001117106	1	RING TERMINAL	
122	1001116952	1	CONNECTOR	
123	4460465	2	TERMINAL	
124	1001117106	1	RING TERMINAL	
125	4460891	1	CONNECTOR, (includes rear seal)	
126	4460897	1	TERMINAL	
127	4460465	1	TERMINAL	
128	80604018	1	WEDGE LOCK	
129	80484081	1	CONNECTOR	
130	1001129286	1	CAP	
131	1001129285	3	TERMINAL	
132	8229242	1	TERMINAL	
133	1001116747	1	TERMINAL	
134	1001116728	6	TERMINAL	
135	8220125	1	TERMINAL	
136	4460458	7	SEAL	
137	8220089	1	SEAL	
138	1001126349	1	CONNECTOR	
139	1001126352	6	TERMINAL	
140	1001126384	26	TERMINAL	
141	1001126351	2	TERMINAL	
142	1001126357	2	PLUG	
143	1001126356	58	PLUG	
144	1001126353	6	SEAL	
145	1001126360	1	CONNECTOR	
146	1001126351	12	TERMINAL	
147	1001126384	19	TERMINAL	
148	1001126357	10	PLUG	
149	1001126356	19	PLUG	
150	1001116950	1	CONNECTOR	
151	4460465	2	TERMINAL	
152	1001126362	1	CONNECTOR	
153	1001126363	24	TERMINAL	
154	1001126392	10	TERMINAL	
155	1001126393	10	SEAL	
156	1001126391	22	SEAL	
157	4461008	4	PLUG	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
158	1001126364	24	TERMINAL	
159	4461054	2	SEAL	
160	1001126365	2	TERMINAL	

FIGURE 10-10. TRANSMISSION HARNESS

CO678-J1

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2				
3				
4	BLK	000-42	1.5 mm²	FLRYW
5	YEL	062-9-5-1	1 mm²	FLRYW
6	RED	1-6	0.75 mm²	CABLE
7	BLK	1-6	0.75 mm²	CABLE
8	SHLD	1-6	0.75 mm²	SHLD
9				
10				
11				
12				

HV785

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	091-2	1 mm²	FLRYW
2	BLK	000-71-3-2	1 mm²	FLRYW

HV781

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	091-6	1 mm²	FLRYW
2	BLK	000-71-3-1	1 mm²	FLRYW

SN690

CONNECTOR PART NUMBER: 1001116995

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	ORG	078-3	1 mm²	FLRYW

HV787

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	092-1	1 mm²	FLRYW
2	BLK	000-71-1-1	1 mm²	FLRYW

X262

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	BLK	000-42	1.5 mm²	FLRYW
3	YEL	062-9-5-1	1 mm²	FLRYW
4	ORG	078-3	1 mm²	FLRYW
5	RED	1-7	0.75 mm²	CABLE
6	BLK	1-7	0.75 mm²	CABLE
7				
8				
9	SHLD	1-7	0.75 mm²	SHLD
10	RED	1-6	0.75 mm²	CABLE
11	BLK	1-6	0.75 mm²	CABLE
12	SHLD	1-6	0.75 mm²	SHLD

CO678-J4

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2				
3	RED	1-7	0.75 mm²	CABLE
4	BLK	1-7	0.75 mm²	CABLE
5	SHLD	1-7	0.75 mm²	SHLD
6				
7				
8				

HV783

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	091-4	1 mm²	FLRYW
2	BLK	000-71-1-2	1 mm²	FLRYW

HV784

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	091-3	1 mm²	FLRYW
2	BLK	000-71-2-1	1 mm²	FLRYW

HV782

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	091-5	1 mm²	FLRYW
2	BLK	000-71-1-3	1 mm²	FLRYW

HV786

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	091-1	1 mm²	FLRYW
2	BLK	000-71-2-2	1 mm²	FLRYW

CO678-J5

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	092-1	1 mm²	FLRYW
2				
3	WHT	091-1	1 mm²	FLRYW
4	WHT	091-2	1 mm²	FLRYW
5	WHT	091-3	1 mm²	FLRYW
6	WHT	091-4	1 mm²	FLRYW
7	WHT	091-5	1 mm²	FLRYW
8	WHT	091-6	1 mm²	FLRYW
9				
10				
11				
12	BLK	000-71	1 mm²	FLRYW

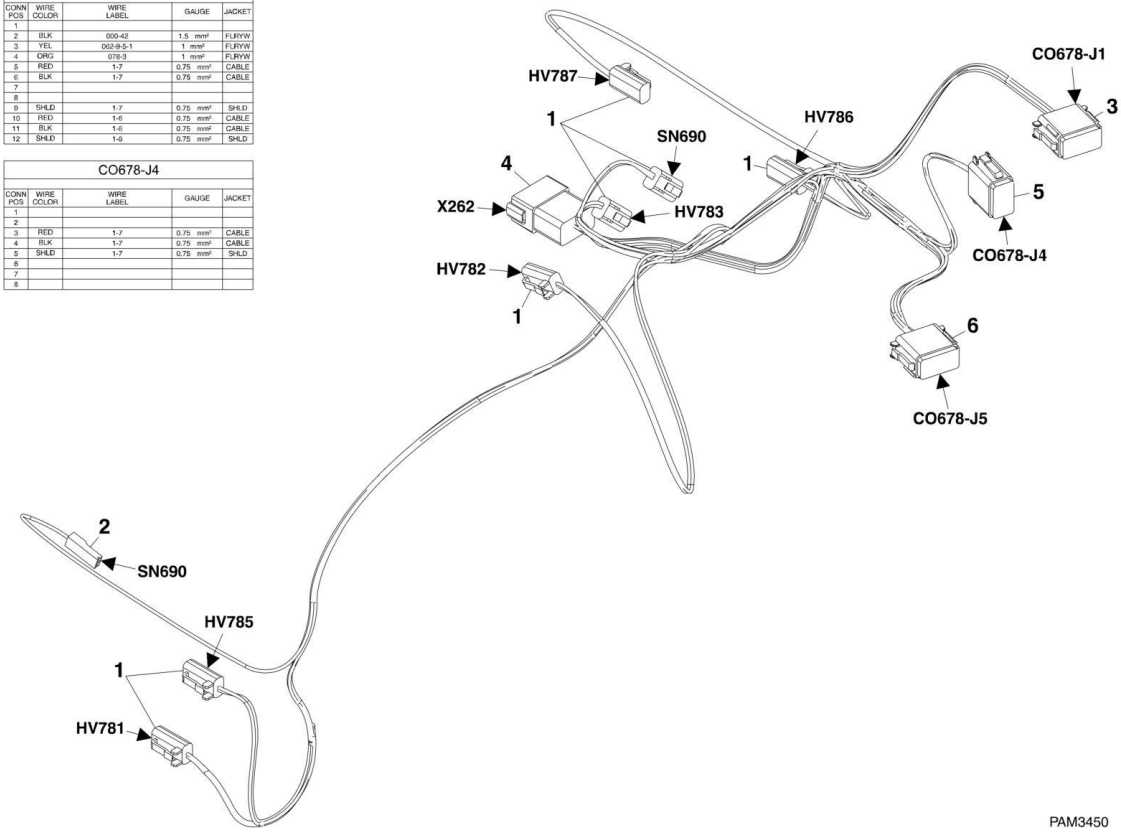


FIGURE 10-10. TRANSMISSION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001130754	1	TRANSMISSION HARNESS, (includes all items)	B
1	4460891	7	CONNECTOR	
1	80604018	7	WEDGE LOCK	
1	4460465	2	TERMINAL	
2	1001116995	1	CONNECTOR	
2	1001118379	1	TERMINAL	
3	4460933	1	CONNECTOR	
3	80604016	1	WEDGE LOCK	
3	4460466	7	PLUG	
3	4460465	2	TERMINAL	
3	4460944	3	TERMINAL	
4	4460970	1	CONNECTOR	
4	80604015	1	WEDGE LOCK	
4	4460466	3	PLUG	
4	4460464	3	TERMINAL	
4	4460943	6	TERMINAL	
5	4460930	1	CONNECTOR	
5	80604025	1	WEDGE LOCK	
5	4460466	5	PLUG	
5	4460944	3	TERMINAL	
6	4460935	1	CONNECTOR	
6	80604016	1	WEDGE LOCK	
6	4460465	8	TERMINAL	
6	4460466	4	PLUG	
1	4460465	2	TERMINAL	
3	4460466	7	PLUG	
3	4460465	2	TERMINAL	
4	4460466	3	PLUG	
5	4460466	5	PLUG	
6	4460465	8	TERMINAL	
6	4460466	4	PLUG	

FIGURE 10-11. CAB FLOOR HARNESS

SW940

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	YEL	062-9-12	1 mm²	FLRY-B
3	BRN	052-3	1 mm²	FLRY-B
4				
5	YEL	062-9-13	1 mm²	FLRY-B
6	BRN	052-4	1 mm²	FLRY-B
7	BLK	000-30-19	1 mm²	FLRY-B
8	BLU	075-9-16	1 mm²	FLRY-B

SW74

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	YEL	061-6	1.5 mm²	FLRY-B
3	BLU	071-26	1.5 mm²	FLRY-B
4				
5	YEL	061-7	1.5 mm²	FLRY-B
6	BLU	071-27	1.5 mm²	FLRY-B
7	BLK	000-30-10	1 mm²	FLRY-B
8	YEL	062-7-2	1 mm²	FLRY-B

SW62

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BRN	074-1	1.5 mm²	FLRY-B
2	BRN	074-13	1.5 mm²	FLRY-B
2	BRN	074-13-1	1.5 mm²	FLRY-B
3	YEL	074-9-3	1 mm²	FLRY-B
4				
5	BRN	074-13-1	1.5 mm²	FLRY-B
6	BRN	074-5-5	1.5 mm²	FLRY-B
7	BLK	000-30-12	1 mm²	FLRY-B
8	BLU	075-9-9	1 mm²	FLRY-B

SW86

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLK	000-46-1	1 mm²	FLRY-B
2	WHT	075-6	1 mm²	FLRY-B
3	WHT	075-5	1 mm²	FLRY-B
4	WHT	075-8	1 mm²	FLRY-B
5	WHT	075-7	1 mm²	FLRY-B
6	BLU	047-10	1 mm²	FLRY-B
7	YEL	062-19-1	1 mm²	FLRY-B
8	LGR	065-5	1 mm²	FLRY-B
9	LGR	065-4	1 mm²	FLRY-B
10	LGR	065-3	1 mm²	FLRY-B
11	LGR	049-10	1 mm²	FLRY-B
12	LGR	047-13-1	1 mm²	FLRY-B
13	LGR	076-3	1 mm²	FLRY-B
14	LGR	047-8	1 mm²	FLRY-B
15	LGR	047-7	1 mm²	FLRY-B
16	LGR	047-6	1 mm²	FLRY-B
17				
18	LGR	047-20	1 mm²	FLRY-B
19	LGR	047-5-1	1 mm²	FLRY-B
20	LGR	047-11	1 mm²	FLRY-B

SW87

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	LGR	076-2	1 mm²	FLRY-B
2	YEL	063-38-3	1 mm²	FLRY-B
3	LGR	076-1	1 mm²	FLRY-B
4				
5				
6				
7	BLK	000-30-15	1 mm²	FLRY-B
8	BLU	075-9-3	1 mm²	FLRY-B

SW57

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	YEL	063-26-1	1 mm²	FLRY-B
3	BLU	072-1	1 mm²	FLRY-B
4				
5				
6				
7	BLK	000-30-6	1 mm²	FLRY-B
8	BLU	075-9-14	1 mm²	FLRY-B

SW864

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	YEL	051-3-1	1.5 mm²	FLRY-B
3	BLU	051-2	1.5 mm²	FLRY-B
4				
5	YEL	051-3-2	1.5 mm²	FLRY-B
6	BLU	051-3	1.5 mm²	FLRY-B
7	BLK	000-30-9	1 mm²	FLRY-B
8	BLU	075-9-7	1 mm²	FLRY-B

LB860+

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	099-1	1 mm²	FLRY-B

SW76

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	YEL	062-15	1.5 mm²	FLRY-B
3	BLU	071-5	1.5 mm²	FLRY-B
4				

SW63

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	YEL	062-9-3	1 mm²	FLRY-B
3	LGR	064-2	1 mm²	FLRY-B
4				
5				
6				
7	BLK	000-30-5	1 mm²	FLRY-B
8	BLU	075-9-13	1 mm²	FLRY-B

SW58

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	YEL	051-3-3	1.5 mm²	FLRY-B
3	BLU	071-8	1.5 mm²	FLRY-B
4				
5				
6				
7	BLK	000-30-8	1 mm²	FLRY-B
8	BLU	075-9-5	1 mm²	FLRY-B

SW82-1

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
15A	YEL	062-3-5	1.5 mm²	FLRY-B
15B	YEL	062-3-4	1.5 mm²	FLRY-B
30A	YEL	061-4-1	1.5 mm²	FLRY-B
30B	YEL	061-4-2	1.5 mm²	FLRY-B
58A	YEL	062-4-2	1.5 mm²	FLRY-B
58B	YEL	062-4-1	1.5 mm²	FLRY-B

X950

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	099-2	1 mm²	FLRY-B
2	YEL	062-7-5	1 mm²	FLRY-B
3	WHT	099-3	1 mm²	FLRY-B
4	WHT	099-5	1 mm²	FLRY-B
5	WHT	099-4	1 mm²	FLRY-B
6	BLK	000-30-20	1 mm²	FLRY-B
7	BLU	075-9-17	1 mm²	FLRY-B
8				
9				

SW56

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	YEL	063-26-2	1 mm²	FLRY-B
3	BLU	071-9	1 mm²	FLRY-B
4				
5				
6				
7	BLK	000-30-4	1 mm²	FLRY-B
8	BLU	075-9-12	1 mm²	FLRY-B

SW823

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	YEL	062-9-7	1 mm²	FLRY-B
3	BLU	052-2-3	1 mm²	FLRY-B
4				
5				
6				
7	BLK	000-30-13	1 mm²	FLRY-B
8	BLU	075-9-6	1 mm²	FLRY-B

TURN

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLU	071-25	1.5 mm²	FLRY-B
2	BLU	071-27	1.5 mm²	FLRY-B
3	YEL	061-8-1	1.5 mm²	FLRY-B
4	BLU	071-3-4	1.5 mm²	FLRY-B
5	BLU	071-4-2	1.5 mm²	FLRY-B
6	BLU	071-20-1	1.5 mm²	FLRY-B
7	YEL	071-29-1	1.5 mm²	FLRY-B
8				

SW89-2

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLK	058-7	1 mm²	FLRY-B

SW61

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BRN	074-10	1.5 mm²	FLRY-B
2	BRN	074-11	1.5 mm²	FLRY-B
2	BRN	074-11-1	1.5 mm²	FLRY-B
3	YEL	074-9-4	1.5 mm²	FLRY-B
4				
5	BRN	074-11-1	1.5 mm²	FLRY-B
6	BRN	074-5	1.5 mm²	FLRY-B
6	BRN	074-5-5	1.5 mm²	FLRY-B
7	BLK	000-30-11	1 mm²	FLRY-B
8	BLU	075-9-8	1 mm²	FLRY-B

SW82

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
17A				
17B				
19A	GRY	048-13	1 mm²	FLRY-B
19B				
50A	GRY	048-15	1 mm²	FLRY-B
50B				

X111-1

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	LGR	064-1	1 mm²	FLRY-B

SW70

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLU	071-3	1.5 mm²	FLRY-B
2	YEL	079-29-2	1.5 mm²	FLRY-B
3	BLU	071-4	1.5 mm²	FLRY-B
4	YEL	061-8-2	1.5 mm²	FLRY-B
5	BLU	071-28	1.5 mm²	FLRY-B
6	YEL	062-11	1.5 mm²	FLRY-B
7	BLK	000-30-2	1 mm²	FLRY-B
8	YEL	062-7-1	1 mm²	FLRY-B

X111-2

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	YEL	062-9-6	1 mm²	FLRY-B

SN89-1

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	ORG	049-5	1 mm²	FLRY-B

LB860-

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	YEL	062-7-4	1 mm²	FLRY-B

AH99 CONT

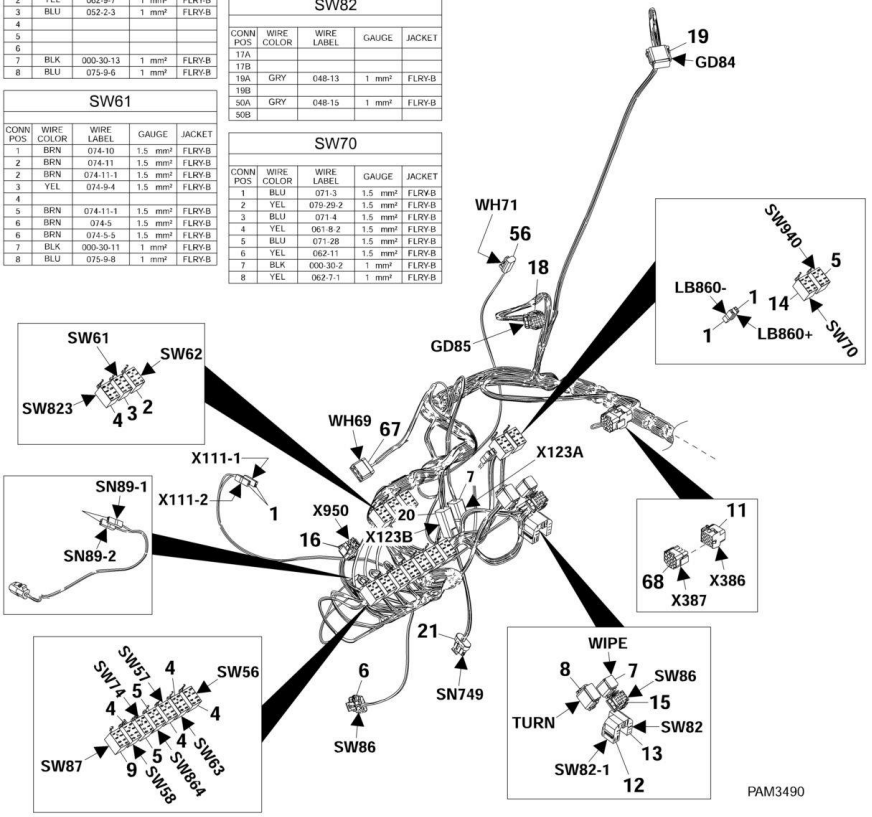
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
CONT	YEL	075-4-2	1 mm²	FLRY-B

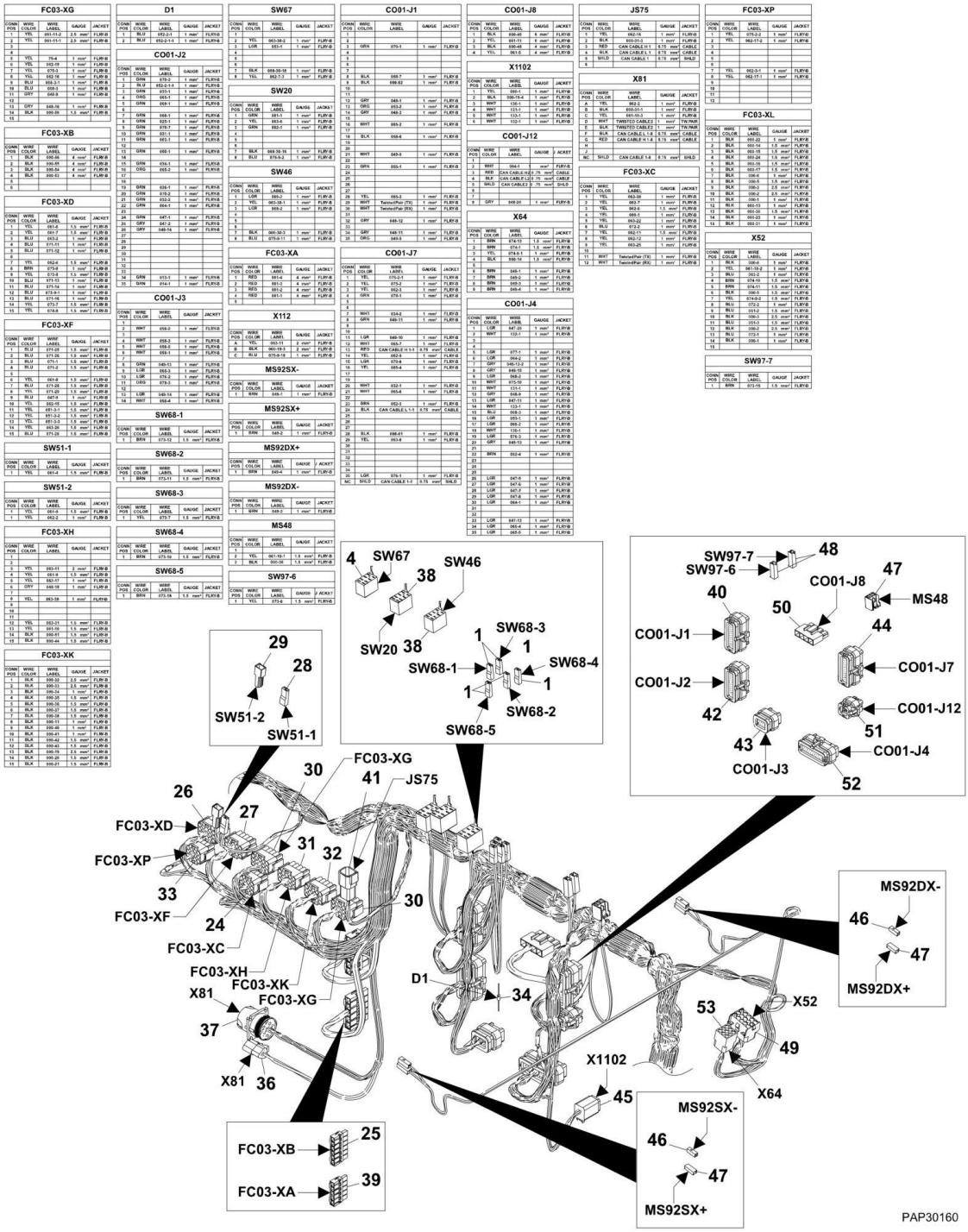
AH99-

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
-	WHT	058-9	1 mm²	FLRY-B

WIPE

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	BRN	074-2	1.5 mm²	FLRY-B
3	BRN	074-3	1.5 mm²	FLRY-B
4				
5	YEL	062-6-2	1.5 mm²	FLRY-B
6	BRN	074-6-2	1 mm²	FLRY-B




FC03-XG
FC03-XB
FC03-XD
FC03-XF
SW51-1
SW51-2
FC03-XH
FC03-XK
D1
CO01-J2
CO01-J3
SW68-1
SW68-2
SW68-3
SW68-4
SW68-5
SW67
SW20
SW46
FC03-XA
X12
MS92SX-
MS92SX+
MS92DX+
MS92DX-
MS48
SW97-6
CO01-J1
CO01-J7
CO01-J8
X1102
X81
CO01-J12
X64
CO01-J4
JS75
FC03-XP
FC03-XL
FC03-XC
SW97-7
X52
PAP30160

X54

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	065-6	1 mm²	FLRY-B
2	ORG	065-1	1 mm²	FLRY-B
3	ORG	065-2	1 mm²	FLRY-B
4	GRN	068-1	1 mm²	FLRY-B
5	GRN	069-1	1 mm²	FLRY-B
6	GRN	033-1	1 mm²	FLRY-B
7	GRN	034-1	1 mm²	FLRY-B
8	GRN	031-1	1 mm²	FLRY-B
9	GRN	032-2	1 mm²	FLRY-B
10				
11	GRN	070-4	1 mm²	FLRY-B
12	WHT	058-5	1 mm²	FLRY-B
13	BLU	071-11	1 mm²	FLRY-B
14	BLU	071-12	1 mm²	FLRY-B
15	BLU	071-13	1 mm²	FLRY-B
16	BLU	071-14	1 mm²	FLRY-B
17	BLU	075-9-4	1 mm²	FLRY-B
18	BLU	071-16	1 mm²	FLRY-B
19	BLU	071-3-3	1 mm²	FLRY-B
20	BLU	071-4-6	1 mm²	FLRY-B
21	YEL	062-9-4	1 mm²	FLRY-B
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33	BLK	000-19-2	1 mm²	FLRY-B
34	BLK	000-20	1.5 mm²	FLRY-B
35	BLK	000-21	1.5 mm²	FLRY-B
36	BLK	000-22	1 mm²	FLRY-B
37	BLK	000-23	1 mm²	FLRY-B

X35

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	034-2-1	1 mm²	FLRY-B
2	WHT	032-1-1	1 mm²	FLRY-B
3	GRN	049-11	1 mm²	FLRY-B
4	GRN	050-2	1 mm²	FLRY-B
5	ORG	053-2	1 mm²	FLRY-B
6	YEL	063-25	1 mm²	FLRY-B
7	BLK	000-44	1.5 mm²	FLRY-B
8	YEL	062-3-6	1 mm²	FLRY-B
9				

X110

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	RED	001-1	4 mm²	FLRY-B
2	RED	001-2	4 mm²	FLRY-B
3	RED	001-3	4 mm²	FLRY-B
4	RED	001-4	4 mm²	FLRY-B

X32

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	099-5	1 mm²	FLRY-B
2	BRN	074-6-1	1 mm²	FLRY-B
3				
4	BLK	058-8	1 mm²	FLRY-B
5	YEL	062-9-5	1.5 mm²	FLRY-B
6	YEL	057-1	1 mm²	FLRY-B
7	GRY	048-21	1 mm²	FLRY-B
8	GRY	048-18	1 mm²	FLRY-B
9	BRN	073-9	1 mm²	FLRY-B
10	GRY	048-23	1 mm²	FLRY-B
11	GRY	048-22	1 mm²	FLRY-B
12	GRY	048-25	1 mm²	FLRY-B
13	YEL	063-39	1 mm²	FLRY-B
14	GRY	048-3	1 mm²	FLRY-B
15	GRY	048-24	1 mm²	FLRY-B
16	WHT	099-1	1 mm²	FLRY-B
17	ORG	078-3	1 mm²	FLRY-B
18	GRY	048-11	1 mm²	FLRY-B
19	GRY	048-12-1	1 mm²	FLRY-B
20	GRY	048-1	1 mm²	FLRY-B
21				
22	WHT	099-4	1 mm²	FLRY-B
23	WHT	099-2	1 mm²	FLRY-B
24	WHT	099-3	1 mm²	FLRY-B
25				
26	BLK	000-40	1 mm²	FLRY-B
27	BLK	000-41	1 mm²	FLRY-B
28	BLK	000-42	1.5 mm²	FLRY-B
29	BLK	000-43	1.5 mm²	FLRY-B
30	WHT	TWISTED CABLE 2	1 mm²	TW.PAIR
31	BLK	TWISTED CABLE 2	1 mm²	TW.PAIR
32	RED	CAN CABLE H 1-6	0.75 mm²	CABLE
33	BLK	CAN CABLE L 1-6	0.75 mm²	CABLE
34	SHLD	CAN CABLE 1-6	0.75 mm²	SHLD
35	GRN	047-1	1 mm²	FLRY-B
36	GRY	048-16	1 mm²	FLRY-B
37	GRY	048-14	1 mm²	FLRY-B

X33

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	GRY	047-2	1 mm²	FLRY-B
2	BLK	000-13	1 mm²	FLRY-B
3	GRN	078-1	1 mm²	FLRY-B
4	WHT	065-7	1 mm²	FLRY-B
5	GRN	070-3-1	1.5 mm²	FLRY-B
6	BLU	008-3-1	1 mm²	FLRY-B
7	BLU	071-1	1.5 mm²	FLRY-B
8	BLU	071-2	1.5 mm²	FLRY-B
9	BLU	071-3-1	1 mm²	FLRY-B
10	BLU	071-4-1	1 mm²	FLRY-B
11	BLU	071-5	1.5 mm²	FLRY-B
12	RED	SENSOR CABLE 1	0.75 mm²	CABLE
13	BLK	SENSOR CABLE 1	0.75 mm²	CABLE
14	BLU	SENSOR CABLE 1	0.75 mm²	CABLE
15	BLU	071-8	1.5 mm²	FLRY-B
16	GRN	055-1-1	1.5 mm²	FLRY-B
17	BLU	071-9	1 mm²	FLRY-B
18	SHLD	SENSOR CABLE 1	0.75 mm²	SHLD
19	GRN	049-13	1 mm²	FLRY-B
20	YEL	062-12	1 mm²	FLRY-B
21	BLK	000-15	1.5 mm²	FLRY-B
22	BLK	000-24	1.5 mm²	FLRY-B
23	BLK	000-16	1.5 mm²	FLRY-B
24	BLK	000-17	1.5 mm²	FLRY-B

X772

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	YEL	085-3	1 mm²	FLRY-B
2	YEL	085-4	1 mm²	FLRY-B
3	WHT	085-2	1 mm²	FLRY-B
4	BLK	000-62	1 mm²	FLRY-B

X78

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	GRN	081-1	1 mm²	FLRY-B
2	GRN	082-1	1 mm²	FLRY-B
3	YEL	063-22	1 mm²	FLRY-B
4	BLK	000-34	1 mm²	FLRY-B

X106

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLK	000-53	4 mm²	FLRY-B
2	BLK	000-54	4 mm²	FLRY-B
3	BLK	000-55	4 mm²	FLRY-B
4	BLK	000-56	4 mm²	FLRY-B

X773

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	084-1	1 mm²	FLRY-B
2	BLK	000-61	1 mm²	FLRY-B

X36

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	YEL	061-5	4 mm²	FLRY-B
2	WHT	049-5	1 mm²	FLRY-B
3	LGR	070-8-1	1 mm²	FLRY-B
4	YEL	062-5	1 mm²	FLRY-B
5	GRN	070-3-2	1 mm²	FLRY-B
6	GRN	070-3-3	1 mm²	FLRY-B
7	BLK	000-48	4 mm²	FLRY-B
8	GRN	055-1-2	1 mm²	FLRY-B
9	GRN	055-1-3	1 mm²	FLRY-B
10	YEL	075-2-3	2.5 mm²	FLRY-B
11				
12	RED	CAN CABLE H 2-1	0.75 mm²	CABLE
13	BLK	CAN CABLE L 2-1	0.75 mm²	CABLE
14	SHLD	CAN CABLE 2-1	0.75 mm²	SHLD
15	YEL	062-4	2.5 mm²	FLRY-B
16	LGR	049-14	1 mm²	FLRY-B

X34

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	GRN	025-1	1 mm²	FLRY-B
2	GRN	026-1	1 mm²	FLRY-B
3	WHT	058-1	1 mm²	FLRY-B
4	GRN	003-1	1 mm²	FLRY-B
5	GRN	004-1	1 mm²	FLRY-B
6	WHT	058-2	1 mm²	FLRY-B
7	GRN	014-1	1 mm²	FLRY-B
8	GRN	013-1	1 mm²	FLRY-B
9	WHT	058-3	1 mm²	FLRY-B
10	GRN	070-7	1 mm²	FLRY-B
11	GRN	070-2	1 mm²	FLRY-B
12	WHT	058-4	1 mm²	FLRY-B
13	BLK	058-6	1 mm²	FLRY-B
14	RED	CAN CABLE H 2-2	0.75 mm²	CABLE
15	BLK	CAN CABLE L 2-2	0.75 mm²	CABLE
16	SHIELD	CAN CABLE 2-2	18 AWG	SHLD

WH65-1

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BRN	074-6	1.5 mm²	FLRY-B
2	BLK	000-50	1.5 mm²	FLRY-B

WH65-2

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BRN	074-5	1.5 mm²	FLRY-B
2	BLK	000-51	1.5 mm²	FLRY-B

SW77

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
A				
B	YEL	062-9-2	1 mm²	FLRY-B
C	LGR	077-1	1 mm²	FLRY-B

WH71

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	YEL	063-31	1.5 mm²	FLRY-B
2	BLK	000-35	1.5 mm²	FLRY-B

WH66-1

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BRN	073-11	1.5 mm²	FLRY-B
2	BLK	000-37	1.5 mm²	FLRY-B
3	BRN	073-12	1.5 mm²	FLRY-B
4	BRN	073-10	1.5 mm²	FLRY-B

WH66-2

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BRN	073-15	1.5 mm²	FLRY-B
2	BRN	073-16	1.5 mm²	FLRY-B

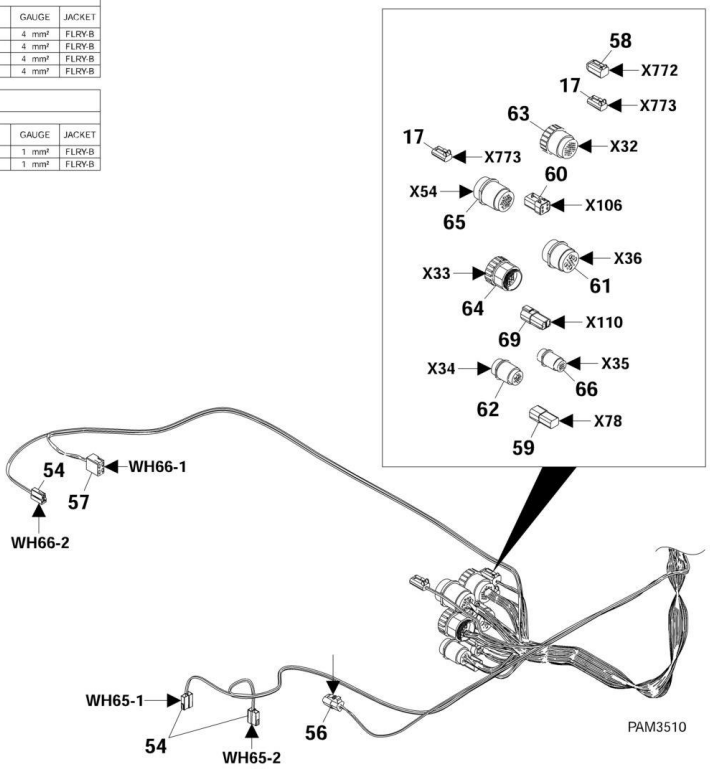


FIGURE 10-11. CAB FLOOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143032	1	CAB FLOOR HARNESS, (includes all items)	B
1	1001116995	11	CONNECTOR	
1	1001118379	1	TERMINAL	
2	4461164	1	CONNECTOR	
2	1001104519	6	TERMINAL	
2	1001116716	2	TERMINAL	
2	N.S.S.	1	PLUG	
3	4461164	1	CONNECTOR	
3	1001104519	5	TERMINAL	
3	1001116716	4	TERMINAL	
3	N.S.S.	1	PLUG	
4	4461164	6	CONNECTOR	
4	1001104519	4	TERMINAL	
4	N.S.S.	4	PLUG	
5	4461164	3	CONNECTOR	
5	1001104519	6	TERMINAL	
5	N.S.S.	2	PLUG	
6	1001103012	1	CONNECTOR	
6	1001116698	2	PLUG	
6	1001116697	2	TERMINAL	
6	1001104498	2	SEAL	
7	4460894	2	CONNECTOR	
7	4460466	2	PLUG	
7	4460465	4	TERMINAL	
8	4460930	1	CONNECTOR	
8	4460465	7	TERMINAL	
8	4460466	1	PLUG	
9	4461164	1	CONNECTOR	
9	1001104519	5	TERMINAL	
9	N.S.S.	3	PLUG	
10	1001116995	2	CONNECTOR	
10	1001091751	2	BUZZER	
10	1001118379	1	TERMINAL	
11	4460367	1	CONNECTOR	
11	1001118378	11	TERMINAL	
11	N.S.S.	1	PLUG	
12	1001118685	1	CONNECTOR	
12	1001104519	4	TERMINAL	
12	1001118383	2	TERMINAL	
13	1001117121	1	CONNECTOR	
13	1001104519	2	TERMINAL	
13	N.S.S.	4	PLUG	
14	4461164	1	CONNECTOR	
14	1001104519	8	TERMINAL	
15	1001116992	1	CONNECTOR	
15	1001118382	19	TERMINAL	
15	N.S.S.	1	PLUG	
16	4460265	1	CONNECTOR	
16	1001118378	7	TERMINAL	
16	N.S.S.	1	PLUG	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
17	4460891	2	CONNECTOR	
17	4460465	2	TERMINAL	
18	1001116993	1	CONNECTOR	
18	1001118382	14	TERMINAL	
18	N.S.S.	10	PLUG	
19	4460930	1	CONNECTOR	
19	4460465	8	TERMINAL	
19	N.S.S.	1	SHIELD	
20	4460899	1	CONNECTOR	
20	4460464	3	TERMINAL	
20	4460466	3	PLUG	
21	1001117064	1	CONNECTOR	
21	91554014	6	TERMINAL	
22	4460539	1	CONNECTOR	
22	4460465	3	TERMINAL	
23	70022833	1	DIODE	
24	4460343	1	CONNECTOR	
24	4460268	11	TERMINAL	
24	N.S.S.	1	PLUG	
25	1001117013	1	CONNECTOR	
25	4460887	4	TERMINAL	
25	N.S.S.	1	PLUG	
26	4460434	1	CONNECTOR	
26	4460268	14	TERMINAL	
26	N.S.S.	1	PLUG	
27	4460434	1	CONNECTOR	
27	4460267	14	TERMINAL	
27	N.S.S.	1	PLUG	
28	1001116982	1	CONNECTOR	
28	1001118379	1	TERMINAL	
29	1001117004	1	CONNECTOR	
29	1001116701	2	TERMINAL	
30	4460434	1	CONNECTOR	
30	4460268	11	TERMINAL	
30	N.S.S.	4	PLUG	
31	4460434	1	CONNECTOR	
31	4460267	9	TERMINAL	
31	N.S.S.	6	PLUG	
32	4460434	1	CONNECTOR	
32	4460268	15	TERMINAL	
33	4460343	1	CONNECTOR	
33	4460267	4	TERMINAL	
33	N.S.S.	8	PLUG	
34	70020190	1	DIODE	
35	4460434	1	CONNECTOR	
35	4460267	15	TERMINAL	
36	4460539	1	CONNECTOR	
36	4460942	2	TERMINAL	
36	4460465	1	TERMINAL	
36	4460466	3	SEAL	
37	1001116922	1	CONNECTOR	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
37	4460464	7	TERMINAL	
37	4460466	2	PLUG	
37	N.S.S.	1	SHIELD	
38	4461164	2	CONNECTOR	
38	1001104519	5	TERMINAL	
38	N.S.S.	3	PLUG	
39	1001117012	1	CONNECTOR	
39	4460887	4	TERMINAL	
39	N.S.S.	1	PLUG	
40	4460874	1	TERMINAL	
40	4460905	19	PLUG	
40	4460871	16	TERMINAL	
41	461217	1	CONNECTOR	
41	4460929	5	TERMINAL	
41	4460518	1	PLUG	
42	4460875	1	CONNECTOR	
42	4460871	22	TERMINAL	
42	4460905	13	PLUG	
43	4460872	1	CONNECTOR	
43	4460905	4	PLUG	
43	4460871	10	TERMINAL	
44	4460873	1	CONNECTOR	
44	4460871	19	TERMINAL	
44	4460905	17	PLUG	
46	1001116998	2	CONNECTOR	
46	1001118387	1	TERMINAL	
47	1001117002	3	CONNECTOR	
47	1001118388	1	TERMINAL	
48	4460260	2	CONNECTOR	
48	1001118379	1	TERMINAL	
49	4460708	1	CONNECTOR	
49	4460267	14	TERMINAL	
49	N.S.S.	1	PLUG	
50	4460878	1	CONNECTOR	
50	4460887	4	TERMINAL	
51	1001113961	1	CONNECTOR	
51	4460905	3	PLUG	
51	4460871	5	TERMINAL	
52	4460876	1	CONNECTOR	
52	4460871	27	TERMINAL	
52	4460905	8	PLUG	
53	4460266	1	CONNECTOR	
53	4460267	8	TERMINAL	
53	N.S.S.	1	PLUG	
54	4460994	3	CONNECTOR	
54	1001104519	2	TERMINAL	
55	4460539	1	CONNECTOR	
55	4460466	1	PLUG	
55	4460465	2	TERMINAL	
56	4460891	1	CONNECTOR	
56	4460942	2	TERMINAL	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
57	1001116986	1	CONNECTOR	
57	1001104519	4	TERMINAL	
58	4460884	1	CONNECTOR	
58	4460465	4	TERMINAL	
59	4460932	1	CONNECTOR	
59	4460464	4	TERMINAL	
59	4460466	4	SEAL	
60	1001116810	1	CONNECTOR	
60	4460509	4	TERMINAL	
61	1001116987	1	CONNECTOR	
61	1001116709	4	TERMINAL	
61	1001118380	11	TERMINAL	
61	1001118391	1	PLUG	
61	1001118391	16	SEAL	
62	1001116990	1	CONNECTOR	
62	1001118380	16	TERMINAL	
63	1001116978	1	CONNECTOR	
63	1001118381	36	TERMINAL	
63	1001118391	1	PLUG	
64	1001117134	1	CONNECTOR	
64	1001118381	24	TERMINAL	
65	1001116976	1	CONNECTOR	
65	1001118380	26	TERMINAL	
65	1001118391	11	PLUG	
66	1001116988	1	CONNECTOR	
66	1001118380	8	TERMINAL	
66	1001118391	1	PLUG	
66	1001118391	9	SEAL	
67	1001116997	1	CONNECTOR	
67	1001104519	5	TERMINAL	
67	N.S.S.	1	PLUG	
68	4460343	1	CONNECTOR	
68	4460268	2	TERMINAL	
68	N.S.S.	10	PLUG	
69	1001116811	1	CONNECTOR	
69	4460508	4	TERMINAL	

FIGURE 10-12. CAB ROOF HARNESS

LB05

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	072-2	BLU	1.0 mm²	FLRY-B

LB05-GND

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1				
2	000-6-2	BLK	1.0 mm²	FLRY-B

X52

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	000-6	BLK	1.0 mm²	FLRY-B
2	061-10-2	YEL	1.0 mm²	FLRY-B
3	063-2	YEL	1.0 mm²	FLRY-B
4	074-10	BRN	1.5 mm²	FLRY-B
5	074-11	BRN	1.5 mm²	FLRY-B
6	000-5	BLK	1.5 mm²	FLRY-B
7	074-9-2	YEL	1.0 mm²	FLRY-B
8	072-2	BLU	1.0 mm²	FLRY-B
9	051-2	BLU	1.5 mm²	FLRY-B
10	000-3	BLK	1.5 mm²	FLRY-B
11	051-3	BLU	1.5 mm²	FLRY-B
12	000-2	BLK	1.5 mm²	FLRY-B
13	072-1	BLU	1.0 mm²	FLRY-B
14	000-1	BLK	1.0 mm²	FLRY-B
15				

X64

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	074-13	BRN	1.5 mm²	FLRY-B
2	074-1	BRN	1.5 mm²	FLRY-B
3	074-9-1	YEL	1.0 mm²	FLRY-B
4	000-14	BLK	1.5 mm²	FLRY-B
5				
6	049-1	BRN	1.0 mm²	FLRY-B
7	049-2	BRN	1.0 mm²	FLRY-B
8	049-3	BRN	1.0 mm²	FLRY-B
9	049-4	BRN	1.0 mm²	FLRY-B

LB10

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	051-3-1	BLU	1 mm²	
2	000-2-1	BLK	1 mm²	

LB12

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	051-2-2	BLU	1 mm²	
2	000-3-2	BLK	1 mm²	

WH08

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	074-9-1	YEL	1.0 mm²	FLRY-B
2	000-14	BLK	1.5 mm²	FLRY-B
3	074-13	BRN	1.5 mm²	FLRY-B
4	074-1	BRN	1.5 mm²	FLRY-B

LB11

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	051-2-1	BLU	1 mm²	
2	000-3-1	BLK	1 mm²	

LB09

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	051-3-2	BLU	1 mm²	
2	000-2-2	BLK	1 mm²	

MS21-1

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1				
2				
3				
4	061-10-2	YEL	1.0 mm²	FLRY-B
5				
6				
7	063-2	YEL	1.0 mm²	FLRY-B
8	000-6-1	BLK	1.0 mm²	FLRY-B

MS21

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1				
2				
3	049-1	BRN	1.0 mm²	FLRY-B
4	049-2	BRN	1.0 mm²	FLRY-B
5	049-3	BRN	1.0 mm²	FLRY-B
6	049-4	BRN	1.0 mm²	FLRY-B
7				
8				

WH07

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	074-9-2	YEL	1.0 mm²	FLRY-B
2	000-5	BLK	1.5 mm²	FLRY-B
3	074-11	BRN	1.5 mm²	FLRY-B
4	074-10	BRN	1.5 mm²	FLRY-B

LB45-GND

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
2	000-1	BLK	1.0 mm²	FLRY-B

LB45

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	072-1	BLU	1.0 mm²	FLRY-B

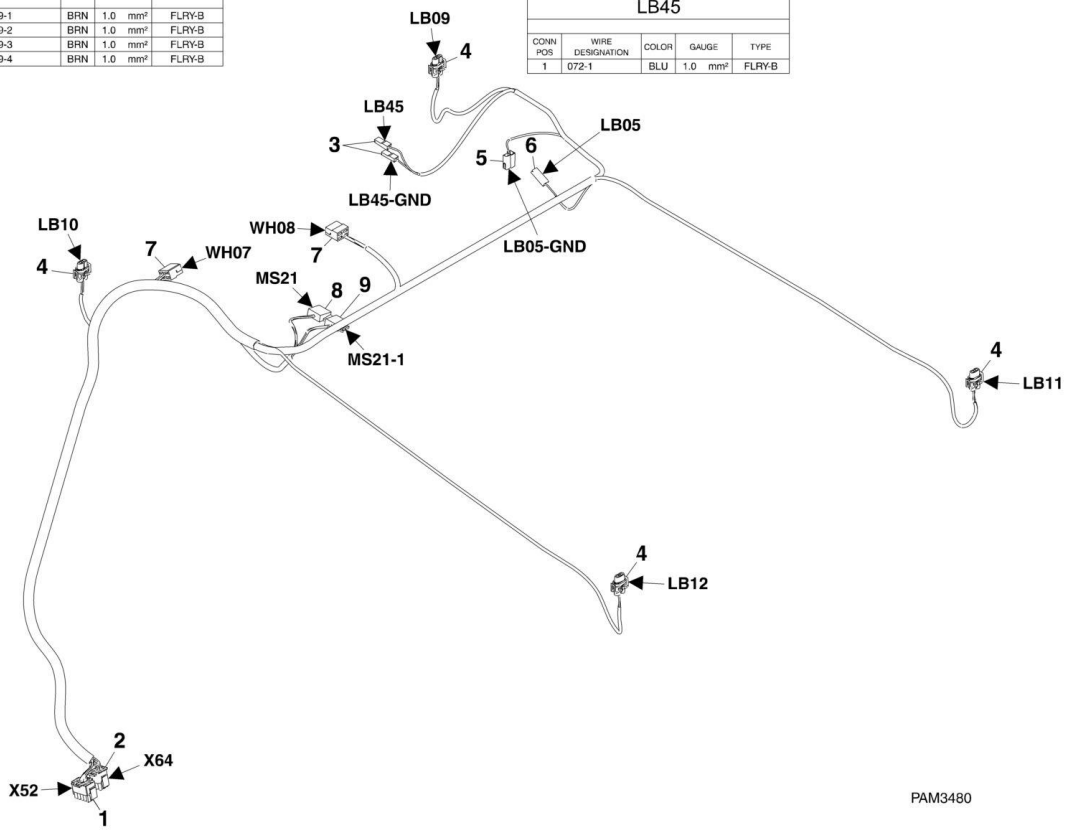


FIGURE 10-12. CAB ROOF HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001114334	1	CAB ROOF HARNESS, (includes all items)	B
1	4460434	1	CONNECTOR	
1	4460268	14	TERMINAL	
1	N.S.S.	1	PLUG	
2	4460265	1	CONNECTOR	
2	4460268	8	TERMINAL	
2	N.S.S.	1	PLUG	
3	1001116982	2	CONNECTOR	
3	1001118379	1	TERMINAL	
4	4461115	3	CONNECTOR	
4	1001103564	3	WEDGE LOCK	
4	4460746	2	TERMINAL	
4	4460458	2	SEAL	
5	4460994	1	CONNECTOR	
5	1001118379	1	TERMINAL	
6	4460260	1	CONNECTOR	
6	1001118379	1	TERMINAL	
7	1001116986	2	CONNECTOR	
7	1001118385	4	TERMINAL	
8	1001116984	1	CONNECTOR	
8	1001118386	4	TERMINAL	
8	N.S.S.	4	PLUG	
9	1001116985	1	CONNECTOR	
9	1001118386	3	TERMINAL	
9	N.S.S.	5	PLUG	

FIGURE 10-13. BOOM HARNESS

X204			
TO REAR FRAME HARNESS			
CONN POS	WIRE DESIGNATION	COLOR	GAUGE
1	BOOM CABLE, 4 COND.	1 BLK	1.5 mm²
2	BOOM CABLE, 4 COND.	2 BLK	1.5 mm²
3	BOOM CABLE, 4 COND.	3 BLK	1.5 mm²
4	BOOM CABLE, 4 COND.	GRN/YEL	1.5 mm²

