



Illustrated Parts Manual

823

PVC 2211

31221319

July 15, 2024 - Rev C

English (en-US)

EFFECTIVITY PAGE

November 1, 2022 - A - Original Issue of Manual (Edited to B/M 1001260823 Revision J)

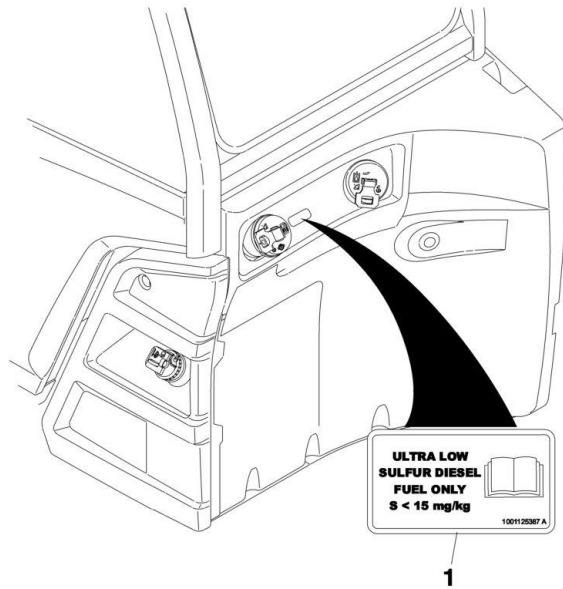
May 1, 2023 - B - Revised Manual (Edited to B/M 1001260823 Revision L)

July 15, 2024 - C - Revised Manual (Edited to B/M 1001260823 Revision L)

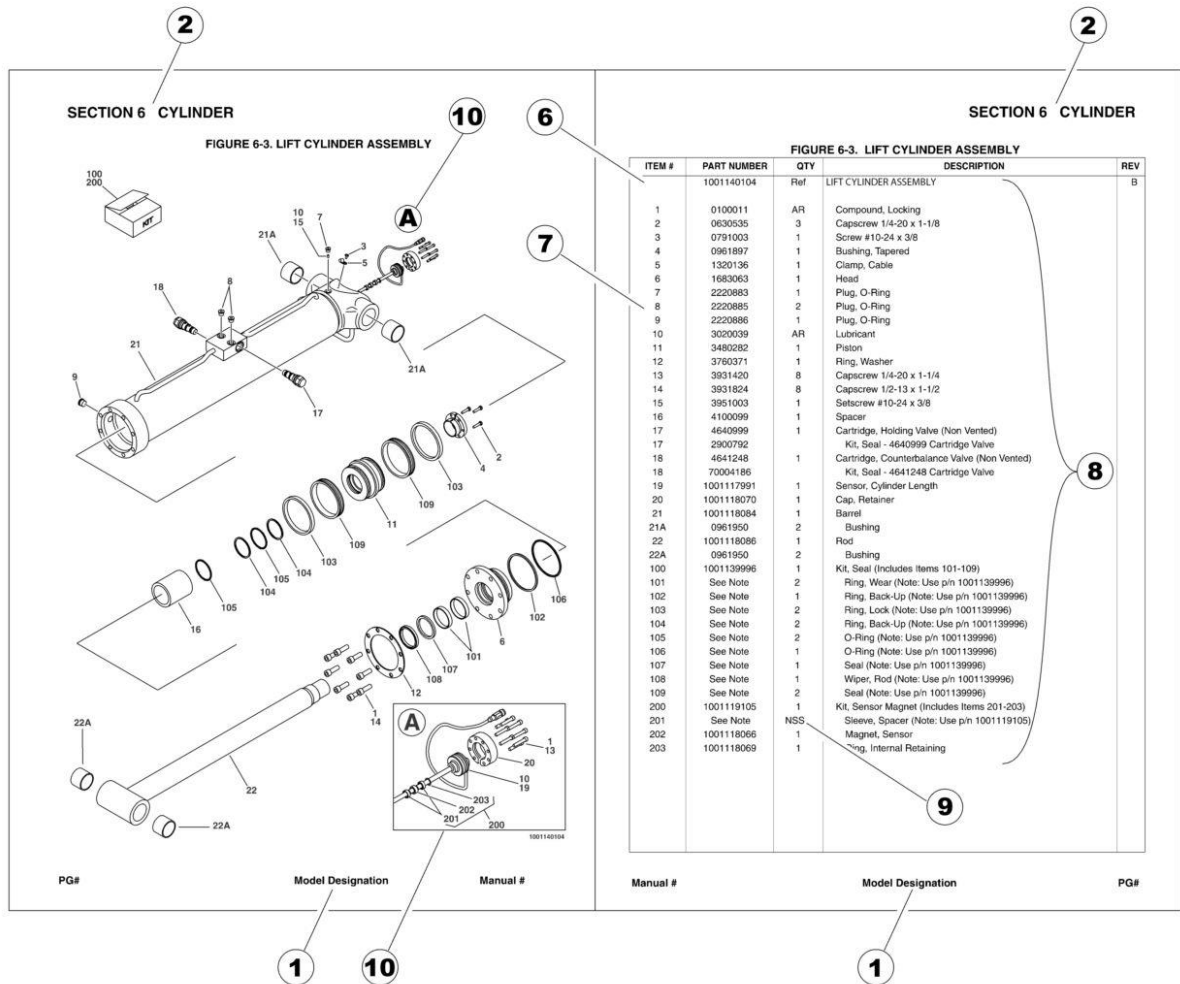
Machine Configuration

Two configurations of each machine are included in this manual. Determine if machine is equipped with Ultra Sulfur Fuel Decal (1) as indicated below.

- If equipped with the Ultra Low Sulfur decal, all specific references to this machine configuration will be referred to as Ultra Low Sulfur (ULS) from this point forward.
- If not equipped with the Ultra Low Sulfur decal, all specific references to this machine configuration will be referred to as Low Sulfur (LS) from this point forward.



GENERAL INFORMATION



1) MACHINE IDENTIFICATION

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

2) PARTS MANUAL ORGANIZATION

Product information in this manual is organized under section titles. Frame, Cylinder, Hydraulic 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 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 maintenance parts.

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.

GENERAL INFORMATION

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. In case of parts that are not available for service within assemblies or components, there will be a NSS (Not Sold Separately) or NLA (No Longer Available) listed in the Qty. 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 the sequence in the parts list 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	L.....	Liter
ADE.....	Advanced Design Electronics	LB(LBS).....	Pounds
AG.....	Agricultural	LCD.....	Liquid Crystal Display
ANSI.....	American National Standards Institute	LED.....	Light Emitting Diodes
AR.....	As Required	LH.....	Left Hand
ASSY.....	Assembly	LRC.....	Low Rated Countries
AUS.....	Australia	LSS.....	Load Sensing System
AUX.....	Auxiliary	M(m).....	Metric/Meter
AWG.....	American Wire Gauge	MM(mm).....	Milimeter
B/M.....	Bill of Material	mA.....	Miliamps
CAC.....	Charge Air Cooler	NLA.....	No Longer Available
CE.....	European Conformity	NPT.....	National Pipe Threads
CCW.....	Counter Clockwise	NSS.....	Not Sold Separately
CM.....	Centimeter	OD.....	Outside Diameter
CW.....	Clockwise	ORB.....	O-Ring Boss
CSA.....	Canadian Standards Association	ORFS.....	O-Ring Face Seal
CYL.....	Cylinder	OZ (oz).....	Ounces
DIA.....	Diameter	PG.....	Page
DC.....	Direct Current	PN.....	Part Number
DEF.....	Diesel Exhaust Fluid	QT(qt.).....	Quarts
EMS.....	Emergency Stop	QTY.....	Quantity
ENG.....	Engine	REF.....	Reference
FT(ft).....	Feet	REV.....	Revision Level
GA(Ga).....	Gauge	RH.....	Right Hand
HRC.....	High Rated Countries	SAE.....	Society of Automotive Engineers
HVAC.....	Heating, Ventilating, and Air Conditioning	SN.....	Serial Number
HYD.....	Hydraulic	SPEC(S).....	Specifications
Hz.....	Hertz	T/T.....	Turntable
ID.....	Inside Diameter	UGM.....	Universal Ground Module
IN.....	inches	V.....	Volts
ISO.....	International Organization for Standards	W.....	Watts
JIC.....	Joint Industry Council	#.....	Number
KG.....	Kilogram		

10) ILLUSTRATION REFERENCE LETTERS

When necessary, illustrations may contain reference letters that are intended to track information (i. e. hoses, harnesses) from one point to another or to track visual enlargement of components to show details that may be located in another area on 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.....	17
FIGURE 1-1. FRAME INSTALLATION	18
FIGURE 1-2. ENGINE ENCLOSURE INSTALLATION.....	20
FIGURE 1-3. ENGINE ENCLOSURE COVER INSTALLATION	22
FIGURE 1-4. HOOD INSTALLATION.....	24
FIGURE 1-5. COVER PLATES INSTALLATION (NO OUTRIGGERS - ULS)	26
FIGURE 1-6. COVER PLATE INSTALLATION (NO TRAILER BRAKES)	28
FIGURE 1-7. COVER PLATE INSTALLATION (TRAILER BRAKES).....	30
FIGURE 1-8. COVER PLATE INSTALLATION (NO REAR AUX).....	32
FIGURE 1-9. COVER PLATE INSTALLATION (REAR AUX).....	34
FIGURE 1-10. COVER PLATE INSTALLATION (HYDRAULIC HITCH AND REAR AUX).....	36
FIGURE 1-11. REAR COVER PLATE INSTALLATION (NO HYDRAULIC HITCH)	38
FIGURE 1-12. TANKS INSTALLATION.....	40
FIGURE 1-13. FUEL TANK INSTALLATION	42
FIGURE 1-14. FUEL TANK ASSEMBLY	44
FIGURE 1-15. HYDRAULIC TANK INSTALLATION	46
FIGURE 1-16. HYDRAULIC TANK ASSEMBLY.....	48
FIGURE 1-17. FUEL AND HYDRAULIC CAP INSTALLATION.....	50
FIGURE 1-18. HITCH RETRIEVAL INSTALLATION.....	52
FIGURE 1-19. HITCH INSTALLATION (EEC AUTO)	54
FIGURE 1-20. HITCH INSTALLATION (PITON)	56
FIGURE 1-21. HITCH ASSEMBLY (EEC AUTO)	58
FIGURE 1-22. SLIDING HITCH ASSEMBLY (PITON)	60
FIGURE 1-23. HITCH INSTALLATION (EEC MANUAL)	62
FIGURE 1-24. HITCH ASSEMBLY (EEC MANUAL)	64
FIGURE 1-25. HITCH INSTALLATION (FIXED).....	66
FIGURE 1-26. HITCH ASSEMBLY (FIXED).....	68
FIGURE 1-27. HITCH INSTALLATION (HYDRAULIC).....	70
FIGURE 1-28. CAB PLUG INSTALLATION (NON HYDRAULIC HITCH).....	72
FIGURE 1-29. MIRROR INSTALLATION	74
FIGURE 1-30. REAR MIRROR INSTALLATION (FLAT)	76
FIGURE 1-31. REAR MIRROR INSTALLATION (CONVEX).....	78
FIGURE 1-32. MIRROR ASSEMBLY (CONVEX).....	80
FIGURE 1-33. TOOLBOX INSTALLATION	82
SECTION 2 - BOOM	85
FIGURE 2-1. BOOM PINNING INSTALLATION.....	86
FIGURE 2-2. LIFT CYLINDER PINNING INSTALLATION	88
FIGURE 2-3. COMPENSATION CYLINDER PINNING INSTALLATION.....	90
FIGURE 2-4. BOOM PIVOT INSTALLATION	92
FIGURE 2-5. BOOM ASSEMBLY	94
FIGURE 2-6. FIRST BOOM SECTION ASSEMBLY.....	96
FIGURE 2-7. SECOND BOOM SECTION ASSEMBLY.....	98
FIGURE 2-8. LEVER ASSEMBLY	100
FIGURE 2-9. MANUAL QUICK COUPLER INSTALLATION	102

TABLE OF CONTENTS

FIGURE 2-10. HYDRAULIC QUICK COUPLER INSTALLATION.....	104
FIGURE 2-11. BOOM PROP INSTALLATION	106
FIGURE 2-12. BOOM BRUSHES INSTALLATION	108
FIGURE 2-13. REMOTE GREASE SYSTEM INSTALLATION	110
SECTION 3 - ATTACHMENTS.....	113
FIGURE 3-1. AUGER COUPLING	114
FIGURE 3-2. AUGER BIT (6INX4IN)	116
FIGURE 3-3. AUGER BIT (9INX4IN)	118
FIGURE 3-4. AUGER BIT (12INX4IN)	120
FIGURE 3-5. AUGER BIT (15INX4IN)	122
FIGURE 3-6. AUGER BIT (18INX4IN)	124
FIGURE 3-7. AUGER BIT (24INX4IN)	126
FIGURE 3-8. AUGER BIT (36INX4IN)	128
FIGURE 3-9. BALE HANDLER (TUBE CLAMP).....	130
FIGURE 3-10. BALE HANDLER KIT (TUBE CLAMP).....	132
FIGURE 3-11. BALE HANDLER (SPIKE CLAMP)	134
FIGURE 3-12. BALE HANDLER KIT (SPIKE CLAMP).....	136
FIGURE 3-13. BASKET - FORK MOUNTED (1.2MX2.4M) (DOMESTIC DECALS)	138
FIGURE 3-14. BASKET - FORK MOUNTED (1.2MX2.4M) (FRENCH LANGUAGE DECALS)	140
FIGURE 3-15. BASKET - FORK MOUNTED (1.2MX2.4M) (ISO DECALS).....	142
FIGURE 3-16. BUCKET (CONCRETE).....	144
FIGURE 3-17. BUCKET (DIRT)	148
FIGURE 3-18. BUCKET (GRAPPLE MULTI-PURPOSE)	150
FIGURE 3-19. BUCKET (MANURE GRAPPLE)	152
FIGURE 3-20. BUCKET(0.6M ³) (MULTI-PURPOSE 4 IN 1)	154
FIGURE 3-21. BUCKET(1M ³ /1.25YD ³) (GENERAL PURPOSE - ROUND HEEL)	156
FIGURE 3-22. BUCKET(1M ³ /1.25YD ³) (GENERAL PURPOSE - ANGULAR HEEL).....	158
FIGURE 3-23. BUCKET(1M ³ /1.25YD ³) (MULTI-PURPOSE 4 IN 1)	160
FIGURE 3-24. BUCKET (1.5M ³ /2YD ³) (GENERAL PURPOSE - ROUND HEEL).....	162
FIGURE 3-25. BUCKET (1.5M ³ /2YD ³) (GENERAL PURPOSE - ANGULAR HEEL).....	164
FIGURE 3-26. BUCKET (2M ³ /2.6YD ³) (GENERAL PURPOSE - ROUND HEEL).....	166
FIGURE 3-27. BUCKET (2M ³ /2.6YD ³) (GENERAL PURPOSE - ANGULAR HEEL).....	168
FIGURE 3-28. BUCKET (2.5M ³ /3.25YD ³) (GENERAL PURPOSE - ROUND HEEL)	170
FIGURE 3-29. BUCKET (2.5M ³ /3.25YD ³) (GENERAL PURPOSE - ANGULAR HEEL).....	172
FIGURE 3-30. BUCKET (3M ³ /4YD ³) (GENERAL PURPOSE - ROUND HEEL)	174
FIGURE 3-31. BUCKET (3M ³ /4YD ³) (GENERAL PURPOSE - ANGULAR HEEL).....	176
FIGURE 3-32. BUCKET BOLT-ON EDGE (ONE PIECE)	178
FIGURE 3-33. BUCKET BOLT-ON EDGE (TWO PIECE).....	180
FIGURE 3-34. BUCKET BOLT-ON EDGE (THREE PIECE)	182
FIGURE 3-35. BUCKET FRONT GUARD.....	184
FIGURE 3-36. CARRIAGE ASSEMBLY (1225MM)	186
FIGURE 3-37. CARRIAGE ASSEMBLY (1270MM)	188
FIGURE 3-38. CARRIAGE ASSEMBLY (1524MM)	190
FIGURE 3-39. CARRIAGE ASSEMBLY (1829MM)	192
FIGURE 3-40. CARRIAGE ASSEMBLY - FORK POSITIONING (4.0 TON - 1225 MM)	194

TABLE OF CONTENTS

FIGURE 3-41. CARRIAGE ASSEMBLY - SIDE SHIFT (4.0 TON - 1225 MM)	196
FIGURE 3-42. CARRIAGE ASSEMBLY - SIDE TILTING (4.5 TON - 1225 MM)	198
FIGURE 3-43. CARRIAGE ASSEMBLY - SIDE TILTING (4.0 TON - 1575 MM)	200
FIGURE 3-44. CARRIAGE ASSEMBLY - SIDE TILTING (4.0 TON - 1829 MM)	202
FIGURE 3-45. CARRIAGE ASSEMBLY - FEM CARRIAGE AND FORKS	204
FIGURE 3-46. FORK - BAILING CARRIAGE (DUAL TINE)	206
FIGURE 3-47. FORK - EXTENSIONS (62X163X2286) (ANSI)	208
FIGURE 3-48. FORK - LUMBER (45X150X1540)	210
FIGURE 3-49. FORK - LUMBER (50X150X1830)	212
FIGURE 3-50. FORK - PALLET (50X100X1200)	214
FIGURE 3-51. FORK - PALLET (50X100X1200) (WITH SIDE SHIFT CARRIAGE)	216
FIGURE 3-52. FORK - PALLET (50X120X1200)	218
FIGURE 3-53. FORK - PALLET (60X125X1220)	220
FIGURE 3-54. FORK - MUCK WITH GRAB	222
FIGURE 3-55. HOOK - CRANE (FORK MOUNTED)	224
FIGURE 3-56. HOPPER - TRASH	226
FIGURE 3-57. SILAGE DEFACER	228
FIGURE 3-58. TRUSS BOOM (0.9 TON - 3.5M/12FT WITH WINCH)	230
FIGURE 3-59. TRUSS BOOM (1TON - 3.5M/12FT)	232
FIGURE 3-60. TRUSS BOOM (1.8 TON - 0.9M/3FT WITH WINCH)	234
FIGURE 3-61. TRUSS BOOM (4.4TON - 2.3M/7.5FT)	236
FIGURE 3-62. UNIVERSAL HITCH ATTACHMENT	238
SECTION 4 - ENGINE AND ATTACHING PARTS	241
FIGURE 4-1. ENGINE INSTALLATION (90KW - ULS - PISTON PUMP)	242
FIGURE 4-2. ENGINE INSTALLATION (100KW - ULS - PISTON PUMP)	244
FIGURE 4-3. ENGINE MOUNTING INSTALLATION (90KW/100KW)	246
FIGURE 4-4. 3.6L ENGINE (90KW - ULS - PISTON PUMP)	248
FIGURE 4-5. 3.6L ENGINE (100KW - ULS - PISTON PUMP)	250
FIGURE 4-6. ENGINE ECU INSTALLATION (ULS)	252
FIGURE 4-7. BRACKET GUARD INSTALLATION	254
FIGURE 4-8. FUEL LINES INSTALLATION (ULS - RHOC)	256
FIGURE 4-9. EXHAUST INSTALLATION (ULS)	258
FIGURE 4-10. DEF LINES INSTALLATION (ULS)	260
FIGURE 4-11. DEF CONTROL MODULE INSTALLATION (ULS)	262
FIGURE 4-12. DEF TANK INSTALLATION (ULS)	264
FIGURE 4-13. DEF TANK ASSEMBLY	266
FIGURE 4-14. AIR CLEANER INSTALLATION (90/100KW)	268
FIGURE 4-15. AIR CLEANER ASSEMBLY (90/100KW)	270
FIGURE 4-16. PRE-AIR CLEANER ACCESSORY	272
FIGURE 4-17. AIR INTAKE RAIN CAP ACCESSORY	274
FIGURE 4-18. AIR INTAKE LINES INSTALLATION (90/100KW - ULS)	276
FIGURE 4-19. COOLING PACKAGE INSTALLATION (90KW - ULS)	278
FIGURE 4-20. COOLING FAN INSTALLATION	280
FIGURE 4-21. FAN LINES INSTALLATION (90KW)	282
FIGURE 4-22. FAN DRIVE MOTOR (NO RHOC)	284

TABLE OF CONTENTS

FIGURE 4-23. FUEL FILTER & PUMP INSTALLATION	286
FIGURE 4-24. REMOTE FUEL PUMP INSTALLATION (74.4KW)	288
FIGURE 4-25. COOLER INSTALLATION (90KW)	290
FIGURE 4-26. RADIATOR COOLING PACKAGE (90KW)	292
FIGURE 4-27. REMOTE HOC INSTALLATION	294
FIGURE 4-28. FAN DRIVE MOTOR (RHOC)	296
FIGURE 4-29. COOLANT LINES INSTALLATION (ULS)	298
FIGURE 4-30. COOLER LINES INSTALLATION (90KW).....	300
FIGURE 4-31. CAC LINES INSTALLATION (ULS)	302
FIGURE 4-32. SURGE TANK INSTALLATION	304
FIGURE 4-33. TANK EXPANSION	306
FIGURE 4-34. BULKHEAD INSTALLATION	308
FIGURE 4-35. HYDRAULIC PUMP INSTALLATION (90KW)	310
FIGURE 4-36. HEATER LINES INSTALLATION (ULS)	312
FIGURE 4-37. HEATER LINES WITH BLOCK HEATER INSTALLATION (ULS)	314
FIGURE 4-38. BLOCK HEATER INSTALLATION (120V - LS)	316
FIGURE 4-39. BLOCK HEATER (LS)	318
FIGURE 4-40. A/C PUMP INSTALLATION	320
FIGURE 4-41. A/C LINES INSTALLATION	322
SECTION 5 - DRIVE TRAIN	325
FIGURE 5-1. TRANSMISSION INSTALLATION (6 SPD - 90KW)	326
FIGURE 5-2. TRANSMISSION INSTALLATION (6 SPD - 97KW)	328
FIGURE 5-3. TRANSMISSION (6 SPD - 90KW).....	330
FIGURE 5-4. TRANSMISSION (6 SPD - HHP - 97KW)	332
FIGURE 5-5. PLANETARY CASE AND PARTS GROUP	334
FIGURE 5-6. TORQUE CONVERTER GROUP	336
FIGURE 5-7. TORQUE CONVERTER GROUP	338
FIGURE 5-8. TRANSFER GEAR AND CASE GROUP	340
FIGURE 5-9. TRANSMISSION HYDRAULIC CONTROL GROUP	342
FIGURE 5-10. INPUT SHAFT GROUP	344
FIGURE 5-11. TRANSMISSION CLUTCH GROUP	346
FIGURE 5-12. CLUTCH AND GEAR GROUP	348
FIGURE 5-13. TRANSMISSION PUMP GROUP	350
FIGURE 5-14. OUTPUT SHAFT GROUP	352
FIGURE 5-15. SPEED SENSOR	354
FIGURE 5-16. IDLER GEAR.....	356
FIGURE 5-17. REAR TRANSMISSION CASE.....	358
FIGURE 5-18. PLANETARY CASE.....	360
FIGURE 5-19. FRONT TRANSFER CASE	362
FIGURE 5-20. REAR TRANSFER CASE.....	364
FIGURE 5-21. RELIEF VALVE	366
FIGURE 5-22. SOLENOID VALVE	368
FIGURE 5-23. SOLENOID VALVE	370
FIGURE 5-24. FRONT TRANSMISSION CASE ASSEMBLY	372
FIGURE 5-25. REAR TRANSMISSION CASE ASSEMBLY	374

TABLE OF CONTENTS

FIGURE 5-26. DRIVESHAFT & AXLE INSTALLATION	376
FIGURE 5-27. DRIVE SHAFTS INSTALLATION.....	378
FIGURE 5-28. FRONT AXLE INSTALLATION	380
FIGURE 5-29. FRONT AXLE ASSEMBLY	382
FIGURE 5-30. REAR AXLE INSTALLATION	392
FIGURE 5-31. REAR AXLE ASSEMBLY.....	394
FIGURE 5-32. AXLE SHIM INSTALLATION	404
FIGURE 5-33. TIRE/WHEEL SET (AIR - 460/70 R24 XMCL)	406
FIGURE 5-34. TIRE/WHEEL SET (AIR - 500/70 R24 XMCL)	408
FIGURE 5-35. FENDER INSTALLATION.....	410
FIGURE 5-36. FENDER ASSEMBLY (RR-RH)	412
FIGURE 5-37. FENDER ASSEMBLY (RR-LH).....	414
FIGURE 5-38. FENDER ASSEMBLY (FRT-RH)	416
FIGURE 5-39. FENDER ASSEMBLY (FRT-LH).....	418
SECTION 6 - CAB.....	421
FIGURE 6-1. CAB MOUNTS INSTALLATION.....	422
FIGURE 6-2. ENCLOSED CAB INSTALLATION.....	424
FIGURE 6-3. ENCLOSED CAB ASSEMBLY.....	426
FIGURE 6-4. ENCLOSED CAB GROUP	428
FIGURE 6-5. ENCLOSED CAB	430
FIGURE 6-6. DOOR INSTALLATION.....	432
FIGURE 6-7. DOOR UPPER GLASS ASSEMBLY	434
FIGURE 6-8. CAB LATCH ASSEMBLY.....	436
FIGURE 6-9. CAB DOOR TRIGGER ASSEMBLY	438
FIGURE 6-10. DOOR ASSEMBLY (AG)	440
FIGURE 6-11. CAB DOOR.....	442
FIGURE 6-12. DOOR STRAP INSTALLATION.....	444
FIGURE 6-13. REAR WINDOW INSTALLATION.....	446
FIGURE 6-14. REAR WINDOW ASSEMBLY	448
FIGURE 6-15. ENCLOSED CAB PLUG GROUP	450
FIGURE 6-16. INTERIOR MIRROR INSTALLATION	452
FIGURE 6-17. FRONT WIPER INSTALLATION.....	454
FIGURE 6-18. LEVEL INDICATOR INSTALLATION.....	456
FIGURE 6-19. ENCLOSED CAB TRIM INSTALLATION.....	458
FIGURE 6-20. DASH COVER ASSEMBLY	462
FIGURE 6-21. REAR PANEL COVER ASSEMBLY	464
FIGURE 6-22. ADJUSTABLE ARMREST INSTALLTION	466
FIGURE 6-23. ARMREST	468
FIGURE 6-24. FIXED ARMREST BRACKET	470
FIGURE 6-25. MOVING ARMREST BRACKET	472
FIGURE 6-26. BEACON TERMINAL INSTALLATION	474
FIGURE 6-27. WASHER HOSES INSTALLATION	476
FIGURE 6-28. HAMMER INSTALLATION.....	478
FIGURE 6-29. HAMMER ATTACHMENT ASSEMBLY	480
FIGURE 6-30. FRONT COVER INSTALLATION	482

TABLE OF CONTENTS

FIGURE 6-31. FILTER TRAY PANEL	484
FIGURE 6-32. FRONT DUCT COVER.....	486
FIGURE 6-33. WASHER TANK INSTALLATION	488
FIGURE 6-34. WASHER BOTTLE	490
FIGURE 6-35. SEAT INSTALLATION (AIR SUSPENSION - STANDARD)	492
FIGURE 6-36. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD)	494
FIGURE 6-37. UPPER SEAT ASSEMBLY.....	496
FIGURE 6-38. SUSPENSION KIT	498
FIGURE 6-39. SEAT INSTALLATION (PREMIUM).....	500
FIGURE 6-40. SEAT ASSEMBLY (AIR SUSPENSION - PREMIUM)	502
FIGURE 6-41. SEAT INSTALLATION (MECHANICAL)	504
FIGURE 6-42. SEAT ASSEMBLY	506
FIGURE 6-43. SEAT BELT INSTALLATION (2IN)	508
FIGURE 6-44. SEAT BELT INSTALLATION (3IN)	510
FIGURE 6-45. HEATER INSTALLATION.....	512
FIGURE 6-46. HEATER ASSEMBLY	514
FIGURE 6-47. HEATER AND A/C INSTALLATION	516
FIGURE 6-48. CAB CONDENSER ASSEMBLY	520
FIGURE 6-49. CONDENSER.....	522
FIGURE 6-50. A/C RECEIVER DRIER	524
FIGURE 6-51. HEATER AND A/C ASSEMBLY	526
FIGURE 6-52. ROOF WIPER INSTALLATION	528
FIGURE 6-53. HEADLINER INSTALLATION.....	530
FIGURE 6-54. HEADLINER/ RADIO READY INSTALLATION	532
FIGURE 6-55. CAB GUARD INSTALLATION (TOP)	534
FIGURE 6-56. CAB GUARD INSTALLATION (FRONT)	536
FIGURE 6-57. CAB GUARD INSTALLATION (TOP AND FRONT)	538
FIGURE 6-58. COMMON CAB TRIM INSTALLATION	540
FIGURE 6-59. CAB TRIM INSTALLATION	542
FIGURE 6-60. ROOF CAP INSTALLATION (A/C)	544
FIGURE 6-61. ROOF CAP INSTALLATION (NO A/C).....	546
FIGURE 6-62. FRONT NOSE CONE INSTALLATION (SIDELIGHT)	548
FIGURE 6-63. RETRACTABLE SUNSCREEN INSTALLATION.....	550
FIGURE 6-64. CAB STEP INSTALLATION	552
FIGURE 6-65. FLOOR MAT INSTALLATION	554
FIGURE 6-66. EXTERNAL WINDOW RELEASE INSTALLATION (ANSI)	556
FIGURE 6-67. EXTERNAL WINDOW RELEASE INSTALLATION (CAN)	558
SECTION 7 - CONTROLS.....	561
FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION.....	562
FIGURE 7-2. ACCELERATOR PEDAL	564
FIGURE 7-3. BRAKE PEDAL INSTALLATION	566
FIGURE 7-4. BRAKE PEDAL.....	568
FIGURE 7-5. BRAKE PEDAL PLATE	570
FIGURE 7-6. BRAKE SENSOR INSTALLATION.....	572
FIGURE 7-7. SWITCH PLATE ASSEMBLY	574

TABLE OF CONTENTS

FIGURE 7-8. PARKING BRAKE INSTALLATION (CABLE - STANDARD)	576
FIGURE 7-9. PARKING BRAKE COVER (MECHANICAL)	578
FIGURE 7-10. PARKING CABLE ASSEMBLY (MECHANICAL)	580
FIGURE 7-11. STEERING WHEEL INSTALLATION.....	582
FIGURE 7-12. STEERING WHEEL	584
FIGURE 7-13. STEERING COLUMN INSTALLATION.....	586
FIGURE 7-14. HORN INSTALLATION	588
FIGURE 7-15. HORN BUTTON INSTALLATION	590
FIGURE 7-16. JOYSTICK INSTALLATION	592
FIGURE 7-17. WIPER-TURN SWITCH (0 SPEED - FNR).....	594
FIGURE 7-18. WIPER-TURN SWITCH (NO SPEED)	596
SECTION 8 - HYDRAULIC CIRCUITS.....	599
FIGURE 8-1. COMMON HYDRAULICS INSTALLATION.....	600
FIGURE 8-2. AUXILIARY HYDRAULICS INSTALLATION - REAR (TWIN)	604
FIGURE 8-3. AUXILIARY HYDRAULICS INSTALLATION - REAR (SINGLE)	606
FIGURE 8-4. BOOM HYDRAULIC INSTALLATION.....	608
FIGURE 8-5. BOOM LINES INSTALLATION	610
FIGURE 8-6. BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL).....	612
FIGURE 8-7. BOOM RAISE HOSES INSTALLATION (WITH RIDE CONTROL)	614
FIGURE 8-8. BRAKE LINES INSTALLATION	616
FIGURE 8-9. BRAKE INSTALLATION – TRAILER	618
FIGURE 8-10. BRAKE ACCUMULATOR LINES INSTALLATION (WITHOUT SAHR).....	620
FIGURE 8-11. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - TWIN).....	622
FIGURE 8-12. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - SINGLE)	624
FIGURE 8-13. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - TWIN).....	626
FIGURE 8-14. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - SINGLE).....	628
FIGURE 8-15. LIFT CYLINDER INSTALLATION	630
FIGURE 8-16. MAIN CONTROL VALVE INSTALLATION.....	632
FIGURE 8-17. MAIN HYDRAULIC PUMP INSTALLATION.....	634
FIGURE 8-18. IMPLEMENT PUMP INSTALLATION	636
FIGURE 8-19. PRIORITY LINES INSTALLATION	638
FIGURE 8-20. PRIORITY VALVE INSTALLATION	640
FIGURE 8-21. RETURN LINES INSTALLATION	642
FIGURE 8-22. STEERING LINES INSTALLATION	644
FIGURE 8-23. STEER SELECT VALVE INSTALLATION	646
FIGURE 8-24. SUCTION LINES INSTALLATION	648
SECTION 9 - HYDRAULIC COMPONENTS.....	651
FIGURE 9-1. CYLINDER ASSEMBLY - COMPENSATION	652
FIGURE 9-2. CYLINDER SUB-ASSEMBLY - COUPLER LOCKING	654
FIGURE 9-3. CYLINDER ASSEMBLY - COUPLER LOCKING	656
FIGURE 9-4. CYLINDER SUB-ASSEMBLY - EXTEND/RETRACT (TELESCOPE).....	658
FIGURE 9-5. CYLINDER ASSEMBLY - EXTEND/RETRACT (TELESCOPE)	660
FIGURE 9-6. CYLINDER ASSEMBLY - LIFT	662
FIGURE 9-7. CYLINDER ASSEMBLY - TILT	664

TABLE OF CONTENTS

FIGURE 9-8. IMPLEMENT PUMP	666
FIGURE 9-9. VALVE SUB-ASSEMBLY - DIVERTOR (HI-FLOW)	668
FIGURE 9-10. VALVE ASSEMBLY - DIVERTOR	670
FIGURE 9-11. VALVE ASSEMBLY - DIVERTOR	672
FIGURE 9-12. VALVE ASSEMBLY - DIVERTOR	674
FIGURE 9-13. VALVE ASSEMBLY - FAN MOTOR CONTROL.....	676
FIGURE 9-14. VALVE ASSEMBLY - HYDRAULIC HITCH CONTROL VALVE	678
FIGURE 9-15. VALVE ASSEMBLY - MAIN CONTROL	680
FIGURE 9-16. VALVE ASSEMBLY - PRIORITY FLOW MANIFOLD	682
FIGURE 9-17. VALVE ASSEMBLY - RIDE CONTROL.....	684
FIGURE 9-18. VALVE ASSEMBLY - STEERING SELECT VALVE	686
FIGURE 9-19. VALVE ASSEMBLY - TRAILER BRAKE	688
SECTION 10 - ELECTRICAL.....	691
FIGURE 10-1. 823 ELECTRICAL LAYOUT	692
FIGURE 10-2. BATTERY INSTALLATION (STANDARD).....	702
FIGURE 10-3. BATTERY INSTALLATION (DUAL).....	704
FIGURE 10-4. BEACON/STROBE INSTALLATION	706
FIGURE 10-5. BOOM HARNESS INSTALLATION	708
FIGURE 10-6. BOOM HARNESS	710
FIGURE 10-7. BOOM ANGLE SENSOR INSTALLATION	712
FIGURE 10-8. BOOM RETRACT SENSOR INSTALLATION	714
FIGURE 10-9. BOOM RETRACT SENSOR INSTALLATION	716
FIGURE 10-10. CAB ELECTRICAL INSTALLATION.....	718
FIGURE 10-11. CAB ELECTRICAL INSTALLATION.....	720
FIGURE 10-12. CAB HARNESS.....	722
FIGURE 10-13. CAB HARNESS.....	724
FIGURE 10-14. CAB STANDARD ELECTRICAL BOARD ASSEMBLY.....	730
FIGURE 10-15. CAB OPTION 1 ELECTRICAL BOARD ASSEMBLY.....	732
FIGURE 10-16. CAB OPTION 2 ELECTRICAL BOARD ASSEMBLY.....	734
FIGURE 10-17. CAB OPTION HARNESS	736
FIGURE 10-18. DASH ELECTRICS INSTALLATION (ULS).....	738
FIGURE 10-19. CAB HEATER HARNESS INSTALLATION	740
FIGURE 10-20. CAB HEATER HARNESS	742
FIGURE 10-21. CAB HVAC ACTUATOR HARNESS	744
FIGURE 10-22. CAB HVAC ACTUATOR HARNESS	746
FIGURE 10-23. CAB - MULTIFUNCTION DISPLAY INSTALLATION	748
FIGURE 10-24. CAB SEAT ADAPTOR HARNESS (PREMIUM SEAT).....	750
FIGURE 10-25. CLEARSKY INSTALLATION (A/C - LONG ROOF CAP).....	752
FIGURE 10-26. CLEARSKY INSTALLATION (NO A/C - SHORT ROOF CAP)	754
FIGURE 10-27. CLEARSKY HARNESS	756
FIGURE 10-28. DECLUTCH SWITCH INSTALLATION.....	758
FIGURE 10-29. ELECTRICAL COMPONENTS INSTALLATION	760
FIGURE 10-30. ELECTRICAL POWER DISTRIBUTION ELECTRICAL BOX	762
FIGURE 10-31. ELECTRICAL RELAY INSTALLATION - 200 AMP	764
FIGURE 10-32. ENGINE WIRING INSTALLATION (ULS).....	766

TABLE OF CONTENTS

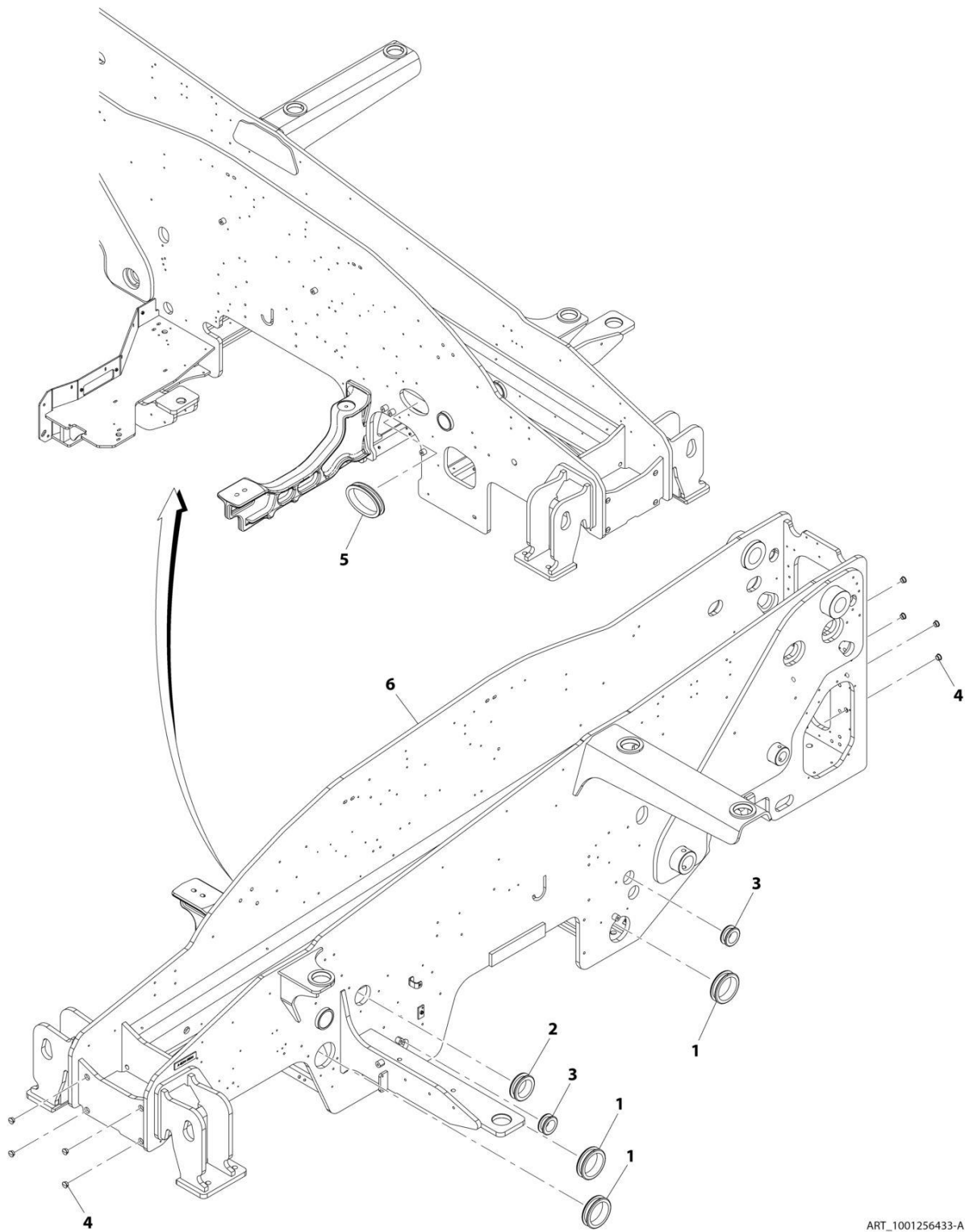
FIGURE 10-33. ENGINE HARNESS (ULS).....	768
FIGURE 10-34. ENGINE FUEL PUMP HARNESS.....	776
FIGURE 10-35. ENGINE GLOW PLUG RELAY HARNESS.....	778
FIGURE 10-36. ENGINE SPEED SET SWITCH INSTALLATION.....	780
FIGURE 10-37. FRAME MAIN ELECTRICAL INSTALLATION.....	782
FIGURE 10-38. FRAME HARNESS - FRONT.....	784
FIGURE 10-39. FRAME HARNESS - REAR.....	788
FIGURE 10-40. IGNITION SWITCH INSTALLATION.....	792
FIGURE 10-41. LIGHTS - DIP LIGHTS INSTALLATION (RH).....	794
FIGURE 10-42. LIGHTS - LICENSE PLATE LAMP INSTALLATION.....	796
FIGURE 10-43. LIGHTS - LICENSE PLATE LAMP HARNESS.....	798
FIGURE 10-44. LIGHTS - NO ROADLIGHTS INSTALLATION.....	800
FIGURE 10-45. LIGHTS - WORKLIGHTS INSTALLATION (BOOM MOUNTED).....	802
FIGURE 10-46. LIGHTS - WORKLIGHTS INSTALLATION - LED (BOOM MOUNTED).....	804
FIGURE 10-47. LIGHTS - WORKLIGHTS HARNESS (BOOM MOUNTED LIGHTS).....	806
FIGURE 10-48. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (NO A/C).....	808
FIGURE 10-49. LIGHTS - WORKLIGHTS INSTALLATION - LED (CAB MOUNTED) (NO A/C).....	810
FIGURE 10-50. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (WITH A/C).....	812
FIGURE 10-51. LIGHTS - WORKLIGHTS INSTALLATION -LED (CAB MOUNTED) (WITH A/C).....	814
FIGURE 10-52. LSI SENSOR INSTALLATION.....	816
FIGURE 10-53. LSI DISPLAY INSTALLATION.....	818
FIGURE 10-54. LSI SENSOR INSTALLATION.....	820
FIGURE 10-55. LSI SWITCH INSTALLATION.....	822
FIGURE 10-56. LSI SENSOR COVER INSTALLATION.....	824
FIGURE 10-57. REVERSE ALARM INSTALLATION.....	826
FIGURE 10-58. REVERSE CAMERA INSTALLATION.....	828
FIGURE 10-59. REVERSE SENSING INSTALLATION.....	830
FIGURE 10-60. REVERSE SENSING HARNESS.....	832
FIGURE 10-61. TRAILER ELECTRICS INSTALLATION.....	834
FIGURE 10-62. TRAILER CONNECTOR HARNESS.....	836
SECTION 11 - DECALS.....	839
FIGURE 11-1. DECALS INSTALLATION (ANSI).....	840
FIGURE 11-2. DECALS INSTALLATION - JLG.....	844
FIGURE 11-3. DECALS INSTALLATION - JLG AG.....	846
FIGURE 11-4. CAPACITY CHART (ANSI).....	848
FIGURE 11-5. CAPACITY CHART HOLDER INSTALLATION.....	850
FIGURE 11-6. TRIANGLE INSTALLATION - SLOW MOVING VEHICLE.....	852
SECTION 12 - RECOMMENDED SERVICE PARTS STOCK.....	855
FIGURE 12-1. RECOMMENDED SERVICE PARTS STOCK.....	856
SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS.....	859
FIGURE 13-1. SPECIAL OPTIONS/ACCESSORIES/KITS.....	860
PART NUMBER INDEX.....	861

SECTION 1 - FRAME AND ATTACHING PARTS

SECTION 1 - FRAME AND ATTACHING PARTS

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-1. FRAME INSTALLATION



ART_1001256433-A

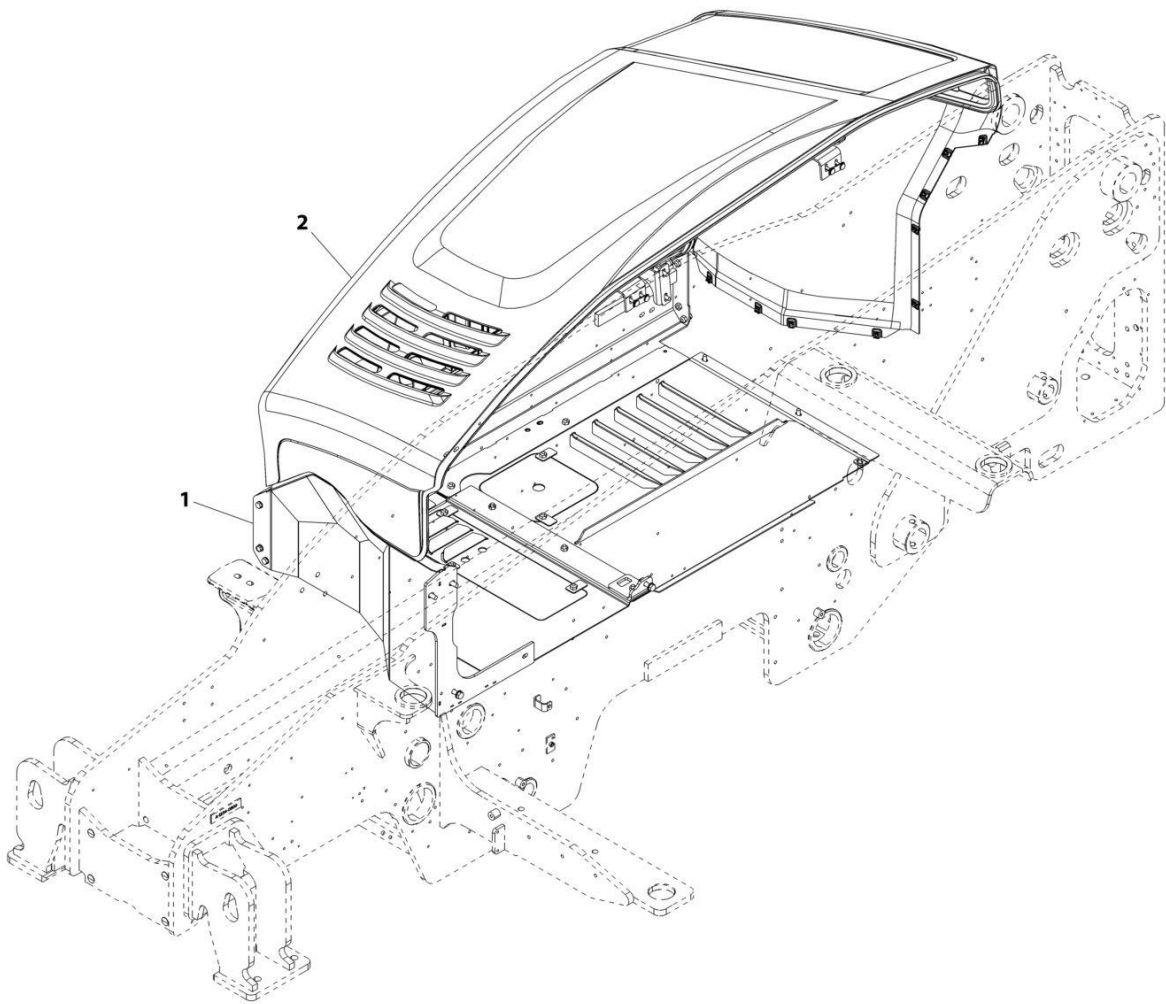
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-1. FRAME INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256433	Ref	Frame Installation	B
1	1001003439	3	Grommet, Rubber	
2	1001028291	2	Grommet	
3	1001028308	1	Grommet, Rubber	
4	1001091126	8	Plug, Black	
5	1001217550	1	Grommet, Rubber	
6	1001256434	1	Frame	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-2. ENGINE ENCLOSURE INSTALLATION



ART_1001257415-A

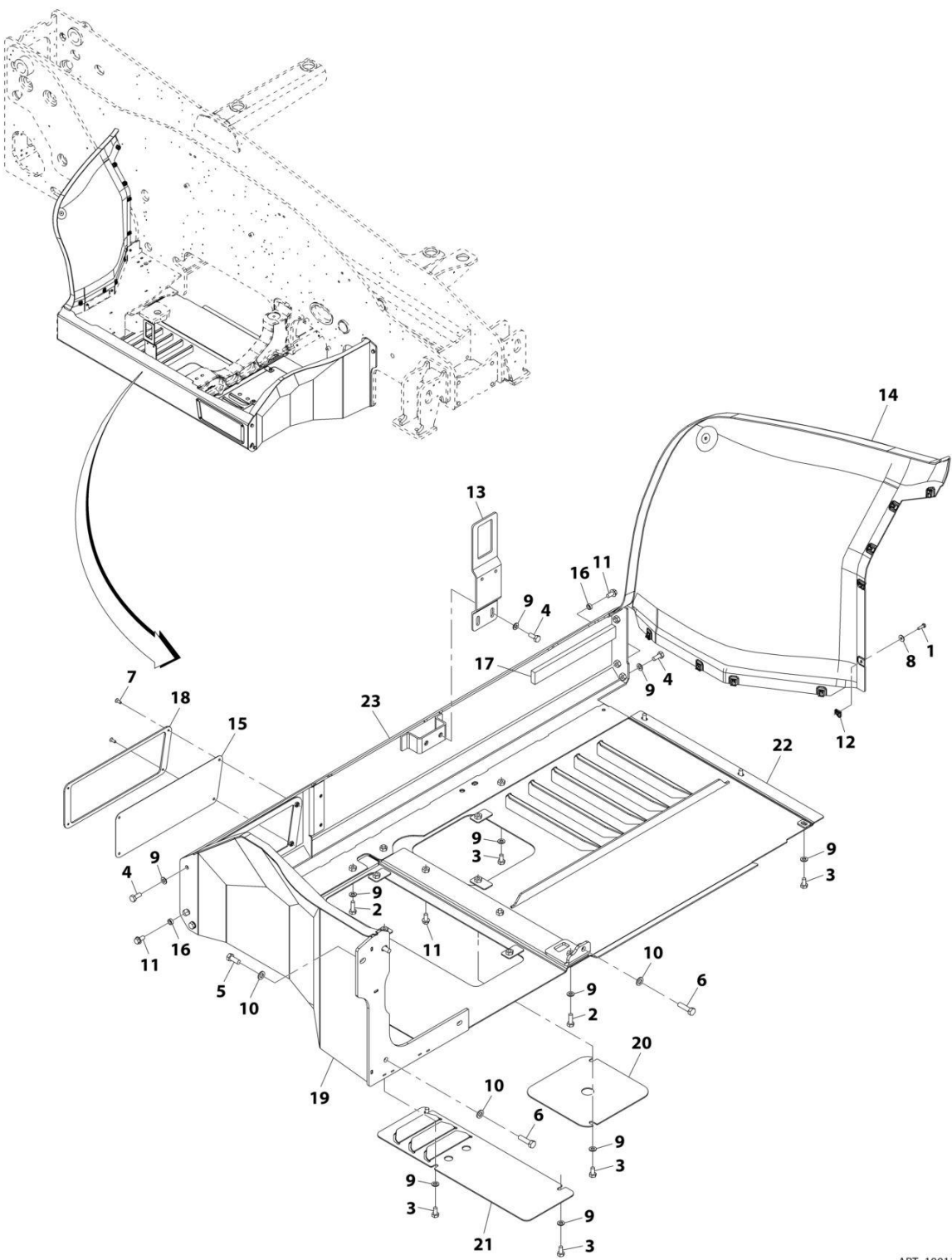
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-2. ENGINE ENCLOSURE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001257415	Ref	Engine Enclosure Installation (NO RHOC)	A
	1001195829	1	Installation, Engine Enclosure Cover (RHOC) (See Separate Breakdown in this Section)	
2	1001257414	1	Installation, Hood (See Separate Breakdown in this Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-3. ENGINE ENCLOSURE COVER INSTALLATION



ART_1001195829-C

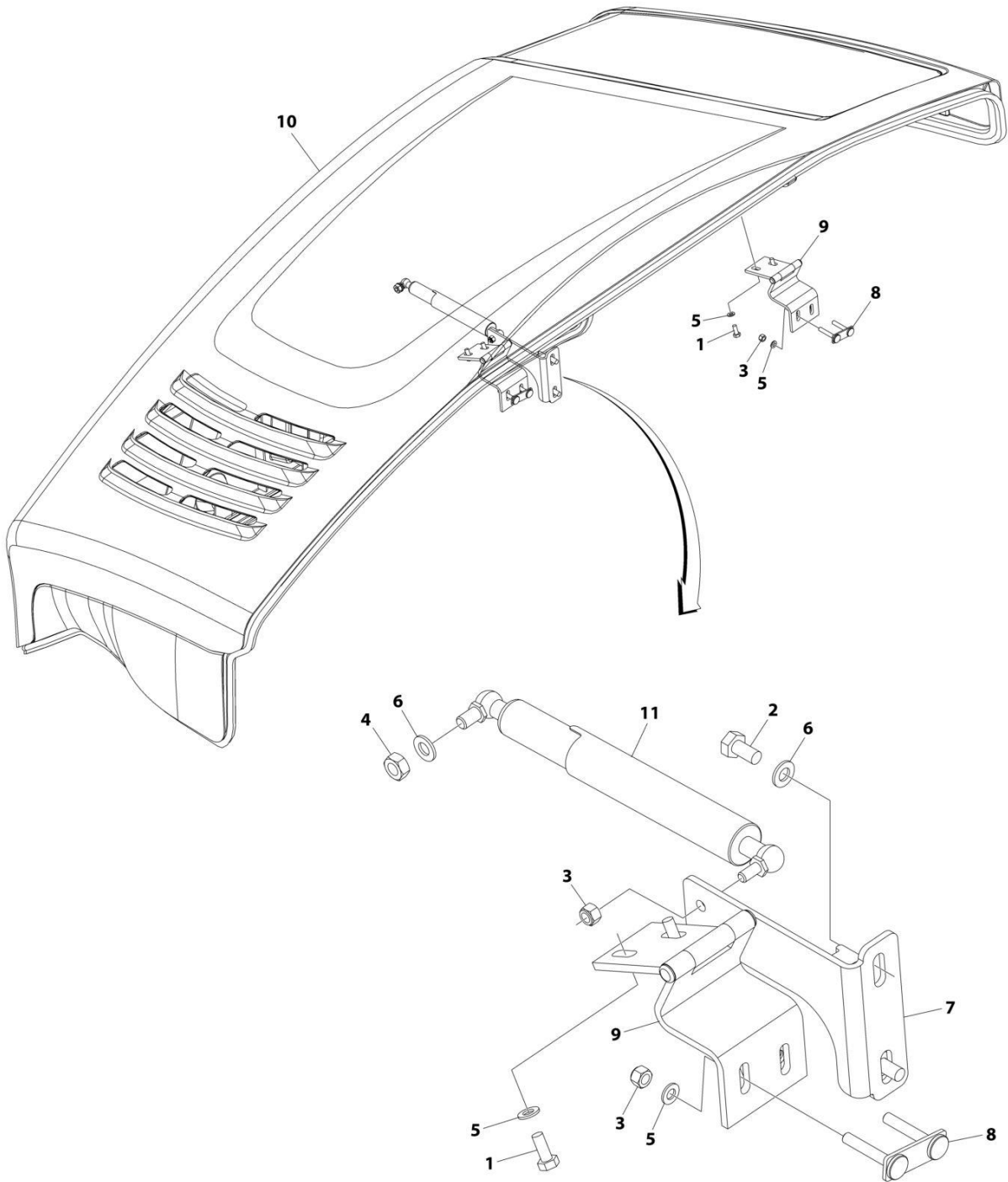
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-3. ENGINE ENCLOSURE COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195829	Ref	Engine Enclosure Cover Installation (RHOC)	E
1	0700610	9	Bolt, M6 X 20	
2	0701014	2	Bolt, M10X30	
3	0761010	10	Bolt, M10X20	
4	0761012	6	Bolt, M10X25	
5	0761214	2	Bolt, M12X30	
6	0761217	2	Bolt, M12X45	
7	3900224	4	Screw	
8	4811702	9	Washer, M6	
9	4812000	18	Washer, M10	
10	4812100	4	Washer, M12	
11	5251010	4	Bolt, M10X20 Grade 10.9	
12	8305919	9	Nut, M6	
13	1001154688	1	Plate	
14	1001184524	1	Cover, Engine Enclosure Rear	
15	1001185061	1	Grill, Engine Enclosure	
16	1001197135	2	Sleeve, Enclosure Skirt	
17	1001197266	1	Seal, Engine Enclosure	
18	1001185023J	1	Panel, Front Vent	
19	1001195210J	1	Panel, Front Enclosure	
20	1001195240J	1	Plate	
21	1001195252J	1	Plate	
22	1001201805J	1	Panel, Engine Enclosure Base	
23	1001196876J	1	Panel, Engine Enclosure Side	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-4. HOOD INSTALLATION



ART_1001257414

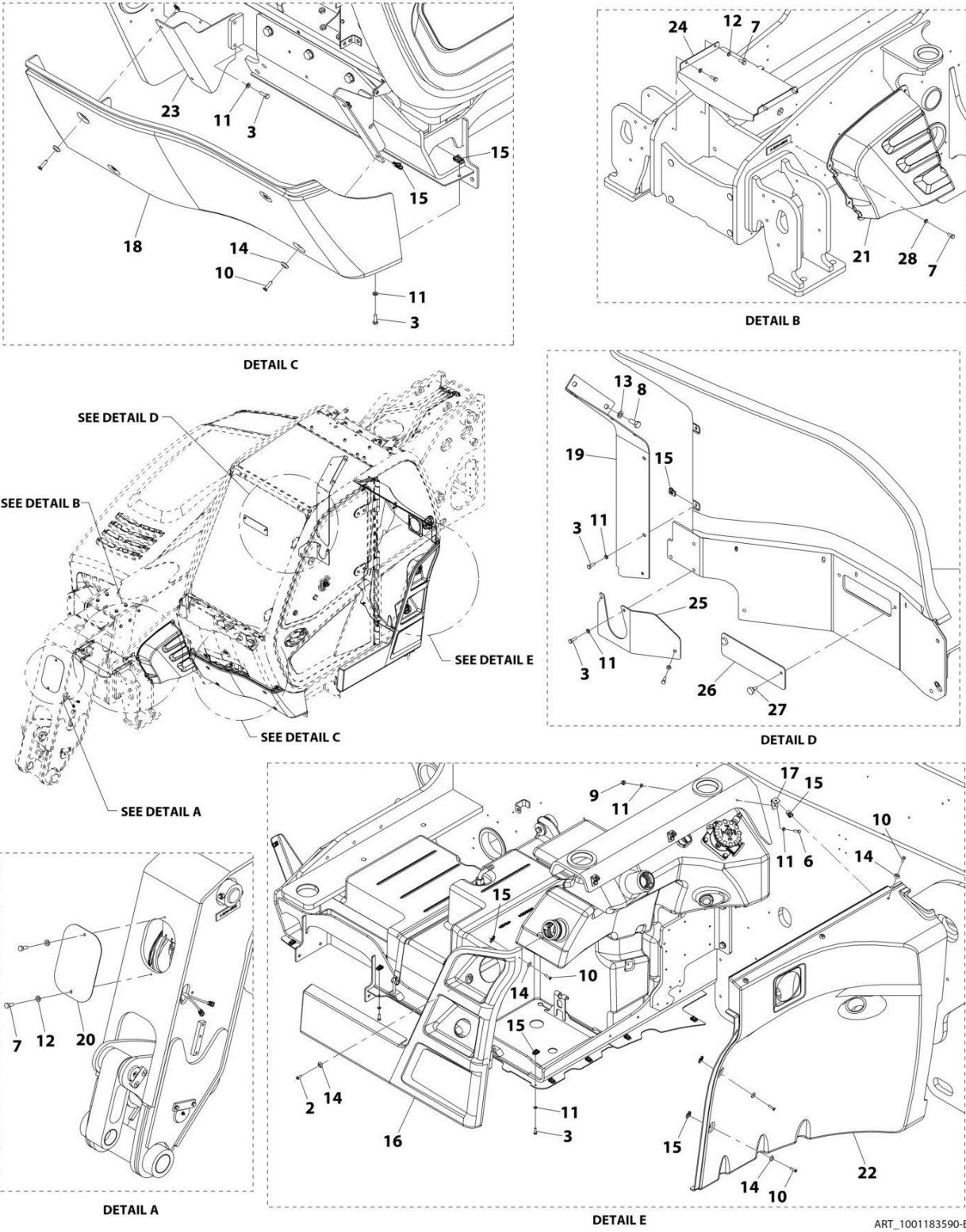
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-4. HOOD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257414	Ref	HOOD INSTALLATION	D
1	0760810	4	Bolt M8 x 20	
2	0761010	2	Bolt M10 x 20	
3	3290805	5	Nut M8	
4	3291001	1	Nut M10	
5	4811900	8	Washer M8	
6	4812000	3	Washer M10	
7	1001273847	1	Bracket	
8	1001195587	2	Brace	
9	1001205080	2	Hinge, Hood	
10	1001257413	1	Hood	
11	1001271338	1	Spring	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-5. COVER PLATES INSTALLATION (NO OUTRIGGERS - ULS)



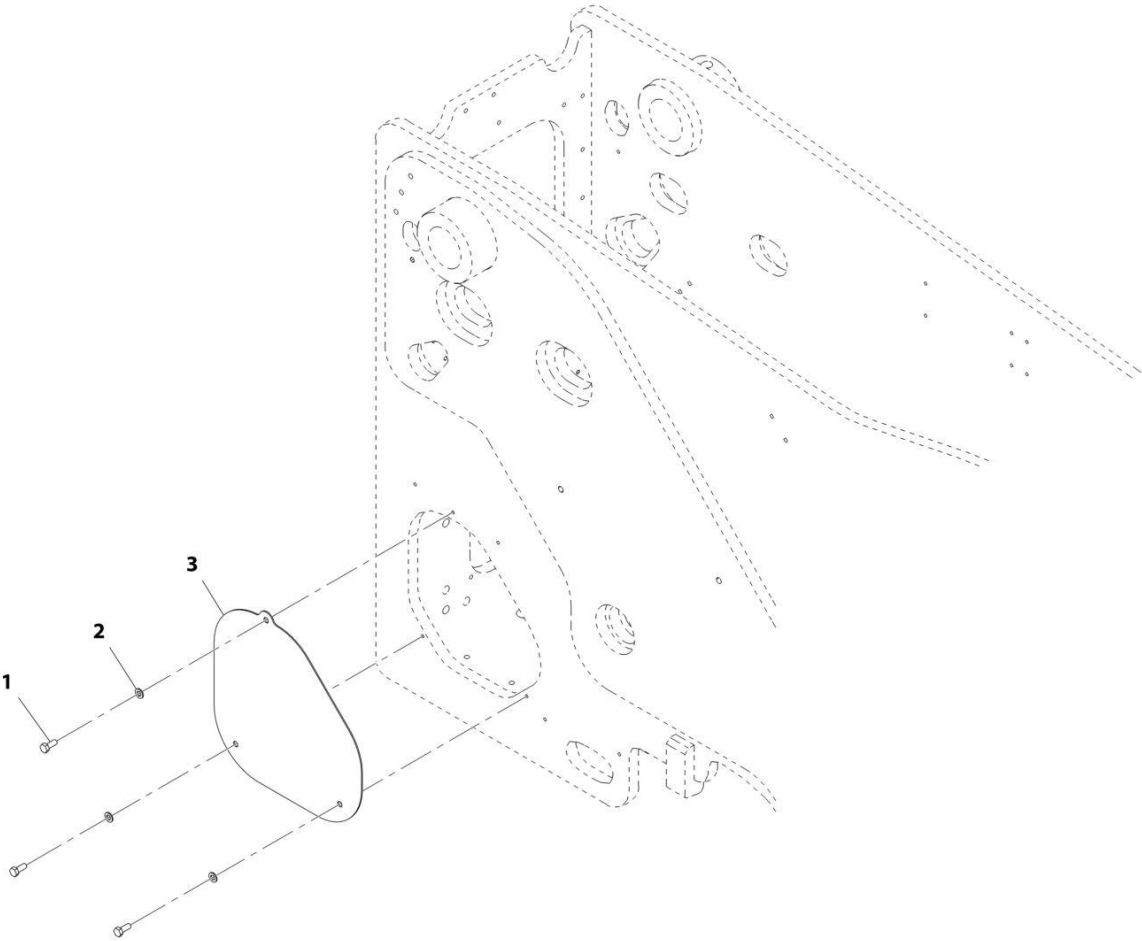
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-5. COVER PLATES INSTALLATION (NO OUTRIGGERS - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183590	Ref	Cover Plates Installation (No Outriggers - ULS)	E
2	0630576	1	Screw, M6X20	
3	0700610	14	Bolt, M6X20	
6	0760612	3	Bolt, M6X25	
7	0760810	10	Bolt, M8X20	
8	0761012	2	Bolt, M10X25	
9	3290605	3	Nut, Lock M6X1 Grade 8	
10	3900379	10	Screw, M6-1X25 Grade 10.9	
11	4811700	20	Washer, M6	
12	4811900	6	Washer, M8	
13	4812000	2	Washer, M10	
14	1001097540	11	Washer, M6	
15	8305919	18	Nut, M6	
16	1001168758	1	Cover, Side Tank	
17	1001171782	3	Plate, Angle Mount	
18	1001174328	1	Cover, Lower Front	
19	1001182210	1	Plate, Enclosure Rear	
20	1001185936	1	Plate, Cover Boom Head	
21	1001187717	1	Cover, ECU	
22	1001190408	1	Cover, Rear Tank	
23	1001191808	1	Bracket, Cover	
24	1001189984J	1	Panel, Frame	
25	1001201504J	1	Panel, Cover	
26	1001216923J	1	Plate, Radiator Cover	
27	2080092	2	Screw, Thumb M6X20	
28	4811902	4	Washer, M8	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-6. COVER PLATE INSTALLATION (NO TRAILER BRAKES)



ART_1001203386-A

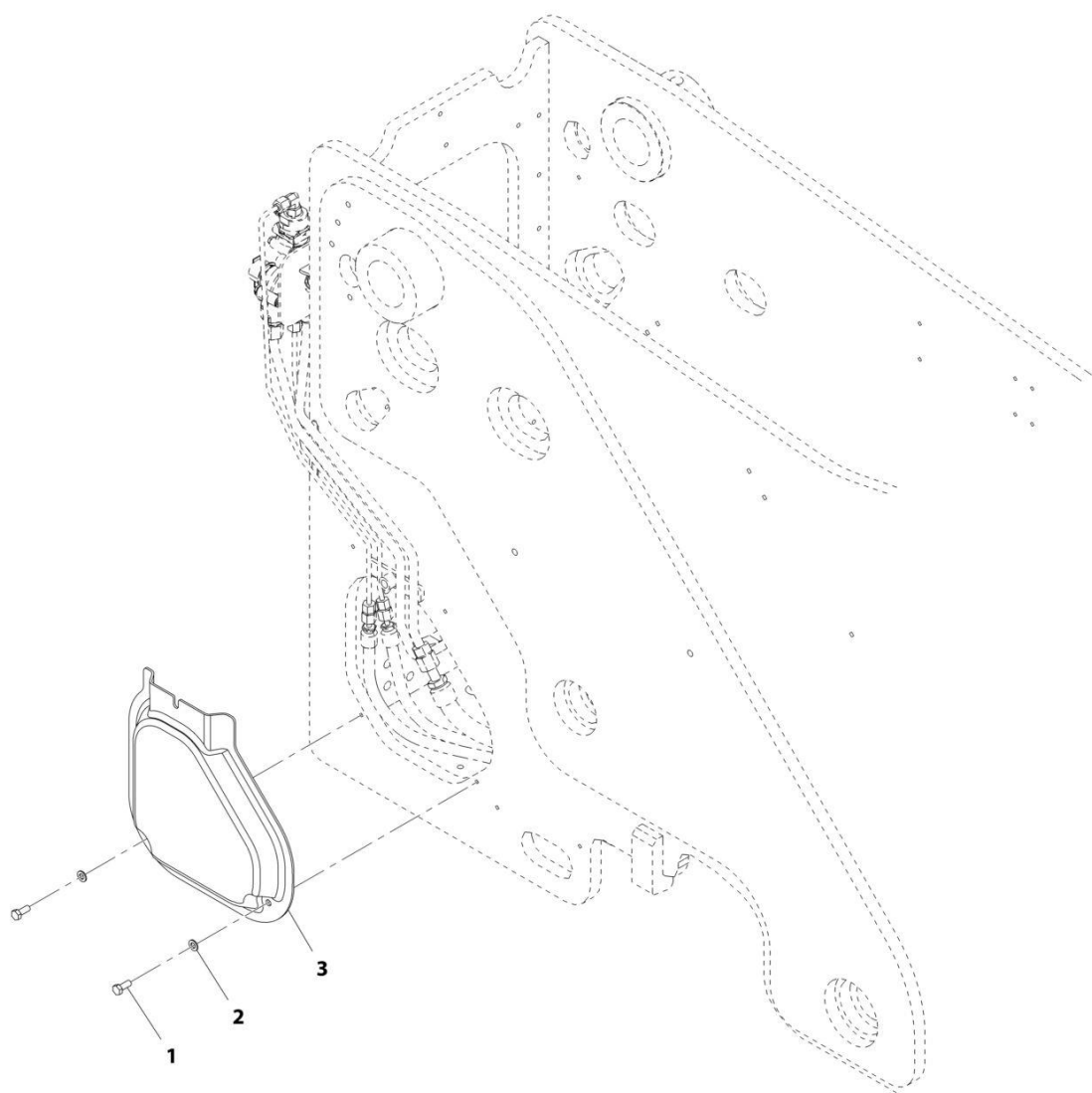
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-6. COVER PLATE INSTALLATION (NO TRAILER BRAKES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203386	Ref	Cover Plate Installation (No Trailer Brakes)	A
1	0760810	3	Bolt, M8X20	
2	4811900	3	Washer, M8	
3	1001180574J	1	Plate, Cover	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-7. COVER PLATE INSTALLATION (TRAILER BRAKES)



ART_1001203406-A

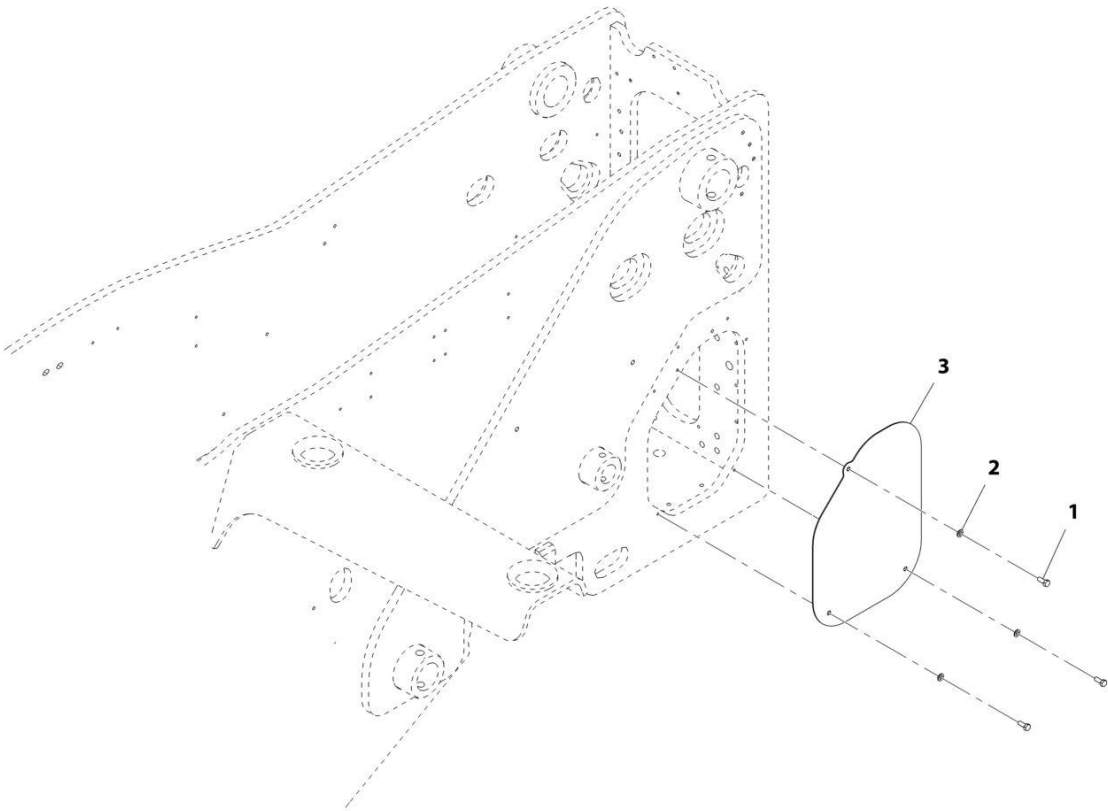
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-7. COVER PLATE INSTALLATION (TRAILER BRAKES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203406	Ref	Cover Plate Installation (Trailer Brakes)	A
1	0760810	2	Bolt, M8X20	
2	4811900	2	Washer, M8	
3	1001203410	1	Cover, Frame	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-8. COVER PLATE INSTALLATION (NO REAR AUX)



ART_1001203374-A

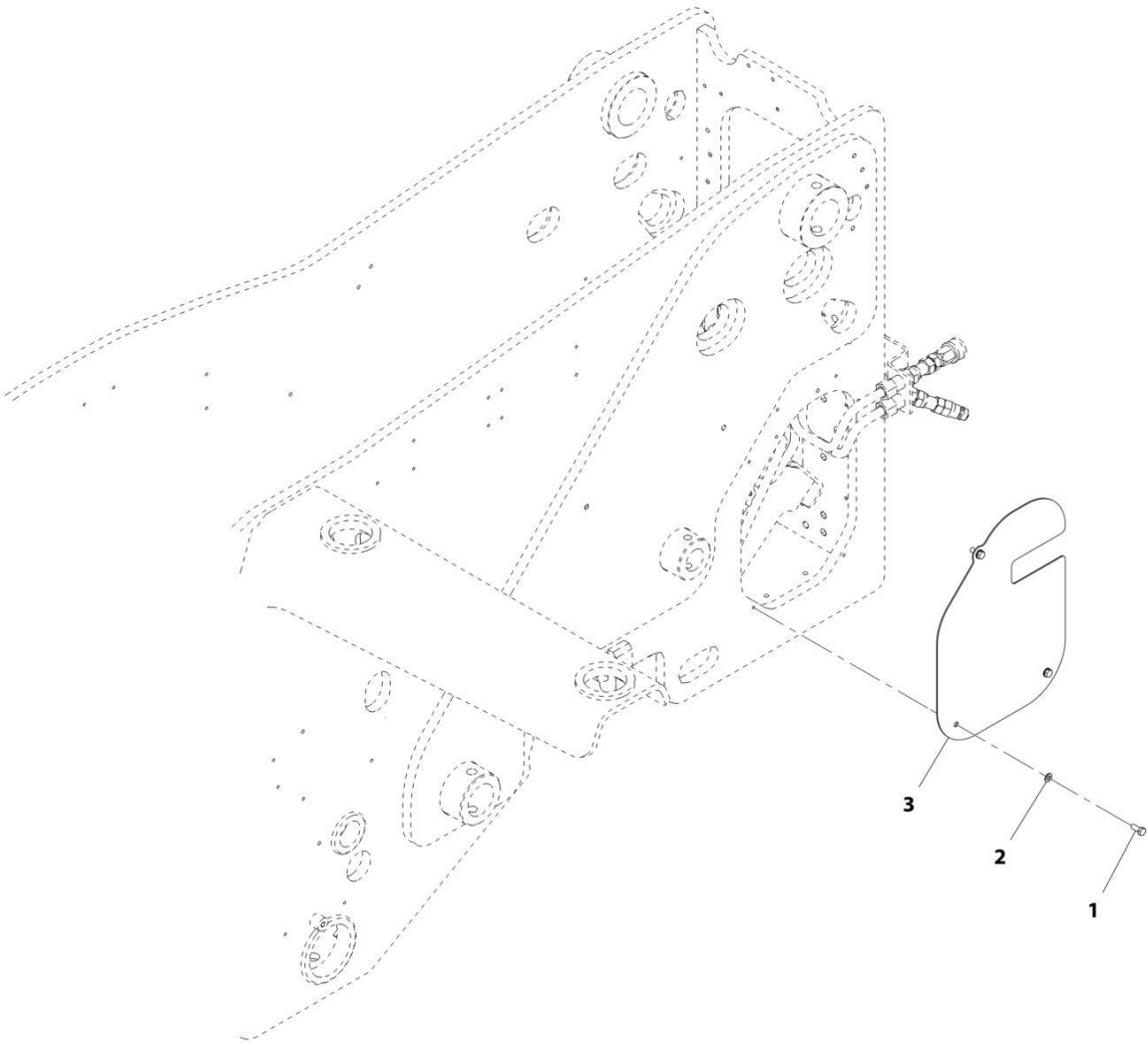
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-8. COVER PLATE INSTALLATION (NO REAR AUX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203374	Ref	Cover Plate Installation (No Rear Aux)	A
1	0760810	3	Bolt, M8X20	
2	4811900	3	Washer, M8	
3	1001183908J	1	Plate, Cover	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-9. COVER PLATE INSTALLATION (REAR AUX)



ART_1001203402-B

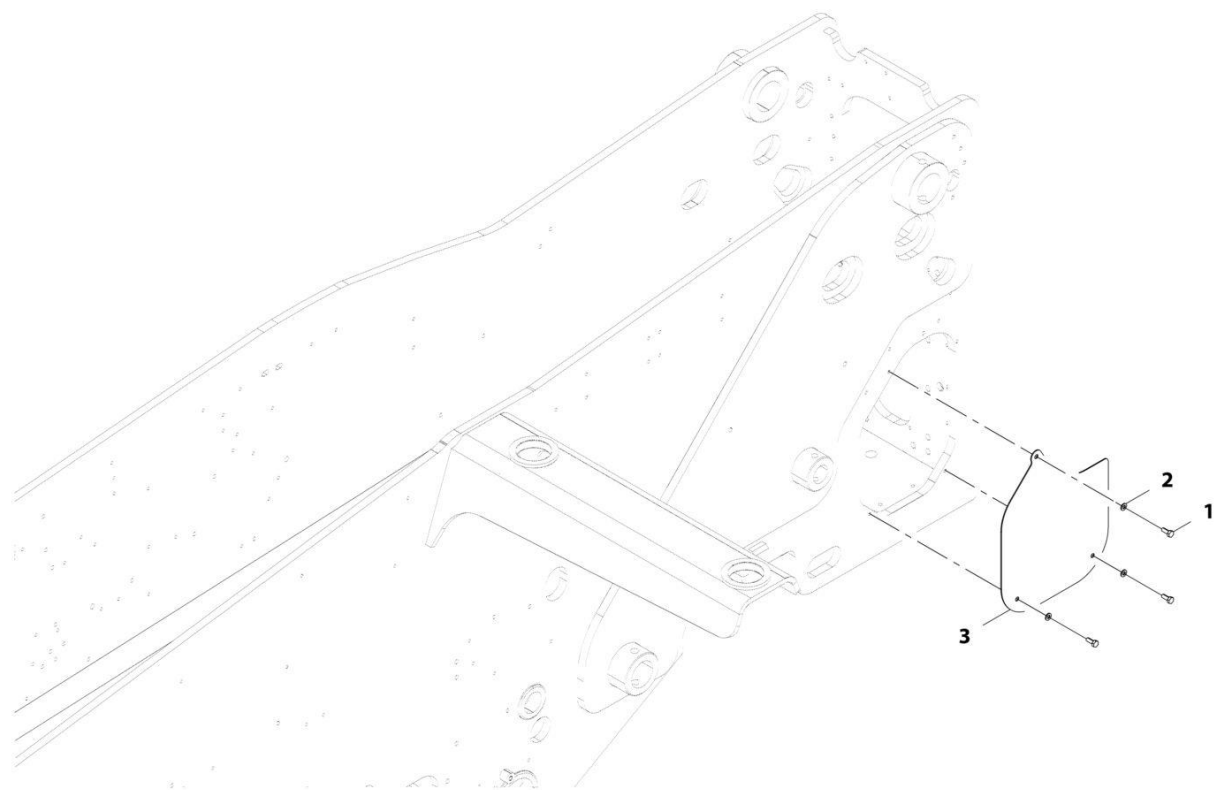
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-9. COVER PLATE INSTALLATION (REAR AUX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203402	Ref	Cover Plate Installation (Rear Aux)	B
1	0760810	3	Bolt, M8X20	
2	4811900	3	Washer, M8	
3	1001203408J	1	Plate, Cover	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-10. COVER PLATE INSTALLATION (HYDRAULIC HITCH AND REAR AUX)



ART_1001214492-A

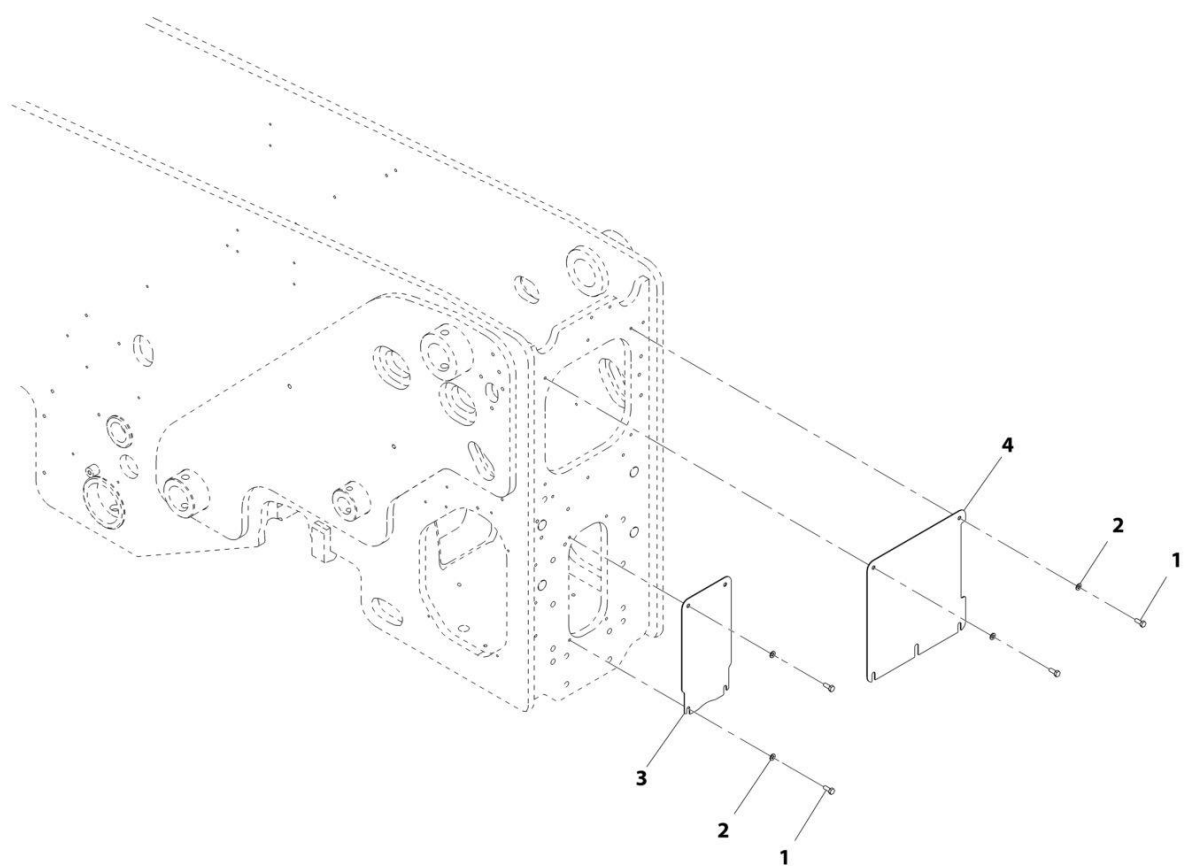
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-10. COVER PLATE INSTALLATION (HYDRAULIC HITCH AND REAR AUX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214492	Ref	Cover Plate Installation (Hydraulic Hitch and Rear Aux)	A
1	0760810	3	Bolt, M8X20	
2	4811900	3	Washer, M8	
3	1001214036J	1	Plate	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-11. REAR COVER PLATE INSTALLATION (NO HYDRAULIC HITCH)



ART_1001203291-B

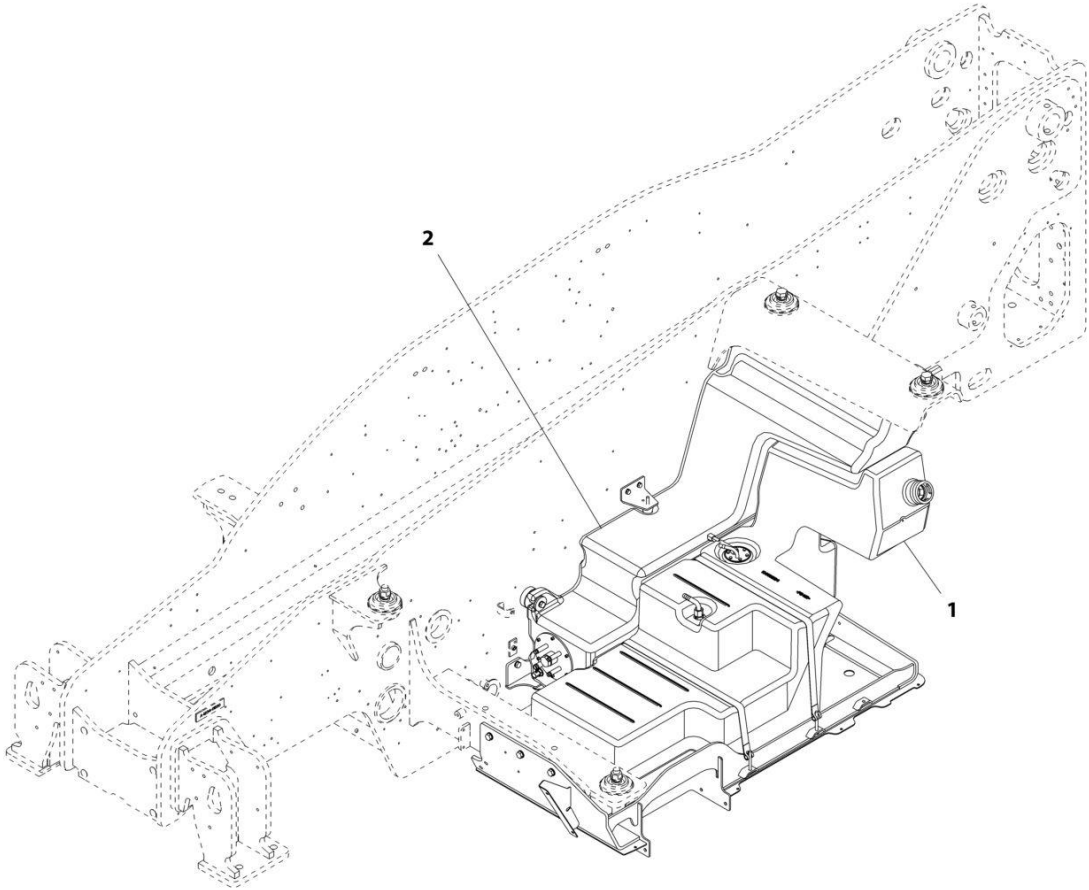
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-11. REAR COVER PLATE INSTALLATION (NO HYDRAULIC HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203291	Ref	Rear Cover Plate Installation (No Hydraulic Hitch)	B
1	0760810	8	Bolt, M8X20	
2	4811900	8	Washer, M8	
3	1001183909J	1	Plate, Cover	
4	1001183910J	1	Plate, Cover	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-12. TANKS INSTALLATION



ART_1001176964-B

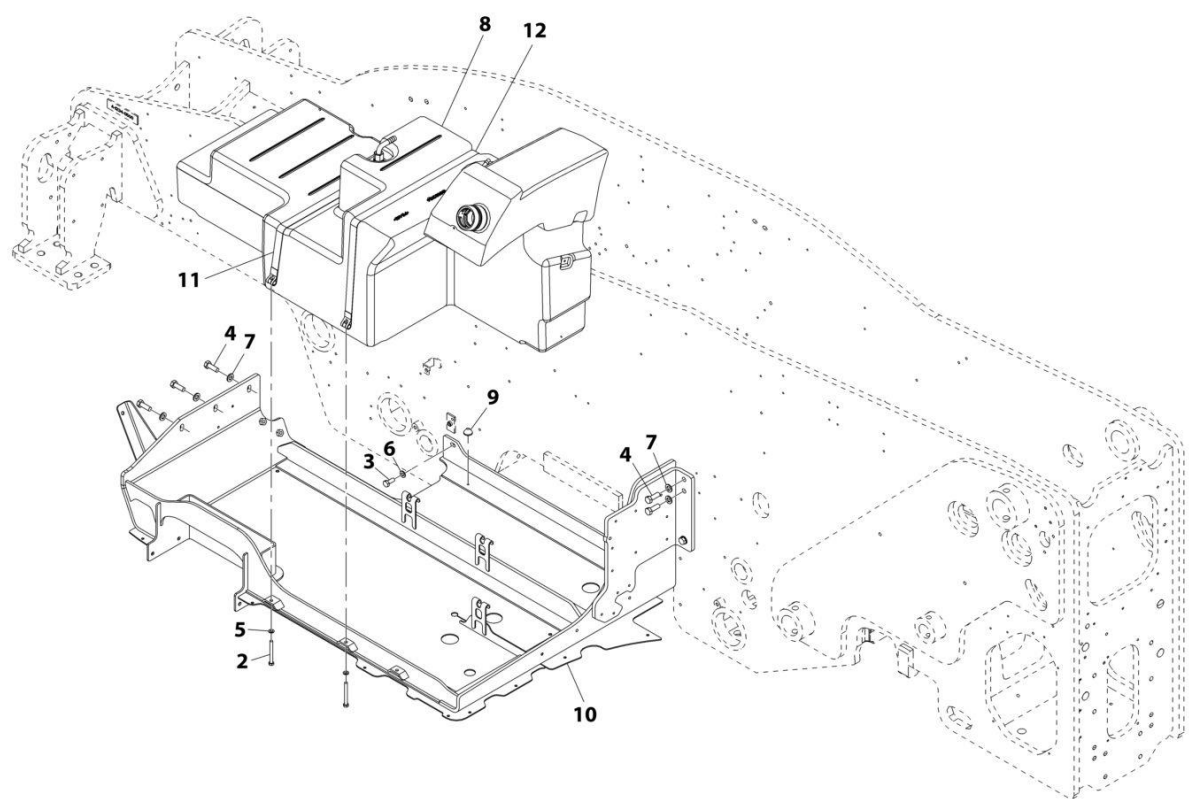
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-12. TANKS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001176964	Ref	Tanks Installation	B
	1001176965	Ref	Installation, Fuel Tank (See Separate Breakdown in this Section)	
	1001176966	Ref	Installation, Hydraulic Tank (See Separate Breakdown in this Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-13. FUEL TANK INSTALLATION



ART_1001176965-D

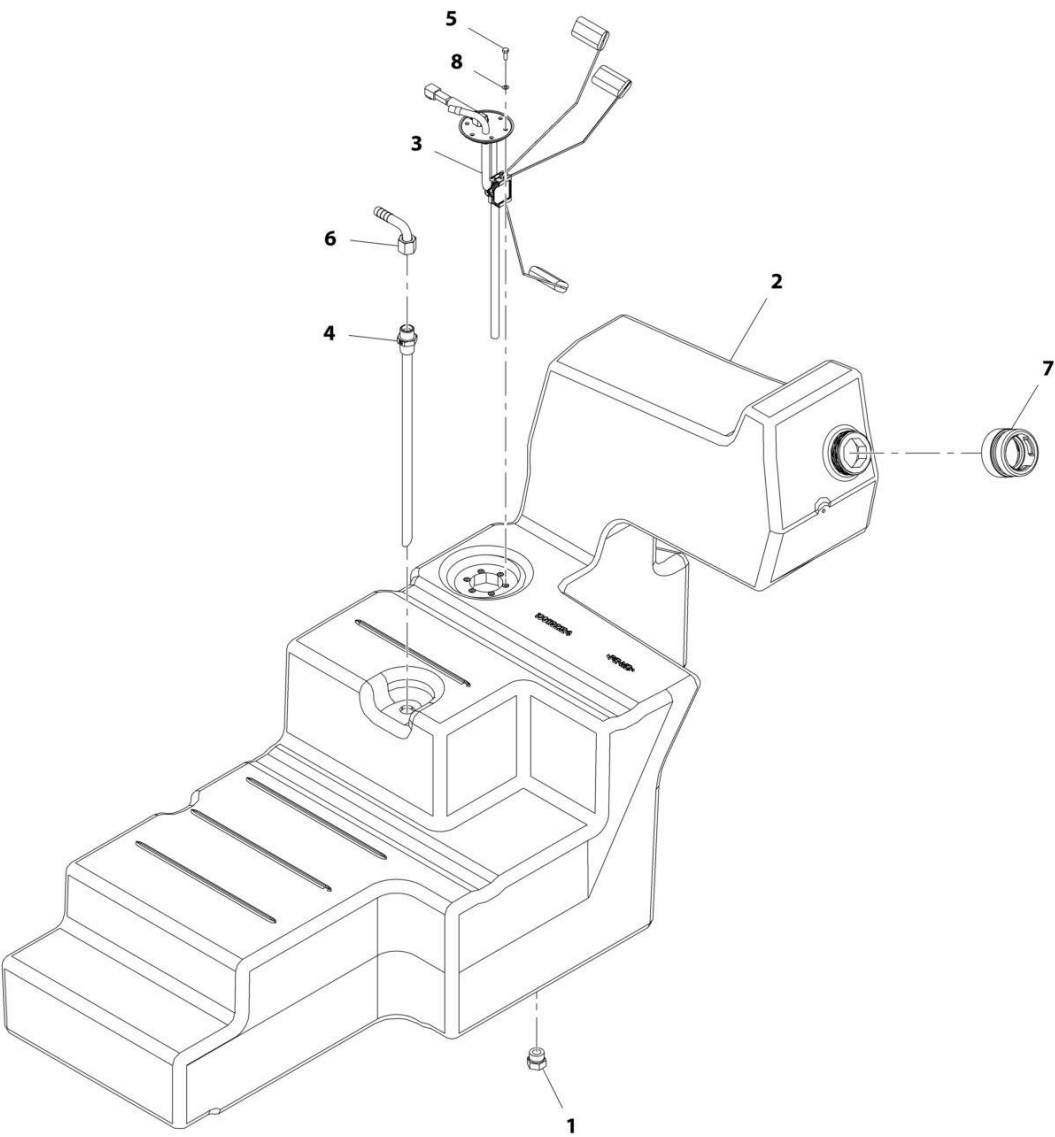
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-13. FUEL TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176965	Ref	Fuel Tank Installation	D
2	0760823	2	Bolt, M8X75	
3	0761012	1	Bolt, M10X25	
4	0761215	6	Bolt, M12X35	
5	4811900	2	Washer, M8	
6	4812000	1	Washer, M10	
7	4812100	6	Washer, M12	
8	1001192125	1	Assembly, Fuel Tank (See Separate Breakdown in this Section)	
9	1001169454	4	Mount	
10	1001197360	1	Support, Plate	
11	1001178474	1	Strap, Tank	
12	1001178693	1	Strap, Tank	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-14. FUEL TANK ASSEMBLY



ART_1001192125-C

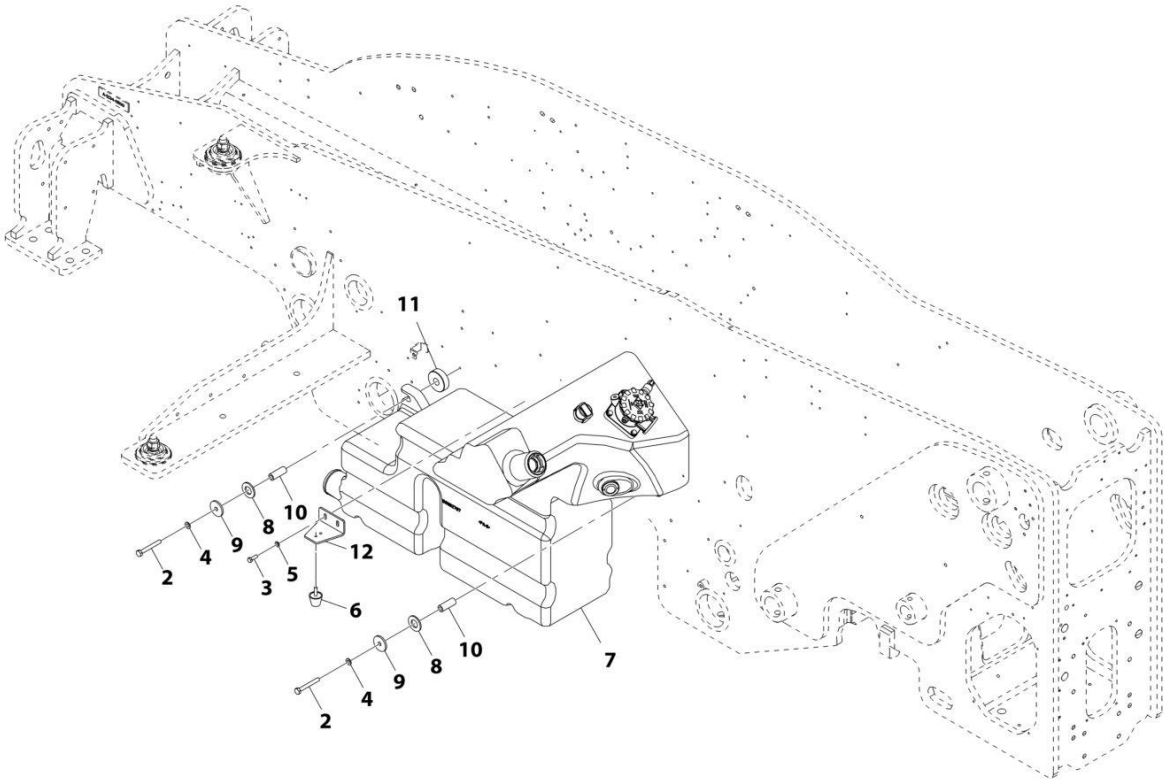
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-14. FUEL TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192125	Ref	FUEL TANK ASSEMBLY	C
1	1001003427	1	Plug	
2	1001192124	1	Tank, Fuel	
3	1001222188	1	Pump, Fuel	
4	1001170106	1	Pipe, Fuel Supply	
5	4031607	6	Bolt, M5X16	
6	1001172693	1	Fitting, 90	
7	1001192392	1	Adapter	
8	1001222190	6	Washer	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-15. HYDRAULIC TANK INSTALLATION



ART_1001176966-C

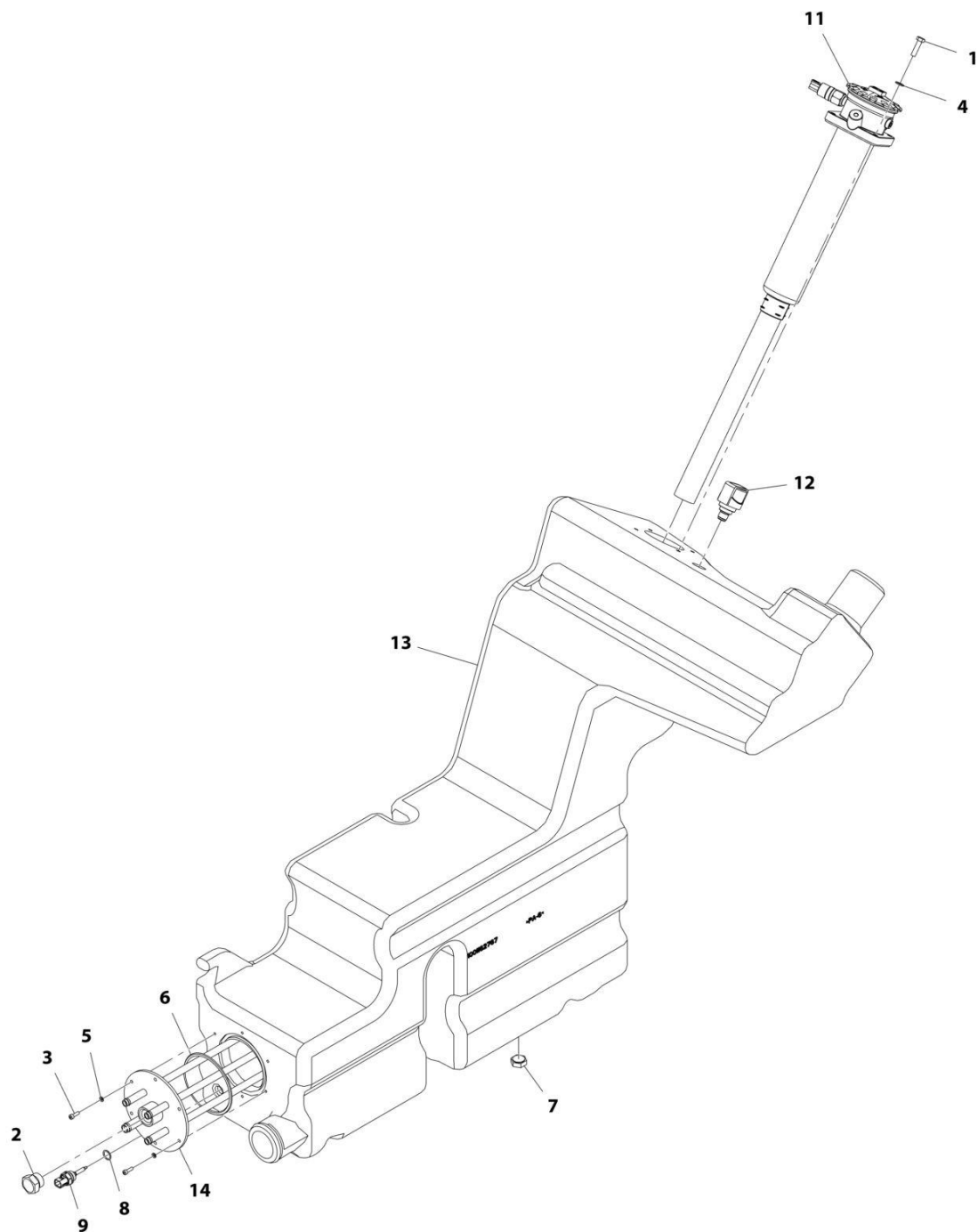
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-15. HYDRAULIC TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176966	Ref	Hydraulic Tank Installation	C
2	0701024	2	Bolt, M10X80	
3	0760812	2	Bolt, M8X25	
4	4812000	2	Washer, M10	
5	4811900	2	Washer, M8	
6	1001008575	1	Bumper	
7	1001191521	1	Assembly, Hydraulic Tank (See Separate Breakdown in this Section)	
8	1001172146	2	Washer	
9	1001172147	2	Washer, M10	
10	1001177060	2	Sleeve, Spacer	
11	1001177062	2	Washer	
12	1001177082	1	Bracket, Frame	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-16. HYDRAULIC TANK ASSEMBLY



ART_1001191521-D

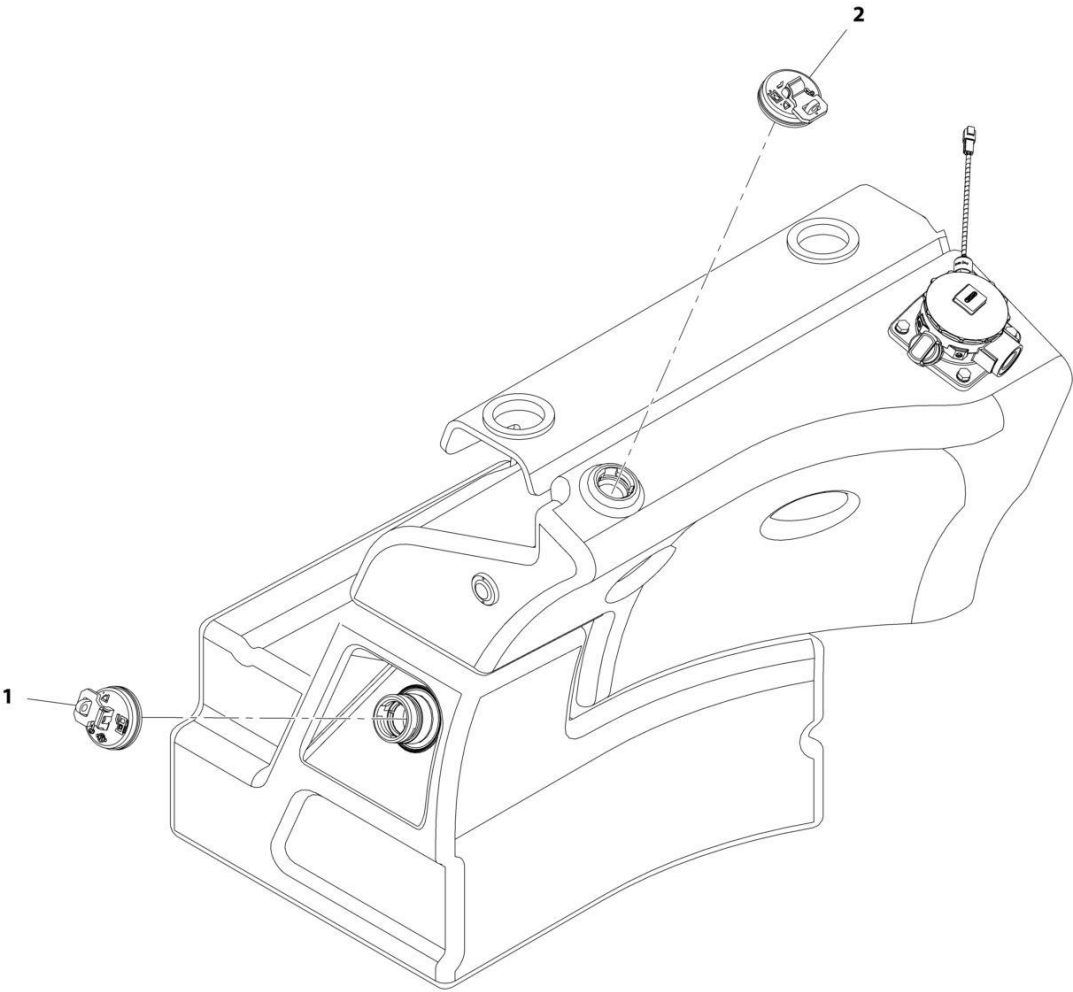
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-16. HYDRAULIC TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191521	Ref	HYDRAULIC TANK ASSEMBLY	D
1	0700814	4	Bolt M8 x 30	
2	2220240	1	Plug	
3	4031607	6	Screw M5 x 16	
4	4811900	4	Washer M8	
5	4831600	6	Washer, Lock M5	
6	1001003301	1	O-Ring	
7	2220239	1	Plug	
8	1001009163	1	O-Ring	
9	1001128478	1	Sensor, Hydraulic Oil Temperature	
11	1001162659	1	Filter, Hydraulic	
12	1001162662	1	Filter, Breather	
13	1001162767	1	Tank, Hydraulic	
14	1001191533	1	Manifold, Hydraulic Return	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-17. FUEL AND HYDRAULIC CAP INSTALLATION



ART_1001197275-A

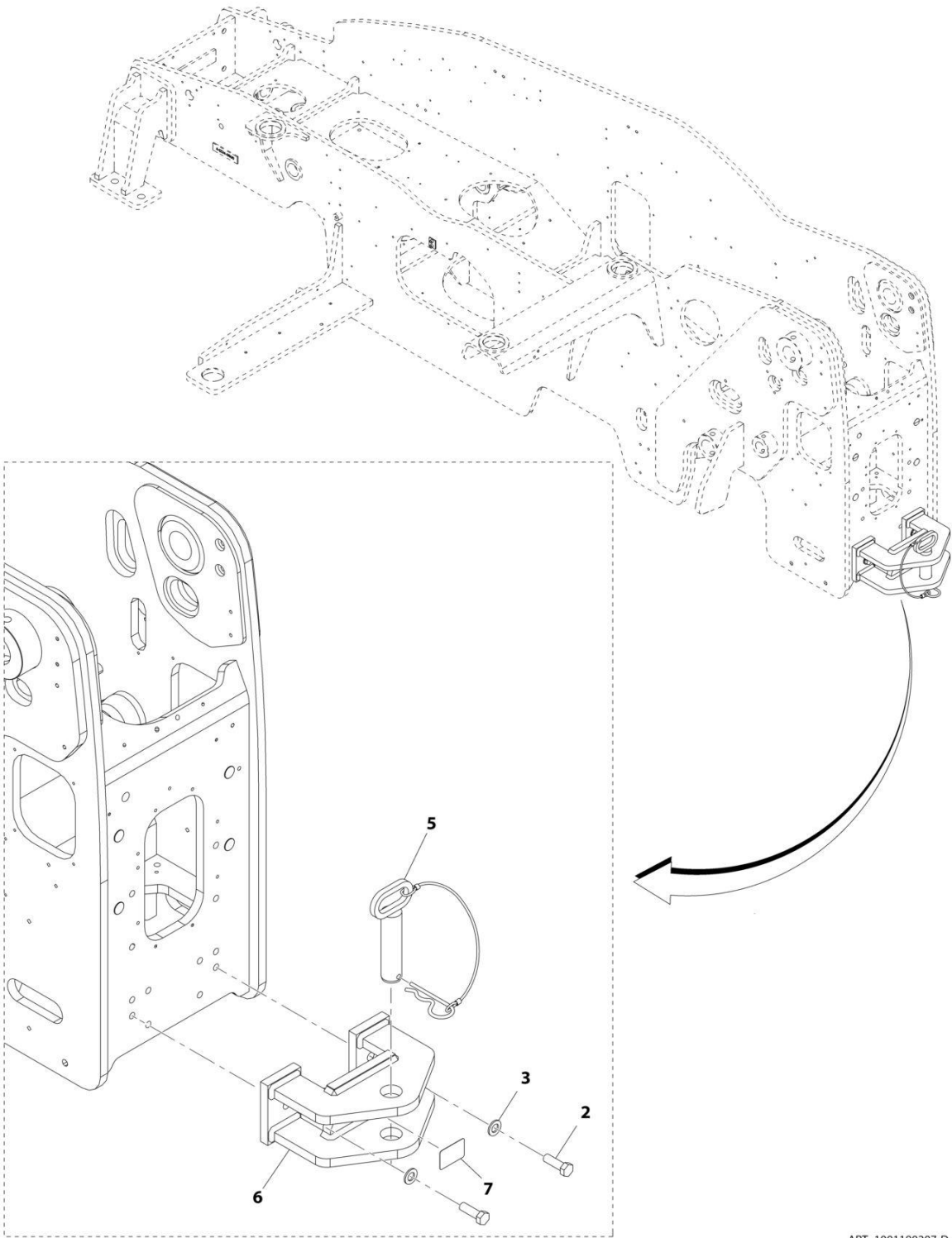
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-17. FUEL AND HYDRAULIC CAP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197275	Ref	Fuel and Hydraulic Cap Installation	A
1	1001142658	1	Cap, Fuel	
2	1001142659	1	Cap, Hydraulic	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-18. HITCH RETRIEVAL INSTALLATION



ART_1001180207-D

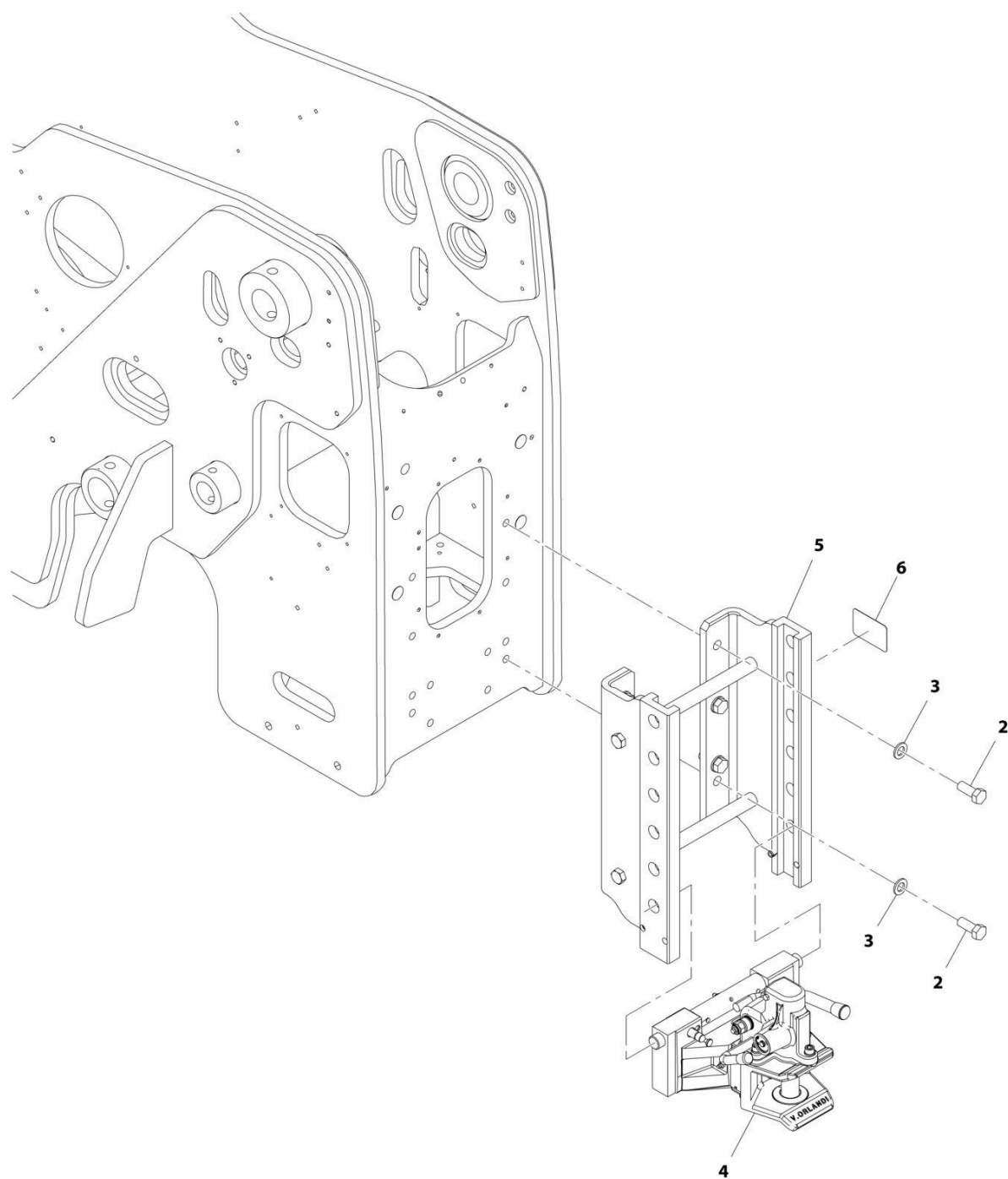
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-18. HITCH RETRIEVAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180207	Ref	Hitch Retrieval Installation	D
2	0771618	2	Bolt, M16X50 Grade 10.9	
3	5241600	2	Washer, M16	
6	1001106570	NLA	Hitch, Retrieval (no longer available, use 1001238460 for replacement)	
6	1001238460	1	Hitch, Retrieval	
7	1001241674	1	Decal, Retrieval Point	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-19. HITCH INSTALLATION (EEC AUTO)



ART_1001180196-C

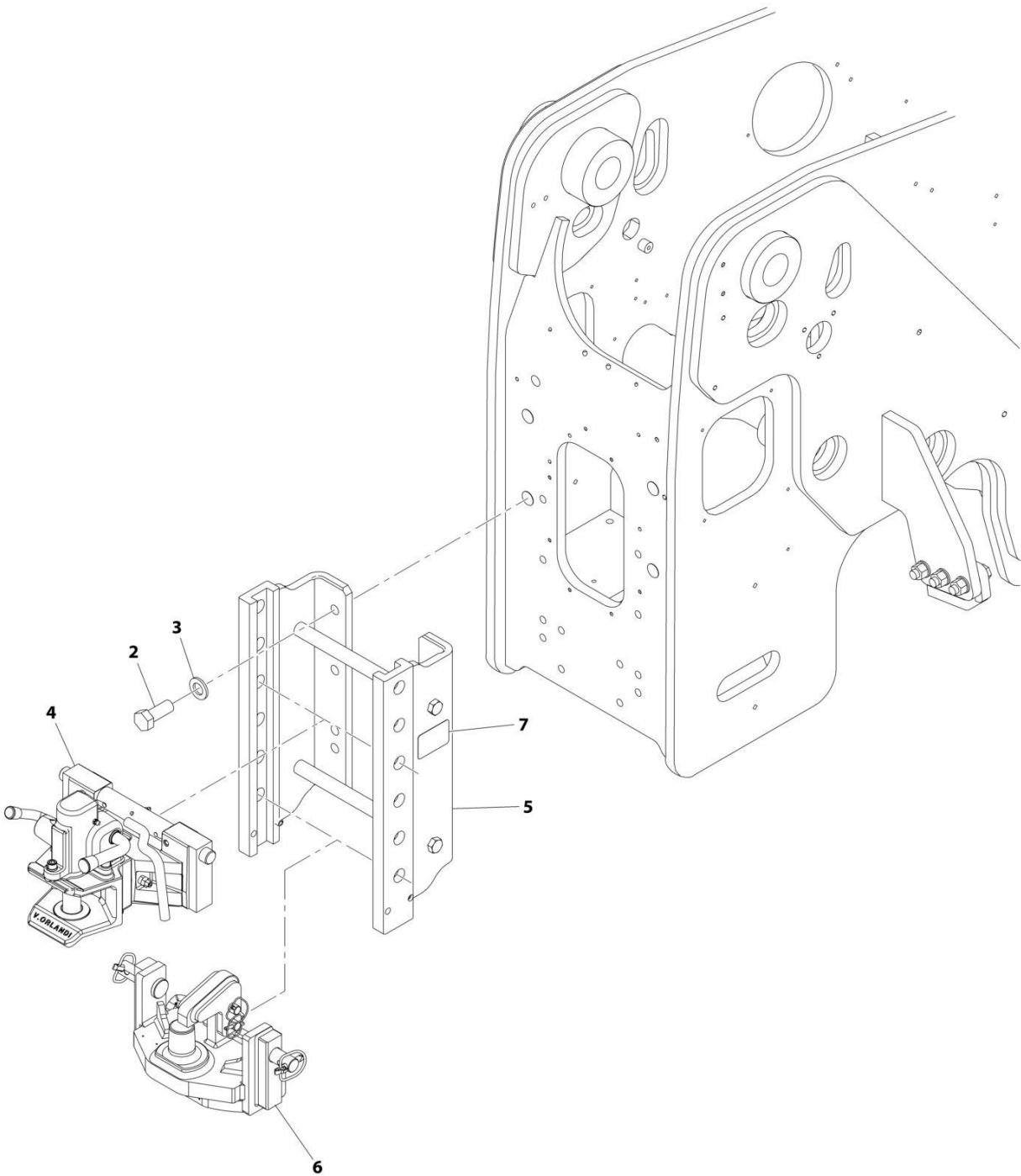
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-19. HITCH INSTALLATION (EEC AUTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180196	Ref	Hitch Installation (EEC Auto)	C
2	0701616	8	Bolt, M16X40	
3	4812300	8	Washer, M6	
4	1001098629	1	Assembly, Hitch (EEC Auto) (See Separate Breakdown in this Section)	
5	1001183274	1	Hitch, Sliding Towing Bracket	
6	1001241674	1	Decal, Retrieval Point	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-20. HITCH INSTALLATION (PITON)



ART_1001180202-C

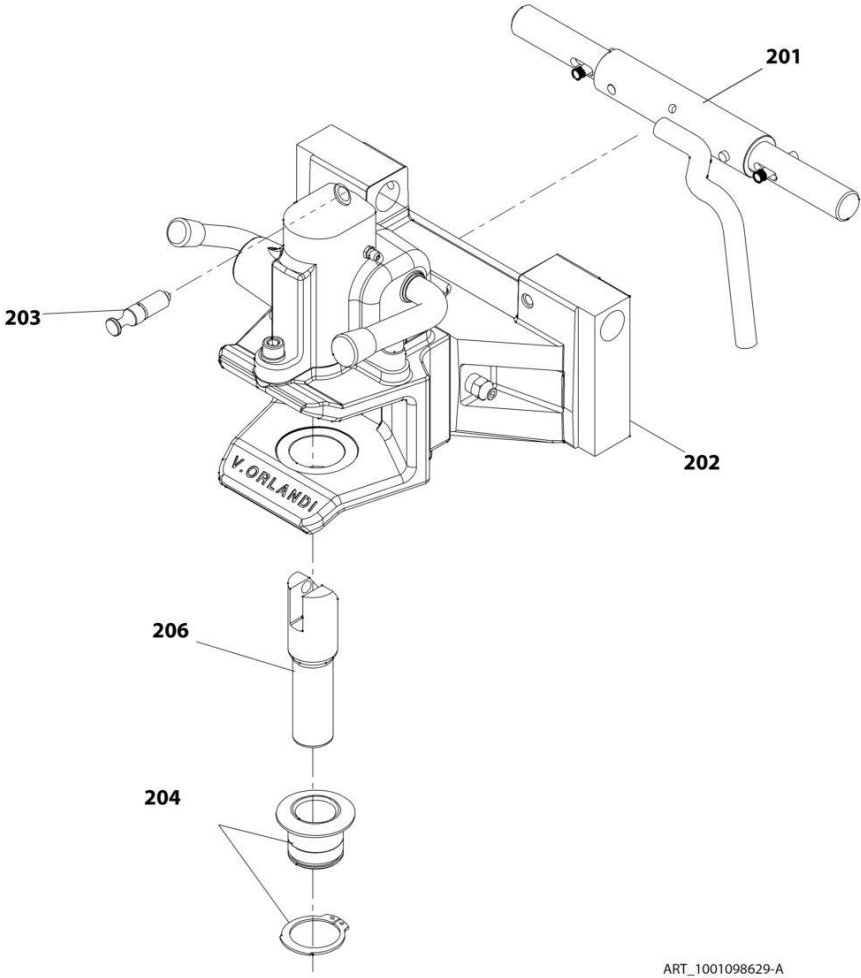
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-20. HITCH INSTALLATION (PITON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180202	Ref	Hitch Installation (Piton)	C
2	0701616	8	Bolt, M16X40	
3	4812300	8	Washer, M16	
4	1001098629	1	Assembly, Hitch (EEC AUTO) (See Separate Breakdown in this Section)	
5	1001183274	1	Hitch, Sliding Towing Bracket	
6	1001185248	1	Hitch, Sliding (Piton) (See Separate Breakdown in this Section)	
7	1001241674	1	Decal, Retrieval Point	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-21. HITCH ASSEMBLY (EEC AUTO)



ART_1001098629-A

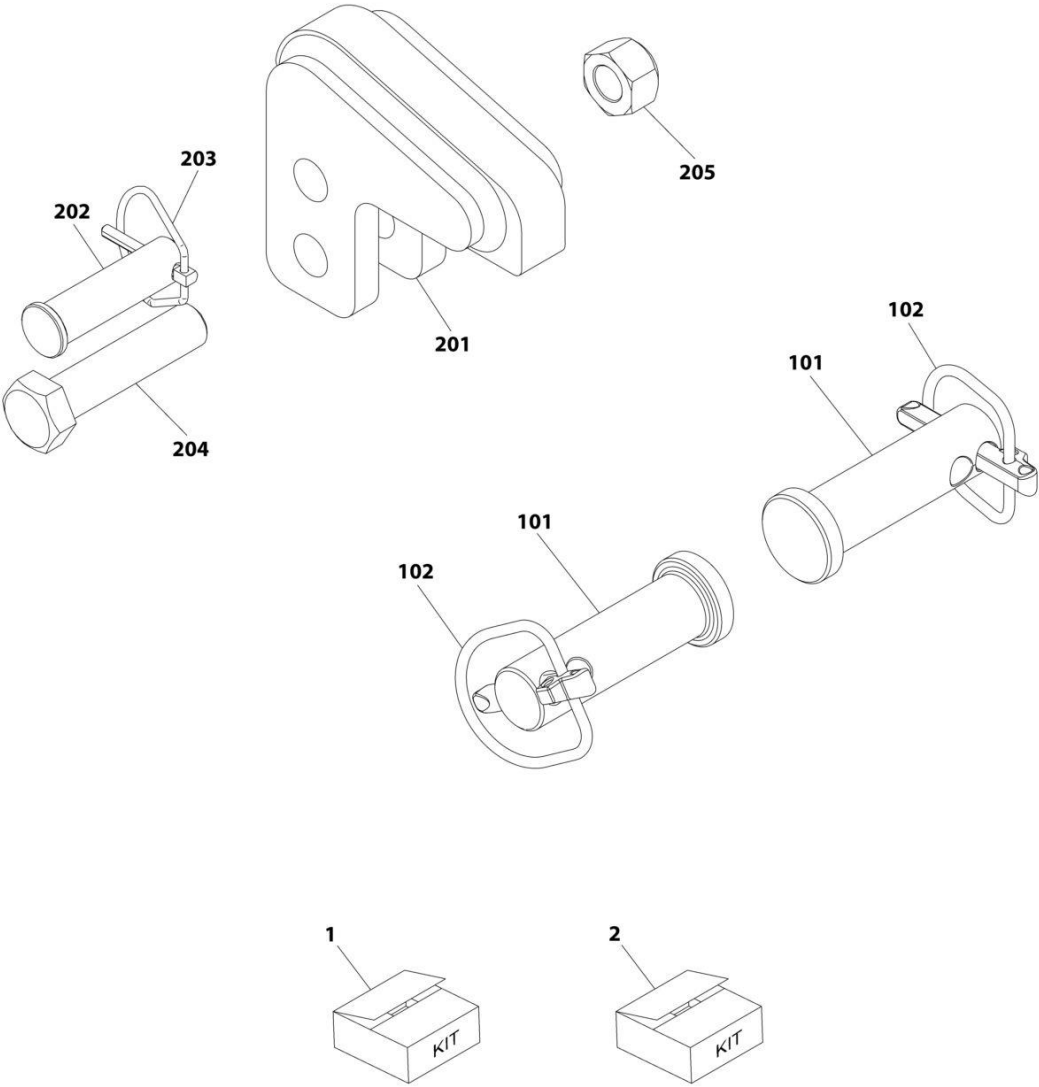
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-21. HITCH ASSEMBLY (EEC AUTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098629	Ref	Hitch Assembly (EEC Auto)	A
201	70022821	1	Lever, Opening	
202	70022822	1	Mechanism, Box	
203	70022823	1	Pivot, Security	
204	70022824	1	Bushing	
206	70022825	1	Pin	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-22. SLIDING HITCH ASSEMBLY (PITON)



ART_1001185248-A

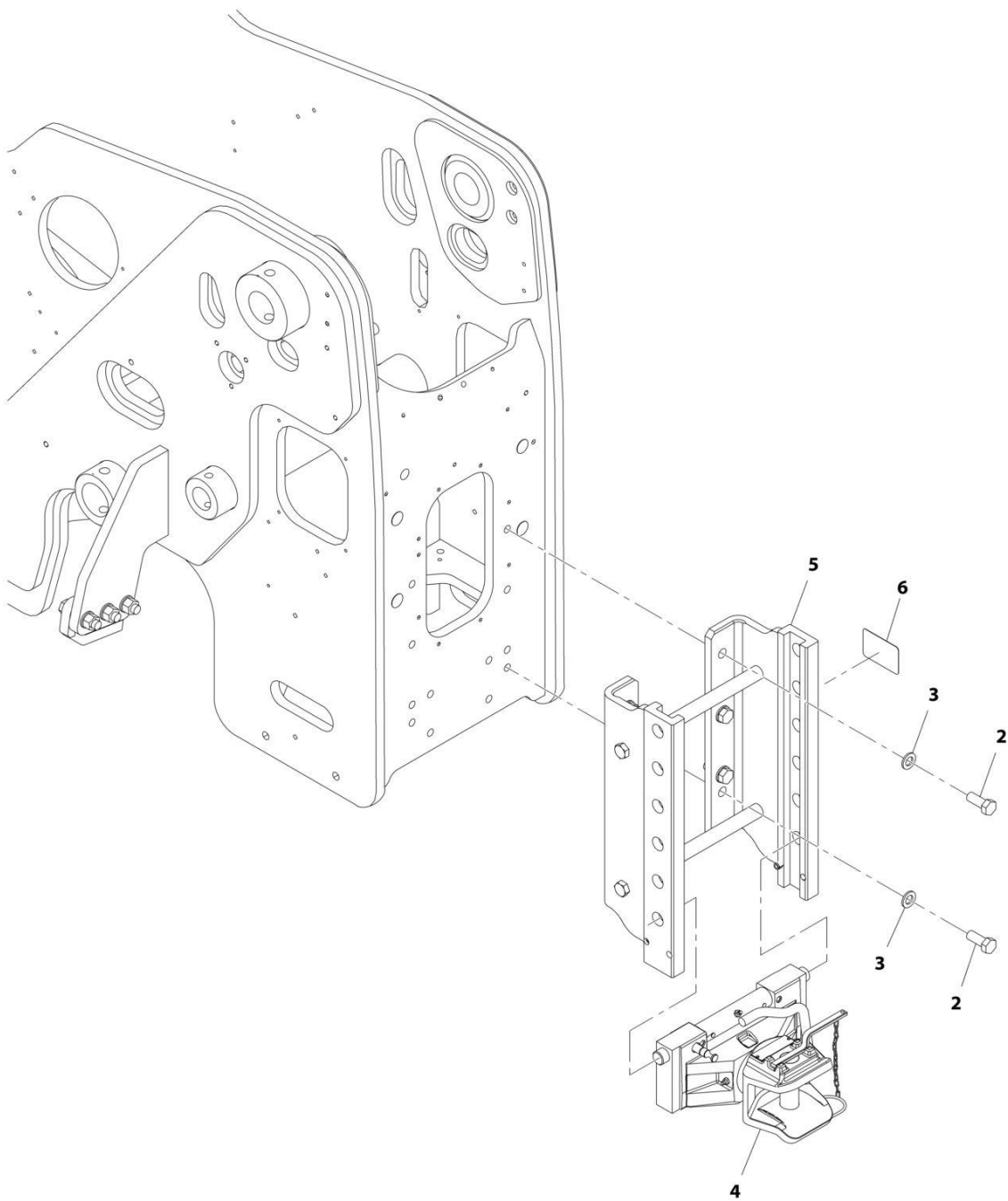
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-22. SLIDING HITCH ASSEMBLY (PITON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185248	Ref	Sliding Hitch Assembly (Piton)	A
1	70027175	1	Kit, Pins (includes items 101 and 102)	
2	70027174	1	Kit, Keeper (includes items 201 thru 205)	
101	Kit	2	Pin	
102	Kit	2	Pin, Safety	
201	Kit	1	Keeper	
202	Kit	1	Pin	
203	Kit	1	Pin, Safety	
204	Kit	1	Bolt, M20X95	
205	Kit	1	Nut	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-23. HITCH INSTALLATION (EEC MANUAL)



ART_1001180198-C

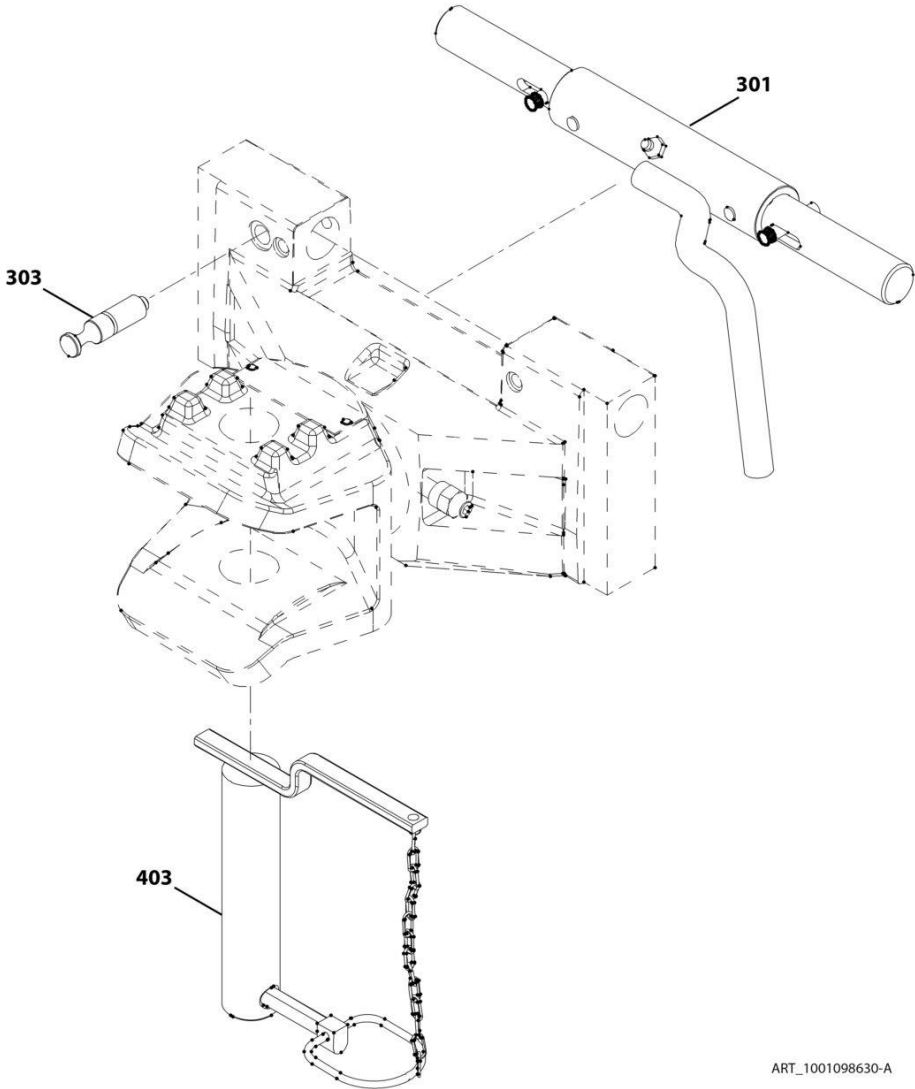
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-23. HITCH INSTALLATION (EEC MANUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180198	Ref	Hitch Installation (EEC Manual)	C
2	0701616	8	Bolt, M16X40	
3	4812300	8	Washer, M16	
4	1001098630	1	Assembly, Hitch (EEC Manual) (See Separate Breakdown in this Section)	
5	1001183274	1	Hitch, Sliding Towing Bracket	
6	1001241674	1	Decal, Retrieval Point	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-24. HITCH ASSEMBLY (EEC MANUAL)



ART_1001098630-A

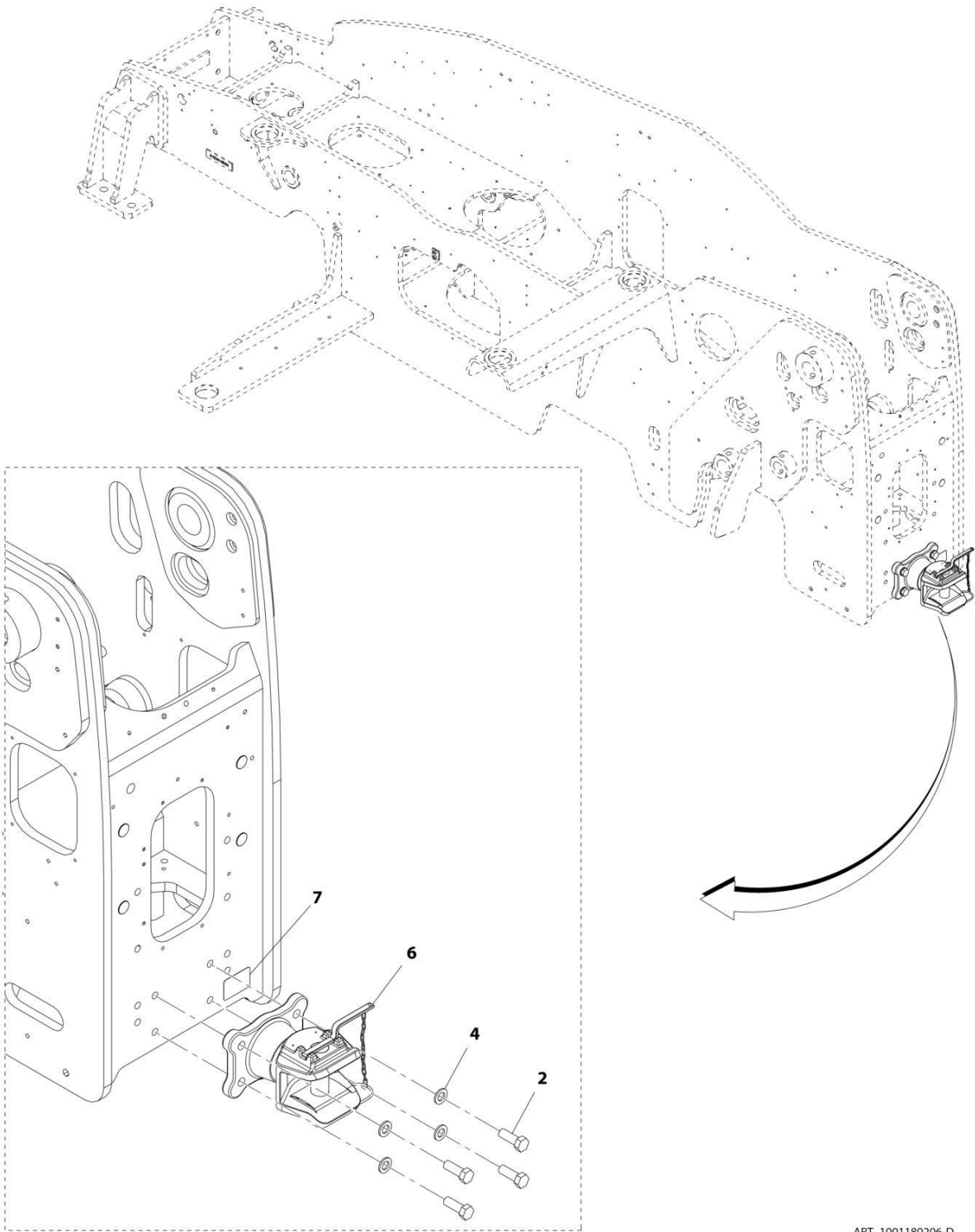
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-24. HITCH ASSEMBLY (EEC MANUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098630	Ref	Hitch Assembly (EEC Manual)	A
301	70022821	1	Lever, Opening	
303	70022823	1	Pivot, Security	
403	70022826	1	Pin	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-25. HITCH INSTALLATION (FIXED)



ART_1001180206-D

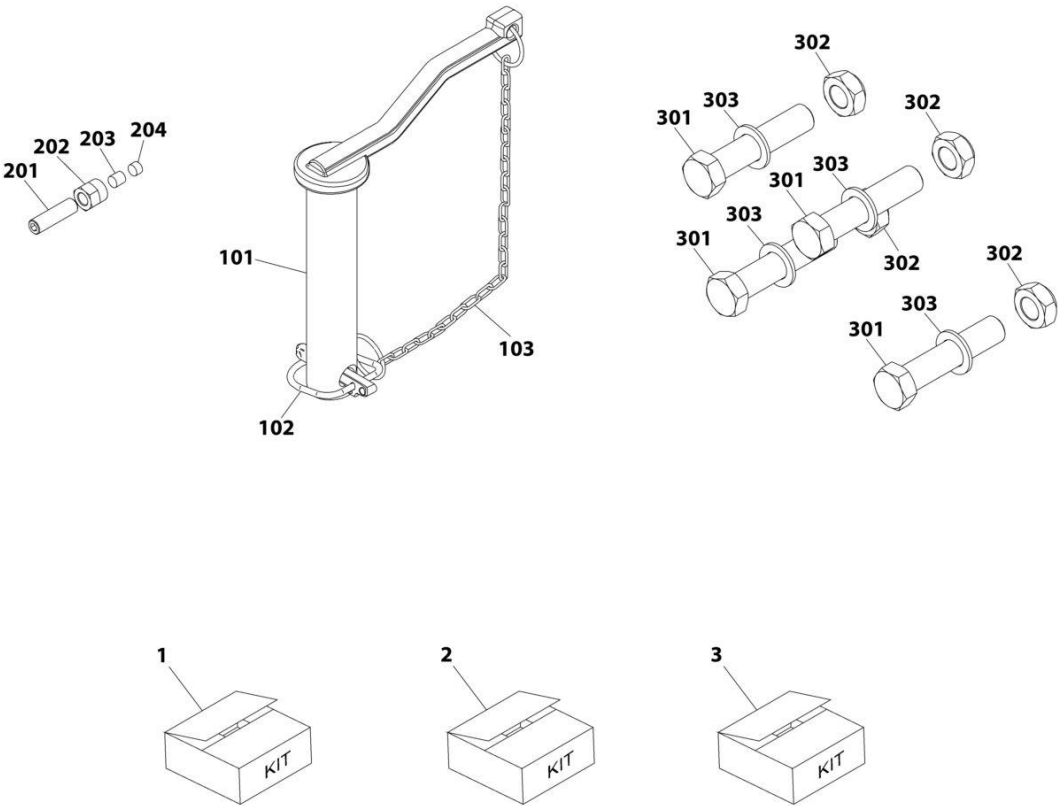
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-25. HITCH INSTALLATION (FIXED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180206	Ref	Hitch Installation (Fixed)	D
2	0701617	4	Bolt, M16X45	
4	4812300	4	Washer, M16	
6	1001110849	1	Assembly, Hitch (Fixed) (See Separate Breakdown in this Section)	
7	1001241674	1	Decal, Retrieval Point	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-26. HITCH ASSEMBLY (FIXED)



ART_1001110849-B

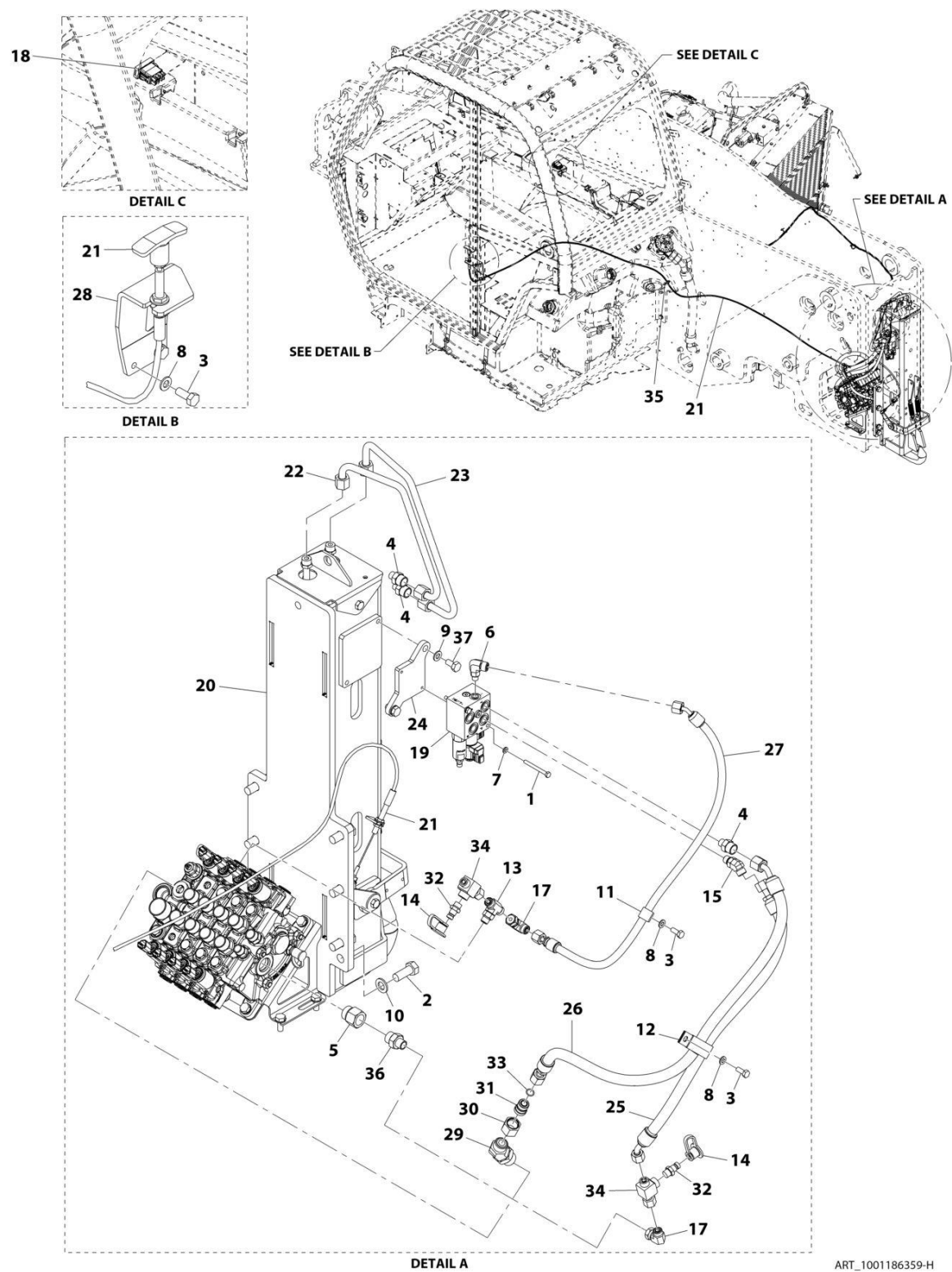
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-26. HITCH ASSEMBLY (FIXED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001110849	Ref	Hitch Assembly (Fixed)	B
1	70027178	1	Kit, Towing Pin (includes items 101 thru 103)	
2	70027176	1	Kit, Friction (includes items 201 thru 204)	
3	70027177	1	Kit, Screws (includes items 301 thru 303)	
101	Kit	1	Pin	
102	Kit	1	Chain, Safety	
103	Kit	1	Pin, Safety	
201	Kit	1	Screw, M16X80	
202	Kit	1	Nut, M10	
203	Kit	1	Insert	
204	Kit	1	Insert	
301	Kit	4	Screw, M16X80	
302	Kit	4	Nut, M16	
303	Kit	4	Washer	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-27. HITCH INSTALLATION (HYDRAULIC)



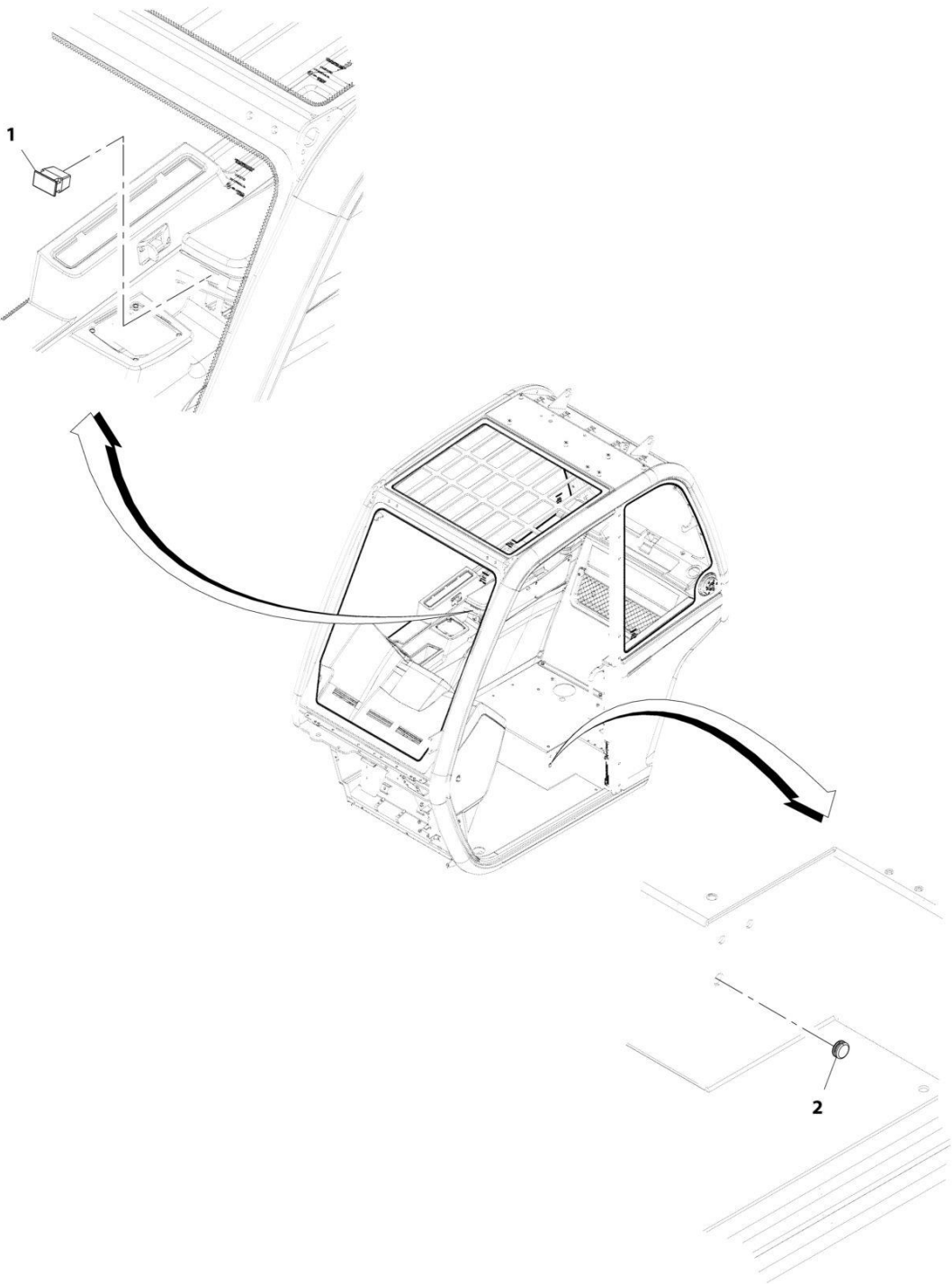
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-27. HITCH INSTALLATION (HYDRAULIC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186359	Ref	Hitch Installation (Hydraulic)	H
1	0700620	2	Bolt, M6X60	
2	0711616	8	Bolt, M16X40 Grade 10.9	
3	0760810	4	Bolt, M8X20	
4	2110806	3	Fitting, Straight ORFS	
5	8760550	1	Fitting, Tee	
6	2130604	1	Fitting, 90 ORFS	
7	4811700	2	Washer, M6	
8	4811900	4	Washer, M8	
9	4812000	2	Washer, M10	
10	4812300	8	Washer, M16	
11	1001009207	1	Clip	
12	1001008720	1	Clip	
13	2170406	1	Fitting, Tee ORFS	
14	1001008761	2	Dust Cap	
15	2150606	1	Fitting, 45 ORFS	
17	2172106	2	Fitting, 90 ORFS	
18	1001198836	1	Switch, Hitch Up/Down	
19	1001226722	Ref	Valve, Hydraulic Hitch Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
20	1001182763	1	Hitch, Hydraulic	
21	1001186392	1	Cable, Hitch Release	
22	1001204374	1	Pipe	
23	1001204375	1	Pipe	
24	1001188413	1	Plate	
25	1001204518	1	Hose, ORFS	
26	1001206557	1	Hose, ORFS	
27	1001206558	1	Hose, ORFS	
28	1001188722	1	Bracket, Hitch	
29	2151012	1	Fitting, 45 ORFS	
30	8770143	1	Nut, ORFS	
31	1001032853	1	Reducer, ORFS	
32	1001003590	2	Fitting, Straight	
33	1001008805	1	Seal	
34	1001033119	2	Adapter, ORFS	
35	1001146588	1	Tie Strap	
36	2110610	1	Fitting, Straight	
37	0761010	2	Bolt, M10X20	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-28. CAB PLUG INSTALLATION (NON HYDRAULIC HITCH)



ART_1001214572-A

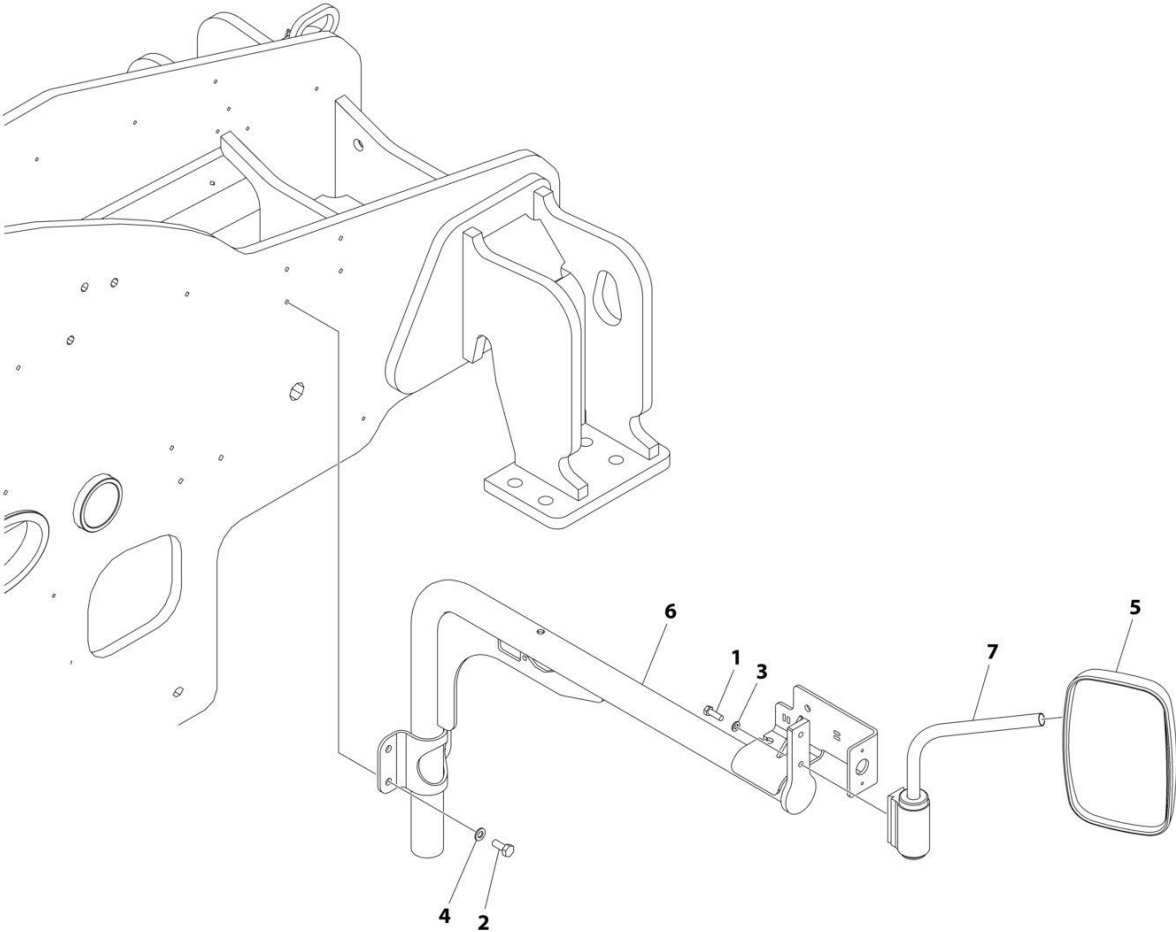
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-28. CAB PLUG INSTALLATION (NON HYDRAULIC HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214572	1	Cab Plug Installation (Non Hydraulic Hitch)	A
1	4360669	1	Cover, Switch	
2	1001176323	1	Plug	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-29. MIRROR INSTALLATION



ART_1001269628_B

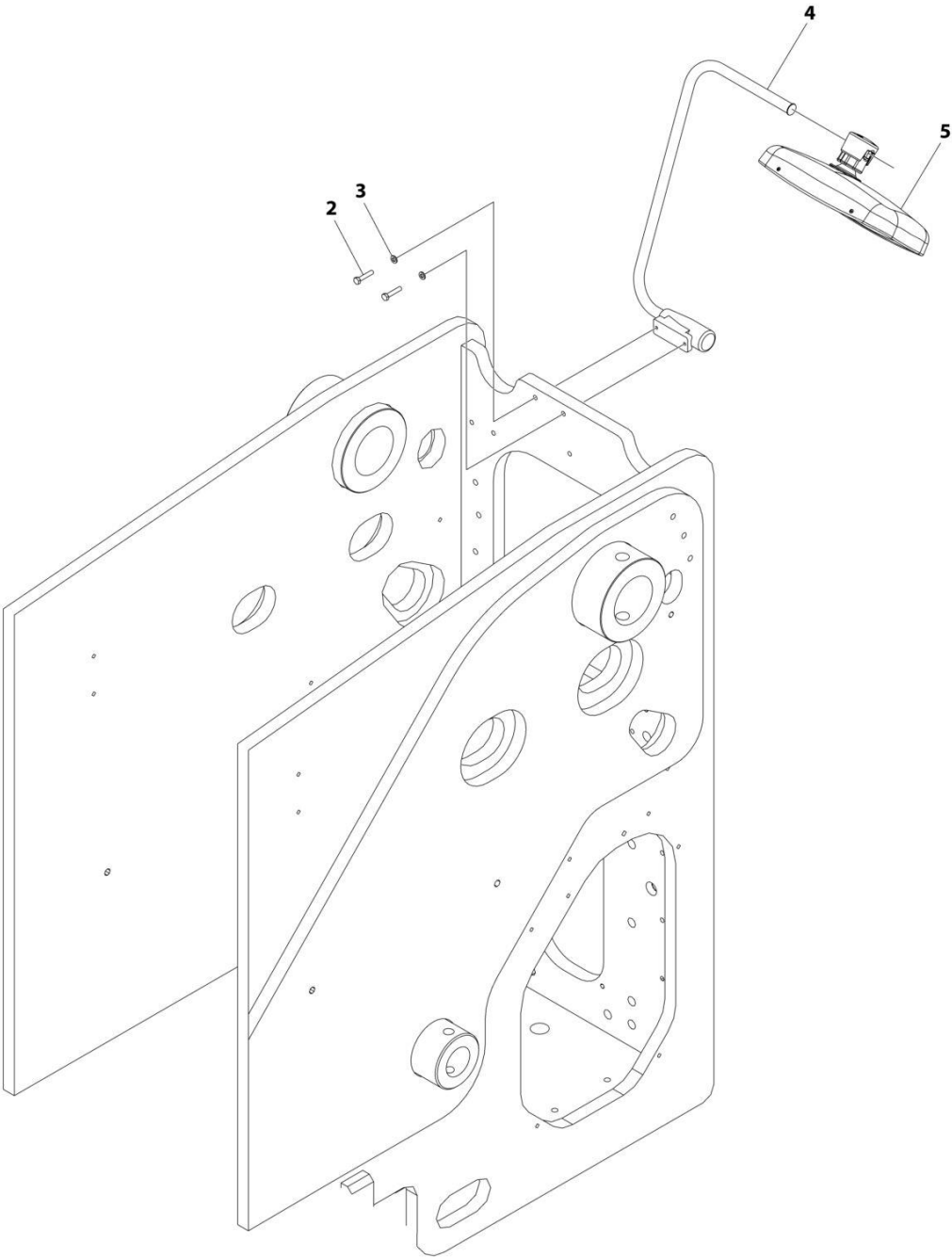
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-29. MIRROR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269628	Ref	MIRROR INSTALLATION	B
1	0760812	2	Bolt M8 x 25	
1	0760810	2	Bolt M8 x 20	
2	0761012	4	Bolt M10 x 25	
3	4811900	2	Washer M8	
4	4812000	4	Washer M10	
5	1001191635	1	Mirror	
6	1001265395	1	Bracket	
7	1001269627	1	Bracket	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-30. REAR MIRROR INSTALLATION (FLAT)



ART_1001186395_C

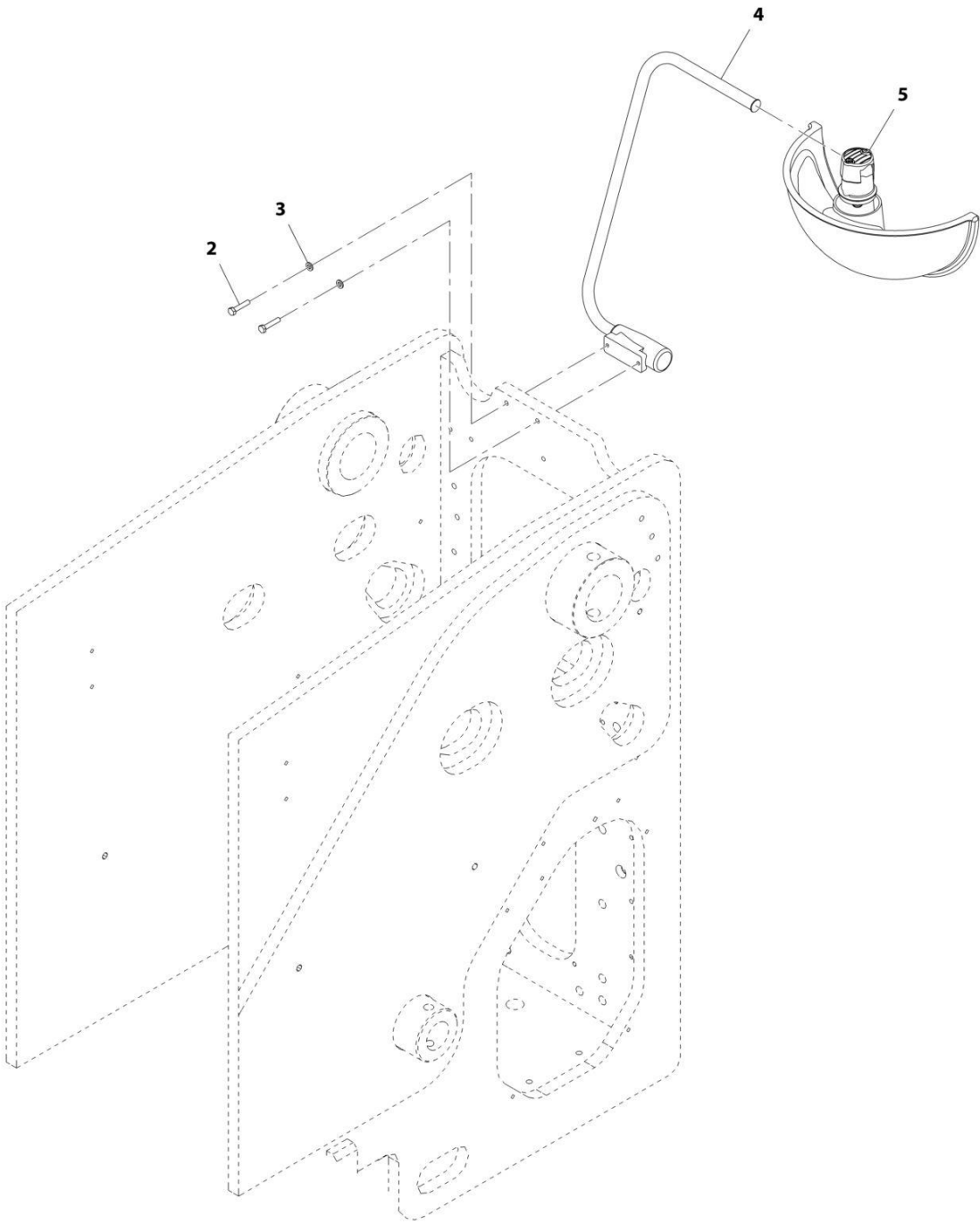
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-30. REAR MIRROR INSTALLATION (FLAT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186395	Ref	REAR MIRROR INSTALLATION (FLAT)	C
2	0700614	2	Bolt M6 x 30	
3	4811700	2	Washer M6	
4	1001005980	1	Arm	
5	1001191635	1	Mirror Assembly	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-31. REAR MIRROR INSTALLATION (CONVEX)



ART_1001186439-B

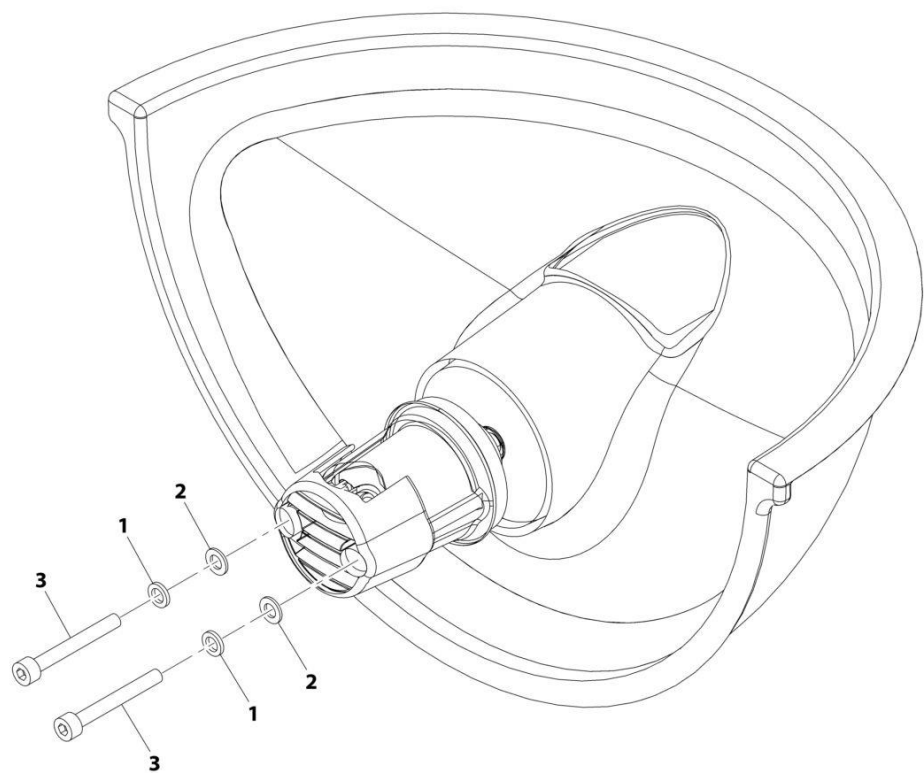
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-31. REAR MIRROR INSTALLATION (CONVEX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186439	Ref	Hitch Mirror Installation (Fish Eye)	B
2	0700614	2	Bolt, M6X30	
3	4811700	2	Washer, M6	
4	1001005980	1	Arm	
5	1001008436	1	Assembly, Mirror (Convex) (See Separate Breakdown in this Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-32. MIRROR ASSEMBLY (CONVEX)



ART_1001008436-D

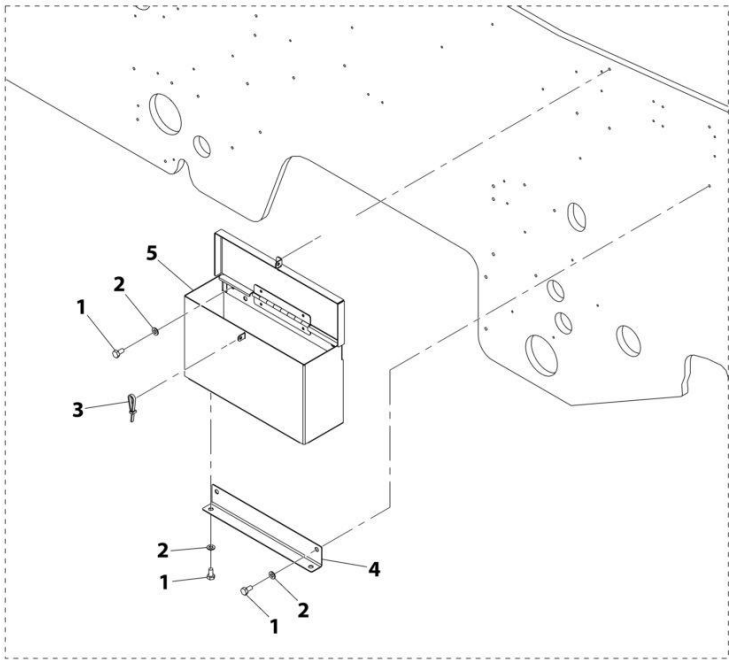
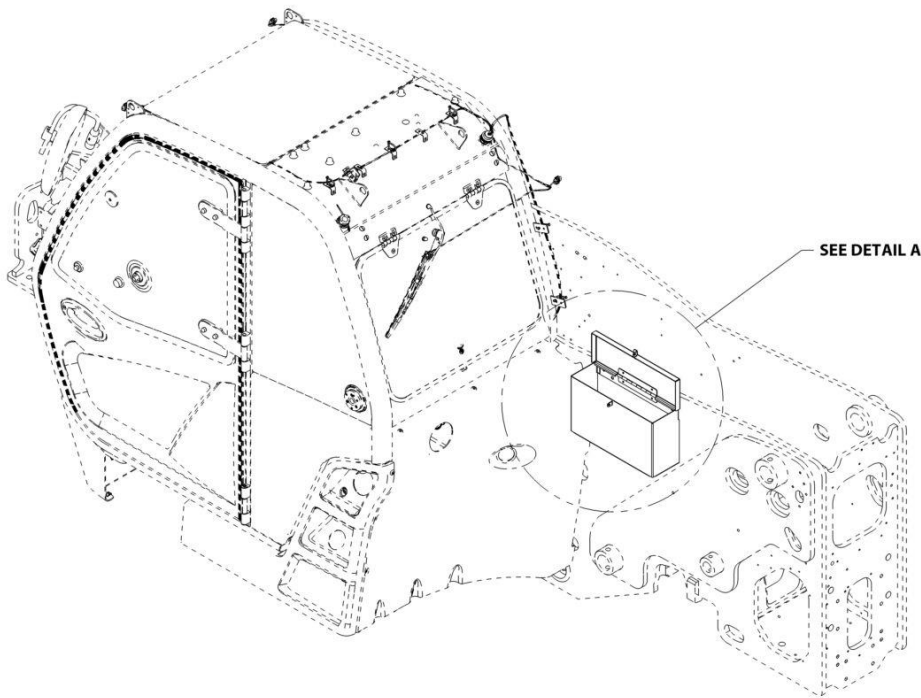
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-32. MIRROR ASSEMBLY (CONVEX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001008436	Ref	Mirror Assembly (Convex)	D
1	1001008475	2	Washer, Lock	
2	1001009062	2	Washer	
3	1001010838	2	Bolt	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-33. TOOLBOX INSTALLATION



DETAIL A

ART_1001225619-A

SECTION 1 - FRAME AND ATTACHING PARTS

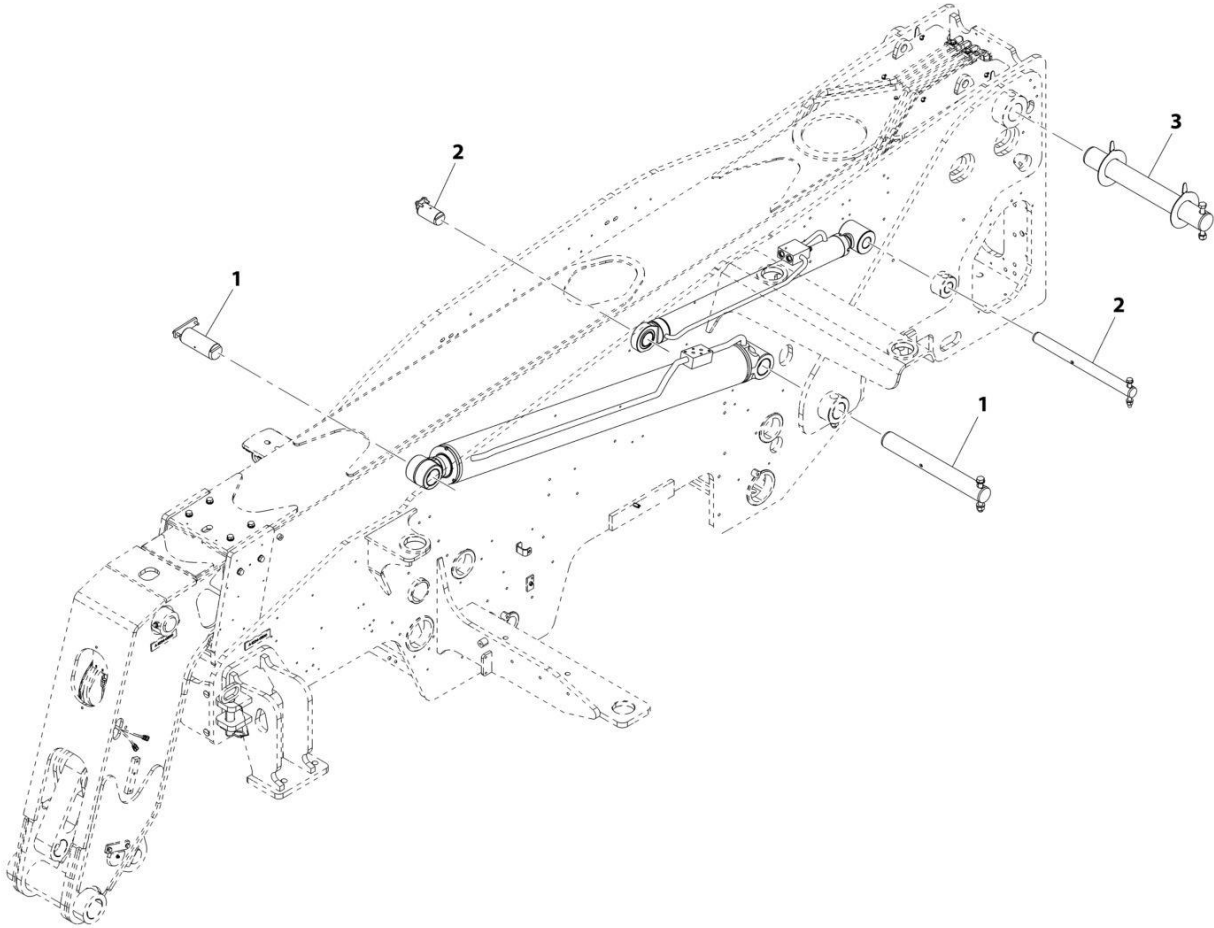
FIGURE 1-33. TOOLBOX INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225619	Ref	Toolbox Installation	A
1	0761010	6	Bolt, M10X20	
2	4812000	6	Washer, M10	
3	1001008559	1	Strap	
4	1001178729	1	Bracket	
5	1001192836	1	Box	