HV202			
TO QUICK COUPLER			
CONN POS	WIRE DESIGNATION	COLOR	GAUGE
1	BOOM CABLE, 4 COND.	3 BLK	1.5 mm²
2	BOOM CABLE, 4 COND.	GRN/YEL	1.5 mm²

HV203			
TO AUX 1/2			
CONN POS	WIRE DESIGNATION	COLOR	GAUGE
1	BOOM CABLE, 4 COND.	1 BLK	1.5 mm²
2	BOOM CABLE, 4 COND.	2 BLK	1.5 mm²

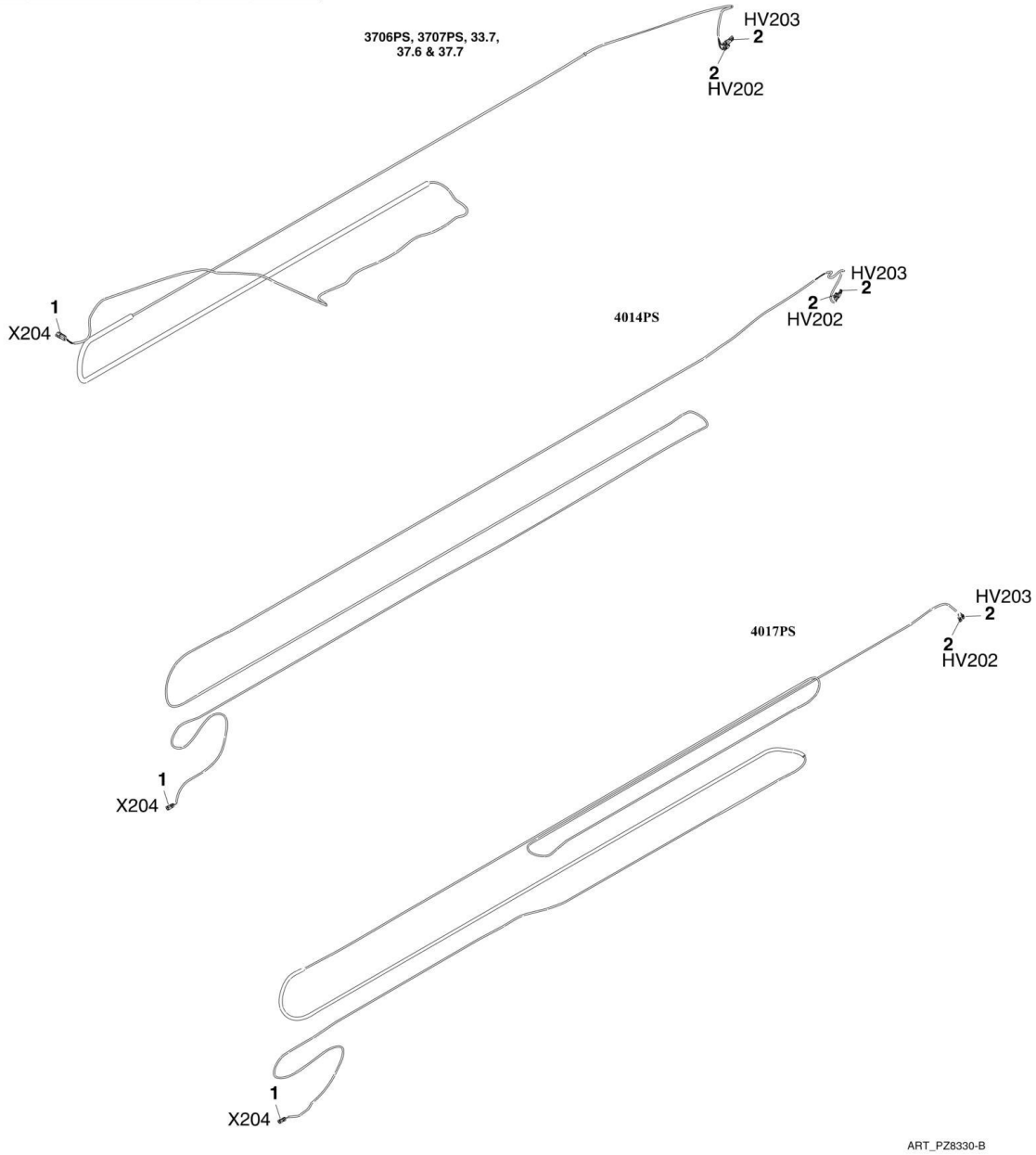


FIGURE 10-13. BOOM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001092048	1	BOOM HARNESS (33.7,37.6,37.7,3706PS,3707PS)	E
	1001110791	1	BOOM HARNESS (4014PS)	E
	1001113381	1	BOOM HARNESS (4017PS)	D
1	4460932	1	CONNECTOR, (includes rear seal)	
1	80604020	1	WEDGELOCK	
1	4460464	4	TERMINAL	
2	4460891	2	PLUG CONNECTOR, (includes rear seal)	
2	77363244	1	WEDGELOCK	
2	4460465	2	CONTACT	

FIGURE 10-14. BOOM LIGHT HARNESS

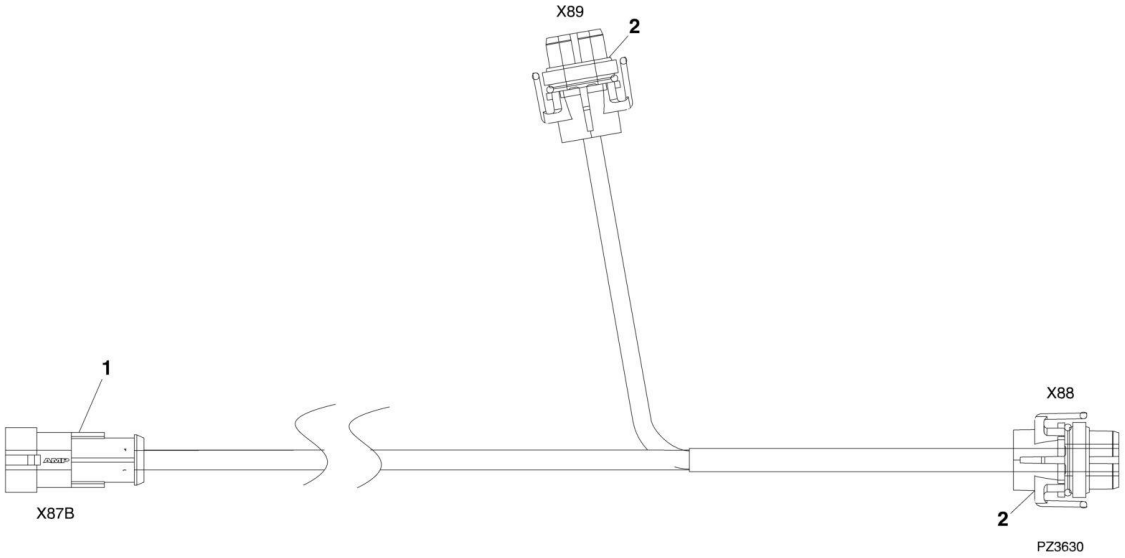


FIGURE 10-14. BOOM LIGHT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001094011	1	BOOM LIGHT HARNESS, (if equipped), (includes all items)	A
1	4461227	1	CONNECTOR	
2	4461115	2	CONNECTOR	

FIGURE 10-15. FRONT FRAME HARNESS (3706PS,3707PS,4014PS,4017PS)

3706PS, 3707PS 4014PS & 4017 PS

LB235
TO LEFT HEADLIGHT

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	000-21	BLK	1.5 mm²	FLRYW
2	071-12	BLU	1.0 mm²	FLRYW
3	071-11	BLU	1.0 mm²	FLRYW
4	071-15	BLU	1.0 mm²	FLRYW
5	01-3-3	BLU	1.0 mm²	FLRYW
6				

LB236
TO RIGHT HEADLIGHT

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	000-20	BLK	1.5 mm²	FLRYW
2	071-14	BLU	1.0 mm²	FLRYW
3	071-13	BLU	1.0 mm²	FLRYW
4	071-16	BLU	1.0 mm²	FLRYW
5	071-4-3	BLU	1.0 mm²	FLRYW
6				

SN234
TO AXLE PROXIMITY SENSOR

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	078-2	ORG	1.0 mm²	FLRYW
2	063-5	YEL	1.0 mm²	FLRYW
3	000-19	BLK	1.0 mm²	FLRYW

HV238-CB
TO STEER SELECT

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	065-2	ORG	1.0 mm²	FLRYW
2	000-23-4	BLK	1.0 mm²	FLRYW

HV238-AW
TO STEER SELECT

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	065-1	ORG	1.0 mm²	FLRYW
2	000-23-3	BLK	1.0 mm²	FLRYW

X54
TO CAB HARNESS

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	078-2	ORG	1.0 mm²	FLRYW
2	065-1	ORG	1.0 mm²	FLRYW
3	065-2	ORG	1.0 mm²	FLRYW
4				
5				
6				
7				
8				
9				
10				
11				
12				
13	071-11	BLU	1.0 mm²	FLRYW
14	071-12	BLU	1.0 mm²	FLRYW
15	071-13	BLU	1.0 mm²	FLRYW
16	071-14	BLU	1.0 mm²	FLRYW
17	071-15	BLU	1.0 mm²	FLRYW
18	071-16	BLU	1.0 mm²	FLRYW
19	071-3-3	BLU	1.0 mm²	FLRYW
20	071-4-3	BLU	1.0 mm²	FLRYW
21	063-5	YEL	1.0 mm²	FLRYW
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33	000-19	BLK	1.0 mm²	FLRYW
34	000-20	BLK	1.5 mm²	FLRYW
35	000-21	BLK	1.5 mm²	FLRYW
36				
37	000-23	BLK	1.0 mm²	FLRYW

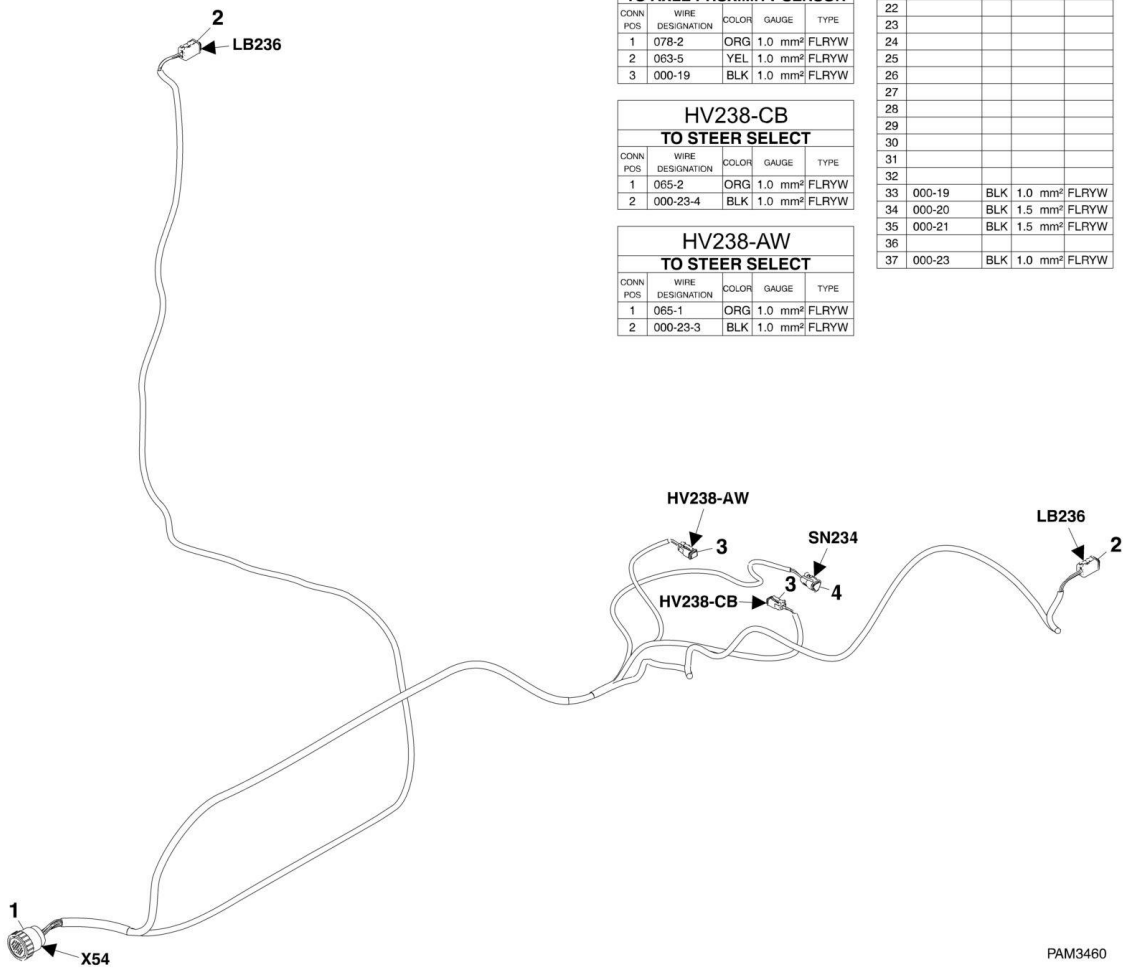


FIGURE 10-15. FRONT FRAME HARNESS (3706PS,3707PS,4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001090727	1	FRONT FRAME HARNESS, (includes all items)	C
1	1001116978	1	CONNECTOR	
1	1001118381	16	TERMINAL	
1	1001118391	21	PLUG	
2	4460894	2	CONNECTOR	
2	80604023	2	WEDGE LOCK	
2	4460465	5	TERMINAL	
2	4460466	1	PLUG	
3	4460891	2	CONNECTOR	
3	80604018	2	WEDGE LOCK	
3	4460465	2	TERMINAL	
4	4460539	1	CONNECTOR	
4	77363244	1	WEDGE LOCK	
4	4460465	3	TERMINAL	

FIGURE 10-16. REAR FRAME HARNESS

AH215

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	008-3-3	BLU	1.0 mm²	FLRY-B
2	000-24-2	BLK	1.0 mm²	FLRY-B

LB209

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	000-24-1	BLK	1.5 mm²	FLRY-B
2	071-4-4	BLU	1.0 mm²	FLRY-B
3	071-5-1	BLU	1.0 mm²	FLRY-B
4	071-1-1	BLU	1.0 mm²	FLRY-B
5	008-3-1	BLU	1.0 mm²	FLRY-B
6	071-9-1	BLU	1.0 mm²	FLRY-B
7				

X321

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	071-3-7	BLU	1.5 mm²	FLRY-B
2	071-9-3	BLU	1.5 mm²	FLRY-B
3	000-17-2	BLK	1.5 mm²	FLRY-B
4	071-4-5	BLU	1.5 mm²	FLRY-B
5	071-1-2	BLU	1.5 mm²	FLRY-B
6	071-5-3	BLU	1.5 mm²	FLRY-B
7	071-2-2	BLU	1.5 mm²	FLRY-B
8				

SN219

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	058-6-1	BLK	1.0 mm²	FLRY-B
2	062-12-1	YEL	1.0 mm²	FLRY-B
3	078-1	GRN	1.0 mm²	FLRY-B

SN205

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	062-12-3	YEL	1.0 mm²	FLRY-B
2	000-13-3	BLK	1.0 mm²	FLRY-B
3	049-13	GRN	1.0 mm²	FLRY-B

LB211

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	071-1-3	BLU	1.0 mm²	FLRY-B
2	000-15-2	BLK	1.0 mm²	FLRY-B

X204

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	070-3-1	GRN	1.5 mm²	FLRY-B
2	000-17-1	BLK	1.5 mm²	FLRY-B
3	055-1-1	GRN	1.5 mm²	FLRY-B
4	000-16-1	BLK	1.5 mm²	FLRY-B

X206

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	071-8	BLU	1.5 mm²	FLRY-B
2	000-16-2	BLK	1.5 mm²	FLRY-B

LB210

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	000-15-1	BLK	1.0 mm²	FLRY-B
2	071-9-2	BLU	1.0 mm²	FLRY-B
3	008-3-2	BLU	1.0 mm²	FLRY-B
4	071-2-1	BLU	1.0 mm²	FLRY-B
5	071-5-2	BLU	1.0 mm²	FLRY-B
6	071-3-6	BLU	1.0 mm²	FLRY-B
7				

SN233

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
A	065-7	WHT	1.0 mm²	FLRY-B
B	062-12-2	YEL	1.0 mm²	FLRY-B
C	000-13-1	BLK	1.0 mm²	FLRY-B

SN218

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	047-2	GRN	1.0 mm²	FLRY-B
2	000-13-2	BLK	1.0 mm²	FLRY-B

HV214-A2

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	070-2	GRN	1.0 mm²	FLRY-B
2	058-4-2	WHT	1.0 mm²	FLRY-B

HV214-A1

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	070-7	GRN	1.0 mm²	FLRY-B
2	058-4-1	WHT	1.0 mm²	FLRY-B

HV214-TU

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	025-1	GRN	1.0 mm²	FLRY-B
2	058-1-1	WHT	1.0 mm²	FLRY-B

HV214-TD

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	026-1	GRN	1.0 mm²	FLRY-B
2	058-1-2	WHT	1.0 mm²	FLRY-B

HV214-TO

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	014-1	GRN	1.0 mm²	FLRY-B
2	058-3-2	WHT	1.0 mm²	FLRY-B

HV214-TI

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	013-1	GRN	1.0 mm²	FLRY-B
2	058-3-1	WHT	1.0 mm²	FLRY-B

HV214-LU

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	003-1	GRN	1.0 mm²	FLRY-B
2	058-2-1	WHT	1.0 mm²	FLRY-B

HV214-LD

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	004-1	GRN	1.0 mm²	FLRY-B
2	058-2-2	WHT	1.0 mm²	FLRY-B

X34

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	025-1	GRN	1.0 mm²	FLRY-B
2	026-1	GRN	1.0 mm²	FLRY-B
3	058-1	WHT	1.0 mm²	FLRY-B
4	003-1	GRN	1.0 mm²	FLRY-B
5	004-1	GRN	1.0 mm²	FLRY-B
6	058-2	WHT	1.0 mm²	FLRY-B
7	014-1	GRN	1.0 mm²	FLRY-B
8	013-1	GRN	1.0 mm²	FLRY-B
9	058-3	WHT	1.0 mm²	FLRY-B
10	070-7	GRN	1.0 mm²	FLRY-B
11	070-2	GRN	1.0 mm²	FLRY-B
12	058-4	WHT	1.0 mm²	FLRY-B
13	058-6-1	BLK	1.0 mm²	FLRY-B
14				
15				
16				

X33

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	047-2	GRN	1.0 mm²	FLRY-B
2	000-13	BLK	1.0 mm²	FLRY-B
3	078-1	GRN	1.0 mm²	FLRY-B
4	065-7	WHT	1.0 mm²	FLRY-B
5	070-3-1	GRN	1.5 mm²	FLRY-B
6	008-3	BLU	1.0 mm²	FLRY-B
7	071-1	BLU	1.5 mm²	FLRY-B
8	071-2	BLU	1.5 mm²	FLRY-B
9	071-3-1	BLU	1.5 mm²	FLRY-B
10	071-4-1	BLU	1.5 mm²	FLRY-B
11	071-5	BLU	1.5 mm²	FLRY-B
12	SENSOR CABLE 1	RED	0.75 mm²	
13	SENSOR CABLE 1	BLK	0.75 mm²	
14	SENSOR CABLE 1	BLU	0.75 mm²	-
15	071-8	BLU	1.5 mm²	FLRY-B
16	055-1-1	GRN	1.5 mm²	FLRY-B
17	071-9	BLU	1.0 mm²	FLRY-B
18	SENSOR CABLE 1	BLK	0.75 mm²	
19	049-13	GRN	1.0 mm²	FLRY-B
20	062-12	YEL	1.0 mm²	FLRY-B
21	000-15	BLK	1.0 mm²	FLRY-B
22	000-24	BLK	1.0 mm²	FLRY-B
23	000-16	BLK	1.5 mm²	FLRY-B
24	000-17	BLK	1.5 mm²	FLRY-B

SN213

CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
A	SENSOR CABLE 1	BLK	0.75 mm²	
B	SENSOR CABLE 1	RED	0.75 mm²	
C	SENSOR CABLE 1	BLU	0.75 mm²	-
-	CAN CABLE 9 SHIELD		-	-

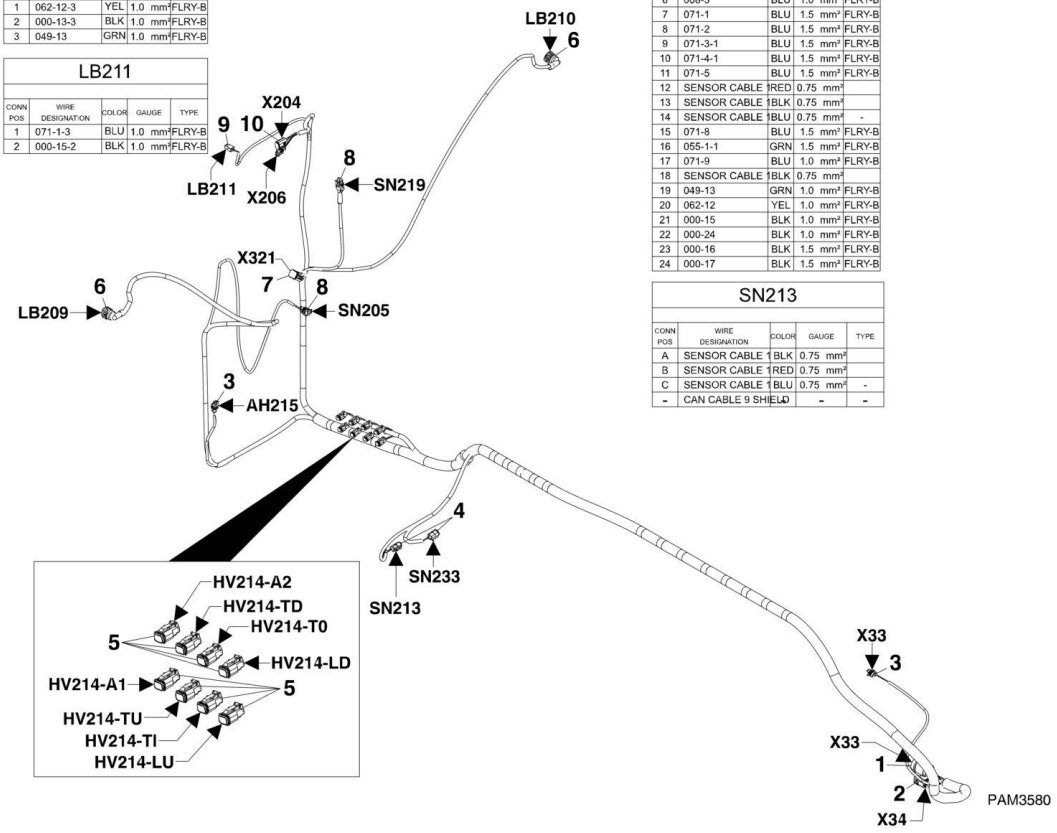


FIGURE 10-16. REAR FRAME HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001120969	1	REAR FRAME HARNESS, (includes all items)	A
1	4461131	1	CONNECTOR	
1	1001118380	24	TERMINAL	
2	1001116977	1	CONNECTOR	
2	1001118381	13	TERMINAL	
2	N.S.S.	3	PLUG	
3	4461118	3	CONNECTOR	
3	1001116697	2	TERMINAL	
4	4460539	2	CONNECTOR	
4	77363244	2	WEDGE LOCK	
4	4460465	3	TERMINAL	
5	4460891	8	CONNECTOR	
5	80604018	8	WEDGE LOCK	
5	4460465	2	TERMINAL	
6	1001116996	2	CONNECTOR	
6	7028639	2	BOOT	
6	1001118392	1	TERMINAL	
6	1001118393	5	TERMINAL	
6	1001137578	5	SEAL	
6	4461008	1	PLUG	
7	4460930	1	CONNECTOR	
7	80604025	1	WEDGE LOCK	
7	4460464	7	TERMINAL	
7	4460966	1	PLUG	
8	4461262	2	CONNECTOR	
8	1001116697	3	TERMINAL	
8	1001104498	3	SEAL	
9	1001117133	1	CONNECTOR	
9	1001104519	2	TERMINAL	
10	4460884	1	CONNECTOR	
10	80604021	1	WEDE LOCK	
10	4460465	4	TERMINAL	

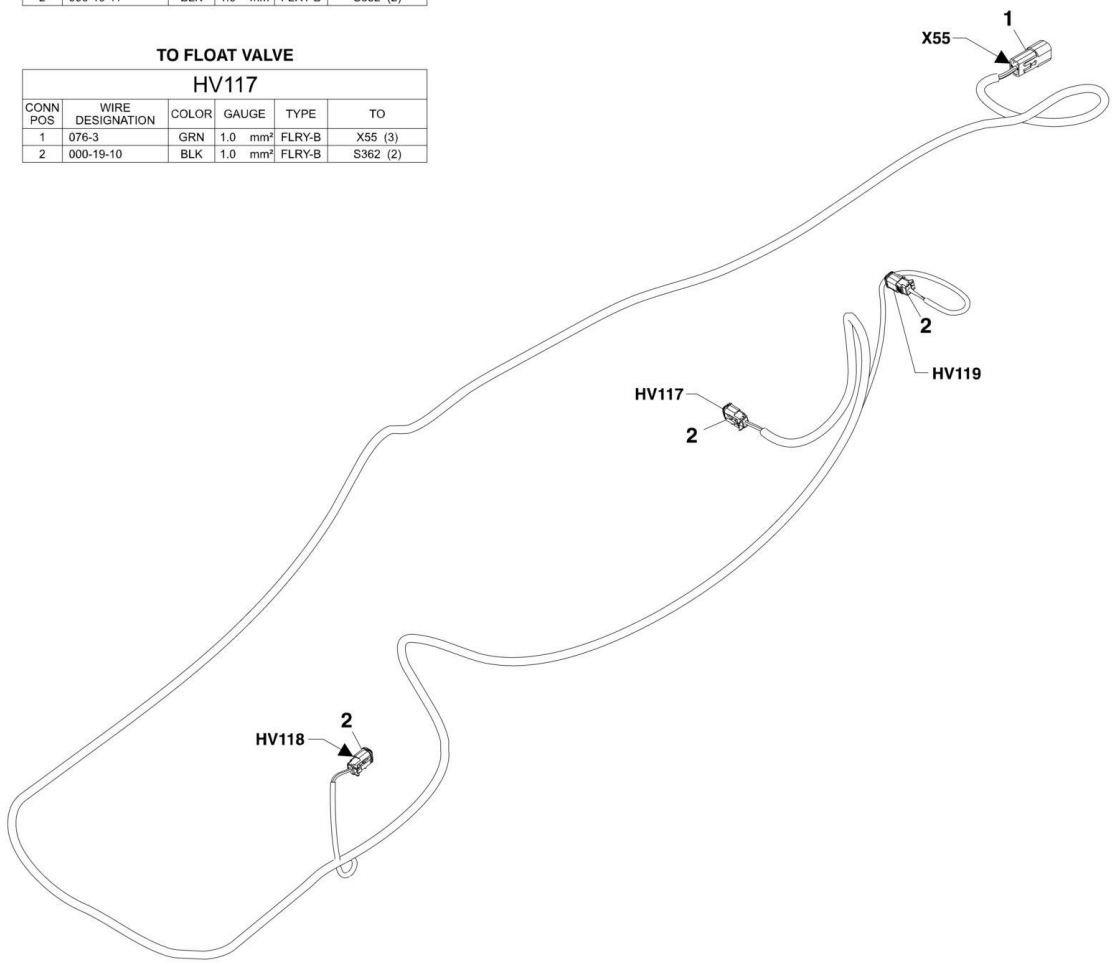
FIGURE 10-17. RIDE AND FLOAT CHASSIS SIDE HARNESS (33.7,37.6,37.7,3706PS,3707PS)

TO RIDE VALVE

HV119					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1	076-1	GRN	1.0 mm²	FLRY-B	X55 (1)
2	000-19-11	BLK	1.0 mm²	FLRY-B	S362 (2)

TO FLOAT VALVE

HV117					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1	076-3	GRN	1.0 mm²	FLRY-B	X55 (3)
2	000-19-10	BLK	1.0 mm²	FLRY-B	S362 (2)



TO CONTROLLER HARNESS

X55					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1	076-1	GRN	1.0 mm²	FLRY-B	HV119 (1)
2	076-2	GRN	1.0 mm²	FLRY-B	HV118 (1)
3	076-3	GRN	1.0 mm²	FLRY-B	HV117 (1)
4	000-19-8	BLK	1.5 mm²	FLRY-B	S362 (1)

TO MAIN CONTROL VENT VALVE

HV118					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1	076-2	GRN	1.0 mm²	FLRY-B	X55 (2)
2	000-19-9	BLK	1.0 mm²	FLRY-B	S362 (1)

PZ8360

FIGURE 10-17. RIDE AND FLOAT CHASSIS SIDE HARNESS (33.7,37.6,37.7,3706PS,3707PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001107182	1	RIDE AND FLOAT CHASSIS SIDE HARNESS (33.7,37.7,3707PS) **(3707PS Prior to SN 1160008184)**	B
	1001109525	1	RIDE AND FLOAT CHASSIS SIDE HARNESS (37.6,3706PS) **(3707PS SN 1160008184 to Present)**	B
1	4460932	1	CONNECTOR, (includes rear seal)	
1	80604020	1	WEDGE LOCK	
1	4460464	4	TERMINAL	
2	4460891	3	PLUG CONNECTOR, (includes rear seal)	
2	80604018	1	WEDGE LOCK	
2	4460465	2	TERMINAL	

FIGURE 10-18. RIDE AND FLOAT CAB HARNESS

LB1-GND				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
2	BLK	000-19-7	1 mm²	FLRY-B

LB1				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	LGR	047-1	1 mm²	FLRY-B

X112				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
A	YEL	063-11	1.5 mm²	FLRY-B
B	BLK	000-19-3	1.5 mm²	FLRY-B
C	BLU	075-9-16	1 mm²	FLRY-B

X56				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	LGR	047-1	1 mm²	FLRY-B
2	WHT	TWISTED PAIR 1	1 mm²	FLRY-B
3	BLK	TWISTED PAIR 1	1 mm²	FLRY-B
4	LGR	049-1	1 mm²	FLRY-B
5	BLK	000-19-4	1.5 mm²	FLRY-B
6	YEL	063-11-1	1 mm²	FLRY-B
7				
8				

SW47				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1				
2	YEL	063-11-2	1 mm²	FLRY-B
3	LGR	049-1	1 mm²	FLRY-B
4				
5				
6				
7	BLK	000-19-6	1 mm²	FLRY-B
8	BLU	075-9-16	1 mm²	FLRY-B

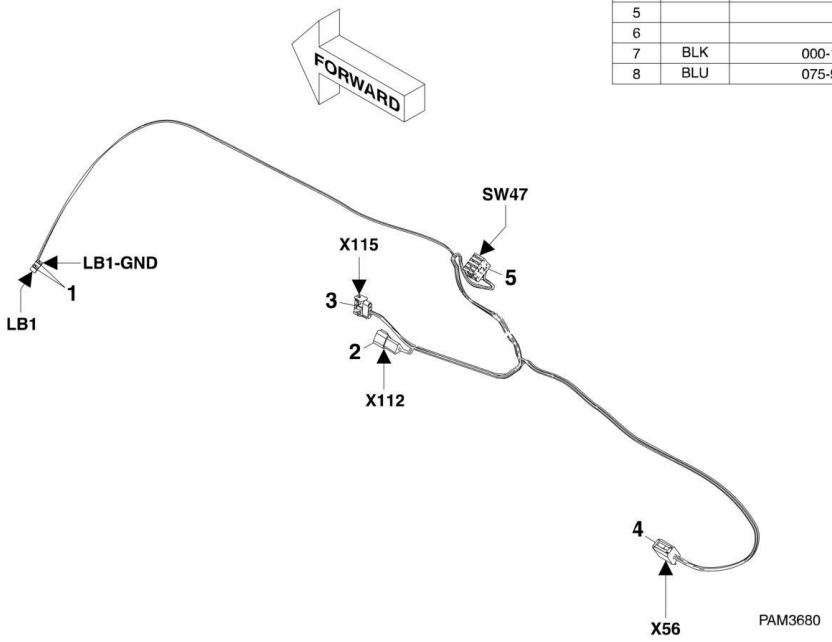


FIGURE 10-18. RIDE AND FLOAT CAB HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143050	1	RIDE AND FLOAT CAB HARNESS, (includes all items)	A
1	1001116995	2	CONNECTOR	
1	1001118379	1	TERMINAL	
2	4460536	1	CONNECTOR	
2	80604019	1	WEDGE LOCK	
2	4460464	3	TERMINAL	
3	1001119032	1	CONNECTOR	
3	4460267	4	TERMINAL	
4	4460930	1	CONNECTOR	
4	80604025	1	WEDGE LOCK	
4	4460465	6	TERMINAL	
4	4460466	2	PLUG	
5	8220904	1	CONNECTOR	
5	1001104519	4	TERMINAL	
5	N.S.S.	4	PLUG	

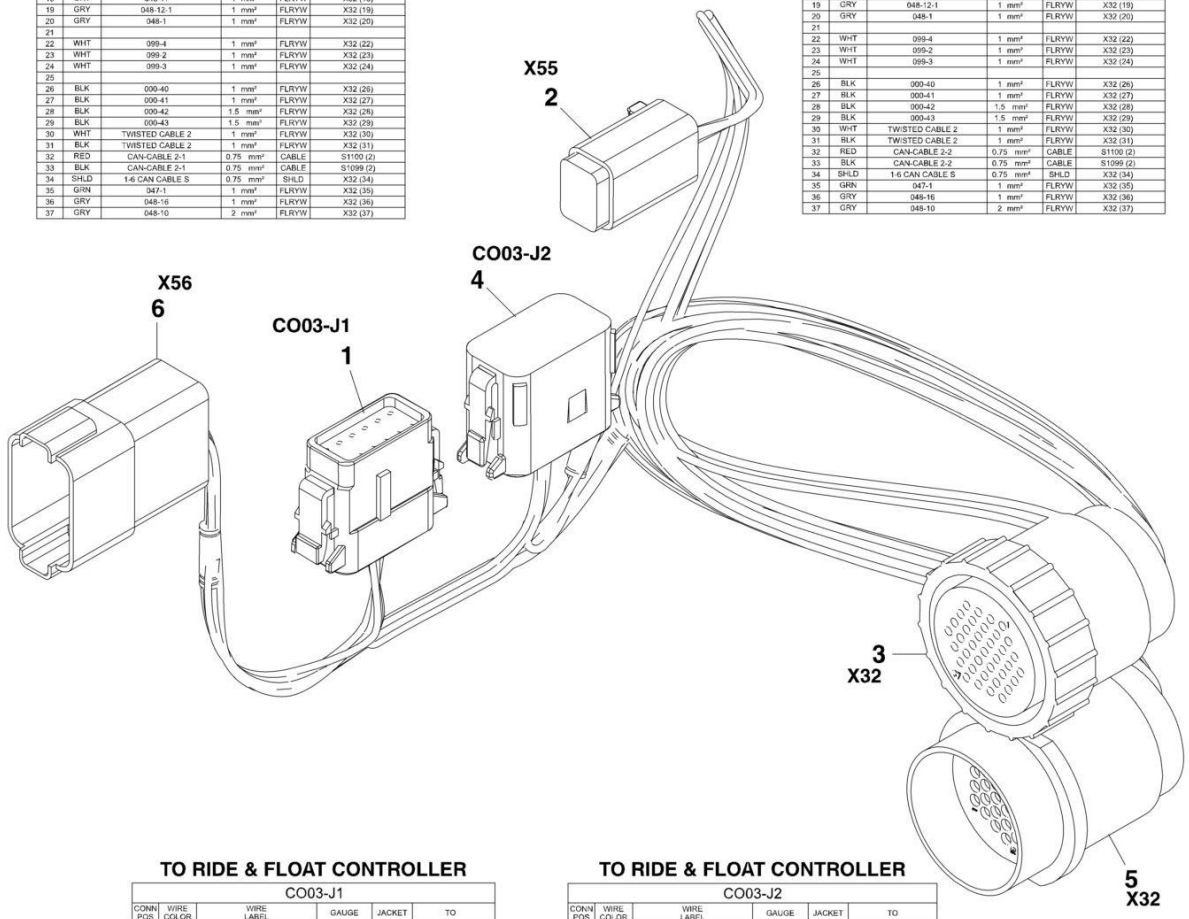
FIGURE 10-19. RIDE AND FLOAT CONTROLLER HARNESS

TO CAB HARNESS

X32					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	099-5	1 mm²	FLRYW	X32 (1)
2	BRN	074-6-1	1 mm²	FLRYW	X32 (2)
3	BRN	073-15-2	1 mm²	FLRYW	X32 (3)
4	BLK	058-8	1 mm²	FLRYW	X32 (4)
5	YEL	062-9-5	1.5 mm²	FLRYW	X32 (5)
6	YEL	057-1	1 mm²	FLRYW	X32 (6)
7	GRY	048-21	1 mm²	FLRYW	X32 (7)
8	GRY	048-18	1 mm²	FLRYW	X32 (8)
9	BRN	073-9	1 mm²	FLRYW	X32 (9)
10	WHT	048-23	1 mm²	FLRYW	X32 (10)
11	GRY	048-22	1 mm²	FLRYW	X32 (11)
12	GRY	048-25	1 mm²	FLRYW	X32 (12)
13	YEL	063-39	1 mm²	FLRYW	X32 (13)
14	GRY	048-3	1 mm²	FLRYW	X32 (14)
15	GRY	048-24	1 mm²	FLRYW	X32 (15)
16	WHT	099-1	1 mm²	FLRYW	X32 (16)
17	ORG	078-3	1 mm²	FLRYW	X32 (17)
18	GRY	048-11	1 mm²	FLRYW	X32 (18)
19	GRY	048-12-1	1 mm²	FLRYW	X32 (19)
20	GRY	048-1	1 mm²	FLRYW	X32 (20)
21					
22	WHT	099-4	1 mm²	FLRYW	X32 (22)
23	WHT	099-2	1 mm²	FLRYW	X32 (23)
24	WHT	099-3	1 mm²	FLRYW	X32 (24)
25					
26	BLK	000-40	1 mm²	FLRYW	X32 (26)
27	BLK	000-41	1 mm²	FLRYW	X32 (27)
28	BLK	000-42	1.5 mm²	FLRYW	X32 (28)
29	BLK	000-43	1.5 mm²	FLRYW	X32 (29)
30	WHT	TWISTED CABLE 2	1 mm²	FLRYW	X32 (30)
31	BLK	TWISTED CABLE 2	1 mm²	FLRYW	X32 (31)
32	RED	CAN-CABLE 2-1	0.75 mm²	CABLE	S1100 (2)
33	BLK	CAN-CABLE 2-1	0.75 mm²	CABLE	S1099 (2)
34	SHLD	1-6 CAN CABLE S	0.75 mm²	SHLD	X32 (34)
35	GRN	047-1	1 mm²	FLRYW	X32 (35)
36	GRY	048-16	1 mm²	FLRYW	X32 (36)
37	GRY	048-10	2 mm²	FLRYW	X32 (37)

TO ENGINE HARNESS

X32					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	099-5	1 mm²	FLRYW	X32 (1)
2	BRN	074-6-1	1 mm²	FLRYW	X32 (2)
3	BRN	073-15-2	1 mm²	FLRYW	X32 (3)
4	BLK	058-8	1 mm²	FLRYW	X32 (4)
5	YEL	062-9-5	1.5 mm²	FLRYW	X32 (5)
6	YEL	057-1	1 mm²	FLRYW	X32 (6)
7	GRY	048-21	1 mm²	FLRYW	X32 (7)
8	GRY	048-18	1 mm²	FLRYW	X32 (8)
9	BRN	073-9	1 mm²	FLRYW	X32 (9)
10	WHT	048-23	1 mm²	FLRYW	X32 (10)
11	GRY	048-22	1 mm²	FLRYW	X32 (11)
12	GRY	048-25	1 mm²	FLRYW	X32 (12)
13	YEL	063-39	1 mm²	FLRYW	X32 (13)
14	GRY	048-3	1 mm²	FLRYW	X32 (14)
15	GRY	048-24	1 mm²	FLRYW	X32 (15)
16	WHT	099-1	1 mm²	FLRYW	X32 (16)
17	ORG	078-3	1 mm²	FLRYW	X32 (17)
18	GRY	048-11	1 mm²	FLRYW	X32 (18)
19	GRY	048-12-1	1 mm²	FLRYW	X32 (19)
20	GRY	048-1	1 mm²	FLRYW	X32 (20)
21					
22	WHT	099-4	1 mm²	FLRYW	X32 (22)
23	WHT	099-2	1 mm²	FLRYW	X32 (23)
24	WHT	099-3	1 mm²	FLRYW	X32 (24)
25					
26	BLK	000-40	1 mm²	FLRYW	X32 (26)
27	BLK	000-41	1 mm²	FLRYW	X32 (27)
28	BLK	000-42	1.5 mm²	FLRYW	X32 (28)
29	BLK	000-43	1.5 mm²	FLRYW	X32 (29)
30	WHT	TWISTED CABLE 2	1 mm²	FLRYW	X32 (30)
31	BLK	TWISTED CABLE 2	1 mm²	FLRYW	X32 (31)
32	RED	CAN-CABLE 2-2	0.75 mm²	CABLE	S1100 (2)
33	BLK	CAN-CABLE 2-2	0.75 mm²	CABLE	S1099 (2)
34	SHLD	1-6 CAN CABLE S	0.75 mm²	SHLD	X32 (34)
35	GRN	047-1	1 mm²	FLRYW	X32 (35)
36	GRY	048-16	1 mm²	FLRYW	X32 (36)
37	GRY	048-10	2 mm²	FLRYW	X32 (37)



TO RIDE & FLOAT CONTROLLER

CO03-J1					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	YEL	063-11-1	0.5 mm²	FLRY-B	X56 (6)
2	BLK	000-19-4	0.5 mm²	FLRY-B	S377 (2)
3	LGR	049-1	0.5 mm²	FLRY-B	X56 (4)
4					
5					
6					
7	GRN	076-1	0.5 mm²	FLRY-B	X55 (1)
8	GRN	076-2	0.5 mm²	FLRY-B	X55 (2)
9	GRN	076-3	0.5 mm²	FLRY-B	X55 (3)
10					
11	LGR	047-1	0.5 mm²	FLRY-B	X56 (1)
12					

TO RIDE & FLOAT CONTROLLER

CO03-J2					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1					
2					
3					
4					
5					
6					
7					
8					
9	RED	CAN-CABLE 2	0.75 mm²	CABLE	S1100 (1)
10	BLK	CAN-CABLE 2	0.75 mm²	CABLE	S1099 (1)
11	WHT	TWISTED PAIR 1	0.5 mm²	FLRY-B	X56 (2)
12	BLK	TWISTED PAIR 1	0.5 mm²	FLRY-B	X56 (3)

TO CHASSIS HARNESS

X55					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	GRN	076-1	0.5 mm²	FLRY-B	CO03-J1 (7)
2	GRN	076-2	0.5 mm²	FLRY-B	CO03-J1 (8)
3	GRN	076-3	0.5 mm²	FLRY-B	CO03-J1 (9)
4	BLK	000-19-8	1.5 mm²	FLRY-B	S377 (2)

TO CAB SIDE HARNESS

X56					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	LGR	047-1	0.5 mm²	FLRY-B	CO03-J1 (11)
2	WHT	TWISTED PAIR 1	0.5 mm²	FLRY-B	CO03-J2 (11)
3	BLK	TWISTED PAIR 1	0.5 mm²	FLRY-B	CO03-J2 (12)
4	LGR	049-1	0.5 mm²	FLRY-B	CO03-J1 (3)
5	BLK	000-19-4	1.5 mm²	FLRY-B	S377 (1)
6	YEL	063-11-1	0.5 mm²	FLRY-B	CO03-J1 (1)
7					
8					

ART_1001143047-B

FIGURE 10-19. RIDE AND FLOAT CONTROLLER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143047	1	RIDE AND FLOAT CONTROLLER HARNESS, (includes all items)	B
1	1001116808	1	PLUG CONNECTOR, (includes rear seal)	
1	4460909	1	HOUSING	
1	4460915	1	WEDGE LOCK	
1	4460928	7	TERMINAL	
1	4460518	5	PLUG	
2	4460884	1	PLUG CONNECTOR, (includes rear seal)	
2	80604021	1	WEDGE LOCK	
2	4460465	4	TERMINAL	
3	1001116978	1	CONNECTOR PLUG	
3	1001118381	35	TERMINAL	
3	1001118391	3	PLUG	
4	1001116774	1	CONNECTOR PLUG, (includes rear seal)	
4	4460908	1	HOUSING	
4	4460915	1	WEDGE LOCK	
4	4460518	8	PLUG	
4	4460918	2	TERMINAL	
4	4460928	2	TERMINAL	
5	1001116976	1	CONNECTOR	
5	1001118380	35	TERMINAL	
5	1001118391	3	PLUG	
6	4460931	1	CONNECTOR, (includes rear seal)	
6	80604024	1	WEDGE LOCK	
6	4460464	6	TERMINAL	
6	4460466	2	PLUG	

FIGURE 10-20. TOW HITCH HARNESS

TO TOW HITCH VALVE

HV255-DN					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1	082-2	GRN	1.0 mm²	FLRYW	RL263 (5 (87))
2	000-34-2	BLK	1.0 mm²	FLRYW	S283 (2)

TO TOW HITCH VALVE

HV255-UP					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1	081-2	GRN	1.0 mm²	FLRYW	RL277 (5 (87))
2	000-34-1	BLK	1.0 mm²	FLRYW	S283 (2)

TO CAB HARNESS

X78					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1	081-1	GRN	1.0mm²	FLRYW	RL277 (1 (86))
2	082-1	GRN	1.0mm²	FLRYW	RL263 (1 (86))
3	063-22	YEL	1.0mm²	FLRYW	S278 (1)
4	000-34	BLK	1.0mm²	FLRYW	S283 (1)

TO RELAY

RL263					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1 (86)	082-1	GRN	1.0 mm²	FLRYW	X78 (2)
2 (85)	000-34-3	BLK	1.0 mm²	FLRYW	S283 (2)
3 (30)	063-22-2	YEL	1.0 mm²	FLRYW	S278 (2)
4 N/C					
5 (87)	082-2	GRN	1.0 mm²	FLRYW	HV255-DN (1)

TO RELAY

RL277					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1 (86)	081-1	GRN	1.0 mm²	FLRYW	X78 (1)
2 (85)	000-34-4	BLK	1.0 mm²	FLRYW	S283 (2)
3 (30)	063-22-1	YEL	1.0 mm²	FLRYW	S278 (2)
4 N/C					
5 (87)	081-2	GRN	1.0 mm²	FLRYW	HV255-UP (1)

PZ7720

FIGURE 10-20. TOW HITCH HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001094593	1	TOW HITCH HARNESS, (includes all items)	A
1	4460884	1	PLUG CONNECTOR, (includes rear seal)	
1	80604021	1	SECONDARY WEDGE LOCK	
1	4460465	4	TERMINAL	
2	4460891	2	PLUG CONNECTOR, (includes rear seal)	
2	80604018	1	SECONDARY WEDGE LOCK	
2	4460465	2	TERMINAL	
3	1001117025	2	CONNECTOR	
3	1001116733	3	TERMINAL	
3	3740080	1	RELAY	

FIGURE 10-21. TRAILER BRAKE CAB HARNESS, ITALIAN

TO TRAILER BRAKE LAMP

LB50_1					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	BLU	047-21	1 mm²	FLRY-B	X120A (2)

TO TRAILER BRAKE LAMP

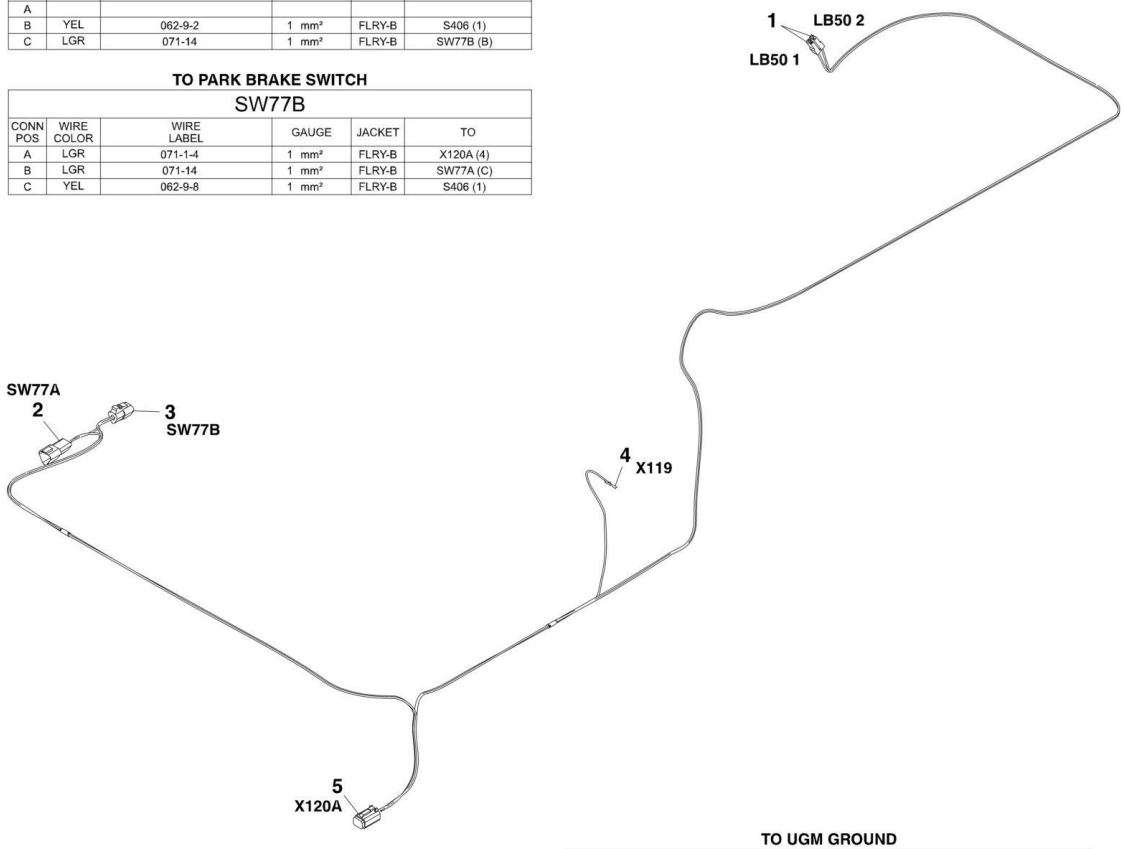
LB50_2					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
2	BLK	000-58-1	1 mm²	FLRY-B	S405 (1)

TO CAB HARNESS

SW77A					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
A					
B	YEL	062-9-2	1 mm²	FLRY-B	S406 (1)
C	LGR	071-14	1 mm²	FLRY-B	SW77B (B)

TO PARK BRAKE SWITCH

SW77B					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
A	LGR	071-1-4	1 mm²	FLRY-B	X120A (4)
B	LGR	071-14	1 mm²	FLRY-B	SW77A (C)
C	YEL	062-9-8	1 mm²	FLRY-B	S406 (1)



TO UGM GROUND

X119					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
J2-28	BLK	000-58	1 mm²	FLRY-B	S405 (1)

TO TRAILER BRAKE CHASSIS HARNESS

X120A					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	YEL	062-9-9	1 mm²	FLRY-B	S406 (2)
2	BLU	047-21	1 mm²	FLRY-B	LB50_1 (1)
3	BLK	000-58-2	1 mm²	FLRY-B	S405 (2)
4	LGR	071-1-4	1 mm²	FLRY-B	SW77B (A)

PZ7780

FIGURE 10-21. TRAILER BRAKE CAB HARNESS, ITALIAN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001117921	1	TRAILER BRAKE CAB HARNESS	C
1	1001116995	2	FASTON HOUSING	
1	1001118379	1	TERMINAL	
2	4460536	1	3 PIN MALE TERMINAL, (includes rear seal)	
2	80604019	1	SECONDARY WEDGE LOCK	
2	4460466	1	PLUG	
2	4460464	2	TERMINAL	
3	4460539	1	3 PIN CONNECTOR, (includes rear seal)	
3	80604019	1	SECONDARY WEDGE LOCK	
3	4460465	3	TERMINAL	
4	4460871	1	TERMINAL	
5	4460884	1	PLUG CONNECTOR, (includes rear seal)	
5	80604021	1	SECONDARY WEDGE LOCK	
5	4460465	4	TERMINAL	

FIGURE 10-22. TRAILER BRAKE CHASSIS HARNESS, ITALIAN

TO TRAILER BRAKE PRESSURE SWITCH

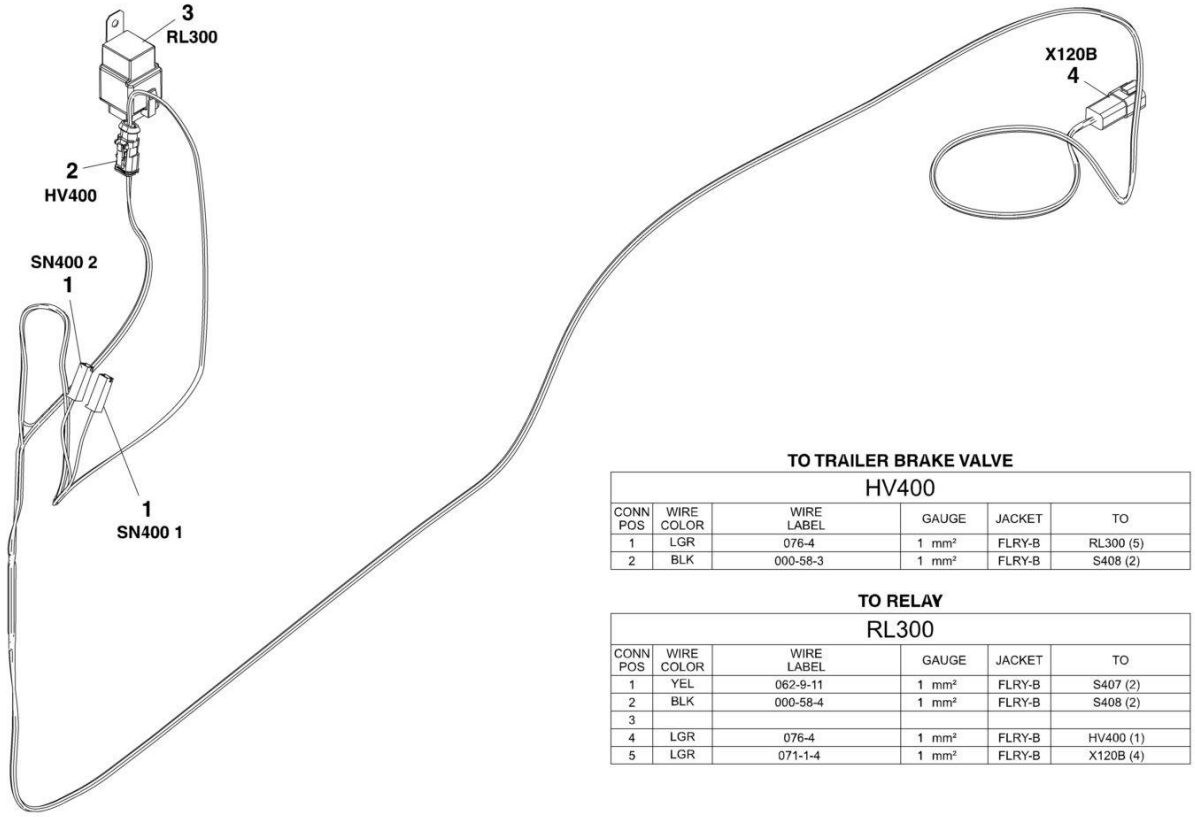
SN400-1					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	YEL	062-9-10	1 mm²	FLRY-B	S407 (2)

TO TRAILER BRAKE PRESSURE SWITCH

SN400-2					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	BLU	047-21	1 mm²	FLRY-B	X120B (2)

TO TRAILER BRAKE CAB HARNESS

X120B					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	YEL	062-9-9	1 mm²	FLRY-B	S407 (1)
2	BLU	047-21	1 mm²	FLRY-B	SN400-2 (1)
3	BLK	000-58-2	1 mm²	FLRY-B	S408 (1)
4	LGR	071-1-4	1 mm²	FLRY-B	RL300 (5)



TO TRAILER BRAKE VALVE

HV400					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	LGR	076-4	1 mm²	FLRY-B	RL300 (5)
2	BLK	000-58-3	1 mm²	FLRY-B	S408 (2)

TO RELAY

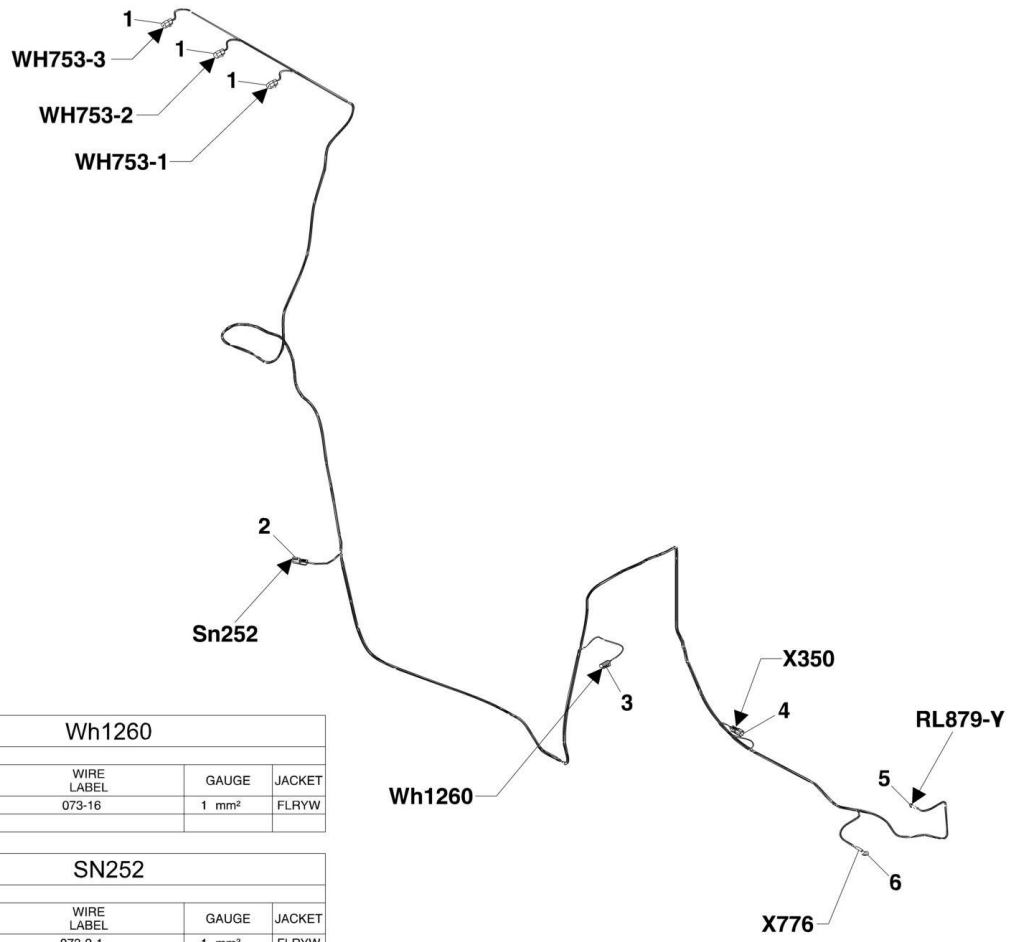
RL300					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	YEL	062-9-11	1 mm²	FLRY-B	S407 (2)
2	BLK	000-58-4	1 mm²	FLRY-B	S408 (2)
3					
4	LGR	076-4	1 mm²	FLRY-B	HV400 (1)
5	LGR	071-1-4	1 mm²	FLRY-B	X120B (4)

ART_1001117922-D

FIGURE 10-22. TRAILER BRAKE CHASSIS HARNESS, ITALIAN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001117922	1	TRAILER BRAKE CHASSIS HARNESS, (Italian), (includes all items)	D
1	4460260	2	TERMINAL HOUSING	
1	4460259	1	TERMINAL	
2	1001148635	1	2 POSITION PLUG TERMINAL, (includes rear seal)	
2	80604018	1	WEGE LOCK	
2	4460942	2	TERMINAL	
3	1001118282	1	METRI-PACK CONNECTOR	
3	1001116733	4	TERMINAL	
4	4460932	1	CONNECTOR, (includes rear seal)	
4	80604020	1	WEDGE LOCK	
4	4460464	4	TERMINAL	

FIGURE 10-23. A/C HARNESS



Wh1260				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BRN	073-16	1 mm²	FLRYW
2				

SN252				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BRN	073-9-1	1 mm²	FLRYW
2	BRN	073-16	1 mm²	FLRYW

RL879-Y				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BRN	083-1	1 mm²	FLRYW
1	BRN	083-2	1 mm²	FLRYW
1	BRN	083-3	1 mm²	FLRYW

X766				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLK	000-65	1 mm²	FLRYW
1	BLK	000-66	1 mm²	FLRYW
1	BLK	000-67	1 mm²	FLRYW

X350				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BRN	073-9-1	1 mm²	FLRYW
2	BLK	000-73	1 mm²	FLRYW

WH753-1				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
A	BRN	083-3	1 mm²	FLRYW
B	BLK	000-67	1 mm²	FLRYW
C				

WH753-2				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
A	BRN	083-2	1 mm²	FLRYW
B	BLK	000-66	1 mm²	FLRYW
C				

WH753-3				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
A	BRN	083-1	1 mm²	FLRYW
B	BLK	000-65	1 mm²	FLRYW
C				

PZ8250

FIGURE 10-23. A/C HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139621	1	A/C HARNESS, (includes all items)	D
1	4460539	3	CONNECTOR	
1	77363244	3	WEDGELOCK	
1	4460465	2	TERMINAL	
1	4460466	1	PLUG	
2	4460897	1	CONNECTOR	
2	80604017	1	WEDGE LOCK	
2	4460464	2	TERMINAL	
3	4460891	1	CONNECTOR	
3	80604018	1	WEDGE LOCK	
3	4460465	2	TERMINAL	
4	4460897	1	CONNECTOR	
4	80604017	1	WEDGE LOCK	
4	4460464	1	TERMINAL	
4	4460466	1	PLUG	
5	4460312	1	CONNECTOR	
5	N.S.S.	3	TERMINAL	
6	1001117110	1	CONNECTOR	
6	N.S.S.	3	TERMINAL	

FIGURE 10-24. BOOM EXTENSION HARNESS (4017PS)

4017PS

X308				
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	063-25-3	YEL	1.0 mm²	FLRY-B
2	000-44-5	YEL	1.0 mm²	FLRY-B
3	049-11	YEL	1.0 mm²	FLRY-B
4	062-12-7	YEL	1.0 mm²	FLRY-B
5	058-6-5	BLK	1.0 mm²	FLRY-B
6	049-14	WHT	1.0 mm²	FLRY-B

SN400				
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	063-25-3	YEL	1.0 mm²	FLRY-B
2	000-44-5	YEL	1.0 mm²	FLRY-B
3	049-11	YEL	1.0 mm²	FLRY-B

SN392				
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	062-12-7	YEL	1.0 mm²	FLRY-B
2	058-6-5	BLK	1.0 mm²	FLRY-B
3	049-14	WHT	1.0 mm²	FLRY-B

FIGURE 10-24. BOOM EXTENSION HARNESS (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001116133		BOOM EXTENSION HARNESS	C
1	4460899	1	CONNECTOR	
1	4460464	3	TERMINAL	
1	4460466	3	PLUG	
2	4461262	2	CONNECTOR	
2	1001116697	3	TERMINAL	
2	1001104498	3	SEAL	

FIGURE 10-25. HEADLIGHT EXTENSION HARNESS

X219				
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	000-X-1	BLK	1.5 mm²	FLRYW
2	071-X-1	BLU	1.0 mm²	FLRYW
3	071-X-2	BLU	1.0 mm²	FLRYW
4	071-X-3-1	BLU	1.0 mm²	FLRYW
5	071-X-4-1	BLU	1.0 mm²	FLRYW
6				

LB23X-1				
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
A	071-X-4-2	BLU	1.0 mm²	FLRYW
B	071-X-3-2	BLU	1.0 mm²	FLRYW
C	000-X-2	BLK	1.0 mm²	FLRYW

LB23X				
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE
1	000-X	BLK	1.5mm²	FLRYW
2	071-X-1	BLU	1.0mm²	FLRYW
3	071-X-2	BLU	1.0mm²	FLRYW
4	071-X-3	BLU	1.0mm²	FLRYW
5	071-X-4	BLU	1.0mm²	FLRYW
6				

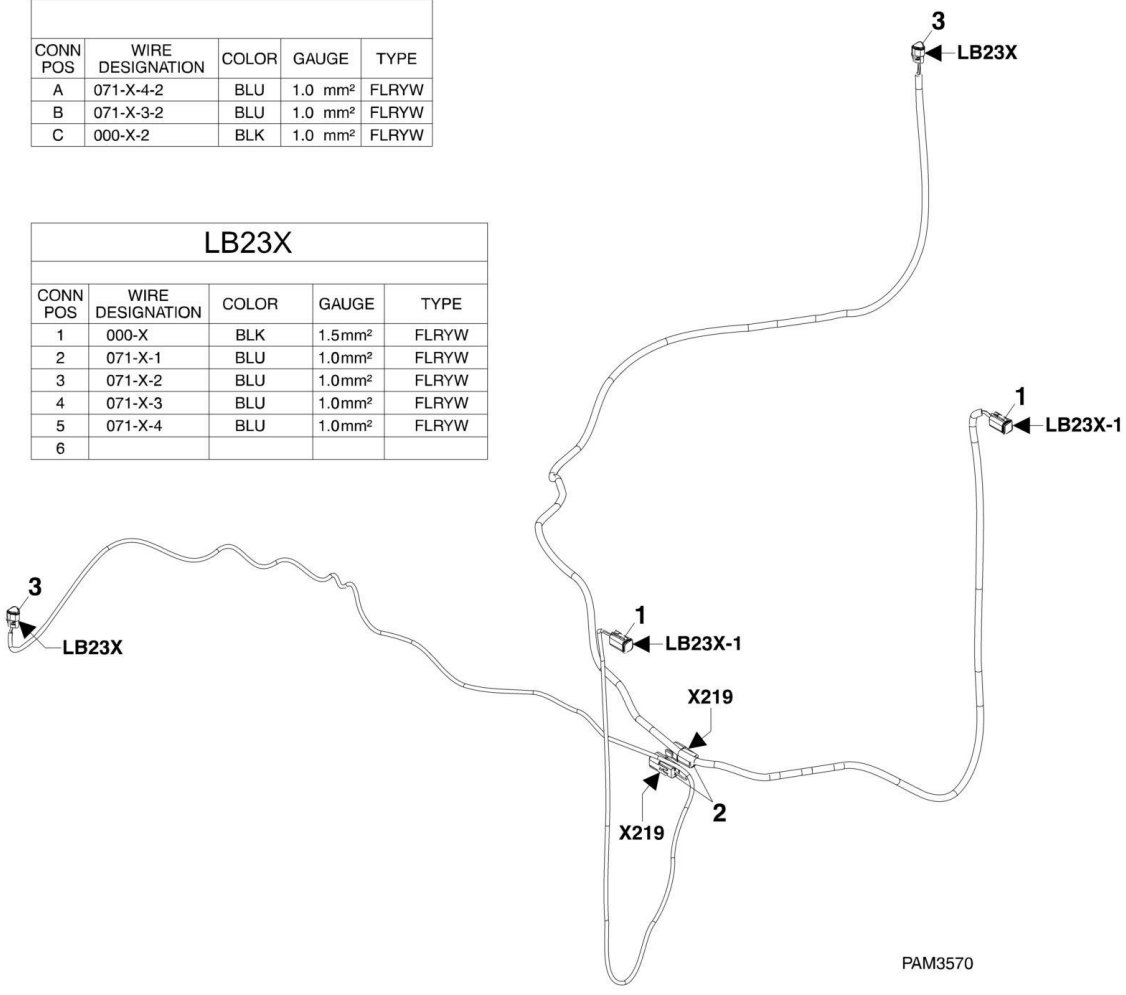
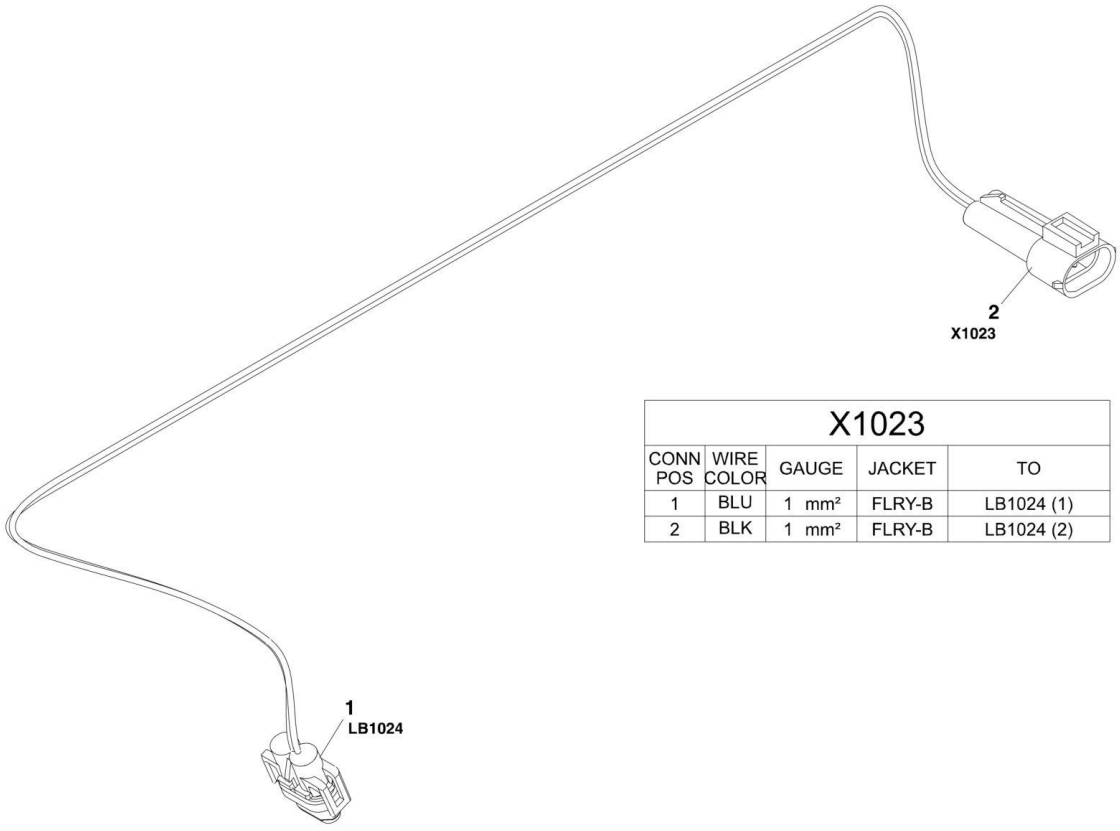


FIGURE 10-25. HEADLIGHT EXTENSION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101229	2	HEADLIGHT EXTENSION HARNESS, (includes all items)	E
1	4460539	1	CONNECTOR	
1	77363244	1	WEDGE LOCK	
1	4460465	3	TERMINAL	
2	4460899	1	CONNECTOR	
2	80604022	1	WEDGE LOCK	
2	4460464	5	TERMINAL	
2	4460466	1	PLUG	
3	4460894	1	CONNECTOR	
3	80604023	1	WEDGE LOCK	
3	4460465	5	TERMINAL	
3	4460466	1	PLUG	

FIGURE 10-26. LIGHT EXTENSION HARNESS



X1023				
CONN POS	WIRE COLOR	GAUGE	JACKET	TO
1	BLU	1 mm²	FLRY-B	LB1024 (1)
2	BLK	1 mm²	FLRY-B	LB1024 (2)

LB1024				
CONN POS	WIRE COLOR	GAUGE	JACKET	TO
1	BLU	1 mm²	FLRY-B	X1023 (1)
2	BLK	1 mm²	FLRY-B	X1023 (2)

PZ8960

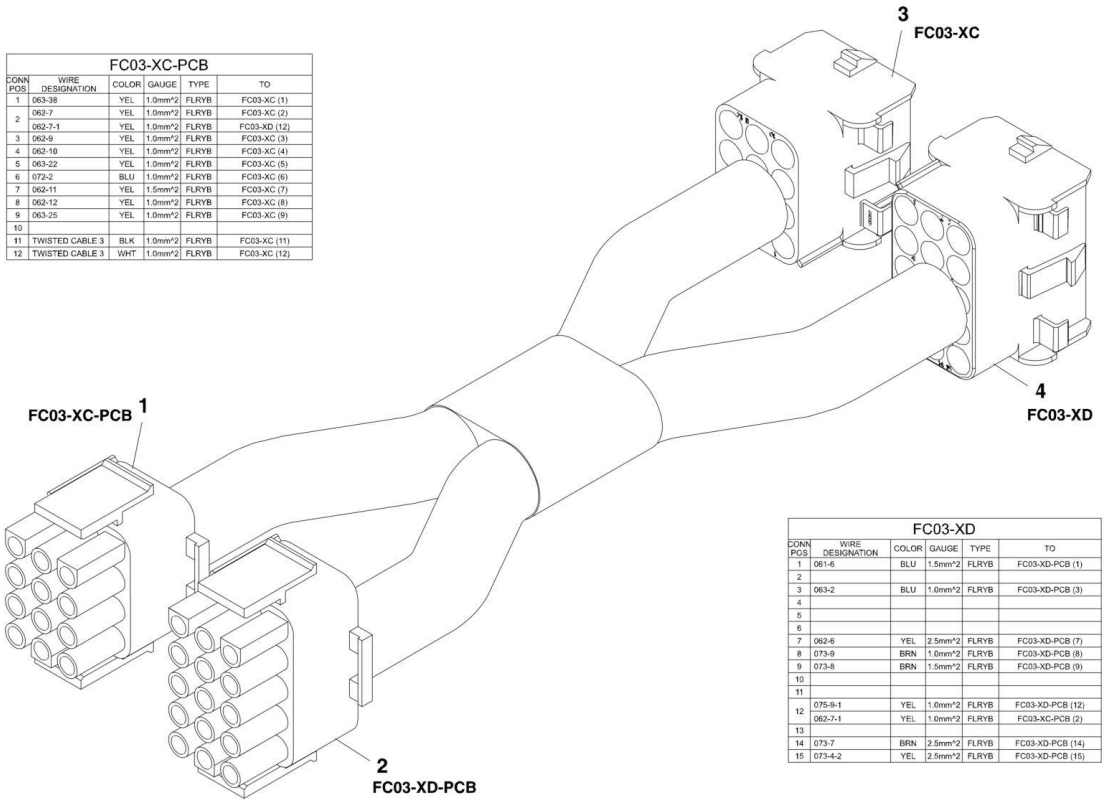
FIGURE 10-26. LIGHT EXTENSION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133224	2	LIGHT EXTENSION HARNESS, (if equipped), (includes all items)	A
1	4461115	1	CONNECTOR	
1	1001116728	2	TERMINAL	
1	4460458	2	SEAL	
2	1001133213	1	CONNECTOR	
2	1001116745	2	TERMINAL	
2	4460458	2	SEAL	

FIGURE 10-27. WORKLIGHT HARNESS

FC03-XC					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1	063-38	YEL	1.0mm^2	FLRYB	FC03-XC-PCB (1)
2	062-7	YEL	1.0mm^2	FLRYB	FC03-XC-PCB (2)
3	062-9	YEL	1.0mm^2	FLRYB	FC03-XC-PCB (3)
4	062-10	YEL	1.0mm^2	FLRYB	FC03-XC-PCB (4)
5	063-22	YEL	1.0mm^2	FLRYB	FC03-XC-PCB (5)
6	072-2	BLU	1.0mm^2	FLRYB	FC03-XC-PCB(6)
7	062-11	YEL	1.5mm^2	FLRYB	FC03-XC-PCB (7)
8	062-12	YEL	1.0mm^2	FLRYB	FC03-XC-PCB (8)
9	063-25	YEL	1.0mm^2	FLRYB	FC03-XC-PCB (9)
10					
11	TWISTED CABLE 3	BLK	1.0mm^2	FLRYB	FC03-XC-PCB (11)
12	TWISTED CABLE 3	WHT	1.0mm^2	FLRYB	FC03-XC-PCB (12)

FC03-XC-PCB					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1	063-38	YEL	1.0mm^2	FLRYB	FC03-XC (1)
2	062-7	YEL	1.0mm^2	FLRYB	FC03-XC (2)
	062-7-1	YEL	1.0mm^2	FLRYB	FC03-XD (12)
3	062-9	YEL	1.0mm^2	FLRYB	FC03-XC (3)
4	062-10	YEL	1.0mm^2	FLRYB	FC03-XC (4)
5	063-22	YEL	1.0mm^2	FLRYB	FC03-XC (5)
6	072-2	BLU	1.0mm^2	FLRYB	FC03-XC (6)
7	062-11	YEL	1.5mm^2	FLRYB	FC03-XC (7)
8	062-12	YEL	1.0mm^2	FLRYB	FC03-XC (8)
9	063-25	YEL	1.0mm^2	FLRYB	FC03-XC (9)
10					
11	TWISTED CABLE 3	BLK	1.0mm^2	FLRYB	FC03-XC (11)
12	TWISTED CABLE 3	WHT	1.0mm^2	FLRYB	FC03-XC (12)



FC03-XD					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1	061-6	BLU	1.5mm^2	FLRYB	FC03-XD-PCB (1)
2					
3	063-2	BLU	1.0mm^2	FLRYB	FC03-XD-PCB (3)
4					
5					
6					
7	062-6	YEL	2.5mm^2	FLRYB	FC03-XD-PCB (7)
8	073-9	BRN	1.0mm^2	FLRYB	FC03-XD-PCB (8)
9	073-8	BRN	1.5mm^2	FLRYB	FC03-XD-PCB (9)
10					
11					
12	075-9-1	YEL	1.0mm^2	FLRYB	FC03-XD-PCB (12)
	062-7-1	YEL	1.0mm^2	FLRYB	FC03-XC-PCB (2)
13					
14	073-7	BRN	2.5mm^2	FLRYB	FC03-XD-PCB (14)
15	073-4-2	YEL	2.5mm^2	FLRYB	FC03-XD-PCB (15)

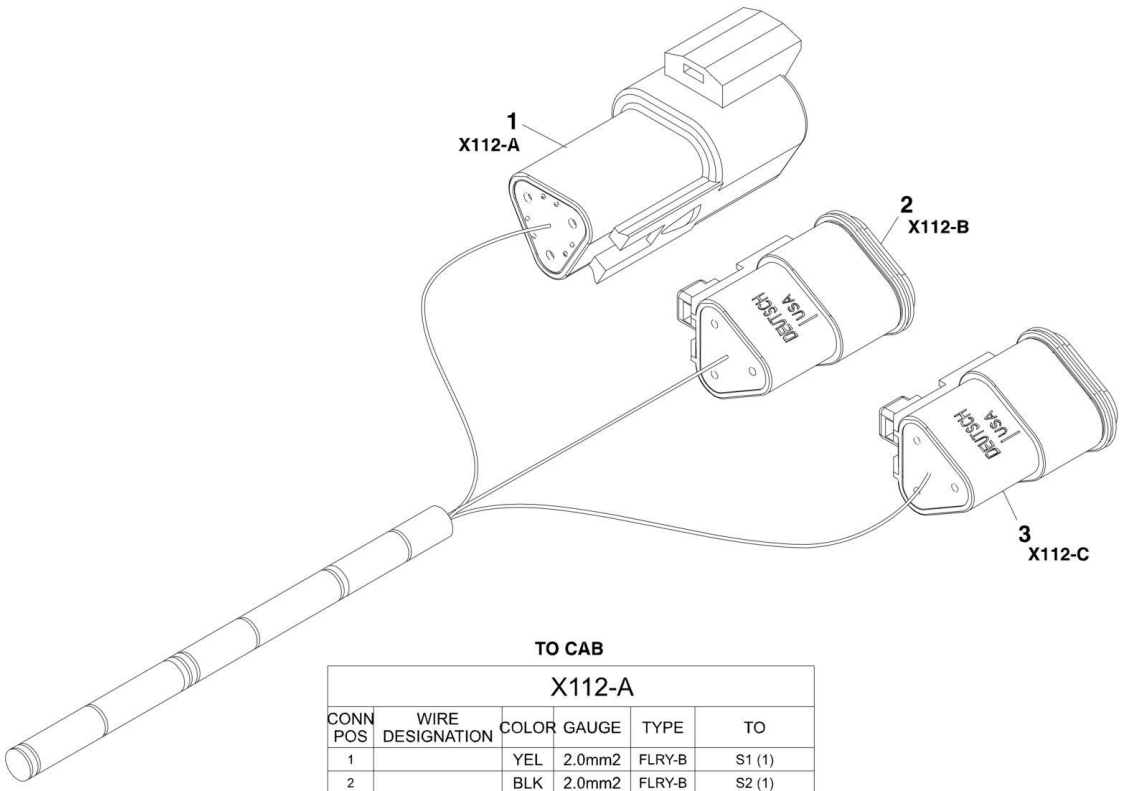
FC03-XD-PCB					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1	061-6	BLU	1.5mm^2	FLRYB	FC03-XD (1)
2					
3	063-2	BLU	1.0mm^2	FLRYB	FC03-XD (3)
4					
5					
6					
7	062-6	YEL	2.5mm^2	FLRYB	FC03-XD (7)
8	073-9	BRN	1.0mm^2	FLRYB	FC03-XD (8)
9	073-8	BRN	1.5mm^2	FLRYB	FC03-XD (9)
10					
11					
12	075-9-1	BLU	1.5mm^2	FLRYB	FC03-XD (12)
13					
14	073-7	BRN	2.5mm^2	FLRYB	FC03-XD (14)
15	073-4-2	YEL	2.5mm^2	FLRYB	FC03-XD (15)

PZ8970

FIGURE 10-27. WORKLIGHT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139817	1	WORKLIGHT HARNESS, (includes all items)	A
1	4460343	1	CONNECTOR	
1	4460268	11	TERMINAL	
2	4460268	1	CONNECTOR	
2	4460268	8	TERMINAL	
3	4460367	1	CONNECTOR	
3	4460267	11	TERMINAL	
4	4460267	1	CONNECTOR	
4	4460267	8	TERMINAL	

FIGURE 10-28. CAB AUXILIARY POWER HARNESS



TO CAB

X112-A					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1		YEL	2.0mm2	FLRY-B	S1 (1)
2		BLK	2.0mm2	FLRY-B	S2 (1)
3		BLU	1.0mm2	FLRY-B	S3 (1)

TO REV FAN

X112-B					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1		YEL	2.0mm2	FLRY-B	S1 (1)
2		BLK	2.0mm2	FLRY-B	S2 (1)
3		BLU	1.0mm2	FLRY-B	S3 (1)

TO RIDE/FLOAT

X112-C					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
1		YEL	2.0mm2	FLRY-B	S1 (1)
2		BLK	2.0mm2	FLRY-B	S2 (1)
3		BLU	1.0mm2	FLRY-B	S3 (1)

PZ9000

FIGURE 10-28. CAB AUXILIARY POWER HARNESS

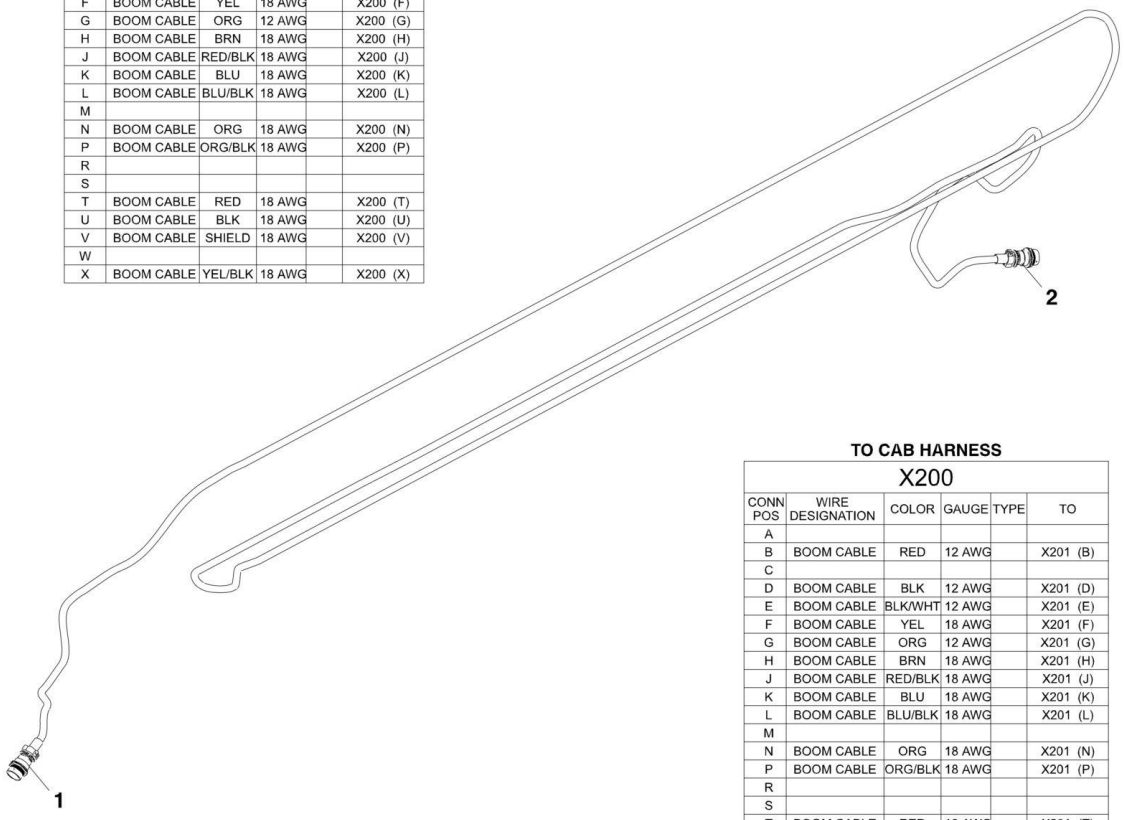
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001109784	1	CAB AUXILIARY POWER HARNESS, (includes all items)	A
1	4460536	1	CONNECTOR	
1	80604019	1	SECONDARY LOCK WEDGE	
1	4460941	2	TERMINAL	
1	4460464	1	TERMINAL	
2	4460539	1	CONNECTOR	
2	77363244	1	SECONDARY LOCK WEDGE	
2	4460942	2	TERMINAL	
2	4460465	1	TERMINAL	
3	4460536	1	CONNECTOR	
3	80604019	1	SECONDARY LOCK WEDGE	
3	4460942	2	TERMINAL	
3	4460465	1	TERMINAL	

FIGURE 10-29. PLATFORM BOOM HARNESS (4014PS)

4014PS

TO BOOM HEAD

X201					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
A					
B	BOOM CABLE	RED	12 AWG		X200 (B)
C					
D	BOOM CABLE	BLK	12 AWG		X200 (D)
E	BOOM CABLE	BLK/WHT	12 AWG		X200 (E)
F	BOOM CABLE	YEL	18 AWG		X200 (F)
G	BOOM CABLE	ORG	12 AWG		X200 (G)
H	BOOM CABLE	BRN	18 AWG		X200 (H)
J	BOOM CABLE	RED/BLK	18 AWG		X200 (J)
K	BOOM CABLE	BLU	18 AWG		X200 (K)
L	BOOM CABLE	BLU/BLK	18 AWG		X200 (L)
M					
N	BOOM CABLE	ORG	18 AWG		X200 (N)
P	BOOM CABLE	ORG/BLK	18 AWG		X200 (P)
R					
S					
T	BOOM CABLE	RED	18 AWG		X200 (T)
U	BOOM CABLE	BLK	18 AWG		X200 (U)
V	BOOM CABLE	SHIELD	18 AWG		X200 (V)
W					
X	BOOM CABLE	YEL/BLK	18 AWG		X200 (X)



TO CAB HARNESS

X200					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
A					
B	BOOM CABLE	RED	12 AWG		X201 (B)
C					
D	BOOM CABLE	BLK	12 AWG		X201 (D)
E	BOOM CABLE	BLK/WHT	12 AWG		X201 (E)
F	BOOM CABLE	YEL	18 AWG		X201 (F)
G	BOOM CABLE	ORG	12 AWG		X201 (G)
H	BOOM CABLE	BRN	18 AWG		X201 (H)
J	BOOM CABLE	RED/BLK	18 AWG		X201 (J)
K	BOOM CABLE	BLU	18 AWG		X201 (K)
L	BOOM CABLE	BLU/BLK	18 AWG		X201 (L)
M					
N	BOOM CABLE	ORG	18 AWG		X201 (N)
P	BOOM CABLE	ORG/BLK	18 AWG		X201 (P)
R					
S					
T	BOOM CABLE	RED	18 AWG		X201 (T)
U	BOOM CABLE	BLK	18 AWG		X201 (U)
V	BOOM CABLE	SHIELD	18 AWG		X201 (V)
W					
X	BOOM CABLE	YEL/BLK	18 AWG		X201 (X)

PZ9030

FIGURE 10-29. PLATFORM BOOM HARNESS (4014PS)

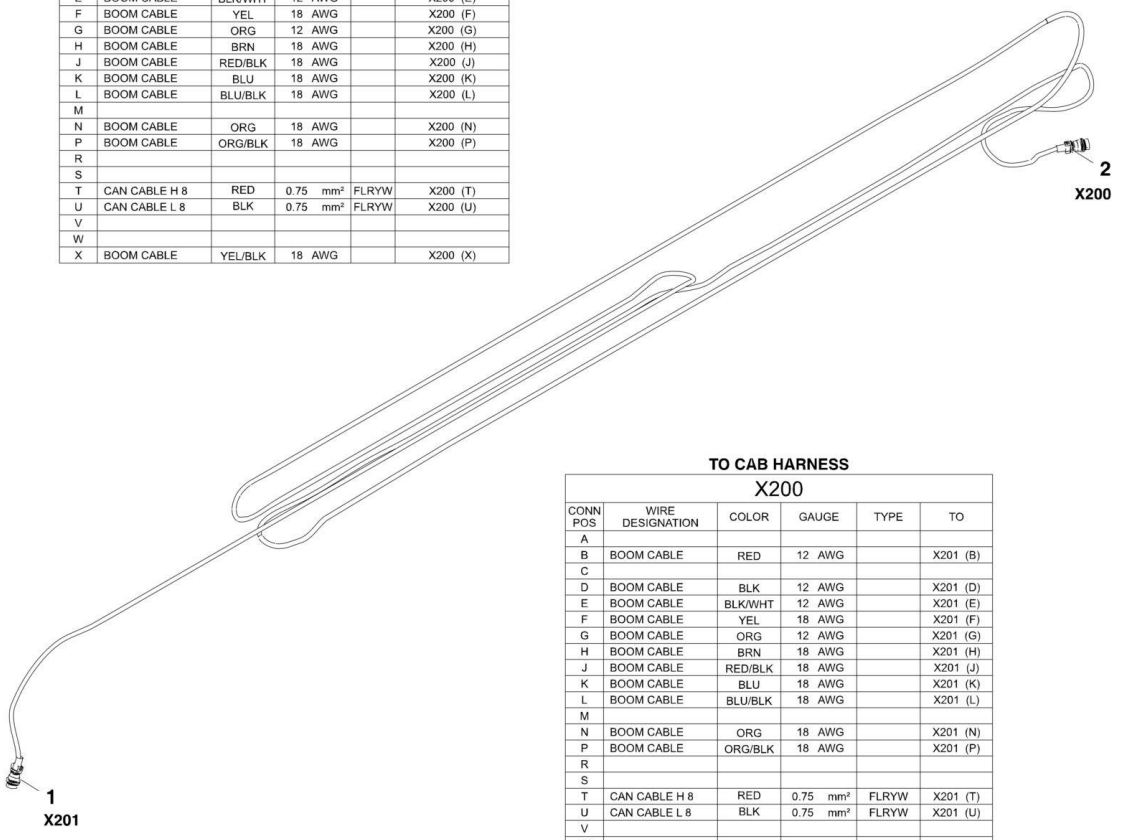
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001092223	1	PLATFORM BOOM HARNESS, (includes all items)	F
1	1001118281	1	CONNECTOR	
1	1321647	1	CABLE CLAMP	
1	4460466	6	PLUG	
1	4460509	4	TERMINAL	
1	4460465	8	TERMINAL	
1	4460944	3	TERMINAL	
2	1001116930	1	CONNECTOR	
2	1321647	1	CABLE CLAMP	
2	4460466	6	PLUG	
2	4460508	4	TERMINAL	
2	4460464	8	TERMINAL	
2	4460943	3	TERMINAL	

FIGURE 10-30. PLATFORM BOOM HARNESS (4017PS)

4017PS

TO BOOM HEAD HARNESS

X201					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
A					
B	BOOM CABLE	RED	12 AWG		X200 (B)
C					
D	BOOM CABLE	BLK	12 AWG		X200 (D)
E	BOOM CABLE	BLK/WHT	12 AWG		X200 (E)
F	BOOM CABLE	YEL	18 AWG		X200 (F)
G	BOOM CABLE	ORG	12 AWG		X200 (G)
H	BOOM CABLE	BRN	18 AWG		X200 (H)
J	BOOM CABLE	RED/BLK	18 AWG		X200 (J)
K	BOOM CABLE	BLU	18 AWG		X200 (K)
L	BOOM CABLE	BLU/BLK	18 AWG		X200 (L)
M					
N	BOOM CABLE	ORG	18 AWG		X200 (N)
P	BOOM CABLE	ORG/BLK	18 AWG		X200 (P)
R					
S					
T	CAN CABLE H 8	RED	0.75 mm²	FLRYW	X200 (T)
U	CAN CABLE L 8	BLK	0.75 mm²	FLRYW	X200 (U)
V					
W					
X	BOOM CABLE	YEL/BLK	18 AWG		X200 (X)



TO CAB HARNESS

X200					
CONN POS	WIRE DESIGNATION	COLOR	GAUGE	TYPE	TO
A					
B	BOOM CABLE	RED	12 AWG		X201 (B)
C					
D	BOOM CABLE	BLK	12 AWG		X201 (D)
E	BOOM CABLE	BLK/WHT	12 AWG		X201 (E)
F	BOOM CABLE	YEL	18 AWG		X201 (F)
G	BOOM CABLE	ORG	12 AWG		X201 (G)
H	BOOM CABLE	BRN	18 AWG		X201 (H)
J	BOOM CABLE	RED/BLK	18 AWG		X201 (J)
K	BOOM CABLE	BLU	18 AWG		X201 (K)
L	BOOM CABLE	BLU/BLK	18 AWG		X201 (L)
M					
N	BOOM CABLE	ORG	18 AWG		X201 (N)
P	BOOM CABLE	ORG/BLK	18 AWG		X201 (P)
R					
S					
T	CAN CABLE H 8	RED	0.75 mm²	FLRYW	X201 (T)
U	CAN CABLE L 8	BLK	0.75 mm²	FLRYW	X201 (U)
V					
W					
X	BOOM CABLE	YEL/BLK	18 AWG		X201 (X)

PZ9020

FIGURE 10-30. PLATFORM BOOM HARNESS (4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001113275	1	PLATFORM BOOM HARNESS, (includes all items)	C
1	1001118281	1	CONNECTOR	
1	1321647	1	CABLE CLAMP	
1	4460466	6	PLUG	
1	4460509	4	TERMINAL	
1	4460465	8	TERMINAL	
1	4460944	3	TERMINAL	
2	1001116930	1	CONNECTOR	
2	132647	1	CABLE CLAMP	
2	4460466	7	PLUG	
2	4460508	4	TERMINAL	
2	4460464	8	TERMINAL	
2	4460943	2	TERMINAL	

FIGURE 10-31. DUAL SEAT SWITCH HARNESS

X08					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	YEL	050-1	1 mm²	FLRY-B	S07 (1)
2					
3	WHT	130-1	1 mm²	FLRY-B	X09 (1)
4	WHT	131-1	1 mm²	FLRY-B	X09 (3)
5					
6					

S07					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	YEL	050-1	1 mm²	FLRY-B	X08 (1)
2	YEL	050-1-1	1 mm²	FLRY-B	X09 (2)
2	YEL	050-1-2	1 mm²	FLRY-B	X09 (4)

X09					
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET	TO
1	WHT	130-1	1 mm²	FLRY-B	X08 (3)
2	YEL	050-1-1	1 mm²	FLRY-B	S07 (2)
3	WHT	131-1	1 mm²	FLRY-B	X08 (4)
4	YEL	050-1-2	1 mm²	FLRY-B	S07 (2)