SECTION 2 - BOOM

SECTION 2 - BOOM

FIGURE 2-1. BOOM PINNING INSTALLATION



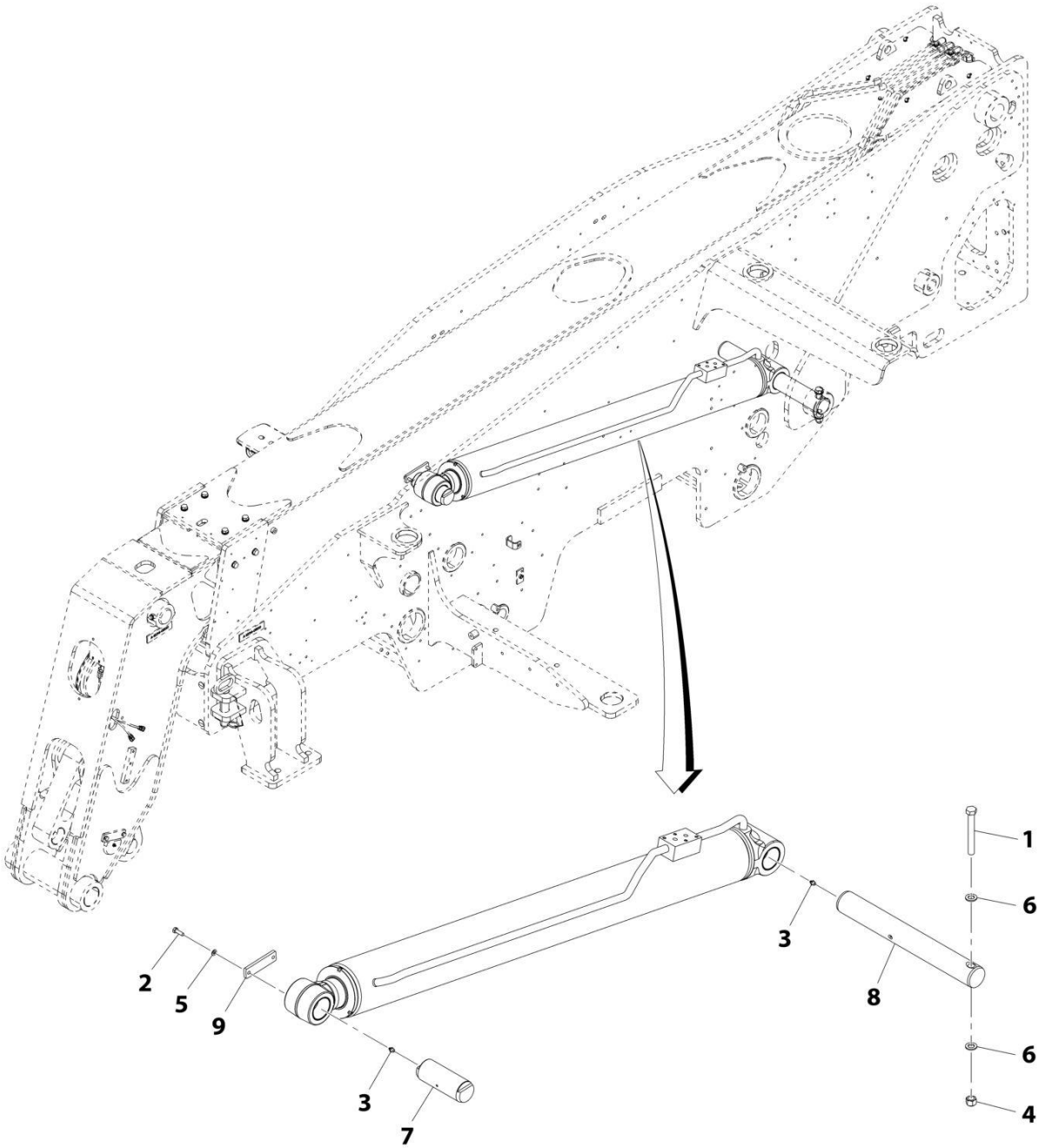
ART_1001256335-A

FIGURE 2-1. BOOM PINNING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001256335	Ref	Boom Pinning Installation	A
	1001256336	1	Installation, Lift Cylinder Pinning (See Separate Breakdown in this Section)	
2	1001256337	1	Installation, Compensation Cylinder Pinning (See Separate Breakdown in this Section)	
3	1001256338	1	Installation, Boom Pivot (See Separate Breakdown in this Section)	

SECTION 2 - BOOM

FIGURE 2-2. LIFT CYLINDER PINNING INSTALLATION



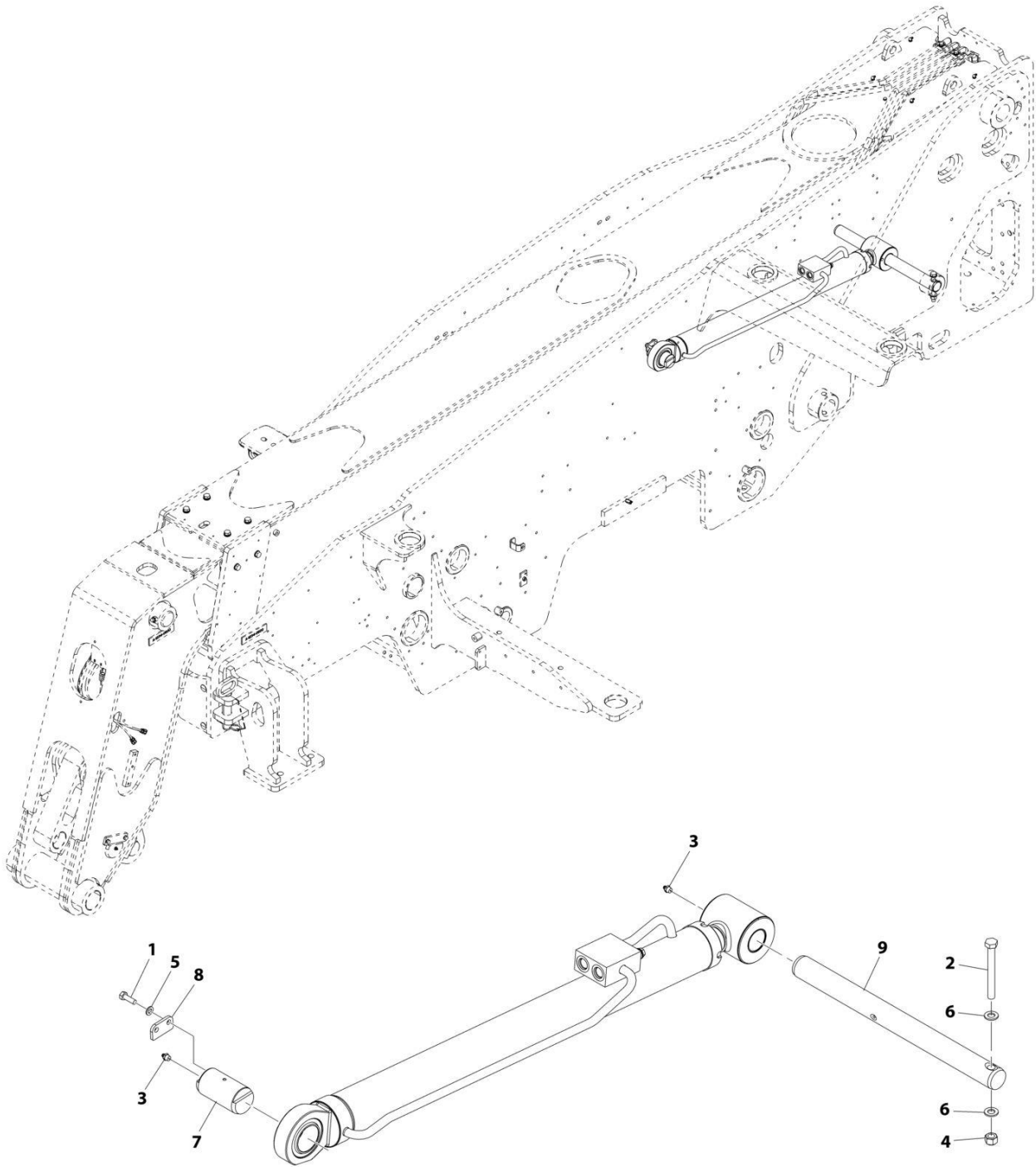
ART_1001256336-A

FIGURE 2-2. LIFT CYLINDER PINNING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256336	Ref	Lift Cylinder Pinning Installation	A
1	0701630	1	Bolt, M16X130	
2	0760812	2	Bolt, M8X25	
3	2160016	2	Fitting, Grease	
4	3291605	1	Nut, Lock M16X2 Grade 8	
5	4811900	2	Washer, M8	
6	4812300	2	Washer, M16	
7	1001175898	1	Pin	
8	1001183460	1	Pin	
9	1001191621	1	Plate	

SECTION 2 - BOOM

FIGURE 2-3. COMPENSATION CYLINDER PINNING INSTALLATION



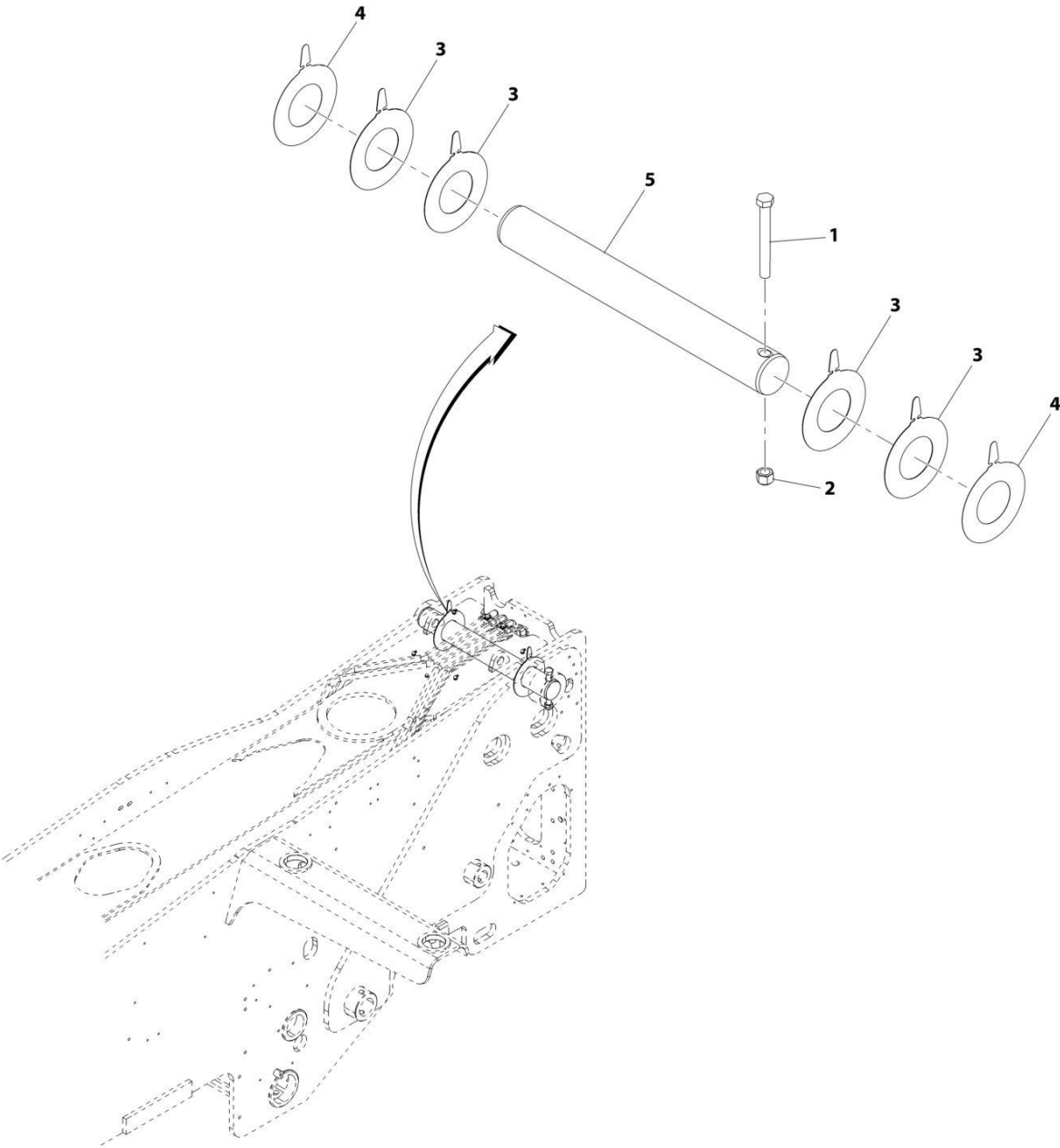
ART_1001256337-A

FIGURE 2-3. COMPENSATION CYLINDER PINNING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256337	Ref	Compensation Cylinder Pinning Installation	A
1	0760812	2	Bolt, M8X25	
2	0761228	1	Bolt, M12X110	
3	2160016	2	Fitting, Grease	
4	3291205	1	Nut, Lock M12X1.75 Grade 8	
5	4811900	2	Washer, M8	
6	4812100	2	Washer, M12	
7	1001175754	1	Pin	
8	1001176942	1	Bracket	
9	1001183461	1	Pin	

SECTION 2 - BOOM

FIGURE 2-4. BOOM PIVOT INSTALLATION



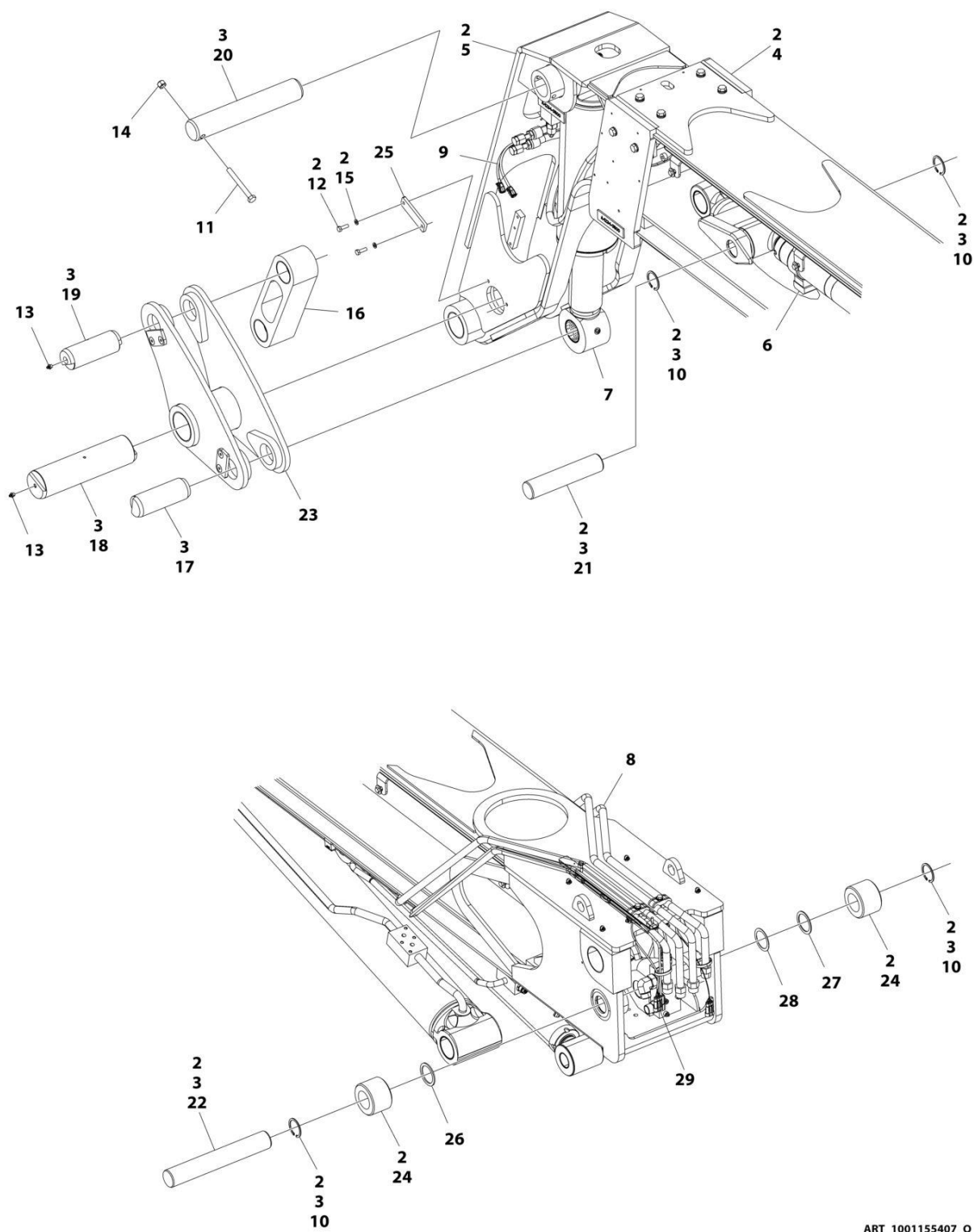
ART_1001256338-A

FIGURE 2-4. BOOM PIVOT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256338	Ref	Boom Pivot Installation	A
1	0711631	1	Bolt, M16X140	
2	3291605	1	Nut, Lock M16X2	
3	1001169048	AR	Shim, 1MM	
4	1001169049	AR	Shim, 0.5MM	
5	1001175225	1	Pin	

SECTION 2 - BOOM

FIGURE 2-5. BOOM ASSEMBLY



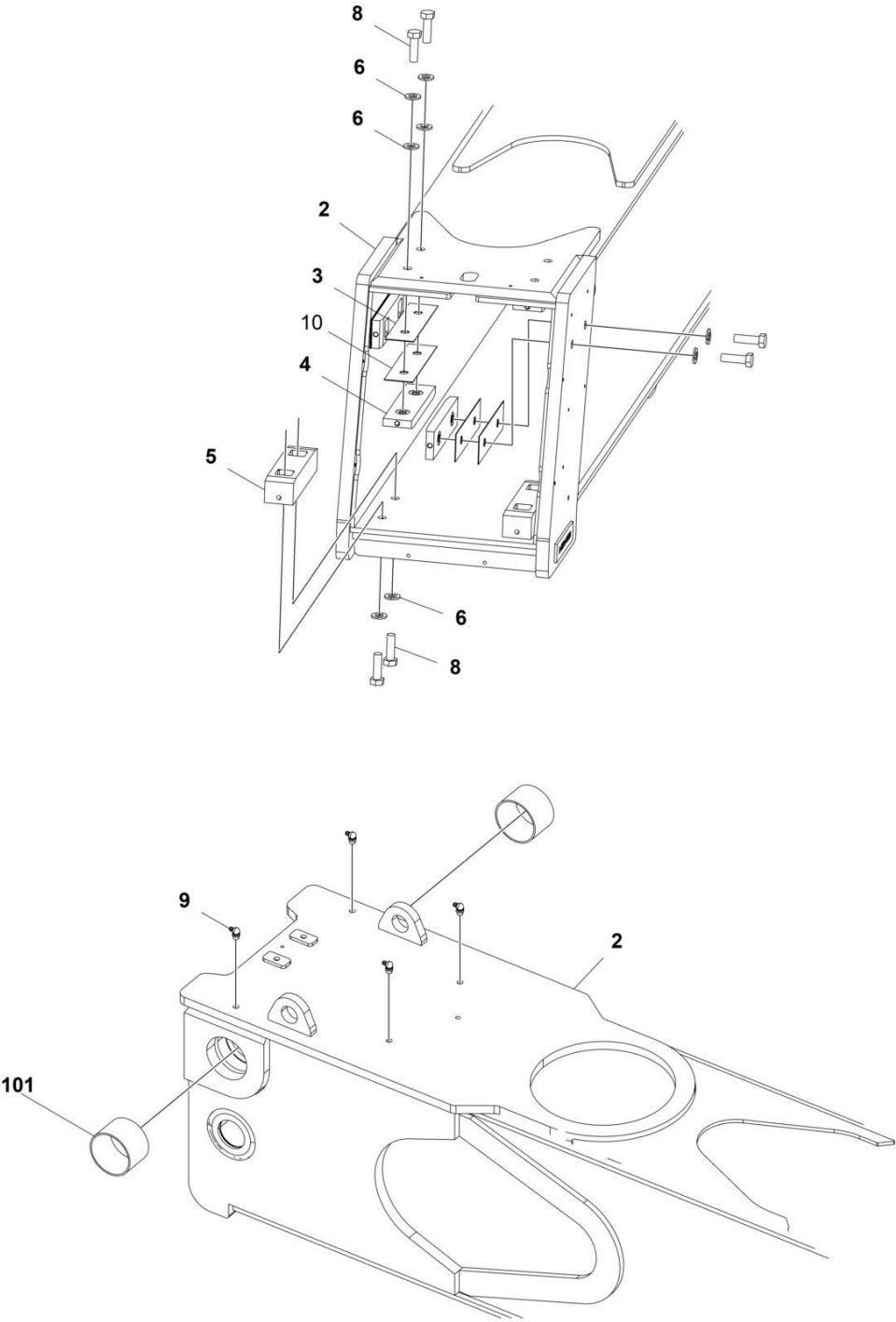
ART_1001155407_O

FIGURE 2-5. BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155407	Ref	BOOM ASSEMBLY	O
2	1001098457	AR	Lubricant	
3	3020040	AR	Lubricant	
4	1001153858	1	Assembly, First Boom Section (See Separate Breakdown in this Section)	
5	1001153859	1	Assembly, Second Boom Section (See Separate Breakdown in this Section)	
6	1001274912	1	Cylinder Sub-Assembly - Extend/Retract (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
7	1001276695	1	Cylinder Assembly - Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
8	1001216311	1	Installation, Boom Hydraulic (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
9	1001186169	1	Installation, Boom Harness (See Separate Breakdown in ELECTRICAL Section)	
10	314689	4	Ring, Retaining M50	
11	0711228	1	Bolt M12 x 110	
12	0760812	2	Bolt M8 x 25	
13	2160016	2	Fitting, Grease	
14	3291205	1	Nut M12	
15	4831900	2	Washer M8	
16	1001096870	1	Link Assembly	
16	1001100442	4	Bearing	
17	1001175746	1	Pin, Tilt	
18	1001175747	1	Pin, Tilt Lower	
19	1001175749	1	Pin, Tilt Link	
20	1001175896	1	Pin, Tilt	
21	1001175897	1	Pin, Telescope Cylinder	
22	1001175900	1	Pin, Telescope Cylinder	
23	1001176407	1	Lever Assembly (See Separate Breakdown in this Section)	
24	1001176691	2	Tube, Spacer	
25	1001191621	1	Plate, Pin Retainer	
26	1001155958	AR	Shim	
27	1001155959	AR	Shim	
28	1001155960	AR	Shim	
29	1001221242	1	Retract Sensor Installation (See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - BOOM

FIGURE 2-6. FIRST BOOM SECTION ASSEMBLY



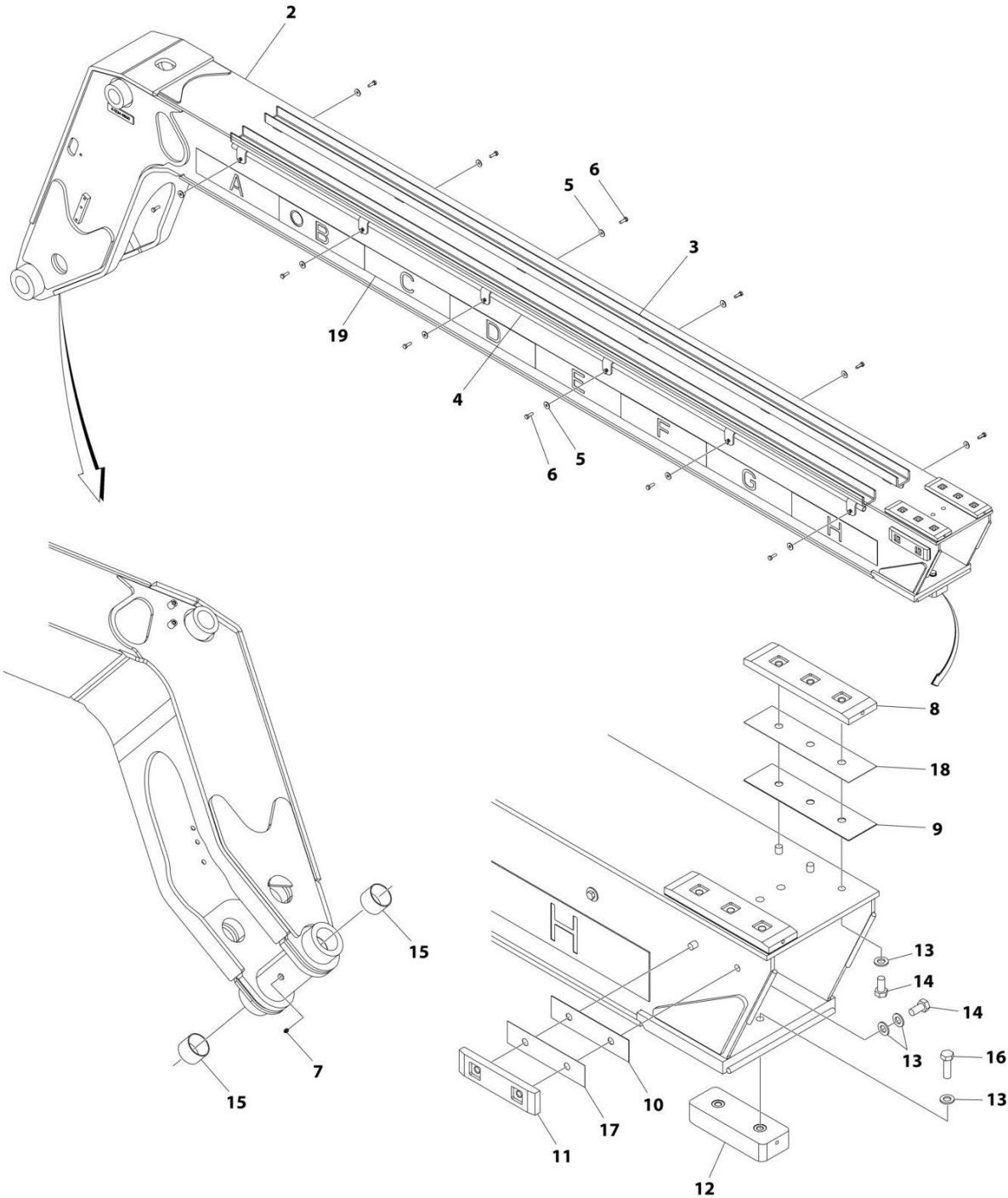
ART_1001153858

FIGURE 2-6. FIRST BOOM SECTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153858	Ref	FIRST BOOM SECTION ASSEMBLY	L
2	1001174804J	1	Boom, First	
3	1001147731	AR	Shim, M1	
4	1001147657	4	Pad	
5	1001175853	2	Pad	
6	1001125117	AR	Washer M12	
8	0711216	12	Bolt M12 x 40 Grade 10.9	
9	2160018	4	Fitting, Grease	
11	1001154174	AR	Shim M0.5	
12	1001163103	1	Shim	
101	1001090150	2	Bearing	

SECTION 2 - BOOM

FIGURE 2-7. SECOND BOOM SECTION ASSEMBLY



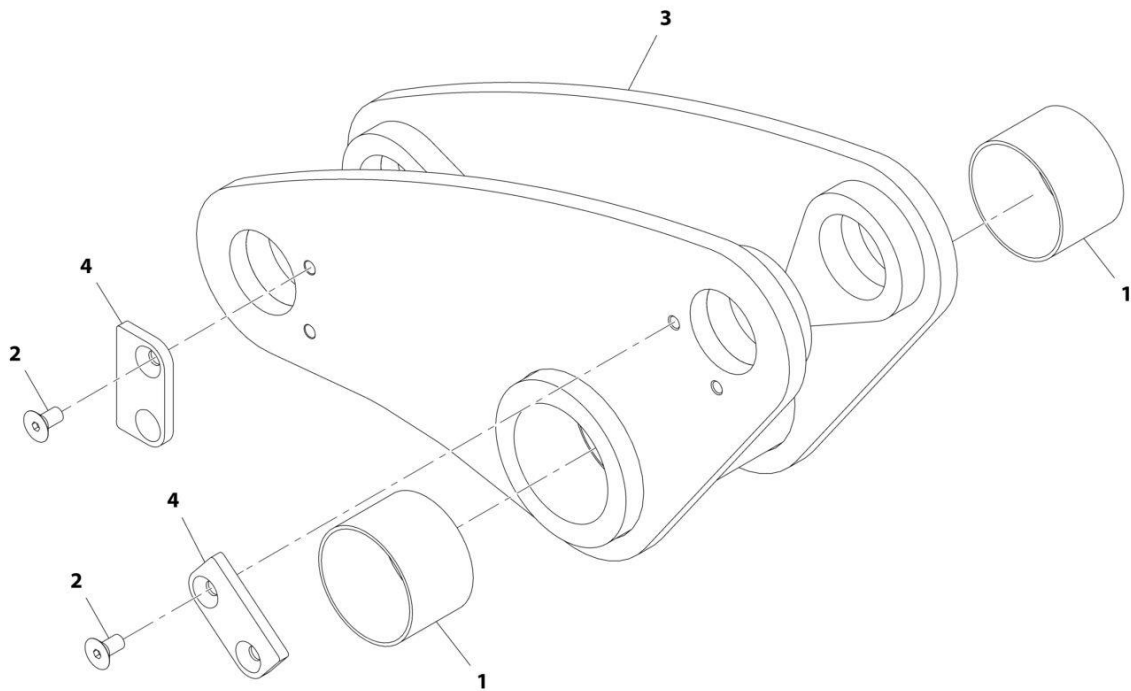
ART_1001153859_H

FIGURE 2-7. SECOND BOOM SECTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153859	Ref	SECOND BOOM SECTION ASSEMBLY	H
2	1001242220	1	Boom, Second	
3	1001174557	1	Hose	
4	1001175661	1	Hose	
5	4811902	12	Washer, M8	
6	0760812	12	Bolt M8 x 25	
7	2160016	1	Fitting, Grease	
8	1001177054	2	Pad	
9	1001177073	AR	Pad	
10	1001147731	AR	Pad	
11	1001147657	2	Pad	
12	1001175762	1	Pad	
13	1001125117	AR	Washer M12	
14	0771212	10	Bolt M12 x 25 Grade 10.9	
15	1001090150	2	Bearing	
16	0711216	2	Bolt M12 x 40 Grade 10.9	
17	1001154174	AR	Shim, M0.5	
18	1001221577	AR	Shim, M0.5	
19	1001227229	1	Decal, Boom	

SECTION 2 - BOOM

FIGURE 2-8. LEVER ASSEMBLY



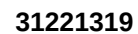
ART_1001176407-C

FIGURE 2-8. LEVER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176407	Ref	Lever Assembly	C
1	1001092298	2	Bearing	
2	1001155441	4	Screw, M10-1.5X20	
3	1001189480	1	Plate	
4	1001176882	2	Plate, Pin Retainer	

102

823



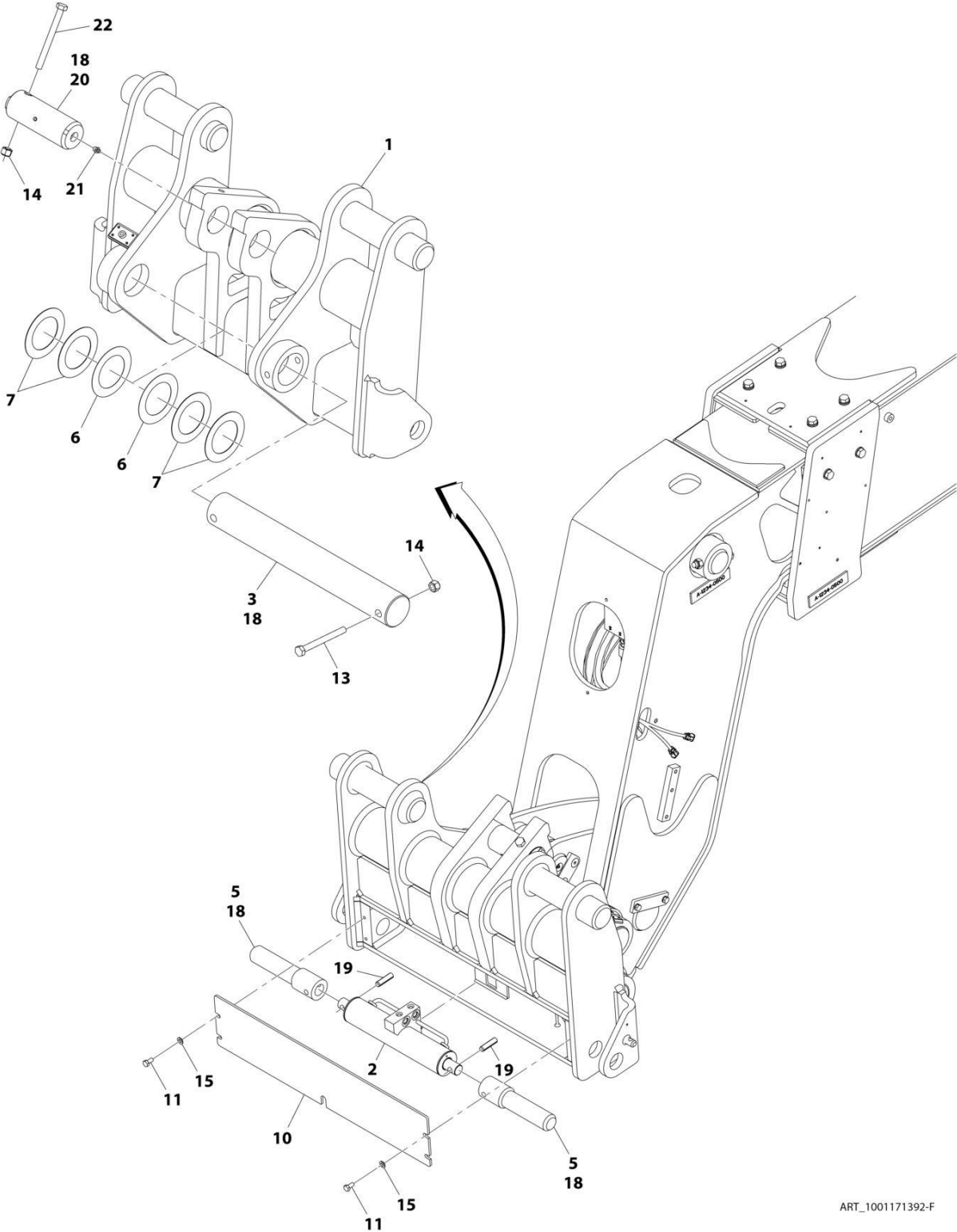
ART_1001178526-E

FIGURE 2-9. MANUAL QUICK COUPLER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178526	Ref	Manual Quick Coupler Installation	E
1	1001189099	1	Carriage	
2	1001162636	1	Pin	
3	1001172886	1	Pin	
5	1001098146	AR	Shim, M72X110X0.5	
6	1001098147	AR	Shim, M72X110X1.0	
8	1001171390	1	Plate	
9	1001149923	1	Chain, Retaining Pin	
11	0760507	1	Bolt, M5X14	
12	0760808	4	Bolt, M8X16	
13	0701229	1	Bolt, M12X120	
14	3291205	2	Nut, Lock M12X1.75 Grade 8	
15	4811900	4	Washer, M8	
18	1001098457	AR	Lube, Lithium Grease	
19	1001197479	1	Pin	
20	2160016	1	Fitting, Grease	
21	0701232	1	Bolt, M12X150	

SECTION 2 - BOOM

FIGURE 2-10. HYDRAULIC QUICK COUPLER INSTALLATION



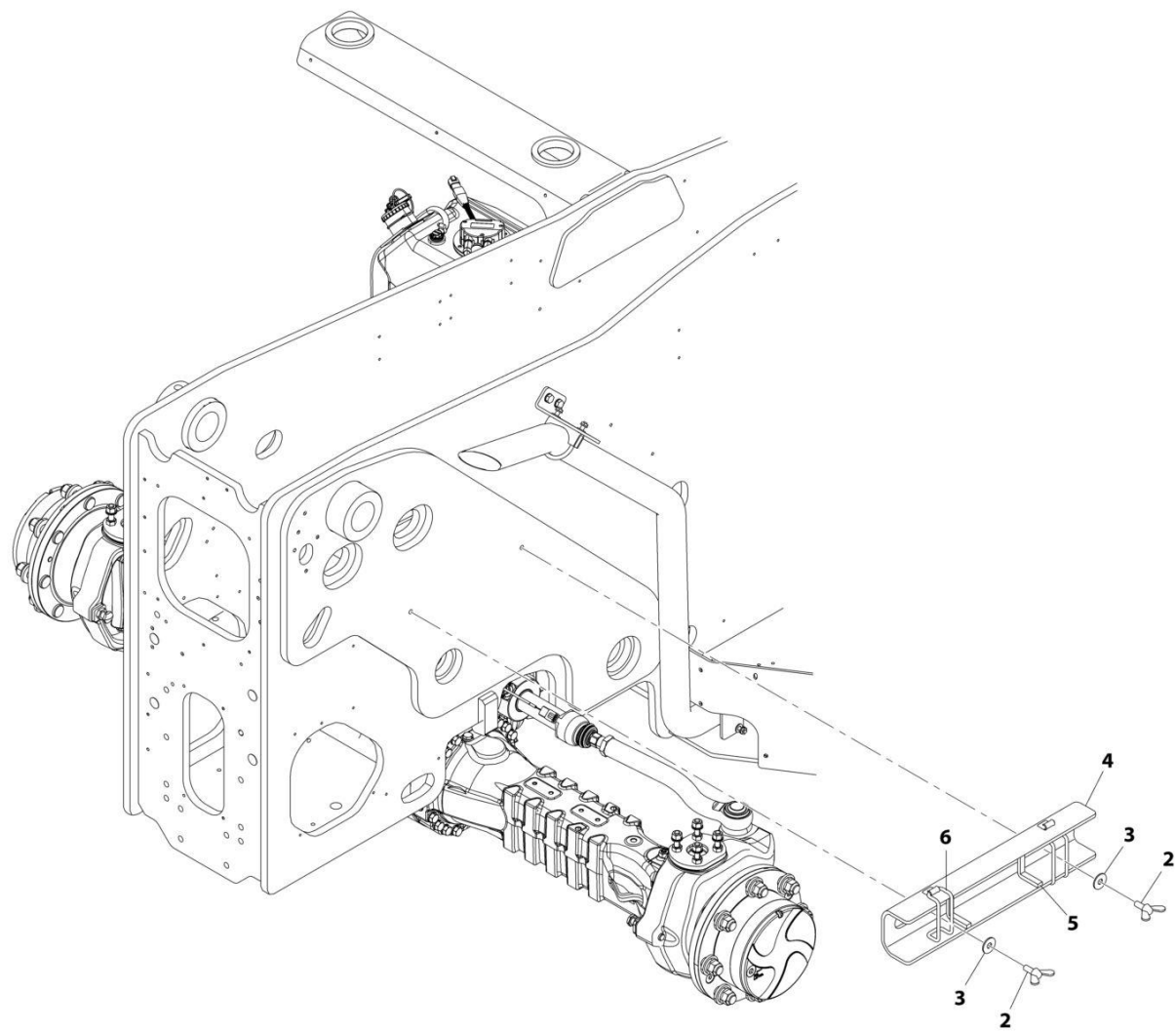
ART_1001171392-F

FIGURE 2-10. HYDRAULIC QUICK COUPLER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171392	Ref	Hydraulic Quick Coupler Installation	F
1	1001189099	1	Carriage	
2	1001114787	1	Assembly, Coupler Locking Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
3	1001172886	1	Pin	
5	1001170984	2	Rod, Locking	
6	1001098146	AR	Shim, M72X110X0.5	
7	1001098147	AR	Shim, M72X110X1.0	
10	1001171390	1	Plate	
11	0760808	4	Bolt, M8X16	
13	0701229	1	Bolt, M12X120	
14	3291205	2	Nut, Lock M12X1.75 Grade 8	
15	4811900	4	Washer, M8	
18	1001098457	AR	Lube, Lithium Grease	
19	1001184610	2	Pin	
20	1001197479	1	Pin	
21	2160016	1	Fitting, Grease	
22	0701232	1	Bolt, M12X150	

SECTION 2 - BOOM

FIGURE 2-11. BOOM PROP INSTALLATION



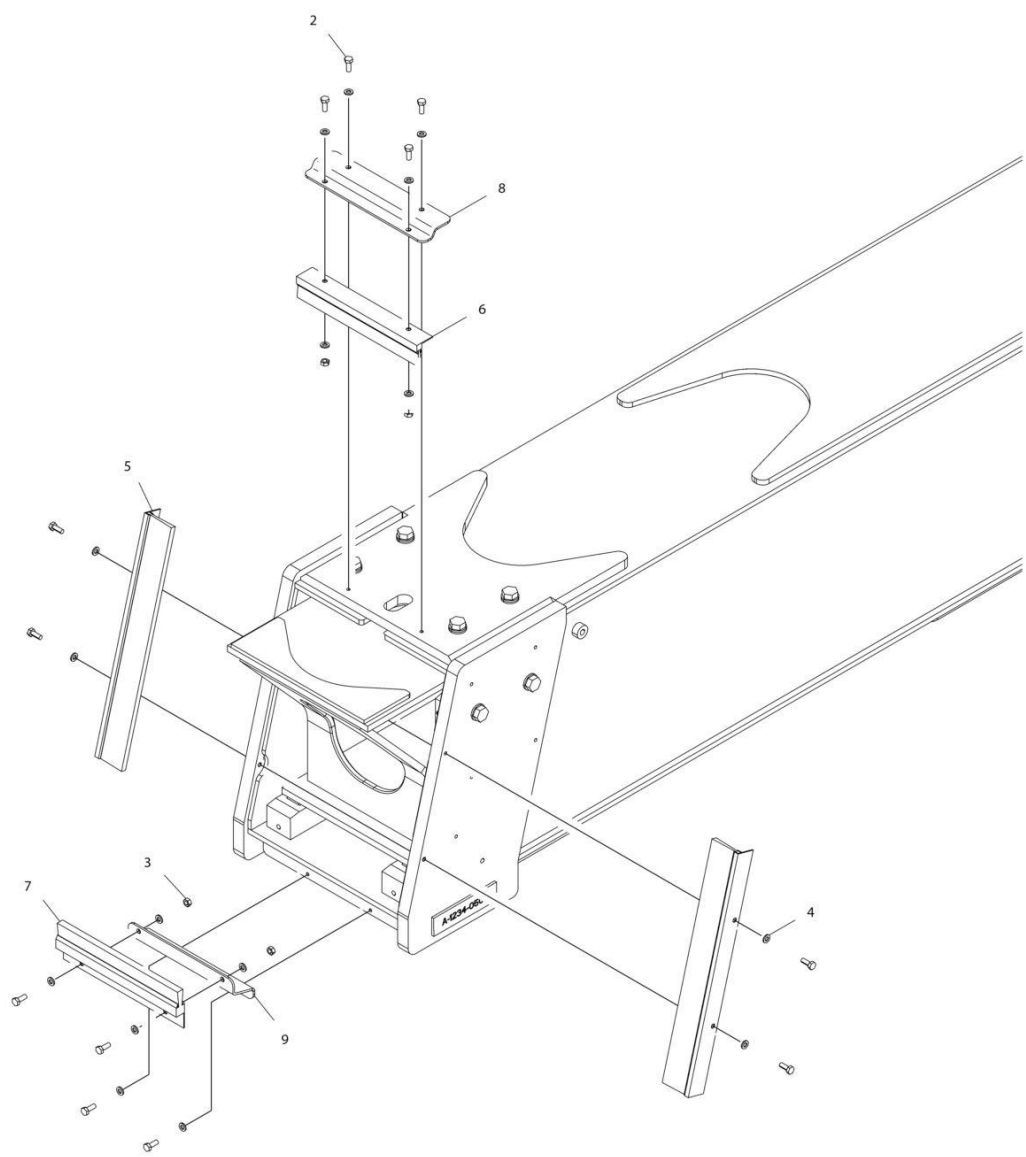
ART_1001189475-D

FIGURE 2-11. BOOM PROP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189475	Ref	Boom Prop Installation	D
2	443630	2	Screw, Wing M12X30	
3	4812102	2	Washer, M12	
4	1001204535	1	Bracket, Boom Support	
5	1001189476	2	Pad	
6	1784861	2	O-Ring	

SECTION 2 - BOOM

FIGURE 2-12. BOOM BRUSHES INSTALLATION



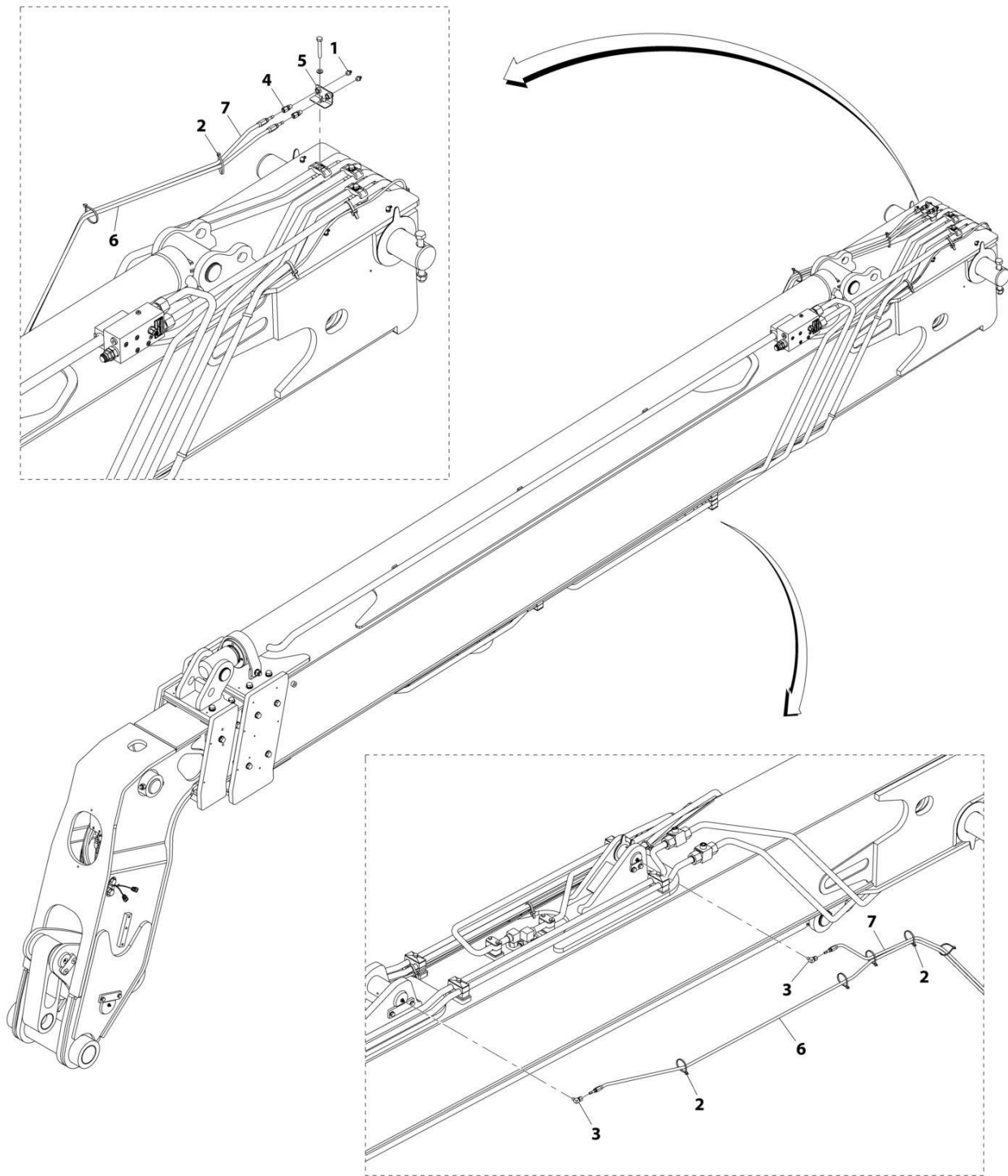
ART_1001186698

FIGURE 2-12. BOOM BRUSHES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186698	Ref	BOOM BRUSHES INSTALLATION	E
2	0760608	12	Bolt M6 x 16	
3	3290601	4	Nut M6 x 1	
4	4811700	16	Washer M6	
5	1001184423	2	Seal	
6	1001184425	1	Seal	
7	1001184426	1	Seal	
8	1001214297	1	Bracket	
9	1001214312	1	Bracket	

SECTION 2 - BOOM

FIGURE 2-13. REMOTE GREASE SYSTEM INSTALLATION



ART_1001210417-B

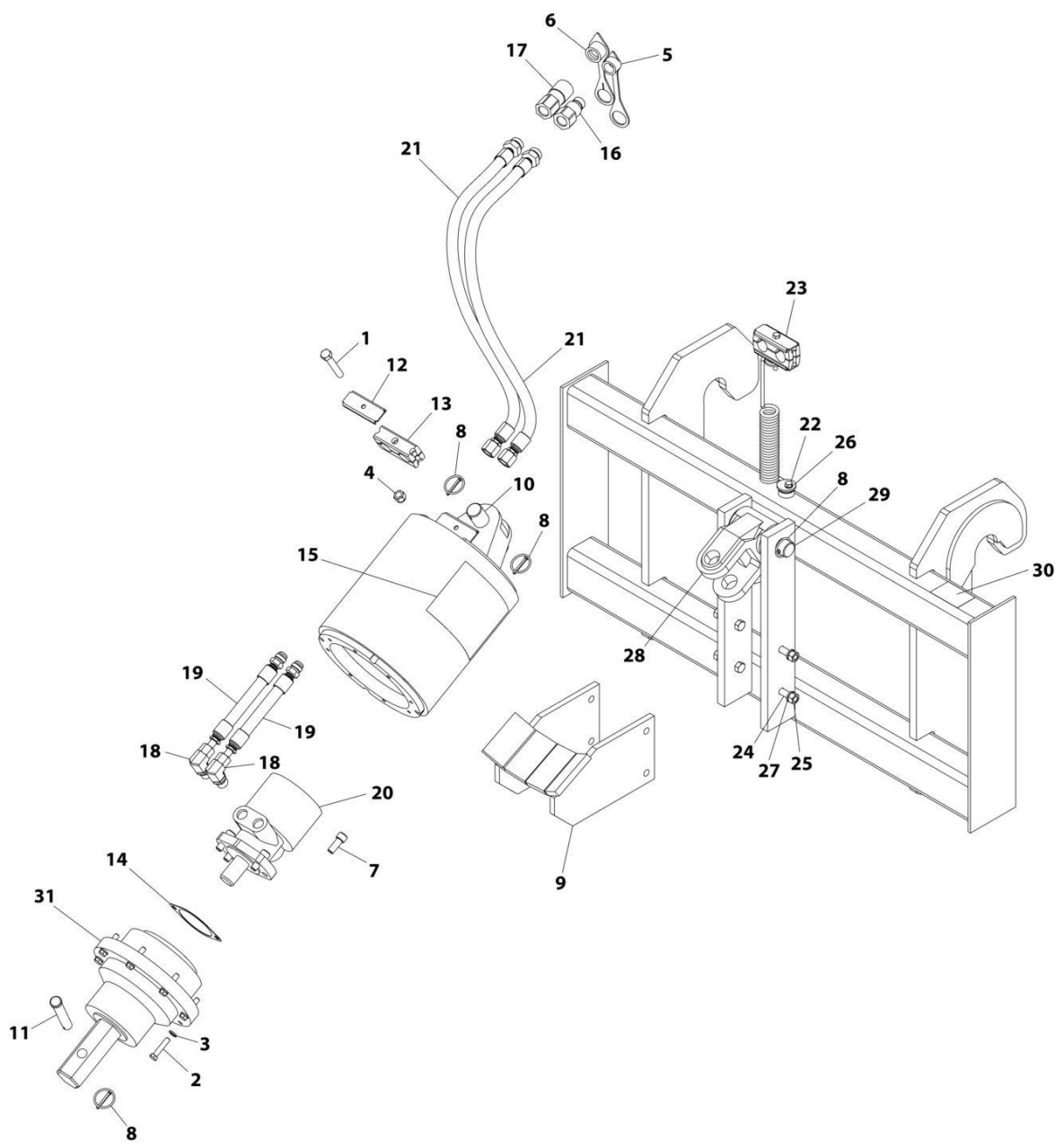
FIGURE 2-13. REMOTE GREASE SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210417	Ref	REMOTE GREASE SYSTEM INSTALLATION	D
1	2160016	1	Fitting, Grease	
2	1001008559	7	Strap, Cable	
3	1001164053	2	Adapter, 90 Grease	
4	1001101563	2	Adapter, Straight Grease	
5	1001227653	1	Bracket	
6	1001210431	1	Hose, Grease	
7	1001210432	1	Hose, Grease	

SECTION 3 - ATTACHMENTS

SECTION 3 - ATTACHMENTS

FIGURE 3-1. AUGER COUPLING



ART_1001206173-B

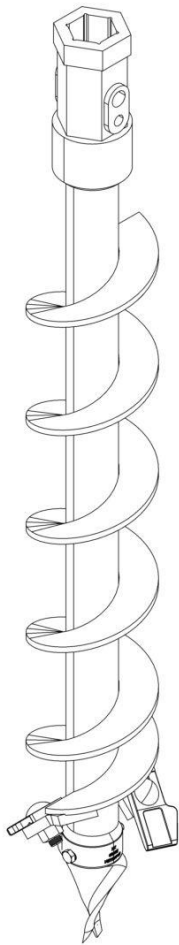
SECTION 3 - ATTACHMENTS

FIGURE 3-1. AUGER COUPLING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206173	1	Auger (Coupler Mounted)	E
1	90554070	1	Bolt	
2	70027774	8	Bolt	
3	90554042	8	Washer, Lock	
4	70027775	1	Nut, Lock	
5	1001093826	1	Cap, Male Dust	
6	1001093827	1	Cap, Female Dust	
7	70027776	4	Bolt	
8	70027777	5	Pin	
9	70027778	1	Bracket, Cradle	
10	70027781	1	Pin	
11	70027782	1	Pin	
12	70027783	1	Plate, Hose Cushion	
13	70027784	1	Block, Hose Cushion	
14	70027785	1	Gasket, Motor	
15	70027787	2	Decal, Danger	
16	1001101041	1	Coupler, Male Hydraulic	
17	1001101042	1	Coupler, Female Hydraulic	
18	70027788	2	Fitting	
19	70027789	2	Hose	
20	70027791	1	Motor	
21	70027794	2	Hose	
22	70027773	1	Bolt	
23	70027792	1	Clamp, Hose	
24	90554019	4	Bolt	
25	90554054	4	Nut	
26	90554067	1	Washer, Lock	
27	90554020	4	Washer, Lock	
28	70027779	1	Swivel	
29	70027780	1	Pin	
30	70027786	1	Decal, Warning	
31	70027793	1	Gearbox, Planetary	
101	N.S.S.	1	Plate, Serial Number	

SECTION 3 - ATTACHMENTS

FIGURE 3-2. AUGER BIT (6INX4IN)



ART_1001204128-B

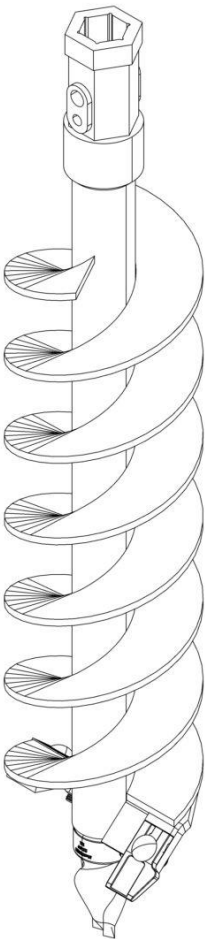
SECTION 3 - ATTACHMENTS

FIGURE 3-2. AUGER BIT (6INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204128	Ref	Auger Bit (6INX4IN)	B

SECTION 3 - ATTACHMENTS

FIGURE 3-3. AUGER BIT (9INX4IN)



ART_1001204129-B

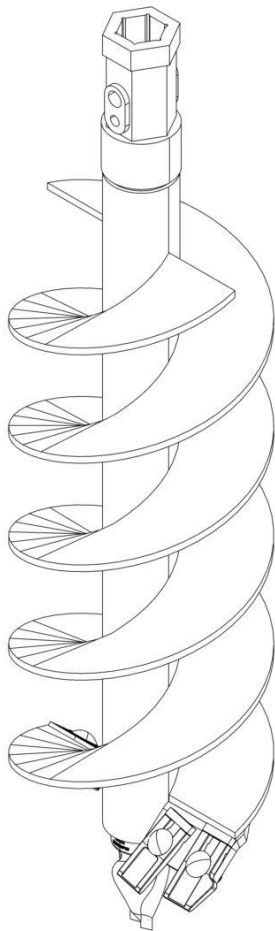
SECTION 3 - ATTACHMENTS

FIGURE 3-3. AUGER BIT (9INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204129	Ref	Auger Bit (9INX4IN)	B

SECTION 3 - ATTACHMENTS

FIGURE 3-4. AUGER BIT (12INX4IN)



ART_1001204130-B

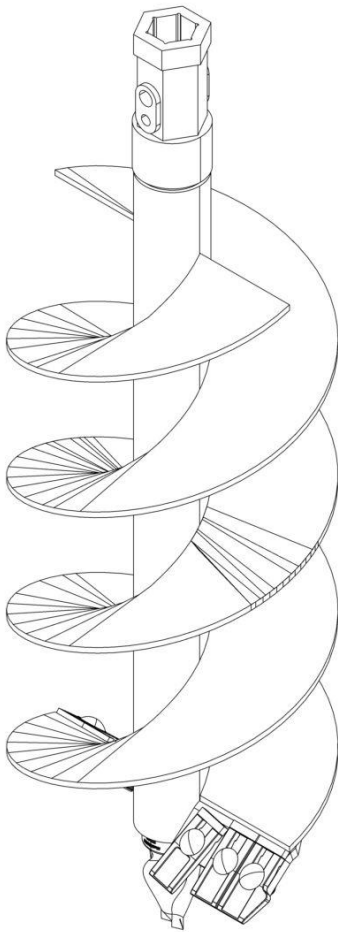
SECTION 3 - ATTACHMENTS

FIGURE 3-4. AUGER BIT (12INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204130	Ref	Auger Bit (12INX4IN)	B

SECTION 3 - ATTACHMENTS

FIGURE 3-5. AUGER BIT (15INX4IN)



ART_1001204131-B

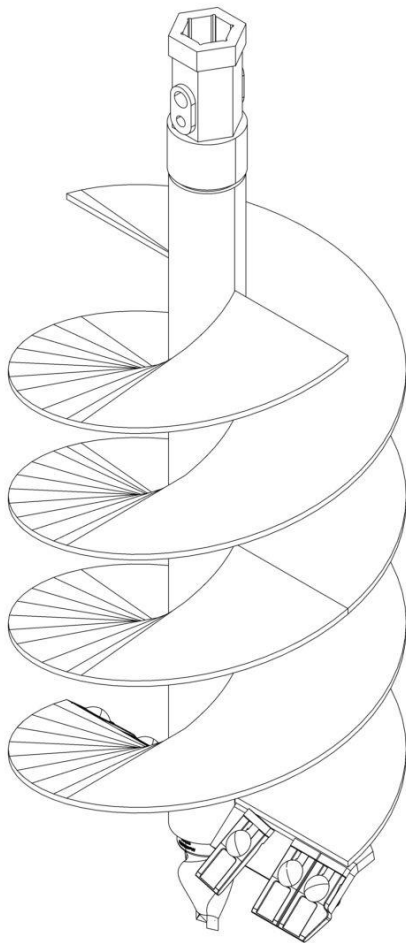
SECTION 3 - ATTACHMENTS

FIGURE 3-5. AUGER BIT (15INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204131	Ref	Auger Bit (15INX4IN)	B

SECTION 3 - ATTACHMENTS

FIGURE 3-6. AUGER BIT (18INX4IN)



ART_1001204132-B

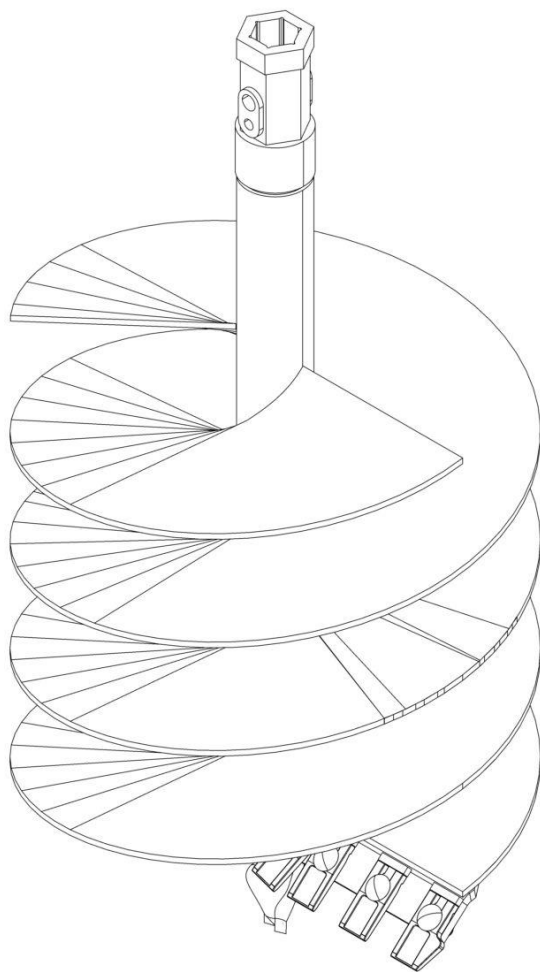
SECTION 3 - ATTACHMENTS

FIGURE 3-6. AUGER BIT (18INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204132	Ref	Auger Bit (18INX4IN)	B

SECTION 3 - ATTACHMENTS

FIGURE 3-7. AUGER BIT (24INX4IN)



ART_1001204133-B

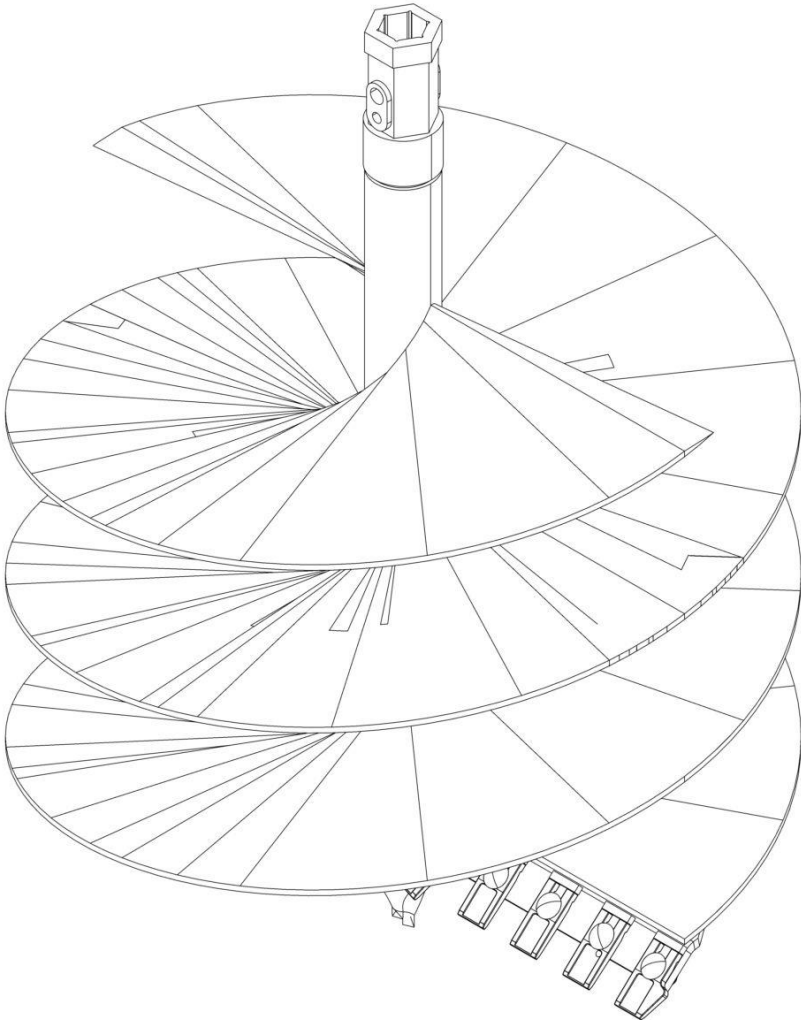
SECTION 3 - ATTACHMENTS

FIGURE 3-7. AUGER BIT (24INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204133	Ref	Auger Bit (24INX4IN)	B

SECTION 3 - ATTACHMENTS

FIGURE 3-8. AUGER BIT (36INX4IN)



ART_1001204134-B

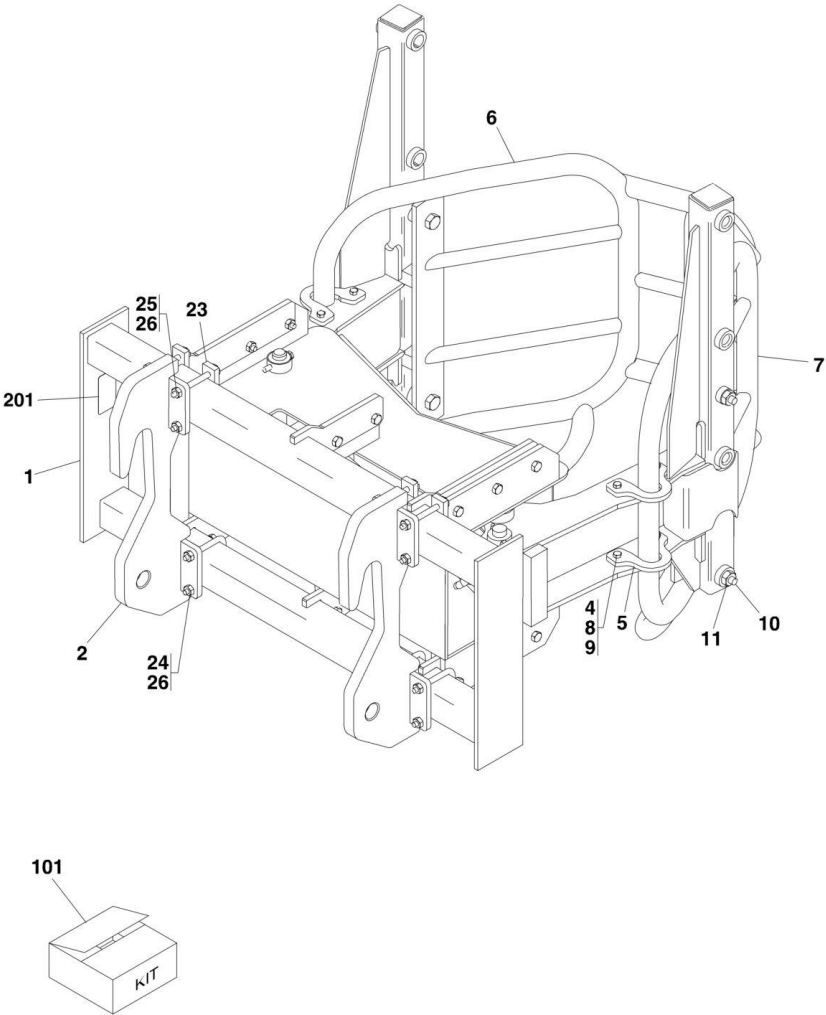
SECTION 3 - ATTACHMENTS

FIGURE 3-8. AUGER BIT (36INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204134	Ref	Auger Bit (36INX4IN)	B

SECTION 3 - ATTACHMENTS

FIGURE 3-9. BALE HANDLER (TUBE CLAMP)



ART_0240117-E

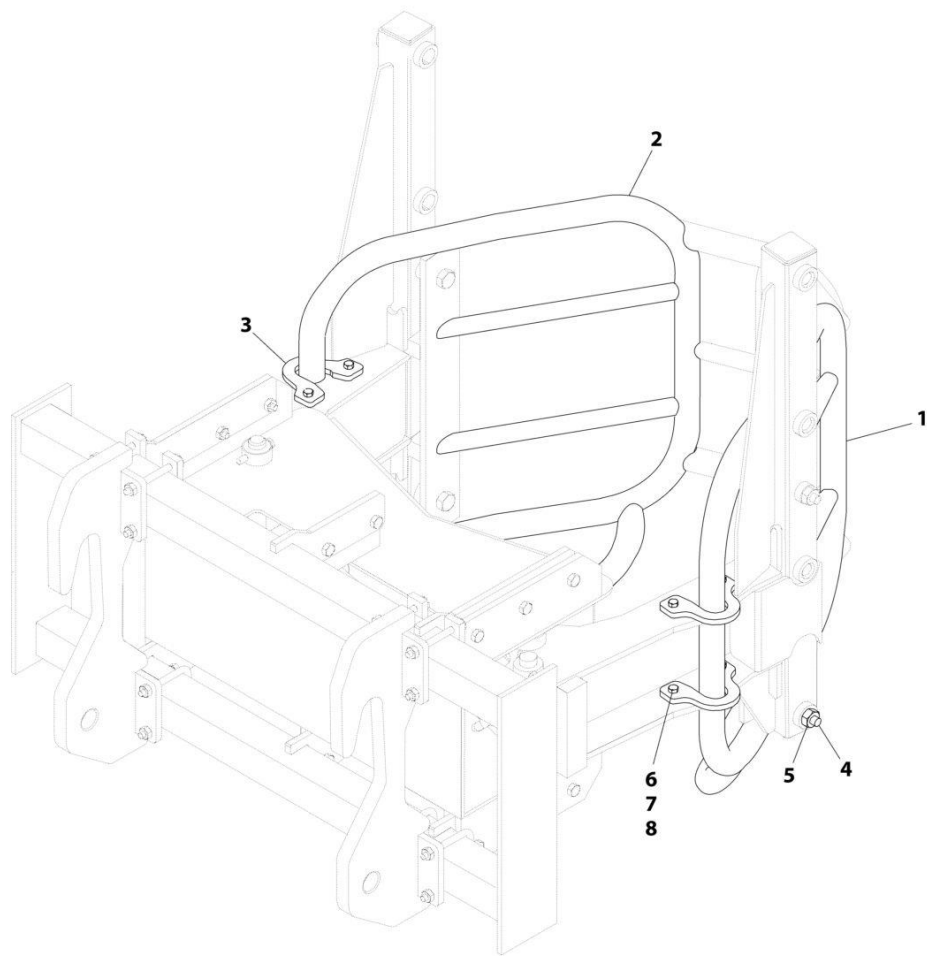
SECTION 3 - ATTACHMENTS

FIGURE 3-9. BALE HANDLER (TUBE CLAMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0240117	1	Bale Handler (Tube Clamp)	E
1	N.S.S.	1	Weldment	
2	7029344	1	Weldment, Attach (includes items 23 thru 26)	
4	7029345	8	Bolt, M12X45	
5	7029346	4	Strap	
6	7029347	1	Arm, Left Tube	
7	7029348	1	Arm, Right Tube	
8	7029349	8	Washer, M12	
9	7029350	8	Locknut, M12X8	
10	7029351	4	Bolt, M22X180	
11	7029352	4	Locknut, M22X8	
23	7029353	4	Plate	
24	7029354	4	U-Bolt	
25	7029355	8	Bolt, M16X130	
26	7029356	16	Locknut, M16X8	
101	2902440	1	Kit, Bale Handler (Spikes to Tube) (CE & AUS) (includes items 4 thru 11) (See Separate Breakdown in this Section)	
201	N.S.S.	AR	SN Plate	

SECTION 3 - ATTACHMENTS

FIGURE 3-10. BALE HANDLER KIT (TUBE CLAMP)



ART_2902440-A

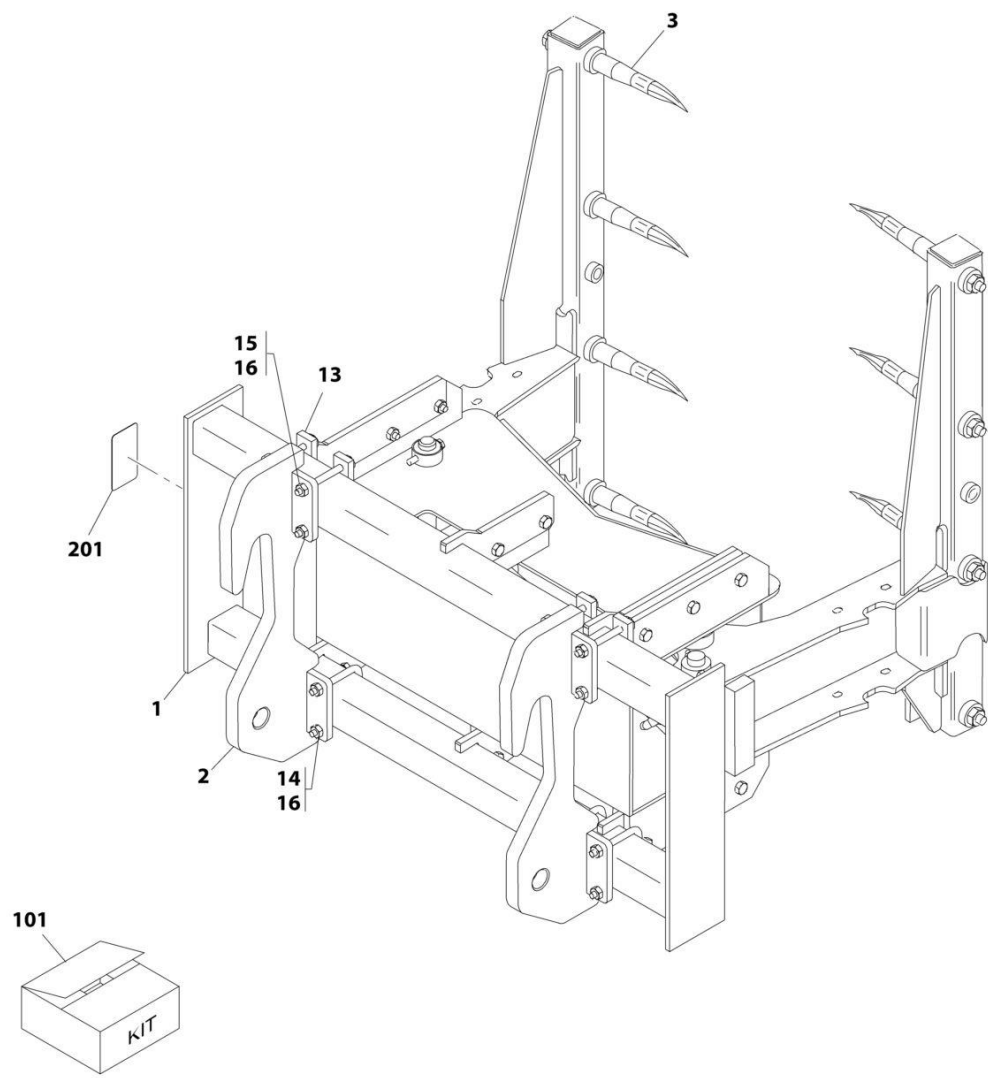
SECTION 3 - ATTACHMENTS

FIGURE 3-10. BALE HANDLER KIT (TUBE CLAMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2902440	Ref	Bale Handler Kit (Spikes to Tube)	A
1	7029348	1	Bent Arm, Right	
2	7029347	1	Bent Arm, Left	
3	7029346	4	Strap	
4	7029351	4	Bolt, M22X180-8.8	
5	7029352	4	Locknut, M22-8	
6	7029345	8	Bolt, M12X45-8.8	
7	7029350	8	Locknut, M12-8	
8	7029349	8	Washer, M12	

SECTION 3 - ATTACHMENTS

FIGURE 3-11. BALE HANDLER (SPIKE CLAMP)



ART_0240118-E

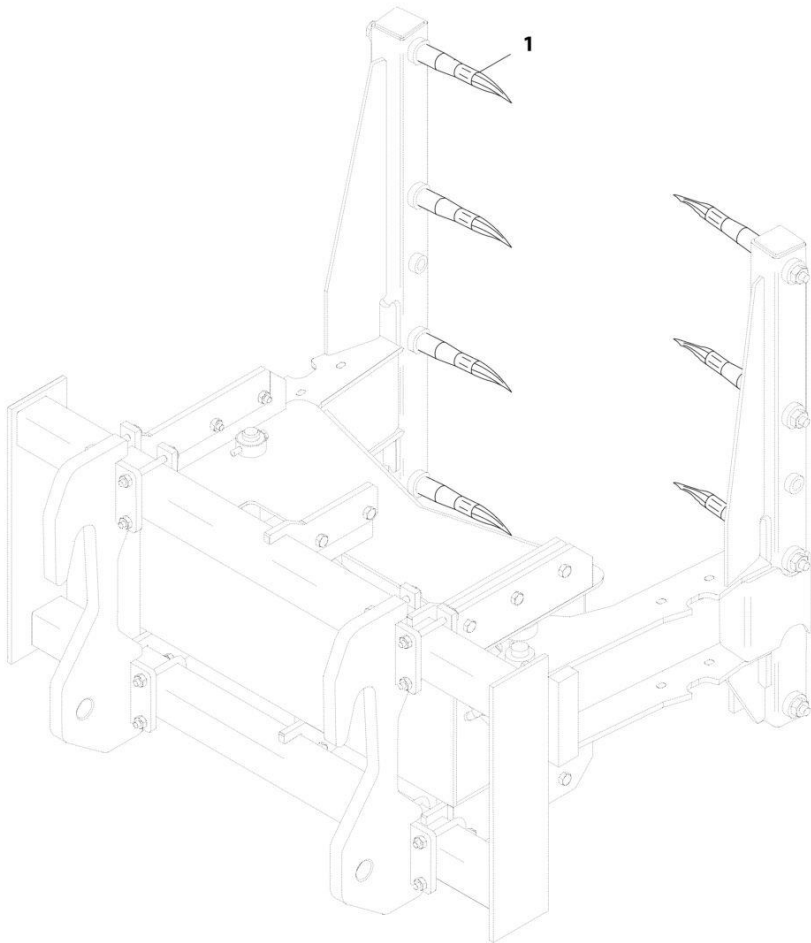
SECTION 3 - ATTACHMENTS

FIGURE 3-11. BALE HANDLER (SPIKE CLAMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0240118	1	Bale Handler (Spike Clamp)	E
1	N.S.S.	1	Weldment	
2	7029344	1	Weldment, Attach (includes items 13 thru 16)	
3	7029357	8	Spike	
13	7029353	4	Plate	
14	7029354	4	U-Bolt	
15	7029355	8	Bolt, M16X130	
16	7029356	16	Locknut, M16X8	
101	2902441	1	Kit, Bale Handler Kit (Spikes) (CE & AUS) (includes item 3) (See Separate Breakdown in this Section)	
201	N.S.S.	AR	SN Plate	

SECTION 3 - ATTACHMENTS

FIGURE 3-12. BALE HANDLER KIT (SPIKE CLAMP)



ART_2902441-A

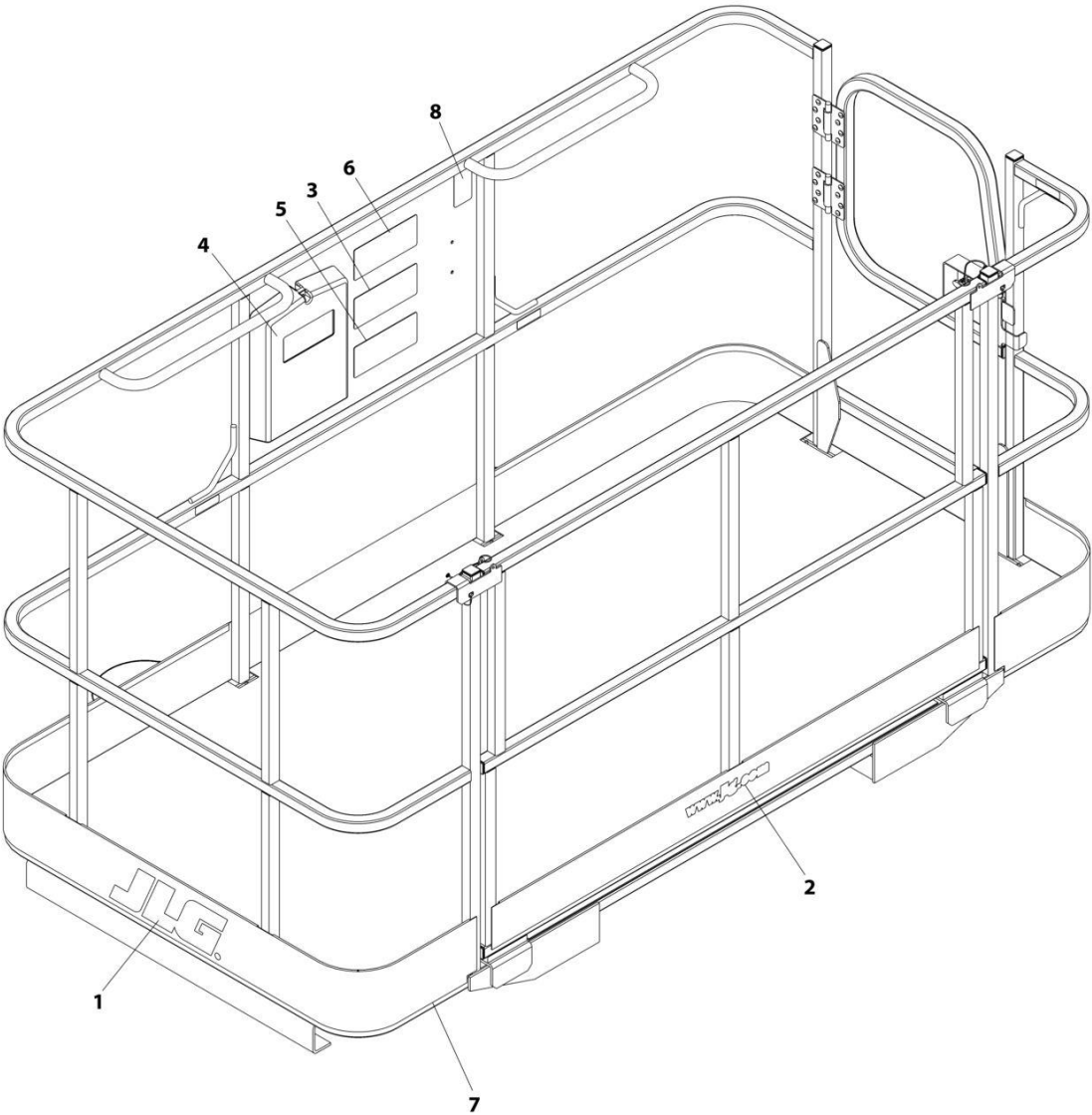
SECTION 3 - ATTACHMENTS

FIGURE 3-12. BALE HANDLER KIT (SPIKE CLAMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2902441	1	Bale Handler Kit (Spikes)	A
	Kit	1	Kit	

SECTION 3 - ATTACHMENTS

FIGURE 3-13. BASKET - FORK MOUNTED (1.2MX2.4M) (DOMESTIC DECALS)



ART_1001238653-A

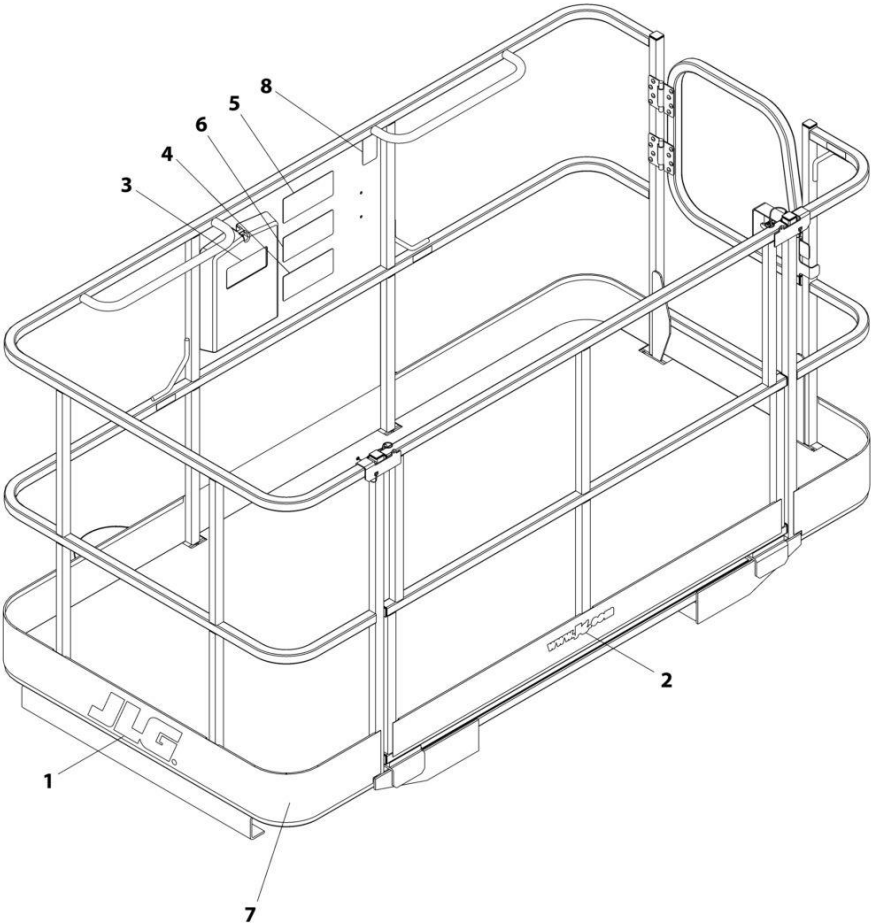
SECTION 3 - ATTACHMENTS

FIGURE 3-13. BASKET - FORK MOUNTED (1.2MX2.4M) (DOMESTIC DECALS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238653	Ref	FORK MOUNTED PLATFORM	B
1	1702773	2	Decal, JLG	
2	1704885	1	Decal, Website	
3	1706892	1	Decal, Platform Warning	
4	31200160	1	Manual, Personnel Work Platform Operation and Safety	
5	1001092481	1	Decal, Warning Attachment	
6	1001092482	1	Decal, Platform Capacity	
7	1001238565	1	Platform, Fork Mounted (See Separate Breakdown in this Section)	
8	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	

SECTION 3 - ATTACHMENTS

FIGURE 3-14. BASKET - FORK MOUNTED (1.2MX2.4M) (FRENCH LANGUAGE DECALS)



ART_1001238655-A

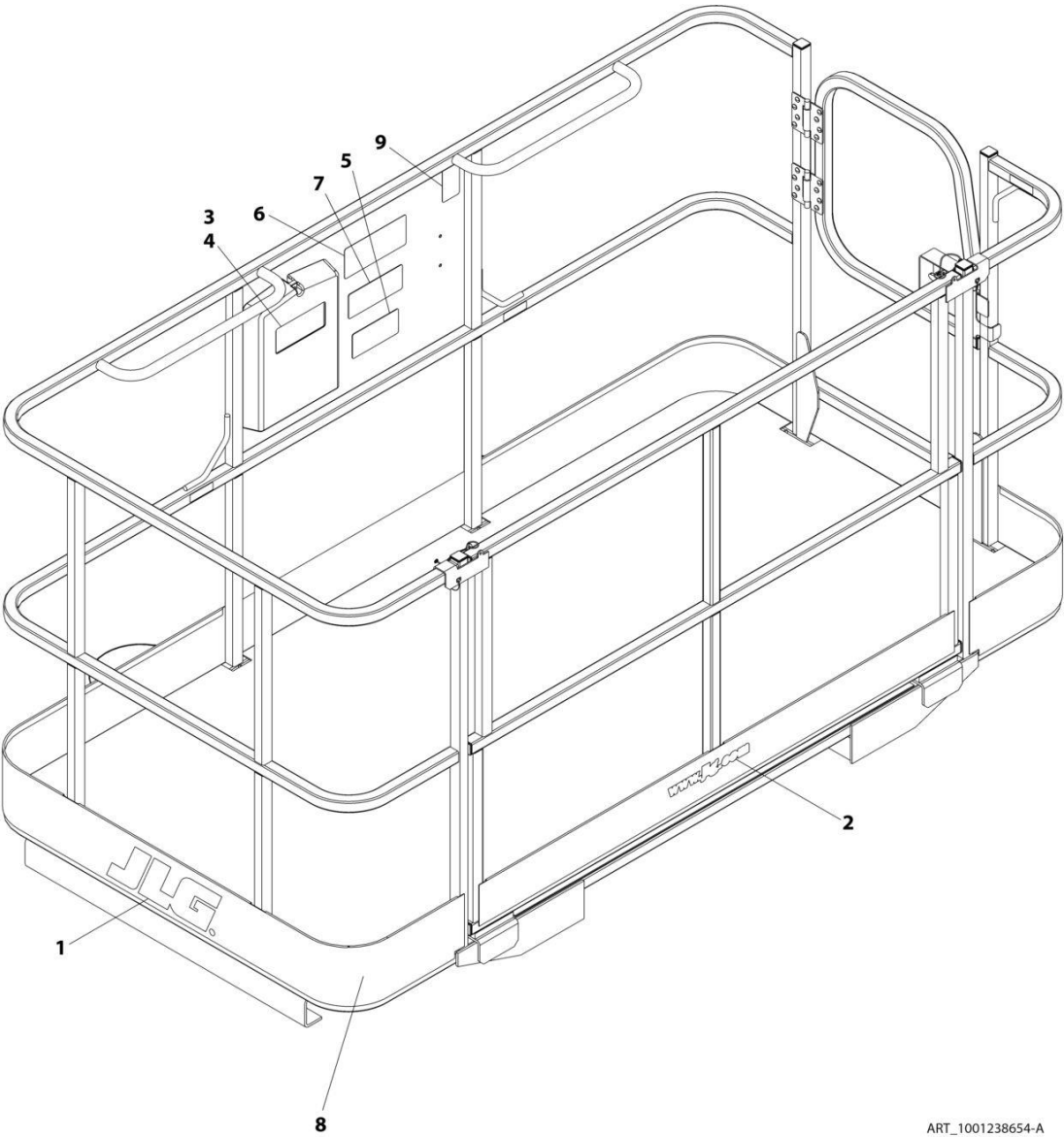
SECTION 3 - ATTACHMENTS

FIGURE 3-14. BASKET - FORK MOUNTED (1.2MX2.4M) (FRENCH LANGUAGE DECALS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238655	Ref	BASKET, PERSONNEL	B
1	1702773	2	Decal, JLG	
2	1704885	1	Decal, Website	
3	31200386	1	Manual, Operation and Safety (French)	
4	1001096019	1	Decal, Warning Attachment (French)	
5	1001096020	1	Decal, Platform Capacity (French)	
6	1001096024	1	Decal, Platform Warning (French)	
7	1001238565	1	Platform, Fork Mounted (ANSI) (See Separate Breakdown in this Section)	
8	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	

SECTION 3 - ATTACHMENTS

FIGURE 3-15. BASKET - FORK MOUNTED (1.2MX2.4M) (ISO DECALS)



ART_1001238654-A

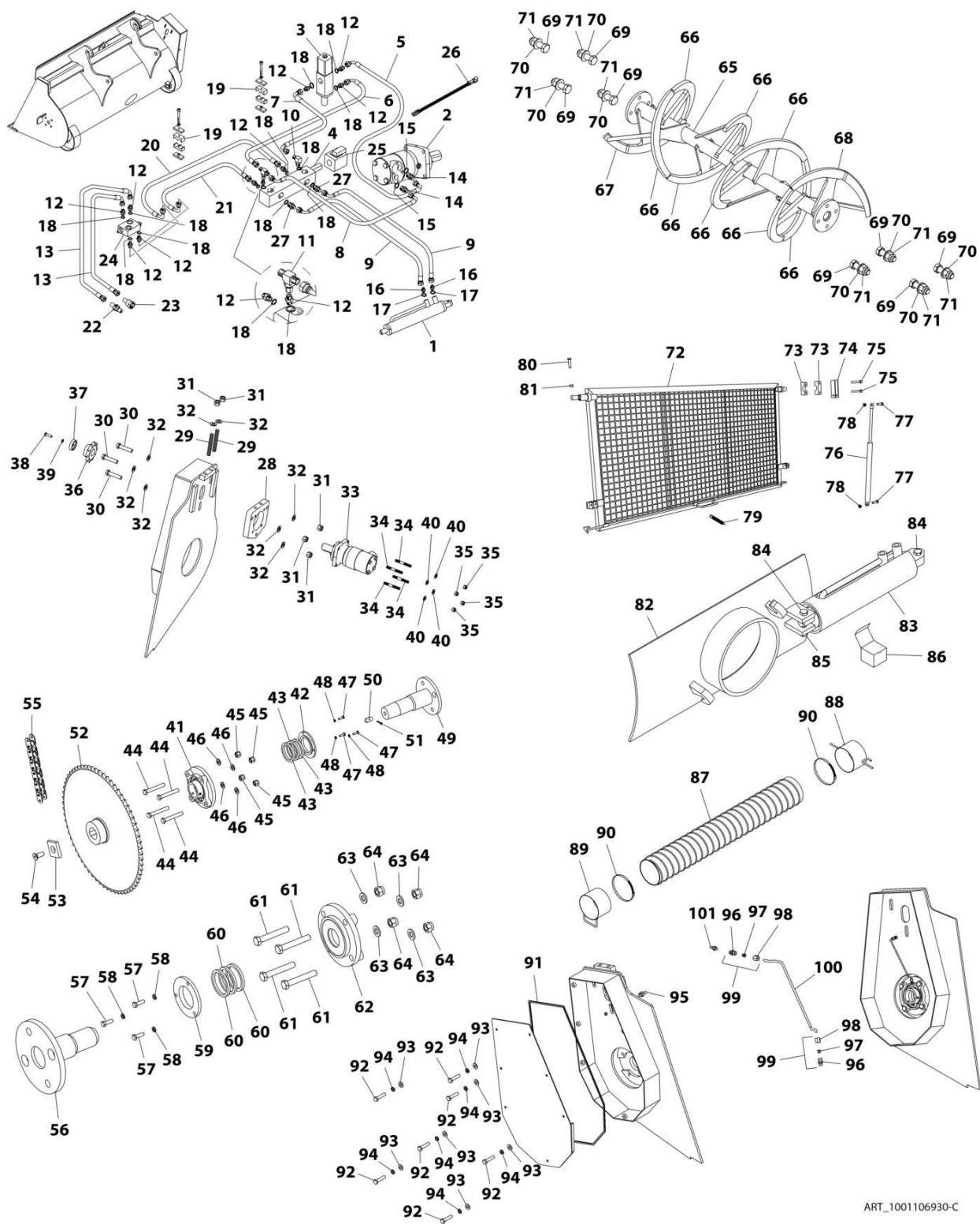
SECTION 3 - ATTACHMENTS

FIGURE 3-15. BASKET - FORK MOUNTED (1.2MX2.4M) (ISO DECALS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238654	Ref	BASKET, PERSONNEL	B
1	1702773	2	Decal, JLG	
2	1704885	1	Decal, Website	
3	31200387	1	Manual, Operation and Safety, Spanish	
4	31200388	1	Manual, Operation and Safety, Portuguese	
5	1001096021	1	Decal, Warning Attachment	
6	1001096023	1	Decal, Platform Capacity	
7	1001096025	1	Decal, Platform Warning	
8	1001238565	1	Platform, Fork Mounted (ANSI) (See Separate Breakdown in this Section)	
9	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	

SECTION 3 - ATTACHMENTS

FIGURE 3-16. BUCKET (CONCRETE)



ART_1001106930-C

SECTION 3 - ATTACHMENTS

FIGURE 3-16. BUCKET (CONCRETE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001106930	1	Concrete Bucket	E
1	70024436	1	Cylinder, Concrete Bucket	
2	70024437	1	Engine, Hydraulic	
3	70024438	1	Valve, Flow Divisor	
4	70024439	1	Valve, Solenoid	
5	70024440	1	Pipe	
6	70024441	1	Pipe	
7	70024442	1	Pipe	
8	70024443	1	Pipe	
9	70024444	2	Pipe	
10	70024445	1	Fitting, 90	
11	70024446	1	Fitting, Tee	
12	70024447	10	Fitting, Straight	
13	70024448	2	Pipe	
14	70024449	2	Fitting, Straight	
15	70024450	2	Gasket	
16	1001104958	2	Fitting, Straight	
17	1001103531	2	Gasket	
18	70022927	2	Gasket	
19	70024452	2	Clamp	
20	70024453	1	Pipe	
21	70024454	1	Pipe	
22	1001101041	1	Coupling, Male Quick Disconnect	
23	1001101042	1	Coupling, Female Quick Disconnect	
24	70027990	1	Valve	
25	70024455	1	Coil	
26	70024456	1	Electric Cable	
27	70027991	2	Fitting, Straight	
28	70027992	1	Regulation plate	
29	70027993	2	Stud	
30	70027994	3	Bolt	
31	70027995	5	Nut, Self Locking	
32	70020728	8	Washer	
33	70024437	1	Hydraulic Engine	
34	70027996	4	Stud	
35	70027997	4	Nut, Self Locking	
36	70027998	1	Pinion	
37	70027999	1	Pinion cover	
38	70028000	1	Bolt	
39	70028001	1	Grower	
40	70028002	4	Washer	
41	70028003	1	Support Flange bearing	
42	70028004	1	Cover seal press	
43	70028005	3	Rope Fat	
44	70020724	4	Bolt	
45	70020726	4	Nut, Self Locking	
46	70020725	4	Washer	
47	70028006	3	Bolt	
48	70028007	3	Grower	
49	70028008	1	Pin	

SECTION 3 - ATTACHMENTS

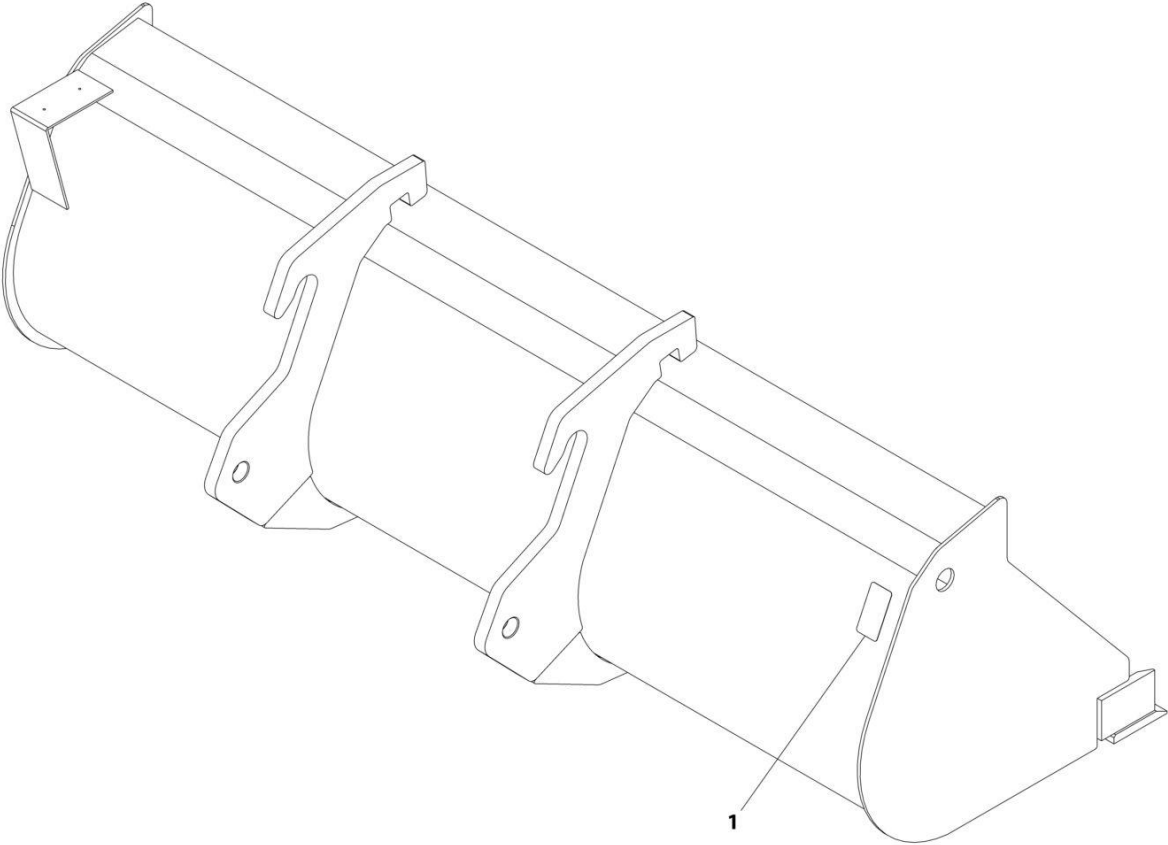
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	70028009	1	Tab	
51	70028010	1	Bolt	
52	70028011	1	Koruna Wheels	
53	70028012	1	Fixing Koruna Wheels	
54	70028013	1	Bolt	
55	70028014	1	Track	
56	70028015	1	Pin	
57	70028006	3	Bolt	
58	70028007	3	Grower	
59	70028016	1	Cover seal press	
60	70028017	3	Rope Fat	
61	70028018	4	Bolt	
62	70028019	1	Support flange bearing	
63	70028002	4	Washer	
64	70027997	4	Nut, Self Locking	
65	70028020	1	Helical mixer only carpentry	
66	70028021	8	Central Sector	
67	70028022	1	Left Sector	
68	70028023	1	Right Sector	
69	70028024	8	Bolt	
70	70020728	8	Washer	
71	70027995	8	Nut, Self Locking	
72	70028025	1	Grid only carpentry	
73	70028026	4	Clamp heavy	
74	70028027	2	Pull nitrogen absorber	
75	70028028	4	Bolt	
76	70028029	2	Nitrogen absorber	
77	70028030	4	Bolt	
78	1001103201	4	Nut, Self Locking	
79	70028031	1	Return spring	
80	70028032	1	Bolt	
81	70028033	1	Nut	
82	70028034	1	Sliding door only carpentry	
83	70024436	1	Cylinder	
84	70028035	2	Bolt	
85	1001103201	2	Nut, Self Locking	
86	70028036	1	Gasket Kit	
87	70028037	1	Dump tube	
88	70028038	1	Tube with clevis door blocking	
89	70028039	1	Tube with clevis move	
90	70028040	2	Hose Clamp	
91	70028041	1	Gasket carter	
92	70028042	7	Bolt	
93	70028087	7	Washer	
94	70028007	7	Grower	
95	70021242	1	Greaser	
96	70028043	2	Link	
97	70028044	2	Sleeve	
98	70028046	2	Nut	
99	70028045	2	Link, sleeve, nut	
100	70028047	1	Pipe	

SECTION 3 - ATTACHMENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	70021242	1	Greaser	

SECTION 3 - ATTACHMENTS

FIGURE 3-17. BUCKET (DIRT)



ART_1001197945-A

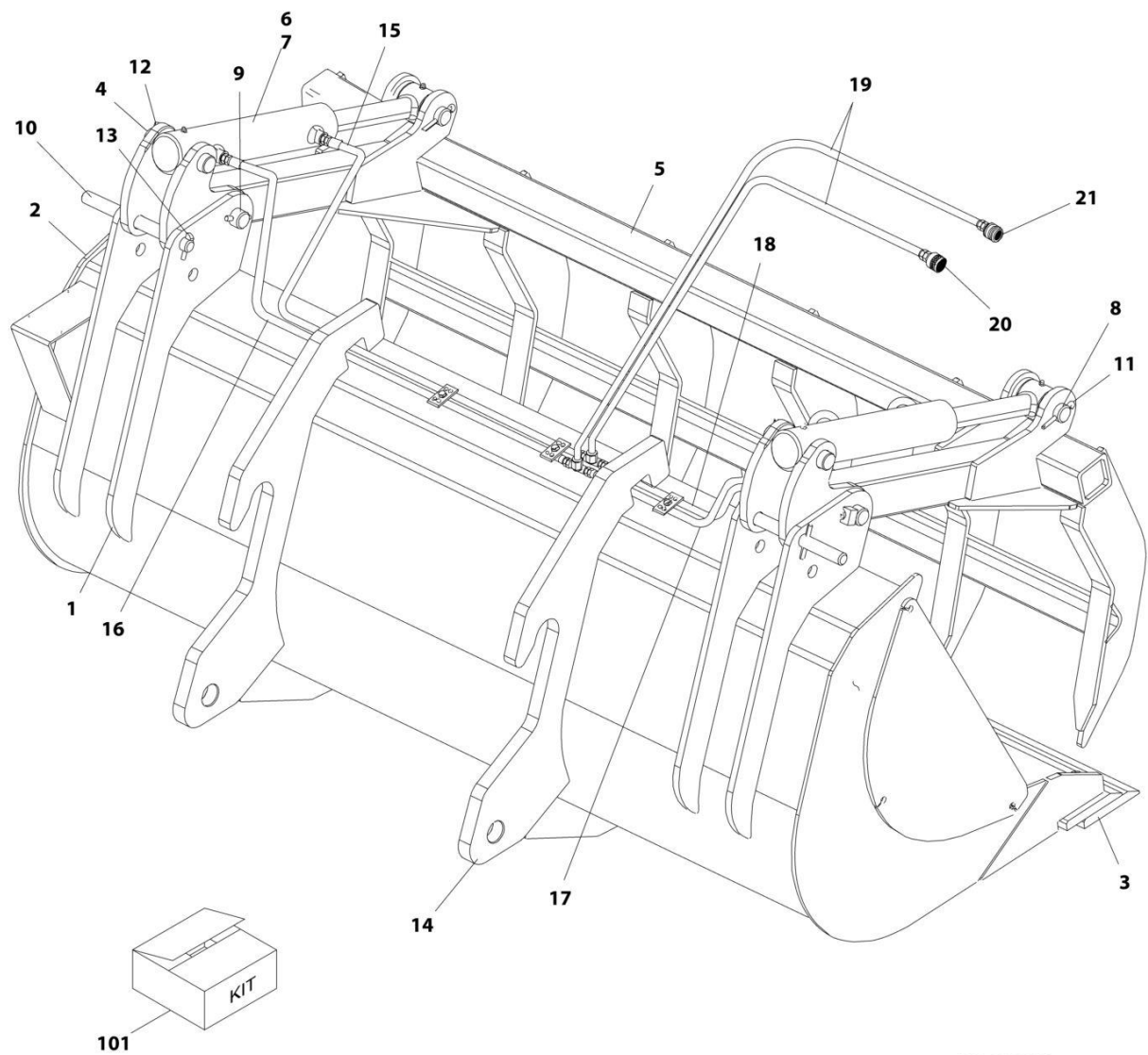
SECTION 3 - ATTACHMENTS

FIGURE 3-17. BUCKET (DIRT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001197945	1	Dig Bucket (1.0 m ³)	D
	N.S.S.	1	Plate, Serial Number	

SECTION 3 - ATTACHMENTS

FIGURE 3-18. BUCKET (GRAPPLE MULTI-PURPOSE)



ART_0930004-E

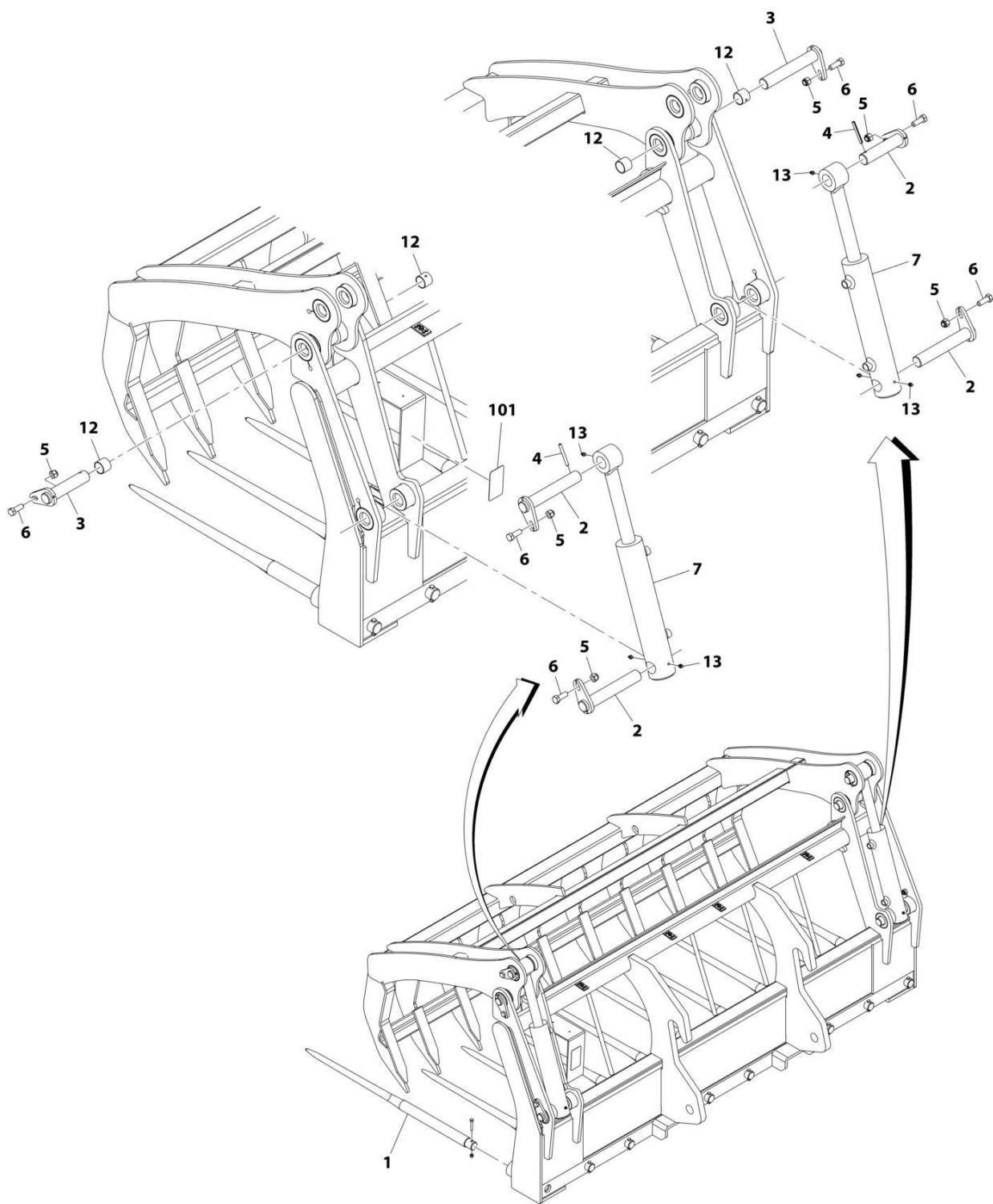
SECTION 3 - ATTACHMENTS

FIGURE 3-18. BUCKET (GRAPPLE MULTI-PURPOSE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930004	1	Multi-Purpose Grapple Bucket (Wide Grip - 2450 MM) (CE & AUS)	E
1	N.S.S.	1	Weldment	
2	7028133	1	Plate	
3	7028132	1	Assembly, Blade (includes blade and the following hardware)	
	7029356	8	Nut, Lock M16	
	70023484	8	Bolt, M16X60	
4	7028126	2	Bracket	
5	7028125	1	Grapple	
6	7028127	2	Cylinder, Tilt	
	7028910	AR	Kit, Seal	
7	7028131	6	Bushing	
8	7028128	2	Pin	
9	7028129	2	Pin, Locking	
10	7028130	2	Pin	
11	7028135	4	Pin, Roll	
12	7028134	8	Pin, Roll	
13	7029124	2	Circlip	
14	7029749	1	Assembly, Connecting	
15	7028986	1	Hose	
16	7028987	1	Hose	
17	7028988	1	Hose	
18	7028989	1	Hose	
19	7028984	2	Hose	
20	1001094555	1	Coupler, Female	
21	1001094556	1	Coupler, Male	
101	Kit	1	Kit	

SECTION 3 - ATTACHMENTS

FIGURE 3-19. BUCKET (MANURE GRAPPLE)



ART_1001216001-B

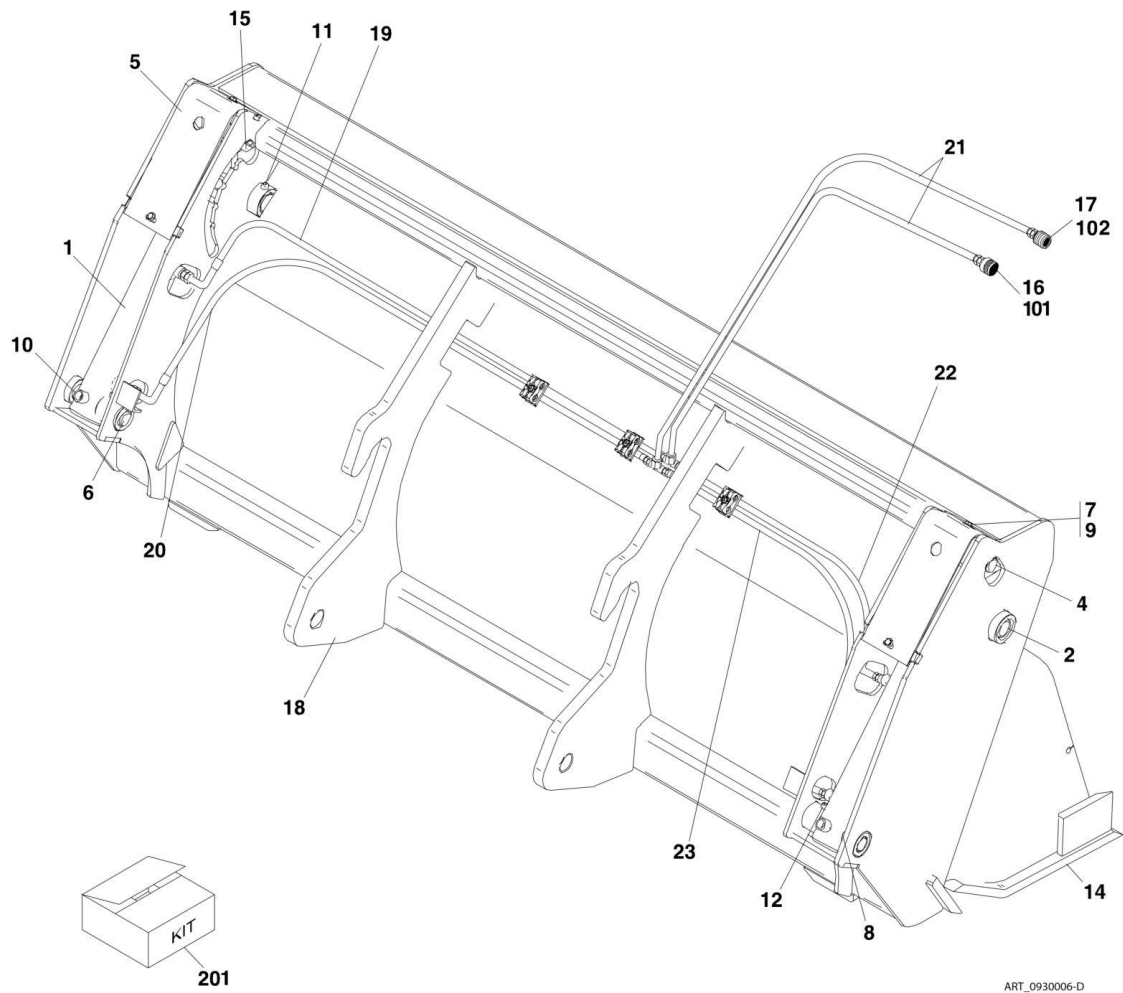
SECTION 3 - ATTACHMENTS

FIGURE 3-19. BUCKET (MANURE GRAPPLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216001	1	Manure Grapple Bucket (2300 MM)	D
1	70027302	10	Right Electro-Forged Fingers	
2	70027294	4	Pin	
3	70027293	2	Pin	
4	70027298	2	Roll Pin	
5	70027296	6	Nut	
6	70027297	6	Screw	
7	7028127	2	Cylinder	
8	70027325	1	Hose (not shown)	
9	7028988	1	Hose (not shown)	
10	70027326	1	Hose (not shown)	
11	7028986	1	Hose (not shown)	
12	7028131	10	Bush	
13	7028918	6	Grease Nipple	
101	N.S.S.	1	Plate, Serial Number	

SECTION 3 - ATTACHMENTS

FIGURE 3-20. BUCKET(0.6M³) (MULTI-PURPOSE 4 IN 1)



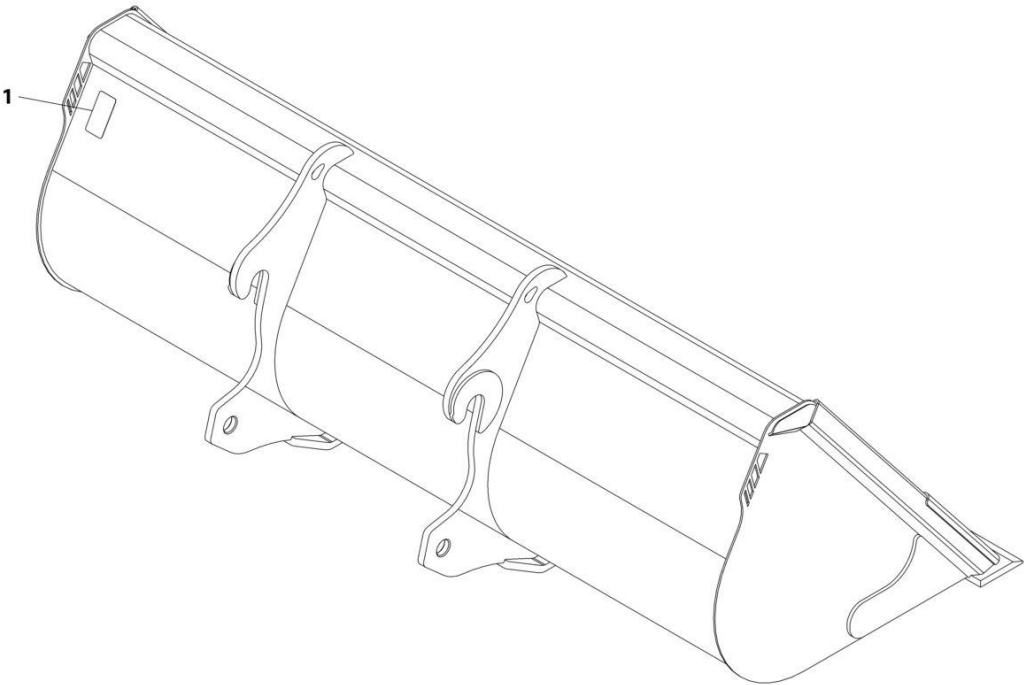
SECTION 3 - ATTACHMENTS

FIGURE 3-20. BUCKET(0.6M³) (MULTI-PURPOSE 4 IN 1)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930006	1	4 in 1 Bucket 0.6 M ³	D
1	7028990	2	Cylinder	
1	7028910	1	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	Adapter, Female Quick Disconnect	
17	1001094556	1	Adapter, 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	1001093826	1	Cap, Dust	
102	1001093827	1	Plug, Dust	
201	1001097287	1	Kit, Quick Disconnect Adapter (includes items 16, 17, 101 & 102)	

SECTION 3 - ATTACHMENTS

FIGURE 3-21. BUCKET(1M³/1.25YD³) (GENERAL PURPOSE - ROUND HEEL)



ART_1001215988-B

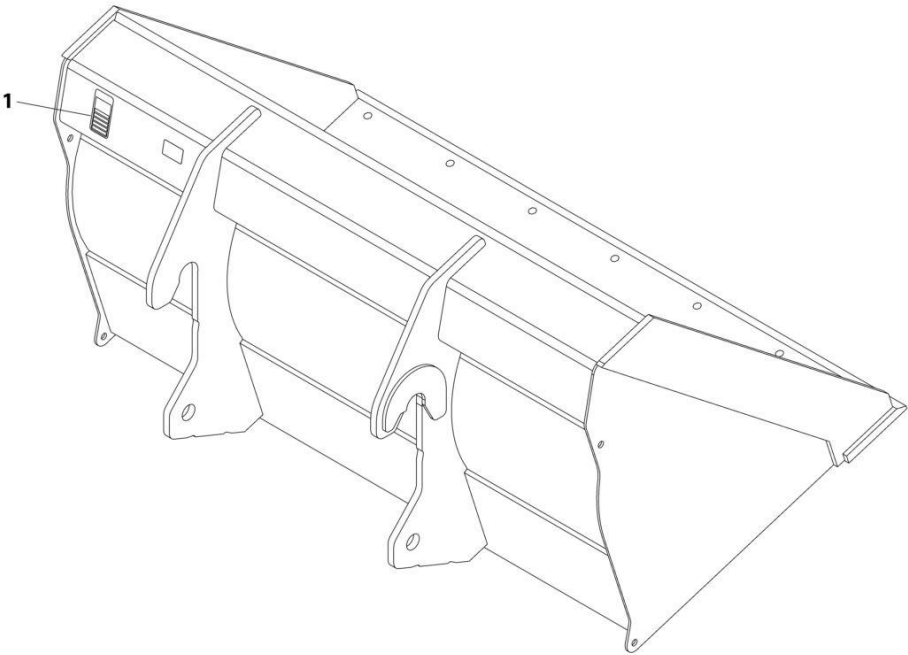
SECTION 3 - ATTACHMENTS

FIGURE 3-21. BUCKET(1M³/1.25YD³) (GENERAL PURPOSE - ROUND HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215988	1	Bucket (1 m ³)	D
1	N.S.S.	1	Plate, Serial Number	
2	70031031	1	Attachment, Cutting Edge (Optional - Must be Ordered Separately) (Not Shown)	

SECTION 3 - ATTACHMENTS

FIGURE 3-22. BUCKET(1M³/1.25YD³) (GENERAL PURPOSE - ANGULAR HEEL)



ART_1001290109

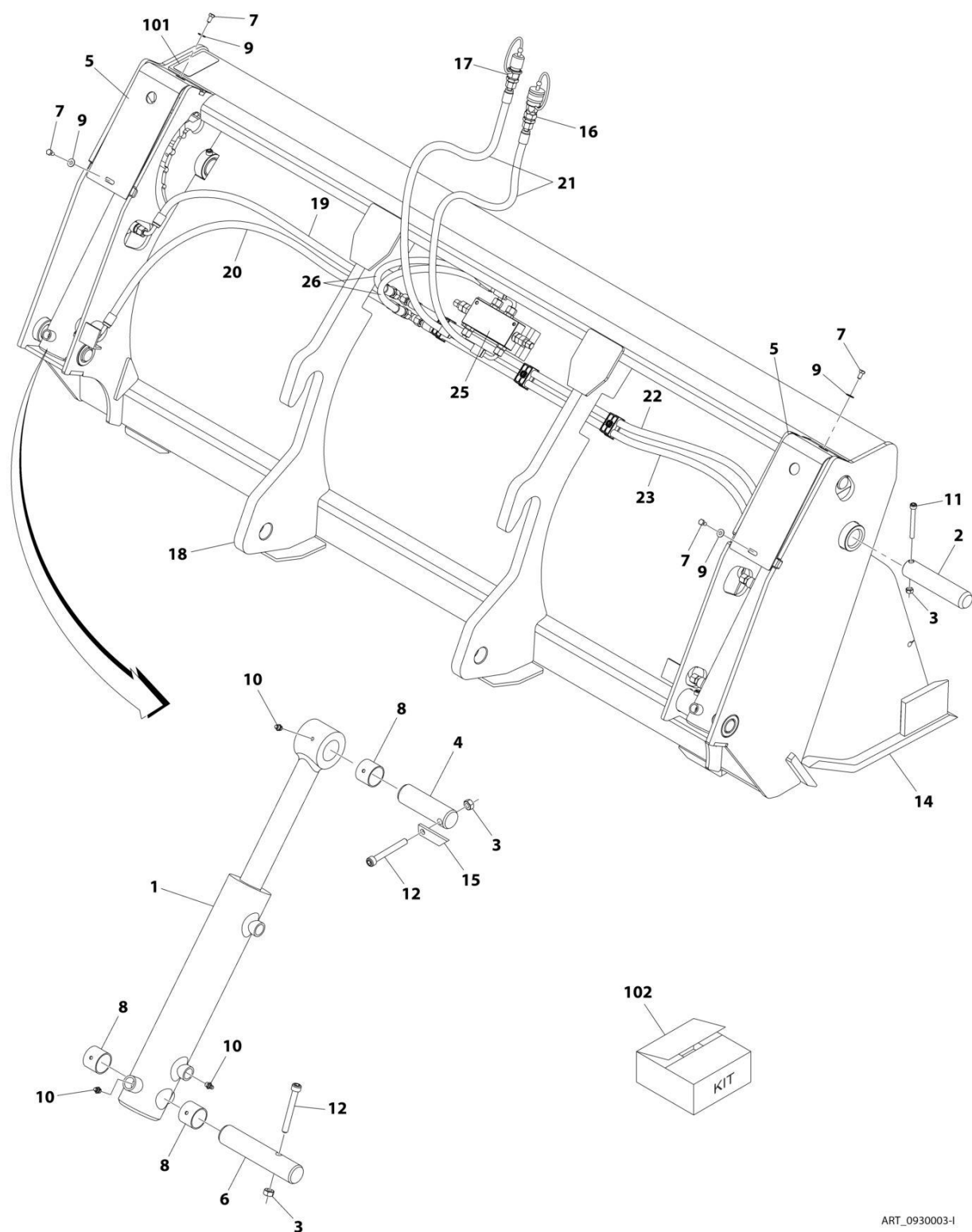
SECTION 3 - ATTACHMENTS

FIGURE 3-22. BUCKET(1M³/1.25YD³) (GENERAL PURPOSE - ANGULAR HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001290109 N.S.S.	Ref 1	BUCKET Plate, Serial Number	B

SECTION 3 - ATTACHMENTS

FIGURE 3-23. BUCKET(1M³/1.25YD³) (MULTI-PURPOSE 4 IN 1)



ART_0930003-I

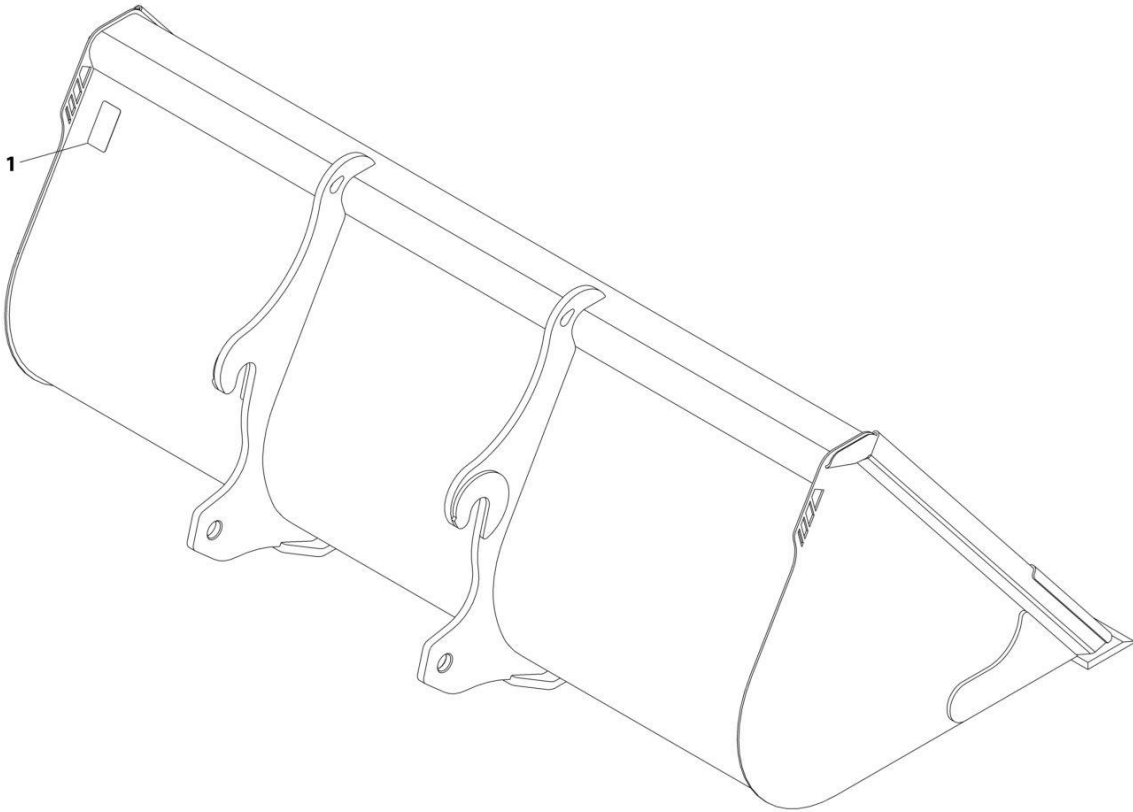
SECTION 3 - ATTACHMENTS

FIGURE 3-23. BUCKET(1M³/1.25YD³) (MULTI-PURPOSE 4 IN 1)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930003	Ref	4 in 1 Bucket (1.0 m ³)	I
1	7028990	2	Cylinder	
	7028910	AR	Kit, Seal, Cylinder	
2	7028911	2	Pin	
3	7028912	6	Nut, (not shown)	
4	7028913	2	Pin	
5	N.S.S.	2	Plate	
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	
24	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 3 - ATTACHMENTS

FIGURE 3-24. BUCKET (1.5M³/2YD³) (GENERAL PURPOSE - ROUND HEEL)



ART_1001215990-B

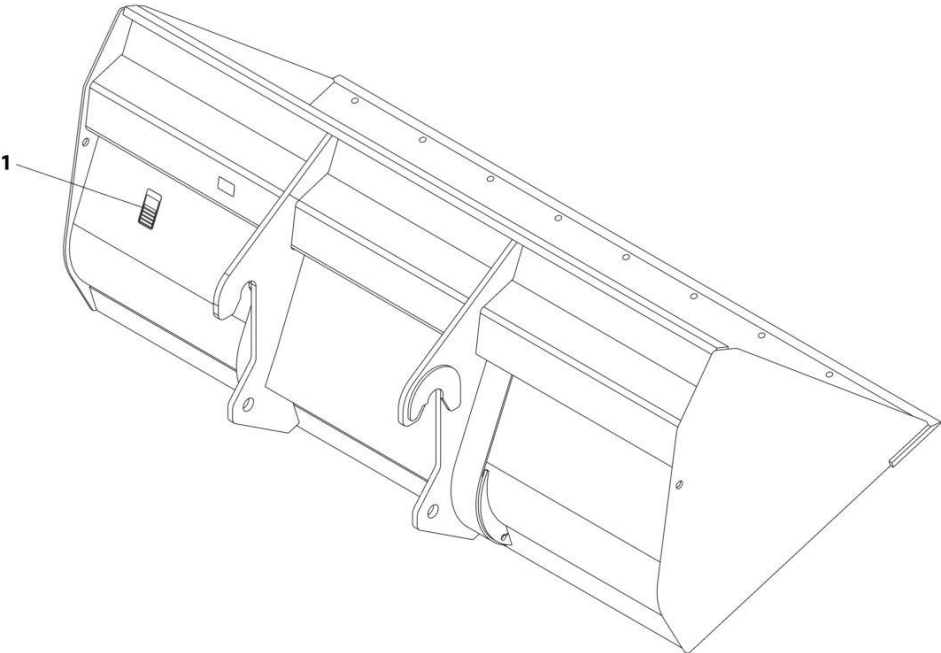
SECTION 3 - ATTACHMENTS

FIGURE 3-24. BUCKET (1.5M³/2YD³) (GENERAL PURPOSE - ROUND HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215990	1	Bucket (1.5 m ³)	D
1	N.S.S.	1	Plate, Serial Number	
2	70031031	1	Attachment, Cutting Edge (Optional - Must be Ordered Separately) (Not Shown)	

SECTION 3 - ATTACHMENTS

FIGURE 3-25. BUCKET (1.5M³/2YD³) (GENERAL PURPOSE - ANGULAR HEEL)



ART_1001290111

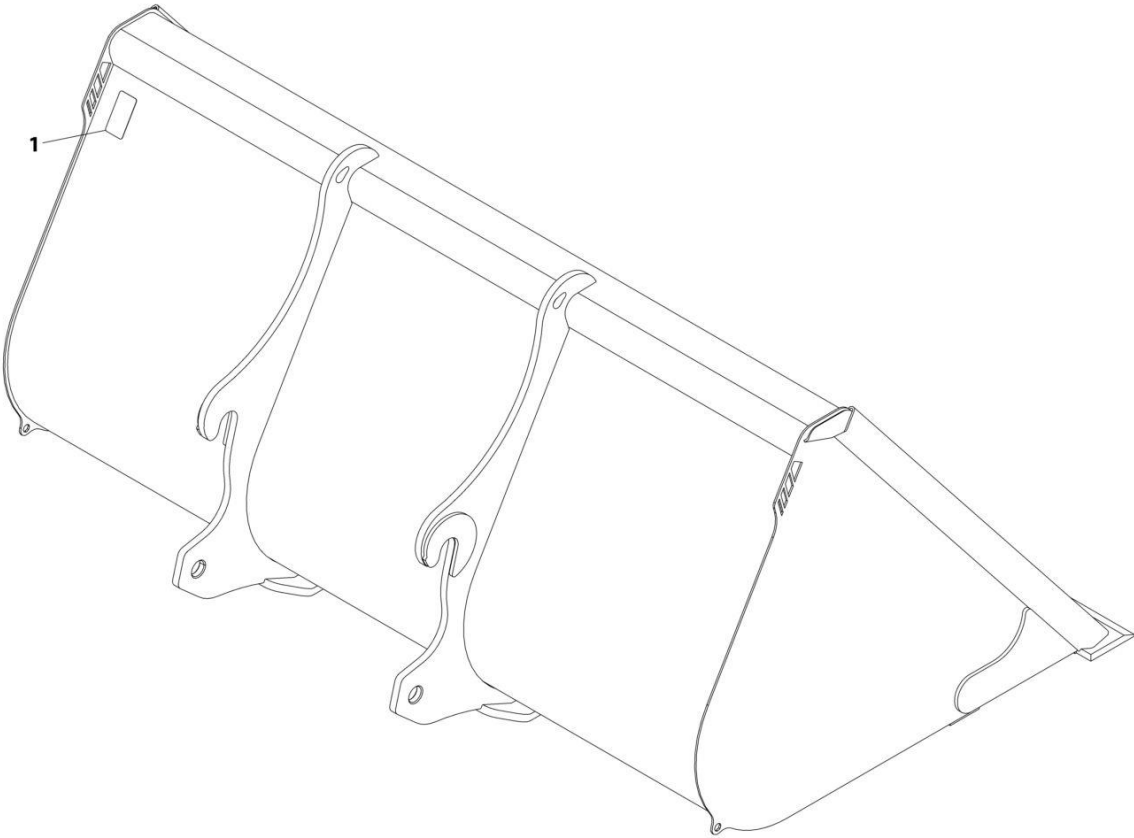
SECTION 3 - ATTACHMENTS

FIGURE 3-25. BUCKET (1.5M³/2YD³) (GENERAL PURPOSE - ANGULAR HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001290111 N.S.S.	Ref 1	BUCKET Plate, Serial Number	B

SECTION 3 - ATTACHMENTS

FIGURE 3-26. BUCKET (2M³/2.6YD³) (GENERAL PURPOSE - ROUND HEEL)



ART_1001215992-B

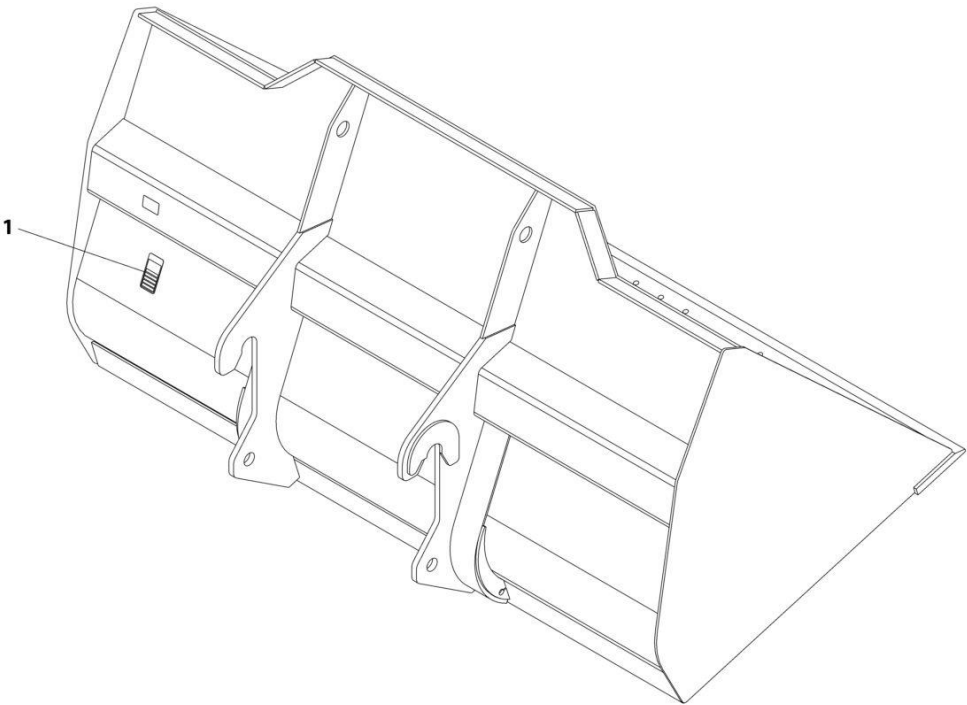
SECTION 3 - ATTACHMENTS

FIGURE 3-26. BUCKET (2M³/2.6YD³) (GENERAL PURPOSE - ROUND HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215992	1	Bucket (2 m ³)	D
1	N.S.S.	1	Plate, Serial Number	
2	70031031	1	Attachment, Cutting Edge (Optional - Must be Ordered Separately) (Not Shown)	

SECTION 3 - ATTACHMENTS

FIGURE 3-27. BUCKET (2M³/2.6YD³) (GENERAL PURPOSE - ANGULAR HEEL)



ART_1001290113

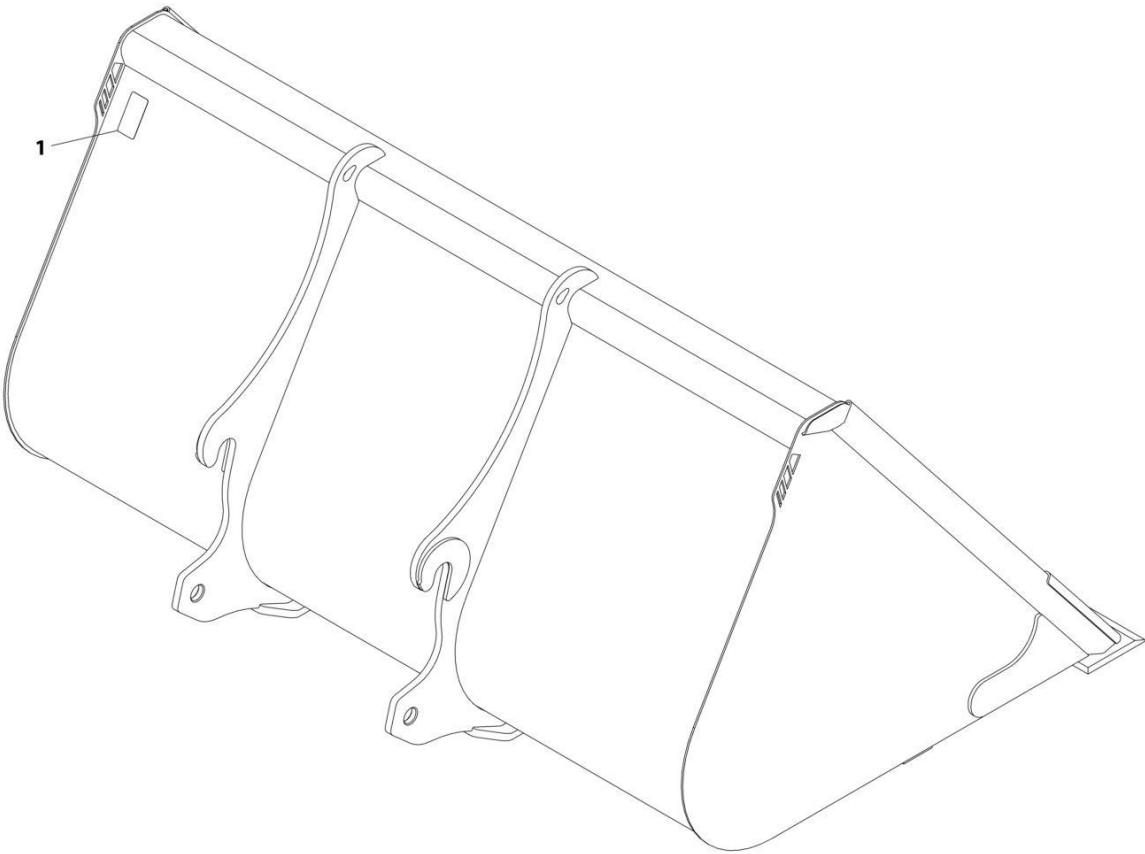
SECTION 3 - ATTACHMENTS

FIGURE 3-27. BUCKET (2M³/2.6YD³) (GENERAL PURPOSE - ANGULAR HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001290113 N.S.S.	Ref 1	BUCKET Plate, Serial Number	B

SECTION 3 - ATTACHMENTS

FIGURE 3-28. BUCKET (2.5M³/3.25YD³) (GENERAL PURPOSE - ROUND HEEL)



ART_1001215994-B

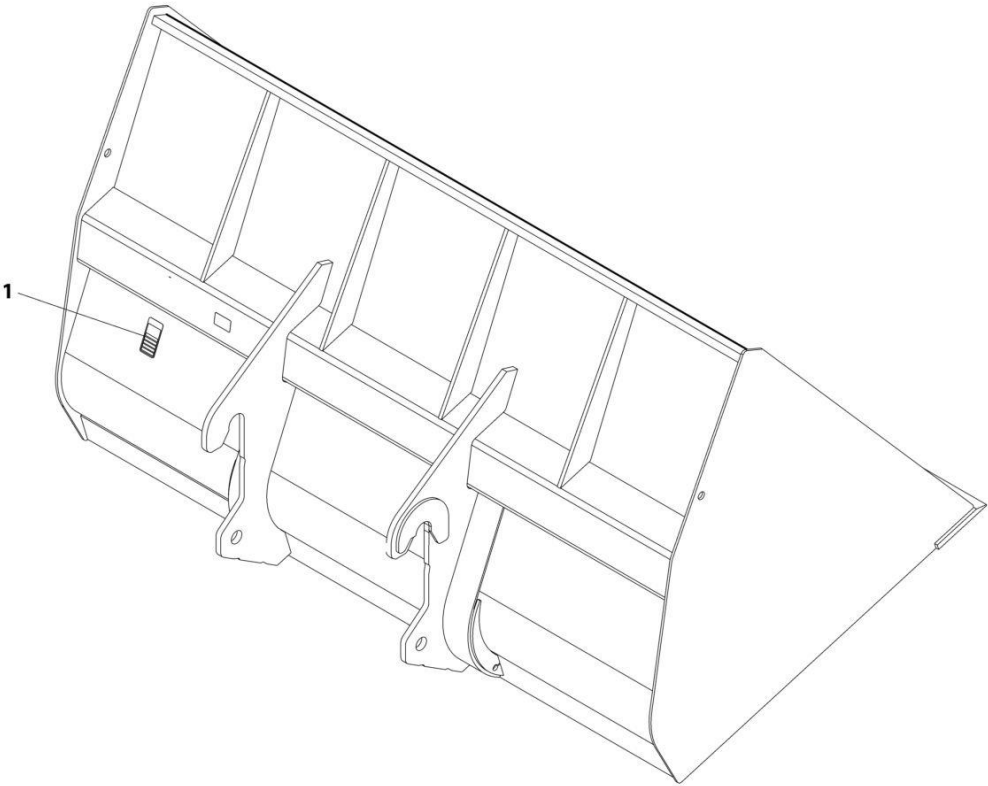
SECTION 3 - ATTACHMENTS

FIGURE 3-28. BUCKET (2.5M³/3.25YD³) (GENERAL PURPOSE - ROUND HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215994	1	Bucket (2.5 m ³)	D
1	N.S.S.	1	Plate, Serial Number	
2	70031031	1	Attachment, Cutting Edge (Optional - Must be Ordered Separately) (Not Shown)	

SECTION 3 - ATTACHMENTS

FIGURE 3-29. BUCKET (2.5M³/3.25YD³) (GENERAL PURPOSE - ANGULAR HEEL)



ART_1001290115

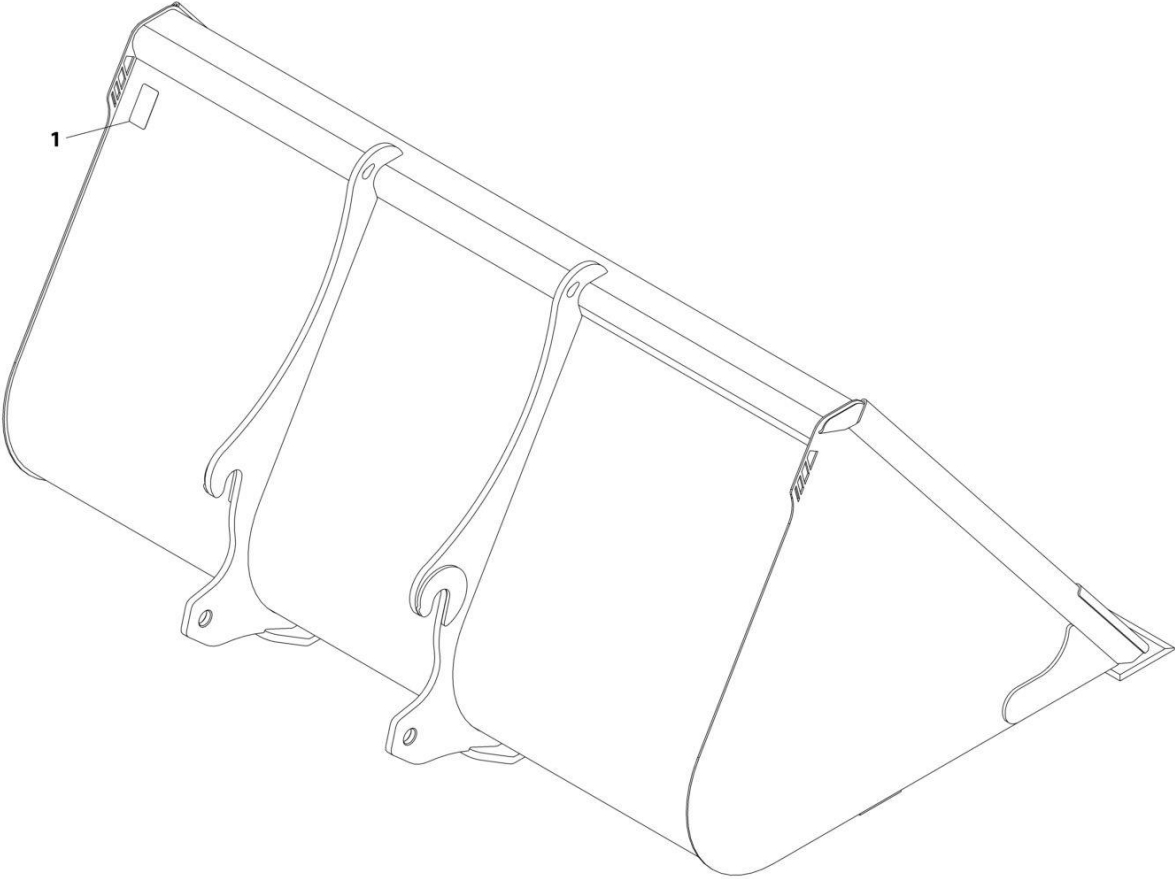
SECTION 3 - ATTACHMENTS

FIGURE 3-29. BUCKET (2.5M³/3.25YD³) (GENERAL PURPOSE - ANGULAR HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001290115 N.S.S.	Ref 1	BUCKET Plate, Serial Number	B

SECTION 3 - ATTACHMENTS

FIGURE 3-30. BUCKET (3M³/4YD³) (GENERAL PURPOSE - ROUND HEEL)



ART_1001215996-B

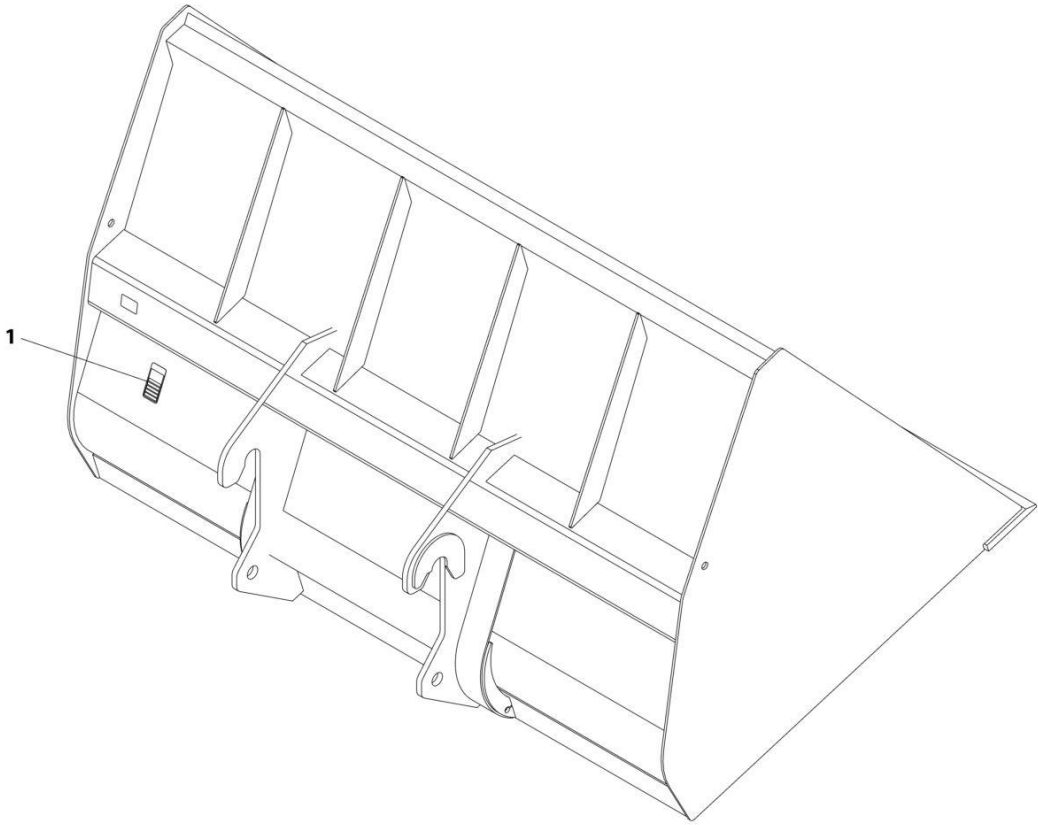
SECTION 3 - ATTACHMENTS

FIGURE 3-30. BUCKET (3M³/4YD³) (GENERAL PURPOSE - ROUND HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215996	1	Bucket (3 m ³)	D
1	N.S.S.	1	Plate, Serial Number	
2	70031032	1	Attachment, Cutting Edge (Optional - Must be Ordered Separately) (Not Shown)	

SECTION 3 - ATTACHMENTS

FIGURE 3-31. BUCKET (3M³/4YD³) (GENERAL PURPOSE - ANGULAR HEEL)



ART_1001290122

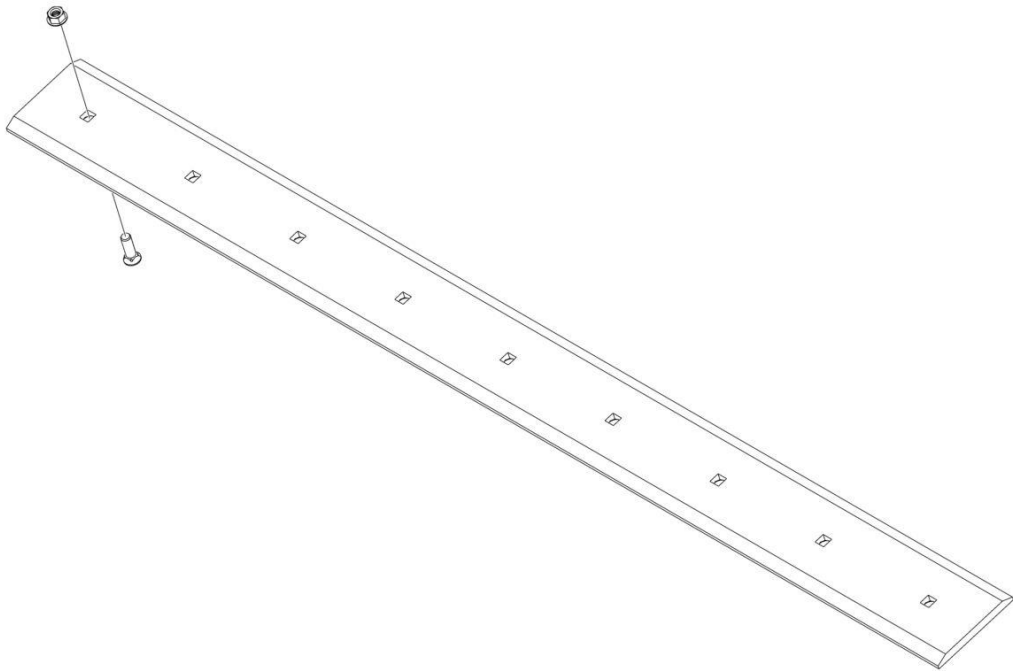
SECTION 3 - ATTACHMENTS

FIGURE 3-31. BUCKET (3M³/4YD³) (GENERAL PURPOSE - ANGULAR HEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001290122 N.S.S.	Ref 1	BUCKET Plate, Serial Number	B

SECTION 3 - ATTACHMENTS

FIGURE 3-32. BUCKET BOLT-ON EDGE (ONE PIECE)



ART_1001290442

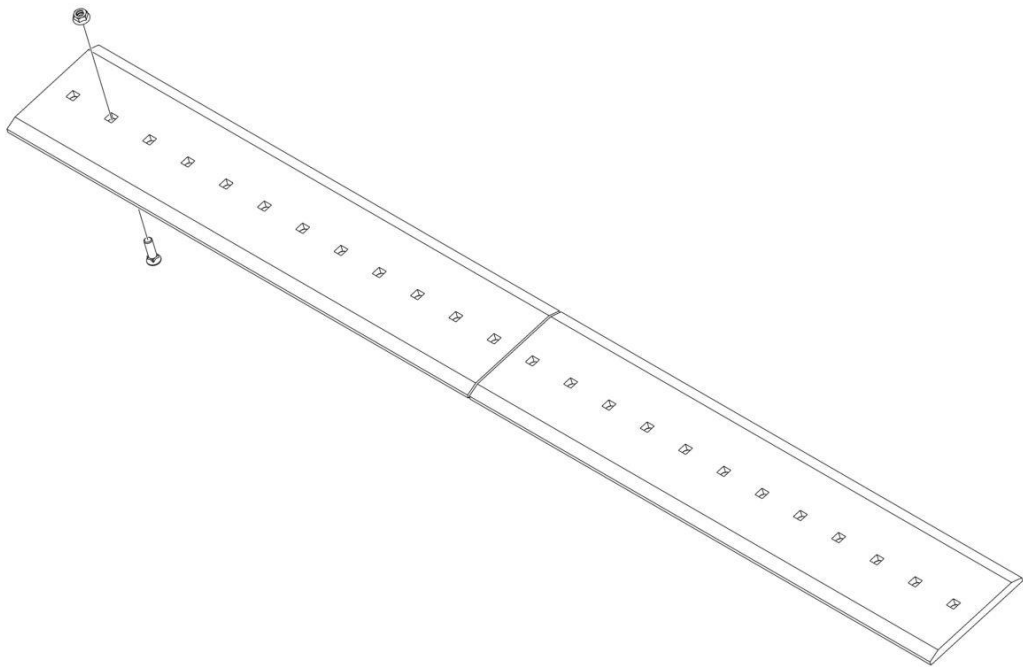
SECTION 3 - ATTACHMENTS

FIGURE 3-32. BUCKET BOLT-ON EDGE (ONE PIECE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290442	Ref	BOLT-ON EDGE	A
	See Note	Ref	Note: No Service Parts Available at Time of Printing.	

SECTION 3 - ATTACHMENTS

FIGURE 3-33. BUCKET BOLT-ON EDGE (TWO PIECE)



ART_1001290441

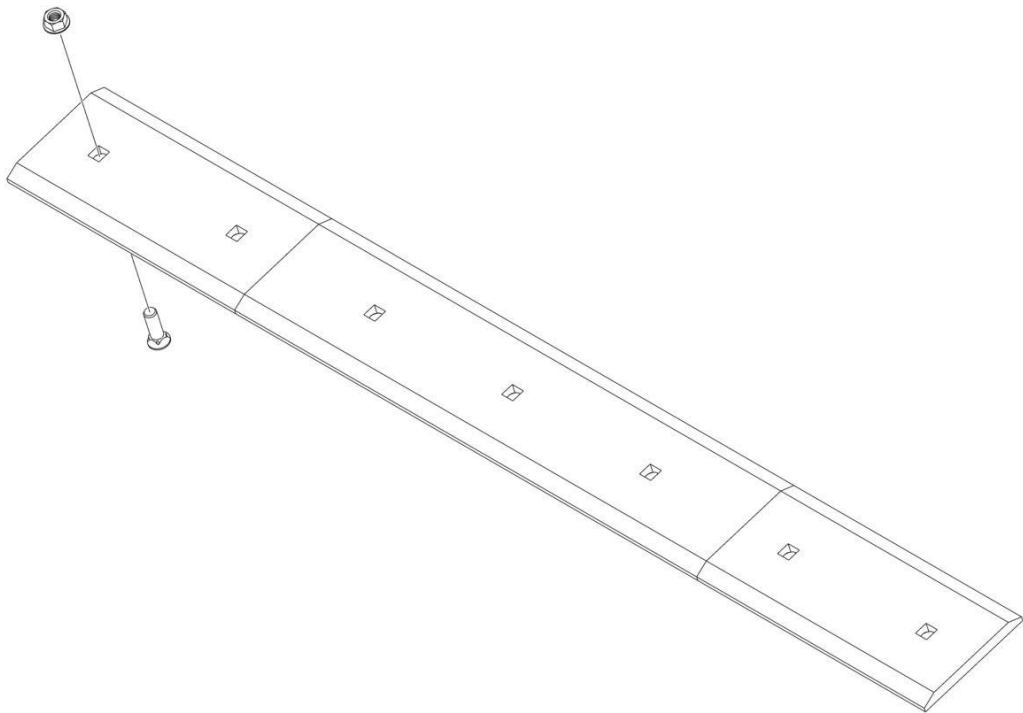
SECTION 3 - ATTACHMENTS

FIGURE 3-33. BUCKET BOLT-ON EDGE (TWO PIECE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290441	Ref	BOLT-ON EDGE	A
	See Note	Ref	Note: No Service Parts Available at Time of Printing.	

SECTION 3 - ATTACHMENTS

FIGURE 3-34. BUCKET BOLT-ON EDGE (THREE PIECE)



ART_1001290440

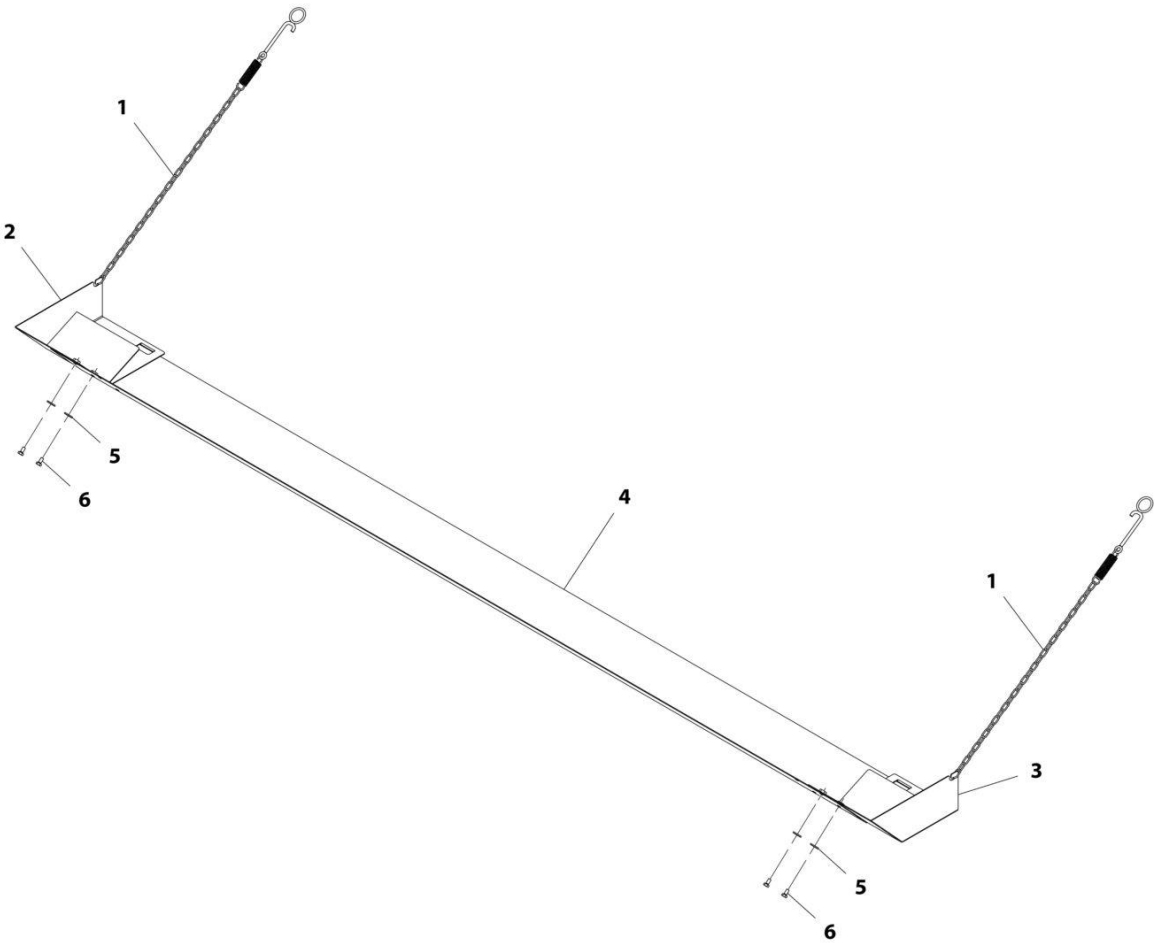
SECTION 3 - ATTACHMENTS

FIGURE 3-34. BUCKET BOLT-ON EDGE (THREE PIECE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290440	Ref	BOLT-ON EDGE	A
	See Note	Ref	Note: No Service Parts Available at Time of Printing.	

SECTION 3 - ATTACHMENTS

FIGURE 3-35. BUCKET FRONT GUARD



ART_1001004620-B

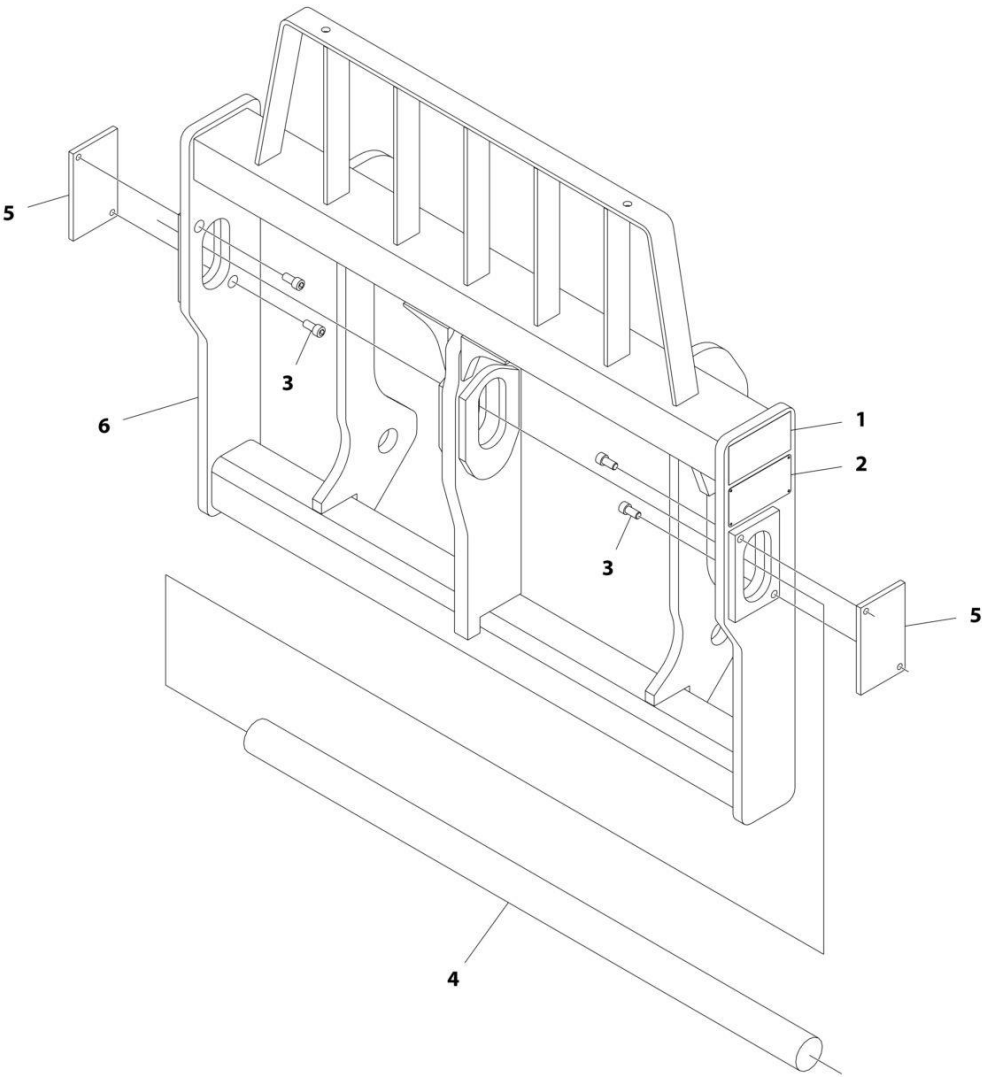
SECTION 3 - ATTACHMENTS

FIGURE 3-35. BUCKET FRONT GUARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001004620	1	Bucket Guard	B
1	1001003064	2	Assembly, Retainer	
2	1001004617	1	Plate	
3	1001004618	1	Plate	
4	1001004619	1	Plate	
5	1001008665	4	Washer	
6	1001009105	4	Bolt, M6X1	

SECTION 3 - ATTACHMENTS

FIGURE 3-36. CARRIAGE ASSEMBLY (1225MM)



ART_1001107581

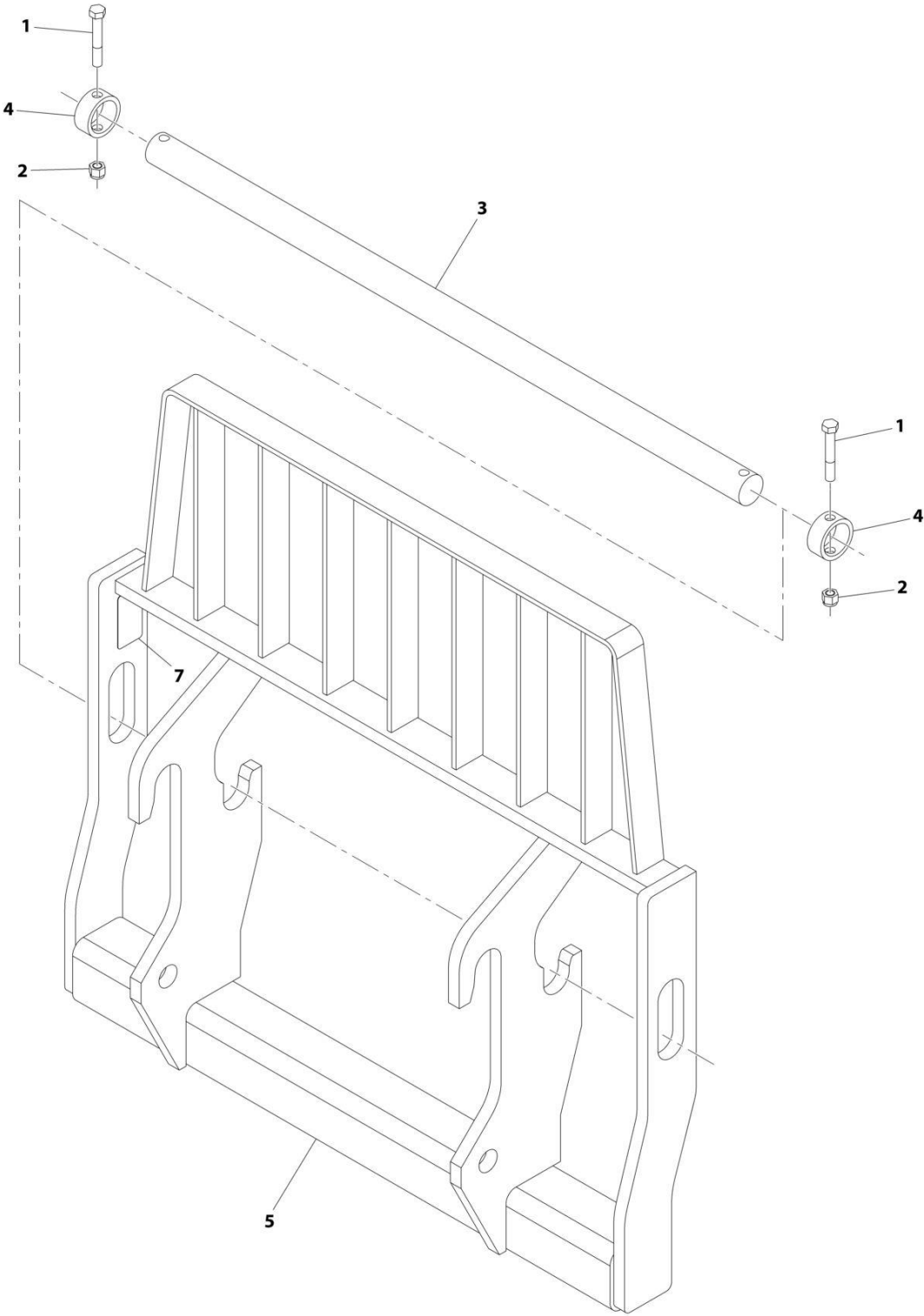
SECTION 3 - ATTACHMENTS

FIGURE 3-36. CARRIAGE ASSEMBLY (1225MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001107581	Ref	CARRIAGE ASSEMBLY (1225MM)	E
1	See Note	NSS	Name Plate, Carriage (Note: Not Available for Purchase)	
2	See Note	NSS	Plate, Serial Number (Note: Not Available for Purchase)	
3	4032109	4	Bolt M12 x 25	
4	1001107336	1	Shaft, Carriage	
5	1001107338	2	Cover, Shaft	
6	See Note	NSS	Carriage (Note: Purchase PN 1001107581)	

SECTION 3 - ATTACHMENTS

FIGURE 3-37. CARRIAGE ASSEMBLY (1270MM)



ART_1001104435-E

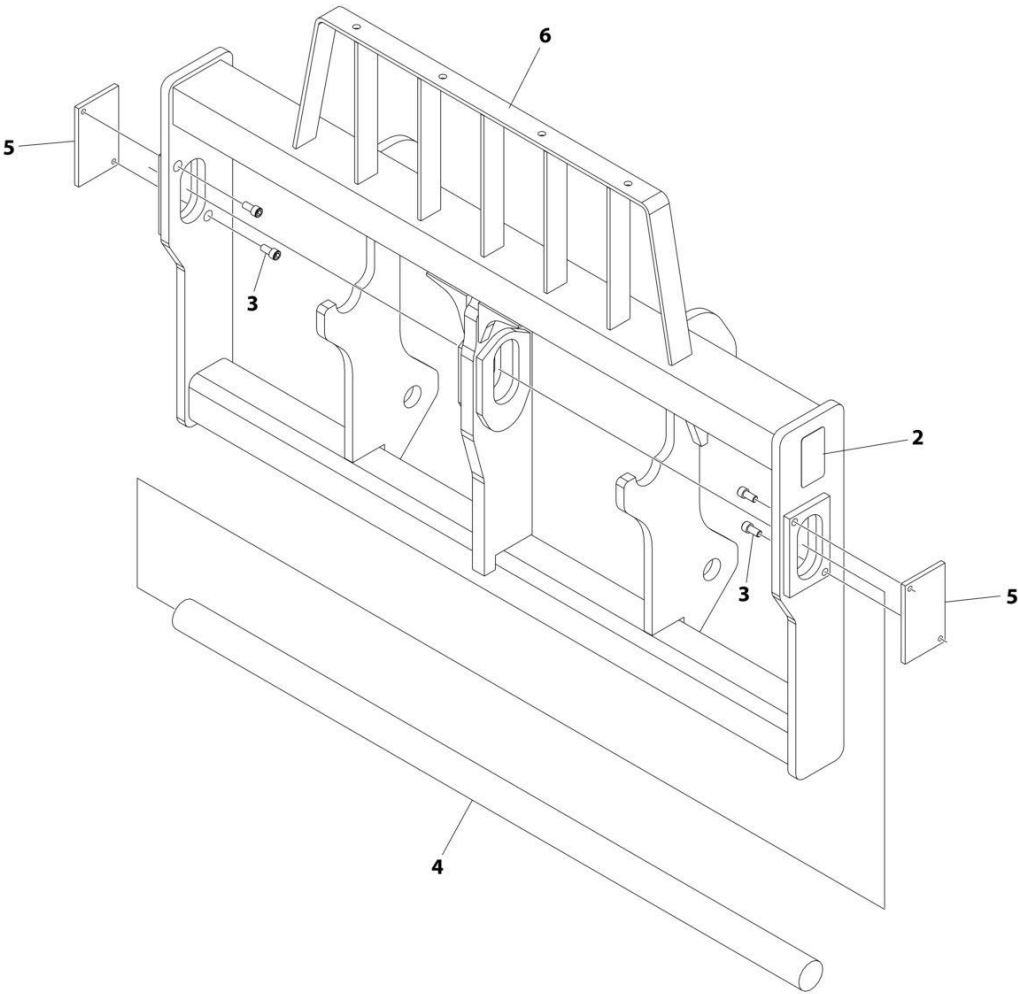
SECTION 3 - ATTACHMENTS

FIGURE 3-37. CARRIAGE ASSEMBLY (1270MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001104435	Ref	Carriage Assembly, (50Inch/1270mm)	H
1	0642032	2	Hex HD Capscrew, 5/8-11X4	
2	3300240	2	Locknut, 5/8-11	
3	3423275	1	Fork Pin	
4	90200003	2	Collar	
5	N.S.S.	1	Carriage Weldment	
7	N.S.S.	1	S/N Plate	

SECTION 3 - ATTACHMENTS

FIGURE 3-38. CARRIAGE ASSEMBLY (1524MM)



ART_1001259144

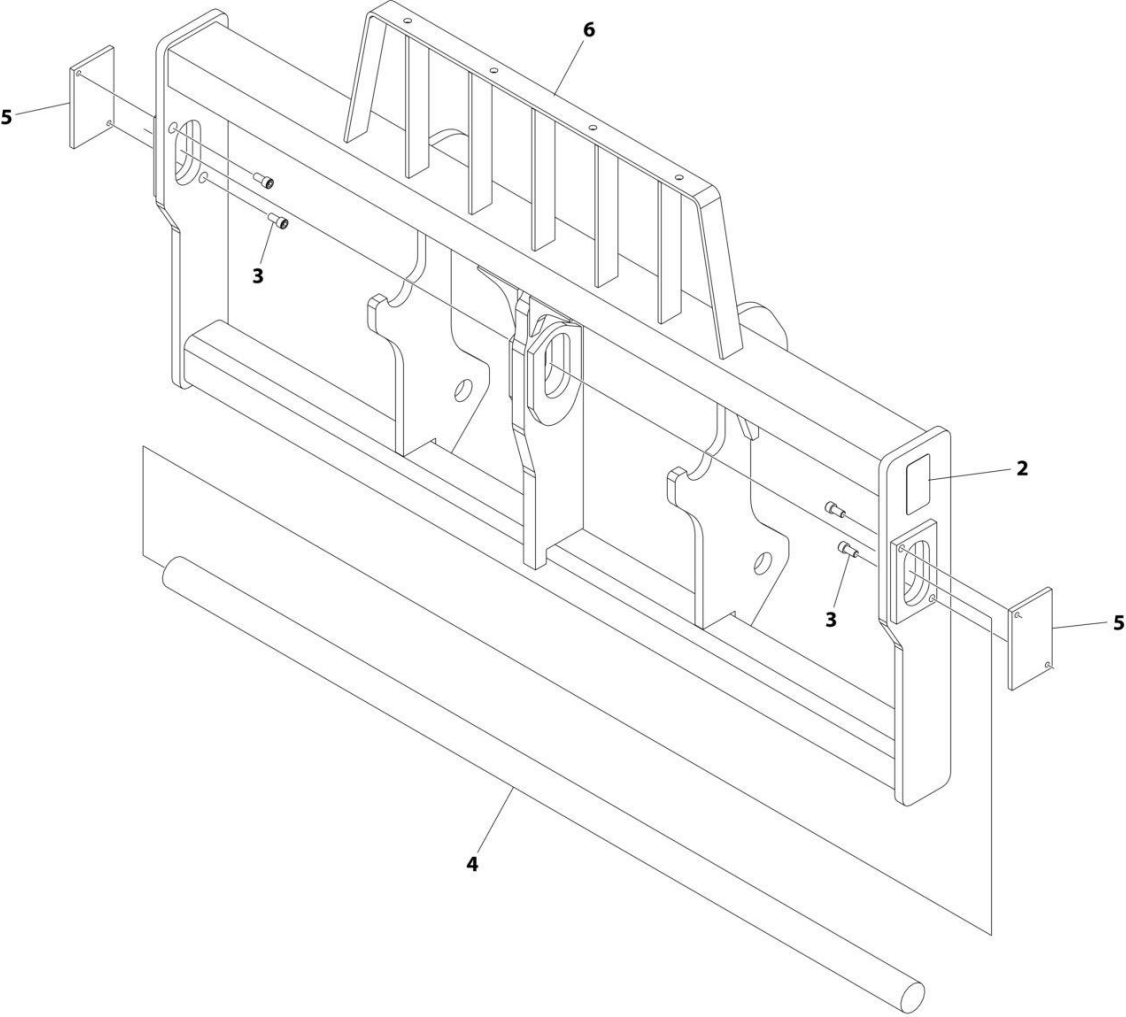
SECTION 3 - ATTACHMENTS

FIGURE 3-38. CARRIAGE ASSEMBLY (1524MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259144	Ref	CARRIAGE ASSEMBLY (1524MM)	C
1	See Note	NSS	Name Plate (Note: Not Available for Purchase)	
2	See Note	NSS	Plate, Serial Number (Note: Not Available for Purchase)	
3	70021504	4	Bolt M12X25	
4	70030283	1	Shaft, Carriage	
5	1001107338	2	Cover, Shaft	
6	See Note	NSS	Carriage (Use PN 1001259144)	

SECTION 3 - ATTACHMENTS

FIGURE 3-39. CARRIAGE ASSEMBLY (1829MM)



ART_1001259146

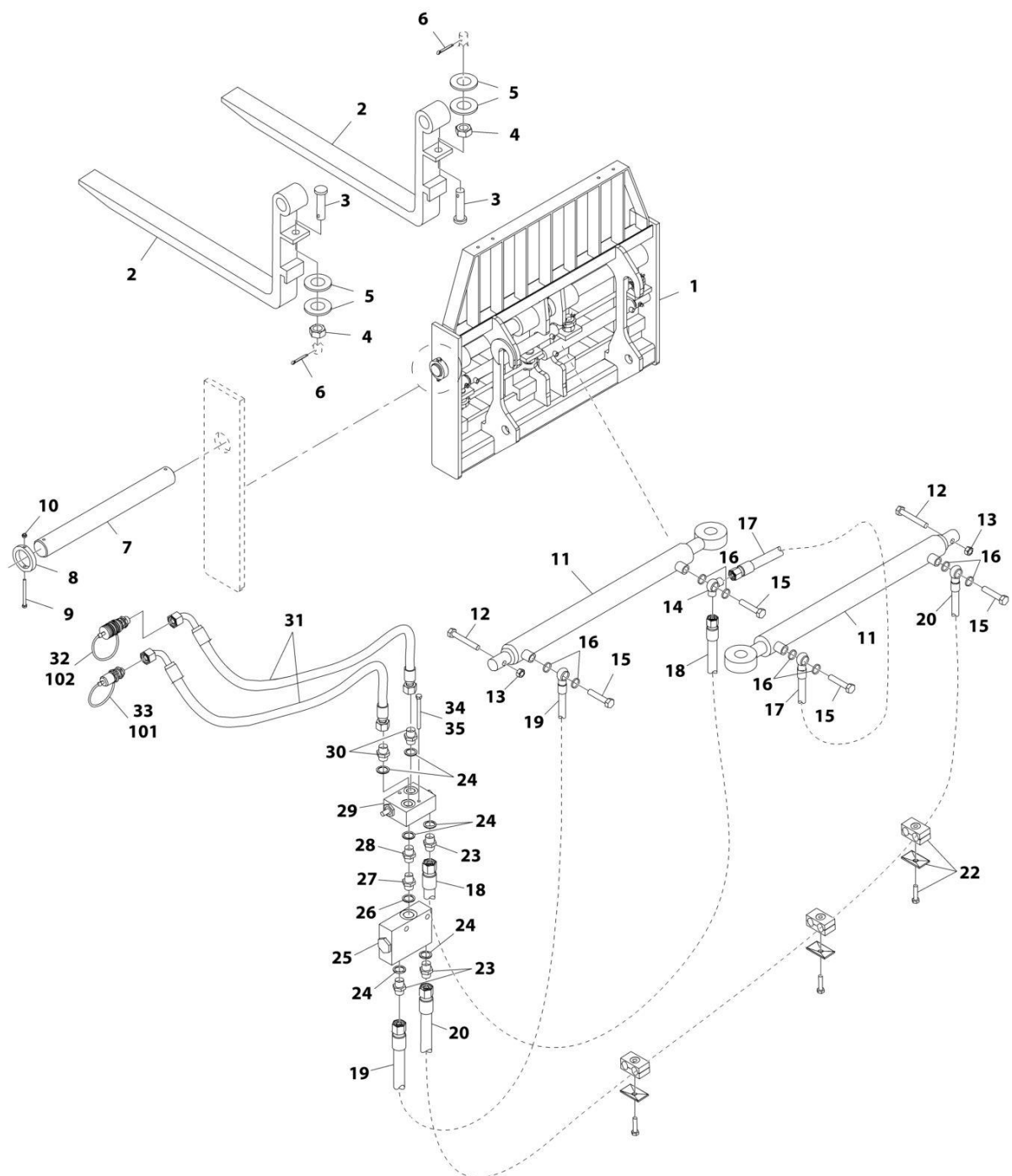
SECTION 3 - ATTACHMENTS

FIGURE 3-39. CARRIAGE ASSEMBLY (1829MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259146	Ref	CARRIAGE ASSEMBLY (1829MM)	C
1	See Note	NSS	Name Plate, Carriage (Note: Not Available for Purchase)	
2	See Note	NSS	Plate, Serial Number (Note: Not Available for Purchase)	
3	70021504	4	Bolt M12X25	
4	70030282	1	Shaft	
5	1001107338	2	Cover, Shaft	
6	See Note	NSS	Carriage (Note: Use PN 1001259146)	

SECTION 3 - ATTACHMENTS

FIGURE 3-40. CARRIAGE ASSEMBLY - FORK POSITIONING (4.0 TON - 1225 MM)



ART_1001091313-C

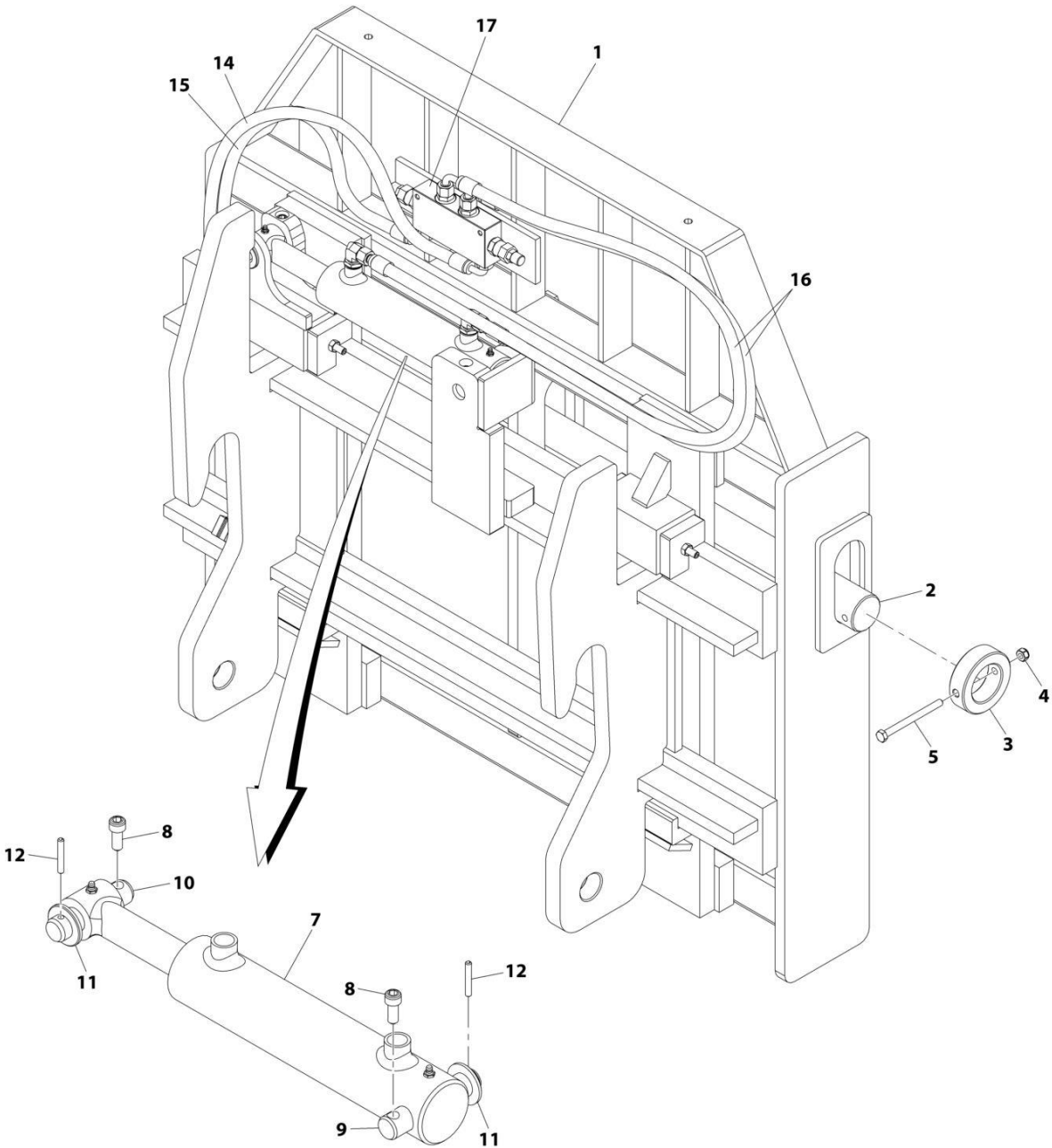
SECTION 3 - ATTACHMENTS

FIGURE 3-40. CARRIAGE ASSEMBLY - FORK POSITIONING (4.0 TON - 1225 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091313	Ref	Fork Positioning Carriage with Forks (4.0 ton)	D
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)	
13	70028031	2	Locknut	
12	70028028	2	Bolt	
14	70022925	1	Elbow, 90	
15	1001103530	4	Bolt	
16	70020730	8	O-Ring	
17	70021838	1	Hose	
18	70021839	1	Hose	
19	70021840	1	Hose	
20	70021841	1	Hose	
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	
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	

SECTION 3 - ATTACHMENTS

FIGURE 3-41. CARRIAGE ASSEMBLY - SIDE SHIFT (4.0 TON - 1225 MM)



ART_1170002-L

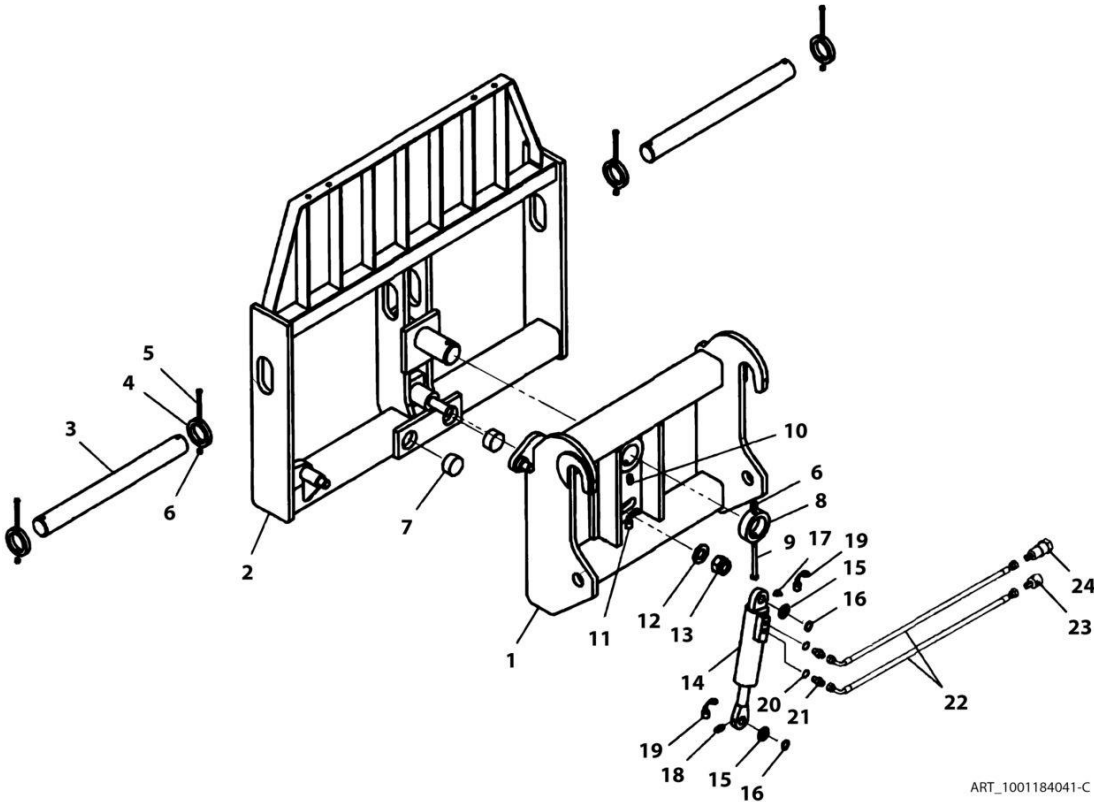
SECTION 3 - ATTACHMENTS

FIGURE 3-41. CARRIAGE ASSEMBLY - SIDE SHIFT (4.0 TON - 1225 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170002	Ref	Side Shift Carriage (4.0 ton - 1255 MM)	L
1	N.S.S.	1	Carriage, Side Shift	
2	7028136	1	Bar, Fork Carrier	
3	7028137	2	Collar	
4	3291005	2	Nut, Lock M10X1.5	
5	0701029	2	Bolt, M10X120	
7	70021558	1	Cylinder	
8	70021559	2	Bolt	
9	70021560	1	Pin	
10	70021561	1	Pin	
11	70021562	2	Washer	
12	70021563	2	Pin	
13	N.S.S.	1	Plate, Serial Number, (not shown)	
14	70029011	3	Hose	
15	70029012	1	Hose	
16	70029013	2	Hose	
17	70027291	1	Balancing Valve	

SECTION 3 - ATTACHMENTS

FIGURE 3-42. CARRIAGE ASSEMBLY - SIDE TILTING (4.5 TON - 1225 MM)



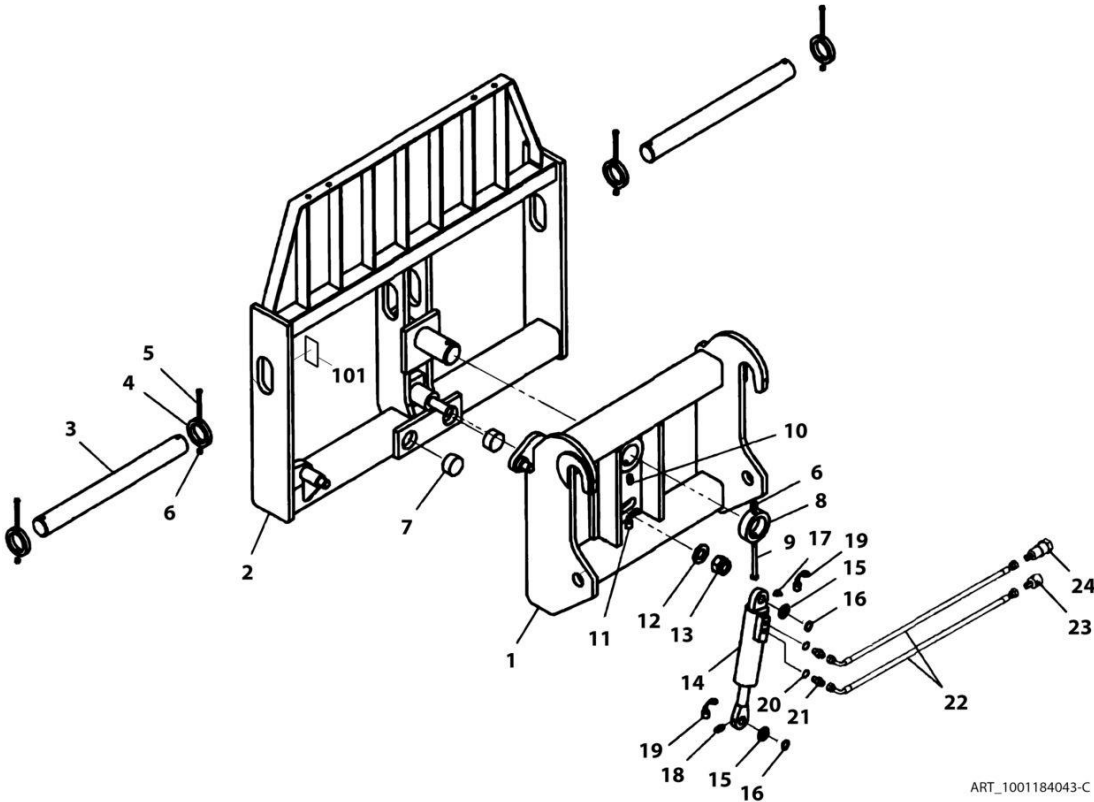
SECTION 3 - ATTACHMENTS

FIGURE 3-42. CARRIAGE ASSEMBLY - SIDE TILTING (4.5 TON - 1225 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184041	1	Side Tilting Carriage (4.5 ton - 1225 MM)	E
1	N.S.S.	1	Carriage Weldment	
2	70027604	1	Fork, Carriage	
3	70027605	2	Pin	
4	70027606	4	Pin, Block	
5	70027607	4	Bolt	
6	70021241	5	Nut, Lock M12	
7	70021238	2	Buffer	
8	70021239	1	Collar	
9	70021240	1	Bolt	
10	70021242	1	Fitting, Grease	
11	70021243	1	Cover, Grease Fitting	
12	70021244	1	Washer	
13	70022697	1	Nut, Lock	
14	70020506	1	Cylinder	
15	70020507	1	Washer	
16	70020508	2	Ring, Snap	
17	70021245	1	Fitting, Grease	
18	70021246	1	Fitting, Grease	
19	70021247	2	Cover, Grease Fitting	
20	70020730	2	O-Ring	
21	70020731	2	Fitting	
22	70021248	2	Tube, Hydraulic	
23	1001094556	1	Coupling, Male Quick Disconnect	
24	1001094555	1	Coupling, Female Quick Disconnect	

SECTION 3 - ATTACHMENTS

FIGURE 3-43. CARRIAGE ASSEMBLY - SIDE TILTING (4.0 TON - 1575 MM)



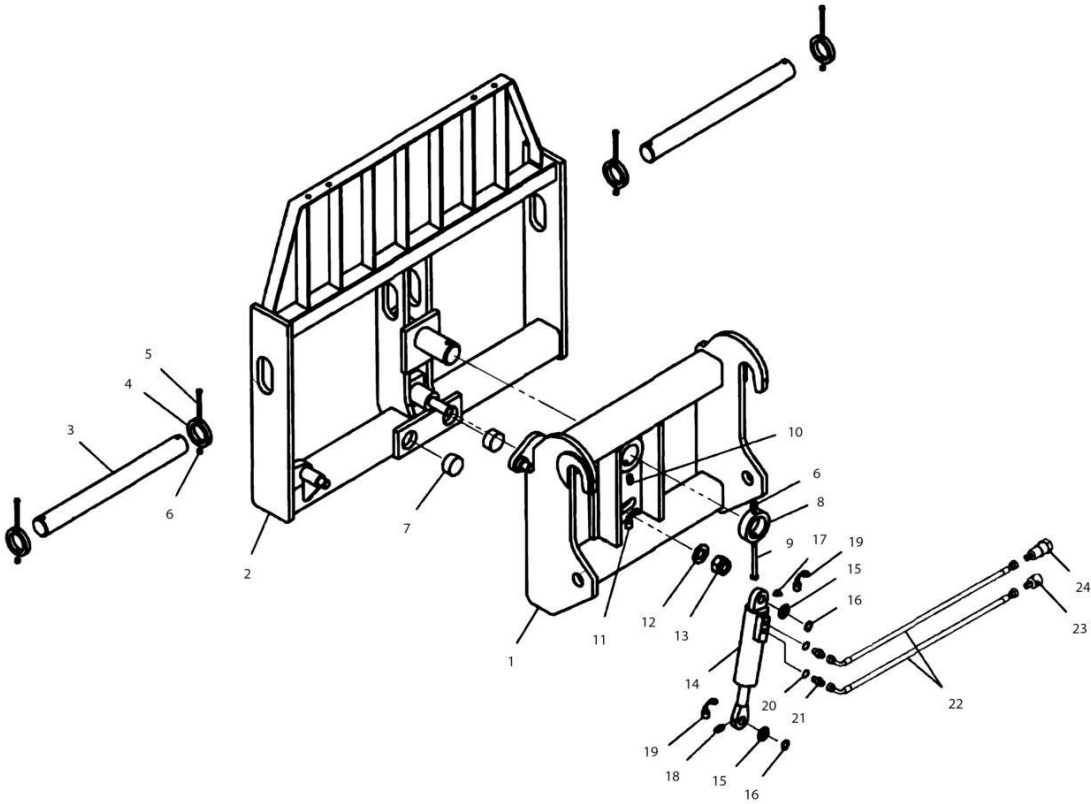
SECTION 3 - ATTACHMENTS

FIGURE 3-43. CARRIAGE ASSEMBLY - SIDE TILTING (4.0 TON - 1575 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184043	1	Side Tilting Carriage (4.0 ton - 1575 MM)	E
1	N.S.S.	Ref	Weldment, Carriage	
2	70027604	1	Fork, Carriage	
3	70027605	2	Pin	
4	70027606	4	Pin, Block	
5	70027607	4	Bolt	
6	70021241	5	Locknut, M12	
7	70021238	2	Buffer	
8	70021239	1	Collar	
9	70021240	1	Bolt	
10	70021242	1	Fitting, Grease	
11	70021243	1	Cover, Grease Fitting	
12	70021244	1	Washer	
13	70022697	1	Bolt	
14	70020506	1	Cylinder	
15	70020507	1	Washer	
16	70020508	2	Ring, Snap	
17	70021245	1	Fitting, Grease	
18	70021246	1	Fitting, Grease	
19	70021247	2	Cover, Grease Fitting	
20	70020730	2	O-Ring	
21	70020731	2	Fitting, Straight	
22	70021248	2	Tube	
23	1001094556	1	Coupling, Male Quick Disconnect	
24	1001094555	1	Coupling, Female Quick Disconnect	
101	N.S.S.	Ref	Plate, Serial Number	

SECTION 3 - ATTACHMENTS

FIGURE 3-44. CARRIAGE ASSEMBLY - SID TILTING (4.0 TON - 1829 MM)



ART_1001184045-B

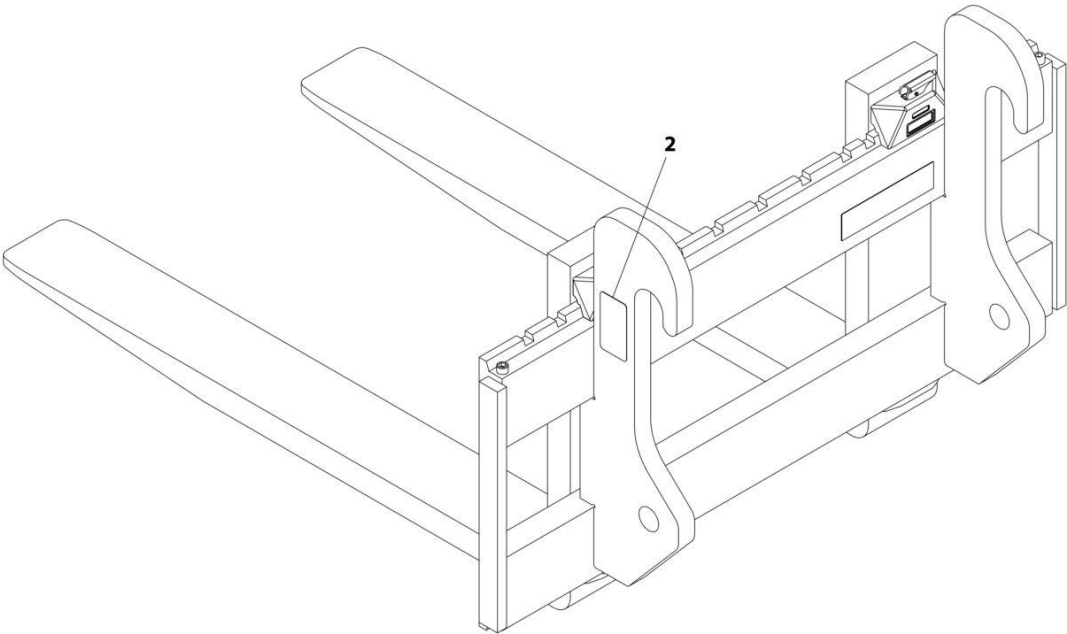
SECTION 3 - ATTACHMENTS

FIGURE 3-44. CARRIAGE ASSEMBLY - SID TILTING (4.0 TON - 1829 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184045	1	Side Tilting Carriage (4.0 ton - 1829 MM)	E
1	N.S.S.	1	Weldment	
2	N.S.S.	1	Weldment, Carriage	
3	70027658	2	Shaft, Fork	
4	70027606	4	Pin, Block	
5	70027607	4	Bolt	
6	70021241	5	Nut, Lock M12	
7	70021238	2	Buffer	
8	70021239	1	Collar	
9	70021240	1	Bolt	
10	70021242	1	Fitting, Grease	
11	70021243	1	Cover	
12	70021244	1	Washer	
13	70022697	1	Nut, Lock	
14	70020506	1	Cylinder	
15	70020507	2	Washer	
16	70020508	2	Ring	
17	70021245	1	Fitting, Grease	
18	70021246	1	Fitting, Grease	
19	70021247	2	Cover	
20	70020730	2	O-Ring	
21	70020731	2	Link	
22	70027608	2	Pipe, Flexible	
23	1001094556	1	Coupling, Male Quick Disconnect	
24	1001094555	1	Coupling, Female Quick Disconnect	

SECTION 3 - ATTACHMENTS

FIGURE 3-45. CARRIAGE ASSEMBLY - FEM CARRIAGE AND FORKS



ART_1001265218

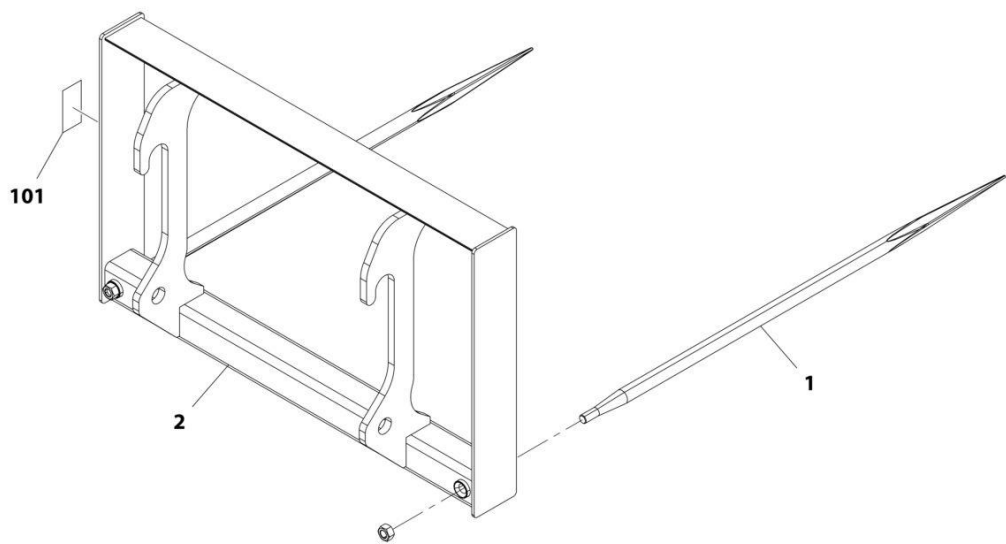
SECTION 3 - ATTACHMENTS

FIGURE 3-45. CARRIAGE ASSEMBLY - FEM CARRIAGE AND FORKS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001265218 N.S.S.	Ref 1	FEM CARRIAGE AND FORKS Plate, Serial Number	A

SECTION 3 - ATTACHMENTS

FIGURE 3-46. FORK - BAILING CARRIAGE (DUAL TINE)



ART_1001211897-B

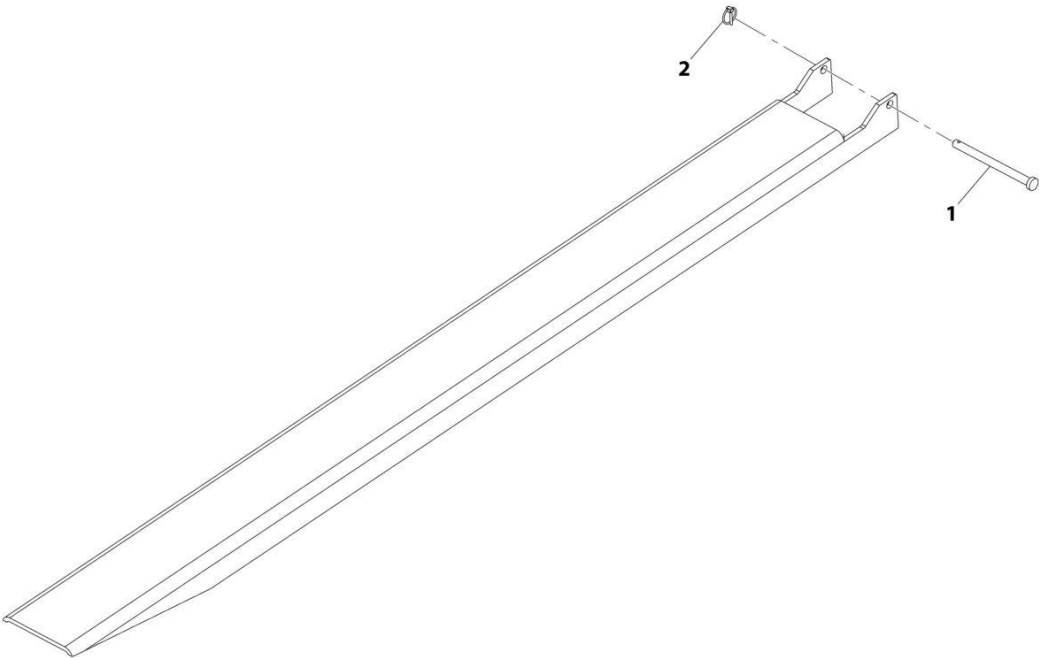
SECTION 3 - ATTACHMENTS

FIGURE 3-46. FORK - BAILING CARRIAGE (DUAL TINE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211897	1	Dual Tine Bailing Fork Carriage	B
1	70027631	2	Tine, Bale (includes Hex Nut)	
2	N.S.S.	Ref	Weldment, Carriage	
101	N.S.S.	Ref	Plate, Serial Number	

SECTION 3 - ATTACHMENTS

FIGURE 3-47. FORK - EXTENSIONS (62X163X2286) (ANSI)



ART_1001137512-D

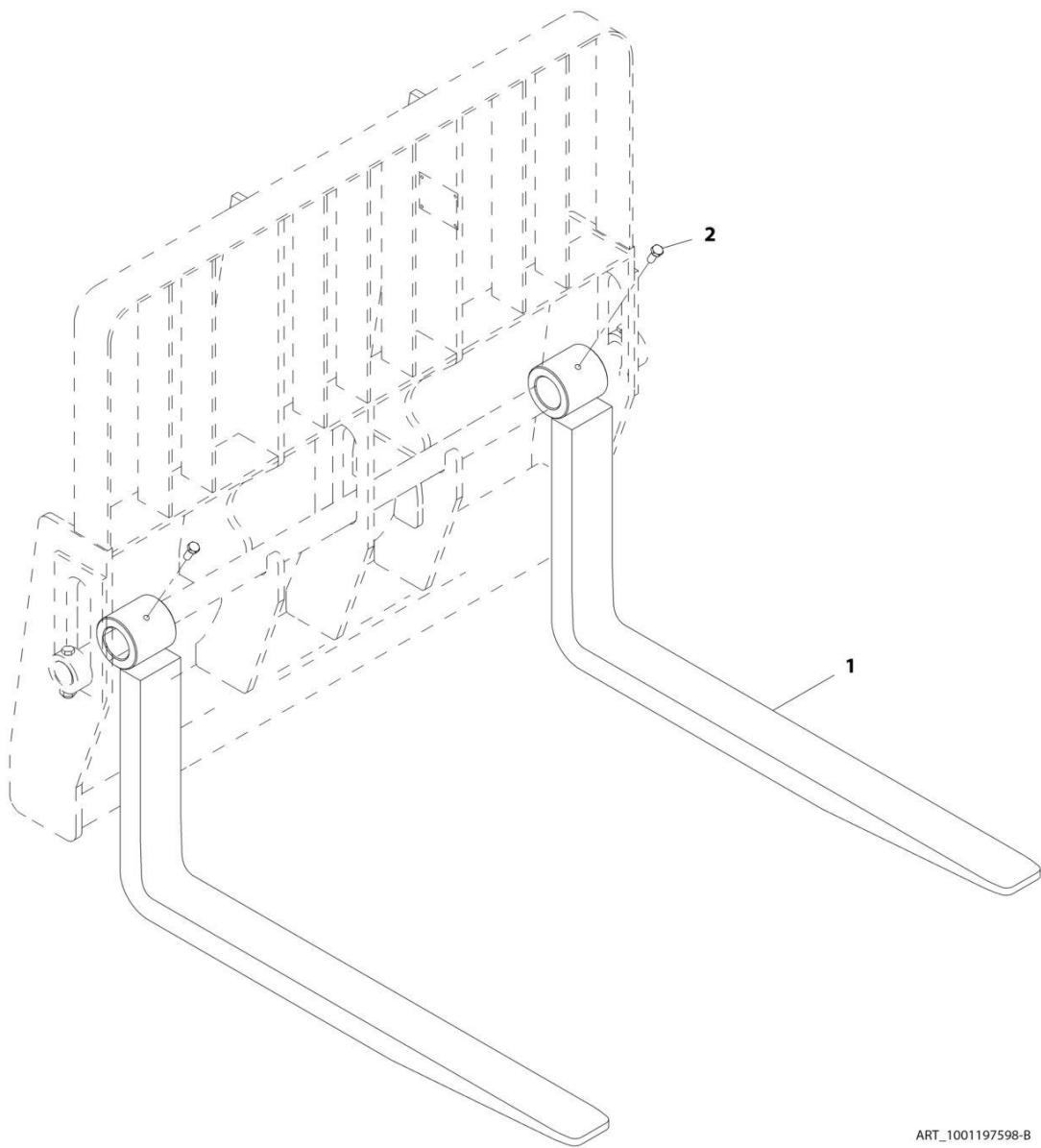
SECTION 3 - ATTACHMENTS

FIGURE 3-47. FORK - EXTENSIONS (62X163X2286) (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137512	2 pr	Fork Extensions (62X163X2286)	D
1	70024306	1	Pin	
2	70024307	1	Clip	

SECTION 3 - ATTACHMENTS

FIGURE 3-48. FORK - LUMBER (45X150X1540)



ART_1001197598-B

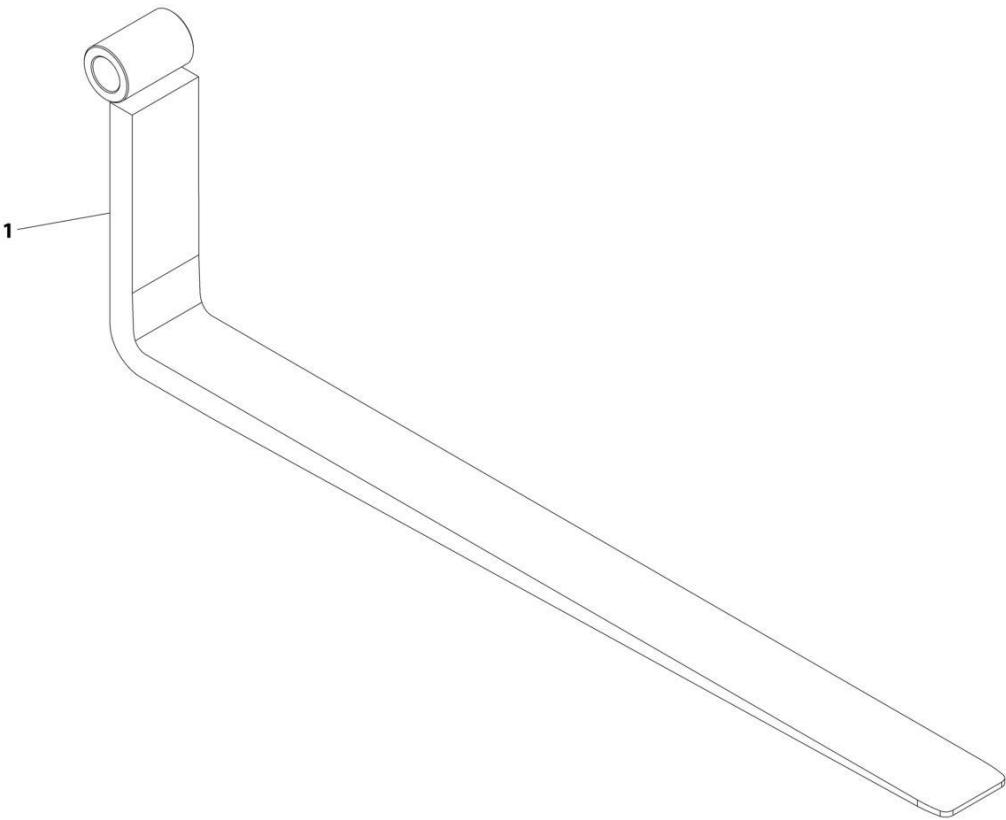
SECTION 3 - ATTACHMENTS

FIGURE 3-48. FORK - LUMBER (45X150X1540)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001197598	2	Lumber Fork (45X150X1540)	B
2	70027180	2	Screw, M16X30	
	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.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

SECTION 3 - ATTACHMENTS

FIGURE 3-49. FORK - LUMBER (50X150X1830)



ART_1001257317-B

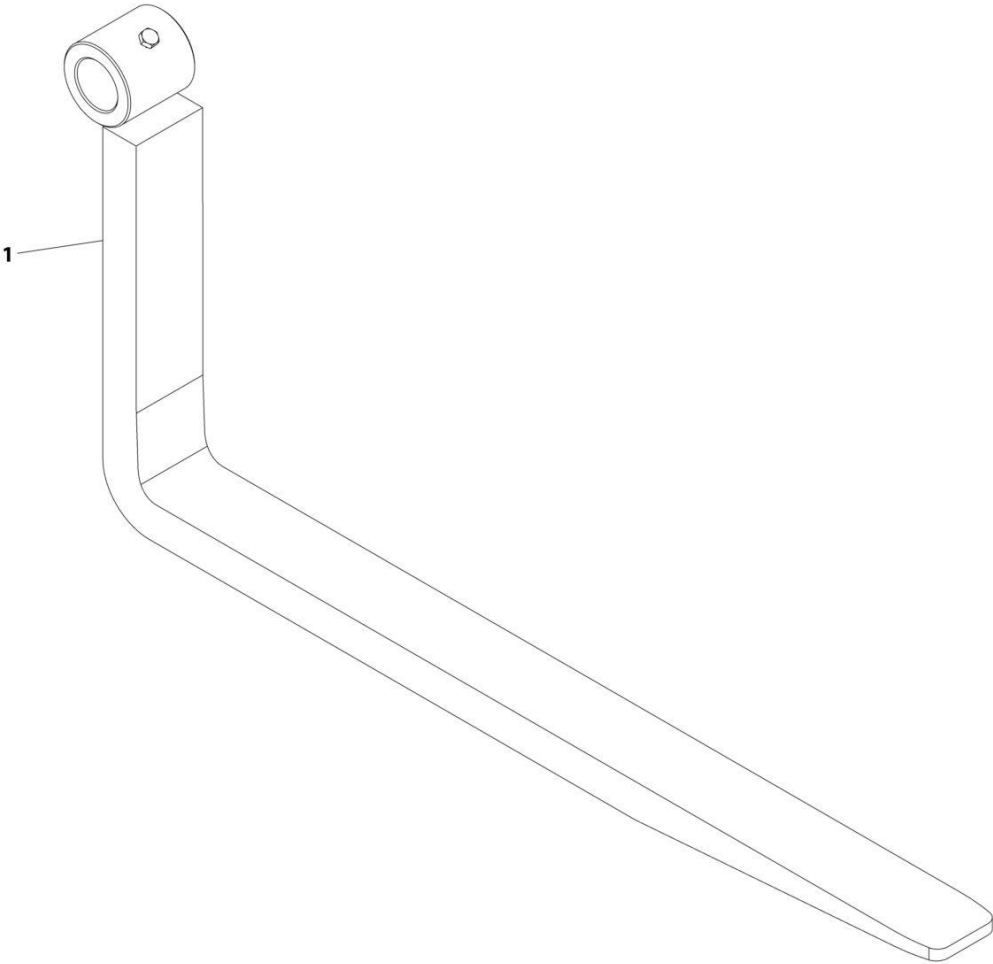
SECTION 3 - ATTACHMENTS

FIGURE 3-49. FORK - LUMBER (50X150X1830)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001257317	2	Lumber Fork (50X150X1830)	B
	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.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

SECTION 3 - ATTACHMENTS

FIGURE 3-50. FORK - PALLET (50X100X1200)



ART_1001257263-B

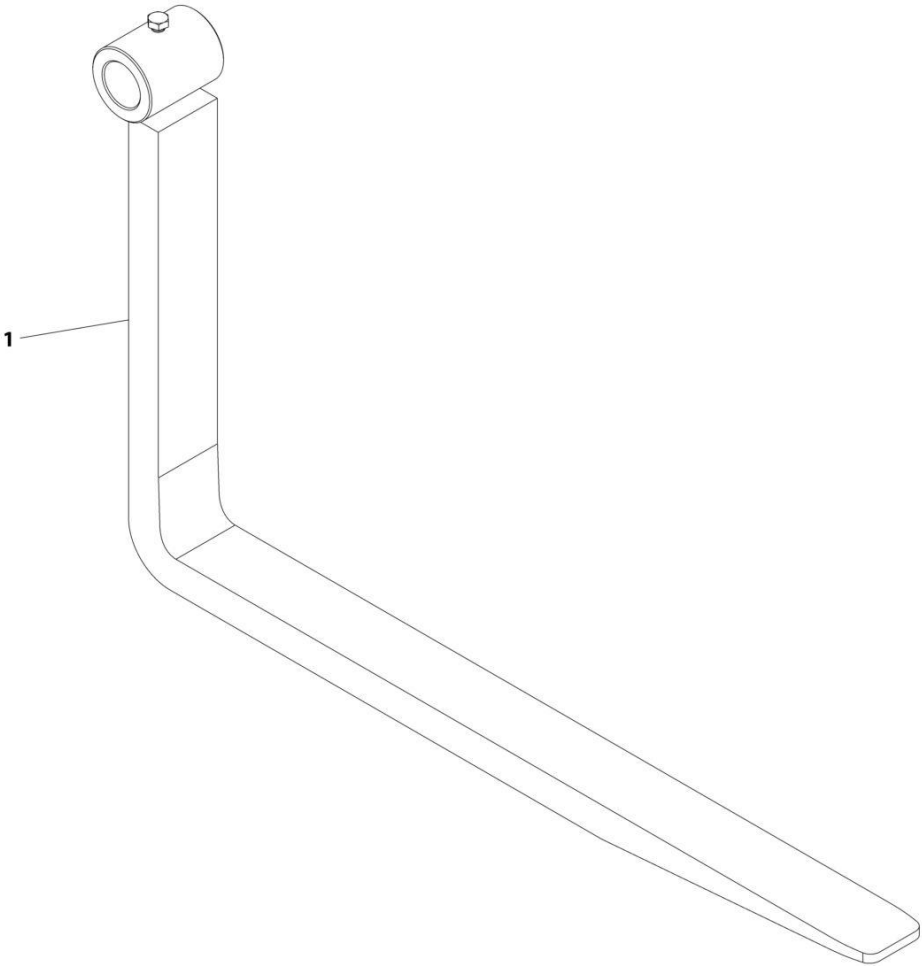
SECTION 3 - ATTACHMENTS

FIGURE 3-50. FORK - PALLET (50X100X1200)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001257263	1 pr	Pallet Fork (50X100X1200)	B
	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.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

SECTION 3 - ATTACHMENTS

FIGURE 3-51. FORK - PALLET (50X100X1200) (WITH SIDE SHIFT CARRIAGE)



ART_1001257265-B

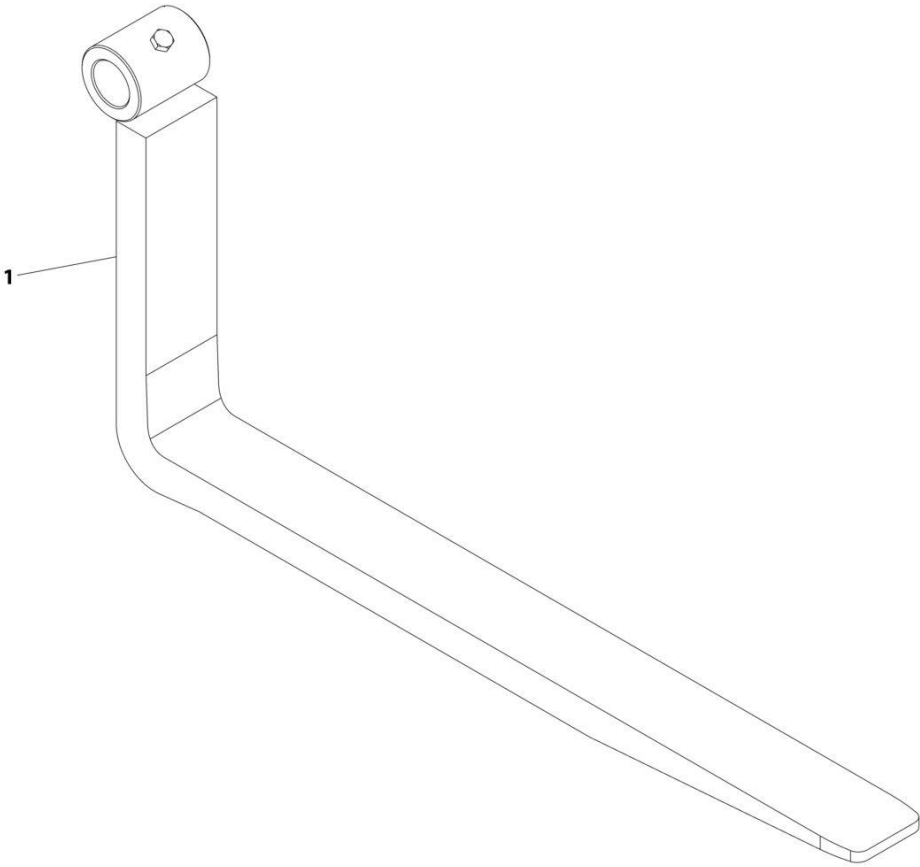
SECTION 3 - ATTACHMENTS

FIGURE 3-51. FORK - PALLET (50X100X1200) (WITH SIDE SHIFT CARRIAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001257265	2 pr	Pallet Fork (50X100X1200)	B
	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.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

SECTION 3 - ATTACHMENTS

FIGURE 3-52. FORK - PALLET (50X120X1200)



ART_1001257327-B

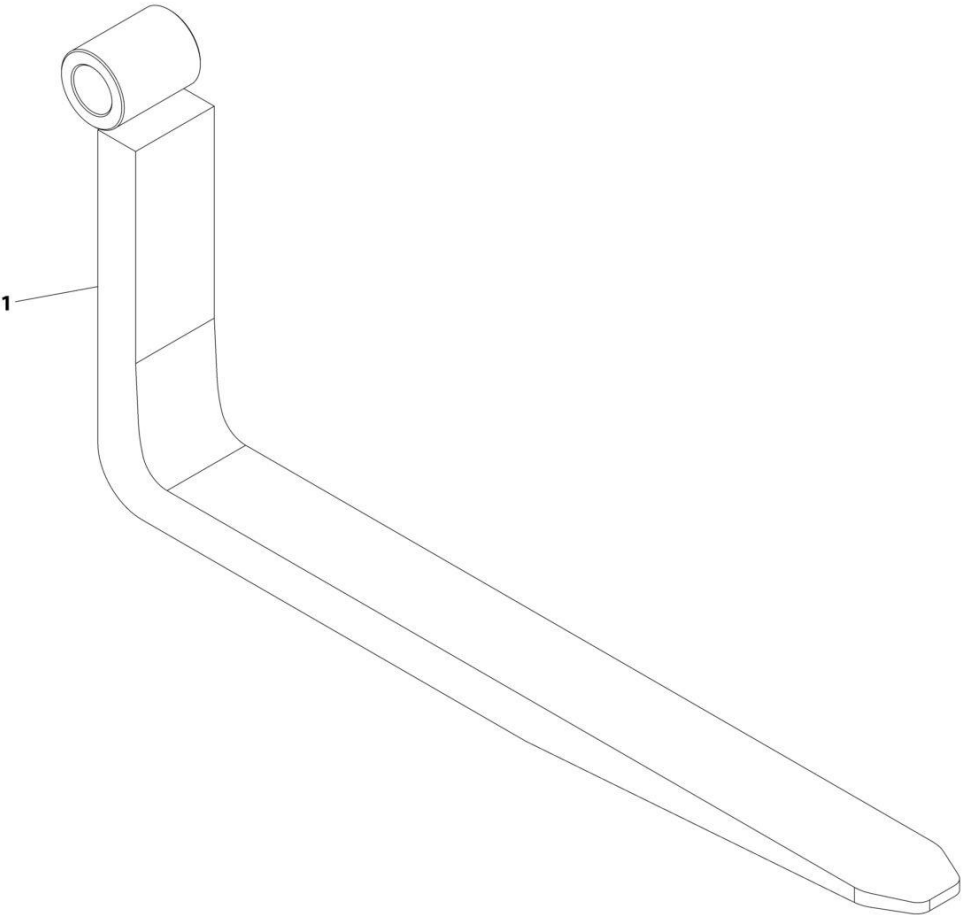
SECTION 3 - ATTACHMENTS

FIGURE 3-52. FORK - PALLET (50X120X1200)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257327	1	Fork-Pallet (50X120X1200)	B
	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.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

SECTION 3 - ATTACHMENTS

FIGURE 3-53. FORK - PALLET (60X125X1220)



ART_1001257318-B

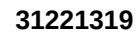
SECTION 3 - ATTACHMENTS

FIGURE 3-53. FORK - PALLET (60X125X1220)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257318	1 pr	Pallet Fork (60X125X1220)	B
	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.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

222

823



ART_1001216003-B

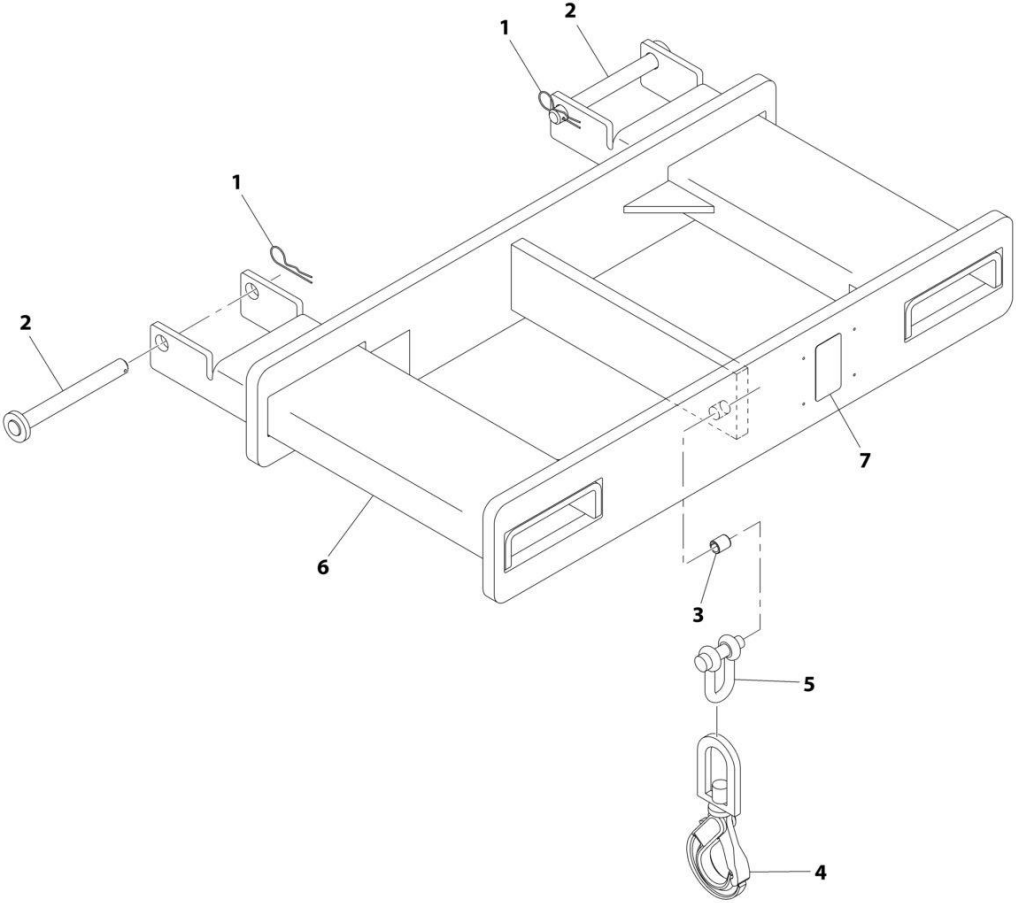
SECTION 3 - ATTACHMENTS

FIGURE 3-54. FORK - MUCK WITH GRAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216003	1	Muck Fork and Grab (2450MM)	D
1	70027302	12	Right Electro-Forged Fingers	
2	70027324	11	Curved Electro-Forged Fingers	
3	70027293	2	Pin	
4	70027294	4	Pin	
5	70027298	2	Roll Pin	
6	70027296	6	Nut	
7	70027297	6	Screw	
8	7028127	2	Cylinder	
9	70027295	2	Hose (not shown)	
10	70028436	2	Hose (not shown)	
11	7028131	10	Ring	
12	7028918	6	Grease Nipple	
101	N.S.S.	1	Plate, Serial Number	

SECTION 3 - ATTACHMENTS

FIGURE 3-55. HOOK - CRANE (FORK MOUNTED)



ART_1001097205-I

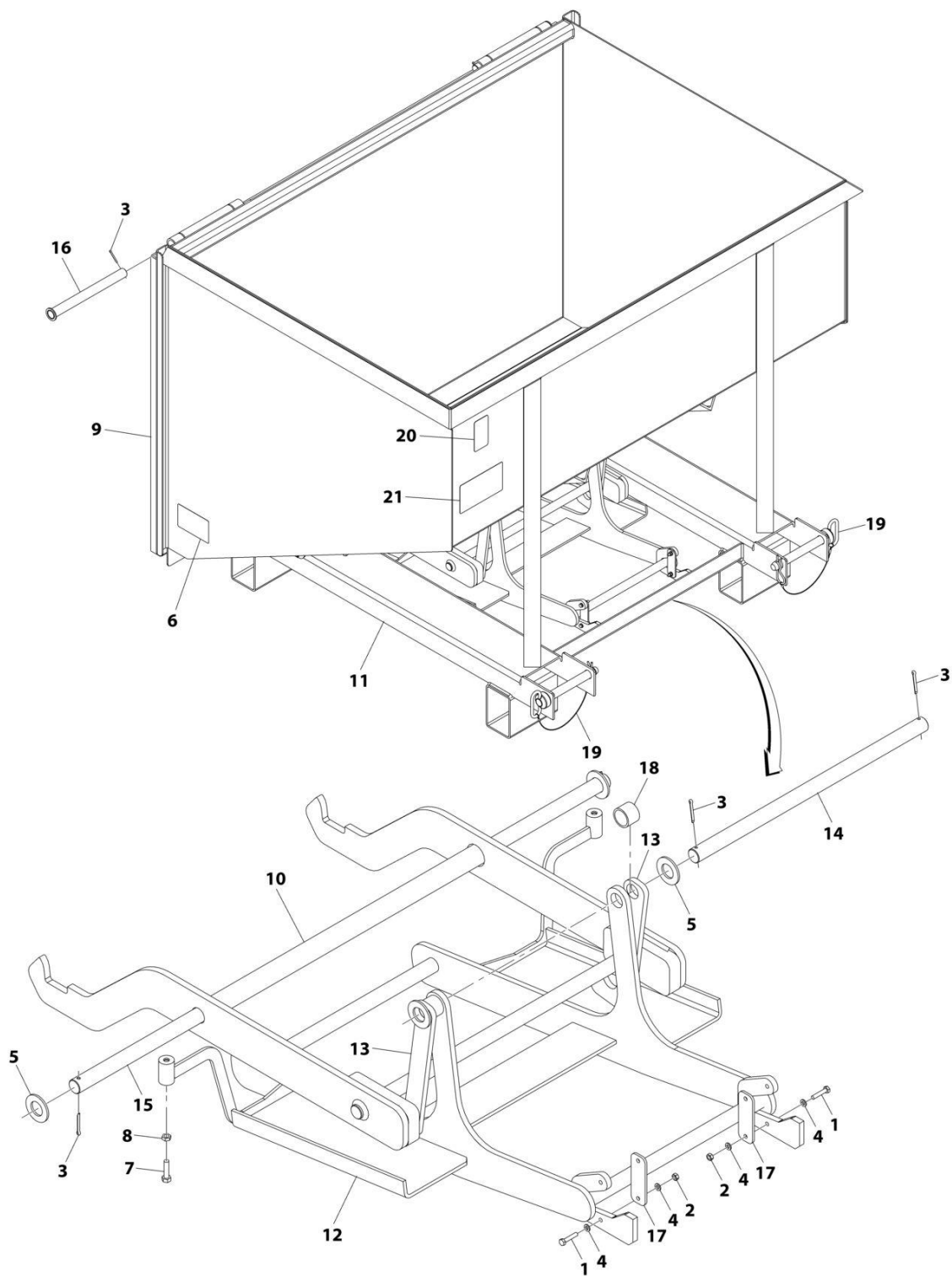
SECTION 3 - ATTACHMENTS

FIGURE 3-55. HOOK - CRANE (FORK MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001097205	Ref	Fork Mounted Hook (4 Ton)	J
1	7029520	2	Pin, Cotter	
2	1001093171	2	Pin	
3	70020555	1	Bushing	
4	90554080	1	Hook	
5	7029521	1	Shackle	
6	See Note	NSS	Frame, Hook (Note: Purchase Complete Assembly)	
7	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	

SECTION 3 - ATTACHMENTS

FIGURE 3-56. HOPPER - TRASH



ART_1001238566-B

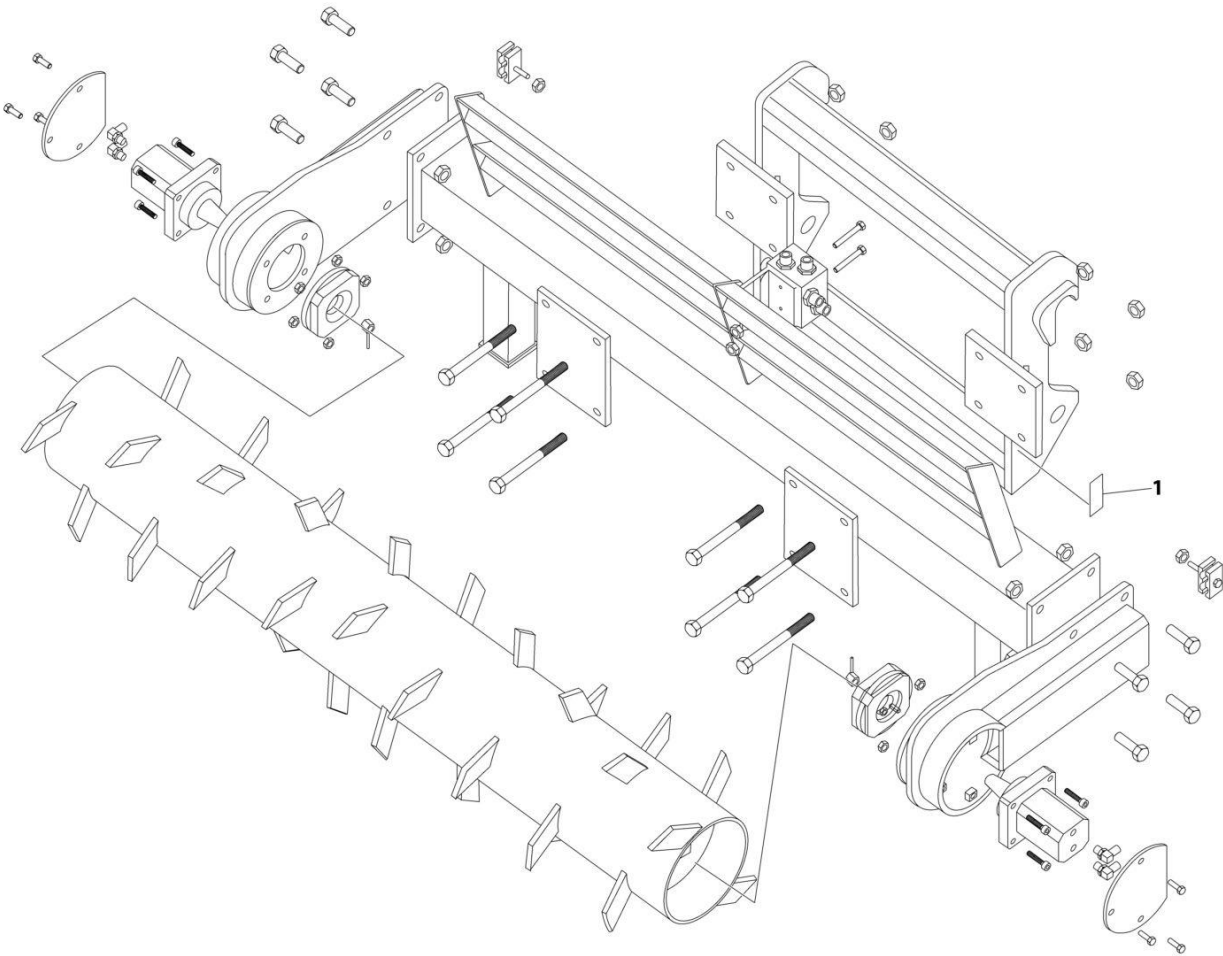
SECTION 3 - ATTACHMENTS

FIGURE 3-56. HOPPER - TRASH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238566	Ref	FORK MOUNTED TRASH HOPPER	C
1	0700614	4	Bolt M6 x 30	
2	3290601	4	Nut M6 x 1	
3	3391410	6	Pin	
4	4811700	8	Washer M6	
5	5242400	4	Washer M24	
6	1706302	2	Decal, Pinch Point	
7	0641510	2	Bolt 5/16 x 1-1/4	
8	3311502	2	Nut 5/16	
9	1001192711	1	Door Assembly	
10	1001192720	1	Hook Assembly	
11	See Note	NSS	Hopper, Trash (Note: Purchase Complete Assembly)	
12	1001192875	1	Tray Assembly	
13	1001192876	2	Arm, Swing	
14	1001192877	1	Rod, Swing	
15	1001238570	1	Bar	
16	1001193540	2	Pin	
17	1001193729	2	Plate	
18	1001198355	2	Spacer	
19	1001238560	2	Pin	
20	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	
21	1001203503	1	Decal, Trash Hopper Operation	

SECTION 3 - ATTACHMENTS

FIGURE 3-57. SILAGE DEFACER



ART_1001275274

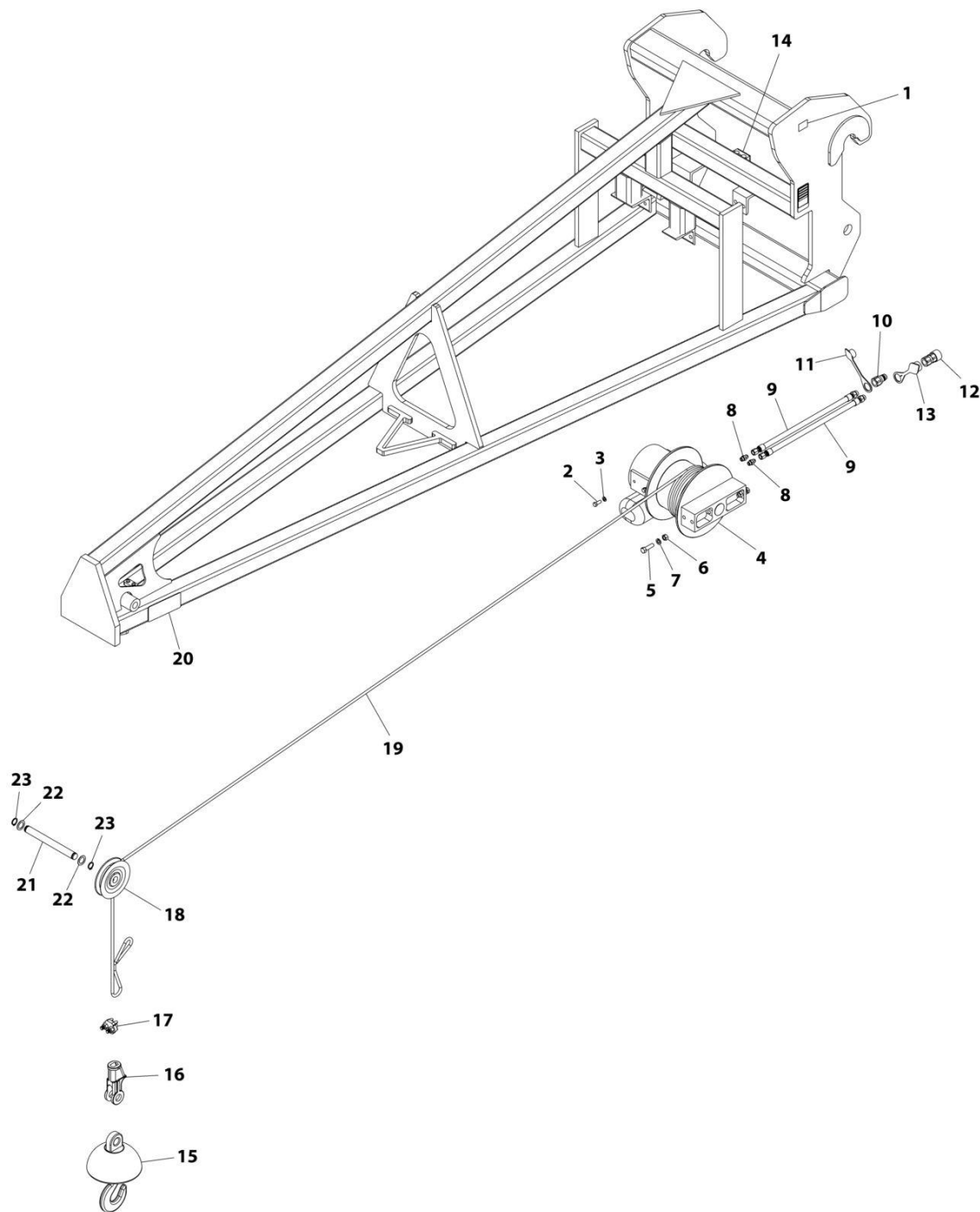
SECTION 3 - ATTACHMENTS

FIGURE 3-57. SILAGE DEFACER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001275274	Ref	SILAGE DEFACER	A
	See Note	Ref	Note: No other Service Parts Available at Time of Printing	
	N.S.S.	1	Plate, Serial Number (Not Available for Purchase)	

SECTION 3 - ATTACHMENTS

FIGURE 3-58. TRUSS BOOM (0.9 TON - 3.5M/12FT WITH WINCH)



ART_1001206671-B

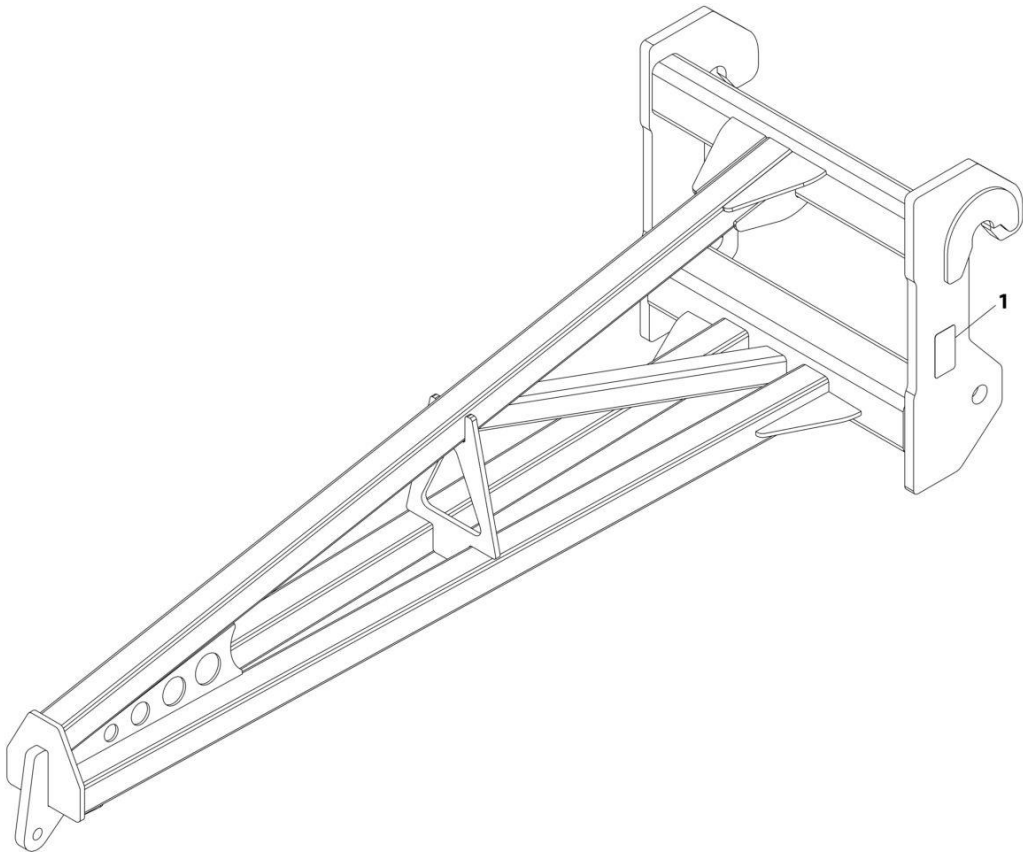
SECTION 3 - ATTACHMENTS

FIGURE 3-58. TRUSS BOOM (0.9 TON - 3.5M/12FT WITH WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206671	1	Truss Boom	E
1	90554016	1	Decal	
2	70021349	4	Bolt	
3	90554042	4	Washer	
4	70021921	1	Winch, Truss Boom, Assembly	
5	70024059	2	Bolt	
6	90554054	2	Nut	
7	90554020	2	Washer	
8	70021415	2	Fitting	
9	70026702	2	Hose	
10	1001101041	1	Hydraulic Couplier, Male	
11	1001093826	1	Dust Cap, Male	
12	1001101042	1	Hydraulic Couplier, Female	
13	1001093827	1	Plug, Dust, Female	
14	70021387	1	Hose Clamp	
15	70021978	1	Ball Swivel Safety Hook	
16	70021979	1	Wedge Socket Assembly	
17	70022528	1	Clamp, Cable	
18	70021935	1	Sheave, Grooved Pulley	
19	70022028	1	Cable	
20	70027790	2	Decal	
21	70022529	1	Pin	
22	70027009	2	Washer	
23	70026698	2	Ring, Snap	

SECTION 3 - ATTACHMENTS

FIGURE 3-59. TRUSS BOOM (1TON - 3.5M/12FT)



ART_1001292995

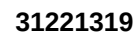
SECTION 3 - ATTACHMENTS

FIGURE 3-59. TRUSS BOOM (1TON - 3.5M/12FT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001292995 See Note	Ref NSS	TRUSS BOOM Plate, Serial Number (Note: Not Available for Purchase)	A

234

823



ART_1001206669-B

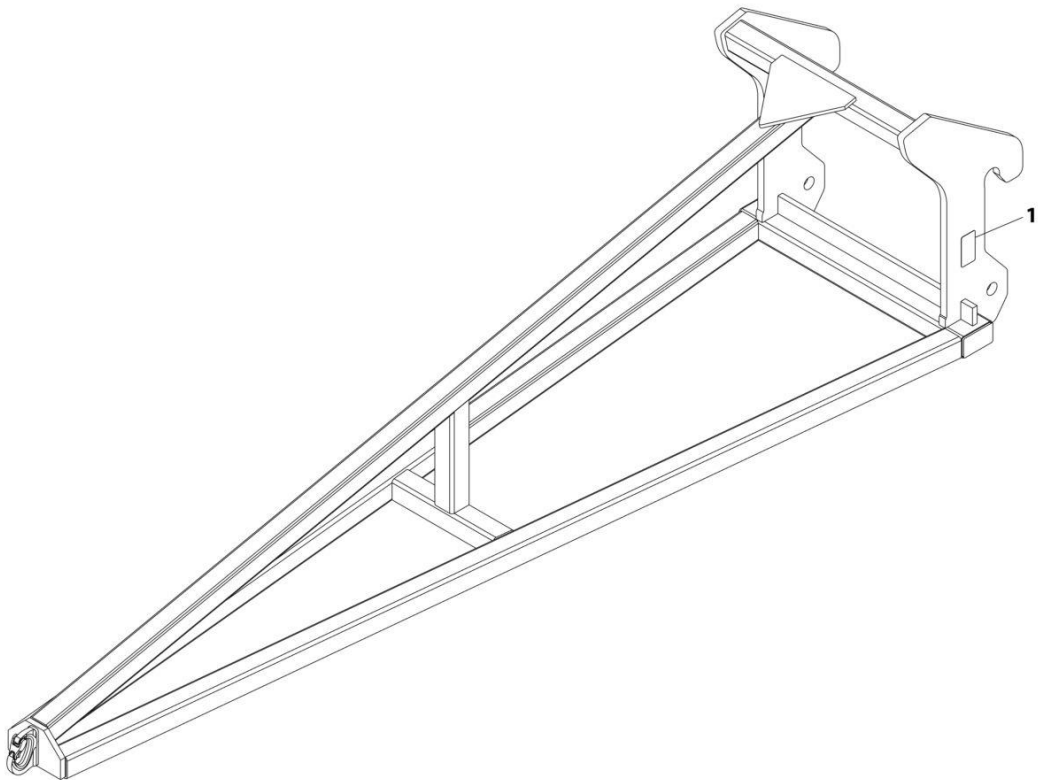
SECTION 3 - ATTACHMENTS

FIGURE 3-60. TRUSS BOOM (1.8 TON - 0.9M/3FT WITH WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206669	1	Truss Boom (1.8 Ton - 3 FT with Winch)	E
1	N.S.S.	1	Weldment, Truss Boom Frame	
2	70021921	1	Winch	
3	90554042	4	Washer	
4	70021349	4	Bolt	
5	70024059	2	Bolt	
6	90554020	2	Washer	
7	90554054	2	Nut	
8	70022028	1	Cable	
9	70021935	1	Pulley	
10	70022529	1	Pin	
11	70027009	2	Washer	
12	70026698	2	Ring, Snap	
13	70021979	1	Assembly, Socket (includes Pin & Cotter Pin)	
14	70022528	1	Clamp	
15	70021978	1	Hook, Ball Swivel	
16	70021415	2	Fitting	
17	70021977	2	Hose	
18	70022527	2	Fitting, 90	
19	7029692	1	Coupler, Male Quick	
20	1001003475	1	Cap, Dust	
21	70021342	1	Coupler, Female Quick	
22	1001003474	1	Plug, Dust	
23	70021387	1	Clamp, Hose	
24	4110422	2	Decal, Swinging Loads Danger	
25	N.S.S.	1	Plate, Serial Number	
26	90554016	1	Decal, Made in USA	

SECTION 3 - ATTACHMENTS

FIGURE 3-61. TRUSS BOOM (4.4TON - 2.3M/7.5FT)



ART_1001292996

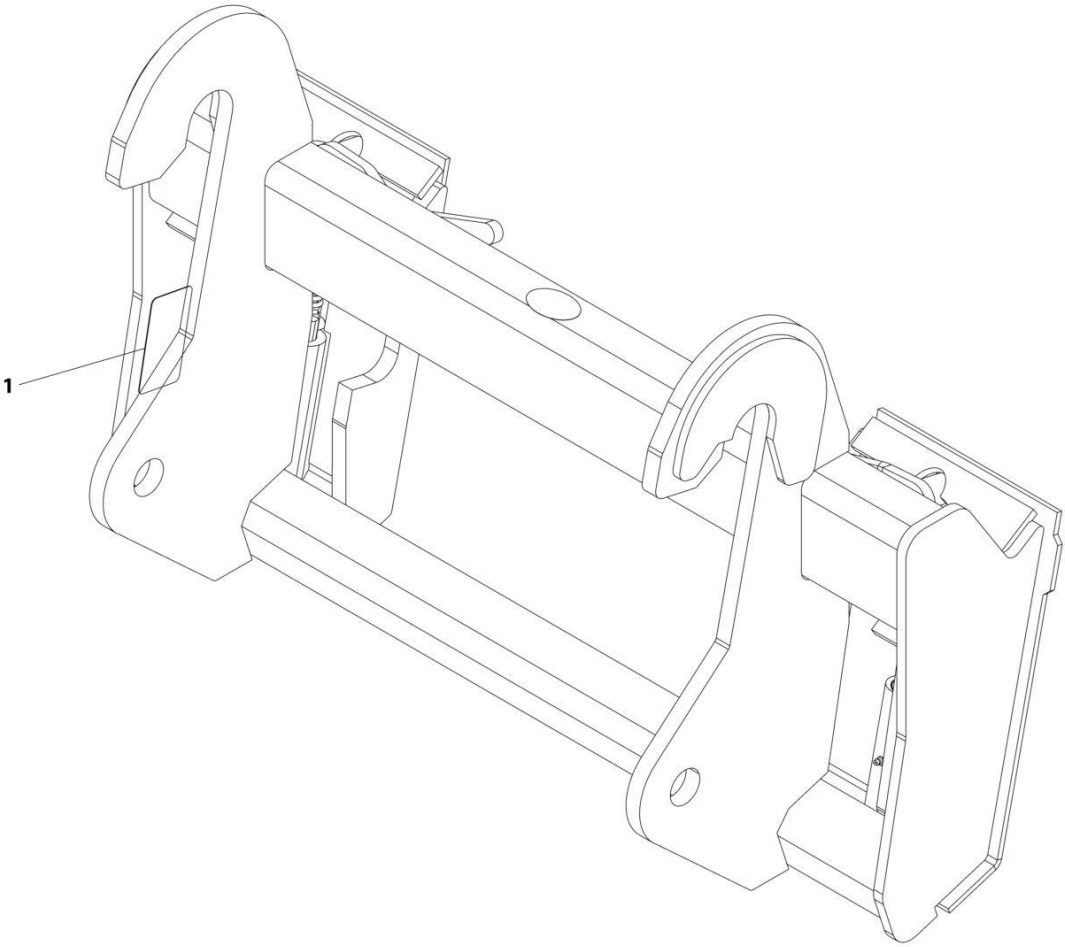
SECTION 3 - ATTACHMENTS

FIGURE 3-61. TRUSS BOOM (4.4TON - 2.3M/7.5FT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001292996 See Note	Ref NSS	TRUSS BOOM Plate, Serial Number (Note: Not Available for Purchase)	A

SECTION 3 - ATTACHMENTS

FIGURE 3-62. UNIVERSAL HITCH ATTACHMENT



ART_1001272548

SECTION 3 - ATTACHMENTS

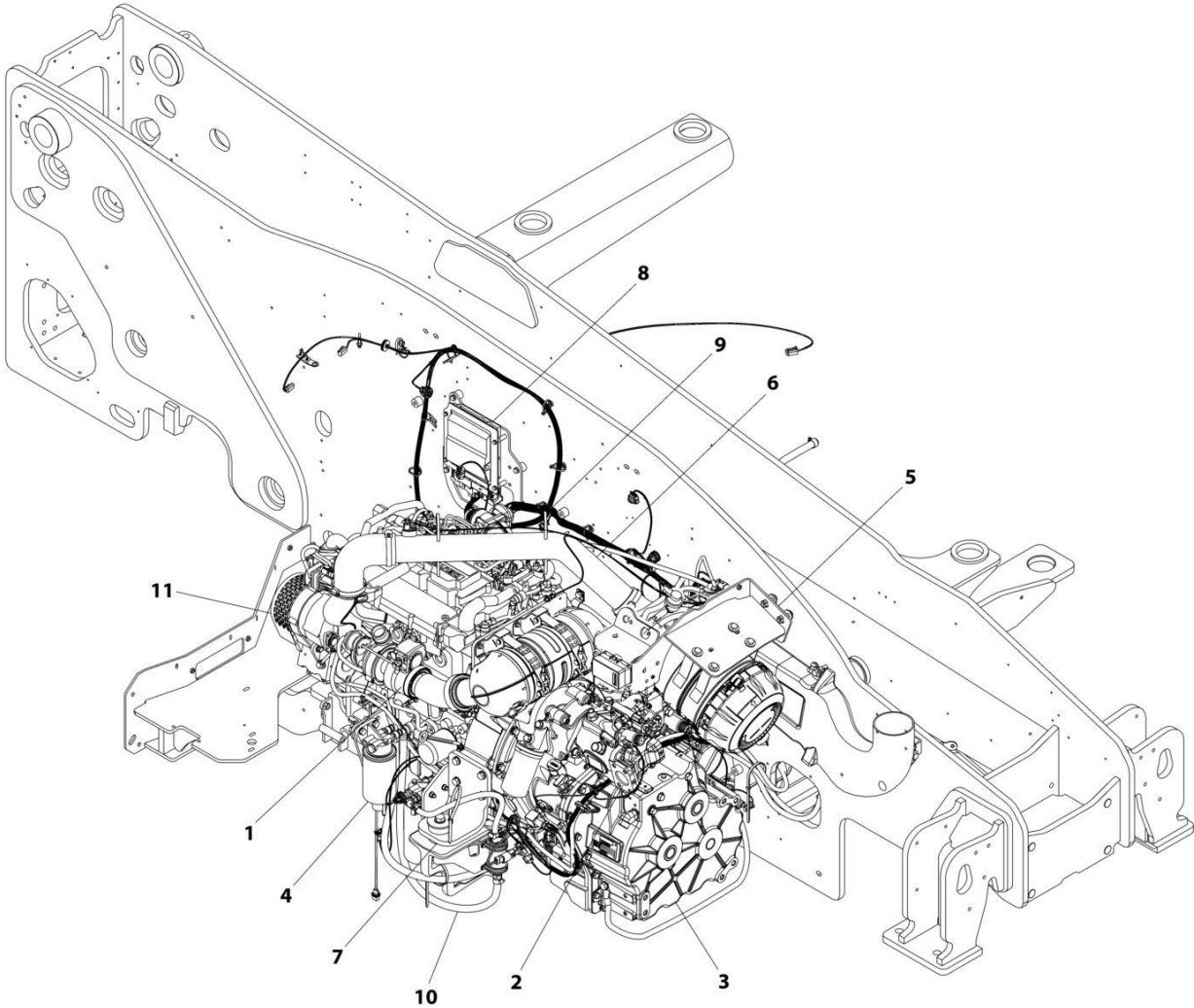
FIGURE 3-62. UNIVERSAL HITCH ATTACHMENT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001272548 N.S.S.	Ref 1	UNIVERSAL HITCH ATTACHMENT S/N Plate	C

SECTION 4 - ENGINE AND ATTACHING PARTS

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-1. ENGINE INSTALLATION (90KW - ULS - PISTON PUMP)



ART_1001175309_G

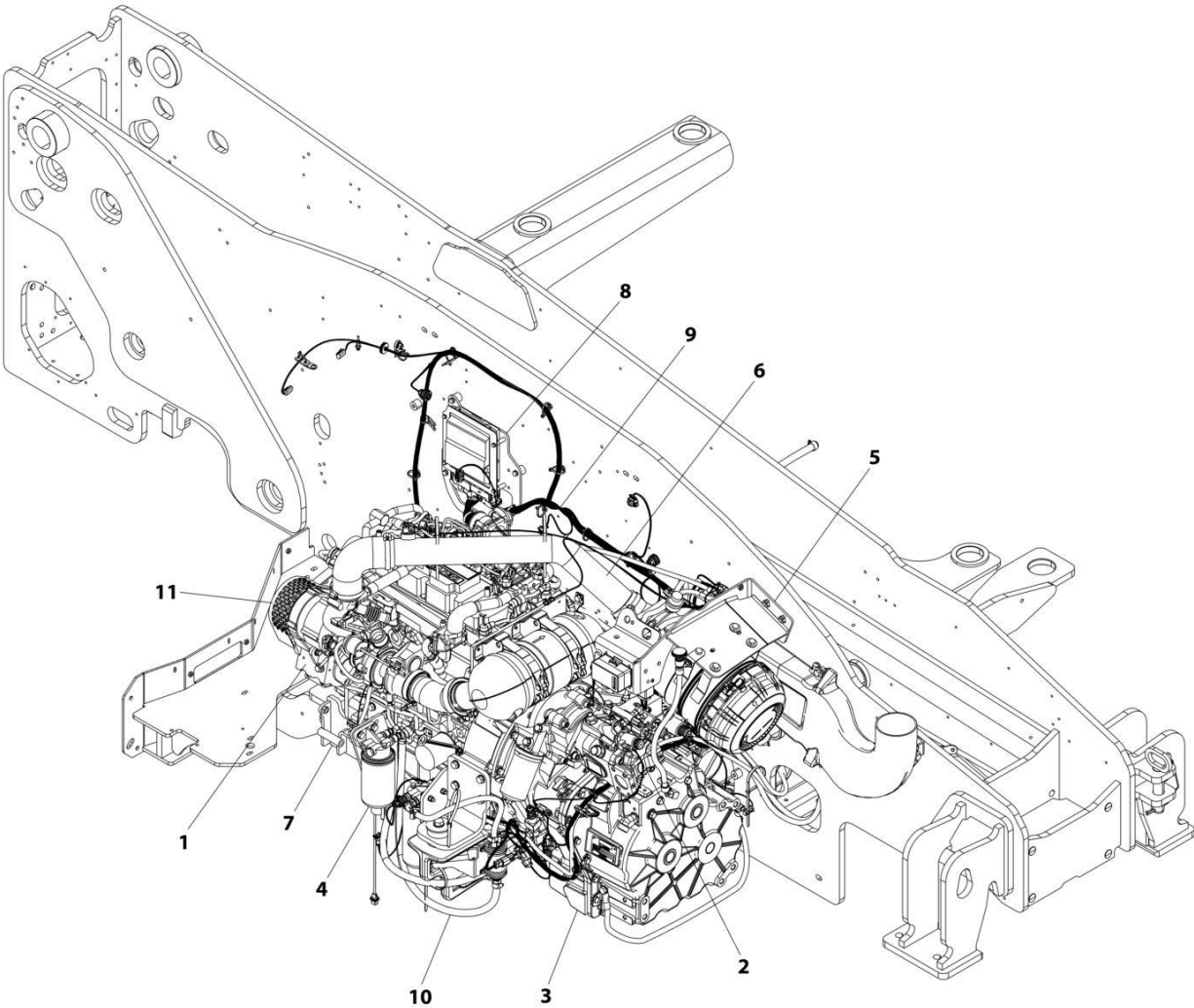
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-1. ENGINE INSTALLATION (90KW - ULS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001175309 1001175553	Ref 1	Engine Installation (90KW - ULS - Piston Pump) Engine, 3.6L (90KW - ULS - Piston Pump) (See Separate Breakdown in this Section)	G
2	1001177863	Ref	Installation, Main Hydraulic Pump (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
3	1001178439	Ref	Installation, Transmission (6 SPD) (See Separate Breakdown in DRIVETRAIN Section)	
4	1001181951	Ref	Installation, Fuel Filter (90/100KW - ULS) (See Separate Breakdown in this Section)	
5	1001257142	Ref	Installation, Air Cleaner (90/100KW) (See Separate Breakdown in this Section)	
6	1001182037	Ref	Installation, Air Intake Lines (90/100KW - ULS) (See Separate Breakdown in this Section)	
7	1001182582	Ref	Installation, Engine Mounting (90/100KW) (See Separate Breakdown in this Section)	
8	1001182735	Ref	Installation, Engine ECU (ULS) (See Separate Breakdown in this Section)	
9	1001185375	Ref	Installation, Engine Wiring (ULS) (See Separate Breakdown in ELECTRICAL Section)	
10	1001197821	Ref	Installation, Fuel Lines (ULS - RHOC) (See Separate Breakdown in this Section)	
11	1001182235	Ref	Installation, Bracket Guard (See Separate Breakdown in this Section)	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-2. ENGINE INSTALLATION (100KW - ULS - PISTON PUMP)



ART_1001178622_H

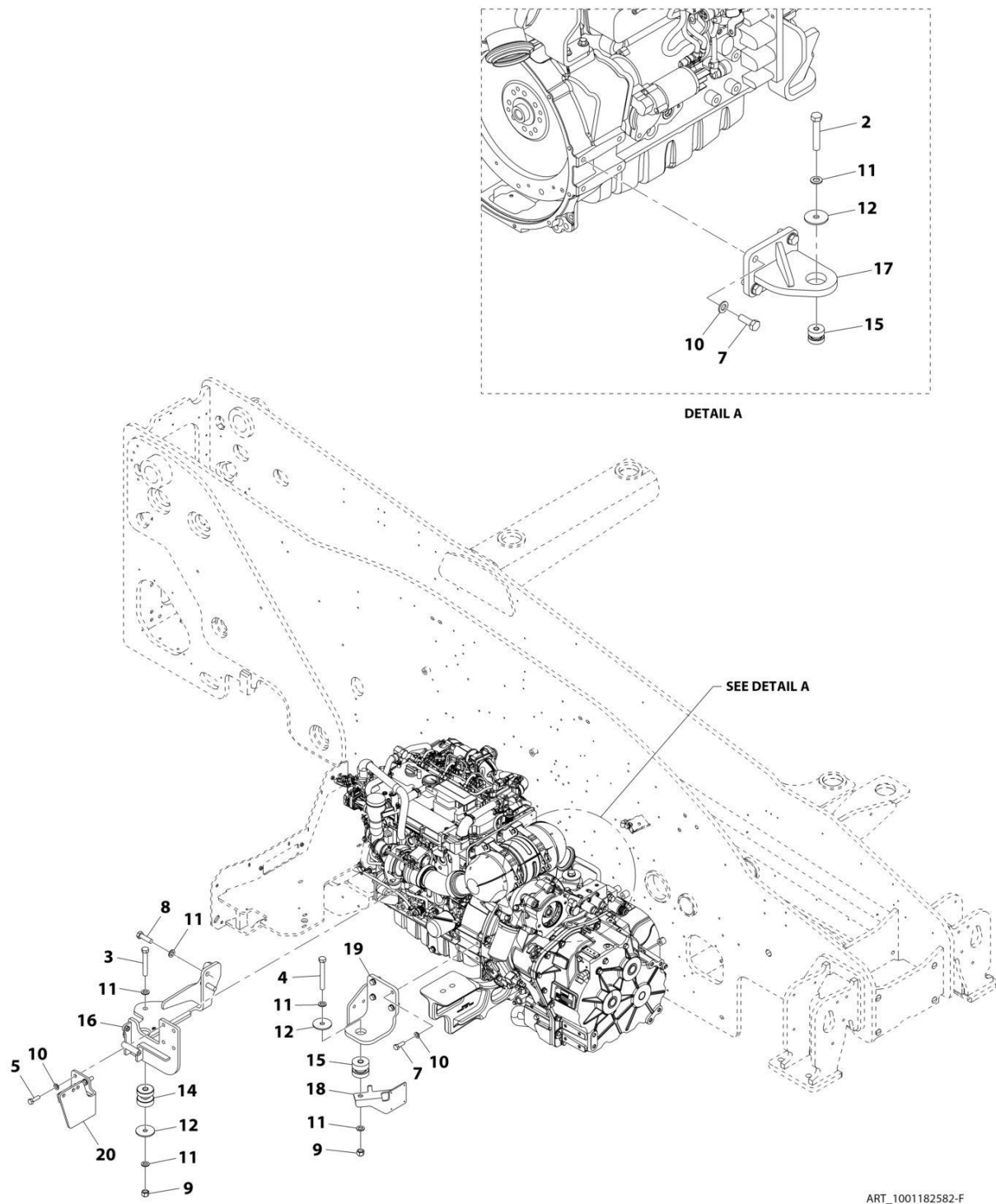
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-2. ENGINE INSTALLATION (100KW - ULS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001178622	Ref	EINGINE INSTALLATION (100KW - ULS - Piston Pump)	H
	1001175555	Ref	Engine, 3.6L (100KW - ULS - Piston Pump) (See Separate Breakdown in this Section)	
2	1001177863	Ref	Installation, Main Hydraulic Pump (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
3	1001182647	Ref	Installation, Transmission (6 SPD - HHP) (See Separate Breakdown in DRIVETRAIN Section)	
4	1001181951	Ref	Installation, Fuel Filter (90/100KW - ULS) (See Separate Breakdown in this Section)	
5	1001257142	Ref	Installation, Air Cleaner (90/100KW) (See Separate Breakdown in this Section)	
6	1001182037	Ref	Installation, Air Intake Lines (90/100KW - ULS) (See Separate Breakdown in this Section)	
7	1001182582	Ref	Installation, Engine Mounting (90/100KW) (See Separate Breakdown in this Section)	
8	1001182735	Ref	Installation, Engine ECU (ULS) (See Separate Breakdown in this Section)	
9	1001185375	Ref	Installation, Engine Wiring (ULS) (See Separate Breakdown in ELECTRICAL Section)	
10	1001197821	Ref	Installation, Fuel Lines (ULS - RHOC) (See Separate Breakdown in this Section)	
11	1001182235	Ref	Installation, Bracket Guard (See Separate Breakdown in this Section)	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-3. ENGINE MOUNTING INSTALLATION (90KW/100KW)



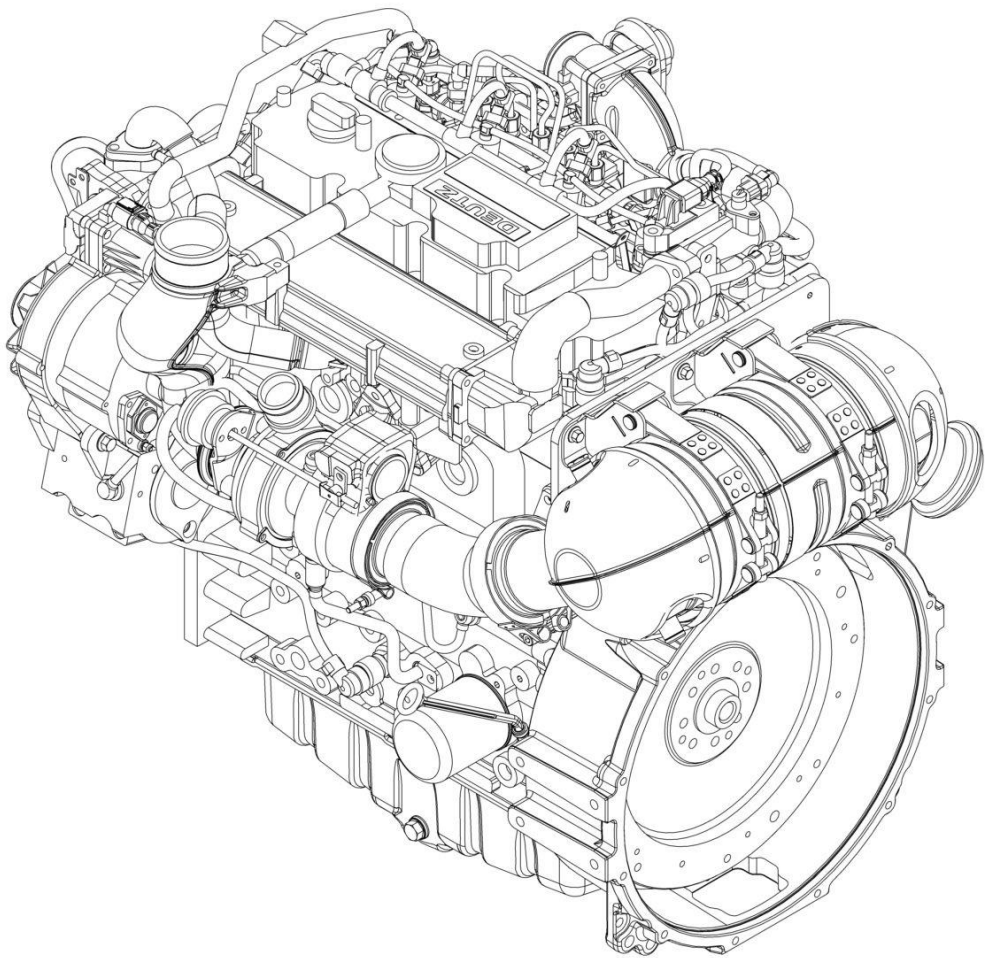
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-3. ENGINE MOUNTING INSTALLATION (90KW/100KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182582	Ref	Engine Mounting Installation (90KW/100KW)	G
2	0701626	1	Bolt, M16X90	
3	0701628	1	Bolt, M16X110	
4	0701630	1	Bolt, M16X130	
5	0761216	4	Bolt, M12X40	
7	0761215	8	Bolt, M12X35	
8	0761619	2	Bolt, M16X55	
9	3291605	2	Bolt, M16X2	
10	4812100	12	Washer, M12	
11	4812300	7	Washer, M16	
12	7300435	3	Washer	
14	1001163387	1	Mount, Isolator Engine	
15	1001195518	2	Mount, Isolator Engine	
16	1001169216	1	Bracket, Engine Mount	
17	1001169424	1	Bracket, Engine Mount	
18	1001188204	1	Bracket, Fuel Pump	
19	1001183745	1	Bracket, Engine Mount	
20	1001189586	1	Bracket, Fuel Filter	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-4. 3.6L ENGINE (90KW - ULS - PISTON PUMP)



ART_1001175553

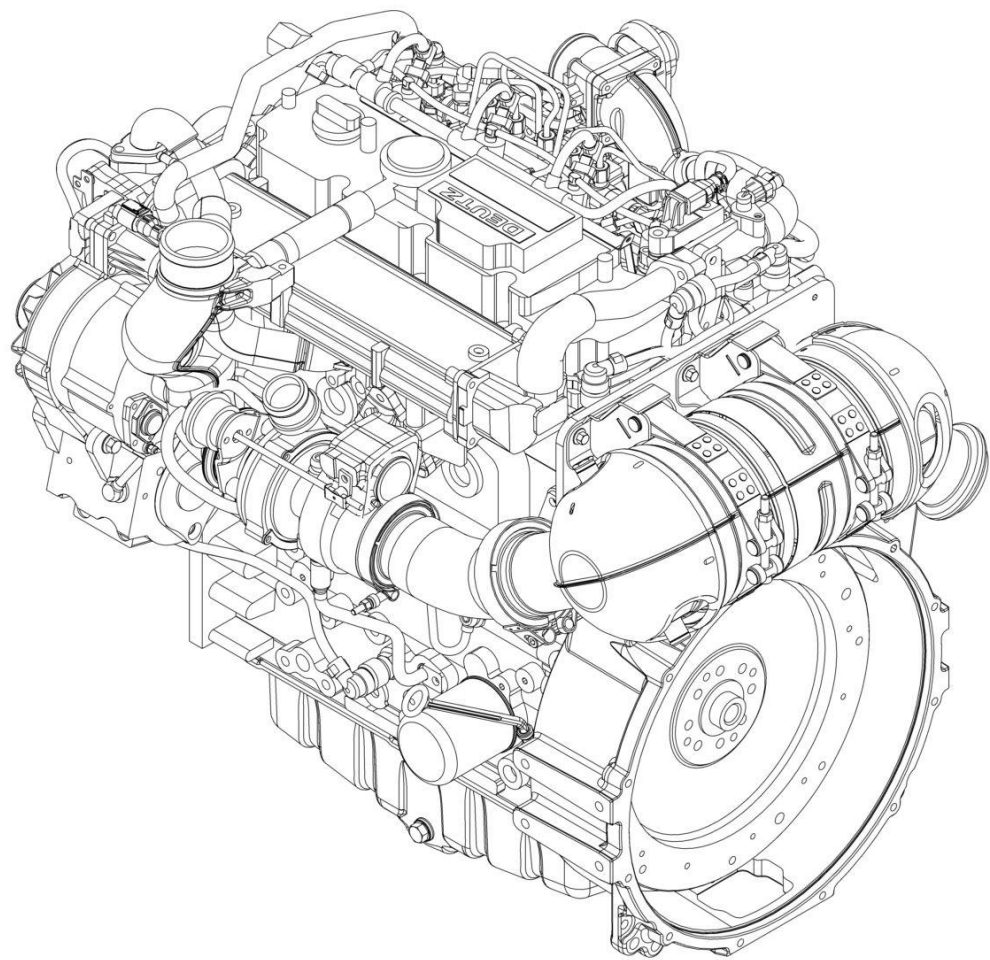
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-4. 3.6L ENGINE (90KW - ULS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175553	Ref	3.6L Engine (90KW - ULS - Piston Pump)	H
	70027657	1	Dipstick	
	7020442	2	O-Ring	
	7020465	1	Cap, Filler	
	70025205	1	Gasket	
	70004280	1	Seal	
	7016331	1	Filter, Oil	
	70024494	1	Oil cooler	
	70024495	1	Gasket	
	70024509	1	Gasket	
	70011901	1	Pump, High Pressure	
	70024485	4	Injector, Fuel	
	70024504	1	Sensor, Pressure	
	70024920	1	Seal	
	70026011	1	Pump, Water	
	70024918	1	Sender, Temperature	
	70005504	1	Sensor, Pressure	
	70005505	2	O-Seal	
	70027405	1	Sensor, Temperature	
	70005507	2	O-Seal	
	70005515	1	Turbocharger	
	70024480	1	Gasket	
	70027404	1	Generator	
	70027403	1	V-Belt	
	70025535	1	Starter	
	70026210	1	Sensor	
	70005191	1	O-Ring	
	70024505	1	Sensor, Temperature	
	70005556	1	Sensor, Temperature	
	70005559	1	Sensor, Temperature	
	70025153	1	Prefilter, Fuel	
	70027417	1	Filter, Fuel	
	1001225432	1	Element, Filter	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-5. 3.6L ENGINE (100KW - ULS - PISTON PUMP)



ART_1001175555

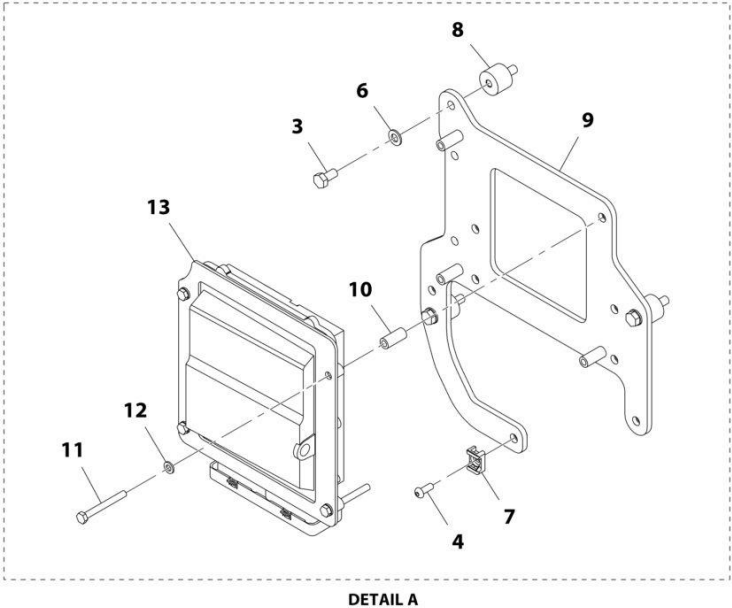
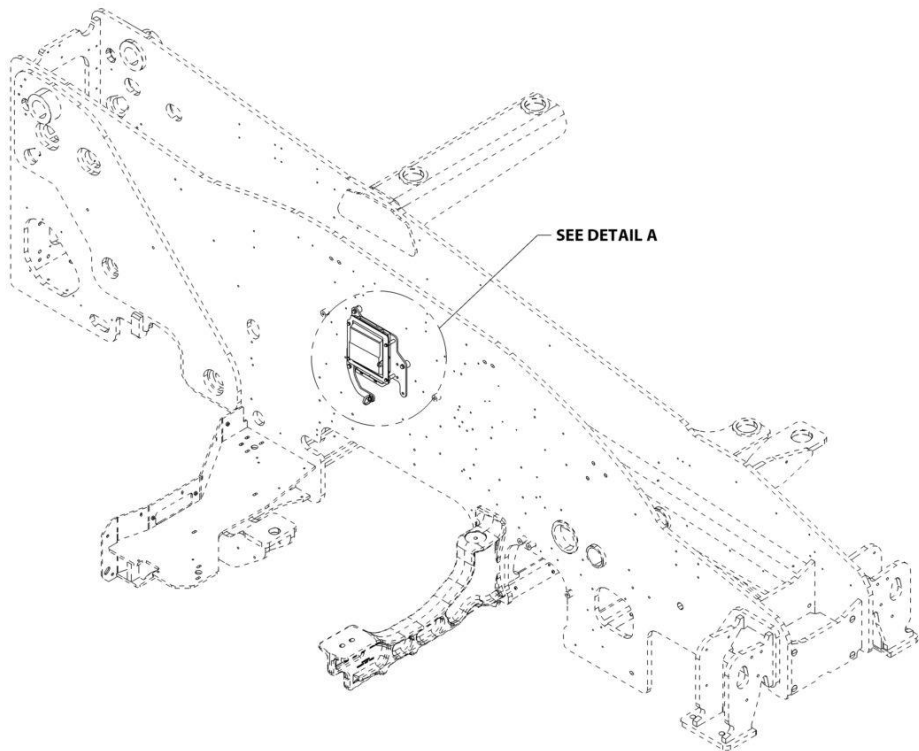
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-5. 3.6L ENGINE (100KW - ULS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175555	Ref	3.6L Engine (100KW - ULS - Piston Pump)	H
	70027657	1	Dipstick	
	7020442	2	O-Ring	
	7020465	1	Cap, Filler	
	70025205	1	Gasket	
	70004280	1	Seal	
	7016331	1	Filter, Oil	
	70024494	1	Oil cooler	
	70024495	1	Gasket	
	70024509	1	Gasket	
	70011901	1	Pump, High Pressure	
	70024485	4	Injector, Fuel	
	70024504	1	Sensor, Pressure	
	70024920	1	Seal	
	70026011	1	Pump, Water	
	70024918	1	Sender, Temperature	
	70005504	1	Sensor, Pressure	
	70005505	2	O-Seal	
	70027405	1	Sensor, Temperature	
	70005507	2	O-Seal	
	70005515	1	Turbocharger	
	70024480	1	Gasket	
	70027404	1	Generator	
	70027403	1	V-Belt	
	70025535	1	Starter	
	70026210	1	Sensor	
	70005191	1	O-Ring	
	70024505	1	Sensor, Temperature	
	70005556	1	Sensor, Temperature	
	70005559	1	Sensor, Temperature	
	70027417	1	Filter, Fuel	
	1001225432	1	Element, Filter	
	70025153	1	Prefilter, Fuel	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-6. ENGINE ECU INSTALLATION (ULS)



ART_1001182735-D

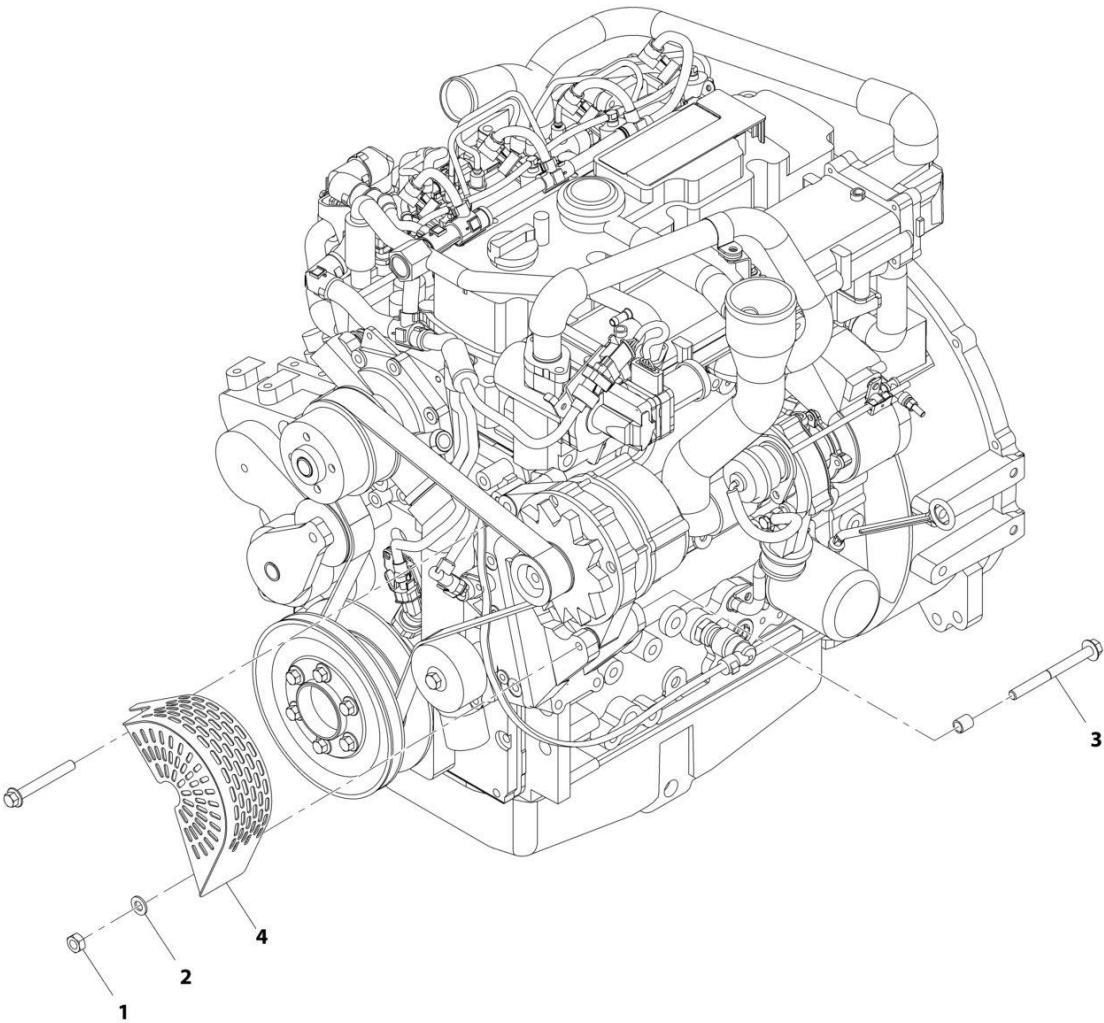
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-6. ENGINE ECU INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182735	Ref	Engine ECU Installation (ULS)	D
3	0760808	3	Bolt, M8X16	
4	3900357	1	Capscrew, M6X16	
6	4811900	3	Washer, M8	
7	1001138645	1	Mount, Cable Tie	
8	1001179907	3	Mount, Isolator	
9	1001183347	1	Plate	
10	1001196587	4	Sleeve, Spacer	
11	0760619	4	Bolt, M6X55	
12	4811700	4	Washer, M6	
13	1001206120	1	Plate	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-7. BRACKET GUARD INSTALLATION



ART_1001182235-B

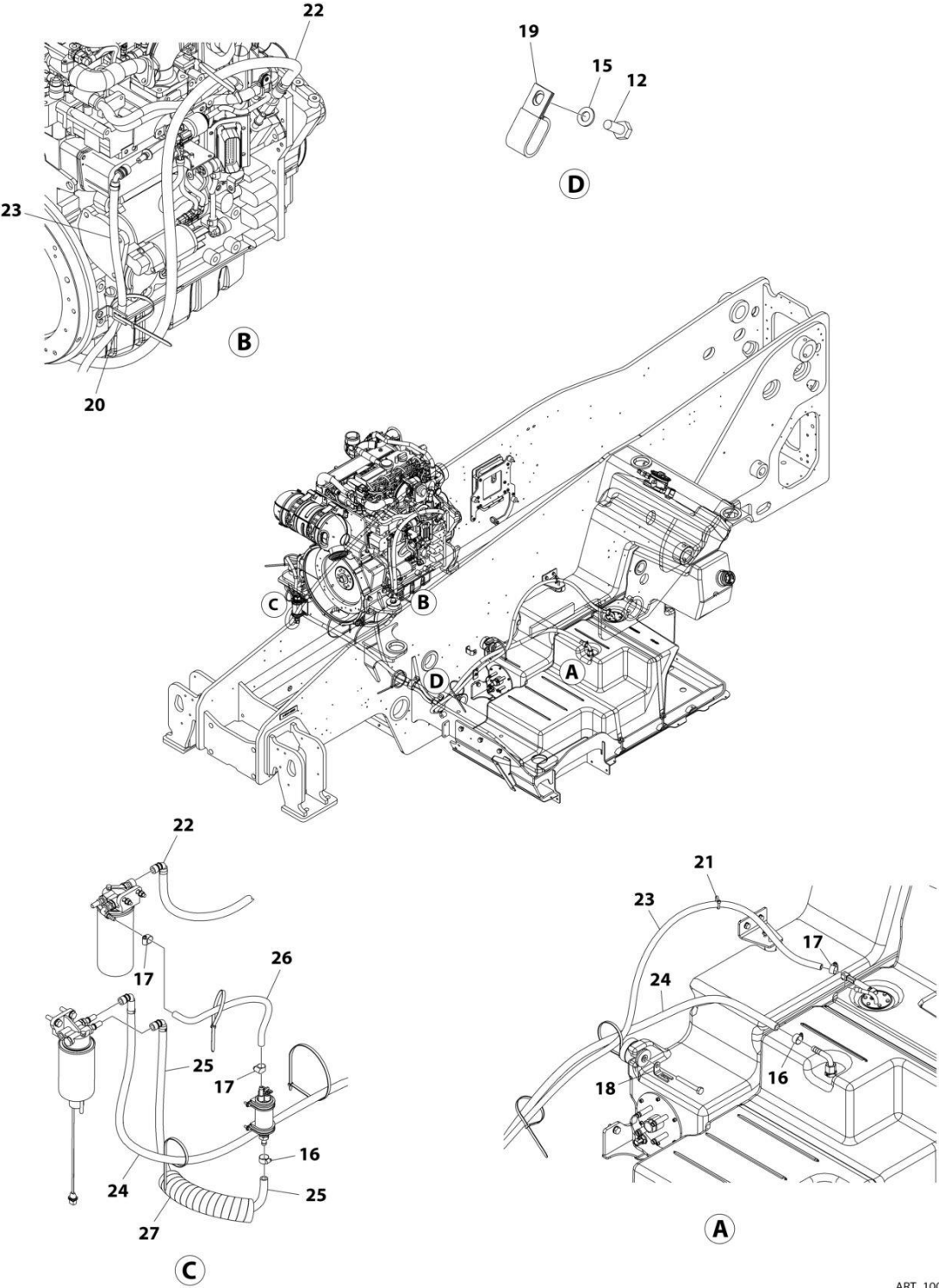
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-7. BRACKET GUARD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182235	Ref	Bracket Guard Installation	B
1	3291001	1	Nut, M10X1.5 Grade 8	
2	4812000	1	Washer, M10	
3	1001152378	1	Bolt, M10X110 Grade 10.9	
4	1001213006	1	Bracket, Guard	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-8. FUEL LINES INSTALLATION (ULS - RHOC)



ART_1001197821_F

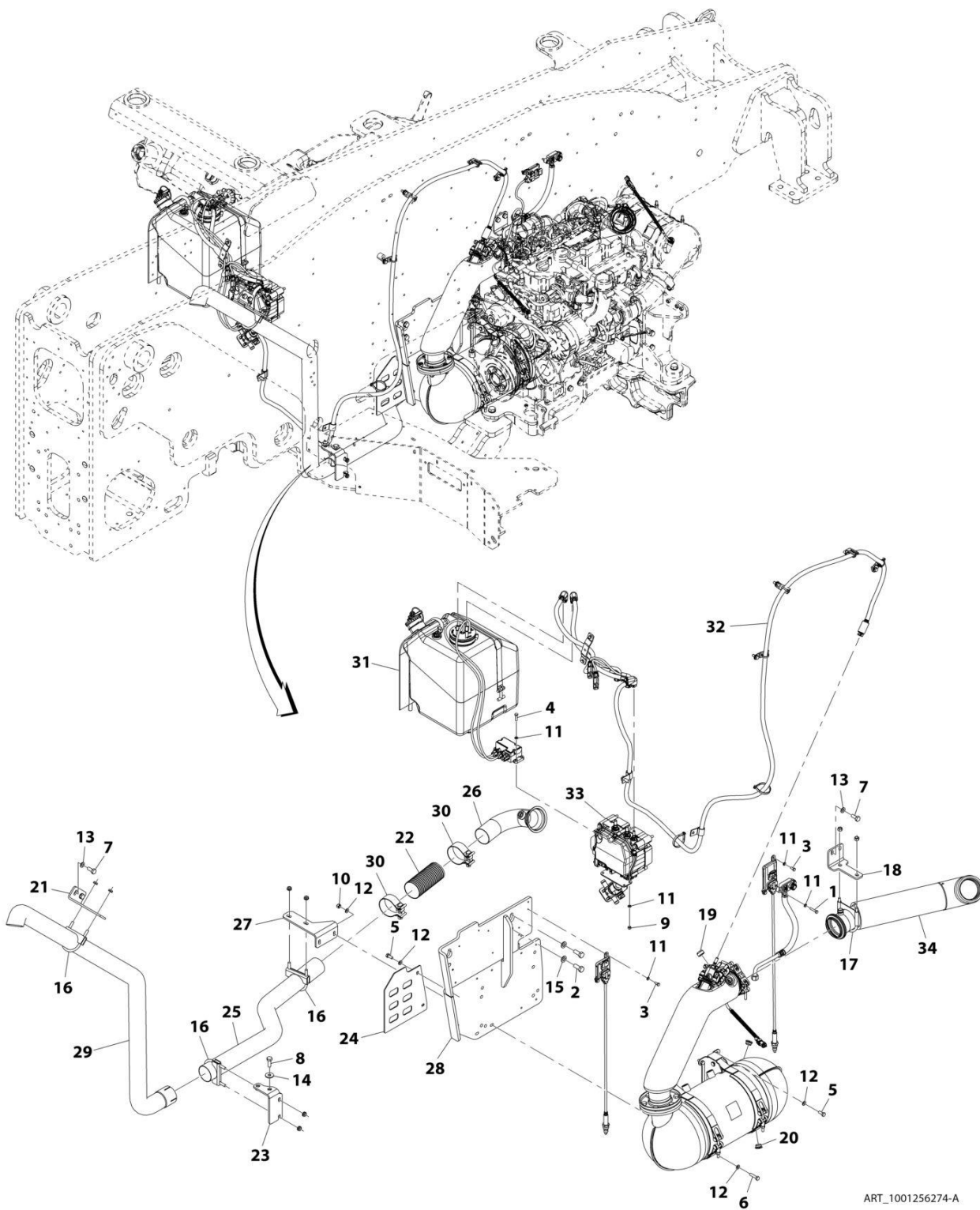
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-8. FUEL LINES INSTALLATION (ULS - RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197821	Ref	FUEL LINES INSTALLATION (ULS - RHOC)	F
12	0761012	2	Bolt M10 x 25	
13	1062255	AR	Tie-Strap 365MM (Not Shown)	
14	4240127	AR	Tie-Strap 615MM (Not Shown)	
15	4812000	2	Washer M10	
16	8405006	2	Clamp, Gear	
17	8410013	3	Clamp, Gear	
18	1001003305	1	Clip	
19	1001026104	2	Clip	
20	1001130198	1	Clip, 90	
21	1001146588	1	Strap, Fir Tree Cable Tie	
22	1001204841	1	Hose, 0.5IN Fuel	
23	1001256644	1	Hose, 0.38IN Fuel	
24	1001216854	1	Hose, 0.5IN Fuel	
25	1001216855	1	Hose, 0.5IN Fuel	
26	1001205041	1	Hose, 0.38IN Fuel	
27	1001268889	1	Sleeve, Hose Wrap	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-9. EXHAUST INSTALLATION (ULS)



ART_1001256274-A

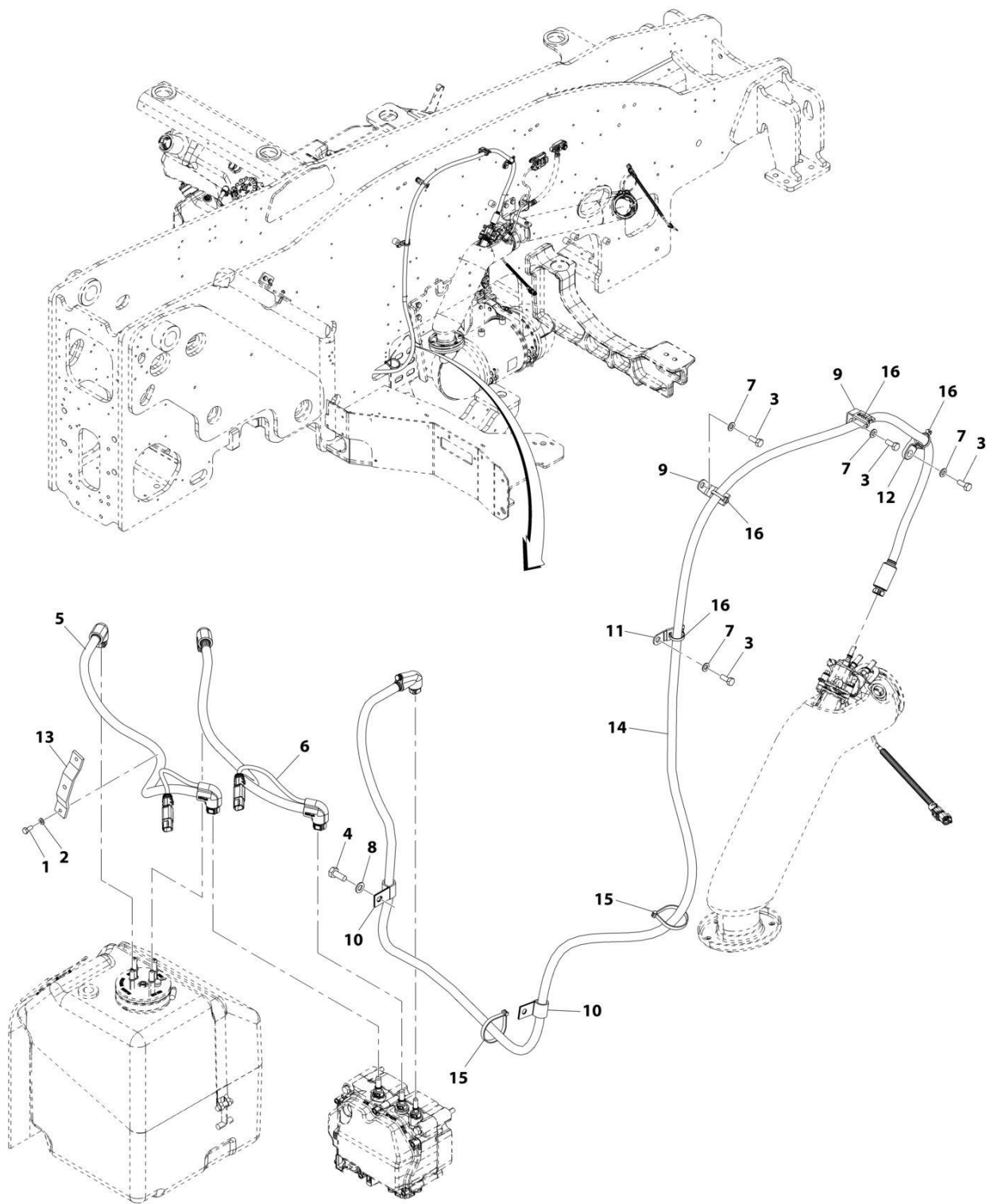
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-9. EXHAUST INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256274	Ref	EXHAUST INSTALLATION (ULS)	A
1	0700614	2	Bolt M6 x 30	
2	0701214	4	Bolt M12 x 30	
3	0760607	4	Bolt M6 x 14	
4	0760612	4	Bolt, M6 x 25	
5	0760810	8	Bolt M8 x 20	
6	0760815	2	Bolt M8 x 35	
7	0761012	4	Bolt M10 x 25	
8	0761014	2	Bolt M10 x 30	
9	3290605	4	Nut, Lock M6 x 1 Grade 8	
10	3290805	2	Nut, Lock M8 x 1.25 Grade 8	
11	4811700	5	Washer M6	
12	4811900	12	Washer M8	
13	4812000	4	Washer M10	
14	4812002	2	Washer M10	
15	4812100	4	Washer M12	
16	8275212	3	Clamp, Muffler	
17	24921332	1	Clamp, Exhaust	
18	1001169918	1	Plate, Exhaust	
19	1001171913	1	Cap	
20	1001171959	2	Plug	
21	1001182824	1	Bracket, Tailpipe	
22	1001201766	1	Pipe, Exhaust Flex	
23	1001201811	1	Bracket, Tailpipe	
24	1001201823	1	Plate, Airflow	
25	1001201929	1	Pipe, Exhaust	
26	1001201930	1	Pipe, Exhaust	
27	1001201933	1	Support, Exhaust Pipe	
28	1001210022	1	Bracket	
29	1001222187	1	Pipe, Tail Exhaust	
30	1001225213	2	Clamp, Flex Pipe	
31	1001256277	1	Installation, DEF Tank (ULS) (See Separate Breakdown in this Section)	
32	1001256278	1	Installation, DEF Lines (ULS) (See Separate Breakdown in this Section)	
33	1001256563	1	Installation, DEF Control Module (ULS) (See Separate Breakdown in this Section)	
34	1001193551	1	Pipe, Exhaust Flex	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-10. DEF LINES INSTALLATION (ULS)



ART_1001256278-A

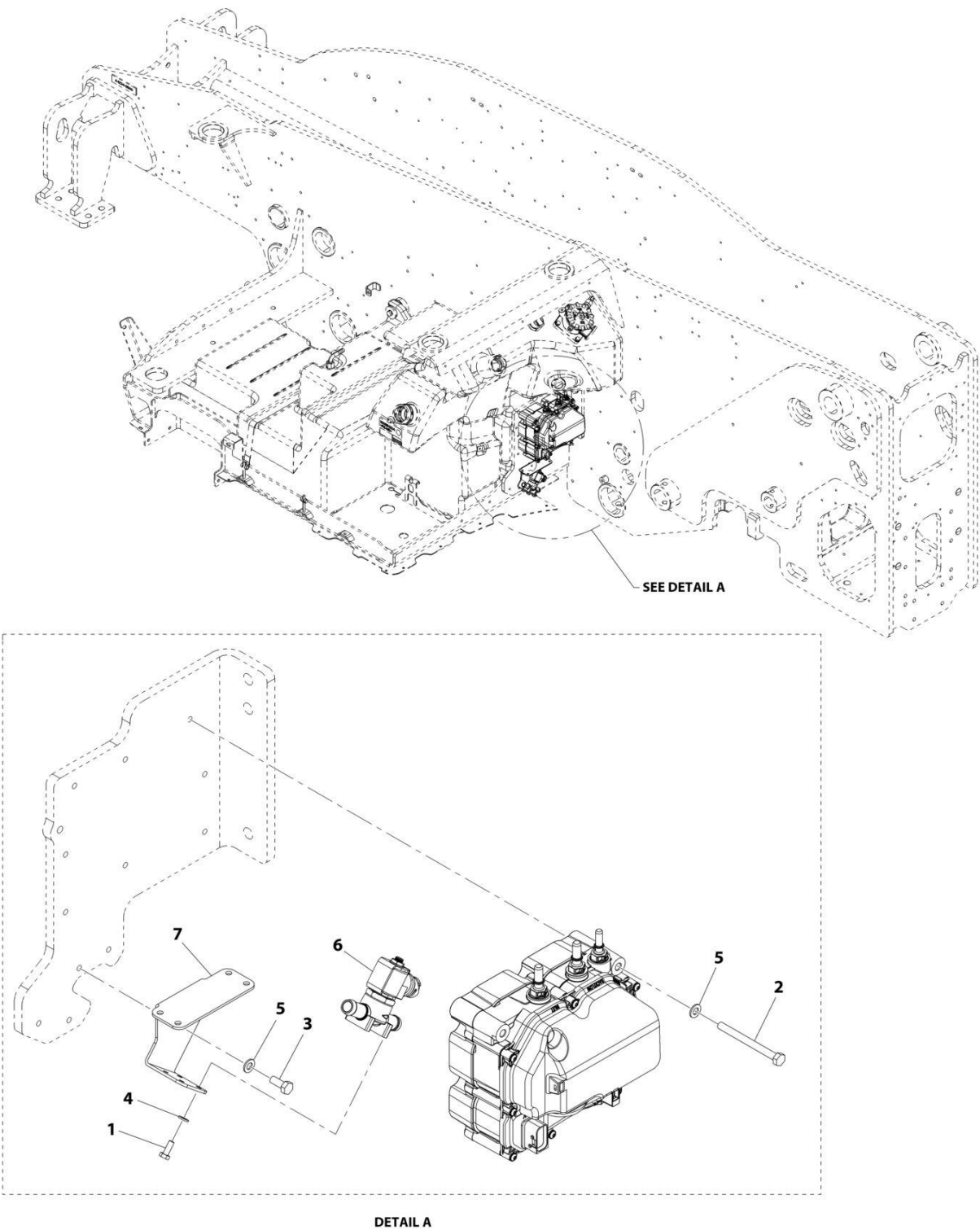
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-10. DEF LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256278	Ref	DEF LINES INSTALLATION (ULS)	A
1	0760607	2	Bolt M6 x 14	
2	4831700	2	Washer, Lock M6	
3	0760810	4	Bolt M8 x 20	
4	0761012	1	Bolt M10 x 25	
5	1001239879	1	Hose, Heated (DEF)	
6	1001239878	1	Hose, Heated (DEF)	
7	4811900	4	Washer M8	
8	4812000	1	Washer M10	
9	1001003305	2	Clip	
10	1001008574	2	Clip	
11	1001008593	1	Clip	
12	1001169146	1	Mount	
13	1001180328	1	Bracket	
14	1001207486	1	Hose, Heated (DEF)	
15	1062255	2	Strap, Tie	
16	471678	4	Strap, Tie	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-11. DEF CONTROL MODULE INSTALLATION (ULS)



ART_1001256563-A

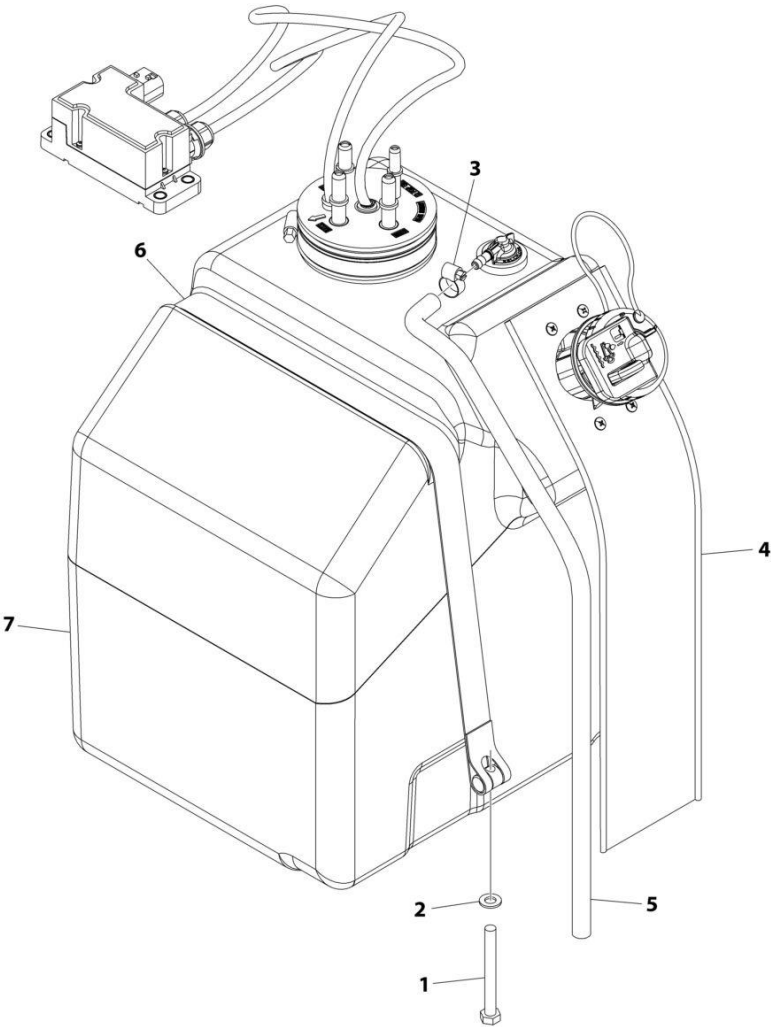
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-11. DEF CONTROL MODULE INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256563	Ref	DEF Control Module Installation (ULS)	A
1	0700608	4	Bolt, M6X16	
2	0700826	3	Bolt, M8X90	
3	0760810	2	Bolt, M8X20	
4	4811700	4	Washer, M6	
5	4811900	5	Washer, M8	
6	1001199670	1	Valve	
7	1001256410	1	Bracket	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-12. DEF TANK INSTALLATION (ULS)



ART_1001256277_B

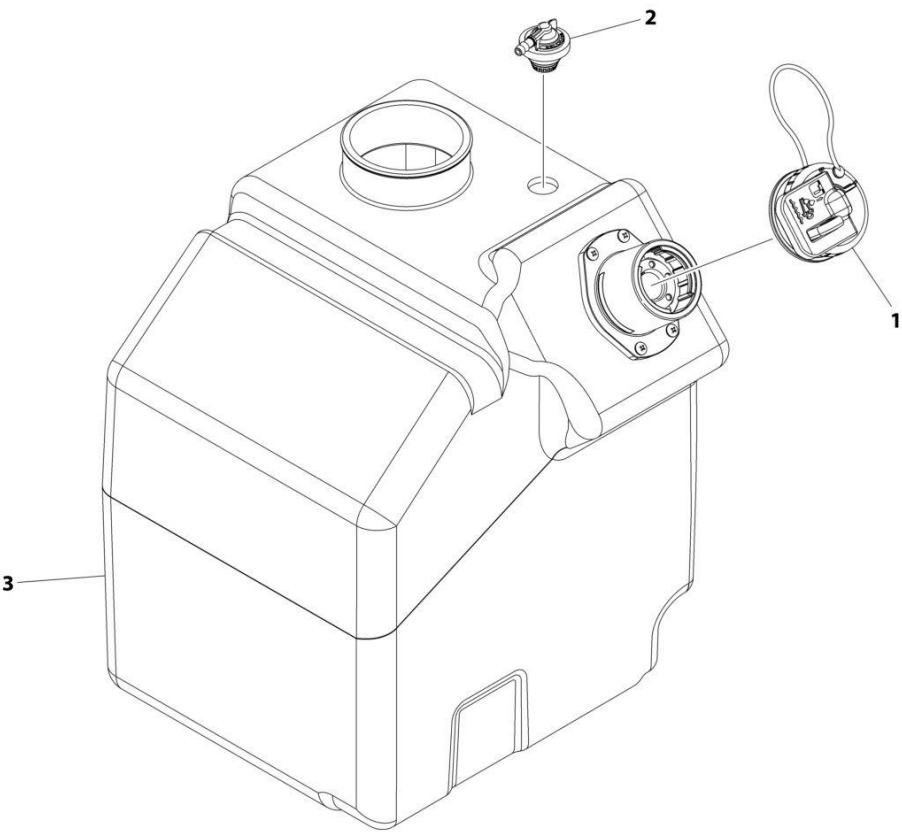
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-12. DEF TANK INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256277	Ref	DEF TANK INSTALLATION (ULS)	B
1	0760823	1	Bolt M8 x 75	
2	4811900	1	Washer M8	
3	8405009	1	Clamp	
4	1001168272	1	Sleeve	
5	1001175201	0.6 m	Hose	
6	1001178791	1	Strap	
7	1001289563	1	DEF Tank Assembly (ULS) (See Separate Breakdown in this Section)	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-13. DEF TANK ASSEMBLY



ART_1001289563

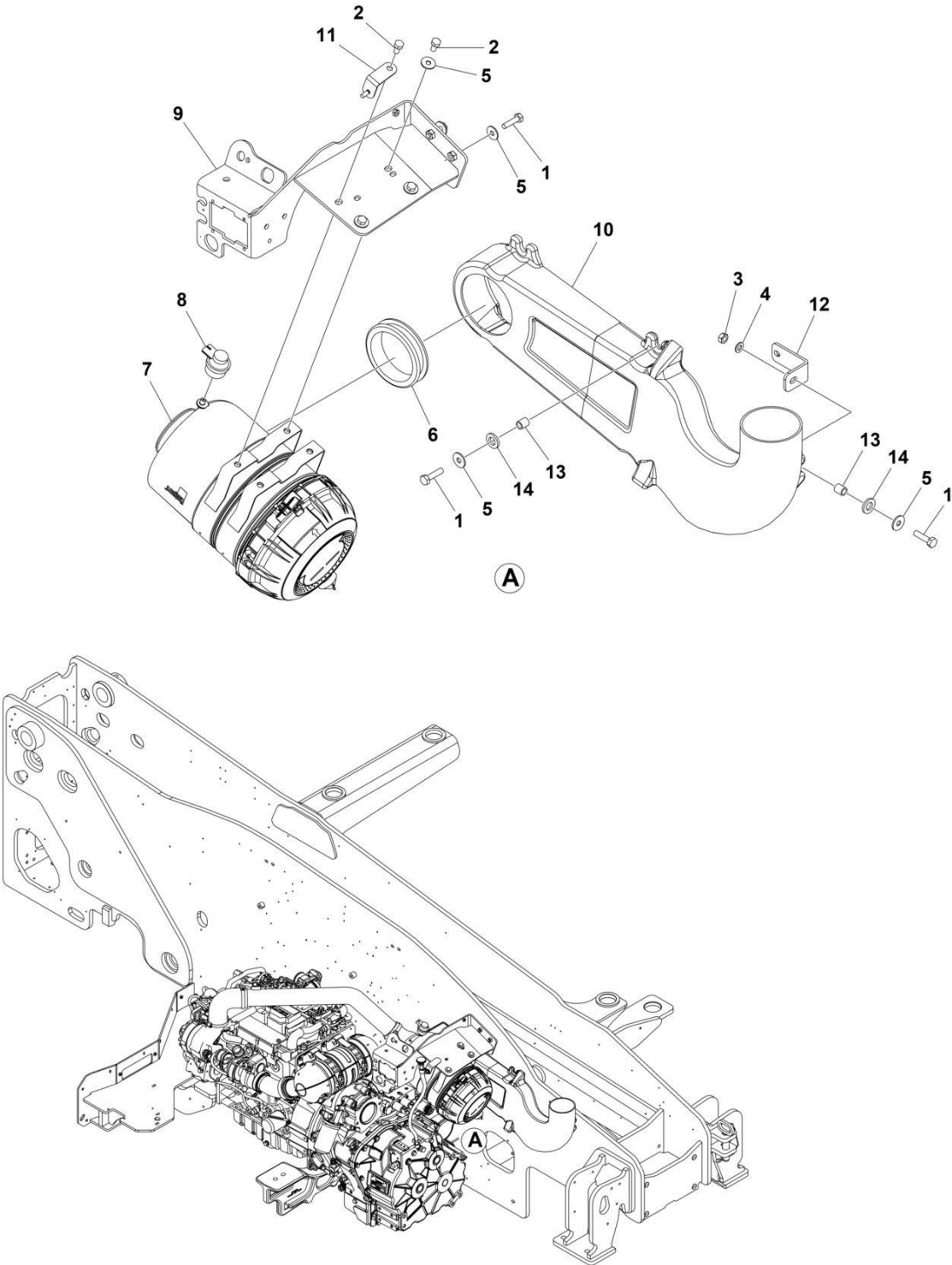
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-13. DEF TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289563	Ref	DEF TANK ASSEMBLY	A
1	1001174795	1	Reutter Cap Assembly	
2	1001215319	1	DEF Breather Valve	
3	1001289562	1	DEF Tank	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-14. AIR CLEANER INSTALLATION (90/100KW)



ART_1001257142_D

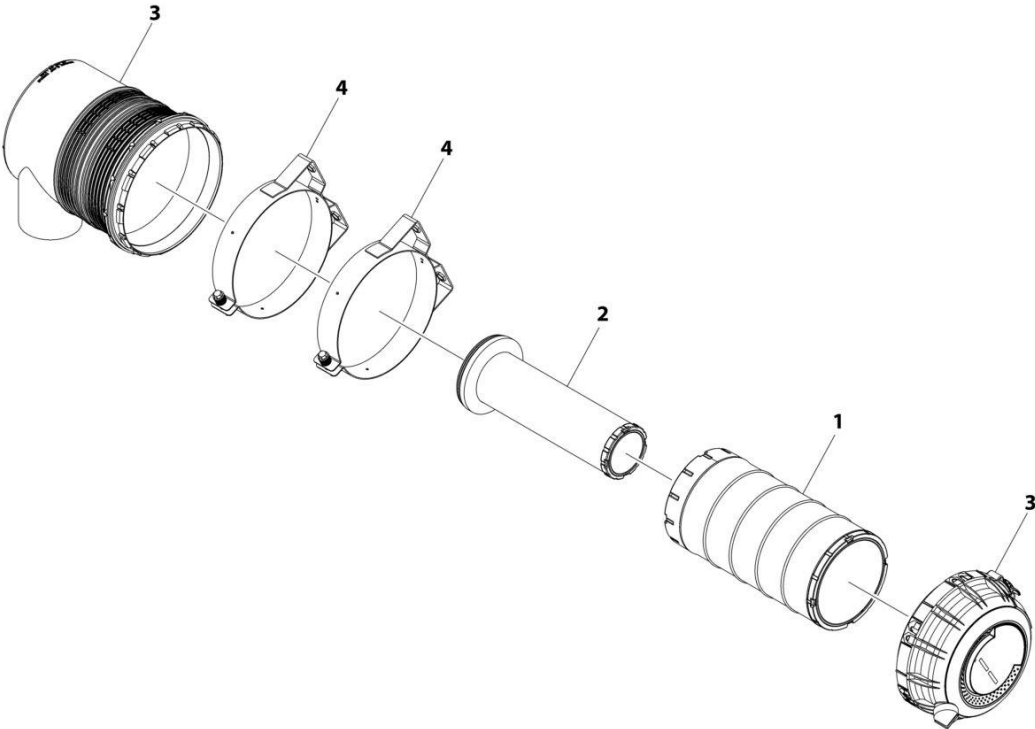
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-14. AIR CLEANER INSTALLATION (90/100KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257142	Ref	AIR CLEANER INSTALLATION (90/100KW)	D
1	0701016	8	Bolt M10 x 40	
2	0761010	4	Bolt M10 x 20	
3	3291001	1	Nut M10 x 1.5 Grade 8	
4	4812000	1	Washer M10	
5	4812002	11	Washer M10	
6	1001183831	1	Grommet	
7	1001166565	1	Filter, Air Cleaner (90/100KW) (See Separate Breakdown in this Section)	
8	1001166715	1	Sensor, Air Restriction	
9	1001212906	1	Bracket	
10	1001216813	1	Duct	
11	1001263830	1	Bracket	
12	1001231388	1	Bracket	
13	1001231389	5	Sleeve, Spacer	
14	1001231390	5	Washer	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-15. AIR CLEANER ASSEMBLY (90/100KW)



ART_1001166565

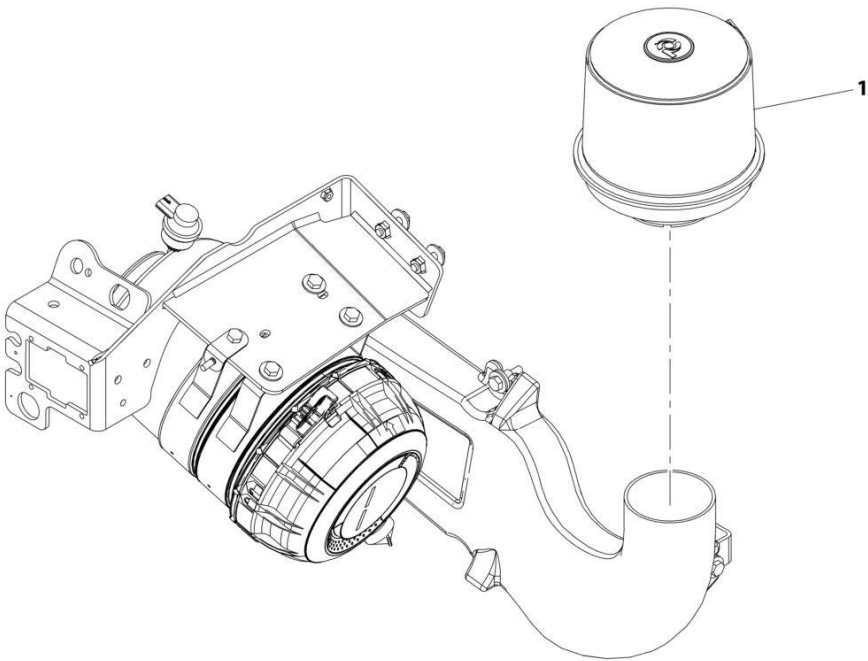
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-15. AIR CLEANER ASSEMBLY (90/100KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166565	Ref	AIR FILTER ASSEMBLY (90/100KW)	F
1	70025850	1	Filter, Cylindrical Air Primary	
2	70025851	1	Filter, Cylindrical Air Secondary	
3	70026395	1	Cover	
4	70026396	2	Bracket	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-16. PRE-AIR CLEANER ACCESSORY



ART_1001231731-A

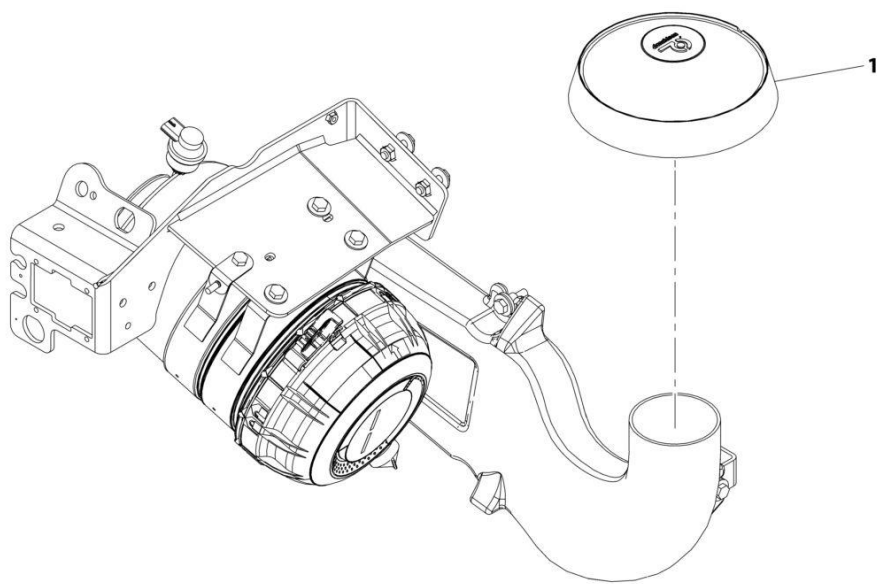
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-16. PRE-AIR CLEANER ACCESSORY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001231731	Ref	PRE-AIR CLEANER ACCESSORY	A
	1001092771	1	Accessory, Pre-Cleaner,Topspin	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-17. AIR INTAKE RAIN CAP ACCESSORY



ART_1001231732-A

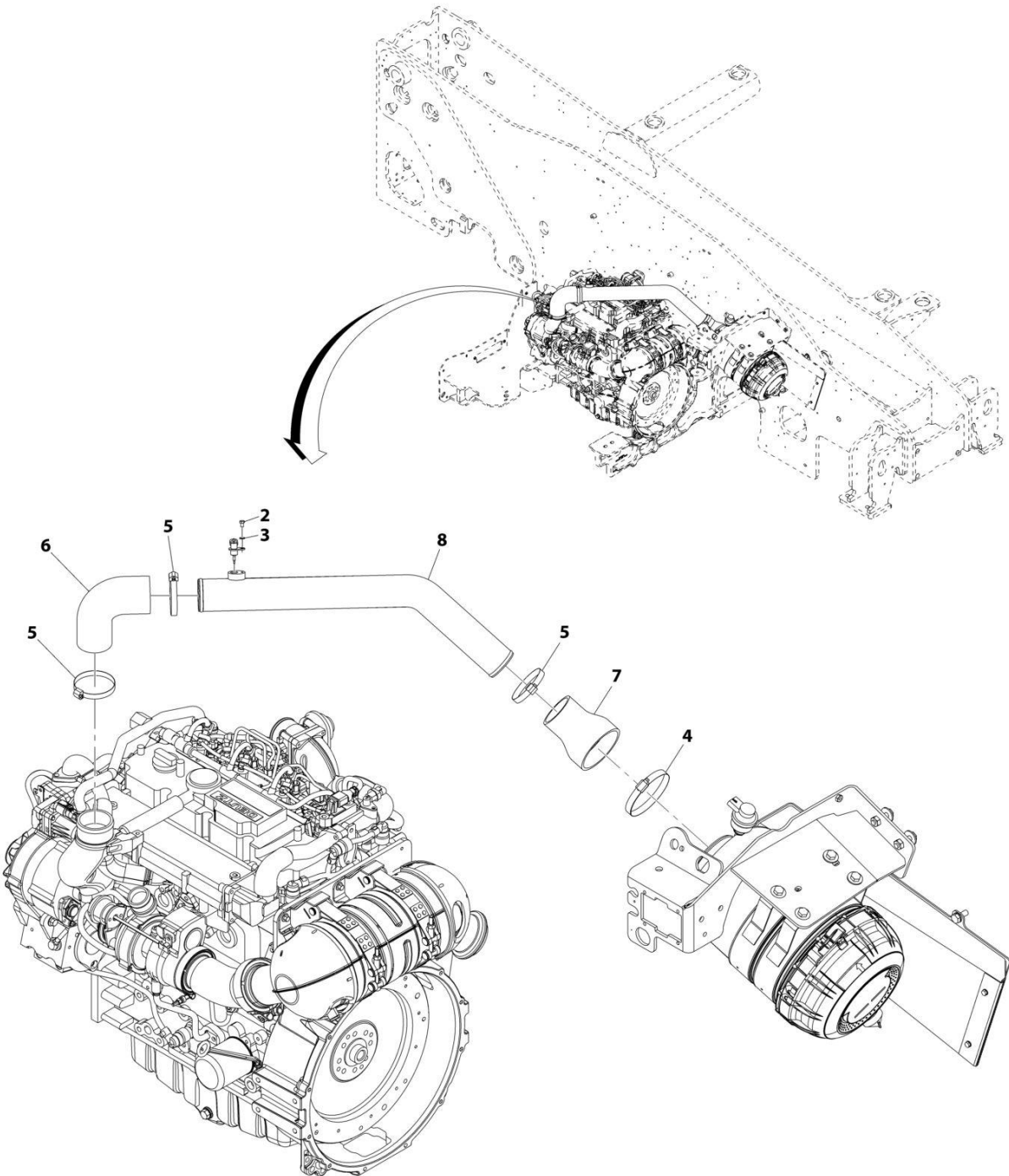
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-17. AIR INTAKE RAIN CAP ACCESSORY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001231732	Ref	Air Intake Rain Cap Accessory	A
	1001231750	1	Accessory, Rain Cap	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-18. AIR INTAKE LINES INSTALLATION (90/100KW - ULS)



ART_1001182037-D

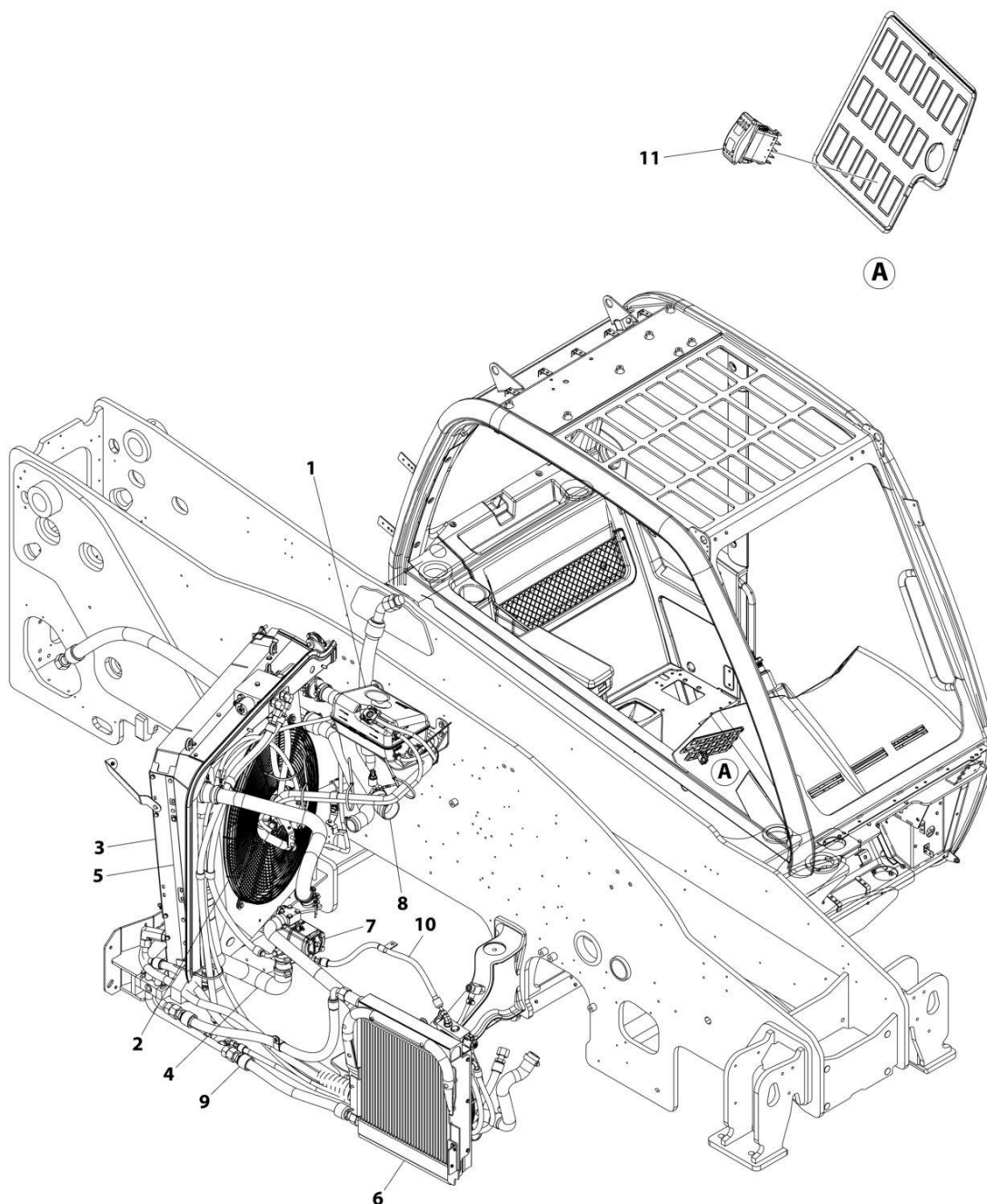
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-18. AIR INTAKE LINES INSTALLATION (90/100KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182037	Ref	Air Intake Lines Installation (90/100KW - ULS)	D
2	0760605	1	Bolt, M6X10	
3	4811700	1	Washer, M6	
4	8405402	1	Clamp	
5	8410011	3	Clamp, Gear	
6	1001182881	1	Hose	
7	1001182885	1	Hose	
8	1001182886	1	Tube	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-19. COOLING PACKAGE INSTALLATION (90KW - ULS)



ART_1001182450

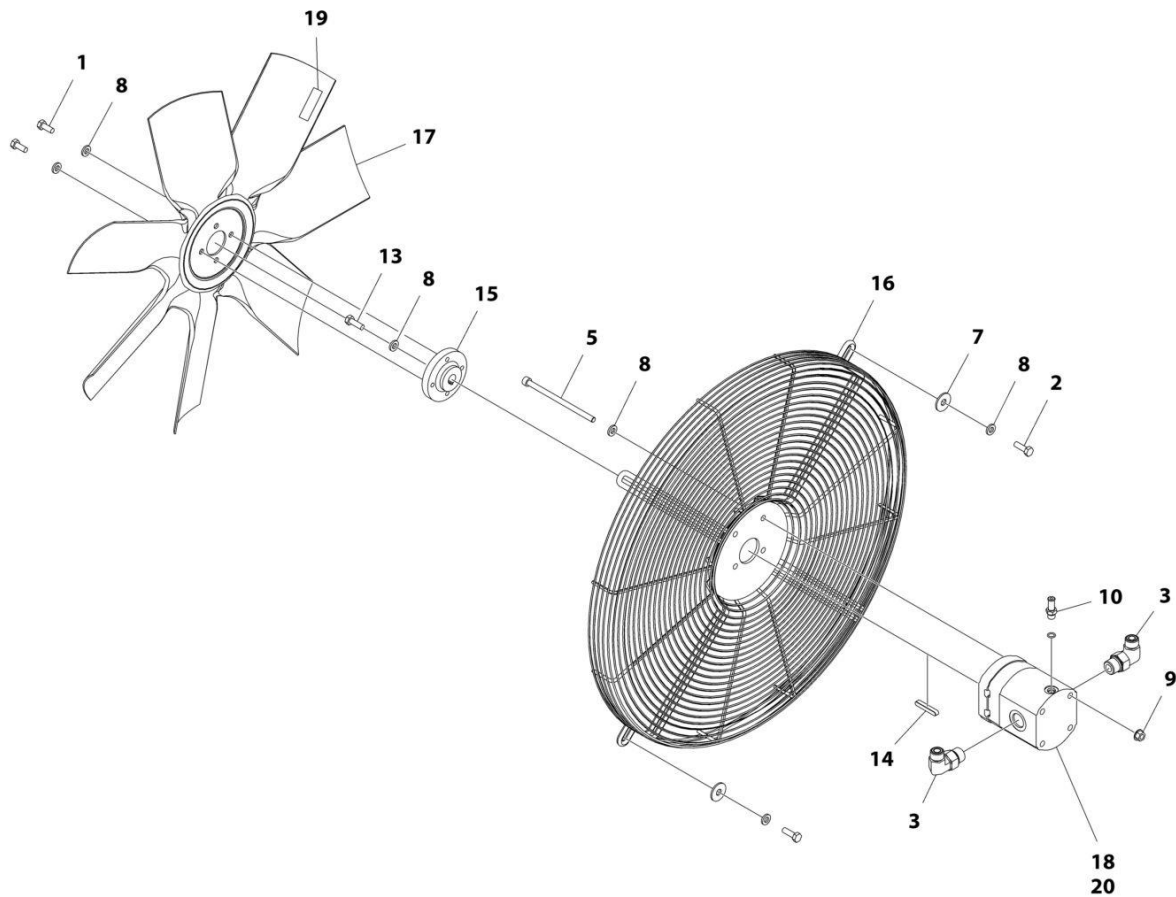
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-19. COOLING PACKAGE INSTALLATION (90KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182450	Ref	COOLING PACKAGE INSTALLATION (90KW - ULS)	H
1	1001179864	Ref	Installation, Surge Tank (See Separate Breakdown in this Section)	
2	1001182112	Ref	Installation, Cooling Fan (See Separate Breakdown in this Section)	
3	1001184062	Ref	Installation, Cooler (90KW) (See Separate Breakdown in this Section)	
4	1001184120	Ref	Installation, Coolant Lines (ULS) (See Separate Breakdown in this Section)	
5	1001184955	Ref	Installation, Bulkhead (See Separate Breakdown in this Section)	
6	1001185337	Ref	Installation, Remote HOC (See Separate Breakdown in this Section)	
7	1001185864	Ref	Installation, Hydraulic Pump (90KW) (See Separate Breakdown in this Section)	
8	1001186849	Ref	Installation, CAC Lines (ULS) (See Separate Breakdown in this Section)	
9	1001183076	Ref	Installation, Cooler Lines (90KW) (See Separate Breakdown in this Section)	
10	1001187276	Ref	Installation, Fan Lines (90KW) (See Separate Breakdown in this Section)	
11	1001145204	1	Switch, Reversing Fan	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-20. COOLING FAN INSTALLATION



ART_1001182112

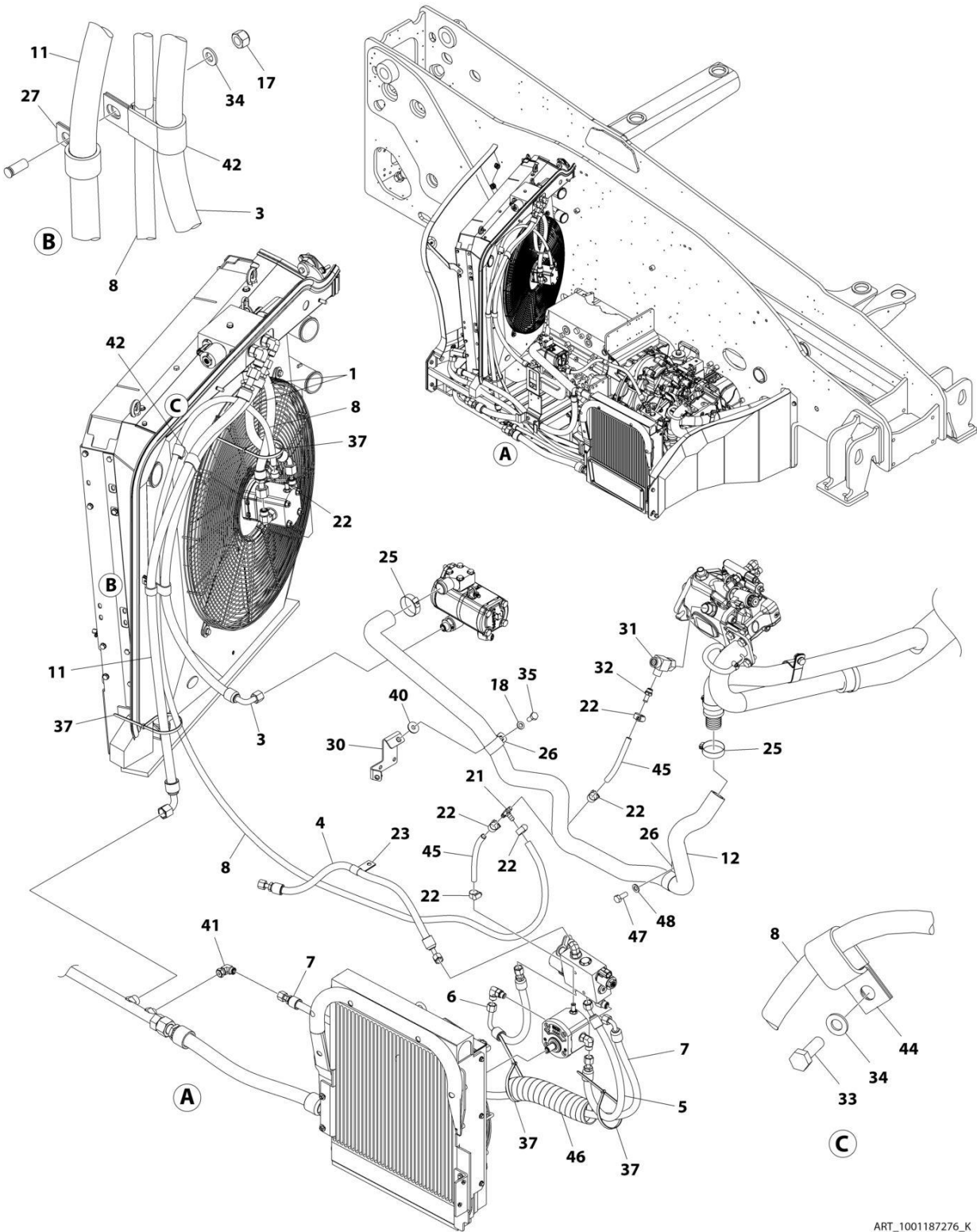
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-20. COOLING FAN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182112	Ref	COOLING FAN INSTALLATION	F
1	0770810	4	Bolt M8 x 20 Grade 10.9	
2	0760812	4	Bolt M8 x 25	
3	2130810	2	Fitting, 90 ORFS	
5	4031927	4	Bolt M8 x 140	
7	4812002	4	Washer M10	
8	5240800	13	Washer M8	
9	5260800	4	Nut M10	
10	1001093401	1	Fitting, Straight ORFS	
13	1001139034	1	Bolt	
14	1001152940	1	Key, Fan Hub	
15	1001191508	1	Adapter, Fan Hub	
16	1001182111	1	Shield, Fan	
17	1001182193	1	Fan, M610	
18	1001182949	1	Motor, Fan Drive (14.53CC) (See Separate Breakdown in this Section)	
19	1001222573	AR	Reflective Tape	
20	1001125466	AR	Compound, Locking	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-21. FAN LINES INSTALLATION (90KW)



ART_1001187276_K

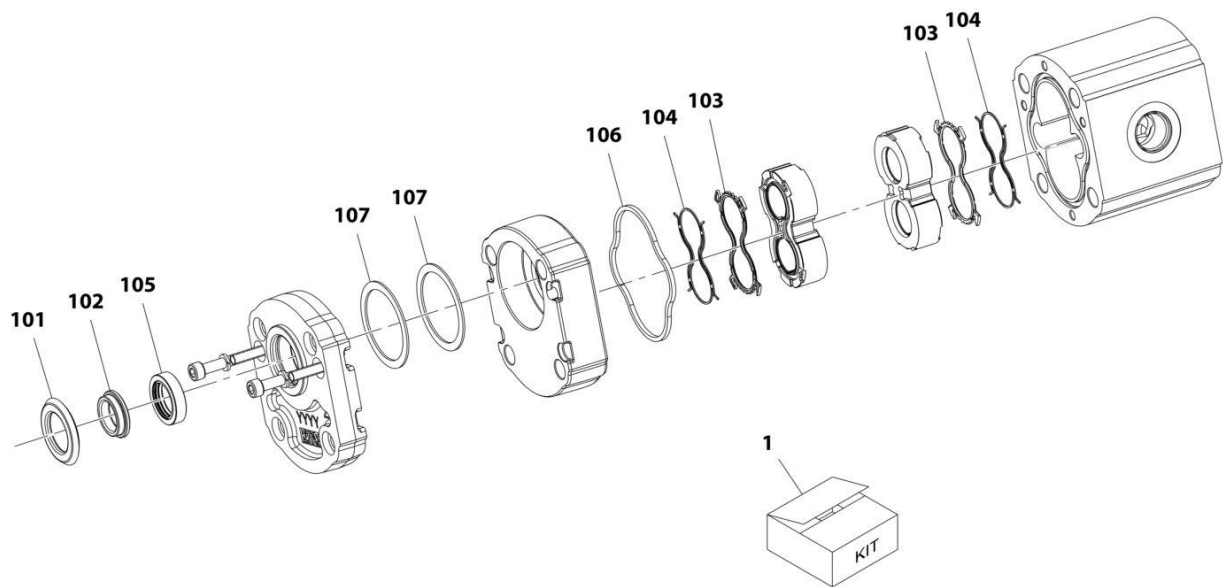
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-21. FAN LINES INSTALLATION (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187276	Ref	FAN LINES INSTALLATION (90KW)	K
1	1001187277	2	Hose	
3	1001203025	1	Hose, ORFS	
4	1001202922	1	Hose, ORFS	
5	1001229063	1	Hose, ORFS	
6	1001229068	1	Hose, ORFS	
7	1001228931	1	Hose, ORFS	
8	1001228929	1	Hose	
11	1001203178	1	Hose, ORFS	
12	1001199403	1	Hose	
17	3290805	1	Nut, Lock M8 x 1.25 Grade 8	
18	4812000	1	Washer M10	
21	1001003934	1	Fitting, Tee Barb	
22	8410013	6	Clamp, Gear	
22	1001152729	6	Clamp, Gear	
23	1001004143	1	Clip	
25	1001008657	2	Clamp, Hose	
26	1320239	2	Clamp, 1-3/4IN	
27	1001009384	1	Clip	
30	1001187712	1	Bracket	
31	1001033120	1	Fitting, Tee ORFS	
32	1001168030	1	Barb, Hose	
33	0760812	1	Bolt M8 x 25	
34	4811900	2	Washer M8	
35	0701012	1	Bolt M10 x 25	
37	1062255	4	Tie-Strap	
40	4812002	1	Washer M10	
41	2172106	1	Fitting, 90 ORFS	
42	1001008720	2	Clip	
44	1001008626	1	Clip	
45	1001228930	2	Hose	
46	1001268889	1	Sleeve, Hose Wrap	
47	0701214	1	Bolt M12 x 30	
48	4812100	1	Washer M12	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-22. FAN DRIVE MOTOR (NO RHOC)



ART_1001182949-B

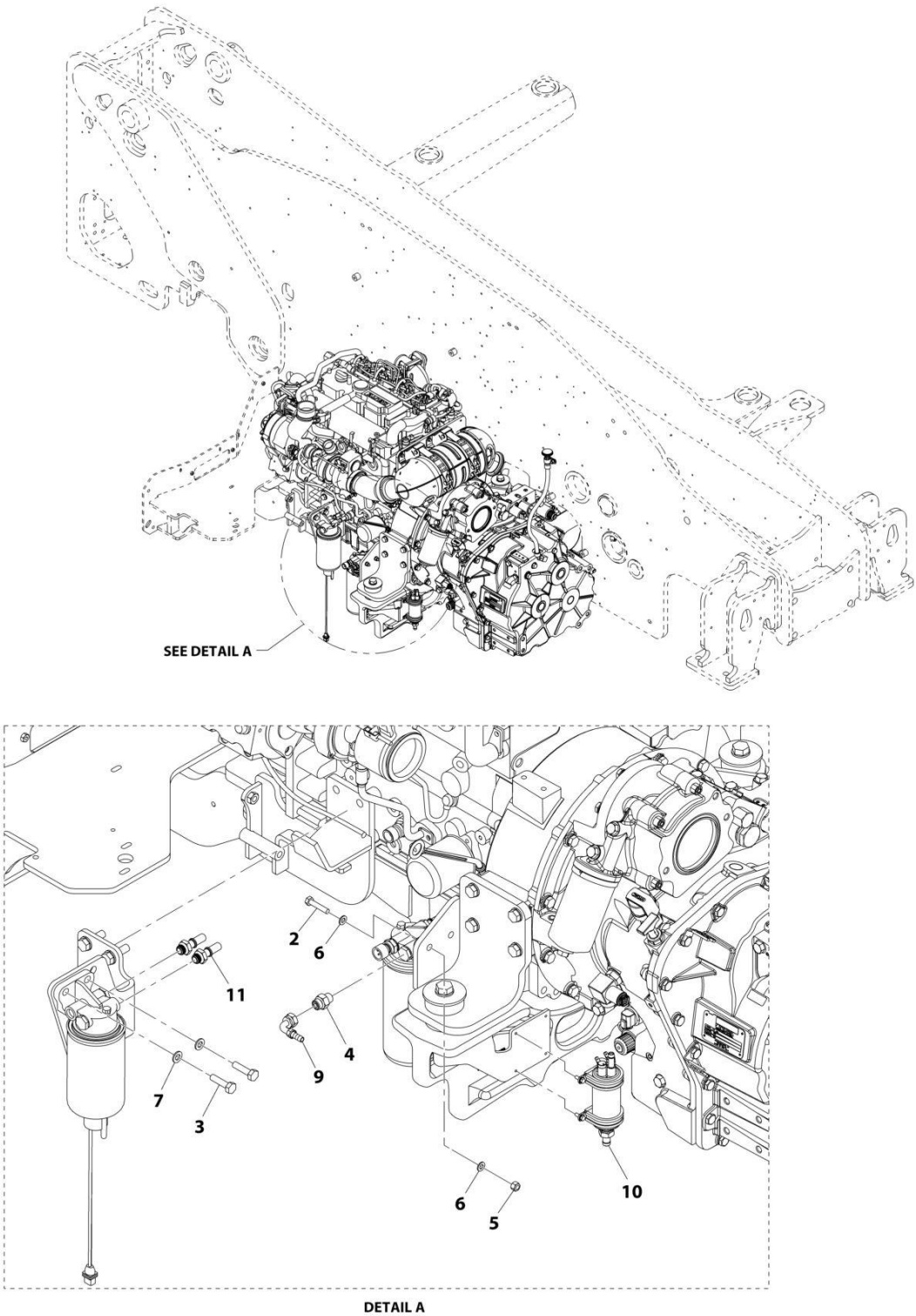
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-22. FAN DRIVE MOTOR (NO RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182949	Ref	Fan Drive Motor (No RHOC)	B
1	70027008	1	Kit, Seal	
101	Kit	1	Seal	
102	Kit	1	Holder Bushing	
103	Kit	2	Seal	
104	Kit	2	Ring, Anti-Extrusion	
105	Kit	1	Seal, Shaft	
106	Kit	1	Seal	
107	Kit	2	Seal	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-23. FUEL FILTER & PUMP INSTALLATION