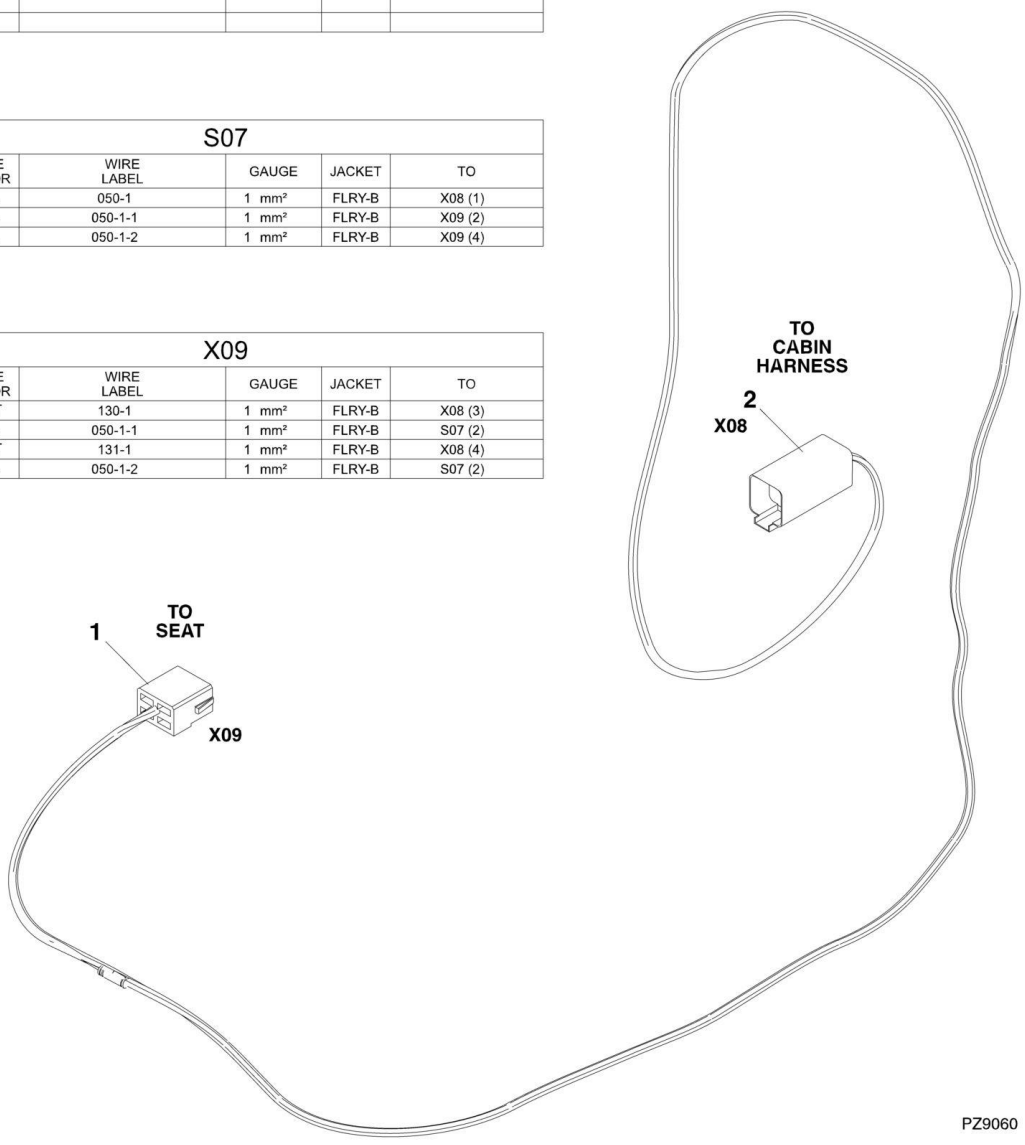


FIGURE 10-31. DUAL SEAT SWITCH HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150428	1	DUAL SEAT SWITCH HARNESS, (includes all items)	B
1	1001116986	1	CONNECTOR	
1	1001104519	4	TERMINAL	
2	4460899	1	CONNECTOR, (includes rear seal)	
2	80604022	1	SECONDARY LOCK WEDGE	
2	4460464	3	TERMINAL	
2	4460466	3	SEAL PLUG	

FIGURE 10-32. BEACON LMIS INSTALLATION (4014PS,4017PS)

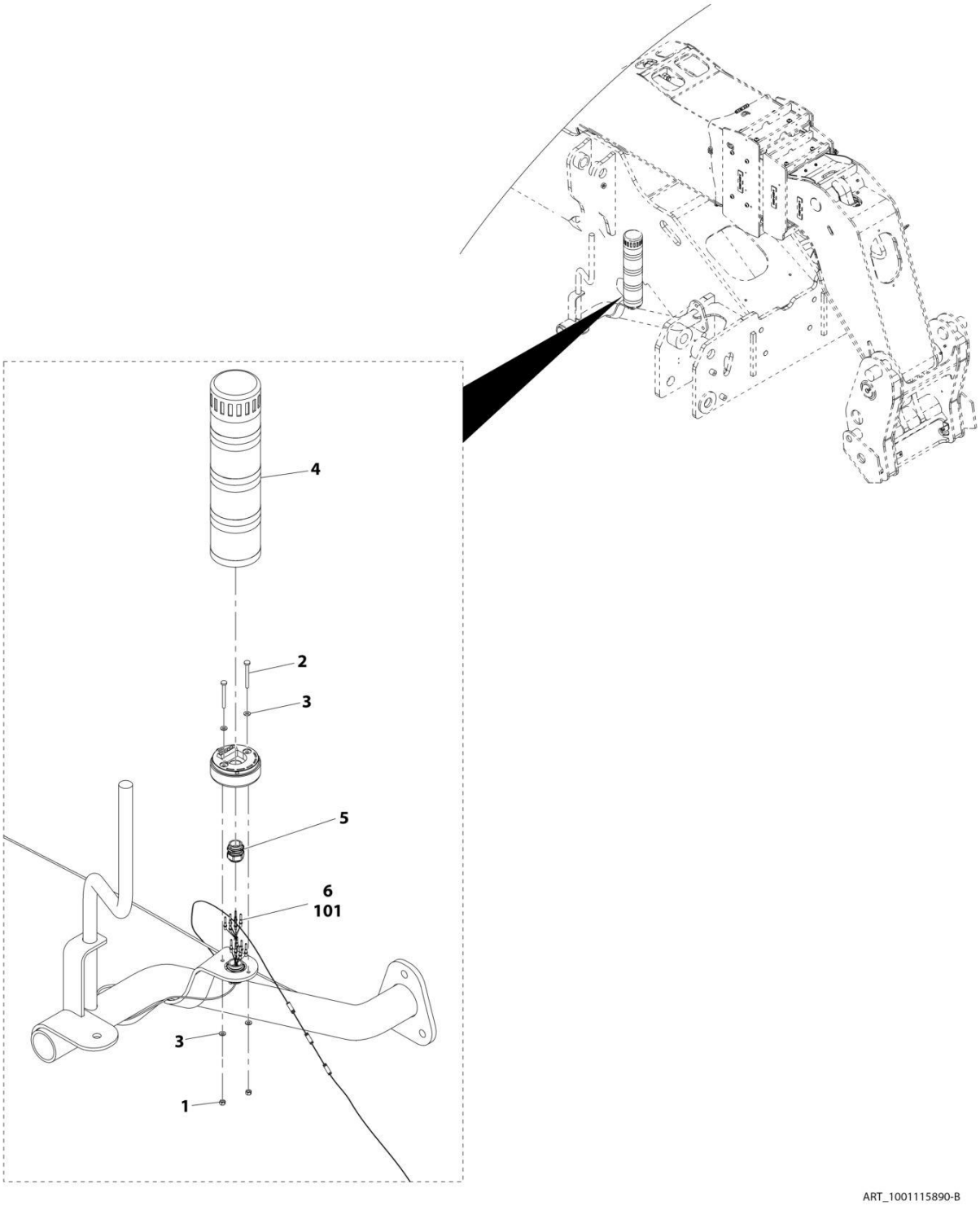


FIGURE 10-32. BEACON LMIS INSTALLATION (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001115890	Ref	BEACON LMIS INSTALLATION (if equipped)	B
1	3290405	2	HEX LOCKNUT, M4X0.7	
2	4010416	2	POZIDRIV PAN HD SCREW	
3	4811400	4	WASHER, 4mm	
4	1001108661	1	LMIS WARNING BEACON LIGHT	
5	E000269	1	CABLE GLAND M20 X 1.5	
6	1001117247	1	HARNESS	C
101	4460932	1	CONNECTOR KIT	
102	70020830	1	CONNECTOR, (not shown)	

FIGURE 10-33. LMIS INSTALLATION (4014PS,4017PS)

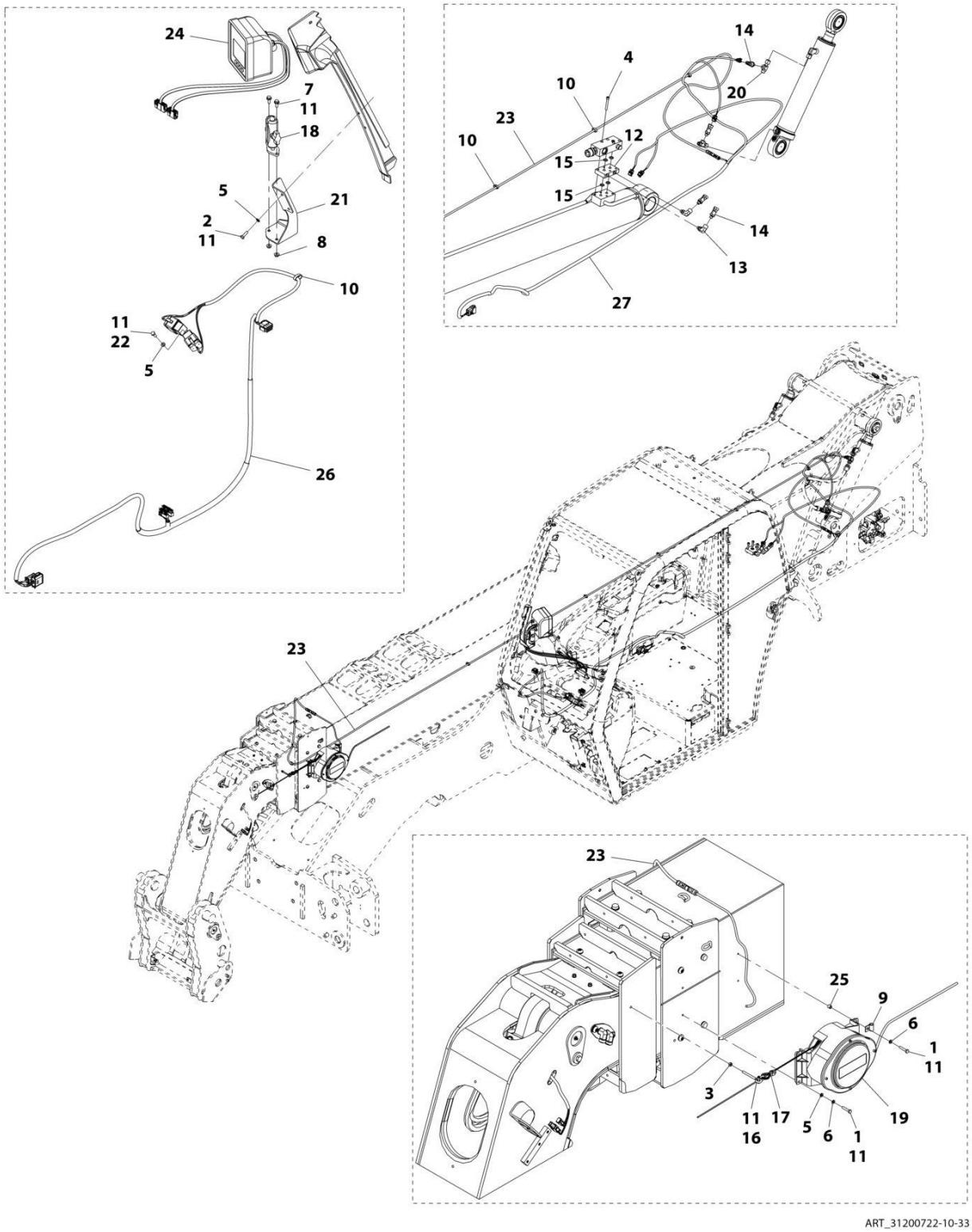


FIGURE 10-33. LMIS INSTALLATION (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156412	Ref	LMIS INSTALLATION (4014PS)	B
	1001156413	Ref	LMIS INSTALLATION (4017PS)	B
1	0700614	4	HEX HD CAPSCREW, M6X30, GR8.8 (4014PS)	
1	0700615	4	HEX HD CAPSCREW, M6X35, GR8.8 (4017PS)	
2	0760610	2	HEX HD CAPSCREW, M6X20, GR8.8	
3	3290601	1	HEX NUT, M6X1	
4	4031916	4	HEX HD CAPSCREW, M8X60	
5	4811700	6	WASHER, 6MM	
6	4831700	4	LOCK WASHER 6MM	
7	5200608	2	BOLT, M6X16 MM	
8	5220600	2	NUT, 6MM	
9	1001003044	1	CLIP	
10	1001008923	AR	STRAP	
11	1001095650	AR	LOCTITE 243	
12	1001108857	1	MANIFOLD, LMI SYSTEM	
13	1001101855	2	ADAPTER, (includes o-ring)	
14	1001101954	4	PRESSURE SENSOR	
15	1001102080	4	O-RING	
16	1001102633	1	SCREW M6X60	
17	1001104341	1	CLIP	
18	1001104344	1	SUPPORT	
19	1001106385	1	REEL	
20	1001107963	2	ADAPTER (includes o-ring)	
21	1001108785	1	PLATE	
22	0760608	1	HEX HD CAPSCREW, M6X16, GR8.8	
23	1001113625	1	LMIS REEL EXTENTION HARNESS	
24	1001104415	1	GAUGE	
25	1001115064	2	SLEEVE 6.3 ID X 8 25 (4014PS)	
25	1001103807	2	SLEEVE 6.4 ID X 12.7 (4017PS)	
26		Ref	LMIS CAB HARNESS (See LMIS CAB HARNESS for Breakdown)	
27		Ref	LMIS FRAME HARNESS (See LMIS FRAME HARNESS for Breakdown)	

FIGURE 10-34. LMIS CAB HARNESS

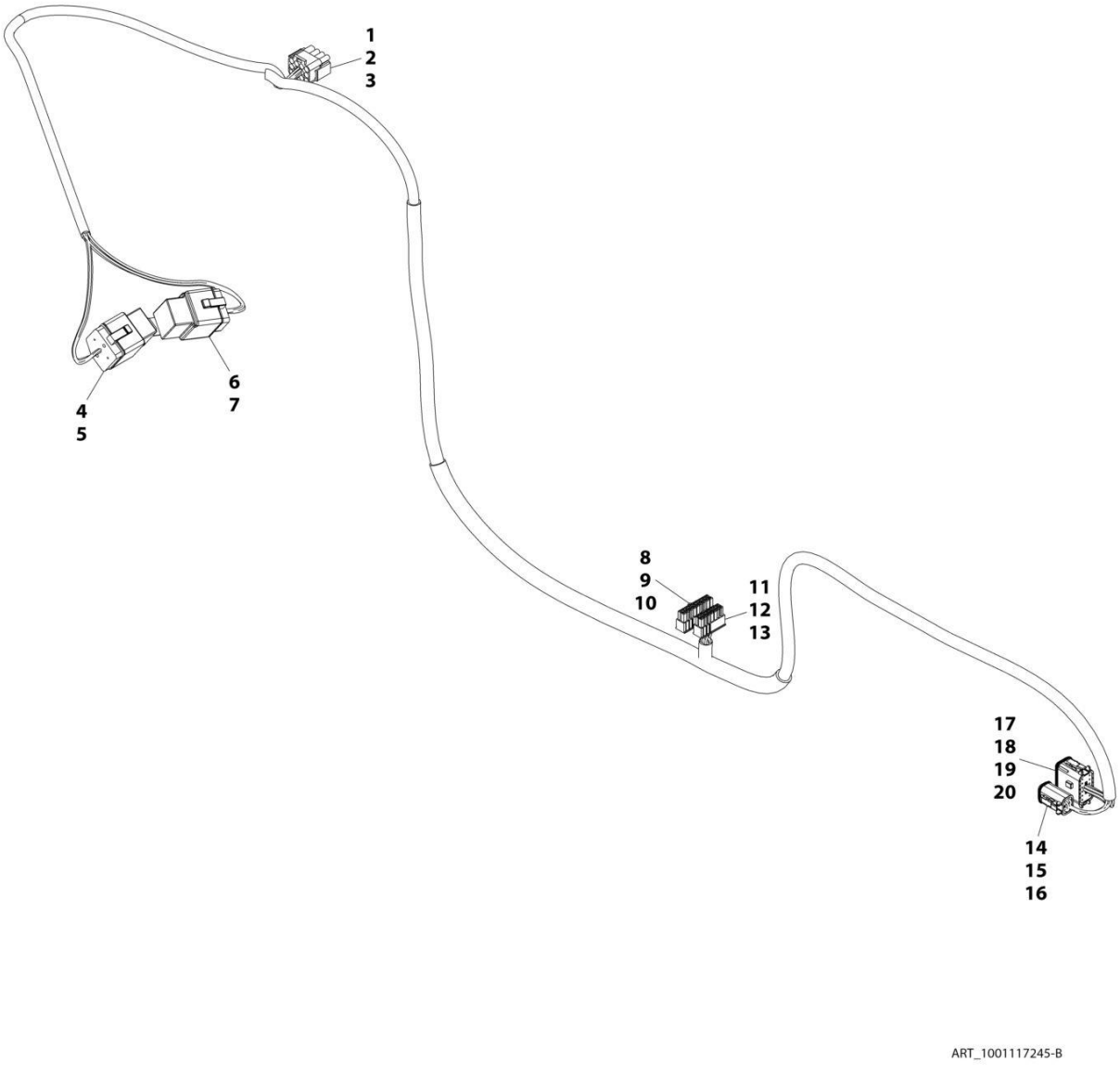


FIGURE 10-34. LMIS CAB HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001117245	Ref	LMIS CAB HARNESS	B
1	4460343	1	CONNECTOR	
2	4460268	12	TERMINAL	
3	N.S.S.	3	PLUG	
4	1001117025	1	CONNECTOR	
5	4460419	4	TERMINAL	
6	1001118282	1	CONNECTOR	
7	4460419	4	TERMINAL	
8	250216	1	CONNECTOR	
9	4460877	12	TERMINAL	
10	N.S.S.	6	PLUG	
11	4460920	1	CONNECTOR	
12	4460877	8	TERMINAL	
13	N.S.S.	9	PLUG	
14	4460884	1	CONNECTOR	
15	80604021	1	WEDGE LOCK	
16	4460268	4	TERMINAL	
17	4460933	1	CONNECTOR	
18	80604016	1	WEDGE LOCK	
19	4460465	9	TERMINAL	
20	4460466	3	PLUG	

FIGURE 10-35. LMIS FRAME HARNESS

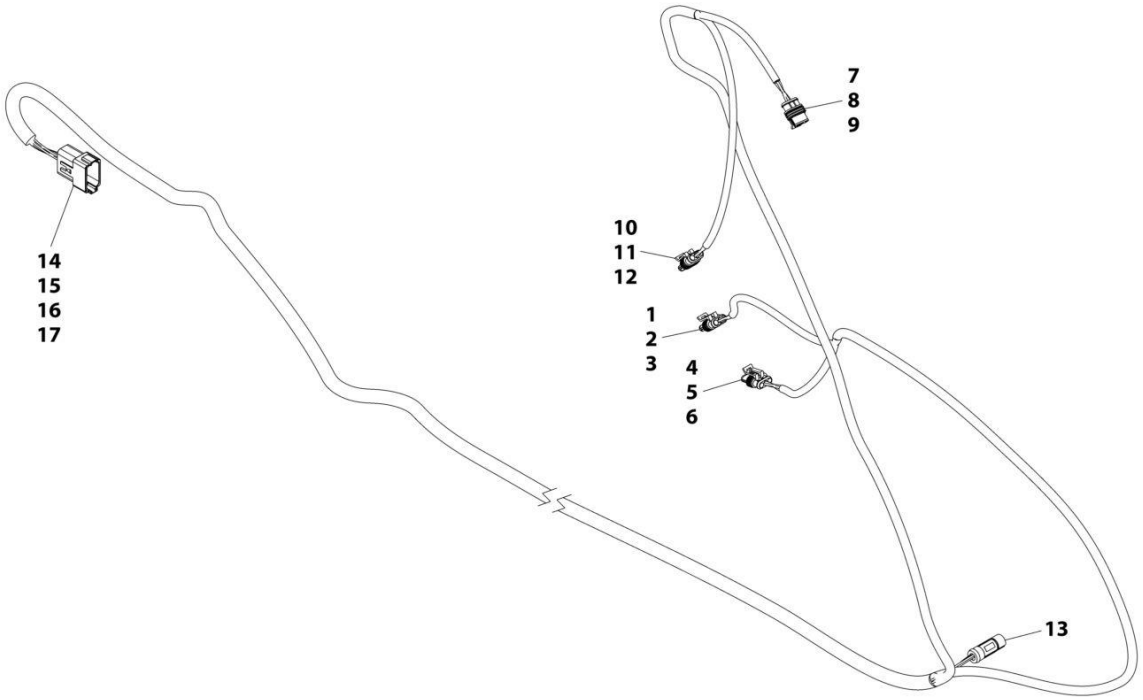


FIGURE 10-35. LMIS FRAME HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001117246	Ref	LMIS FRAME HARNESS	B
1	4461262	1	CONNECTOR	
2	1001116697	3	TERMINAL	
3	1001104498	3	SEAL	
4	4461262	1	CONNECTOR	
5	1001116697	3	TERMINAL	
6	1001104498	3	SEAL	
7	4461262	1	CONNECTOR	
8	1001116697	3	TERMINAL	
9	1001104498	3	SEAL	
10	4461262	1	CONNECTOR	
11	1001116697	3	TERMINAL	
12	1001104498	3	SEAL	
13	1001118325	1	CONNECTOR	
14	4460970	1	CONNECTOR	
15	80604015	1	WEDGE LOCK	
16	4460464	9	TERMINAL	
17	4460466	3	PLUG	

FIGURE 10-36. PLATFORM SENSOR INSTALLATION

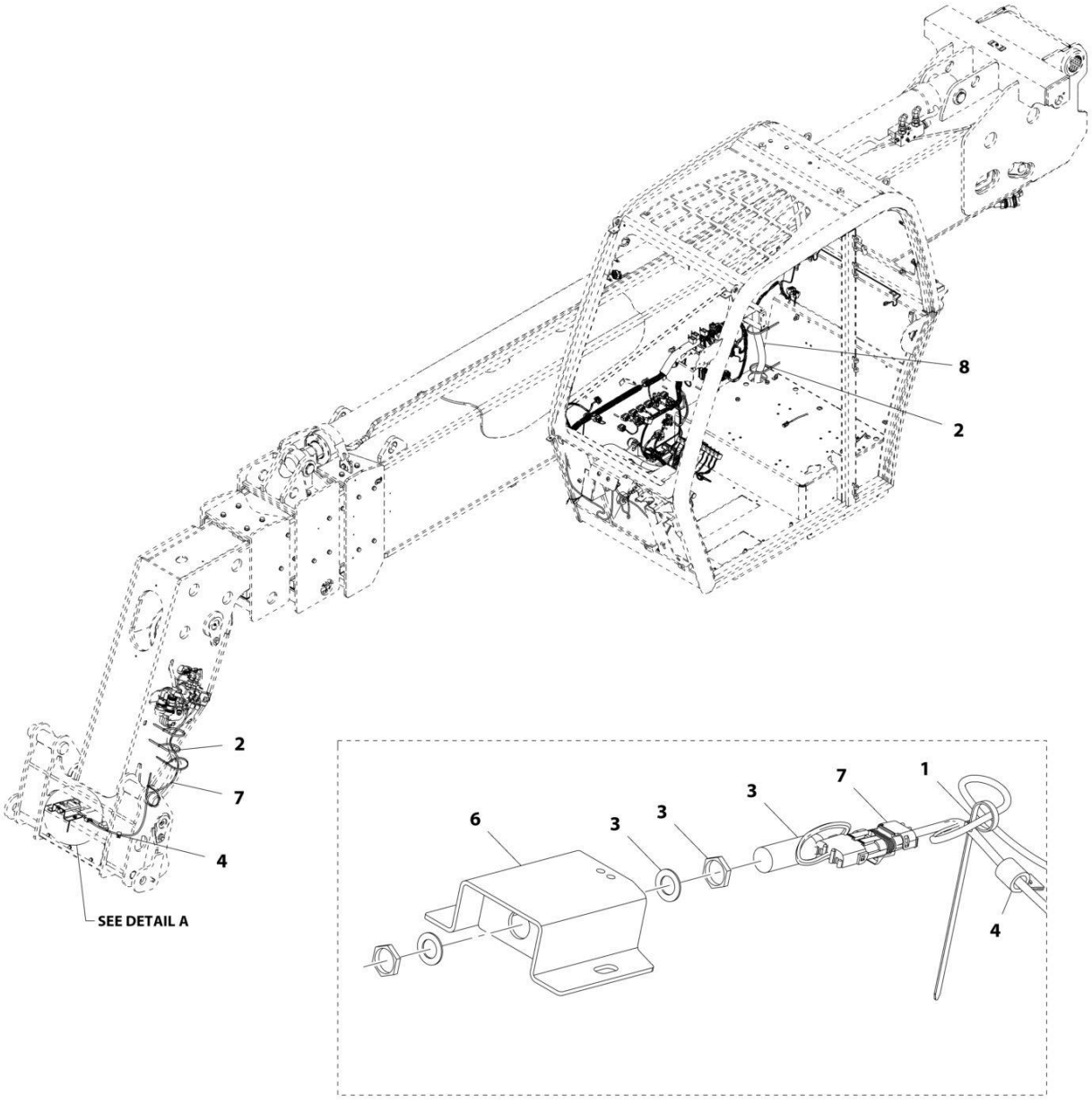


FIGURE 10-36. PLATFORM SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156948	Ref	PLATFORM SENSOR INSTALLATION	A
1	471678	1	CABLE BAND, 4.8X204mm	
2	1062255	12	TIE STRAP	
3	80363166	1	SENSOR	
4	1001003322	2	CLIP	
5	1001095650	AR	LOCTITE 243 (not shown)	
6	1001114167	1	BRACKET	
7	1001121234	1	HARNESS, PLATFORM RECOGNITION (See PLATFORM RECOGNITION HARNESS for Breakdown)	
8	1001121471	1	WIRE, PLATFORM RECOGNITION	

FIGURE 10-37. PLATFORM RECOGNITION INSTALLATION

FIGURE 10-37. PLATFORM RECOGNITION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001121234	1	PLATFORM RECOGNITION HARNESS	C
1	4460459	1	CONNECTOR	
2	4460743	3	TERMINAL	
3	4460458	3	SEAL	
4	4461119	1	CONNECTOR	
5	1001104497	3	TERMINAL	
6	1001104498	3	SEAL	

FIGURE 10-38. AUXILIARY POWER UNIT INSTALLATION (4014PS,4017PS)

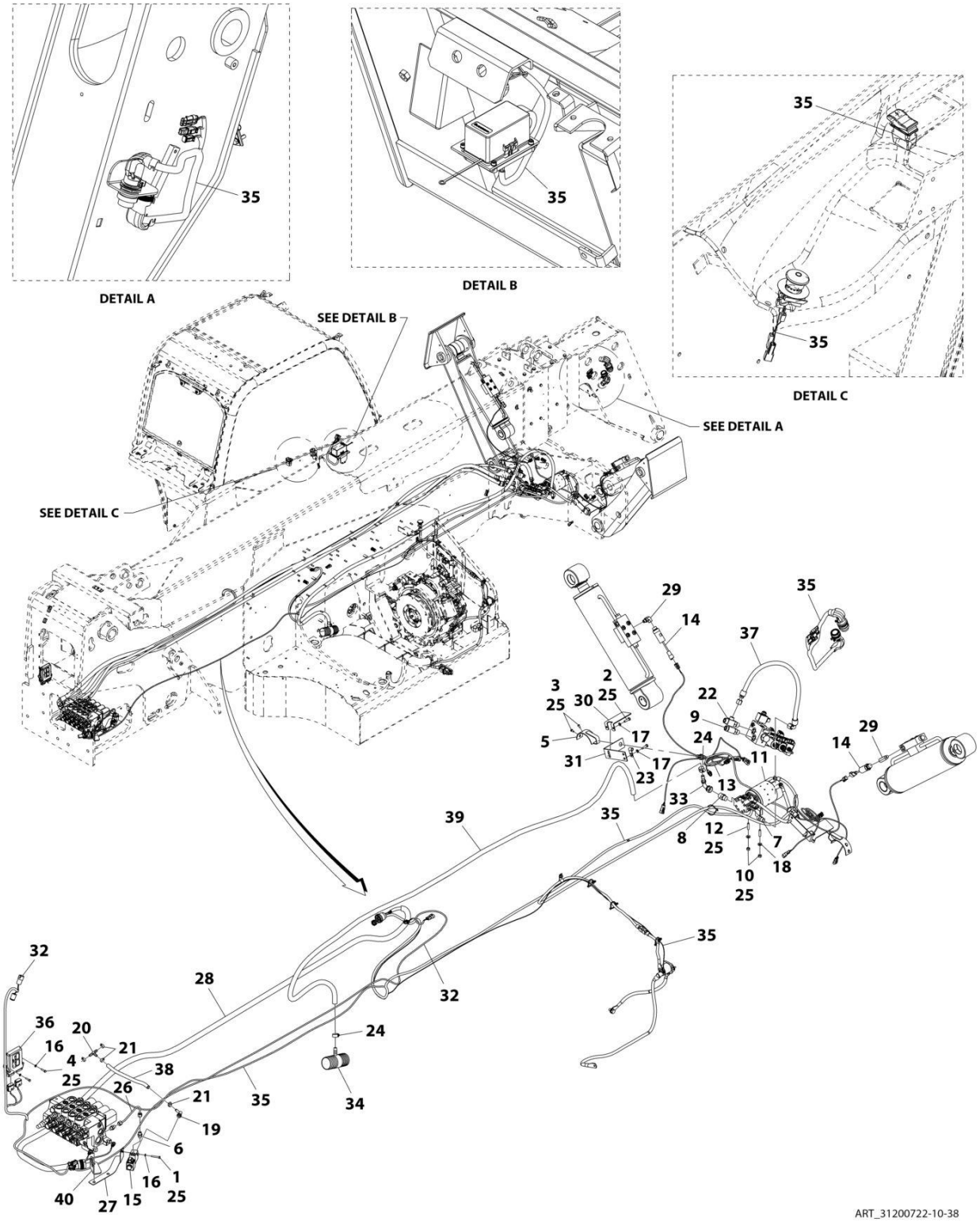


FIGURE 10-38. AUXILIARY POWER UNIT INSTALLATION (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152040	Ref	AUXILIARY POWER UNIT INSTALLATION (includes items 1 thru 3, 5 thru 31, 33 thru 35, 37 thru 40) (4014PS)	E
	1001152041	Ref	AUXILIARY POWER UNIT INSTALLATION (includes items 1 thru 40) (4017PS)	E
1	0700616	2	HEX HD CAPSCREW, M6X40, GR8.8, (torque to 12 Nm/9 lb-ft)	
2	0700814	4	HEX HD CAPSCREW, M8X30, GR8.8	
3	0760606	4	HEX HD CAPSCREW, M6X12, GR8.8, (torque to 11 Nm/8.11 lb-ft)	
4	0760612	2	HEX HD CAPSCREW, M6X25, GR8.8, (torque to 12 Nm/9 lb-ft) (4017PS)	
5	0903342	2	STRIKER WELDMENT BRACKET	
6	2110406	2	CONNECTOR, (includes o-ring)	
7	2110808	1	ADAPTER, CONNECTOR, (includes o-ring)	
8	2111010	1	ADAPTER, CONNECTOR, (includes o-ring)	
9	2170110	1	ADAPTER, CONNECTOR, (includes o-ring)	
10	3271601	2	HEX NUT, GR8	
11	3600422	1	AUXILIARY POWER PUMP, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
12	3951612	2	KNURLED CAPSCREW	
13	4000017	2	PROXIMITY SENSOR	
14	4360661	2	PRESSURE SWITCH	
15		Ref	DIVERTER VALVE, (See HYDRAULIC COMPONENTS SECTION for Breakdown)	
16	4811700	2	FLAT WASHER, 6mm (4014PS)	
16	4811700	4	FLAT WASHER, 6mm (4017PS)	
17	4811900	4	FLAT WASHER, 8mm	
18	4812000	2	FLAT WASHER, 10mm	
19	1001003443	1	ADAPTER, CONNECTOR, (includes o-ring)	
20	1001003934	1	TEE BARB	
21	1001004141	4	CLAMP	
22	1001007012	1	TEE FITTING, (includes o-ring)	
23	1001008773	2	CLIP	
24	1001008609	2	CLAMP	
25	1001095650	AR	LOCTITE 243	
26	1001102403	1	TUBE	
27	1001102406	1	BRACKET ASSY	
28		Ref	INSTALLATION, BOOM AUXILARY ELECTRICAL HARNESS, (See BOOM AUX ELECTRICAL HARNESS INSTALLATION for Breakdown)	
29	1001103249	2	ADAPTER, CONNECTOR, (includes o-ring)	
30	1001106884	2	SWITCH COVER PLATE	
31	1001107004	2	PROXIMITY SUPPORT BRACKET (4014PS)	
31	1001115932	2	PROXIMITY SUPPORT BRACKET (4017PS)	
32		Ref	HARNESS, BOOM EXTENSION LIMIT, (See BOOM EXTENSION LIMIT HARNESS for Breakdown)	
33	1001137296	1	ELBOW, 90, (includes o-ring)	
34	1001172775	1	HOSE ASSY	
35		Ref	INSTALLATION, PLATFORM ELECTRICAL, (See PLATFORM ELECTRICAL INSTALLATION for Breakdown)	
36	1001151975	1	CONTROL, ACCESSORY MODULE (4017PS)	
37	1001152056	1	HOSE	
38	1001152124	1	HOSE	
39	1001152055	1	HOSE	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
40	1001102571	1	CABLE BRACKET	

FIGURE 10-39. BOOM AUXILIARY ELECTRICAL HARNESS INSTALLATION

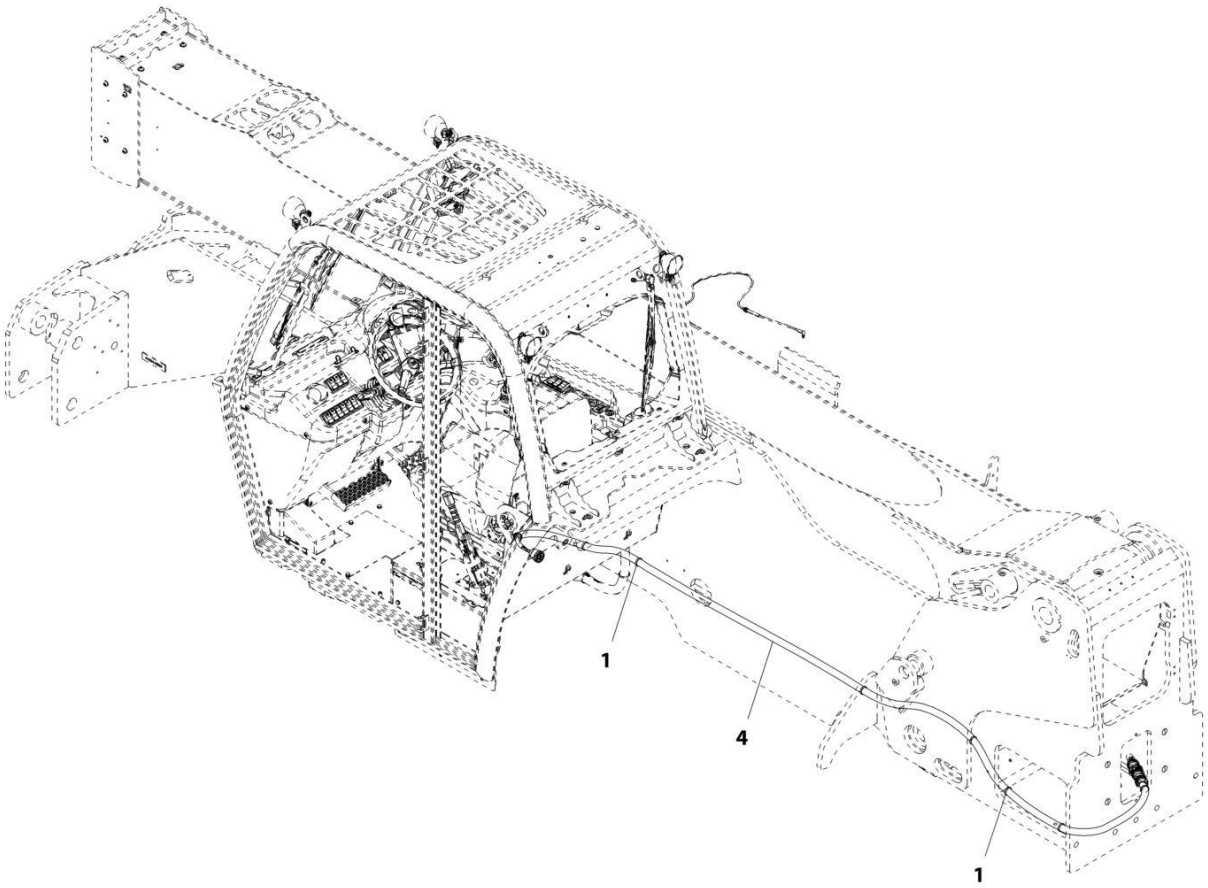


FIGURE 10-39. BOOM AUXILIARY ELECTRICAL HARNESS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102453	Ref	BOOM AUXILIARY ELECTRICAL HARNESS INSTALLATION	B
1	4240017	AR	TIE STRAP	
4	1001094170	1	HARNESS, CAB TO BOOM, (See CAB TO BOOM HARNESS for Breakdown)	

FIGURE 10-40. PLATFORM ELECTRICAL INSTALLATION (4014PS,4017PS)

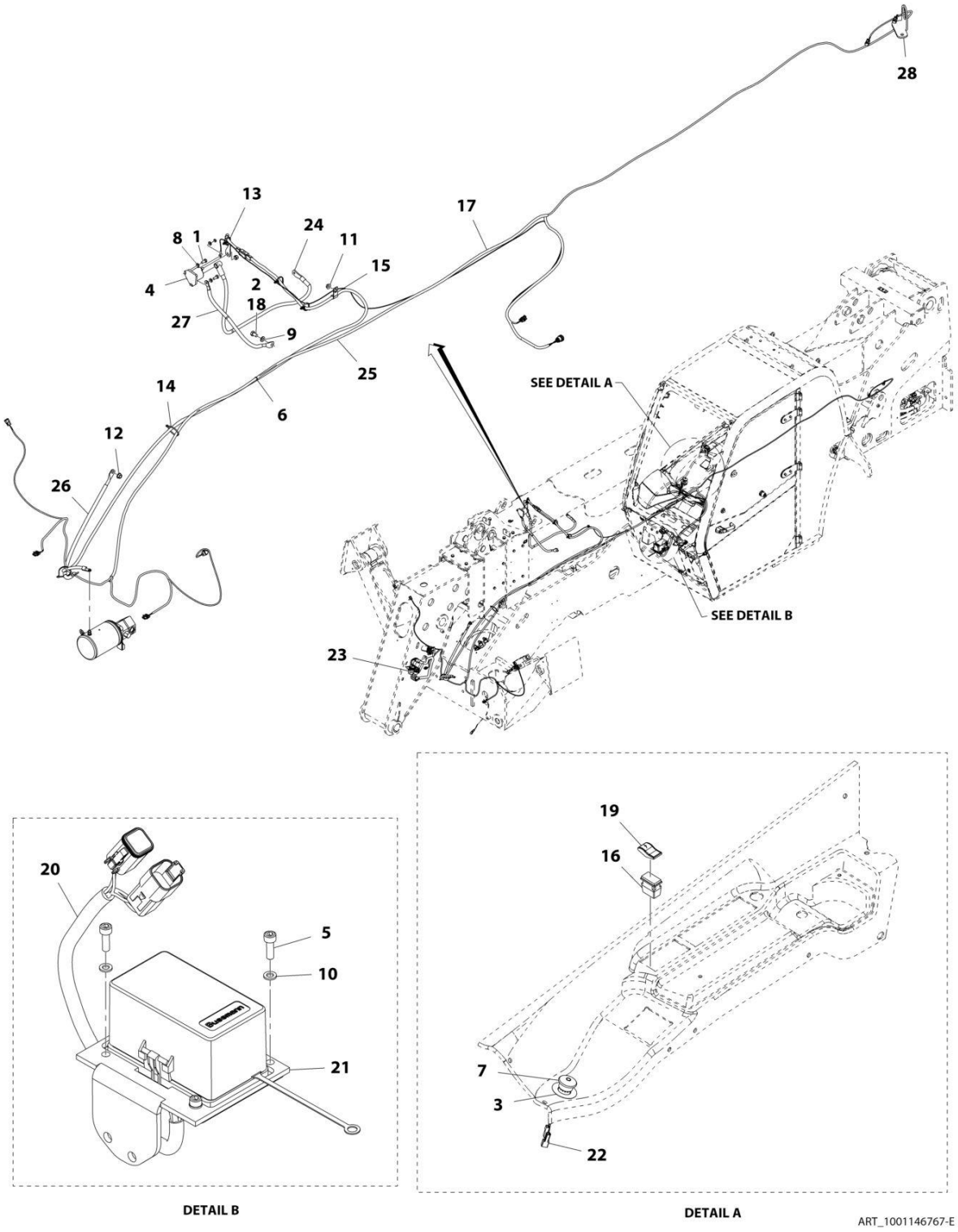


FIGURE 10-40. PLATFORM ELECTRICAL INSTALLATION (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146767	Ref	PLATFORM ELECTRICAL INSTALLATION	E
1	0760607	2	HEX HD CAPSCREW, M6X14, GR8.8, (torque to 12 Nm/8.85 lb-ft)	
2	0761210	1	HEX HD CAPSCREW, M12X20, GR8.8, (torque to 90 Nm/66 lb-ft)	
3	1704260	1	EMS DECAL	
4		Ref	SOLENOID ASSEMBLY RELAY, (see ELECTRICAL SECTION for Breakdown)	
5	4031607	4	SOCKET HD CAPSCREW, M5X16, (torque to 6.5-7.5 Nm/4.79-5.53 lb-ft)	
6	4240017	1	TIE STRAP	
7	4360475	1	EMERGENCY STOP SWITCH	
8	4811700	2	WASHER, 6mm	
9	4812100	1	WASHER, 12mm	
10	4831600	4	SPRING LOCKWASHER, 5mm	
11	5220800	1	RIPP NUT, 8mm	
12	5221200	1	RIPP NUT, 12mm	
13	1001004720	3	CABLE STRAP	
14	1001008559	2	CABLE STRAP	
15	1001008773	1	CLIP	
16	1001092861	1	RIDE CONTROL SWITCH BODY	
17		Ref	HARNESS, PLATFORM, (See PLATFORM HARNESS for Breakdown)	
18	1001095650	AR	LOCTITE 243	
19	1001103109	1	SWITCH KEY	
20		Ref	HARNESS, PLATFORM RELAY BOX, (See PLATFORM RELAY BOX HARNESS for Breakdown)	
21	1001103264	1	RELAY BOX BRACKET	
22		Ref	HARNESS, EMERGENCY STOP LINK, (See EMERGENCY STOP LINK HARNESS for Breakdown)	
23	1001115519	1	HARNESS, AUXILIARY PLATFORM, (See AUXILIARY PLATFORM HARNESS for Breakdown)	
24	1001146744	1	RELAY CABLE	
25	1001146745	1	CABLE	
26	1001146746	1	CABLE	
27	1001146747	1	CABLE	
28	1001102571	1	CABLE BRACKET	

FIGURE 10-41. SOLENOID ASSEMBLY

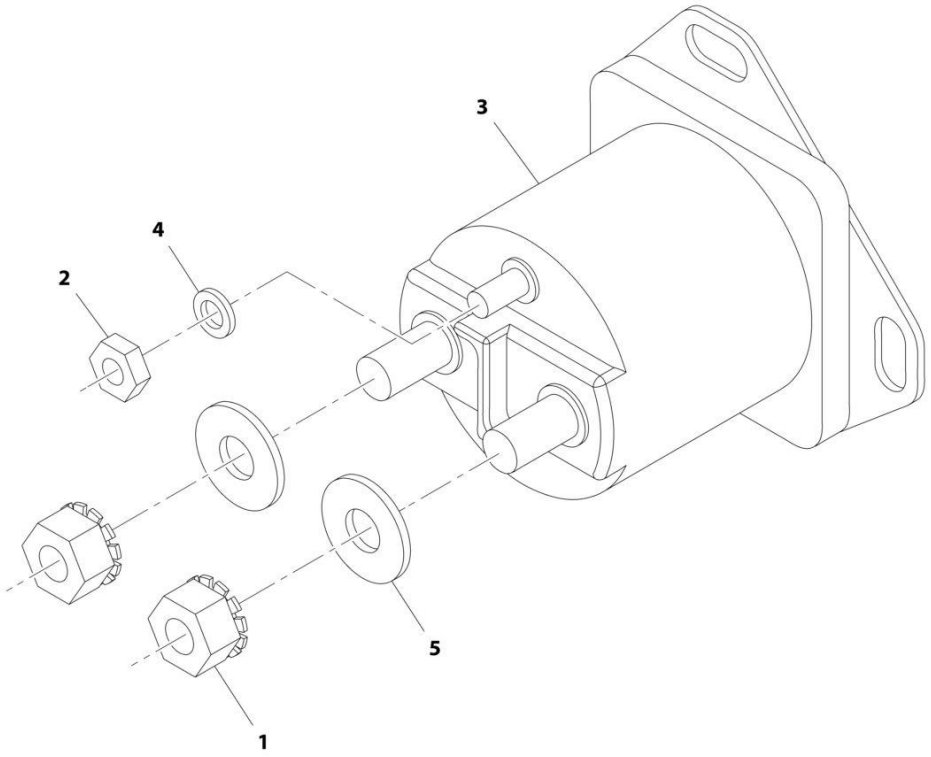


FIGURE 10-41. SOLENOID ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3740067	Ref	SOLENOID ASSEMBLY	E
1	3300220	2	HEX NUT	
2	3321001	1	HEX NUT, GR2	
3	3740140	1	POWER RELAY	
4	4761000	1	WASHER	
5	1001111424	2	WASHER	

FIGURE 10-42. CAB TO BOOM HARNESS

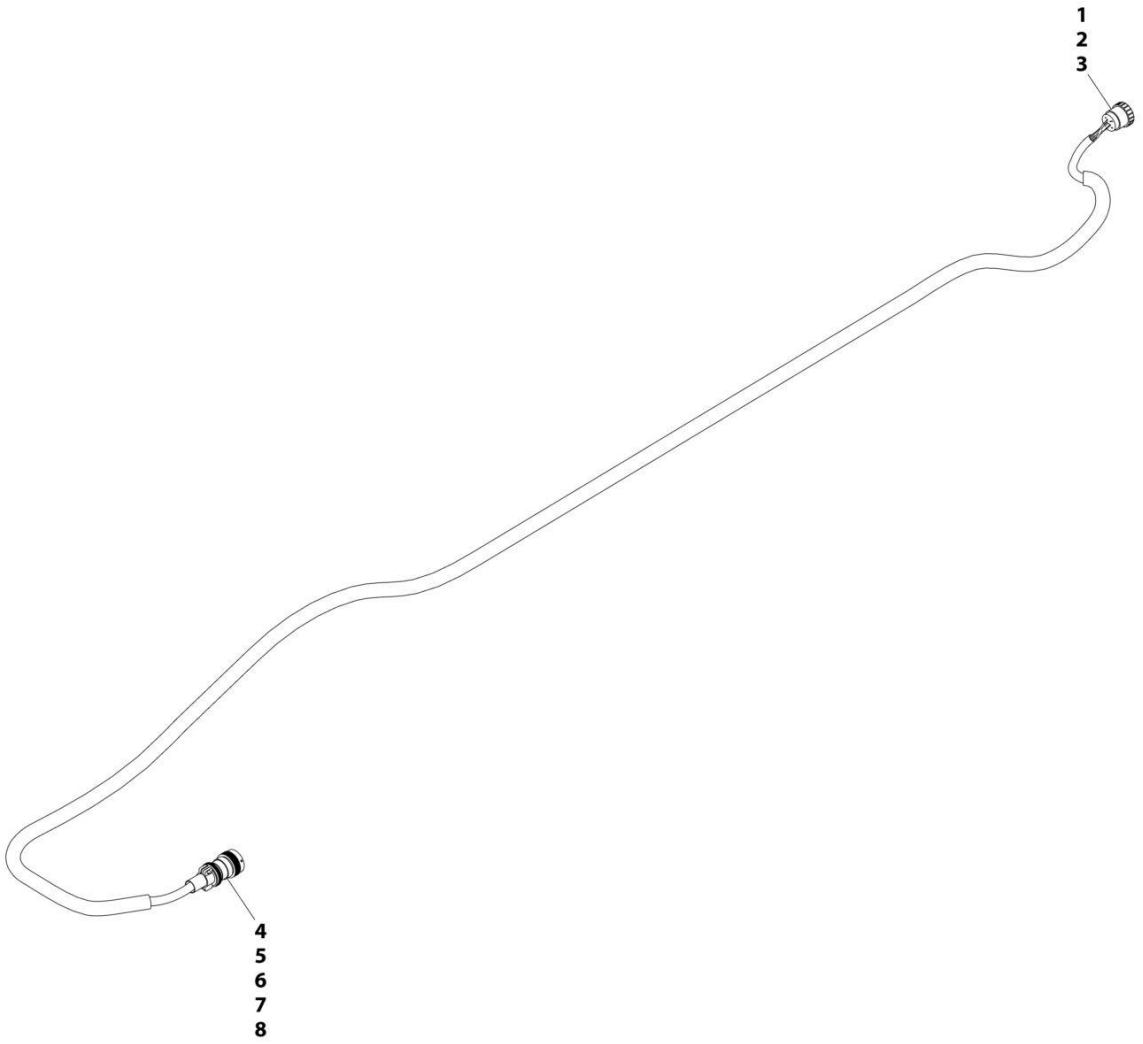


FIGURE 10-42. CAB TO BOOM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001094170	1	CAB TO BOOM HARNESS	A
1	1001116979	1	CONNECTOR	
2	1001118381	15	TERMINAL	
3	1001118391	1	PLUG	
4	1001116926	1	CONNECTOR	
5	4460509	4	TERMINAL	
6	4460465	8	TERMINAL	
7	4460944	3	TERMINAL	
8	4460466	6	PLUG	

FIGURE 10-43. PLATFORM HARNESS (4014PS,4017PS)

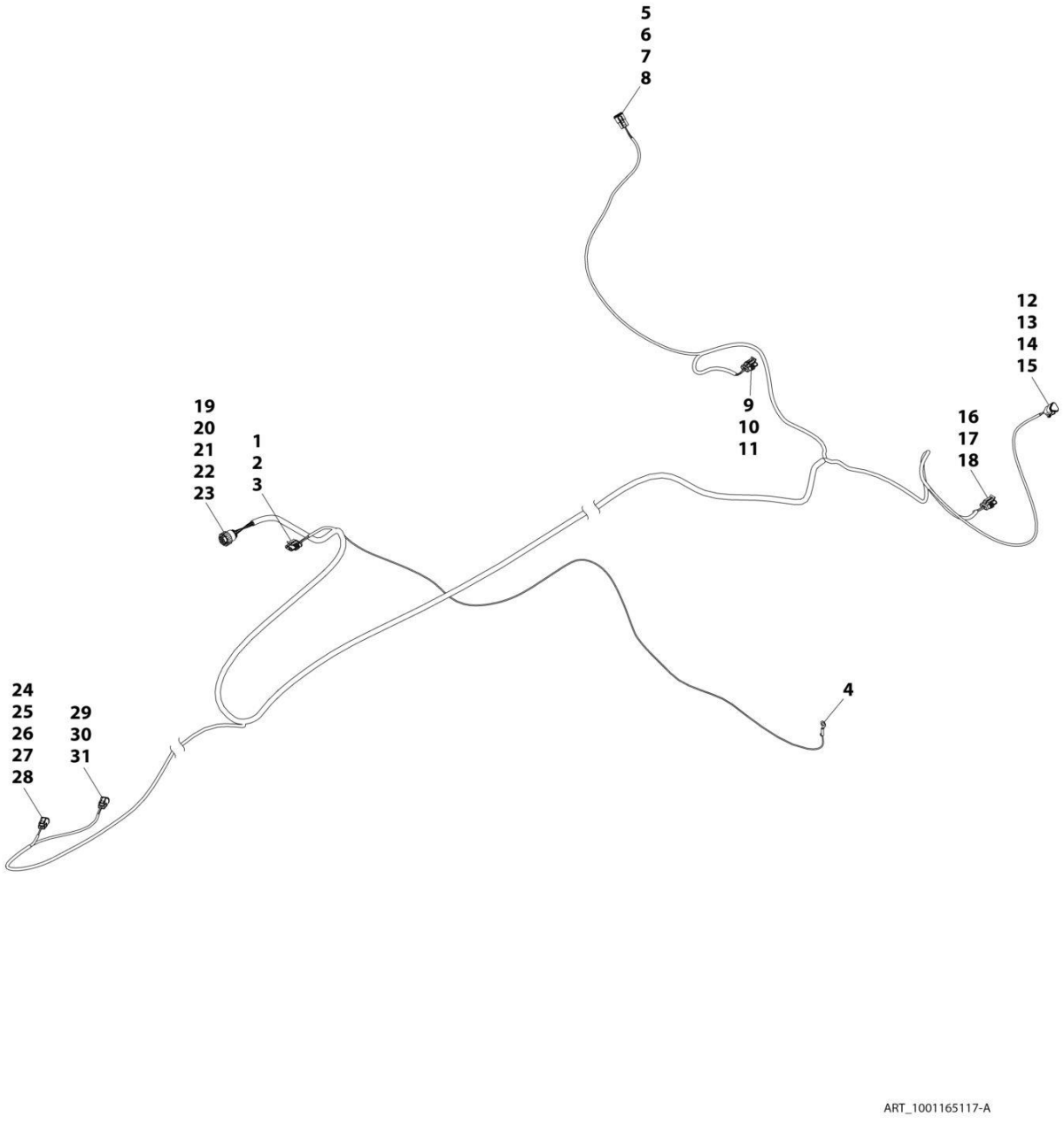
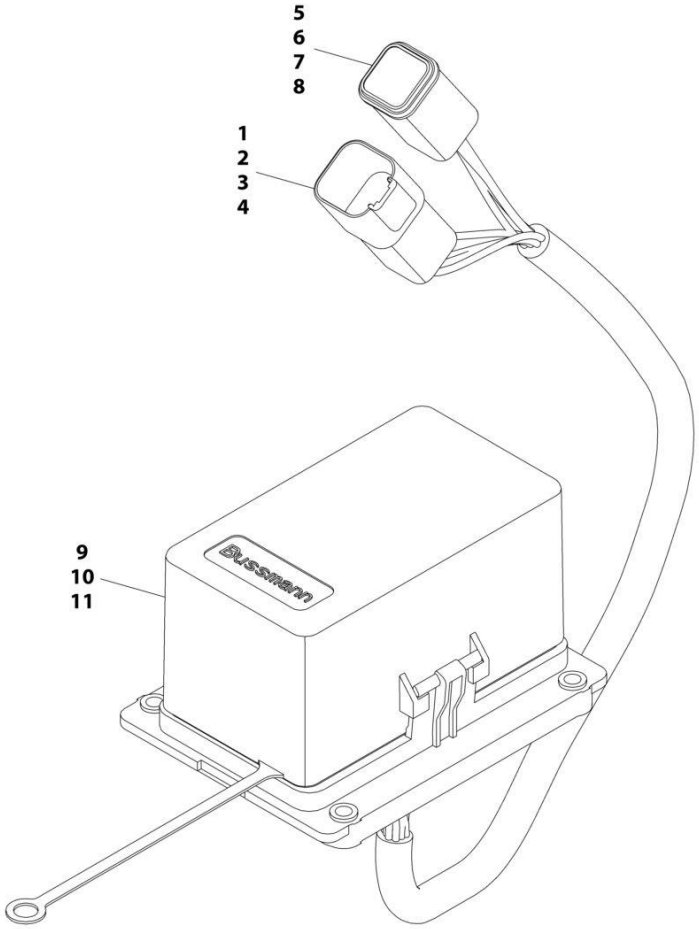


FIGURE 10-43. PLATFORM HARNESS (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165117	1	PLATFORM HARNESS	A
1	1001116980	1	CONNECTOR	
2	1001118381	8	TERMINAL	
3	1001118391	1	PLUG	
4	4460247	1	RING TERMINAL	
5	4460539	1	CONNECTOR	
6	77363244	1	SECONDARY LOCK WEDGE	
7	4460465	2	TERMINAL	
8	4460466	1	PLUG	
9	4461262	1	CONNECTOR	
10	1001116697	3	TERMINAL	
11	1001104498	3	SEAL	
12	4460539	1	CONNECTOR	
13	77363244	1	SECONDARY LOCK WEDGE	
14	4460465	2	TERMINAL	
15	4460466	1	PLUG	
16	4461262	1	CONNECTOR	
17	1001116697	3	TERMINAL	
18	1001104498	3	SEAL	
19	4461262	1	CONNECTOR	
20	1001116697	1	TERMINAL	
21	1001104498	3	SEAL	
22	4461119	1	CONNECTOR	
23	1001116698	2	PLUG	
24	4460891	1	CONNECTOR	
25	80604018	1	SECONDARY LOCK WEDGE	
26	4460465	2	TERMINAL	
27	4460897	1	CONNECTOR	
28	4460466	2	PLUG	
29	4460891	1	CONNECTOR	
30	80604018	1	SECONDARY LOCK WEDGE	
31	4460465	2	TERMINAL	

FIGURE 10-44. PLATFORM RELAY BOX HARNESS (4014PS,4017PS)

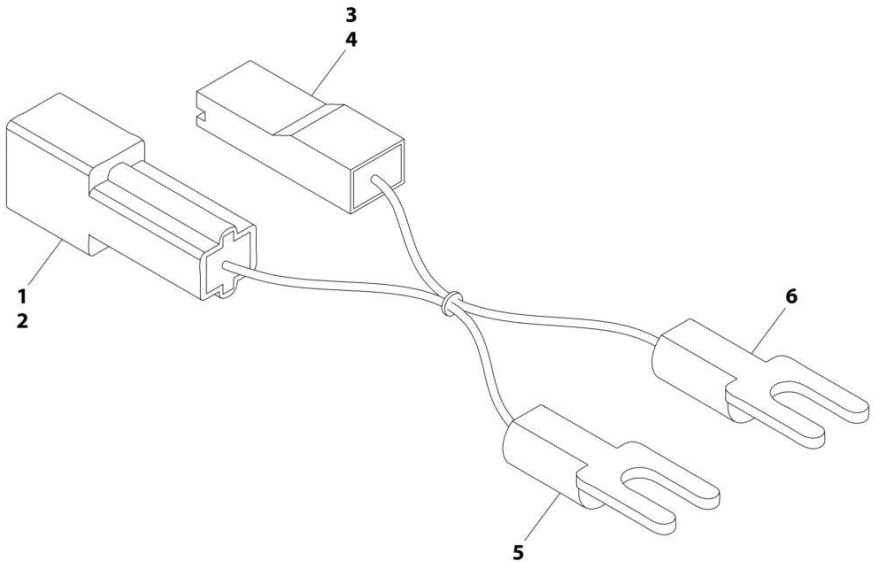


ART_1001103262-A

FIGURE 10-44. PLATFORM RELAY BOX HARNESS (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103262	1	PLATFORM RELAY BOX HARNESS	A
1	4460899	1	CONNECTOR	
2	80604022	1	SECONDARY LOCK WEDGE	
3	4460464	4	TERMINAL	
4	4460466	3	PLUG	
5	4460894	1	CONNECTOR	
6	80604023	1	SECONDARY LOCK WEDGE	
7	4460465	3	TERMINAL	
8	4460466	3	PLUG	
9	1001167616	1	FUSE BOX ASSEMBLY	
10	1001116726	12	TERMINAL	
11	1001116727	38	PLUG	

FIGURE 10-45. EMERGENCY STOP LINK HARNESS (4014PS,4017PS)



ART_1001105487-A

FIGURE 10-45. EMERGENCY STOP LINK HARNESS (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001105487	1	EMERGENCY STOP LINK HARNESS	A
1	1001117004	1	CONNECTOR	
2	1001116700	1	TERMINAL	
3	1001116982	1	CONNECTOR	
4	1001118379	1	TERMINAL	
5	4460144	1	FORK TERMINAL	
6	4460144	1	FORK TERMINAL	

FIGURE 10-46. BOOM EXTENSION LIMIT HARNESS

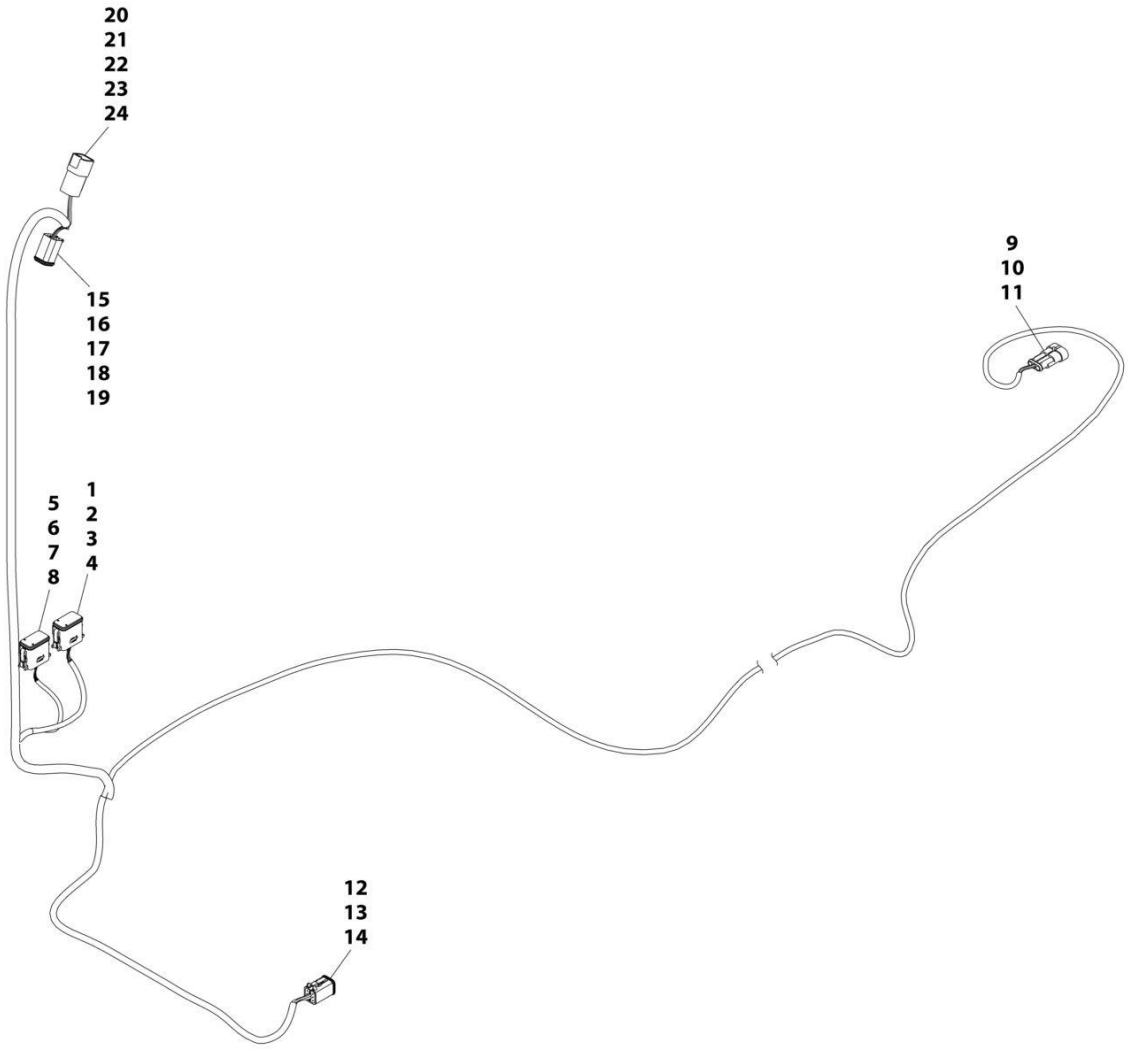


FIGURE 10-46. BOOM EXTENSION LIMIT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001116132	1	BOOM EXTENSION LIMIT HARNESS	A
1	1001116808	1	CONNECTOR	
2	4460915	1	SECONDARY LOCK WEDGE	
3	4460928	3	TERMINAL	
4	4460518	9	PLUG	
5	1001116774	1	CONNECTOR	
6	4460915	1	SECONDARY LOCK WEDGE	
7	4460928	2	TERMINAL	
8	4460518	10	PLUG	
9	4461119	1	CONNECTOR	
10	1001104497	3	TERMINAL	
11	1001104498	3	SEAL	
12	4460894	1	CONNECTOR	
13	80604023	1	SECONDARY LOCK WEDGE	
14	4460465	6	TERMINAL	
15	4460894	1	CONNECTOR	
16	80604023	1	SECONDARY LOCK WEDGE	
17	4460465	2	TERMINAL	
18	4460944	2	TERMINAL	
19	4460466	2	PLUG	
20	4460899	1	CONNECTOR	
21	80604022	1	SECONDARY LOCK WEDGE	
22	4460464	2	TERMINAL	
23	4460943	2	TERMINAL	
24	4460466	2	PLUG	

FIGURE 10-47. AUXILIARY PLATFORM HARNESS (4014PS,4017PS)

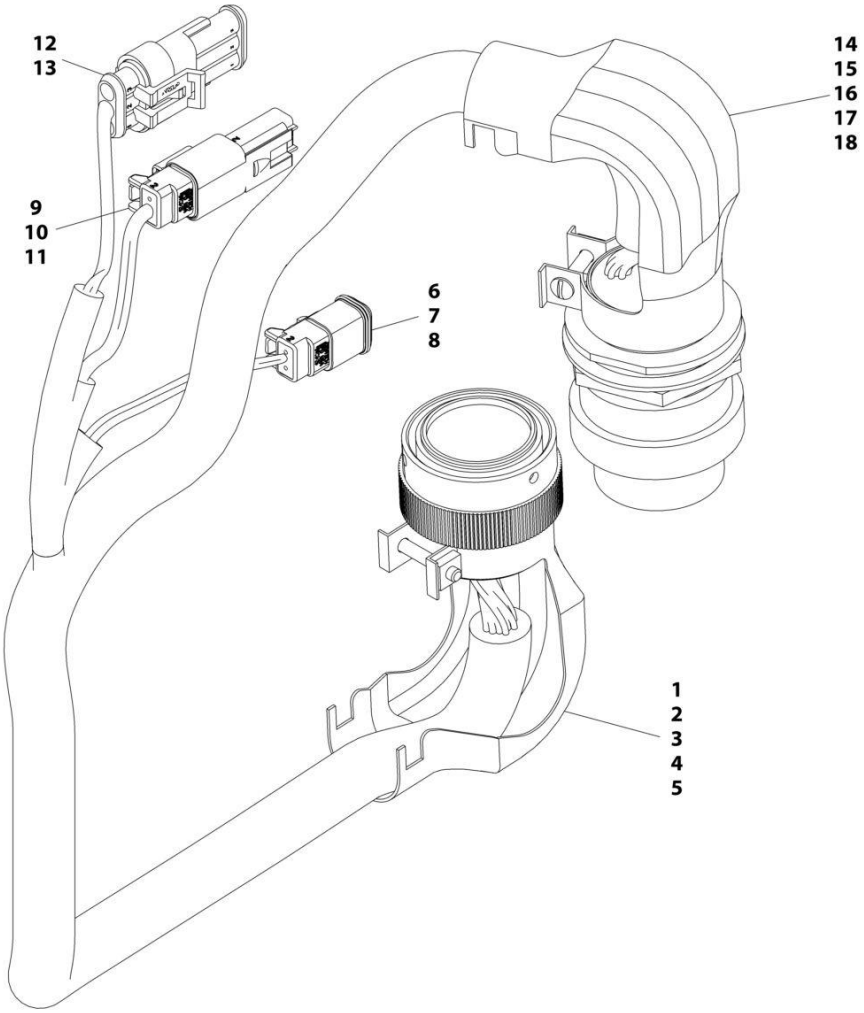


FIGURE 10-47. AUXILIARY PLATFORM HARNESS (4014PS,4017PS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001115519	1	AUXILIARY PLATFORM HARNESS	A
1	1001116955	1	CONNECTOR	
2	4460508	4	TERMINAL	
3	4460464	8	TERMINAL	
4	4460943	1	TERMINAL	
5	4460466	6	PLUG	
6	4460891	1	CONNECTOR	
7	80604018	1	SECONDARY LOCK WEDGE	
8	4460465	2	TERMINAL	
9	4460891	1	CONNECTOR	
10	80604018	1	SECONDARY LOCK WEDGE	
11	4460465	2	TERMINAL	
12	4461262	1	CONNECTOR	
13	1001116697	3	TERMINAL	
14	4461240	1	CONNECTOR	
15	4460509	4	TERMINAL	
16	4460465	3	TERMINAL	
17	4460944	3	TERMINAL	
18	4460466	11	PLUG	

FIGURE 10-48. 3B PLATFORM HARNESS

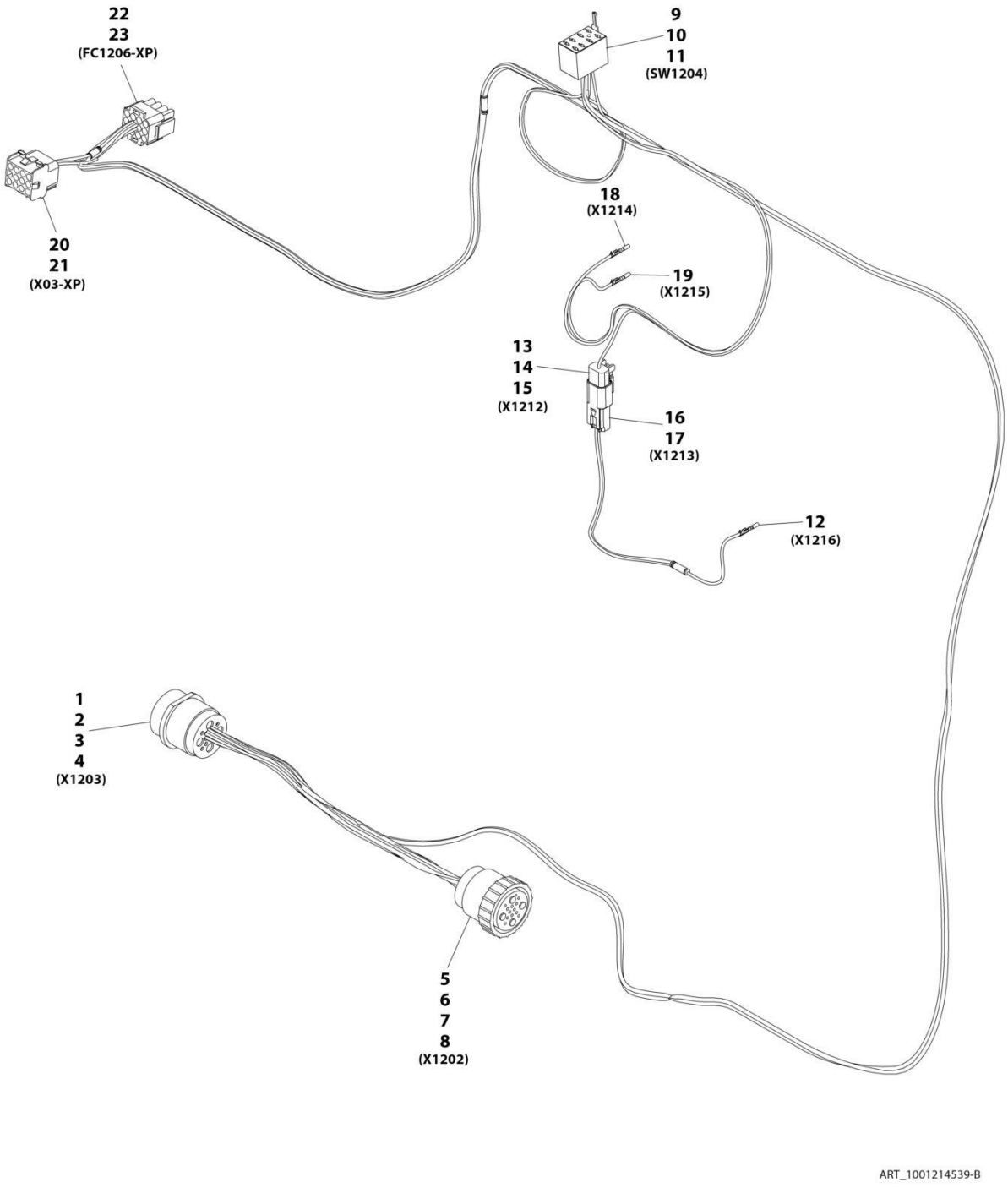


FIGURE 10-48. 3B PLATFORM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214539	Ref	3B PLATFORM HARNESS	B
1	1001116987	1	CONNECTOR	
2	1001116709	4	TERMINAL	
3	1001118380	11	TERMINAL	
4	1001118391	1	PLUG	
5	1001116979	1	CONNECTOR	
6	1001116718	4	TERMINAL	
7	1001118381	11	TERMINAL	
8	1001118391	1	PLUG	
9	4461164	1	CONNECTOR	
10	1001116716	2	TERMINAL	
11	1001104519	5	TERMINAL	
12	4460871	1	SOCKET TERMINAL	
13	4460891	1	CONNECTOR	
14	80604018	1	WEDGE LOCK	
15	4460465	1	TERMINAL	
16	4460466	1	PLUG	
17	4460897	1	CONNECTOR	
18	80604017	1	WEDGE LOCK	
19	4460464	1	TERMINAL	
20	4460871	1	SOCKET TERMINAL	
21	4460871	1	SOCKET TERMINAL	
22	4460367	1	CONNECTOR	
23	4460268	4	TERMINAL	
24	4460343	1	CONNECTOR	
25	4460267	10	TERMINAL	

FIGURE 10-49. CAN-BUS HARNESS

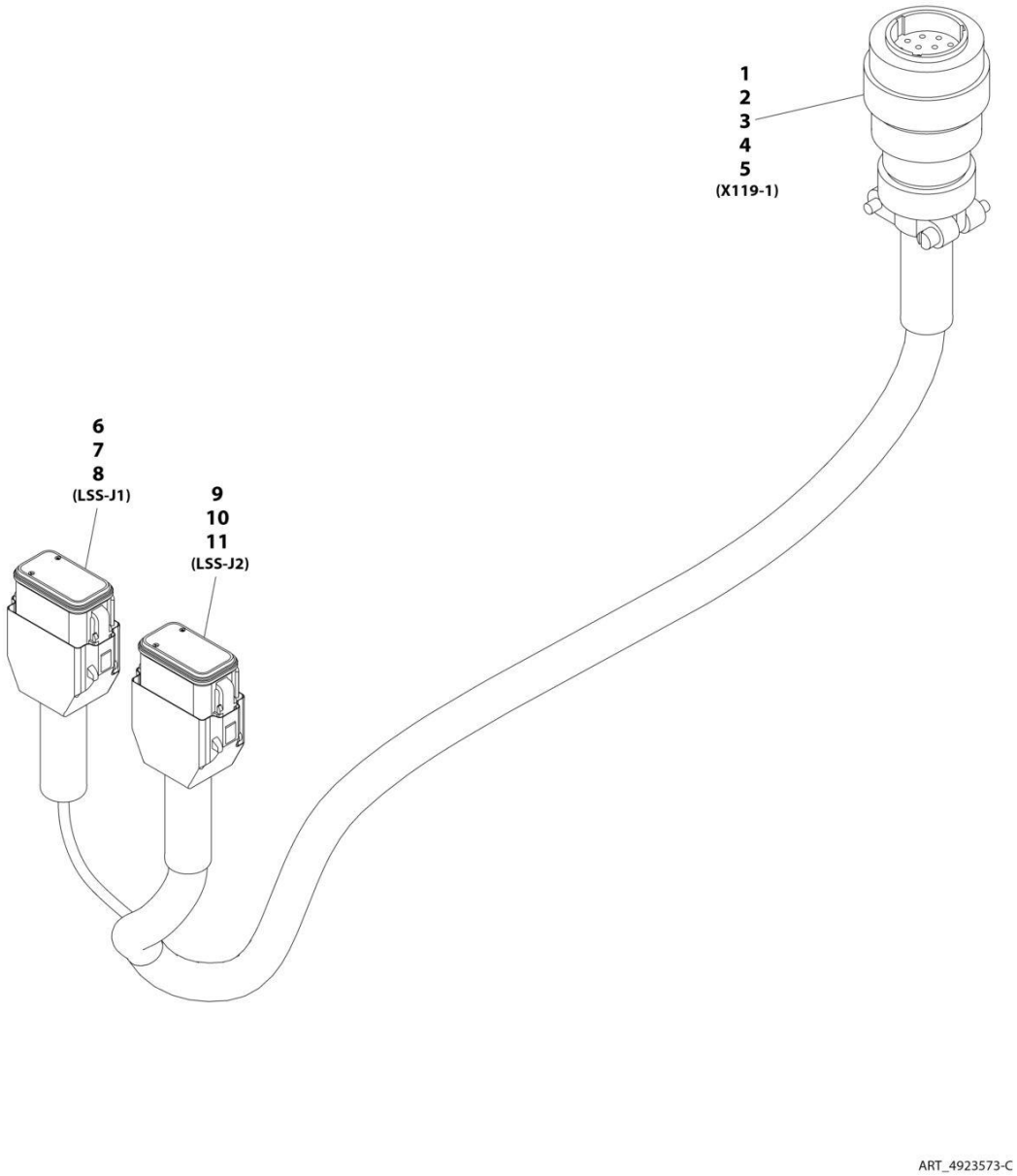


FIGURE 10-49. CAN-BUS HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4923573	Ref	CAN-BUS HARNESS	C
1	4461253	1	CONNECTOR	
2	4460464	2	TERMINAL	
3	4460943	6	TERMINAL	
4	4460466	6	PLUG	
5	4460492	1	CLAMP	
6	4460933	1	CONNECTOR	
7	4460465	2	TERMINAL	
8	4460466	10	PLUG	
9	4460836	1	CONNECTOR	
10	4460944	6	TERMINAL	
11	4460466	6	PLUG	

FIGURE 10-50. PLATFORM CONSOLE HARNESS

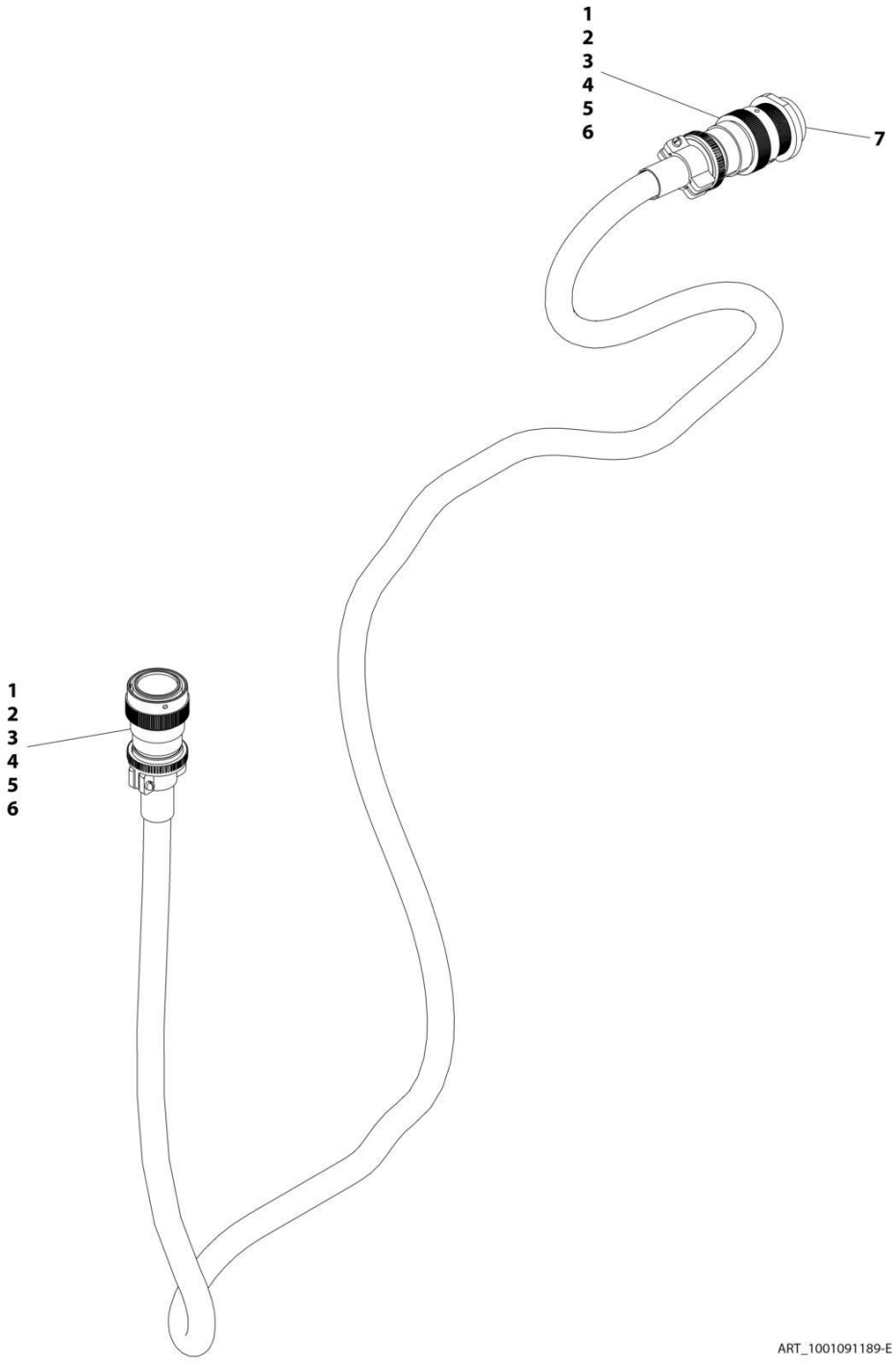


FIGURE 10-50. PLATFORM CONSOLE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091189	Ref	PLATFORM CONSOLE HARNESS, (includes items 1 thru 7)	E
1	1001116916	2	HOUSING	
2	4460473	2	CLAMP	
3	1001116693	6	PIN	
4	70020887	8	PIN	
5	7022736	12	PIN	
6	4460466	11	PLUG	
7	4460468	1	COVER	

FIGURE 10-51. CONSOLE HARNESS

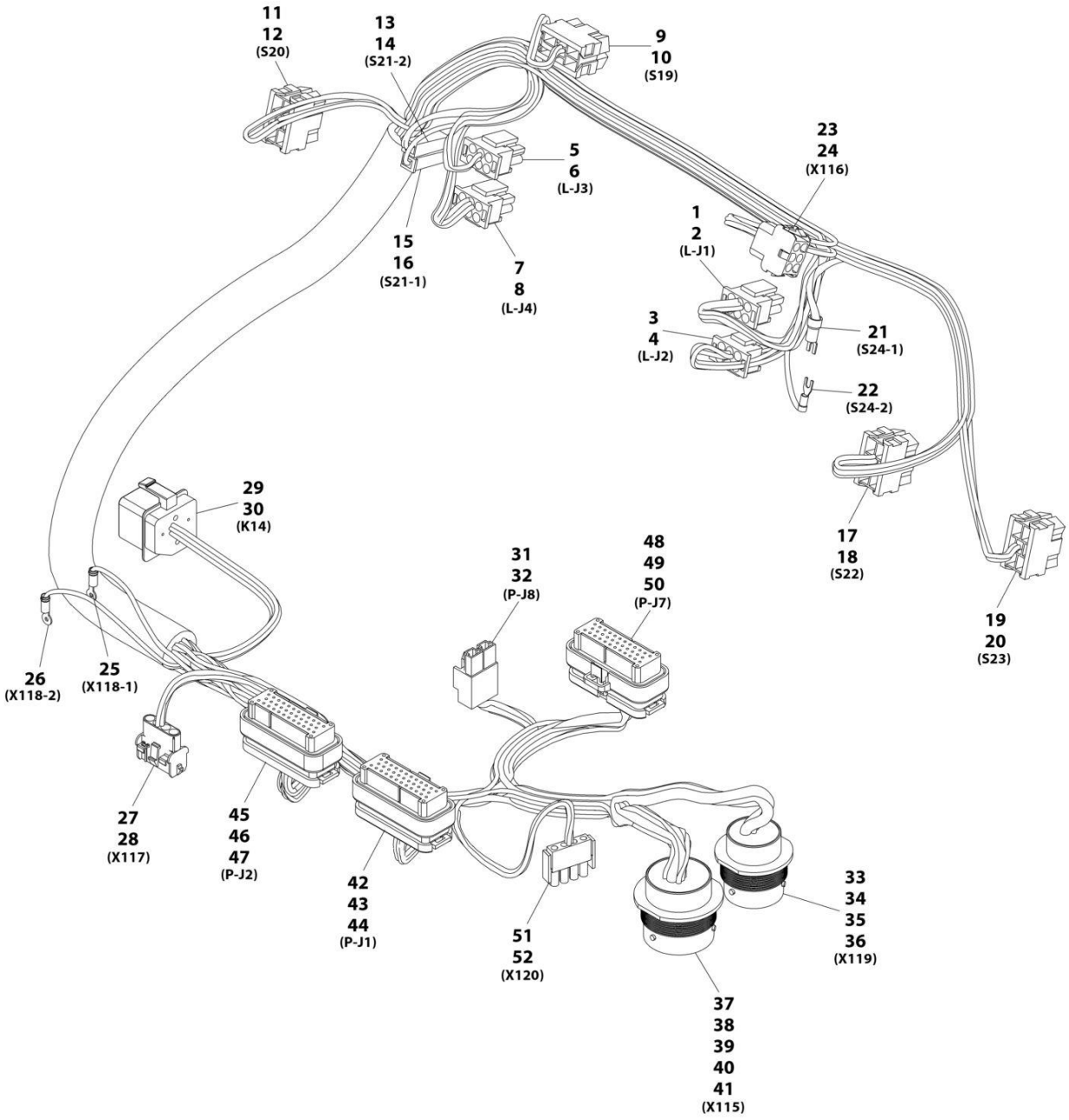


FIGURE 10-51. CONSOLE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001096360	Ref	CONSOLE HARNESS	E
1	4460225	1	CONNECTOR	
2	4460226	5	TERMINAL	
3	4460225	1	CONNECTOR	
4	4460226	5	TERMINAL	
5	4460225	1	CONNECTOR	
6	4460226	2	TERMINAL	
7	4460225	1	CONNECTOR	
8	4460226	5	TERMINAL	
9	4460418	1	CONNECTOR	
10	4460419	4	TERMINAL	
11	4460418	1	CONNECTOR	
12	4460419	4	TERMINAL	
13	4460260	1	CONNECTOR	
14	4460259	2	TERMINAL	
15	4460260	1	CONNECTOR	
16	4460259	1	TERMINAL	
17	4460418	1	CONNECTOR	
18	4460419	3	TERMINAL	
19	4460418	1	CONNECTOR	
20	4460419	3	TERMINAL	
21	4460806	2	SPADE TERMINAL	
22	4460888	1	FORK TERMINAL	
23	4460224	1	CONNECTOR	
24	4460227	1	TERMINAL	
25	4460213	1	WIRE TERMINAL	
26	4460213	1	WIRE TERMINAL	
27	4460761	1	CONNECTOR	
28	4460227	4	TERMINAL	
29	1001118282	1	CONNECTOR	
30	4460419	5	TERMINAL	
31	4460879	1	CONNECTOR	
32	4460887	4	TERMINAL	
33	4461241	1	CONNECTOR	
34	4460465	2	TERMINAL	
35	4460944	6	TERMINAL	
36	4460466	6	PLUG	
37	4461240	1	CONNECTOR	
38	4460465	3	TERMINAL	
39	4460509	4	TERMINAL	
40	4460944	3	TERMINAL	
41	4460466	9	PLUG	
42	4460874	1	CONNECTOR	
43	4460871	8	TERMINAL	
44	4460905	27	PLUG	
45	4460875	1	CONNECTOR	
46	4460871	22	TERMINAL	
47	4460905	13	PLUG	
48	4460875	1	CONNECTOR	
49	4460871	11	TERMINAL	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	4460905	24	PLUG	
51	1001119031	1	CONNECTOR	
52	4460226	3	TERMINAL	

FIGURE 10-52. TEMPERATURE SENSOR HARNESS

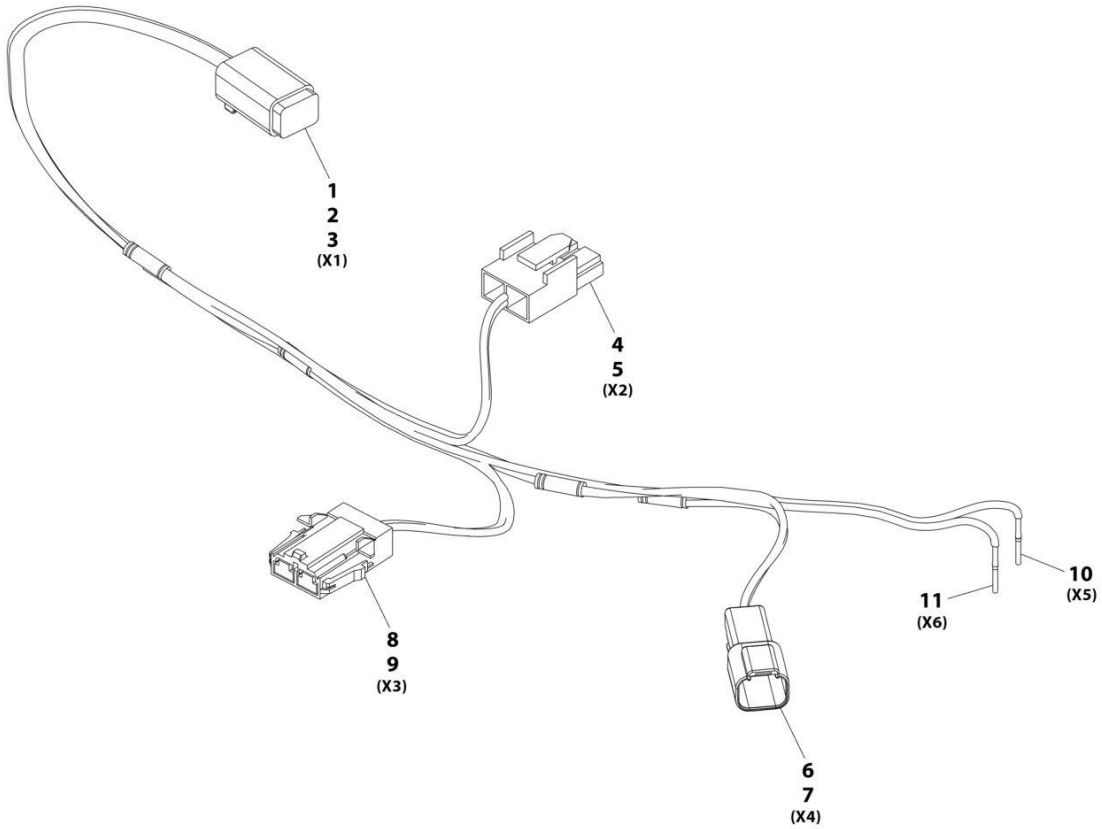
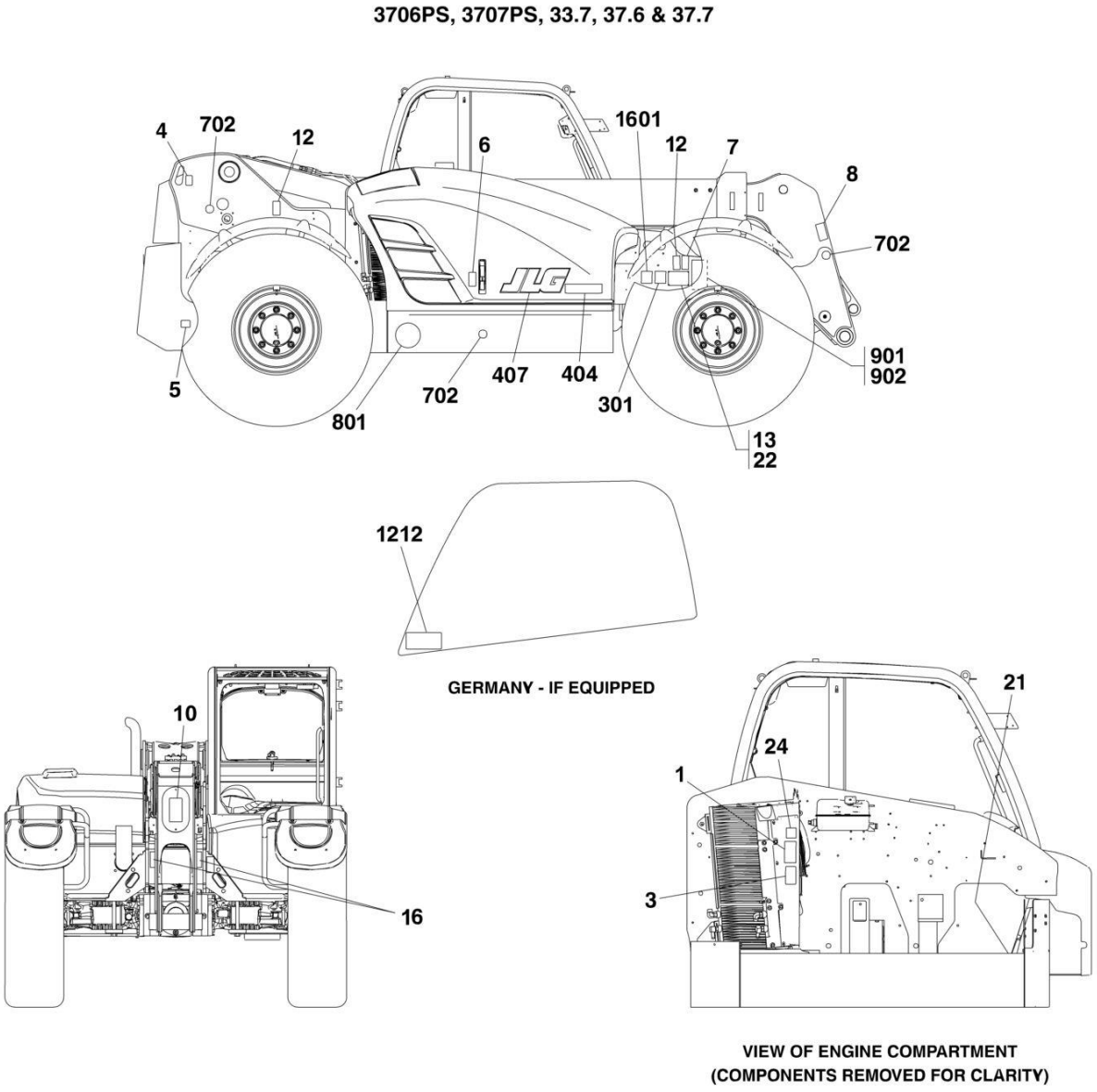


FIGURE 10-52. TEMPERATURE SENSOR HARNESS

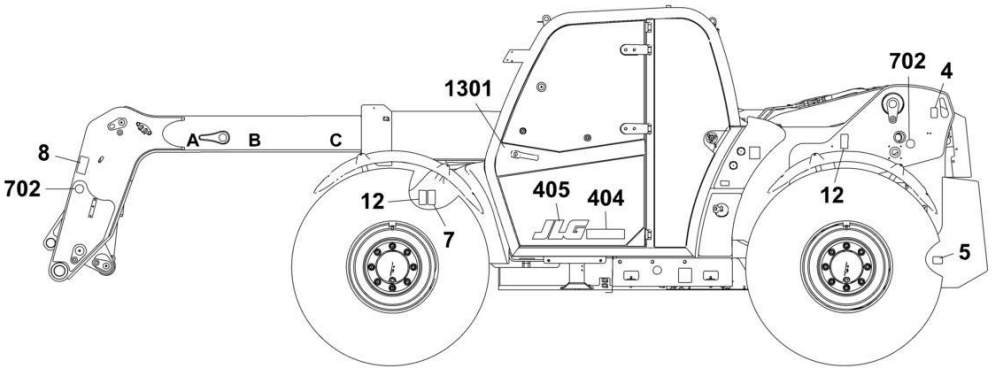
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172047	Ref	TEMPERATURE SENSOR HARNESS	A
1	4460884	1	CONNECTOR	
2	4460465	2	TERMINAL	
3	4460944	2	TERMINAL	
4	4460879	1	CONNECTOR	
5	4460887	2	TERMINAL	
6	4460897	1	CONNECTOR	
7	4460943	2	TERMINAL	
8	1001120471	1	CONNECTOR	
9	428170011	2	TERMINAL	
10	4460944	1	TERMINAL	
11	4460944	1	TERMINAL	