ART_1001181951-F

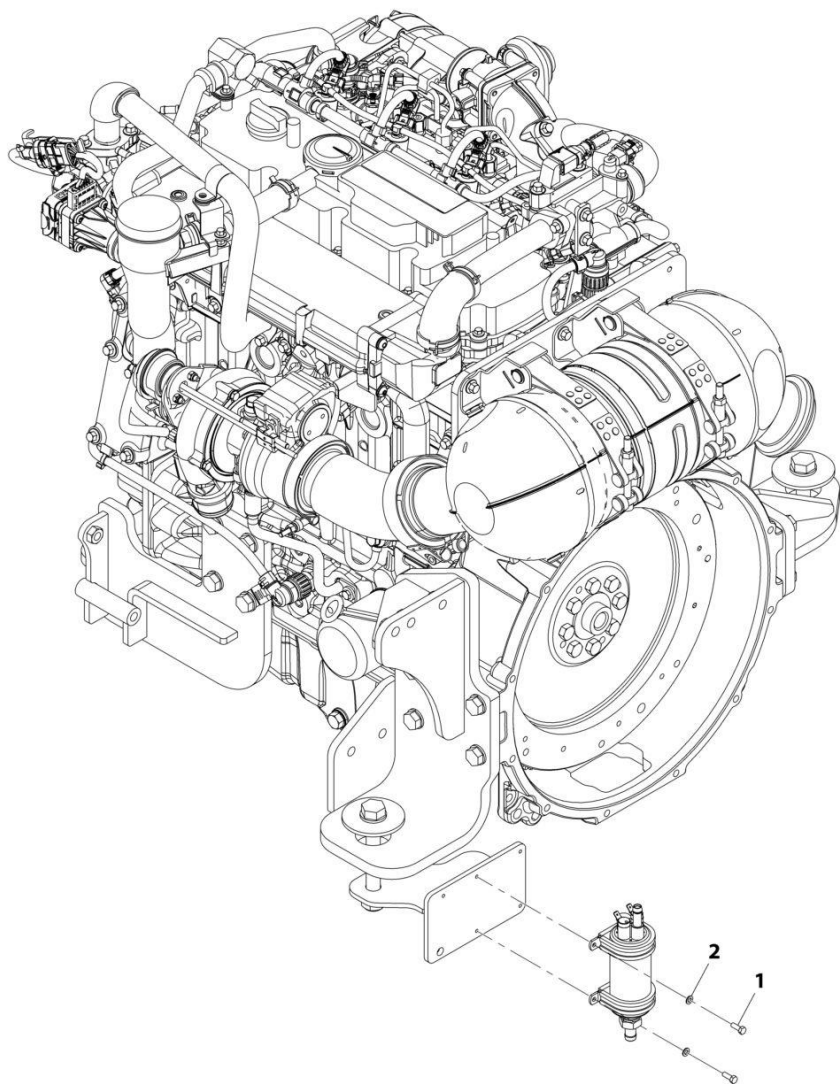
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-23. FUEL FILTER & PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181951	Ref	FUEL FILTER INSTALLATION	F
2	0700816	2	Bolt M8X40	
3	0701016	2	Bolt M10X40	
4	2144606	1	Fitting, Straight ORFS	
5	3290805	2	Nut, Lock M8	
6	4811900	4	Washer M8	
7	4812000	2	Washer M10	
9	1001133793	1	Fitting, 90 ORFS	
10	1001165789	1	Remote Fuel Pump Installation (See Separate Breakdown in this Section)	
11	1001133690	2	Coupling, M16X1.5	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-24. REMOTE FUEL PUMP INSTALLATION (74.4KW)



ART_1001165789-G

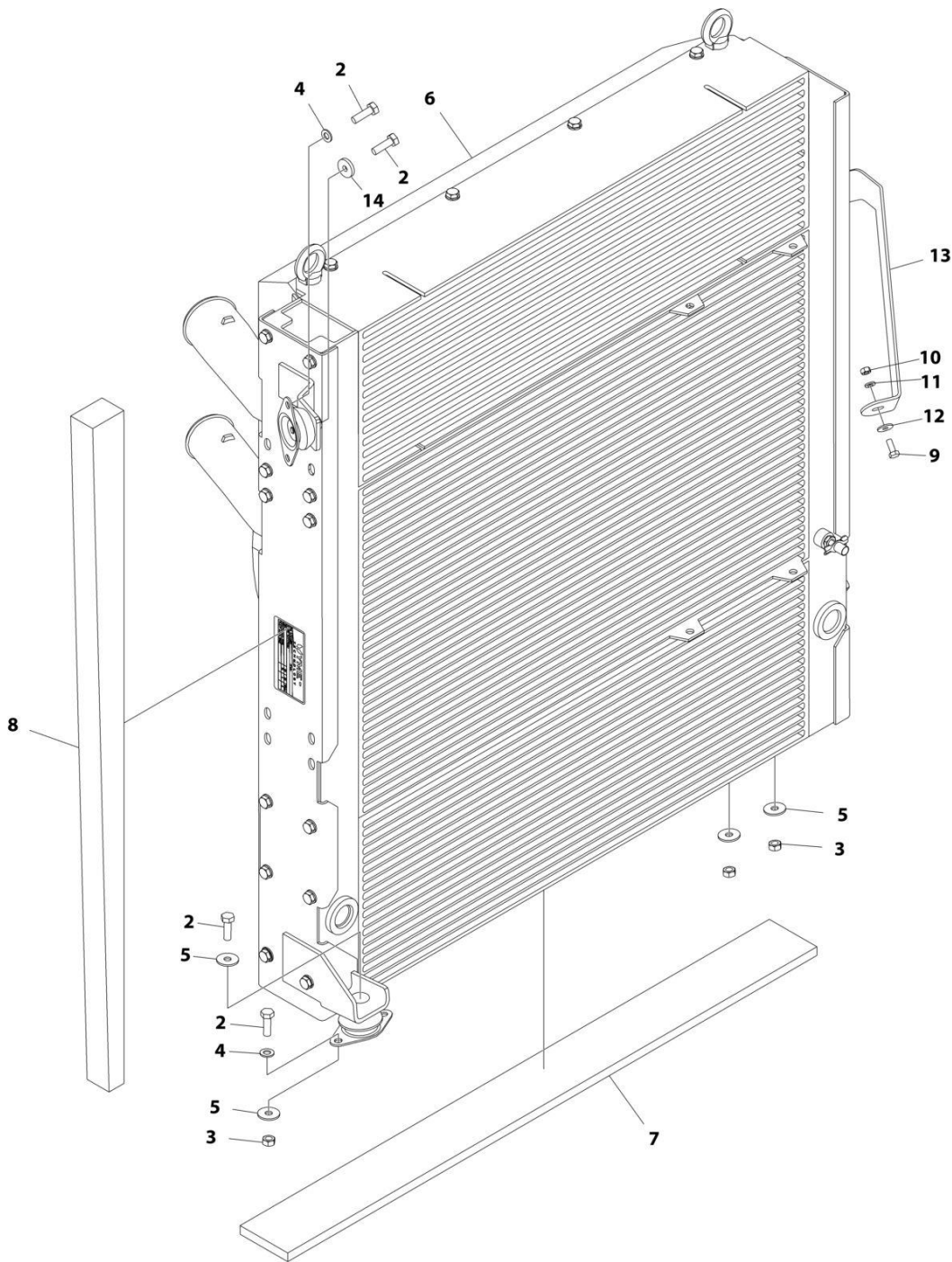
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-24. REMOTE FUEL PUMP INSTALLATION (74.4KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165789	Ref	Remote Fuel Pump Installation (74.4KW)	G
1	0760507	4	Bolt, M5X14	
2	4811600	4	Washer, M5	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-25. COOLER INSTALLATION (90KW)



ART_1001184062

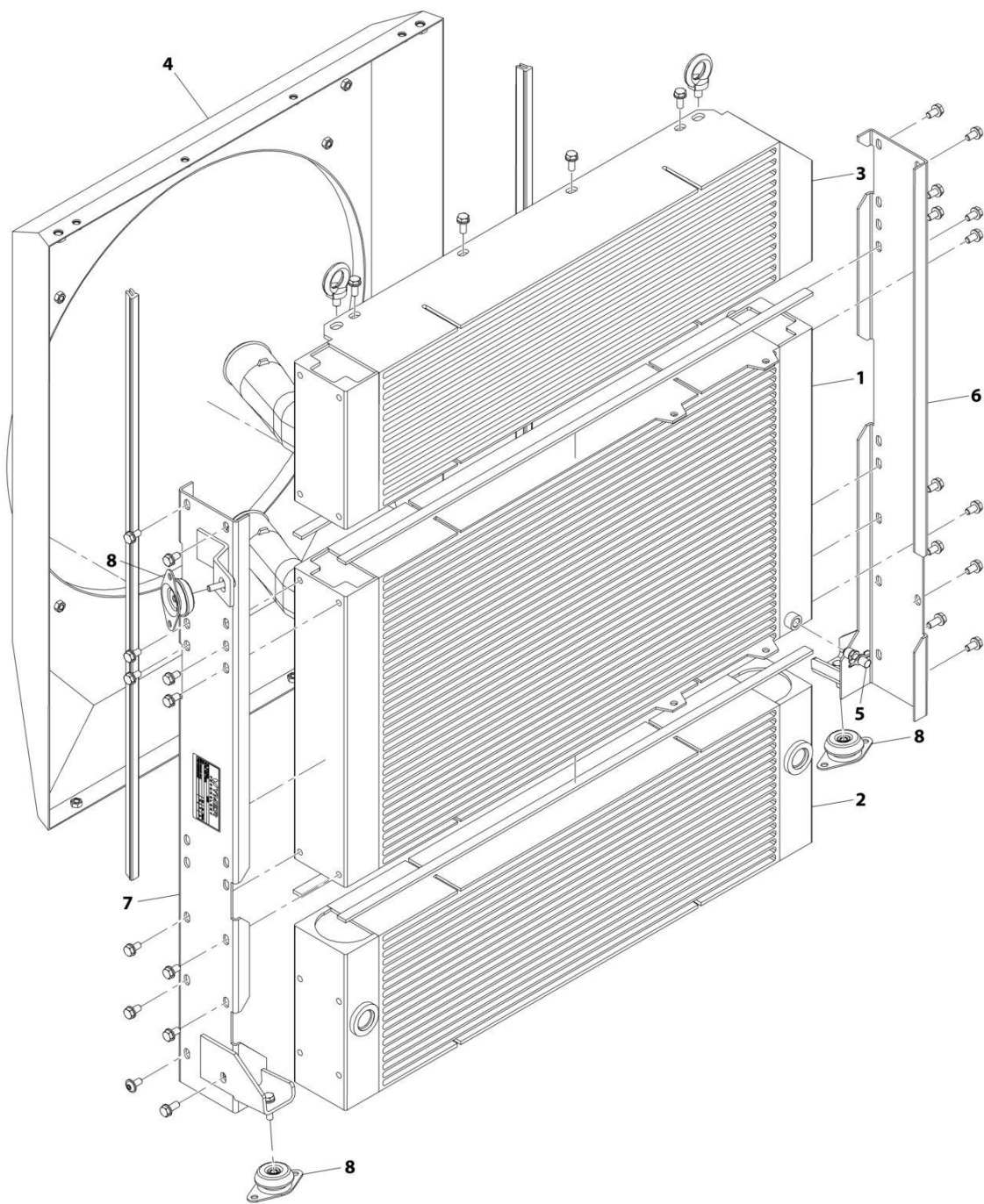
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-25. COOLER INSTALLATION (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184062	Ref	COOLER INSTALLATION (90KW)	E
2	0760812	9	Bolt M8 x 25	
3	3290801	4	Nut M8 x 1.25 Grade 8	
4	4811900	6	Washer M8	
5	4811902	6	Washer M8	
6	1001175320	1	Package, Radiator Cooling (90KW) (See Separate Breakdown in this Section)	
7	1001182994	1	Seal	
8	1001182995	1	Seal	
9	0760608	1	Bolt M6 x 16	
10	3290601	1	Nut M6 x 1 Grade 8	
11	4811700	1	Washer M6	
12	4811702	1	Washer M6	
13	1001202120	1	Plate	
14	4740572	1	Washer M10	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-26. RADIATOR COOLING PACKAGE (90KW)



ART_1001175320-C

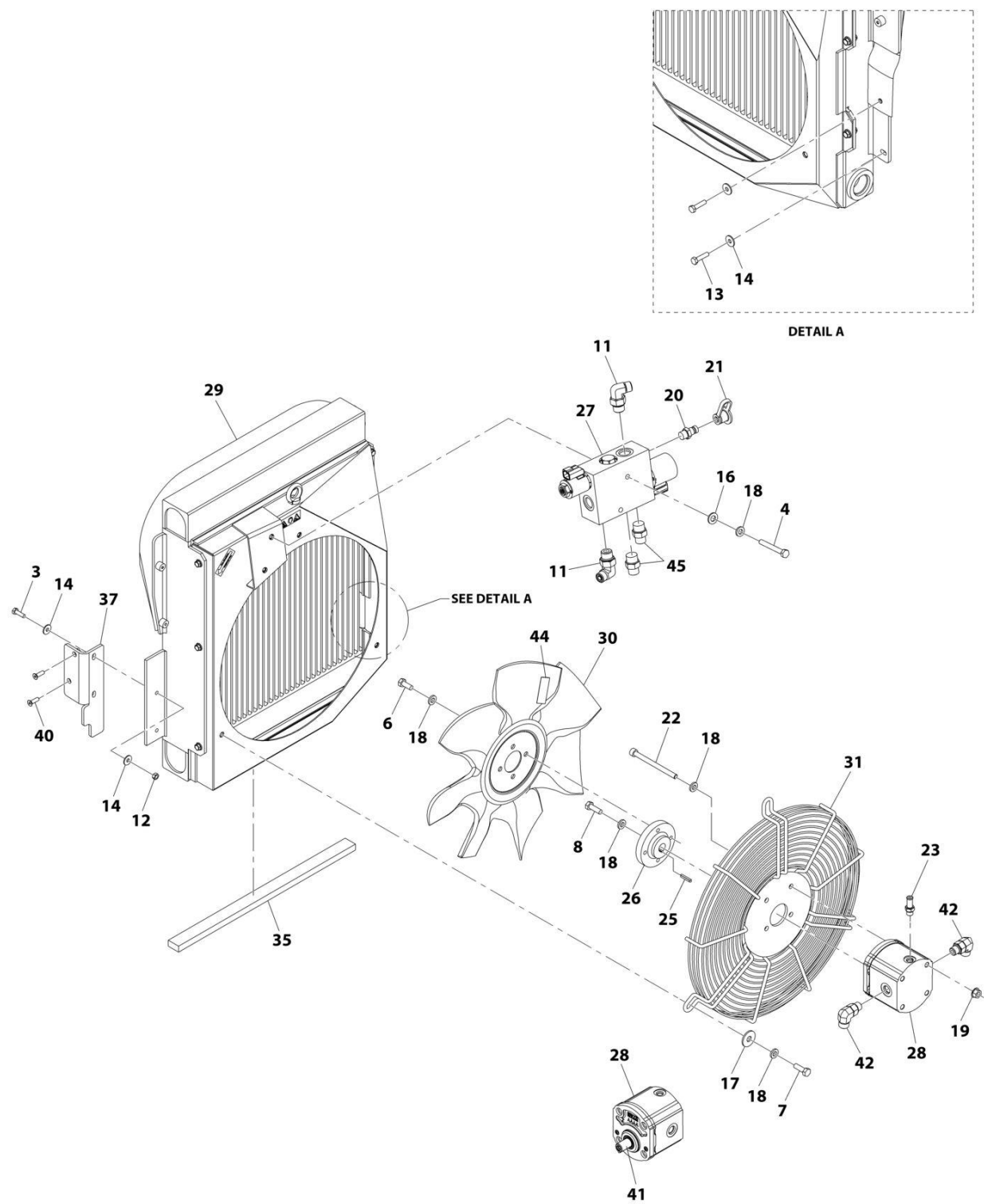
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-26. RADIATOR COOLING PACKAGE (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175320	Ref	Radiator Cooling Package (90KW)	C
1	70027199	1	Cooler, Water	
2	70027200	1	Cooler, Oil	
3	70027201	1	Cooler, Air	
4	70027202	1	Shroud	
5	70025644	1	Valve, Drain	
6	70027203	1	Bracket, Mounting	
7	70027204	1	Bracket, Mounting	
8	1001184609	1	Isolator, Mount	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-27. REMOTE HOC INSTALLATION



ART_1001185337-11

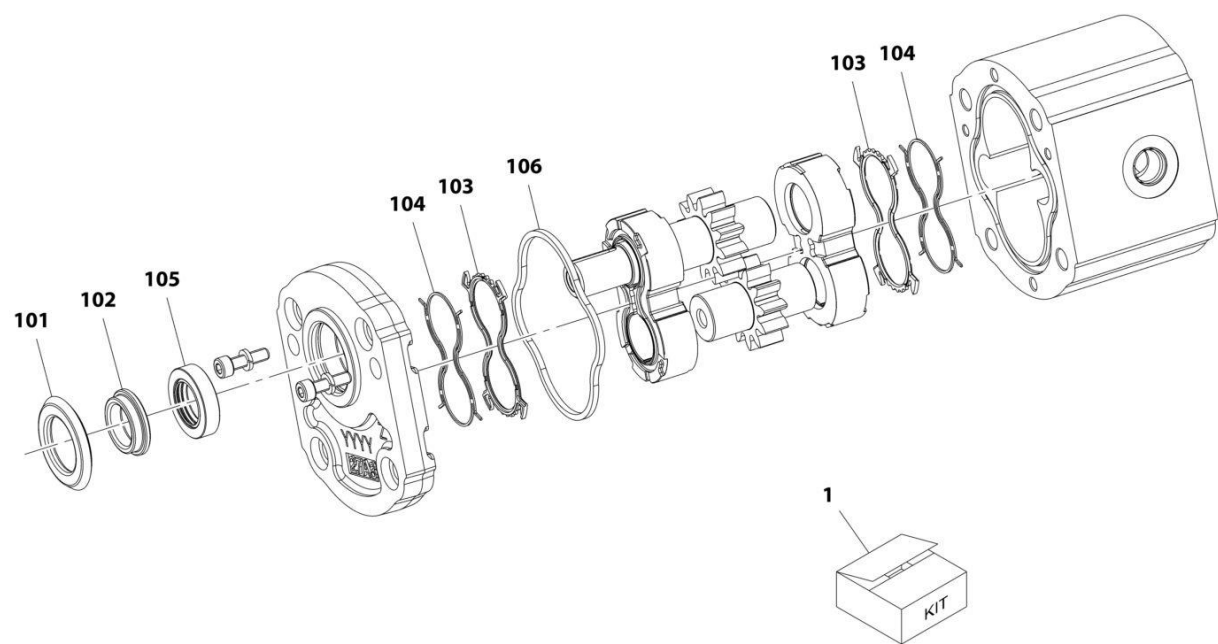
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-27. REMOTE HOC INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185337	Ref	Remote HOC Installation	I
3	0700610	2	Bolt, M6X20	
4	0700821	2	Bolt, M8X65	
6	0770810	4	Bolt, M8X20 Grade 10.9	
7	0760812	3	Bolt, M8X25	
8	1001139034	1	Bolt	
11	2130608	2	Fitting, 90 ORFS	
12	3290601	2	Nut, M6X1 Grade 8	
13	0700612	2	Bolt, M6X25	
14	4811702	6	Washer, M6	
16	4812000	2	Washer, M10	
17	4812002	3	Washer, M10	
18	5240800	14	Washer, M8	
19	5260800	4	Nut, M8	
20	1001003590	1	Fitting, Straight	
21	1001008761	1	Cap, Dust	
22	1001093277	4	Bolt, M8X100	
23	1001093401	1	Fitting, Straight ORFS	
25	1001152940	1	Key, Fan Hub	
26	1001191508	1	Adapter, Fan Hub	
27	1001182213	1	Valve, Fan Motor Control (See Separate Breakdown in Hydraulic Components Section)	
28	1001182950	1	Motor, Fan Drive (7.29CC) (See Separate Breakdown in this Section)	
29	1001183956	1	Cooler, Oil	
30	1001185210	1	Fan	
31	1001185282	1	Shield, Fan	
35	1001219810	1	Seal	
37	1001197430	1	Bracket	
40	0630576	2	Screw, M6X20	
41	1001125466	AR	Compound, Locking	
42	2130606	2	Fitting, 90 ORFS	
44	1001222573	AR	Reflective Tape	
45	2110608	2	Fitting, Straight ORFS	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-28. FAN DRIVE MOTOR (RHOC)



ART_1001182950-B

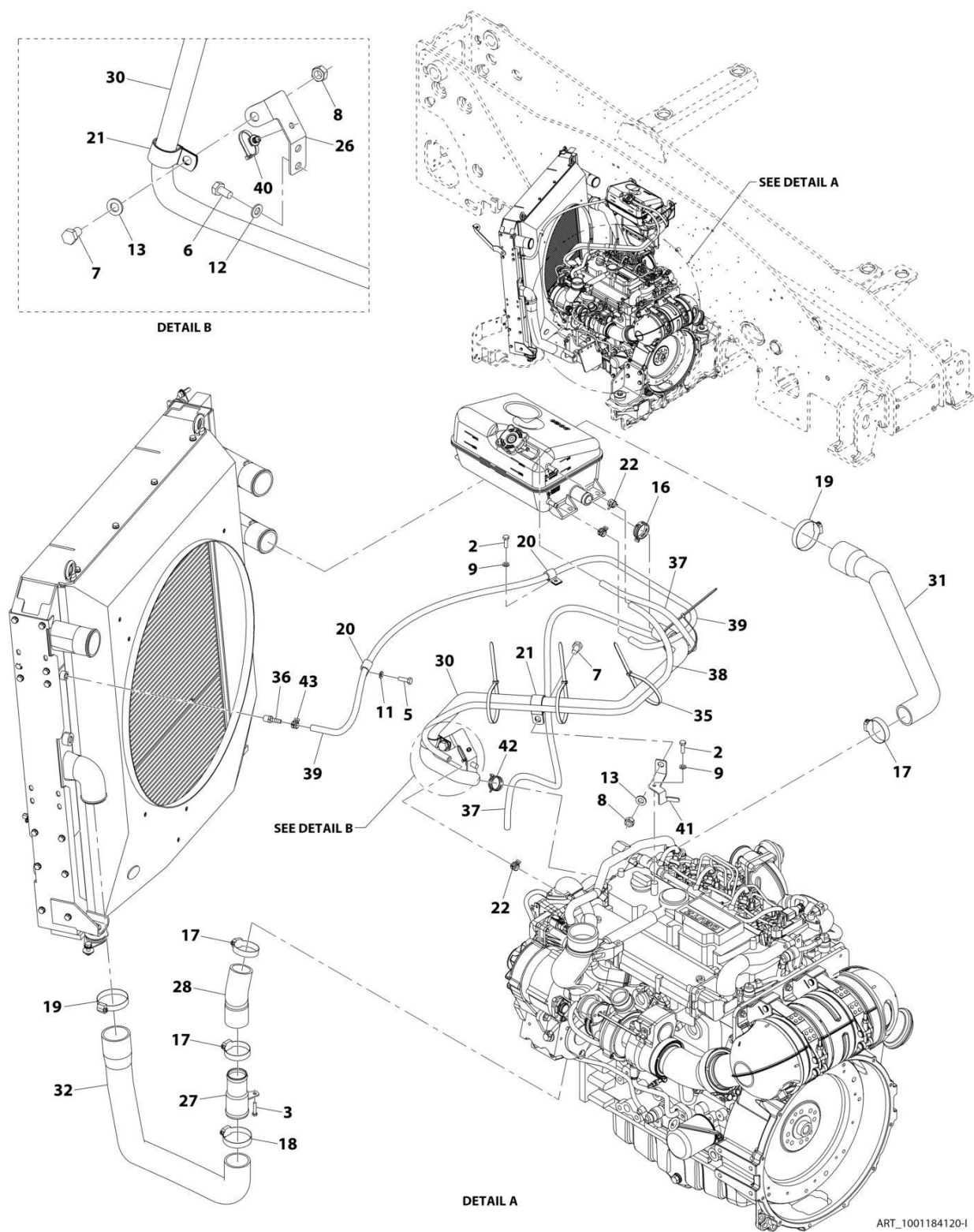
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-28. FAN DRIVE MOTOR (RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182950	Ref	Fan Drive Motor (RHOC)	B
1	70027037	1	Kit, Seal	
101	N.S.S.	1	Seal, Axial	
102	N.S.S.	1	Bush Holder	
103	N.S.S.	2	Seal	
104	N.S.S.	2	Ring	
105	N.S.S.	1	Seal	
106	N.S.S.	1	Seal	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-29. COOLANT LINES INSTALLATION (ULS)



ART_1001184120-1

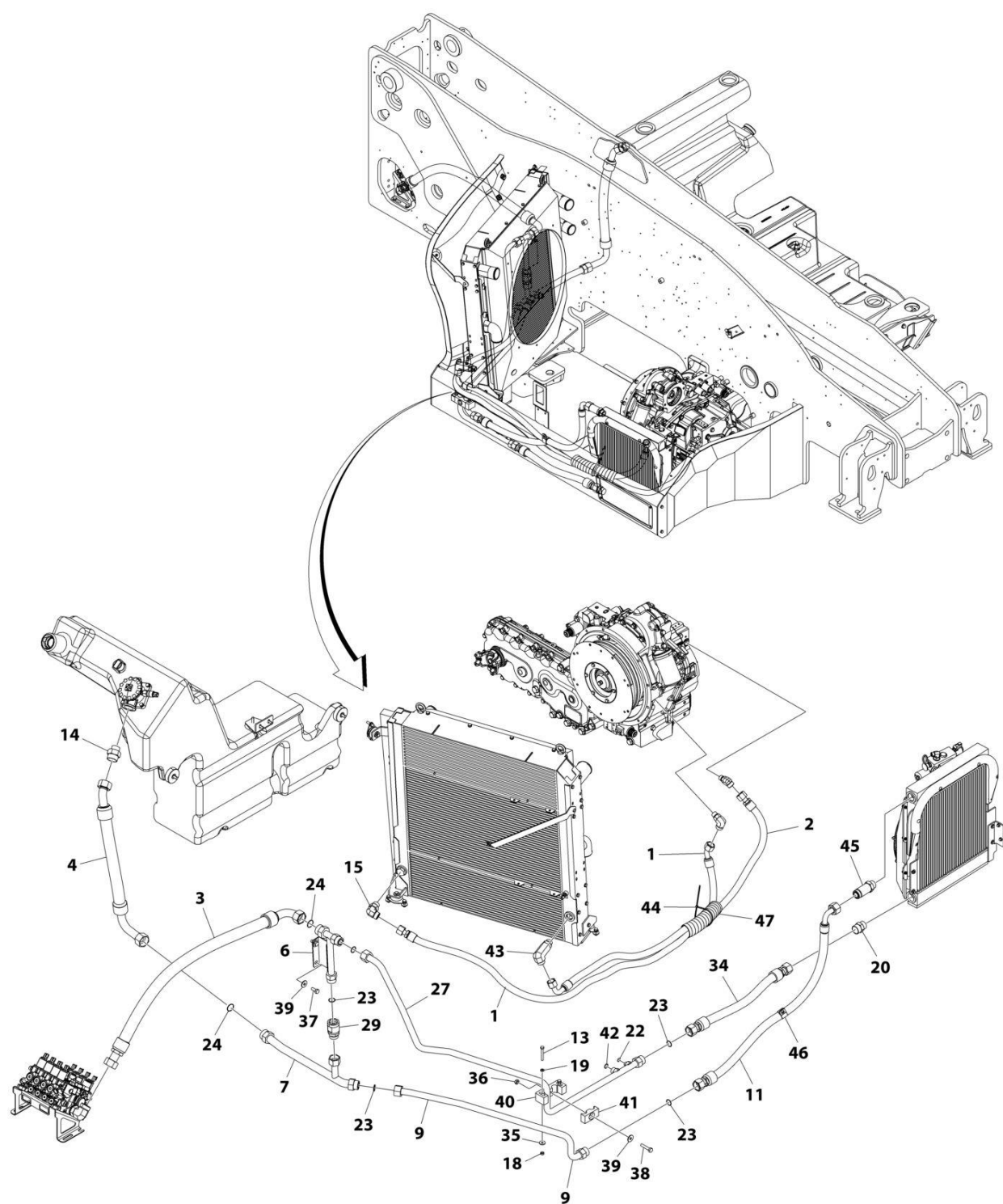
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-29. COOLANT LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184120	Ref	Coolant Lines Installation (ULS)	I
2	0700610	2	Bolt, M6X20	
3	0700614	1	Bolt, M6X30	
5	0760812	1	Bolt, M8X25	
6	0761010	2	Bolt, M10X20	
7	0761210	2	Bolt, M12X20	
8	3291201	2	Nut, M12X1.75 Grade 8	
9	4811700	2	Washer, M6	
11	4811900	1	Washer, M8	
12	4812000	2	Washer, M10	
13	4812100	2	Washer, M12	
16	1001212949	1	Clamp	
17	8405104	3	Clamp	
18	8405201	1	Clamp	
19	8405202	2	Clamp, Gear	
20	1001008580	2	Clip	
21	8406302	2	Clamp, Hose	
22	1001195443	3	Clamp	
26	1001168727	1	Bracket	
27	1001189884	1	Pipe	
28	1001217333	1	Hose	
30	1001184099	1	Hose	
31	1001184129	1	Hose	
32	1001184128	1	Hose	
35	1062255	AR	Strap, Tie	
36	8420231	1	Adapter	
37	1001203009	1	Hose	
38	1001203027	1	Hose	
39	1001203028	1	Hose	
40	1001146588	1	Strap	
41	1001205551	1	Bracket	
42	1001212948	1	Clamp	
43	1001140296	1	Clamp	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-30. COOLER LINES INSTALLATION (90KW)



ART_1001183076_G

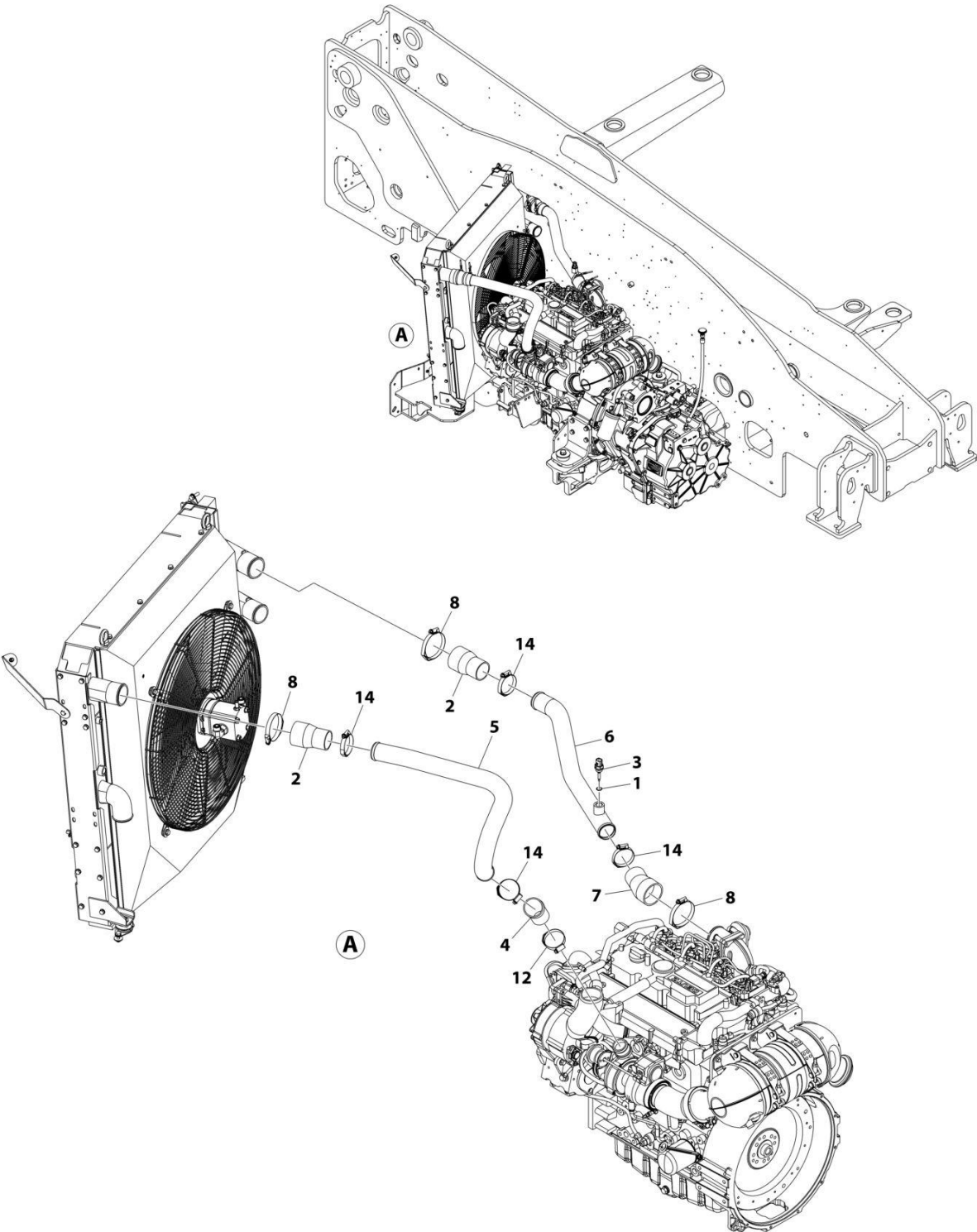
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-30. COOLER LINES INSTALLATION (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183076	Ref	COOLER LINES INSTALLATION (90KW)	G
1	1001203173	1	Hose, ORFS	
2	1001229093	1	Hose, ORFS	
3	1001202249	1	Hose, ORFS	
4	1001203039	1	Hose, ORFS	
6	1001202445	1	Pipe, ORFS	
7	1001203014	1	Pipe, ORFS	
9	1001202329	1	Pipe, ORFS	
11	1001265061	1	Hose, ORFS	
13	0700820	2	Bolt, M8X60	
14	2112016	1	Fitting, Straight ORFS	
15	2131212	1	Fitting, 90 ORFS	
18	3290801	2	Nut, M8X1.25 Grade 8	
19	4811900	2	Washer, M8	
20	2111616	1	Fitting, Straight ORFS	
22	1001008804	1	Seal	
23	1001010240	5	Seal, O-Ring ORFS	
24	1001010938	2	Seal, O-Ring ORFS	
27	1001202328	1	Pipe, ORFS	
29	1001185871	1	Check, Valve ORFS	
34	1001202376	1	Hose, ORFS	
35	4811902	2	Washer, M8	
36	3291001	1	Nut, M10X1.5 Grade 8	
37	0701012	2	Bolt, M10X25	
38	0701018	1	Bolt, M10X50	
39	4812002	3	Washer, M10	
40	1001202653	1	Clamp, Pipes Female	
41	1001202654	1	Clamp, Pipes Male	
42	1001008922	1	Seal	
43	2170212	1	Fitting, 90 ORFS	
44	1062255	1	Strap, Tie	
45	2170116	1	Fitting, Straight ORFS	
46	8406302	1	Clamp	
47	1001268889	1	Sleeve, Hose Wrap	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-31. CAC LINES INSTALLATION (ULS)



ART_1001186849_G

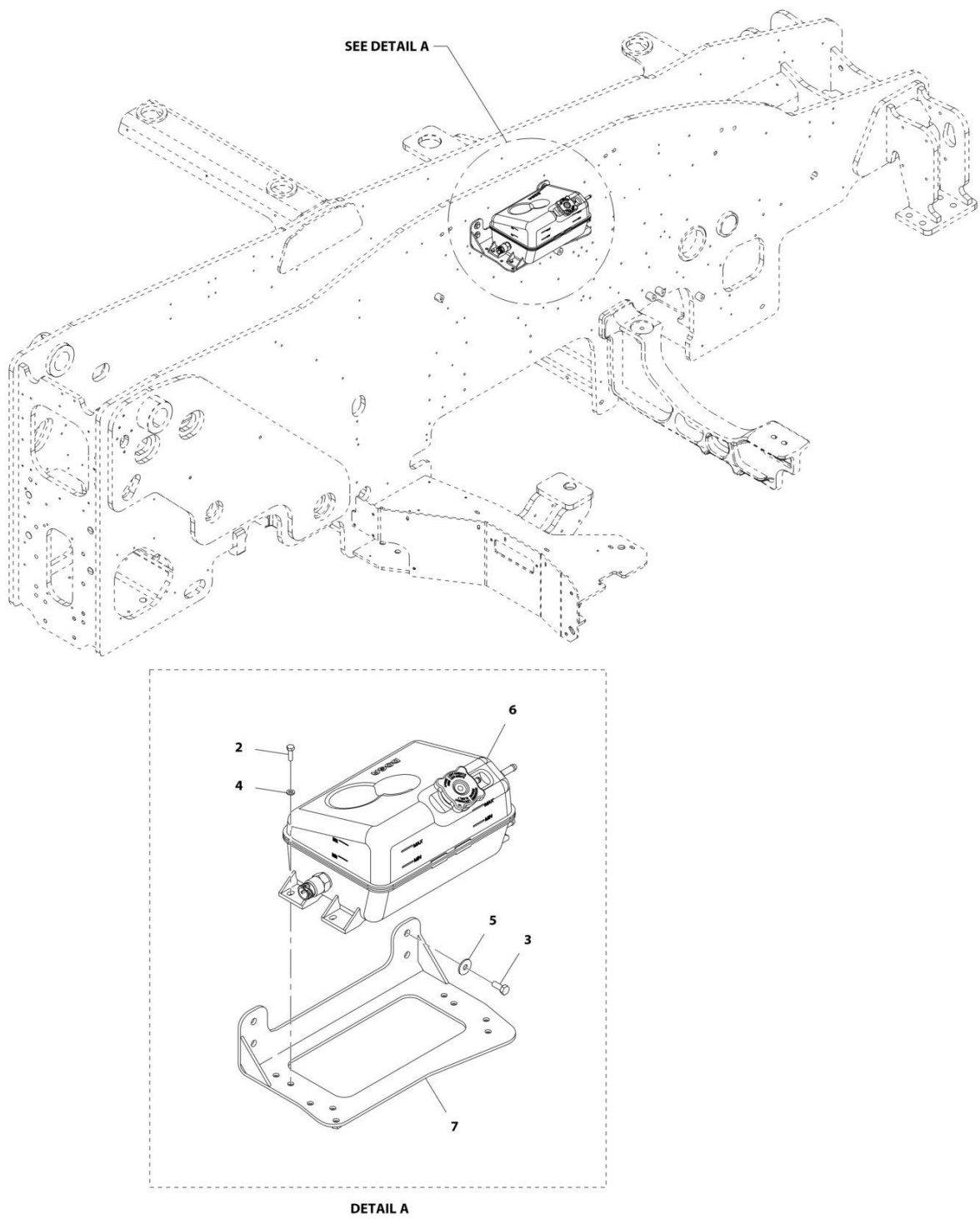
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-31. CAC LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186849	Ref	CAC LINES INSTALLATION (ULS)	G
1	1001009163	1	O-Ring	
2	1001226096	2	Coupling, Reducer	
3	1001128478	1	Sensor, Temperature	
4	1001197653	1	Coupling, Reducer	
5	1001197641	1	Pipe	
6	1001197638	1	Pipe	
7	1001197654	1	Coupling, Reducer	
8	1001215022	3	Clamp	
12	1001215024	1	Clamp	
14	1001215023	4	Clamp	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-32. SURGE TANK INSTALLATION



ART_1001179864-C

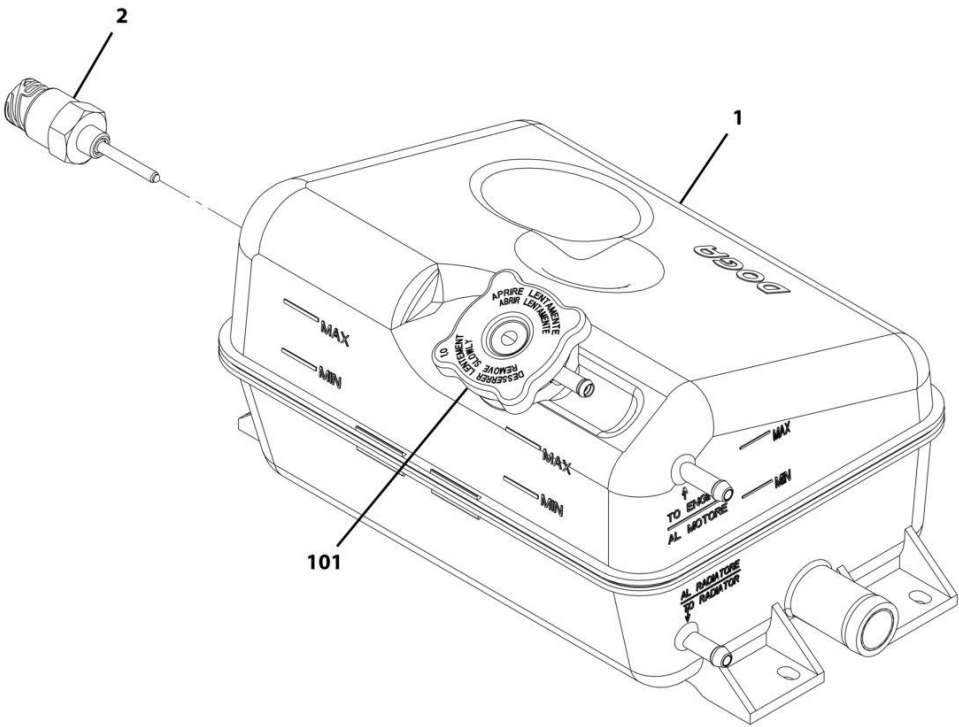
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-32. SURGE TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179864	Ref	Surge Tank Installation	C
2	0700610	4	Bolt, M6X20	
3	0760810	4	Bolt, M8X20	
4	4811700	4	Washer, M6	
5	4811902	4	Washer, M8	
6	1001149375	1	Tank, Expansion (See Separate Breakdown in this Section)	
7	1001188407	1	Bracket	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-33. TANK EXPANSION



ART_1001149375-B

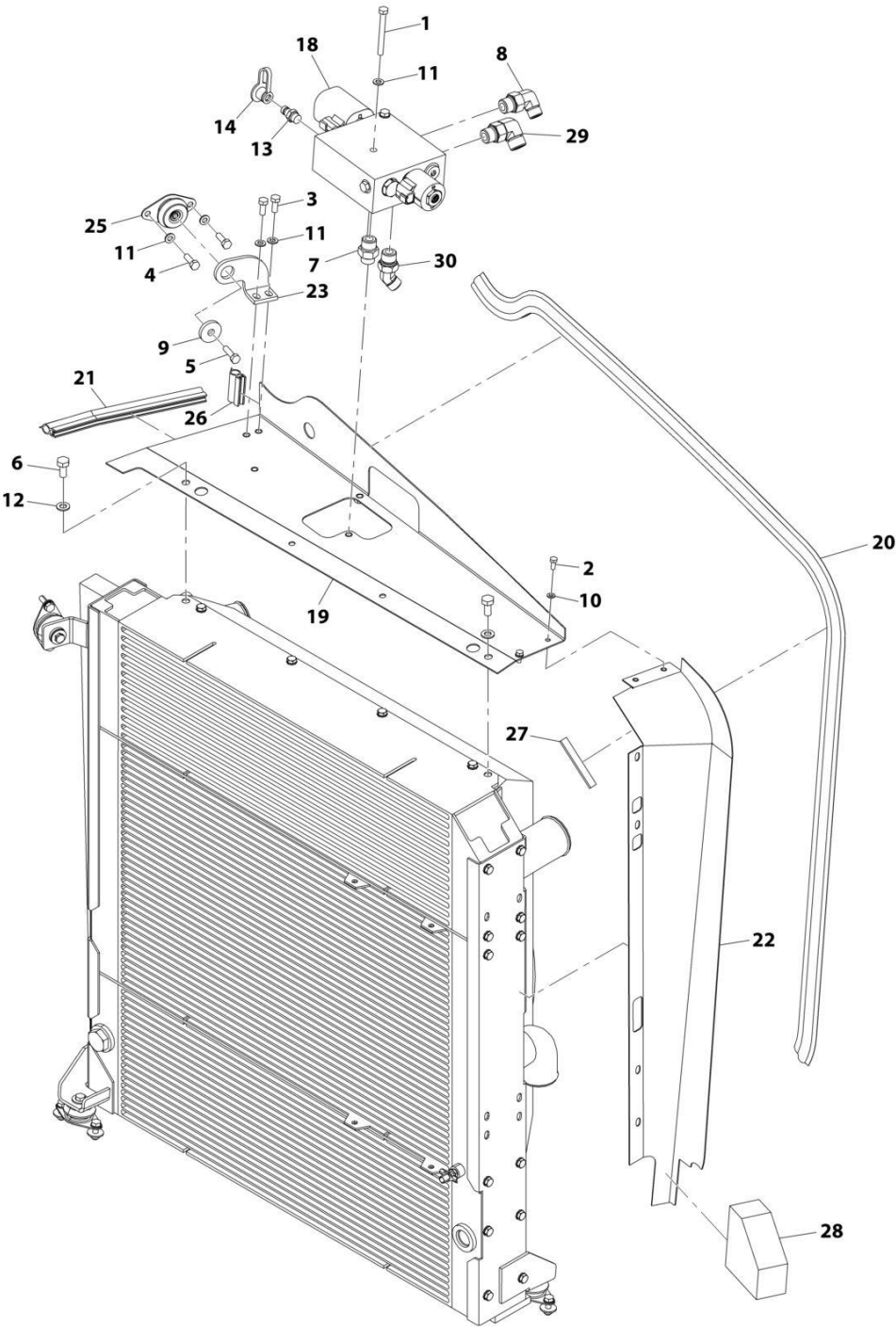
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-33. TANK EXPANSION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149375	Ref	EXPANSION TANK	B
1	1001149308	1	Tank, Expansion	
2	1001149376	1	Sensor, Coolant Level	
101	70026997	1	Cap	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-34. BULKHEAD INSTALLATION



ART_1001184955-H

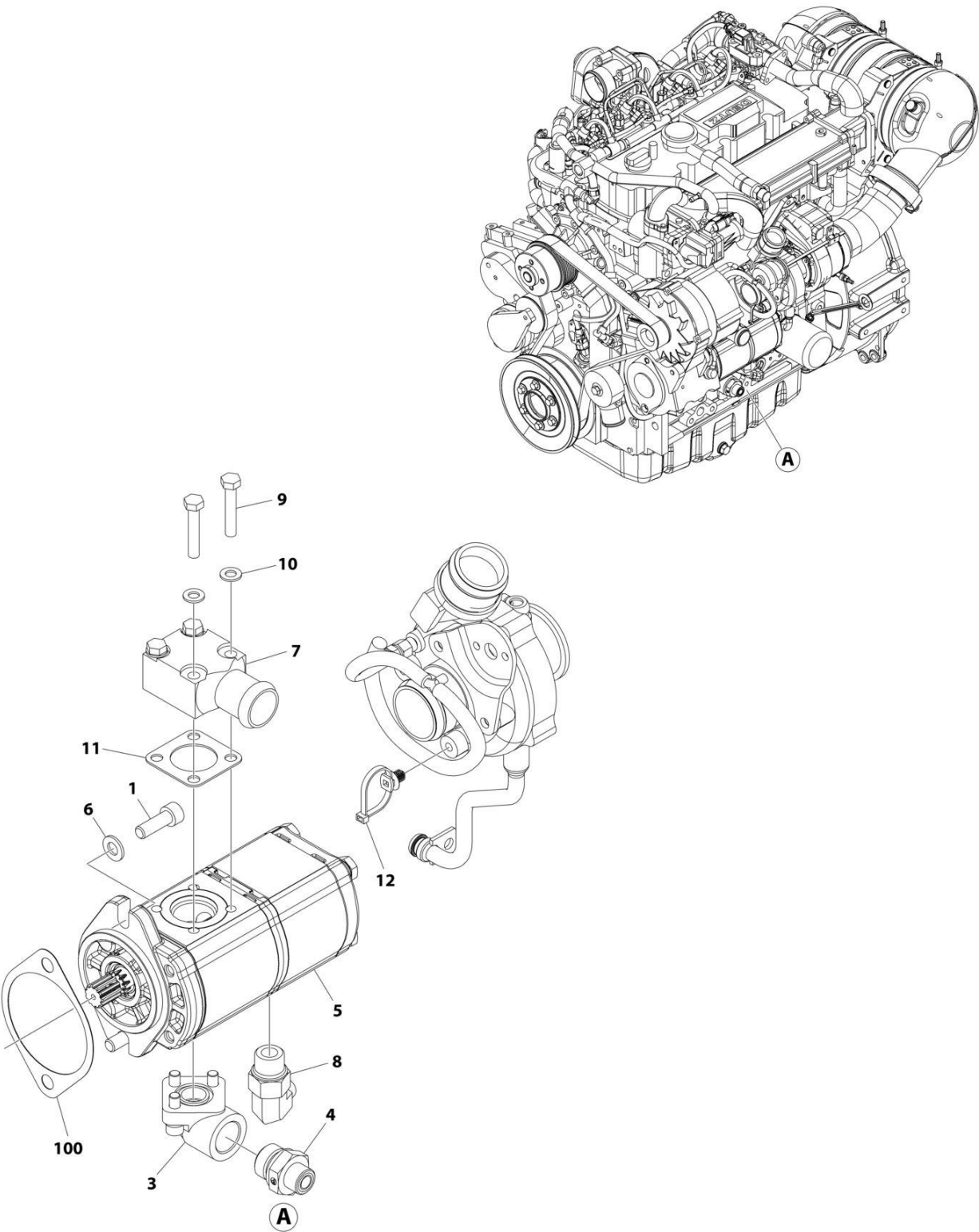
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-34. BULKHEAD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184955	Ref	Bulkhead Installation	H
1	0700823	2	Bolt, M8X75	
2	0760607	2	Bolt, M6X14	
3	0760810	2	Bolt, M8X20	
4	0760812	2	Bolt, M8X25	
5	0760814	1	Bolt, M8X30	
6	0761011	2	Bolt, M10X22	
7	2110810	1	Fitting, Straight ORFS	
8	2130810	1	Fitting, 90 ORFS	
9	4740572	1	Washer, M10	
10	4811700	2	Washer, M6	
11	4811900	6	Washer, M8	
12	4812000	2	Washer, M10	
13	1001003590	1	Fitting, Straight	
14	1001008761	1	Cap	
18	1001200908	1	Valve, Fan Motor Control	
19	1001230411	1	Panel	
20	1001182452	1	Seal	
21	1001182453	1	Seal	
22	1001183958	1	Panel	
23	1001184445	1	Bracket	
25	1001184609	1	Mount	
26	1001184800	1	Seal	
27	1001216867	1	Seal, Bulkhead	
28	1001186370	1	Seal	
29	2131010	1	Fitting, 90 ORFS	
30	2150810	1	Fitting, 45 ORFS	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-35. HYDRAULIC PUMP INSTALLATION (90KW)



ART_1001185864-G

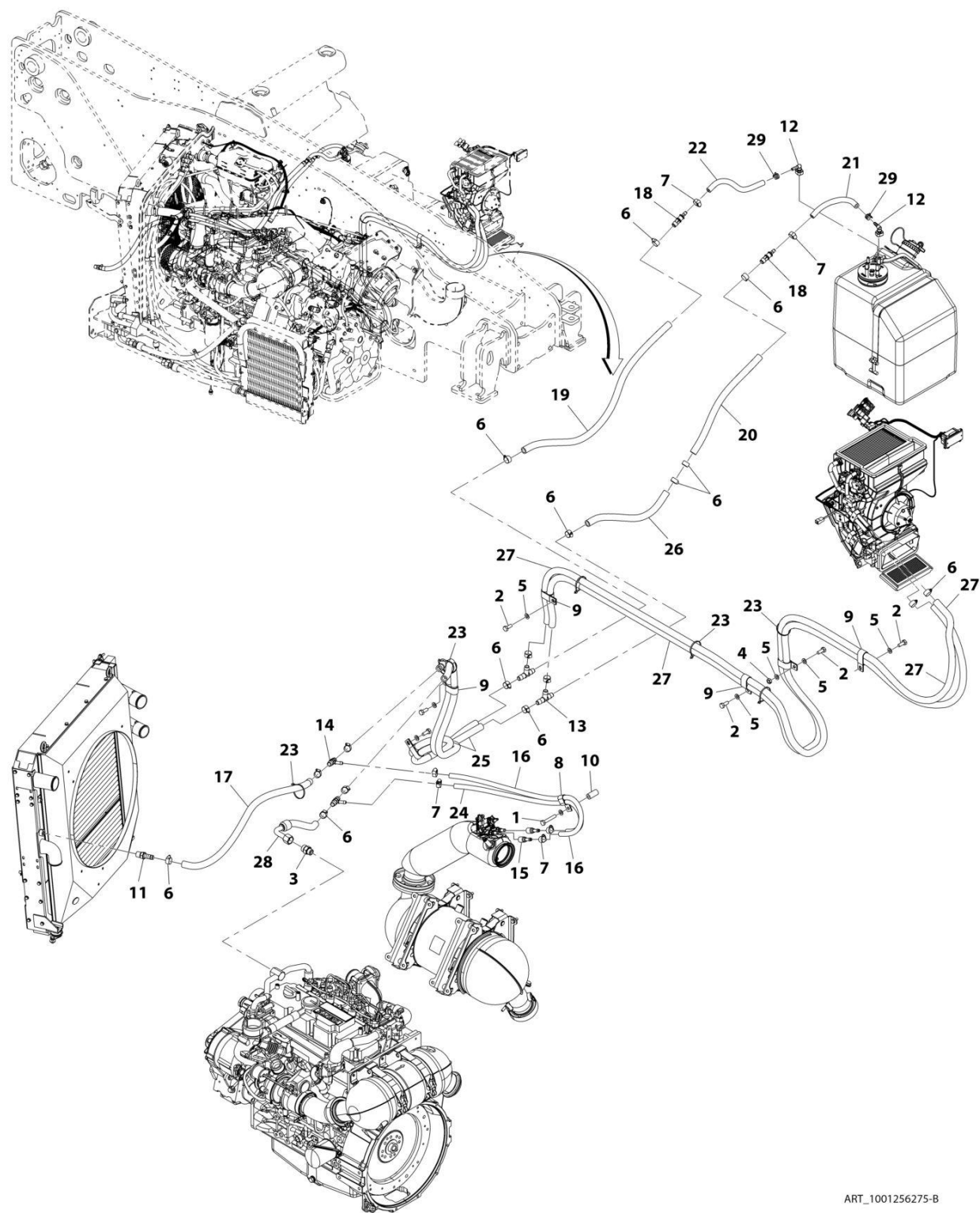
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-35. HYDRAULIC PUMP INSTALLATION (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185864	Ref	Hydraulic Pump Installation (90KW)	G
1	4032010	2	Bolt, M10X30	
3	1001135245	1	Elbow, Adapter	
4	1001192411	1	Fitting, Straight ORFS	
5	1001182935	1	Pump	
6	4812000	2	Washer, M10	
7	1001202643	1	Fitting	
8	2130610	1	Fitting, 90 ORFS	
9	0700817	4	Bolt, M8X45	
10	4811900	4	Washer, M8	
11	1001203012	1	Seal	
12	1001146588	1	Strap	
100	70024965	1	Gasket, Fan Pump (Supplied with Engine)	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-36. HEATER LINES INSTALLATION (ULS)



ART_1001256275-B

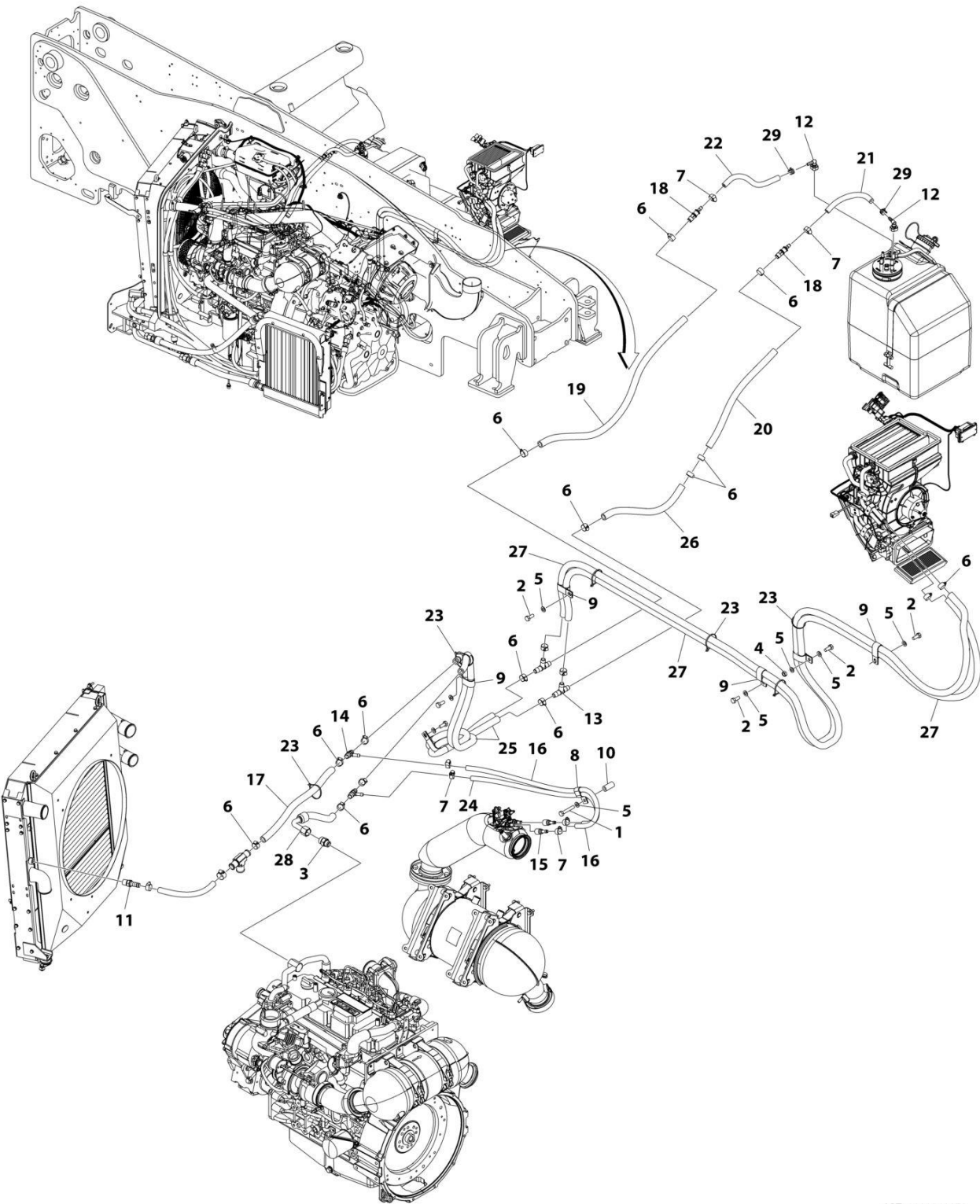
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-36. HEATER LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256275	Ref	Heater Lines Installation (ULS)	B
1	0701020	1	Bolt, M10X60	
2	0761012	6	Bolt, M10X25	
3	1001202921	1	Fitting, Straight ORFS	
4	3291001	1	Nut, M10X1.5	
5	4812000	8	Washer, M10	
6	8410009	17	Clamp, Gear	
7	8410013	6	Clamp, Gear	
8	1001008573	1	Clip	
9	1001008720	6	Clip	
10	1001092122	1	Spacer	
11	1001104685	1	Fitting, Barbed	
12	1001155823	2	Coupling, 90 Deg Quick Connect	
13	1001183125	2	Fitting, Tee	
14	1001183149	2	Fitting, Tee	
15	1001183357	2	Fitting, Straight	
16	1001202474	1	Hose	
17	1001202476	1	Hose	
18	1001238470	2	Adapter	
19	1001256381	1	Hose	
20	1001256382	1	Hose	
21	1001256383	1	Hose	
22	1001256384	1	Hose	
23	1001008559	8	Strap	
24	1001202473	1	Hose	
25	1001202477	2	Hose	
26	1001202478	1	Hose	
27	1001202480	2	Hose	
28	1001212956	1	Hose	
29	1001254357	2	Clamp	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-37. HEATER LINES WITH BLOCK HEATER INSTALLATION (ULS)



ART_1001260973

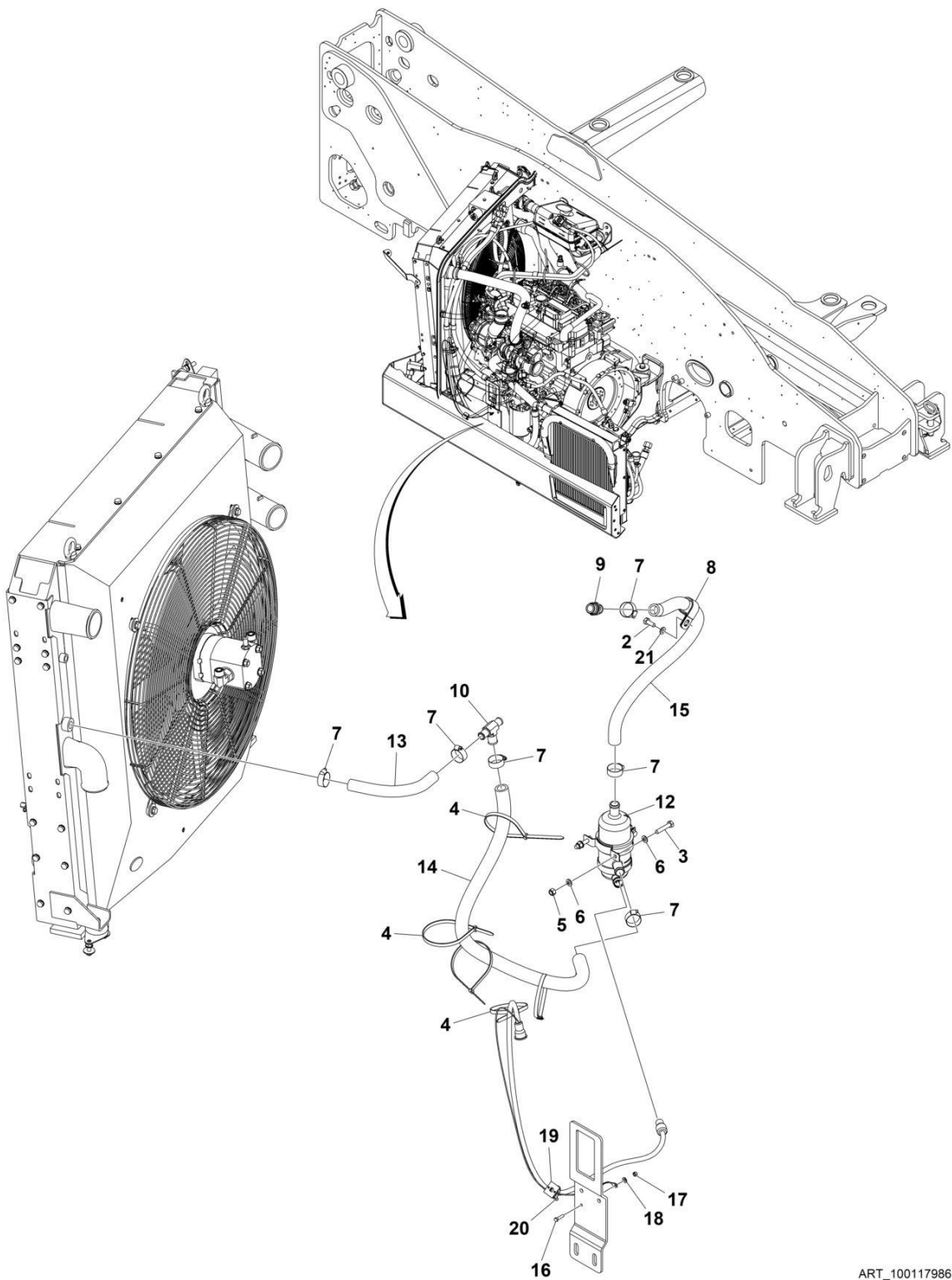
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-37. HEATER LINES WITH BLOCK HEATER INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260973	Ref	HEATER LINES WITH BLOCK HEATER INSTALLATION (ULS)	A
1	0701020	1	Bolt M10X60	
2	0761012	6	Bolt M10X25	
3	1001202921	1	Fitting, Straight ORFS	
4	3291001	1	Nut M10	
5	4812000	8	Washer M10	
6	8410009	17	Clamp, Gear	
7	8410013	6	Clamp, Gear	
8	1001008573	1	Clip	
9	1001008720	6	Clip	
10	1001092122	1	Spacer	
11	1001104685	1	Fitting, Barbed	
12	1001155823	2	Coupling, 90 Deg Quick Connect	
13	1001183125	2	Fitting, Tee	
14	1001183149	2	Fitting, Tee	
15	1001183357	2	Fitting, Straight	
16	1001202474	1	Hose	
17	1001260974	1	Hose	
18	1001238470	2	Adapter	
19	1001256381	1	Hose	
20	1001256382	1	Hose	
21	1001256383	1	Hose	
22	1001256384	1	Hose	
23	1001008559	8	Strap	
24	1001202473	1	Hose	
25	1001202477	2	Hose	
26	1001202478	1	Hose	
27	1001202480	2	Hose	
28	1001212956	1	Hose	
29	1001254357	2	Clamp	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-38. BLOCK HEATER INSTALLATION (120V - LS)



ART_1001179861_F

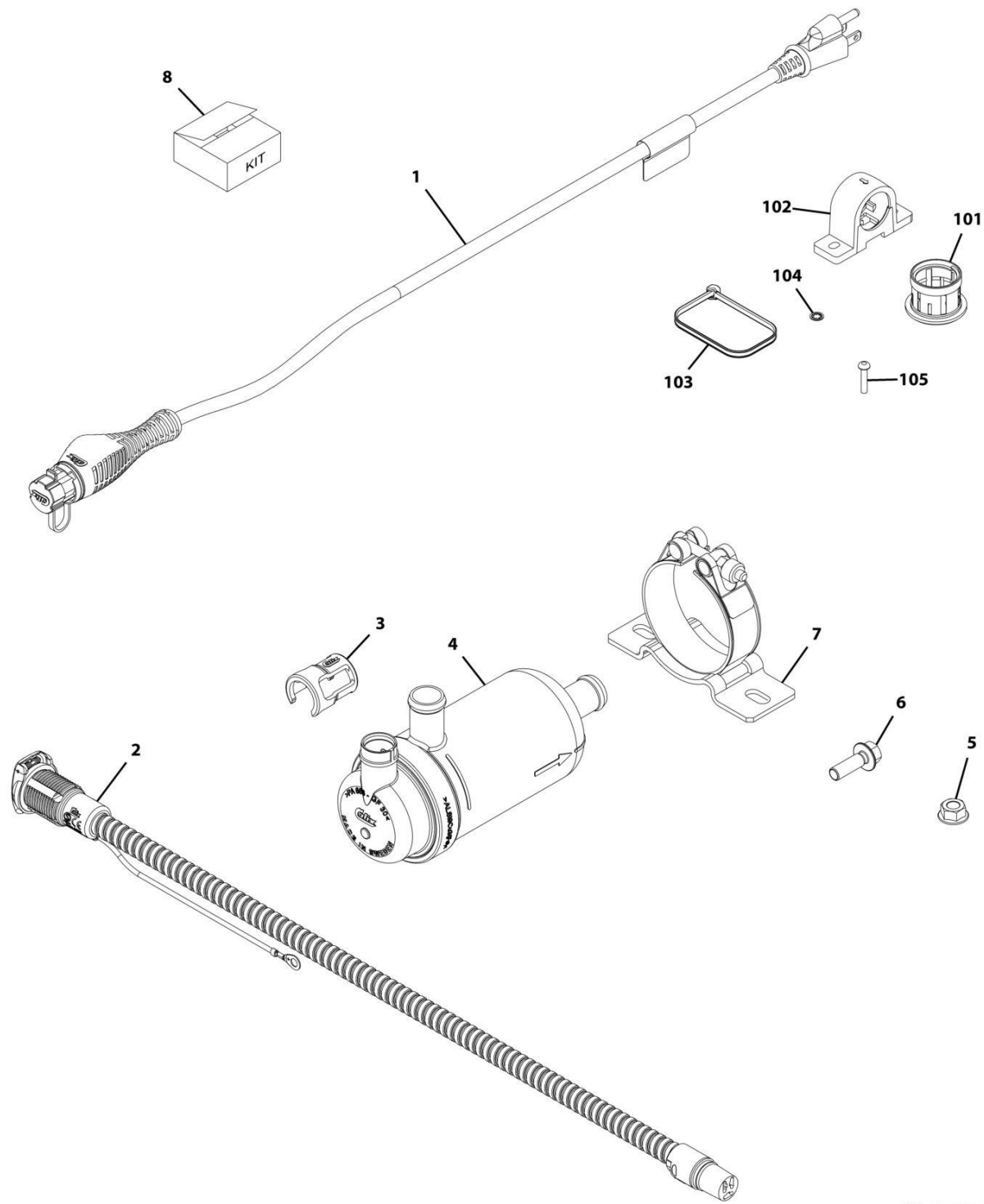
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-38. BLOCK HEATER INSTALLATION (120V - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179861	Ref	BLOCK HEATER INSTALLATION (120V)	F
2	0761010	1	Bolt M10 x 20	
3	0760816	2	Bolt M8 x 40	
4	1062255	5	Strap, Tie	
5	3290805	2	Nut Lock M8 x 1.25 Grade 8	
6	4811900	4	Washer M8	
7	8405007	6	Clamp	
8	8406302	1	Clamp	
9	1001167408	1	Adapter, Hose	
10	1001167773	1	Fitting, Tee	
12	1001179910	1	Block Heater (120V) (See Separate Breakdown in this Section)	
13	1001204302	1	Hose	
14	1001204301	1	Hose	
15	1001204373	1	Hose	
16	0700510	1	Bolt M5 x 20	
17	3290505	1	Nut M5	
18	4811700	1	Washer M6	
19	4460234	1	Mount, Cable Tie	
20	1001008559	1	Strap, Tie	
21	4812000	1	Washer M10	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-39. BLOCK HEATER (LS)



ART_1001179910-B

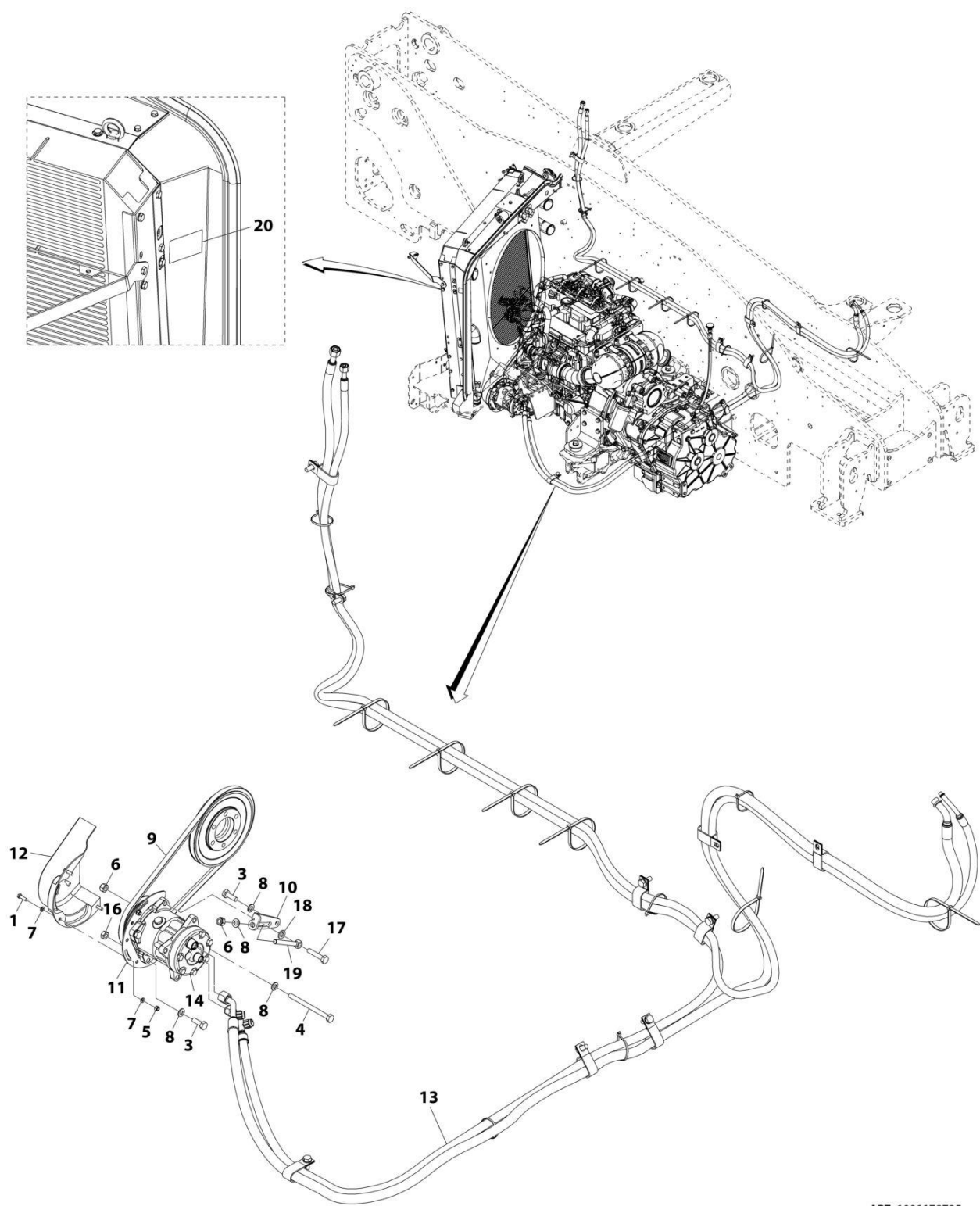
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-39. BLOCK HEATER (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179910	Ref	Block Heater (LS)	B
1	70026725	1	Cable, Supply	
2	70026726	1	Cable, Inlet	
3	70026720	1	Clip, Safety	
4	70026721	1	Heater	
5	70026722	2	Nut, Flange M8X8	
6	70026723	2	Screw, Flange M8X25	
7	70026724	1	Clamp	
8	70026719	1	Kit, MK Assembly	
101	Kit	1	Expander	
102	Kit	1	Clamp	
103	Kit	5	Wrap, Tie	
104	Kit	2	Washer, Lock	
105	Kit	3	Screw	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-40. A/C PUMP INSTALLATION



ART_1001178725

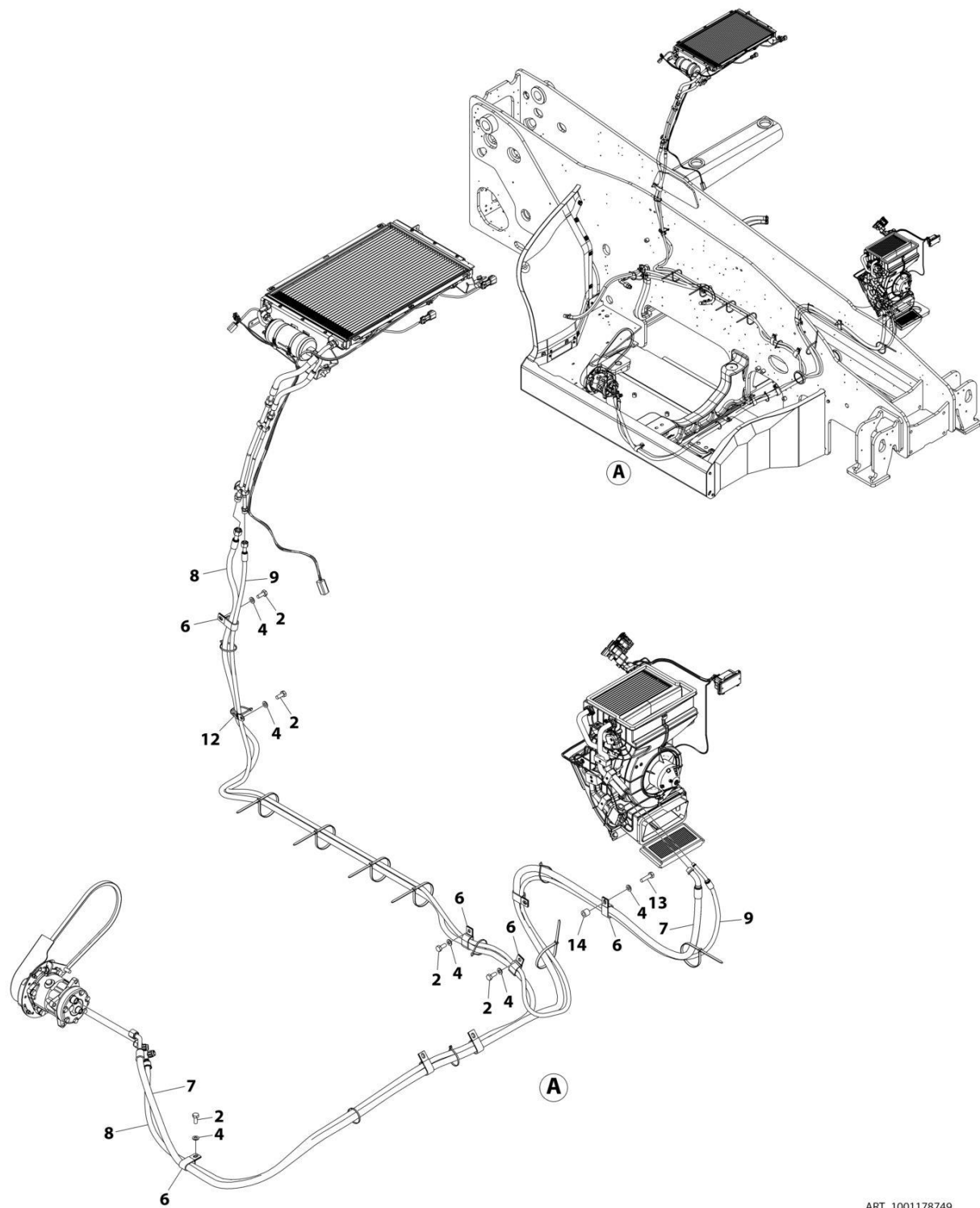
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-40. A/C PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178725	Ref	A/C Pump Installation	F
1	0700610	3	Bolt, M6X20	
3	0701014	3	Bolt, M10X30	
4	0701030	1	Bolt, M10X130	
5	3290605	3	Nut, Lock M6X1 Grade 8	
6	3291005	2	Nut, Lock M10X1.5 Grade 8	
7	4811700	6	Washer, M6	
8	4812000	5	Washer, M10	
9	1001167356	1	Belt, Drive A/C	
10	1001188855	1	Plate	
11	1001193735	1	Support	
12	1001171000	1	Cover	
13	1001178749	Ref	Installation, A/C Lines (See Separate Breakdown in this Section)	
14	1001119220	1	Compressor	
16	3291001	2	Nut, M10X1.5 Grade 8	
17	0701018	1	Bolt, M10X50	
18	5241000	1	Washer, M10	
19	1001188856	1	Rod	
20	1001227090	1	Decal	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-41. A/C LINES INSTALLATION



ART_1001178749

SECTION 4 - ENGINE AND ATTACHING PARTS

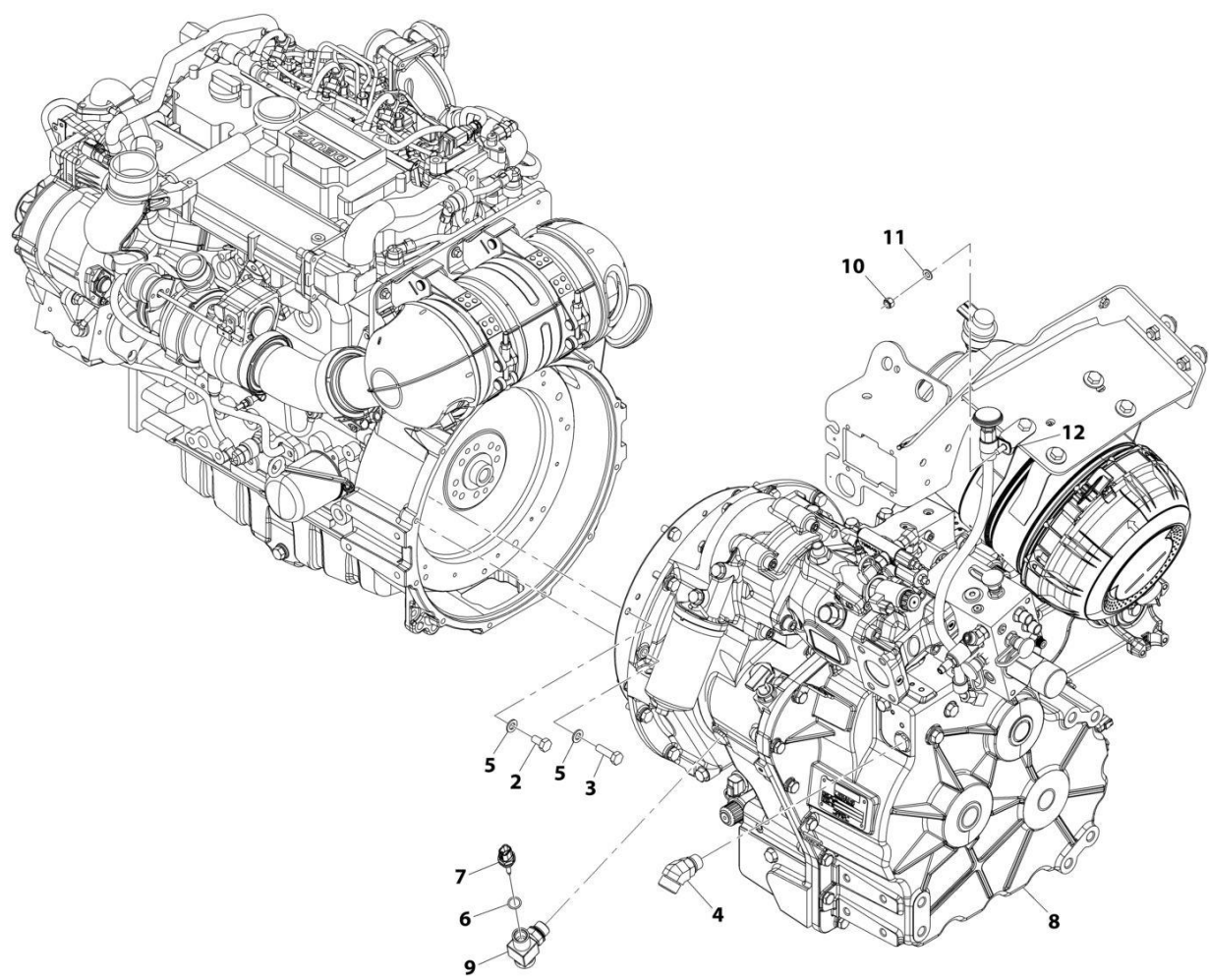
FIGURE 4-41. A/C LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178749	Ref	A/C LINES INSTALLATION	G
2	0761012	5	Bolt M10 x 25	
4	4812000	6	Washer M10	
6	1001026104	8	Clip	
7	1001203825	1	Hose	
8	1001180593	1	Hose	
9	1001203826	1	Hose	
10	1001008559	AR	Tie-Strap 365MM (Not Shown)	
11	1062255	AR	Tie-Strap 170MM (Not Shown)	
12	1001008593	1	Clip	
13	0701016	1	Bolt M10 x 40	
14	1001095401	1	Spacer	

SECTION 5 - DRIVE TRAIN

SECTION 5 - DRIVE TRAIN

FIGURE 5-1. TRANSMISSION INSTALLATION (6 SPD - 90KW)



ART_1001178439-F

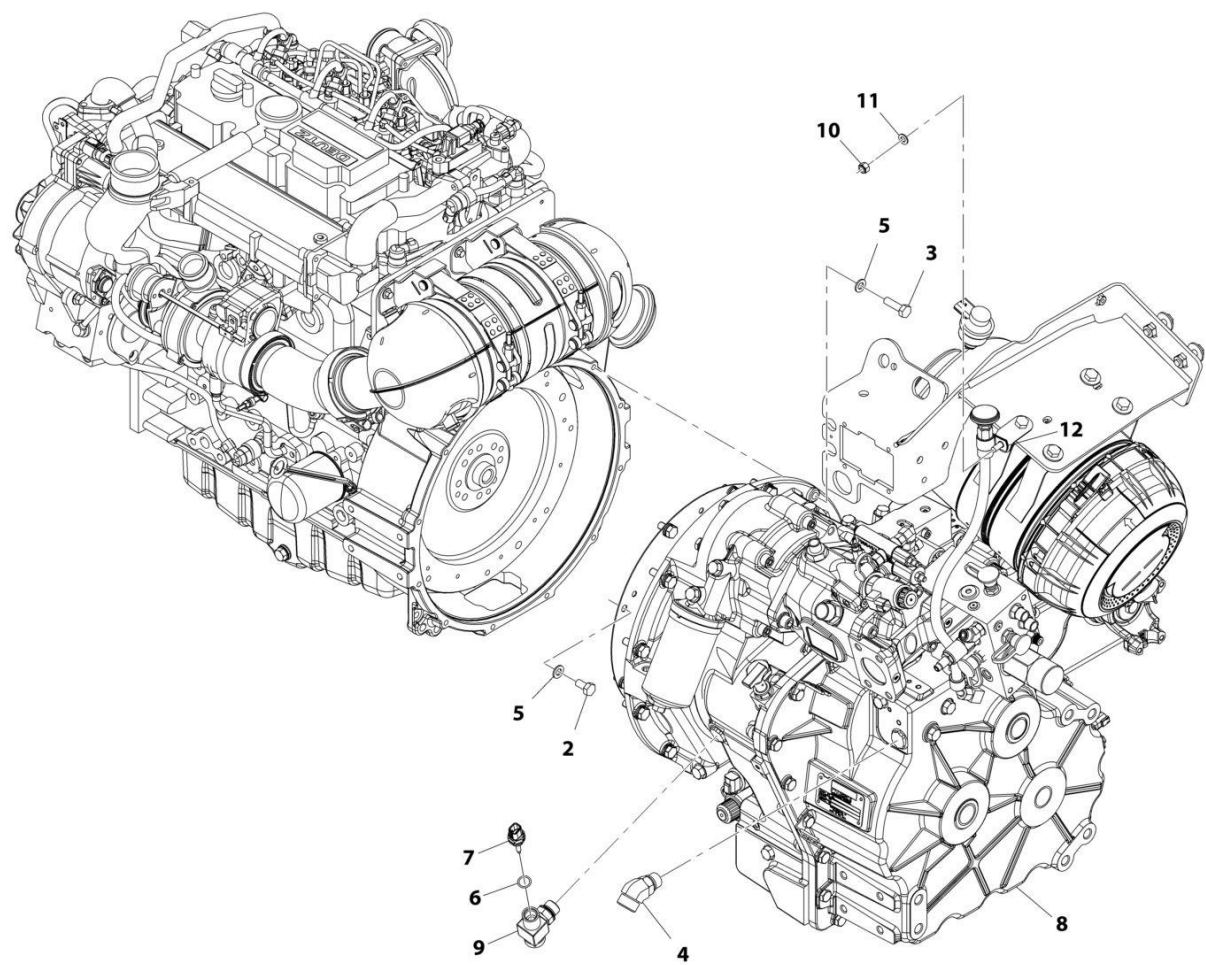
SECTION 5 - DRIVE TRAIN

FIGURE 5-1. TRANSMISSION INSTALLATION (6 SPD - 90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178439	Ref	TRANSMISSION INSTALLATION (6 SPD)	F
2	0761010	8	Bolt M10 x 20	
3	0761015	10	Bolt M10 x 35	
4	2151210	1	Fitting, 45 ORFS	
5	4812000	18	Washer M10	
6	1001009163	1	O-Ring	
7	1001128478	1	Sensor, Temperature	
8	1001177851	1	Transmission (6 SPD - DTZ - 90KW) (See Separate Breakdown in this Section)	
9	1001219182	1	Adapter, ORFS	
10	3290805	1	Nut, Lock M8 x 1.25	
11	4811900	1	Washer M8	
12	91043147	1	Clamp	

SECTION 5 - DRIVE TRAIN

FIGURE 5-2. TRANSMISSION INSTALLATION (6 SPD - 97KW)



ART_1001182647-D

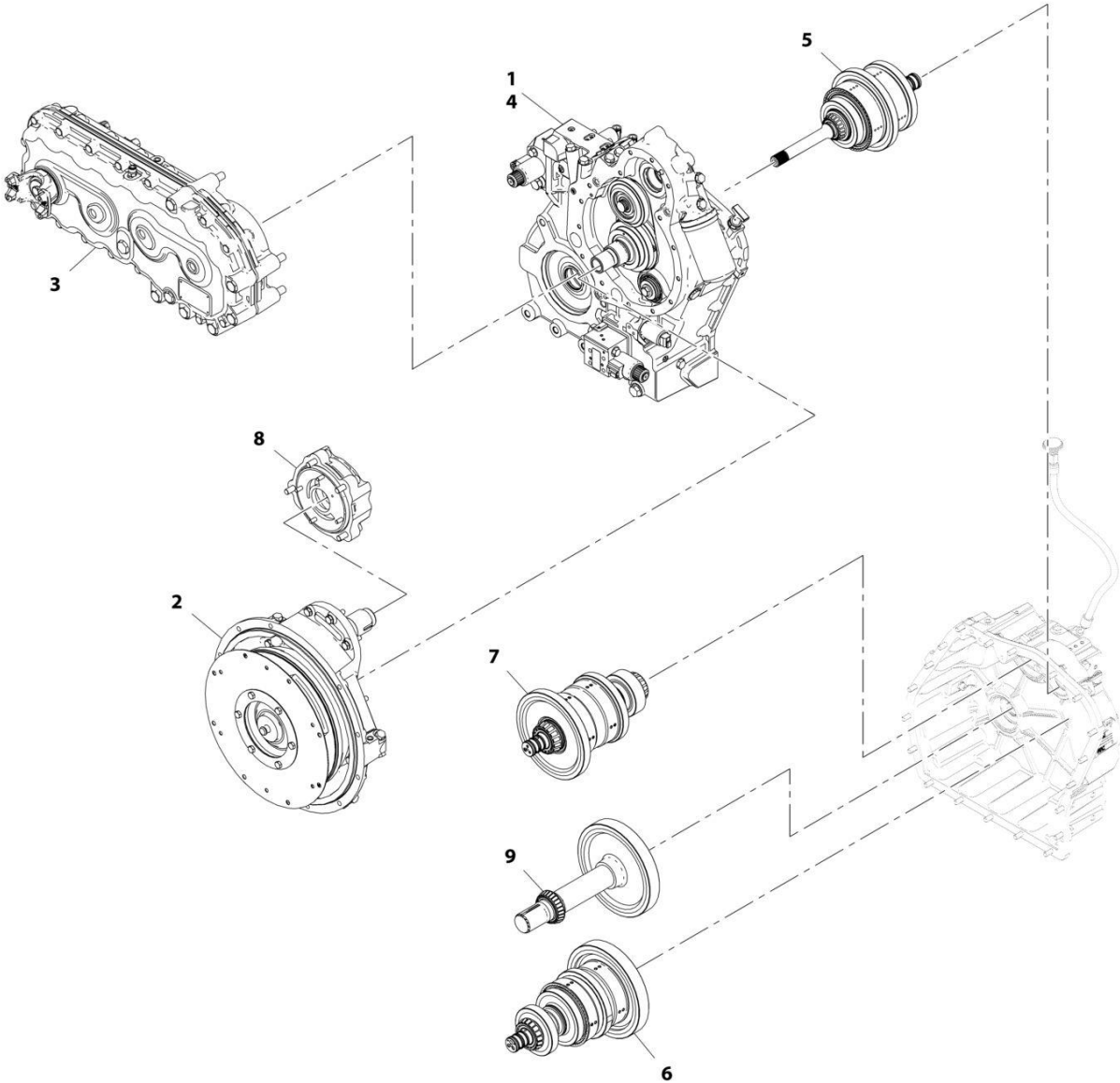
SECTION 5 - DRIVE TRAIN

FIGURE 5-2. TRANSMISSION INSTALLATION (6 SPD - 97KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182647	Ref	TRANSMISSION INSTALLATION (6 SPD - HHP)	D
2	0761010	8	Bolt M10 x 20	
3	0761015	10	Bolt M10 x 35	
4	2151210	1	Fitting, 45 ORFS	
5	4812000	18	Washer M10	
6	1001009163	1	O-Ring	
7	1001128478	1	Sensor, Temperature	
8	1001181559	1	Transmission (6 SPD - HHP - 97KW) (See Separate Breakdown in this Section)	
9	1001219182	1	Fitting, Tee ORFS	
10	3290805	1	Nut, Lock M8 x 1.25	
11	4811900	1	Washer M8	
12	91043147	1	Clamp	

SECTION 5 - DRIVE TRAIN

FIGURE 5-3. TRANSMISSION (6 SPD - 90KW)



ART_1001177851-E

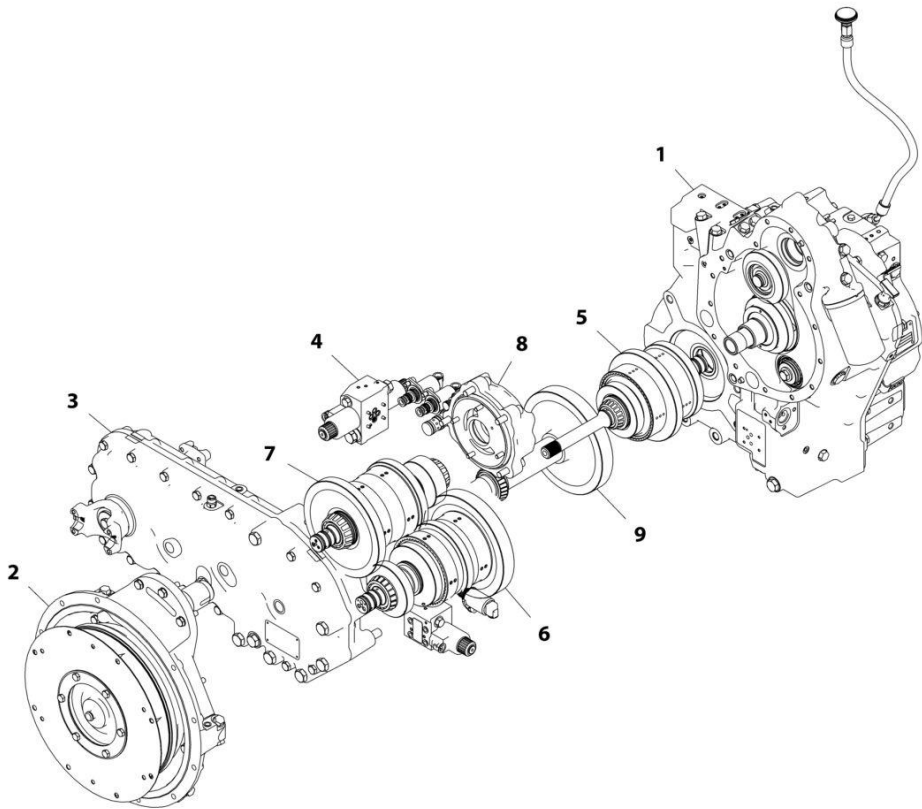
SECTION 5 - DRIVE TRAIN

FIGURE 5-3. TRANSMISSION (6 SPD - 90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177851	Ref	Transmission (6 SPD - 90KW)	E
1	70027723	Ref	Group, Planetary Case and Parts (See Separate Breakdown in this Section)	
2	70027721	Ref	Group, Torque Converter (See Separate Breakdown in this Section)	
3	70027725	Ref	Group, Transfer Gear and Case (See Separate Breakdown in this Section)	
4	70027720	Ref	Group, Transmission Hydraulic Control (See Separate Breakdown in this Section)	
5	70027717	Ref	Group, Input Shaft (See Separate Breakdown in this Section)	
6	70027718	Ref	Group, Transmission Clutch (See Separate Breakdown in this Section)	
7	70027715	Ref	Group, Clutch and Gear (See Separate Breakdown in this Section)	
8	70027719	Ref	Group, Transmission Pump (See Separate Breakdown in this Section)	
9	70027716	Ref	Group, Output Shaft (See Separate Breakdown in this Section)	

SECTION 5 - DRIVE TRAIN

FIGURE 5-4. TRANSMISSION (6 SPD - HHP - 97KW)



ART_1001181559-D

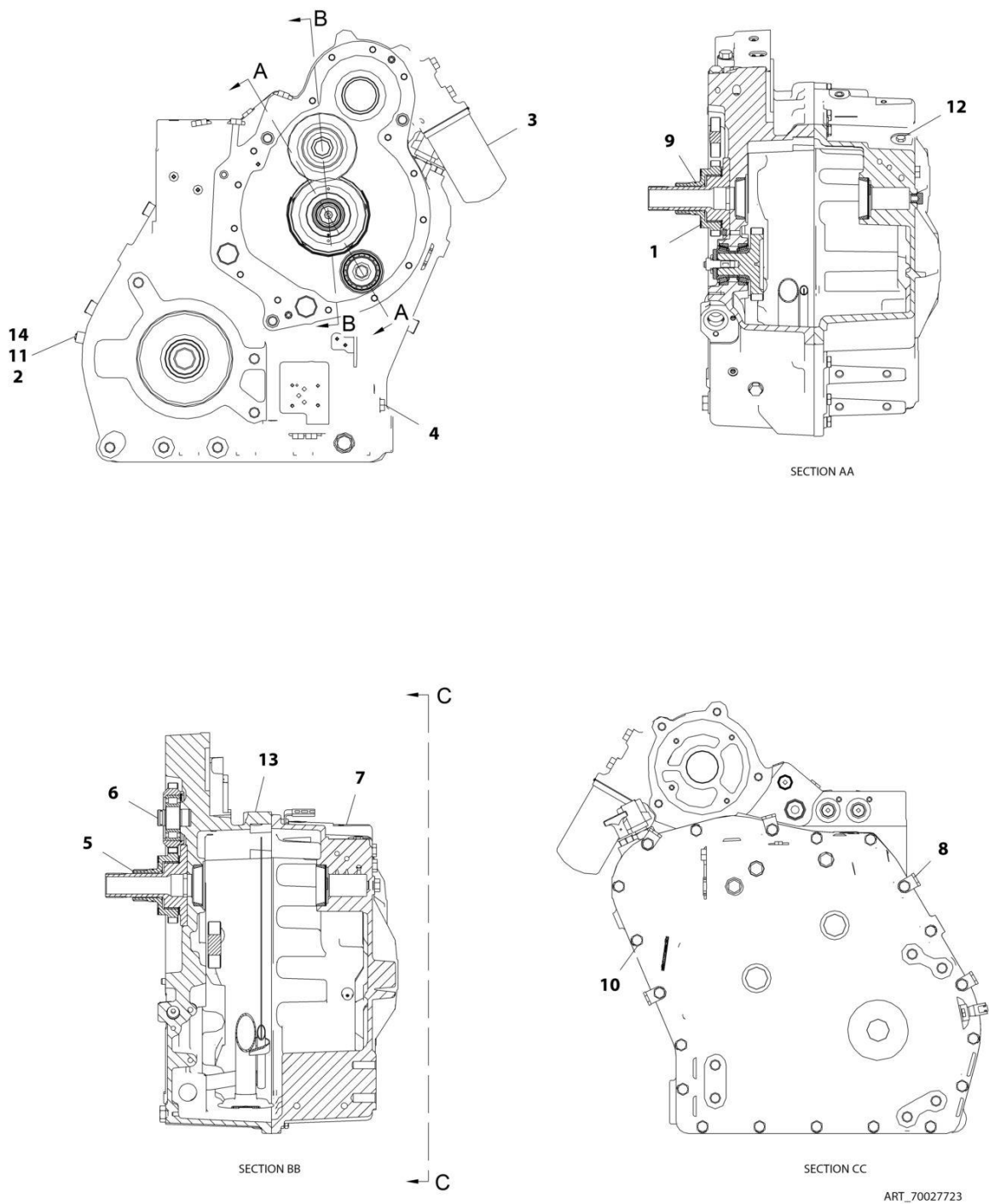
SECTION 5 - DRIVE TRAIN

FIGURE 5-4. TRANSMISSION (6 SPD - HHP - 97KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181559	Ref	Transmission (6 SPD - HHP - 97KW)	D
1	70027723	Ref	Group, Planetary Case and Parts (See Separate Breakdown in this Section)	
2	70027724	Ref	Group, Torque Converter (See Separate Breakdown in this Section)	
3	70027725	Ref	Group, Transfer Gear and Case (See Separate Breakdown in this Section)	
4	70027720	Ref	Group, Transmission Hydraulic Control (See Separate Breakdown in this Section)	
5	70027717	Ref	Group, Input Shaft (See Separate Breakdown in this Section)	
6	70027718	Ref	Group, Transmission Clutch (See Separate Breakdown in this Section)	
7	70027715	Ref	Group, Clutch and Gear (See Separate Breakdown in this Section)	
8	70027719	Ref	Group, Transmission Pump (See Separate Breakdown in this Section)	
9	70027716	Ref	Group, Output Shaft (See Separate Breakdown in this Section)	

SECTION 5 - DRIVE TRAIN

FIGURE 5-5. PLANETARY CASE AND PARTS GROUP



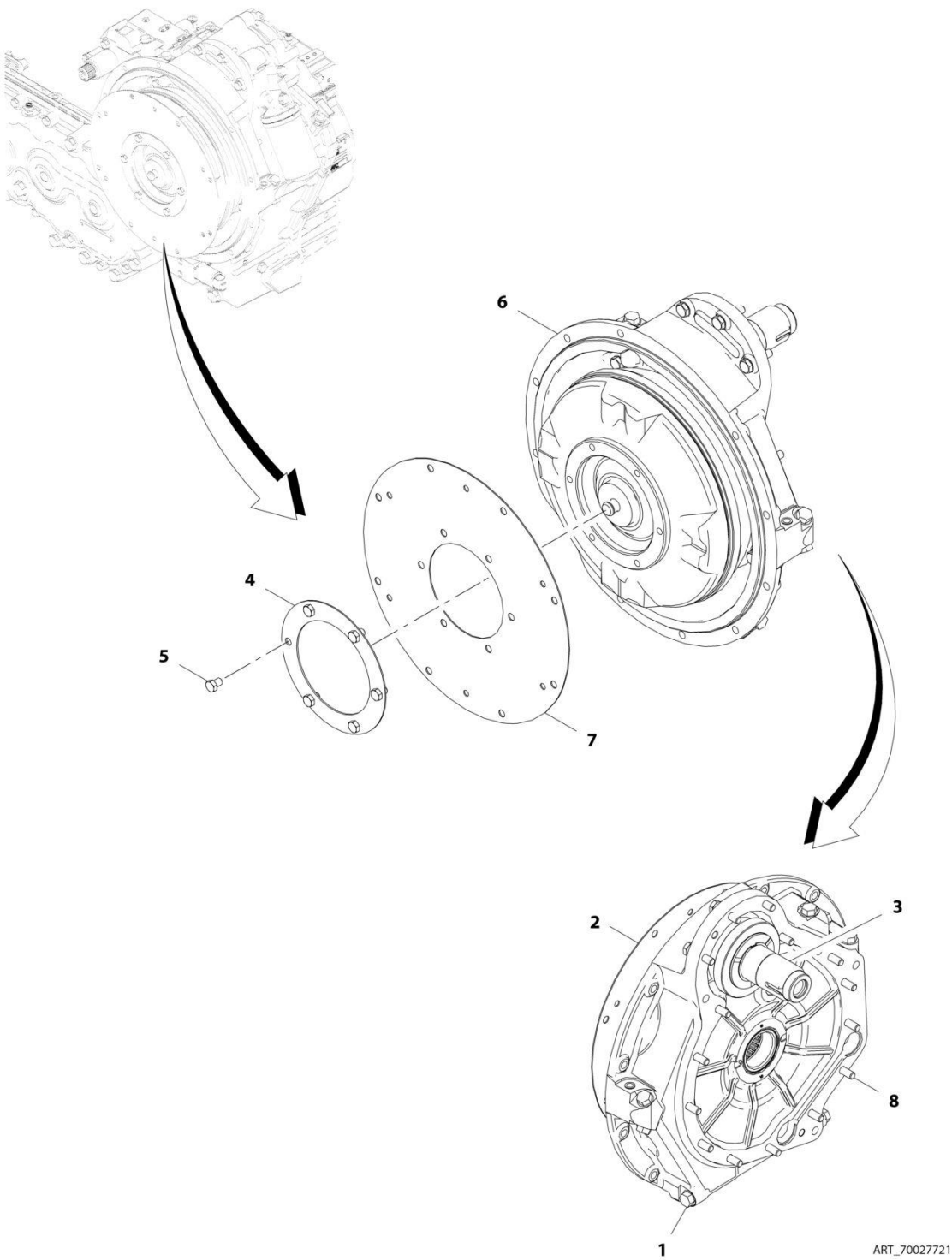
SECTION 5 - DRIVE TRAIN

FIGURE 5-5. PLANETARY CASE AND PARTS GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027723	Ref	Planetary Case and Parts Group	
1	70025511	2	Washer, Thrust	
2	70025526	1	Sensor, Speed (See Separate Breakdown in this Section)	
3	70025453	1	Filter, Transmission	
4	70027663	1	Assembly, Plug	
	70025525	1	O-Ring	
	70025524	1	Plug	
5	70027341	1	Assembly, Gear	
6	70027707	1	Gear, Idler (See Separate Breakdown in this Section)	
7	70027711	1	Case, Rear Transmission (See Separate Breakdown in this Section)	
8	70027331	5	Clip	
9	70025512	1	O-Ring	
10	70025514	20	Bolt	
11	70025528	1	Bolt	
12	70025529	1	Plug	
13	70027714	1	Case, Planetary (See Separate Breakdown in this Section)	
14	70025527	1	O-Ring	

SECTION 5 - DRIVE TRAIN

FIGURE 5-6. TORQUE CONVERTER GROUP



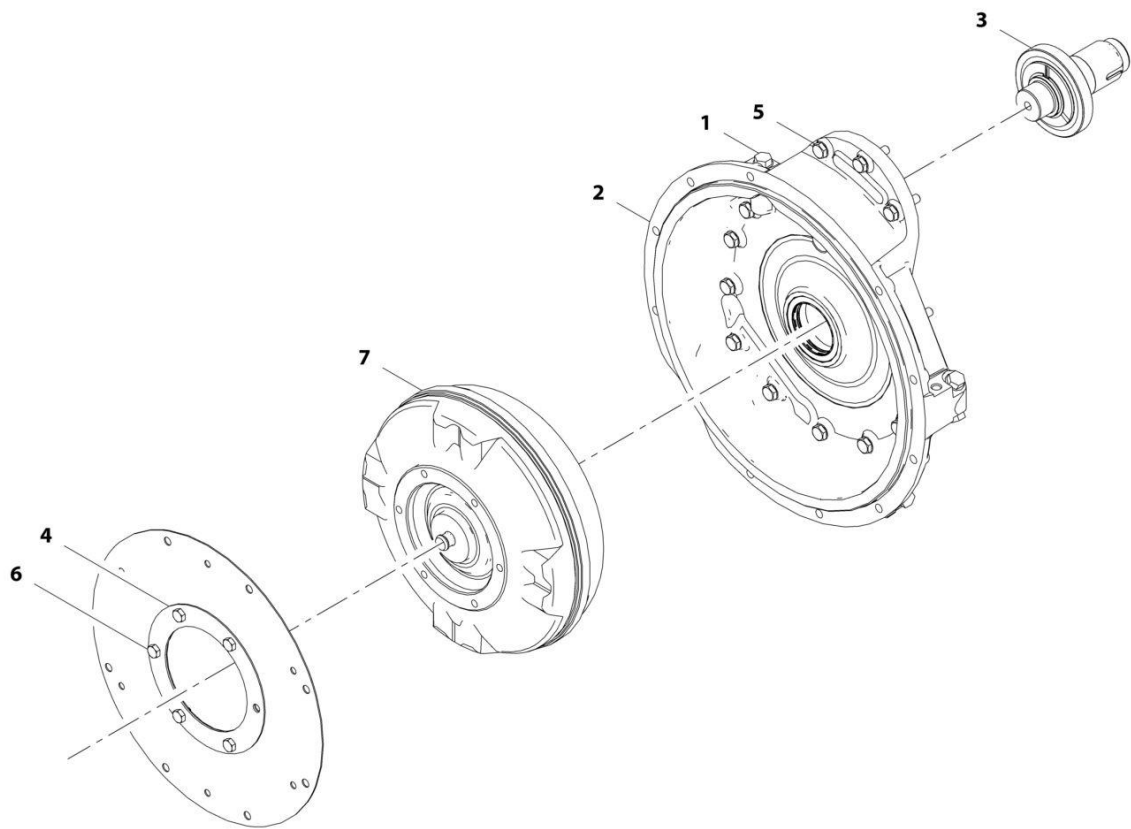
SECTION 5 - DRIVE TRAIN

FIGURE 5-6. TORQUE CONVERTER GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70027721	Ref	Torque Converter Group	
	70027663	7	Assembly, Plug	
	70025525	1	O-Ring	
2	70025524	1	Plug	
	70027666	1	Assembly, Torque Converter	
	70027676	1	Bearing	
	70025383	1	Seal	
	70025382	2	Pin	
3	70027345	1	Converter	
	70027667	1	Assembly, Shaft	
	70025510	2	Ring, Snap	
	70025393	2	Disc, Thrust	
	70025392	1	Pump, Gear	
4	70025397	1	Plate, Converter Drive	
5	70025398	6	Screw	
6	70027382	1	Converter, Torque	
7	70027670	1	Plate, Converter Drive	
8	70027682	15	Bolt	

SECTION 5 - DRIVE TRAIN

FIGURE 5-7. TORQUE CONVERTER GROUP



ART_70027724

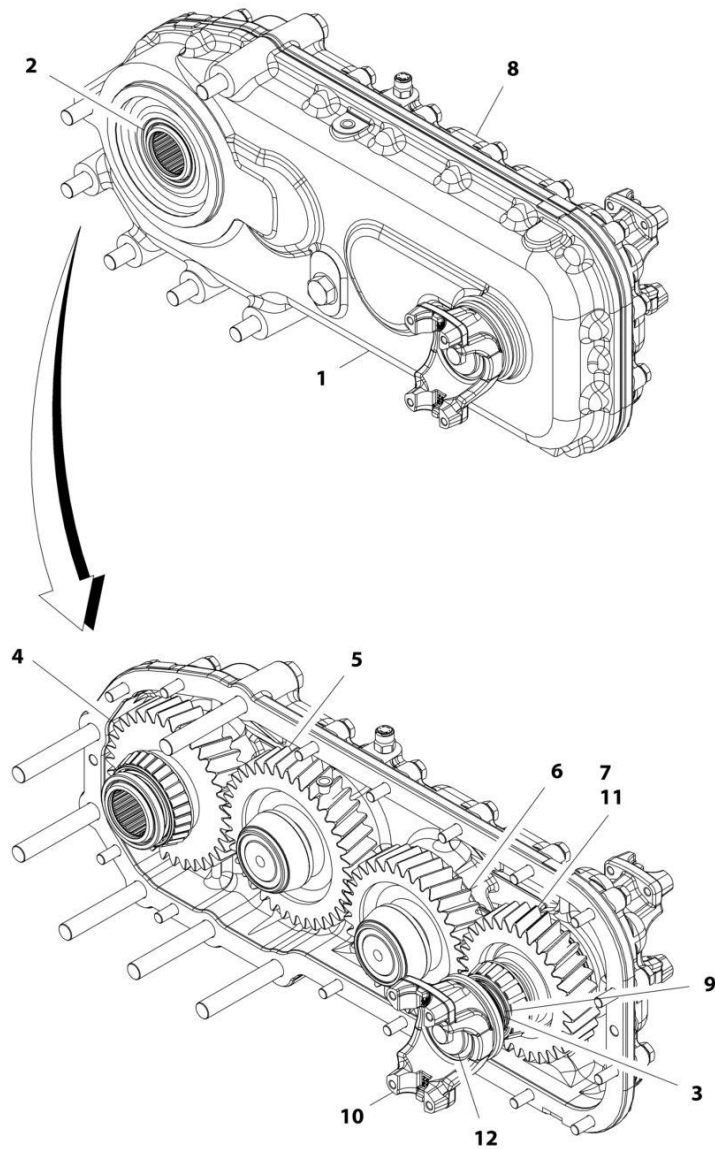
SECTION 5 - DRIVE TRAIN

FIGURE 5-7. TORQUE CONVERTER GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70027724	Ref	Torque Converter Group	
	70027663	7	Assembly, Plug	
	70025525	1	O-Ring	
2	70025524	1	Plug	
	70027666	1	Torque Converter	
	70027676	1	Bearing	
	70025383	1	Seal	
	70025382	2	Pin	
3	70027345	1	Converter	
	70027667	1	Assembly, Shaft	
	70025510	2	Ring, Snap	
	70025393	2	Disc, Thrust	
	70025392	1	Pump, Gear	
4	70025397	1	Plate, Converter	
5	70025514	15	Bolt	
6	70025398	6	Setscrew	
7	70027383	1	Converter, Torque	

SECTION 5 - DRIVE TRAIN

FIGURE 5-8. TRANSFER GEAR AND CASE GROUP



ART_70027725

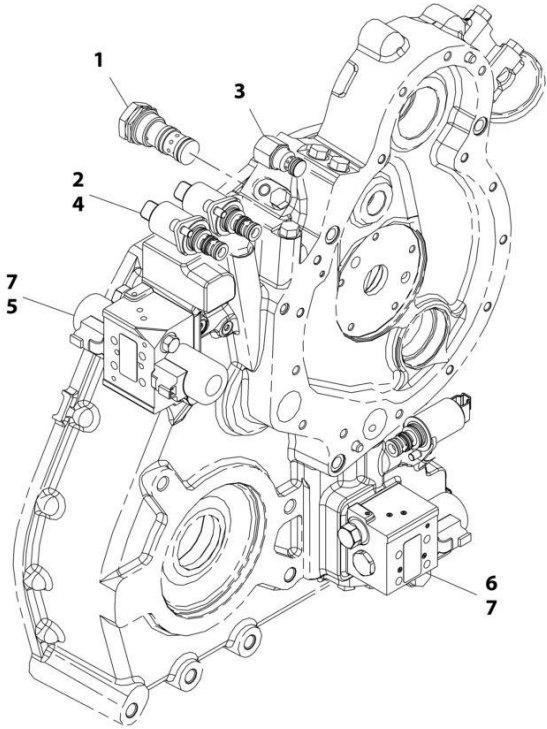
SECTION 5 - DRIVE TRAIN

FIGURE 5-8. TRANSFER GEAR AND CASE GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027725	Ref	Group, Transfer Gear and Case	
1	70027373	1	Case, Front Transfer (See Separate Breakdown in this Section)	
2	70024642	1	Seal, Lip	
3	70027376	2	Seal, Lip	
4	70027672	1	Gear Assembly	
	70025496	2	Cone, Roller Bearing	
	70024634	1	Cone, Roller Bearing	
	70027368	1	Gear, Input	
5	70027673	1	Assembly, Idler Gear	
	70025493	2	Bearing, Cone	
	70027369	1	Idler, Gear	
6	70027674	1	Assembly, Idler Gear	
	70025493	2	Bearing, Cone	
	70027370	1	Idler, Gear	
7	70027675	1	Assembly, Output Shaft	
	70025496	2	Cone, Roller Bearing	
	70025498	2	Ring, Retaining	
	70024639	1	Shaft, Output	
	70027371	1	Gear, Output	
8	70027375	1	Case, Rear Transfer (See Separate Breakdown in this Section)	
9	70024644	2	Spacer	
10	70024645	2	Yoke	
11	70025503	2	O-Ring	
12	70025504	2	Washer	

SECTION 5 - DRIVE TRAIN

FIGURE 5-9. TRANSMISSION HYDRAULIC CONTROL GROUP



ART_70027720

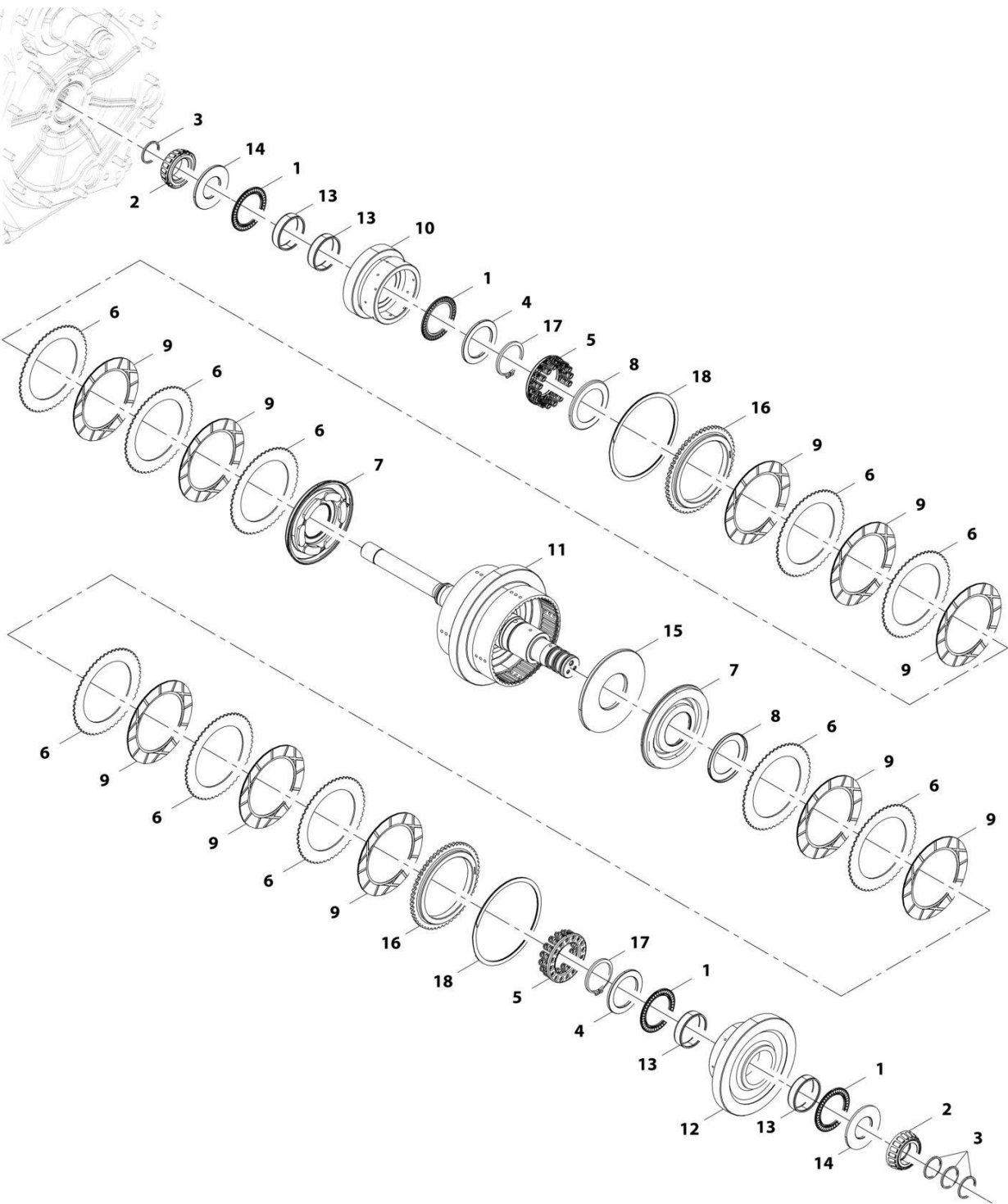
SECTION 5 - DRIVE TRAIN

FIGURE 5-9. TRANSMISSION HYDRAULIC CONTROL GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027720	Ref	Transmission Hydraulic Control Group	
1	70025469	1	Valve, Relief (See Separate Breakdown in this Section)	
2	70025520	3	Capscrew	
3	70025470	1	Valve, Relief	
	70027387	1	O-Ring	
	70027680	1	O-Ring	
4	70025451	3	Valve, Solenoid	
5	70027362	1	Valve, Solenoid (See Separate Breakdown in this Section)	
6	70027363	1	Valve, Solenoid (See Separate Breakdown in this Section)	
7	70027671	8	Bolt	

SECTION 5 - DRIVE TRAIN

FIGURE 5-10. INPUT SHAFT GROUP



ART_70027717

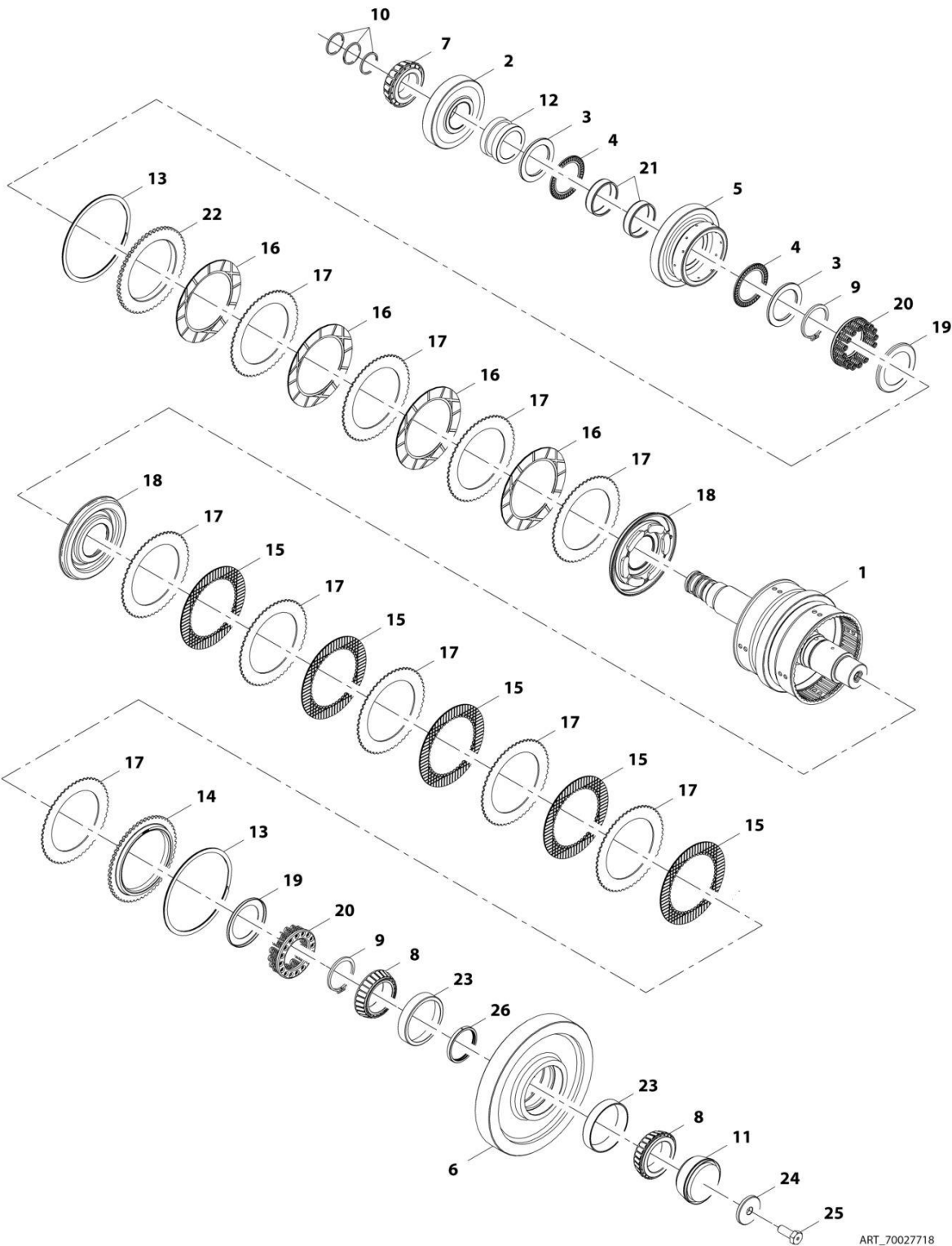
SECTION 5 - DRIVE TRAIN

FIGURE 5-10. INPUT SHAFT GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027717	Ref	Input Shaft Group	
1	70025432	4	Bearing, Thrust	
2	70025508	2	Bearing, Roller Cone	
3	70025433	4	Ring, Sealing	
4	70025429	2	Washer, Thrust	
5	70025440	2	Assembly, Spring and Retainer	
6	70025437	10	Plate, Clutch	
7	70025438	2	Piston, Clutch	
8	70025439	2	Retainer, Spring	
9	70025448	10	Disc, Friction	
10	70025400	1	Gear	
11	70025445	1	Assembly, Plug	
	70027328	2	Plug	
	70027348	1	Plug, Orifice	
12	70025401	1	Gear	
13	70025424	4	Bearing, Needle Roller	
14	70025446	2	Washer, Thrust	
15	70025449	1	Spacer, Piston	
16	70025447	2	Plate, Retainer	
17	70025498	2	Ring, Retaining	
18	70027681	2	Ring, Retaining	

SECTION 5 - DRIVE TRAIN

FIGURE 5-11. TRANSMISSION CLUTCH GROUP



ART_70027718

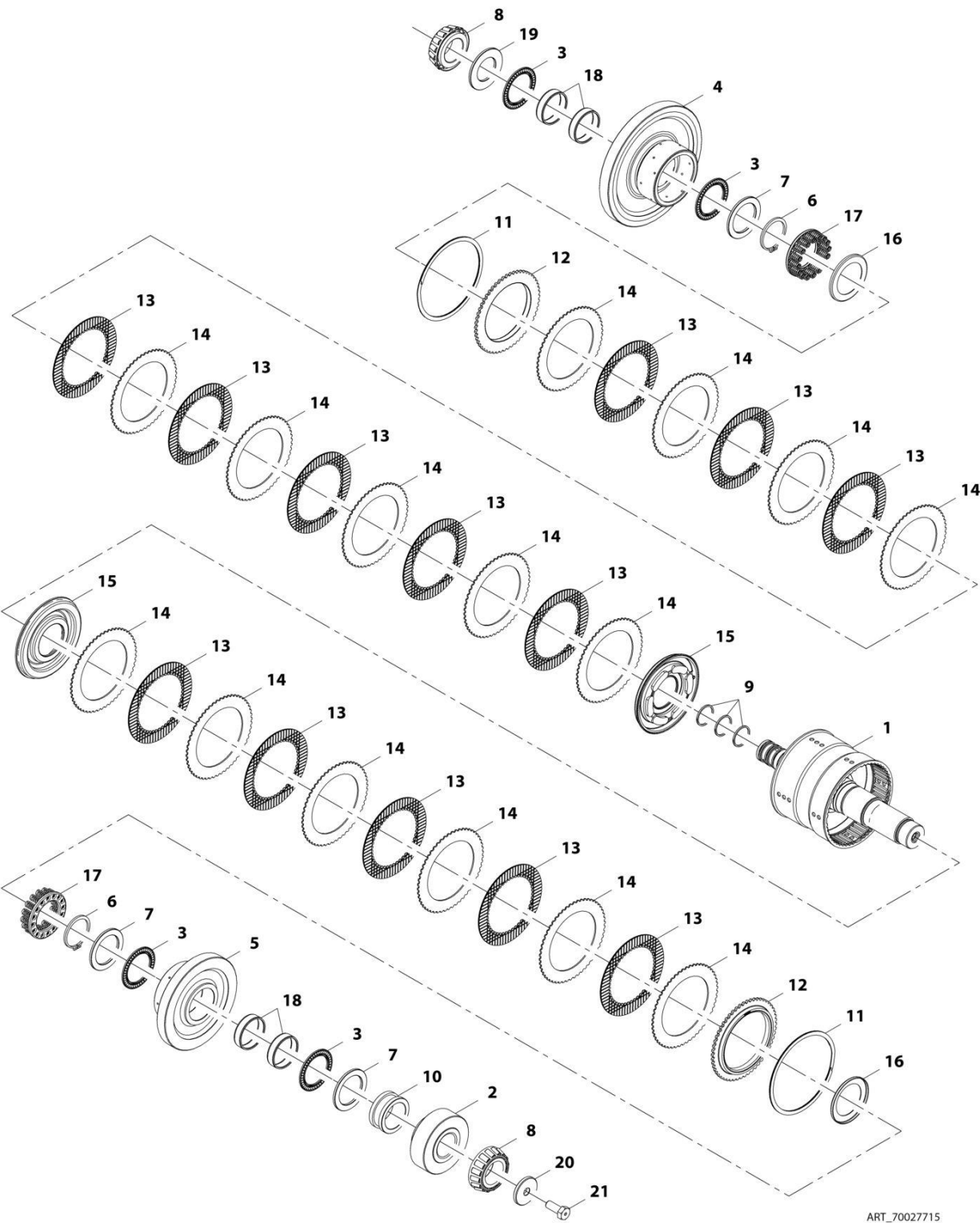
SECTION 5 - DRIVE TRAIN

FIGURE 5-11. TRANSMISSION CLUTCH GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027718	Ref	Transmission Clutch Group	
1	70025450	1	Shaft, Forward High/3rd	
	70027339	2	Plug	
	70027344	1	Plug-Orifice	
2	70025402	1	Gear	
3	70025429	2	Washer, Thrust	
4	70025432	2	Bearing, Thrust	
5	70025403	1	Gear	
6	70025404	1	Gear	
7	70025406	1	Bearing, Cone Roller	
8	70025407	2	Bearing, Cone Roller	
9	70025498	2	Ring, Retaining	
10	70025433	3	Ring, Sealing	
11	70025493	1	Bearing, Cone Roller	
12	70025409	1	Spacer	
13	70027681	2	Ring, Retaining	
14	70025435	1	Plate, Retainer	
15	70025436	5	Disc-Friction	
16	70025448	4	Disc-Friction	
17	70025437	10	Plate, Clutch	
18	70025438	2	Piston, Clutch	
19	70025439	2	Spring, Retainer	
20	70025440	2	Assembly, Spring and Retainer	
21	70025424	2	Bearing, Needle Roller	
22	70025447	1	Plate, Retaining	
23	70025408	2	Bearing, Cup	
24	70025504	1	Washer	
25	70025442	1	Bolt	
26	70025410	AR	Spacer, 5.88-5.90	
	70025411	AR	Spacer, 5.85-5.87	
	70025412	AR	Spacer, 5.82-5.84	
	70025413	AR	Spacer, 5.79-5.81	
	70025414	AR	Spacer, 6.00-6.02	
	70025415	AR	Spacer, 5.97-5.99	
	70025416	AR	Spacer, 5.94-5.96	
	70025417	AR	Spacer, 5.91-5.93	
	70025418	AR	Spacer, 6.09-6.11	
	70025419	AR	Spacer, 6.06-6.08	
	70027358	AR	Spacer, 6.12-6.14	
	70027359	AR	Spacer, 6.15-6.17	
	70025420	AR	Spacer, 6.03-6.05	
	70027364	AR	Spacer, 6.20-6.22	
	70027365	AR	Spacer, 6.25-6.27	

SECTION 5 - DRIVE TRAIN

FIGURE 5-12. CLUTCH AND GEAR GROUP



ART_70027715

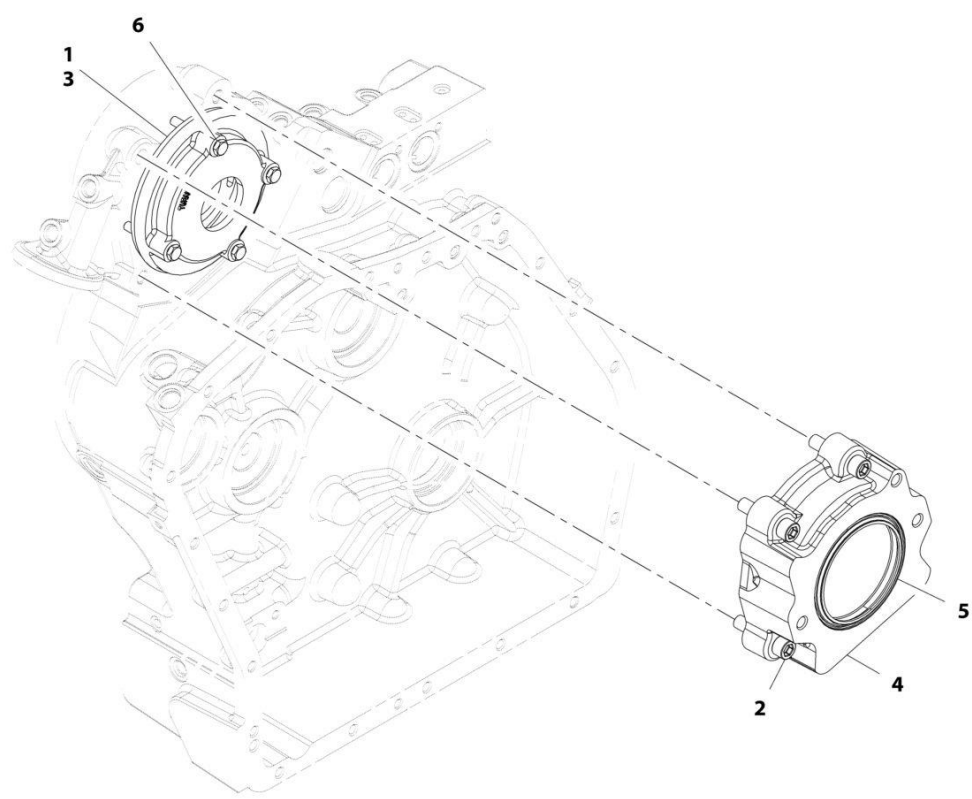
SECTION 5 - DRIVE TRAIN

FIGURE 5-12. CLUTCH AND GEAR GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027715	Ref	Clutch and Gear Group	
1	70025431	1	Assembly, Plug	
	70027328	2	Plug	
	70027344	1	Plug, Orifice	
	70027349	1	Plug, Orifice	
2	70025423	1	Gear	
3	70025432	4	Bearing, Thrust	
4	70025425	1	Gear	
5	70025401	1	Gear	
6	70025498	2	Ring, Retaining	
7	70025429	3	Washer, Thrust	
8	70025496	2	Cone, Roller Bearing	
9	70025433	3	Ring, Sealing	
10	70025426	1	Spacer	
11	70027681	2	Ring, Retaining	
12	70025435	2	Plate, Retainer	
13	70025436	13	Disc, Friction	
14	70025437	15	Plate, Clutch	
15	70025438	2	Piston, Clutch	
16	70025439	2	Retainer, Spring	
17	70025440	2	Assembly, Spring and Retainer	
18	70025424	4	Bearing, Needle Roller	
19	70025441	1	Washer, Thrust	
20	70025504	1	Washer	
21	70025442	1	Bolt	

SECTION 5 - DRIVE TRAIN

FIGURE 5-13. TRANSMISSION PUMP GROUP



ART_70027719

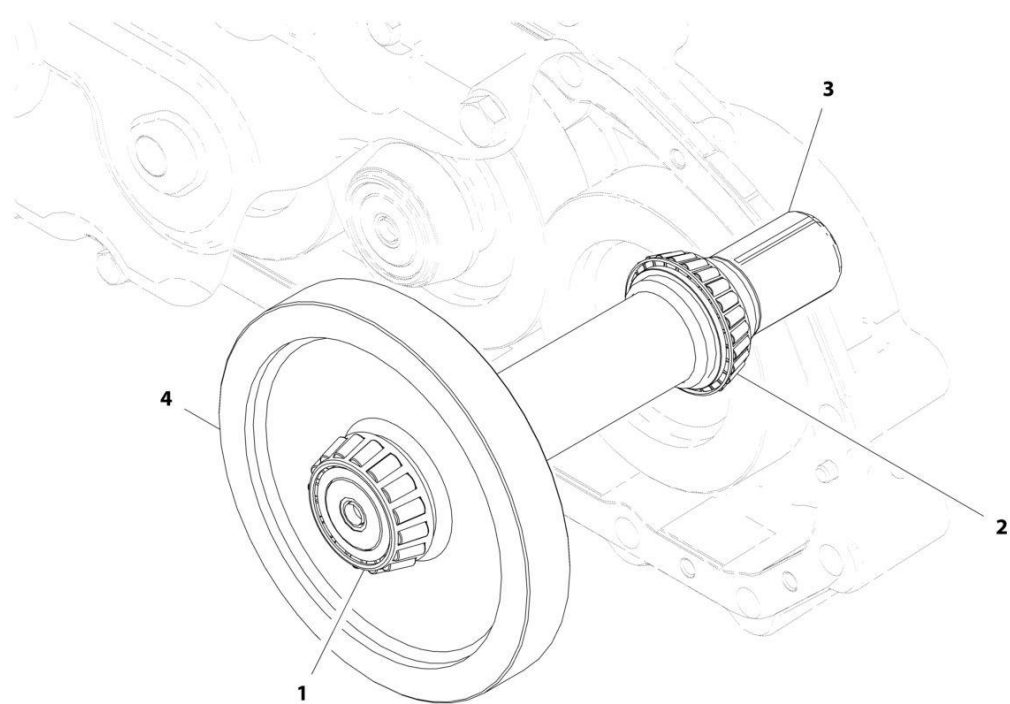
SECTION 5 - DRIVE TRAIN

FIGURE 5-13. TRANSMISSION PUMP GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027719	Ref	Transmission Pump Group	
1	70025464	1	O-Ring	
2	70025463	4	Capscrew	
3	70025459	1	Pump, Charge	
4	70025452	1	Housing, Pump	
5	70027347	1	Plug	
6	70025522	4	Bolt	

SECTION 5 - DRIVE TRAIN

FIGURE 5-14. OUTPUT SHAFT GROUP



ART_70027716

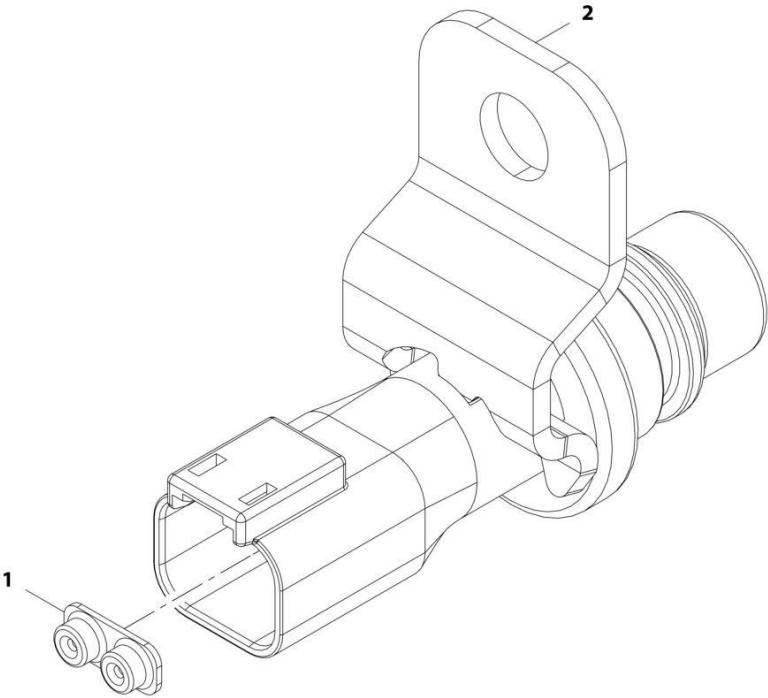
SECTION 5 - DRIVE TRAIN

FIGURE 5-14. OUTPUT SHAFT GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027716	Ref	Output Shaft Group	
1	70025496	1	Cone, Roller Bearing	
2	70025407	1	Cone, Roller Bearing	
3	70025428	1	Gear	
4	70025427	1	Shaft, Output	

SECTION 5 - DRIVE TRAIN

FIGURE 5-15. SPEED SENSOR



ART_70025526

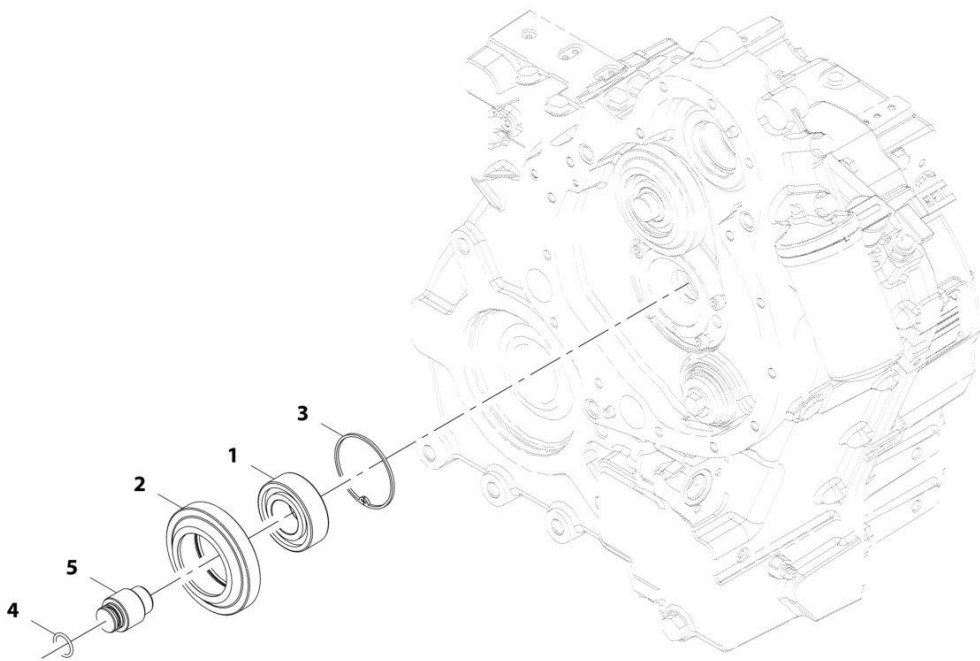
SECTION 5 - DRIVE TRAIN

FIGURE 5-15. SPEED SENSOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025526	Ref	Speed Sensor	
1	70027332	1	Connector	
2	70027661	1	Bracket	

SECTION 5 - DRIVE TRAIN

FIGURE 5-16. IDLER GEAR



ART_70027707

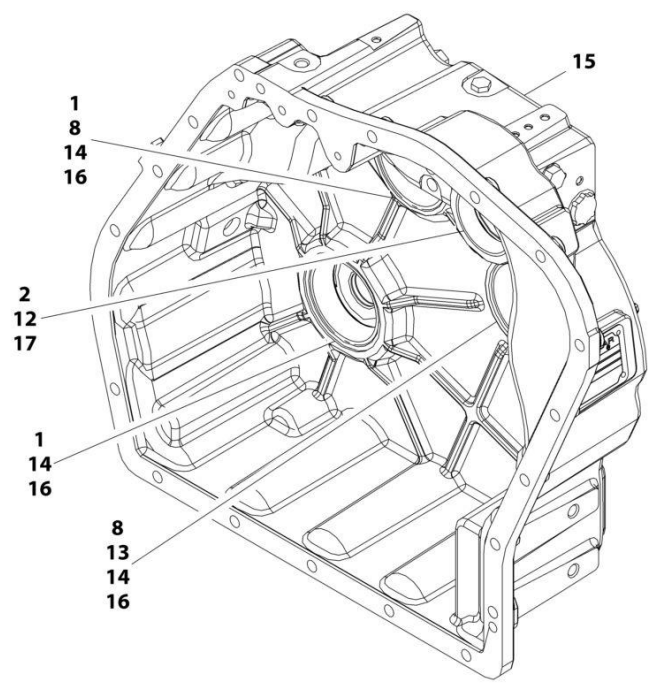
SECTION 5 - DRIVE TRAIN

FIGURE 5-16. IDLER GEAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027707	Ref	Idler Gear Group	
1	70025389	1	Bearing, Roller	
2	70025388	1	Pump, Idler Gear	
3	70025391	1	Circlip	
4	70025390	1	O-Ring	
5	70025387	1	Pump, Output Shaft	

SECTION 5 - DRIVE TRAIN

FIGURE 5-17. REAR TRANSMISSION CASE



ART_70027711

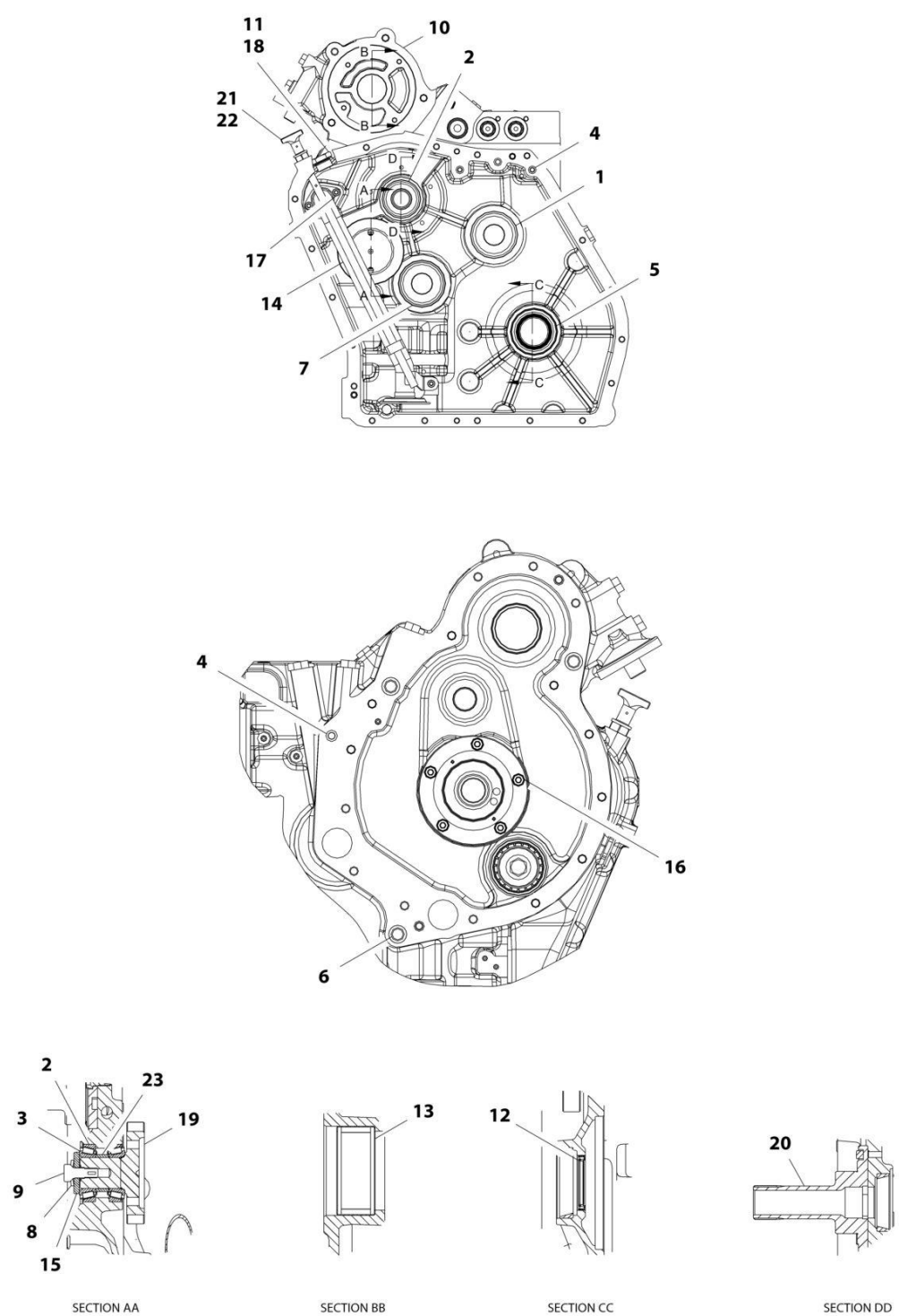
SECTION 5 - DRIVE TRAIN

FIGURE 5-17. REAR TRANSMISSION CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027711	Ref	Rear Transmission Case	
1	70025497	2	Cup, Roller Bearing	
2	70025443	AR	Shim, 0.508	
	70025444	AR	Shim, 0.381	
	70025518	AR	Shim, 0.051	
	70025515	AR	Shim, 0.178	
	70025516	AR	Shim, 0.127	
	70025517	AR	Shim, 0.076	
8	70025502	AR	Shim, 0.599	
	70025501	AR	Shim, 0.178	
	70025500	AR	Shim, 0.076	
	70025499	AR	Shim, 0.051	
12	70025509	1	Cup, Roller Bearing	
13	70025494	1	Cup, Bearing	
14	70025476	3	Cap	
15	70025430	1	Assembly, Rear Transmission Case (See Separate Breakdown in this Section)	
16	70025421	3	Shim	
17	70027350	1	Spacer	

SECTION 5 - DRIVE TRAIN

FIGURE 5-18. PLANETARY CASE



ART_70027714

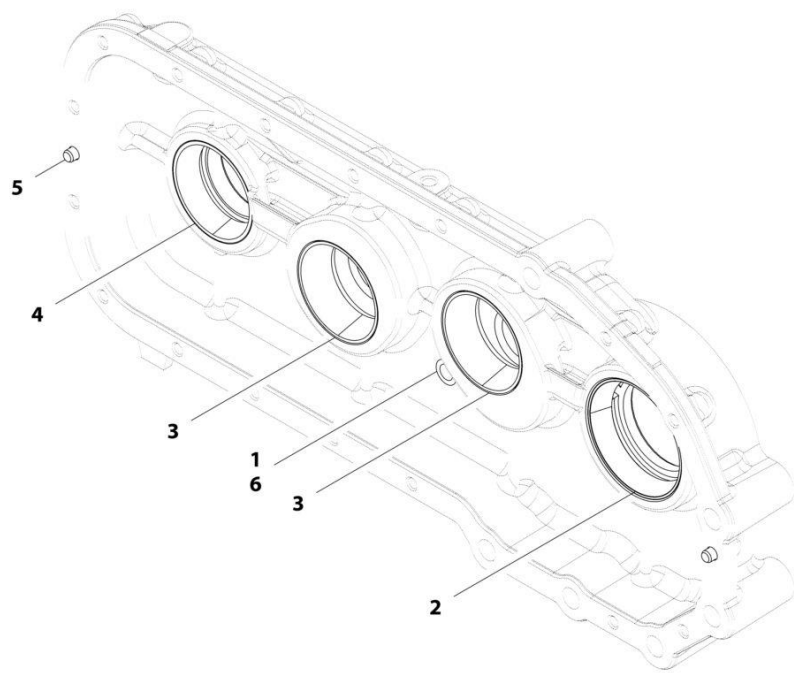
SECTION 5 - DRIVE TRAIN

FIGURE 5-18. PLANETARY CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027714	Ref	Planetary Case	
1	70025497	1	Cup, Roller Bearing	
2	70025509	3	Cup, Roller Bearing	
3	70025508	1	Cone, Roller Bearing	
4	70025523	4	O-Ring	
5	70025408	1	Cup, Bearing	
6	70025468	3	O-Ring	
7	70027340	1	Bearing	
8	70025380	1	Washer, Bevel Spring	
9	70025505	1	Bolt	
10	70025467	1	Assembly, Front Transmission Case (See Separate Breakdown in this Section)	
11	70027664	1	Housing	
12	70027376	1	Seal, Lip	
13	70025360	1	Bearing, Needle Roller	
14	70027668	1	Assembly, Strainer	
	70025461	2	O-Ring	
	70025460	1	Strainer	
15	70025504	1	Washer	
16	70025513	5	Capscrew	
17	70025520	3	Capscrew	
18	70025472	1	Washer	
19	70027665	1	Shaft, Idler	
	70025508	1	Cone, Bearing	
	70025361	1	Gear, Reverse Idler	
20	70025394	1	Support	
	70025382	2	Pin	
21	70025465	1	Dipstick	
22	70025462	1	Assembly, Dipstick Tube	
	70027388	1	O-Ring	
	70027346	1	Tube	
23	70025370	AR	Spacer, 15.09-15.11	
	70025376	AR	Spacer, 15.27-15.29	
	70025362	AR	Spacer, 14.85-14.87	
	70025377	AR	Spacer, 15.30-15.32	
	70025371	AR	Spacer, 15.12-15.14	
	70025372	AR	Spacer, 15.15-15.17	
	70025373	AR	Spacer, 15.18-15.20	
	70025363	AR	Spacer, 14.88-14.90	
	70025364	AR	Spacer, 14.91-14.93	
	70025365	AR	Spacer, 14.94-14.96	
	70025366	AR	Spacer, 14.97-14.99	
	70025367	AR	Spacer, 15.00-15.02	
	70025368	AR	Spacer, 15.03-15.05	
	70025369	AR	Spacer, 15.06-15.08	
	70025374	AR	Spacer, 15.21-15.23	
	70025378	AR	Spacer, 15.33-15.35	
	70025379	AR	Spacer, 15.36-15.38	
	70025375	AR	Spacer, 15.24-15.26	

SECTION 5 - DRIVE TRAIN

FIGURE 5-19. FRONT TRANSFER CASE



ART_70027373

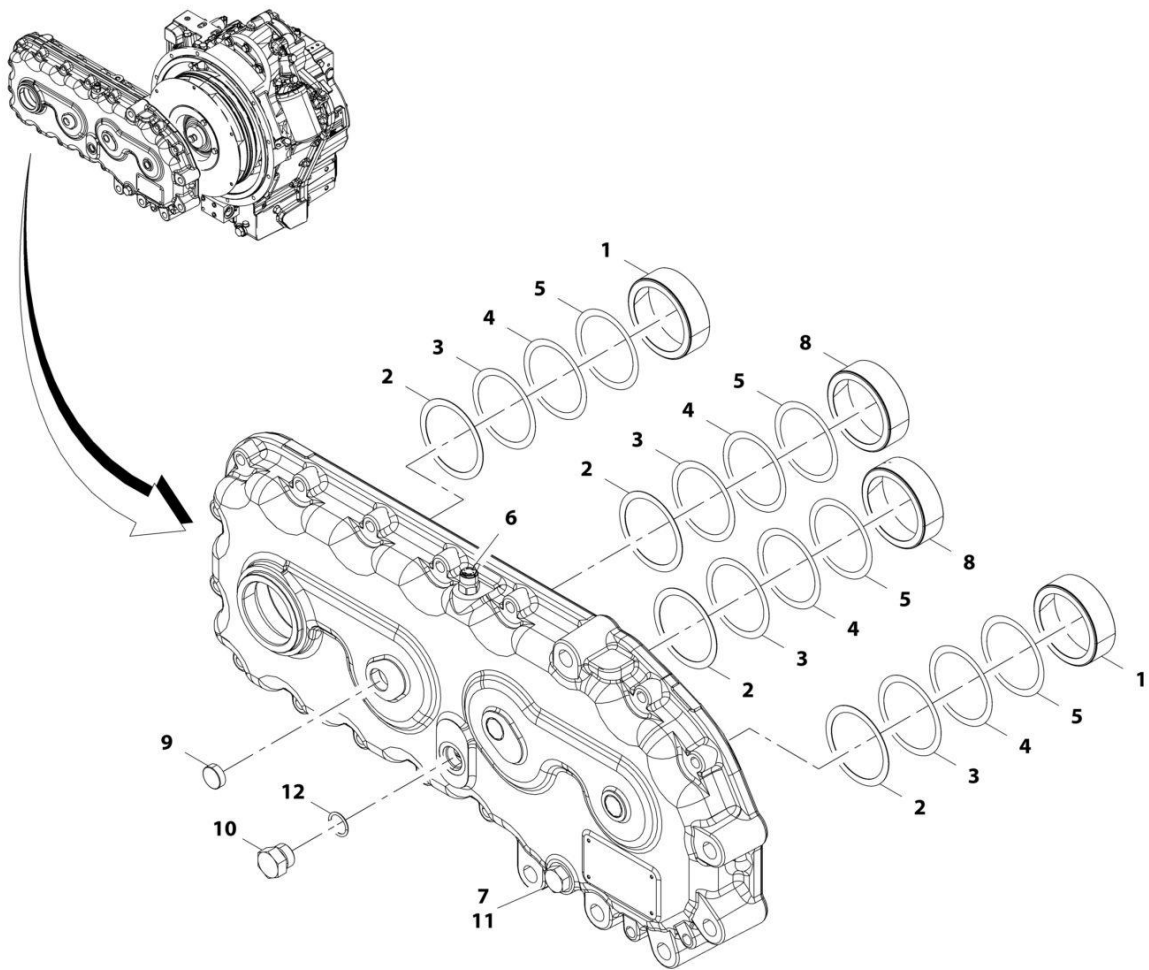
SECTION 5 - DRIVE TRAIN

FIGURE 5-19. FRONT TRANSFER CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027373	Ref	Front Transfer Case	
1	70025506	1	Plug	
2	70024635	1	Cup, Roller Bearing	
3	70025494	2	Cup, Bearing	
4	70025497	1	Cup, Roller Bearing	
5	70025495	2	Dowel	
6	70027387	1	O-Ring	

SECTION 5 - DRIVE TRAIN

FIGURE 5-20. REAR TRANSFER CASE



ART_70027375

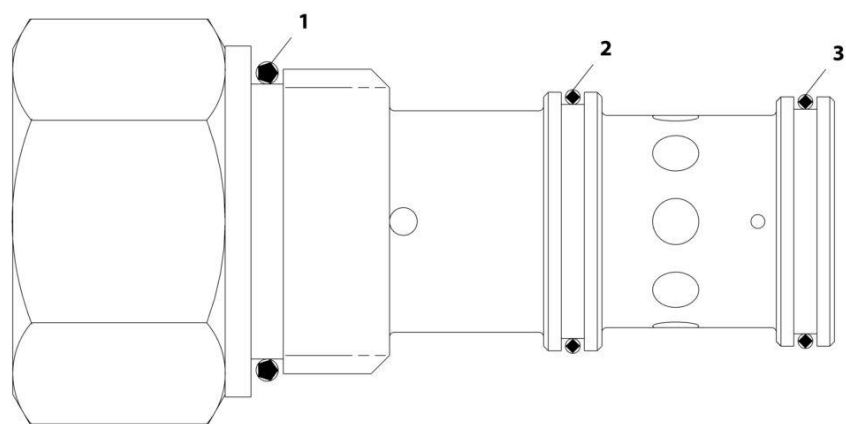
SECTION 5 - DRIVE TRAIN

FIGURE 5-20. REAR TRANSFER CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027375	Ref	Rear Transfer Case	
1	70025497	2	Cup, Roller Bearing	
2	70025502	4	Shim, 0.236	
3	70025501	4	Shim, 0.007	
4	70025500	4	Shim, 0.003	
5	70025499	4	Shim, 0.002	
6	70027374	1	Breather	
7	70024646	1	Plug	
8	70025494	2	Cup, Bearing	
9	70024641	3	Cap	
10	70025506	1	Plug	
11	7022730	1	O-Ring	
12	70027387	1	O-Ring	

SECTION 5 - DRIVE TRAIN

FIGURE 5-21. RELIEF VALVE



ART_70025469

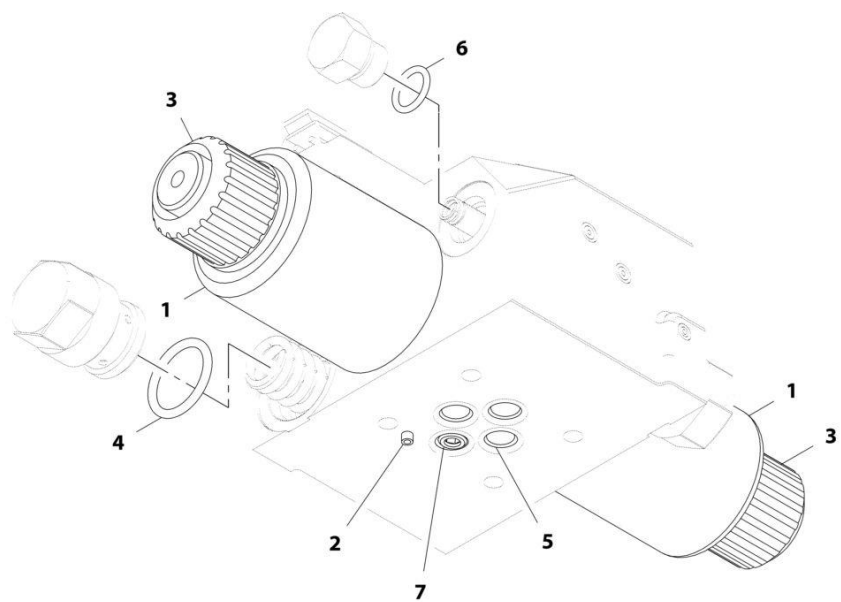
SECTION 5 - DRIVE TRAIN

FIGURE 5-21. RELIEF VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025469	Ref	Valve, Relief	
1	70027679	1	O-Ring	
2	70027678	1	O-Ring	
3	70027660	1	O-Ring	

SECTION 5 - DRIVE TRAIN

FIGURE 5-22. SOLENOID VALVE



ART_70027362

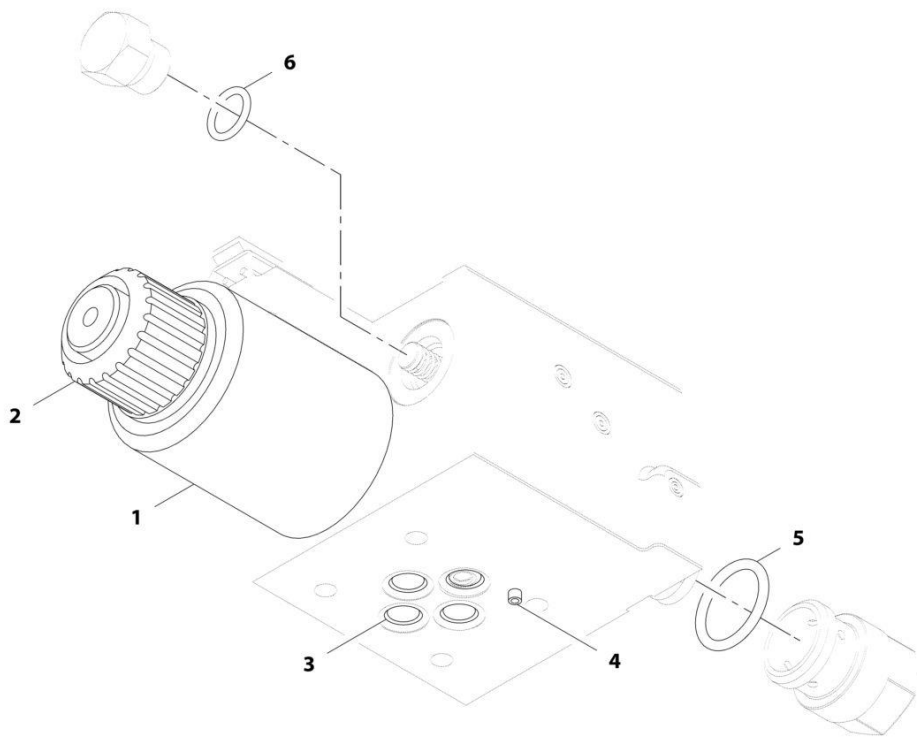
SECTION 5 - DRIVE TRAIN

FIGURE 5-22. SOLENOID VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027362	Ref	Solenoid Valve	
1	70025456	2	Coil, Solenoid	
2	70027389	1	Pin	
3	70025457	2	Assembly, Solenoid	
	70027677	1	O-Ring	
	70025455	1	Nut, Self Locking	
4	70027352	2	O-Ring	
5	70025466	4	O-Ring	
6	70027353	2	O-Ring	
7	70027361	1	Plug	

SECTION 5 - DRIVE TRAIN

FIGURE 5-23. SOLENOID VALVE



ART_70027363

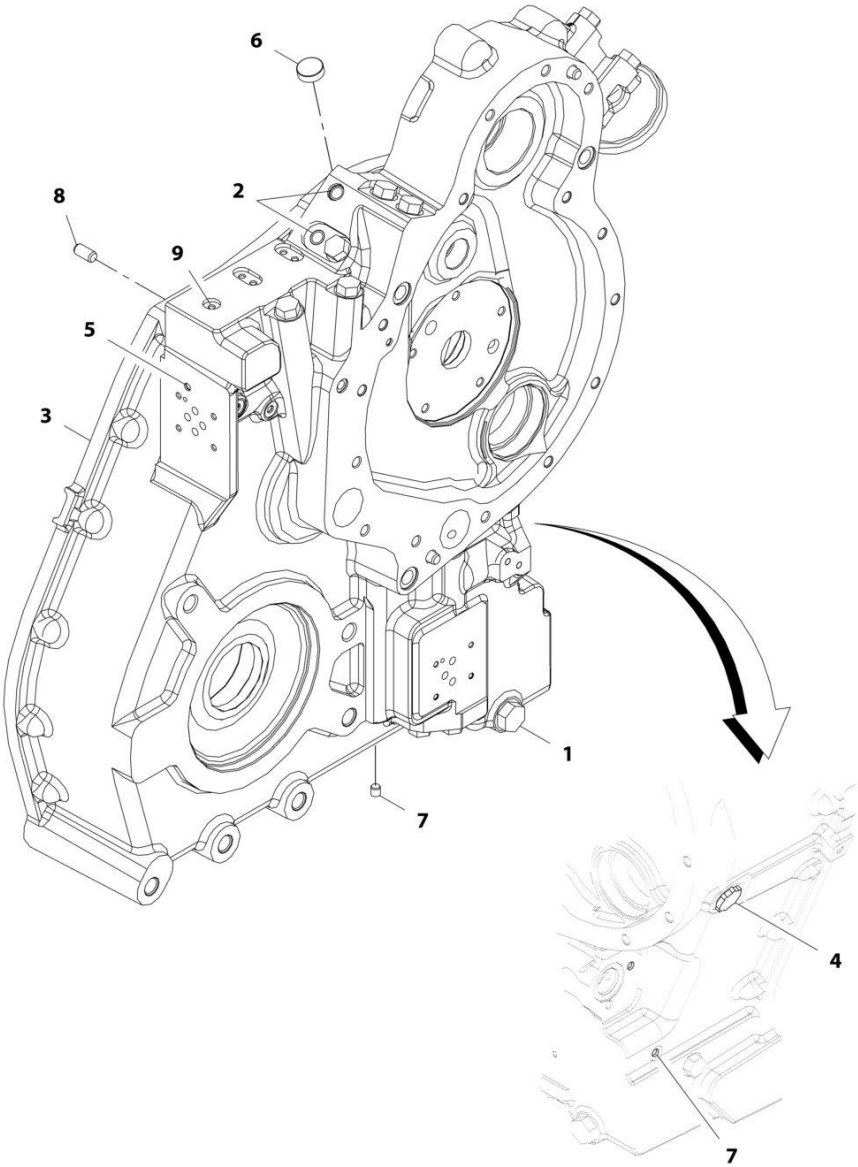
SECTION 5 - DRIVE TRAIN

FIGURE 5-23. SOLENOID VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027363	Ref	Solenoid Valve	
1	70025456	1	Coil, Solenoid	
2	70025457	1	Tube	
	70027677	1	O-Ring	
	70025455	1	Nut, Self Locking	
3	70025466	4	O-Ring	
4	70027389	1	Pin	
5	70027352	1	O-Ring	
6	70027353	1	O-Ring	

SECTION 5 - DRIVE TRAIN

FIGURE 5-24. FRONT TRANSMISSION CASE ASSEMBLY



ART_70025467

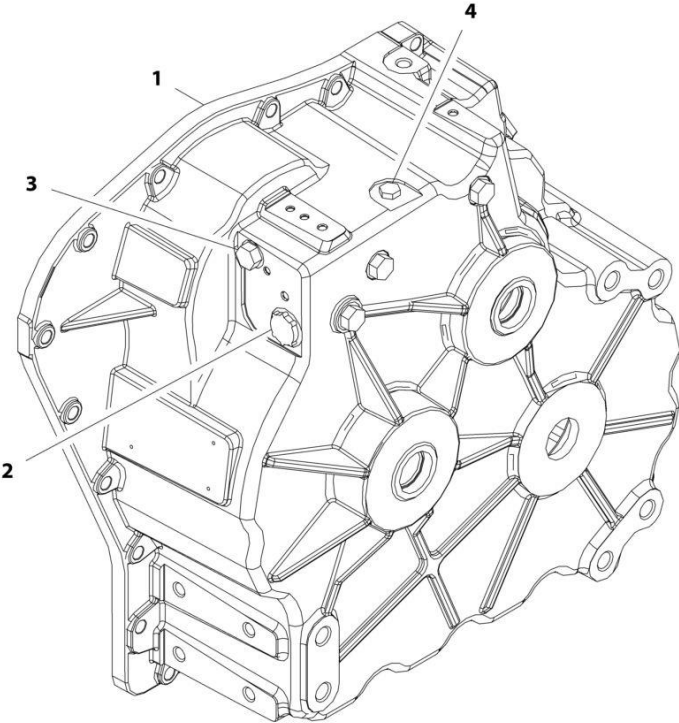
SECTION 5 - DRIVE TRAIN

FIGURE 5-24. FRONT TRANSMISSION CASE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025467	Ref	Front Transmission Case Assembly	
1	70024646	1	Plug	
2	70025471	2	Plug	
3	70027669	1	Case, Front Transmission	
	70027354	1	Adapter	
4	70027337	1	Plug	
5	70027338	4	Plug	
6	70024641	1	Cap	
7	70027339	3	Plug	
8	70025495	4	Dowel	
9	70027328	7	Plug	

SECTION 5 - DRIVE TRAIN

FIGURE 5-25. REAR TRANSMISSION CASE ASSEMBLY



ART_70025430

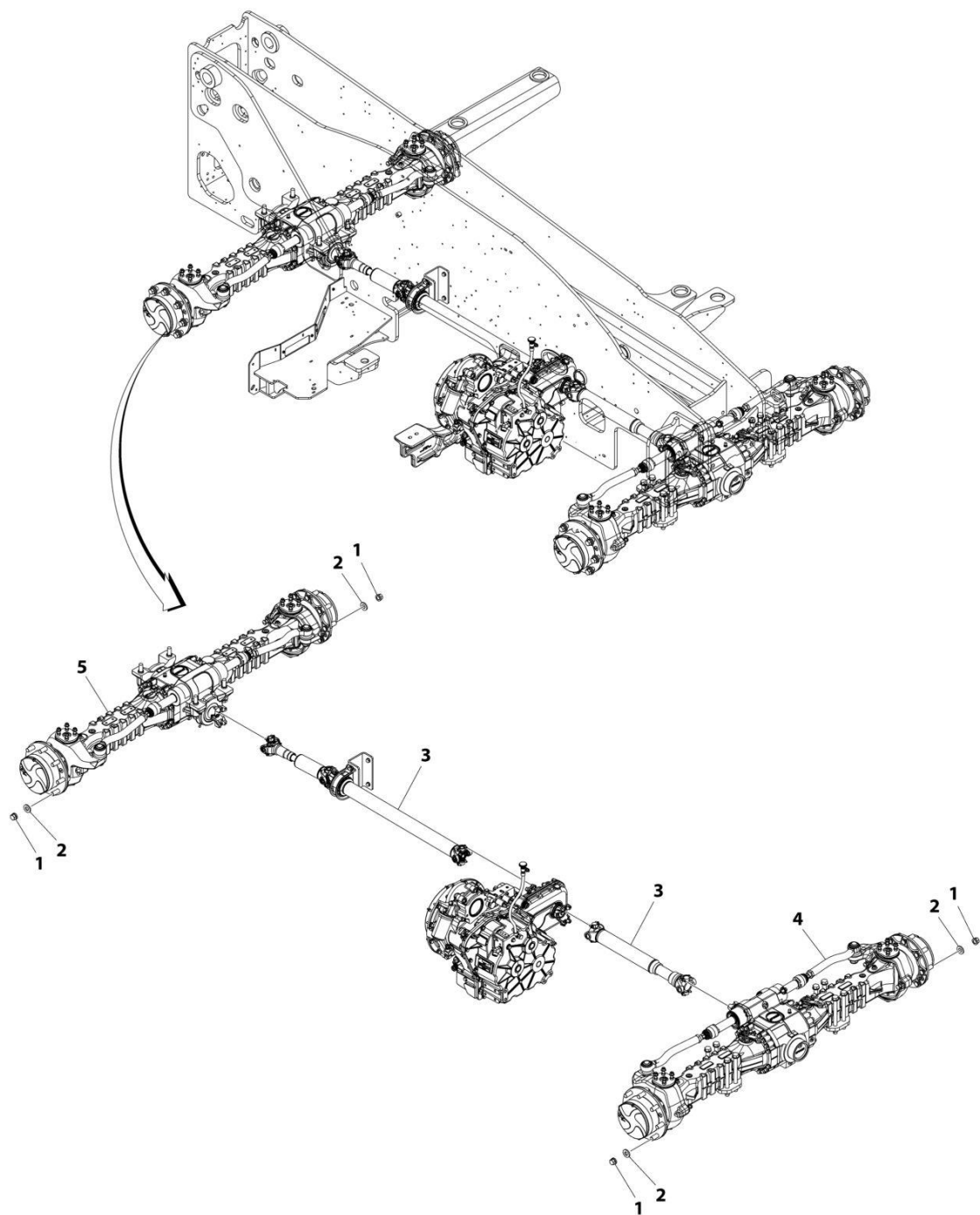
SECTION 5 - DRIVE TRAIN

FIGURE 5-25. REAR TRANSMISSION CASE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70025430	Ref	Rear Transmission Case Assembly	
	70027366	1	Case, Rear Transmission	
	70027338	4	Plug	
	70027339	4	Plug	
2	70027337	1	Plug	
3	70027663	4	Assembly, Plug	
	70025525	1	O-Ring	
	70025524	1	Plug	
4	70025529	1	Plug	