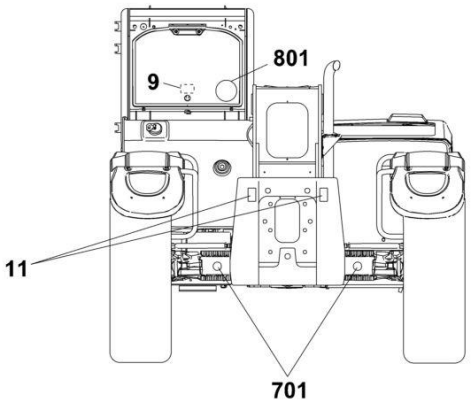
SECTION 11 - DECALS

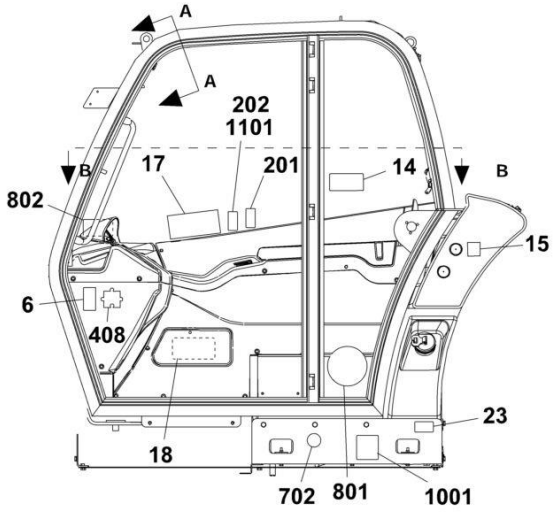
FIGURE 11-1. CAB AND FRAME DECALS

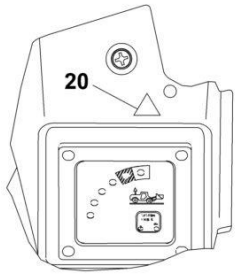


3706PS, 3707PS, 33.7, 37.6 & 37.7

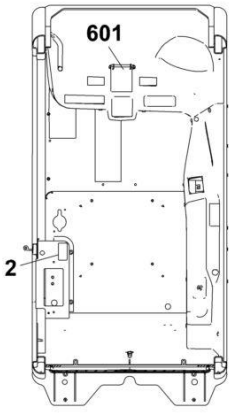








VIEW A-A

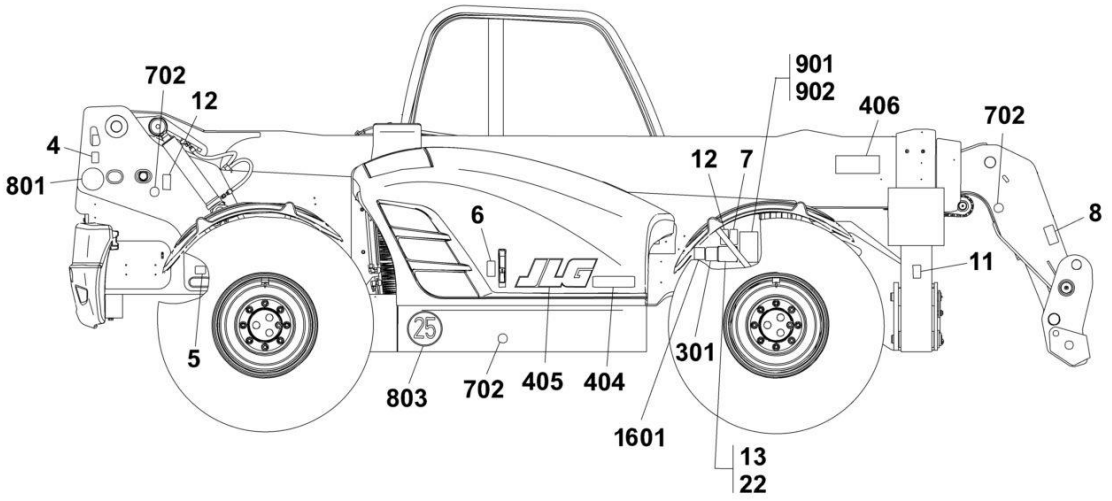


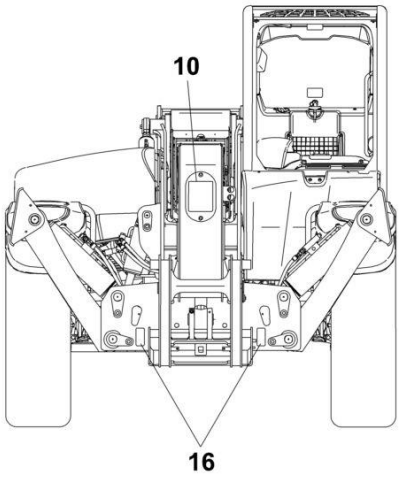
VIEW B-B

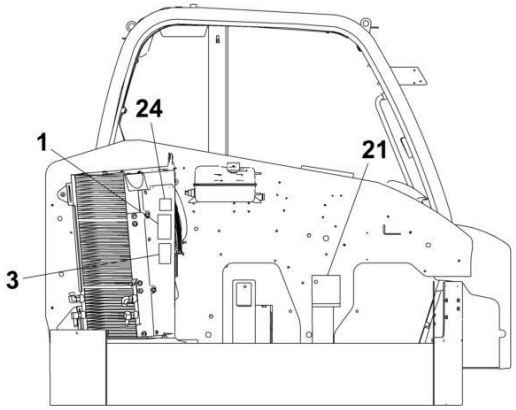
ART_31200722-11-1B

SECTION 11 - DECALS

4014PS & 4017PS



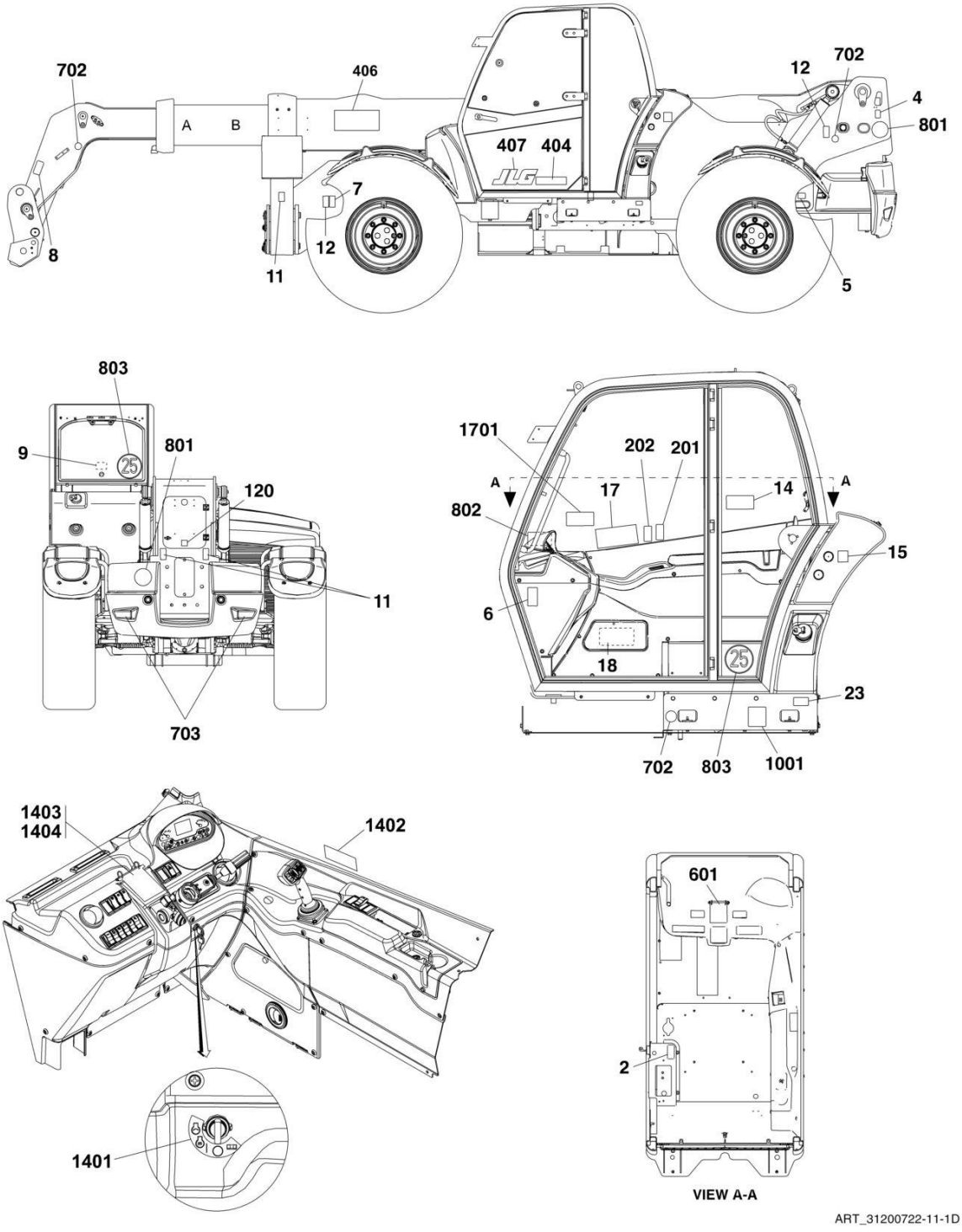




VIEW OF ENGINE COMPARTMENT
(COMPONENTS REMOVED FOR CLARITY)

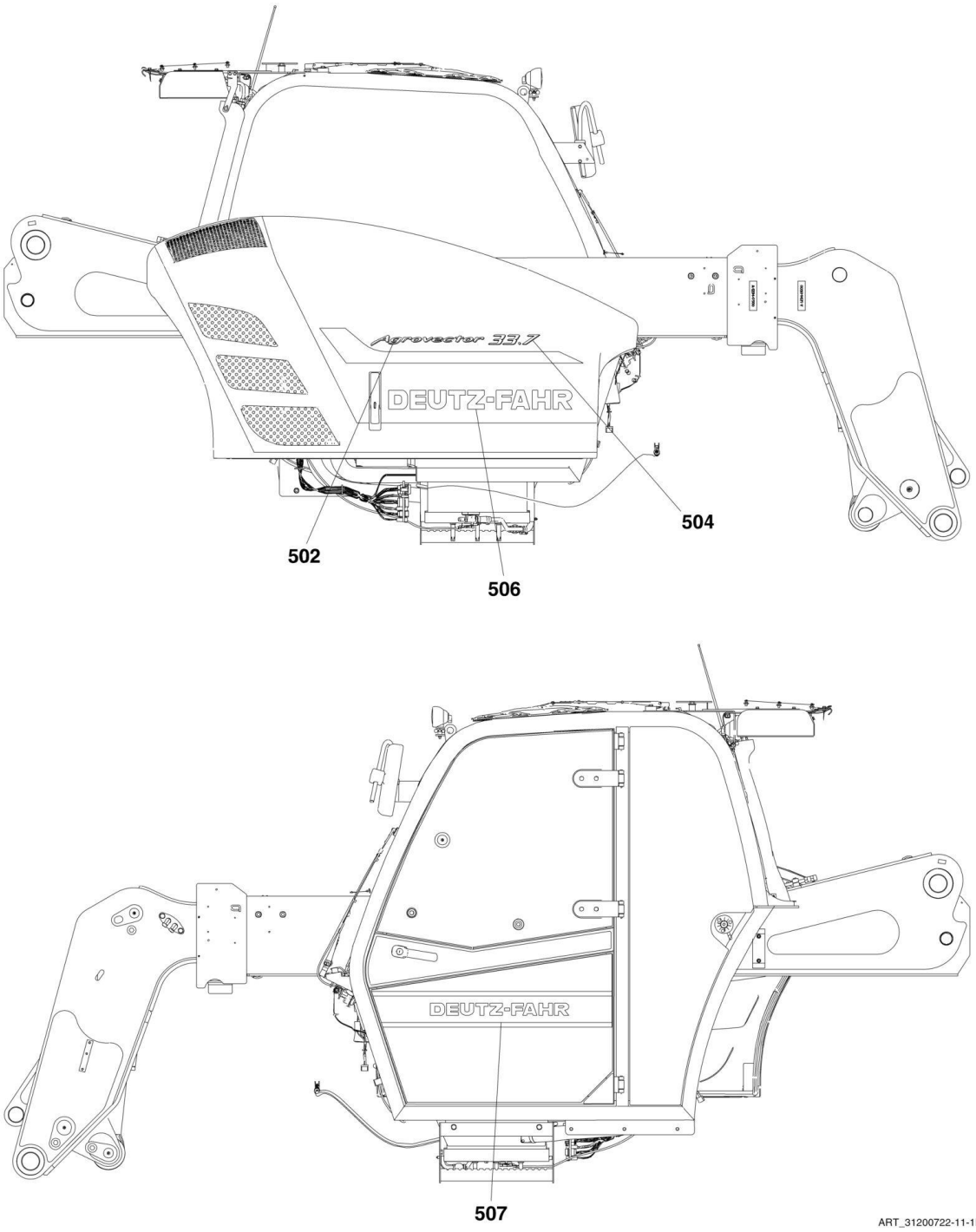
ART_31200722-11-1C

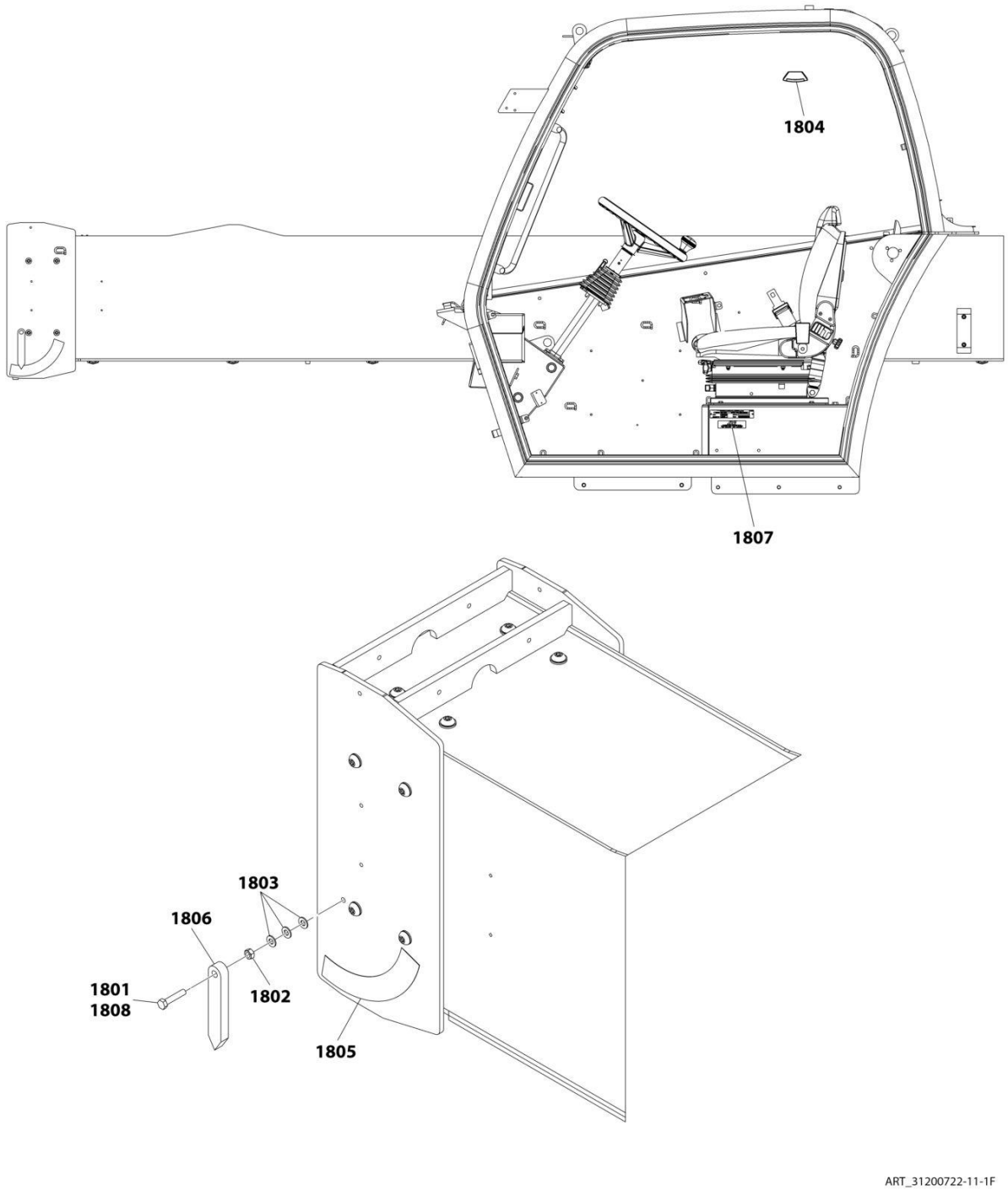
4014PS & 4017PS



SECTION 11 - DECALS

33.7, 37.6 & 37.7





ART_31200722-11-1F

SECTION 11 - DECALS

FIGURE 11-1. CAB AND FRAME DECALS

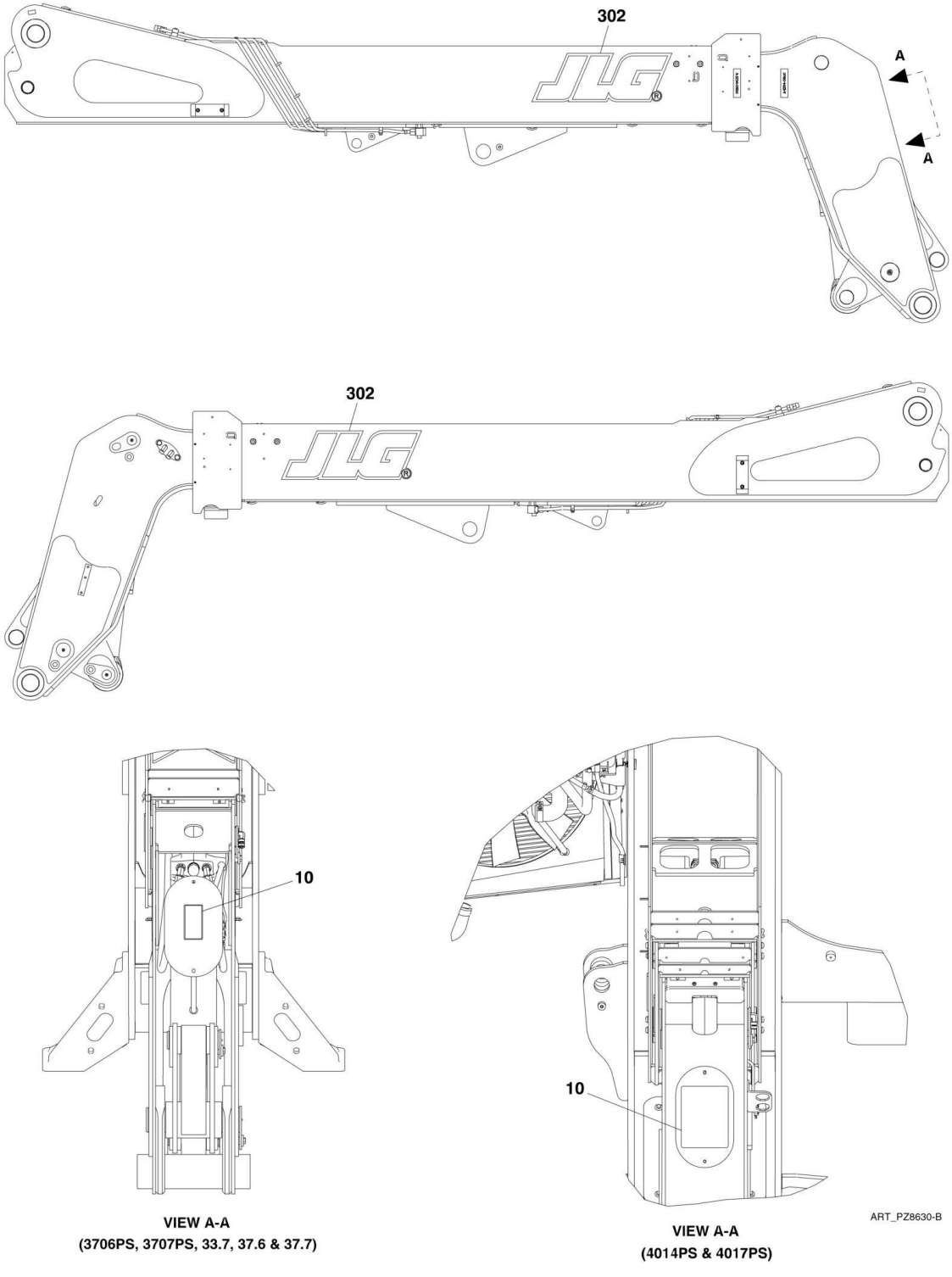
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139649	Ref	CHART LOCATION INSTALLATION (if equipped for ULS) (not available to order, see items 1 thru 24 for service) (33.7,37.6,37.7,3706PS,3707PS)	E
	1001150959	Ref	CHART LOCATION INSTALLATION (if equipped for ULS) (not available to order, see items 1 thru 18, 21 thru 24 & 120 for service) (4014PS,4017PS)	D
	1001164471	Ref	CHART LOCATION INSTALLATION (if equipped for LS) (not available to order, see items 1 thru 22 & 24 for service) (33.7,37.6,37.7,3706PS,3707PS)	B
	1001164488	Ref	CHART LOCATION INSTALLATION (if equipped for LS), (not available to order, see items 1 thru 18, 21, 22, 24 & 120 for service) (4014PS,4017PS)	B
1	1706098	1	ETHER WARNING DECAL	
2	1706209	1	PARK BRAKE DECAL	
3	1706285	1	MOVING PARTS DECAL	
4	8005616	2	LIFTING POINT DECAL	
5	8005617	2	TIE DOWN POINT DECAL	
6	8005670	2	INSTRUCTION/SAFETY DECAL	
7	8005671	2	CYLINDER LOCK WARNING DECAL	
8	8005675	2	RAISED BOOM WARNING DECAL	
9	8005870	1	EMERGENCY EXIT DECAL	
10		Ref	NO RIDERS WARNING DECAL (See BOOM DECALS for Breakdown) (33.7,37.6,37.7,3706PS,3707PS)	
10		Ref	CARRY PERSONNEL DECAL (See BOOM DECALS for Breakdown) (4014PS,4017PS)	
11	8006612	2	STAY CLEAR WARNING DECAL (33.7,37.6,37.7,3706PS,3707PS)	
11	8006612	4	STAY CLEAR WARNING DECAL (4014PS,4017PS)	
12	8008657	4	SET BRAKE LEVER WARNING DECAL	
13	1001009178	4	FASTENER TACKS	
14	1001092878	1	NO RIDERS DECAL	
15	1001094708	1	OIL CHECK DECAL	
16	1001100957	2	TIE DOWN DECAL	
17	1001101895	1	CAB WARNING DECAL	
18	1001156399	1	FUSE DECAL	
20	1001127546	1	LSI PASSIVE WARNING DECAL (33.7,37.6,37.7,3706PS,3707PS)	
21	1001139164	1	BATTERY WARNING DECAL	
22	N.S.S.	1	SERIAL NUMBER PLATE	
23	1001139654	1	ULTRA LOW SULPHUR DECAL	
24	AU2105	1	NO KARCHER DECAL	
120	1001104319	1	GREASING ROLLER DECAL (4014PS,4017PS)	
201	1001135690	1	JOYSTICK DECAL, (LOADER PATTERN)	
201	1001135765	1	JOYSTICK DECAL (LIFT PATTERN) (33.7,37.6,37.7,3706PS,3707PS)	
201	1001167232	1	LOADER JOYSTICK FNR DECAL (LOADER PATTERN) (37.6,37.7,3706PS,3707PS)	
201	1001167233	1	LOADER JOYSTICK DECAL (LIFT PATTERN) (37.6,37.7,3706PS,3707PS)	
202	1001135691	1	LOADER JOYSTICK DECAL (with outriggers) (4014PS,4017PS)	
301	1001121555	1	PCT DECAL, (Russia, EU)	
	1001144460	Ref	JLG DECAL INSTALLATION (not available to order, see items 404 thru 408 for service) (3706PS)	C

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144461	Ref	JLG DECAL INSTALLATION (not available to order, see items 404 thru 408 for service) (3707PS)	C
	1001144463	Ref	JLG DECAL INSTALLATION (not available to order, see items 404 thru 408 for service) (4014PS)	C
	1001144466	Ref	JLG DECAL INSTALLATION (not available to order, see items 404 thru 408 for service) (4017PS)	C
404	1001158217	2	JLG DECAL - MODEL (3706PS)	
404	1001158218	2	JLG DECAL - MODEL (3707PS)	
404	1001158219	2	JLG DECAL - MODEL (4014PS)	
404	1001158220	2	JLG DECAL - MODEL (4017PS)	
405	1001160775	1	JLG DECAL - 5INCH (3706PS,3707PS,4014PS,4017PS)	
407	1001160925	1	JLG DECAL - 6-1/4INCH (3706PS,3707PS,4014PS,4017PS)	
406	1001160820	2	JLG DECAL - 7INCH (3706PS,3707PS)	
406	1001159323	2	JLG DECAL - 8INCH (4014PS,4017PS)	
408	1001165280	1	GROUND SUPPORT DECAL (3706PS,3707PS,4014PS,4017PS)	
502	1001152401	1	SDF LOGO DECAL	
506	1001152402	1	SDF DEUTZ-FAHR HOOD, DECAL	
507	1001152405	1	SDF DEUTZ-FAHR DOOR, DECAL	
601	1001147090	1	METRIC LOAD CHART (3706PS)	C
601	1001147047	1	METRIC LOAD CHART (3707PS)	C
601	1001147048	1	METRIC LOAD CHART (4014PS)	E
601	1001155795	1	METRIC LOAD CHART (AUS) (4014PS)	C
601	1001147049	1	METRIC LOAD CHART (4017PS)	D
601	1001156045	1	METRIC LOAD CHART (AUS) (4017PS)	C
601	1001174719	1	METRIC LOAD CHART (if equipped with Manitou Coupler) (4014PS)	A
601	1001174720	1	METRIC LOAD CHART (if equipped with Manitou Coupler) (4017PS)	A
701	3700015	2	REFLECTOR (33.7,37.6,37.7,3706PS,3707PS)	
702	3700016	6	REFLECTOR	
703	1001009211	2	REFLECTOR (4014PS,4017PS)	
801	2603207	3	SPEED DECAL, 20KPH (Germany) (if equipped) (3706PS,3707PS,4014PS,4017PS)	
803	1001153442	3	SPEED DECAL, 25KPH (France) (if equipped) (4014PS,4017PS)	
801	1706438	3	SPEED DECAL, 30KPH (Germany) (if equipped) (3706PS,3707PS,4014PS,4017PS)	
801	8009377	3	SPEED DECAL, 35KPH (Germany) (if equipped) (4014PS,4017PS)	
801	2999964	3	SPEED DECAL, 40KPH (Germany) (if equipped) (3706PS,3707PS)	
802	1001119218	1	HOMOLOGATION DECAL (Germany) (if equipped)	
	1001165381	Ref	HOMOLOGATION PLATE INSTALLATION (Germany) (if equipped) (includes items 901 & 902) (37.6,37.7,3706PS,3707PS,4014PS,4017PS)	A
	1001166443	Ref	HOMOLOGATION PLATE INSTALLATION (Spain) (if equipped) (includes items 901 & 902) (3706PS,3707PS,4014PS,4017PS)	B
	1001165383	Ref	HOMOLOGATION PLATE INSTALLATION (Belgium) (if equipped) (includes items 901 & 902) (3706PS,3707PS,4014PS,4017PS)	A
901	1001009178	4	FASTENER TACKS	
902	1001138051	1	HOMOLOGATION PLATE	
1001	1705980	1	106dB SOUND PLATE (3706PS,3707PS,4014PS,4017PS)	
1101	1001135692	1	BOOM FLOAT DECAL (if equipped) (37.6,37.7,3706PS,3707PS)	
1212	1001119218	1	BOOM HEIGHT DECAL (Germany - if equipped)	
1301	1001139562	1	SDF CAB DECAL	
	1001154432	Ref	PLATFORM DECAL INSTALLATION (CE, if equipped) (not available to order, see items 1401 thru 1404) (4014PS)	A

SECTION 11 - DECALS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155582	Ref	PLATFORM DECAL INSTALLATION (AUS, if equipped) (not available to order, see items 1401 thru 1404) (4014PS)	A
	1001154433	Ref	PLATFORM DECAL INSTALLATION (CE, if equipped) (not available to order, see items 1401 thru 1404) (4017PS)	A
	1001155583	Ref	PLATFORM DECAL INSTALLATION (AUS, if equipped) (not available to order, see items 1401 thru 1404) (4017PS)	A
1401	1001102837	1	PLATFORM IGNITION SWITCH DECAL	
1402	1001104909	1	EMERGENCY DECENT DECAL	
1403	1001154442	1	FIXED PLATFORM LOAD CHART (CE) (4014PS)	
1403	1001155530	1	FIXED PLATFORM LOAD CHART (AUS) (4014PS)	
1403	1001154444	1	FIXED PLATFORM LOAD CHART (CE) (4017PS)	
1403	1001155532	1	FIXED PLATFORM LOAD CHART (AUS) (4017PS)	
1404	1001154443	1	EXTENDED PLATFORM LOAD CHART (CE) (4014PS)	
1404	1001155531	1	EXTENDED PLATFORM LOAD CHART (AUS) (4014PS)	
1404	1001154445	1	EXTENDED PLATFORM LOAD CHART (CE) (4017PS)	
1404	1001155533	1	EXTENDED PLATFORM LOAD CHART (AUS) (4017PS)	
	1001173936	Ref	EAC DECAL, INSTALLATION, (includes item 1601)	A
1601	1001173703	1	EAC DECAL	
1701	1001127735	1	BOOM POSITION DECAL (if equipped) (for homologation machines) (3706PS,3707PS)	
1701	1001156308	1	BOOM POSITION DECAL (if equipped) (for homologation machines) (4014PS)	
1701	1001126676	1	BOOM POSITION DECAL (if equipped) (for homologation machines) (4017PS)	
	1001155252	Ref	HOMOLOGATION INSTALLATION (AUS, if equipped) (see items 1801 thru 1808 for service) (4014PS)	A
	1001164828	Ref	HOMOLOGATION INSTALLATION (AUS, if equipped) (see items 1801,1804 thru 1808 for service) (4017PS)	A
1801	0700816	1	HEX HD CAPSCREW, M8x40, GR8.8 (AUS) (4014PS)	
1801	0630585	1	SHOULDER BOLT (AUS) (4017PS)	
1802	3290801	1	HEX NUT, M8X1-1/4	
1803	4811900	3	WASHER, 8mm	
1804	8466306	1	TILT ANGLE, GAGE	
1805	1001094171	1	DECAL, BOOM ANGLE INDICATOR	
1806	1001094172	1	PENDULUM, BOOM ANGLE INDICATOR	
1807	1001155230	1	DECAL, CAB AUS SAFETY	
1808	1001095650	1	LOCTITE 243	

FIGURE 11-2. BOOM DECALS



VIEW A-A
(3706PS, 3707PS, 33.7, 37.6 & 37.7)

VIEW A-A
(4014PS & 4017PS)

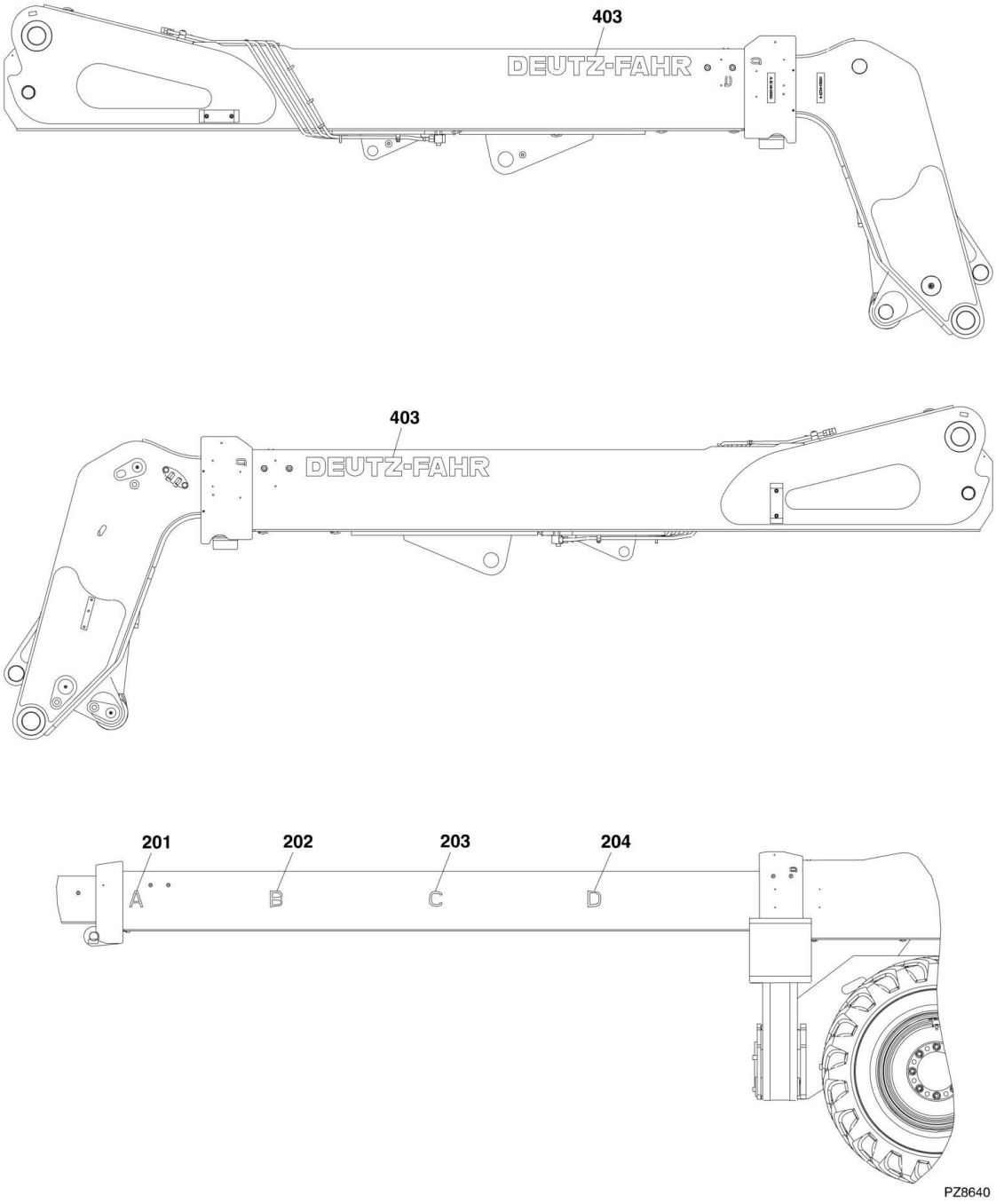

403
DEUTZ-FAHR
403
DEUTZ-FAHR
201
202
203
204
A
B
C
D
PZ8640

FIGURE 11-2. BOOM DECALS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139649	Ref	CHART LOCATION INSTALLATION (if equipped for ULS) (not available to order, see items 1 thru 24 on CAB AND FRAME DECALS and item 10 on BOOM DECALS for service) (33.7,37.6,37.7,3706PS,3707PS)	E
	1001150959	Ref	CHART LOCATION INSTALLATION (if equipped for ULS) (not available to order, see items 1 thru 19, 21 thru 24 & 120 on CAB AND FRAME DECALS and item 10 on BOOM DECALS for service) (4014PS,4017PS)	D
	1001164471	Ref	CHART LOCATION INSTALLATION (if equipped for LS) (not available to order, see items 1 thru 22 & 24 on CAB AND FRAME DECALS and item 10 on BOOM DECALS for service) (33.7,37.6,37.7,3706PS,3707PS)	B
	1001164488	Ref	CHART LOCATION INSTALLATION (if equipped for LS) (not available to order, see items 1 thru 18, 21, 22, 24 & 120 on CAB AND FRAME DECALS and item 10 on BOOM DECALS for service) (4014PS,4017PS)	B
10	8006038	1	NO RIDERS WARNING DECAL (33.7,37.6,37.7,3706PS,3707PS)	
10	1706282	1	CARRY PERSONNEL DECAL (4014PS,4017PS)	
	1001171783	Ref	BOOM DECALS INSTALLATION (not available to order, see items 201 thru 203 for service) (37.6,37.7,3706PS,3707PS)	A
	1001171798	Ref	BOOM DECALS INSTALLATION (not available to order, see items 201 thru 204 for service) (4014PS,4017PS)	A
201	1706753	1	"A" DECAL	
202	1706754	1	"B" DECAL	
203	1706755	1	"C" DECAL	
204	1706756	1	"D" DECAL (4014PS,4017PS)	
302	8008629	2	JLG DECAL (3706PS,3707PS,4014PS,4017PS)	

FIGURE 11-3. CAPACITY CHART – VOLVO ADAPTER

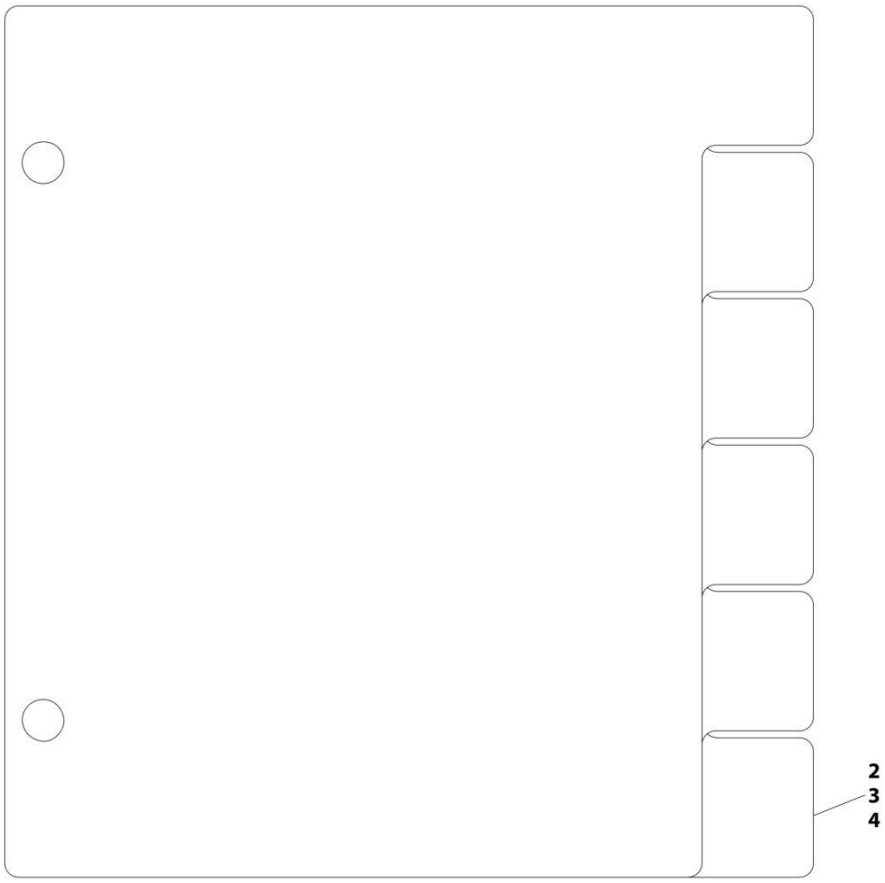
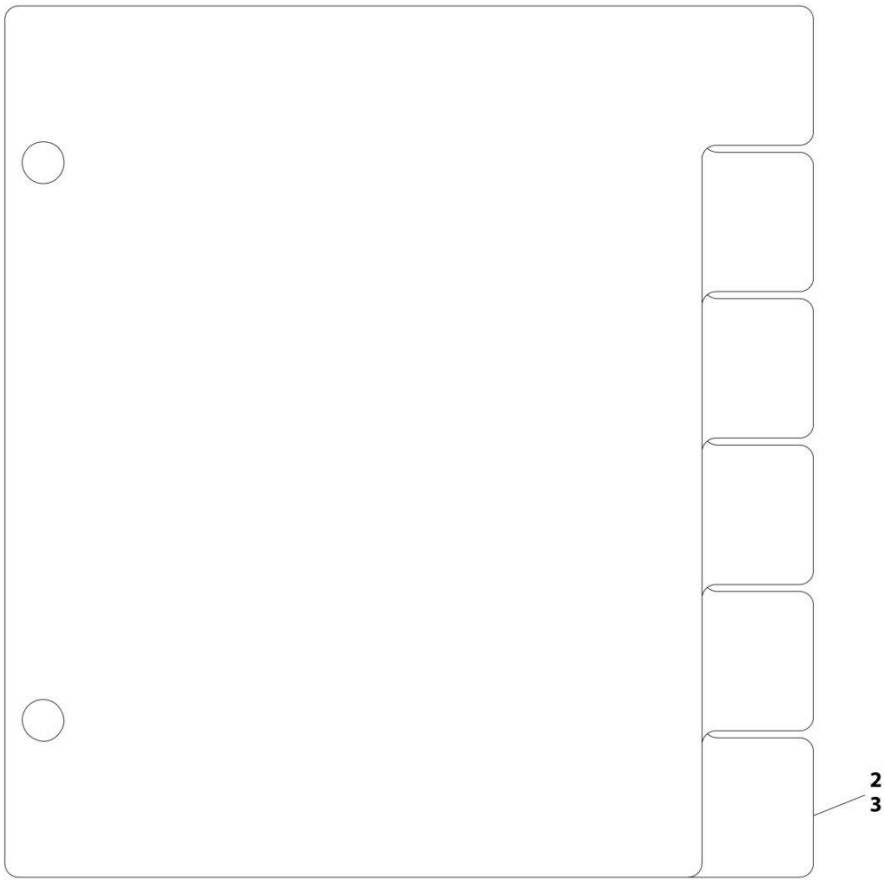


FIGURE 11-3. CAPACITY CHART – VOLVO ADAPTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173159	1	VOLVO ADAPTER INSTALLATION, METRIC (AUS) (includes items 1 & 4) (4014PS)	A
	1001173160	1	VOLVO ADAPTER INSTALLATION, METRIC (AUS) (includes items 1 & 4) (4017PS)	A
	1001173150	1	VOLVO ADAPTER INSTALLATION, METRIC (CE) (includes items 1 & 2) (3706PS)	A
	1001173151	1	VOLVO ADAPTER INSTALLATION (CE) (includes items 1 & 2) (3707PS)	A
	1001173154	1	VOLVO ADAPTER INSTALLATION (CE) (includes items 1 & 3) (4014PS)	A
	1001173155	1	VOLVO ADAPTER INSTALLATION (Germany) (includes items 1 & 3) (4014PS)	A
	1001173156	1	VOLVO ADAPTER INSTALLATION (CE) (includes items 1 & 3) (4017PS)	A
1		Ref	CARRIAGE, VOLVO ADAPTER, METRIC, (not shown), (See ATTACHMENTS for Breakdown)	
2	1001171061	1	CHART, CAPACITY, WITHOUT STABILIZERS, METRIC (AUS) (4014PS)	
2	1001171063	1	CHART, CAPACITY, WITHOUT STABILIZERS, METRIC (AUS) (4017PS)	
2	1001171049	1	CHART, CAPACITY, METRIC (CE) (3706PS)	
2	1001171050	1	CHART, CAPACITY, METRIC (CE) (3707PS)	
2	1001171053	1	CHART, CAPACITY, METRIC (CE) (4014PS)	
2	1001171055	1	CHART, CAPACITY, METRIC (Germany) (4014PS)	
2	1001171057	1	CHART, CAPACITY, METRIC (CE) (4017PS)	
3	1001171062	1	CHART, CAPACITY, WITH STABILIZERS, METRIC (AUS) (4014PS)	
3	1001171064	1	CHART, CAPACITY, WITH STABILIZERS, METRIC (AUS) (4017PS)	
3	1001171054	1	CHART, CAPACITY, WITH STABILIZERS, METRIC (CE) (4014PS)	
3	1001171056	1	CHART, CAPACITY, WITH STABILIZERS, METRIC (Germany) (4014PS)	
3	1001171058	1	CHART, CAPACITY, WITH STABILIZERS, METRIC (CE) (4017PS)	
4	1001174575	1	CHART, COVER, METRIC (AUS) (4014PS)	
4	1001174576	1	CHART, COVER, METRIC (AUS) (4017PS)	

FIGURE 11-4. CAPACITY CHART – FEM ADAPTER



ART_31200722-11-4

FIGURE 11-4. CAPACITY CHART – FEM ADAPTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172675	1	FEM ADAPTER INSTALLATION (includes item 1 & 2) (3706PS)	A
	1001172678	1	FEM ADAPTER INSTALLATION (includes item 1 & 2) (3707PS)	A
	1001172681	1	FEM ADAPTER INSTALLATION (includes item 1 & 3) (4014PS)	A
	1001172683	1	FEM ADAPTER INSTALLATION (AUS) (includes item 1 & 3) (4014PS)	A
	1001172685	1	FEM ADAPTER INSTALLATION (Germany) (includes item 1 & 3) (4014PS)	A
	1001172687	1	FEM ADAPTER INSTALLATION (includes item 1 & 3) (4017PS)	A
	1001172689	1	FEM ADAPTER INSTALLATION (AUS), (includes item 1 & 3) (4017PS)	A
1		Ref	CARRIAGE, FEM ADAPTER, (not shown), (See ATTACHMENTS for Breakdown)	
2	1001171516	1	CHART, CAPACITY, METRIC (3706PS)	
2	1001171519	1	CHART, CAPACITY, METRIC (3707PS)	
2	1001171523	1	CHART, CAPACITY, METRIC (4014PS)	
2	1001174031	1	CHART, CAPACITY, METRIC (AUS) (4014PS)	
2	1001171526	1	CHART, CAPACITY, METRIC (AUS) (4014PS)	
2	1001171528	1	CHART, CAPACITY, METRIC (Germany) (4014PS)	
2	1001171530	1	CHART, CAPACITY, METRIC (4017PS)	
2	1001173159	1	CHART, CAPACITY, METRIC (AUS) (4017PS)	
2	1001171532	1	CHART, CAPACITY, METRIC (AUS (4017PS)	
3	1001171525	1	CHART, CAPACITY, WITH STABILIZERS, METRIC (4014PS)	
3	1001171527	1	CHART, CAPACITY, WITH STABILIZERS, METRIC (AUS) (4014PS)	
3	1001171529	1	CHART, CAPACITY, WITH STABILIZERS, METRIC (Germany) (4014PS)	
3	1001171531	1	CHART, CAPACITY, WITH STABILIZERS, METRIC (4017PS)	
3	1001171533	1	CHART, CAPACITY, WITH STABILIZERS, METRIC (AUS) (4017PS)	