SECTION 5 - DRIVE TRAIN

FIGURE 5-26. DRIVESHAFT & AXLE INSTALLATION



ART_1001256360

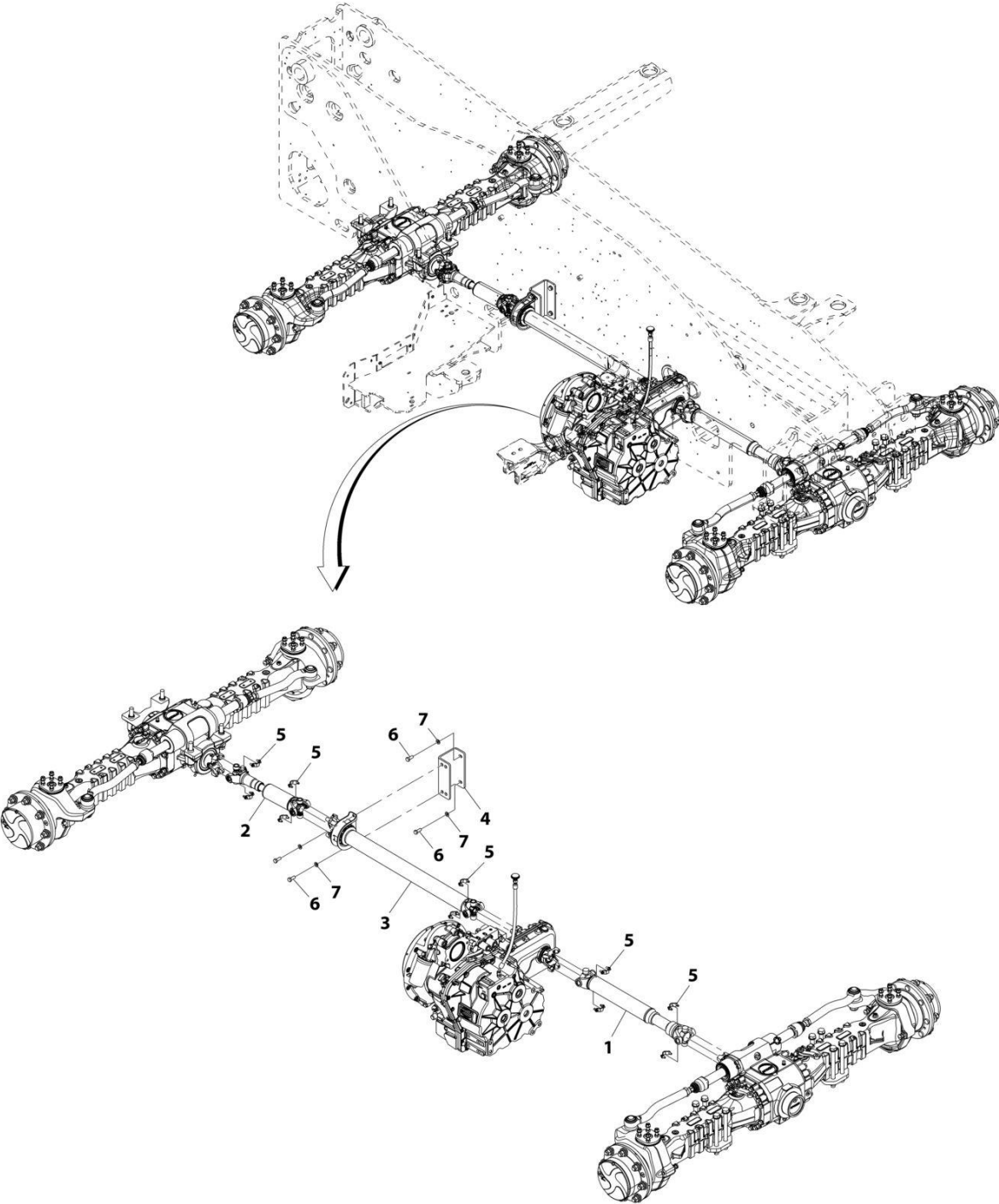
SECTION 5 - DRIVE TRAIN

FIGURE 5-26. DRIVESHAFT & AXLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256360	Ref	DRIVETRAIN INSTALLATION	D
1	3300479	32	Nut M22 (Without Free-Spinning Flange)	
1	91403193	32	Nut M22 Grade 8 (With Free-Spinning Flange)	
2	1001114802	32	Washer M22	
3	1001177638	1	Installation, Drive Shaft (See Separate Breakdown in this Section)	
4	1001256366	1	Installation, Front Axle (No Hydraulic Park Brake) (See Separate Breakdown in this Section)	
5	1001256367	1	Installation, Rear Axle (See Separate Breakdown in this Section)	

SECTION 5 - DRIVE TRAIN

FIGURE 5-27. DRIVE SHAFTS INSTALLATION



ART_1001177638-B

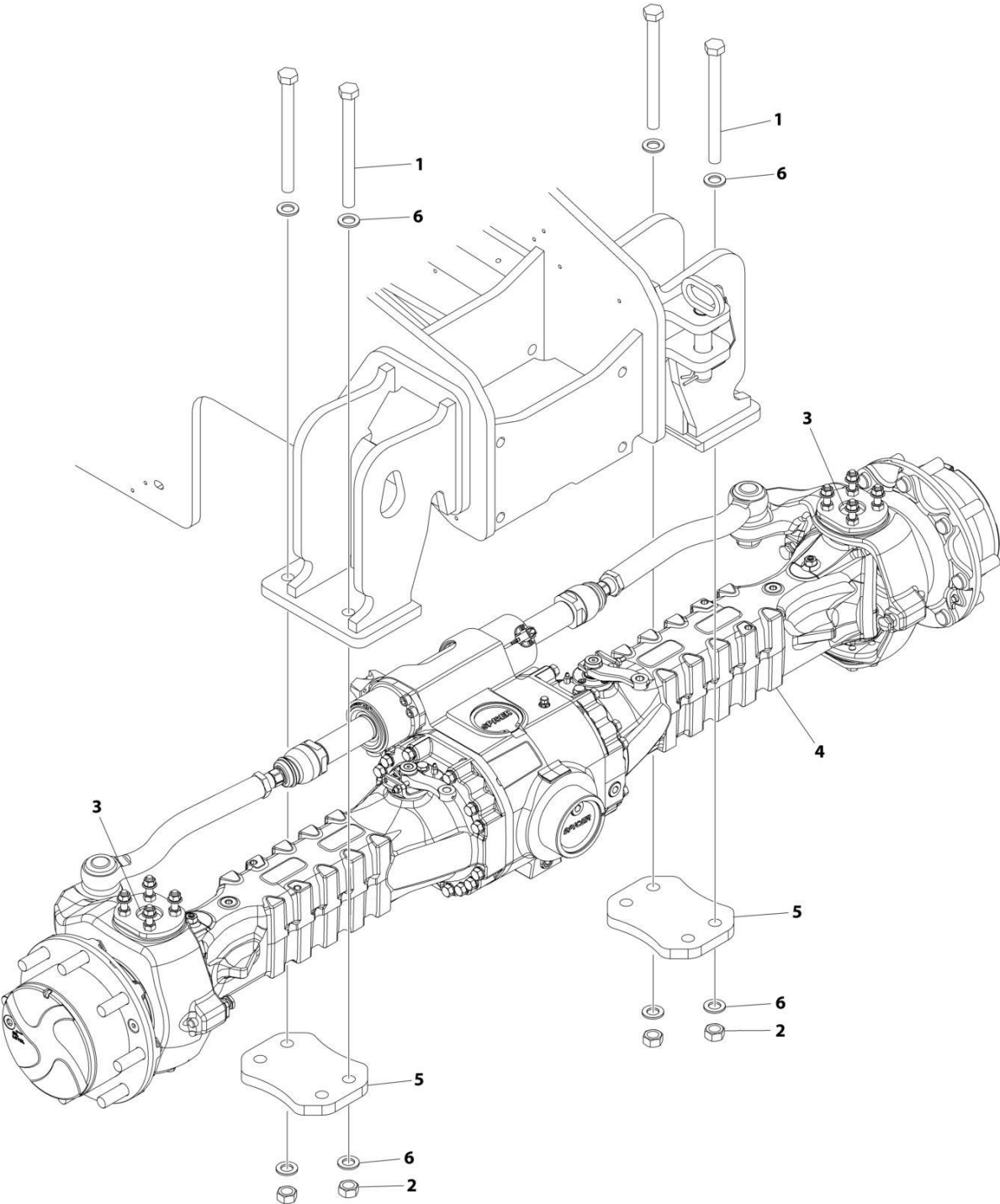
SECTION 5 - DRIVE TRAIN

FIGURE 5-27. DRIVE SHAFTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177638	Ref	Drive Shafts Installation	B
1	1001174879	1	Shaft, Drive	
2	1001174880	1	Shaft, Drive	
3	1001174881	1	Shaft, Drive	
4	1001177870	1	Support	
5	8005079	10	Clampset	
6	0761214	4	Bolt, M12X30	
7	4812100	4	Washer, M12	

SECTION 5 - DRIVE TRAIN

FIGURE 5-28. FRONT AXLE INSTALLATION



ART_1001256366_B

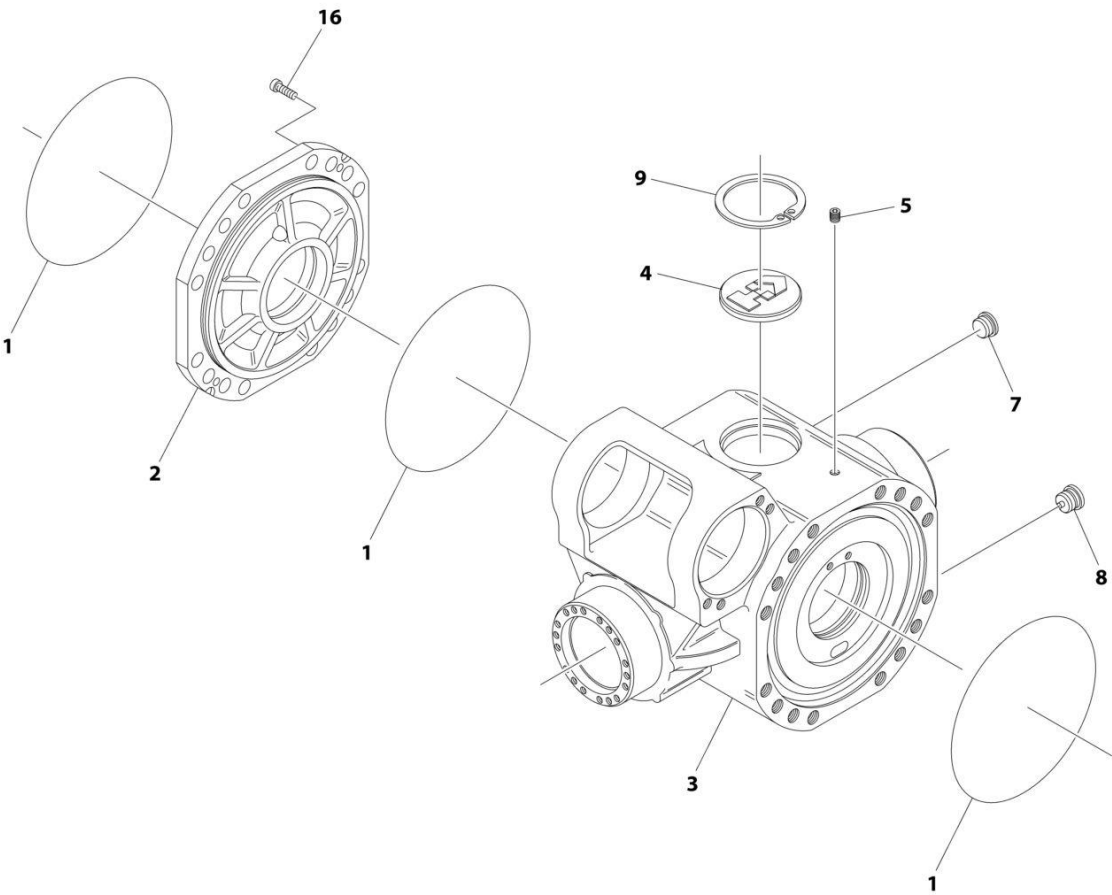
SECTION 5 - DRIVE TRAIN

FIGURE 5-28. FRONT AXLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256366	Ref	FRONT AXLE INSTALLATION (NO HYDRAULIC PARK BRAKE)	B
1	0712040	8	Bolt M20 x 230, Grade 10.9	
2	3332011	8	Nut M20 x 2.5	
3	1001008462	AR	Grease	
4	1001270167	1	Installation, Front Axle (No Hydraulic Park Brake) (See Separate Breakdown in this Section)	
5	1001190542	2	Plate	
6	1001197130	16	Washer	

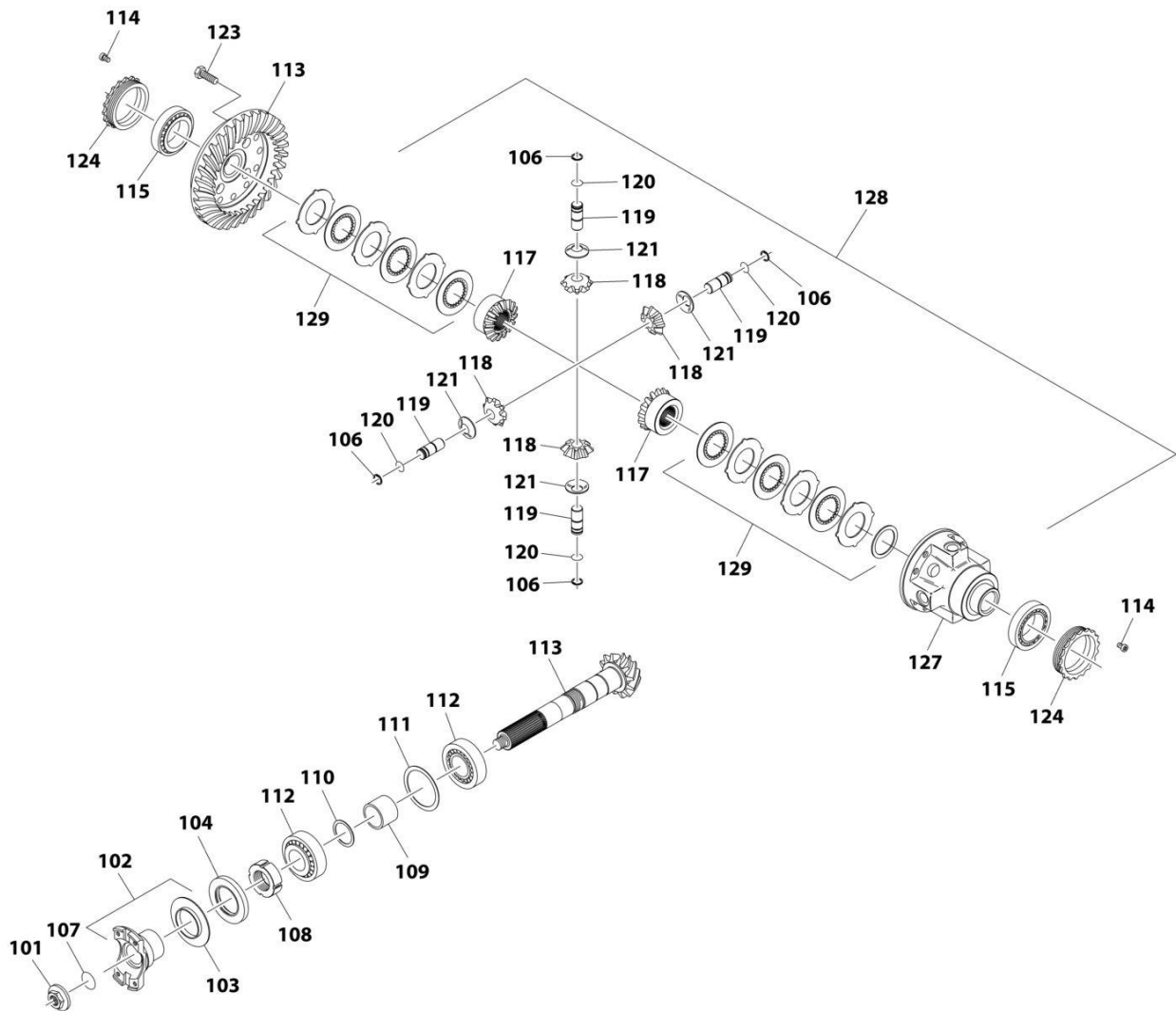
SECTION 5 - DRIVE TRAIN

FIGURE 5-29. FRONT AXLE ASSEMBLY



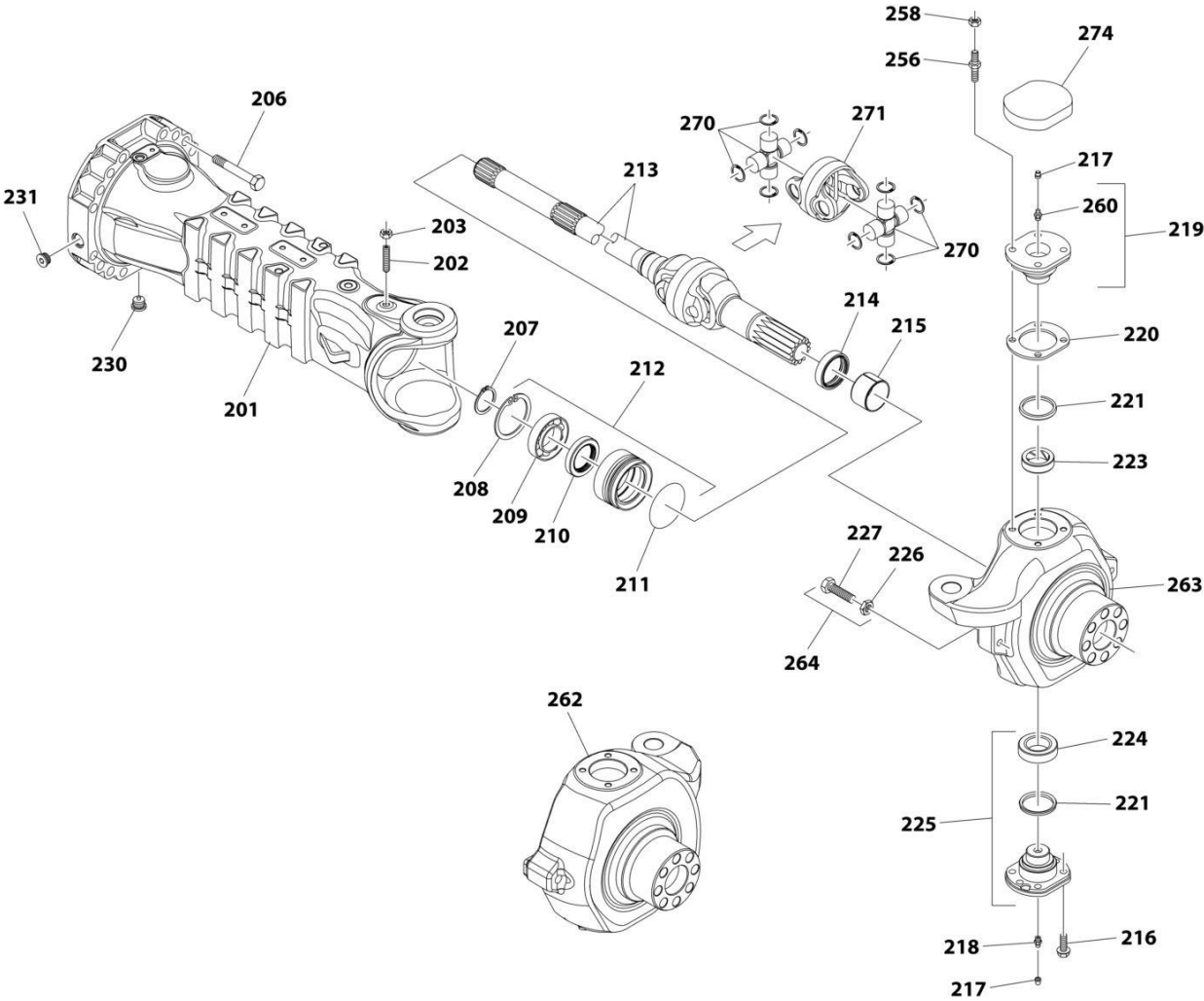
ART_1001270167_1OF6

SECTION 5 - DRIVE TRAIN



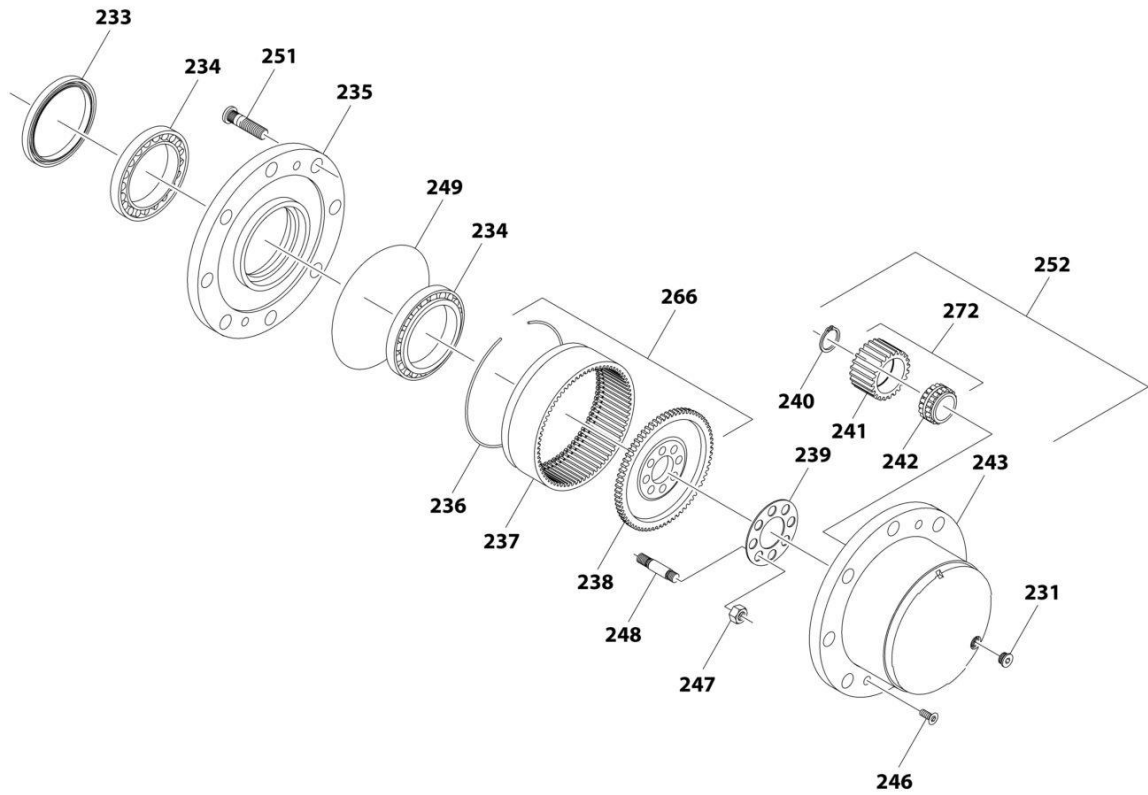
ART_1001270167_20F6

SECTION 5 - DRIVE TRAIN



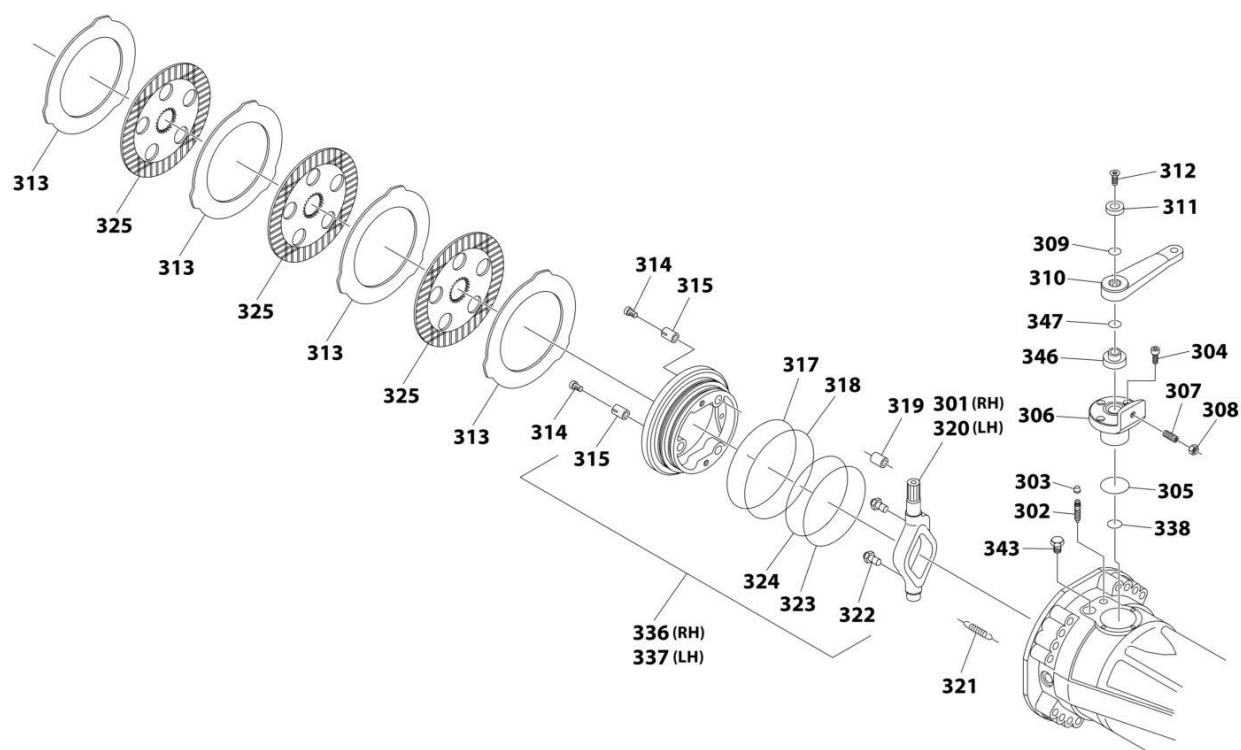
ART_1001270167_30F6

SECTION 5 - DRIVE TRAIN



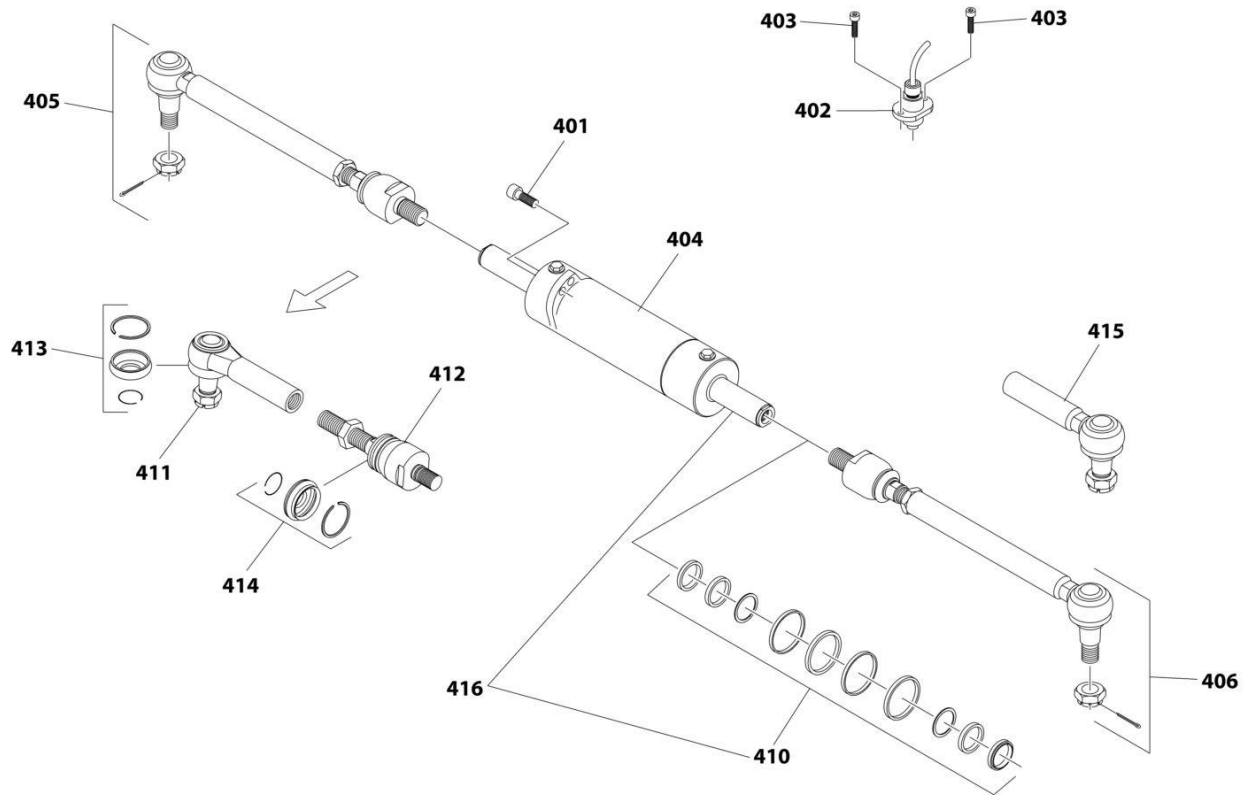
ART_1001270167_4OF6

SECTION 5 - DRIVE TRAIN



ART_1001270167_50F6

SECTION 5 - DRIVE TRAIN



ART_1001270167_60F6

SECTION 5 - DRIVE TRAIN

FIGURE 5-29. FRONT AXLE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270167	Ref	AXLE ASSEMBLY	B
		Ref	Central Housing Assembly	
1	91474507	3	O-Ring	
2	70027107	1	Cover	
3	70026749	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Plug	
7	91514188	1	Plug	
8	7028706	1	Plug	
9	80204005	1	Circlip	
16	91474591	4	Bolt	
		Ref	Differential Assembly	
101	70026631	1	Nut	
102	7029427	1	Flange	
103	91474531	1	Cover	
104	70024522	1	Seal	
106	91474550	4	Circlip	
107	91474529	1	O-Ring	
108	91474533	1	Ring Nut	
109	91474539	1	Spacer	
110	70025556	1	Shim Kit	
111	70025555	1	Shim Kit	
112	3968141	2	Bearing	
113	8007749	1	Gear Set	
114	91514134	2	Bolt	
115	70028471	2	Bearing	
117	91474549	2	Gear, Side	
118	91474554	4	Gear, Pinion	
119	7029131	4	Pin	
120	91474551	4	Circlip	
121	91474553	4	Washer	
123	70025562	12	Bolt	
124	91474547	2	Ring Nut	
127	91474555	1	Carrier	
128	70028940	1	Differential Sub-Assembly (Includes Items 106, 117-121, 127 & 129)	
129	8007755	2	Disc	
		Ref	Hub Reduction Assembly	
201	70028906	2	Case, Axle	
202	2400600	2	Bolt	
203	91514082	2	Nut	
206	7029428	28	Bolt	
207	80204071	2	Circlip	
208	80204005	2	Circlip	
209	91514146	2	Bearing	
210	91514147	2	Seal	
211	91514148	2	O-Ring	
212	70030992	2	Bushing Kit (Includes Bushing & Items 208-211)	
213	70029869	2	Joint, Universal	
214	8007771	2	Seal	

SECTION 5 - DRIVE TRAIN

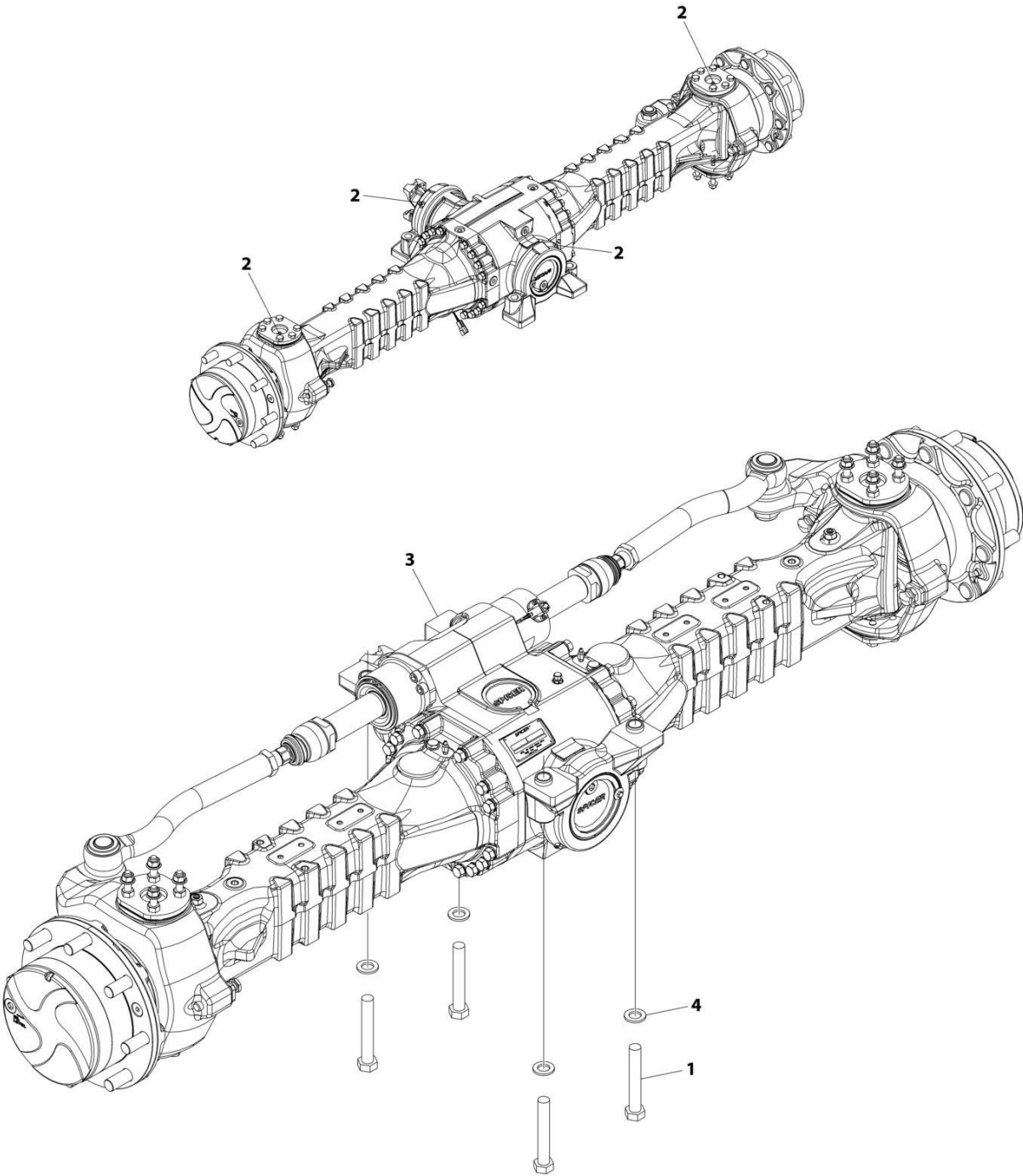
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
215	8004468	2	Bushing	
216	70025562	12	Bolt	
217	80204117	4	Plug	
218	91514099	2	Grease Fitting	
219	70025567	2	Pivot (Includes Item 218)	
220	70028536	1	Shim Kit	
221	2401043	2	Seal	
223	70020173	2	Bushing	
224	2401258	2	Seal	
225	8006605	2	Pivot Kit (Includes Pivot and Items 221 & 224)	
226	80204065	4	Nut	
227	91514117	4	Bolt	
230	7028706	2	Plug	
231	91514188	4	Plug	
233	7029430	2	Seal	
234	70030251	4	Bearing	
235	70028537	2	Hub	
236	91474579	2	Circlip	
237	91474580	2	Ring Gear	
238	3983720	2	Support, Ring Gear	
239	3983731	2	Plate, Locking	
240	91474585	8	Circlip	
241	70028473	8	Gear, Planet	
242	70028474	8	Bearing	
243	70026821	2	Carrier, Planet Gear	
246	91514189	4	Bolt	
247	91474584	16	Nut	
248	70027315	16	Stud	
249	91474507	2	O-Ring	
251	70030365	16	Wheel Stud	
252	70026827	2	Planet Gear Carrier Kit (Includes Housing and Items 240-243)	
256	70025819	8	Stud	
258	70027320	8	Nut	
260	7028115	2	Grease Fitting	
262	70030274	1	Case, Steer (LH) (Includes Item 215)	
263	70030264	1	Case, Steer (RH) (Includes Item 215)	
264	70028733	4	Bolt Kit (Includes Items 226 & 227)	
266	7029432	2	Ring Gear Kit (Includes Items 236-238)	
270	70030933	2	Joint Cross	
271	70030994	1	Center, Joint	
272	70027114	8	Planet Gear Kit (Includes Items 241 & 242)	
274	70028392	2	Cover	
		Ref	Brake Assembly	
301	8007785	1	Lever (RH)	
302	2960243	2	Bolt, Bleeding	
303	80204117	2	Plug	
304	2401736	6	Bolt	
305	3986405	2	O-Ring	
306	70030250	2	Bushing	
307	8002798	2	Setscrew	
308	8008168	2	Nut	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
309	7028038	2	O-Ring	
310	70030248	2	Lever, Brake	
311	7028039	2	Washer	
312	8008169	2	Screw	
313	70025823	10	Disc, Intermediate Brake	
314	7029786	6	Bolt	
315	70027317	3	Spring	
317	70025821	1	O-Ring	
318	70025821	1	O-Ring	
319	70021613	2	Bolt	
320	8007786	1	Lever (LH)	
321	3984425	6	Spring	
322	2903197	2	Pusher	
323	70025822	1	O-Ring	
324	70025822	1	O-Ring	
325	91474568	8	Disc	
336	70027319	1	Piston Kit (RH) (Includes Piston and Items 315, 317, 318 & 322-324)	
337	70027318	1	Piston Kit (LH) (Includes Piston and Items 315, 317, 318 & 322-324)	
338	8007802	2	O-Ring	
343	91514154	2	Plug	
346	70030247	2	Bushing	
347	70030249	2	O-Ring	
		Ref	Steering Assembly	
401	91474522	4	Bolt	
402	70031002	1	Sensor	
403	8008175	2	Bolt	
404	70031000	1	Cylinder	
405	70026819	1	Tie Rod (RH)	
406	70026820	1	Tie Rod (LH)	
410	70031001	1	Seal Kit Less Rod (Includes Seals Only)	
411	70028907	1	Joint, 90 Degree (RH)	
412	70028476	2	Joint, Axial (1 Per Side)	
413	70028477	2	Rubber Boot & Locking Ring Kit (1 Per Side)	
414	70028468	2	Rubber Boot & Locking Ring Kit (1 Per Side)	
415	70028908	1	Joint, 90 Degree (LH)	
416	70031003	1	Seal & Rod Kit (Includes Seals & Rod)	

SECTION 5 - DRIVE TRAIN

FIGURE 5-30. REAR AXLE INSTALLATION



ART_1001256367_B

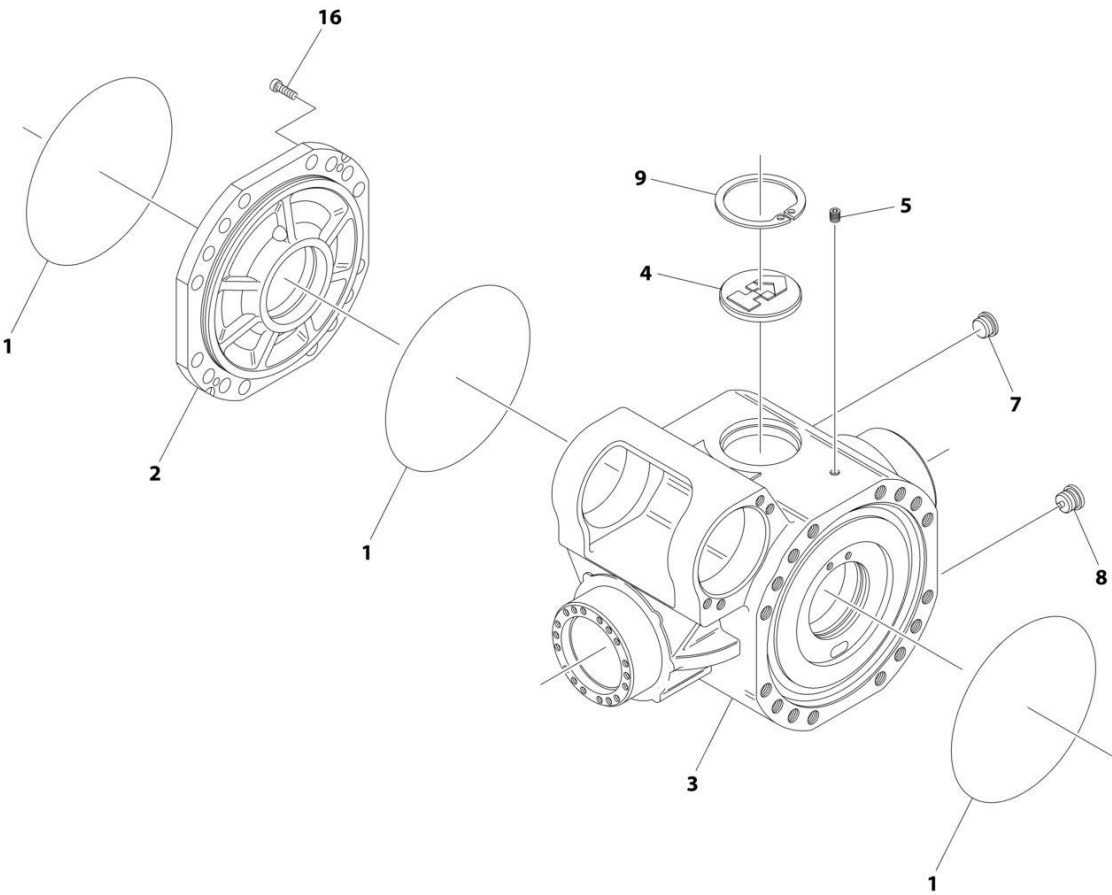
SECTION 5 - DRIVE TRAIN

FIGURE 5-30. REAR AXLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256367	Ref	Rear Axle Installation	B
1	0712030	4	Bolt, M20X130 Grade 10.9	
2	1001008462	AR	Grease	
3	1001270170	1	Installation, Rear Axle (See Separate Breakdown in this Section)	
4	1001197130	4	Washer	

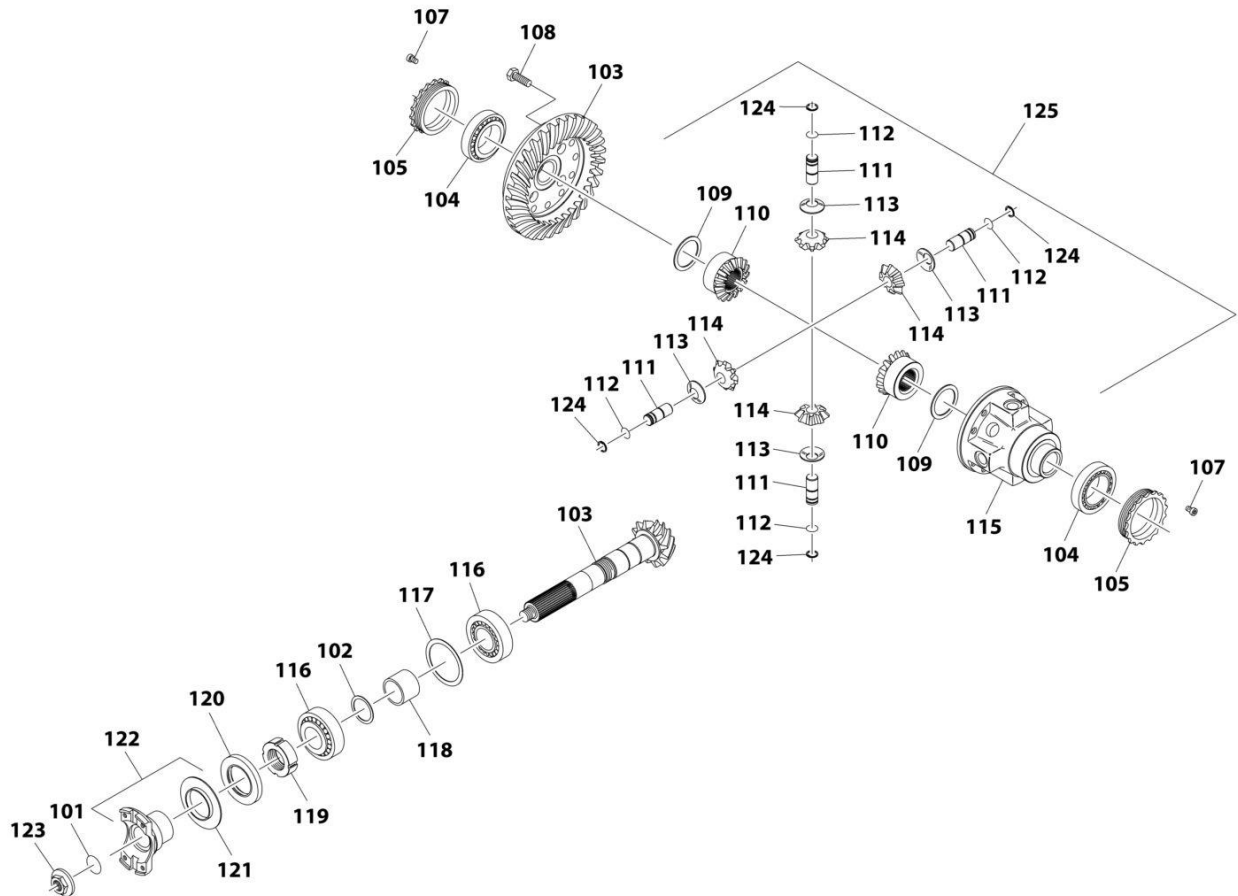
SECTION 5 - DRIVE TRAIN

FIGURE 5-31. REAR AXLE ASSEMBLY



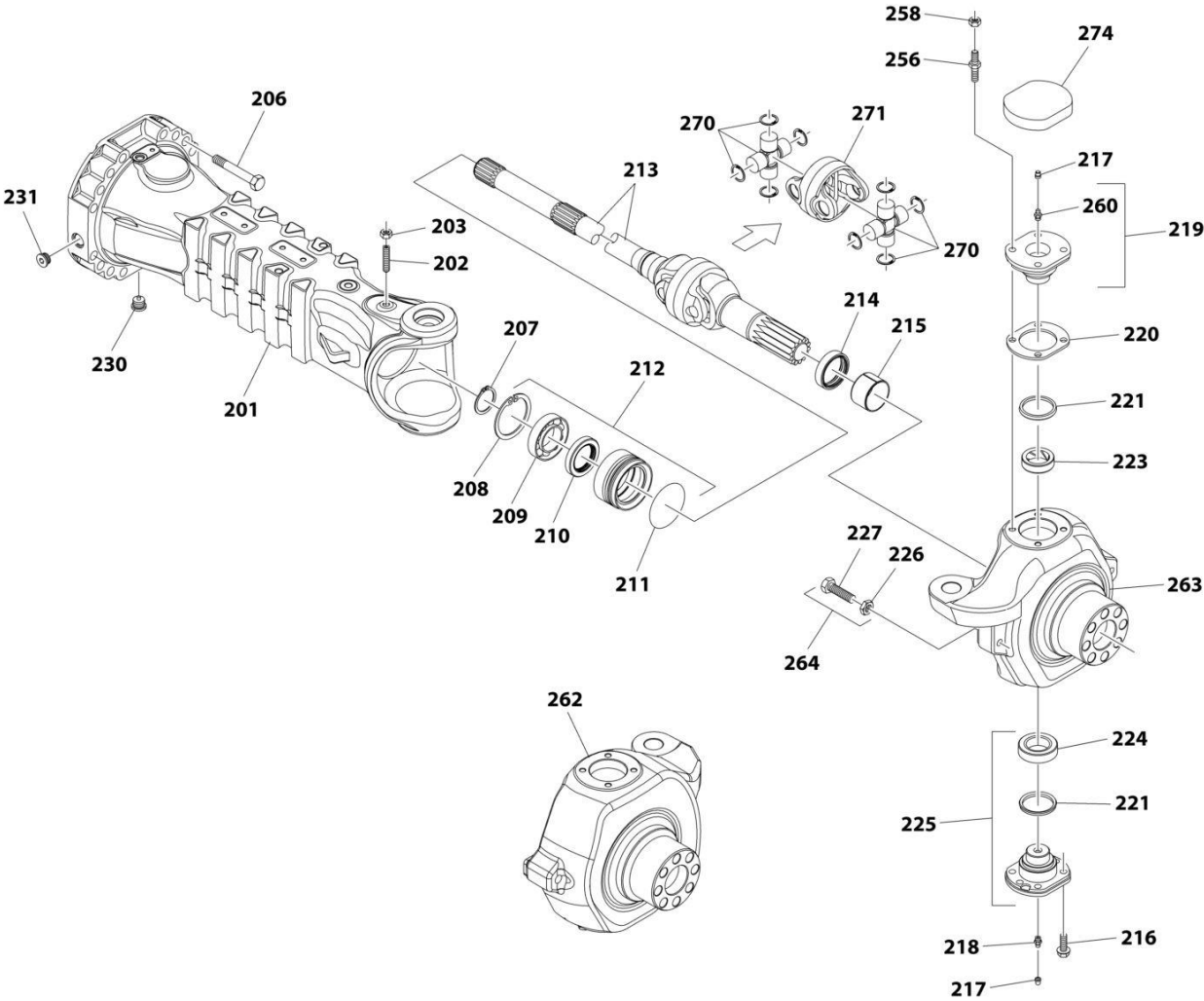
ART_1001270170_1OF7

SECTION 5 - DRIVE TRAIN



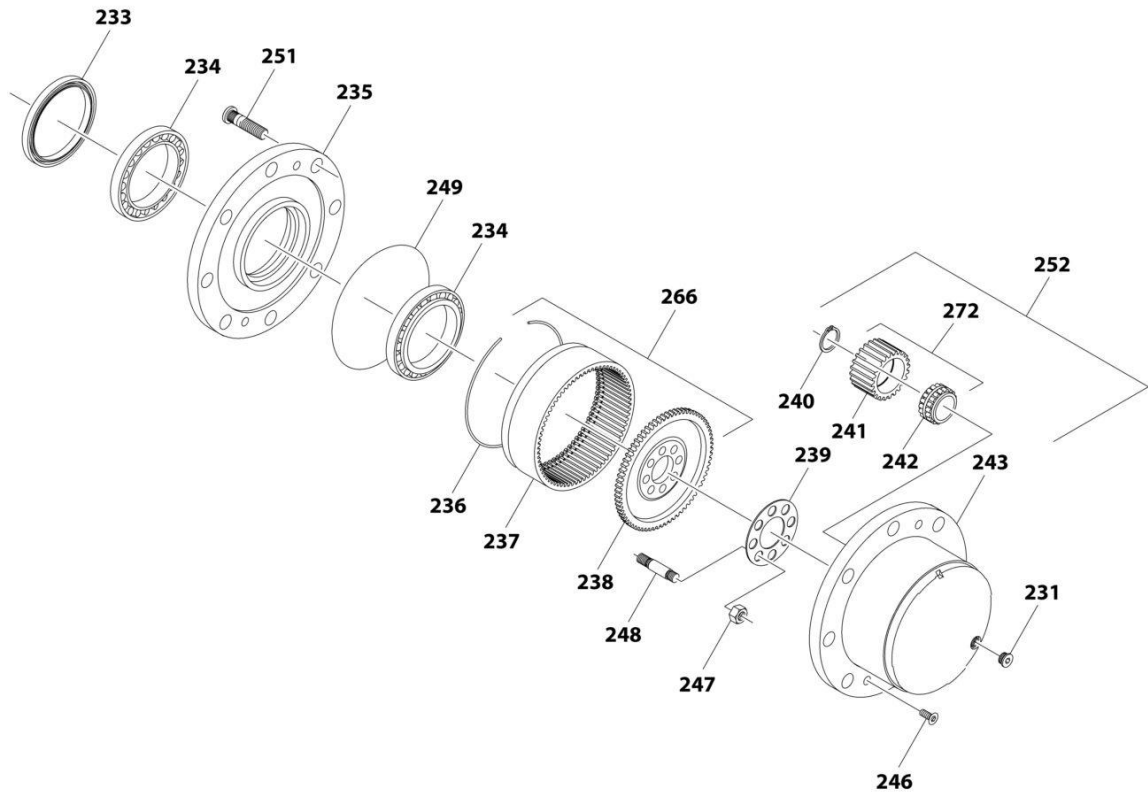
ART_1001270170_2OF7

SECTION 5 - DRIVE TRAIN



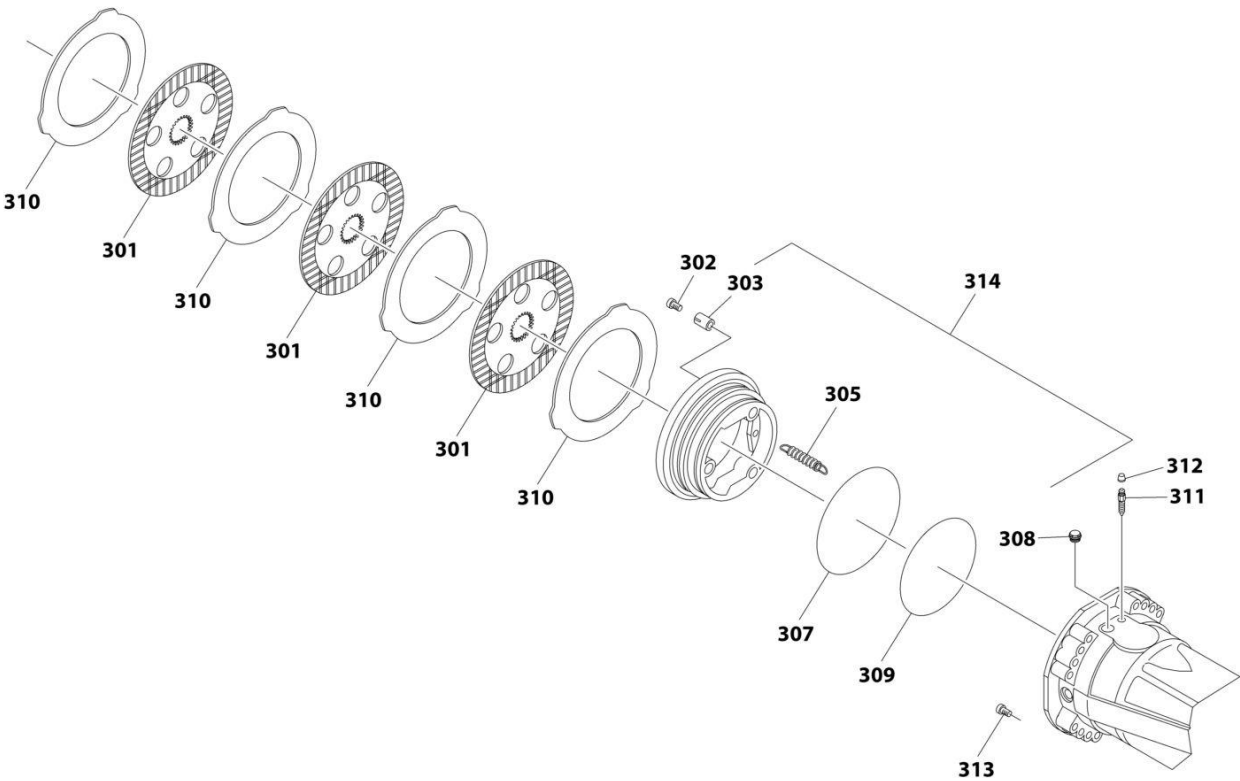
ART_1001270170_3OF7

SECTION 5 - DRIVE TRAIN



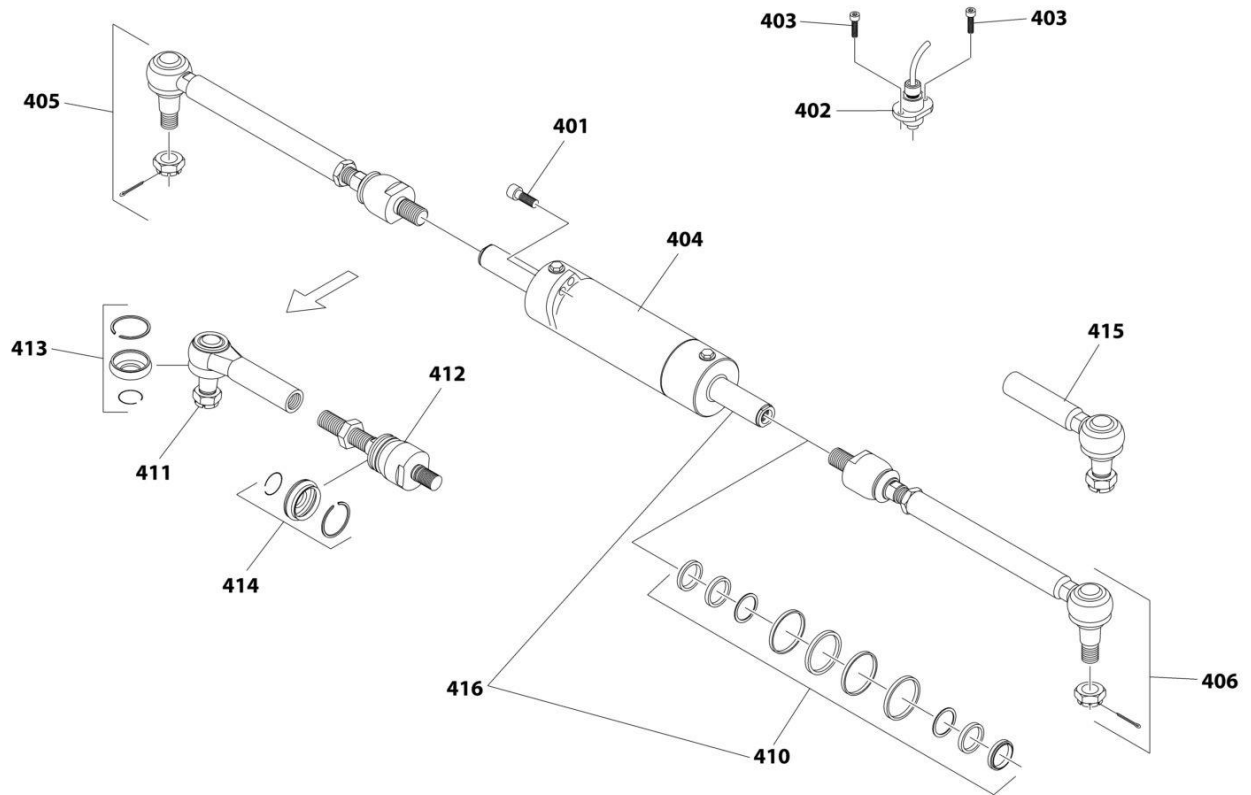
ART_1001270170_4OF7

SECTION 5 - DRIVE TRAIN



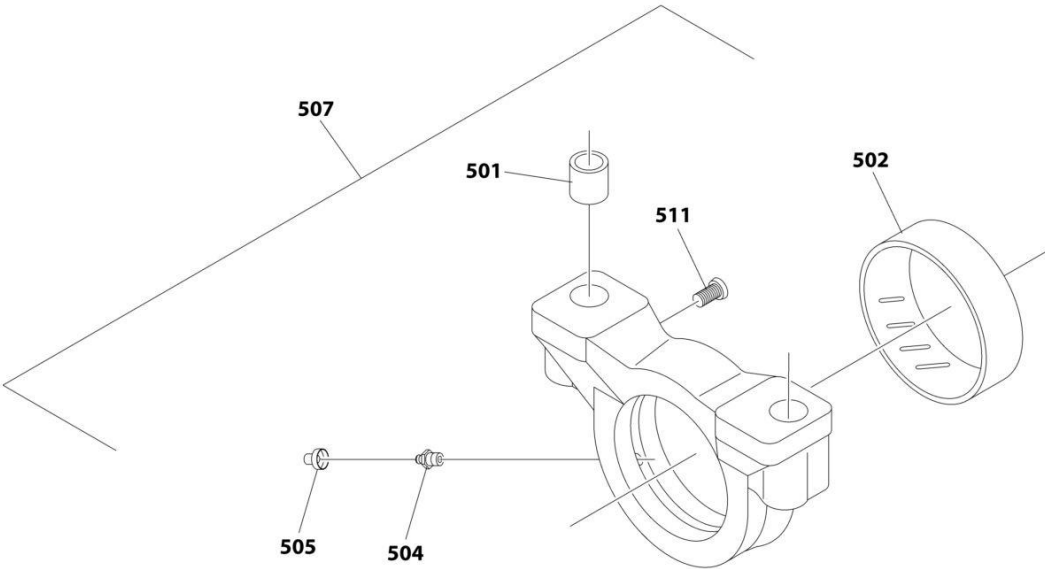
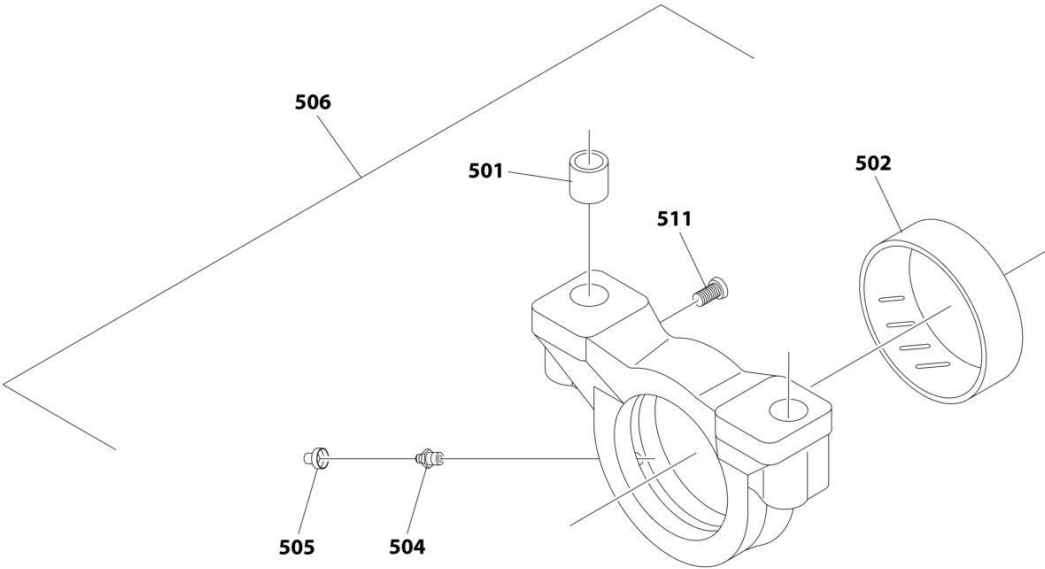
ART_1001270170_SOF7

SECTION 5 - DRIVE TRAIN



ART_1001270170_6OF7

SECTION 5 - DRIVE TRAIN



ART_1001270170_7OF7

SECTION 5 - DRIVE TRAIN

FIGURE 5-31. REAR AXLE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270170	Ref	AXLE ASSEMBLY	C
		Ref	Central Housing Assembly	
1	91474507	3	O-Ring	
2	70027107	1	Cover	
3	70026749	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Plug	
7	91514188	1	Plug	
8	7028706	1	Plug	
9	80204005	1	Circlip	
16	91474591	4	Bolt	
		Ref	Differential Assembly	
101	91474529	1	O-Ring	
102	70025556	1	Shim Kit	
103	7028043	1	Gear Set	
104	70028471	2	Bearing	
105	91474547	2	Ring Nut	
107	91514134	2	Bolt	
108	70025562	12	Bolt	
109	91474593	2	Washer	
110	70025569	2	Gear, Side	
111	7029131	4	Pin	
112	91474551	4	Circlip	
113	91474553	4	Washer	
114	70025570	4	Gear, Pinion	
115	91474595	1	Carrier	
116	3968141	2	Bearing	
117	70025555	1	Shim Kit	
118	91474539	1	Spacer	
119	91474533	1	Ring Nut	
120	70024522	1	Seal	
121	91474531	1	Cover	
122	7029427	1	Flange	
123	70026631	1	Nut	
124	91474550	4	Circlip	
125	70021140	1	Differential Sub-Assembly (Includes Items 109-115 & 124)	
		Ref	Hub Reduction Assembly	
201	70027108	2	Case, Axle	
202	2400600	2	Bolt	
203	91514082	2	Nut	
206	7029428	28	Bolt	
207	80204071	2	Circlip	
208	80204005	2	Circlip	
209	91514146	2	Bearing	
210	91514147	2	Seal	
211	91514148	2	O-Ring	
212	70030992	2	Bushing Kit (Includes Bushing & Items 208-211)	
213	70029869	2	Joint, Universal	
214	8007771	2	Seal	
215	8004468	2	Bushing	

SECTION 5 - DRIVE TRAIN

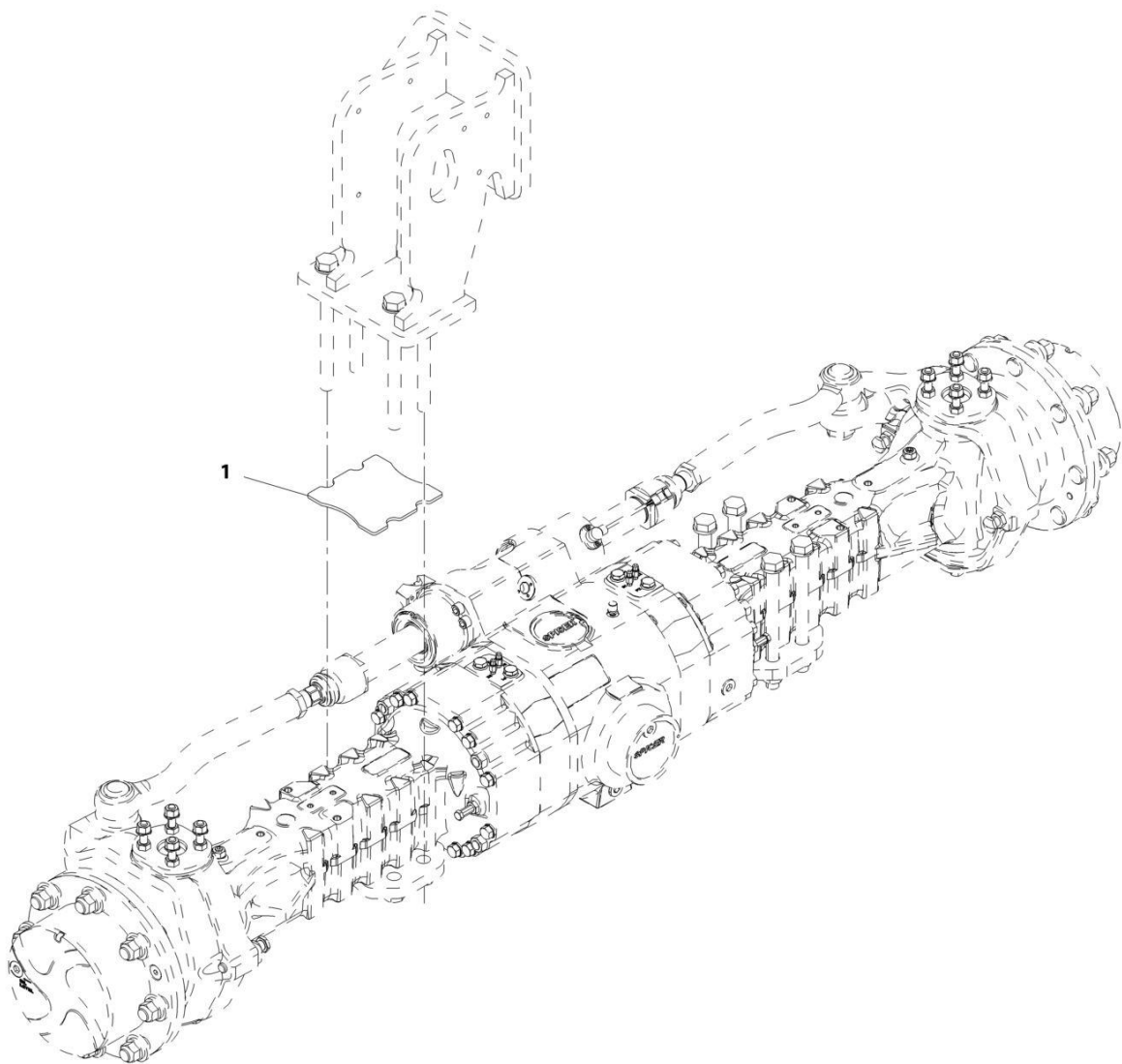
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
216	70025562	12	Bolt	
217	80204117	4	Plug	
218	70024881	2	Grease Fitting	
219	70025567	2	Pivot (Includes Item 218)	
220	70028536	1	Shim Kit	
221	2401043	2	Seal	
223	70020173	2	Bushing	
224	2401258	2	Seal	
225	8006605	2	Pivot Kit (Includes Pivot and Items 221 & 224)	
226	80204065	4	Nut	
227	7028733	4	Bolt	
230	7028706	2	Plug	
231	91514188	4	Plug	
233	7029430	2	Seal	
234	70030251	4	Bearing	
235	70028537	2	Hub	
236	91474579	2	Circlip	
237	91474580	2	Ring Gear	
238	3983720	2	Support, Ring Gear	
239	3983731	2	Plate, Locking	
240	91474585	8	Circlip	
241	70028473	8	Gear, Planet	
242	70028474	8	Bearing	
243	70026821	2	Carrier, Planet Gear	
246	91514189	4	Bolt	
247	91474584	16	Nut	
248	70027315	16	Stud	
249	91474507	2	O-Ring	
251	70030365	16	Wheel Stud	
252	70026827	2	Planet Gear Carrier Kit (Includes Housing and Items 240-243)	
256	70025819	8	Stud	
258	70027320	8	Nut	
260	7028115	2	Grease Fitting	
262	70030274	1	Case, Steer (LH) (Includes Item 215)	
263	70030264	1	Case, Steer (RH) (Includes Item 215)	
264	70028733	4	Bolt Kit (Includes Items 226 & 227)	
266	7029432	2	Ring Gear Kit (Includes Items 236-238)	
270	70030933	2	Joint Cross	
271	70030994	1	Center, Joint	
272	70027114	8	Planet Gear Kit (Includes Items 241 & 242)	
274	70028392	2	Cover	
		Ref	Brake Assembly	
301	91474568	6	Disc	
302	7029786	6	Bolt, Adjusting	
303	70027317	6	Spring	
305	3984425	6	Spring	
307	70025821	2	O-Ring	
308	91514154	2	Plug	
309	70025822	2	O-Ring	
310	70025823	8	Disc, Intermediate Brake	
311	2960243	2	Bolt, Bleeding	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
312	80204117	2	Plug	
313	70021613	2	Bolt	
314	70027316	2	Brakes Piston Kit (Includes Items 303-305, 307 & 309)	
		Ref	Steering Assembly	
401	91474522	4	Bolt	
402	70031002	1	Sensor	
403	8008175	2	Bolt	
404	70031000	1	Cylinder	
405	70026819	1	Tie Rod (RH)	
406	70026820	1	Tie Rod (LH)	
410	70031001	1	Seal Kit Less Rod (Includes Seals Only)	
411	70028907	1	Joint, 90 Degree (RH)	
412	70028476	2	Joint, Axial (1 Per Side)	
413	70028477	2	Rubber Boot & Locking Ring Kit (1 Per Side)	
414	70028468	2	Rubber Boot & Locking Ring Kit (1 Per Side)	
415	70028908	1	Joint, 90 Degree (LH)	
416	70031003	1	Seal & Rod Kit (Includes Seals & Rod)	
		Ref	Trunion Assembly	
501	91474516	4	Bushing	
502	7028082	2	Bushing	
504	91514099	2	Grease Fitting	
505	80204117	2	Plug	
506	70026630	1	Trunion Kit (Front) (Includes Trunion and Items 501,502,504,505 & 511)	
507	70026630	1	Trunion Kit (Rear) (Includes Trunion and Items 501,502,504,505 & 511)	
511	70025884	2	Bolt	

SECTION 5 - DRIVE TRAIN

FIGURE 5-32. AXLE SHIM INSTALLATION



ART_1001186574-C

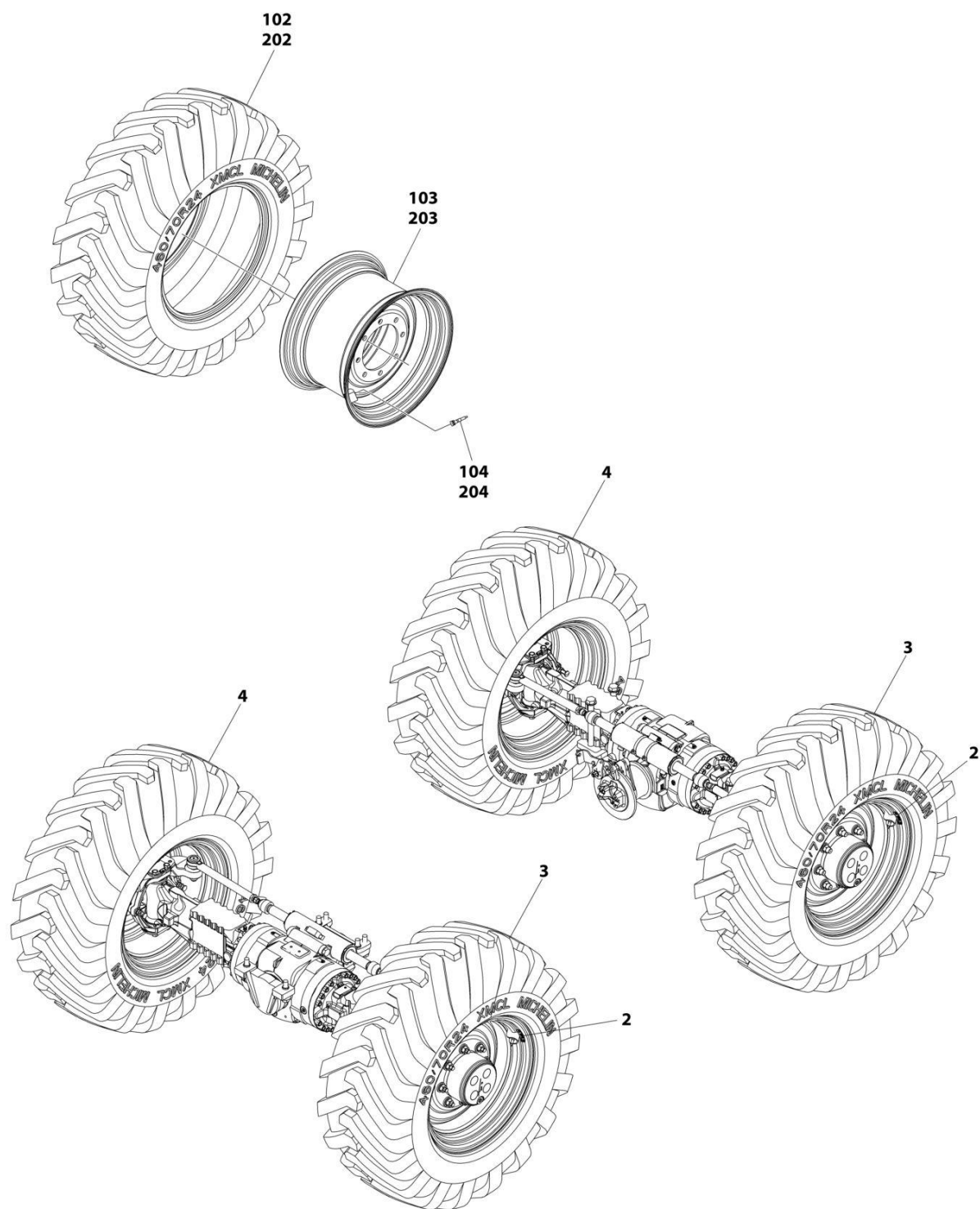
SECTION 5 - DRIVE TRAIN

FIGURE 5-32. AXLE SHIM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001186574	Ref	Axle Shim Installation (24IN Wheel)	C
	1001190541	1	Plate, Axle Shim	

SECTION 5 - DRIVE TRAIN

FIGURE 5-33. TIRE/WHEEL SET (AIR - 460/70 R24 XMCL)



ART_1001142285_D

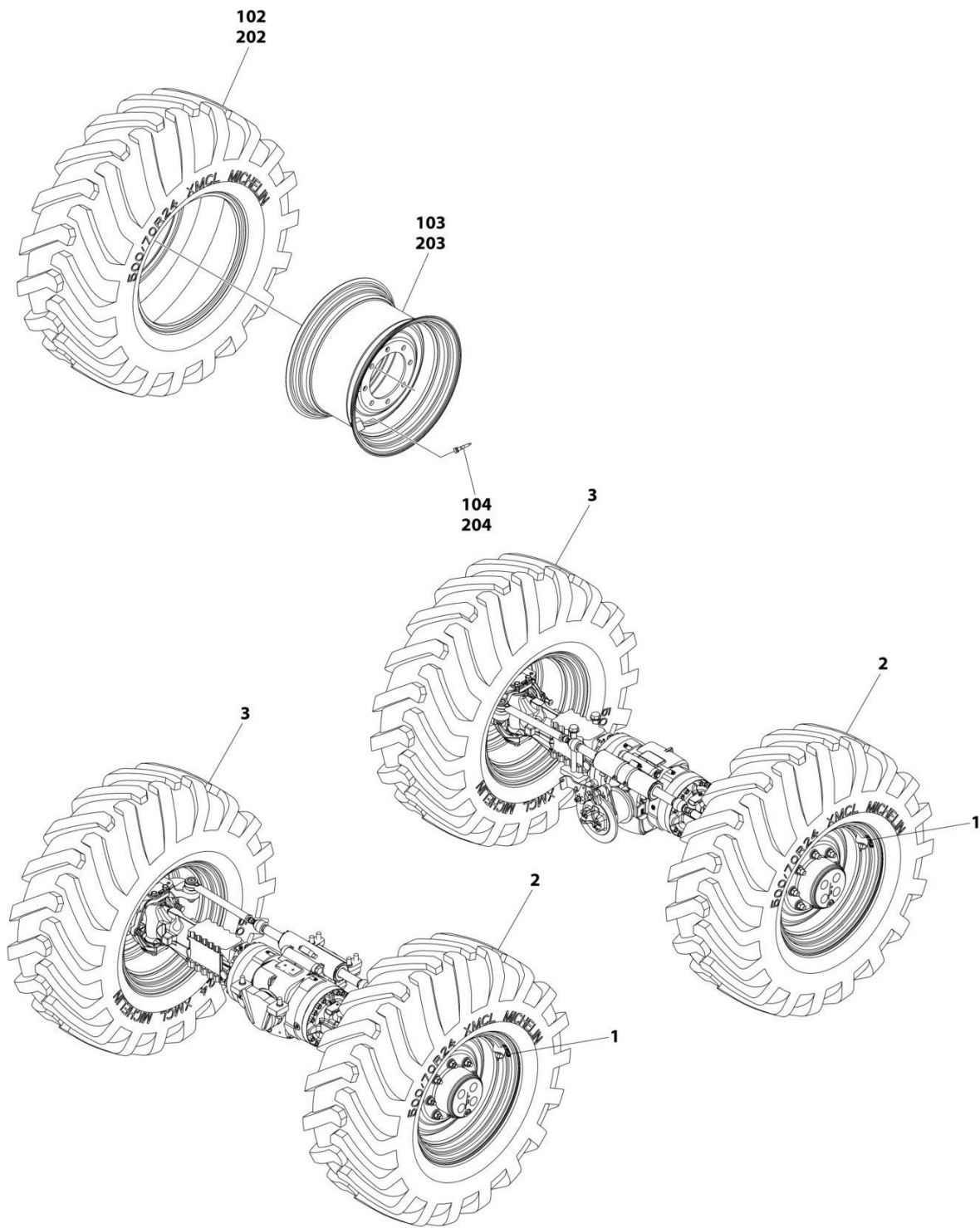
SECTION 5 - DRIVE TRAIN

FIGURE 5-33. TIRE/WHEEL SET (AIR - 460/70 R24 XMCL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142285	Ref	TIRE/WHEEL SET (AIR - 460/70 R24 XMCL)	D
2	8005827	4	Label	
3	1001142286	2	Assembly, Tire/Wheel (RH) (Air - 460/70 R24) (Includes Items 102-104)	
4	1001142287	2	Assembly, Tire/Wheel (LH) (Air - 460/70 R24) (Includes Items 202-204)	
	1001142286	Ref	TIRE/WHEEL ASSEMBLY (RH)	C
102	1001092008	2	Tire 460/70 R24 XMCL (1 Per Assembly)	
103	1001212590	2	Wheel, Rim (RH) (1 Per Assembly)	
104	1001008719	2	Valve, Air (1 Per Assembly)	
	1001142287	Ref	TIRE/WHEEL ASSEMBLY (LH)	C
202	1001092008	2	Tire 460/70 R24 XMCL (1 Per Assembly)	
203	1001212591	2	Wheel, Rim (LH) (1 Per Assembly)	
204	1001008719	2	Valve, Air (1 Per Assembly)	

SECTION 5 - DRIVE TRAIN

FIGURE 5-34. TIRE/WHEEL SET (AIR - 500/70 R24 XMCL)



ART_1001142288_D

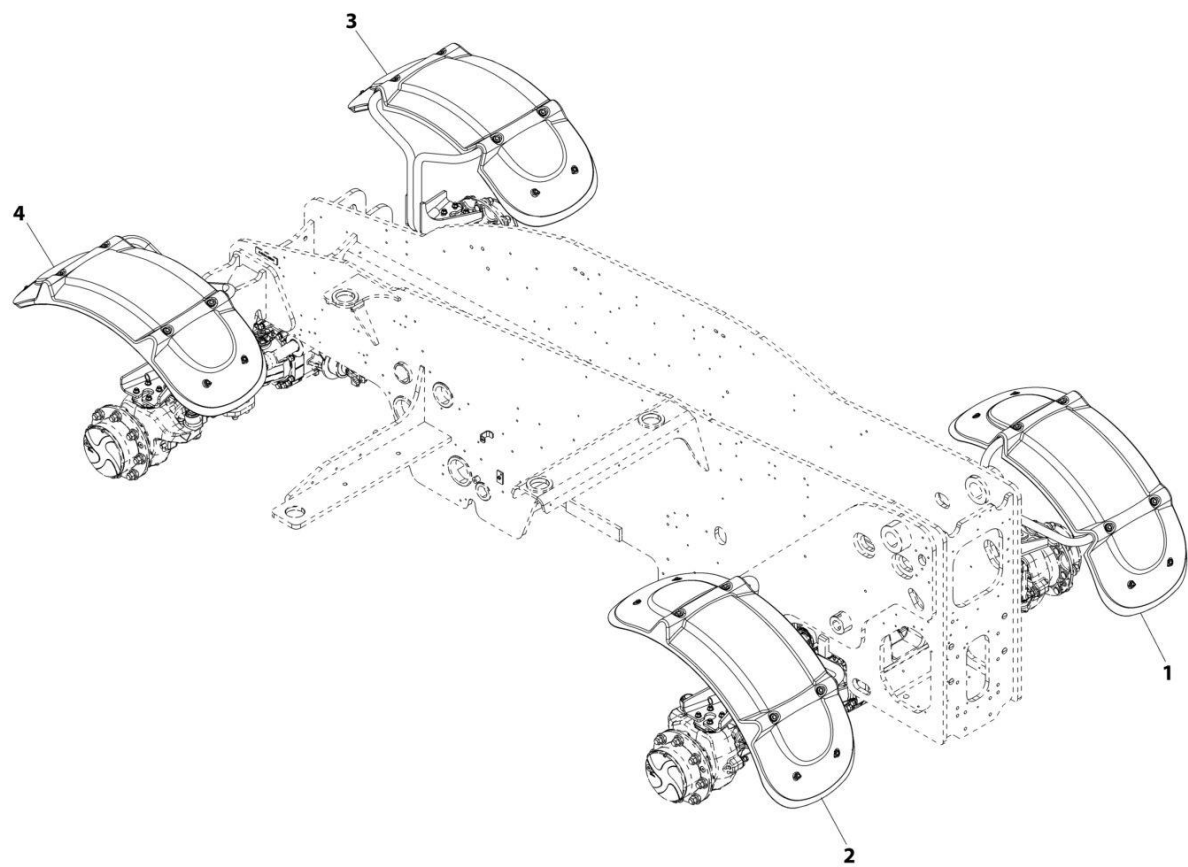
SECTION 5 - DRIVE TRAIN

FIGURE 5-34. TIRE/WHEEL SET (AIR - 500/70 R24 XMCL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142288	Ref	TIRE/WHEEL SET (AIR - 500/70 R24 XMCL)	D
1	1001127728	4	Decal	
2	1001142289	2	Assembly, Tire/Wheel (RH) (Air - 500/70 R24) (Includes Items 102-104)	
3	1001142290	2	Assembly, Tire/Wheel (LH) (Air - 500/70 R24) (Includes Items 202-204)	
	1001142289	Ref	TIRE/WHEEL ASSEMBLY (RH)	B
102	1001092009	2	Tire 500/70 R24 XMCL (1 Per Assembly)	
103	1001212598	2	Wheel, Rim (RH) (1 Per Assembly)	
104	1001008719	2	Valve, Air (1 Per Assembly)	
	1001142290	Ref	TIRE/WHEEL ASSEMBLY (LH)	B
202	1001092009	2	Tire 500/70 R24 XMCL (1 Per Assembly)	
203	1001212599	2	Wheel, Rim (LH) (1 Per Assembly)	
204	1001008719	2	Valve, Air (1 Per Assembly)	

SECTION 5 - DRIVE TRAIN

FIGURE 5-35. FENDER INSTALLATION



ART_1001248161-A

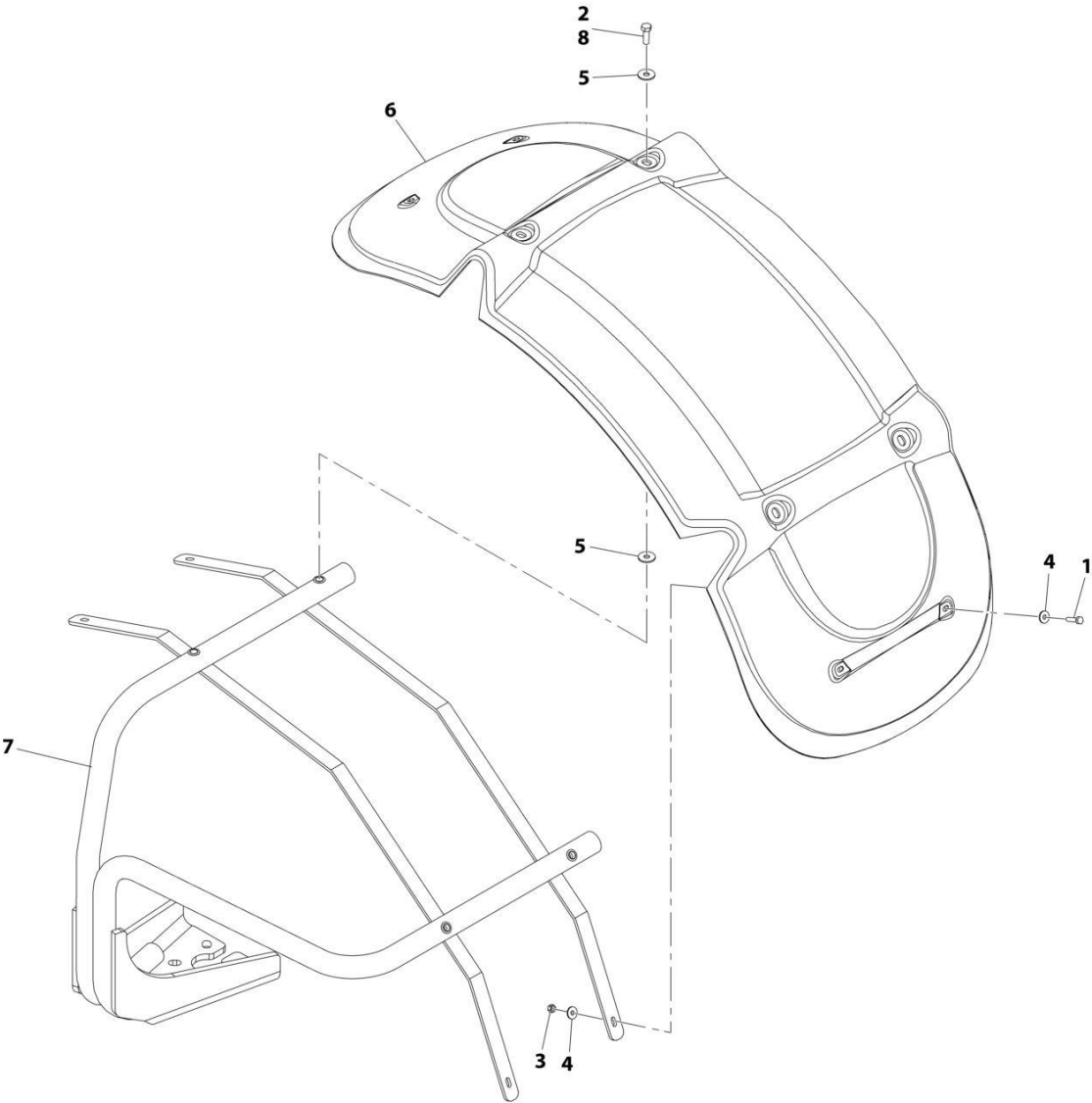
SECTION 5 - DRIVE TRAIN

FIGURE 5-35. FENDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248161	Ref	Fender Installation	A
1	1001243433	1	Assembly, Fender (RR-RH) (See Separate Breakdown in this Section)	
2	1001243435	1	Assembly, Fender (RR-LH) (See Separate Breakdown in this Section)	
3	1001250416	1	Assembly, Fender (FRT-RH) (See Separate Breakdown in this Section)	
4	1001250417	1	Assembly, Fender (FRT-LH) (See Separate Breakdown in this Section)	

SECTION 5 - DRIVE TRAIN

FIGURE 5-36. FENDER ASSEMBLY (RR-RH)



ART_1001243433-A

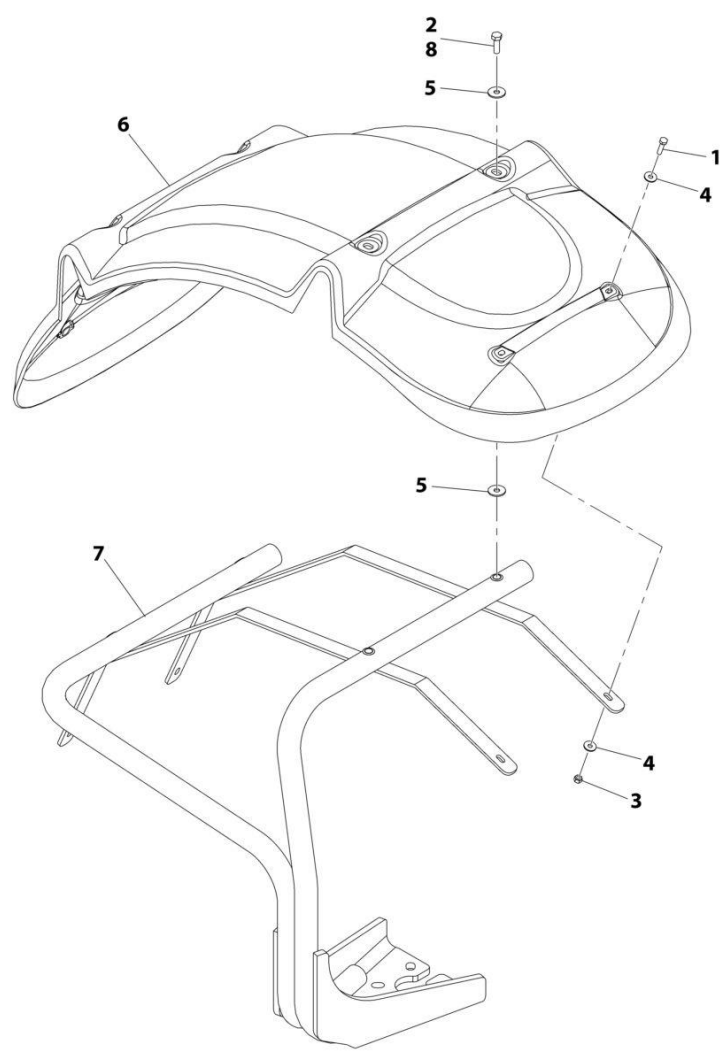
SECTION 5 - DRIVE TRAIN

FIGURE 5-36. FENDER ASSEMBLY (RR-RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243433	Ref	Fender Assembly (Standard)	A
1	0700612	4	Bolt, M6X25	
2	0760812	4	Bolt, M8X25	
3	3290605	4	Nut M6	
4	4811702	8	Washer, M6	
5	4811902	8	Washer, M8	
6	1001100845	1	Fender	
7	1001243434	1	Fender assembly	
8	1001095650	AR	Adhesive	

SECTION 5 - DRIVE TRAIN

FIGURE 5-37. FENDER ASSEMBLY (RR-LH)



ART_1001243435-A

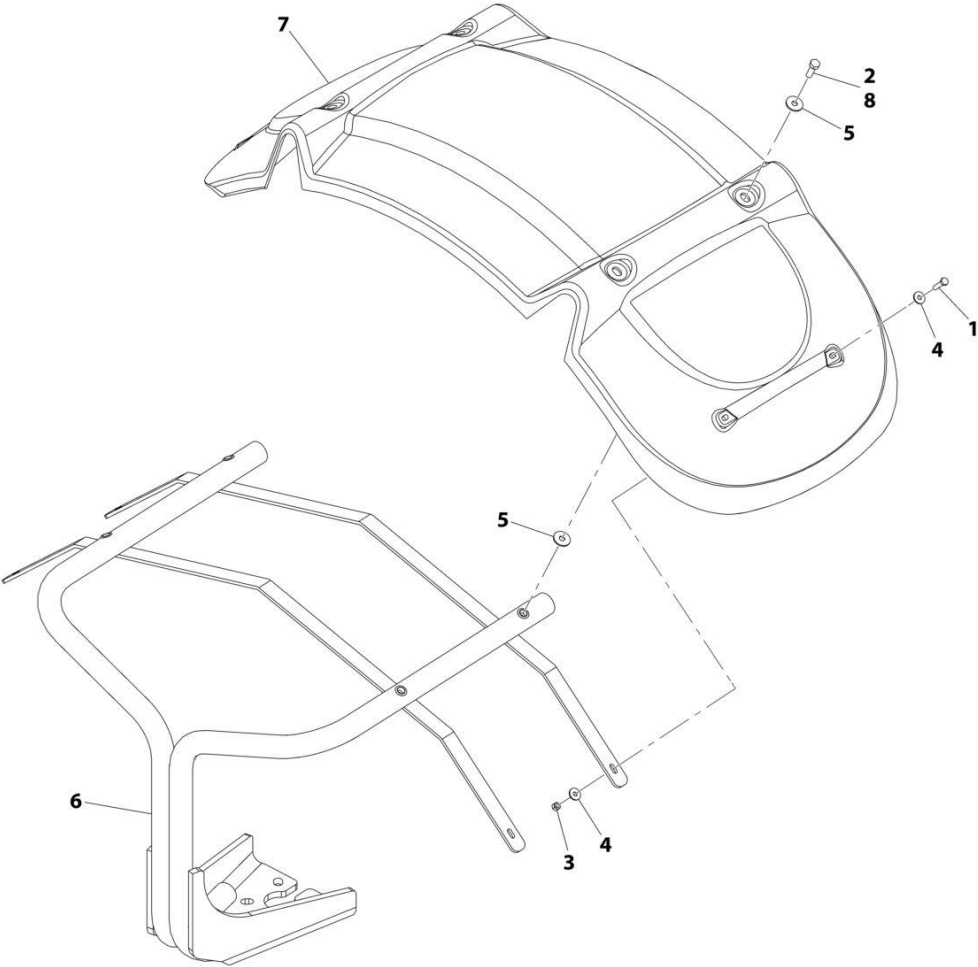
SECTION 5 - DRIVE TRAIN

FIGURE 5-37. FENDER ASSEMBLY (RR-LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243435	Ref	Fender Assembly (Standard)	A
1	0700612	4	Bolt, M6X25	
2	0760812	4	Bolt, M8X25	
3	3290605	4	Nut M6	
4	4811702	8	Washer, M6	
5	4811902	8	Washer, M8	
6	1001100845	1	Fender	
7	1001243436	1	Fender Assembly	
8	1001095650	AR	Adhesive	

SECTION 5 - DRIVE TRAIN

FIGURE 5-38. FENDER ASSEMBLY (FRT-RH)



ART_1001250416-A

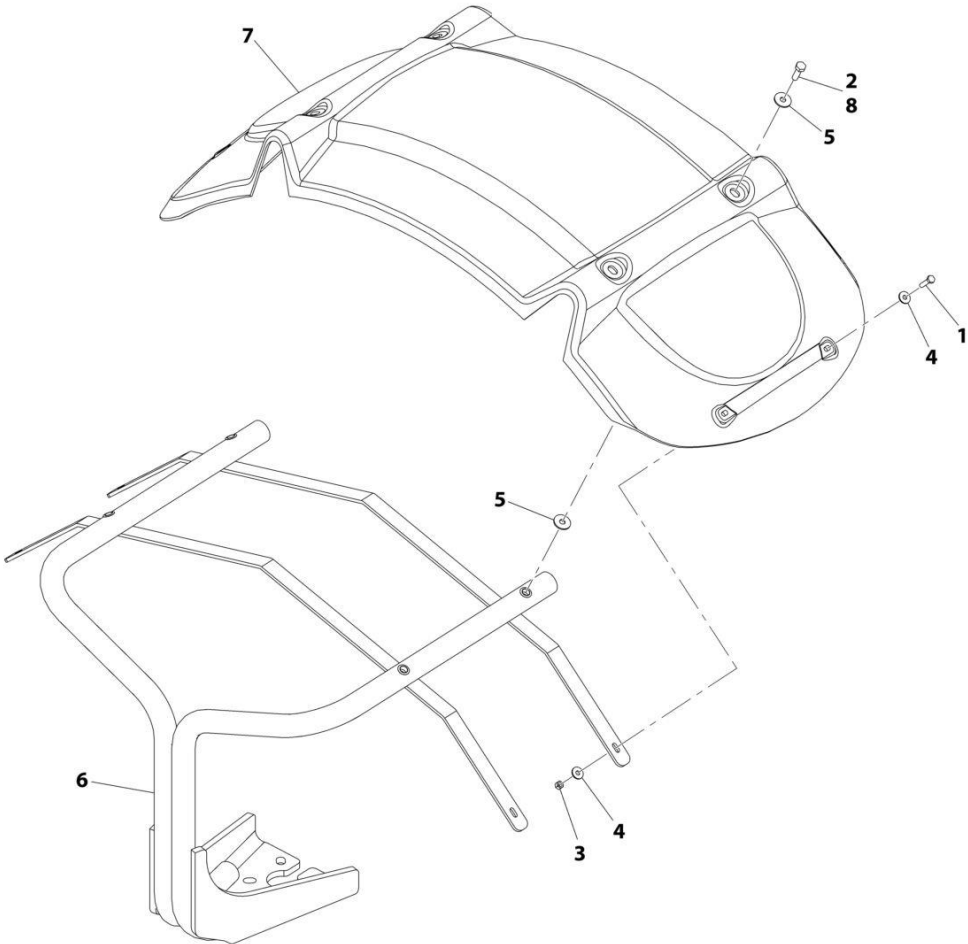
SECTION 5 - DRIVE TRAIN

FIGURE 5-38. FENDER ASSEMBLY (FRT-RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250416	Ref	Fender Assembly (Standard)	A
1	0700612	4	Bolt, M6X25	
2	0760812	4	Bolt, M8X25	
3	3290605	4	Nut M6	
4	4811702	8	Washer, M6	
5	4811902	8	Washer, M8	
6	1001248760	1	Fender Assembly	
7	1001250421	1	Fender	
8	1001095650	AR	Adhesive	

SECTION 5 - DRIVE TRAIN

FIGURE 5-39. FENDER ASSEMBLY (FRT-LH)



ART_1001250417-A

SECTION 5 - DRIVE TRAIN

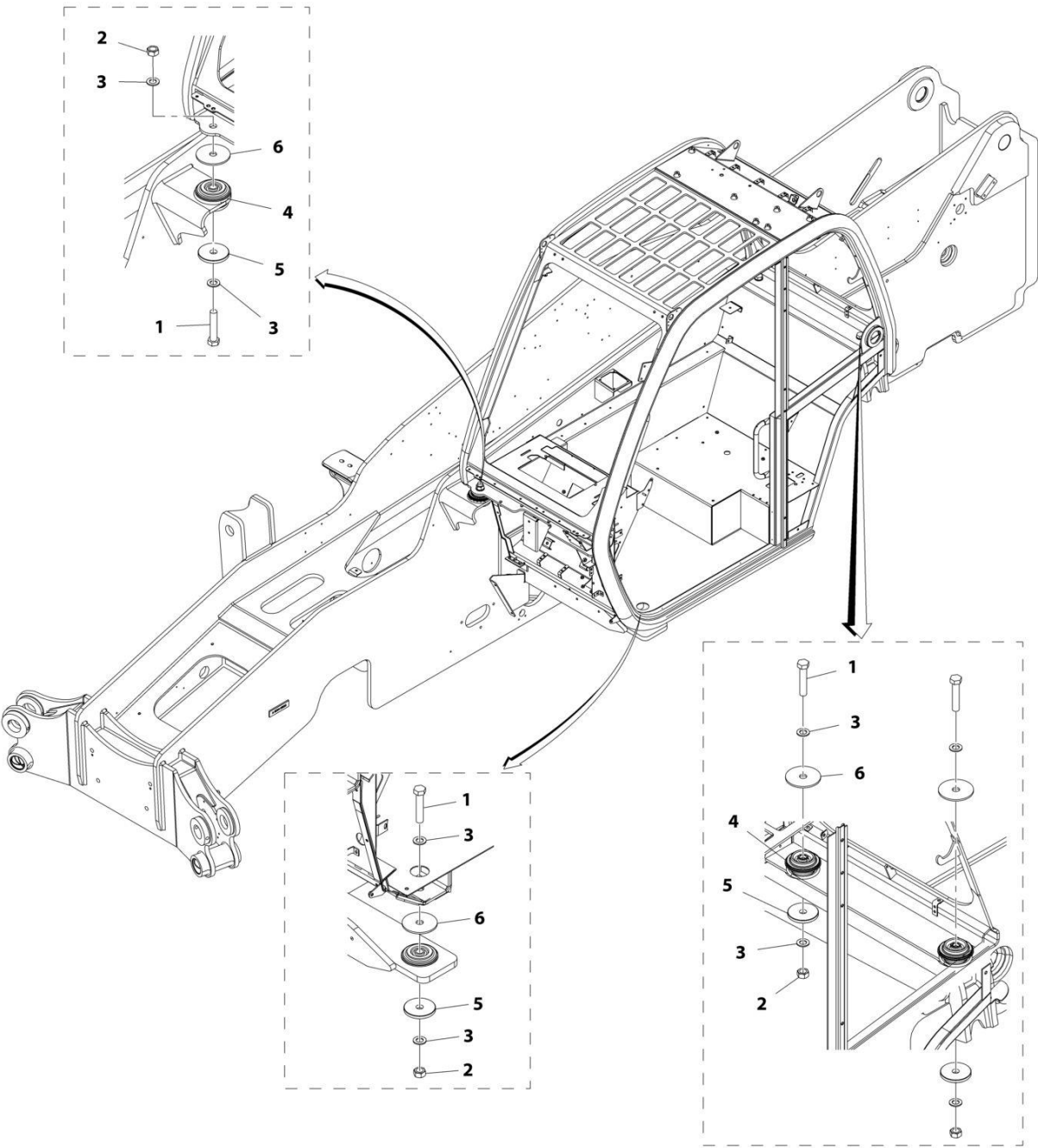
FIGURE 5-39. FENDER ASSEMBLY (FRT-LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250417	Ref	Fender Assembly (Standard)	A
1	0700612	4	Bolt, M6X25	
2	0760812	4	Bolt, M8X25	
3	3290605	4	Nut M6	
4	4811702	8	Washer, M6	
5	4811902	8	Washer, M8	
6	1001248760	1	Fender Assembly	
7	1001250420	1	Fender	
8	1001095650	AR	Adhesive	

SECTION 6 - CAB

SECTION 6 - CAB

FIGURE 6-1. CAB MOUNTS INSTALLATION



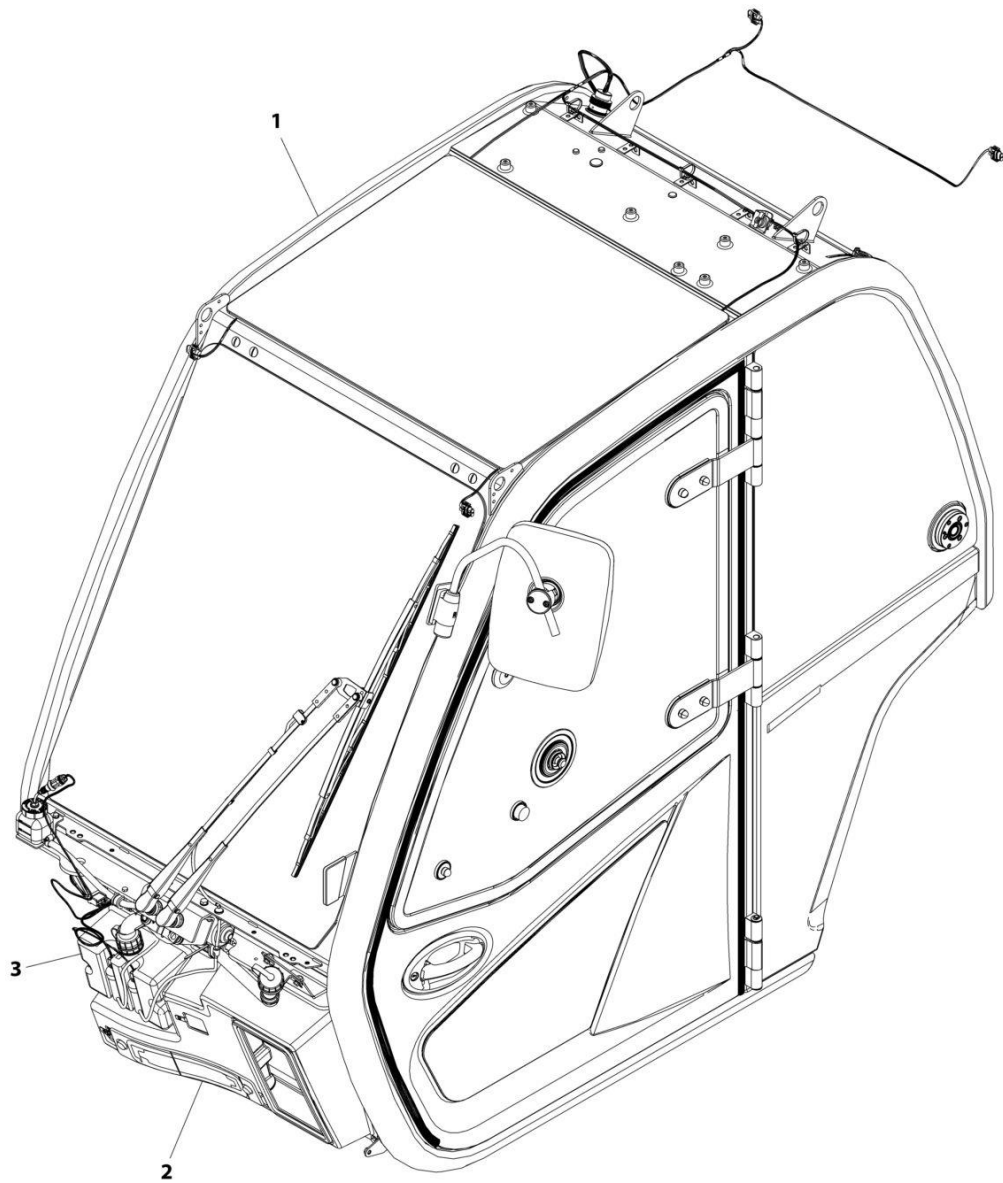
ART_1001155446-E

FIGURE 6-1. CAB MOUNTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155446	Ref	Cab Mounts Installation	E
1	0712027	4	Bolt, M20X100	
2	3332011	4	Nut, M20X2.5	
3	4812500	8	Washer, M20	
4	1001166754	4	Mount, Cab Isolation	
5	1001166755	4	Washer, Cab Rebound	
6	1001220540	4	Washer, Cab Mount	

SECTION 6 - CAB

FIGURE 6-2. ENCLOSED CAB INSTALLATION



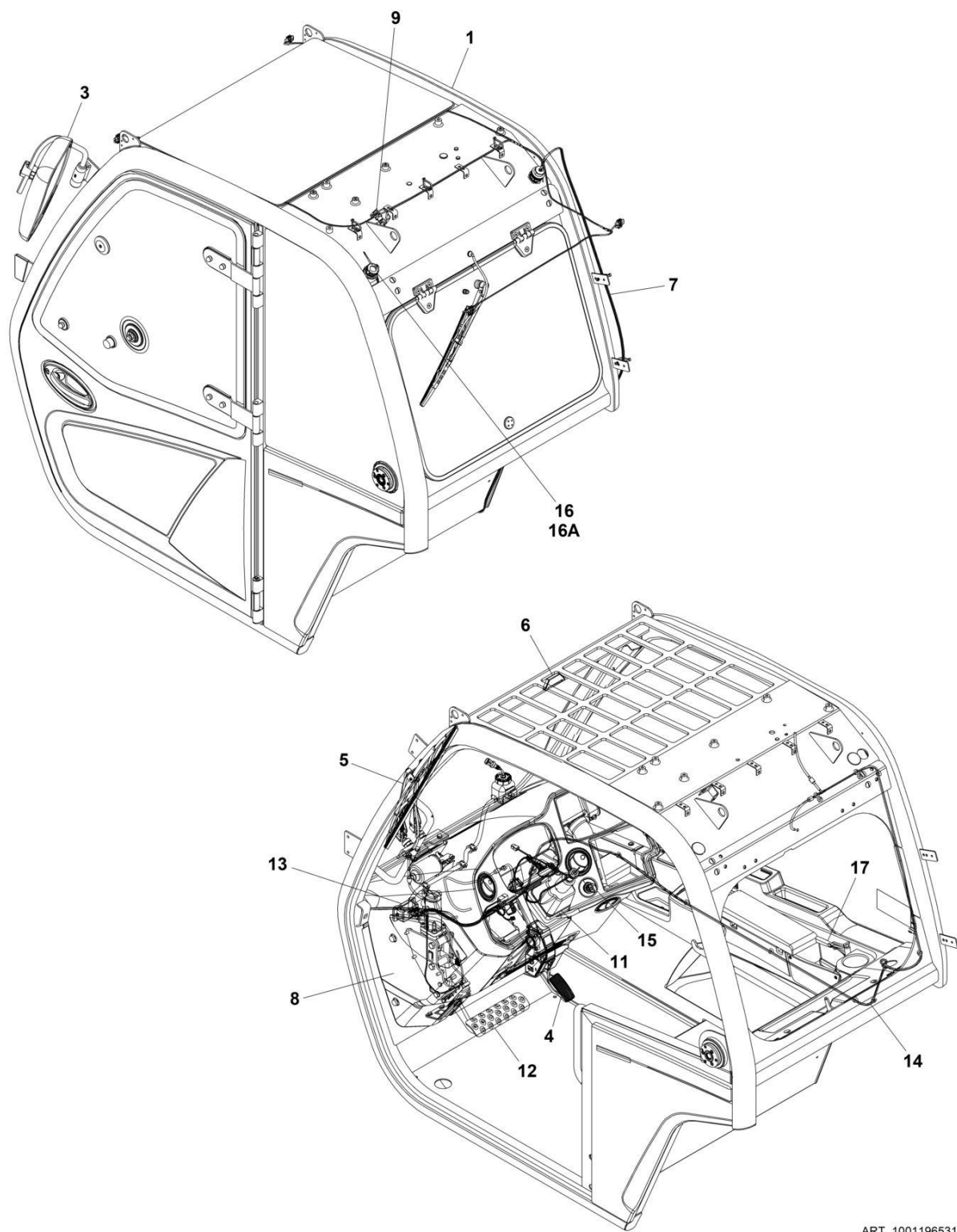
ART_1001202086-D

FIGURE 6-2. ENCLOSED CAB INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001202086	Ref	Enclosed Cab Installation	D
	1001196531	Ref	Assembly, Enclosed Cab (JLG) (See Separate Breakdown in this Section)	
2	1001170366	Ref	Installation, Front Cover (See Separate Breakdown in this Section)	
3	1001201027	Ref	Installation, Washer Tank (See Separate Breakdown in this Section)	

SECTION 6 - CAB

FIGURE 6-3. ENCLOSED CAB ASSEMBLY



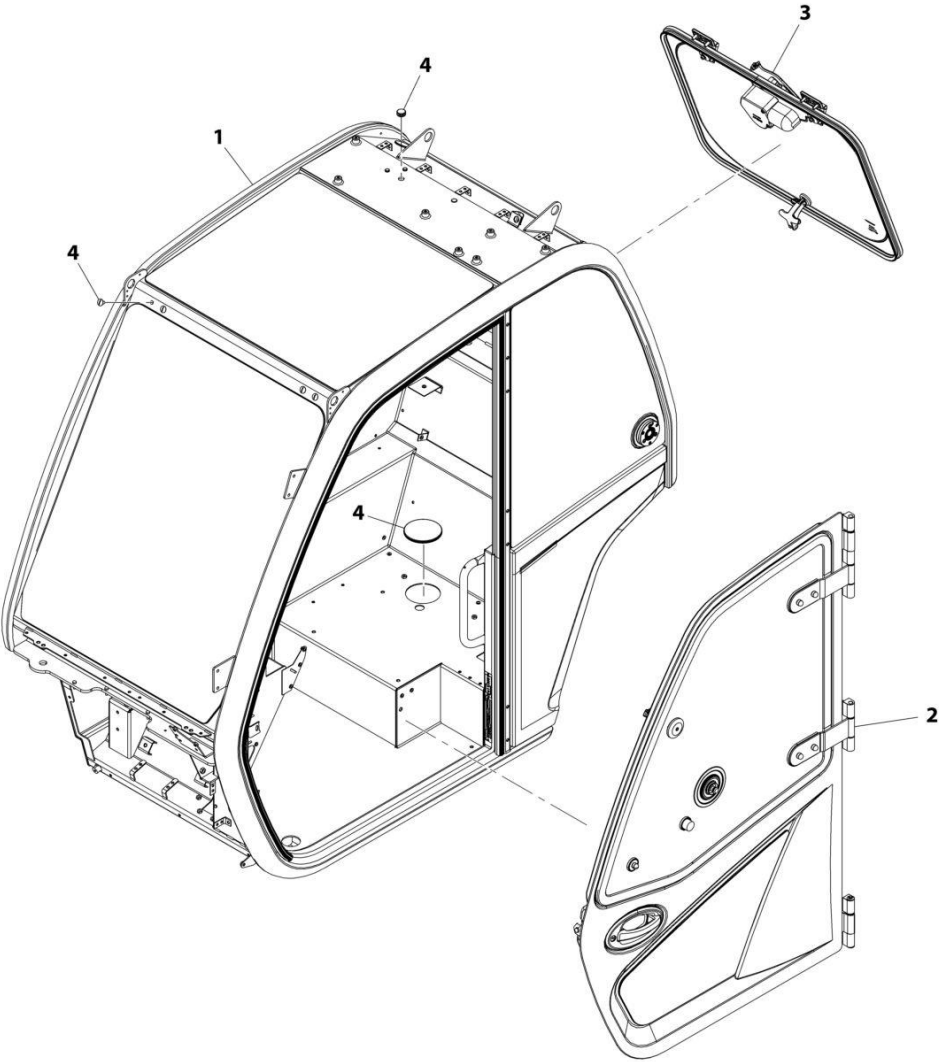
ART_1001196531_AA

FIGURE 6-3. ENCLOSED CAB ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196531	Ref	ENCLOSED CAB ASSEMBLY	AA
1	1001168152	Ref	Group, Enclosed Cab (JLG) (See Separate Breakdown in this Section)	
3	1001230435	Ref	Installation, Interior Mirror (See Separate Breakdown in this Section)	
4	1001161499	Ref	Installation, Accelerator Pedal (See Separate Breakdown in CONTROLS Section)	
5	1001155447	Ref	Installation, Front Wiper (See Separate Breakdown in this Section)	
6	1001172401	Ref	Installation, Level Indicator (See Separate Breakdown in this Section)	
7	1001271363	Ref	Installation, Cab Electrical (See Separate Breakdown in ELECTRICAL Section)	
8	1001167981	Ref	Installation, Enclosed Cab Trim (See Separate Breakdown in this Section)	
9	1001218856	Ref	Installation, Beacon Bracket (See Separate Breakdown in this Section)	
11	1001229534	Ref	Installation, Steering Column Tilt (See Separate Breakdown in CONTROLS Section)	
12	1001188262	Ref	Installation, Brake Pedal (See Separate Breakdown in this Section)	
13	1001201340	Ref	Installation, Cab Heater Harness (See Separate Breakdown in ELECTRICAL Section)	
14	1001201520	Ref	Installation, Washer Hoses (See Separate Breakdown in this Section)	
15	1001208518	Ref	Installation, Ignition Switch (JLG) (See Separate Breakdown in ELECTRICAL Section)	
16	1001201161	Ref	Installation, Telematics Cap	
16A	1001201162	1	Cap	
17	1001210628	Ref	Installation, Hammer (See Separate Breakdown in this Section)	

SECTION 6 - CAB

FIGURE 6-4. ENCLOSED CAB GROUP

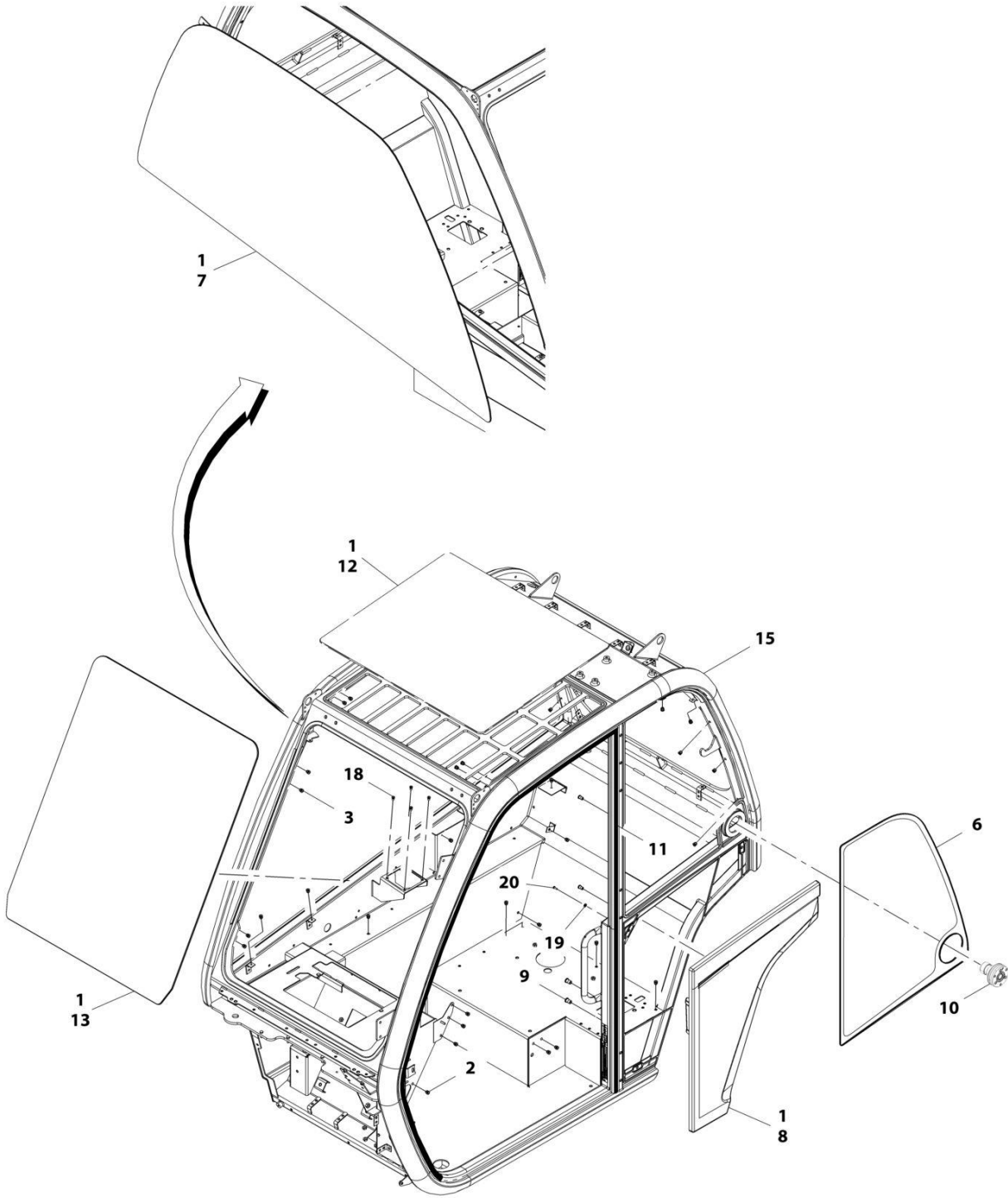


ART_1001168152

FIGURE 6-4. ENCLOSED CAB GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168152	Ref	Enclosed Cab Group	I
1	1001173641	Ref	Cab, Enclosed (JLG) (See Separate Breakdown in this Section)	
2	1001155228	Ref	Installation, Door (JLG) (See Separate Breakdown in this Section)	
3	1001178678	Ref	Installation, Rear Window (See Separate Breakdown in this Section)	
4	1001170603	Ref	Group, Enclosed Cab Plug (See Separate Breakdown in this Section)	

FIGURE 6-5. ENCLOSED CAB



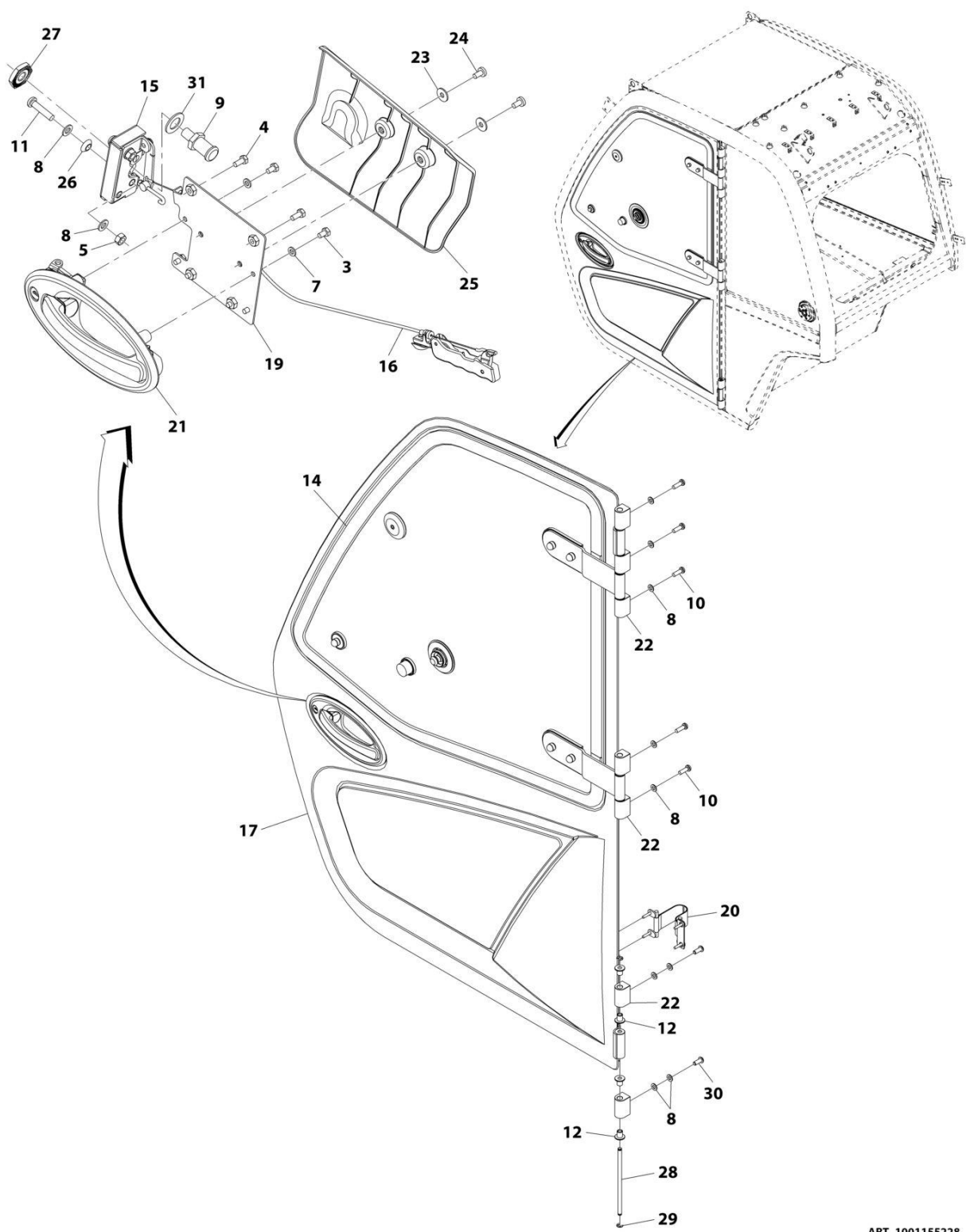
ART_1001173641_I

FIGURE 6-5. ENCLOSED CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173641	Ref	Enclosed Cab	I
1	1001111317	AR	Compound, Locking	
2	2080086	27	Rivnut, M6X1	
3	2080087	16	Rivnut, M8X1.25	
6	1001152915	1	Glass, LH Screen	
7	1001152947	1	Glass, RH Screen	
8	1001229319	1	Panel, Cab Quarter	
9	1001172193	2	Rivnut, M5X0.8	
10	1001174320	1	Latch, Top Window	
11	1001227186	1	Seal, Cab Door	
12	1001178159	1	Glass, Roof Laminated	
13	1001178160	1	Glass, Front Laminated	
	1001225177	1	Weldment, Cab	
18	1001195878	7	Rivnut, M5X0.8	
19	4811700	3	Washer, M6	
20	0750804	3	Screw	

SECTION 6 - CAB

FIGURE 6-6. DOOR INSTALLATION



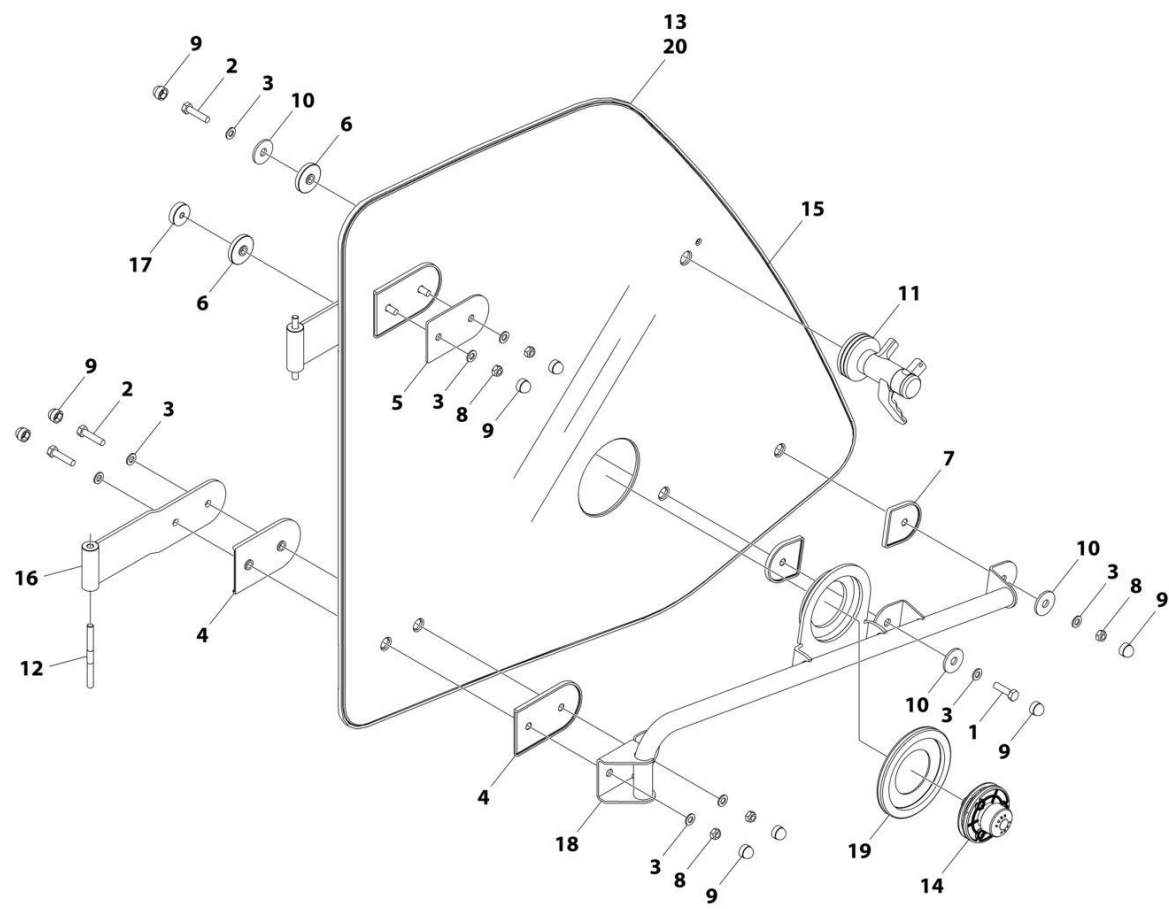
ART_1001155228

FIGURE 6-6. DOOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155228	Ref	Door Installation	Q
3	0760605	4	Bolt, M6X10	
4	0760607	4	Bolt, M6X14	
5	3290801	2	Nut, M8X1.25 Grade 8	
7	4811700	4	Washer, M6	
8	4811900	13	Washer, M8	
9	8000803	1	Pin, Door Striker	
10	1001008988	5	Screw M8X25	
11	1001047062	2	Screw, M8X35	
12	1001107192	10	Sleeve, Hinge	
14	1001205532	1	Assembly, Door Upper Glass (See Separate Breakdown in this Section)	
15	1001192766	1	Assembly, Cab Latch (See Separate Breakdown in this Section)	
16	1001167958	1	Assembly, Cab Door Trigger (See Separate Breakdown in this Section)	
17	1001170114	1	Assembly, Door (See Separate Breakdown in this Section)	
19	1001173298	1	Bracket	
20	1001174295	1	Installation, Door Strap (See Separate Breakdown in this Section)	
21	1001192646	1	Handle, Exterior Door	
22	1001229543	7	Block, Hinge (Rounded Top/Bottom Edge)	
22	1001170601J	7	Block, Hinge (Square Top/Bottom Edge)	
23	4811702001	2	Washer, M6	
24	4010608002	2	Screw, Posi-Drive, M6X16	
25	1001175477	1	Cover, Cab Door Interior	
26	1001184439	2	Bushing	
27	1001192309	1	Nut, M12X1	
28	1001213791	1	Pin	
29	0498748	2	Washer, Lock M7	
30	1001164726	2	Bolt, M8X20	
31	1001227802	1	Washer	

SECTION 6 - CAB

FIGURE 6-7. DOOR UPPER GLASS ASSEMBLY

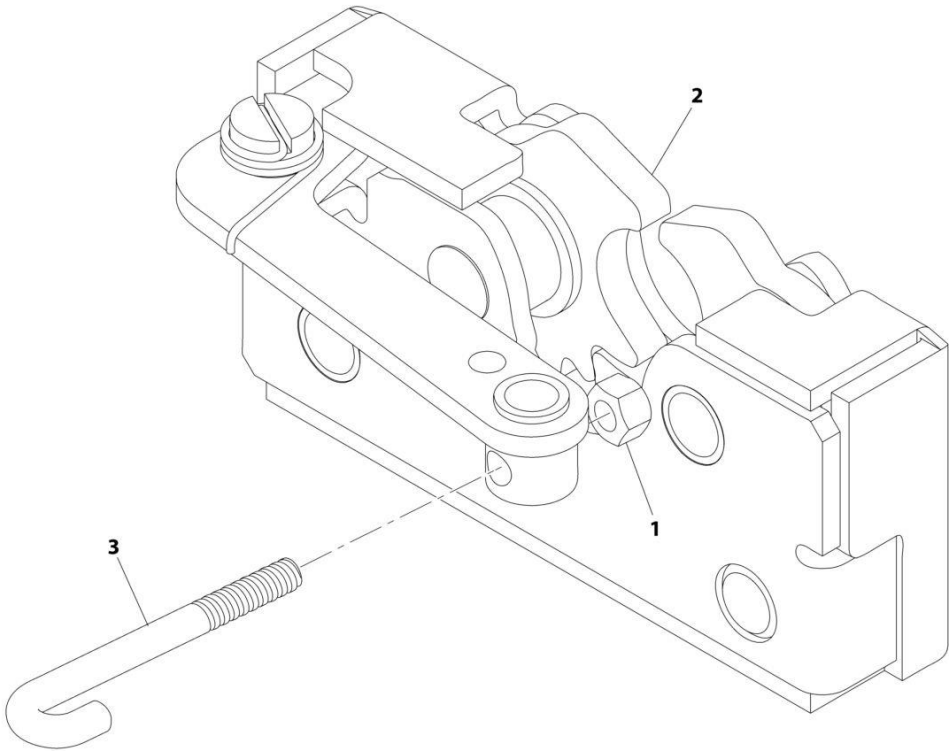


ART_1001205532

FIGURE 6-7. DOOR UPPER GLASS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205532	Ref	Door Upper Glass Assembly	G
1	0760812	1	Bolt, M8X25	
2	0760815	5	Bolt, M8X35	
3	4811900	11	Washer, 8MM	
4	1001002946	4	Mount, Hinge	
5	1001002947	1	Mount, Hinge	
6	1001002953	2	Mount, Rubber	
7	1001002957	2	Mount, Latch	
8	1001008857	5	Nut, Lock	
9	1001096365	11	Cap, M8	
10	1001141246	3	Mount, Rubber	
11	1001165275	1	Latch, Window	
12	1001166634	2	Pin, Hinge	
13	1001170944	1	Panel, Window Surround	
14	1001174321	1	Striker, Top Window	
15	1001204066	1	Glass, Window	
16	1001204115	2	Hinge	
17	1001222741	1	Buffer, Cab	
18	1001204120	1	Handle	
19	1001213331	1	Gasket	
20	1001215531	AR	Adhesive	

FIGURE 6-8. CAB LATCH ASSEMBLY



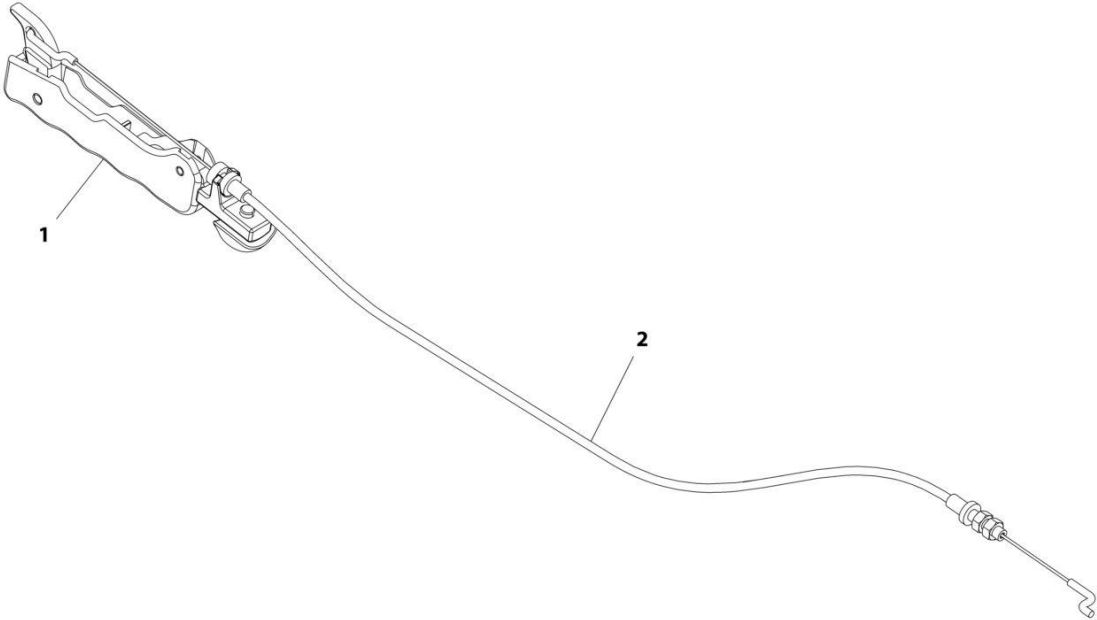
ART_1001192766-B

FIGURE 6-8. CAB LATCH ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192766	Ref	Cab Latch Assembly	B
1	3290405	1	Nut, M4X0.7 Grade 8	
2	1001192643	1	Latch	
3	1001241308	1	Link, Door Handle	

SECTION 6 - CAB

FIGURE 6-9. CAB DOOR TRIGGER ASSEMBLY



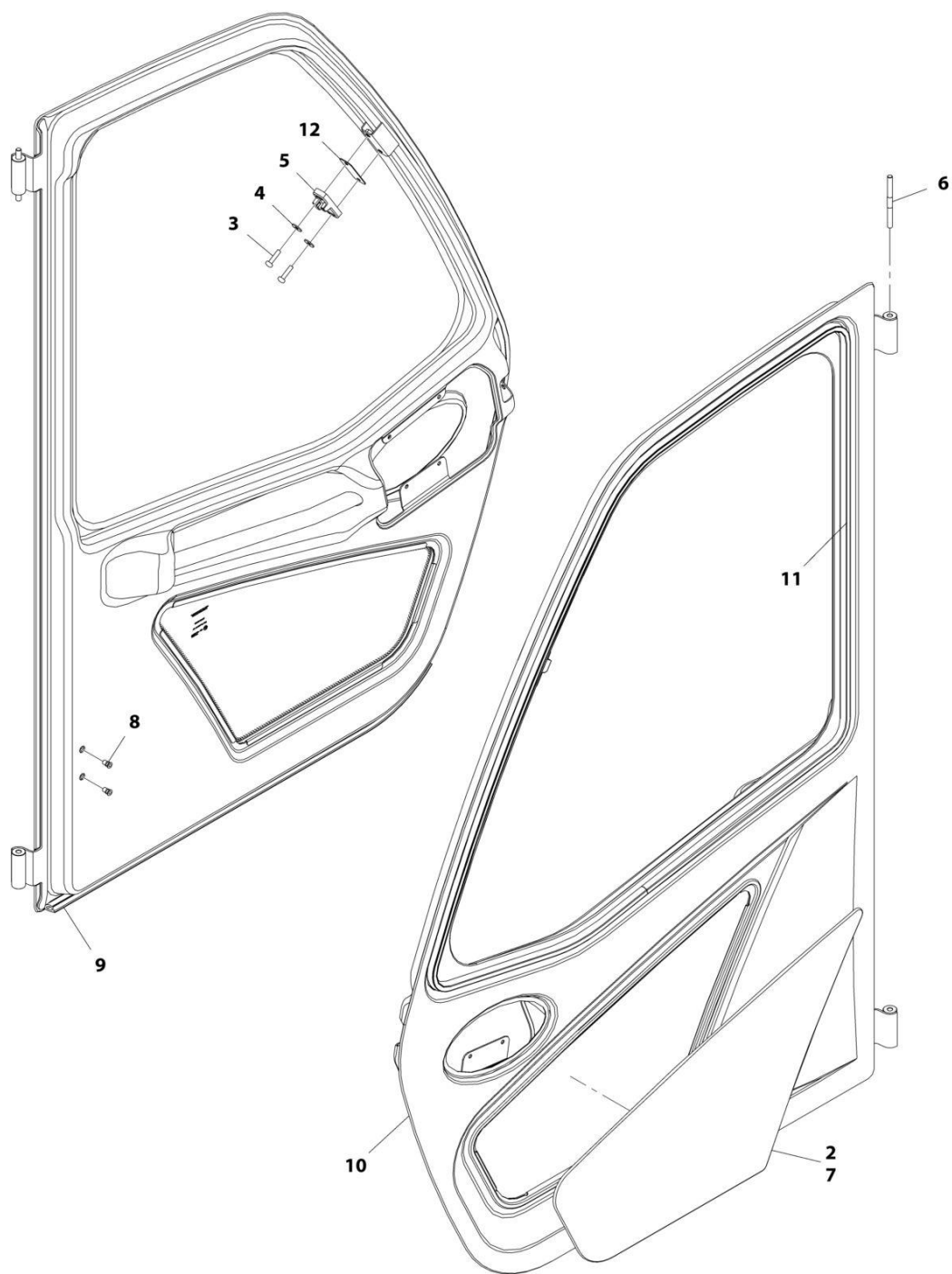
ART_1001167958-E

FIGURE 6-9. CAB DOOR TRIGGER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167958	Ref	Cab Door Trigger Assembly	E
1	1001167937	1	Trigger, Cab Interior Release	
2	1001192644	1	Cable, Cab Latch Release	

SECTION 6 - CAB

FIGURE 6-10. DOOR ASSEMBLY (AG)

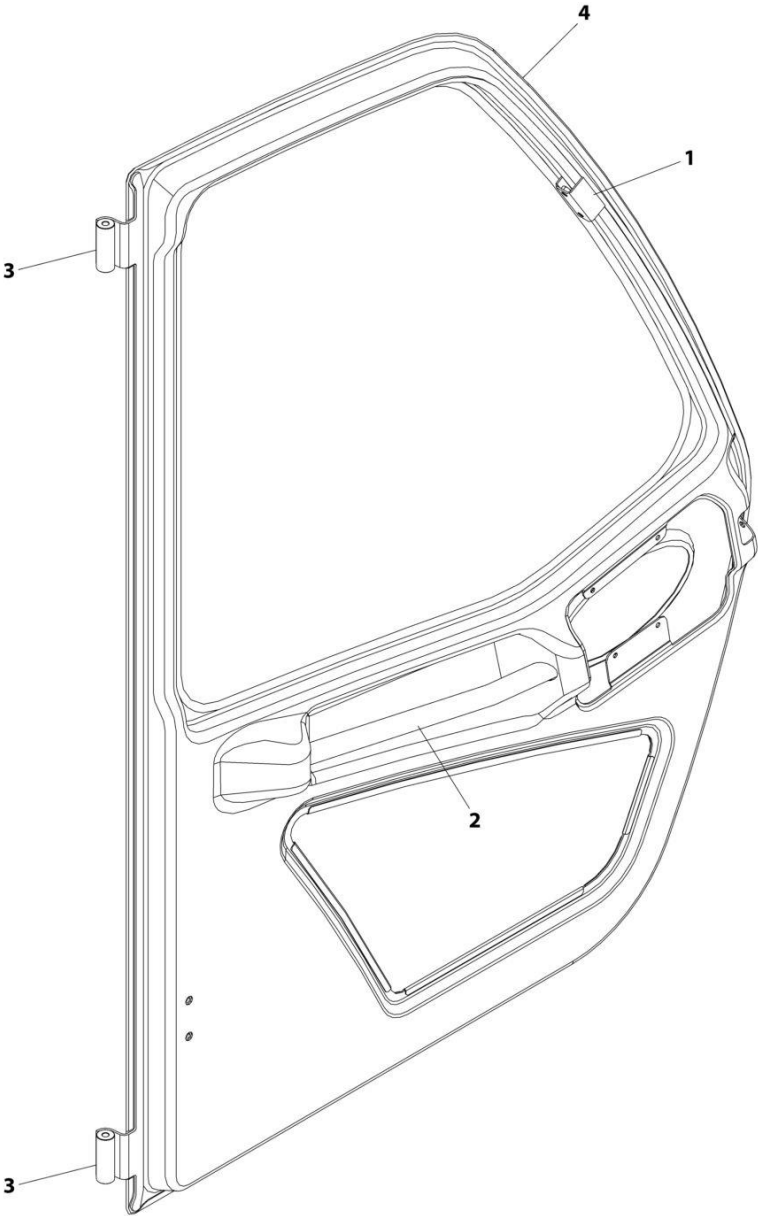


ART_1001170114

FIGURE 6-10. DOOR ASSEMBLY (AG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170114	Ref	Door Assembly	K
2	1001111317	AR	Compound, Locking	
3	4010612002	2	Screw, M6X25	
4	4811702001	2	Washer, M6	
5	1001165276	1	Plate, Window Latch Striker	
6	1001166634	1	Pin, Hinge	
7	1001169880	1	Window, Lower Glass	
8	1001172193	2	Rivnut, M5X0.8	
9	1001227188	1	Seal, Cab Door	
10	1001170113J	1	Door, Cab (See Separate Breakdown in this Section)	
11	1001227187	1	Seal, Cab Door Window	
12	1001193210	AR	Shim, Window Latch	

FIGURE 6-11. CAB DOOR



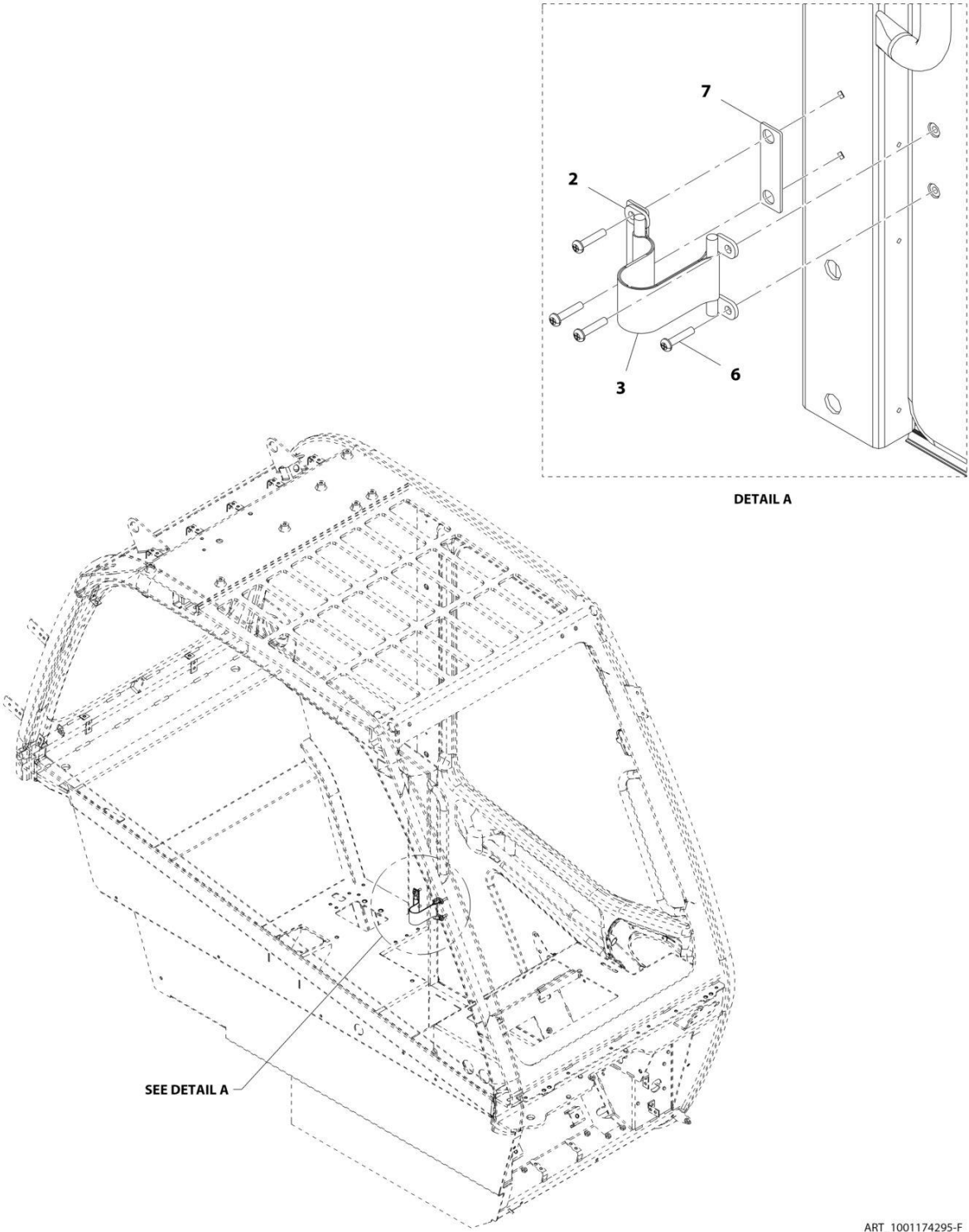
ART_1001170113-E

FIGURE 6-11. CAB DOOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170113	Ref	Cab Door	E
1	1001169883	1	Bracket, Window Latch	
2	1001169885	1	Handle, Interior Door	
3	1001171037	1	Plate, Hinge	
4	1001171635	1	Frame, Door	

SECTION 6 - CAB

FIGURE 6-12. DOOR STRAP INSTALLATION



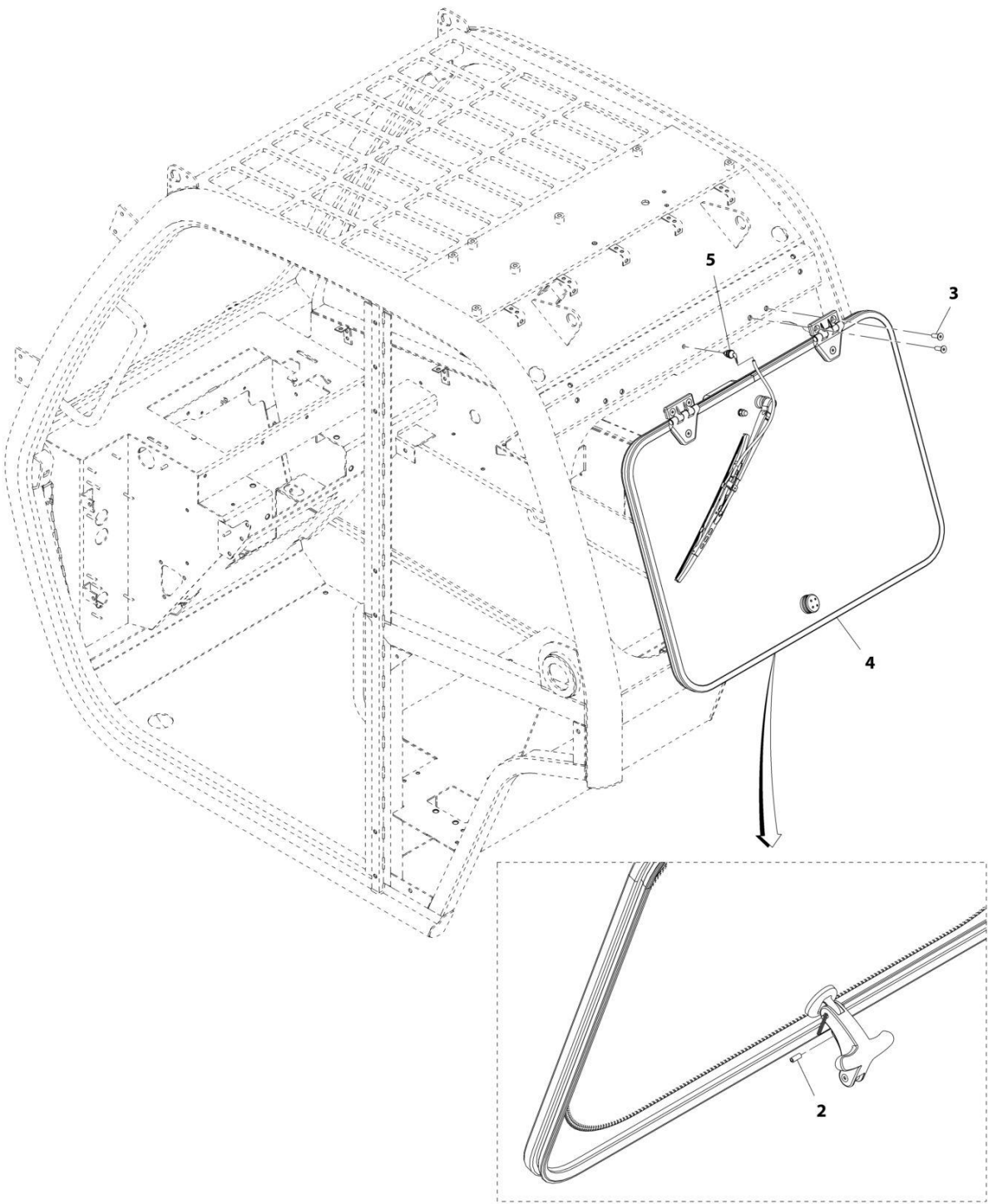
ART_1001174295-F

FIGURE 6-12. DOOR STRAP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174295	Ref	Door Strap Installation	F
2	1001230163	2	Bracket, Strap Holder	
3	1001212011	1	Strap, Door Hold Open	
6	8310559	4	Screw	
7	1001191091	1	Plate, Cab Door Strap	

SECTION 6 - CAB

FIGURE 6-13. REAR WINDOW INSTALLATION



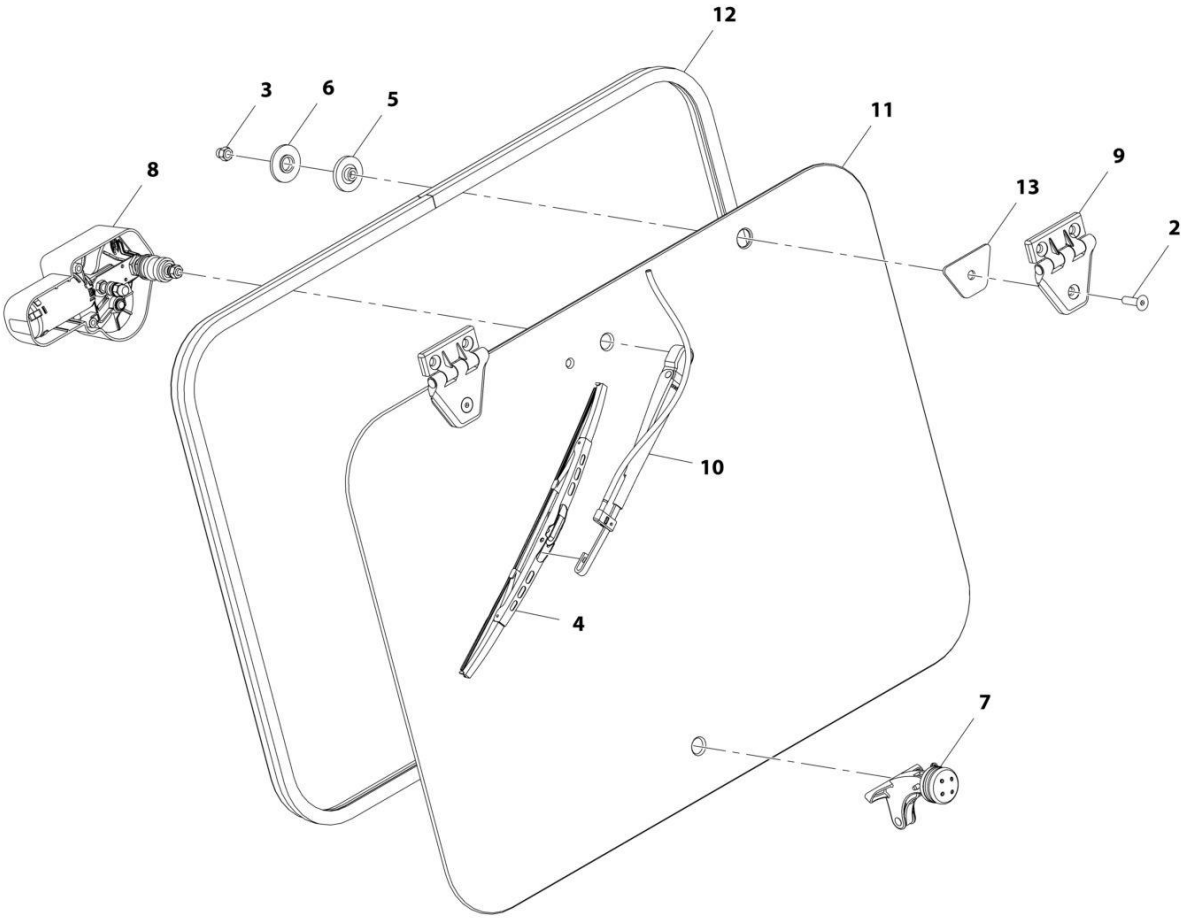
ART_1001178678-C

FIGURE 6-13. REAR WINDOW INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178678	Ref	Rear Window Installation	C
2	1001003043	1	Pin, Spring	
3	1001097586	4	Screw, M8X1.25	
4	1001178679	1	Assembly, Rear Window (See Separate Breakdown in this Section)	
5	1001090343	1	Connector	

SECTION 6 - CAB

FIGURE 6-14. REAR WINDOW ASSEMBLY



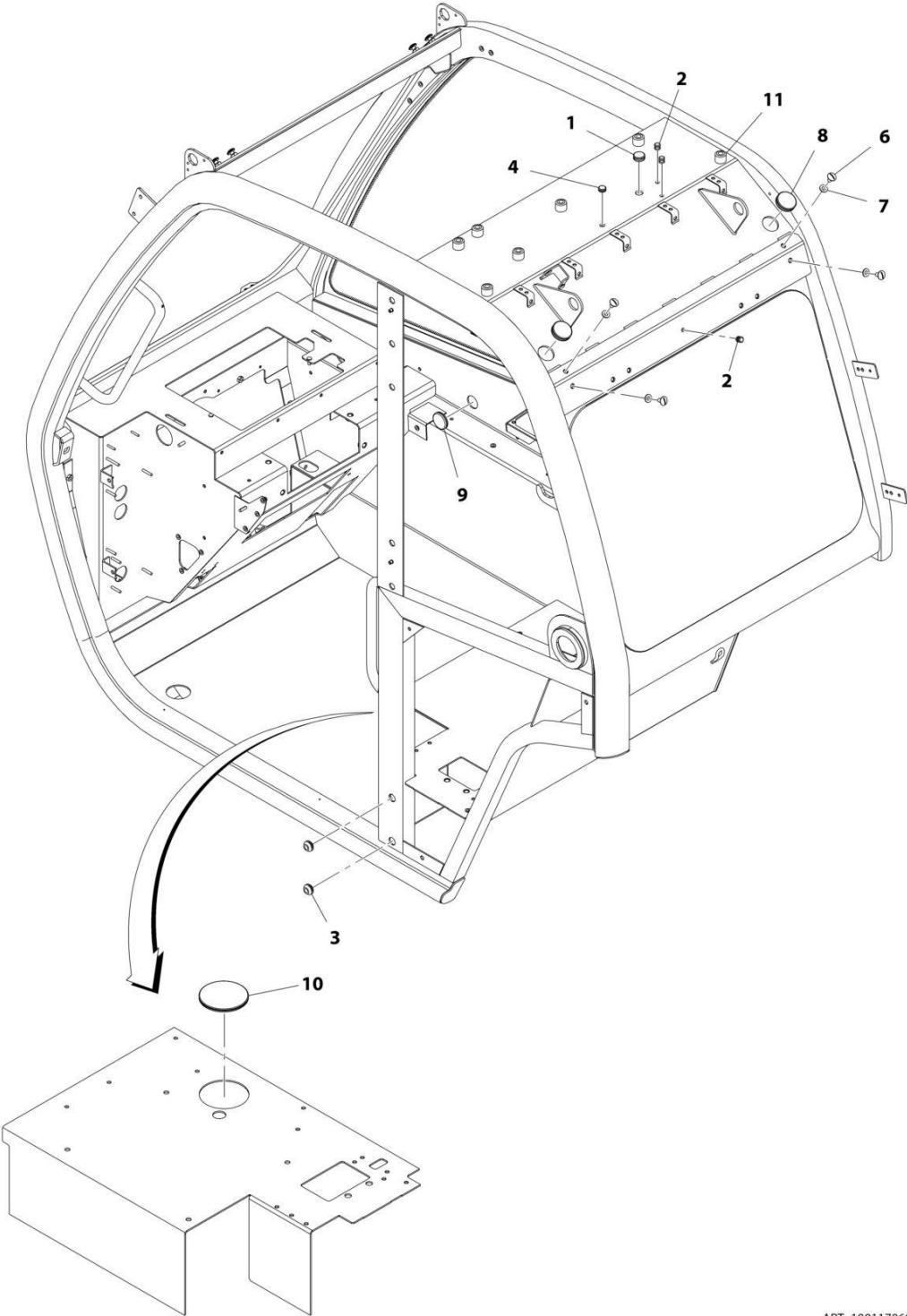
ART_1001178679-C

FIGURE 6-14. REAR WINDOW ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178679	Ref	Rear Window Assembly	C
2	2080078	2	Fastener, M8X30	
3	3290806	2	Nut, M8X1.25 Grade 8	
4	4807718	1	Blade, Wiper	
5	8000759	2	Spacer	
6	8004398	2	Spacer	
7	1001005368	1	Latch, Window	
8	1001139552	1	Motor, Rear Wiper	
9	1001139568	2	Hinge	
10	1001141312	1	Arm, Rear Window Wiper	
11	1001178680	1	Glass, Rear Window	
12	1001178681	1	Seal	
13	1001181411	2	Gasket, Rear Window Hinge	

SECTION 6 - CAB

FIGURE 6-15. ENCLOSED CAB PLUG GROUP



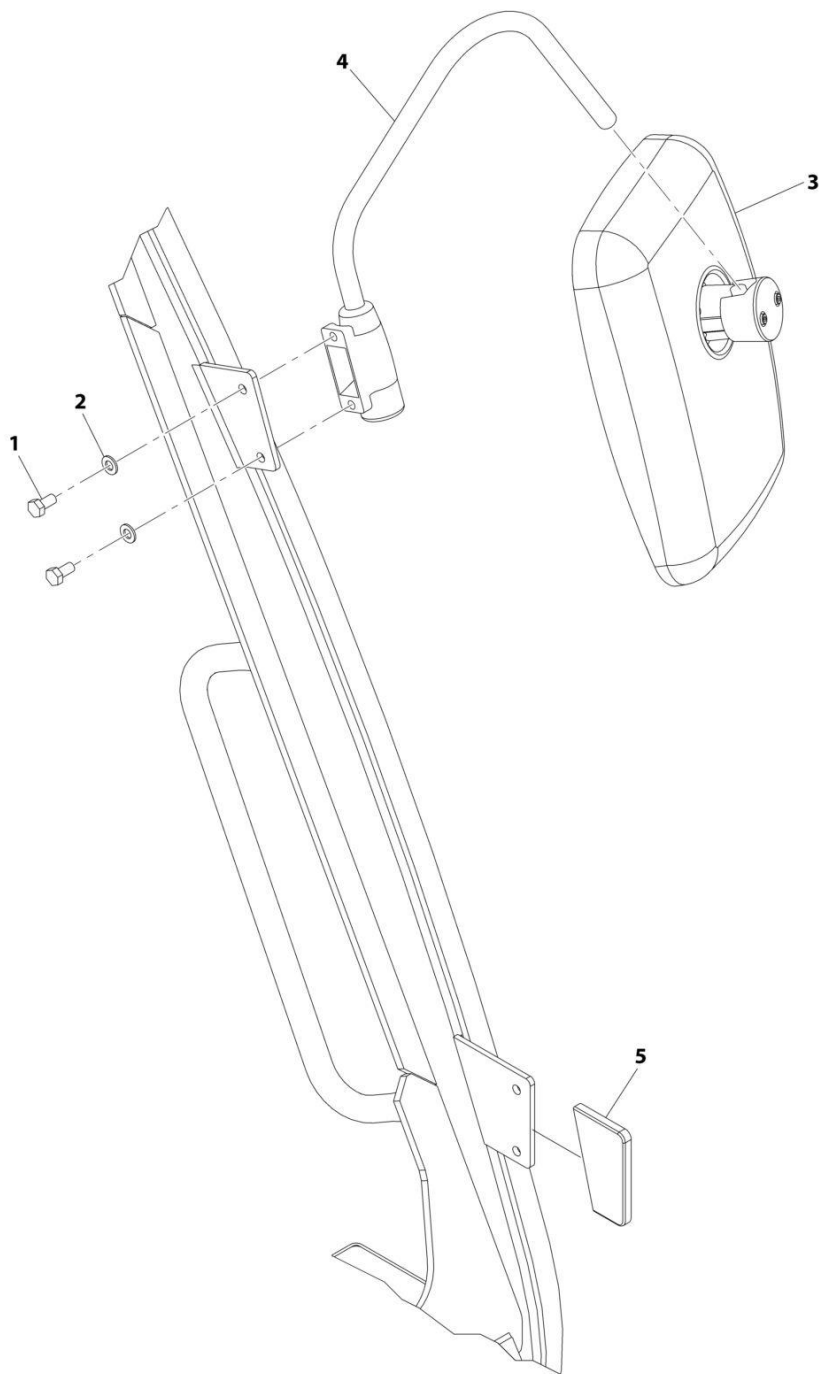
ART_1001170603-E

FIGURE 6-15. ENCLOSED CAB PLUG GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170603	Ref	Enclosed Cab Plug Group	E
1	1001176273	1	Plug	
2	1001176272	3	Plug	
3	1001143200	2	Plug	
4	1001176626	1	Plug	
6	1001181920	8	Screw, M8X16	
7	1001181921	8	Washer, Rubber M8	
8	1001182123	2	Plug	
9	1001182139	1	Plug	
10	1001209899	1	Plug	
11	1001219220	7	Cap, Vinyl Round	

SECTION 6 - CAB

FIGURE 6-16. INTERIOR MIRROR INSTALLATION



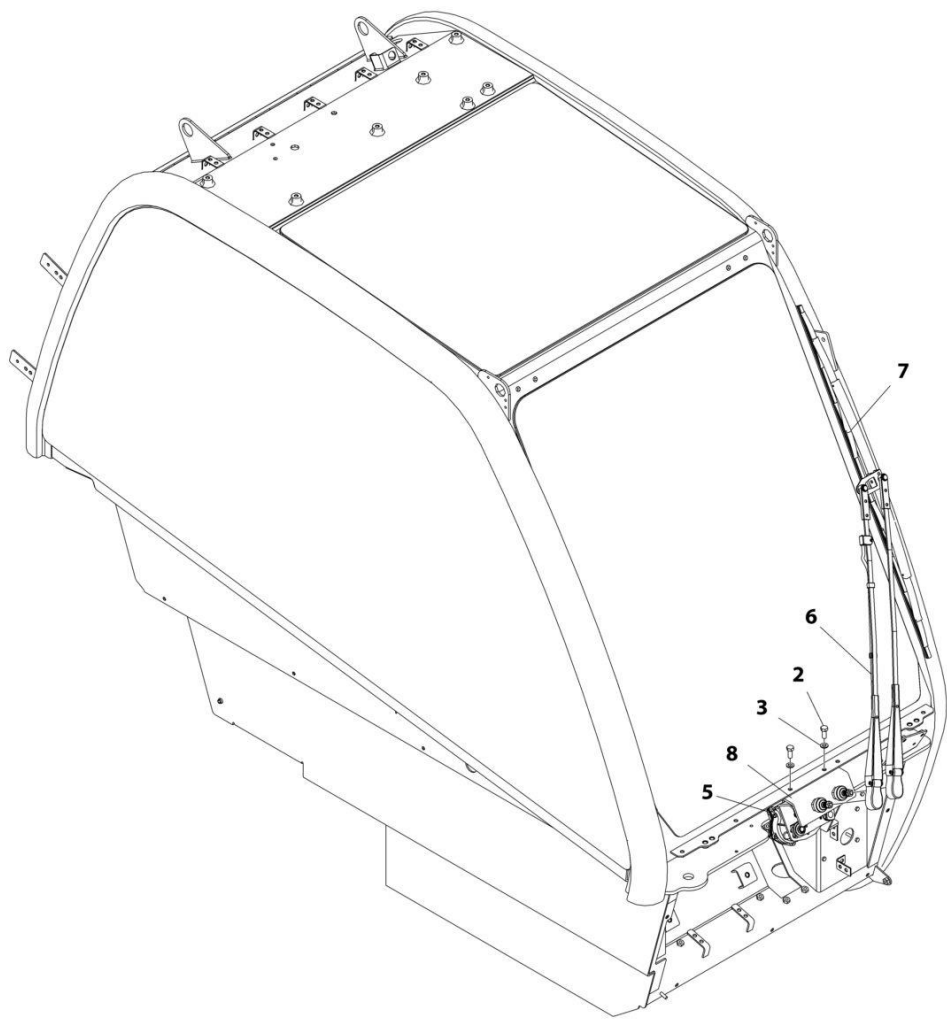
ART_1001230435-A

FIGURE 6-16. INTERIOR MIRROR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230435	Ref	Basic Mirror Installation	A
1	0760808	2	Bolt, M8X16	
2	4811900	2	Washer, M8	
3	80363195	1	Mirror	
4	1001164655	1	Bracket	
5	1001227357	1	Cover, Mirror Bracket	

SECTION 6 - CAB

FIGURE 6-17. FRONT WIPER INSTALLATION



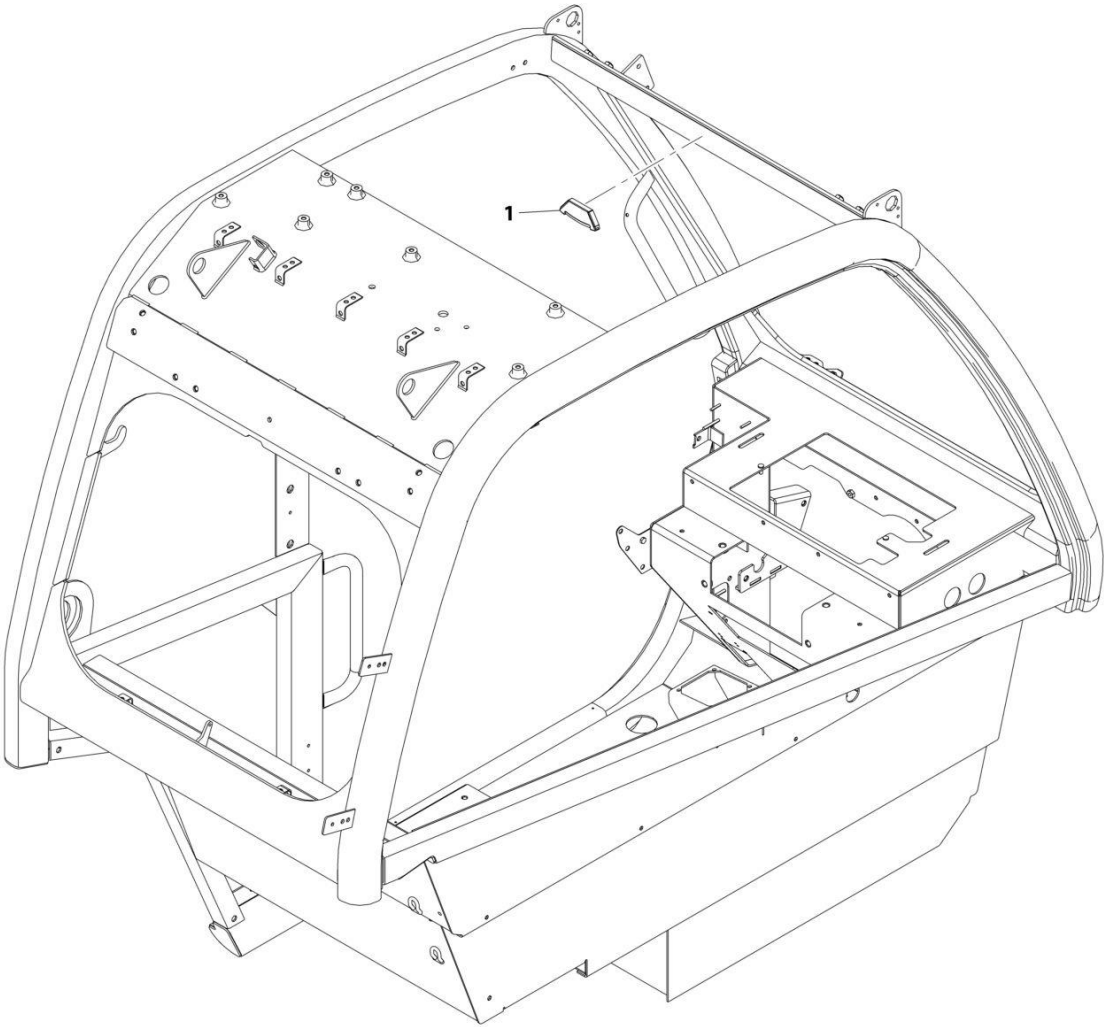
ART_1001155447-G

FIGURE 6-17. FRONT WIPER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155447	Ref	Front Wiper Installation	G
2	0760810	2	Bolt, M8X20	
3	4811900	2	Washer, M8	
5	1001214092	1	Motor, Front Wiper	
6	1001212369	1	Arm, Front Wiper	
7	1001141281	1	Blade, Wiper	
8	1001165637	1	Bracket	