SECTION 12 - RECOMMENDED SPARE PARTS

SECTION 12 - RECOMMENDED SPARE PARTS

FIGURE 12-1. RECOMMENDED SPARE PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	Note	Ref	**Note: The following list will service fleets of machines (built to current production per date on the front cover) with repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department.**	
		Ref	**Boom**	
	1001144819	2	Hose Assembly (37.6,3706PS)	
	1001144834	2	Hose Assembly (33.7,37.7,3707PS)	
	1001144559	1	Twin Hose Assembly (4014PS)	
	1001144897	1	Hose Assembly (4017PS)	
	1001144903	1	Hose Assembly (4017PS)	
	1001144553	1	Twin Hose Assembly (37.6,3706PS)	
	1001144555	1	Twin Hose Assembly (33.7,37.7,3707PS)	
	1001144561	2	Twin Hose Assembly (4014PS)	
	1001115564	2	Twin Hose Assembly (4017PS)	
	1001003132	1	Resilient Pad (37.6,3706PS)	
	4700021	10	Wear Pad (33.7,37.6,37.7,3706PS,3707PS,4017PS)	
	8010148	4	Wear Pad (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
	1001002261	2	Wear Pad (33.7,37.6,37.7,3706PS,3707PS)	
	1001096320	8	Wear Pad (4014PS)	
	1001096322	5	Wear Pad (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
	8002200	42	Wear Pad	
	8002201	4	Wear Pad (4017PS)	
	1001111747	2	Wear Pad (4017PS)	
	1001120545	1	Wear Pad (33.7,37.6,37.7,3706PS,3707PS)	
	1001120555	1	Wear Pad (33.7,37.6,37.7,3706PS,3707PS)	
	4700047	4	Wear Pad (4014PS,4017PS)	
	4700030	1	Wear Pad (4017PS)	
	4700031	1	Wear Pad (4017PS)	
	4700032	4	Wear Pad (4017PS)	
	1001093784	4	Wear Pad (4017PS)	
	8003243	5	Spacer (33.7,37.6,37.7,3706PS,3707PS)	
	1001003030	AR	Spacer (4014PS)	
	1001003031	AR	Spacer (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
	1001097302	AR	Spacer (4014PS)	
	1001097303	AR	Spacer (4014PS)	
	8002904	AR	Spacer (4017PS)	
	1001120556	2	Spacer (33.7,37.6,37.7,3706PS,3707PS)	
	1001128328	AR	Spacer (4014PS)	
	4071108	AR	Spacer (4017PS)	
	4071109	AR	Spacer (4017PS)	
	8002637	AR	Spacer (4017PS)	
	8003242	AR	Spacer (4017PS)	
	4071105	AR	Spacer (4017PS)	
	4071106	AR	Spacer (4017PS)	
	8009987	AR	Shim, 50X160X2.0mm (33.7,37.6,37.7,3706PS,3707PS)	
	8008634	AR	Shim, 0.5X50X200mm (33.7,37.6,37.7,3706PS,3707PS)	
	8008640	AR	Shim, 0.5X50X200mm (33.7,37.6,37.7,3706PS,3707PS)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4071110	AR	Shim, 3X50X200mm (4017PS)	
	8008070	AR	Shim, 2X50X200mm (4017PS)	
	1001120604	AR	Shim, 0.5X70X250mm (33.7,37.6,37.7,3706PS,3707PS)	
	1001104463	AR	Shim, 0.75X31X200mm (4014PS)	
	4071085	AR	Shim, 2X70X200mm (4017PS)	
	4071093	AR	Shim, 4X50X200mm (4017PS)	
	4071098	AR	Shim, 3X70X200mm (4017PS)	
	4071099	AR	Shim, 2X60X200mm (4017PS)	
	4071104	AR	Shim, 4X70X200mm (4017PS)	
	4071107	AR	Shim, 1X60X200mm (4017PS)	
	4071087	AR	Shim, 4X50X200mm (4017PS)	
	1001132895	2	Quick Attach Pivot Pin (33.7,37.6,37.7,3706PS,3707PS)	
	1001132898	2	Quick Attach Pin (33.7,37.6,37.7,3706PS,3707PS)	
		Ref	**Engine**	
	70025153	1	Fuel Filter Element, Primary	
	70024963	1	Spin On Fuel Filter Element, Secondary	
	7016331	1	Oil Filter, (if equipped for LS)	
	70025537	1	Dipstick	
	1001142658	1	Fuel Cap	
	1001148542	1	Fan	
	1101312	1	Air Cleaner Primary Filter Element	
	1101313	1	Air Cleaner Secondary Filter Element	
	70025478	1	V-Belt	
		Ref	**Drive Train**	
	1001131940	1	Joystick Assy	
	70024466	1	Transmission Oil Filter	
	8005079	8	Universal Clampset	
	1001004210	32	Hex Nut (33.7,37.6,37.7,3706PS,3707PS,4014PS)	
	3300479	40	Wheel Nut, M22X1.5 (4017PS)	
		Ref	**Hydraulic System**	
	70020442	1	Lift Cylinder Seal Kit (37.6,3706PS)	
	70020447	1	Lift Cylinder Seal Ki (33.7,37.7,3707PS)	
	70020453	1	Lift Cylinder Seal Kit (4014PS)	
	70020458	1	Lift Cylinder Seal Kit (4017PS)	
	70023921	1	Extend/Retract Cylinder Seal Kit (33.7,37.6,37.7,3706PS,3707PS)	
	70020525	1	Extend/Retract Cylinder Seal Kit (4014PS)	
	70023095	1	Extend/Retract Cylinder Seal Kit (4017PS)	
	70020583	1	Tilt Cylinder Seal Kit (37.6,3706PS)	
	70020588	1	Tilt Cylinder Seal Kit (33.7,37.7,3707PS)	
	70020593	1	Tilt Cylinder Seal Kit (4014PS,4017PS)	
	70020603	1	Tilt Compensating Cylinder Seal Kit (33.7,37.6,37.7,3706PS,3707PS)	
	70021862	1	Tilt Compensating Cylinder Seal Kit (4014PS,4017PS)	
	70020466	1	Frame Level Cylinder Seal Kit (4014PS)	
	70020470	1	Frame Level Cylinder Seal Kit (4017PS)	
	70020477	1	Outrigger Cylinder Seal Kit (4014PS)	
	70020482	1	Outrigger Cylinder Seal Kit (4017PS)	
	70024168	1	Quick Attach Cylinder Seal Kit	
	70024410	1	Piston Pump Seal Kit	
	1001142659	1	Hydraulic Tank Fill Cap	
	70021834	2	Hydraulic Tank Sight Gauge	
	1001009247	1	Hydraulic Tank Filter	

SECTION 12 - RECOMMENDED SPARE PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**Electrical**	
	1001009339	1	12-V Battery	
	70020795	1	Dome Light Replacement Bulb, (if equipped)	
	1001101808	1	Back-up Alarm	
	1001003596	1	Horn	
	70020796	6	Replacement Bulb	
	7029969	2	Replacement Bulb	
	7029970	2	Replacement Bulb	
	7029971	4	Replacement Bulb	
	70021340	2	Replacement Bulb	
	70021341	2	Replacement Bulb	
		Ref	**Miscellaneous**	
	1001142724	1	Convex Mirror	
	1001142726	1	Convex Mirror	
	1001143339	1	Convex Mirror	
	1001150306	1	Rear View Mirror (4017PS)	
	1001005981	1	Mirror (if equipped) (33.7,37.6,37.7,3706PS,3707PS)	
	1001142726	1	Cab Mirror	
	1001090336	2	Front Wiper Blade	
	1001090337	2	Rear Wiper Blade	
	1001090338	1	Roof Wiper Blade	
	70021220	1	Replacement Key (33.7,3706PS,3707PS,4014PS,4017PS)	
	31200753	1	Operation and Safety Manual (3706PS,3707PS,4014PS,4017PS)	
	31200800	1	Service Manual	

PART NUMBER INDEX

SECTION 12 - RECOMMENDED SPARE PARTS

0100009.....131
0100011..51, 97, 99, 117, 122, 127, 385, 441
0100019.....19, 193
0100020.....372
0100048.....117, 122, 131
0100081.....51, 131
0100089.....544
0140011.....131
0240063.....149
0240110.....149
0240143.....105
0240158.....147
0440296.....75, 79
0440298.....75
0498748.....359
0630568.....132
0630576.....25
0630585.....127, 680
0630609.....461
0641404.....131
0641414.....124, 131
0641415.....132
0641606.....117
0700408.....351
0700507.....173
0700608.....174
0700610.....39, 117, 122
0700612.....257, 433
0700614.....433, 439, 449, 627
0700615.....117, 122, 437, 445, 627
0700616.....45, 470, 531, 637
0700617.....433, 439, 449
0700618.....49, 119, 381, 433, 437
0700619.....30, 117, 122
0700620.....127, 540
0700621.....541
0700810.....185
0700814.....637
0700815.....183, 359
0700816.....442, 451, 680
0700817.....433, 441, 451
0700818.....461
0700819.....122
0700822.....174
0700824.....401, 404
0700825.....437
0700827.....105
0701013.....461, 517
0701014.....174, 455, 459, 465
0701015.....385
0701016.....400
0701018.....45, 403
0701028.....495
0701029.....107, 109, 468, 499
0701215.....161
0701217.....105
0701219.....127
0701234.....83, 87, 89, 101
0701617.....161
0701620.....35, 37, 39, 377
0701629.....161
0701631.....18
0701634.....18
0711015.....377
0711030.....377
0711214.....117, 122
0711220.....122
0711234.....91, 93, 95, 97, 99
0711624.....33, 117, 122
0712026.....193
0712029.....18, 351
0712030.....17
0712031.....193
0712032.....17, 52
0721006.....131
0760405.....351
0760408.....365
0760508.....127, 540
0760605.....45, 81, 83, 101
0760606.....185, 189, 357, 637
0760607.....183, 185, 189, 455, 465, 531, 548, 643
0760608.....30, 49, 51, 117, 178, 179, 351, 376, 377, 456, 459, 465, 627
0760610.....377, 540, 544, 627
0760612.....45, 178, 257, 637
0760613.....550
0760614.....19, 352, 357, 548
0760618.....545
0760805.....455, 459, 461
0760806.....73, 540
0760807.....122, 437, 445
0760808.....52, 83, 87, 89, 91, 101, 179, 359, 365, 372, 376, 531, 548
0760810.....17, 18, 24, 27, 30, 89, 101, 119, 124, 179, 185, 189, 351, 357, 376, 400, 403, 409, 451, 456, 459, 461, 465, 540, 541, 548
0760812.....18, 19, 24, 25, 46, 49, 127, 178, 179, 180, 257, 372, 376, 378, 409
0760814.....19, 24, 122, 127, 180, 185
0760815.....61
0760818.....435, 439, 441
0760820.....117, 122
0761006.....404
0761007.....45, 46, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 425, 429, 477, 479, 481, 489, 491, 493, 495
0761008.....24, 27, 427, 445, 468, 497, 499
0761009.....24, 549
0761010.....20, 25, 49, 65, 69, 71, 81, 85, 128, 161, 178, 179, 373, 377, 381, 408, 413, 439, 441, 470, 548, 549
0761011.....69, 178, 180, 185, 189
0761012.....18, 24, 65, 69, 71, 117, 122, 178, 180, 183, 189, 351, 372, 378, 391, 401, 439, 558
0761014.....18, 24, 59, 65, 127, 173, 178, 185, 373, 558, 561
0761015.....51, 59, 65, 69, 117, 122, 127, 161, 173, 373
0761016.....51, 69, 351, 517
0761210.....65, 69, 71, 75, 79, 495, 643
0761212.....65, 69, 71, 400, 403, 540, 541
0761214.....19, 59, 63, 65, 69, 111, 122, 128, 185, 441
0761215.....69
0761216.....105
0761218.....51
0761612.....111, 481
0761615.....17, 257, 495
0761616.....161
0761619.....559
0762020.....17
0770812.....369
0781028.....161
0902751.....131
0902894.....122
0902919.....117
0902920.....117
0903342.....637
0903366.....105
0903405.....441
0903412.....122
0930003.....155, 157
0930004.....143
0930015.....141
0930016.....141
0962257.....127
0962450.....117, 122
1001002207J.....57
1001002261.....55, 692
1001002468.....57
1001002489.....483, 485
1001002496.....439
1001002498.....483, 485
1001002503.....27, 468, 499
1001002523.....91, 93, 95, 97, 99
1001002525.....45
1001002530.....493
1001002531.....477
1001002606.....45
1001002620.....479
1001002680.....493
1001002769.....413
1001002778.....558, 559, 561
1001002779.....558, 559, 561
1001002786.....408
1001002787.....437
1001002788.....437
1001002789.....445
1001002790.....445
1001002809.....423, 468
1001002810.....421
1001002815.....483, 485
1001002816.....437
1001002817.....437
1001002818.....437, 445
1001002847.....453, 468
1001002849.....453, 468
1001002852.....173
1001002868.....359
1001002869.....359
1001002870.....356
1001002871.....356
1001002872.....356
1001002873.....356
1001002911.....544
1001002943.....360
1001002944.....359, 360
1001002946.....360
1001002947.....360
1001002948.....360
1001002953.....360
1001002954.....360
1001002955.....360
1001002956.....360
1001002957.....360
1001002958.....356
1001002959.....360
1001002961.....359
1001002962.....359
1001002963.....359
1001002975.....351
1001002976.....351
1001002992.....372
1001002993.....385
1001002996.....357
1001002997.....360
1001003000.....385, 389
1001003011.....357
1001003030.....57, 63, 67, 692
1001003031.....55, 57, 61, 63, 67, 692
1001003043.....356
1001003044.....627
1001003048.....178
1001003064.....141
1001003132.....45, 692
1001003272.....356
1001003273.....356
1001003274.....356
1001003301.....517
1001003305.....378, 540
1001003306.....356
1001003322.....185, 189, 633
1001003334.....266
1001003339.....559
1001003360.....265
1001003391.....559
1001003400.....445, 449
1001003411.....445, 449

1001003427 ..... 174, 517
1001003435 437
1001003439 ..... 400, 403, 413, 468
1001003443 637
1001003470 356
1001003478 473
1001003479 473
1001003485 352
1001003487 559
1001003566 ..... 421, 423, 468
1001003590 400
1001003596 ..... 548, 694
1001003617 ..... 421, 423, 468, 531
1001003647 517
1001003749 356
1001003797 385
1001003803 33
1001003934 ..... 408, 413, 468, 637
1001004121 ..... 453, 468
1001004141 ..... 365, 366, 408, 409, 413, 414, 468, 637
1001004144 61, 173, 178, 439
1001004210 17, 194, 693
1001004617 141
1001004618 141
1001004619 141
1001004639 499
1001004720 ..... 445, 449, 561, 643
1001004723 ..... 173, 401, 404, 540
1001004771 265
1001004904J 18
1001005045J 18
1001005134 33
1001005193 351
1001005207 33
1001005262 ..... 445, 449, 451
1001005267 ..... 33, 41
1001005347 544
1001005368 356
1001005387 25
1001005508 ..... 408, 413, 468
1001005697 561
1001005698 561
1001005699 561
1001005893 461
1001005904 ..... 445, 449, 451, 473
1001005960 363
1001005961 ..... 439, 441
1001005980 19
1001005981 ..... 19, 694
1001006072 179
1001006101 ..... 87, 89
1001006141 105
1001006259 174
1001006329 174
1001006362 ..... 421, 423, 468
1001006370 ..... 408, 413
1001006730 369
1001006814 265
1001006913 389
1001006914 389
1001006954 351
1001006955 351
1001007012 637
1001007215 194
1001007417 385
1001007542 111
1001007591 ..... 385, 389
1001007641 350
1001007846 264
1001008106 389
1001008436 ..... 18, 19
1001008450 ..... 400, 403
1001008459 111
1001008462 193
1001008466 ..... 162, 401, 404
1001008469 39, 356, 540
1001008475 ... 18, 19, 350
1001008506 161
1001008540 541
1001008552 255
1001008559 ..... 401, 405, 540, 544, 643
1001008571 544
1001008586 381
1001008593 548
1001008604 350
1001008609 ..... 174, 372, 401, 404, 408, 409, 410, 413, 414, 637
1001008626 441
1001008635 ..... 401, 404
1001008657 ..... 408, 413
1001008665 141
1001008666 ..... 357, 369
1001008667 179
1001008673 ..... 401, 404
1001008688 559
1001008719 266
1001008720 ..... 372, 409, 414
1001008721 178
1001008730 ..... 385, 389
1001008741 173
1001008742 365
1001008747 435
1001008761 ..... 400, 421
1001008773 ..... 381, 549, 637, 643
1001008784 ..... 87, 89
1001008796 356
1001008800 356
1001008804 381
1001008805 ..... 427, 433, 437, 439, 442, 445, 449, 451
1001008845 ..... 249, 251
1001008857 ..... 356, 360
1001008922 ..... 442, 451
1001008923 ..... 456, 465, 548, 555, 627
1001008926 541
1001008928 356
1001008944 356
1001008948 .... 27, 45, 46, 49, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 468, 477, 479, 481, 489, 491, 493, 495, 497, 499
1001008997 544
1001009038 ..... 17, 548
1001009062 ..... 18, 19
1001009092 ..... 372, 549
1001009094 ..... 33, 561
1001009095 33
1001009097 389
1001009102 561
1001009104 ..... 385, 389
1001009105 141
1001009120 389
1001009124 ..... 350, 433, 439, 449
1001009133 385
1001009136 356
1001009146 ..... 18, 194
1001009154 183
1001009162 357
1001009163 ..... 179, 401, 405
1001009178 ..... 678, 679
1001009207 ..... 173, 180, 408, 413
1001009211 679
1001009219 385
1001009220 385
1001009247 ..... 409, 414, 693
1001009250 255
1001009325 .... 55, 57, 61, 63, 67
1001009326 ... 63, 67, 449
1001009339 ..... 541, 694
1001009365 ..... 255, 389
1001009388 356
1001010646 369
1001010647 369
1001010648 369
1001010649 369
1001010650 369
1001010838 ..... 18, 19
1001010839 351
1001016799 255
1001017166 255
1001025749 ..... 540, 541
1001025751 540
1001026104 439
1001027047 255
1001028308 ..... 453, 469
1001045589 255
1001058688 255
1001059362 ..... 408, 413, 517
1001060417 251
1001060439 255
1001061256 251
1001061257 251
1001061258 251
1001061259 251
1001063175 25
1001063407 255
1001063420 255
1001063529 351
1001090103 ..... 455, 465
1001090150 ... 45, 49, 61, 67, 71
1001090155 548
1001090157 555
1001090159 174
1001090160 517
1001090205 517
1001090219 548
1001090222 548
1001090238 544
1001090239 544
1001090272 350
1001090274 350
1001090301 357
1001090314 174
1001090334 365
1001090335 365
1001090336 ..... 365, 694
1001090337 ..... 365, 694
1001090338 ..... 365, 694
1001090339 365
1001090340 365
1001090341 365
1001090342 365
1001090343 365
1001090347 363
1001090348 363
1001090349 363
1001090393 73
1001090394 77
1001090570 553
1001090582 553
1001090583 553
1001090584 553
1001090590 553
1001090591 553
1001090592 553
1001090594 553
1001090596 553
1001090604 553
1001090605 553
1001090606 553
1001090607 553
1001090610 553
1001090612 553
1001090614 553
1001090626 555
1001090727 591
1001091033 391
1001091037 545
1001091126 17
1001091189 663
1001091193 376
1001091194 376
1001091273 357
1001091313 113
1001091376 372
1001091383 372
1001091416 373

SECTION 12 - RECOMMENDED SPARE PARTS

1001091417.....373
1001091418.....373
1001091419.....373
1001091537.....373
1001091573.....555
1001091581.....51
1001091685.....178, 180
1001091694.....352
1001091715.....558, 559, 561
1001091716.....558, 559, 561
1001091728.....372
1001091750.....545
1001091751.....579
1001091786.....357
1001091787.....357
1001091788.....357
1001091789.....39
1001091871.....372, 376
1001091923.....376
1001091924.....372
1001091951.....517
1001092008.....265
1001092009.....265
1001092048.....587
1001092069.....51
1001092075.....497
1001092088.....372
1001092122.....174
1001092129.....433, 437, 439, 445, 449
1001092164.....193
1001092223.....619
1001092242.....265
1001092256.....517
1001092264.....174
1001092297.....483, 485
1001092298.....45
1001092348.....351
1001092375.....558, 559
1001092420.....553
1001092463.....479
1001092492.....469, 497
1001092494.....481
1001092508.....479
1001092534.....469, 497
1001092535.....73
1001092536.....77
1001092542.....73
1001092543.....77
1001092585.....540
1001092767.....257
1001092859.....257
1001092860.....257
1001092861.....553, 643
1001092878.....678
1001093001J.....20, 25
1001093007J.....20, 25
1001093029J.....20, 25
1001093031J.....25
1001093143J.....25
1001093162.....561
1001093163.....561
1001093179.....561
1001093238.....441
1001093267.....127
1001093278.....127
1001093328.....127
1001093329.....127
1001093371.....378
1001093387.....433, 439, 449
1001093401.....179
1001093774.....127
1001093784.....69, 71, 692
1001093819.....127
1001093820.....127
1001093826.....113, 118, 123, 455, 465
1001093827.....113, 118, 123, 455, 465
1001093875.....550
1001093948.....127
1001094011.....589
1001094140.....372
1001094170.....641, 647
1001094171.....680
1001094172.....680
1001094198.....123
1001094215.....372, 376
1001094225.....363
1001094262.....417, 419, 469
1001094303.....408, 413, 469
1001094312.....359
1001094450.....127
1001094451.....127
1001094498.....400, 470
1001094531.....421
1001094534.....365
1001094541.....365
1001094543.....365
1001094555.....113, 118, 123, 143, 145, 147, 155, 157
1001094556.....113, 118, 123, 143, 145, 147, 155, 157
1001094577.....123
1001094593.....601
1001094611.....141
1001094612.....141
1001094615.....141
1001094616.....141
1001094632.....373
1001094658.....356
1001094659.....356
1001094700.....351
1001094701.....351
1001094704.....561
1001094708.....678
1001094709.....561
1001094726.....423, 469
1001094743.....404
1001094853.....127
1001094854.....127
1001094867.....127
1001094976.....30
1001095136.....118, 123
1001095301.....173
1001095400.....495
1001095650.....17, 18, 19, 24, 25, 27, 30, 33, 35, 37, 39, 45, 46, 49, 52, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 119, 124, 161, 173, 178, 179, 180, 183, 185, 186, 189, 257, 260, 351, 352, 357, 359, 360, 365, 369, 372, 373, 376, 377, 381, 391, 400, 401, 403, 404, 405, 408, 409, 413, 414, 417, 419, 425, 427, 429, 433, 435, 437, 439, 441, 442, 445, 451, 453, 455, 459, 461, 465, 469, 477, 479, 481, 489, 493, 495, 497, 499, 517, 541, 544, 548, 549, 550, 555, 558, 559, 627, 633, 637, 643, 680
1001095681.....527
1001095804.....553
1001095974J.....20, 25
1001096059.....119, 124
1001096169.....373
1001096209.....127
1001096320.....57, 63, 67, 692
1001096322.....55, 57, 61, 692
1001096357.....132
1001096358.....131
1001096359.....131
1001096360.....665
1001096361.....131
1001096365.....359, 360
1001096465.....356
1001096466.....356
1001096470.....356
1001096471.....356
1001096517.....359
1001096563.....365
1001096565.....365
1001096629.....131
1001096634.....351
1001096659.....372
1001096669.....391
1001096726.....45
1001096870.....45
1001096913.....558, 559
1001096914.....17, 18
1001096930.....45
1001096953.....561
1001097076.....131
1001097127.....45, 489
1001097141.....91, 93, 95, 97, 99
1001097156.....489
1001097287.....143, 157
1001097289.....439, 441
1001097290.....439, 441
1001097302.....57, 63, 692
1001097303.....57, 63, 692
1001097342.....19
1001097345.....385
1001097371.....73
1001097381.....413
1001097391.....439
1001097481.....118, 123
1001097499J.....25
1001097524.....30
1001097538.....363
1001097540.....359, 363, 544
1001097560.....491
1001097661.....91
1001097662.....91
1001097663.....91
1001097664.....91
1001097666.....91
1001097686.....387
1001097715.....544
1001097734.....118
1001097902.....439
1001097903.....439
1001097904.....449
1001097905.....449
1001097979.....18
1001098106BL.....17
1001098123.....433, 441, 451
1001098128.....433, 439, 441, 451
1001098146.....46, 49, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101
1001098147.....46, 49, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101
1001098150.....363
1001098151.....544
1001098153.....529
1001098386.....445, 449
1001098457.....45, 71, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 389, 489
1001098458.....33
1001098524.....493
1001098577.....477
1001098629.....35
1001098630.....35
1001098631.....37
1001098632.....37
1001098636.....37
1001098827.....118, 123
1001098828.....118
1001099028.....30
1001099030.....423, 469
1001099066.....357
1001099120.....519
1001099166.....73
1001099169.....357
1001099204.....265
1001099267.....161, 409
1001099268.....161, 409
1001099269.....408, 409, 413, 414

1001099349 549
1001099540 127
1001099562 119
1001099563 124
1001099577 127
1001099641 127
1001099685 127
1001099701 541
1001099717 550
1001099751 ..... 118, 123
1001099866 118
1001099913 ..... 469, 499
1001100060 421
1001100075 441
1001100088 548
1001100089 548
1001100108 ..... 400, 403, 469
1001100154 46
1001100212 49
1001100262 105
1001100319 17, 372, 401, 404, 408, 409, 413, 414, 425, 427, 429
1001100320 ..... 408, 413, 429
1001100379 ..... 453, 469
1001100380 427
1001100442 45
1001100614 549
1001100651 265
1001100652 549
1001100653 548
1001100711 131
1001100845 257
1001100862 357
1001100911 111
1001100957 678
1001101002 437
1001101003 437
1001101004 445
1001101005 445
1001101012 391
1001101041 39, 445, 449, 451, 455, 465, 473
1001101042 39, 445, 449, 451, 455, 465, 473
1001101063 427
1001101064 427
1001101121 128
1001101140 260
1001101141 260
1001101142 260
1001101145 ..... 549, 550
1001101229 611
1001101257 ..... 400, 421
1001101274 19
1001101291 19
1001101326 91
1001101355 91
1001101356 91
1001101425 91
1001101442 149
1001101454 359
1001101458 19
1001101483 95
1001101485 97
1001101539 85
1001101551 260
1001101552 260
1001101553 260
1001101554 260
1001101555 260
1001101556 260
1001101557 260
1001101558 260
1001101559 260
1001101560 260
1001101561 260
1001101563 260
1001101584 91
1001101586 91
1001101587 91
1001101590 91
1001101628 19
1001101632 45
1001101633 45
1001101674 45
1001101694 45
1001101695 46
1001101702 381
1001101732 19
1001101746 19
1001101755 19
1001101756 19
1001101791 357
1001101808 ..... 549, 694
1001101855 627
1001101895 678
1001101954 627
1001102080 627
1001102403 637
1001102406 637
1001102453 641
1001102545 550
1001102571 ..... 638, 643
1001102627 550
1001102633 627
1001102739 427
1001102830 19
1001102837 680
1001102866 363
1001102916 35
1001102917 35
1001102918 37
1001102919 37
1001102920 35
1001102939 95
1001102941 99
1001103012 579
1001103109 643
1001103155 97
1001103156 ..... 549, 550
1001103157 97
1001103192 ..... 93, 95
1001103193 ..... 93, 95
1001103194 ..... 93, 95
1001103195 ..... 93, 95
1001103196 ..... 93, 95
1001103198 95
1001103199 95
1001103200 95
1001103202 95
1001103203 95
1001103204 95
1001103205 95
1001103206 95
1001103207 95
1001103208 95
1001103209 95
1001103217 128
1001103230 95
1001103231 95
1001103249 637
1001103262 651
1001103264 643
1001103300 ..... 549, 550
1001103375 99
1001103495 439
1001103522 99
1001103523 99
1001103524 99
1001103525 99
1001103526 99
1001103527 99
1001103528 99
1001103529 99
1001103530 ..... 99, 113
1001103531 99
1001103532 99
1001103533 ... 95, 99, 113
1001103534 99
1001103536 99
1001103537 99
1001103554 ..... 433, 439, 449
1001103564 585
1001103597 ..... 35, 37
1001103640 451
1001103807 627
1001103984 ..... 391, 395
1001104032 433
1001104033 433
1001104277 363
1001104280 385
1001104292 503
1001104302 35
1001104319 678
1001104341 627
1001104344 627
1001104349 97
1001104350 97
1001104415 627
1001104437 548
1001104438 548
1001104463 ..... 63, 693
1001104477 511
1001104497 52, 635, 655
1001104498 ..... 579, 593, 609, 631, 635, 649, 655
1001104519 ..... 395, 579, 581, 582, 593, 597, 623, 659
1001104670 433
1001104717 433
1001104909 680
1001104933 91
1001104937 .... 55, 57, 61, 63, 67
1001104958 145
1001104990 ..... 57, 61, 63
1001105081 ... 55, 57, 61, 67
1001105127BL 17
1001105167 559
1001105168 559
1001105260 ..... 55, 61
1001105350 67
1001105487 653
1001105735 ..... 118, 123
1001105742 61
1001105743 73
1001105761 61
1001105941 429
1001105942 ..... 429, 435
1001106385 627
1001106516 73
1001106528 77
1001106532 77
1001106570 33
1001106729 427
1001106748J 30
1001106782 427
1001106884 637
1001106930 145
1001106994 550
1001107004 637
1001107182 595
1001107192 359
1001107294 49
1001107295 49
1001107296 49
1001107333 105
1001107336 105
1001107338 105
1001107509 487
1001107523 507
1001107581 105
1001107586 111
1001107679 439
1001107684 553
1001107721 403
1001107963 627
1001108133 ..... 93, 95
1001108253 427
1001108527 553
1001108529 437
1001108621 45
1001108639 193
1001108661 625
1001108663 193
1001108785 627
1001108830 359
1001108857 627
1001108918 ..... 445, 449
1001108930 193
1001108954 73
1001109023 73
1001109525 595
1001109744 391
1001109784 617
1001109818 427
1001109890 391
1001109891 391
1001109892 391
1001110023 511
1001110024 473
1001110115 473

SECTION 12 - RECOMMENDED SPARE PARTS

1001110490.....455, 459
1001110498.....395
1001110527J.....59
1001110544.....540
1001110596.....449
1001110789.....544
1001110791.....587
1001110853.....559
1001110856.....373
1001110909.....477
1001110910.....477
1001110911.....425
1001110956.....427
1001110957.....427
1001111076.....363
1001111126.....481
1001111147.....351
1001111152.....495
1001111153.....359
1001111317.....356, 359
1001111424.....645
1001111743.....30, 549
1001111747.....59, 692
1001111757.....93, 95
1001111758.....93, 95
1001111761.....95
1001111762.....93
1001111766.....93
1001111767.....93
1001111772.....93
1001111773.....93
1001111774.....93
1001111775.....93
1001111776.....93
1001111813.....93
1001111827.....435
1001111830.....52
1001111831.....52
1001111836.....93
1001111837.....93
1001111838.....93
1001111839.....93
1001111840.....93
1001111841.....93
1001111842.....93
1001111843.....93
1001111844.....93
1001111845.....93
1001111846.....93
1001111847.....93
1001112130J.....27
1001112380.....550
1001112393.....549, 550
1001112400.....550
1001112426.....24
1001112431.....391
1001112559.....111
1001112560.....111
1001112618.....105
1001112646.....131
1001112674.....544
1001112726.....437
1001112824.....550
1001112890.....549
1001112892J.....18
1001112923.....194
1001112924.....194
1001113075J 451
1001113275 621
1001113286 439
1001113287 ..... 203, 223, 279, 293, 307, 321
1001113381 587
1001113483 118
1001113625 627
1001113669 ..... 178, 180
1001113749 51
1001113961 581
1001114141 391
1001114167 633
1001114334 585
1001114408J 51
1001114753 481
1001114783 483
1001114784 483
1001114787 501
1001114802 194
1001114850 435
1001114969 435
1001115037 495
1001115040 497
1001115041 499
1001115064 627
1001115140 132
1001115210 433
1001115229 18
1001115232 561
1001115312 561
1001115519 ..... 643, 657
1001115560 441
1001115561 441
1001115562 441
1001115563 442
1001115564 692
1001115710 497
1001115711 499
1001115890 625
1001115932 637
1001115943 51
1001116128 549
1001116132 655
1001116133 609
1001116142 51
1001116423 385
1001116431 385
1001116495 373
1001116513 257
1001116543 257
1001116693 663
1001116697 ..... 579, 593, 609, 631, 649, 657
1001116698 52, 579, 649
1001116700 653
1001116701 580
1001116709 ..... 582, 659
1001116710 ..... 565, 569
1001116716 ..... 579, 659
1001116718 659
1001116726 651
1001116727 651
1001116728 ..... 566, 571, 613
1001116733 ..... 601, 605
1001116745 613
1001116747 ..... 566, 571
1001116774 ..... 599, 655
1001116808 ..... 599, 655
1001116810 ..... 566, 571, 582
1001116811 ..... 566, 571, 582
1001116916 663
1001116922 580
1001116926 647
1001116930 ..... 619, 621
1001116950 ..... 565, 569, 571
1001116952 ..... 566, 571
1001116955 657
1001116976 ..... 566, 570, 582, 599
1001116977 593
1001116978 ..... 582, 591, 599
1001116979 ..... 647, 659
1001116980 649
1001116982 ..... 580, 585, 653
1001116983 ..... 565, 569
1001116984 585
1001116985 585
1001116986 ..... 582, 585, 623
1001116987 ..... 582, 659
1001116988 582
1001116990 582
1001116992 579
1001116993 580
1001116995 ..... 565, 570, 575, 579, 597, 603
1001116996 593
1001116997 582
1001116998 581
1001117002 581
1001117004 ..... 580, 653
1001117011 369
1001117012 581
1001117013 580
1001117025 ..... 601, 629
1001117064 580
1001117106 ..... 566, 571
1001117109 ..... 566, 571
1001117110 ..... 566, 571, 607
1001117118 541
1001117121 579
1001117133 593
1001117134 582
1001117245 629
1001117246 631
1001117247 625
1001117308 540
1001117360 385
1001117746 51
1001117889 131
1001117921 603
1001117922 605
1001117945 111
1001117995 257
1001118007 132
1001118022 373
1001118096.....39
1001118140.....357
1001118228.....373
1001118229.....377
1001118231.....372, 377
1001118281.....619, 621
1001118282.....605, 629, 665
1001118308.....376
1001118325.....631
1001118366.....373
1001118378.....579
1001118379.....565, 570, 575, 579, 580, 581, 585, 597, 603, 653
1001118380.....566, 570, 582, 593, 599, 659
1001118381.....582, 591, 593, 599, 647, 649, 659
1001118382.....579, 580
1001118383.....579
1001118385.....585
1001118386.....585
1001118387.....581
1001118388.....581
1001118391.....566, 570, 582, 591, 599, 647, 649, 659
1001118392.....593
1001118393.....593
1001118417.....131, 135
1001118426.....25
1001118439.....372, 377
1001118589.....372
1001118685.....579
1001118703.....451
1001118704.....451
1001118705.....442
1001118706.....442
1001118707.....442, 451
1001119031.....666
1001119032.....597
1001119218.....679
1001119220.....377
1001119285.....18
1001119560.....439, 449
1001120182.....105
1001120316.....523
1001120399J.....461
1001120416.....441
1001120471.....669
1001120482.....455, 459, 461
1001120501.....455, 459, 461, 531
1001120505.....461
1001120523.....161
1001120545.....61, 692
1001120555.....61, 692
1001120556.....61, 692
1001120602.....461
1001120604.....61, 693
1001120652.....462
1001120892.....179
1001120904.....179
1001120969.....593
1001121021.....548

1001121053 515
1001121054 515
1001121234 ..... 633, 635
1001121262 541
1001121265 541
1001121267 162
1001121345 193
1001121471 633
1001121555 678
1001121674 363
1001121675 356
1001121707 356
1001121879 549
1001122312 359
1001122362 359
1001122363C 359
1001122363J 359
1001122365C 359
1001122366 359
1001122408 356
1001122552 17
1001123042 ..... 185, 189
1001125071J 55
1001125115 ... 45, 55, 57, 61, 63, 67
1001125117 ... 55, 57, 61, 63, 67
1001125264J 55
1001125286 ..... 185, 189
1001125308 489
1001125309 489
1001125310 491
1001125409 ..... 372, 401, 404, 408, 409, 413
1001125465 549
1001125466 179
1001125508 18
1001125513 558
1001125514 558
1001125515 558
1001125518 558
1001125823 548
1001126349 ..... 565, 571
1001126351 ..... 565, 571
1001126352 ..... 565, 571
1001126353 ..... 565, 571
1001126356 ..... 565, 571
1001126357 ..... 565, 571
1001126360 ..... 565, 571
1001126362 ..... 566, 571
1001126363 ..... 566, 571
1001126364 ..... 566, 572
1001126365 572
1001126384 ..... 565, 571
1001126391 ..... 566, 571
1001126392 ..... 566, 571
1001126393 571
1001126493 ..... 185, 189
1001126517 189
1001126600 174
1001126676 680
1001126837 544
1001126848 544
1001127021 193
1001127272 18
1001127290 373
1001127396 373
1001127516 351
1001127517 350
1001127546 678
1001127596 193
1001127683 540
1001127692 541
1001127694 540
1001127735 680
1001127796 541
1001127848 389
1001127870 193
1001127872 193
1001127876 389
1001128131 39
1001128293 544
1001128328 ..... 63, 692
1001128415 ..... 400, 403
1001128451 17
1001128478 ..... 401, 405
1001128537 544
1001128763 359
1001128764 359
1001129285 ..... 566, 571
1001129286 ..... 566, 571
1001129425 549
1001129530 485
1001129555 135
1001129676 179
1001129677 173
1001129678 178
1001129680 378
1001129879 24
1001129902 548
1001130032 548
1001130203 165
1001130351 400
1001130421 61
1001130423 61
1001130551 553
1001130735 24
1001130752 541
1001130754 575
1001130822 105
1001131047 545
1001131165 52
1001131205 377
1001131252 165
1001131282 555
1001131283 391
1001131347 81
1001131348 85
1001131367 24
1001131371 24
1001131373 24
1001131375 24
1001131377 24
1001131378 24
1001131642 179
1001131752 403
1001131940 ..... 395, 693
1001131945 549
1001131962 180
1001131989 178
1001131990 178
1001132053 391
1001132191 549
1001132192 549
1001132193 549
1001132236 179
1001132239 ..... 401, 405
1001132244 180
1001132247 178
1001132340 178
1001132352 61
1001132353 61
1001132392 180
1001132400 24
1001132418 180
1001132564 ..... 359, 363
1001132828 161
1001132859 24
1001132860 24
1001132862 24
1001132863 24
1001132872 24
1001132873 24
1001132877 ..... 401, 405
1001132878 180
1001132879 180
1001132880 180
1001132884 85
1001132885 85
1001132887 85
1001132888 85
1001132889 85
1001132895 ... 81, 85, 693
1001132898 ... 81, 85, 693
1001132920 180
1001133089 359
1001133153 193
1001133213 613
1001133224 613
1001133239 377
1001133260 363
1001133306 391
1001133307 391
1001133355 391
1001133471 67
1001133472 67
1001133483 71
1001133484 71
1001133490 ..... 408, 413
1001133491 ..... 409, 413
1001133492 ..... 409, 413
1001133493 ..... 409, 413
1001133494 409
1001133495 ..... 409, 413
1001133560 63
1001133561 63
1001133564 65
1001133565 65
1001133566 69
1001133567 69
1001133579 408
1001133580 408
1001133582 409
1001133583 409
1001133585 409
1001133587 377
1001133648 179
1001133700 377
1001133707 565
1001133714 ..... 565, 569
1001133715 ..... 565, 569
1001133773 173
1001133774 173
1001133777 173
1001133778 173
1001133779 173
1001133780 173
1001133781 173
1001133784 173
1001133785 173
1001133793 173
1001133809 161
1001133954 179
1001133955 179
1001134049 378
1001134081 558
1001134127 161
1001134186 357
1001134187 357
1001134188 186
1001134224 185
1001134225 185
1001134226 185
1001134274 ..... 549, 550
1001134285 19
1001134286 19
1001134307 19
1001134310 558
1001134339 540
1001134351 ..... 565, 570
1001134483 ..... 549, 550
1001134525 378
1001134528 185
1001134529 185
1001134580 545
1001134581 ..... 566, 570
1001134758 372
1001134759 378
1001134920 377
1001134953 540
1001135069 540
1001135244 541
1001135245 161
1001135257 161
1001135386 372
1001135466 403
1001135467 404
1001135485 161
1001135486 161
1001135584 ..... 409, 413, 414, 541
1001135650 ..... 565, 569
1001135651 ..... 565, 569
1001135690 678
1001135691 678
1001135692 ..... 427, 679
1001135765 678
1001135838 391
1001135841 391
1001136001 369
1001136005 369
1001136181 83
1001136182 87
1001136183 ... 83, 87, 89, 101
1001136209 85
1001136211 ... 83, 87, 89, 101

SECTION 12 - RECOMMENDED SPARE PARTS

1001136214....83, 87, 89, 97, 101
1001136215.....87, 89
1001136487.....377
1001136545.....378
1001136546.....378
1001136550.....401, 404
1001136554.....401, 404
1001136832.....541
1001136924.....541
1001137125.....185, 189
1001137296.....373, 637
1001137321.....193
1001137322.....193
1001137323.....193
1001137363.....495
1001137542.....83
1001137543.....87
1001137544....83, 87, 89, 101
1001137555....83, 87, 89, 97, 101
1001137558.....87, 89
1001137578.....593
1001137585.....189
1001137974.....495
1001138051.....679
1001138110.....570
1001138111.....570
1001138113.....570
1001138114.....49
1001138115.....49
1001138144.....369
1001138155.....565, 570
1001138215.....51
1001138216.....51
1001138592.....566, 570
1001138745.....189
1001138770.....541
1001138923.....350
1001138924.....350
1001138927.....350
1001138928.....350
1001139034.....179
1001139102.....553
1001139103.....495
1001139111.....363
1001139140.....495
1001139158.....363
1001139159.....363
1001139160.....363
1001139161.....24
1001139164.....678
1001139167.....377
1001139168.....377
1001139169.....377
1001139191.....235, 237, 239, 243, 247, 249, 251, 255
1001139192.....235, 237, 239, 243, 247, 249, 251, 255
1001139193.....235, 237, 239, 243, 247, 249, 251, 255
1001139217.....566, 570
1001139219.....566, 570
1001139230..... 363
1001139231..... 363
1001139232..... 363
1001139235..... 363
1001139236..... 363
1001139310..... 544
1001139311..... 544
1001139333..... 544
1001139393..... 521
1001139513..... 363
1001139562..... 679
1001139609..... 544
1001139621..... 607
1001139649..... 678, 684
1001139654..... 678
1001139817..... 615
1001139880..... 544
1001139882..... 541
1001139884..... 141
1001139982..... 161
1001139983..... 161
1001140296..... 178
1001140354..... 404
1001140355..... 404
1001140356..... 404
1001141228..... 161
1001141393..... 185, 189
1001141394..... 185, 189
1001141398..... 185, 189
1001141401..... 185, 189
1001141402..... 185, 189
1001141412..... 24
1001141439..... 24
1001141713..... 185, 189
1001141714..... 185
1001141715..... 185
1001141725..... 185, 189
1001141765.... 25, 46, 49
1001141772..... 52
1001141800..... 401, 405
1001141835..... 179
1001141952..... 183
1001142001..... 179
1001142003..... 178
1001142036..... 45
1001142037..... 45
1001142038..... 45
1001142039..... 45
1001142049..... 49
1001142050..... 49
1001142051..... 51
1001142052..... 51
1001142080..... 179
1001142081..... 179
1001142082..... 179
1001142089..... 401, 404
1001142185..... 178
1001142186..... 24
1001142275..... 263
1001142276..... 263
1001142277..... 263
1001142278..... 263
1001142279..... 263
1001142280..... 263
1001142281..... 263
1001142282..... 264
1001142283..... 264
1001142284..... 264
1001142285..... 263
1001142286..... 263
1001142287..... 263
1001142288..... 263
1001142289..... 263
1001142290..... 263
1001142291..... 263
1001142292..... 263
1001142293..... 263
1001142294..... 263
1001142295..... 263
1001142296..... 263
1001142300..... 264
1001142301..... 264
1001142302..... 264
1001142303..... 264
1001142304..... 264
1001142305..... 264
1001142306..... 264
1001142307..... 264
1001142308..... 264
1001142309..... 264
1001142310..... 264
1001142311..... 264
1001142312..... 264
1001142313..... 264
1001142314..... 264
1001142315..... 263
1001142316..... 263
1001142317..... 266
1001142318..... 266
1001142319..... 266
1001142320..... 266
1001142321..... 266
1001142322..... 266
1001142347..... 178
1001142386..... 178
1001142427..... 179
1001142445..... 179
1001142488..... 17
1001142489..... 17
1001142652..... 377
1001142653..... 376
1001142658..... 174, 693
1001142659..... 517, 693
1001142663..... 517
1001142664..... 517
1001142665..... 174
1001142666..... 174
1001142723..... 350
1001142724..... 18, 694
1001142726 18, 351, 694
1001142727..... 351
1001142738..... 18
1001142942..... 178
1001142975..... 408
1001143032..... 579
1001143047..... 599
1001143050..... 597
1001143197..... 365, 366
1001143198..... 365, 366
1001143339..... 18, 694
1001143500..... 183
1001143535..... 183
1001143536..... 403
1001143537..... 400, 403
1001143538.....400, 403
1001143566.....540
1001143592.....455, 459
1001143593.....455, 459
1001143594.....455, 459
1001143627.....183
1001143657.....363
1001143745.....183
1001143833.....183
1001143857.....455, 459
1001143939.....183
1001144016.....183
1001144063.....24
1001144066.....401, 404
1001144126.....24
1001144135.....179
1001144326.....559
1001144344.....183
1001144345.....376
1001144443.....61
1001144460.....678
1001144461.....679
1001144463.....679
1001144466.....679
1001144553.....437, 692
1001144554.....445
1001144555.....437, 692
1001144556.....445
1001144557.....441
1001144558.....442, 451
1001144559.....433, 692
1001144560.....449
1001144561.....439, 692
1001144562.....441
1001144563.....441
1001144564.....451
1001144565.....441
1001144575.....441
1001144576.....425
1001144577.....425, 427
1001144619.....425
1001144620.....425
1001144621.....425, 427
1001144629.....119
1001144635.....372, 373, 376
1001144636.....39
1001144637.....39
1001144651....85, 91, 95, 99
1001144652.....99
1001144653.....95
1001144654.....91
1001144677.....376
1001144678.....376
1001144679.....376
1001144683.....87, 89
1001144684.....87, 89
1001144685.....376
1001144765.....376
1001144774.....401, 404
1001144779.....401, 404
1001144784.....372
1001144819.....431, 692
1001144821.....437, 445
1001144822.....437
1001144823.....437

1001144824 400
1001144825 400
1001144827 408
1001144828 437
1001144829 437
1001144830 437
1001144831 437
1001144832 ..... 437, 445
1001144833 ..... 437, 445
1001144834 ..... 431, 692
1001144835 400
1001144836 400
1001144837 408
1001144838 417
1001144839 400
1001144840 421
1001144841 408
1001144842 408
1001144843 408
1001144844 ..... 408, 413, 469
1001144845 417
1001144846 417
1001144847 417
1001144848 400
1001144849 417
1001144850 400
1001144851 408
1001144852 408
1001144853 408
1001144854 421
1001144855 421
1001144856 ..... 409, 414
1001144857 ..... 409, 414
1001144860 423
1001144862 ..... 413, 469
1001144864 ..... 413, 469
1001144868 429
1001144869 ..... 433, 449
1001144870 ..... 433, 449
1001144871 439
1001144872 439
1001144873 403
1001144874 403
1001144875 413
1001144876 ..... 413, 469
1001144877 ..... 453, 469
1001144878 ..... 453, 469
1001144879 ..... 453, 469
1001144883 ..... 419, 469
1001144884 ..... 419, 469
1001144885 ..... 423, 469
1001144886 ..... 453, 469
1001144887 ..... 453, 469
1001144888 ..... 413, 469
1001144889 ..... 419, 469
1001144890 ..... 419, 469
1001144891 ..... 403, 469
1001144892 ..... 403, 469
1001144893 ..... 413, 469
1001144894 423
1001144895 423
1001144897 ..... 435, 692
1001144898 441
1001144899 451
1001144900 441
1001144901 441
1001144902 429
1001144903 ..... 435, 692
1001144904 451
1001145010 162
1001145011 178
1001145012 178
1001145013 178
1001145027 197
1001145028 219
1001145029 197
1001145030 219
1001145031 197
1001145032 219
1001145062 179
1001145208 193
1001145209 193
1001145210 193
1001145218 376
1001145250 373
1001145267 ..... 27, 469
1001145272 ..... 409, 414
1001145273 ..... 409, 414
1001145329 377
1001145378 545
1001145448 376
1001145461 391
1001145463 391
1001145694 17
1001145695 17
1001145696 18
1001145701 451
1001145729 455
1001145730 459
1001145731 461
1001145732 ..... 455, 465
1001145733 ..... 455, 465
1001145734 ..... 455, 465
1001145735 ..... 455, 459
1001145736 ..... 456, 459
1001145737 ..... 456, 459, 461
1001145740 ..... 456, 459, 461
1001145742 461
1001145743 461
1001145746 ..... 19, 25
1001145747 ..... 19, 25
1001145748 25
1001145749 25
1001145781 119
1001145871 179
1001146001 30
1001146018 30
1001146021 376
1001146081 ..... 35, 37
1001146121 373
1001146143 376
1001146153 373
1001146260 ..... 401, 405
1001146290 365
1001146291 365
1001146292 365
1001146339 ..... 365, 366
1001146389 ..... 445, 449
1001146390 451
1001146501 356
1001146502 356
1001146557 365
1001146576 18
1001146583 378
1001146588 179
1001146707 ..... 401, 405
1001146744 643
1001146745 643
1001146746 643
1001146747 643
1001146767 643
1001146901 544
1001146950 ..... 401, 404
1001147047 679
1001147048 679
1001147049 679
1001147090 679
1001147290 559
1001147375 357
1001147376 391
1001147449 ..... 363, 373
1001147828 161
1001148126 427
1001148376 427
1001148542 ..... 179, 693
1001148635 605
1001149025J 461
1001149050 462
1001149162 59
1001149221 57
1001149232 55
1001149234 55
1001149278 363
1001149369 17
1001149375 178
1001149589J 373
1001150306 ..... 18, 694
1001150428 623
1001150959 ..... 678, 684
1001151043 372
1001151044 33
1001151057 25
1001151080 ..... 437, 445
1001151257 ..... 455, 459
1001151369 ..... 409, 413
1001151489 462
1001151613 173
1001151725 173
1001151777 427
1001151779 427
1001151784 427
1001151785 427
1001151816 ..... 456, 459, 461
1001151913 ..... 401, 405
1001151936 425
1001151975 ..... 550, 637
1001152040 637
1001152041 637
1001152055 637
1001152056 637
1001152109 51
1001152124 637
1001152257 17
1001152259 105
1001152336 381
1001152378 161
1001152401 679
1001152402 679
1001152405 679
1001152412 87
1001152521 369
1001152552 531
1001152553 278
1001152554 306
1001152606 455
1001152607 459
1001152608 461
1001152655 105
1001152729 173
1001152756 ..... 455, 459
1001152758 ..... 456, 459
1001152759 ..... 456, 459
1001152760 ..... 455, 465
1001152761 ..... 455, 465
1001152772 ..... 455, 465
1001152780 461
1001152781 461
1001152782 461
1001152783 461
1001152824 369
1001152825 469
1001152827 469
1001152828 469
1001152861 17
1001152862 ..... 365, 366
1001152891 469
1001152937 369
1001152940 179
1001153042 292
1001153043 320
1001153177 569
1001153349 540
1001153394 193
1001153395 193
1001153442 679
1001153617 173
1001153670 531
1001153671 531
1001153724 469
1001153748 ..... 469, 513
1001153761 193
1001153809 531
1001153811 469
1001153968 469
1001154057 545
1001154249 173
1001154259 369
1001154265 194
1001154296 377
1001154297 377
1001154311 378
1001154312 378
1001154313 378
1001154314 378
1001154332 17
1001154430 409
1001154432 679
1001154433 680
1001154442 680
1001154443 680
1001154444 680
1001154445 680
1001154465 366
1001154471 ..... 81, 85