SECTION 6 - CAB

FIGURE 6-18. LEVEL INDICATOR INSTALLATION



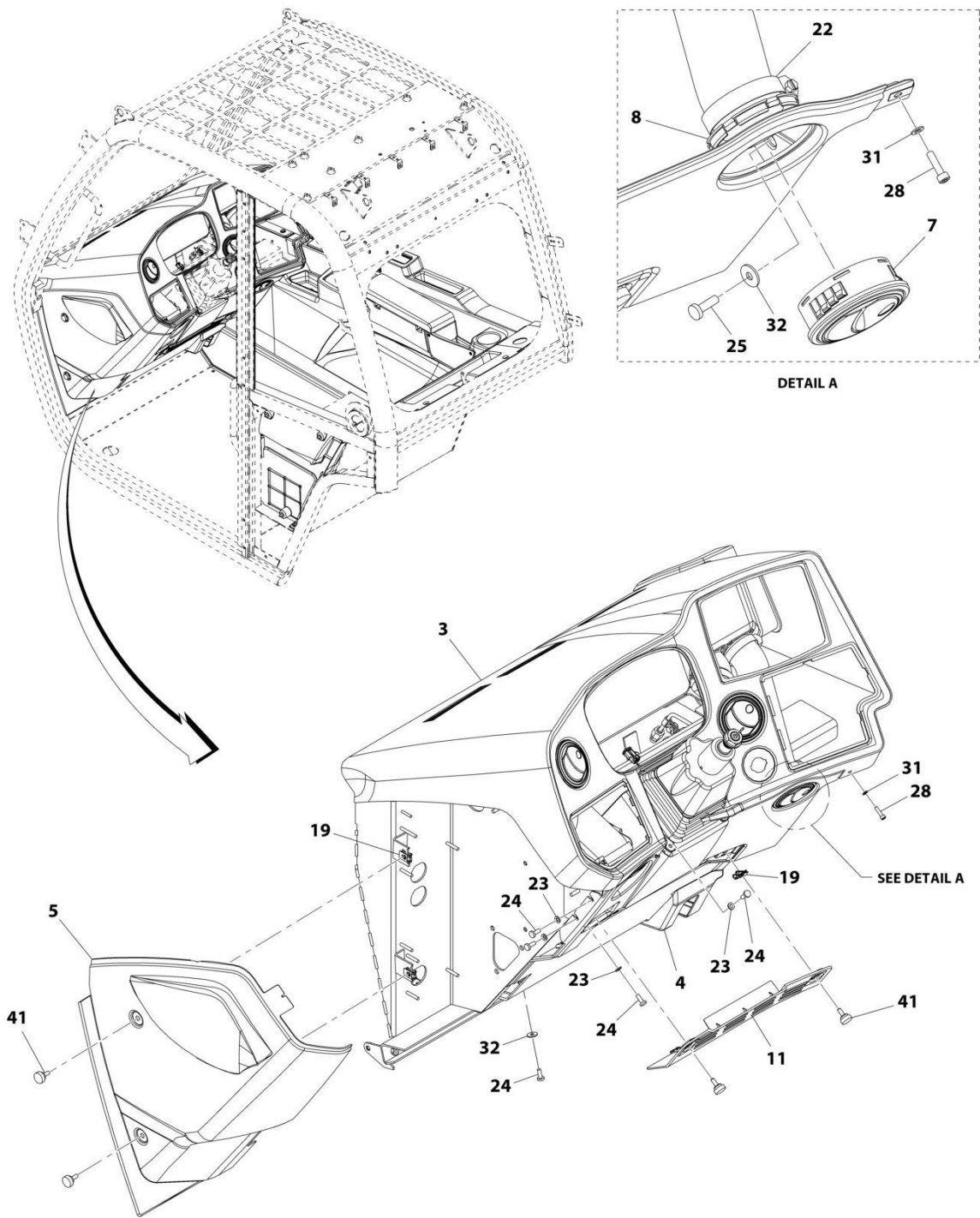
ART_1001172401-C

FIGURE 6-18. LEVEL INDICATOR INSTALLATION

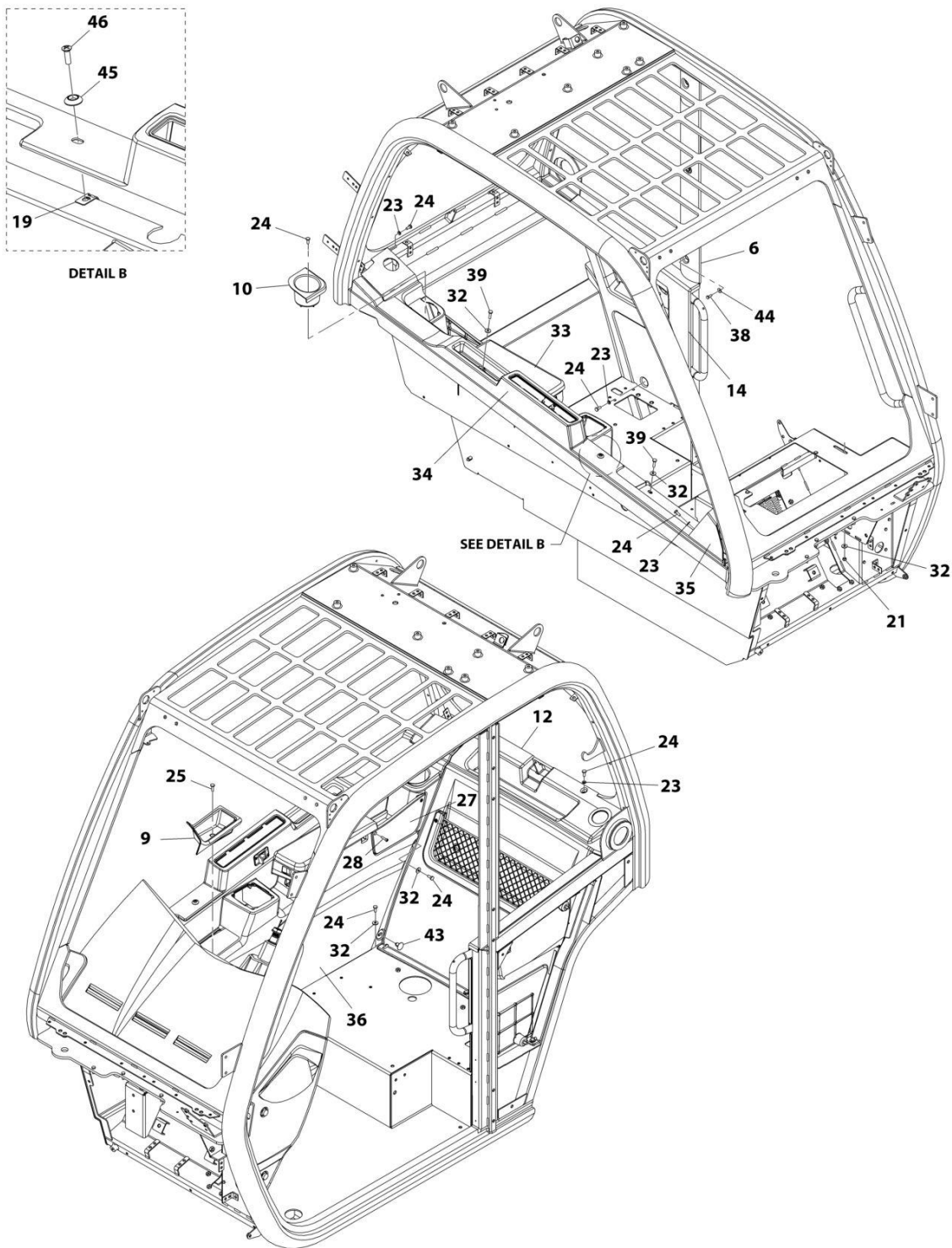
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001172401 8466306	Ref 1	Level Indicator Installation Gauge, Tilt Angle	C

SECTION 6 - CAB

FIGURE 6-19. ENCLOSED CAB TRIM INSTALLATION



ART_1001167981_1-N



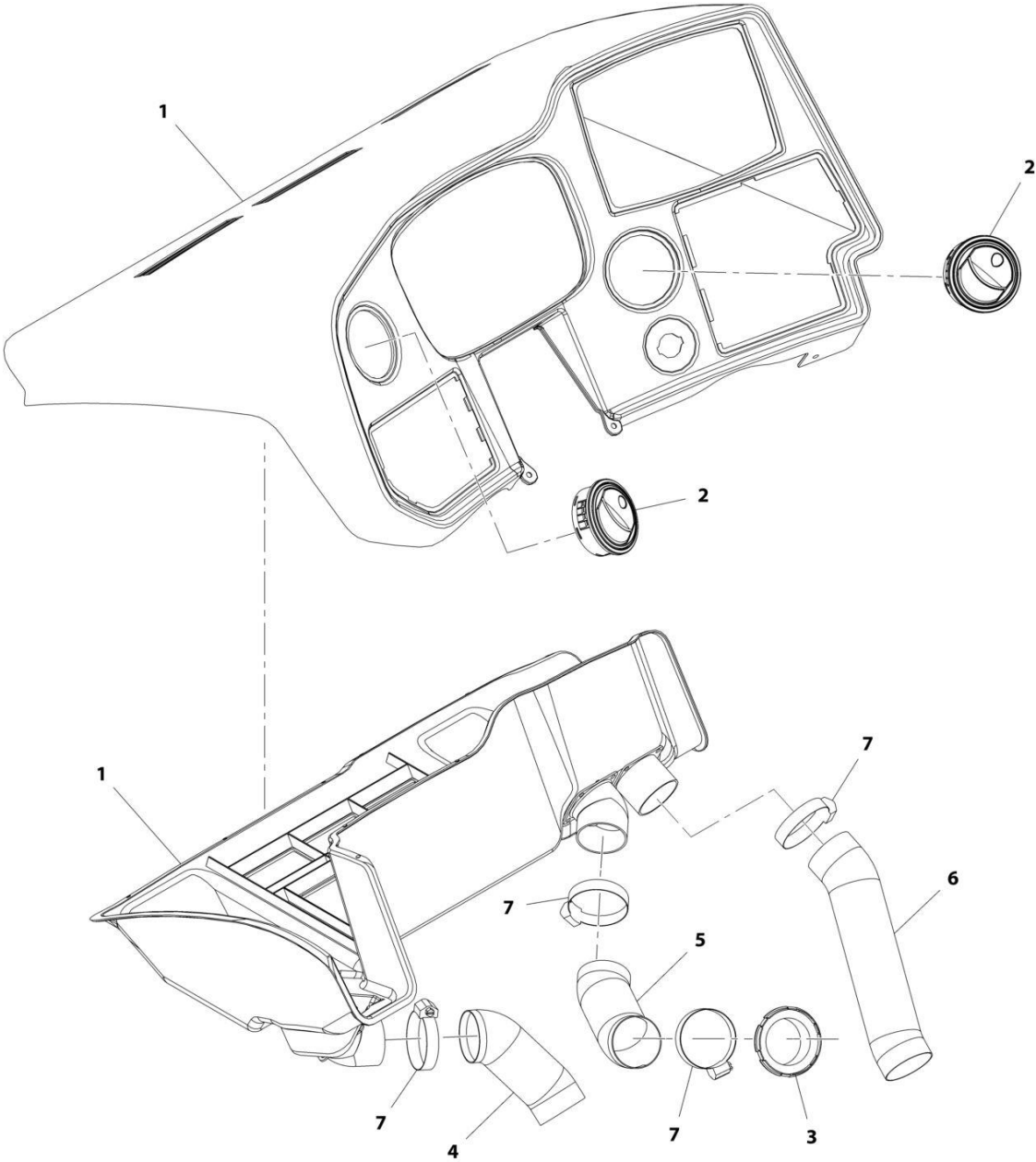
ART_1001167981_2-N

SECTION 6 - CAB

FIGURE 6-19. ENCLOSED CAB TRIM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167981	Ref	Enclosed Cab Trim Installation	P
3	1001169604	1	Assembly, Dash Cover (See Separate Breakdown in this Section)	
4	1001175903	1	Panel, Lower Dash	
5	1001161855	1	Panel, LH Dash	
6	1001219076	1	Panel, Cover	
7	1001147449	2	Vent, Air	
8	1001149278	2	Vent, Connector	
9	1001169603	1	Panel, Trinket Tray	
10	1001170518	1	Holder, Cup	
11	1001170504	1	Panel, Recirculation Grille Cover	
12	1001170519	1	Assembly, Rear Panel Cover (See Separate Breakdown in this Section)	
14	1001161068	1	Panel, Cover	
19	8305919	5	Nut, M6	
21	3290605	2	Nut, Lock M6X1 Grade 8	
22	8405201	2	Clamp, Gear	
23	4811700001	13	Washer, M6	
24	4010608002	20	Screw, M6X16	
25	4010610002	2	Screw, M6X20	
27	1001173965	1	Bezel, RH	
28	4031608001	3	Bolt, M5X20	
31	4811600	1	Washer, M5	
32	4811702001	12	Washer, M6	
33	1001181726	Ref	Installation, Adjustable Armrest (See Separate Breakdown in this Section)	
34	1001182834	1	Panel, Cover	
35	1001185870	1	Panel, Cover	
36	1001189182	1	Panel, Cover	
38	4010508002	3	Bolt, M5-.8X16	
39	4010612002	3	Screw, M6X25	
41	1001208308	4	Bolt, M6X15	
43	1001211907	1	Screw, Retainer	
44	4811602001	3	Washer, 5M	
45	1001098150	1	Washer, M6	
46	1001132564	1	Screw M6X20	

FIGURE 6-20. DASH COVER ASSEMBLY



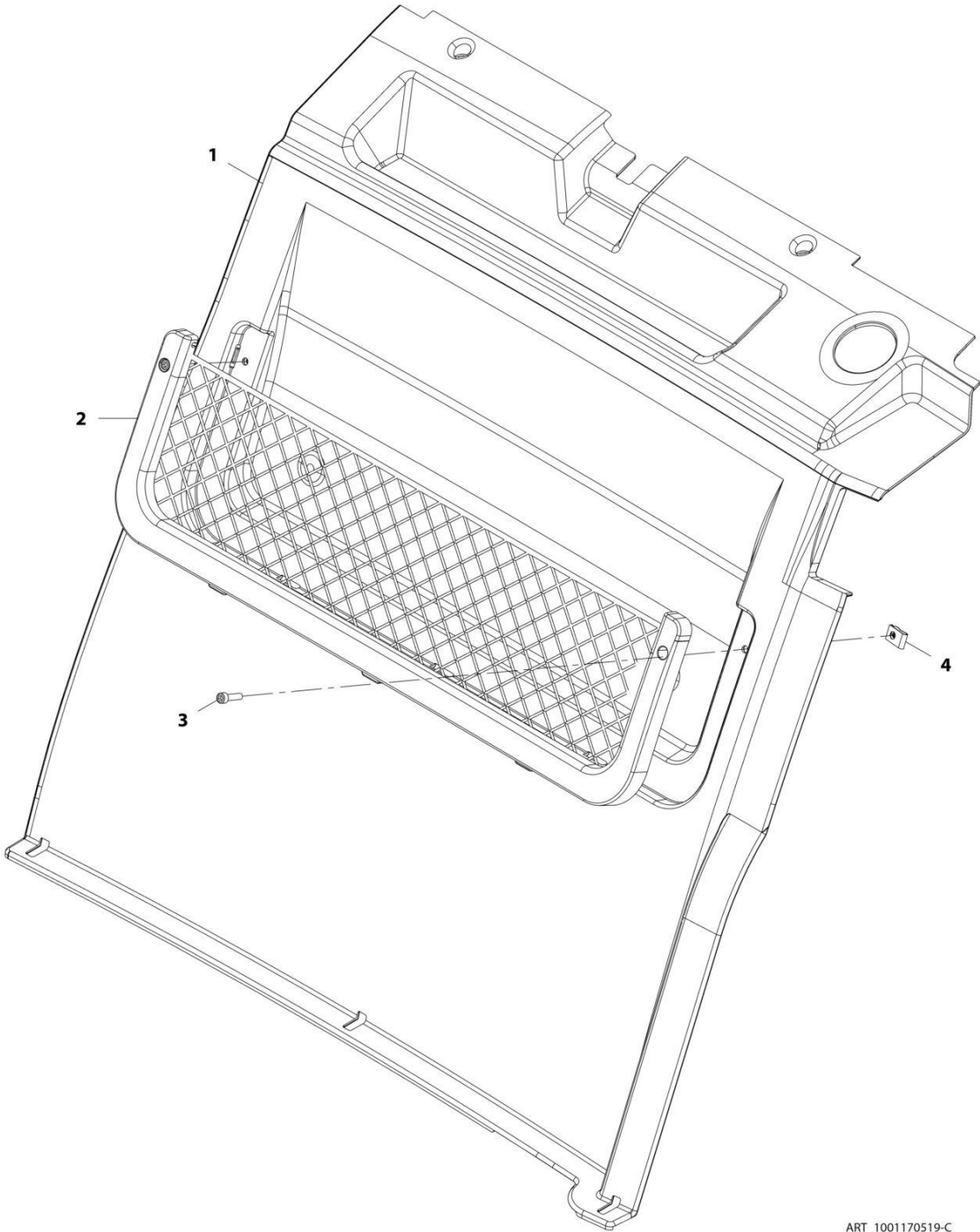
ART_1001169604-B

FIGURE 6-20. DASH COVER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169604	Ref	Dash Cover Assembly (Construction)	B
1	1001161851	1	Panel, Top Dash	
2	1001147449	2	Vent, Air	
3	1001149278	1	Vent, Connector	
4	1001174652	1	Hose	
5	1001174653	1	Hose	
6	1001174655	1	Hose	
7	8405201	4	Clamp, Gear	

SECTION 6 - CAB

FIGURE 6-21. REAR PANEL COVER ASSEMBLY



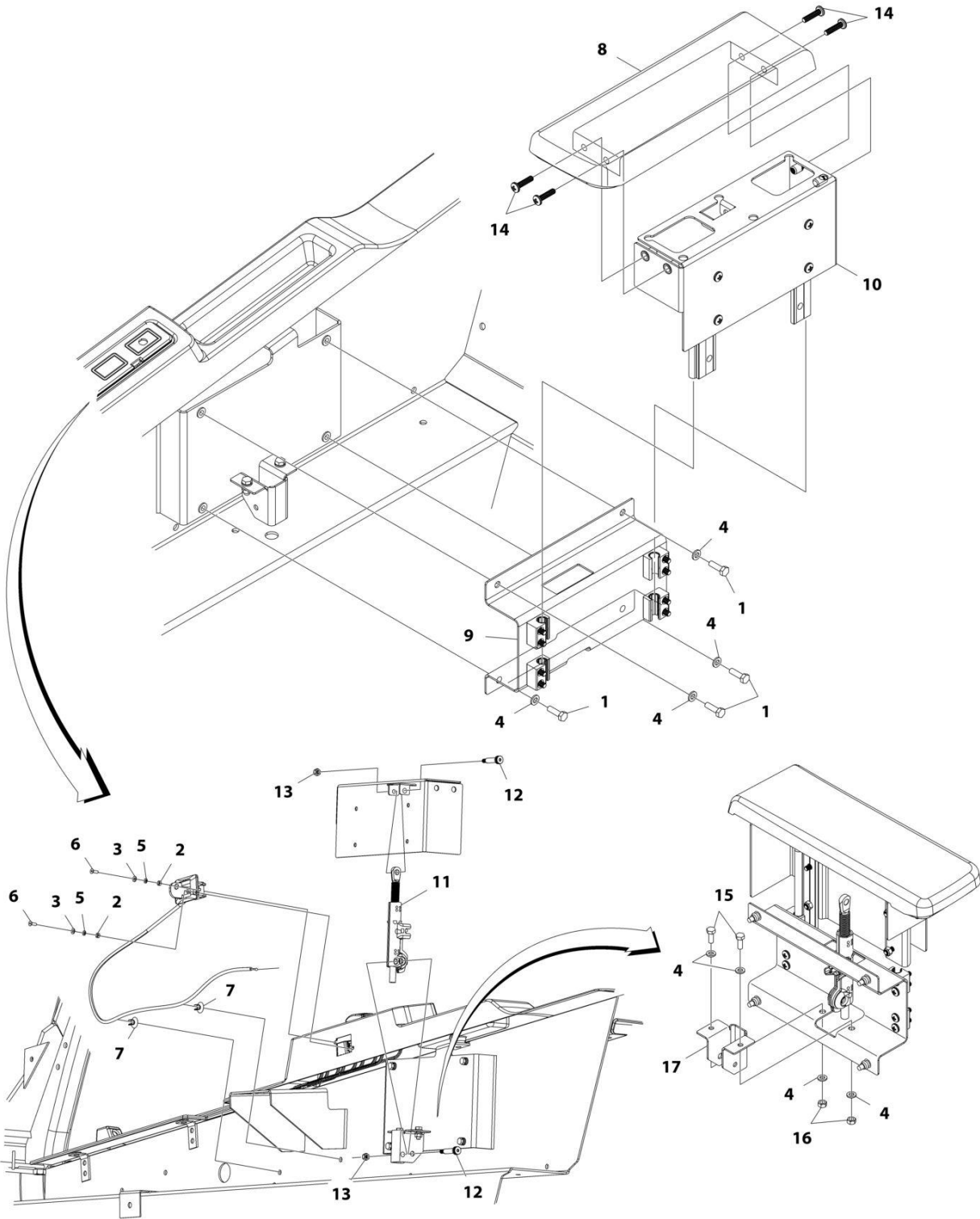
ART_1001170519-C

FIGURE 6-21. REAR PANEL COVER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170519	Ref	Rear Panel Cover Assembly	C
1	1001161067	1	Panel, Rear	
2	1001170514	1	Storage Net, Rear Panel	
3	4031608	2	Bolt, M5X20	
4	1001183550	2	Nut, Cage M5	

SECTION 6 - CAB

FIGURE 6-22. ADJUSTABLE ARMREST INSTALLTION

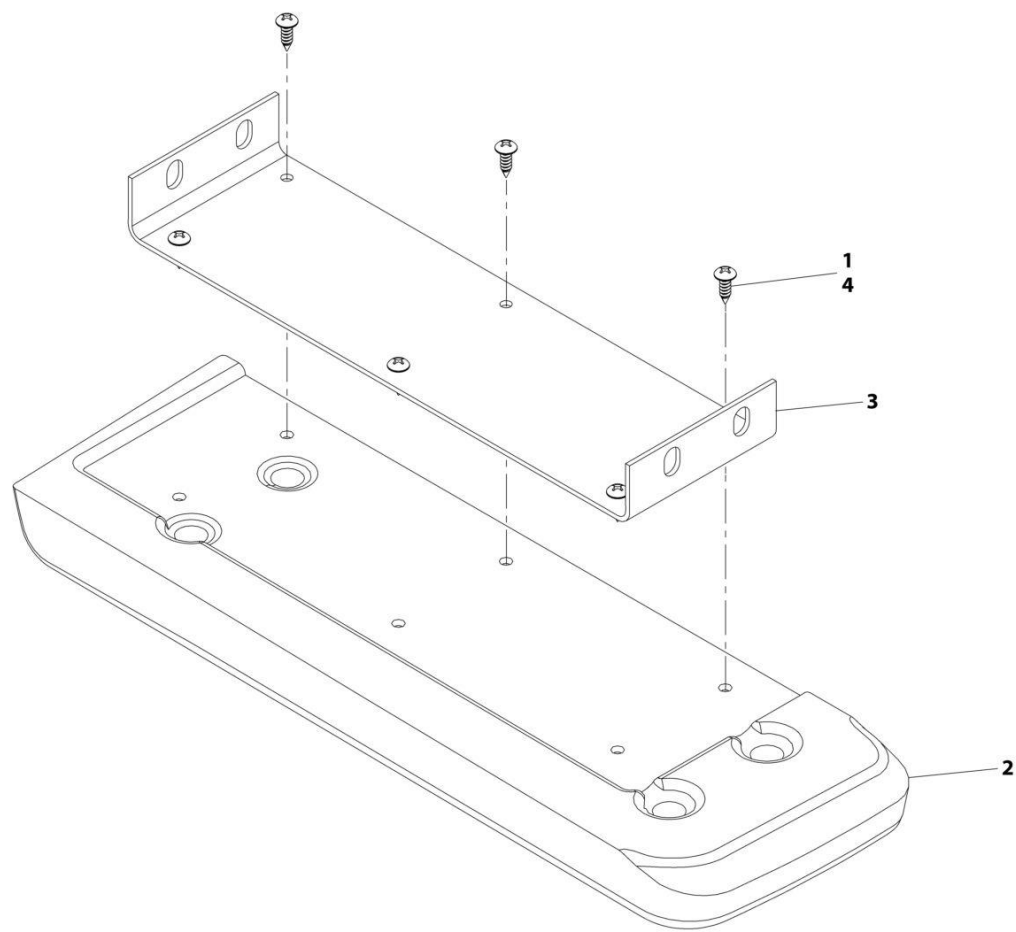


ART_1001181726_G

FIGURE 6-22. ADJUSTABLE ARMREST INSTALLTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181726	Ref	ADJUSTABLE ARMREST INSTALLTION	G
1	0700610	4	Bolt, M6X20	
2	3290401	2	Nut, M4X0.7	
3	4811400	2	Washer, M4	
4	4811700	8	Washer, M6	
5	4831400	2	Washer, Lock M4	
6	1001097244	2	Screw, M4X12	
7	1001165458	2	Hose	
8	1001191281	1	Armrest (See Separate Breakdown in this Section)	
9	1001191283	1	Bracket, Fixed Armrest (See Separate Breakdown in this Section)	
10	1001191284	1	Bracket, Moving Armrest (See Separate Breakdown in this Section)	
11	1001283175	1	Spring	
12	1001191370	2	Screw, M6	
13	3290605	2	Nut, M6X1 Grade 8	
14	4010612002	4	Screw, M6X25	
15	0760608	2	Bolt, M6X16	
16	3290601	2	Nut, M6X1	
17	1001212468	1	Bracket, Locking Spring Mount	

FIGURE 6-23. ARMREST



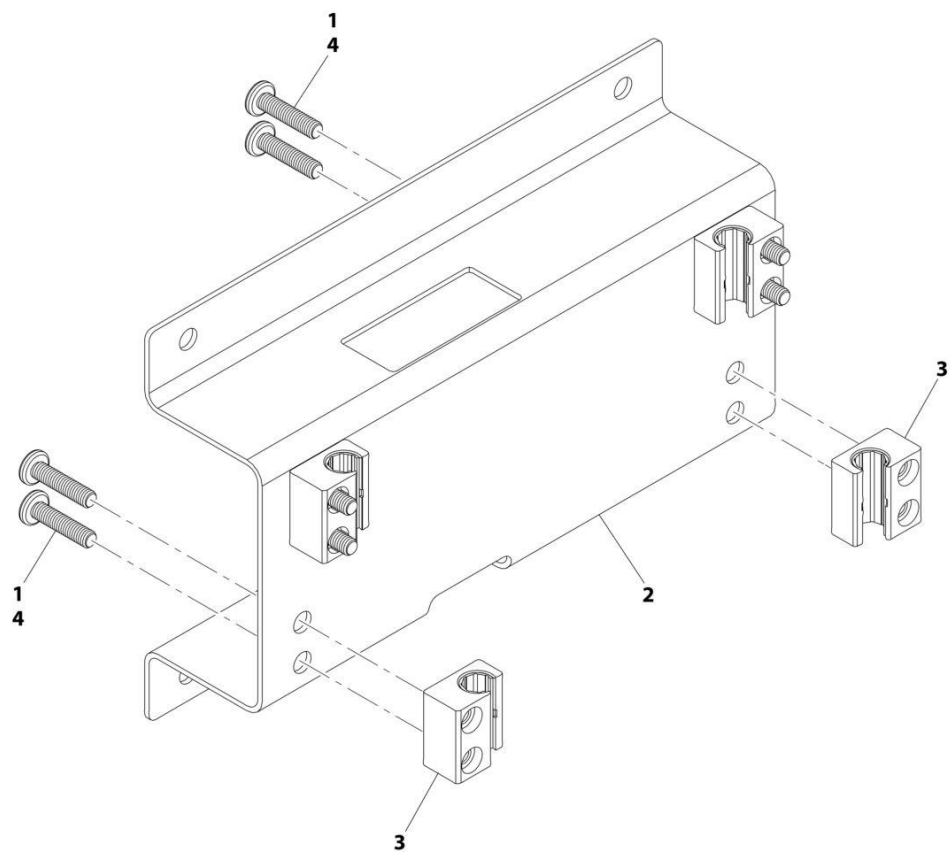
ART_1001191281

FIGURE 6-23. ARMREST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191281	Ref	Armrest	E
1	1001095650	AR	Adhesive	
2	1001179484	1	Armrest, Cab	
3	1001191282	1	Bracket, Armrest Pad	
4	1001192240	6	Screw	

SECTION 6 - CAB

FIGURE 6-24. FIXED ARMREST BRACKET



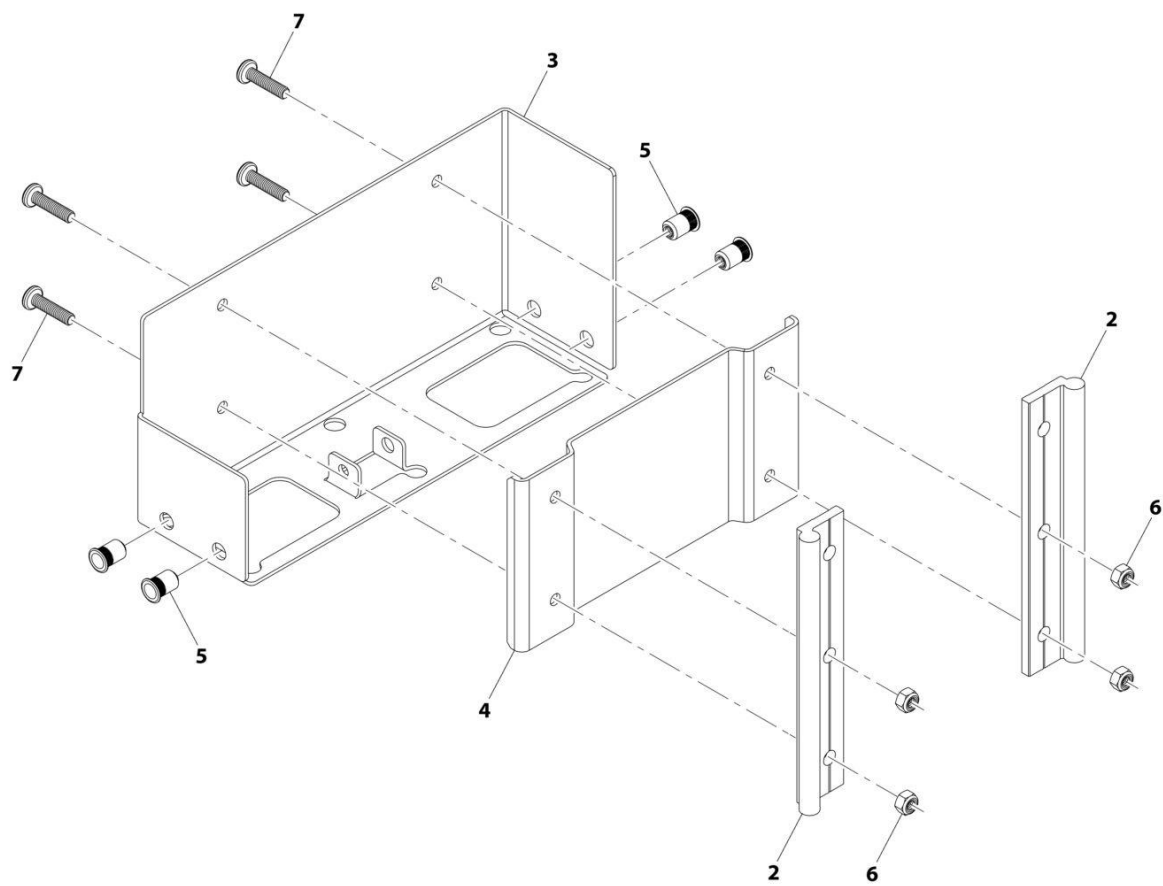
ART_1001191283-B

FIGURE 6-24. FIXED ARMREST BRACKET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191283	Ref	Fixed Armrest Bracket	B
1	1001095650	AR	Adhesive	
2	1001183597	1	Armrest Bracket	
3	1001191310	4	Slide Block	
4	4010612002	8	Screw	

SECTION 6 - CAB

FIGURE 6-25. MOVING ARMREST BRACKET



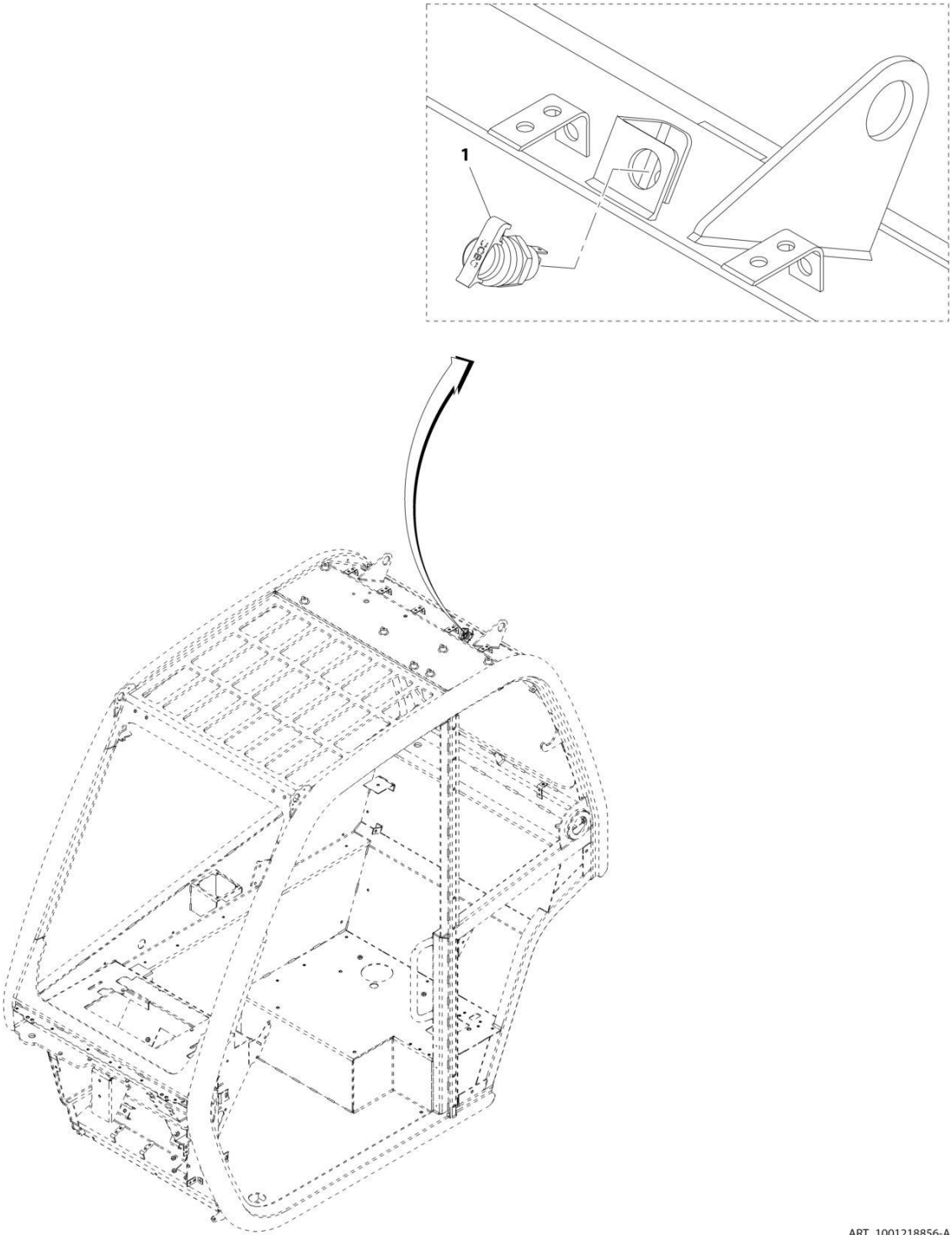
ART_1001191284-B

FIGURE 6-25. MOVING ARMREST BRACKET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191284	Ref	Moving Armrest Bracket	B
2	1001191311	2	Side Rail	
3	1001191312	1	Armrest Mount Bracket	
4	1001191313	1	Spacer Block Plate	
5	1001191959	4	Rivenut M6 X 1	
6	3290605	4	Nut, Lock M6X1	
7	4010612002	4	Screw, M6X25	

SECTION 6 - CAB

FIGURE 6-26. BEACON TERMINAL INSTALLATION



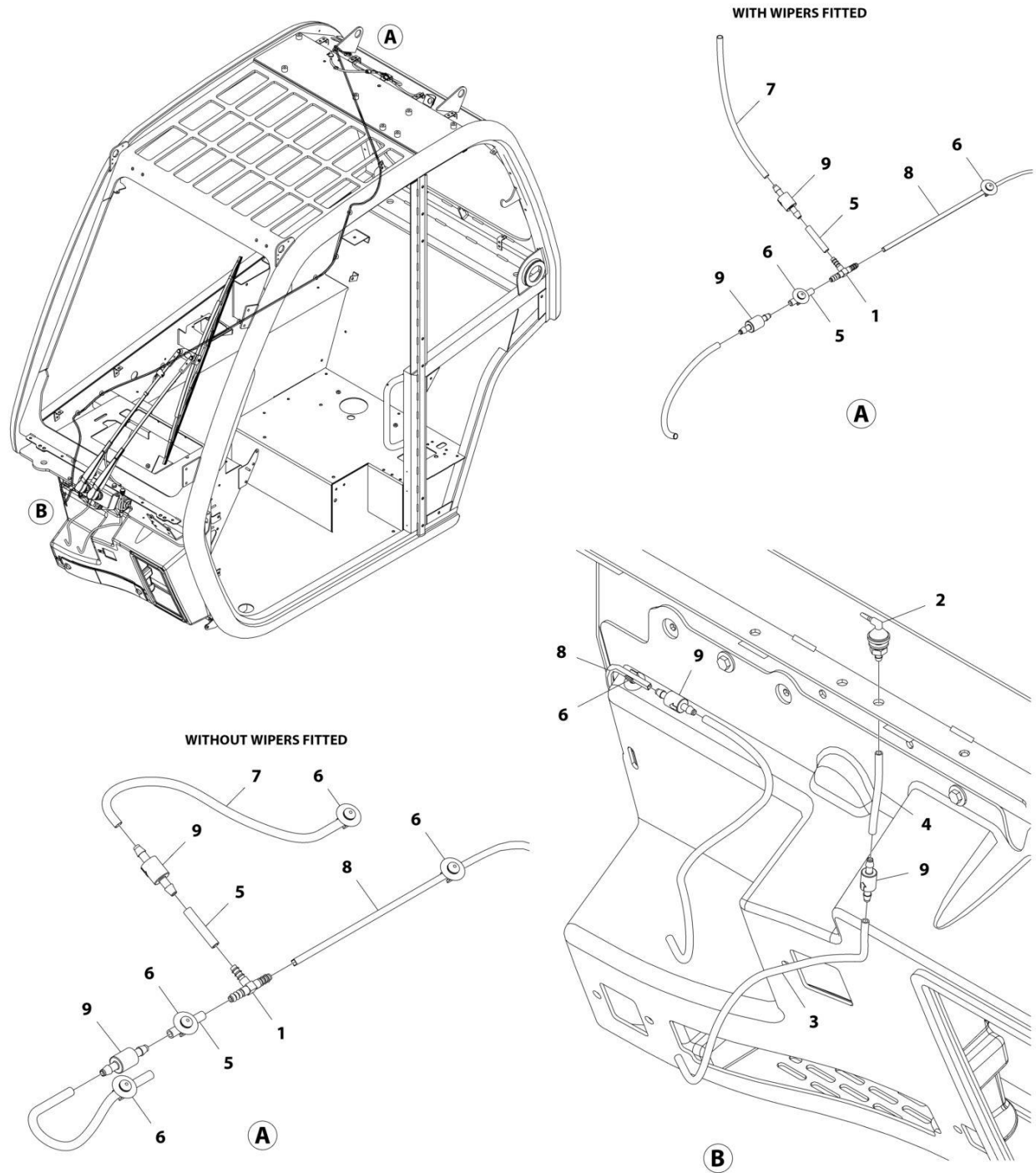
ART_1001218856-A

FIGURE 6-26. BEACON TERMINAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001218856 4461174	Ref 1	Beacon Bracket Installation Plug, 12V Power	A

SECTION 6 - CAB

FIGURE 6-27. WASHER HOSES INSTALLATION

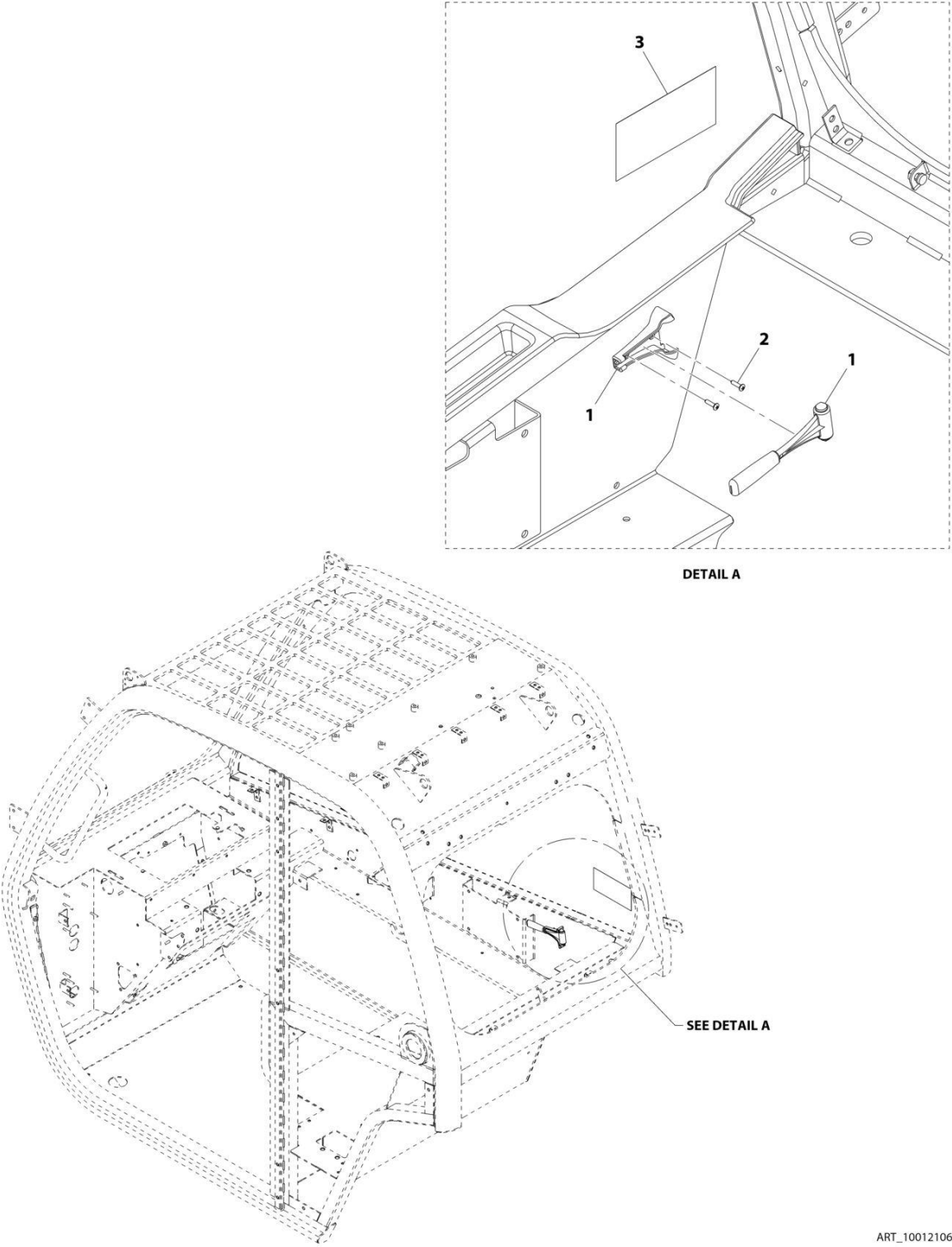


ART_1001201520

FIGURE 6-27. WASHER HOSES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201520	Ref	WASHER HOSES INSTALLATION	C
1	1001008742	1	Coupling, Tee	
2	1001090343	1	Connector	
3	1001165351	2	Hose	
4	1001165416	1	Hose	
5	1001165455	2	Hose	
6	1001165458	16	Mount, Hose	
7	1001178123	2	Hose	
8	1001180045	1	Hose	
9	1001201331	4	Valve, Check	

FIGURE 6-28. HAMMER INSTALLATION



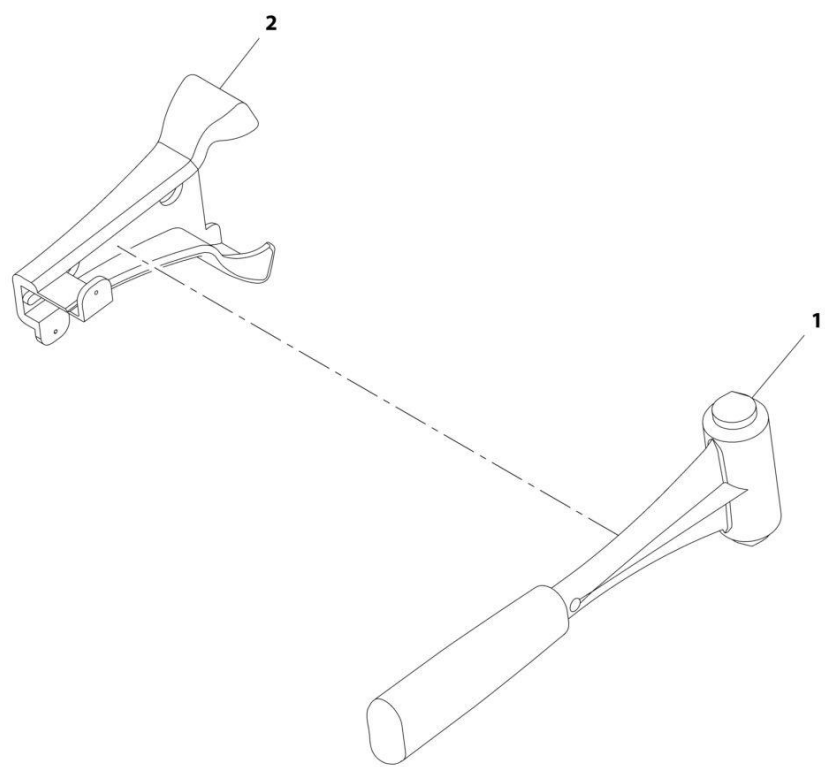
ART_1001210628-B

FIGURE 6-28. HAMMER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001210628	Ref	Hammer Installation	B
	1001005038	1	Assembly, Hammer Attachment (See Separate Breakdown in this Section)	
2	1001005193	2	Screw	
3	1001215804	1	Decal, Emergency Exit	

SECTION 6 - CAB

FIGURE 6-29. HAMMER ATTACHMENT ASSEMBLY

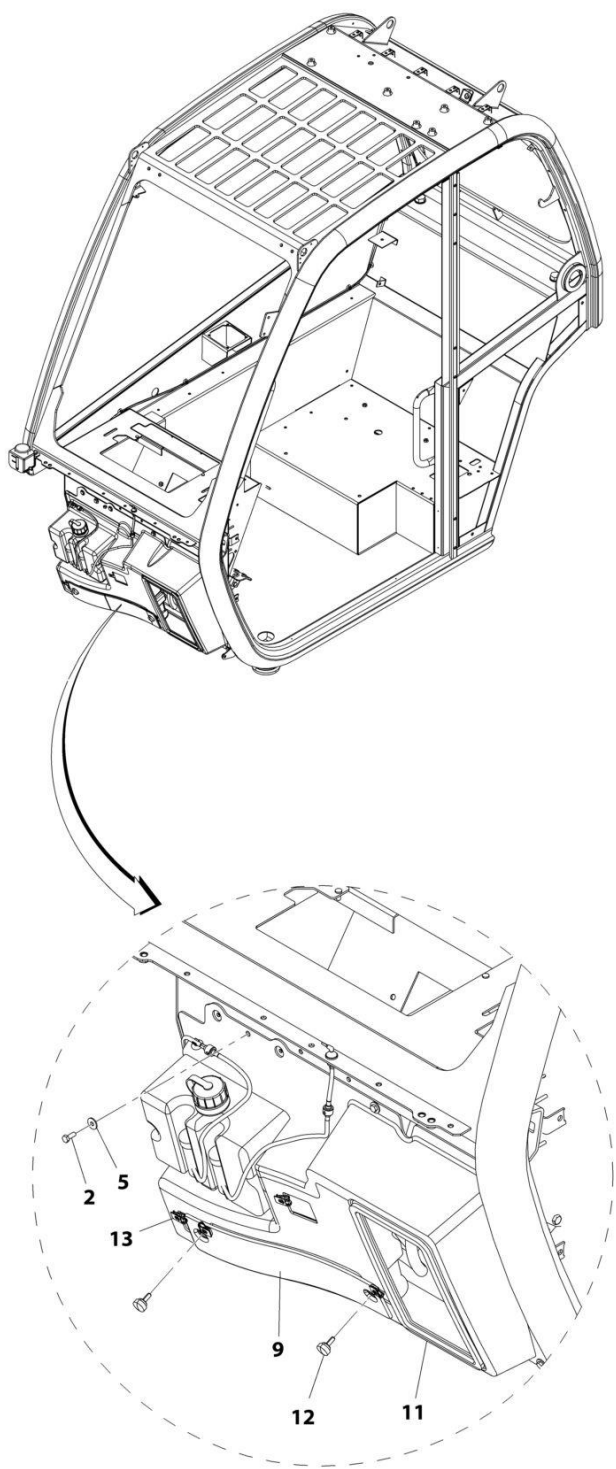


ART_1001005038-B

FIGURE 6-29. HAMMER ATTACHMENT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001005038	Ref	Hammer Attachment Assembly	B
1	1001006954	1	Hammer	
2	1001006955	1	Bracket, Hammer	

FIGURE 6-30. FRONT COVER INSTALLATION

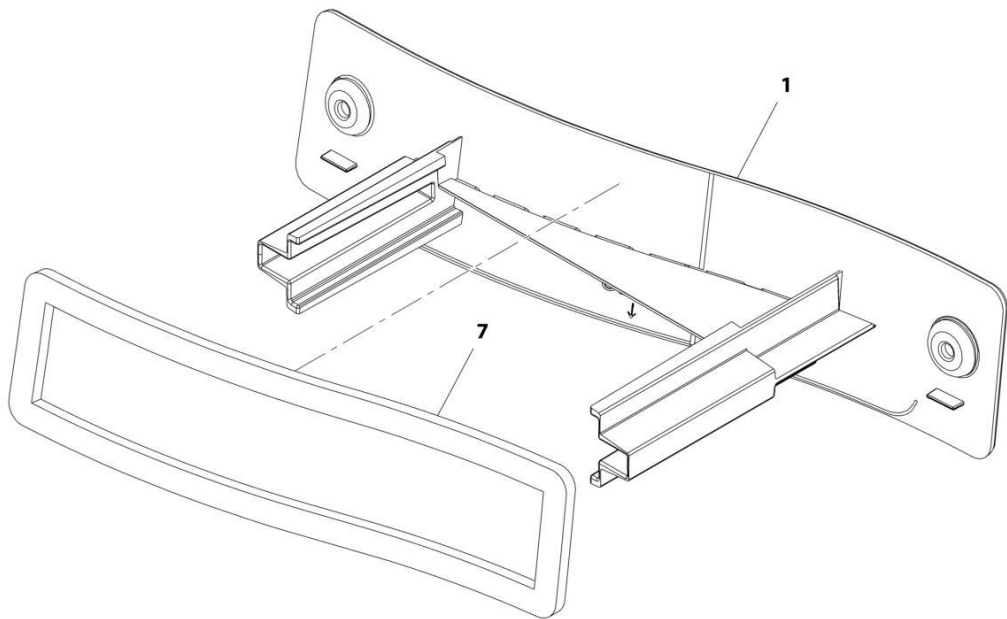


ART_1001170366-G

FIGURE 6-30. FRONT COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170366	Ref	Front Cover Installation	G
2	0760608	7	Bolt, M6X16	
5	4811702	7	Washer, M6	
9	1001175471	1	Panel, Filter Tray (See Separate Breakdown in this Section)	
11	1001176121	1	Cover, Front Duct (See Separate Breakdown in this Section)	
12	2080092	2	Thumb Screw, M6X16	
13	8305919	4	Nut, M6	

FIGURE 6-31. FILTER TRAY PANEL

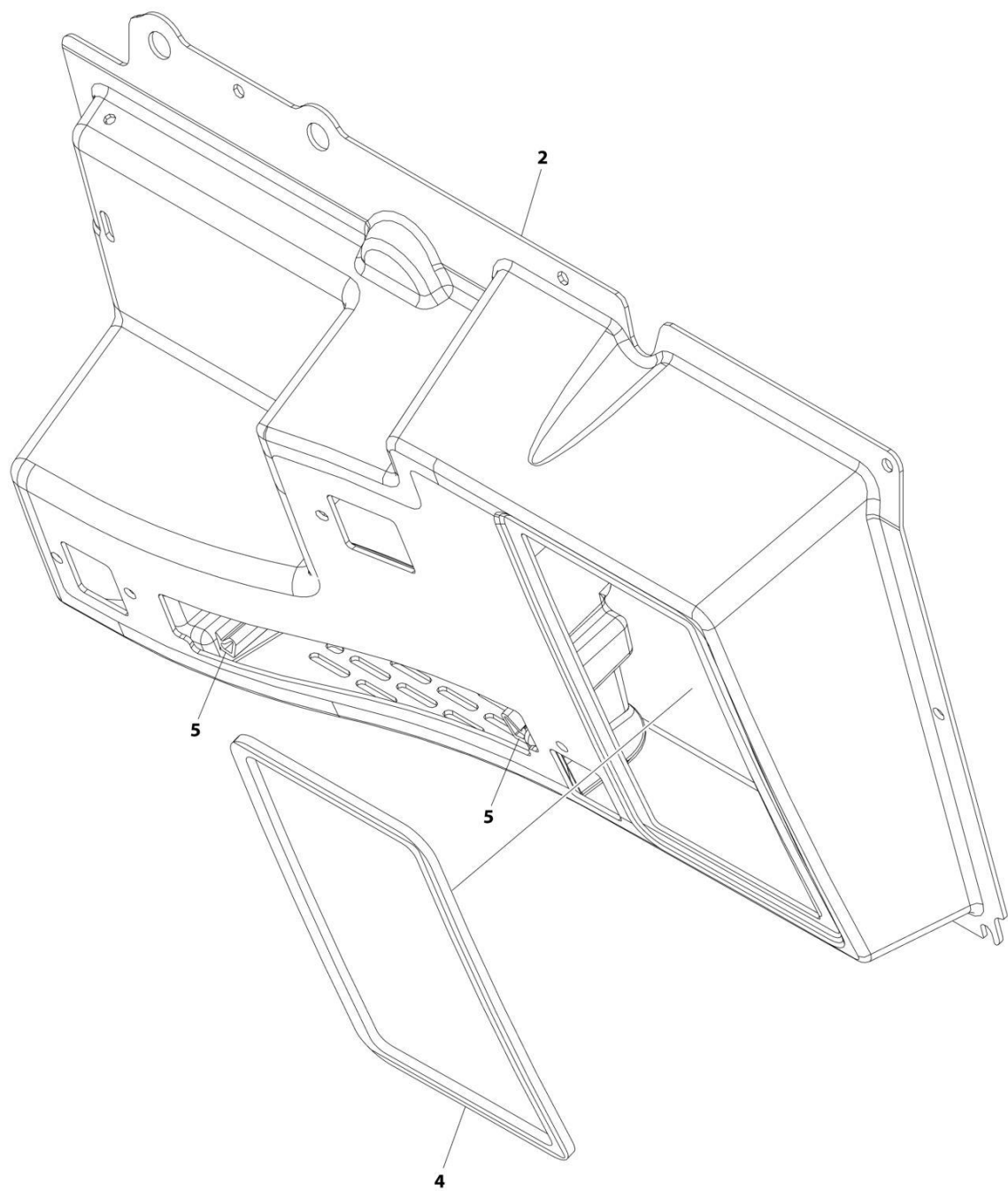


ART_1001175471-D

FIGURE 6-31. FILTER TRAY PANEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175471	Ref	Filter Tray Panel	D
1	1001170993	1	Panel, Front Inlet	
7	1001171767	1	Cab, Front Panel Seal	

FIGURE 6-32. FRONT DUCT COVER



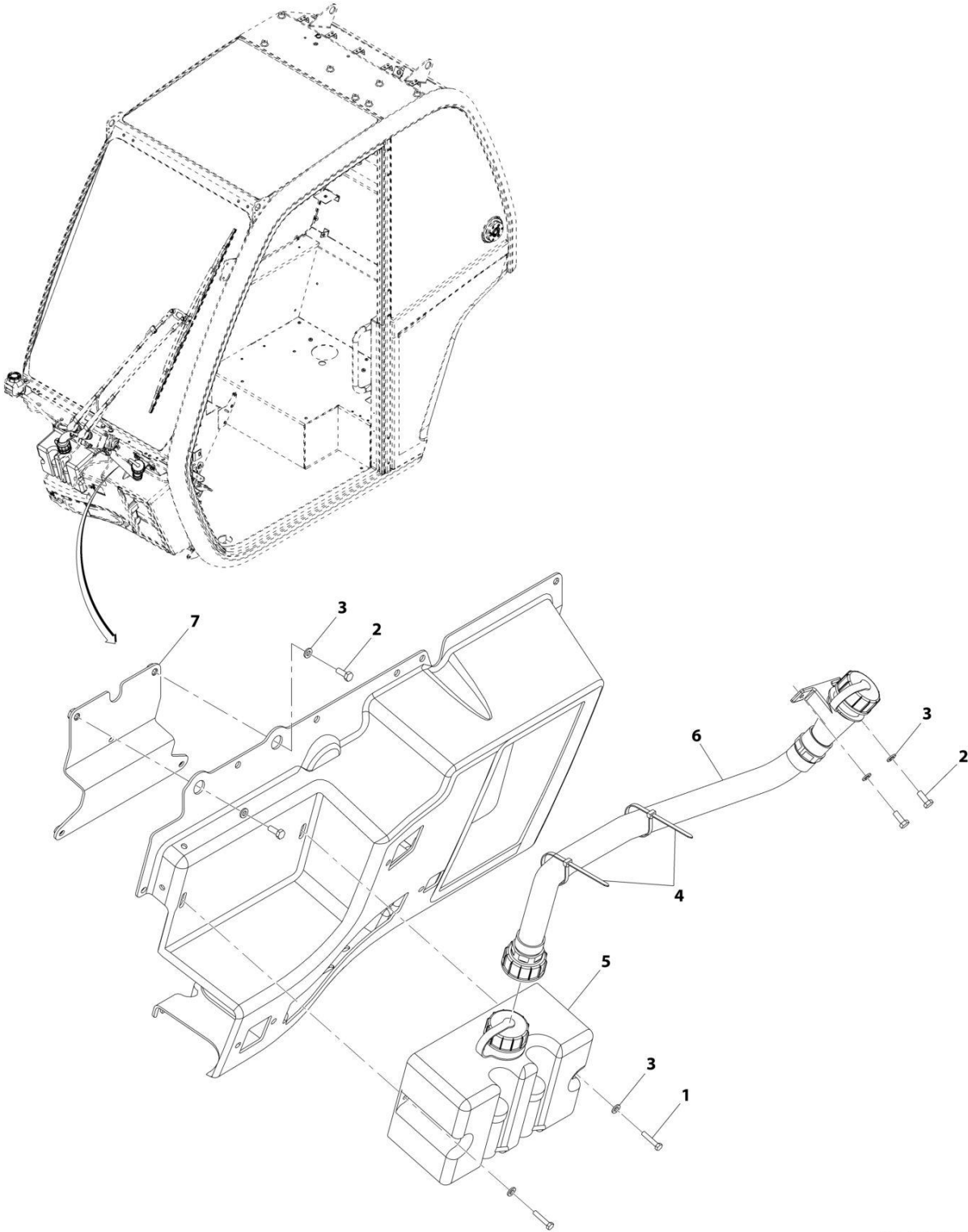
ART_1001176121

FIGURE 6-32. FRONT DUCT COVER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176121	Ref	FRONT DUCT COVER	H
2	1001170326	1	Cover, Front	
4	1001175470	1	Seal, Front Cab Panel	
5	1001270117	AR	Seal, Bulb	

SECTION 6 - CAB

FIGURE 6-33. WASHER TANK INSTALLATION

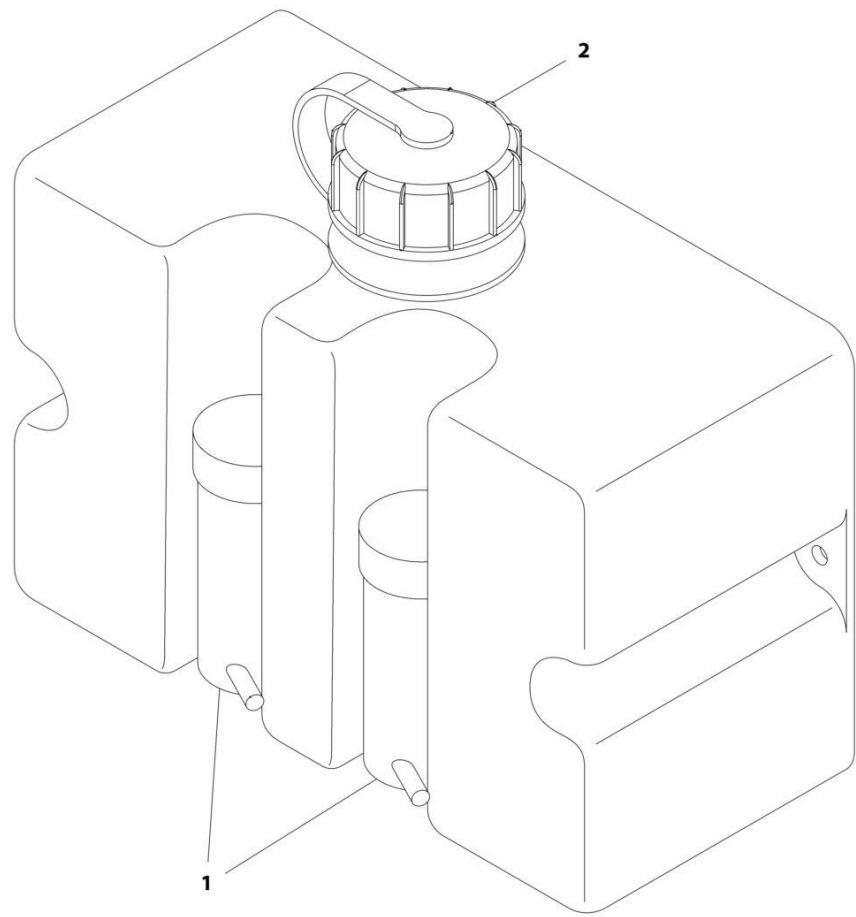


ART_1001201027-C

FIGURE 6-33. WASHER TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201027	Ref	Washer Tank Installation	C
1	0760512	2	Bolt M5X25	
2	0760608	4	Bolt, M6X16	
3	4811700	6	Washer, M6	
4	471678	2	Band, Cable	
5	1001165269	1	Bottle, Washer (See Separate Breakdown in this Section)	
6	1001165270	1	Hose, Washer Filler	
7	1001171756	1	Bracket	

FIGURE 6-34. WASHER BOTTLE



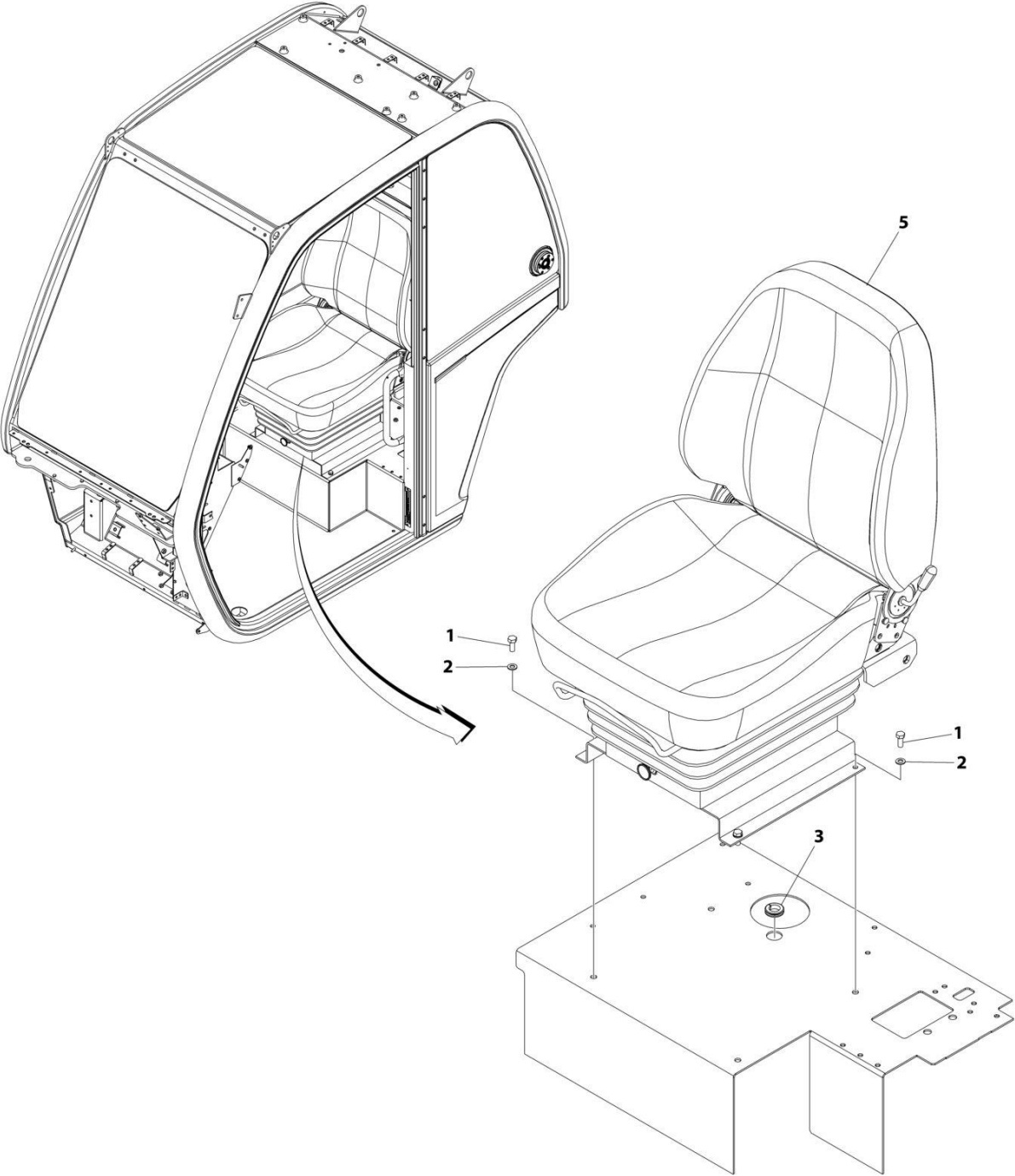
ART_1001165269-B

FIGURE 6-34. WASHER BOTTLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165269	Ref	Washer Bottle	B
1	1001165327	2	Pump, Washer	
2	1001165273	1	Cap, Washer	

SECTION 6 - CAB

FIGURE 6-35. SEAT INSTALLATION (AIR SUSPENSION - STANDARD)



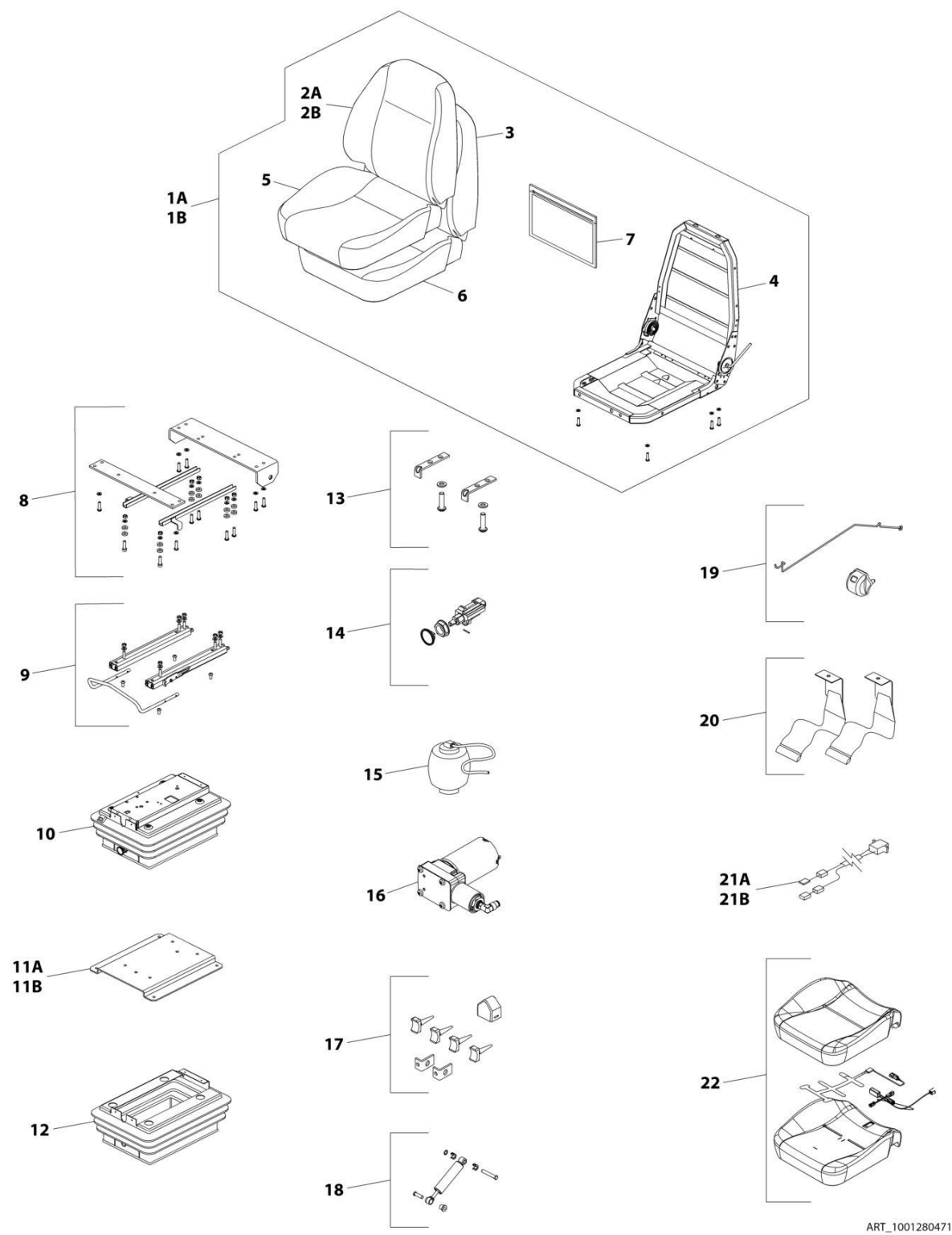
ART_1001158596_E

FIGURE 6-35. SEAT INSTALLATION (AIR SUSPENSION - STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158596	Ref	SEAT INSTALLATION (AIR SUSPENSION - STANDARD)	E
1	0760810	4	Bolt, M8X20	
2	4811900	4	Washer, M8	
3	1001216974	1	Grommet	
5	1001280471	1	Seat Assembly (See Separate Breakdown in this Section)	

SECTION 6 - CAB

FIGURE 6-36. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD)



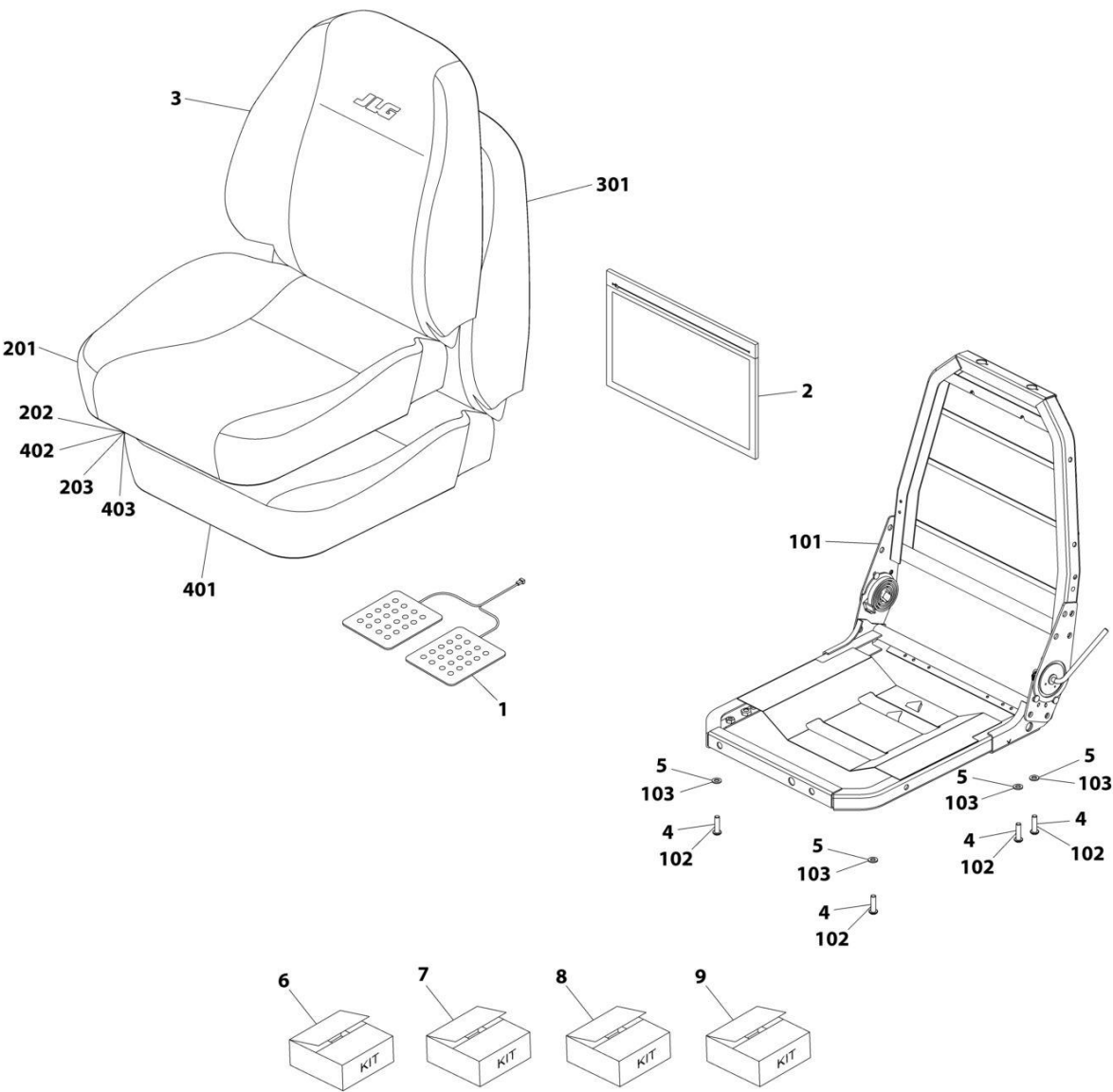
ART_1001280471

FIGURE 6-36. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280471	Ref	SEAT ASSEMBLY (AIR SUSPENSION - STANDARD)	A
1A	70031050	1	Cushion and Frame Assembly (Without Sensor) (Includes Items 2-7)	
1B	70031051	1	Cushion and Frame Assembly (With Sensor) (Includes Items 2-7)	
2A	70027399	1	Fabric, Seat Back (Without Sensor)	
2B	70031052	1	Fabric, Seat Back (With Sensor)	
3	80264002	1	Foam, Seat Back	
4	70021314	1	Frame, Seat Bottom and Back	
5	70027394	1	Fabric, Seat Bottom	
6	80264004	1	Foam, Seat Bottom	
7	70021316	1	Document Bag Kit	
8	70021317	1	Frame Mount Kit	
9	70021318	1	Fore/Aft Side Adjustment Kit	
10	70021319	1	Suspension Kit	
11A	70021320	1	Mounting Plate Kit (16.5mm Height)	
11B	70027395	1	Mounting Plate Kit (44.5mm Height)	
12	70021321	1	Cover, Suspension	
13	70021322	1	Side Rail Stop Kit	
14	70021323	1	Air Valve Kit	
15	70021324	1	Air Spring Kit	
16	70021325	1	Compressor Kit	
17	70021326	1	Limit Switches Kit	
18	70021327	1	Damper Kit	
19	70021328	1	Ride Indicator Kit	
20	70021329	1	Seatbelts Kit	
21A	70021330	1	Seat Adapter Harness (Without Sensor)	
21B	70031053	1	Seat Adapter Harness (With Sensor)	
22	70031054	1	Cover/Foam/Sensor Kit (Includes Items 5 & 6)	

SECTION 6 - CAB

FIGURE 6-37. UPPER SEAT ASSEMBLY



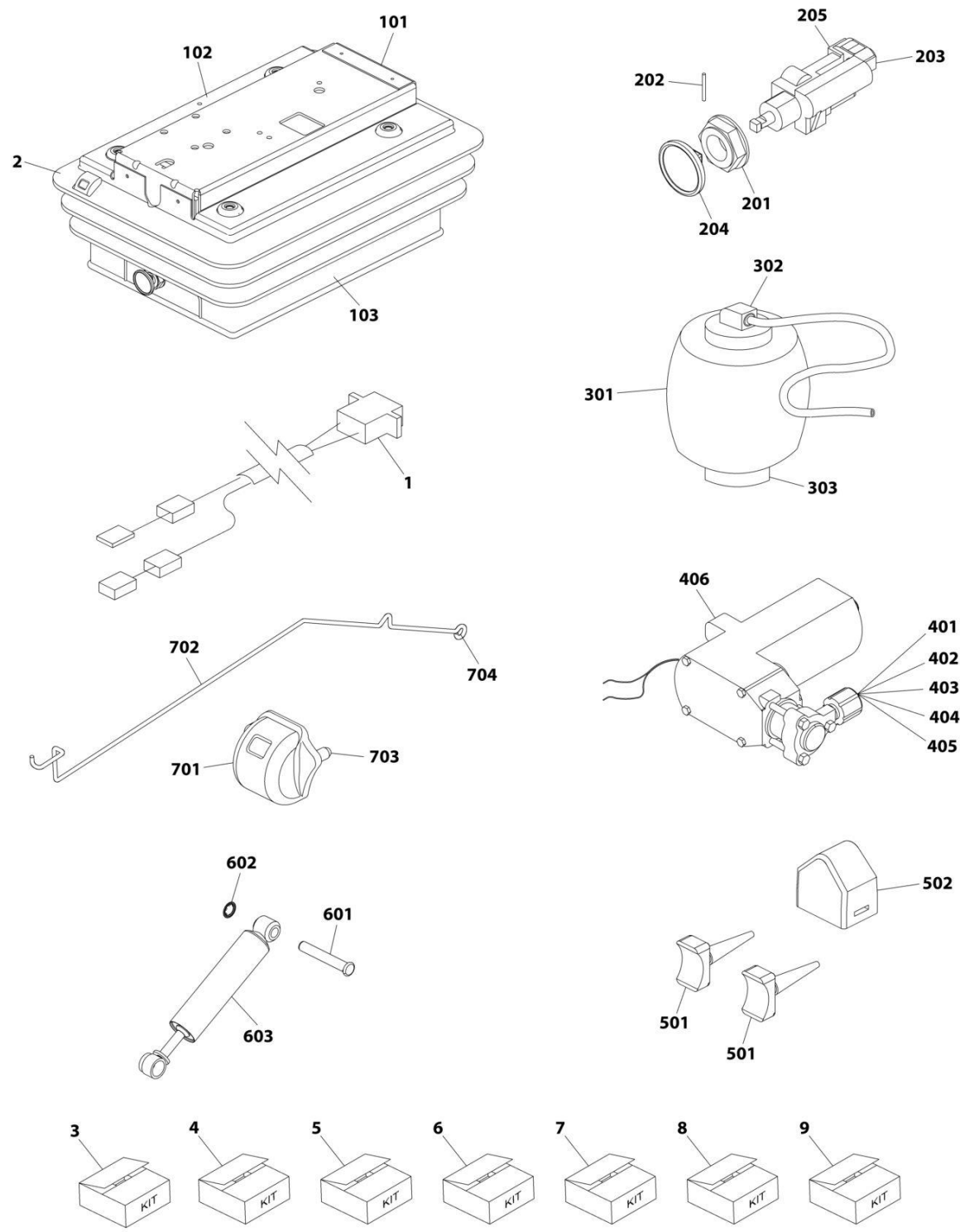
ART_70027392

FIGURE 6-37. UPPER SEAT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027392	Ref	Upper Seat Assembly	
1	70025539	1	Pad, Sensor	
2	70021316	1	Bag	
3	70027393	1	Cover, Back	
4	N.S.S.	4	Bolt, M8X25	
5	N.S.S.	4	Washer	
6	70021314	1	Kit, Frame (includes items 101 thru 103)	
7	70027394	1	Kit, Bottom Seat Cover (includes items 201 thru 203)	
8	80264002	1	Kit, Back Foam (includes items 301 thru 303)	
9	80264004	1	Kit, Seat Foam (includes items 401 thru 403)	
101	N.S.S.	1	Frame, Seat	
102	N.S.S.	4	Bolt, M8X25	
103	N.S.S.	4	Washer	
201	N.S.S.	1	Cover, Seat	
202	N.S.S.	2	Clip	
203	N.S.S.	17	Clip	
301	N.S.S.	1	Foam, Back	
302	N.S.S.	3	Bar, Trim	
303	N.S.S.	4	Ring	
401	N.S.S.	1	Foam, Seat	
402	N.S.S.	2	Clip	
403	N.S.S.	17	Clip	

SECTION 6 - CAB

FIGURE 6-38. SUSPENSION KIT



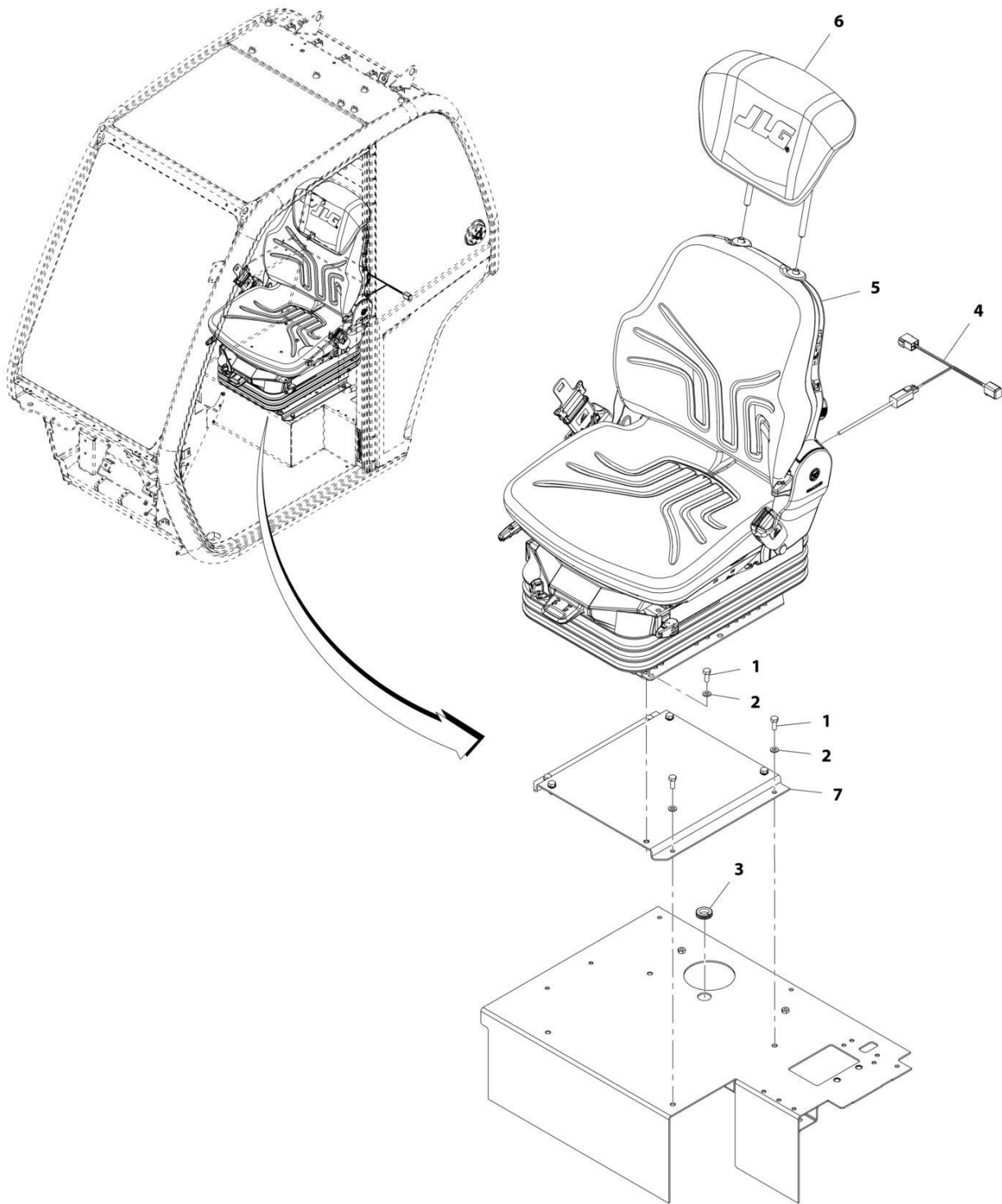
ART_70021319

FIGURE 6-38. SUSPENSION KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021319	Ref	Suspension Kit	
1	70021330	1	Lead, Fly	
2	N.S.S.	1	Suspension	
3	70021321	1	Kit, Suspension Cover (includes items 101 thru 103)	
4	70021323	1	Kit, Air Valve (includes items 201 thru 205)	
5	70021324	1	Kit, Air Spring (includes items 301 thru 303)	
6	70021325	1	Kit, Compressor (includes items 401 thru 406)	
7	70021326	1	Kit, Upstop/Bumpstop (includes items 501 & 502)	
8	70021327	1	Kit, Damper (includes items 601 thru 603)	
9	70021328	1	Kit, Ride Indicator (includes items 701 thru 704)	
101	N.S.S.	6	Clip, Cover	
102	N.S.S.	1	Cover, Suspension	
103	N.S.S.	5	Clip, Cover	
201	N.S.S.	1	Nut, Air Valve	
202	N.S.S.	1	Pin, Retaining	
203	N.S.S.	1	Valve, Combination	
204	N.S.S.	1	Knob	
205	N.S.S.	2	Tie, Plastic	
301	N.S.S.	1	Spring, Air	
302	N.S.S.	1	Clip	
303	N.S.S.	1	Screw, Countersunk Self Tapping	
401	N.S.S.	1	Clip	
402	N.S.S.	1	Pad	
403	N.S.S.	1	Loom	
404	N.S.S.	2	Tie, Cable	
405	N.S.S.	3	Tie, Plastic	
406	N.S.S.	1	Compressor (with Elbow)	
501	N.S.S.	2	Upstop	
502	N.S.S.	1	Bumpstop	
601	N.S.S.	2	Pin	
602	N.S.S.	2	Washer, Starlock	
603	N.S.S.	1	Damper	
701	N.S.S.	1	Indicator, Ride	
702	N.S.S.	1	Wire, Ride Indicator	
703	N.S.S.	2	Washer, Starlock	
704	N.S.S.	1	Washer, Grip M4	

SECTION 6 - CAB

FIGURE 6-39. SEAT INSTALLATION (PREMIUM)



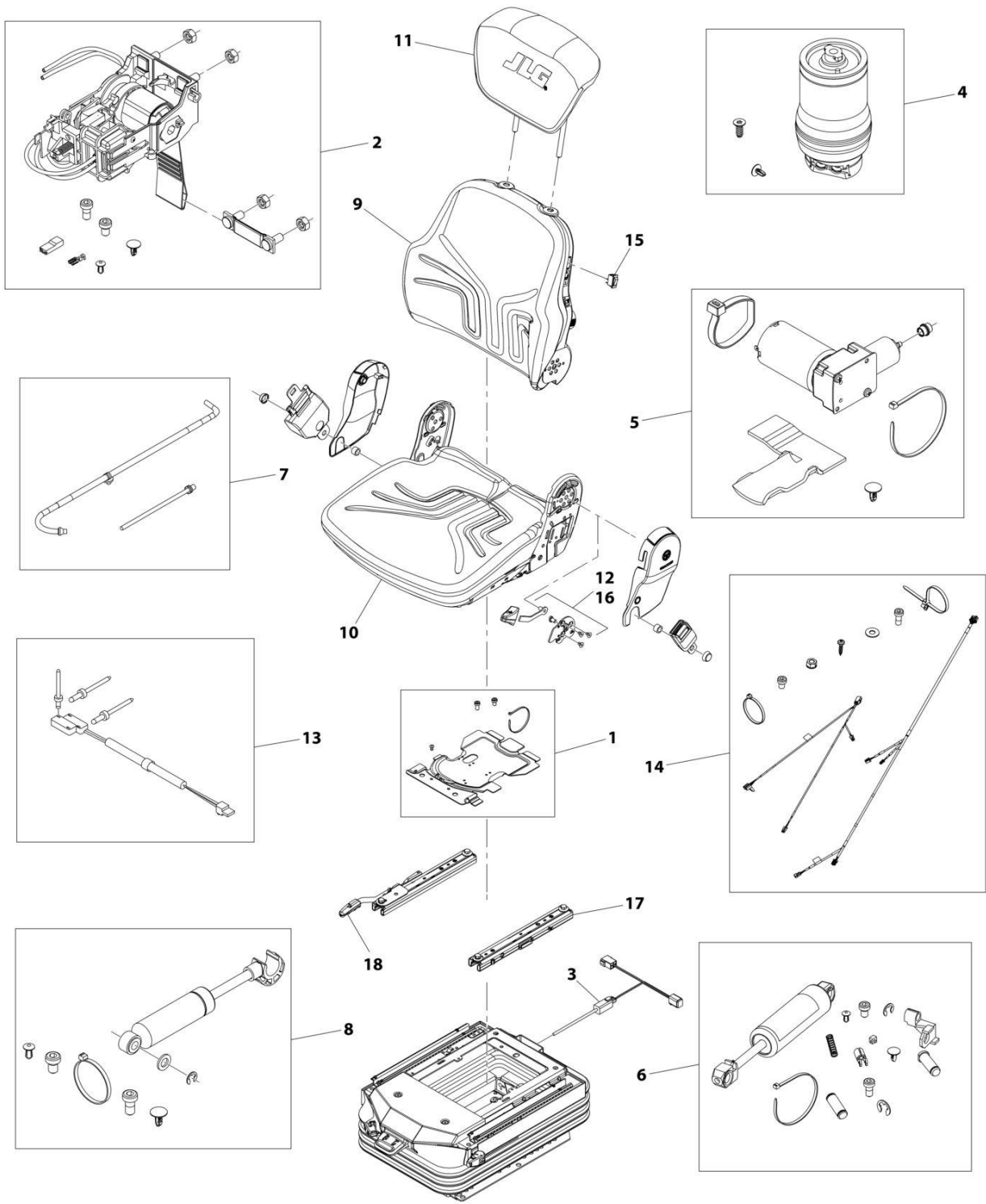
ART_1001205648-B

FIGURE 6-39. SEAT INSTALLATION (PREMIUM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205648	1	Installation, Seat (Premium)	B
1	0760810	8	Bolt, M8X20	
2	4811900	8	Washer, M8	
3	1001216974	1	Grommet	
4	1001168531	1	Harness, Seat Adaptor (See Separate Breakdown in this Section)	
5	1001169135	1	Assembly, Seat (See Separate Breakdown in this Section)	
6	1001182529	1	Headrest	
7	1001158736C	1	Plinth, Seat	

SECTION 6 - CAB

FIGURE 6-40. SEAT ASSEMBLY (AIR SUSPENSION - PREMIUM)



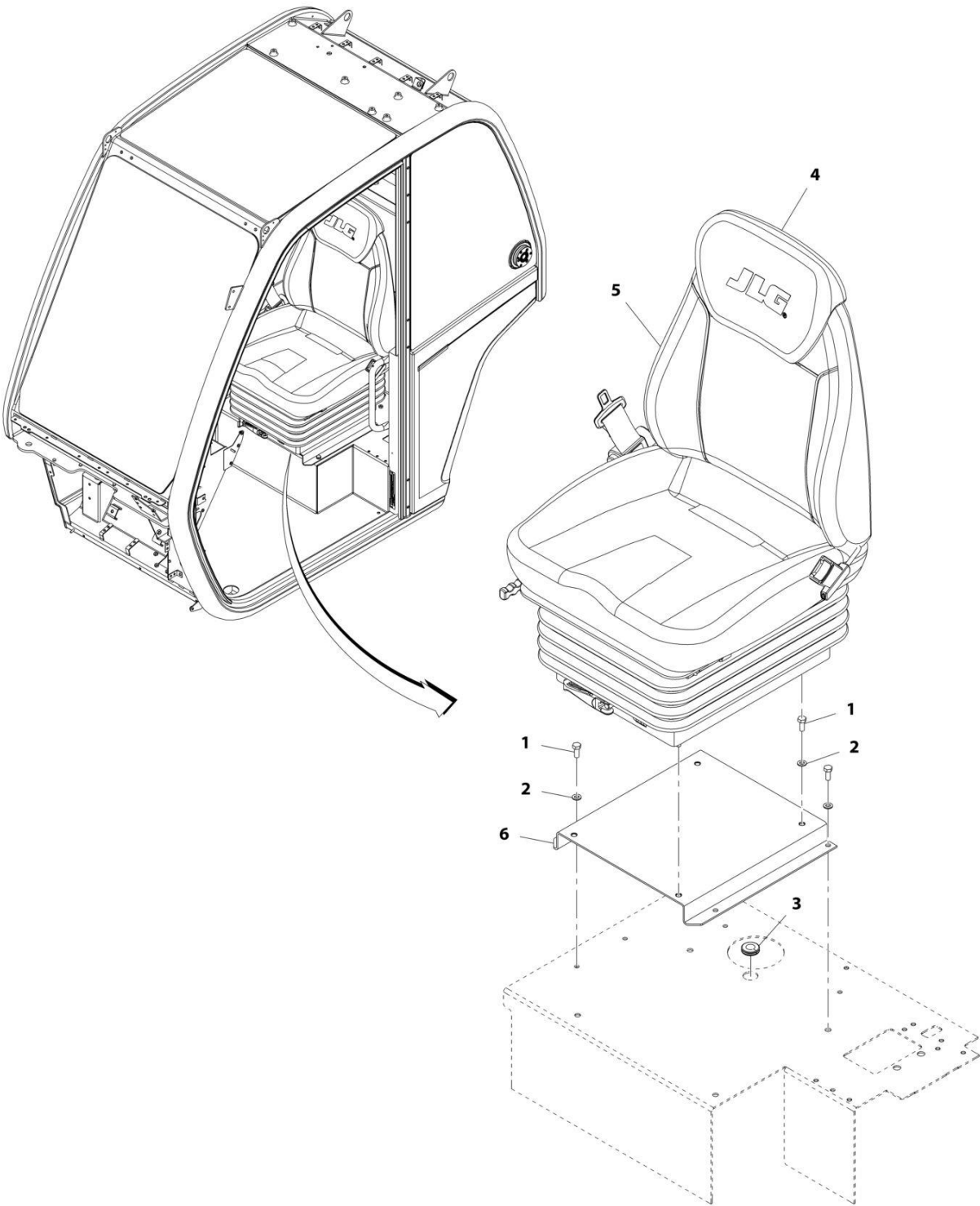
ART_1001169135-B

FIGURE 6-40. SEAT ASSEMBLY (AIR SUSPENSION - PREMIUM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169135	Ref	Seat Assembly (Air Suspension - Premium)	B
1	70024856	1	Cover	
2	70023182	1	Control Level Kit	
3	70023186	1	Wiring Harness, Air/Safeswitch	
4	70023184	1	Air Spring Kit	
5	70024857	1	Compressor, 12V	
6	70023181	1	Shock Absorber Kit	
7	70024459	1	Air Tubes Kit	
8	70023189	2	Shock Absorber Kit	
9	70023179	1	Back Cushion Kit	
10	70024858	1	Seat Cushion Kit	
11	1001182529	1	Headrest, Cloth	
12	70024859	1	Backrest Actuator	
13	70028326	1	Switch	
14	70024861	1	Wiring Harness	
15	70024107	1	Switch, Heater	
16	7028621	1	Handle, Backrest Angle Adjust	
17	3986643	1	Adjust Slide Kit	
18	3986610	1	Handle	

SECTION 6 - CAB

FIGURE 6-41. SEAT INSTALLATION (MECHANICAL)

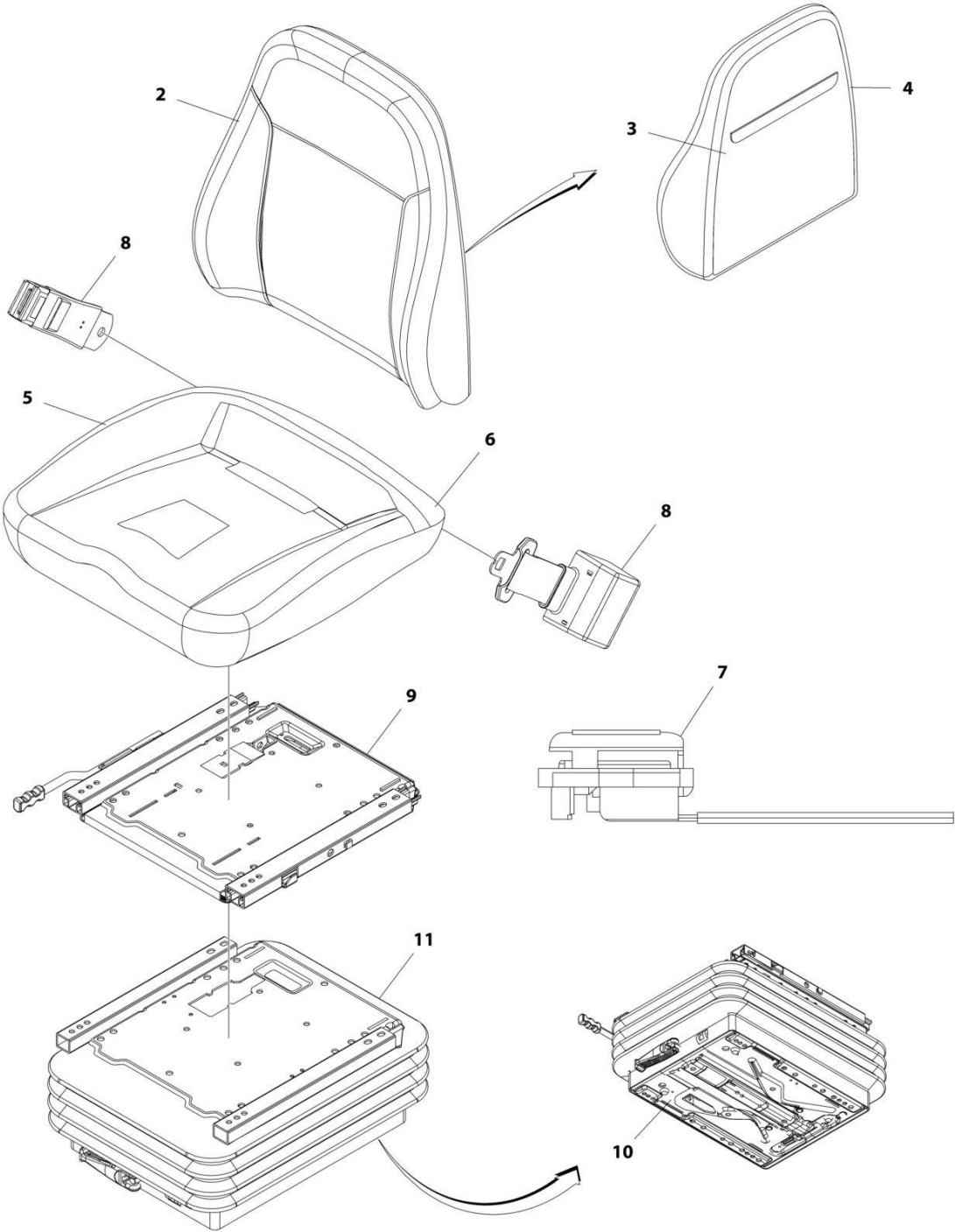


ART_1001205782-B

FIGURE 6-41. SEAT INSTALLATION (MECHANICAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205782	Ref	Seat Installation (Mechanical - JLG)	C
1	0760810	8	Bolt, M8X20	
2	4811900	8	Washer, M8	
3	1001216974	1	Grommet	
4	1001119467	1	Headrest, Cloth	
5	1001288070	1	Seat, Assembly (See Separate Breakdown in this Section)	
6	1001205514	1	Plinth, Seat	

FIGURE 6-42. SEAT ASSEMBLY



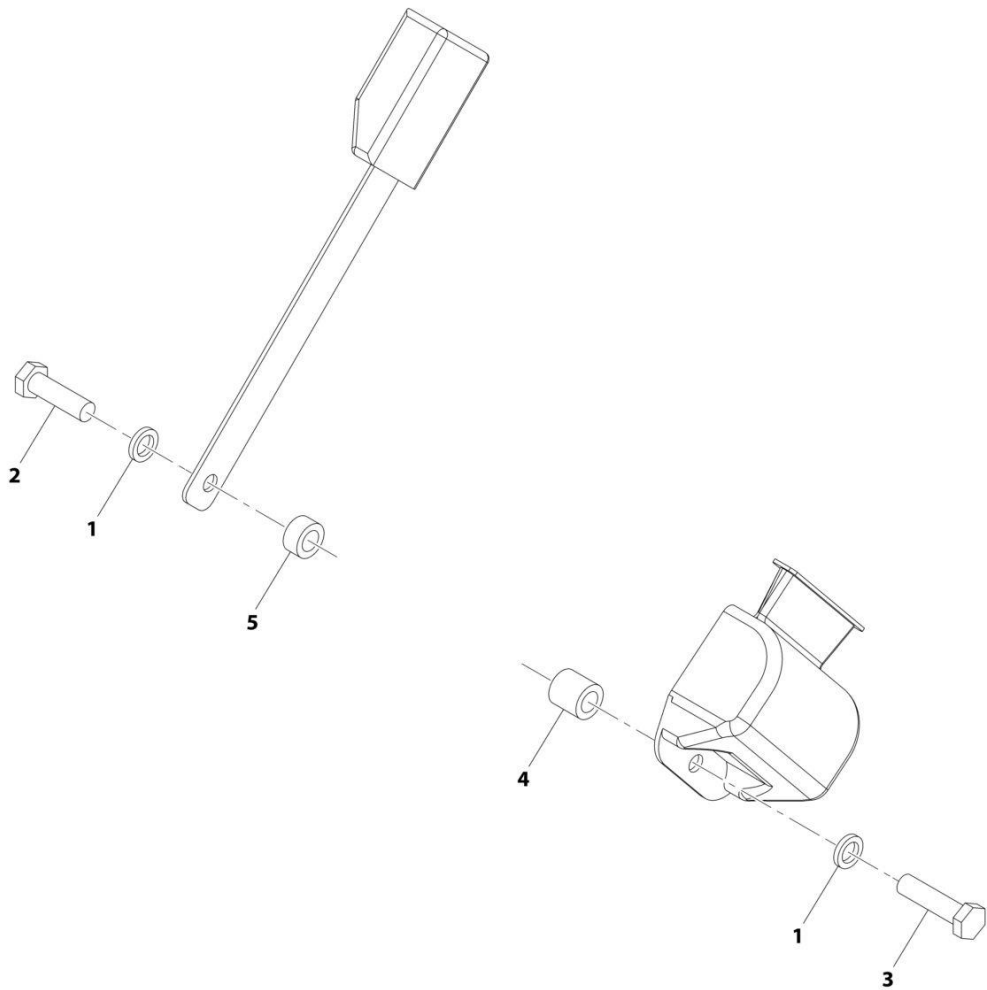
ART_1001150294

FIGURE 6-42. SEAT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150294	Ref	CLOTH SEAT	F
2	70025489	1	Fabric, Upper Seat	
3	70025490	1	Cover, Back	
4	70025483	1	Foam, Back	
5	70025491	1	Cover, Seat	
6	70025485	1	Foam, Seat	
7	70025486	1	Switch, Contact	
8	7029767	1	Belt, Seat	
9	70021252	1	Rail, Slide	
10	70021251	1	Unit, Suspension	
11	70022034	1	Cover, Rubber	

SECTION 6 - CAB

FIGURE 6-43. SEAT BELT INSTALLATION (2IN)



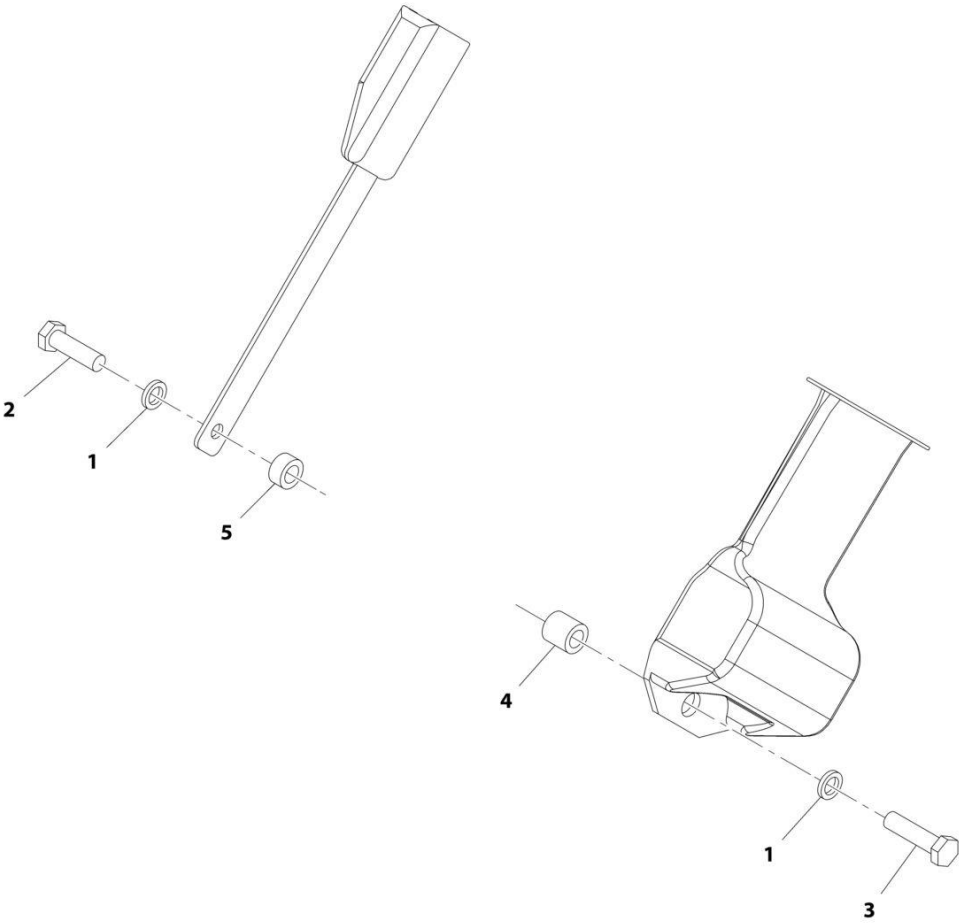
ART_1001006730

FIGURE 6-43. SEAT BELT INSTALLATION (2IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001006730	Ref	Seat Belt Installation (2IN)	H
1	1001010646	2	Washer	
2	1001010647	1	Bolt	
3	1001010648	1	Bolt	
4	1001010649	1	Spacer, Shim	
5	1001010650	1	Spacer, Shim	

SECTION 6 - CAB

FIGURE 6-44. SEAT BELT INSTALLATION (3IN)



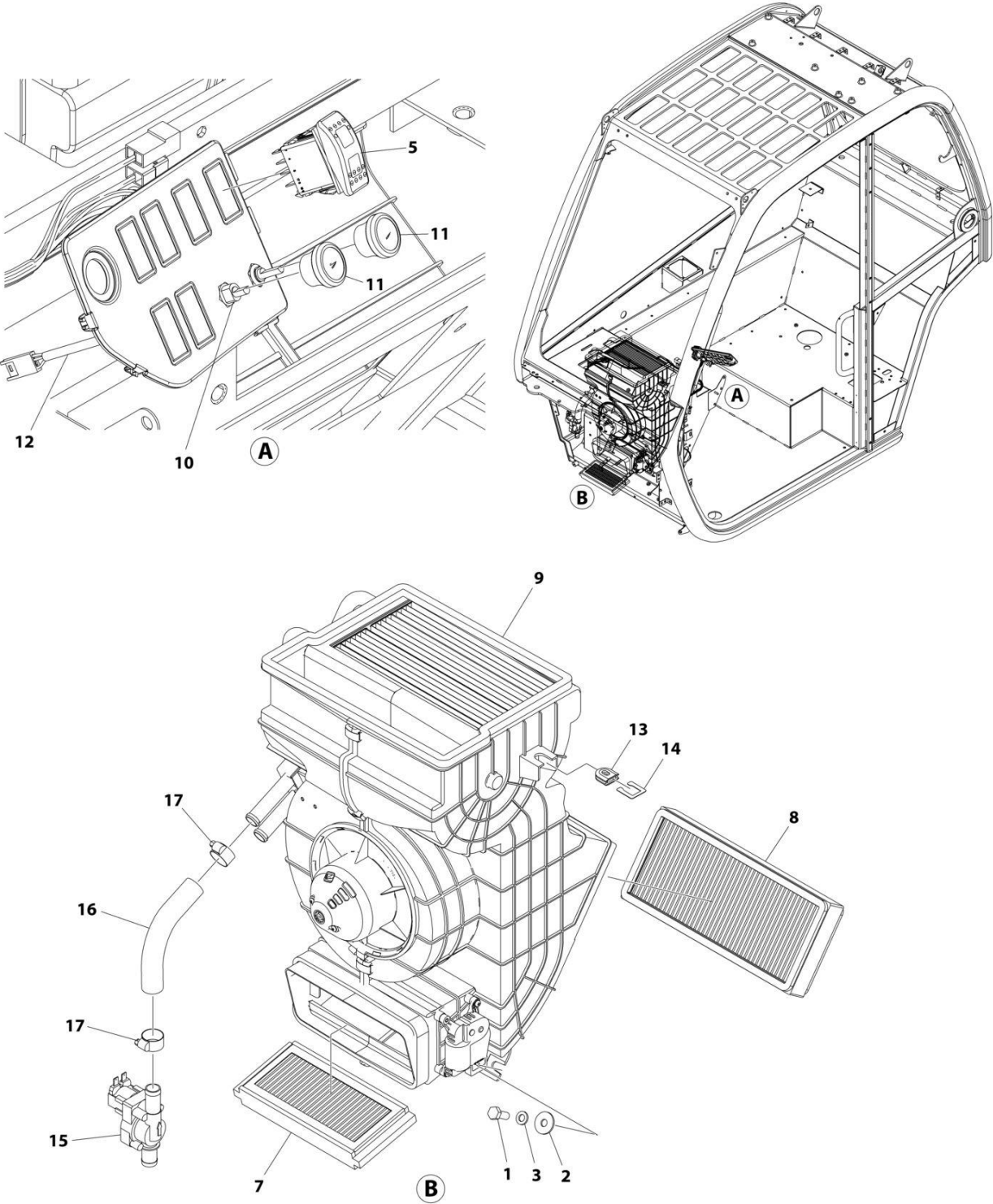
ART_1001006731-B

FIGURE 6-44. SEAT BELT INSTALLATION (3IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001006731	Ref	Seat Belt Installation (3IN)	B
1	1001010646	2	Washer	
2	1001010647	1	Bolt	
3	1001010648	1	Bolt	
4	1001010649	1	Spacer	
5	1001010650	1	Spacer	

SECTION 6 - CAB

FIGURE 6-45. HEATER INSTALLATION

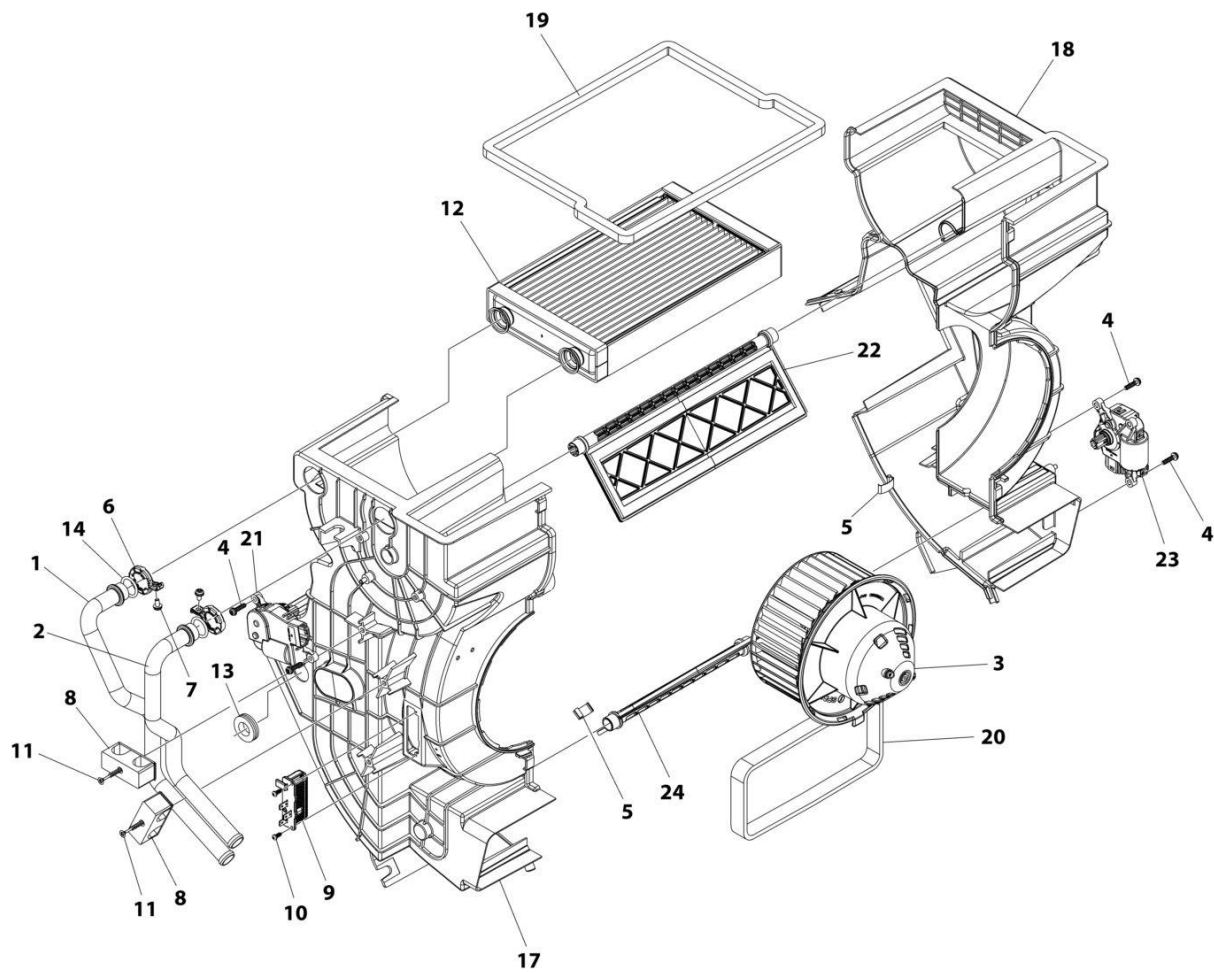


ART_1001201336_G

FIGURE 6-45. HEATER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201336	Ref	HEATER INSTALLATION	G
1	0760810	2	Bolt M8 x 20	
2	4811902	2	Washer M8	
3	4831900	2	Washer M8	
5	1001159925	1	Switch, HVAC Recycle	
7	1001218996	1	Filter, HVAC Air	
8	1001172553	1	Filter, HVAC Recirculation Air	
9	1001268828	1	Assembly, Heater (See Separate Breakdown in this Section)	
10	1001172547	1	Switch	
11	1001172550	2	Knob, HVAC	
12	1001270976	1	Control, HVAC	
13	1001188590	2	Grommet	
14	1001218542	2	Shim	
15	1001221059	1	Valve, HVAC	
16	1001221295	1	Hose	
17	8410009	2	Clamp	

FIGURE 6-46. HEATER ASSEMBLY



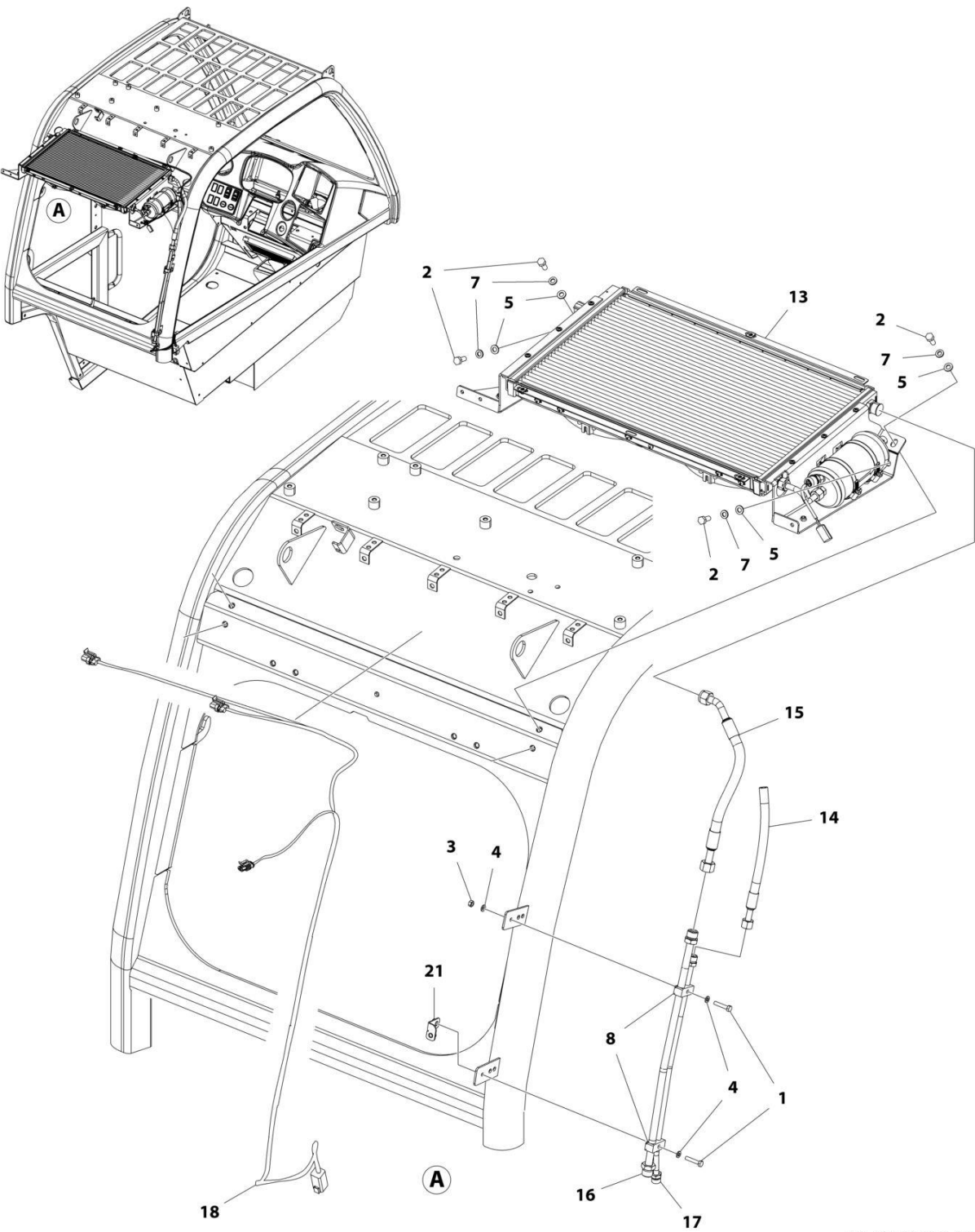
ART_1001268828

FIGURE 6-46. HEATER ASSEMBLY

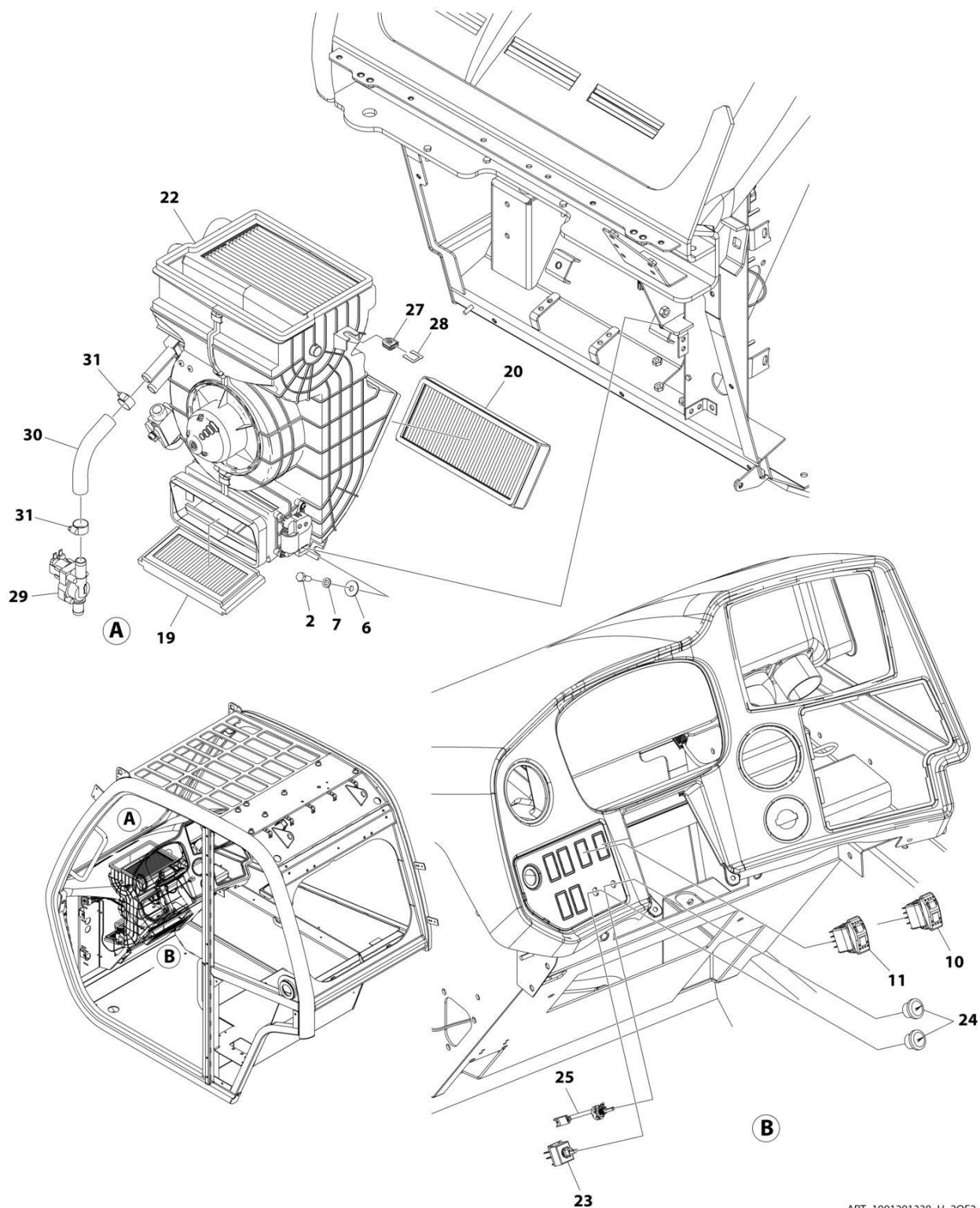
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268828	Ref	HEATER	B
1	1001184296	1	Pipe, Water	
2	1001184297	1	Pipe, Water	
3	1001188594	1	Fan, 12V	
4	1001188602	4	Screw	
5	1001188603	9	Clamp	
6	1001188604	2	Clamp	
7	1001188610	2	Screw	
8	1001188612	2	Clamp	
9	1001188614	1	Resistor	
10	1001188720	2	Screw	
11	1001188725	2	Screw	
12	1001188729	1	Radiator, Heater Core	
13	1001188733	1	Grommet	
14	1001189025	2	O-Ring	
17	1001269555	1	Housing, RH	
18	1001269556	1	Housing, LH	
19	1001269558	1	Foam, Air Outlet	
20	1001269559	1	Foam, Air Inlet	
21	1001269560	1	Actuator, Fresh/Recirculation Air	
22	1001269561	1	Flap, Mixing	
23	1001269563	1	Actuator, Fresh/Recirculation Air	
24	1001269564	1	Flap, HVAC Fresh	

SECTION 6 - CAB

FIGURE 6-47. HEATER AND A/C INSTALLATION



ART_1001201338_H_1OF2



ART_1001201338_H_2OF2

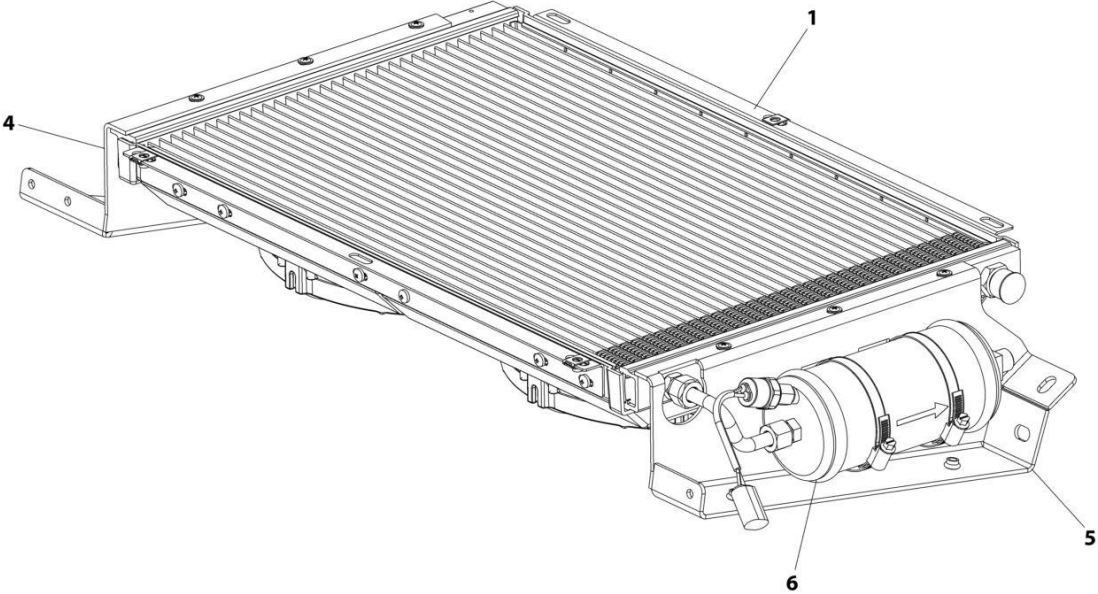
SECTION 6 - CAB

FIGURE 6-47. HEATER AND A/C INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201338	Ref	HEATER AND A/C INSTALLATION	H
1	0700614	2	Bolt M6 x 30	
2	0760810	6	Bolt M8 x 20	
3	3290601	1	Nut M6 x 1	
4	4811700	3	Washer M6	
5	4811900	4	Washer M8	
6	4811902	2	Washer M8	
7	4831900	6	Washer M8	
8	1001145539	2	Support, Pipe	
10	1001159925	1	Switch, HVAC Recycle	
11	1001160326	1	Switch, HVAC On/Off	
13	1001162953	1	Assembly, Cab Condenser (See Separate Breakdown in this Section)	
14	1001168327	1	Hose	
15	1001168330	1	Hose	
16	1001168331	1	Tube	
17	1001168456	1	Tube	
18	1001169151	1	Harness, A/C Option (See Separate Breakdown in ELECTRICAL Section)	
19	1001218996	1	Filter, HVAC Fresh Air	
20	1001172553	1	Filter, HVAC Air Recirculation	
21	1001178170	1	Bracket	
22	1001268832	1	Assembly, Heater and A/C (See Separate Breakdown in this Section)	
23	1001172547	1	Switch, HVAC Rotary 3 Speed	
24	1001172550	2	Knob, HVAC Control	
25	1001270976	1	Cable, HVAC	
27	1001188590	2	Grommet	
28	1001218542	2	Shim	
29	1001221059	1	Valve, HVAC	
30	1001221259	1	Hose	
31	8410009	2	Clamp	

SECTION 6 - CAB

FIGURE 6-48. CAB CONDENSER ASSEMBLY

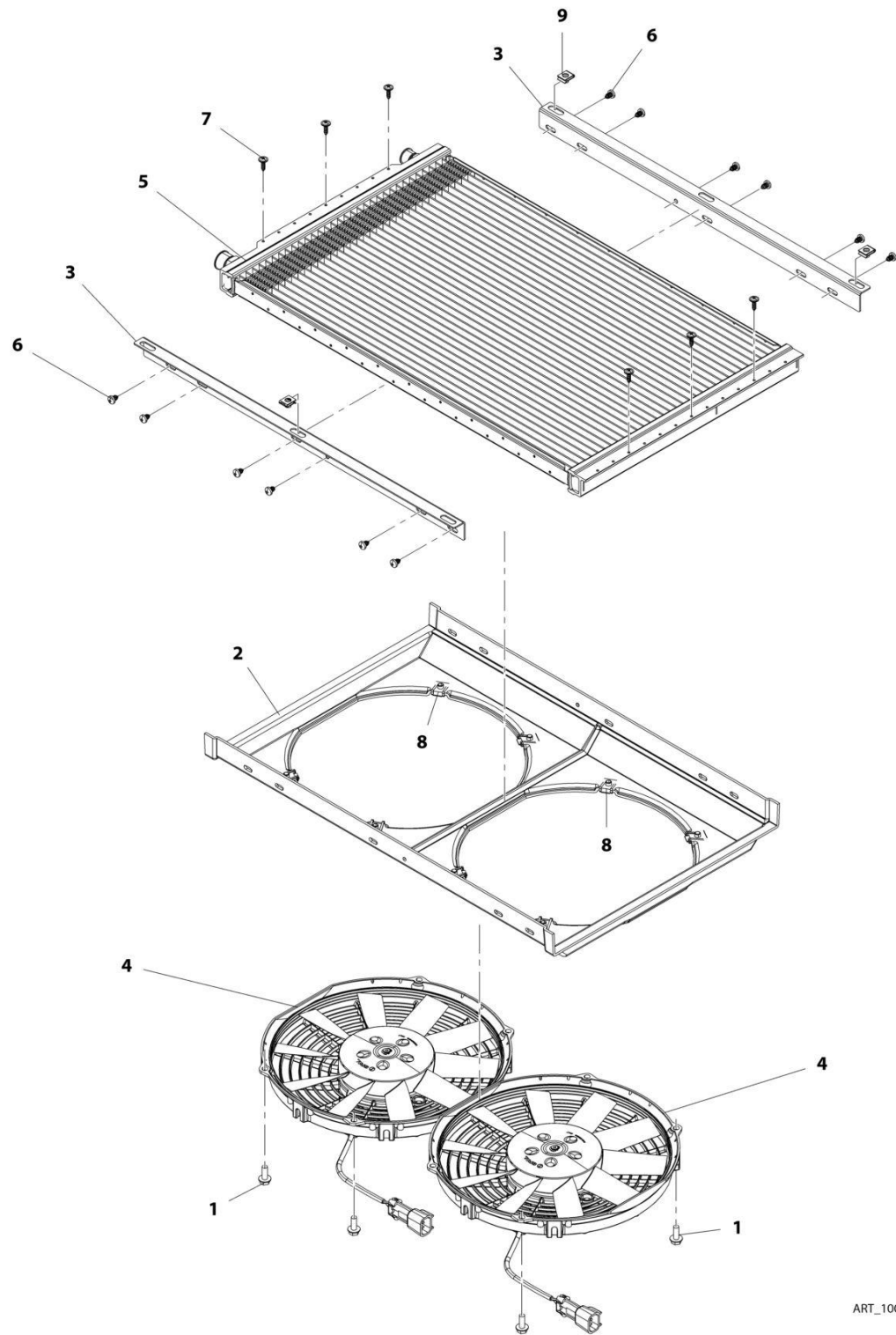


ART_1001162953

FIGURE 6-48. CAB CONDENSER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162953	Ref	Cab Condenser Assembly	G
1	1001167266	1	Condenser (See Separate Breakdown in this Section)	
4	1001179080	1	Bracket	
5	1001179081	1	Bracket	
6	1001179130	1	Drier, A/C Receiver (See Separate Breakdown in this Section)	

FIGURE 6-49. CONDENSER

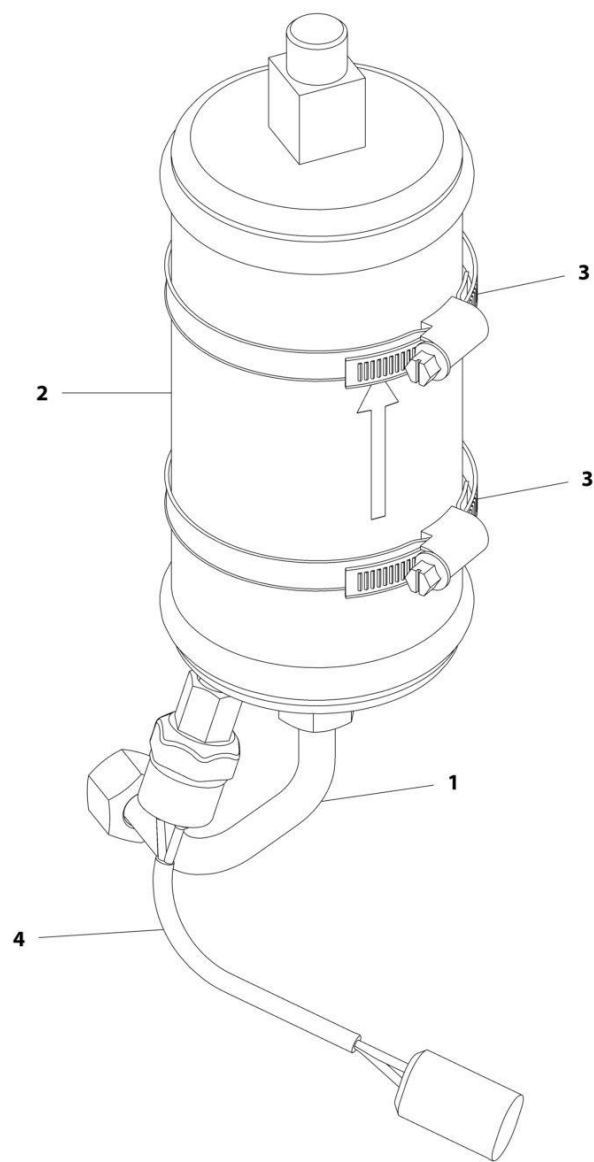


ART_1001167266-C

FIGURE 6-49. CONDENSER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167266	Ref	Condenser	C
1	5250608	8	Bolt, M6X16	
2	1001195342	1	Bracket, Condenser Fan Mount	
3	1001195343	2	Support, Condenser	
4	1001195345	2	Fan, Condenser	
5	1001195346	1	Condenser	
6	1001195385	12	Screw, M3.9X9.5	
7	1001195386	6	Screw, M4.2X16	
8	1001195437	8	Clip, M6X1	
9	1001195438	3	Clip, M6X1	

FIGURE 6-50. A/C RECEIVER DRIER



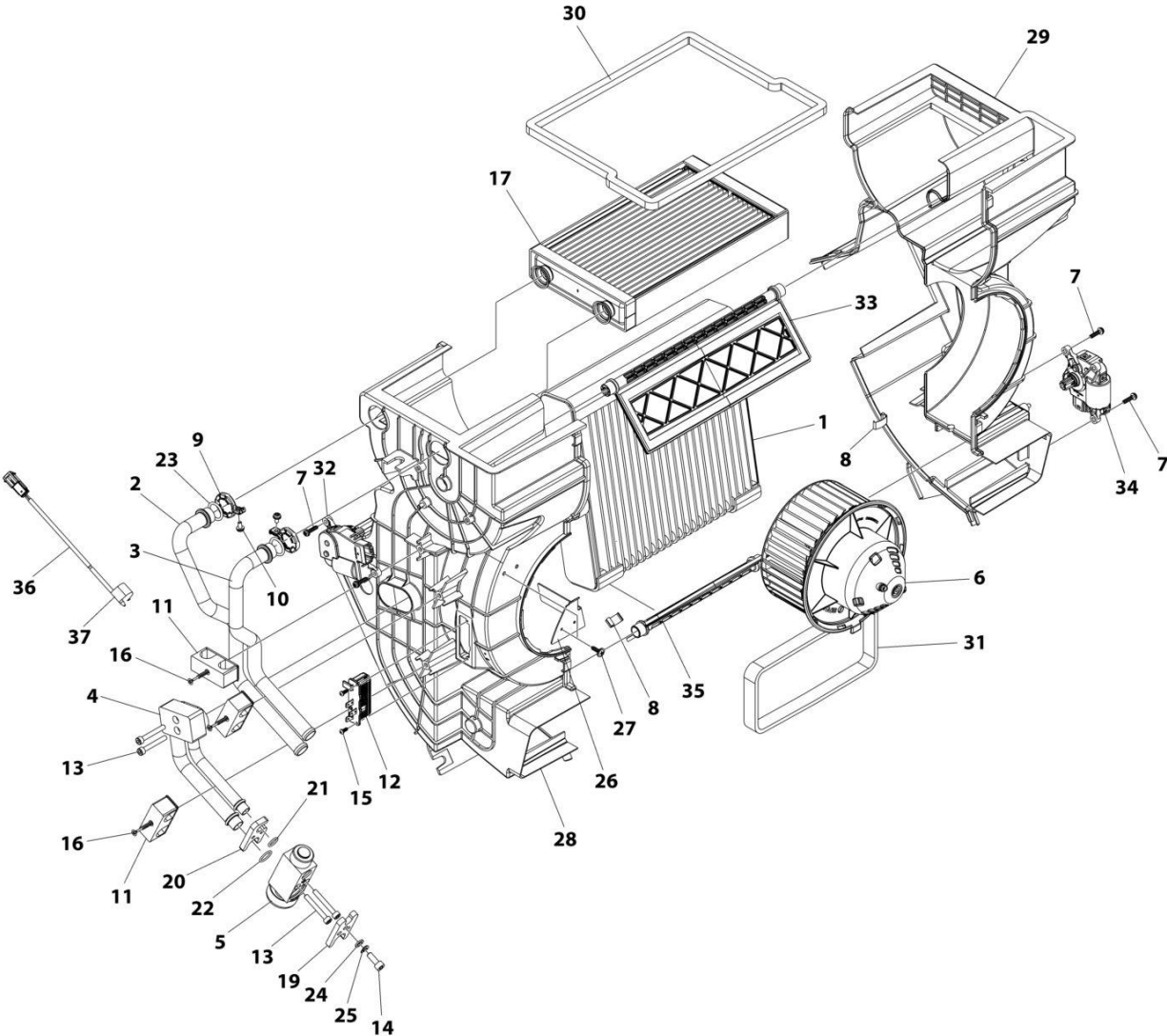
ART_1001179130-B

FIGURE 6-50. A/C RECEIVER DRIER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179130	Ref	A/C Receiver Drier	B
1	1001184403	1	Tube, Heater	
2	1001184404	1	Receiver, Heater Drier	
3	1001184405	2	Clamp	
4	1001184406	1	Connector, Heater	

SECTION 6 - CAB

FIGURE 6-51. HEATER AND A/C ASSEMBLY

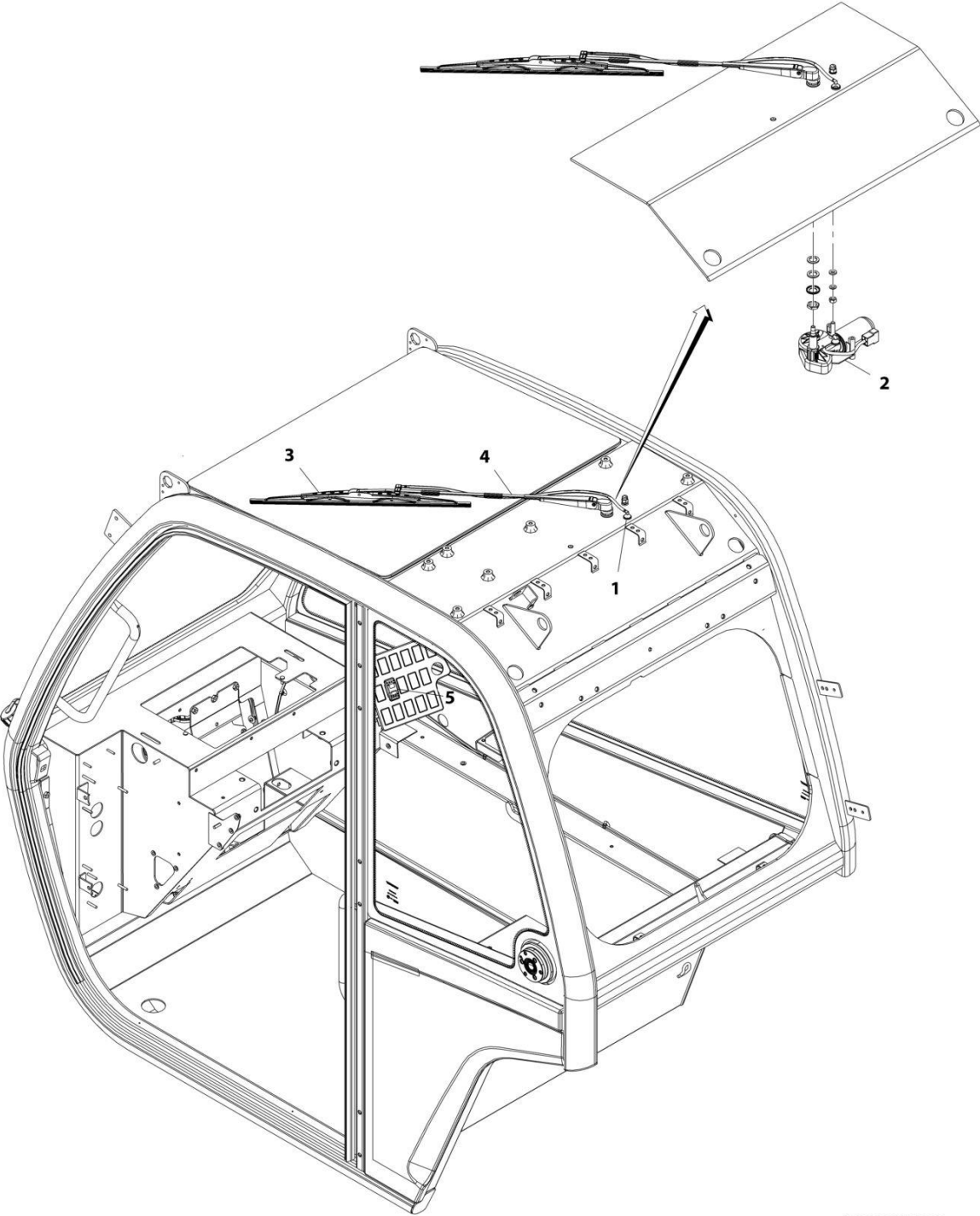


ART_1001268832

FIGURE 6-51. HEATER AND A/C ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268832	Ref	HEATER AND A/C	B
1	1001184280	1	Evaporator, Heater	
2	1001184296	1	Pipe, Heater Water	
3	1001184297	1	Pipe, Heater Water	
4	1001184427	1	Pipe, Heater	
5	1001188592	1	Valve, HVAC Expansion	
6	1001188594	1	Fan, HVAC Centrifugal 12V	
7	1001188602	4	Screw M4	
8	1001188603	9	Clamp, HVAC Case	
9	1001188604	2	Clamp, HVAC Pipe	
10	1001188610	2	Screw M4	
11	1001188612	3	Clamp, Pipe	
12	1001188614	1	Resistor	
13	1001188618	4	Screw M5	
14	1001188619	1	Screw M6	
15	1001188720	2	Screw M2.9 x 9.5	
16	1001188725	3	Screw M4 x 35	
17	1001188729	1	Radiator, Heater Core	
19	1001188817	1	Clamp, Hose	
20	1001188818	1	Clamp, HVAC EVAP/Valve	
21	1001189023	1	O-Ring	
22	1001189024	1	O-Ring	
23	1001189025	2	O-Ring	
24	1001189048	1	Washer	
25	1001189054	1	Washer, Spring	
26	1001221057	1	Plate	
27	1001221058	2	Screw	
28	1001269555	1	Housing, HVAC RH	
29	1001269556	1	Housing, HVAC LH	
30	1001269558	1	Seal, Heater Outlet Foam	
31	1001269559	1	Seal, Air Inlet Foam	
32	1001269560	1	Actuator, Hot/Cold Mixing	
33	1001269561	1	Foam, Heater Mixing Flap	
34	1001269563	1	Actuator, Fresh/Recirculation Air	
35	1001269564	1	Foam, Heater Mixing Flap	
36	1001269578	1	Temperature Sensor	
37	1001269579	1	Clamp, Temperature Sensor	

FIGURE 6-52. ROOF WIPER INSTALLATION



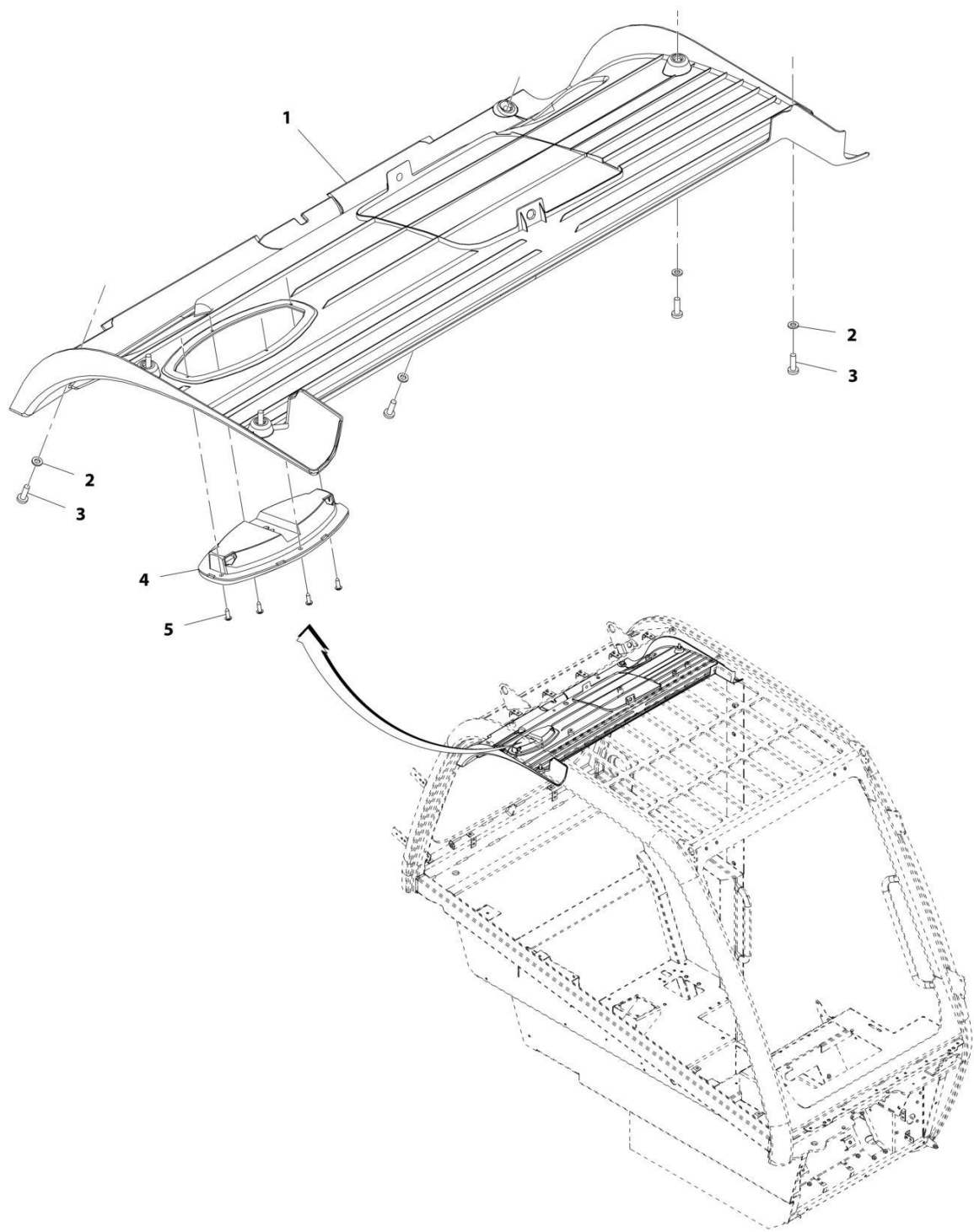
ART_1001155486-B

FIGURE 6-52. ROOF WIPER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155486	Ref	Roof Wiper Installation	B
1	1001090343	1	Connector	
2	1001139551	1	Motor, Roof Wiper	
3	1001141313	1	Blade, Roof Wiper	
4	1001141311	1	Arm, Roof Wiper Blade	
5	1001159736	1	Switch, Roof Wiper	

SECTION 6 - CAB

FIGURE 6-53. HEADLINER INSTALLATION



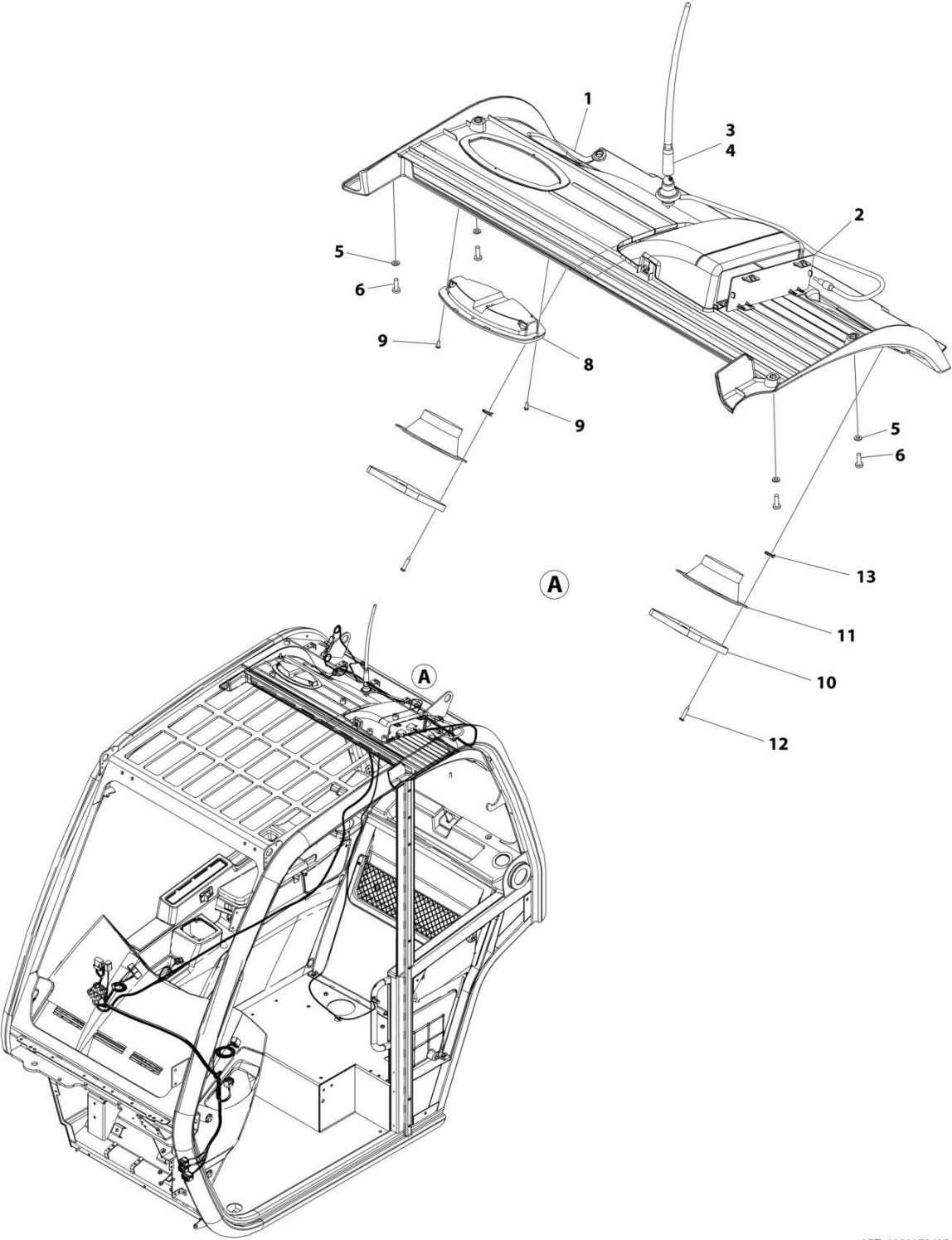
ART_1001170718-C

FIGURE 6-53. HEADLINER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170718	Ref	Headliner Installation	D
1	1001170716	1	Panel, Headliner	
2	4811700	6	Washer, M6	
3	4031708001	6	Capscrew M6 x 20	
4	1001167015	1	Lamp, Dome	
5	7029486	4	Screw	

SECTION 6 - CAB

FIGURE 6-54. HEADLINER/ RADIO READY INSTALLATION



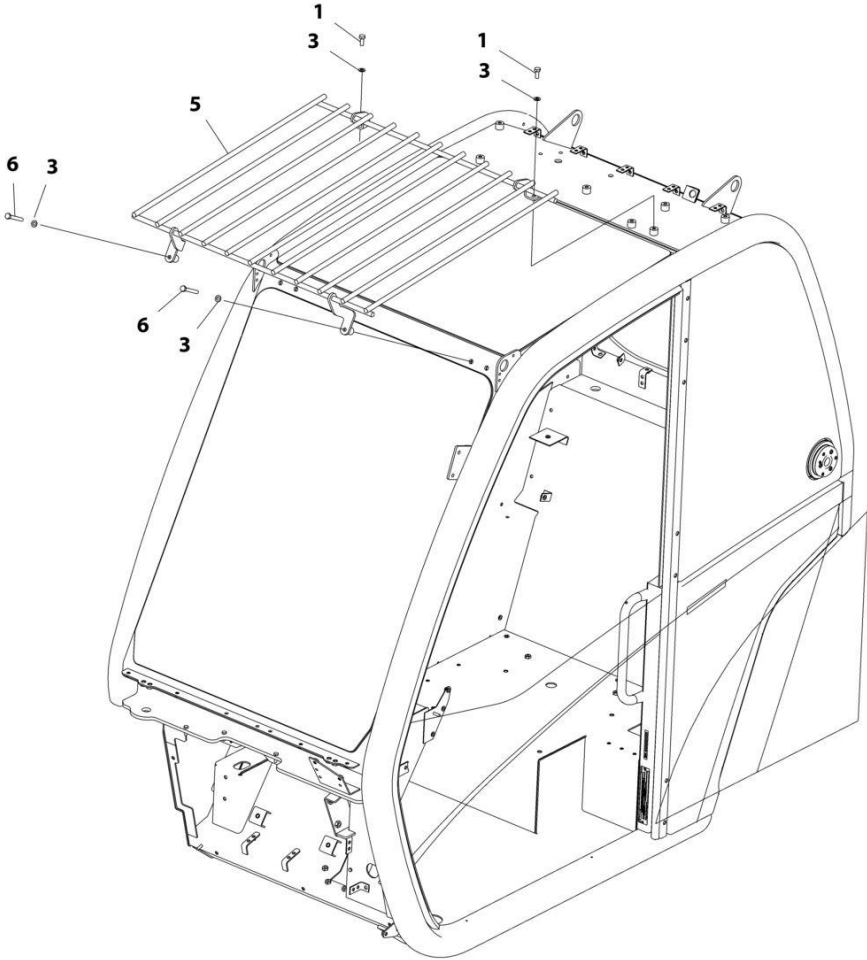
ART_1001173425

FIGURE 6-54. HEADLINER/ RADIO READY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173425	Ref	HEADLINER/ RADIO READY INSTALLATION	F
1	1001243343	1	Cover, Headliner	
2	1001200968	1	Plate	
3	8005901	1	Antenna	
4	1001116128	AR	Sealant, Polysiloxane	
5	4811700	6	Washer, 6M	
6	4031708001	6	Screw, M6 x 20	
8	1001167015	1	Lamp	
9	7029486	4	Screw	
10	1671326	2	Cover, Speaker	
11	1001146901	1	Radio, Speaker	
12	1001111147	8	Screw, Spire	
13	1001258342	8	Nut, Spire	

SECTION 6 - CAB

FIGURE 6-55. CAB GUARD INSTALLATION (TOP)



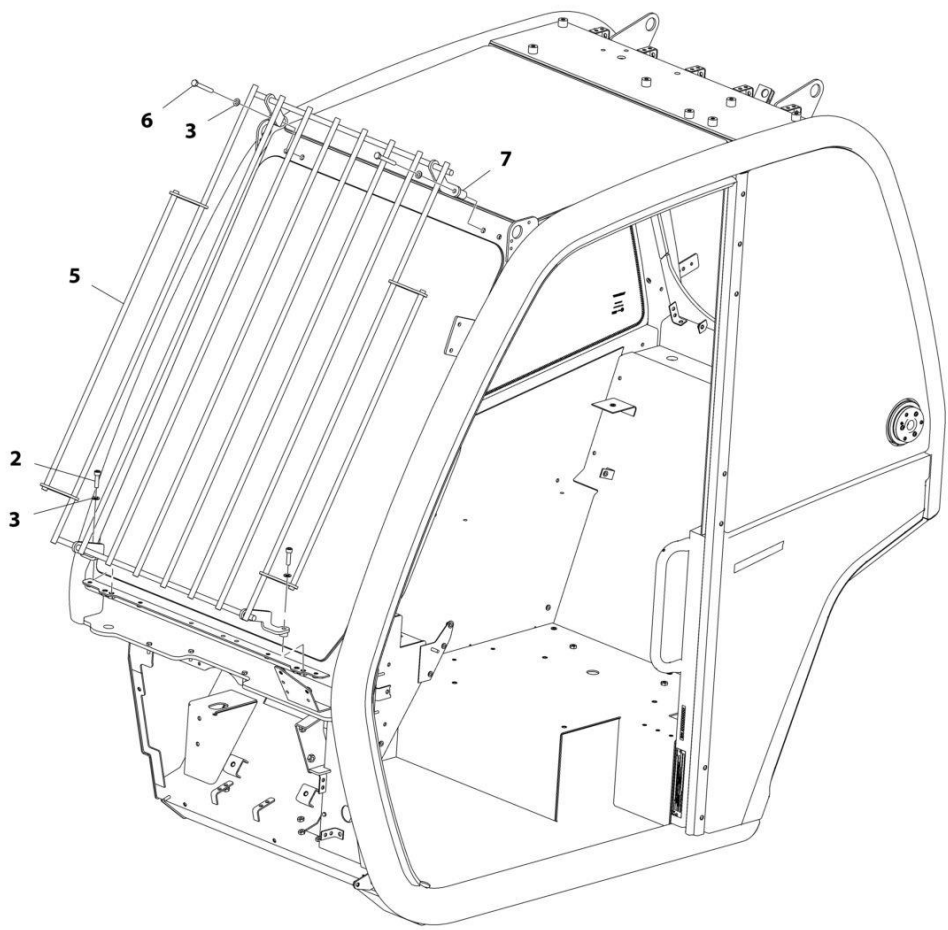
ART_1001160496

FIGURE 6-55. CAB GUARD INSTALLATION (TOP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160496	Ref	Cab Guard Installation (Top)	G
1	0760810	2	Bolt, M8X20	
3	4811900	4	Washer, M8	
5	1001160503	1	Guard, Top Screen	
6	0700820	2	Bolt, M8X60	

SECTION 6 - CAB

FIGURE 6-56. CAB GUARD INSTALLATION (FRONT)



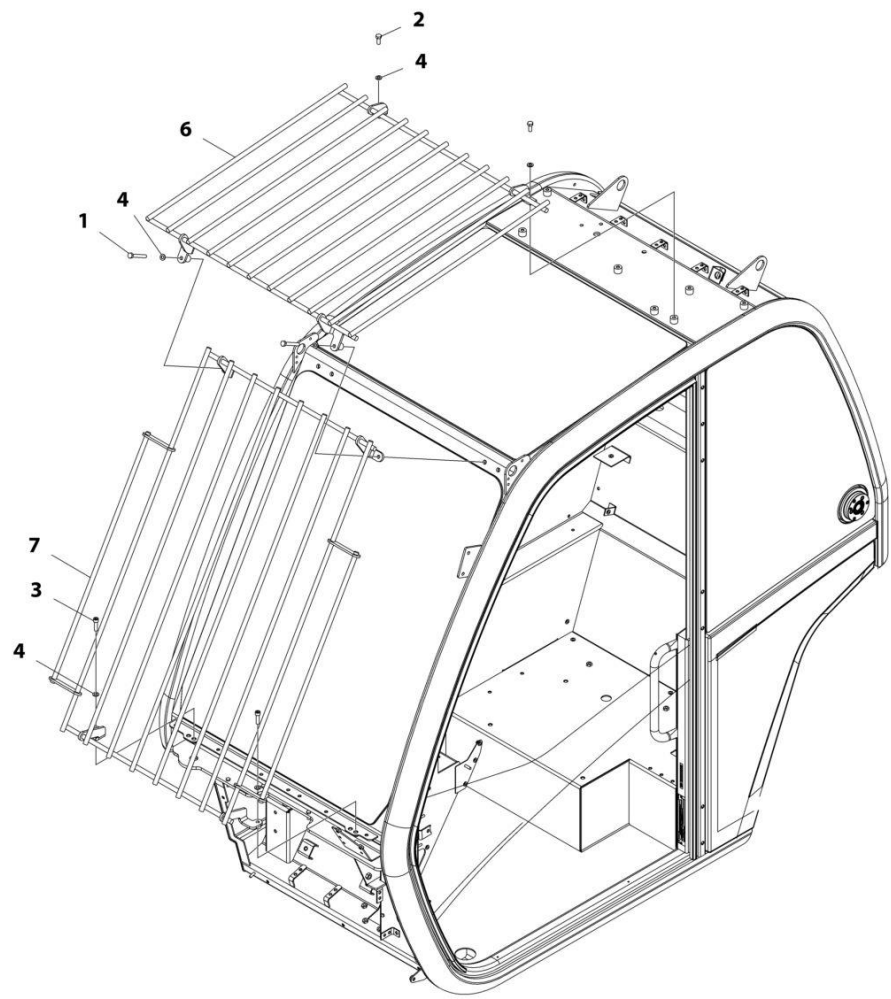
ART_1001160506-G

FIGURE 6-56. CAB GUARD INSTALLATION (FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160506	Ref	Cab Guard Installation (Front)	G
2	4031910	2	Bolt, M8X30	
3	4811900	4	Washer, M8	
5	1001180263	1	Guard, Front Screen	
6	0700820	2	Bolt, M8X60	
7	1001173257	2	Spacer	

SECTION 6 - CAB

FIGURE 6-57. CAB GUARD INSTALLATION (TOP AND FRONT)



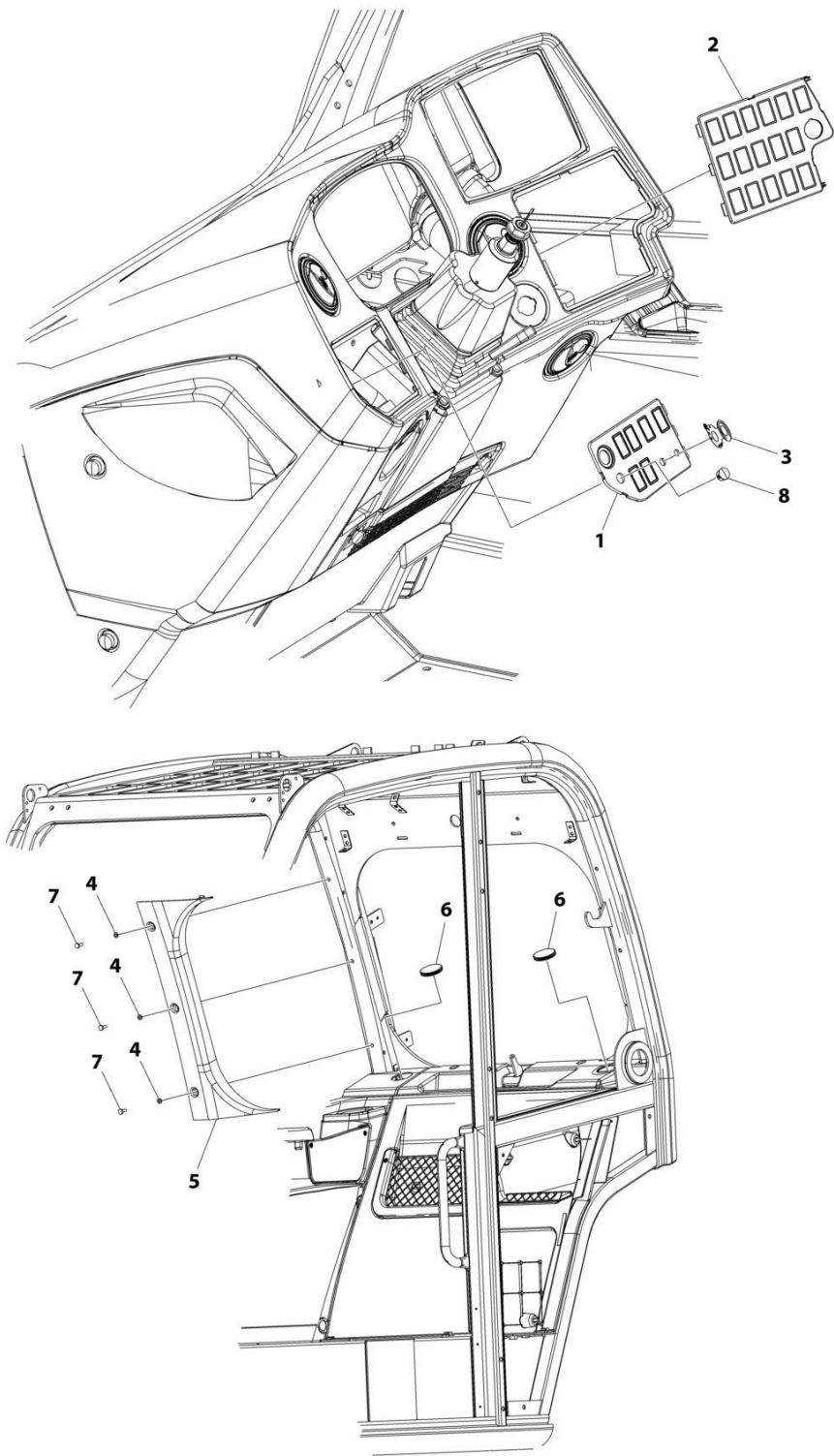
ART_1001172774

FIGURE 6-57. CAB GUARD INSTALLATION (TOP AND FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172774	Ref	CAB GUARD INSTALLATION (TOP AND FRONT)	G
1	0700820	2	Bolt M8 x 60	
2	0760810	2	Bolt M8 x 20	
3	4031910	2	Bolt M8 x 30	
4	4811900	6	Washer M8	
6	1001160503	1	Guard, Top Screen	
7	1001180263	1	Guard, Front Screen	

SECTION 6 - CAB

FIGURE 6-58. COMMON CAB TRIM INSTALLATION



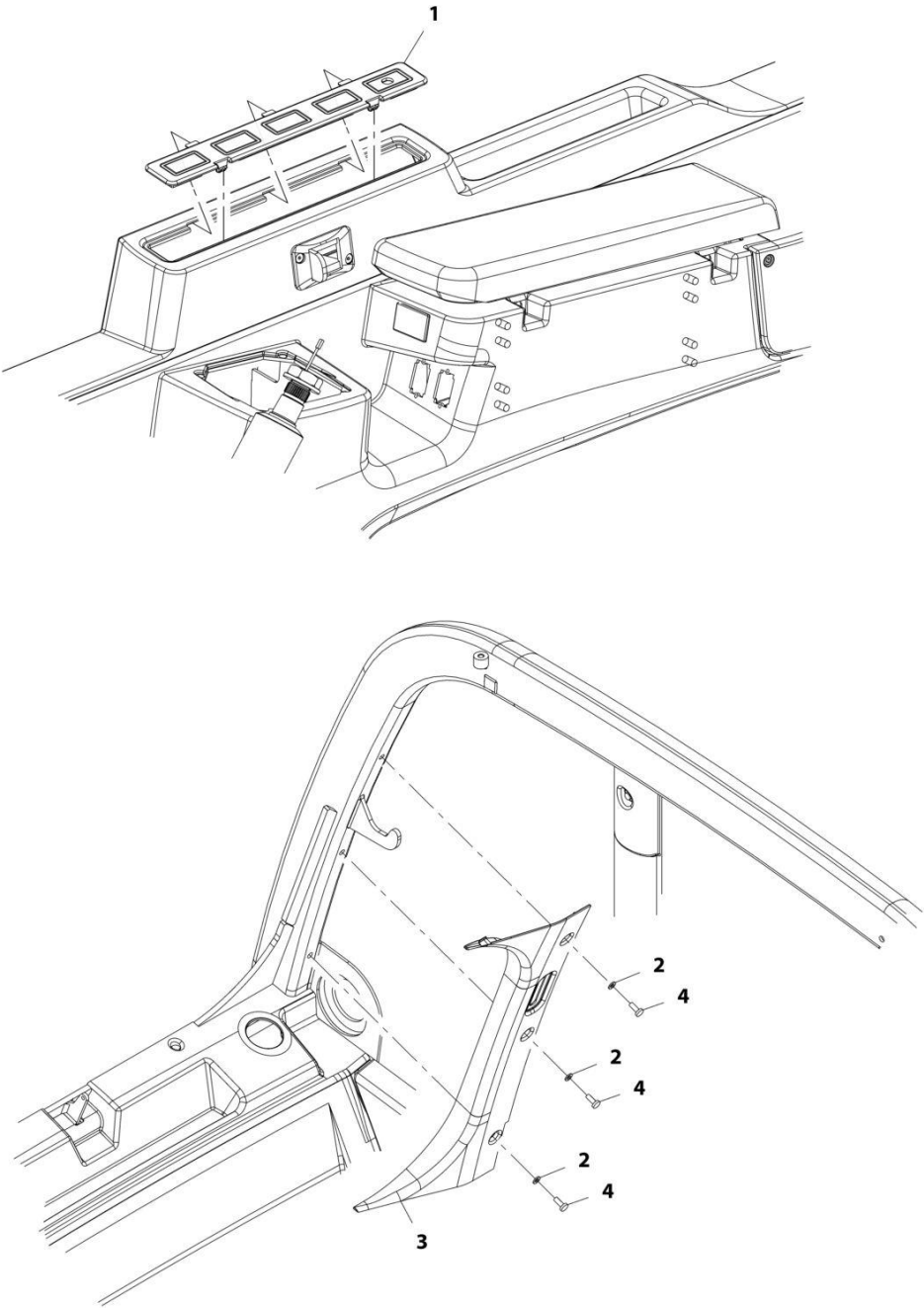
ART_1001200694_E

FIGURE 6-58. COMMON CAB TRIM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200694	Ref	COMMON CAB TRIM INSTALLATION	E
1	1001268846	1	Panel, LH Switch	
2	1001219865	1	Panel, RH Switch	
3	1001184975	1	Decal, HVAC	
4	4811700001	3	Washer M6	
5	1001161253	1	Panel, Cover	
6	1001223265	2	Grommet	
7	4010608002	3	Screw M6 x 16	
8	1001207963	1	Plug	

SECTION 6 - CAB

FIGURE 6-59. CAB TRIM INSTALLATION



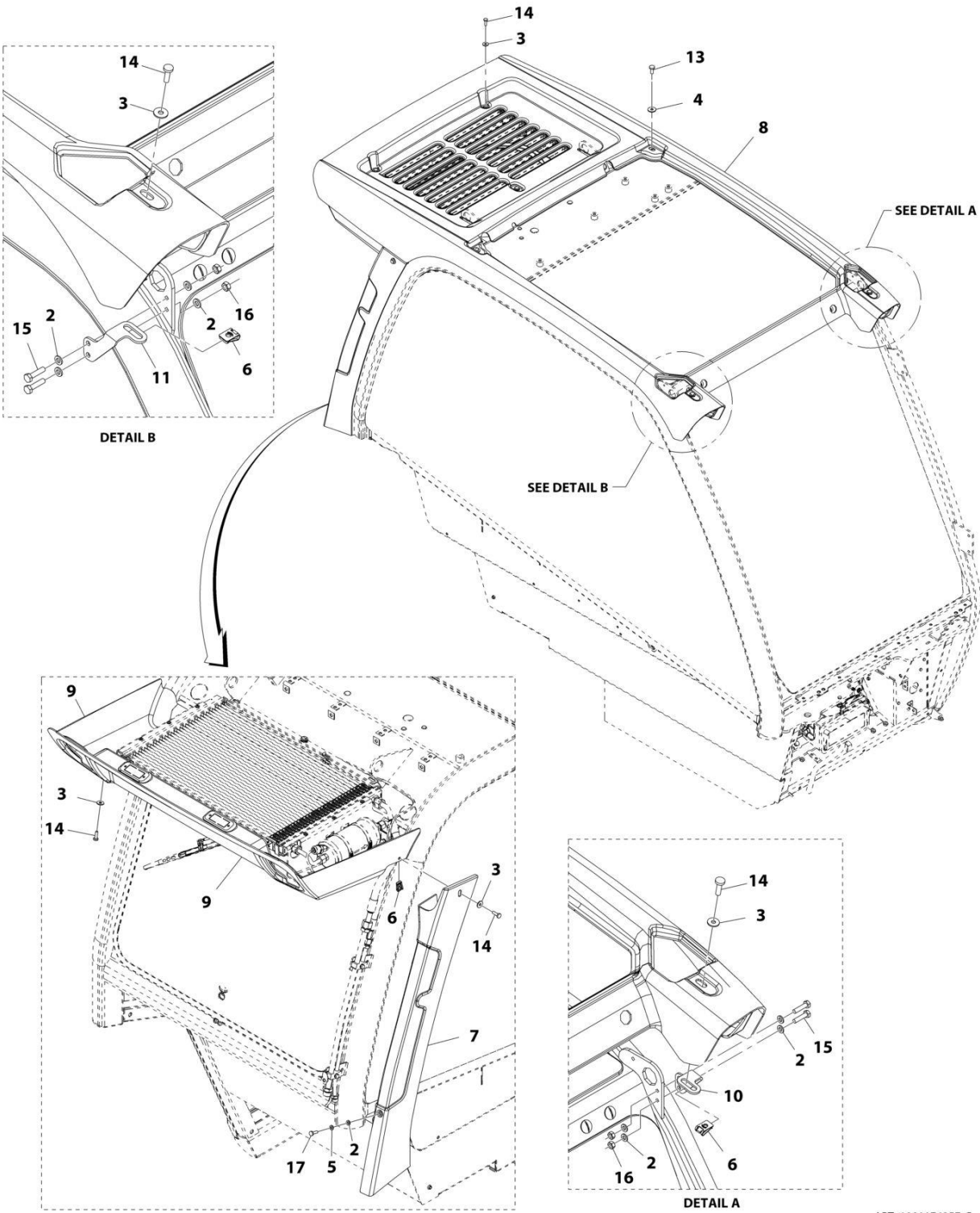
ART_1001201207-B

FIGURE 6-59. CAB TRIM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201207	Ref	Cab Trim Installation	B
1	1001177464	1	Plate, Switch	
2	4811700	1	Washer, M6	
3	1001161252	1	Panel, Cover	
4	4010608002	3	Screw, M6X16	