SECTION 12 - RECOMMENDED SPARE PARTS

1001154760.....409, 413
1001154842.....469
1001154844.....469
1001154847.....469
1001154953.....381
1001154955.....381
1001154968.....81, 85
1001154970.....517
1001154974.....473
1001155001.....381
1001155117.....169
1001155118.....169
1001155230.....680
1001155239.....381
1001155251.....61
1001155252.....680
1001155414.....381
1001155459.....469
1001155530.....680
1001155531.....680
1001155532.....680
1001155533.....680
1001155534.....61
1001155570.....61
1001155573.....193
1001155578.....439, 449
1001155582.....680
1001155583.....680
1001155589.....363
1001155781.....381
1001155795.....679
1001155806.....401, 405
1001155930.....118, 123
1001155932.....373
1001156045.....679
1001156092.....468
1001156093.....468
1001156105.....17
1001156163.....381
1001156230.....395
1001156308.....680
1001156354.....122
1001156399.....678
1001156403.....118, 123
1001156412.....627
1001156413.....627
1001156461.....117
1001156462.....122
1001156494.....531
1001156625.....189
1001156734.....189
1001156748.....545
1001156749.....545
1001156779.....401
1001156817.....89, 101
1001156851.....189
1001156853.....119, 124
1001156948.....633
1001156989.....101
1001156990.....89
1001156994.....83, 87
1001156995.....83, 87
1001157278.....559
1001157627.....118, 123
1001157689.....558
1001157839.....18
1001157922.....357
1001157924..... 357
1001158122..... 378
1001158217..... 679
1001158218..... 679
1001158219..... 679
1001158220..... 679
1001158328..... 30
1001158379..... 456, 459
1001158829..... 39
1001158830..... 455, 465
1001158839..... 391
1001159244J..... 30
1001159273..... 101
1001159275..... 89
1001159276J ... 456, 459, 465
1001159279J ... 456, 459, 465
1001159323..... 679
1001159337J ... 456, 459, 465
1001159690..... 117
1001159691..... 122
1001160056..... 257
1001160062..... 372
1001160117..... 372
1001160543..... 357
1001160730..... 549
1001160775..... 679
1001160820..... 679
1001160882..... 391
1001160883..... 391
1001160884..... 391
1001160885..... 391
1001160925..... 679
1001161009..... 119, 124
1001161072..... 123, 124
1001161073..... 118
1001161439..... 372
1001161447..... 185, 189
1001161673.. 81, 83, 101
1001161807..... 372
1001162500..... 89
1001162636.. 81, 83, 101
1001162771..... 105, 141
1001163095..... 132
1001163145..... 257
1001163281..... 178
1001163311..... 257
1001163514..... 257
1001163611..... 257
1001163625..... 141
1001163676..... 105
1001163929..... 105
1001163938..... 105
1001164210..... 189
1001164237..... 105
1001164273..... 105
1001164471..... 678, 684
1001164488..... 678, 684
1001164828..... 680
1001165117..... 649
1001165275..... 360
1001165276..... 360
1001165280..... 679
1001165381..... 679
1001165383..... 679
1001165873..... 465
1001165874..... 465
1001165875..... 519
1001166283..... 173
1001166443..... 679
1001166539..... 135
1001166868..... 378
1001167232..... 678
1001167233..... 678
1001167616..... 651
1001167683..... 570
1001167950..... 17
1001168058..... 19
1001168143..... 470
1001168377..... 19
1001168531..... 369
1001168802..... 559
1001169243..... 27, 468
1001169787..... 360
1001169790..... 470
1001169792..... 470
1001169793..... 470
1001169801..... 470
1001169803..... 470
1001169810..... 356
1001170238..... 470
1001170429..... 470
1001171049..... 687
1001171050..... 687
1001171053..... 687
1001171054..... 687
1001171055..... 687
1001171056..... 687
1001171057..... 687
1001171058..... 687
1001171061..... 687
1001171062..... 687
1001171063..... 687
1001171064..... 687
1001171241..... 173
1001171310..... 173
1001171453..... 67
1001171454..... 67
1001171457..... 165
1001171458..... 165
1001171459..... 171
1001171460..... 171
1001171516..... 689
1001171519..... 689
1001171523..... 689
1001171525..... 689
1001171526..... 689
1001171527..... 689
1001171528..... 689
1001171529..... 689
1001171530..... 689
1001171531..... 689
1001171532..... 689
1001171533..... 689
1001171766..... 97
1001171783..... 684
1001171798..... 684
1001171940..... 97
1001172047..... 669
1001172667..... 153
1001172675..... 153, 689
1001172678..... 153, 689
1001172681.....153, 689
1001172683.....153, 689
1001172685.....153, 689
1001172687.....153, 689
1001172689.....153, 689
1001172775.....637
1001172807.....265
1001172815.....97
1001173150.....151, 687
1001173151.....151, 687
1001173154.....151, 687
1001173155.....151, 687
1001173156.....151, 687
1001173159.....151, 687, 689
1001173160.....151, 687
1001173162.....151
1001173703.....680
1001173936.....680
1001174031.....689
1001174441.....117
1001174575.....687
1001174576.....687
1001174580.....470
1001174719.....679
1001174720.....679
1001175533.....357
1001175541.....132
1001175721.....149
1001175785.....439
1001175847.....24
1001177509.....85, 87, 89
1001177888.....131
1001177926.....117
1001177927.....122
1001178045.....359
1001178047.....356
1001178097.....365
1001178122.....359
1001178244.....373
1001178298.....263
1001178299.....264
1001178300.....263
1001178672.....470
1001181353.....352
1001181357.....352
1001182741.....178
1001184108.....165
1001184110.....165
1001184545.....517
1001184610.....85, 87, 89
1001185163.....257
1001185165.....257
1001186262.....257
1001186581.....517
1001186582.....517
1001187947.....351
1001188047.....351
1001188067.....351
1001188365.....179
1001188418.....127
1001188419.....127
1001188529.....127
1001190506.....264
1001190507.....264
1001190508.....264
1001190738.....265

1001190739J 266
1001191691 264
1001191692 264
1001191693 264
1001191708J 119, 124
1001191885 194
1001192142 541
1001192515 127
1001192516 127
1001192786 401
1001192979 544
1001193204 350
1001193205 351
1001197130 193
1001198245 118
1001198247 119
1001198965 119
1001199390 265
1001200141 263
1001200142 263
1001200143 263
1001200709 178
1001202323 517
1001203520 122
1001207964 257
1001210287 352
1001210288 351
1001210533 174
1001212358 487
1001212584 264
1001212585 264
1001212587 265
1001212588 265
1001212590 265
1001212591 265
1001212592 265
1001212593 265
1001212594 265
1001212595 265
1001212596 265
1001212597 265
1001212598 265
1001212599 265
1001212600 265
1001212601 265
1001212602 265
1001212603 265
1001212604 265
1001212605 265
1001212606 265
1001212607 265
1001212608 265
1001212609 265
1001212610 265
1001212611 265
1001212612 265
1001212613 266
1001212614 266
1001212615 266
1001212616 265
1001212617 265
1001212618 265
1001212619 265
1001213059 356
1001213936 352
1001214157 117
1001214158 122
1001214479 264
1001214521 558
1001214539 ..... 545, 659
1001214821 265
1001214822 265
1001214823 264
1001214824 264
1001214825 ..... 117, 122
1001214974 553
1001214998 545
1001216658 265
1001216661 264
1001216664 263
1001216667 263
1001217623 555
1001218033 118
1001218034 119
1001218564 545
1001219433 118
1001219434 124
1001223184 149
1001226638 257
1001226910 378
1001234054 149
1001234068 149
1001234567 ..... 185, 189
1001237489 33
1001238460 33
1001238877 ..... 33, 41
1001238915 41
1001238919 41
1060628 19
1062255 ..... 51, 372, 377, 400, 401, 403, 404, 408, 409, 413, 414, 437, 445, 544, 633
10719267 437
1074306 .... 400, 403, 468
1101312 ..... 183, 693
1101313 ..... 183, 693
1170002 ..... 107, 109
1170028 105
1170058 139
1220096 132
1260391 75
1260392 79
1260393 75
1260394 79
130029 73
1302325 .... 417, 419, 468
1320224 ..... 117, 122
1320301 ..... 117, 122
1320626 ..... 442, 451
1321141 ..... 117, 122
1321647 ..... 619, 621
1321675 ..... 117, 122
132647 621
1360276 ..... 75, 79
1360277 75
1360278 79
1360279 75
1360282 ..... 75, 79
1366865 365
1600387 ..... 117, 123
1600449 553
1670829 132
1671176 131
1671326 544
1671327 544
1701518 119
1701640 ..... 119, 124
1702773 ..... 119, 124
1704016 ..... 119, 124
1704260 ..... 131, 643
1704277 ..... 119, 124
1705158 124
1705980 679
1706098 678
1706209 678
1706282 684
1706285 678
1706373 194
1706438 679
1706753 684
1706754 684
1706755 684
1706756 684
1706885 131
1706886 131
1706887 131
1706888 131
1781813 351
1784861 19
2080040 ..... 118, 127
2080092 363
2110404 ..... 400, 455, 459
2110406 .. 85, 87, 89, 400, 453, 455, 465, 637
2110604 ..... 403, 439, 441
2110606 ..... 453, 468
2110608 .... 403, 417, 419, 437, 453, 468
2110610 ..... 39, 451
2110808 .... 431, 433, 437, 439, 441, 455, 459, 465, 637
2110810 ..... 451, 455, 465
2110812 .... 425, 427, 429, 431, 433, 437, 439, 441, 445, 449, 451, 456, 459, 461, 465
2111008 ..... 455, 465
2111010 .... 179, 401, 404, 453, 468, 637
2111012 .... 408, 413, 429, 435, 453
2111212 ..... 400, 403
2130404 ..... 400, 403, 468
2130406 .... 421, 423, 453, 455, 459, 468, 531
2130606 .... 421, 423, 437, 468
2130608 .... 419, 437, 453, 468
2130808 ..... 455, 465
2130810 ..... 425, 427
2130812 429
2131008 427
2131010 .... 401, 404, 409, 414
2131012 429
2143404 403
2143511 ..... 117, 123
2144104 ... 401, 403, 404, 421, 423, 468
2144606 173
2144803 ... 401, 403, 404, 421, 423, 468
2150406 400
2150608 417
2151010 427
2151012 ..... 408, 413
2160016 ... 27, 45, 52, 75, 77, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 260, 468, 477, 479, 481, 489, 491, 493, 497, 499
2160017 ..... 46, 73
2160018 79
2170110 637
2170208 400
2170306 .... 421, 423, 531
2170308 .... 455, 459, 461
2170350 421
2170404 ..... 423, 468
2170508 ..... 439, 441
2170704 470
2170708 ..... 455, 468
2170710 409
2170804 470
2170808 ..... 439, 441
2170906 421
2171108 441
2171110 ..... 401, 404
2171204 85
2171208 ..... 445, 449
2171816 ..... 400, 403
2171824 403
2171832 ..... 400, 403
2172104 ... 421, 455, 459, 461, 465, 531
2172106 .... 419, 468, 531
2172108 ... 429, 431, 437, 439, 441, 451, 455, 459, 461, 465
2172110 ... 401, 404, 429, 435
2172208 ... 442, 445, 449, 451
2180869 ..... 373, 376
2220237 ..... 27, 161, 400, 413, 453, 468
2220239 ..... 179, 400
2220240 400
2221257 372
2340030 111
2340041 111
2420202 ..... 117, 123
2420213 553
250216 629
2540049 123
2600281 ..... 119, 127
2603207 679
2700118 137
2820018 131
2920154 131
2920204 30
2920206 555
2920207 .... 558, 559, 561

SECTION 12 - RECOMMENDED SPARE PARTS

2920208.....558, 559, 561
2920209.....544
2940074.....119, 127
2988212.....183
2997586.....417, 419, 468
2999964.....679
3020039.....117, 123, 127
3020040.....49, 479, 485, 495
31200753.....694
31200800.....694
3128764.....135
314689...73, 77, 483, 485
3271601.....637
3290301.....365, 366
3290305.....540
3290405.....351, 549, 625
3290501.....30, 549, 559
3290505.....30, 127, 540
3290601....30, 45, 49, 51, 352, 357, 377, 381, 439, 453, 468, 540, 549, 550, 555, 558, 559, 561, 627
3290605.....25, 117, 119, 123, 257, 381, 544, 545, 548
3290606.....127
3290607.....24
3290801 19, 24, 105, 128, 174, 178, 179, 180, 183, 372, 376, 385, 401, 404, 408, 414, 437, 540, 680
3290805.....24, 105, 123, 127, 400, 403, 473, 541, 548
3290807.....24
3291001....161, 173, 178, 185, 351, 378, 385, 435, 558, 559
3291005....107, 109, 117, 122, 123, 468, 495, 499
3291007.....541
3291201....19, 83, 87, 89, 91, 93, 95, 97, 99, 101, 105, 128
3291205.....105, 123
3291207.....51
3291601..35, 37, 39, 161, 559
3291607.....117, 123
3292001....17, 73, 75, 77, 79
3292401.....75
3300220.....645
3300353.....131
3300408.....131
3300430.....124
3300479.....194, 693
3311405.....132
3311601.....132
3321001.....645
3331211.....117, 123
3331215.....359
3331611.....33
333201117, 18, 351, 453, 468
3332015..... 52
3332411..... 193
3340941..... 51
3423110..... 79
3423116..... 75, 79
3423117..... 79
3423118..... 75
3423119..... 75
3423120..... 75
3423121..... 75
3423123..... 75
3423140..... 487
3423141..... 487
3423258..... 105
3470003..... 73, 132
3520030..... 131
3520054..... 131
3520072..... 127
3520182..... 119, 124
3576314..... 441
3580330..... 75
3580332..... 75
3580336..... 79
3600422..... 533, 637
3700015..... 679
3700016..... 679
3740067..... 645
3740080..... 131, 601
3740140..... 645
3760488..... 75, 79
3760489..... 75, 79
3760490..... 75
3760493..... 487
3760508..... 105
3790012..... 131
3820020..... 119
3820032..... 119, 124
3841763..... 549, 550
3900265..... 376
3900357..... 51, 381
3900362..... 433, 441
3900364..... 359, 377
3900380..... 441
3911018..... 131
3931416..... 132
3940606..... 365, 366
3946123..... 359
3951612..... 637
3953973..... 373
3960585..... 75, 79
3960601..... 132
3964987..... 105
4000015..... 549
4000017..... 637
4010308..... 365, 366
4010408..... 549
4010415..... 550
4010416..... 550, 625
4010608.... 359, 549, 550
4010614.... 417, 419, 468
4010615..... 356
4010617..... 127
4031504..... 548
4031506..... 544
4031507..... 372, 376
4031607 .... 174, 517, 643
4031608 392
4031612 ..... 30, 549
4031709 449
4031713 51
4031906 59
4031908 ..... 55, 57
4031909 ..... 369, 373
4031910 ..... 419, 468
4031913 ..... 417, 425
4031916 627
4031918 .... 445, 449, 451
4031919 427
4031927 179
4032007 468
4032109 105
4032110 ..... 59, 65
4032111 59, 65, 400, 403
4032112 59
4040283 105
4061054 117
4071085 .. 65, 69, 71, 693
4071087 ..... 69, 71, 693
4071093 ..... 65, 693
4071098 ..... 65, 693
4071099 ..... 65, 693
4071104 .. 65, 69, 71, 693
4071105 ..... 69, 71, 692
4071106 ..... 69, 71, 692
4071107 ..... 65, 693
4071108 ..... 65, 692
4071109 ..... 65, 692
4071110 ... 59, 65, 69, 71, 693
4191706 373
4220215 ..... 75, 79
4240017 ..... 641, 643
4240032 ..... 365, 366
4240033 .... 118, 123, 132
4240127 .... 377, 401, 404
428170011 669
429063 178
4360328 131
4360330 131
4360387 131
4360475 ..... 131, 643
4360585 .... 400, 403, 468
4360639 553
4360642 553
4360644 553
4360647 553
4360653 553
4360657 544
4360658 385
4360660 553
4360661 637
4360664 545
4360665 553
4360669 553
4400493 365
4420051 ..... 119, 124
4460042 ..... 566, 570
4460043 .... 566, 569, 571
4460144 653
4460213 665
4460224 665
4460225 665
4460226.....665, 666
4460227.....132, 665
4460234.....131
4460247....565, 569, 570, 571, 649
4460256.....566, 570
4460259.....605, 665
4460260....581, 585, 605, 665
4460265.....579, 585
4460266.....581
4460267....580, 581, 597, 615, 659
4460268....580, 582, 585, 615, 629, 659
4460312.....565, 571, 607
4460343....580, 582, 615, 629, 659
4460367.....579, 615, 659
4460418.....665
4460419.....629, 665
4460428.....131
4460434.....580, 585
4460458....566, 571, 585, 613, 635
4460459.....635
4460464....566, 571, 575, 580, 581, 582, 587, 593, 595, 597, 599, 603, 605, 607, 609, 611, 617, 619, 621, 623, 631, 651, 655, 657, 659, 661
4460465....545, 565, 566, 569, 570, 571, 575, 579, 580, 581, 582, 587, 591, 593, 595, 597, 599, 601, 603, 607, 611, 617, 619, 621, 629, 647, 649, 651, 655, 657, 659, 661, 665, 669
4460466....565, 566, 569, 570, 575, 579, 580, 581, 582, 591, 597, 599, 603, 607, 609, 611, 619, 621, 623, 629, 631, 647, 649, 651, 655, 657, 659, 661, 663, 665
4460468.....118, 123, 663
4460470.....118, 123, 131
4460471.....118, 123, 131
4460473.....663
4460492.....661
4460496.....131
4460497.....131
4460508....566, 571, 582, 619, 621, 657
4460509....566, 571, 582, 619, 621, 647, 657, 665
4460518.....581, 599, 655
4460536.....597, 603, 617
4460539....580, 581, 591, 593, 603, 607, 611, 617, 649
4460708.....581

4460743 635
4460746 585
4460761 ..... 131, 665
4460806 665
4460836 .... 565, 569, 661
4460871 ... 135, 581, 603, 659, 665
4460872 581
4460873 581
4460874 ..... 581, 665
4460875 ..... 581, 665
4460876 581
4460877 629
4460878 581
4460879 ..... 665, 669
4460884 ... 582, 593, 599, 601, 603, 629, 669
4460887 ... 580, 581, 665, 669
4460888 665
4460891 ... 565, 566, 569, 570, 571, 575, 580, 581, 587, 591, 593, 595, 601, 607, 649, 657, 659
4460894 ... 579, 591, 611, 651, 655
4460897 ... 566, 569, 570, 571, 607, 649, 659, 669
4460899 ... 580, 609, 611, 623, 651, 655
4460905 .... 581, 665, 666
4460908 599
4460909 599
4460915 ..... 599, 655
4460918 599
4460920 629
4460928 .... 395, 599, 655
4460929 581
4460930 ... 575, 579, 580, 593, 597
4460931 599
4460932 ... 582, 587, 595, 605, 625
4460933 ... 565, 569, 575, 629, 661
4460934 ..... 565, 569
4460935 575
4460941 617
4460942 ... 569, 580, 581, 605, 617
4460943 ... 575, 619, 621, 655, 657, 661, 669
4460944 ... 565, 569, 570, 575, 619, 621, 647, 655, 657, 661, 665, 669
4460966 593
4460970 ..... 575, 631
4460994 ..... 581, 585
4461006 569
4461008 .... 566, 571, 593
4461054 572
4461070 ..... 565, 570
4461071 ..... 565, 570
4461095 ..... 565, 570
4461115 .... 585, 589, 613
4461118 593
4461119 .... 635, 649, 655
4461131 593
4461164 ... 395, 579, 581, 659
4461170 .....30, 549
4461227 589
4461240 .....657, 665
4461241 665
4461253 661
4461262 ... 593, 609, 631, 649, 657
4461265 541
4461266 541
4461270 541
461217 581
4641516 .....468, 525
4641519 513
4641521 391
4641524 535
4700021 ... 55, 59, 65, 69, 692
4700030 .....65, 692
4700031 .....65, 692
4700032 ..... 69, 71, 692
4700044 441
4700047 ..... 63, 65, 692
4711400 124
4711500 132
4712400 .....118, 123
471678 30, 173, 178, 351, 377, 381, 401, 404, 427, 442, 540, 544, 545, 550, 633
4740532 ... 51, 59, 65, 69, 71
4740535 .....75, 79
4740563 545
4740566 462
4740572 .....178, 180
4751000 131
4751400 .....124, 131
4761000 645
4802100 141
4805670 141
4806433 24
4811400 .... 544, 550, 625
4811600 ..... 30, 127, 389, 540, 549, 559
4811700 ... 19, 25, 30, 39, 45, 49, 51, 119, 174, 178, 179, 183, 351, 359, 377, 381, 433, 437, 441, 445, 453, 455, 465, 468, 531, 540, 544, 545, 548, 549, 550, 555, 558, 559, 561, 627, 637, 643
4811702 ..... 24, 118, 119, 123, 127, 179, 257, 352, 357, 376, 377, 381, 456, 459, 465, 540, 544, 548
4811900 ... 18, 19, 24, 30, 52, 61, 73, 83, 87, 89, 91, 101, 119, 123, 124, 127, 174, 178, 179, 180, 185, 189, 357, 359, 363, 365, 372, 376, 385, 400, 401, 403, 404, 408, 409, 414, 433, 437, 441, 445, 451, 455, 459, 461, 465, 531, 540, 541, 548, 637, 680
4811902 .... 17, 20, 24, 25, 27, 46, 49, 105, 178, 179, 180, 183, 185, 257, 372, 373, 376, 378, 409, 414, 456, 459, 465, 540, 548
4812000 .... 17, 18, 20, 24, 25, 59, 65, 69, 71, 81, 85, 118, 123, 127, 161, 173, 174, 178, 180, 183, 185, 189, 351, 352, 372, 373, 378, 381, 391, 400, 401, 403, 404, 408, 413, 425, 427, 429, 435, 439, 441, 445, 449, 455, 459, 461, 465, 468, 497, 499, 517, 540, 541, 548, 549, 558, 559, 561, 637
481200 24, 45, 117, 118, 122, 123, 178, 185, 377, 378, 456, 459, 465
4812100 .... 83, 87, 89, 91, 93, 95, 97, 99, 101, 123, 128, 161, 185, 359, 400, 403, 441, 540, 643
4812102 541
4812300 .... 17, 18, 35, 37, 39, 118, 123, 161, 257, 378, 559
4812500 .....17, 351
4831600 .....173, 517, 643
4831700 .....51, 183, 185, 189, 376, 381, 540, 627
4831900 .... 178, 183, 185, 186, 189, 473, 540
4832000 .... 183, 185, 540, 541
4832100 .... 400, 403, 540, 541
4871200 .....365, 366
4871700 .....365, 366, 376
4891600 128
4891800 .....118, 123, 127
4892000 .....118, 123
4892600 .....118, 123
4923573 661
5200605 .... 456, 461, 465, 549, 550
5200608 627
5200808 359
5201012 161
5211702 25
5220600 .....555, 627
5220800 .....24, 173, 359, 408, 409, 413, 414, 541, 643
5221000 .....17, 45, 403
5221200 643
5240800 .... 179, 451, 541
5241000 179
5241200 ..... 105, 495
5241600 ..... 33, 481
5242000 ..... 18, 453, 468
5242400 193
5260800 179
5272011 549
70000345 171
70000699 489
70002718 .. 165, 169, 171
70002730 135
70002731 135
70002732 135
70002733 135
70002734 135
70002735 135
70002906 135
70003175 515
70003176 515
70003177 515
70003738 515
70003779 307
70004280 171
70020190 580
70020201 ..... 137, 139
70020202 137
70020203 ..... 137, 147
70020204 ..... 137, 147
70020205 ..... 137, 139
70020206 ..... 137, 139
70020392 141
70020417 139
70020421 149
70020422 149
70020423 149
70020424 149
70020434 477
70020435 477
70020436 477
70020437 477
70020438 . 477, 479, 481, 497, 499
70020439 ..... 479, 481
70020440 .. 479, 481, 499
70020441 477
70020442 ..... 477, 693
70020443 477
70020444 477
70020445 477
70020446 477
70020447 ..... 477, 693
70020448 479
70020449 479
70020450 479
70020451 479
70020452 ..... 479, 481
70020453 ..... 479, 693
70020454 481
70020455 481
70020456 481
70020457 481
70020458 ..... 481, 693
70020461 497
70020462 497
70020464 497

70020465.....497
70020466.....497, 693
70020468.....497
70020469.....497
70020470.....497, 693
70020471.....499
70020472.....499
70020473.....499
70020474.....499
70020476.....499
70020477.....499, 693
70020479.....499
70020480.....499
70020481.....499
70020482.....499, 693
70020516.....485
70020521.....485
70020522.....485
70020523.....485
70020524.....485
70020525.....485, 693
70020579.....489
70020580.....489
70020581.....489
70020582.....489
70020583.....489, 693
70020584.....489
70020585.....489
70020586.....489
70020587.....489
70020588.....489, 693
70020592.....491
70020593.....491, 693
70020599.....493
70020600.....493
70020601.....493
70020602.....493
70020603.....493, 693
70020688.....503
70020689.....503, 507
70020690.....503, 507
70020691.....503, 507
70020692.....503
70020693.....503, 507
70020694.....503, 507
70020695.....503, 507
70020697.....507
70020698.....503, 507
70020699.....503, 507
70020700.....503, 507
70020701.....503, 507
70020702.....503, 507
70020703.....503, 507
70020704.....503, 507
70020705.....503, 507
70020706.....503, 507
70020707.....503, 507
70020708.....503, 508
70020709.....504, 508
70020710.....504, 508
70020711.....504, 508
70020712.....504, 508
70020713.....504, 508
70020714.....503, 507
70020723.....147
70020724.....147
70020725.....147
70020726..... 147
70020727..... 147
70020728..... 147
70020729..... 147
70020730.. 113, 145, 147
70020731..... 113, 147
70020732..... 147
70020764..... 511
70020783..... 391
70020784..... 391
70020785..... 391
70020786..... 391
70020787..... 391
70020788..... 391
70020789..... 391
70020793..... 391
70020794..... 391
70020795..... 544, 694
70020796..... 555, 694
70020830..... 625
70020848..... 387
70020849..... 387
70020850..... 387
70020851..... 387
70020852..... 387
70020853..... 387
70020855..... 387
70020856..... 387
70020857..... 387
70020858..... 387
70020866..... 513
70020867..... 513
70020868..... 513, 525
70020887..... 663
70020922..... 529
70020936 . 199, 201, 306, 320
70020937..... 199, 201
70020938 . 199, 201, 306, 320
70020939 . 203, 223, 279, 307, 325
70020940.. 203, 223, 325
70020941 . 203, 223, 279, 307, 329, 333
70020942 . 203, 223, 278, 306
70020944.. 203, 223, 329
70020945.. 203, 223, 329
70020947 . 203, 223, 279, 306
70020948.. 205, 279, 335
70020949.. 205, 225, 335
70020950 . 205, 225, 279, 293, 307, 321
70020951 . 205, 225, 279, 293, 307, 321
70020952 . 205, 217, 225, 279, 293, 307, 321
70020953 . 205, 225, 279, 293, 307, 321
70020954 . 205, 225, 279, 293, 307, 321
70020955 . 205, 225, 279, 293, 307, 321
70020956 . 205, 225, 279, 293, 307, 321
70020957 . 205, 225, 279, 293, 307, 321
70020958 . 205, 225, 279, 293, 307, 321
70020959 . 205, 225, 279, 293, 307, 321
70020960..... 205
70020961..... 205
70020962..... 205
70020963..... 205
70020964..... 205
70020965 . 207, 279, 293, 337
70020966.. 207, 227, 337
70020967 . 207, 227, 279, 293, 307, 321
70020968 . 209, 229, 279, 307, 339
70020969 . 209, 229, 279, 307
70020972 . 213, 231, 280, 307, 343
70020973.. 213, 231, 343
70020974..... 213, 231
70020976 . 213, 231, 280, 308
70020977..... 215, 233
70020980..... 217
70020983..... 217
70020984..... 217
70020985 . 199, 201, 221, 278, 306
70020986 . 203, 223, 279, 293, 306, 320
70020989..... 225
70020990..... 225
70020991..... 225
70020992..... 205, 225
70020994.. 227, 307, 321
70020996..... 201
70020997..... 201
70020998..... 201
70020999..... 201
70021000..... 201
70021001 . 215, 233, 280, 308
70021002 . 203, 223, 279, 307
70021004.. 225, 307, 335
70021005.. 201, 292, 320
70021007.. 203, 223, 327
70021008.. 203, 223, 327
70021009..... 327
70021010 . 203, 223, 293, 321, 331
70021011 . 203, 223, 292, 320
70021015 . 203, 223, 293, 320
70021016..... 203, 223
70021017.. 205, 293, 335
70021018..... 205, 225
70021019 . 209, 229, 293, 321, 341
70021020 . 209, 229, 293, 321
70021021.. 209, 229, 293, 321
70021022.. 209, 229, 293, 321
70021023.. 213, 231, 294, 321, 345
70021024... 213, 231, 345
70021025.. 213, 231, 294, 321
70021026... 231, 294, 321
70021027.. 213, 231, 294, 322
70021028.. 213, 231, 294, 322
70021029.....294, 322
70021030.. 215, 233, 294, 322
70021031.....227
70021032... 209, 229, 341
70021034.....229, 341
70021035... 225, 321, 335
70021122.....372
70021124.....372, 377
70021127.....372, 377
70021128.....376
70021130.....376, 378
70021131.....376
70021132.....376
70021133.....376
70021134.....376
70021135.....377
70021136.....377
70021137.....377
70021201.....525
70021205.....525
70021208.....525
70021209.....525
70021211.....525
70021212.....525
70021213.....525
70021214.....525
70021215.....525
70021217.....525
70021218.....525
70021219.....525
70021220.....544, 694
70021223.....503, 507
70021241.....113
70021249.....387
70021307.....365
70021308.....365
70021340.. 558, 559, 561, 694
70021341.... 30, 558, 559, 561, 694
70021482.....378
70021497.....493
70021498.....495
70021499.....489
70021500.....491
70021531.....511
70021550.....378
70021551.....378
70021558.....107, 109
70021559.....107, 109
70021560.....107, 109
70021561.....107, 109

70021562 ..... 107, 109
70021563 ..... 107, 109
70021589 519
70021590 519
70021591 519
70021592 519
70021593 519
70021594 519
70021595 519
70021596 519
70021597 519
70021727 527
70021728 527
70021729 527
70021730 527
70021731 527
70021825 565
70021826 566
70021831 .. 203, 223, 331
70021832 .. 203, 223, 331
70021833 .. 203, 223, 331
70021834 693
70021835 113
70021836 113
70021838 113
70021839 113
70021840 113
70021841 113
70021842 113
70021843 113
70021862 ..... 495, 693
70021863 495
70021864 495
70021867 515
70021868 507
70021869 507
70021870 ..... 503, 507
70021871 ..... 503, 508
70021872 507
70021874 ..... 503, 507
70021930 535
70021931 535
70021932 535
70021967 ..... 372, 377
70022080 . 209, 229, 279, 307
70022081 . 209, 229, 279, 307
70022082 . 211, 279, 293, 307, 321
70022083 . 213, 231, 280, 307
70022084 217
70022085 217
70022086 217
70022087 217
70022143 427
70022144 427
70022145 427
70022146 427
70022147 ..... 427, 525
70022148 217
70022149 ..... 203, 223
70022150 . 203, 223, 292, 320
70022151 221
70022152 . 221, 278, 292, 306, 320
70022153 221
70022154 .. 203, 223, 329
70022155 205
70022156 217
70022550 376
70022559 91
70022818 37
70022819 37
70022820 37
70022821 35
70022822 35
70022823 35
70022824 35
70022825 35
70022826 35
70022829 ..... 503, 507
70022831 111
70022833 580
70022847 529
70022906 113
70022907 113
70022912 113
70022922 113
70022923 113
70022924 113
70022925 113
70022927 ..... 113, 145
70022928 113
70022929 113
70022930 113
70023083 491
70023084 491
70023085 491
70023086 491
70023087 ..... 489, 491
70023088 487
70023089 487
70023090 487
70023091 487
70023092 487
70023093 487
70023094 487
70023095 ..... 487, 693
70023098 495
70023099 495
70023100 495
70023101 495
70023273 99
70023274 95
70023276 113
70023277 113
70023278 113
70023326 525
70023327 525
70023348 35
70023484 143
70023735 ..... 503, 508
70023911 483
70023912 483
70023913 483
70023914 483
70023915 483
70023916 483
70023918 483
70023919 483
70023920 483
70023921 ..... 483, 693
70023922 483
70023923 483
70024108 ..... 489, 491
70024163 501
70024164 501
70024165 501
70024166 501
70024167 501
70024168 ..... 501, 693
70024169 ..... 372, 377
70024170 377
70024171 377
70024186 515
70024187 515
70024220 497
70024240 499
70024241 497
70024242 497
70024381 376
70024399 521
70024400 521
70024401 521
70024407 515
70024408 515
70024409 515
70024410 ..... 515, 693
70024411 515
70024412 515
70024413 515
70024414 515
70024415 515
70024416 515
70024417 515
70024435 485
70024436 145
70024437 145
70024438 145
70024439 145
70024440 145
70024441 145
70024442 145
70024443 145
70024444 145
70024445 145
70024446 145
70024447 145
70024448 145
70024449 145
70024450 145
70024451 145
70024452 145
70024453 145
70024454 145
70024455 145
70024456 145
70024466 ..... 235, 693
70024472 165
70024473 ..... 165, 169
70024474 ..... 165, 169
70024475 165
70024476 165
70024477 165
70024481 169
70024483 ..... 165, 169
70024484 165
70024485 ..... 165, 169
70024486 ..... 165, 169
70024487 165
70024489 165
70024490 165
70024491 165
70024492 165
70024494 ..... 165, 171
70024496 165
70024497 165
70024498 ..... 165, 169
70024499 ..... 165, 169
70024501 165
70024502 165
70024503 .. 165, 169, 171
70024504 .. 166, 169, 171
70024505 165
70024506 165
70024507 .. 165, 169, 171
70024508 165
70024509 171
70024510 165
70024511 165
70024513 ..... 165, 169
70024632 237
70024633 237
70024634 237
70024635 237
70024636 237
70024637 237
70024638 237
70024639 237
70024640 237
70024641 ..... 237, 255
70024642 237
70024643 237
70024644 237
70024645 237
70024646 ..... 237, 255
70024647 237
70024648 237
70024649 237
70024650 237
70024651 237
70024652 237
70024653 237
70024654 237
70024655 237
70024904 171
70024905 171
70024906 171
70024907 171
70024909 171
70024910 171
70024911 171
70024912 171
70024913 171
70024914 171
70024915 171
70024917 171
70024918 171
70024920 .. 166, 169, 171
70024922 171
70024923 171
70024924 171
70024925 171
70024926 171

70024961.....165, 169
70024962.....166, 169
70024963...165, 169, 693
70025088.....169
70025121...165, 166, 169
70025153...165, 169, 693
70025181.....171
70025239.....165, 169
70025242.....186
70025357.....409, 413
70025358.....409, 413
70025359.....409, 413
70025360.....239
70025361.....239
70025362.....239
70025363.....239
70025364.....239
70025365.....239
70025366.....239
70025367.....239
70025368.....239
70025369.....239
70025370.....239
70025371.....239
70025372.....239
70025373.....239
70025374.....239
70025375.....239
70025376.....239
70025377.....239
70025378.....239
70025379.....239
70025380.....239
70025381.....239
70025382.....239
70025383.....239
70025384.....239
70025385.....239
70025386.....239
70025387.....239
70025388.....239
70025389.....239
70025390.....239
70025391.....239
70025392.....239
70025393.....239
70025394.....239
70025395.....239
70025396.....239
70025397.....240
70025398.....240
70025399.....240
70025400.....243
70025401.....243
70025402.....243
70025403.....243
70025404.....243
70025405.....243
70025406.....243
70025407.....243
70025408.....243
70025409.....243
70025410.....243
70025411.....243
70025412.....243
70025413.....243
70025414.....243
70025415..... 243
70025416..... 243
70025417..... 243
70025418..... 243
70025419..... 243
70025420..... 243
70025421..... 243
70025422..... 243
70025423..... 243
70025424..... 243
70025425..... 243
70025426..... 243
70025427..... 243
70025428..... 243
70025429 . 244, 247, 249, 251
70025430 . 247, 249, 251, 255
70025431..... 247
70025432 .. 247, 249, 251
70025433 .. 247, 249, 251
70025434 .. 247, 249, 251
70025435..... 247, 251
70025436..... 247, 251
70025437 .. 247, 249, 251
70025438 .. 247, 249, 251
70025439 .. 247, 249, 251
70025440 .. 247, 249, 251
70025441..... 247
70025442..... 247, 251
70025443..... 249
70025444..... 249
70025445..... 249
70025446..... 249
70025447..... 249
70025448..... 249, 251
70025449..... 249
70025450..... 251
70025451..... 255
70025452..... 255
70025453..... 255
70025454..... 255
70025455..... 255
70025456..... 255
70025457..... 255
70025458..... 255
70025459..... 255
70025460..... 255
70025461..... 255
70025462..... 255
70025463..... 255
70025464..... 255
70025465..... 255
70025466..... 255
70025467..... 255
70025468..... 255
70025469..... 255
70025470..... 255
70025471..... 255
70025472..... 255
70025473..... 255
70025474..... 255
70025475..... 255
70025476..... 255
70025477..... 166, 169
70025478 .. 166, 169, 693
70025479..... 166, 169
70025493 ..... 237, 243
70025494 ..... 237, 243
70025495 237
70025496 ..... 237, 243
70025497 ..... 237, 243
70025498 ..... 237, 247
70025499 ..... 237, 243
70025500 ..... 237, 243
70025501 ..... 237, 243
70025502 ..... 237, 243
70025503 237
70025504 .. 237, 239, 247
70025505 ..... 237, 239
70025506 237
70025507 237
70025508 ..... 239, 243
70025509 ..... 239, 243
70025510 239
70025511 239
70025512 239
70025513 239
70025514 ..... 240, 243
70025515 249
70025516 249
70025517 249
70025518 249
70025532 169
70025533 169
70025534 169
70025535 169
70025536 169
70025537 ..... 169, 693
70025538 169
70025865 ..... 278, 292
70025866 ..... 278, 292
70025867 . 278, 292, 306, 320
70025868 . 279, 293, 306, 320
70025869 333
70025870 333
70025871 333
70025872 333
70025873 333
70025874 . 279, 293, 307, 321
70025875 .. 209, 229, 339
70025876 ..... 229, 339
70025877 186
70025897 515
70025913 . 203, 223, 292, 320
70025914 . 203, 223, 293, 321, 327
70025915 .. 307, 321, 337
70026018 113
70026828 ..... 231, 280
70027291 ..... 109, 157
70028028 113
70028031 113
70028556 515
70028557 515
70028558 515
70028559 515
70028560 515
70028561 515
70028562 515
70028978.....113
70028979.....113
70028980.....113
70029011.....109, 157
70029012.....109
70029013.....109
70029940.....487
70029941.....495
70029966.....487
7003928.....135
70040080.....165, 169
7011016.....533
7011043.....533
7011044.....533
7011048.....533
7011067.....533
7012706.....515
7016331....165, 169, 171, 693
7017168.....527
7017169.....527
7017178.....527
70204065.....171
7020465.....169
7022736.....663
7022808.....135
7022815.....135
7022819.....135
7024038.....515
7024943.....515
7024944.....515
7024947.....515
7024948.....515
7024949.....515
7024950.....515
7024953.....515
7024954.....515
7028092.....141
7028093.....141
7028094.....141
7028124.....143
7028125.....143
7028126.....143
7028127.....143
7028128.....143
7028129.....143
7028130.....143
7028131.....143, 155, 157
7028132.....143
7028133.....143
7028134.....143
7028135.....143
7028136.....107, 109
7028137.....107, 109
7028403....205, 225, 279, 293, 321
7028417....213, 231, 280, 308
7028421.....213
7028423....213, 231, 280, 307
7028455....278, 292, 306, 320
7028466....201, 221, 278, 292, 306, 320
7028478....225, 279, 293, 307, 321

7028488 ..... 293, 321
7028508 ... 215, 233, 280, 308
7028509 ... 215, 233, 280, 308
7028510 ... 215, 233, 280, 308
7028513 ... 278, 292, 306, 320
7028628 111
7028639 593
7028910 .... 143, 155, 157
7028911 ..... 155, 157
7028912 ..... 155, 157
7028913 ..... 155, 157
7028914 155
7028915 ..... 155, 157
7028916 ..... 155, 157
7028917 ..... 155, 157
7028918 ..... 155, 157
7028919 ..... 155, 157
7028920 ..... 155, 157
7028923 ..... 155, 157
7028982 ..... 155, 157
7028983 ..... 155, 157
7028984 .... 143, 155, 157
7028985 155
7028986 143
7028987 143
7028988 143
7028989 143
7028990 ..... 155, 157
7028991 ..... 155, 157
7028995 157
7029356 143
7029486 ..... 363, 385
7029592 533
7029593 533
7029623 485
7029626 485
7029749 143
7029834 .... 209, 229, 341
7029837 229
7029969 ... 558, 559, 561, 694
7029970 ... 558, 559, 561, 694
7029971 ... 558, 559, 561, 694
7346000235 395
7346000239 395
77363244 . 587, 591, 593, 607, 611, 617, 649
77363349 395
8000565 351
8000567 351
8000802 359
8001332 359
8002200 ... 57, 59, 61, 63, 65, 67, 69, 71, 692
8002201 ..... 59, 69, 692
8002637 .. 65, 69, 71, 692
8002904 ... 59, 65, 69, 71, 692
8003164 377
8003242 .. 65, 69, 71, 692
8003243 ..... 55, 61, 692
8005079 ..... 193, 693
8005616 678
8005617 678
8005670 678
8005671 678
8005675 678
8005827 194
8005870 678
8005901 544
8006038 684
8006105 25
8006242 25
8006612 .... 119, 124, 678
8008047 52
8008055 79
8008070 .. 59, 65, 69, 693
8008424 141
8008629 684
8008634 ..... 55, 61, 692
8008640 ..... 55, 61, 692
8008657 678
8009377 679
8009987 .. 55, 57, 59, 692
8010148 ..... 55, 57, 692
80334277 515
8033609 ... 199, 201, 278, 292, 306, 320
8035118 ... 221, 278, 292, 306, 320
8035120 ... 221, 278, 292, 306, 320
8035180 ... 207, 227, 279, 293, 307, 321
8035189 .... 209, 229, 339
8035190 .... 209, 229, 339
8035235 ... 215, 233, 280, 294, 308, 322
80363166 633
80373094 183
80374114 52
80484081 ..... 566, 571
80604015 ..... 575, 631
80604016 . 565, 569, 575, 629
80604017 .. 566, 607, 659
80604018 . 569, 570, 571, 575, 591, 593, 595, 601, 605, 607, 649, 657, 659
80604019 .. 597, 603, 617
80604020 .. 587, 595, 605
80604021 . 593, 599, 601, 603, 629
80604022 . 611, 623, 651, 655
80604023 . 591, 611, 651, 655
80604024 599
80604025 .. 575, 593, 597
806253 19
806264 19
8220089 571
8220115 ..... 566, 570
8220125 571
8220904 597
8229242 ..... 566, 571
8275212 189
8275247 ..... 185, 189
8305919 .... 357, 359, 363, 544
8307222 351
8307904 .... 453, 468, 483, 485
8310093 .... 453, 468, 483, 485
8310491 ..... 351, 365
8310665 365
8310686 372
8405006 ..... 173, 178
8405101 178
8405201 ..... 373, 376
8405402 183
8406302 179
8410011 183
8410013 ..... 173, 174, 178
8410014 178
8466306 ..... 363, 680
8769123 ..... 118, 123
8769140 ..... 118, 123
8770143 .... 372, 401, 404, 408, 413
8770175 461
885236 373
8990147 ..... 119, 124
91364023 183
91364028 .. 199, 201, 221, 278, 292, 306, 320
91364039 .. 199, 201, 278, 292, 306, 320
91364041 ..... 279, 293
91364042 ..... 280, 294
91364048 .. 207, 227, 279, 293, 307, 321
91364049 .. 207, 227, 279, 293, 307, 321
91364050 .. 207, 227, 279, 293, 307, 321
91364052 ... 207, 279, 293
91364053 ... 207, 279, 293
91364054 ... 207, 227, 337
91364056 ... 207, 279, 293
91364070 .. 205, 225, 279, 293, 307, 321
91364078 217
91364093 .. 215, 233, 294, 322
91364094 .. 215, 233, 294, 322
91364095 .. 215, 233, 294, 322
91364096 .. 215, 233, 294, 322
91474037 .. 199, 201, 215, 221, 233, 278, 280, 292, 294, 306, 308, 320, 322
91474038 .. 199, 201, 221, 278, 292, 306, 320
91474039 .. 199, 201, 278, 292, 306, 320
91474041 .. 199, 201, 221, 278, 292, 306, 320
91474043 .. 201, 221, 278, 292, 306, 320
91474044 . 201, 221, 278, 292, 306, 320
91474045 . 201, 221, 278, 292, 306, 320
91474046 . 201, 221, 278, 292, 306, 320
91474047 . 201, 221, 278, 292, 306, 320
91474048 . 201, 221, 278, 292, 306, 320
91474050 . 199, 201, 221, 278, 292, 306, 320
91474051 . 199, 201, 221, 278, 292, 306, 320
91474053 . 199, 201, 221, 278, 292, 306, 320
91474054 . 199, 201, 221, 278, 292, 306, 320
91474055 . 199, 201, 221, 278, 292, 306, 320
91474056 .. 199, 201, 221
91474057 . 199, 201, 221, 278, 292, 306, 320
91474058 . 199, 201, 221, 278, 292, 306, 320
91474064 ..... 278, 292
91474065 ..... 278, 292
91474066 ..... 278, 292
91474067 ..... 278, 292
91474068 . 199, 201, 221, 278, 292, 306, 320
91474069 . 221, 278, 292, 306, 320
91474071 . 221, 278, 292, 306, 320
91474072 . 221, 278, 292, 306, 320
91474073 . 201, 221, 278, 292, 306, 320
91474075 ..... 278, 292
91474077 .. 203, 223, 325
91474078 .. 203, 223, 325
91474082 . 203, 223, 278, 306
91474083 . 203, 223, 279, 293, 307, 321
91474084 . 203, 223, 279, 293, 307, 321
91474085 . 203, 213, 223, 231, 279, 280, 293, 294, 307, 308, 321, 322
91474086 . 203, 223, 278, 306
91474087 . 203, 223, 278, 292, 306, 320
91474091 . 203, 223, 278, 292, 306, 320
91474092 . 203, 223, 278, 292, 306, 320
91474093 . 203, 223, 279, 293, 306, 320
91474094 . 203, 223, 278, 292, 306, 320
91474095 . 203, 223, 278, 292, 306, 320
91474096 . 203, 223, 279, 293, 306, 320

SECTION 12 - RECOMMENDED SPARE PARTS

91474100...205, 225, 335
91474101...205, 225, 335
91474102...205, 225, 335
91474114.....307
91474115..205, 225, 279, 293, 307, 321
91474116..205, 225, 279, 293, 307, 321
91474119..205, 225, 279, 293, 307, 321
91474126..207, 227, 279, 293, 307, 321
91474128..207, 227, 279, 293, 307, 321
91474136 . 211, 280, 294, 307, 321
91474137 . 211, 280, 294, 307, 321
91474138 . 211, 280, 294, 307, 321
91474139 . 211, 279, 293, 307, 321
91474141 . 211, 279, 293, 307, 321
91474142 . 211, 279, 293, 307, 321
91474143 ..... 280, 294
91474144 ..... 280, 294
91474145 ..... 280, 294
91474146 ..... 280, 294
91474147 ..... 280, 294
91474149 ..... 279, 293
91474151 ..... 280, 294
91474152 . 211, 280, 294, 307, 321
91474155 . 213, 231, 294, 321
91474157 . 213, 231, 294, 321
91474160 . 213, 231, 280, 294, 308, 322
91474161 ..... 280, 307
91474162..215, 233, 294, 322
91474163..215, 233, 280, 308
91474632.....229, 341
91554014.....580
AU2105.....678
E000269 625
H005238 183
N.S.S 139

31200722

JLG®

An Oshkosh Corporation Company

Corporate Office
JLG Industries, Inc.
1 JLG Drive
McConnellsburg, PA 17233-9533 USA

(717) 485-5161 (Corporate)
(877) 554-5438 (Customer Support)
(717) 485-6417

Visit our website for JLG Worldwide Locations.
www.jlg.com