SECTION 6 - CAB

FIGURE 6-60. ROOF CAP INSTALLATION (A/C)



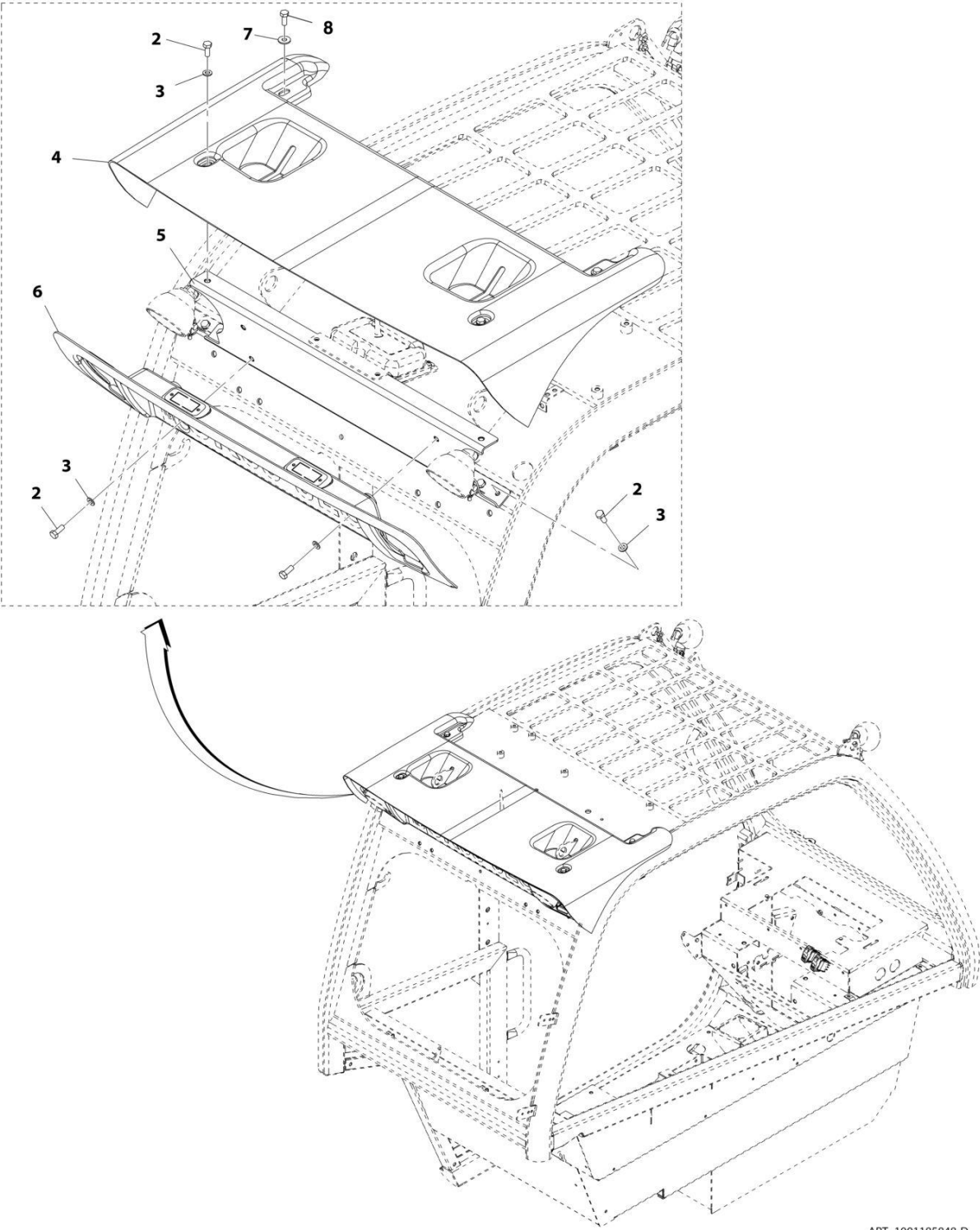
ART_1001176257-G

FIGURE 6-60. ROOF CAP INSTALLATION (A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176257	Ref	Roof Cap Installation (A/C)	G
2	4811700	9	Washer, M6	
3	4811702	10	Washer, M6	
4	4811902	2	Washer, M8	
5	4831700	1	Washer, Lock M6	
6	8305919	3	Nut, M6	
7	1001174741	1	Cover	
8	1001176140	1	Cover	
9	1001176318	1	Cover	
10	1001174800	1	Bracket	
11	1001174801	1	Bracket	
13	0760608	2	Bolt, M6X16	
14	4010610002	10	Screw, Posi-Drive M6X20	
15	0700612	4	Bolt, M6X25	
16	3290601	4	Nut, M6X1	
17	4010608002	1	Screw, Posi-Drive, M6X16	

SECTION 6 - CAB

FIGURE 6-61. ROOF CAP INSTALLATION (NO A/C)



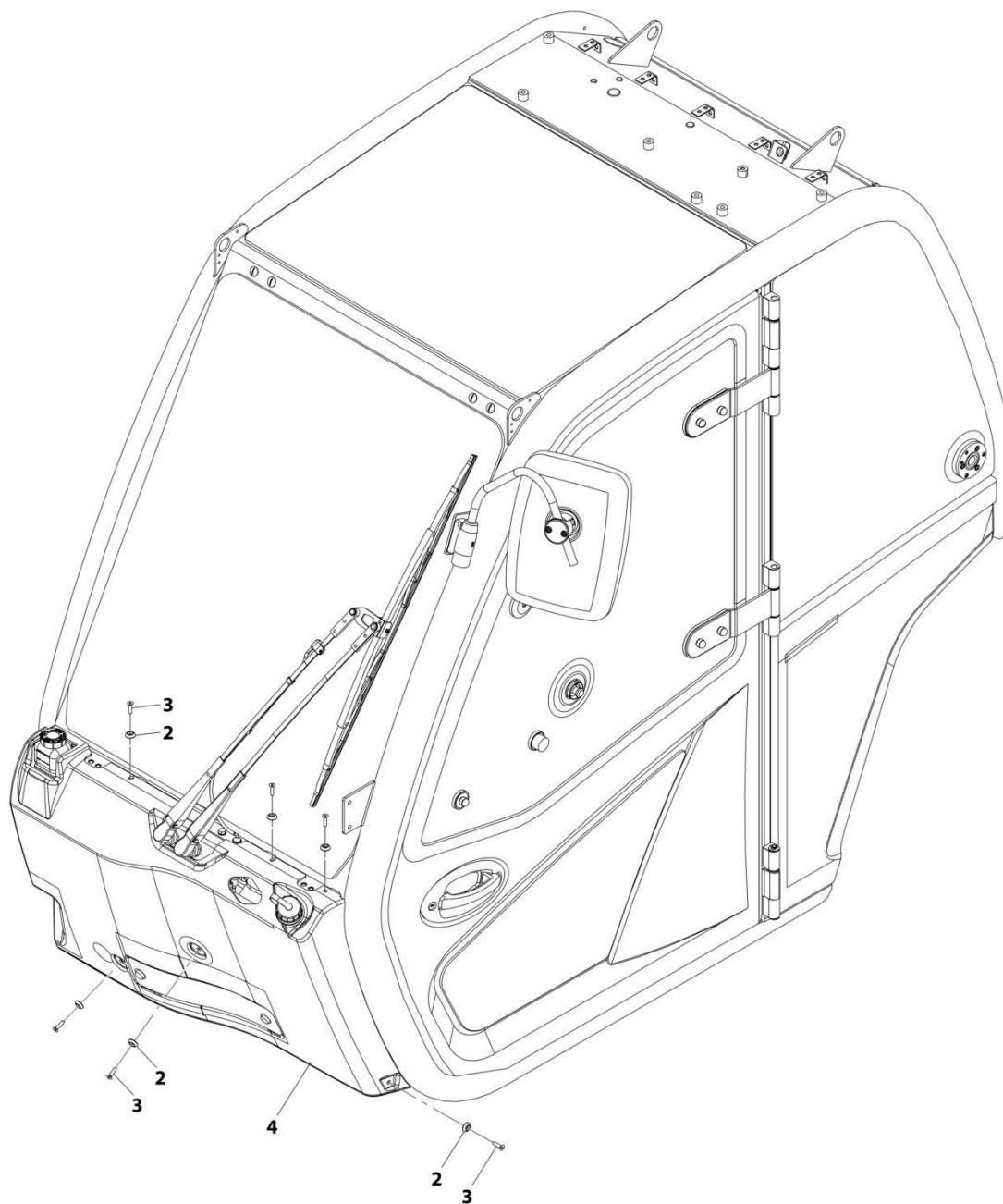
ART_1001185848-D

FIGURE 6-61. ROOF CAP INSTALLATION (NO A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185848	Ref	Roof Cap Installation (No A/C - AG)	D
2	0760810	8	Bolt, M8X20	
3	4811900	8	Washer, M8	
4	1001182330	1	Cover, Short Upper Roof Cap	
5	1001185633	1	Bracket, Roof Cap Mount	
6	1001185845	1	Cover, Short Lower Roof Cap	
7	4811902	2	Washer, M8	
8	0760808	2	Bolt, M8X16	

SECTION 6 - CAB

FIGURE 6-62. FRONT NOSE CONE INSTALLATION (SIDELIGHT)



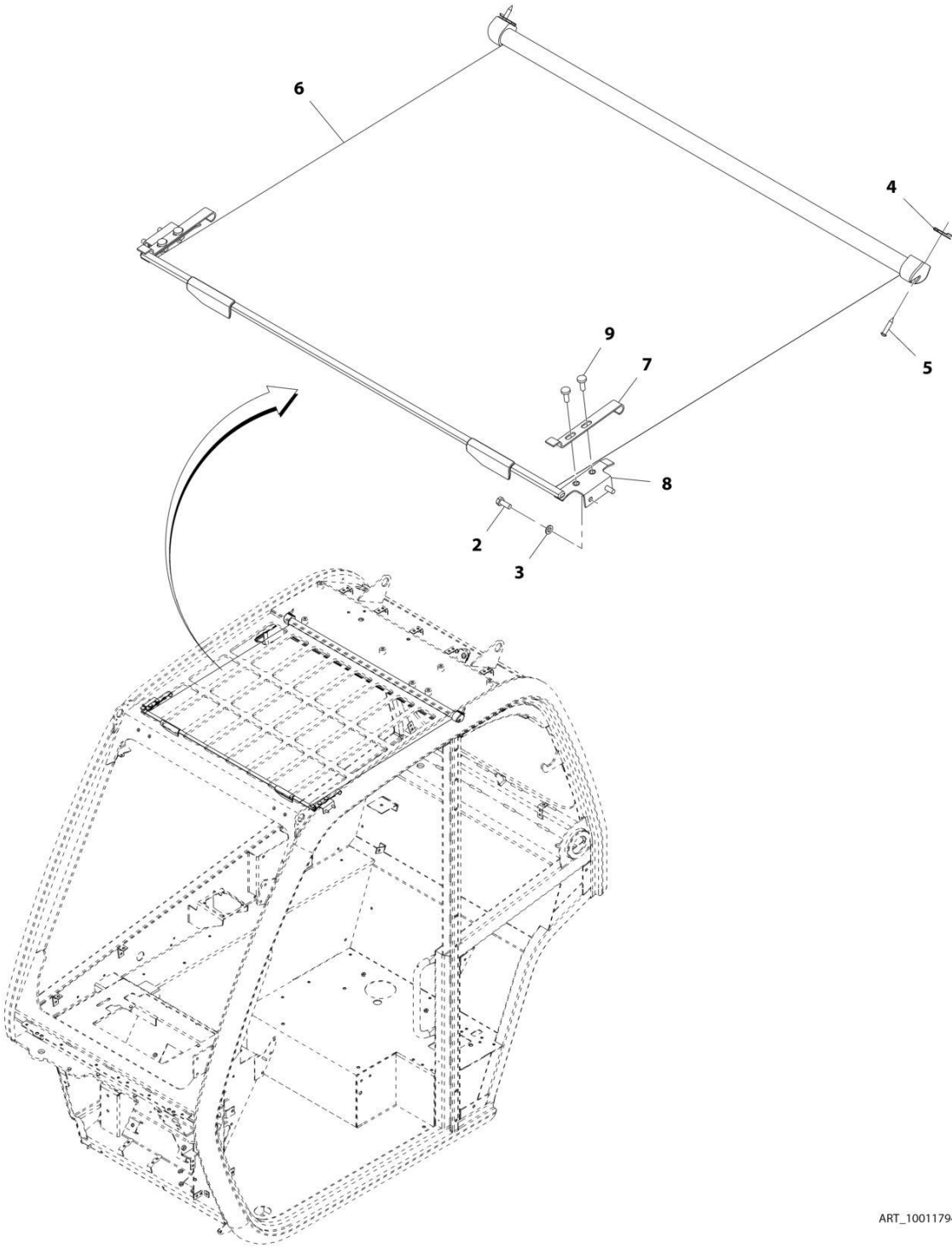
ART_1001179895-G

FIGURE 6-62. FRONT NOSE CONE INSTALLATION (SIDELIGHT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179895	Ref	Front Nose Cone Installation (Sidelight)	G
2	1001097540	6	Washer, M6	
3	3900379	6	Screw, M6X25MM	
4	1001179898	1	Cover	

SECTION 6 - CAB

FIGURE 6-63. RETRACTABLE SUNSCREEN INSTALLATION



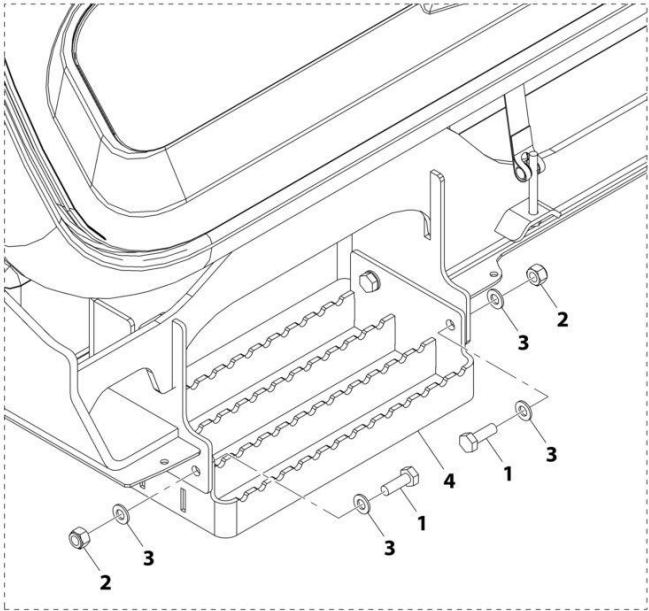
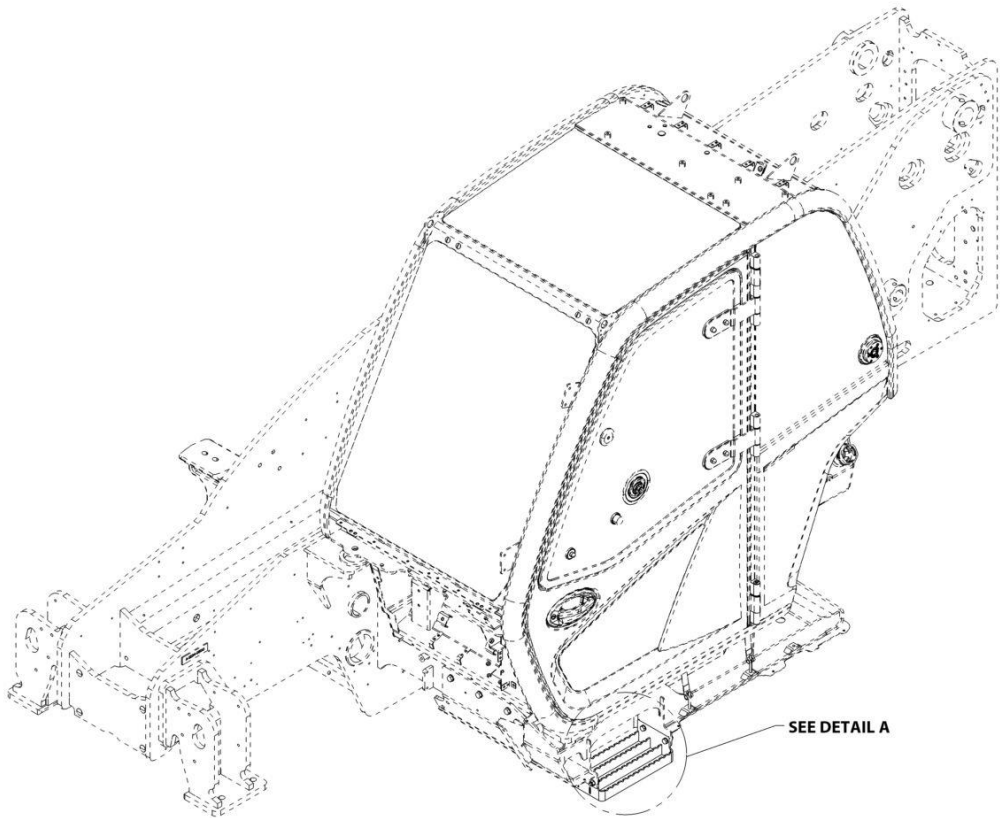
ART_1001179482-D

FIGURE 6-63. RETRACTABLE SUNSCREEN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179482	Ref	Retractable Sunscreen Installation	D
2	0760608	4	Bolt, M6X16	
3	4811700	4	Washer, M6	
4	1001111076	2	Nut, Spire	
5	1001111147	2	Screw, Self Tapping	
6	1001179483	1	Cab, Sun Blind	
7	1001209463	2	Bracket	
8	1001166385	2	Bracket	
9	4010608002	4	Screw, Posi-Drive M6X16	

SECTION 6 - CAB

FIGURE 6-64. CAB STEP INSTALLATION



DETAIL A

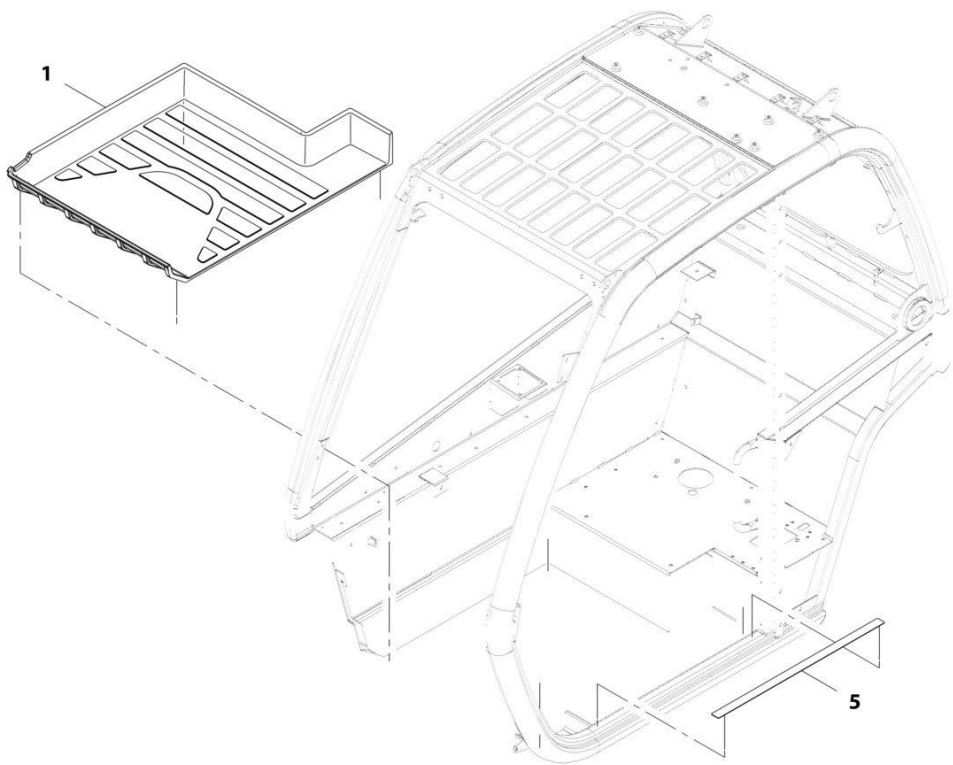
ART_1001198958-B

FIGURE 6-64. CAB STEP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001198958	Ref	Cab Step Installation	B
1	0701014	4	Bolt, M10X30	
2	3291005	4	Nut, Lock M10X1.5 Grade 8	
3	4812000	8	Washer, M10	
4	1001198924	1	Bracket, Step	

SECTION 6 - CAB

FIGURE 6-65. FLOOR MAT INSTALLATION



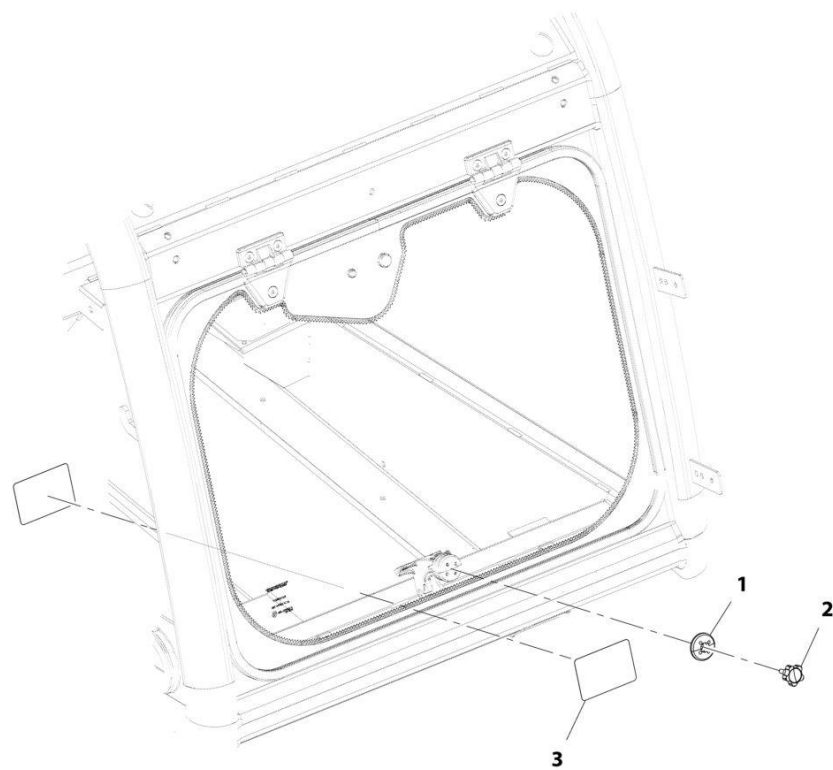
ART_1001161080-E

FIGURE 6-65. FLOOR MAT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161080	Ref	Floor Mat Installation	E
1	1001161078	1	Cab, Floor Mat	
5	1001197259	1	Tape, Frame Non Skid	

SECTION 6 - CAB

FIGURE 6-66. EXTERNAL WINDOW RELEASE INSTALLATION (ANSI)



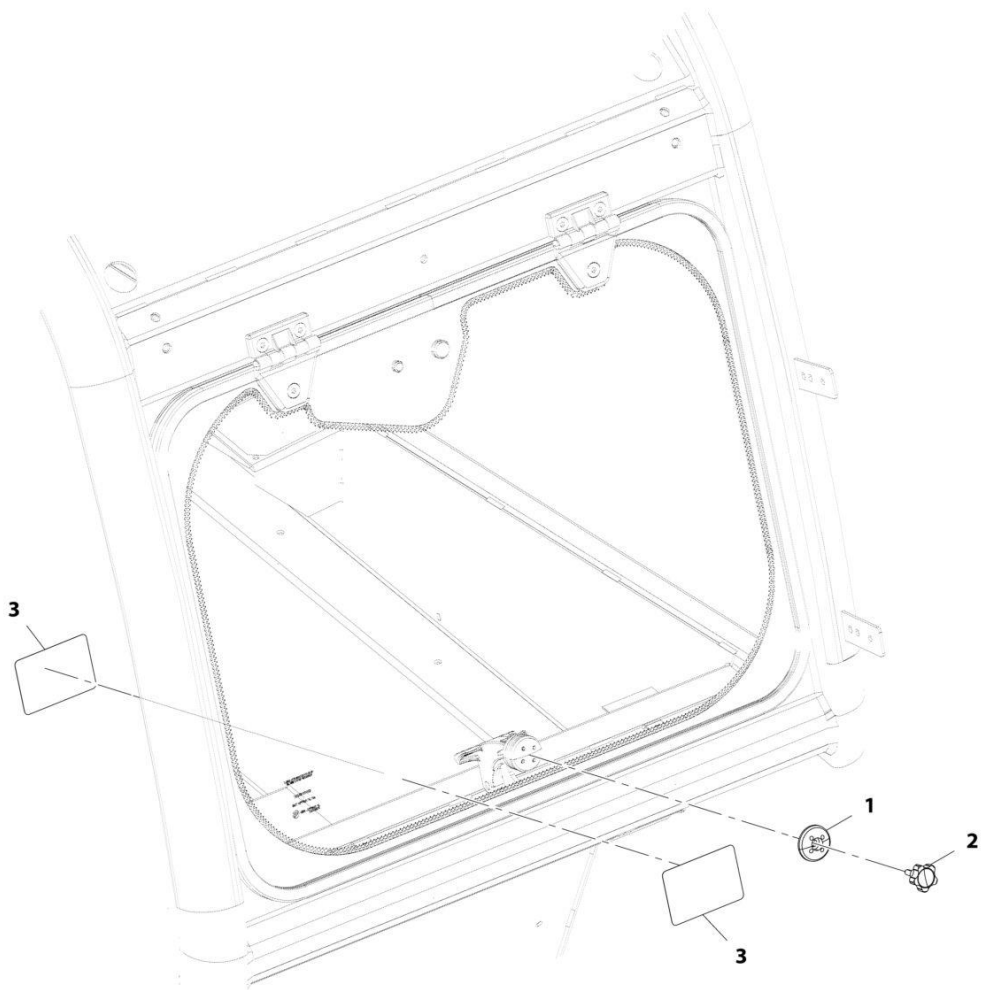
ART_1001212047-A

FIGURE 6-66. EXTERNAL WINDOW RELEASE INSTALLATION (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212047	Ref	External Window Release Installation (ANSI)	A
1	1001179008	1	Cap, Latch Window	
2	1001179009	1	Cap, Knob M6	
3	1001212049	2	Decal, Emergency Exit	

SECTION 6 - CAB

FIGURE 6-67. EXTERNAL WINDOW RELEASE INSTALLATION (CAN)



ART_1001178826-C

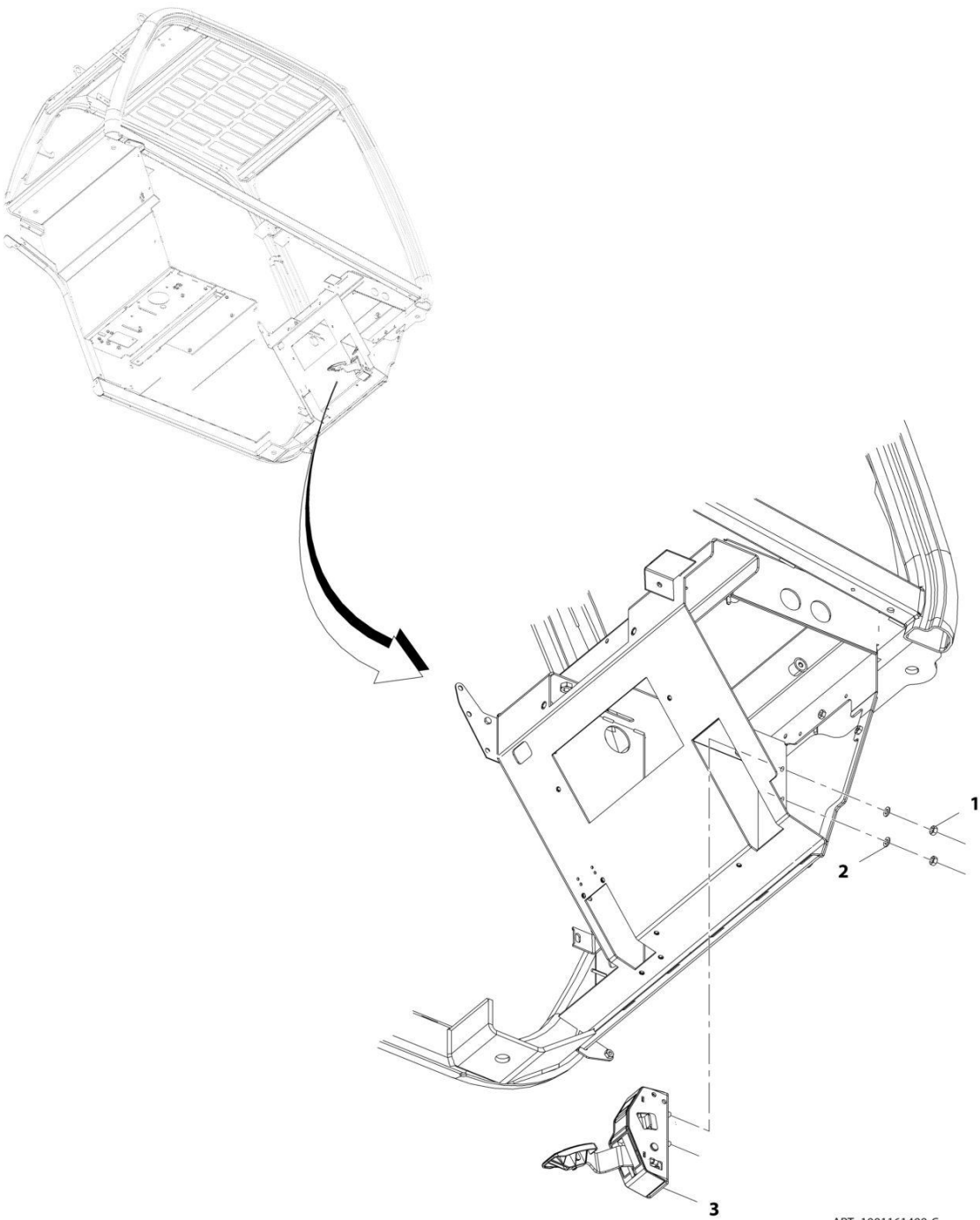
FIGURE 6-67. EXTERNAL WINDOW RELEASE INSTALLATION (CAN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178826	Ref	External Window Release Installation (English/French)	C
1	1001179008	1	Cap, Latch Window	
2	1001179009	1	Knob	
3	1001204709	2	Decal, Emergency Exit (English/French)	

SECTION 7 - CONTROLS

SECTION 7 - CONTROLS

FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION



ART_1001161499-C

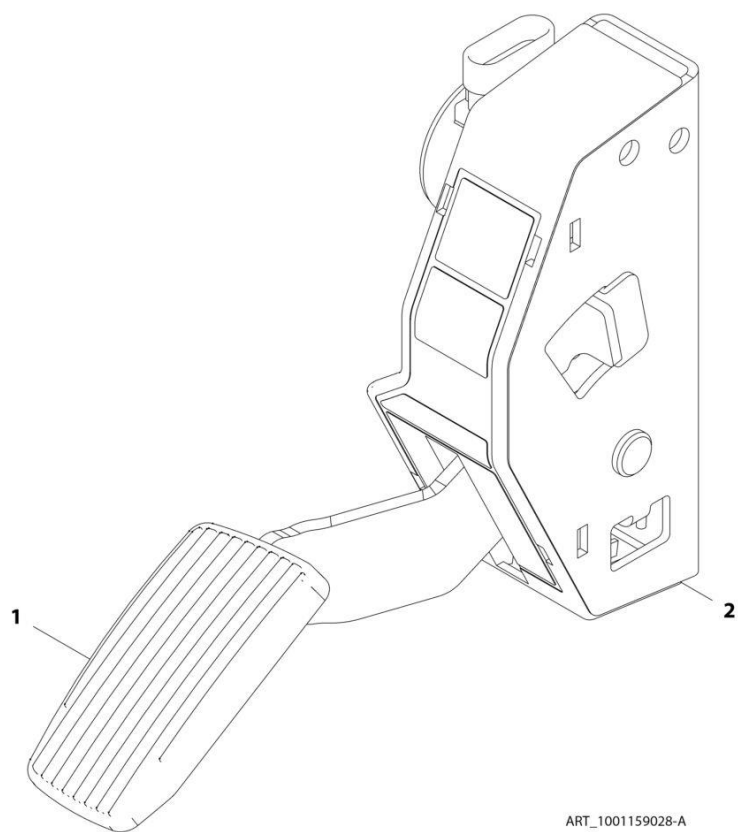
SECTION 7 - CONTROLS

FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161499	Ref	Accelerator Pedal Installation	C
1	3290801	2	Nut, M8X1.25	
2	4811900	2	Washer, M8	
3	1001159028	1	Pedal, Accelerator (See Separate Breakdown in this Section)	

SECTION 7 - CONTROLS

FIGURE 7-2. ACCELERATOR PEDAL



ART_1001159028-A

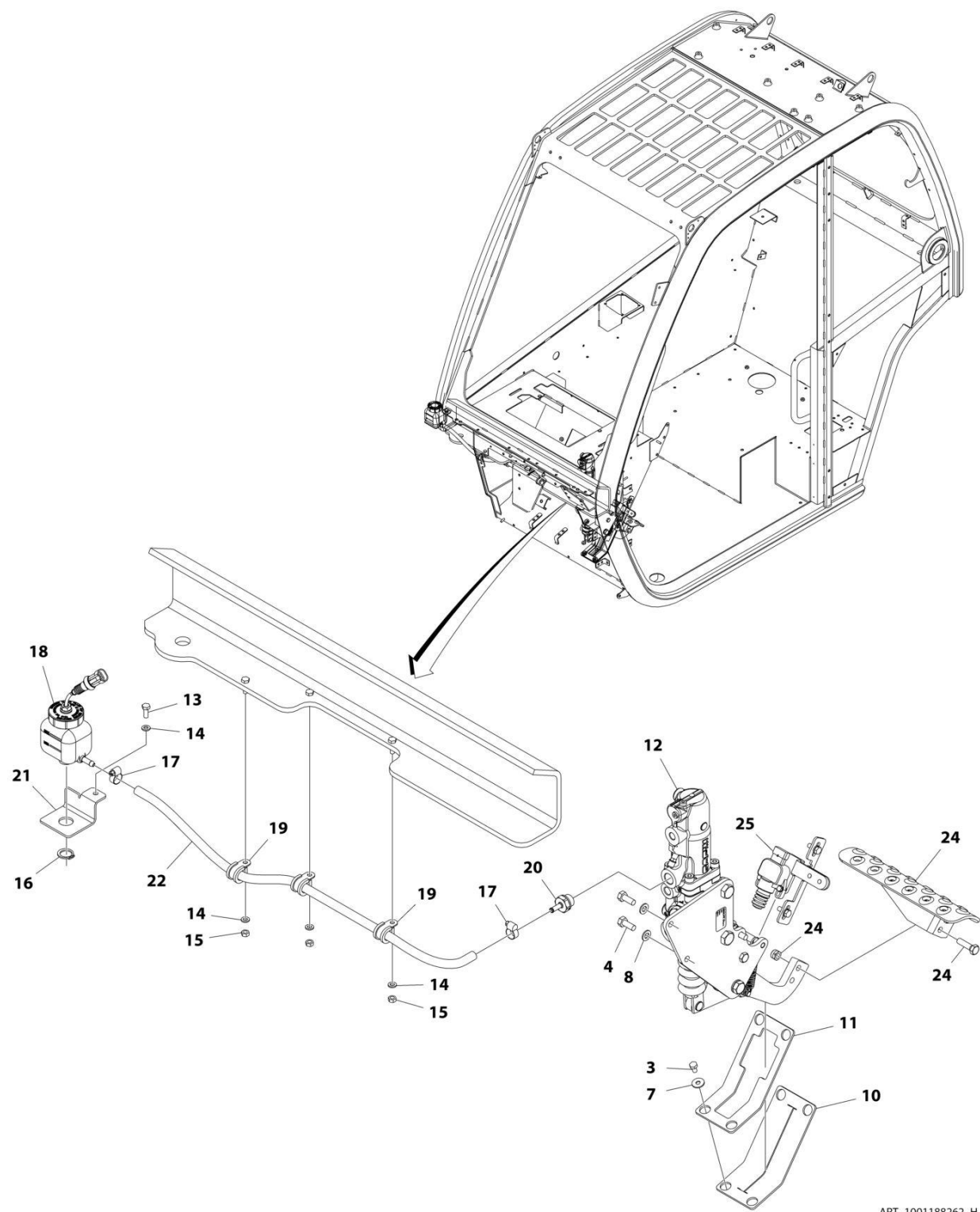
SECTION 7 - CONTROLS

FIGURE 7-2. ACCELERATOR PEDAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159028	Ref	Accelerator Pedal	A
1	70025816	1	Pad, Rubber	
2	70025817	1	Cover, Rubber	

SECTION 7 - CONTROLS

FIGURE 7-3. BRAKE PEDAL INSTALLATION



ART_1001188262_H

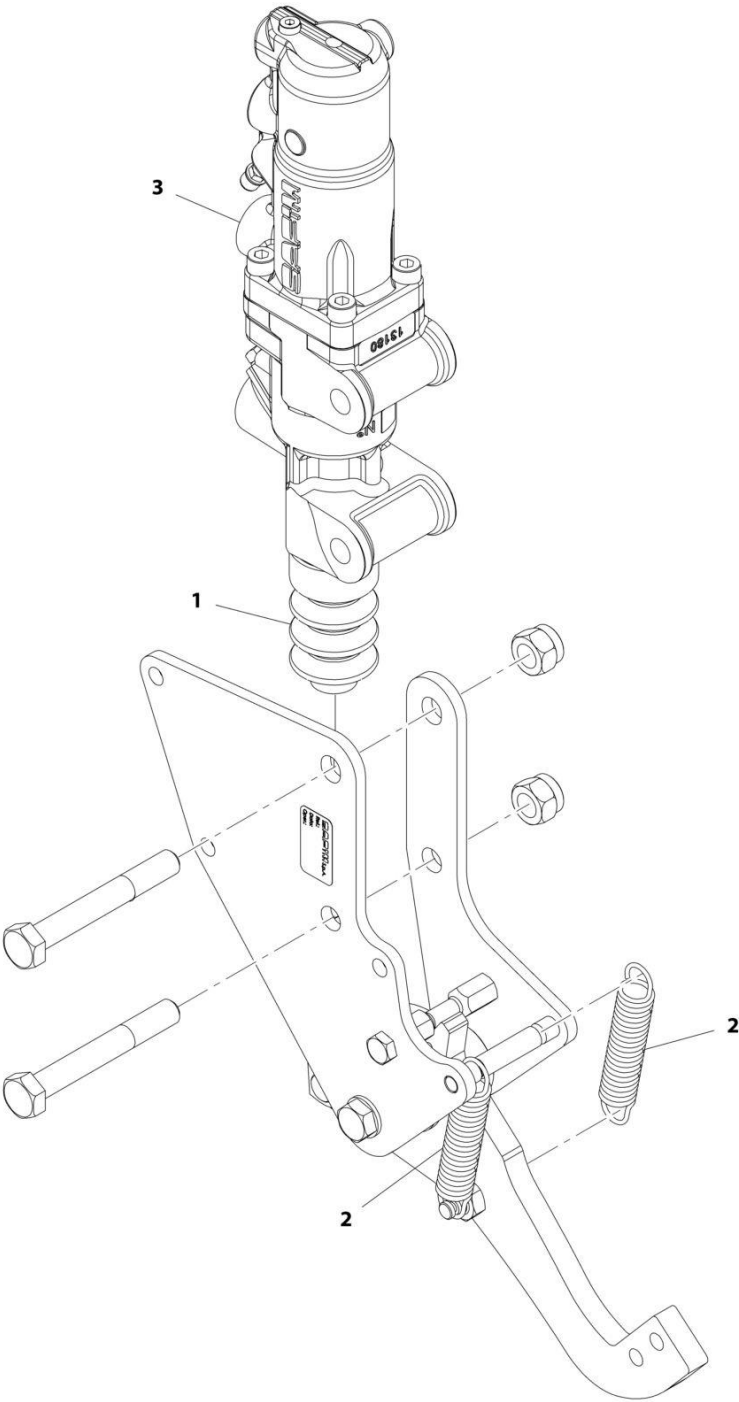
SECTION 7 - CONTROLS

FIGURE 7-3. BRAKE PEDAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188262	Ref	BRAKE PEDAL INSTALLATION	H
3	0760605	4	Bolt M6 x 10	
4	0760810	3	Bolt M8 x 20	
7	4811702	4	Washer M6	
8	4811900	3	Washer M8	
10	1001162920	1	Gasket, Brake Pedal	
11	1001162922	1	Plate	
12	1001187413	1	Pedal, Brake (See Separate Breakdown in this Section)	
13	0760608	1	Bolt M6 x 16	
14	4811700	4	Washer M6	
15	3290601	3	Nut M6	
16	3760348	1	Ring, Retaining	
17	8405009	2	Clamp, Gear	
18	1001269248	1	Reservoir, Brake	
19	1001170231	3	Clip	
20	1001171874	1	Fitting, Hose Barb	
21	1001172088	1	Bracket	
22	1001172094	1	Hose	
24	1001197139	1	Plate, Brake Pedal (See Separate Breakdown in this Section)	
25	1001205061	Ref	Installation, Brake Sensor (See Separate Breakdown in this Section)	

SECTION 7 - CONTROLS

FIGURE 7-4. BRAKE PEDAL



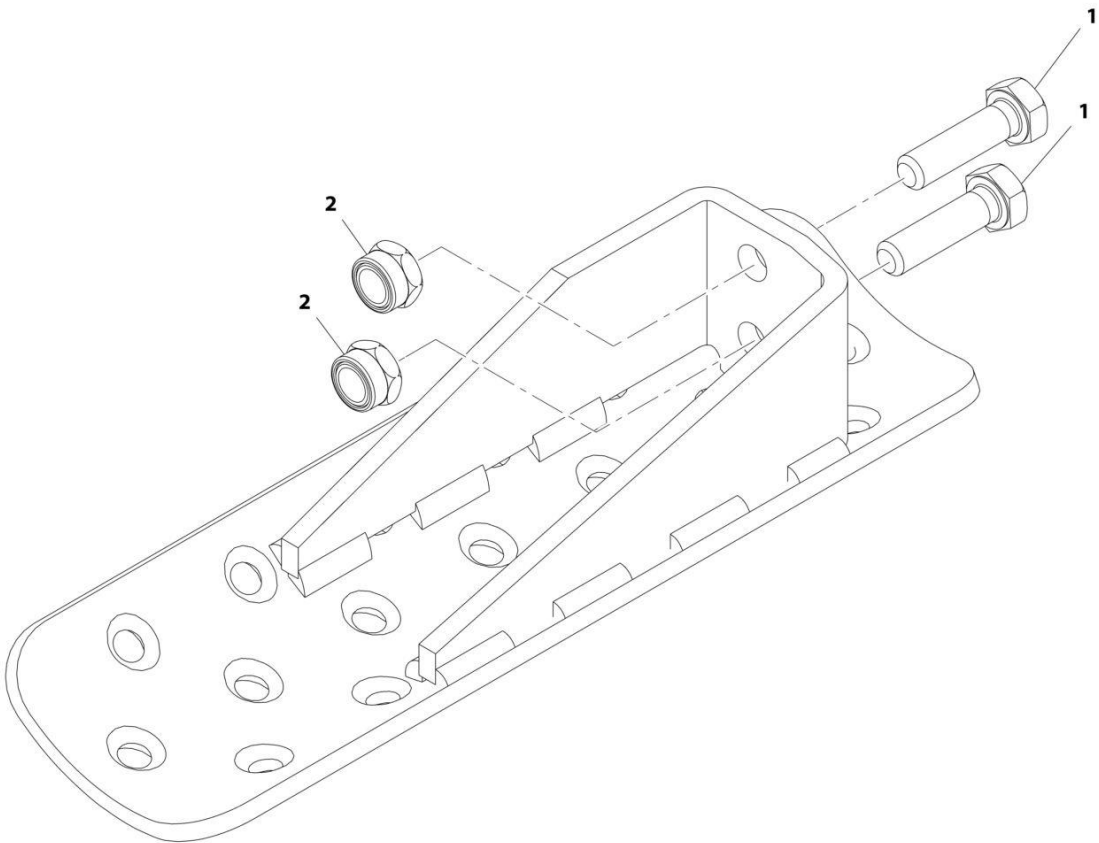
ART_1001187413-D

FIGURE 7-4. BRAKE PEDAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187413	Ref	Brake Pedal	D
1	70025859	1	Cover, Dust	
2	70025860	1	Spring, Return	
3	70026537	1	Cylinder, Master	

SECTION 7 - CONTROLS

FIGURE 7-5. BRAKE PEDAL PLATE



ART_1001197139-A

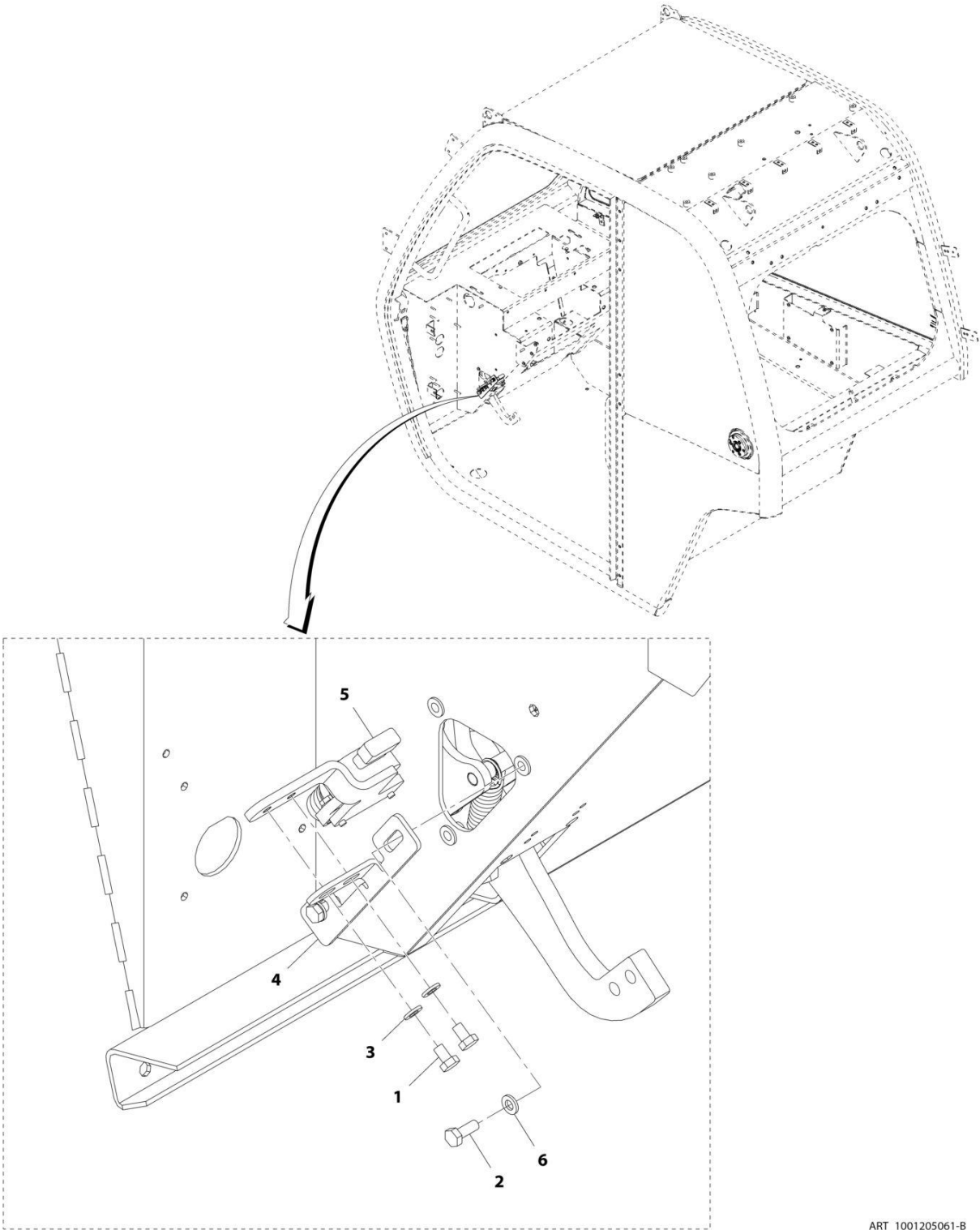
SECTION 7 - CONTROLS

FIGURE 7-5. BRAKE PEDAL PLATE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197139	Ref	Brake Pedal Plate	A
1	0770814	1	Bolt, M8X30 Grade 10.9	
2	3290805	1	Nut, Lock M8X1.25 Grade 8	

SECTION 7 - CONTROLS

FIGURE 7-6. BRAKE SENSOR INSTALLATION



ART_1001205061-B

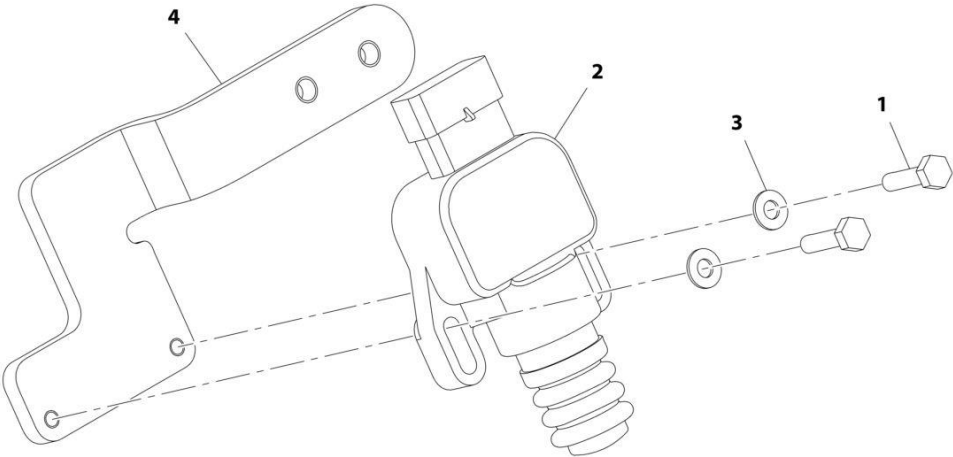
SECTION 7 - CONTROLS

FIGURE 7-6. BRAKE SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205061	Ref	Brake Sensor Installation	B
1	0760605	2	Bolt, M6X10	
2	0760608	2	Bolt, M6X16	
3	4811700	2	Washer, M6	
4	1001201499	1	Plate, Switch Adjustment	
5	1001201501	1	Assembly, Switch Plate (See Separate Breakdown in this Section)	
6	4811702	2	Washer, M6	

SECTION 7 - CONTROLS

FIGURE 7-7. SWITCH PLATE ASSEMBLY



ART_1001201501-A

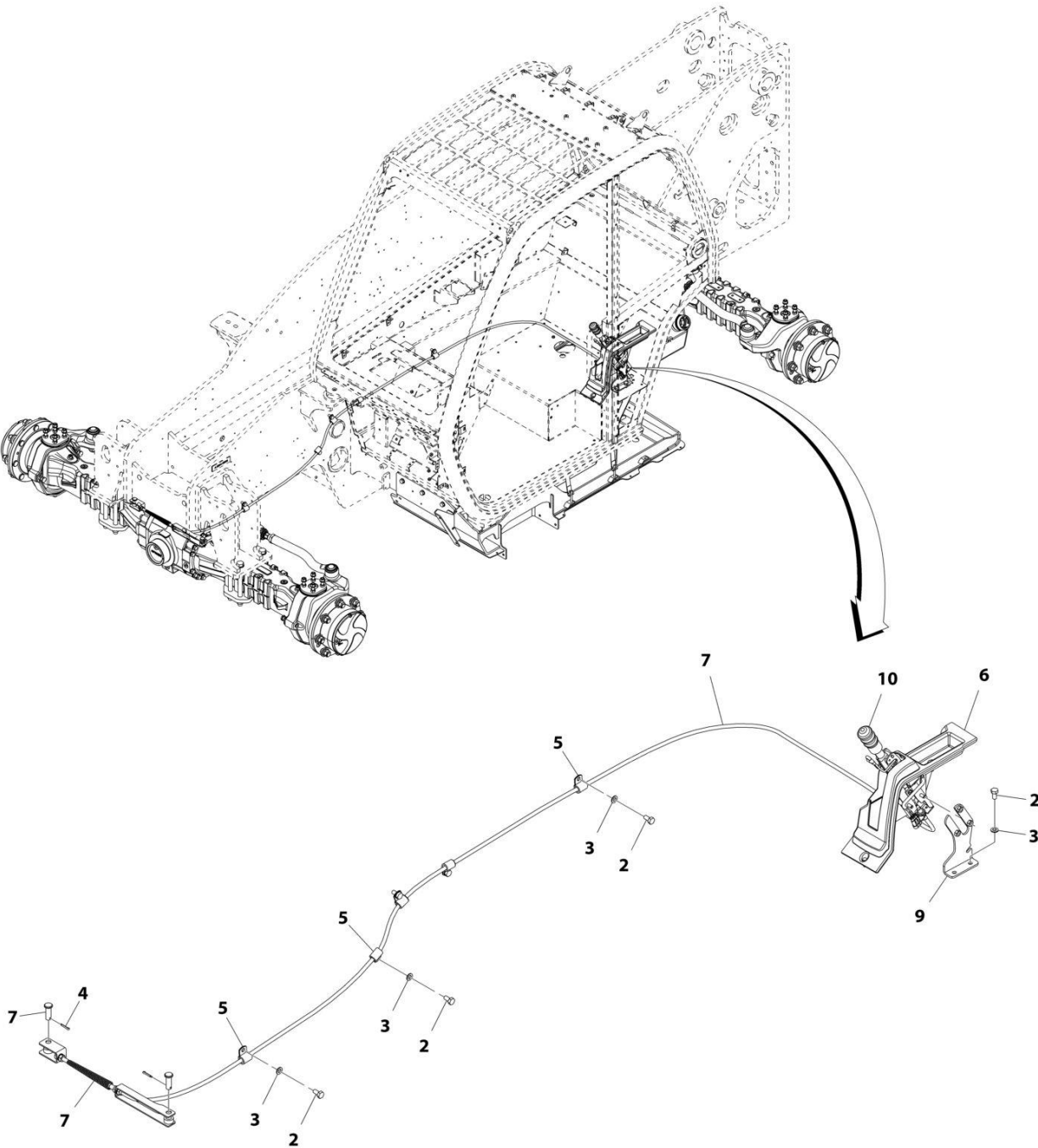
SECTION 7 - CONTROLS

FIGURE 7-7. SWITCH PLATE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201501	Ref	Switch Plate Assembly	A
1	0700408	2	Bolt, M4X16	
2	4360658	1	Sensor, Brake	
3	4811400	2	Washer, M4	
4	1001201500	1	Plate	

SECTION 7 - CONTROLS

FIGURE 7-8. PARKING BRAKE INSTALLATION (CABLE - STANDARD)



ART_1001180472-E

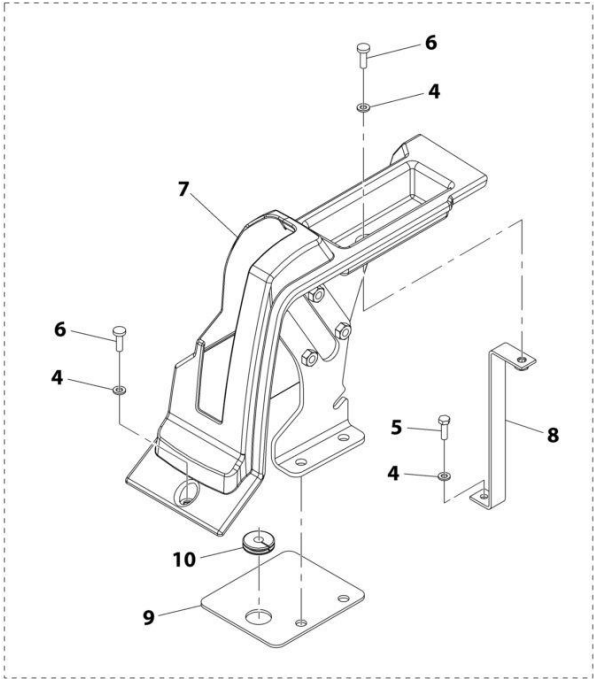
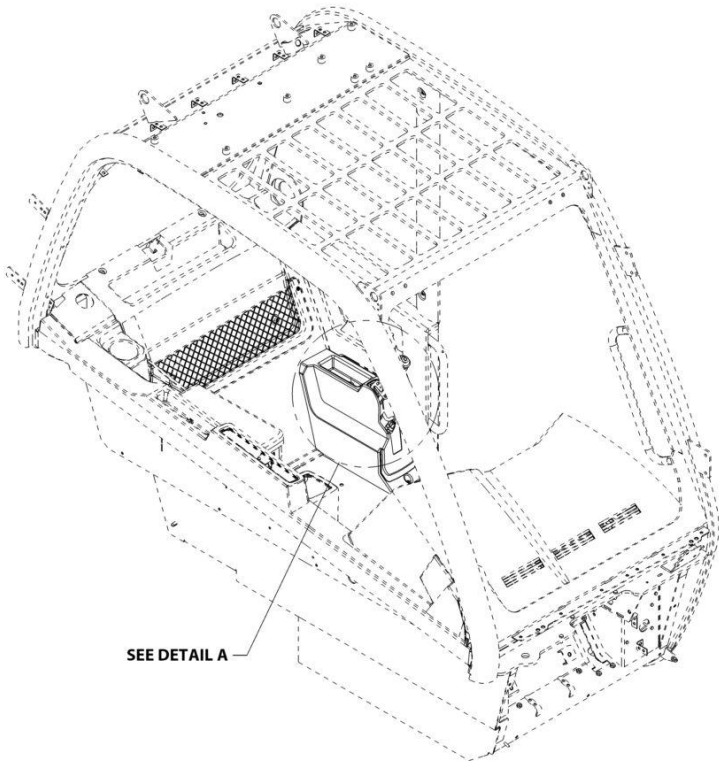
SECTION 7 - CONTROLS

FIGURE 7-8. PARKING BRAKE INSTALLATION (CABLE - STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180472	Ref	Parking Brake Installation (Cable)	E
2	0761010	7	Bolt, M10X20	
3	4812000	7	Washer, M10	
4	3391408	2	Pin	
5	1001003809	5	Clamp	
6	1001174567	1	Cover, Parking Brake (Mechanical) (See Separate Breakdown in this Section)	
7	1001177053	1	Assembly, Parking Cable (Mechanical) (See Separate Breakdown in this Section)	
9	1001195207	1	Bracket	
10	1001201951	1	Lever, Parking Brake (Mechanical)	

SECTION 7 - CONTROLS

FIGURE 7-9. PARKING BRAKE COVER (MECHANICAL)



DETAIL A

ART_1001174567-C

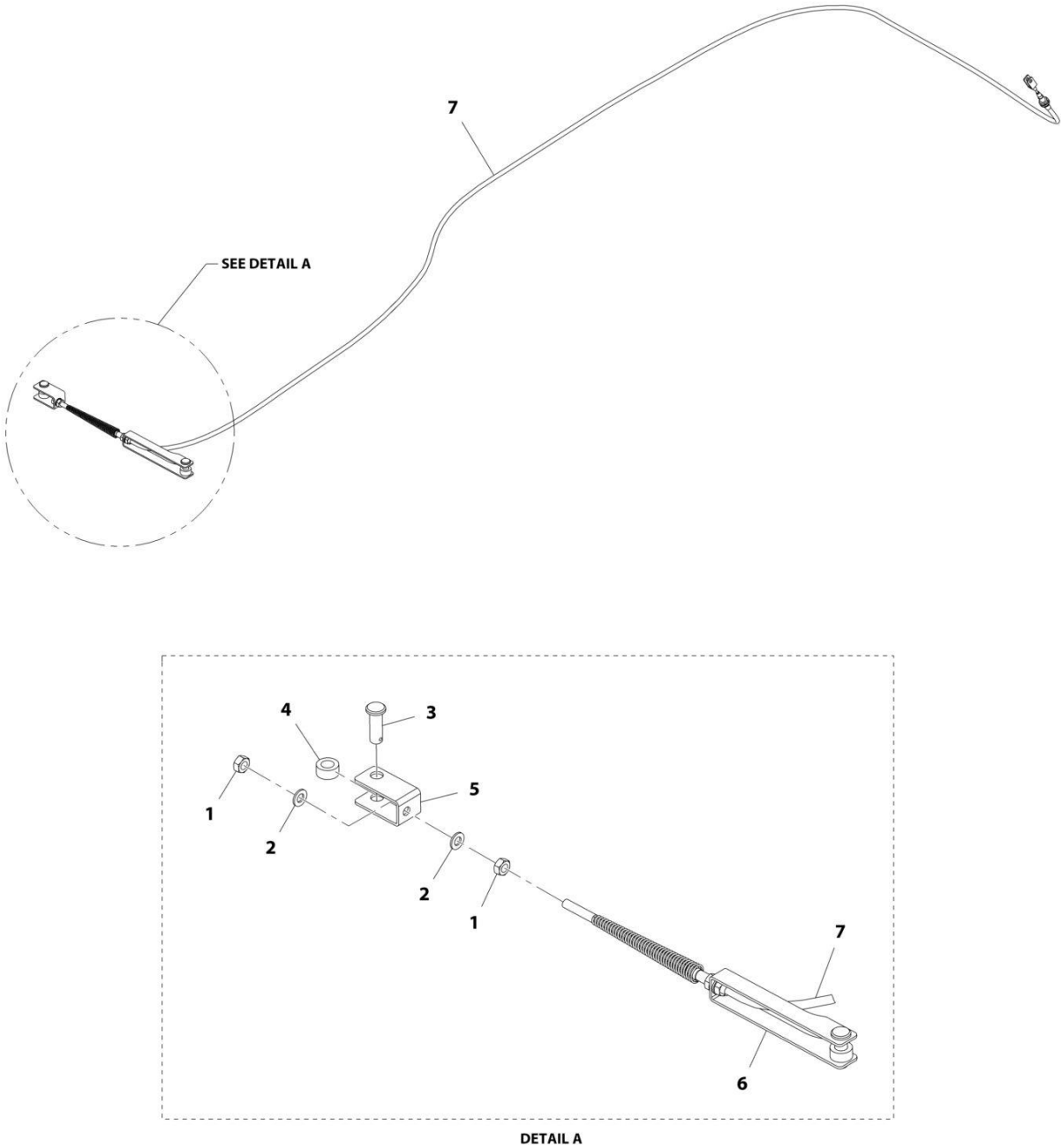
SECTION 7 - CONTROLS

FIGURE 7-9. PARKING BRAKE COVER (MECHANICAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174567	Ref	Parking Brake Cover (Mechanical)	D
4	4811700	3	Washer, M6	
5	0700610	1	Bolt, M6X20	
6	4010610002	2	Screw, M6X20	
7	1001195004	1	Panel, Brake Cover	
8	1001195254	1	Bracket	
9	1001221255	1	Plate, Cover	
10	1001008469	1	Grommet	
11	3520028	1	Plug (Not Shown)	

SECTION 7 - CONTROLS

FIGURE 7-10. PARKING CABLE ASSEMBLY (MECHANICAL)



ART_1001177053-A

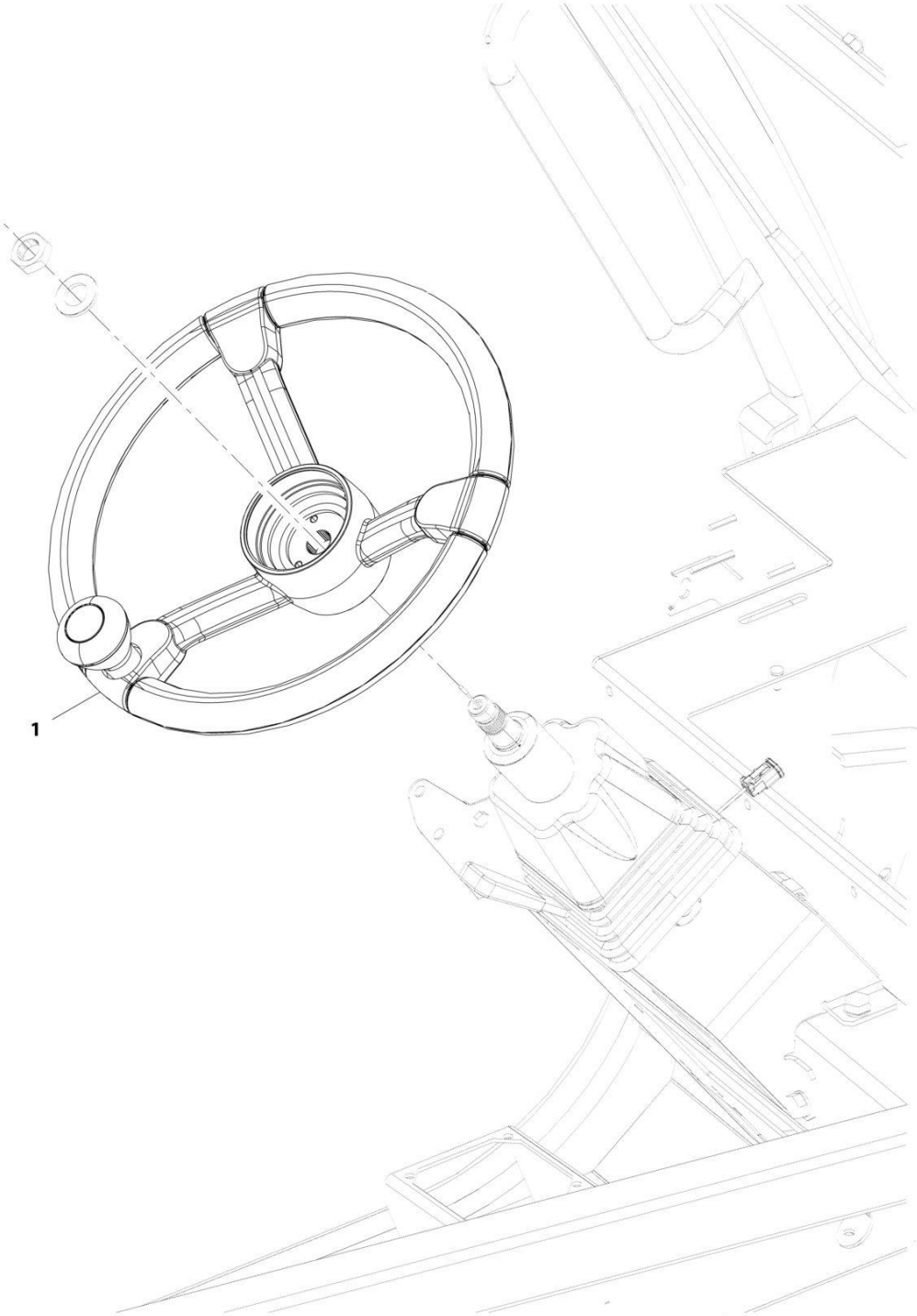
SECTION 7 - CONTROLS

FIGURE 7-10. PARKING CABLE ASSEMBLY (MECHANICAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177053	Ref	Parking Cable Assembly (Mechanical)	A
1	3291001	4	Nut, M10X1.5 Grade 8	
2	4812000	4	Washer, M10	
3	1001177048	2	Pin	
4	1001177049	2	Spacer	
5	1001177050	1	Clevis, Park Brake Small	
6	1001177051	1	Clevis, Park Brake Large	
7	1001177052	1	Cable, Hand Brake	

SECTION 7 - CONTROLS

FIGURE 7-11. STEERING WHEEL INSTALLATION



ART_1001169751-C

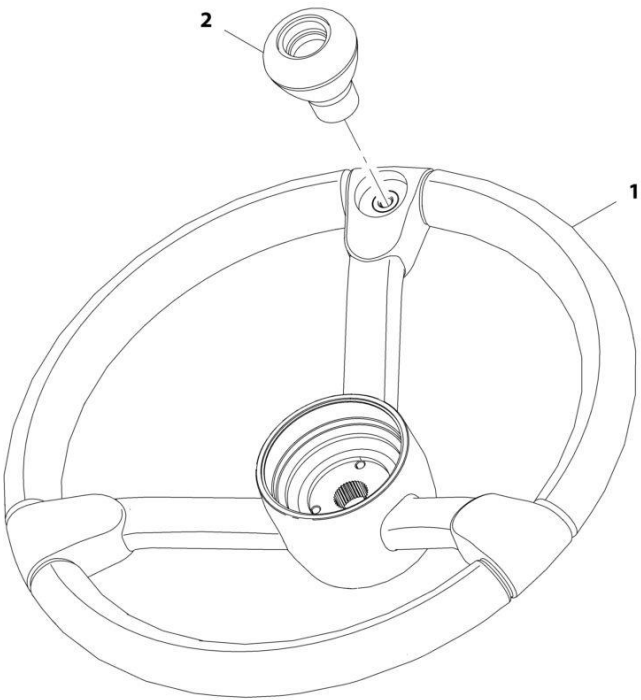
SECTION 7 - CONTROLS

FIGURE 7-11. STEERING WHEEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001169751	Ref	Steering Wheel Installation	C
	1001169354	1	Wheel, Steering (See Separate Breakdown in this Section)	

SECTION 7 - CONTROLS

FIGURE 7-12. STEERING WHEEL



ART_1001169354-D

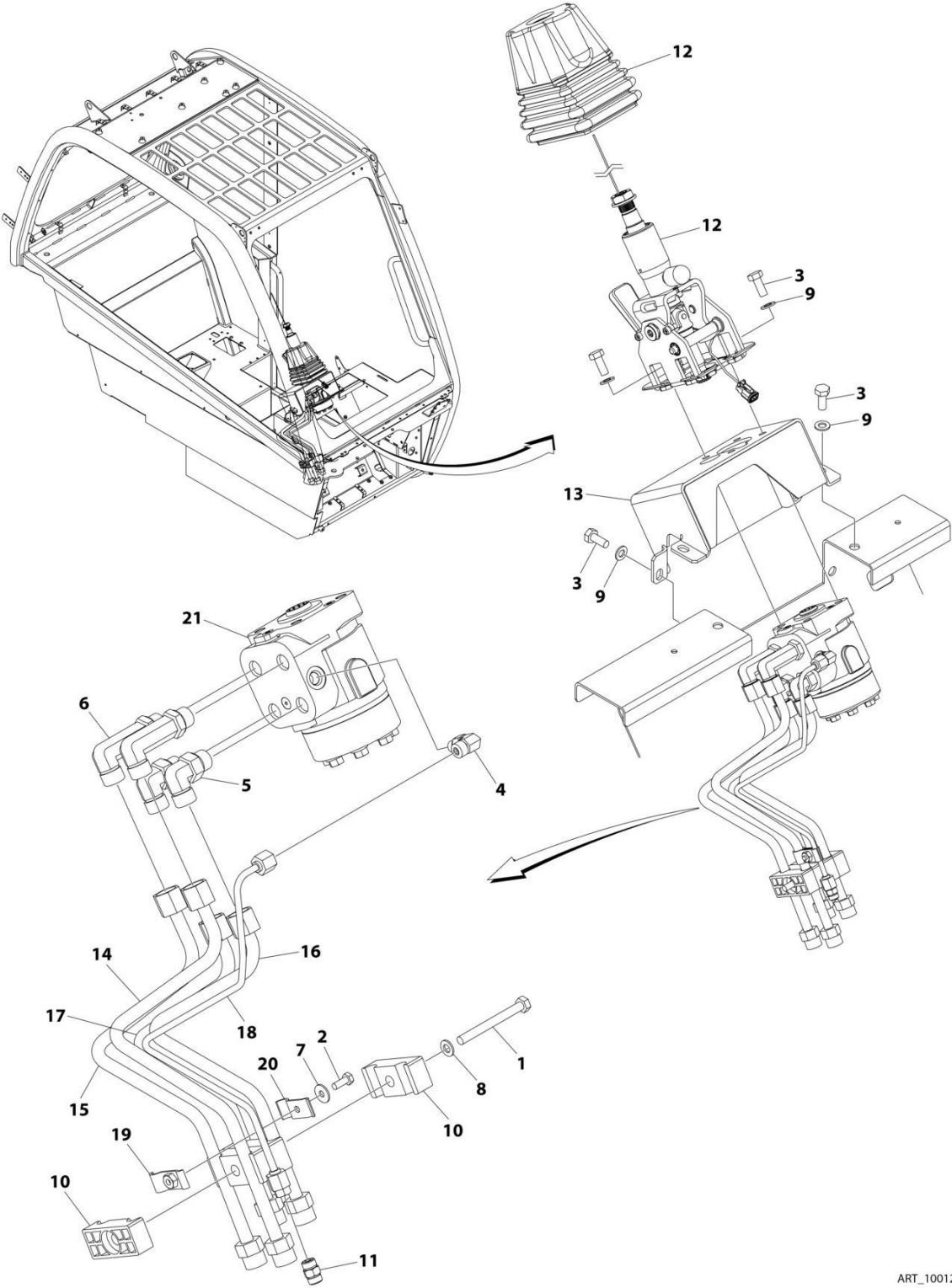
SECTION 7 - CONTROLS

FIGURE 7-12. STEERING WHEEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169354	Ref	Steering Wheel	D
1	1001169367	1	Wheel, Steering	
2	1001169355	1	Handle, Steer Spinner	

SECTION 7 - CONTROLS

FIGURE 7-13. STEERING COLUMN INSTALLATION



ART_1001229534_D

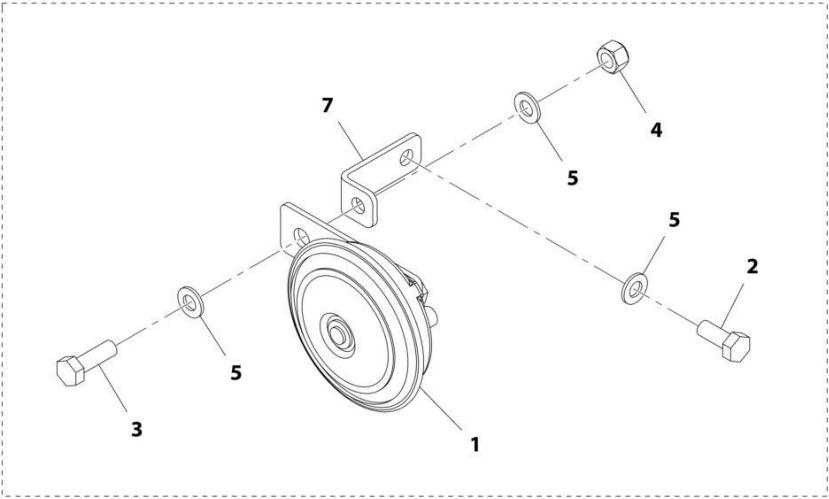
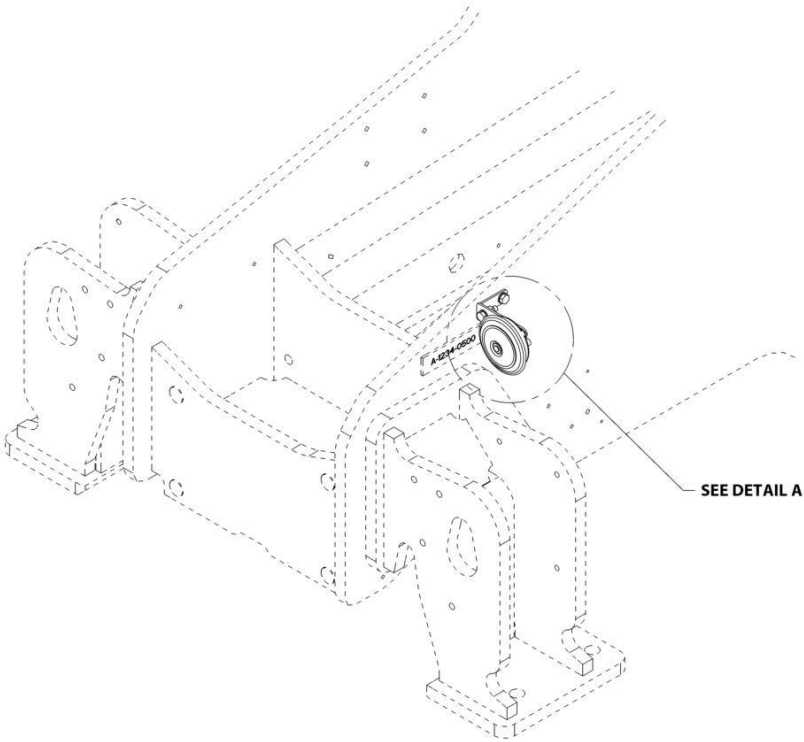
SECTION 7 - CONTROLS

FIGURE 7-13. STEERING COLUMN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229534	Ref	Steering Column Installation	D
1	0700824	1	Bolt, M8X80	
2	0760608	1	Bolt, M6X16	
3	0761012	8	Bolt, M10X25	
4	2130404	1	Fitting, 90 ORFS	
5	2130808	2	Fitting, 90 ORFS	
6	2170208	2	Fitting, 90 ORFS	
7	4811702	1	Washer, M6	
8	4811900	1	Washer, M8	
9	4812000	8	Washer, M10	
10	1001004640	4	Clamp	
11	1001143857	1	Fitting, Straight ORFS	
12	1001257330	1	Column Assembly - Tilt Steering (No Service Parts Available - Purchase Complete Assembly))	
13	1001156265	1	Bracket, Support	
14	1001161672	1	Pipe	
15	1001161896	1	Pipe	
16	1001161897	1	Pipe	
17	1001161898	1	Pipe	
18	1001162979	1	Pipe	
19	1001168142	1	Bracket	
20	1001168151	1	Bracket	
21	1001229087	1	Valve, Steering Unit	

SECTION 7 - CONTROLS

FIGURE 7-14. HORN INSTALLATION



DETAIL A

ART_1001180418-C

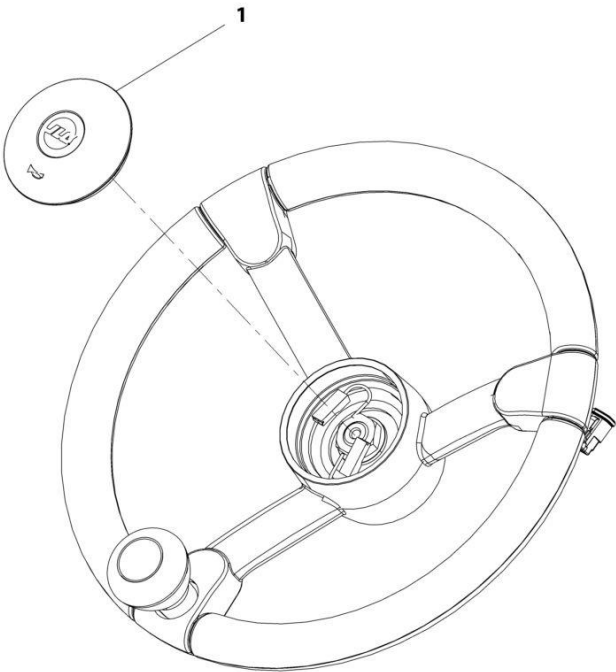
SECTION 7 - CONTROLS

FIGURE 7-14. HORN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180418	Ref	Horn Installation	C
1	1001003596	1	Horn	
2	0760810	1	Bolt, M8X20	
3	0760812	1	Bolt, M8X25	
4	3290805	1	Nut, Lock M8X1.25 Grade 8	
5	4811900	3	Washer, M8	
7	1001104437	1	Bracket, Horn Mount	

SECTION 7 - CONTROLS

FIGURE 7-15. HORN BUTTON INSTALLATION



ART_1001169763-A

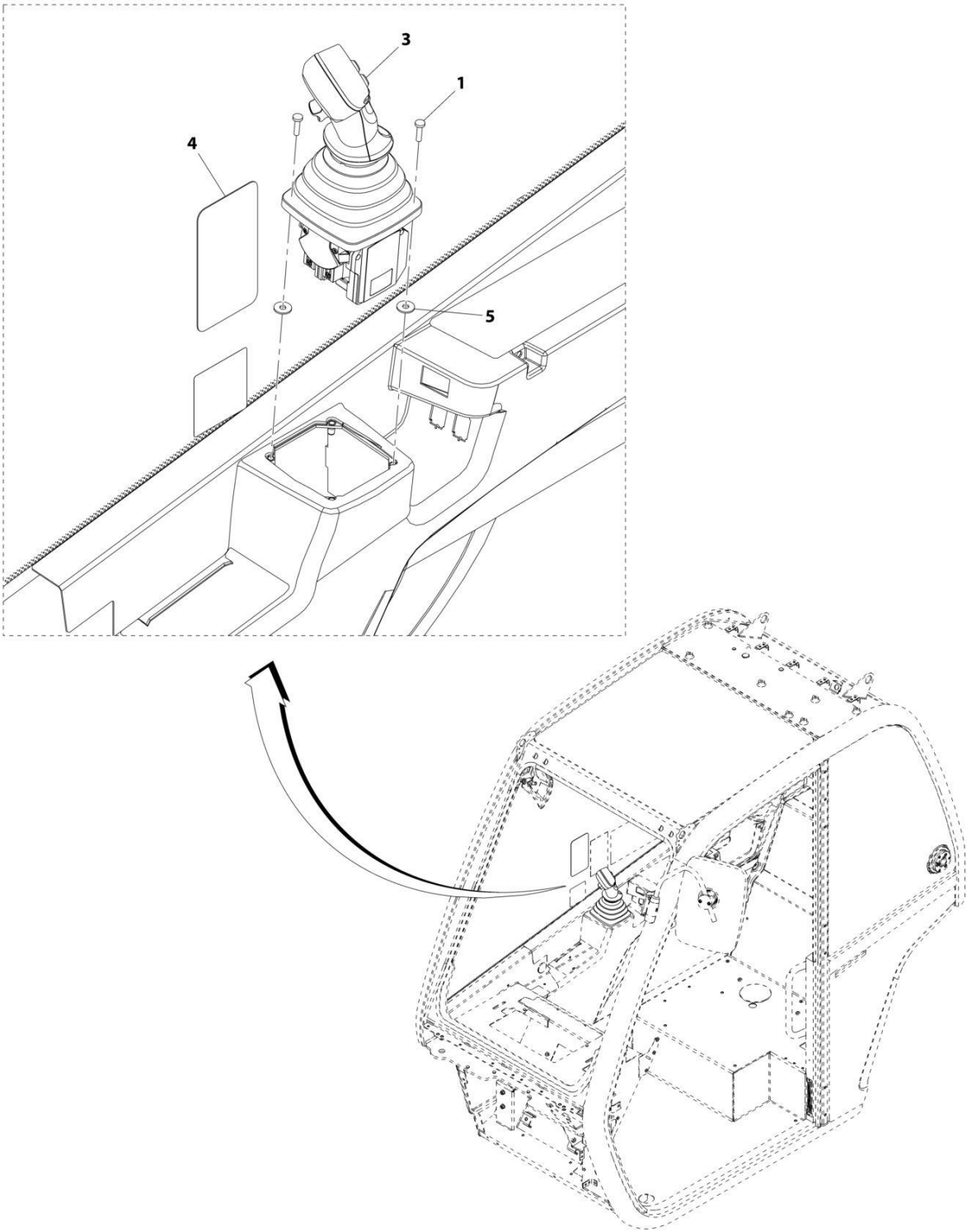
SECTION 7 - CONTROLS

FIGURE 7-15. HORN BUTTON INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001169763	Ref	Horn Button Installation	A
	1001169268	1	Button, Horn	

SECTION 7 - CONTROLS

FIGURE 7-16. JOYSTICK INSTALLATION



ART_1001167004-G

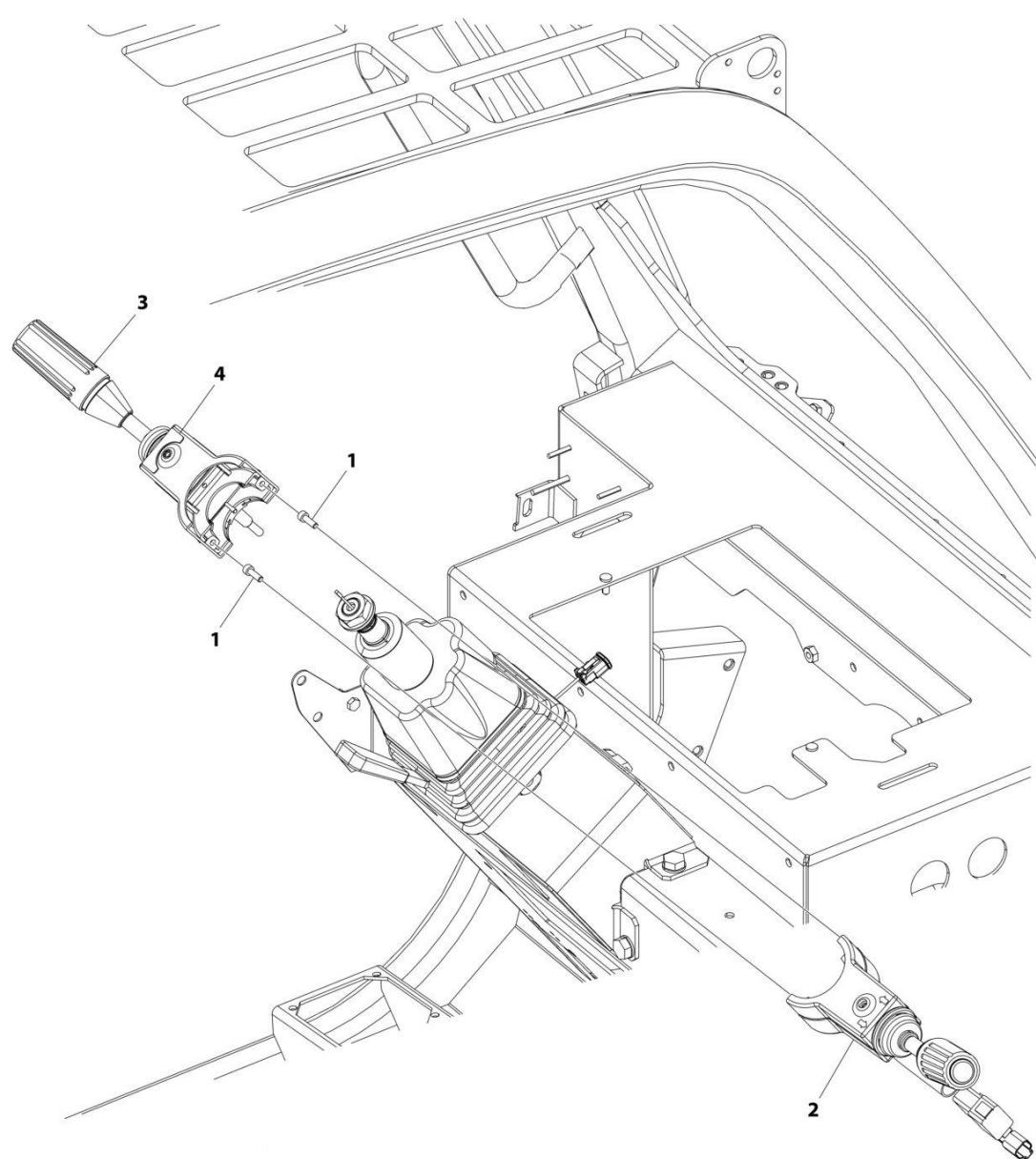
SECTION 7 - CONTROLS

FIGURE 7-16. JOYSTICK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167004	Ref	Joystick Installation	H
1	4010510	4	Screw, M5X20	
3	1001222603	1	Joystick	
4	1001236404	NLA	Decal, Joystick (no longer available, use 1001241950 for replacement)	
4	1001241950	1	Decal, Joystick	
5	4811702001	AR	Washer, M6	

SECTION 7 - CONTROLS

FIGURE 7-17. WIPER-TURN SWITCH (0 SPEED - FNR)



ART_1001181927

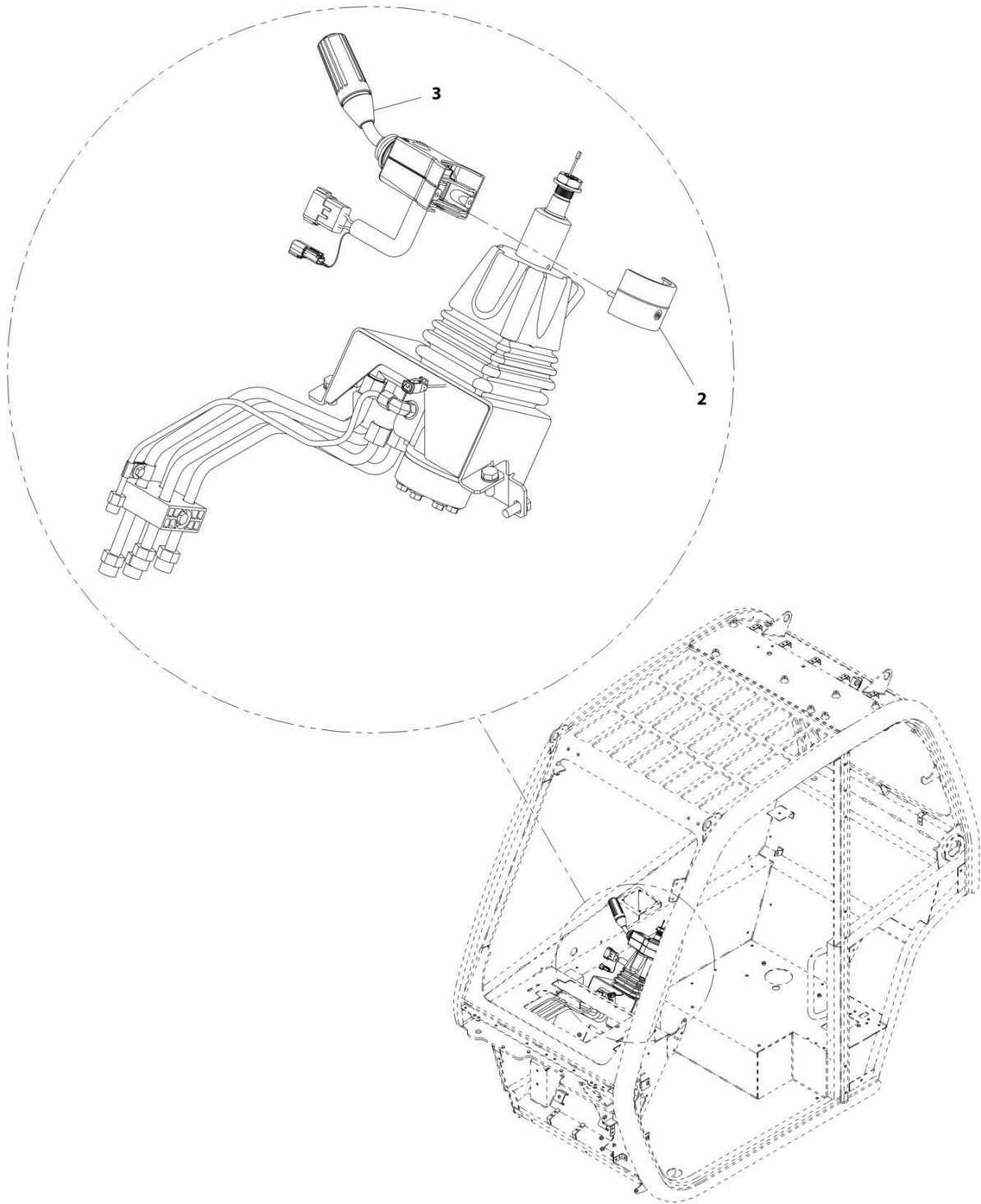
SECTION 7 - CONTROLS

FIGURE 7-17. WIPER-TURN SWITCH (0 SPEED - FNR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181927	Ref	Wiper-Turn Switch (0 Speed - FNR)	F
1	4031607	2	Bolt, M5X16	
2	1001214280	1	Switch, Turn-Wiper	
3	1001257348	1	Switch, Zero Speed	
4	1001236402	1	Decal	

SECTION 7 - CONTROLS

FIGURE 7-18. WIPER-TURN SWITCH (NO SPEED)



ART_1001181928-D

SECTION 7 - CONTROLS

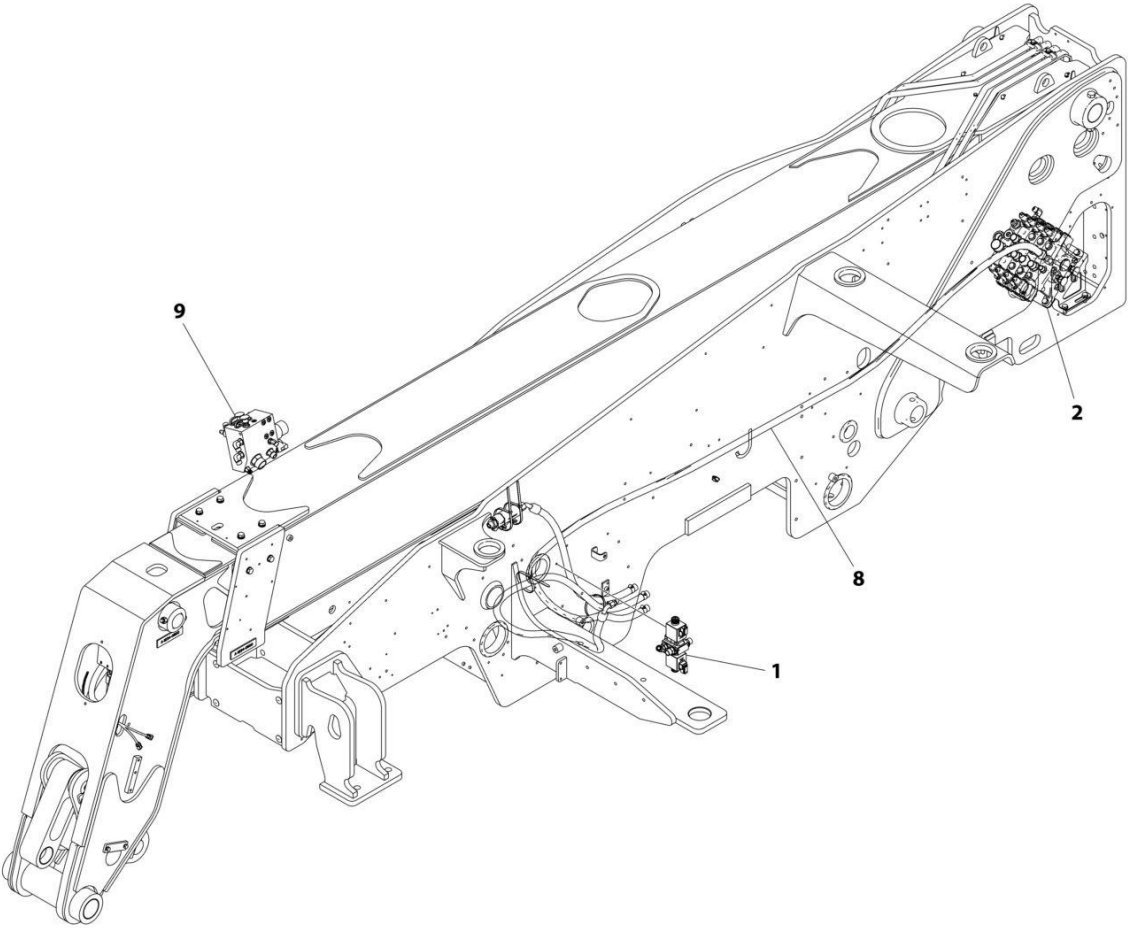
FIGURE 7-18. WIPER-TURN SWITCH (NO SPEED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181928	Ref	Wiper-Turn Switch (No Speed)	D
2	1001146949	1	Clamp	
3	1001214280	1	Switch, Turn-Wiper	

SECTION 8 - HYDRAULIC CIRCUITS

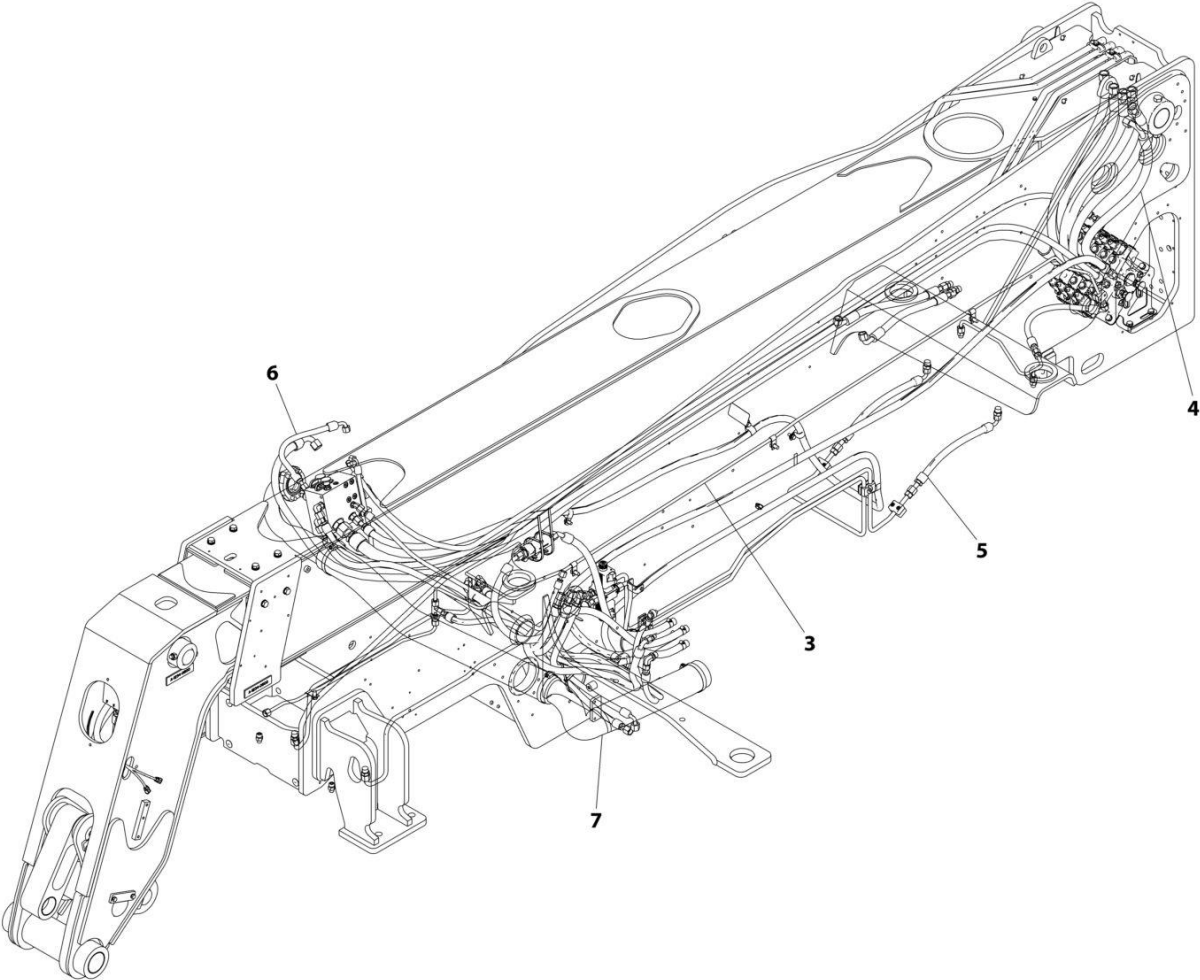
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. COMMON HYDRAULICS INSTALLATION



ART_1001256609_F_1OF2

SECTION 8 - HYDRAULIC CIRCUITS



ART_1001256609_F_20F2

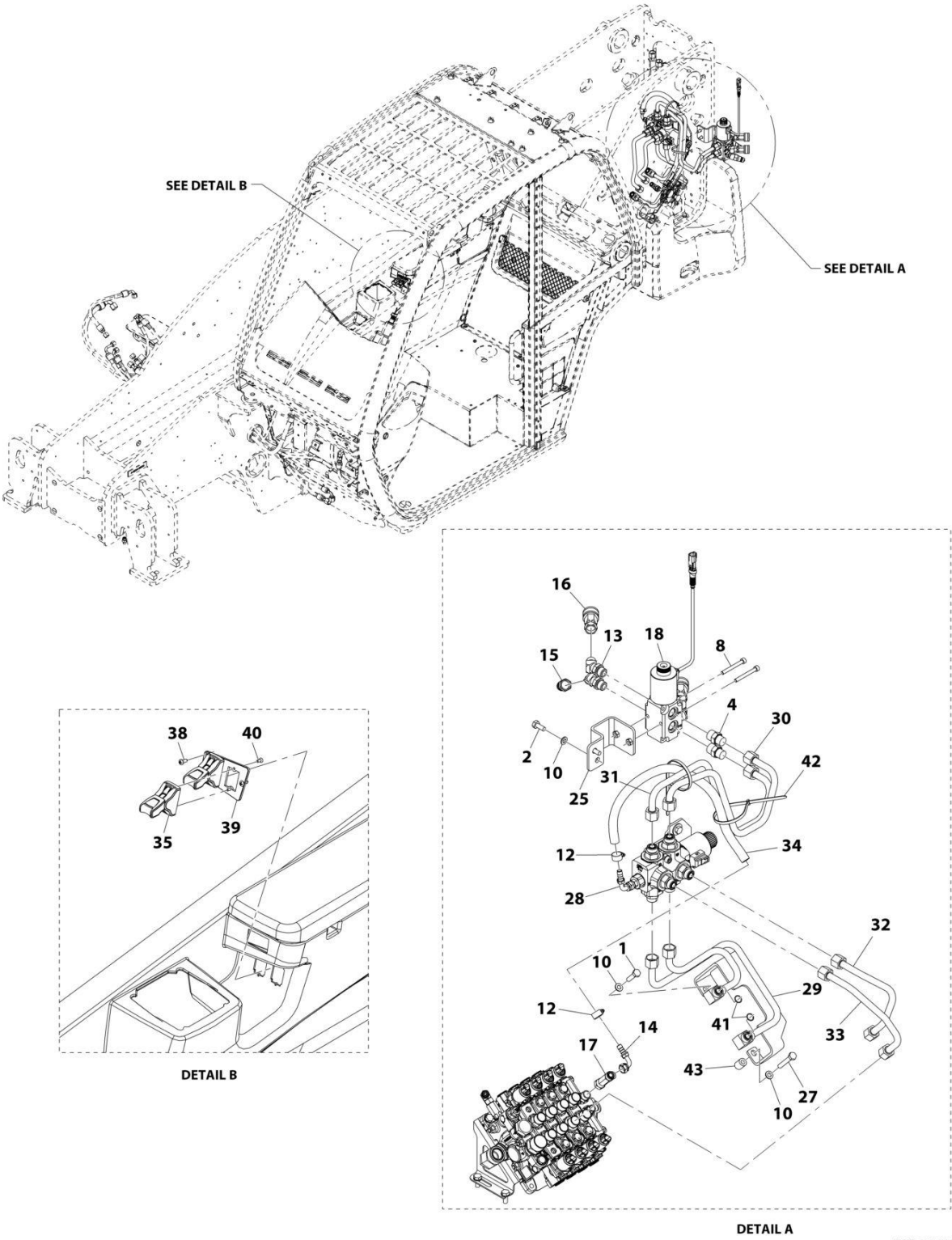
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. COMMON HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256609	Ref	HYDRAULICS INSTALLATION	F
1	1001172894	1	Installation, Steer Valve (See Separate Breakdown in this Section)	
2	1001172900	1	Installation, Main Control Valve (See Separate Breakdown in this Section)	
3	1001172909	1	Installation, Brake Lines (See Separate Breakdown in this Section)	
4	1001173013	1	Installation, Boom Lines (See Separate Breakdown in this Section)	
5	1001180134	1	Installation, Steering Lines (See Separate Breakdown in this Section)	
6	1001269407	1	Installation, Priority Lines (See Separate Breakdown in this Section)	
7	1001184531	1	Installation, Suction Lines (See Separate Breakdown in this Section)	
8	1001185351	1	Installation, Return Lines (See Separate Breakdown in this Section)	
9	1001269021	1	Installation, Priority Valve (See Separate Breakdown in this Section)	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-2. AUXILIARY HYDRAULICS INSTALLATION - REAR (TWIN)



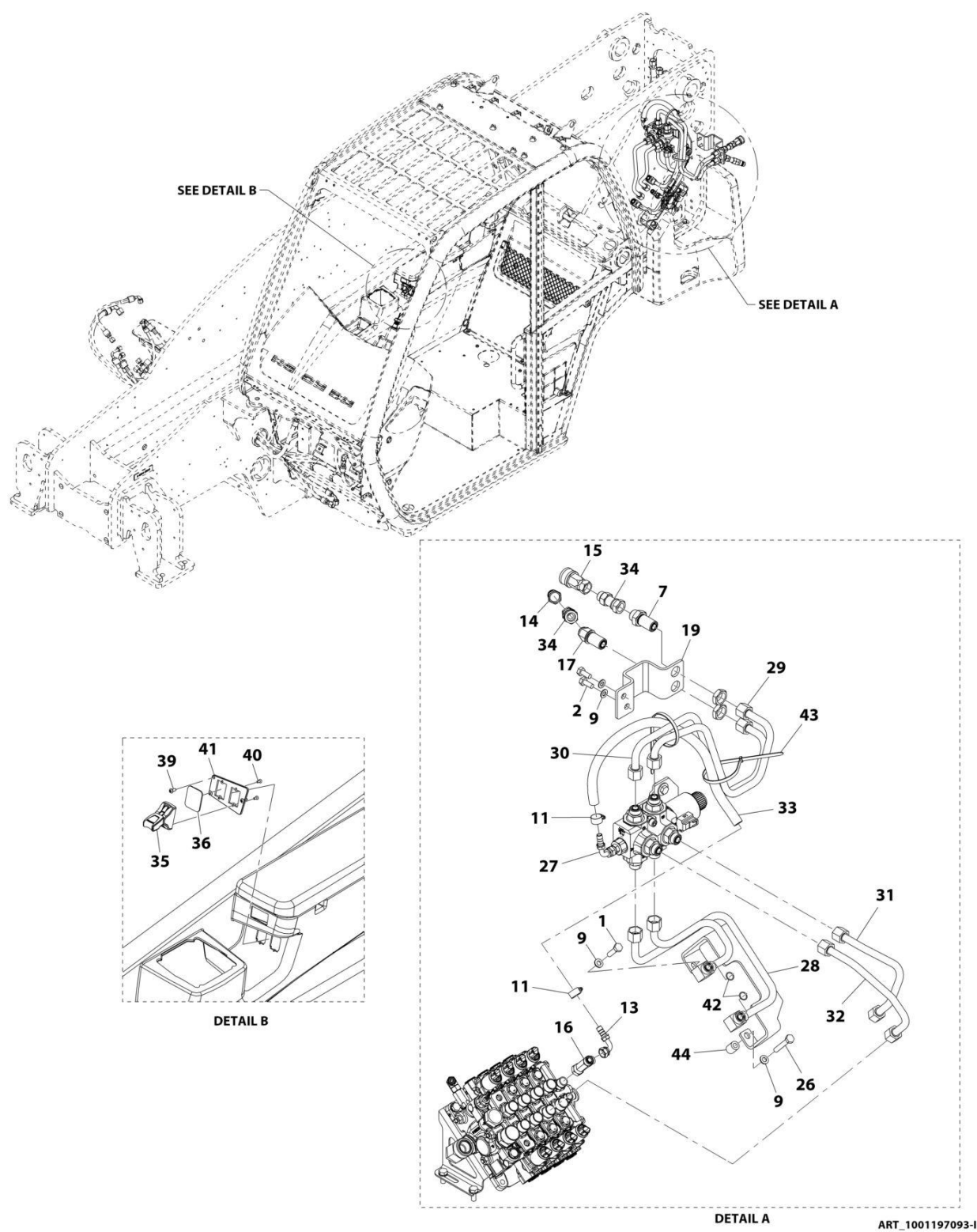
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-2. AUXILIARY HYDRAULICS INSTALLATION - REAR (TWIN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197090	Ref	Rear Aux Hydraulics Installation (Twin)	I
1	0701016	1	Bolt, M10X40	
2	0761012	2	Bolt, M10X25	
4	2111010	2	Fitting, Straight ORFS	
8	4031918	2	Bolt, M8X70	
10	4812000	4	Washer, M10	
12	8405006	2	Clamp	
13	1001005904	4	Fitting, 45	
14	1001095301	1	Fitting, 90 ORFS	
15	1001101041	2	Coupling, Male Quick Disconnect	
16	1001101042	2	Coupling, Female Quick Disconnect	
17	1001104646	1	Fitting, Tee ORFS	
18	1001110023	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
25	1001213871	1	Bracket	
27	0701021	1	Bolt, M10X65	
28	1001204420	1	Assembly, Divertor Valve (Hi Flow) (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
29	1001204421	NLA	Pipe (no longer available, use 1001226776 for replacement)	
29	1001226776	1	Pipe	
30	1001213771	NLA	Pipe, ORFS (no longer available, use 1001226101 for replacement)	
30	1001226101	1	Pipe, ORFS	
31	1001213772	1	Pipe, ORFS	
32	1001204427	NLA	Pipe, ORFS (no longer available, use 1001226777 for replacement)	
32	1001226777	1	Pipe, ORFS	
33	1001204428	NLA	Pipe, ORFS (no longer available, use 1001226778 for replacement)	
33	1001226778	1	Pipe, ORFS	
34	1001204437	NLA	Hose (no longer available, use 1001226779 for replacement)	
34	1001226779	1	Hose	
35	1001242098	2	Joystick, Fingertip Control	
38	7029486	1	Screw	
39	1001216163	1	Plate	
40	1001216232	4	Screw	
41	1001008922	2	Seal	
42	1062255	2	Strap, Tie	
43	1001188548	1	Boss	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-3. AUXILIARY HYDRAULICS INSTALLATION - REAR (SINGLE)



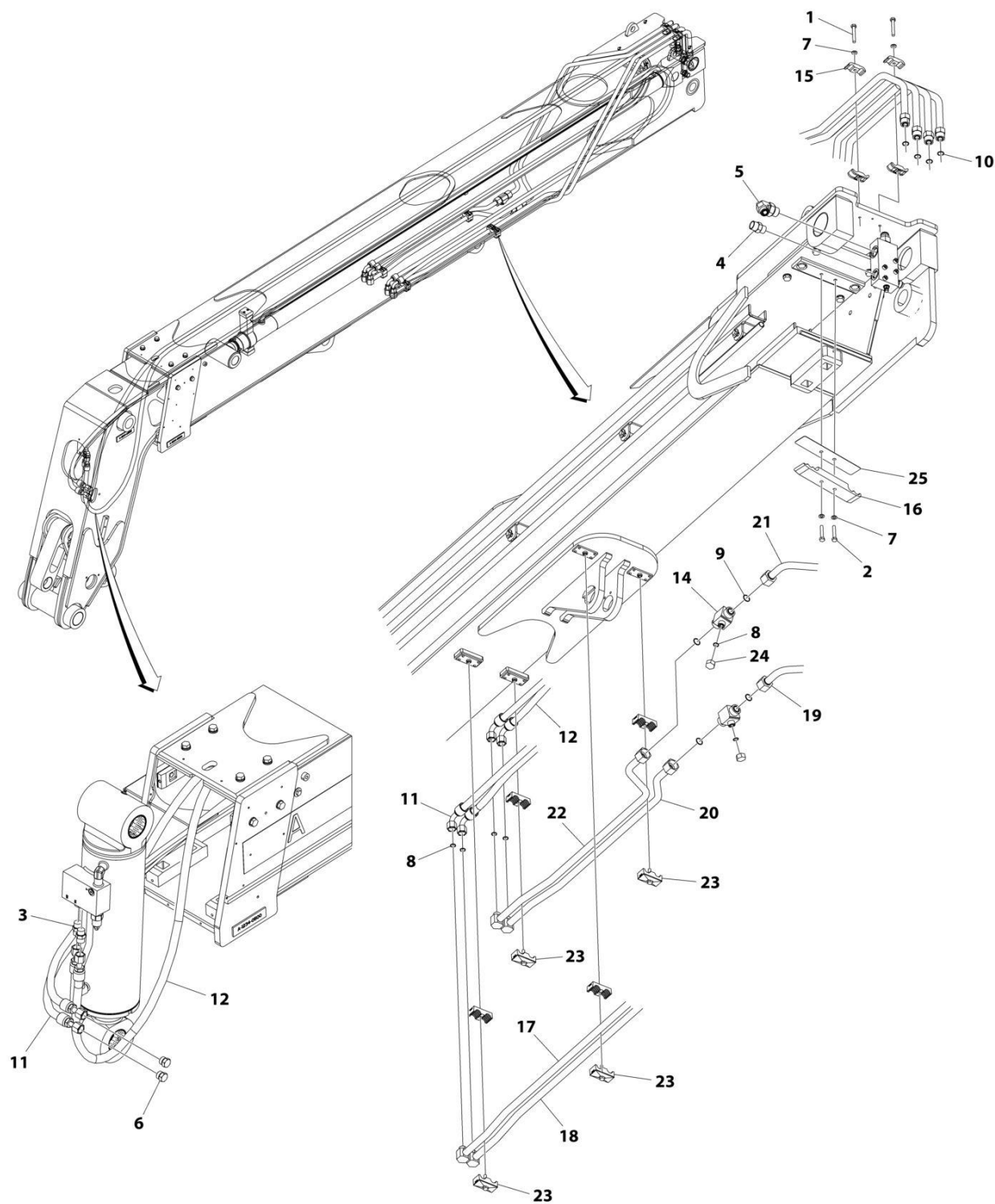
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-3. AUXILIARY HYDRAULICS INSTALLATION - REAR (SINGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197093	Ref	Rear Aux Hydraulics Installation (Single)	I
1	0701016	1	Bolt, M10X40	
2	0761012	2	Bolt, M10X25	
7	2171110	1	Fitting, Straight ORFS	
9	4812000	4	Washer, M10	
11	8405006	2	Clamp	
13	1001095301	1	Fitting, 90 ORFS	
14	1001101041	1	Coupling, Male Quick Disconnect	
15	1001101042	1	Coupling, Female Quick Disconnect	
16	1001104646	1	Fitting, Tee ORFS	
17	2171310	1	Fitting, 45 ORFS	
19	1001213829	1	Bracket	
26	0701021	1	Bolt, M10X65	
27	1001204420	1	Assembly, Divertor Valve (Hi Flow) (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
28	1001204421	NLA	Pipe (no longer available, use 1001226776 for replacement)	
28	1001226776	1	Pipe	
29	1001213771	NLA	Pipe, ORFS (no longer available, use 1001226101 for replacement)	
29	1001226101	1	Pipe, ORFS	
30	1001213772	1	Pipe, ORFS	
31	1001204427	NLA	Pipe, ORFS (no longer available, use 1001226777 for replacement)	
31	1001226777	1	Pipe, ORFS	
32	1001204428	NLA	Pipe, ORFS (no longer available, use 1001226778 for replacement)	
32	1001226778	1	Pipe, ORFS	
33	1001204437	NLA	Hose (no longer available, use 1001226779 for replacement)	
33	1001226779	1	Hose	
34	1001001556	2	Fitting, Straight ORFS	
35	1001242098	1	Joystick, Fingertip Control	
36	1001214399	1	Cover	
39	7029486	3	Screw	
40	1001216232	2	Screw	
41	1001216163	1	Plate	
42	1001008922	2	Seal	
43	1062255	2	Strap, Tie	
44	1001188548	1	Boss	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-4. BOOM HYDRAULIC INSTALLATION



ART_1001216311

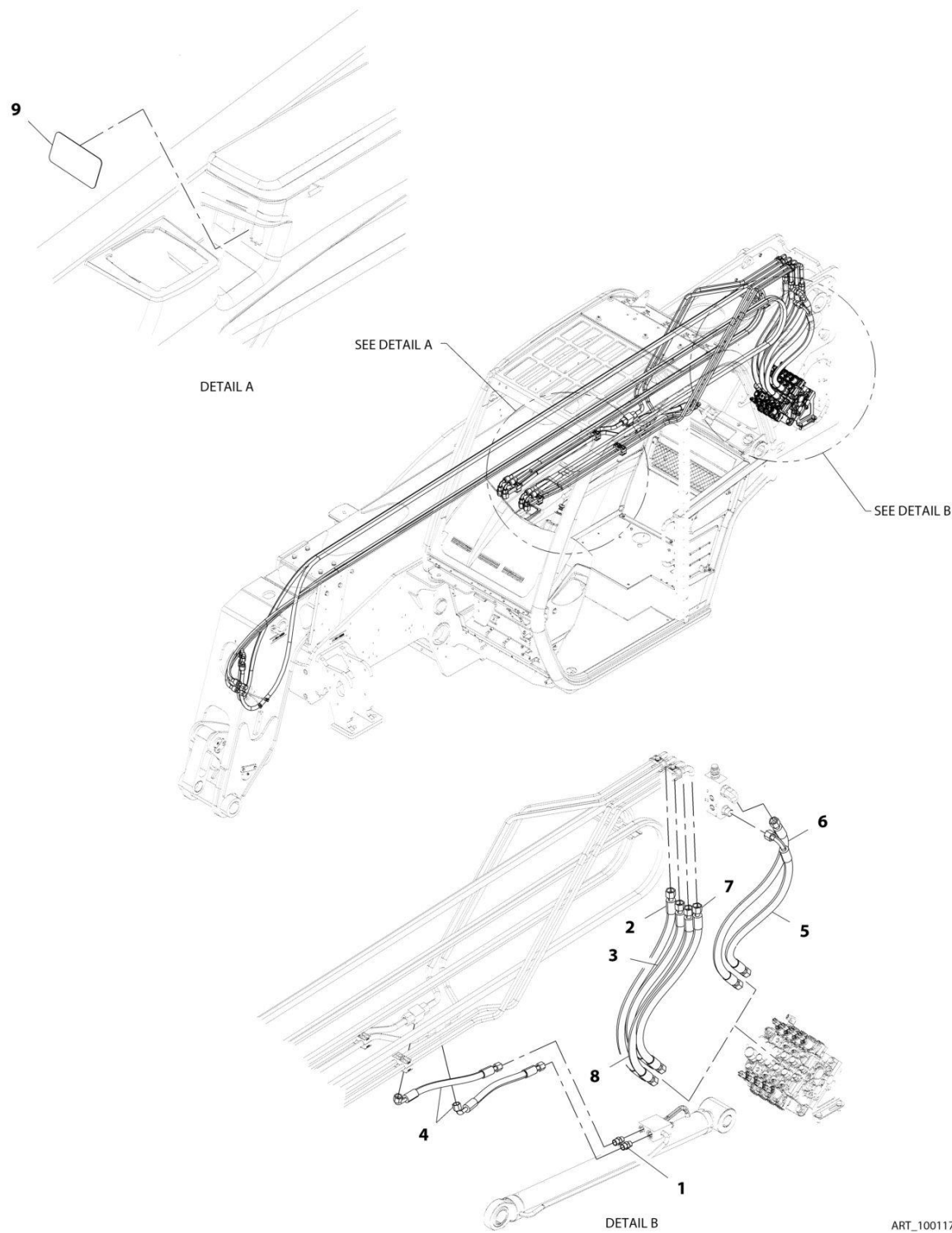
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-4. BOOM HYDRAULIC INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216311	Ref	BOOM HUDRAULIC INSTALLATION	D
1	0700819	2	Bolt M8 x 55	
2	0760815	2	Bolt M8 x 35	
2	0760817	2	Bolt M8 x 45	
3	2110808	2	Fitting, Straight ORFS	
4	2111010	1	Fitting, Straight ORFS	
5	2131012	1	Fitting, 90 ORFS (Prior to SN 0300087631)	
6	2171008	2	Fitting, Straight ORFS	
7	4811900	4	Washer M8	
8	1001008805	6	Seal	
9	1001008863	4	Seal	
10	1001008922	4	Seal	
11	1001178102	1	Hose	
12	1001270595	1	Hose	
14	1001182793	2	Fitting, Tee ORFS	
15	1001213883	2	Clamp	
16	1001213925	1	Clamp (Used without Item 25 Clamping Plate)	
16	1001282197	1	Clamp (Used with Item 25 Clamping Plate)	
17	1001216275	1	Tube	
18	1001216276	1	Pipe	
19	1001216277	1	Pipe	
20	1001216278	1	Pipe	
21	1001216279	1	Pipe	
22	1001216280	1	Pipe	
23	1001216237	4	Kit, Clamp	
24	2170908	2	Fitting, Cap ORFS	
25	1001282247	1	Plate, Clamping	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-5. BOOM LINES INSTALLATION



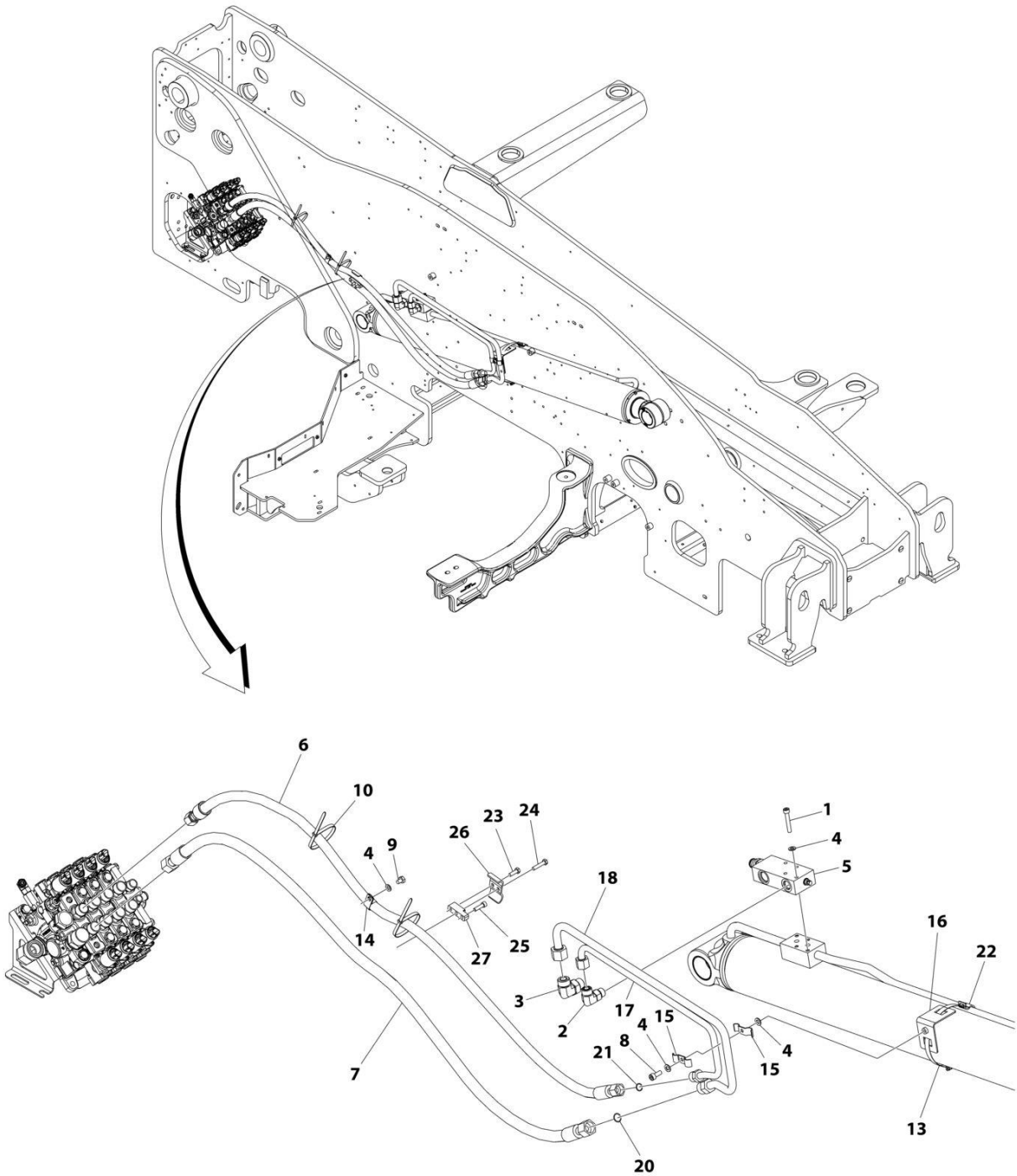
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-5. BOOM LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173013	Ref	Boom Lines Installation	D
1	2110808	2	Fitting, Straight ORFS	
2	1001181562	1	Hose	
3	1001181563	1	Hose	
4	1001181784	2	Hose	
5	1001181568	1	Hose	
6	1001181569	1	Hose	
7	1001181565	1	Hose	
8	1001181564	1	Hose	
9	1670836	1	Cover, Boom	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-6. BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL)



ART_1001179041_I

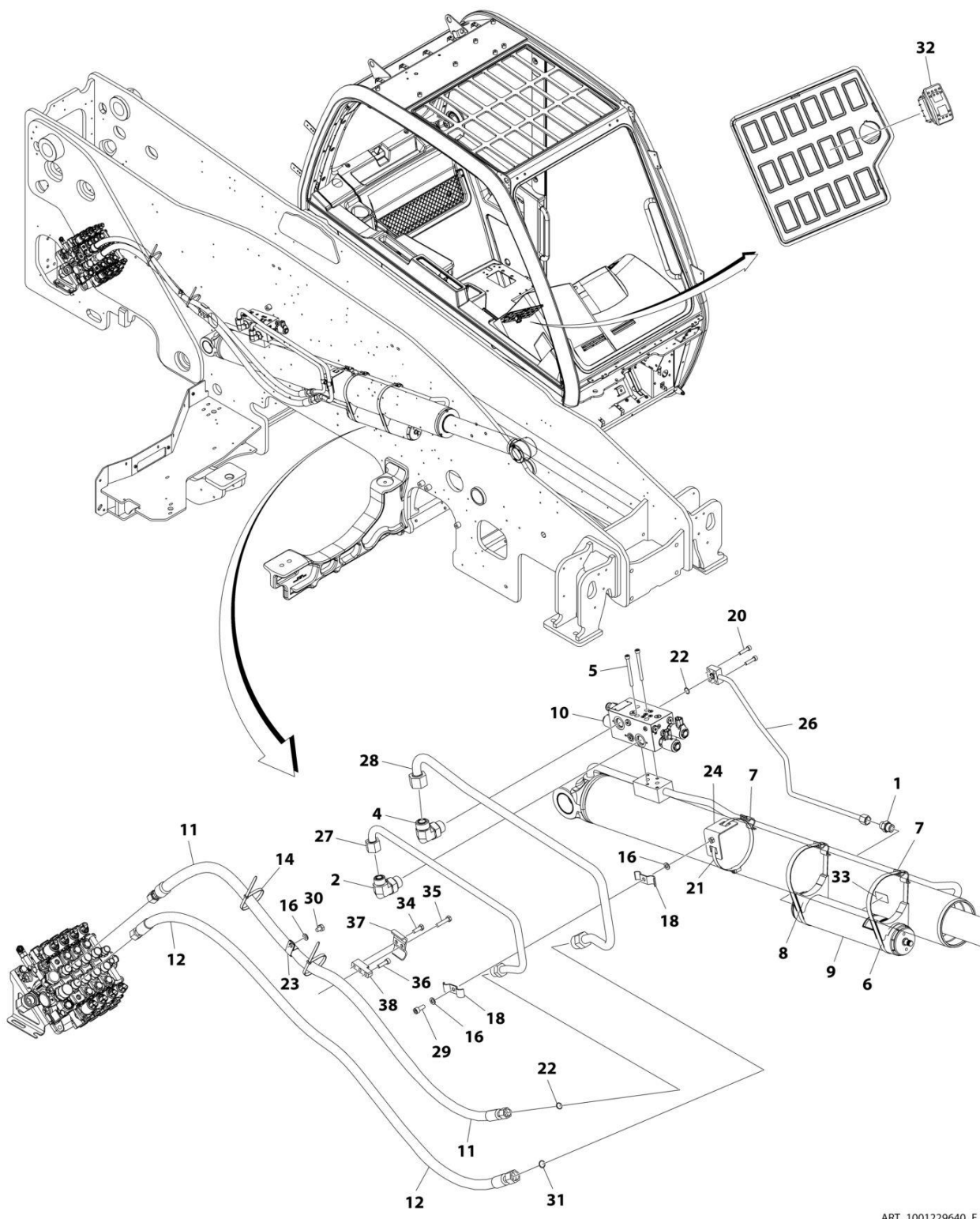
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-6. BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179041	Ref	BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL)	I
1	5271814	4	Bolt M8 x 50	
2	2131010	1	Fitting, 90 ORFS	
3	2131212	1	Fitting, 90 ORFS	
4	4811900	7	Washer M8	
5	1001201245	1	Valve, Counterbalance (Sold as Assembly - No Service Parts Available)	
5	70027600	1	Seal Kit - Mounting (Includes Seals Between Valve & Cylinder)	
6	1001229223	1	Hose, ORFS	
7	1001203922	1	Hose, ORFS	
8	4031908	1	Bolt M8 x 20	
9	0760807	1	Bolt M8 x 14	
10	1062255	2	Strap, Tie	
13	8405502	1	Clamp	
14	8406201	1	Clamp	
15	1001198331	2	Clamp, Twin	
16	1001221665	1	Bracket	
17	1001221659	1	Pipe, ORFS	
18	1001221660	1	Pipe, ORFS	
20	1001008863	1	Seal	
21	1001008922	1	Seal	
22	1001101064	AR	Clip	
23	0760812	1	Bolt M8 x 25	
24	0760816	1	Bolt M8 x 40	
25	4031910	1	Bolt M8 x 30	
26	1001271129	1	Bracket	
27	1001270857	1	Mount, Block	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-7. BOOM RAISE HOSES INSTALLATION (WITH RIDE CONTROL)



ART_1001229640_F

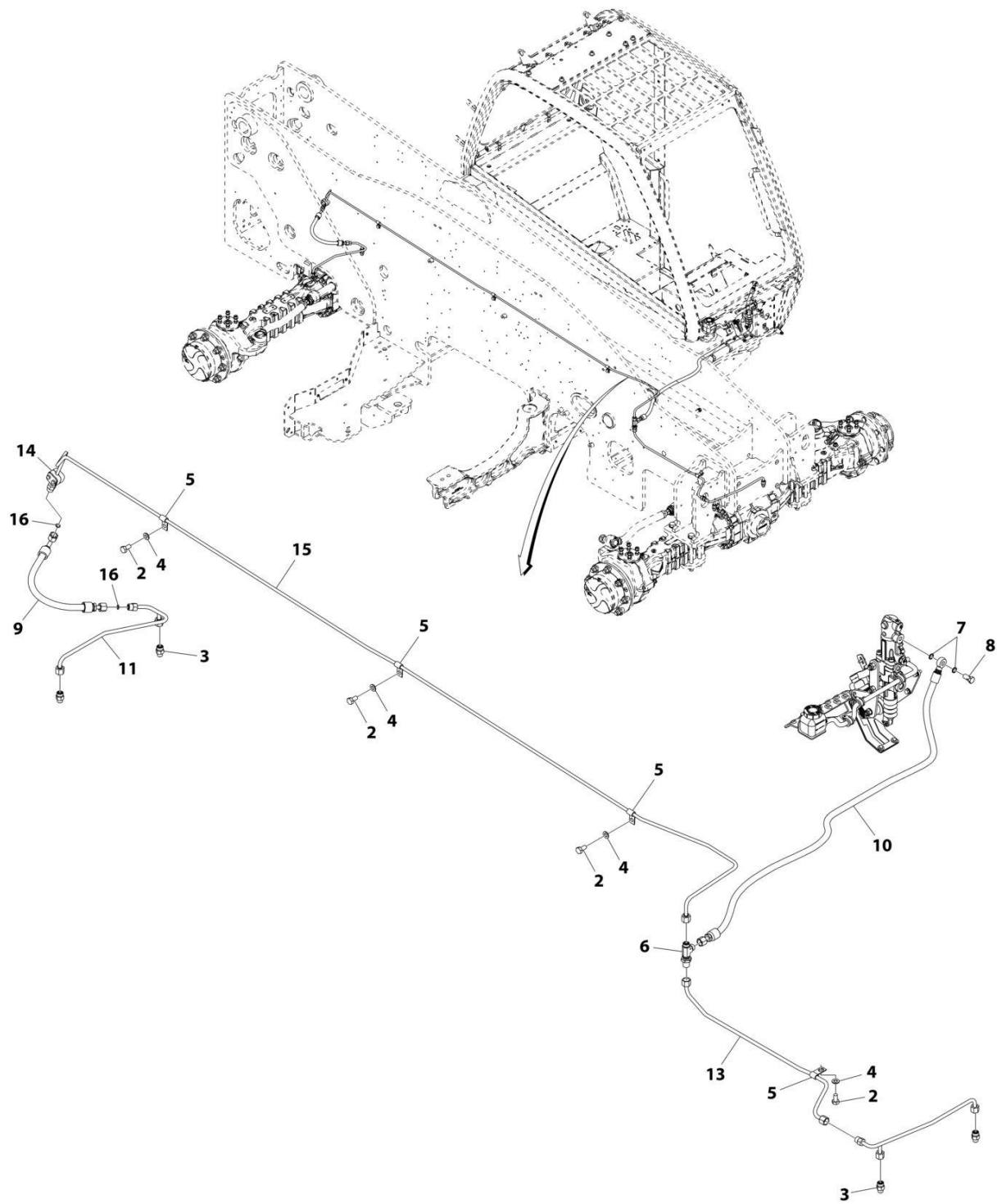
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-7. BOOM RAISE HOSES INSTALLATION (WITH RIDE CONTROL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229640	Ref	BOOM RAISE HOSES INSTALLATION (RIDE CONTROL)	F
1	2110810	1	Fitting, Straight ORFS	
2	2131012	1	Fitting, 90 ORFS	
4	2131212	1	Fitting, 90 ORFS	
5	5271922	4	Bolt M8 x 90	
6	1001101063	2	Clamp	
7	1001101064	AR	Clip	
8	1001208035	2	Bumper	
9	1001229562	1	Cylinder, Piston Accumulator	
10	1001263039	1	Valve, Ride Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
11	1001229223	1	Hose, ORFS	
12	1001203922	1	Hose, ORFS	
14	1062255	2	Strap, Tie	
16	4811900	3	Washer M8	
18	1001198331	2	Clamp, Twin	
20	5271808	4	Screw M8 x 20	
21	8405502	1	Clamp	
22	1001008922	2	Seal	
23	8406201	1	Clamp	
24	1001221665	1	Bracket	
26	1001211452	1	Pipe, ORFS	
27	1001221659	1	Pipe, ORFS	
28	1001229314	1	Pipe	
29	4031908	1	Bolt M8 x 20	
30	0760807	1	Bolt M8 x 14	
31	1001008863	1	Seal	
32	1001159745	1	Switch	
33	1001247708	1	Decal, Stored Energy	
34	0760812	1	Bolt M8 x 25	
35	0760816	1	Bolt M8 x 40	
36	4031910	1	Bolt M8 x 30	
37	1001271129	1	Bracket	
38	1001270857	1	Mount, Block	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-8. BRAKE LINES INSTALLATION



ART_1001172909-E

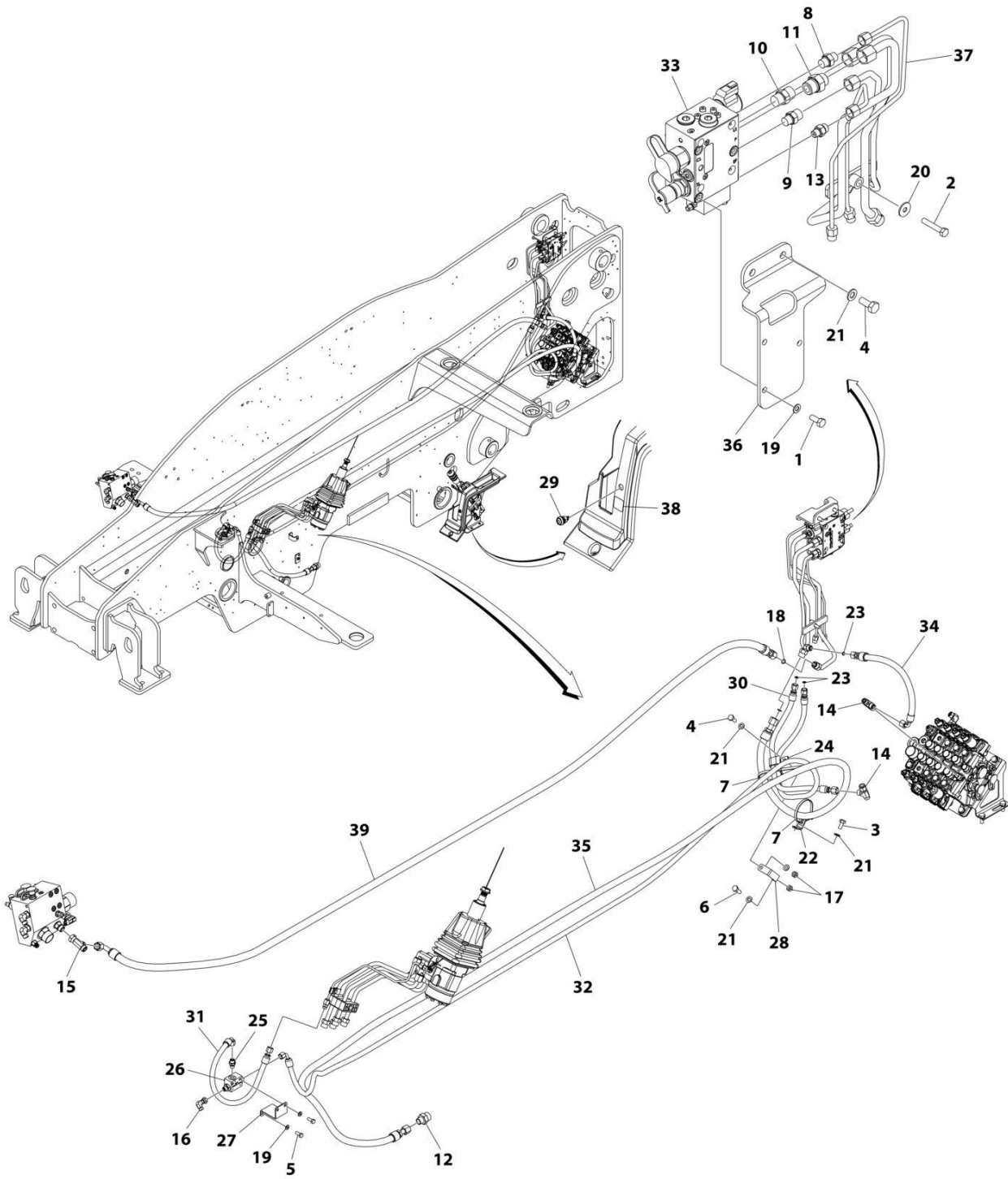
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-8. BRAKE LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172909	Ref	Brake Lines Installation	E
2	0761010	4	Bolt, M10X20	
3	2144605	4	Fitting, Straight ORFS	
4	4812000	4	Washer, M10	
5	1001008773	4	Clip	
6	88662434	1	Fitting, Tee ORFS	
7	1001105639	2	Washer	
8	1001105643	1	Bolt	
9	1001181008	1	Hose, Rear Brake	
10	1001221952	1	Hose, ORFS	
11	1001181016	1	Pipe, ORFS	
13	1001181019	1	Pipe, ORFS	
14	1001181170	1	Clamp	
15	1001221953	1	Pipe, ORFS	
16	1001008804	2	Seal	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-9. BRAKE INSTALLATION – TRAILER



ART_1001269410

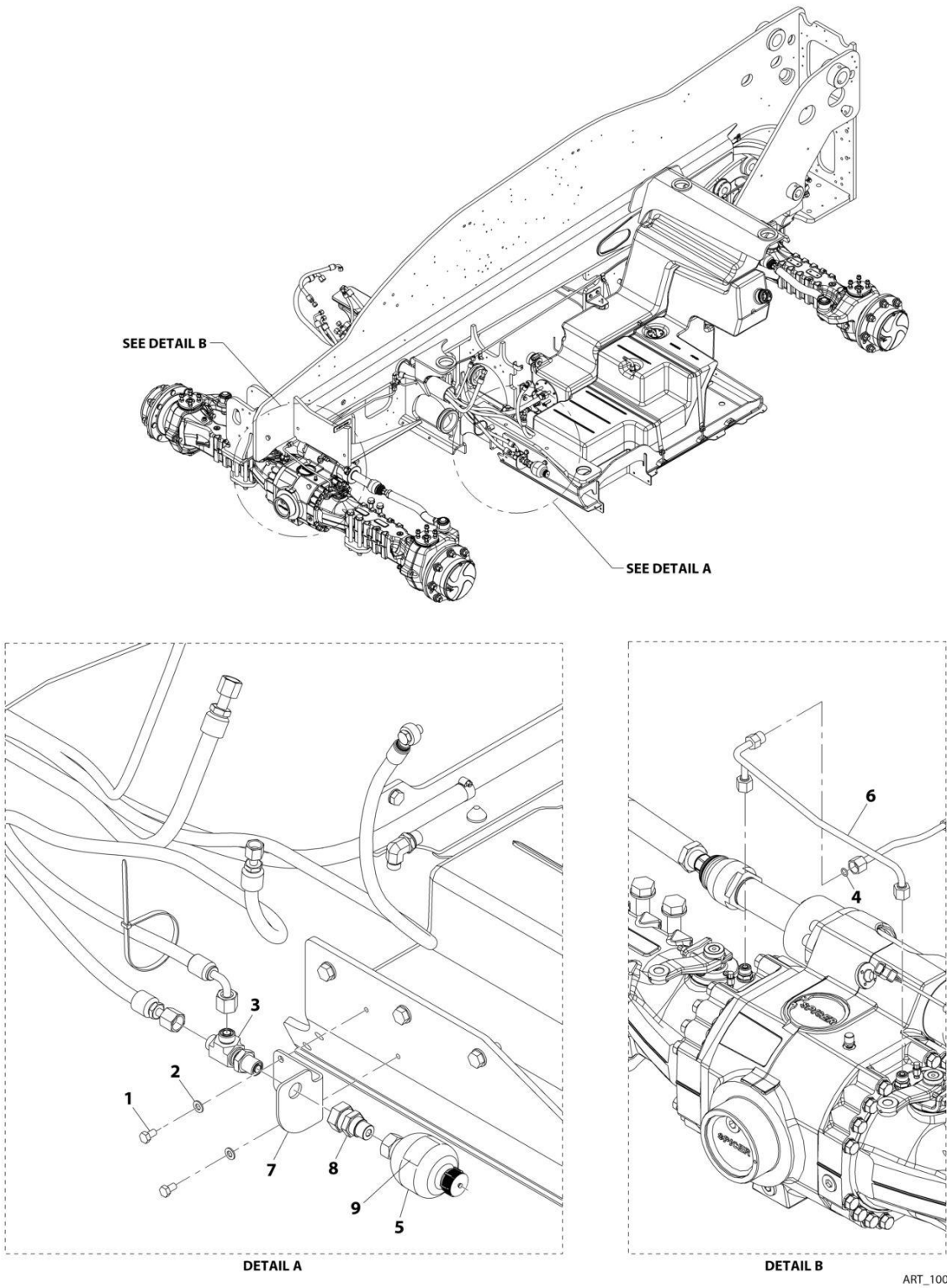
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-9. BRAKE INSTALLATION – TRAILER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269410	Ref	TRAILER BRAKE INSTALLATION	C
1	0700810	3	Bolt M8 x 20	
2	0700817	1	Bolt M8 x 45	
3	0701011	1	Bolt M10 x 22	
4	0701012	3	Bolt M10 x 25	
5	0760810	4	Bolt M8 x 20	
6	0761014	1	Bolt M10 x 30	
7	1062255	2	Strap, Tie	
8	2110406	1	Fitting, Straight ORFS/ORB	
9	2110606	1	Fitting, Straight ORFS/ORB	
10	2110808	1	Fitting, Straight ORFS/ORB	
11	2110810	1	Fitting, Straight ORFS/ORB	
12	2110812	1	Fitting, Straight ORFS/ORB	
13	2144602	1	Fitting, Straight ORFS/ORB	
14	2170706	2	Fitting, Tee ORFS	
15	2170708	1	Fitting, Tee ORFS	
16	2172104	1	Fitting, 90 ORFS	
17	3291001	2	Nut M10 x 1.5, Grade 8	
18	3790013	2	O-Ring	
19	4811900	7	Washer M8	
20	4811902	1	Washer M8	
21	4812000	6	Washer M10	
22	1001003305	1	Clip	
23	1001008586	3	O-Ring	
24	1001008626	1	Clip	
25	1001120501	1	Fitting, Straight ORFS/BSPP	
26	1001151257	1	Valve, Dynamic Select	
27	1001184517	1	Bracket	
28	1001184518	1	Bracket	
29	1001200633	1	Switch, Trailer Brake	
30	1001269720	1	Hose	
31	1001269721	1	Hose	
32	1001269722	1	Hose	
33	1001230194	1	Valve, Trailer Brake (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
34	1001269723	1	Hose	
35	1001269724	1	Hose	
36	1001293727	1	Bracket	
37	1001232651	1	Pipe	
38	1001235451	1	Decal - Trailer Brake	
39	1001204731	1	Hose, ORFS	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-10. BRAKE ACCUMULATOR LINES INSTALLATION (WITHOUT SAHR)



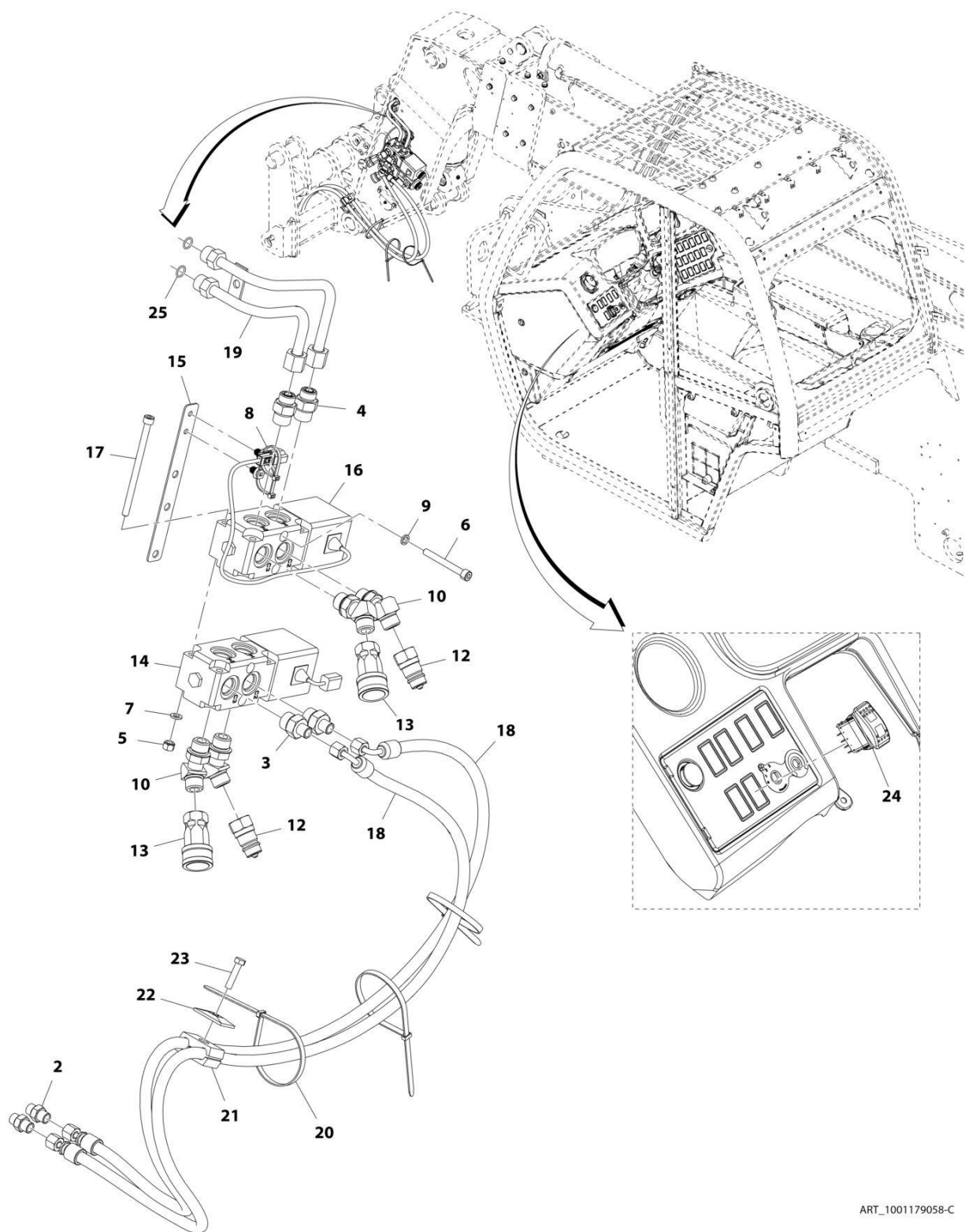
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-10. BRAKE ACCUMULATOR LINES INSTALLATION (WITHOUT SAHR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213031	Ref	Brake Accumulator	C
1	0760807	2	Bolt, M8X14	
2	4811900	2	Washer, M8	
3	8770167	1	Fitting, Tee ORFS	
4	1001008804	1	Seal	
5	1001173418	1	Brake, Damper	
5	1001310831	1	Brake, Damper	
6	1001181017	1	Pipe, ORFS	
7	1001207522	1	Bracket, Accumulator	
8	1001207523	1	Fitting, Straight ORFS	
9	1001237054	1	Decal, Stored Energy	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-11. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - TWIN)



ART_1001179058-C

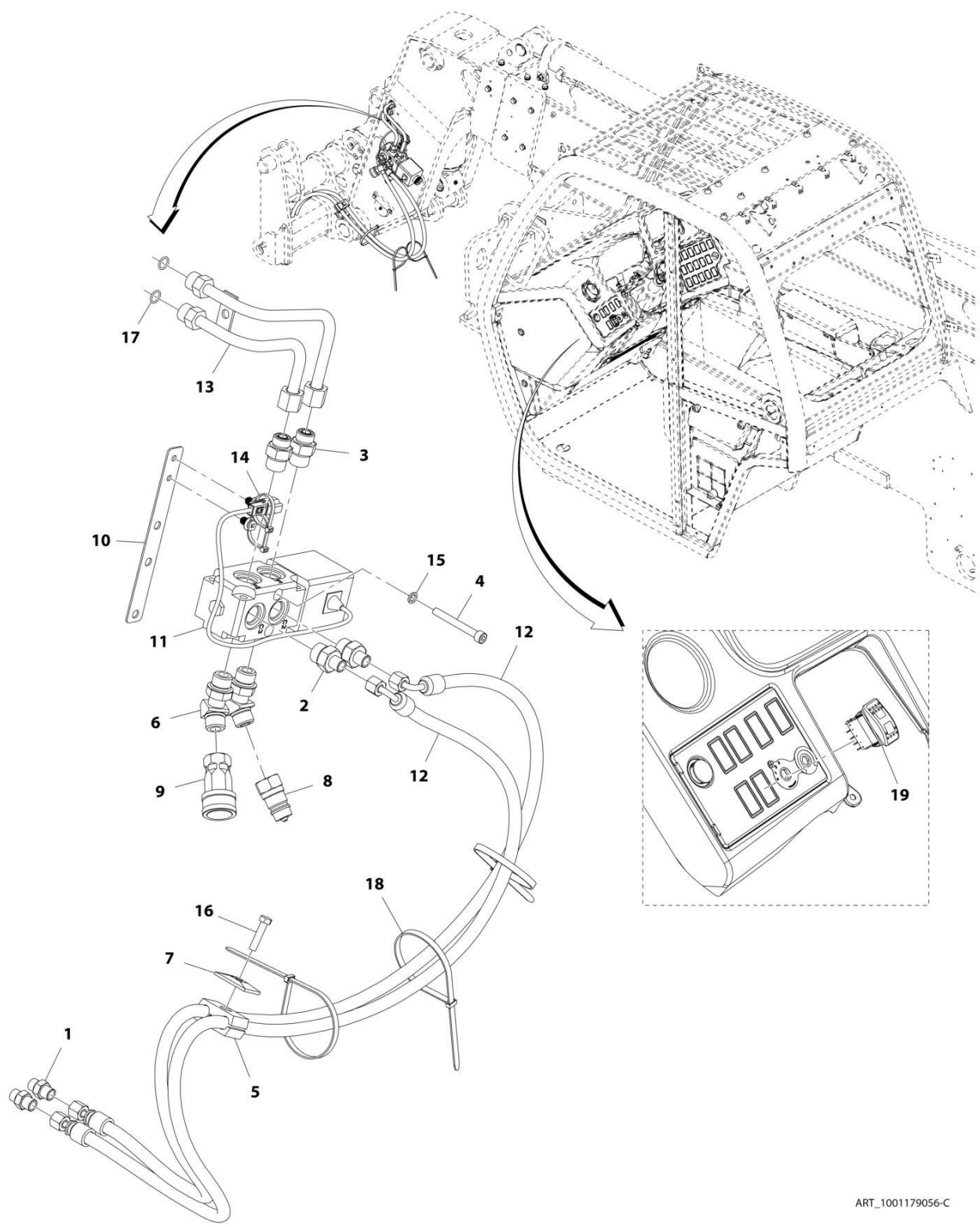
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-11. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - TWIN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179058	Ref	Hydraulic Coupler Lines Installation (Front Boom - Twin)	C
2	2110406	2	Fitting, Straight ORFS	
3	2110410	2	Fitting, Straight ORFS	
4	2110810	2	Fitting, Straight ORFS	
5	3290805	4	Nut, Lock M8X1.25 Grade 8	
6	4031918	2	Bolt, M8X70	
7	4831900	4	Washer, Lock M8	
8	1001146588	2	Strap, Fir Tree Cable Tie	
9	1001005262	2	Washer	
10	1001005904	4	Elbow	
12	1001101041	2	Coupling, Male Quick Disconnect	
13	1001101042	2	Coupling, Female Quick Disconnect	
14	1001104477	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
15	1001108918	1	Plate	
16	1001110023	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
17	1001110115	4	Bolt, M8X100	
18	1001200218	2	Hose, ORFS	
19	1001181161	1	Tube	
20	1062255	3	Strap, Tie	
21	8769124	1	Clamp	
22	77133140	1	Plate, Cover	
23	77133177	1	Bolt, M5/16X1-3/8	
24	1001080375	1	Switch, Quick Switch	
25	1001008805	2	Seal	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-12. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - SINGLE)



ART_1001179056-C

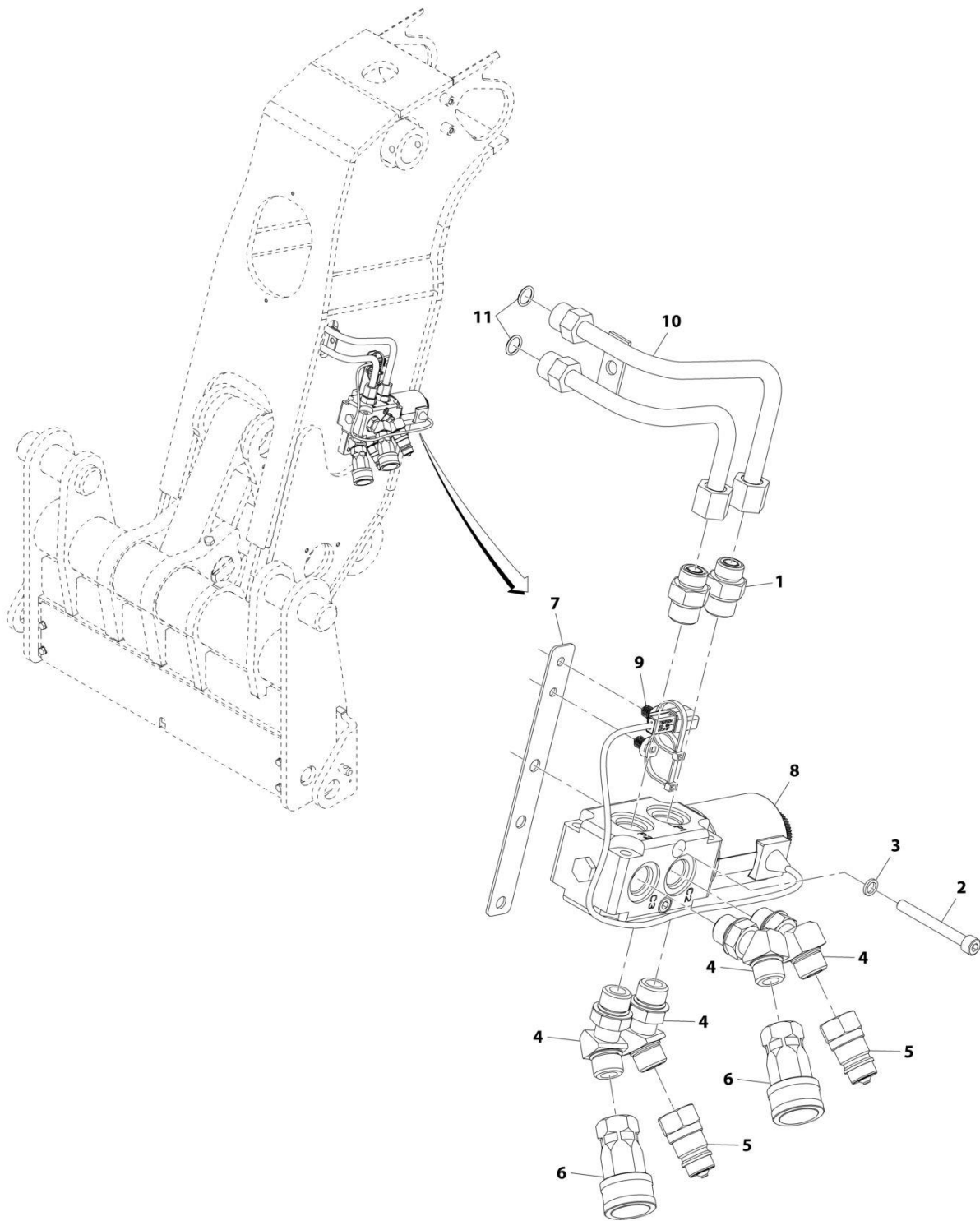
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-12. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - SINGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179056	Ref	Hydraulic Coupler Lines Installation (Front Boom - Single)	C
1	2110406	2	Fitting, Straight ORFS	
2	2110410	2	Fitting, Straight ORFS	
3	2110810	2	Fitting, Straight ORFS	
4	4031918	2	Bolt, M8X70	
5	8769124	1	Clamp	
6	1001005904	2	Elbow	
7	77133140	1	Plate, Cover	
8	1001101041	1	Coupling, Male Quick Disconnect	
9	1001101042	1	Coupling, Female Quick Disconnect	
10	1001108918	1	Plate	
11	1001110023	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
12	1001200218	2	Hose, ORFS	
13	1001181161	1	Tube	
14	1001146588	2	Strap, Fir Tree Cable Tie	
15	1001005262	2	Washer	
16	77133177	1	Bolt, M5/16X1-3/8	
17	1001008805	2	Seal	
18	1062255	3	Strap, Tie	
19	1001080375	1	Switch, Quick Switch	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-13. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - TWIN)



ART_1001201205-B

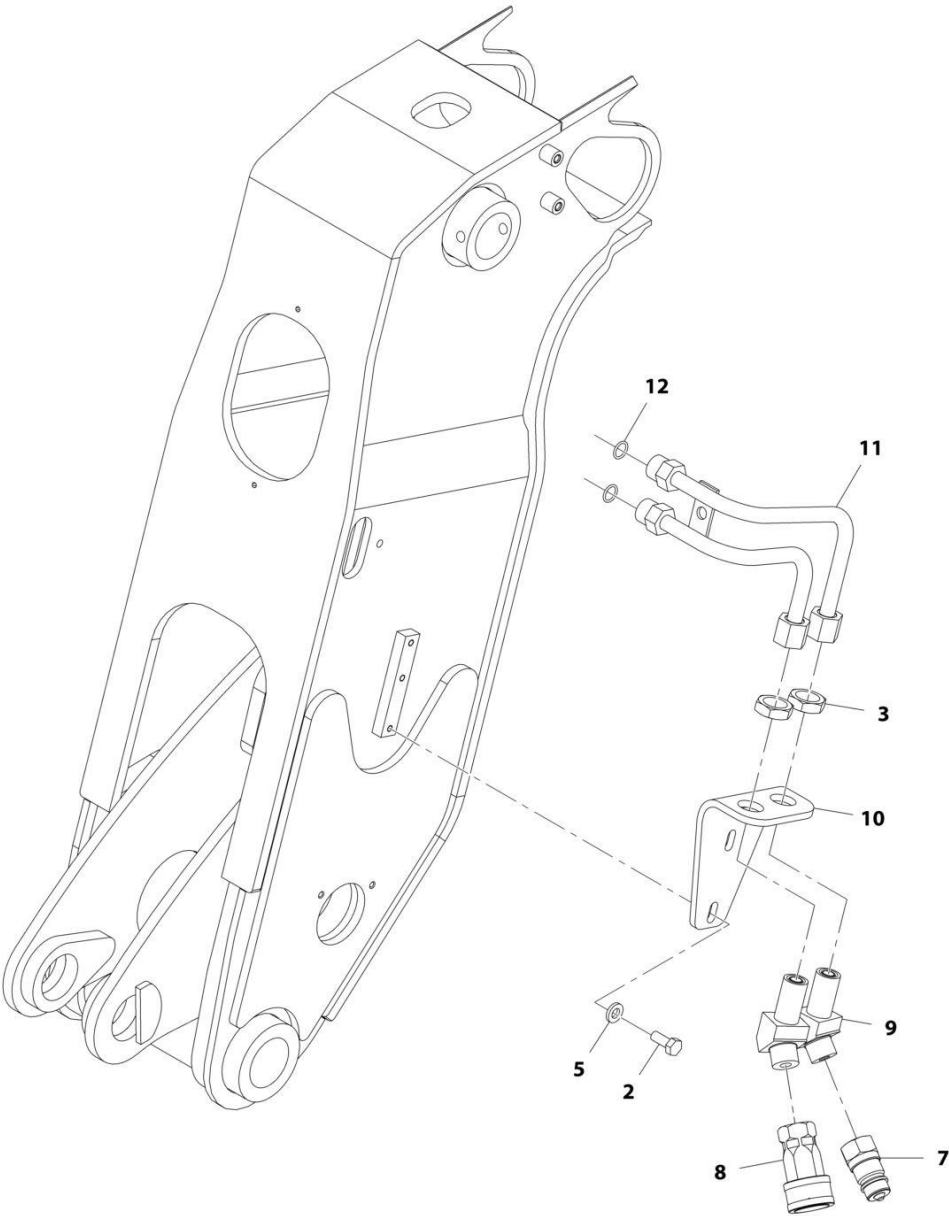
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-13. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - TWIN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201205	Ref	Manual Coupler Lines Installation (Front Boom - Twin)	B
1	2110810	2	Fitting, Straight ORFS	
2	4031918	2	Bolt, M8X70	
3	1001005262	2	Washer	
4	1001005904	4	Fitting, 45	
5	1001101041	2	Adapter, Male Quick Disconnect	
6	1001101042	2	Adapter, Female Quick Disconnect	
7	1001108918	1	Plate	
8	1001110023	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
9	1001146588	2	Strap, Cable	
10	1001181161	1	Tube	
11	1001008805	2	Seal	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-14. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - SINGLE)



ART_1001179054-C

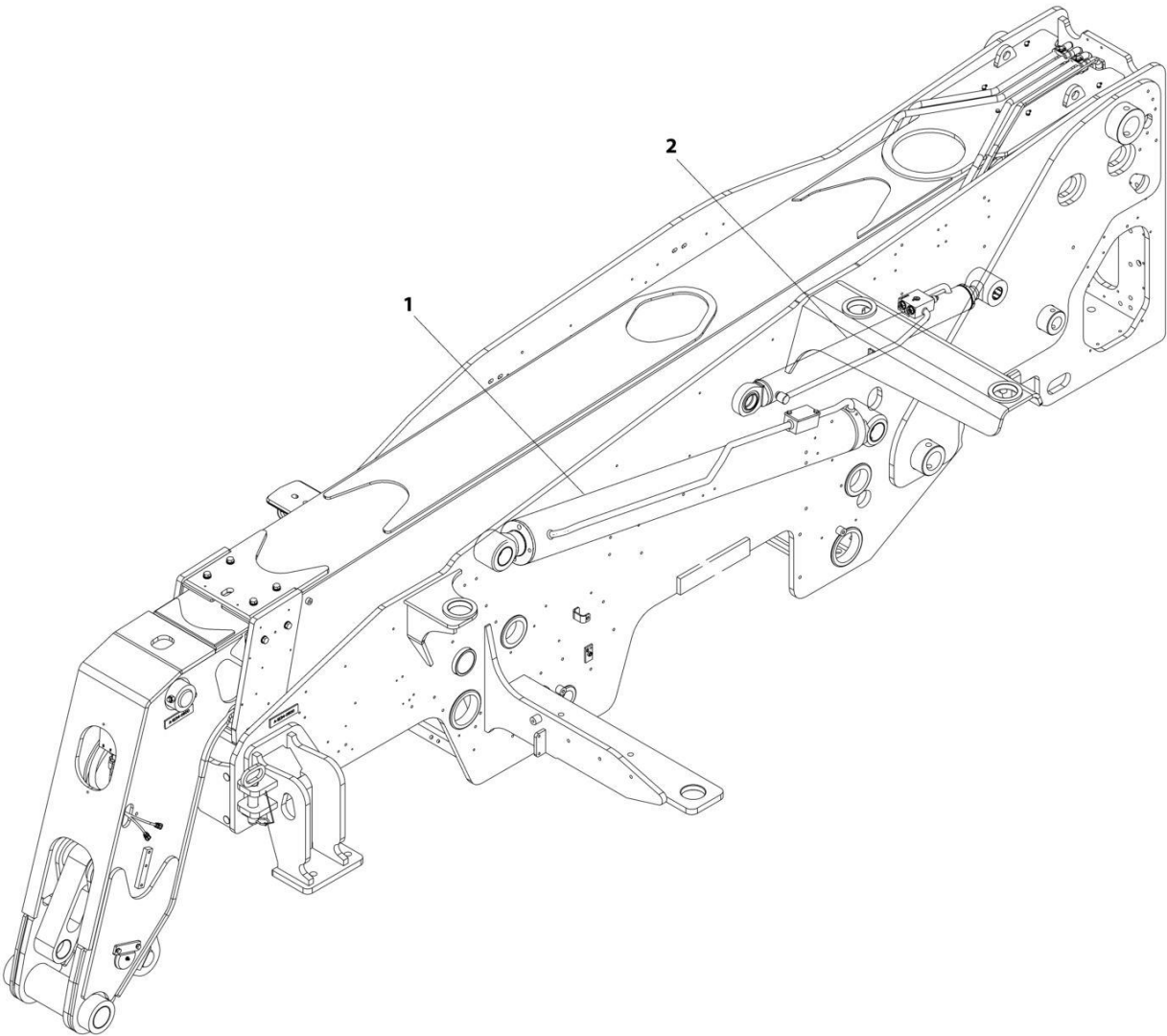
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-14. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - SINGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179054	Ref	Manual Coupler Lines Installation (Front Boom - Single)	C
2	0760810	2	Bolt, M8X20	
3	2172208	2	Nut	
5	5240800	2	Washer, M8	
7	1001101041	1	Adapter, Male Quick Disconnect	
8	1001101042	1	Adapter, Female Quick Disconnect	
9	1001103640	2	Adapter, 45 ORFS	
10	1001202177	1	Plate	
11	1001181161	1	Tube	
12	1001008805	2	Seal	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-15. LIFT CYLINDER INSTALLATION



ART_1001277383

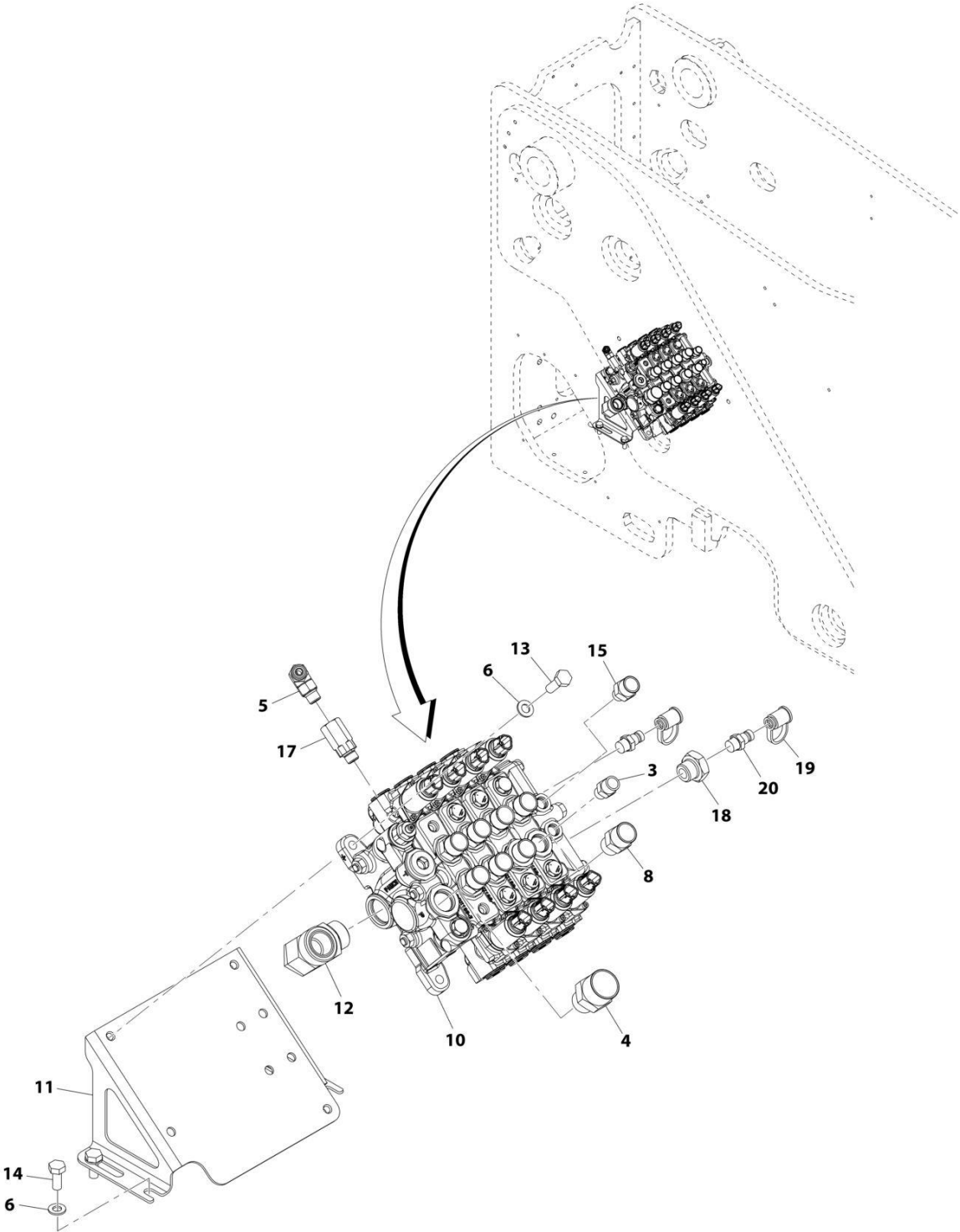
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-15. LIFT CYLINDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001277383	Ref	LIFT CYLINDER INSTALLATION	A
	1001267963	1	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
2	1001274913	1	Compensation Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-16. MAIN CONTROL VALVE INSTALLATION



ART_1001172900-J

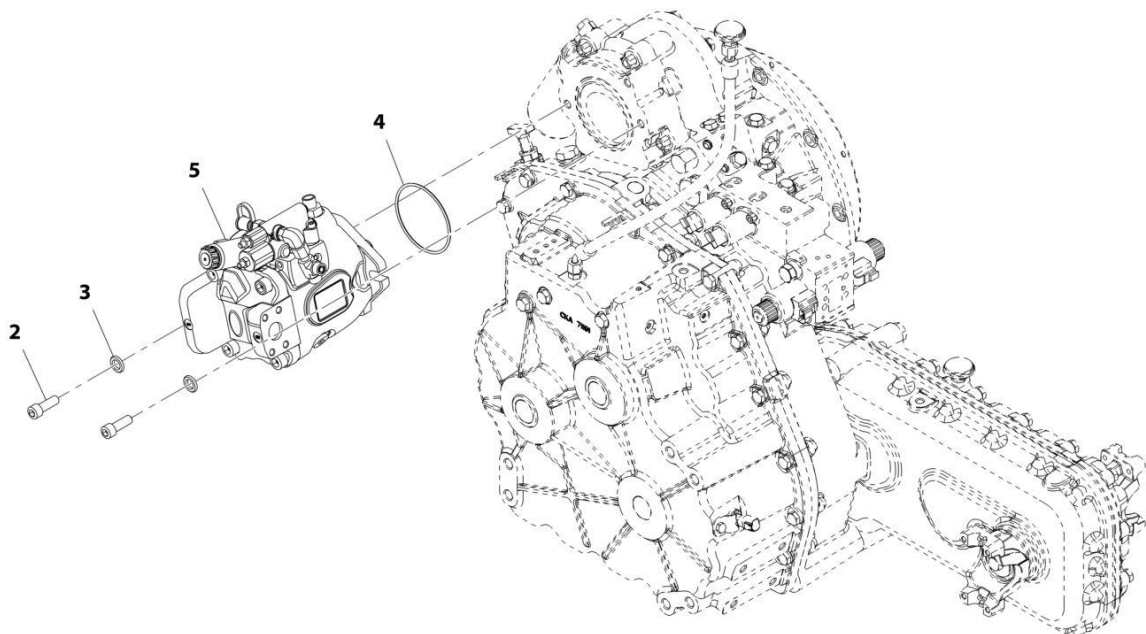
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-16. MAIN CONTROL VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172900	Ref	Main Control Valve Installation	J
3	2110606	1	Fitting, Straight ORFS	
4	2111612	1	Fitting, Straight ORFS	
5	2130606	1	Fitting, 90 ORFS	
6	4812000	7	Washer, M10	
8	2111010	8	Fitting, Straight ORFS	
10	1001241883	1	Valve, Main Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
11	1001182231	1	Bracket	
12	2132016	1	Fitting, 90 ORFS	
13	0701014	3	Bolt, M10X30	
14	0701012	4	Bolt, M10X25	
15	2110806	1	Fitting, Straight ORFS	
17	1001187355	1	Valve, Check	
18	2220221	1	Fitting, Reducer	
19	1001008761	2	Cap	
20	1001003590	2	Fitting, Straight	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-17. MAIN HYDRAULIC PUMP INSTALLATION



ART_1001177863-B

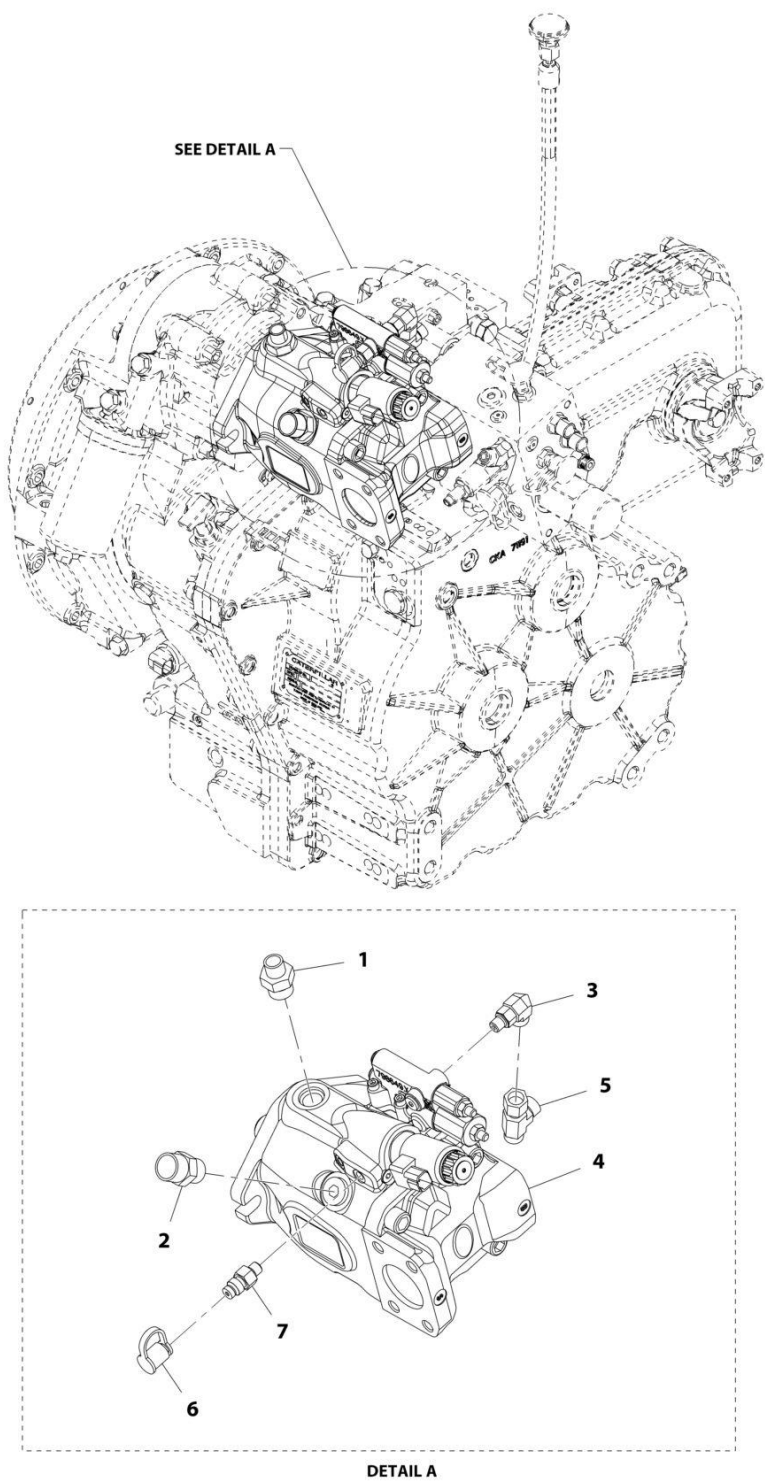
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-17. MAIN HYDRAULIC PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177863	Ref	Main Hydraulic Pump Installation	C
2	0761215	1	Bolt M12X35	
3	4740532	2	Washer M12	
4	1001008450	1	O-Ring	
5	1001183983	Ref	Implement Pump Installation (See Separate Breakdown in this Section)	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-18. IMPLEMENT PUMP INSTALLATION



ART_1001183983-B

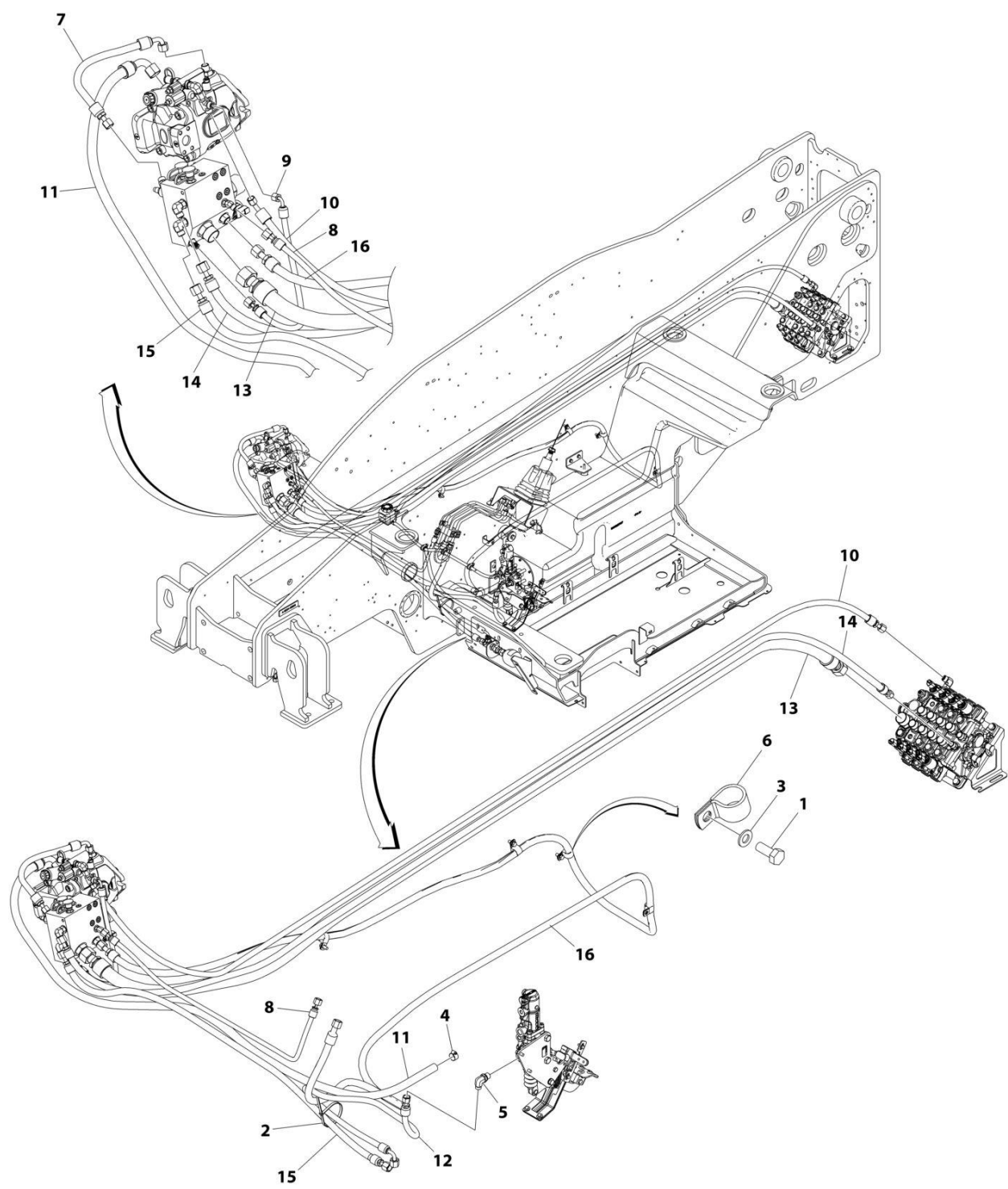
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-18. IMPLEMENT PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183983	Ref	Implement Pump Installation	B
1	2110610	1	Fitting, Straight ORFS	
2	2111010	1	Fitting, Straight ORFS	
3	2130604	1	Fitting, 90 ORFS	
4	1001200815	1	Pump, Implement (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
5	2170706	1	Fitting, Tee ORFS	
6	8430032	1	Plug	
7	8430033	1	Adapter	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-19. PRIORITY LINES INSTALLATION



ART_1001269407

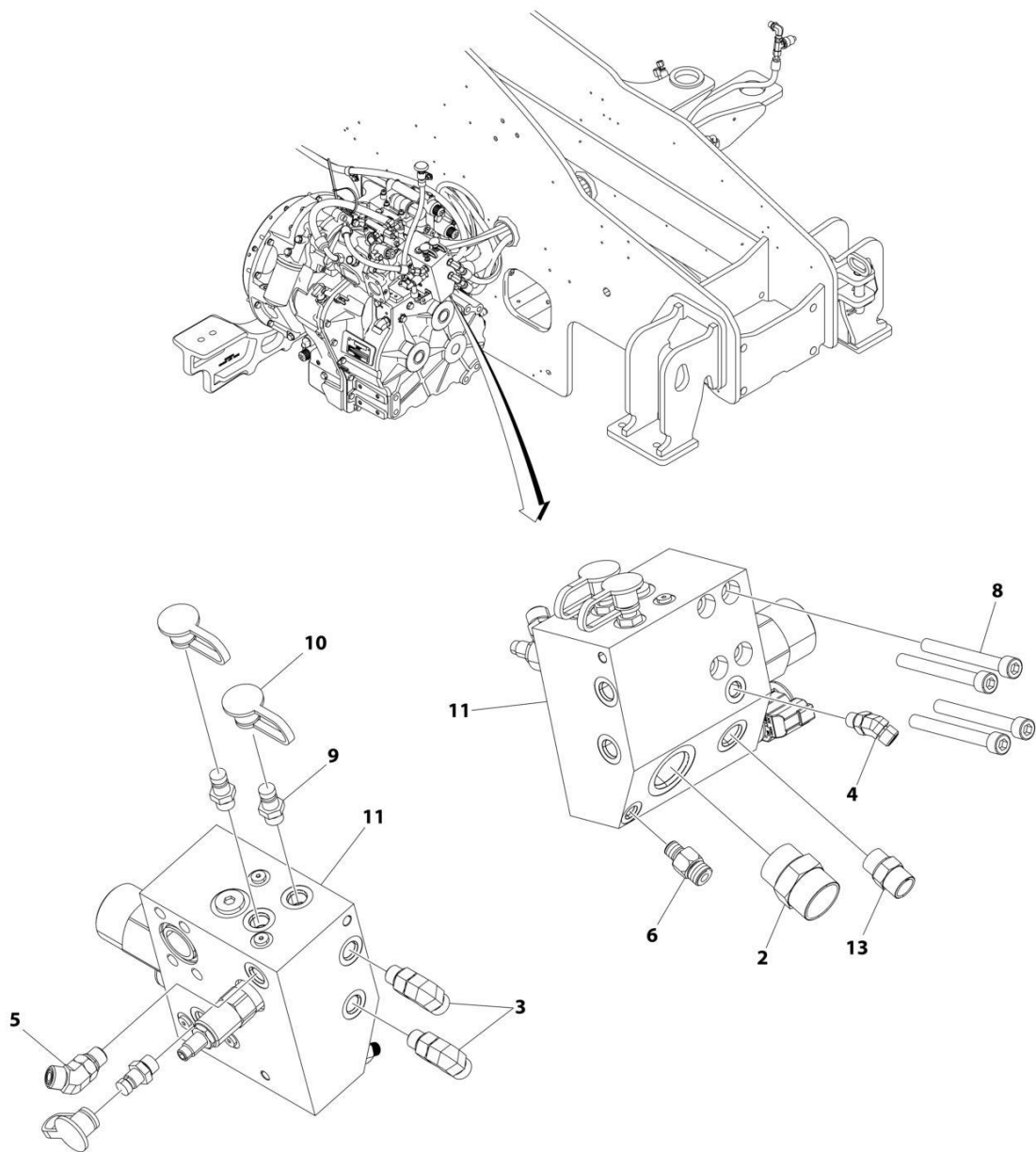
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-19. PRIORITY LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269407	Ref	PRIORITY LINES INSTALLATION	B
1	0760810	3	Bolt M8 x 20	
2	1062255	1	Tie-strap	
3	4811900	3	Washer M8	
4	8405006	1	Clamp	
5	80333151	1	Fitting, 90 ORFS	
6	8406202	4	Clip	
7	1001180850	1	Hose	
8	1001180855	1	Hose	
9	1001221027	1	Hose, ORFS	
10	1001196002	1	Hose, ORFS	
11	1001196723	1	Hose, ORFS	
12	1001207525	1	Hose, ORFS	
13	1001221020	1	Hose, ORFS	
14	1001261091	1	Hose, ORFS	
15	1001261092	1	Hose, ORFS	
16	1001269411	1	Hose	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-20. PRIORITY VALVE INSTALLATION



ART_1001269021

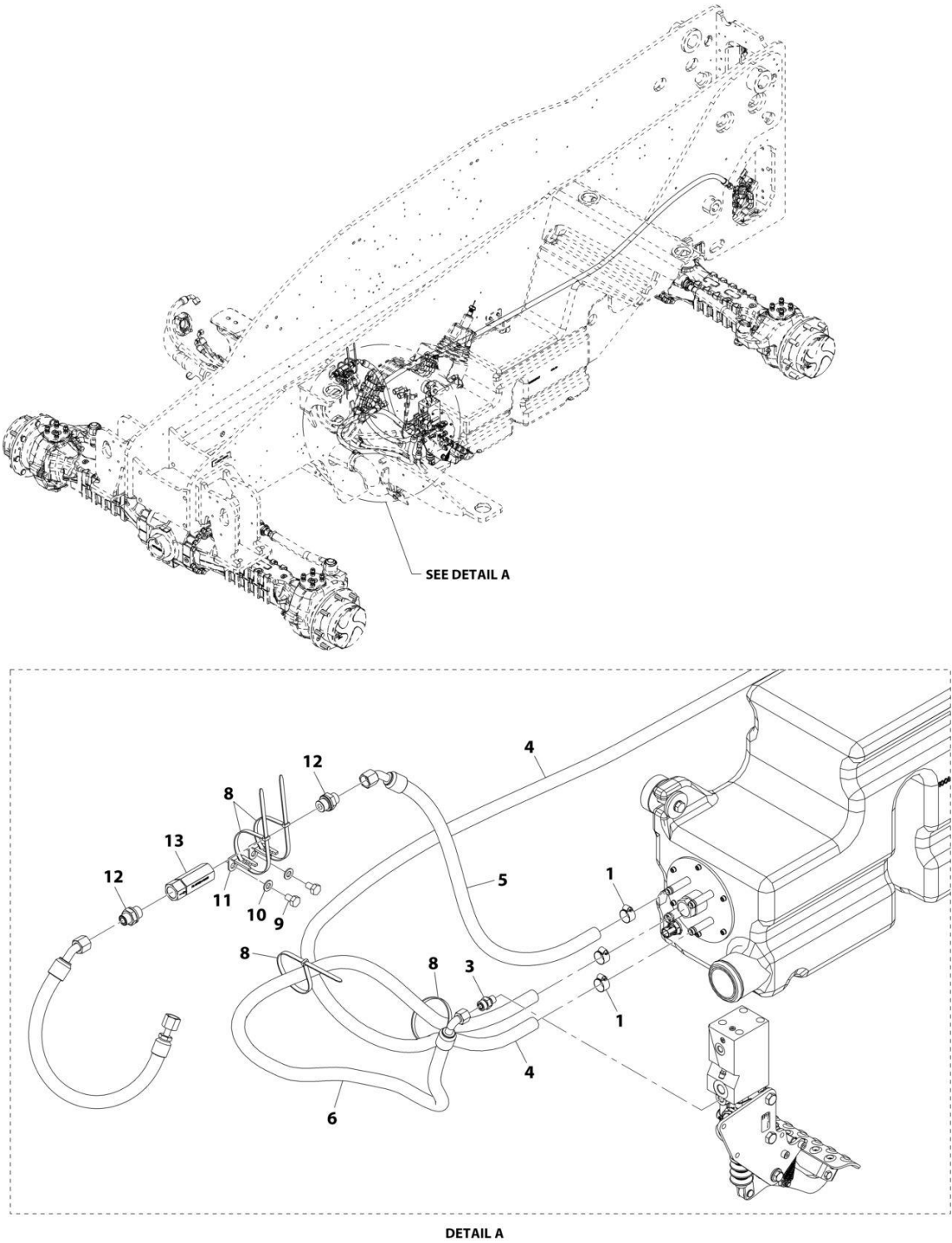
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-20. PRIORITY VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269021	Ref	PRIORITY VALVE INSTALLATION	B
2	2111616	1	Fitting, Straight ORFS	
3	2130606	2	Fitting, 90 ORFS	
4	2150404	1	Fitting, 45 ORFS	
5	2150606	1	Fitting, 45 ORFS	
6	4641237	1	Valve, Check	
8	5272022	4	Screw M10 x 90	
9	1001003590	3	Fitting, Straight	
10	1001008761	3	Cap	
11	1001220639	1	Manifold, Priority Flow (See Separate Breakdown in Hydraulic Components Section)	
13	1001265815	1	Valve, Moms Check	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-21. RETURN LINES INSTALLATION



ART_1001185351-D

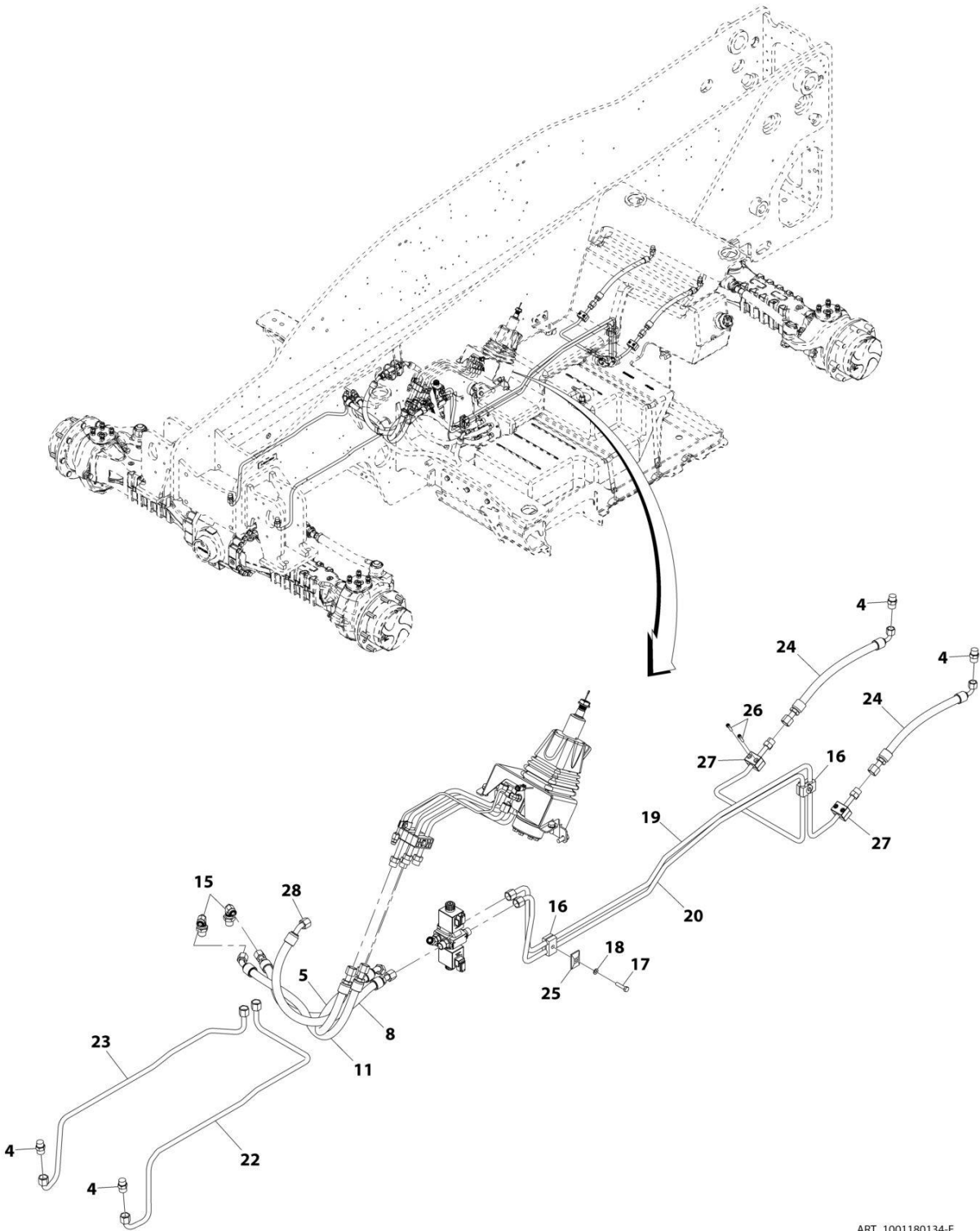
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-21. RETURN LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185351	Ref	Return Lines Installation	D
1	8410009	3	Clamp, Gear	
3	80233218	1	Adapter, Straight ORFS	
4	1001196787	NLA	Hose, ORFS (no longer available, use 1001224143 for replacement)	
4	1001224143	1	Hose, ORFS	
5	1001201943	NLA	Hose, ORFS (no longer available, use 1001224144 for replacement)	
5	1001224144	1	Hose, ORFS	
6	1001196661	1	Hose, ORFS	
8	1062255	4	Strap, Tie	
9	0761008	2	Bolt, M10X16	
10	4812000	2	Washer, M10	
11	1001003305	2	Clip	
12	1001121127	2	Adapter, Straight ORFS	
13	1001224447	NLA	Check Valve (no longer available, use 1001227974 for replacement)	
13	1001227974	1	Check Valve	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-22. STEERING LINES INSTALLATION



ART_1001180134-E

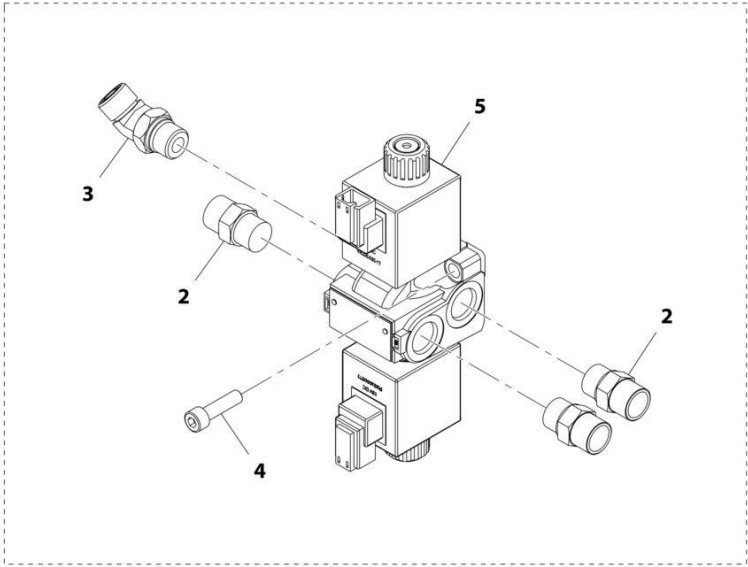
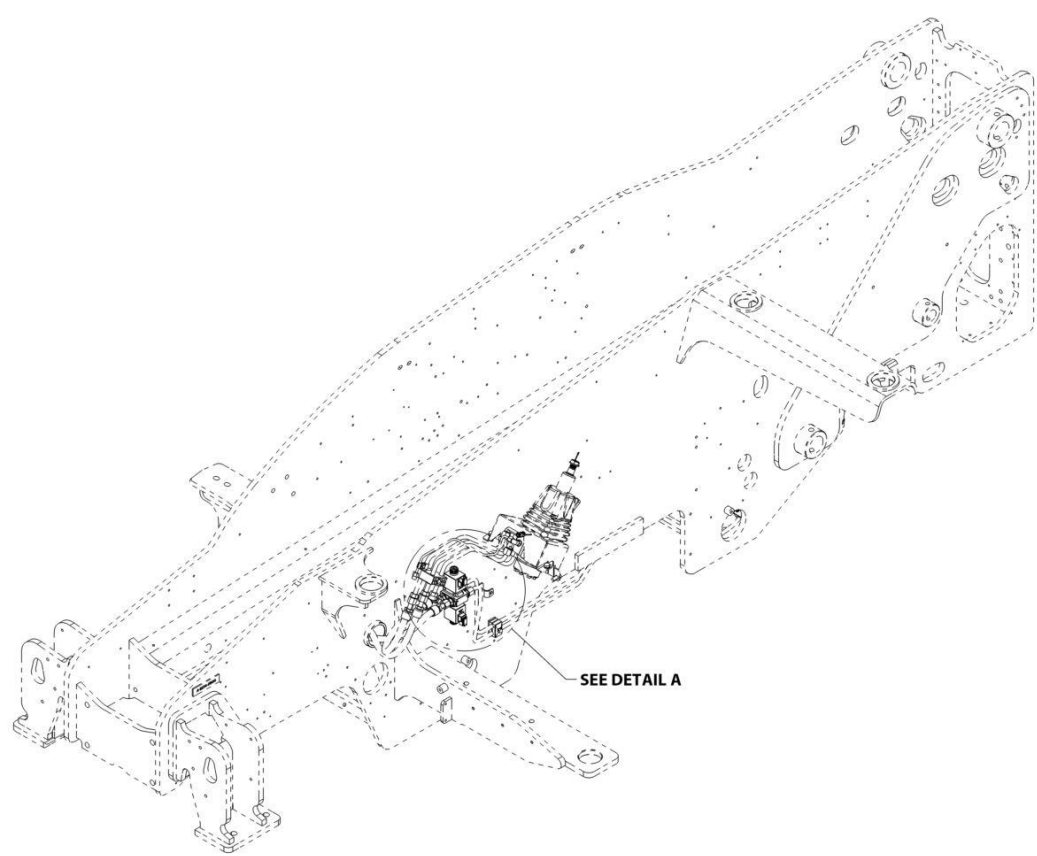
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-22. STEERING LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180134	Ref	Steering Lines Installation	E
4	2110808	4	Fitting, Straight ORFS	
5	1001180810	1	Hose, Steering	
8	1001180809	1	Hose, Steering	
11	1001180811	1	Hose, Steering	
15	2171208	2	Adapter, ORFS	
16	77133168	2	Clamp	
17	0700815	2	Bolt, M8X35	
18	4811900	2	Washer, M8	
19	1001195741	1	Pipe, ORFS	
20	1001195742	1	Pipe, ORFS	
22	1001193515	1	Pipe, ORFS	
23	1001193514	NLA	Pipe, ORFS (no longer available, use 1001225423 for replacement)	
23	1001225423	1	Pipe, ORFS	
24	1001193513	2	Hose, ORFS	
25	77133140	2	Plate, Cover	
26	4031709	4	Bolt, M6X25	
27	1001104934	2	Clamp	
28	1001224476	1	Hose Assy, ORFS	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-23. STEER SELECT VALVE INSTALLATION



DETAIL A

ART_1001172894-B

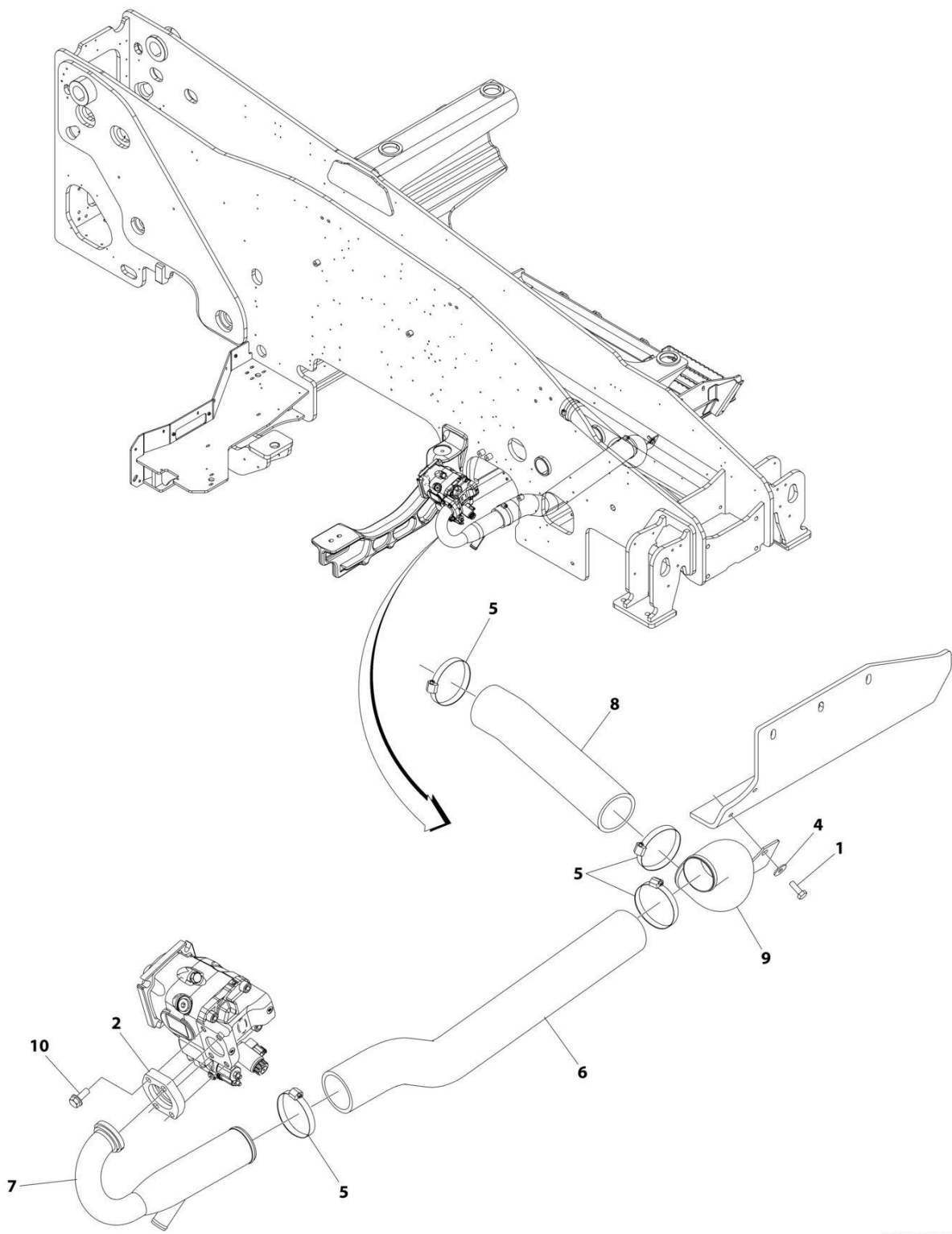
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-23. STEER SELECT VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172894	Ref	Steer Select Valve Installation	B
2	2110808	3	Fitting, Straight ORFS	
3	2150808	1	Fitting, 45 ORFS	
4	4031910	2	Screw, M8X30	
5	1001153748	1	Valve, Steering Select (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-24. SUCTION LINES INSTALLATION



ART_1001184531

SECTION 8 - HYDRAULIC CIRCUITS

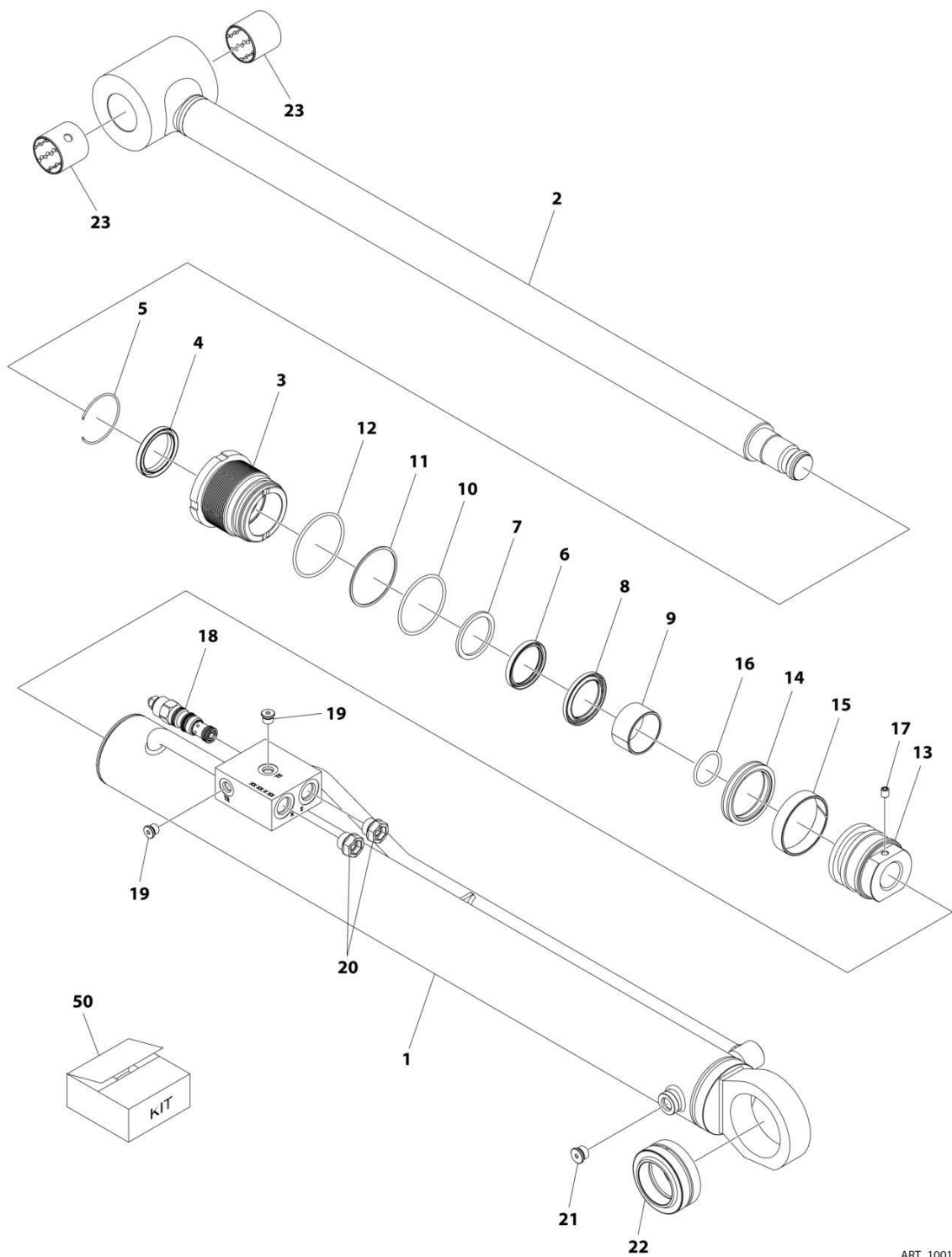
FIGURE 8-24. SUCTION LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184531	Ref	SUCTION LINES INSTALLATION	F
1	0761014	2	Bolt M10 x 30	
2	2171832	1	Fitting, Straight	
4	4812002	2	Washer M10	
5	8405301	4	Clamp	
6	1001176313	1	Hose	
7	1001202135	1	Pipe	
8	1001193421	1	Hose	
9	1001184530	1	Pipe	
10	5201215	4	Bolt M12 x 35	

SECTION 9 - HYDRAULIC COMPONENTS

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. CYLINDER ASSEMBLY - COMPENSATION



ART_1001274913

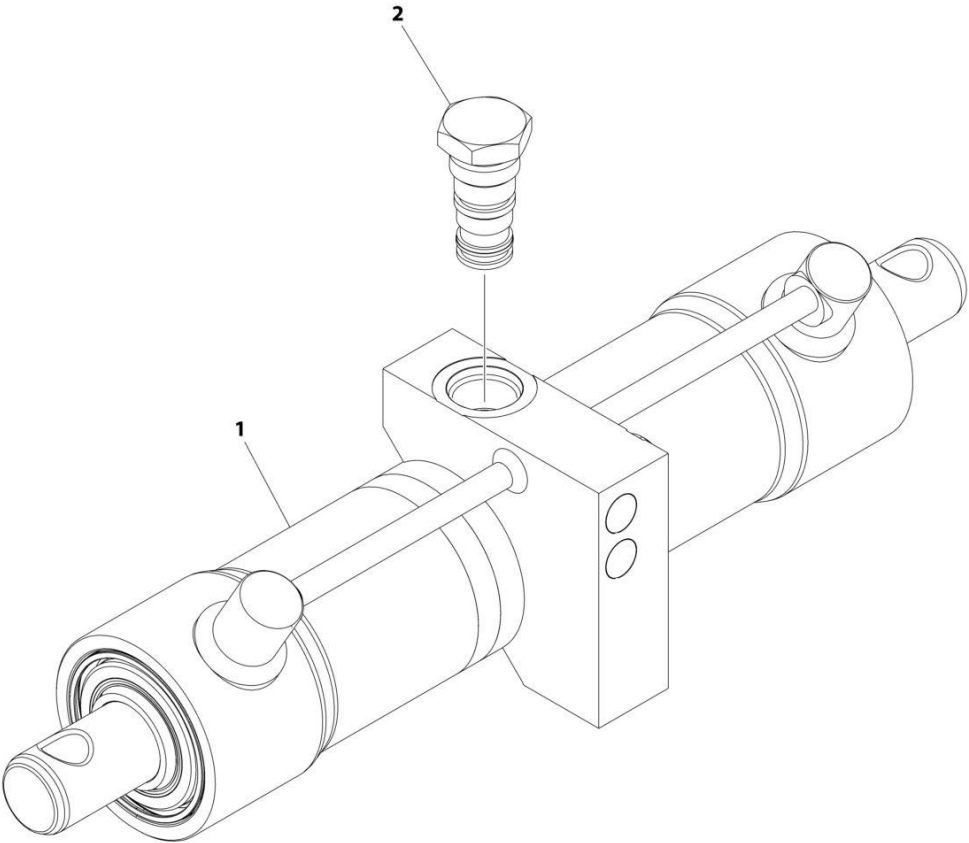
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. CYLINDER ASSEMBLY - COMPENSATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274913	Ref	CYLINDER ASSEMBLY - COMPENSATION	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Use PN 1001274913)	
2	70030953	1	Rod	
3	70030954	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 50)	
5	70002410	1	Ring, Retaining	
6	See Note	NSS	Seal (Note: Use Item 50)	
7	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
8	See Note	NSS	Ring (Note: Use Item 50)	
9	70005793	1	Bearing, Dry	
10	See Note	NSS	O-Ring (Note: Use Item 50)	
11	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
12	See Note	NSS	O-Ring (Note: Use Item 50)	
13	70030955	1	Piston	
14	See Note	NSS	Seal (Note: Use Item 50)	
15	See Note	NSS	Ring, Wear (Note: Use Item 50)	
16	See Note	NSS	O-Ring (Note: Use Item 50)	
17	70023369	1	Set Screw	
18	70028384	1	Cartridge, Valve	
19	70023370	2	Plug	
20	See Note	Ref	Dust Plug (Note: Shipping Use Only)	
21	70023371	1	Plug	
22	70030956	1	Bearing	
23	70030957	2	Bearing	
50	70030958	1	Seal Kit - 1001274913 Cylinder (Includes Items 4, 6-8, 10-12 & 14-16)	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-2. CYLINDER SUB-ASSEMBLY - COUPLER LOCKING



ART_1001114787_C

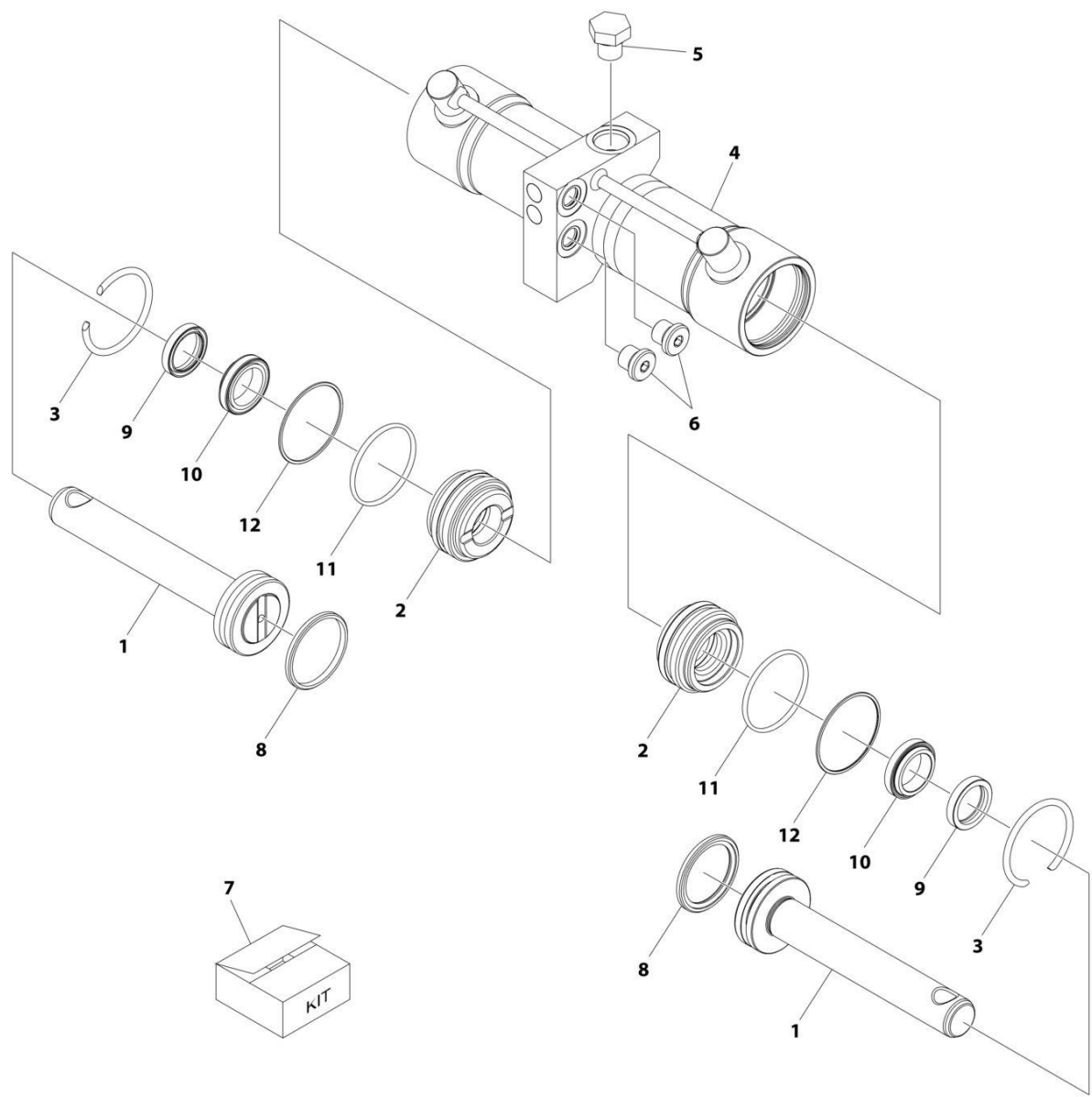
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-2. CYLINDER SUB-ASSEMBLY - COUPLER LOCKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001114787	Ref	COUPLER LOCKING CYLINDER ASSEMBLY	C
	1001267977	1	Cylinder, Coupler Locking (See Separate Breakdown in this Section)	
2	1001145444	1	Valve, P.O. Check	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-3. CYLINDER ASSEMBLY - COUPLER LOCKING



ART_1001267977

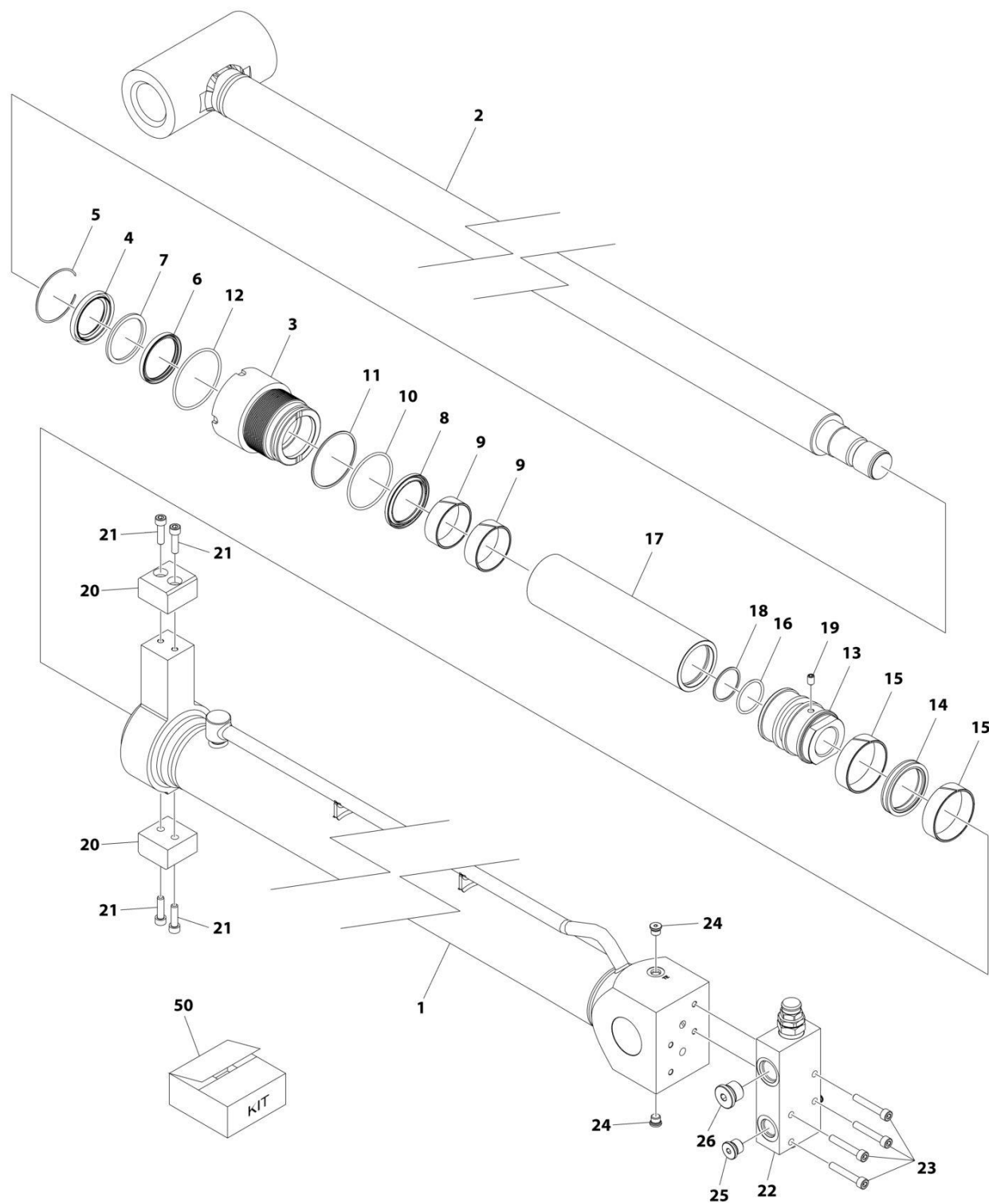
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-3. CYLINDER ASSEMBLY - COUPLER LOCKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267977	Ref	COUPLER LOCKING CYLINDER	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70031293	2	Rod	
2	70031294	2	Bushing	
3	70031295	2	Ring, Snap	
4	See Note	NSS	Barrel (Note: Not Sold Separately, Purchase 1001267977)	
5	70031296	1	Plug	
6	2220885	2	Plug	
7	70031297	1	Seal Kit (Includes Items 8-12)	
8	See Note	2	Seal, Piston (Note: Use Item 7)	
9	See Note	2	Seal, Rod (Note: Use Item 7)	
10	See Note	2	Ring, Wiper (Note: Use Item 7)	
11	See Note	2	O-Ring (Note: Use Item 7)	
12	See Note	2	Ring, Backup (Note: Use Item 7)	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-4. CYLINDER SUB-ASSEMBLY - EXTEND/RETRACT (TELESCOPE)



ART_1001274912

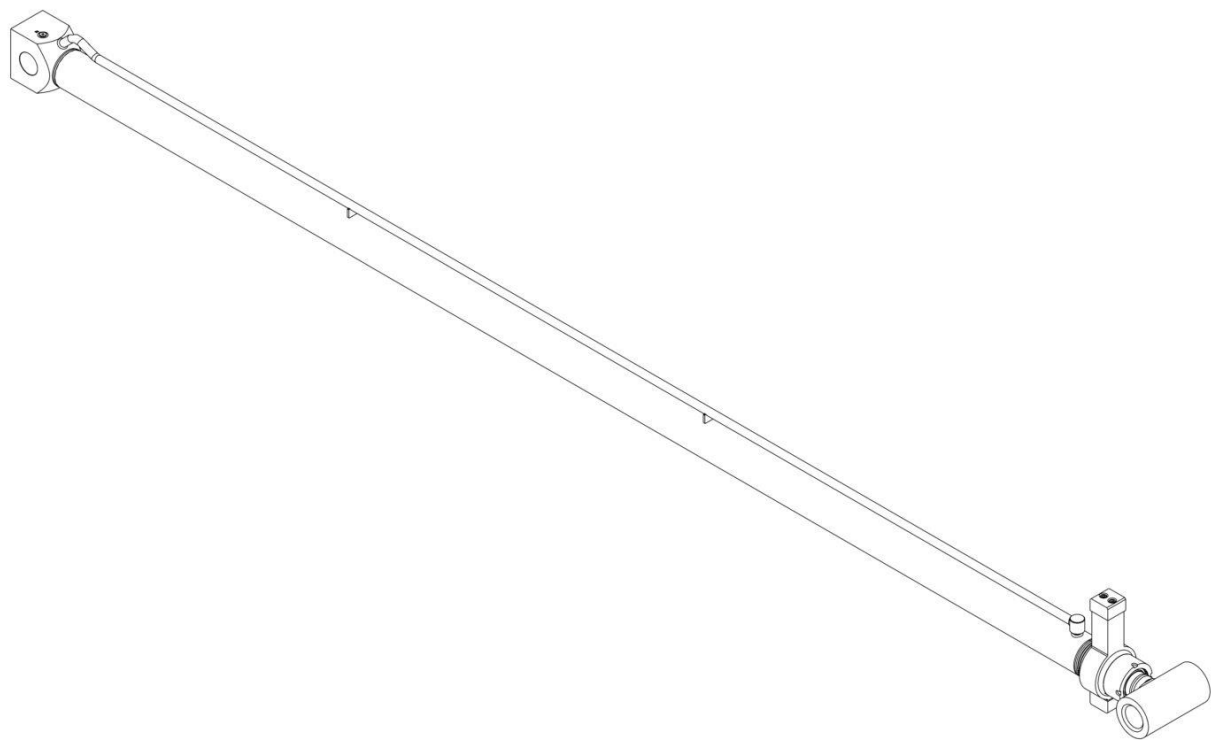
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-4. CYLINDER SUB-ASSEMBLY - EXTEND/RETRACT (TELESCOPE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274912	Ref	CYLINDER ASSEMBLY	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Use PN 1001274912)	
2	70031033	1	Rod	
3	70031034	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 50)	
5	70031035	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 50)	
7	See Note	NSS	Ring, Back Up (Note: Use Item 50)	
8	See Note	NSS	Ring, Buffer (Note: Use Item 50)	
9	See Note	NSS	Ring, Wear (Note: Use Item 50)	
10	See Note	NSS	O-Ring (Note: Use Item 50)	
11	See Note	NSS	Ring, Back Up (Note: Use Item 50)	
12	See Note	NSS	O-Ring (Note: Use Item 50)	
13	70031036	1	Piston	
14	See Note	NSS	Seal, Piston (Note: Use Item 50)	
15	See Note	NSS	Ring, Wear (Note: Use Item 50)	
16	See Note	NSS	O-Ring (Note: Use Item 50)	
17	70031037	1	Spacer	
18	See Note	NSS	O-Ring (Note: Use Item 50)	
19	70006596	1	Setscrew M8 x 12	
20	70031038	2	Pad, Wear	
21	70031039	4	Capscrew M8 x 30	
22	1001276648	1	Cartridge, Valve	
23	70031040	4	Capscrew M8 x 50	
24	2220883	2	Plug 7/16	
25	70005433	1	Plug 7/8	
26	70027702	1	Plug 1-1/16	
50	70031041	1	Seal kit (Includes Items 4, 6-12, 4-16 & 18)	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-5. CYLINDER ASSEMBLY - EXTEND/RETRACT (TELESCOPE)



ART_1001274911

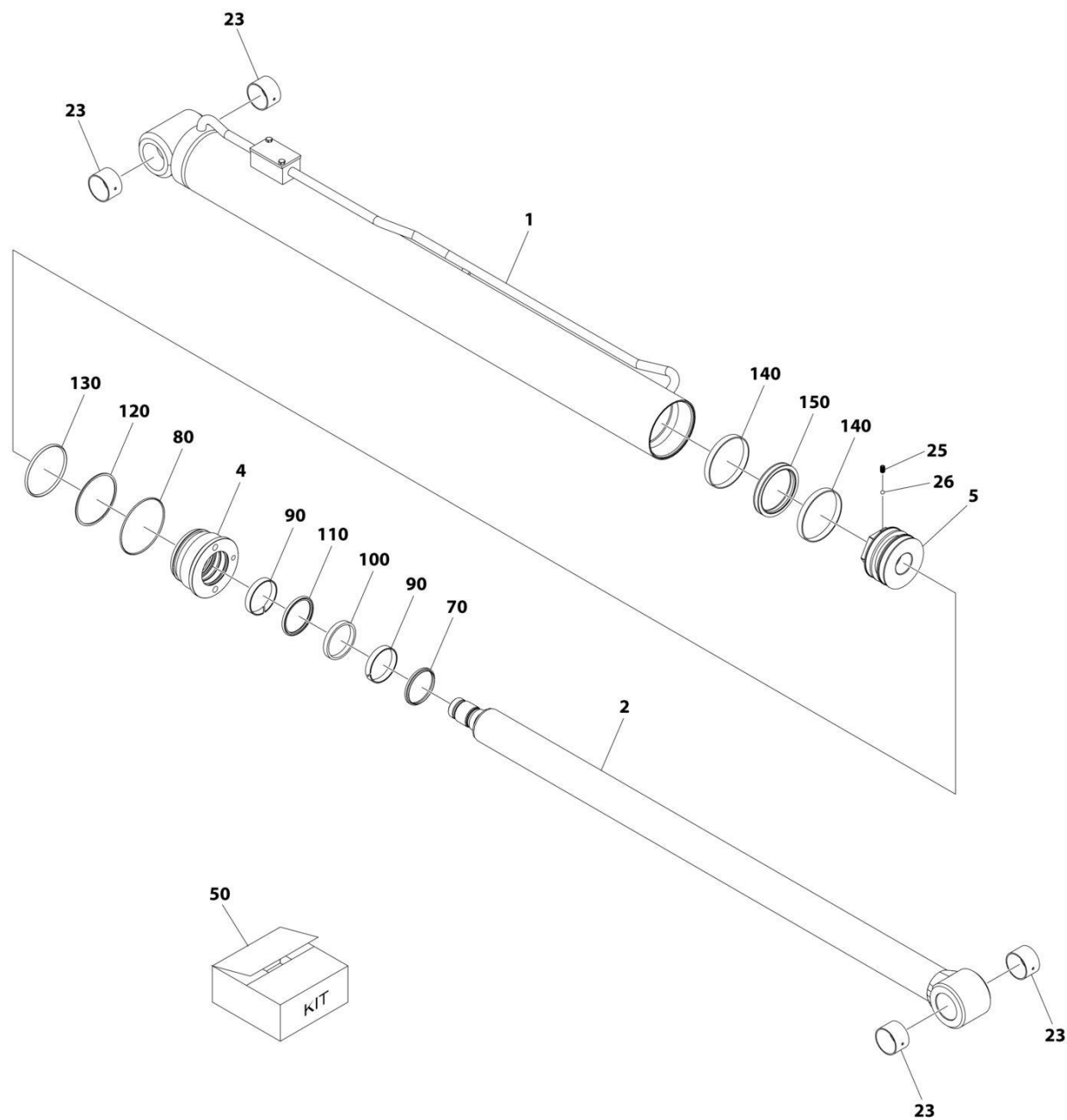
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-5. CYLINDER ASSEMBLY - EXTEND/RETRACT (TELESCOPE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274911	Ref	CYLINDER ASSEMBLY - EXTEND/RETRACT (TELESCOPE)	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
		Ref	Note: No Service Parts Available at Time of Printing.	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-6. CYLINDER ASSEMBLY - LIFT



ART_1001267963

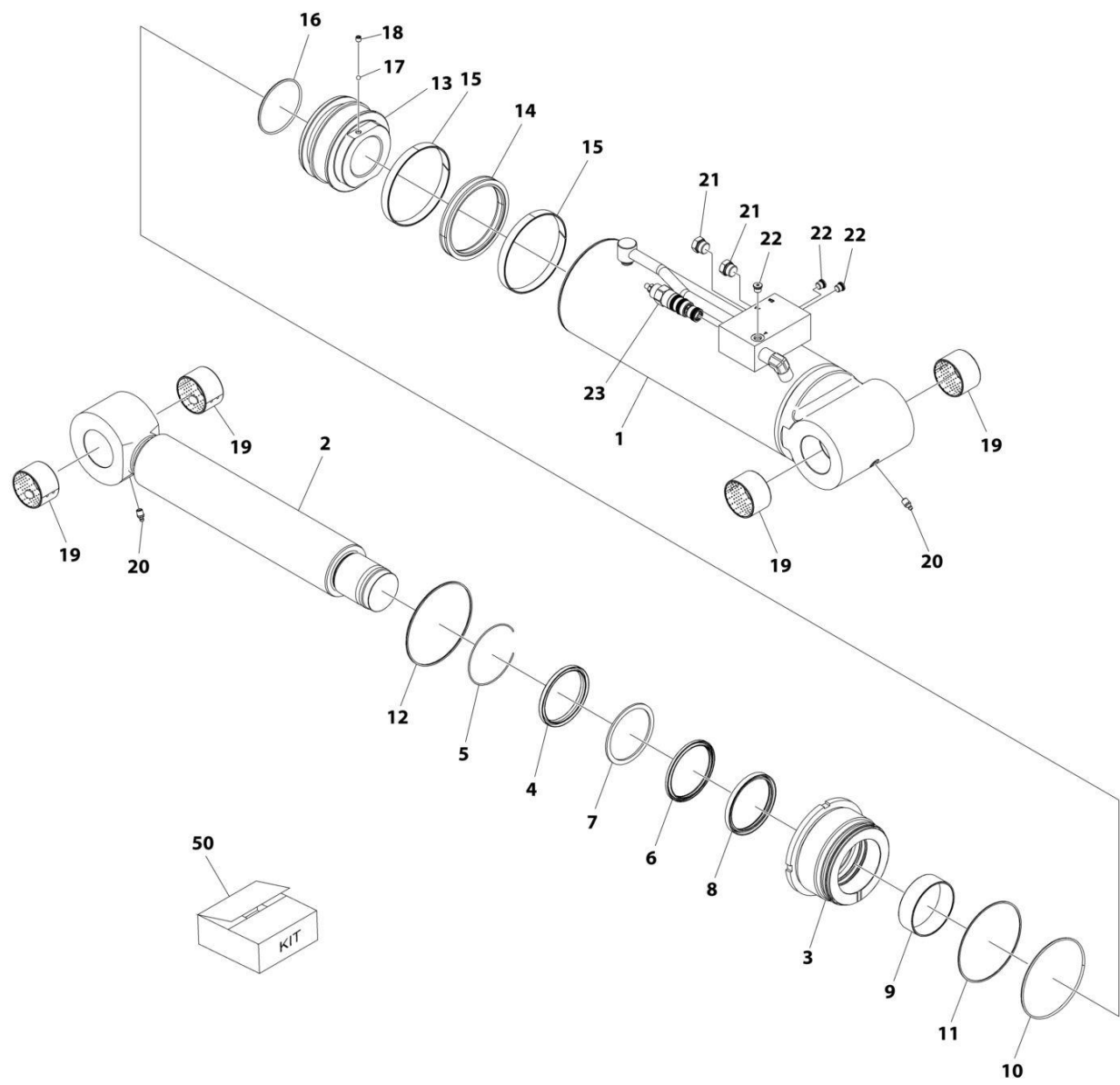
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-6. CYLINDER ASSEMBLY - LIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267963	Ref	CYLINDER ASSEMBLY - LIFT	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Use PN 1001267963)	
2	See Note	NSS	Rod (Note: Use PN 1001267963)	
4	70030997	1	Head	
5	70030998	1	Piston	
23	70025602	4	Bushing	
25	70025613	1	Set Screw M10 x 16	
26	70025614	1	Ball	
50	70030999	1	Seal Kit - 1001267963 Cylinder	
70	See Note	NSS	Seal (Note: Use Item 50)	
80	See Note	NSS	O-Ring (Note: Use Item 50)	
90	See Note	NSS	Ring Wear (Note: Use Item 50)	
100	See Note	NSS	Seal (Note: Use Item 50)	
110	See Note	NSS	Seal (Note: Use Item 50)	
120	See Note	NSS	Ring (Note: Use Item 50)	
130	See Note	NSS	Ring (Note: Use Item 50)	
140	See Note	NSS	Ring (Note: Use Item 50)	
150	See Note	NSS	Seal (Note: Use Item 50)	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-7. CYLINDER ASSEMBLY - TILT



ART_1001276695

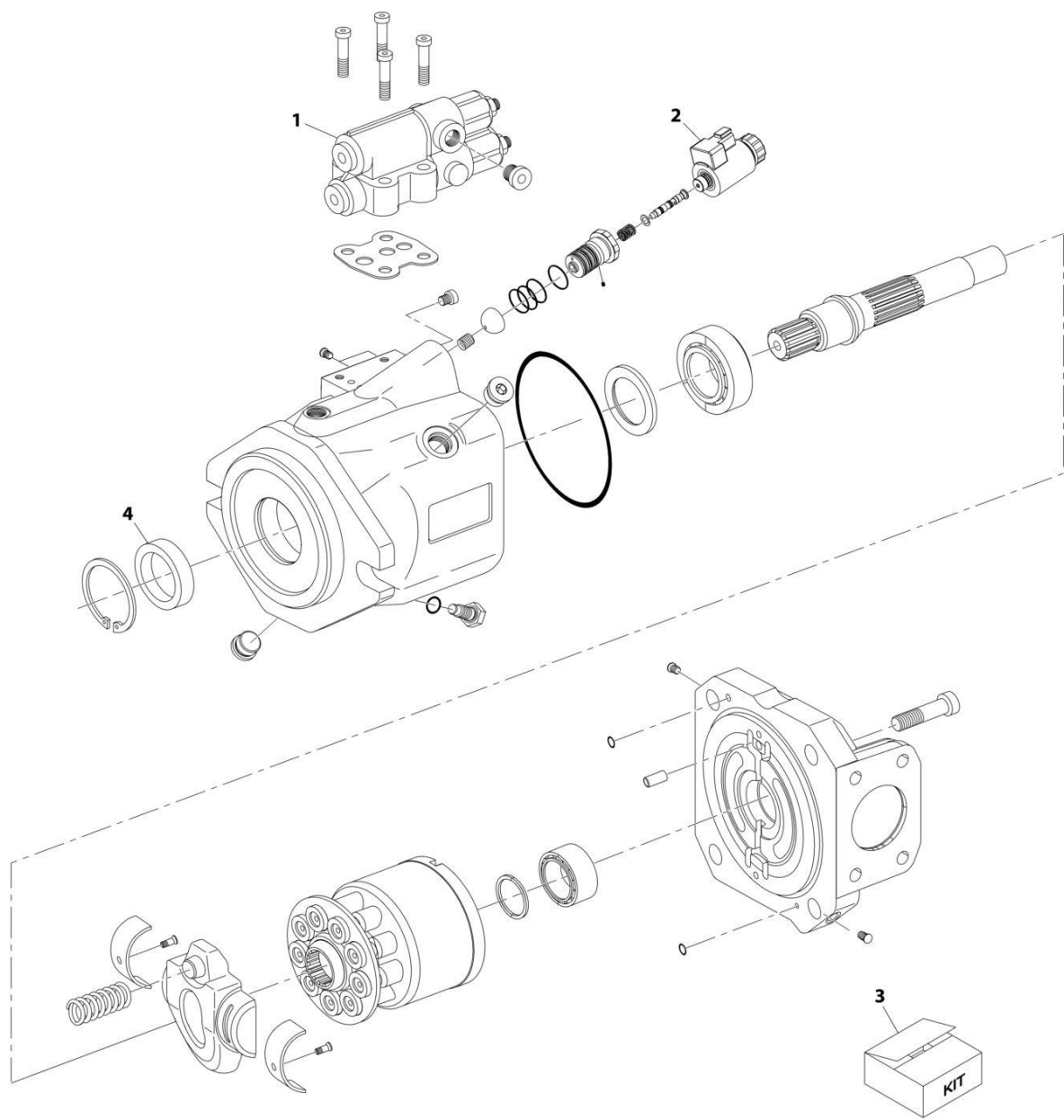
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-7. CYLINDER ASSEMBLY - TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276695	Ref	CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Use PN 1001276695)	
2	70027744	1	Rod	
3	70027745	1	Head	
4	See Note	NSS	Wiper (Note: Use Item 50)	
5	70023380	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 50)	
7	See Note	NSS	Ring, Back Up (Note: Use Item 50)	
8	See Note	NSS	Ring, Buffer (Note: Use Item 50)	
9	70027225	1	Bearing, Dry	
10	See Note	NSS	O-Ring (Note: Use Item 50)	
11	See Note	NSS	Ring, Back Up (Note: Use Item 50)	
12	See Note	NSS	O-Ring (Note: Use Item 50)	
13	70031044	1	Piston	
14	See Note	NSS	Seal, Piston (Note: Use Item 50)	
15	See Note	NSS	Ring, Wear (Note: Use Item 50)	
16	See Note	NSS	O-Ring (Note: Use Item 50)	
17	70022564	1	Ball	
18	70022563	1	Setscrew M8 x 10	
19	70026543	4	Bearing, Dry	
20	70026308	2	Fitting, Grease	
21	70023372	2	Plug, 3/4	
22	2220883	3	Plug, 7/16	
23	1001189888	1	Cartridge, Valve	
50	70031045	1	Seal Kit (Includes Items 4, 6-8, 10-12 & 14-16)	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-8. IMPLEMENT PUMP



ART_1001200815-B

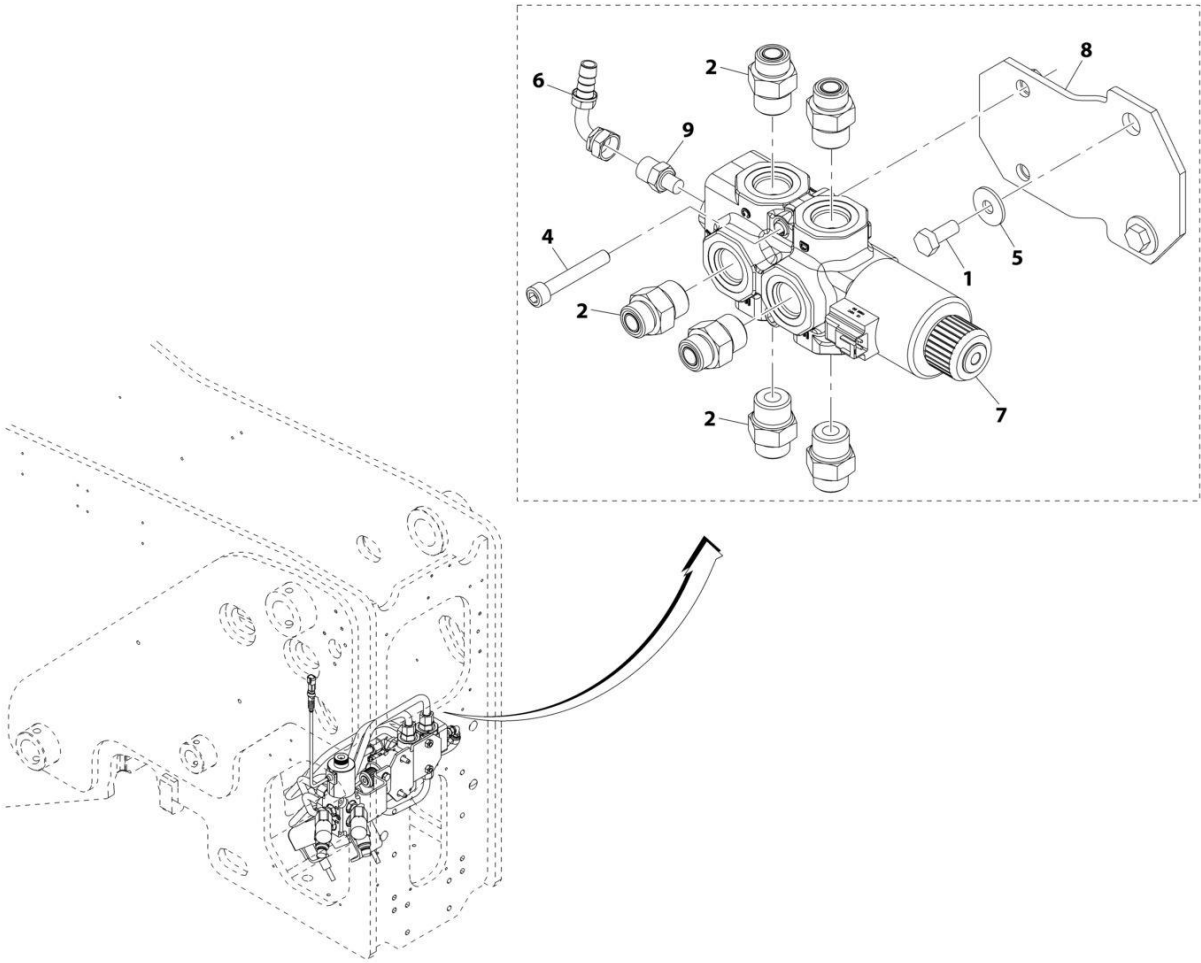
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-8. IMPLEMENT PUMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200815	Ref	Implement Pump	B
1	70027595	1	Controller, DSR	
2	70024186	1	Controller, EK	
3	70024189	1	Kit, Seal	
4	7024947	1	SHAFT SEAL	
	Kit	1	O-Ring	
	Kit	2	O-Ring	
	Kit	2	O-Ring	
	Kit	4	O-Ring	
	Kit	2	O-Ring	
	Kit	1	Seal	
	Kit	1	Ring, Retaining	
	Kit	1	O-Ring	
	Kit	1	Seal	
	Kit	1	O-Ring	
	Kit	6	Seal	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	2	O-Ring	
	Kit	2	Ring, Thrust	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	Ring, Backup	
	Kit	1	O-Ring	
	Kit	1	Ring, Backup	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-9. VALVE SUB-ASSEMBLY - DIVERTOR (HI-FLOW)



ART_1001204420-C

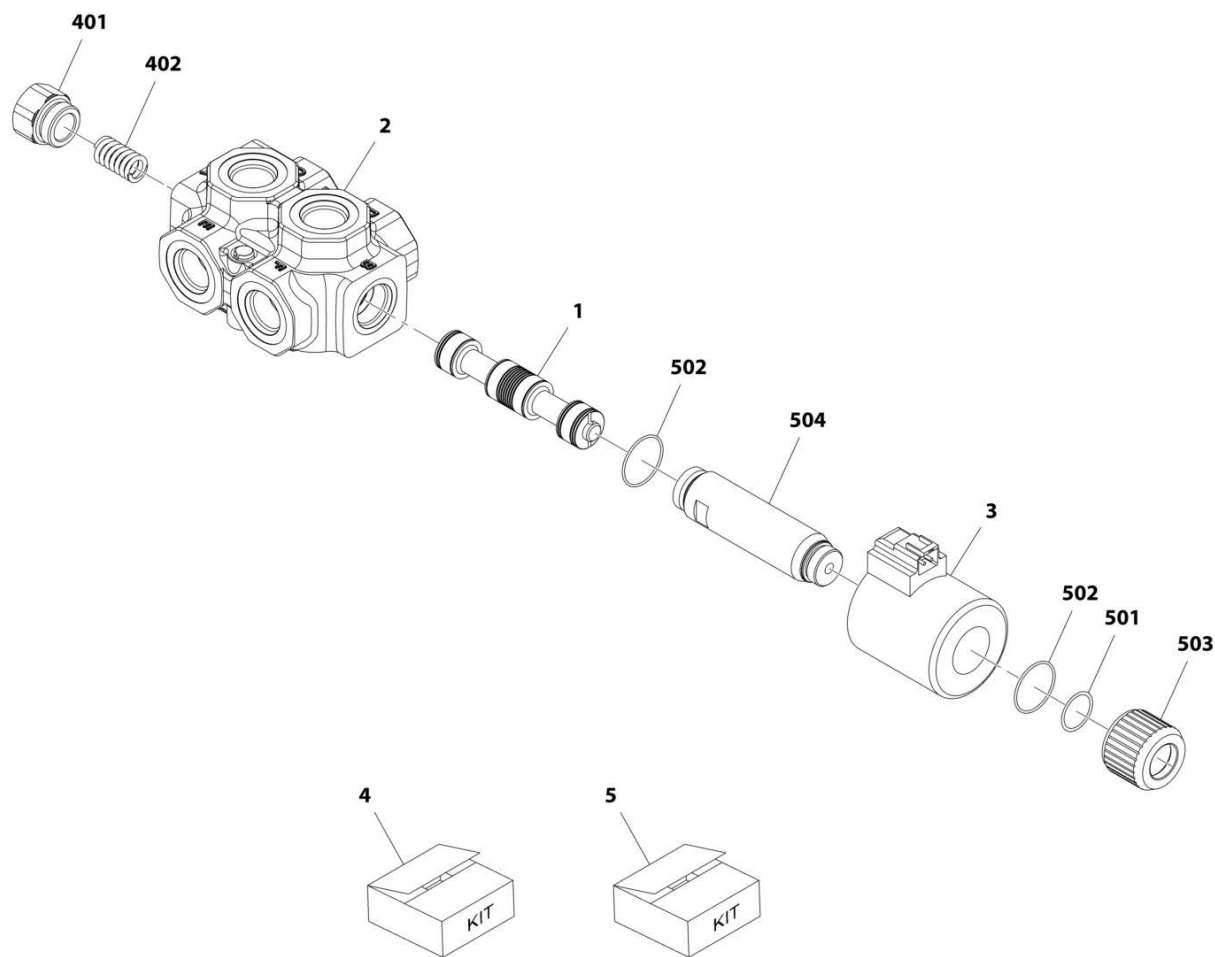
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-9. VALVE SUB-ASSEMBLY - DIVERTOR (HI-FLOW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204420	Ref	Divertor Valve Assembly (Hi Flow)	C
1	0761012	2	Bolt, M10X25	
2	2111012	6	Fitting, Straight ORFS	
4	4032017	2	Bolt	
5	4812002	2	Washer, M10	
6	1001095301	1	Fitting, 90 ORFS	
7	1001173771	1	Valve, Divertor (Hi Flow) (See Separate Breakdown in this Section)	
8	1001213748	1	Bracket	
9	2110604	1	Fitting, Straight ORFS	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-10. VALVE ASSEMBLY - DIVERTOR



ART_1001173771-D

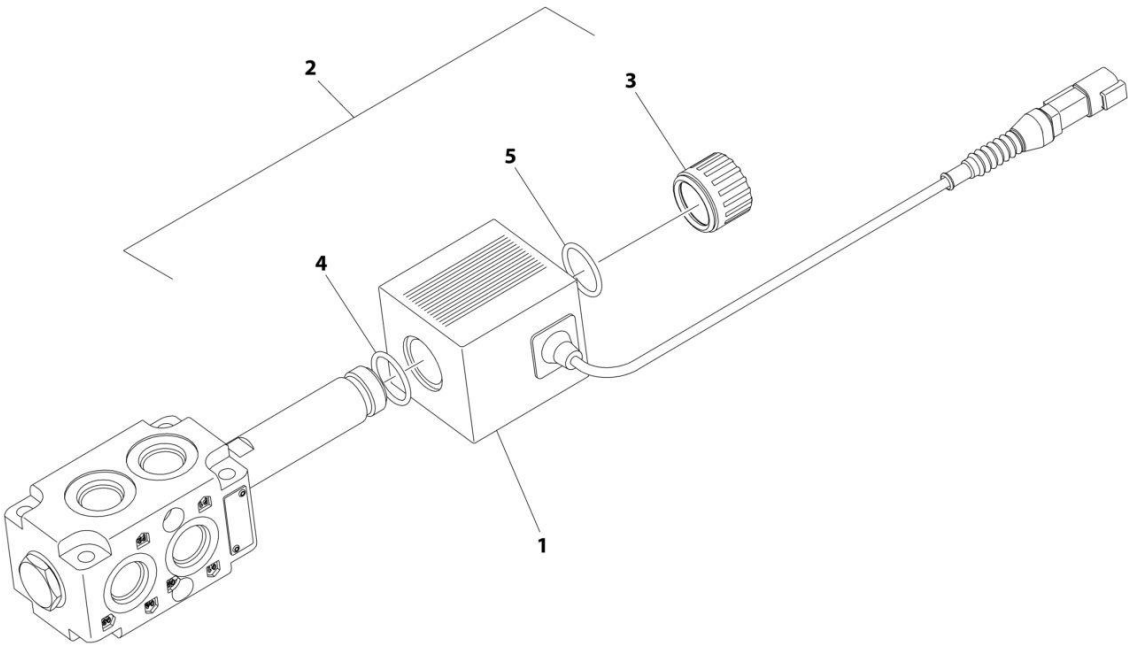
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-10. VALVE ASSEMBLY - DIVERTOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173771	Ref	Divertor Valve	D
1	70027267	1	Spool, Divertor	
2	70027268	1	Body, Divertor	
3	70027269	1	Coil	
4	70027270	1	Kit, Drain Plug	
401	Kit	1	Plug	
402	Kit	1	Spring	
5	70027271	1	Kit, Tube	
501	Kit	1	O-Ring	
502	Kit	2	O-Ring	
503	Kit	1	Plug	
504	Kit	1	Tube	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-11. VALVE ASSEMBLY - DIVERTOR



ART_1001104477

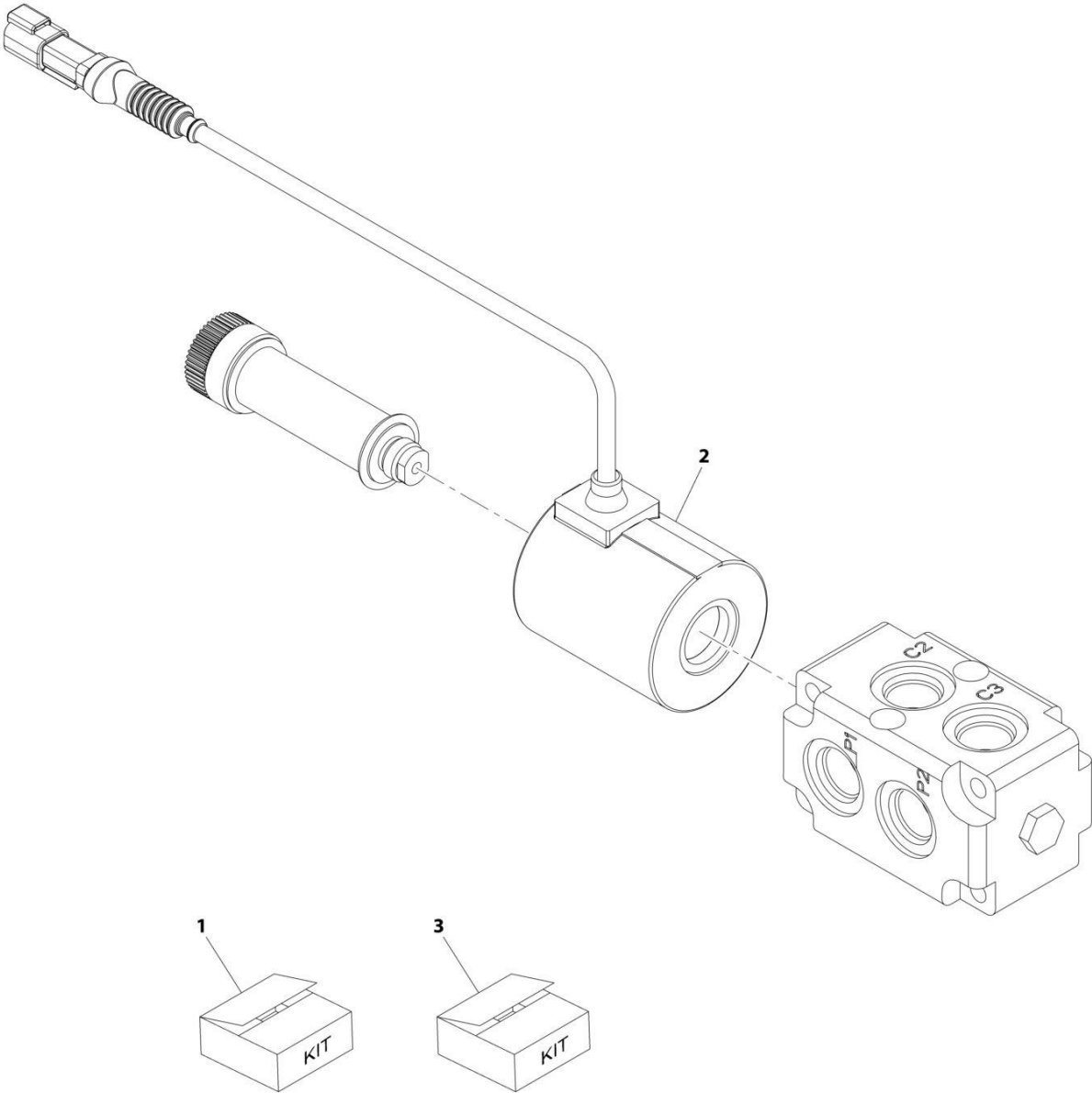
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-11. VALVE ASSEMBLY - DIVERTOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001104477	Ref	DIVERTOR VALVE	D
1	70020764	1	Coil	
2	70021531	1	Retainer Kit (Includes Items 3-5)	
3	Kit	1	Nut	
4	Kit	1	O-Ring	
5	Kit	1	O-Ring	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-12. VALVE ASSEMBLY - DIVERTOR



ART_1001110023-B

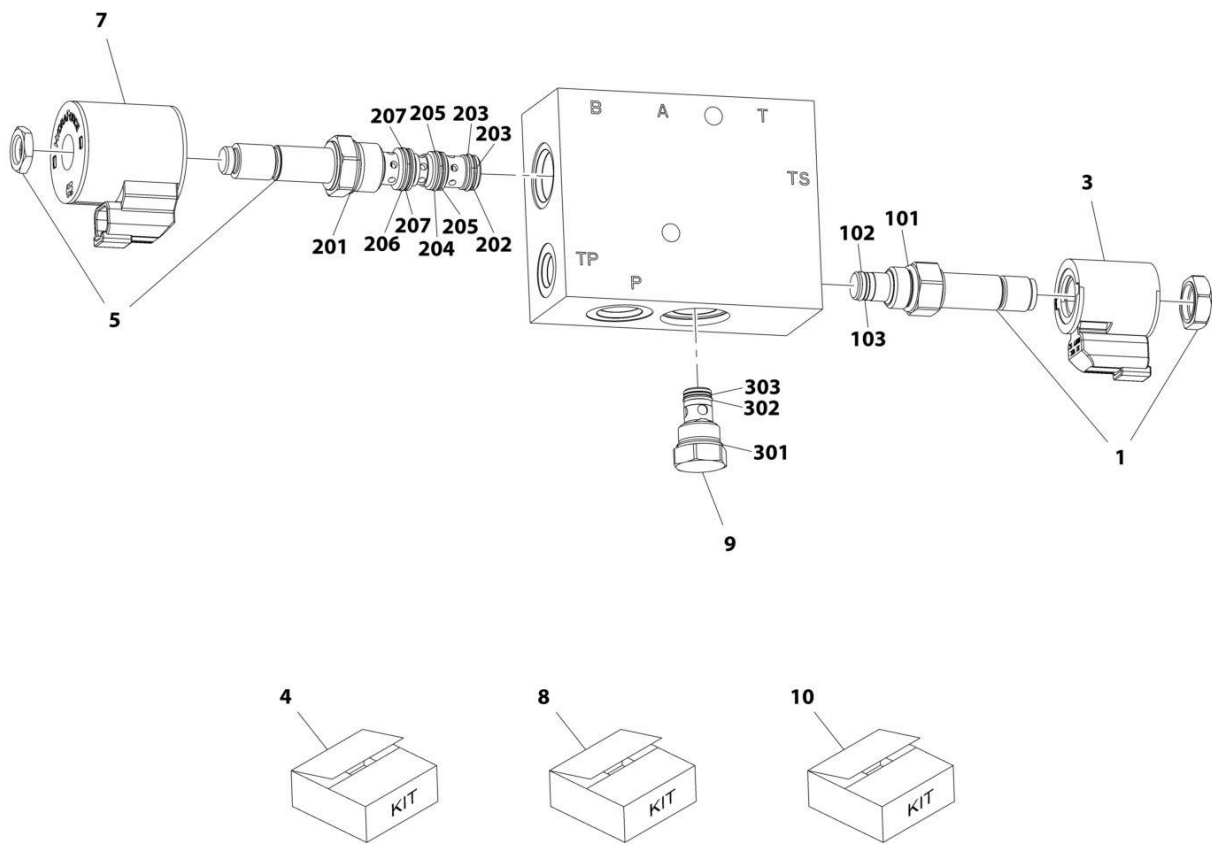
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-12. VALVE ASSEMBLY - DIVERTOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001110023	Ref	Divertor Valve	B
	70027596	1	Kit, Seal	
	Kit	2	O-Ring	
2	70020764	1	Coil	
3	70021531	1	Kit, Coil Nut	
	N.S.S.	1	O-Ring	
	N.S.S.	1	O-Ring	
	N.S.S.	1	Nut	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-13. VALVE ASSEMBLY - FAN MOTOR CONTROL



ART_1001182213-C

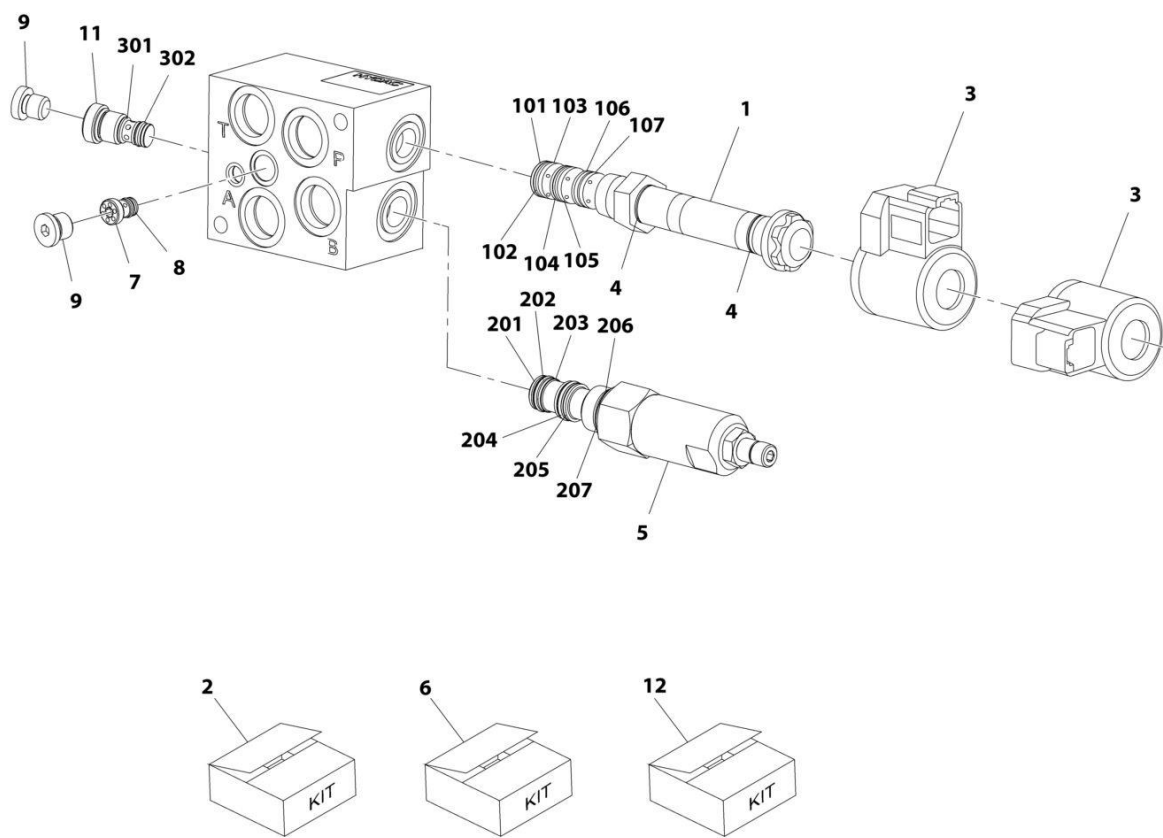
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-13. VALVE ASSEMBLY - FAN MOTOR CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182213	Ref	Fan Motor Control Valve	C
1	70027004	1	Valve, Proportional	
3	70002971	1	Coil	
4	7012998	1	Kit, Seal (includes items 101 thru 103)	
5	8036580	1	Valve, Solenoid	
7	70003788	1	Coil	
8	7012903	1	Kit, Seal (includes items 201 thru 207)	
9	7022391	1	Valve, Check	
10	7012998	1	Kit, Seal (includes items 301 thru 303)	
101	N.S.S.	1	O-Ring	
102	N.S.S.	1	O-Ring	
103	N.S.S.	1	O-Ring, Back-up	
201	N.S.S.	1	O-Ring	
202	N.S.S.	1	O-Ring	
203	N.S.S.	2	O-Ring, Back-up	
204	N.S.S.	1	O-Ring	
205	N.S.S.	2	O-Ring, Back-up	
206	N.S.S.	1	O-Ring	
207	N.S.S.	2	O-Ring, Back-up	
301	N.S.S.	1	O-Ring	
302	N.S.S.	1	O-Ring	
303	N.S.S.	1	O-Ring, Back-up	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-14. VALVE ASSEMBLY - HYDRAULIC HITCH CONTROL VALVE



ART_1001226722-A

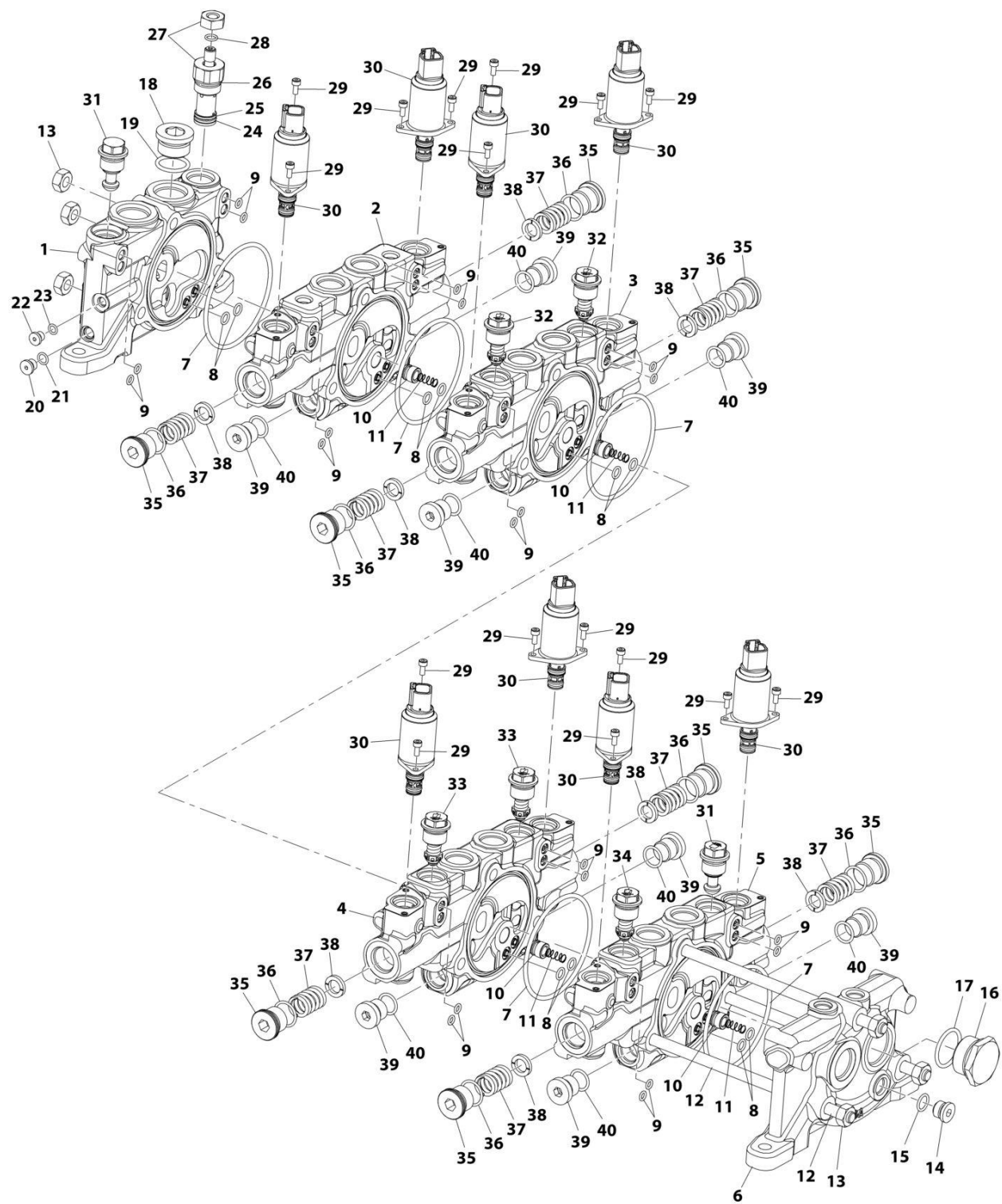
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-14. VALVE ASSEMBLY - HYDRAULIC HITCH CONTROL VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226722	Ref	Hydraulic Hitch Control Valve	B
1	70026965	1	Valve	
2	70026966	1	Kit, Seal	
101	Kit	1	O-Ring	
102	Kit	1	O-Ring	
103	Kit	2	Support Ring	
104	Kit	1	O-Ring	
105	Kit	2	Support Ring	
106	Kit	1	O-Ring	
107	Kit	2	Support Ring	
3	70026967	2	Coil	
4	70026968	1	Nut	
5	70026969	1	Valve	
6	70026970	1	Kit, Seal	
201	Kit	1	O-Ring	
202	Kit	1	O-Ring	
203	Kit	2	Support Ring	
204	Kit	1	O-Ring	
205	Kit	2	Support Ring	
206	Kit	1	O-Ring	
207	Kit	2	Support Ring	
7	70026971	1	Valve	
8	70026972	1	Seal	
9	70026973	2	Plug	
11	70026975	1	Valve	
12	70026976	1	Kit, Seal	
301	Kit	1	O-Ring	
302	Kit	1	O-Ring	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-15. VALVE ASSEMBLY - MAIN CONTROL



ART_1001241883-A

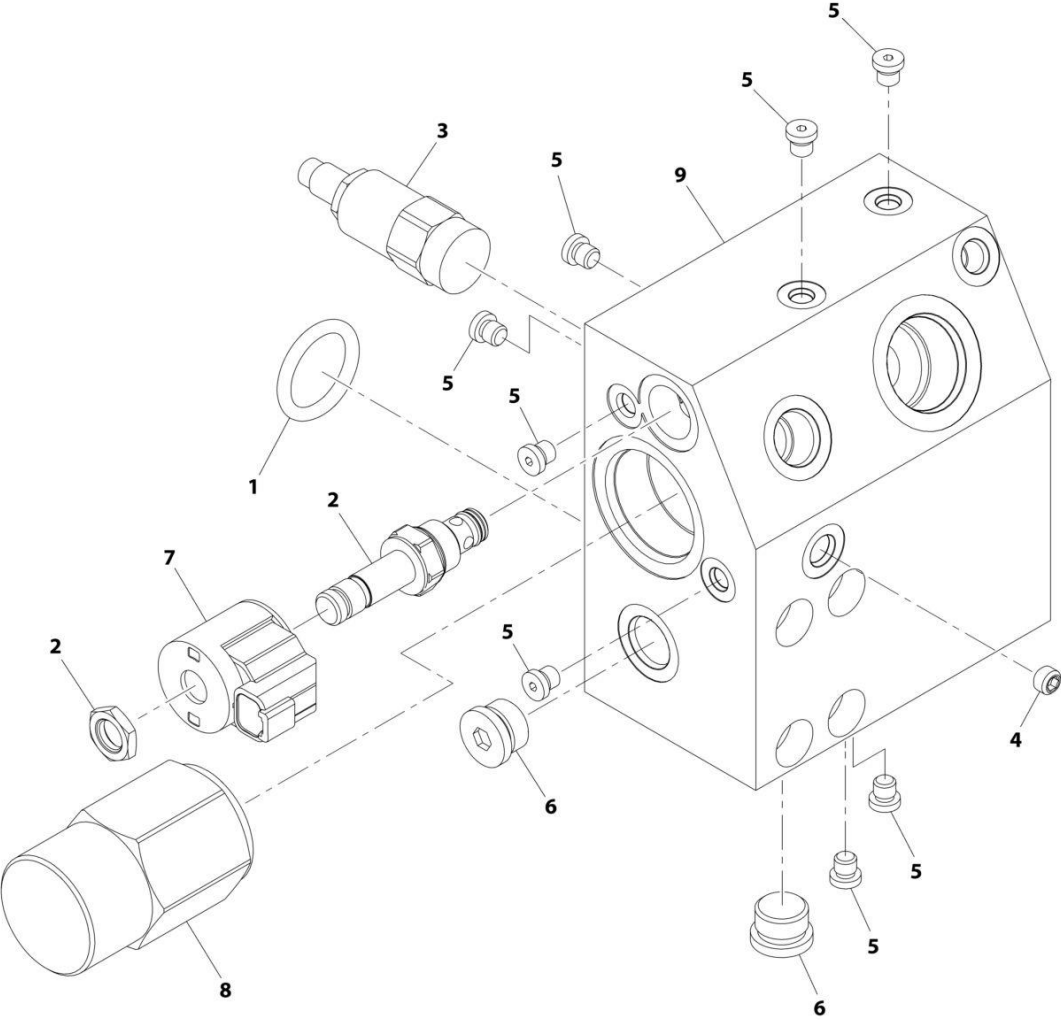
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-15. VALVE ASSEMBLY - MAIN CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241883	Ref	Main Control Valve	A
1	70027136	1	Section, Inlet	
2	70029992	1	Lift Section Assembly	
3	70029993	1	Tilt Section Assembly	
4	70029994	1	Aux Section Assembly	
5	70029995	1	Extend/Retract Section Assembly	
6	70027141	1	Outlet Section Assembly	
7	8034697	5	O-Ring	
8	10837926	10	O-Ring	
9	70027128	20	O-Ring	
10	10837929	4	Poppet	
11	10837937	4	Spring	
12	70026375	3	Tie Rod	
13	70050481	6	Nut-Metric	
14	70050475	1	Plug Assy	
15	70024201	1	O-Ring	
16	70029030	1	Plug Assy W/O-Ring	
17	10732931	1	O-Ring	
18	70050472	1	Plug Assy, W/O-Ring	
19	70026374	1	O-Ring	
20	70026368	1	Plug Assy W/O-Ring	
21	70026371	1	O-Ring	
22	70026379	1	Plug Assy W/O-Ring	
23	70026372	1	O-Ring	
24	70026370	1	O-Ring	
25	70026376	1	Back-Up Ring	
26	10837928	1	O-Ring	
27	70027132	1	Drain Regulator Assembly	
28	70026373	1	O-Ring	
29	70027135	16	Screw	
30	70029820	8	Solenoid, Cartridge Valve	
31	70026382	2	Shut-Off Plug Assembly	
32	70022010	2	Relief Valve Assembly	
33	70027133	2	Relief Valve Assembly	
34	70027134	1	Relief Valve Assembly	
35	70024847	8	Plug Assembly W/O-Ring	
36	70026777	8	O-Ring	
37	70026377	8	Spring	
38	70027129	8	Spring Seat	
39	70027131	8	Plug Assembly W/O-Ring	
40	70027130	8	O-Ring	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-16. VALVE ASSEMBLY - PRIORITY FLOW MANIFOLD



ART_1001220639-B

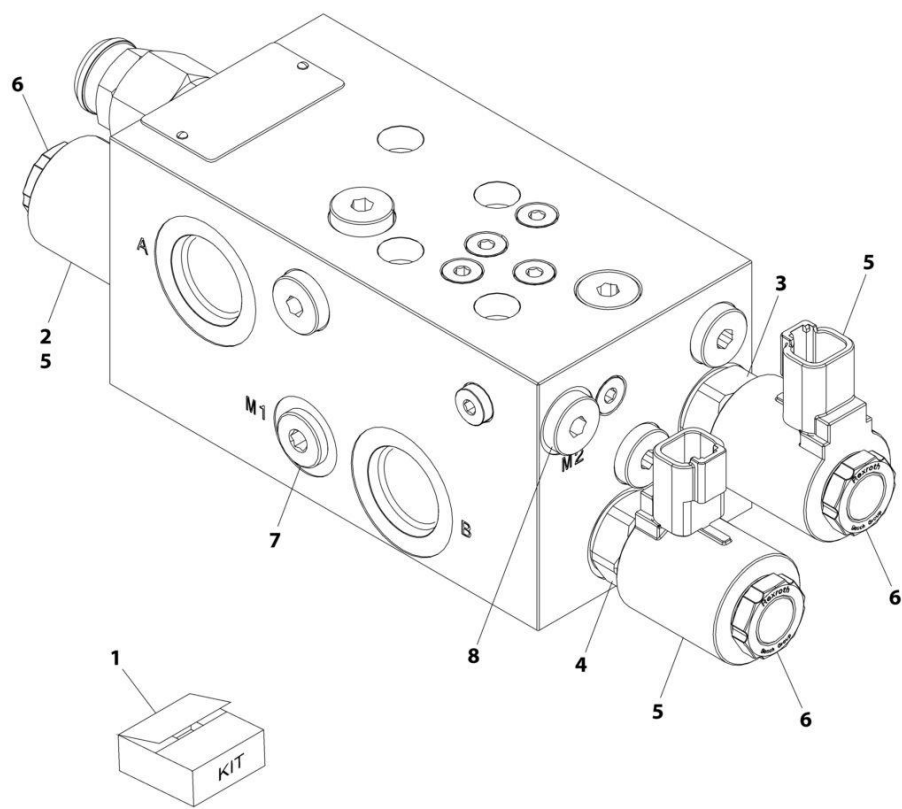
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-16. VALVE ASSEMBLY - PRIORITY FLOW MANIFOLD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220639	Ref	Priority Flow Valve	B
1	70027000	1	O-Ring	
2	70027001	1	Valve, Solenoid	
3	70027002	1	Reducer, Pressure	
4	70026313	1	Plug	
5	2220881	8	Plug	
6	2220886	2	Plug	
7	70002386	1	Coil	
8	70028900	1	Direction Control Valve	
9	N.S.S.	1	Body	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-17. VALVE ASSEMBLY - RIDE CONTROL



ART_1001263039

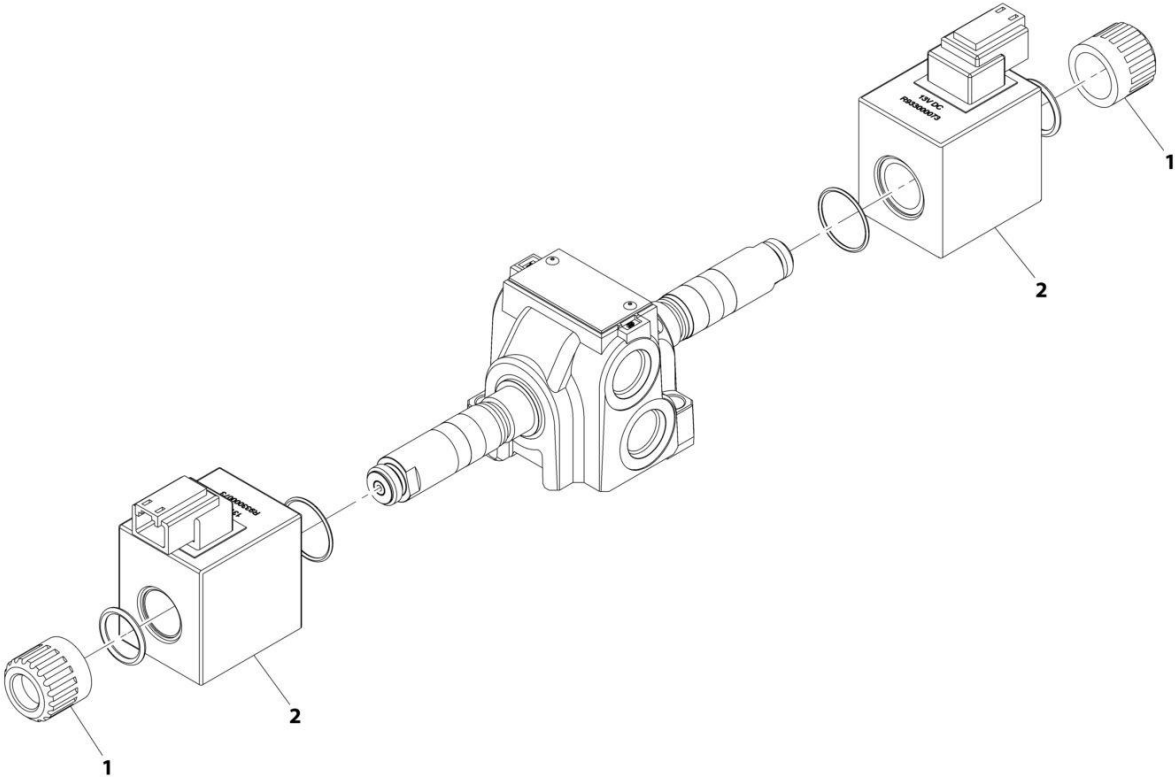
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-17. VALVE ASSEMBLY - RIDE CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263039	Ref	VALVE ASSEMBLY - RIDE CONTROL	A
1	70027600	1	Seal Kit - Mounting (Includes to Mount Valve Assembly)	
2	70030943	1	Valve, Solenoid Cartridge (Less Coil)	
3	70030944	1	Valve, Solenoid Cartridge (Less Coil)	
4	70030945	1	Valve, Solenoid Cartridge (Less Coil)	
5	70030946	3	Coil	
6	70007604	3	Coil Nut	
7	70030947	1	Plug Kit	
8	70030948	1	Plug Kit	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-18. VALVE ASSEMBLY - STEERING SELECT VALVE



ART_1001153748-C

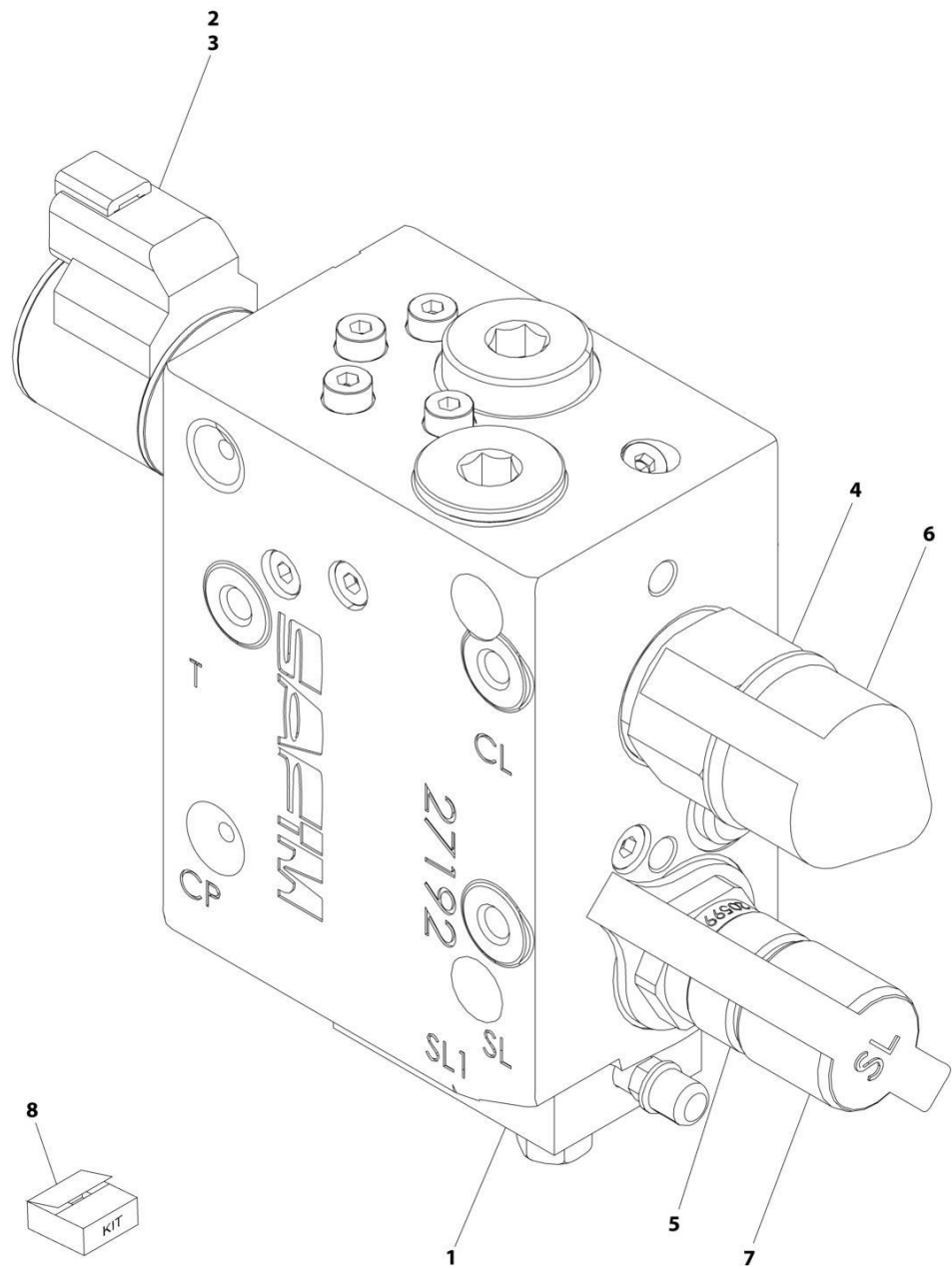
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-18. VALVE ASSEMBLY - STEERING SELECT VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153748	Ref	Steering Select Valve	C
1	70020867	2	Nut, Coil	
2	70026582	2	Coil	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-19. VALVE ASSEMBLY - TRAILER BRAKE



ART_1001230194

SECTION 9 - HYDRAULIC COMPONENTS

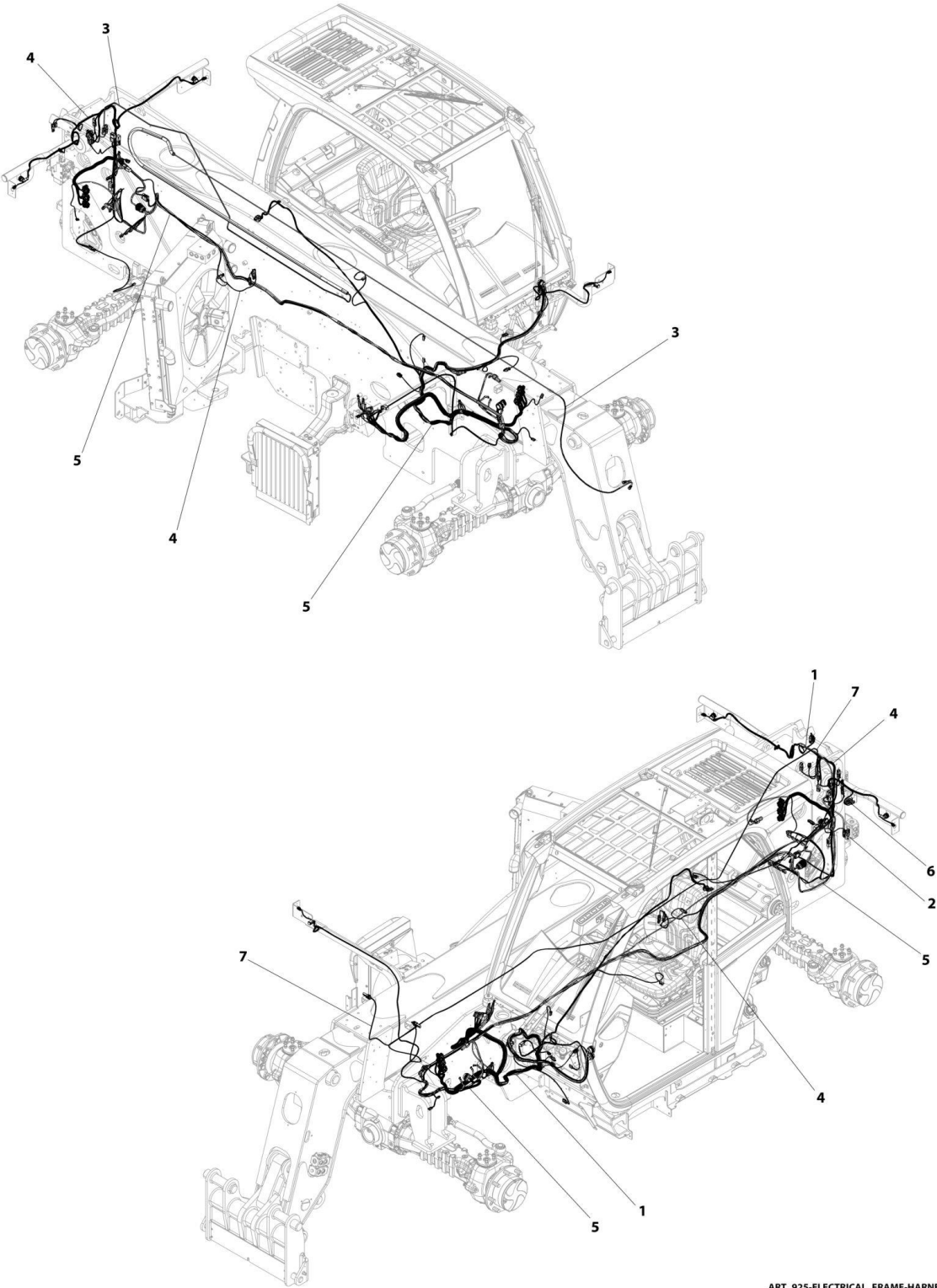
FIGURE 9-19. VALVE ASSEMBLY - TRAILER BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230194	Ref	TRAILER BRAKE VALVE	A
1	70028868	1	Pilot Group	
2	70028869	1	Solenoid Valve with Coil	
3	70028870	1	Coil	
4	70028871	1	Coupling, CL	
5	70028872	1	Coupling, SL	
6	70028873	1	Cap, CL	
7	70028874	1	Cap, SL	
8	70028875	1	Seal Kit (Includes Items 101-112)	
101	Kit	1	Cap Bleeding Screw	
102	Kit	1	Quadrant Pilot Block	
103	Kit	10	Seal	
104	Kit	1	Seal	
105	Kit	1	Seal	
106	Kit	1	Seal	
107	Kit	1	Seal	
108	Kit	1	Seal	
109	Kit	1	Seal	
110	Kit	1	Seal	
111	Kit	1	Anti Extrusion	
112	Kit	1	Anti Extrusion	

SECTION 10 - ELECTRICAL

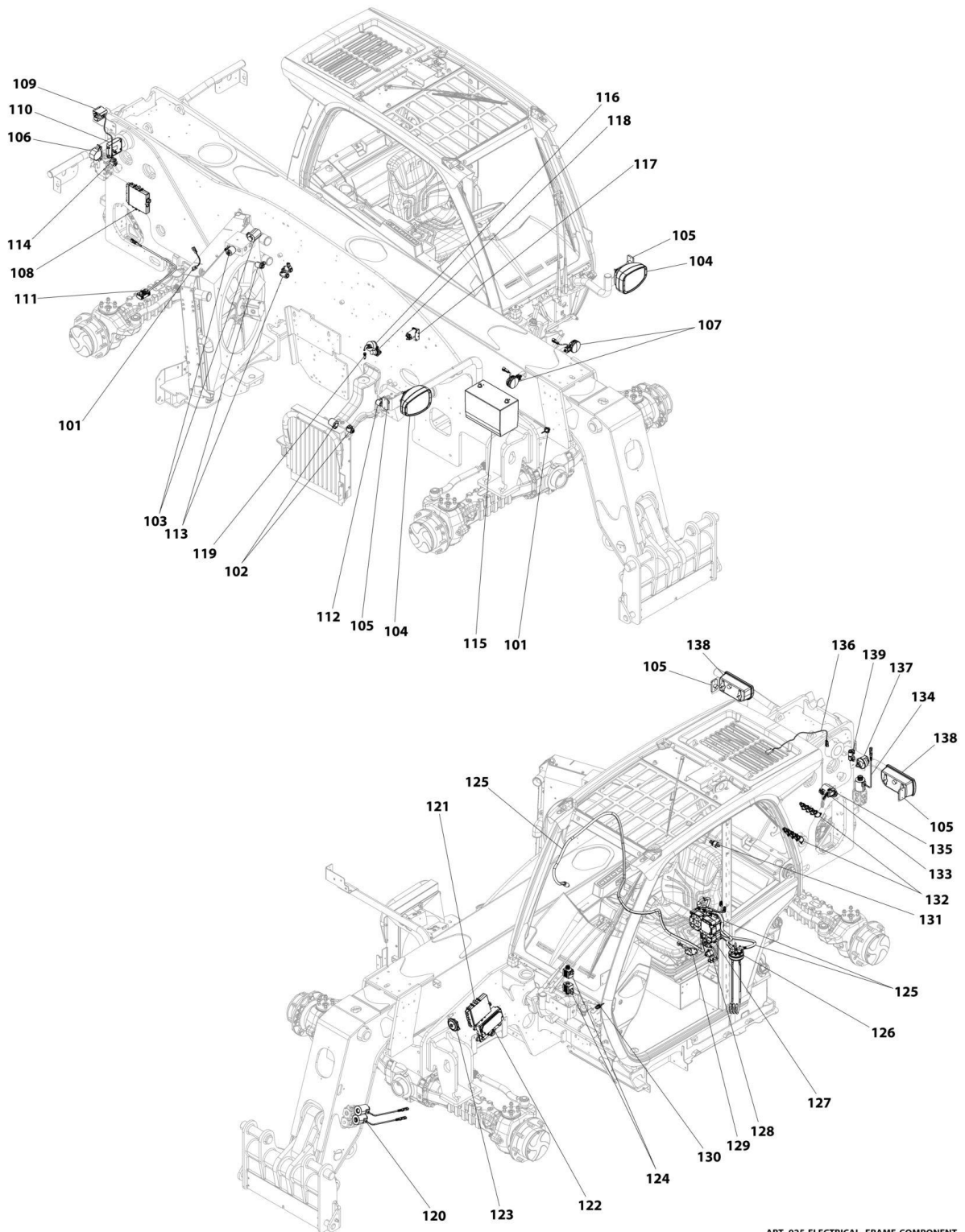
SECTION 10 - ELECTRICAL

FIGURE 10-1. 823 ELECTRICAL LAYOUT



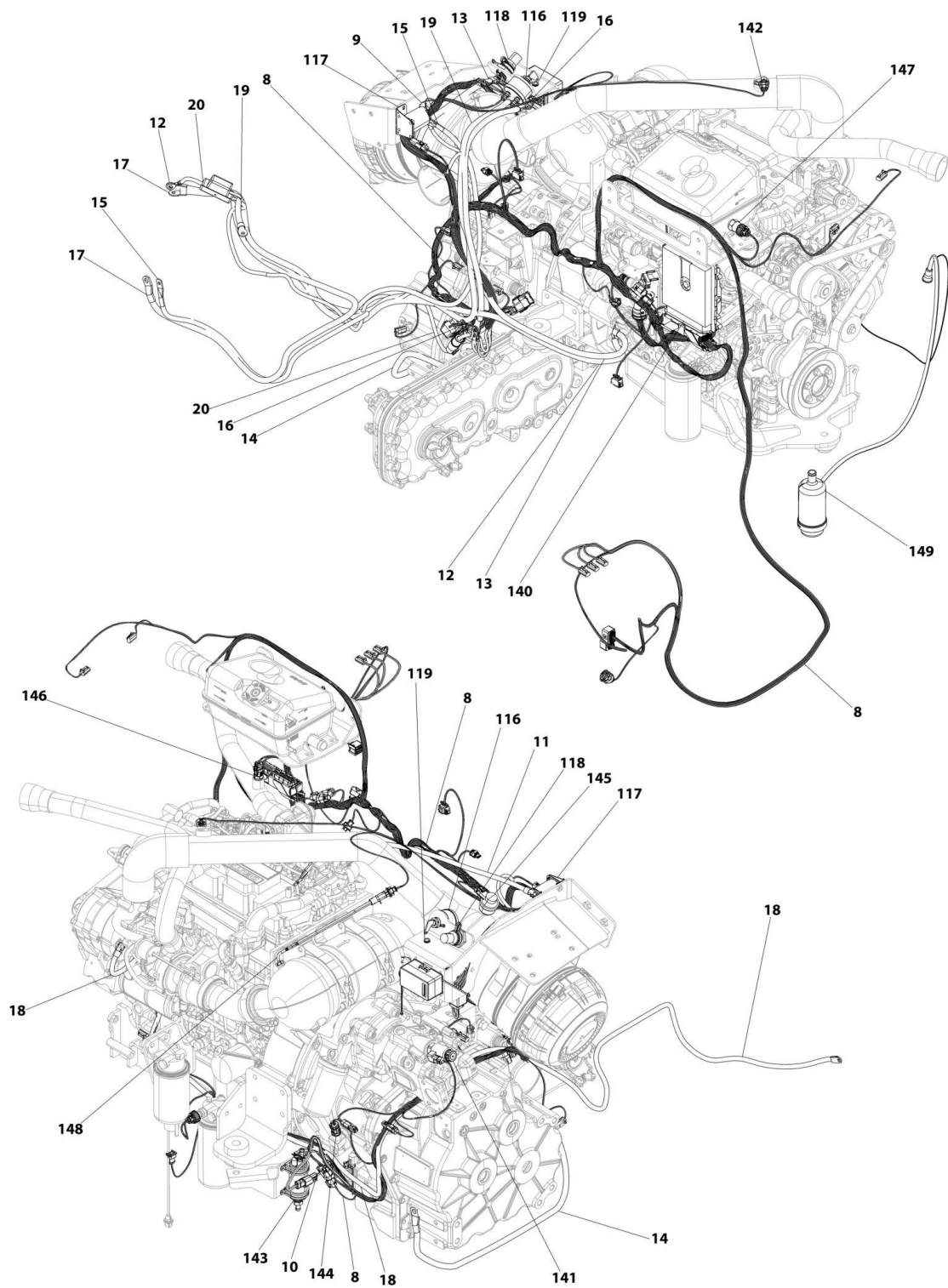
ART_925-ELECTRICAL_FRAME-HARNESS

SECTION 10 - ELECTRICAL



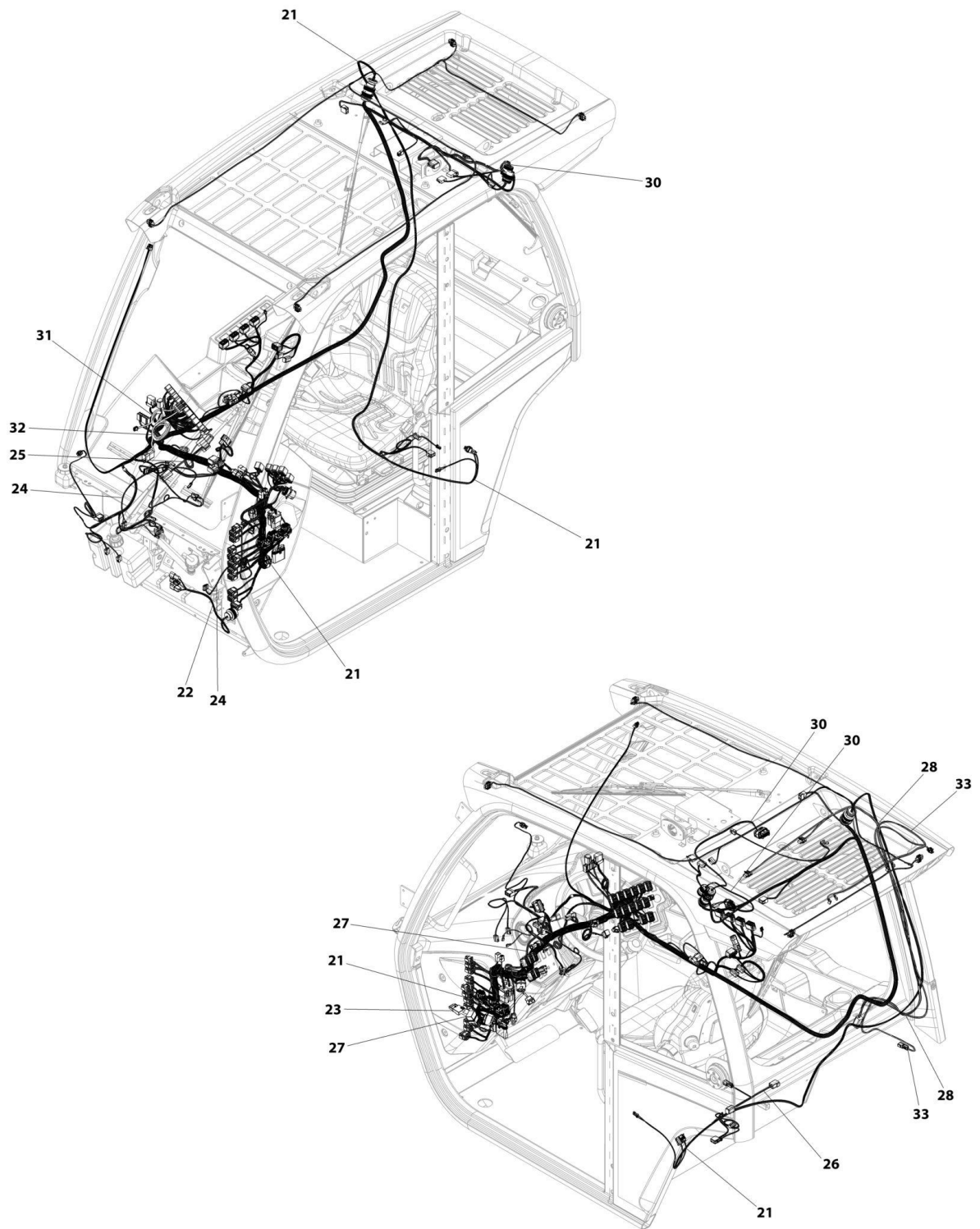
ART_925-ELECTRICAL_FRAME-COMPONENT

SECTION 10 - ELECTRICAL



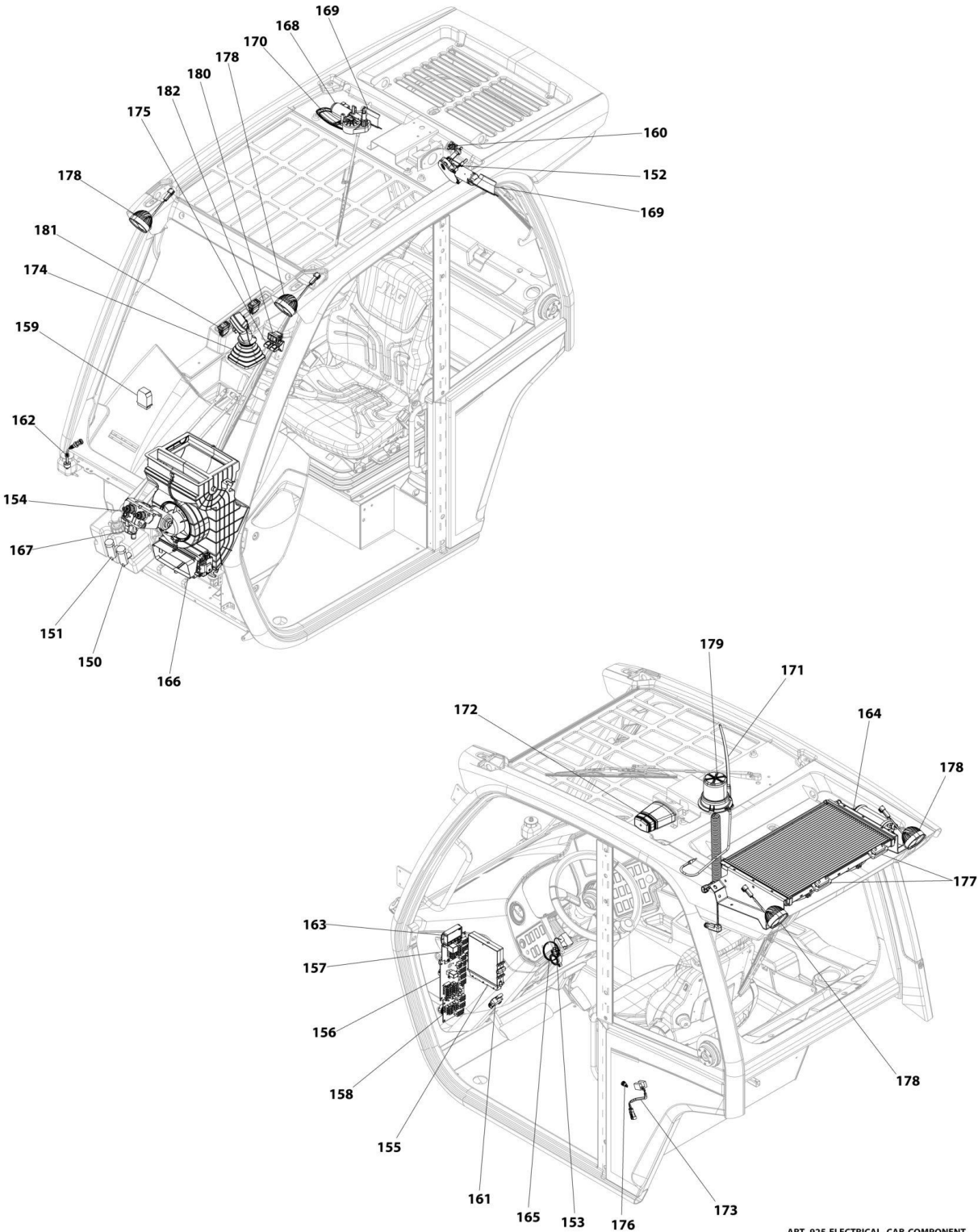
ART_925-ELECTRICAL_ENGINE_DEUTZ3-6-90KW

SECTION 10 - ELECTRICAL



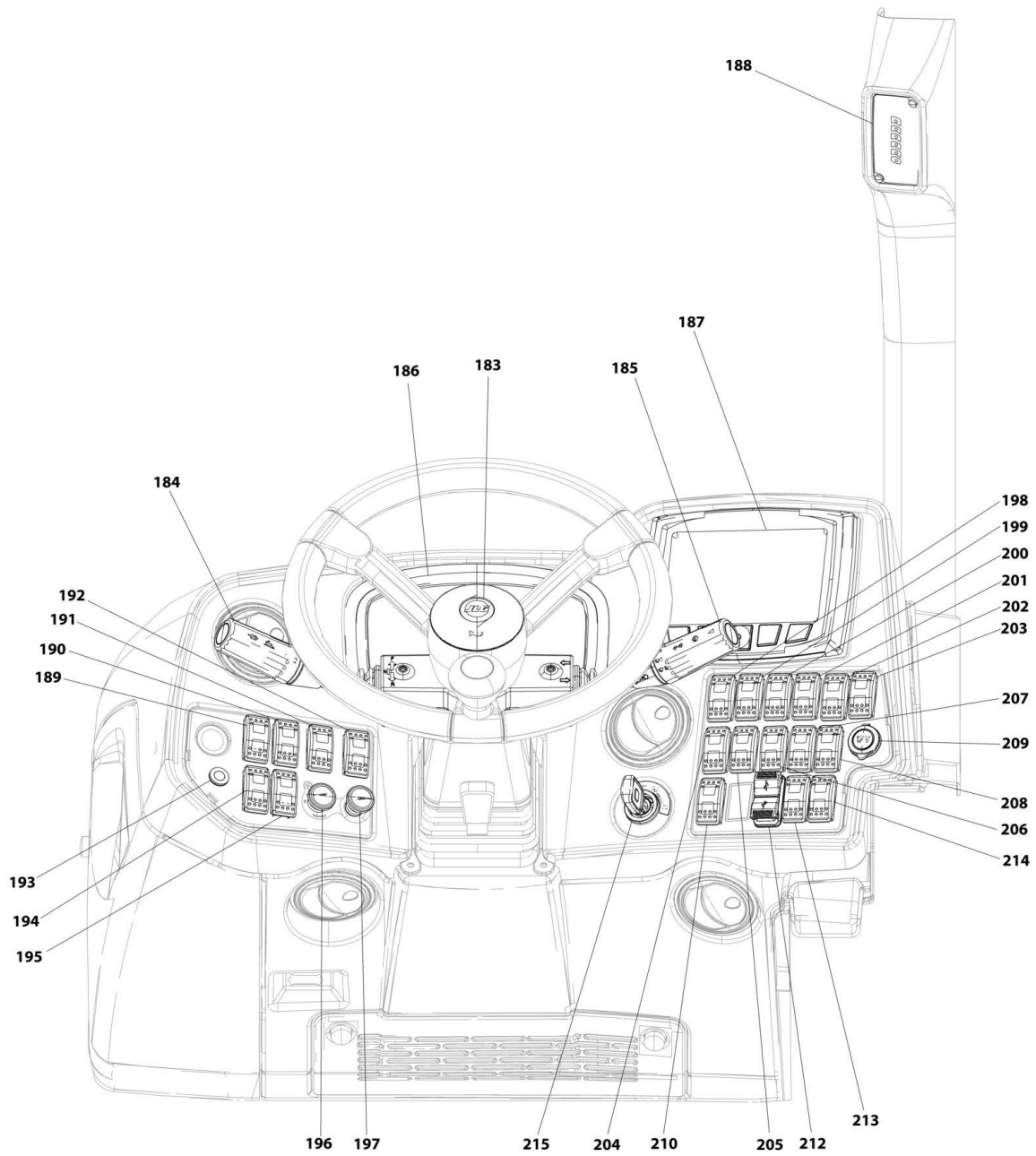
ART_823-ELECTRICAL_CAB-HARNESS

SECTION 10 - ELECTRICAL



ART_925-ELECTRICAL_CAB-COMPONENT

SECTION 10 - ELECTRICAL



ART_823-ELECTRICAL_CONTROLS

SECTION 10 - ELECTRICAL

FIGURE 10-1. 823 ELECTRICAL LAYOUT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: This figure is for identifying part location only.	
		Ref	HARNESS LIST	
1		Ref	Cable, Reverse Camera	
2		Ref	Harness, Reverse Sensor	
3		Ref	Harness, Boom	
4		Ref	Harness, Rear Frame	
5		Ref	Harness, Front Frame	
6		Ref	Harness, Trailer Connector	
7		Ref	Harness, Boom Worklights	
8		Ref	Harness, Engine	
9		Ref	Harness, Glow Plug Relay to Engine Harness	
10		Ref	Harness, Fuel Pump	
11		Ref	Cable, Glow Plug to Relay	
12		Ref	Cable, Battery (+) to Starter	
13		Ref	Cable, Starter to Jump Start Stud	
14		Ref	Cable, Ground Buss to Engine Ground	
15		Ref	Cable, PDM to Glow Plug Relay	
16		Ref	Cable, Disconnect to Ground Buss	
17		Ref	Cable, Battery (+) to PDM	
18		Ref	Cable, Alternator Power	
19		Ref	Cable, Battery (-) to Disconnect	
20		Ref	Cable, ECM Power	
21		Ref	Harness, Cab	
22		Ref	Harness, Cab Option	
23		Ref	Cable, Communication Analyzer	
24		Ref	Harness, HVAC Actuator	
25		Ref	Harness, Ignition Switch	
26		Ref	Harness, Seat Adaptor	
27		Ref	Harness, Seat Belt Alarm	
28		Ref	Harness, A/C Option	
30		Ref	Harness, Telematics (Telematics Mounted On Top Of Cab Roof)	
30		Ref	Harness, Telematics (with Short Roof Cap & No A/C)	
30		Ref	Harness, Telematics (with Long Roof Cap & A/C)	
31		Ref	Cable, Display Programming	
32		Ref	Cable, Display Video	
33		Ref	Harness, License Plate Light	
		Ref	COMPONENT LIST	
101		Ref	Sensor, Steer	
102		Ref	Solenoids, Hydraulic Cooling Fan	
103		Ref	Solenoids, Engine Cooling Fan	
104		Ref	Headlight	
105		Ref	Light, Side Marker	
106		Ref	Alarm, Backup	
107		Ref	Worklights	
108		Ref	Module, Rear Frame	
109		Ref	Camera, Reverse	
110		Ref	Sensor, Reverse	
111		Ref	Sensor, Rear Axle	
112		Ref	Solenoids, Priority Valve	
113		Ref	Solenoids, Ride Control Valve	

SECTION 10 - ELECTRICAL

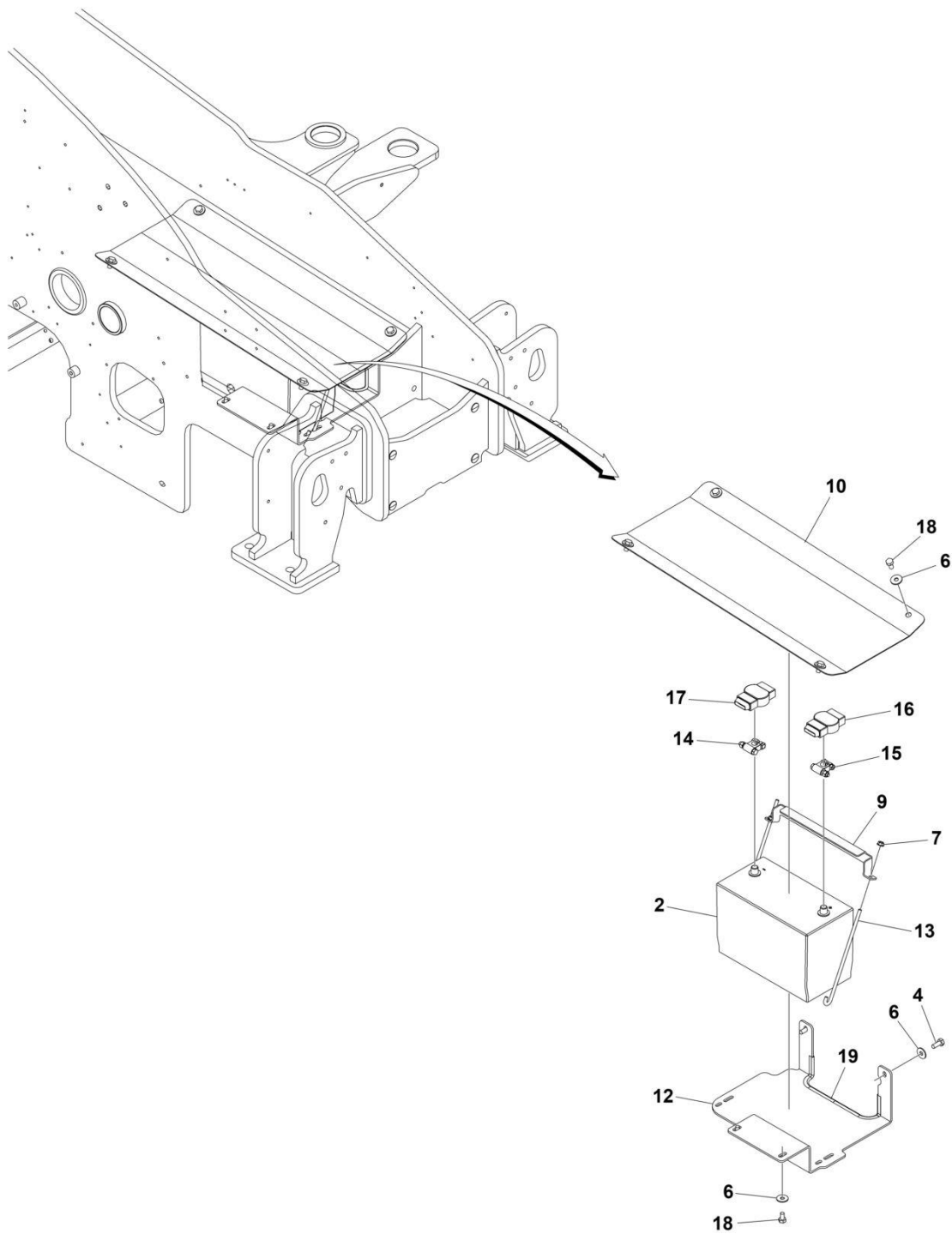
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
114		Ref	Solenoid, Trailer Brake Valve	
115		Ref	Battery	
116		Ref	Switch, Battery Disconnect	
117		Ref	Relay	
118		Ref	Battery Jump Start Stud	
119		Ref	Light, DEF Purge Indicator	
120		Ref	Solenoids, Boom Quick Switch Valve	
121		Ref	Module, Front Frame	
122		Ref	Box, Power Distribution Electrical	
123		Ref	Horn	
124		Ref	Solenoids, Steer Select Valve	
125		Ref	Hose, Heated (DEF)	
126		Ref	Module, DEF Tank	
127		Ref	Pump, DEF Module	
128		Ref	Solenoids, Def Tank	
129		Ref	Fuel Pump	
130		Ref	Sensor, Hydraulic Oil Temperature	
131		Ref	Switch, Hydraulic Oil Pressure	
132		Ref	Solenoids, Main Control Valve	
133		Ref	Sensor, Boom Angle	
134		Ref	Solenoid, Rear Aux Divertor Valve	
135		Ref	Solenoids, Hi-Flow Divertor Valve	
136		Ref	Sensor, Proximity	
137		Ref	Connector, Electrical (Trailer)	
138		Ref	Taillight	
139		Ref	Solenoids, Hitch Control Valve	
140		Ref	Module, Engine Control	
141		Ref	Solenoid, Implement Pump	
142		Ref	Sensor, Ambient Air Temperature	
143		Ref	Fuel Pump	
144		Ref	Sensor, Temperature	
145		Ref	Sensor, Air Restriction	
146		Ref	Sensor, Engine Coolant Temperature	
147		Ref	Sensor, Coolant Level	
148		Ref	Sensor, Temperature	
149		Ref	Heater, Engine Block	
150		Ref	Pump, Windshield Washer	
151		Ref	Pump, Rear Window Washer	
152		Ref	Motor, Rear Wiper	
153		Ref	Sensor, Throttle	
154		Ref	Motor, Front Wiper	
155		Ref	Module, Cab	
156		Ref	Electrical Board, Standard	
157		Ref	Electrical Board, Option 1	
158		Ref	Electrical Board, Option 2	
159		Ref	Module, Wipers	
160		Ref	Plug, 12V Power	
161		Ref	Sensor, Brake	
162		Ref	Sensor, Brake Fluid Level	
163		Ref	HVAC Actuator	
164		Ref	Assembly, Cab Condenser	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
165		Ref	Sensor, HVAC Thermostat	
166		Ref	Assembly, Heater & A/C	
167		Ref	Valve, HVAC	
168		Ref	Motor, Roof Wiper	
169		Ref	Speakers	
170		Ref	Lamp, Dome	
171		Ref	Antenna, Radio	
172		Ref	Module, ClearSky Telematics	
173		Ref	Sensor, Parking Brake	
174		Ref	Joystick	
175		Ref	Control, Fingertip Joystick	
176		Ref	Switch, Trailer Brake	
177		Ref	Light, License Plate	
178		Ref	Worklights	
179		Ref	Beacon	
180		Ref	Switch, Hitch Up/Down	
181		Ref	Switch, Transmission Disconnect	
182		Ref	Switch, Engine Speed Set	
183		Ref	Horn	
184		Ref	Lever, Transmission Control	
185		Ref	Lever, Accessory Control	
186		Ref	Instrument Panel	
187		Ref	Multifunction Display	
188		Ref	Display, LSI	
189		Ref	Switch, Lift/Loader	
190		Ref	Switch, Continuous Auxiliary Hydraulic	
191		Ref	Switch, Air Conditioning	
192		Ref	Switch, HVAC Recirculation	
193		Ref	Light, Seat Belt Indicator	
194		Ref	Switch, LSI Override	
195		Ref	Switch, Coupler	
196		Ref	HVAC Fan Speed	
197		Ref	Switch, HVAC Temperature Control	
198		Ref	Switch, Fog Lights	
199		Ref	Switch, Front Work Lights	
200		Ref	Switch, Boom Work Lights	
201		Ref	Switch, Rear Work Lights	
202		Ref	Switch, Beacon Light	
203		Ref	Switch, Hazard Lights	
204		Ref	Switch, Rear Wiper	
205		Ref	Switch, Roof Wiper	
206		Ref	Switch, Bucket Mode	
207		Ref	Switch, Boom Ride Control	
208		Ref	Switch, Auxiliary Decompression	
209		Ref	Power Outlet	
210		Ref	Switch, Steer Select	
212		Ref	USB Port	
213		Ref	Switch, Reversing Fan	
214		Ref	Switch, Master Light and Road Lights	
215		Ref	Switch, Ignition	

SECTION 10 - ELECTRICAL

FIGURE 10-2. BATTERY INSTALLATION (STANDARD)



ART_1001180267_J

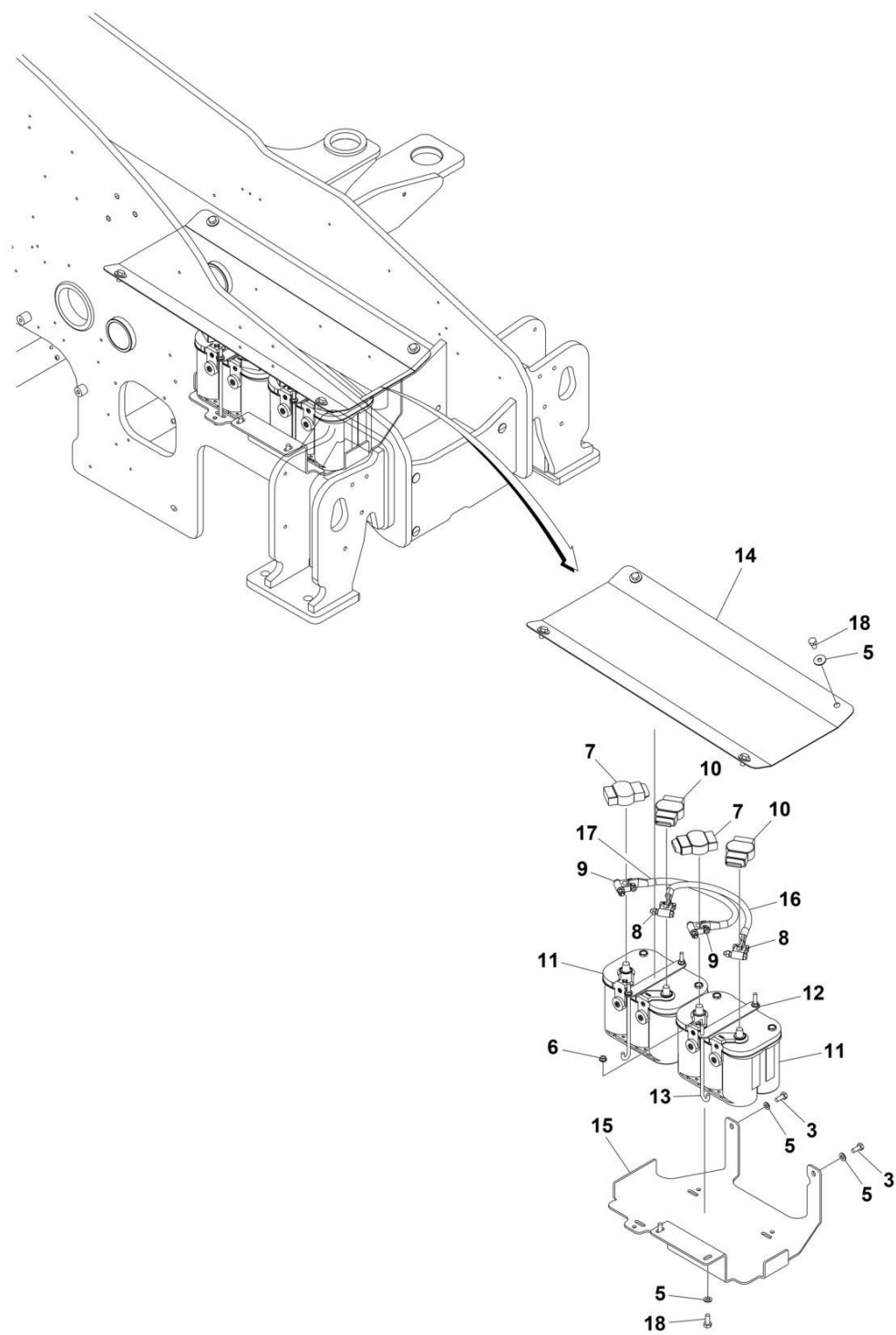
SECTION 10 - ELECTRICAL

FIGURE 10-2. BATTERY INSTALLATION (STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180267	Ref	BATTERY INSTALLATION (STANDARD)	J
2	0400075	1	Battery, 12V	
4	0761012	2	Bolt M10 x 25	
6	4812002	8	Washer M10	
7	5220800	2	Nut M8	
9	1001141596	1	Plate	
10	1001179221J	1	Cover	
12	1001217179	1	Tray	
13	1001179586	2	J-Bolt	
14	8270147	1	Clamp	
15	8270148	1	Clamp	
16	7301893	1	Insulator, Battery Terminal	
17	1001145300	1	Insulator, Battery Terminal	
18	0761009	6	Bolt M10 x 18	
19	1001208037	1	Seal	

SECTION 10 - ELECTRICAL

FIGURE 10-3. BATTERY INSTALLATION (DUAL)



ART_1001179197_E

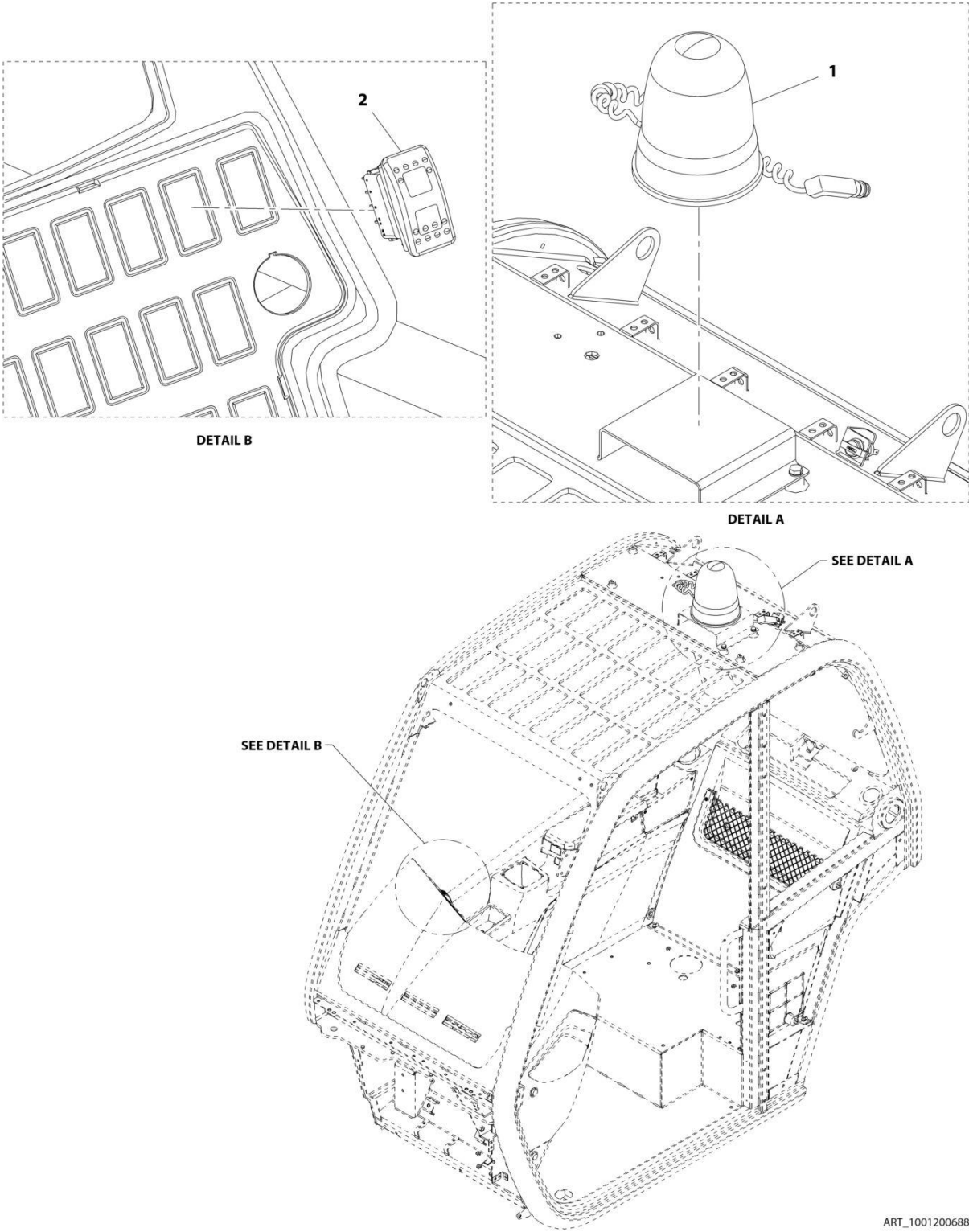
SECTION 10 - ELECTRICAL

FIGURE 10-3. BATTERY INSTALLATION (DUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179197	Ref	BATTERY INSTALLATION (DUAL)	E
3	0761012	2	Bolt M10 x 25	
5	4812002	8	Washer M10	
6	5220800	4	Nut M8	
7	7301893	2	Insulator, Battery Terminal	
8	8270147	2	Clamp	
9	8270148	2	Clamp	
10	1001145300	2	Insulator, Battery Terminal	
11	1001167212	2	Battery	
12	1001179585	2	Bracket	
13	1001179586	4	Bolt	
14	1001179221J	1	Cover	
15	1001230622	1	Tray	
16	1001189339	1	Cable	
17	1001189338	1	Cable	
18	0761009	6	Bolt M10 x 18	
19	1001208037	1	Seal (Not Shown)	

SECTION 10 - ELECTRICAL

FIGURE 10-4. BEACON/STROBE INSTALLATION



ART_1001200688-B

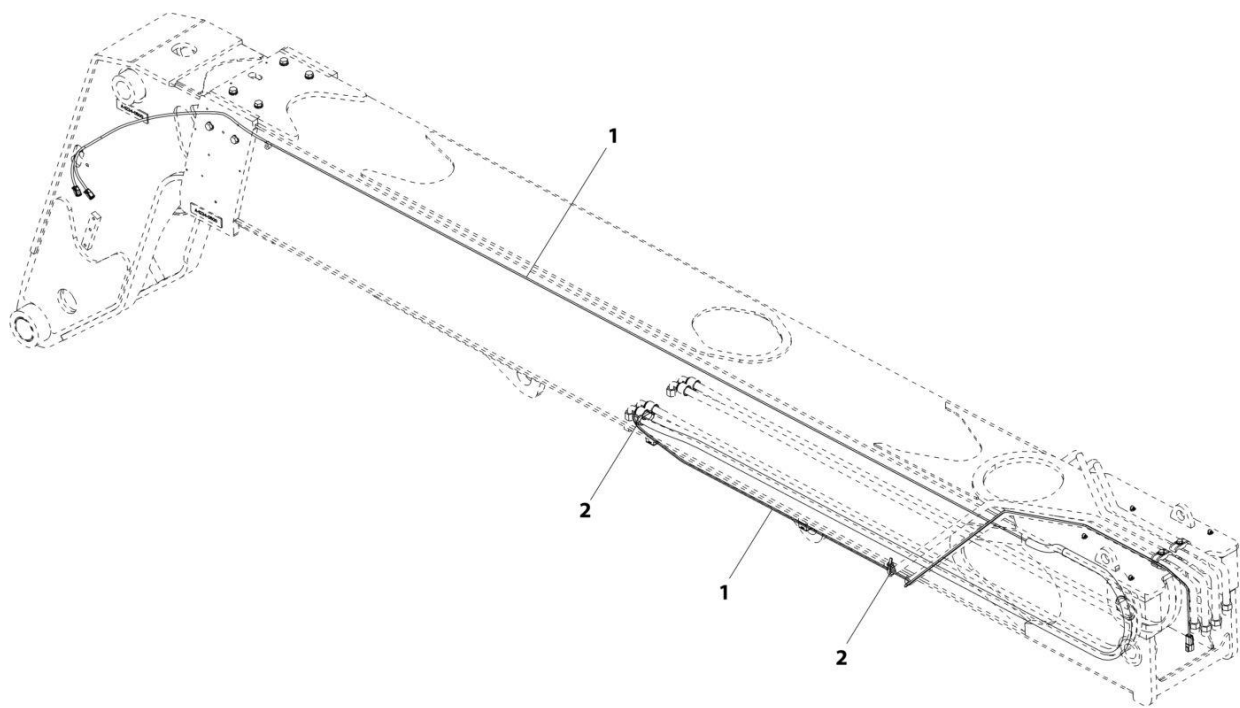
SECTION 10 - ELECTRICAL

FIGURE 10-4. BEACON/STROBE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200688	Ref	BEACON LIGHT INSTALLATION	B
1	1001217623	1	Light, Warning	
2	1001159738	1	Switch, Beacon	

SECTION 10 - ELECTRICAL

FIGURE 10-5. BOOM HARNESS INSTALLATION



ART_1001186169-C

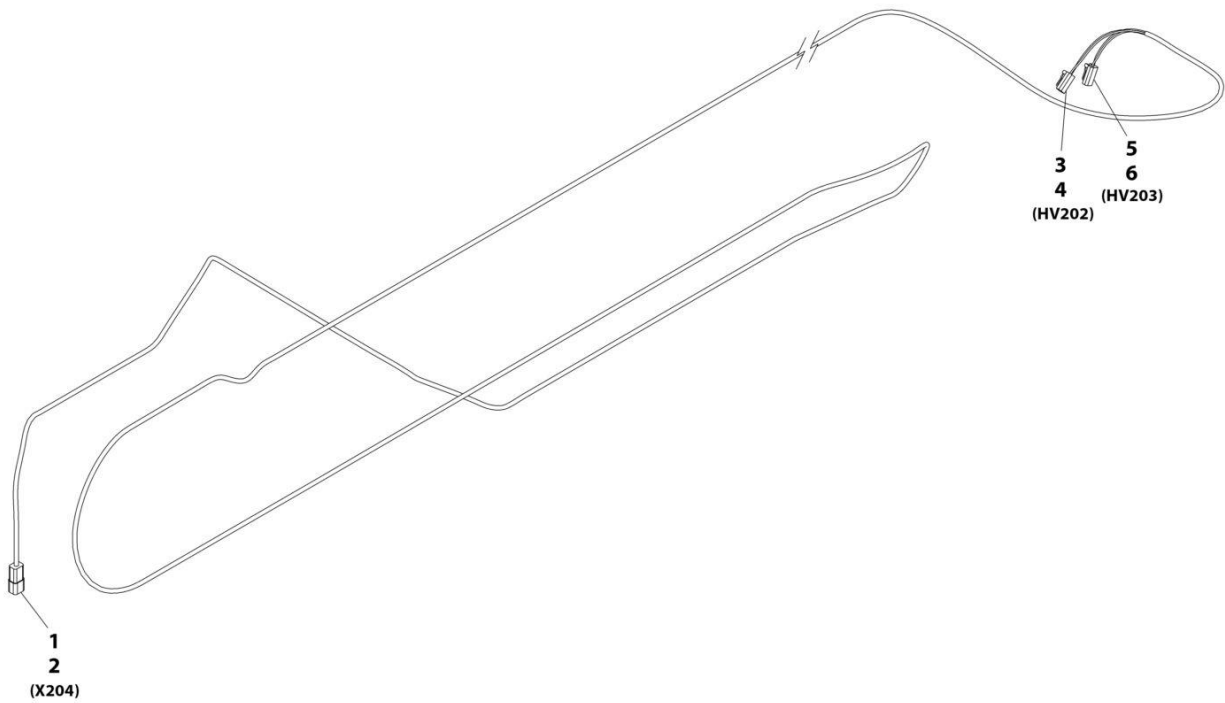
SECTION 10 - ELECTRICAL

FIGURE 10-5. BOOM HARNESS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186169	Ref	Boom Harness Installation	C
1	1001184420	1	Harness, Boom (See Separate Breakdown in this Section)	
2	1001008923	AR	Strap, Cable Tie	

SECTION 10 - ELECTRICAL

FIGURE 10-6. BOOM HARNESS



ART_1001184420-C

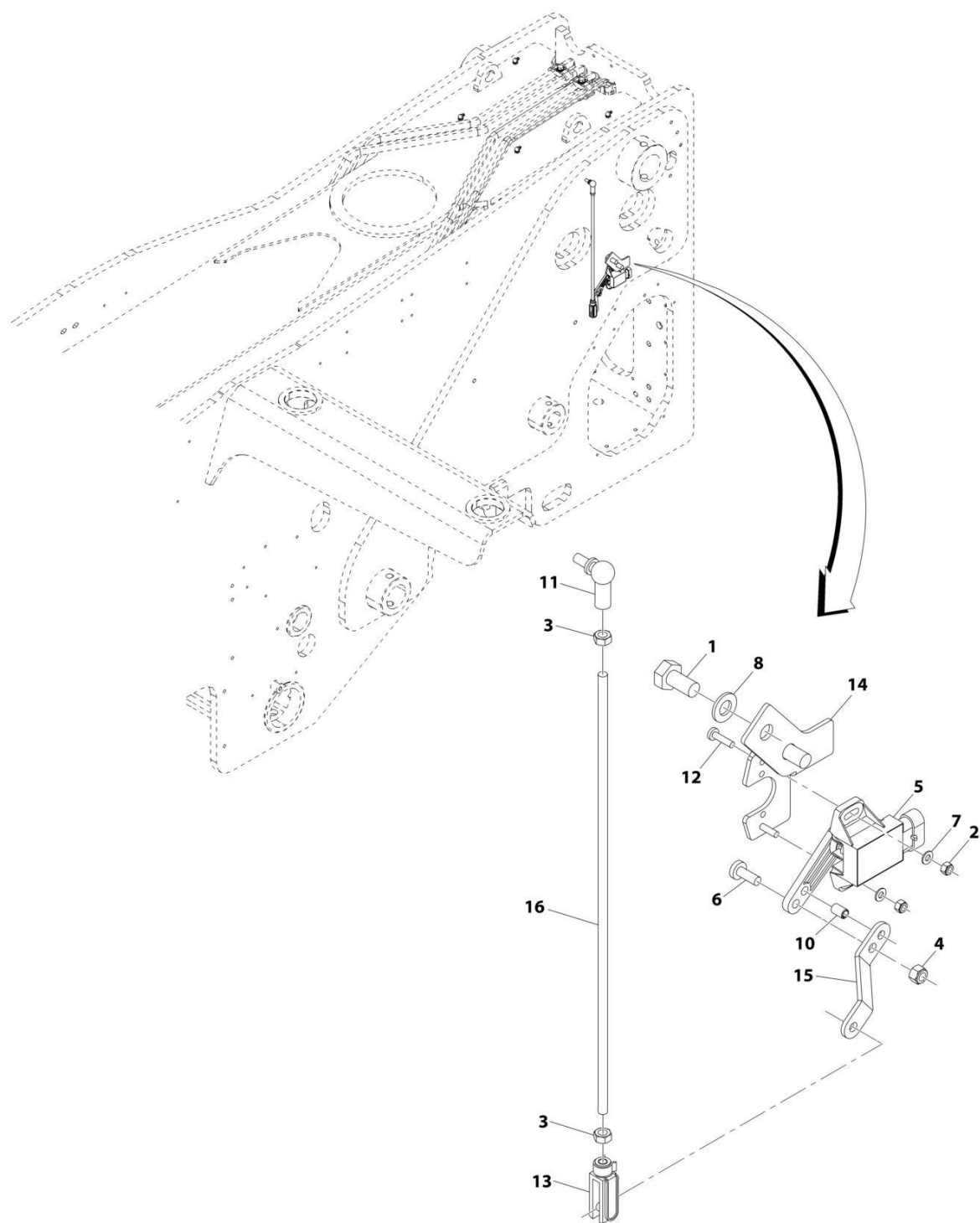
SECTION 10 - ELECTRICAL

FIGURE 10-6. BOOM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184420	Ref	Boom Harness	C
1	4460932	1	Connector	
2	4460464	4	Terminal	
3	4460891	1	Connector	
4	4460465	2	Terminal	
5	4460891	1	Connector	
6	4460465	2	Terminal	

SECTION 10 - ELECTRICAL

FIGURE 10-7. BOOM ANGLE SENSOR INSTALLATION



ART_1001179937-C

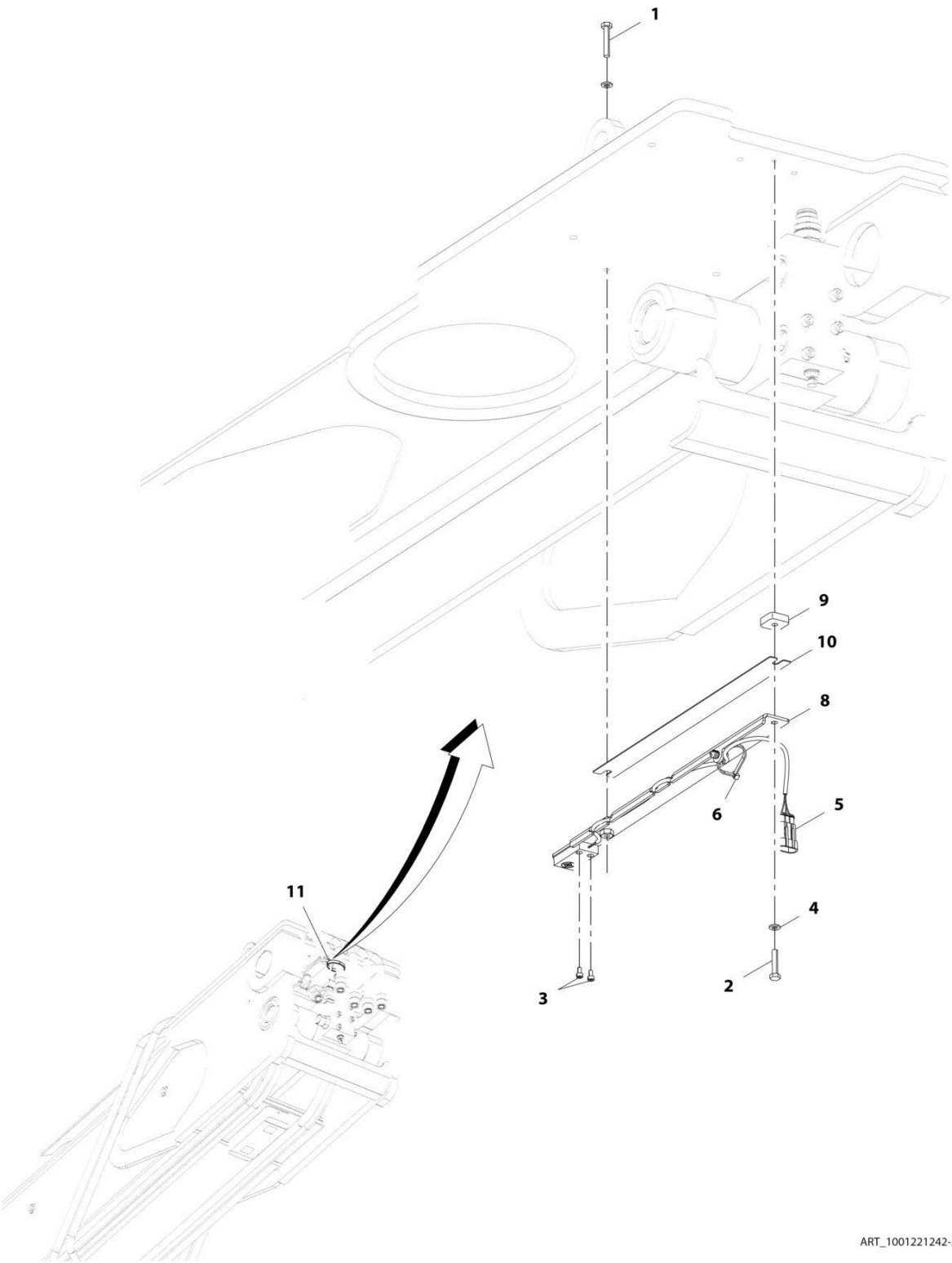
SECTION 10 - ELECTRICAL

FIGURE 10-7. BOOM ANGLE SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179937	Ref	BOOM ANGLE SENSOR INSTALLATION	D
1	0761010	2	Bolt M10 x 20	
2	3290405	2	Nut, Lock M4 x 0.7	
3	3290601	2	Nut M6 x 1	
4	3290605	1	Nut, Lock M6 x 1	
	1001278028	1	Sensor, Boom Angle	
6	4010608	1	Screw M6 x 16	
7	4811400	2	Washer M4	
8	4812000	2	Washer M10	
10	1001103156	1	Pin	
11	1001103300	1	Ball, Joint	
12	1001126837	2	Screw M4 x 16	
13	1001134274	1	Clevis	
14	1001187851	1	Bracket	
15	1001187852	1	Link	
16	1001187853	1	Rod	

SECTION 10 - ELECTRICAL

FIGURE 10-8. BOOM RETRACT SENSOR INSTALLATION



ART_1001221242-A

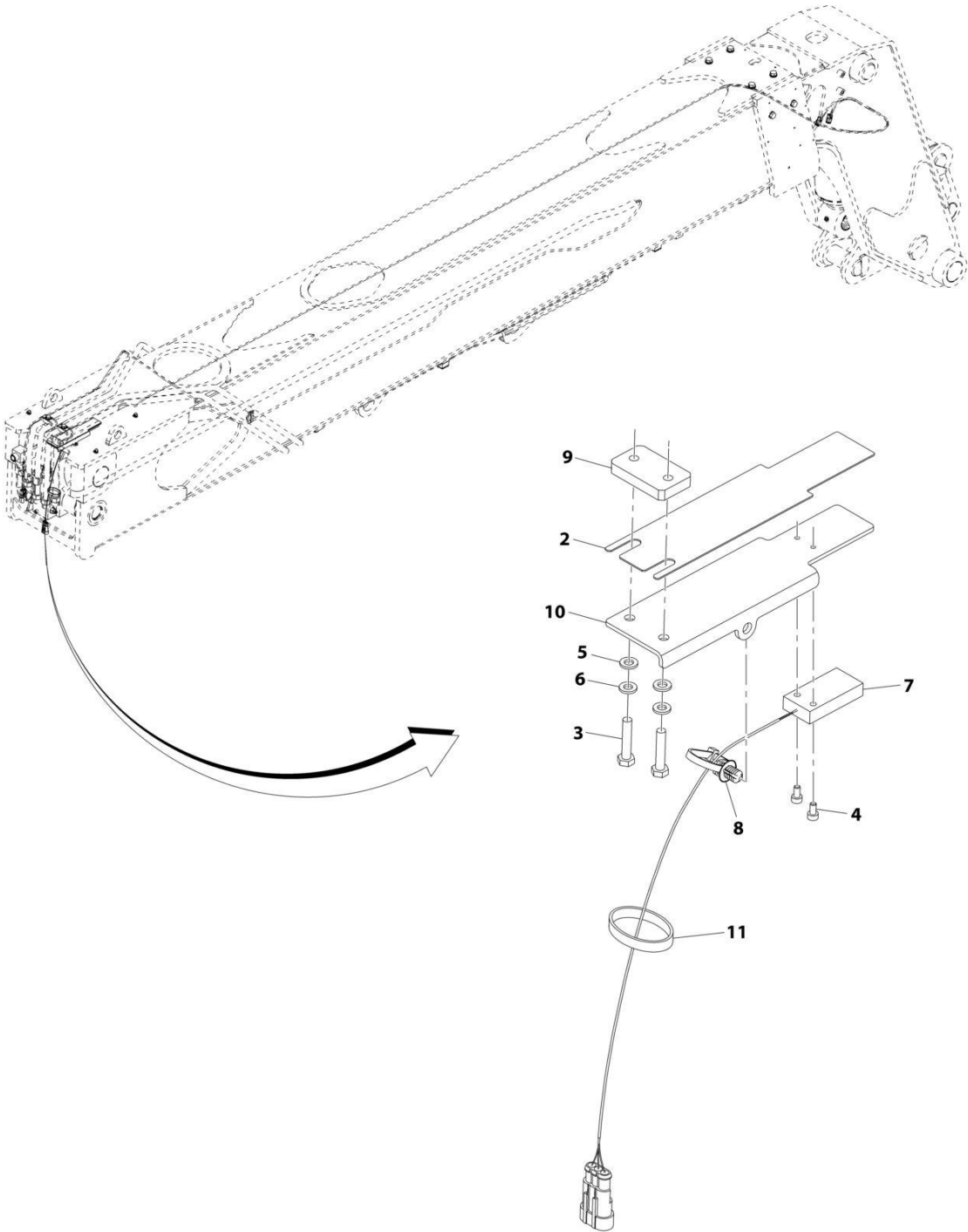
SECTION 10 - ELECTRICAL

FIGURE 10-8. BOOM RETRACT SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221242	Ref	Boom Retract Sensor Installation	A
1	0700615	1	Bolt, M6X35	
2	0760614	1	Bolt, M6X30	
3	4031504	2	Screw, M4X8	
4	4811700	2	Washer, M6	
5	1001121021	1	Sensor, Proximity	
6	1001146588	1	Strap, Cable	
8	1001221249	1	Bracket	
9	1001221257	1	Plate	
10	1001221293	1	Shim	
11	1001008923	1	Strap, Cable	

SECTION 10 - ELECTRICAL

FIGURE 10-9. BOOM RETRACT SENSOR INSTALLATION



ART_1001184856-D

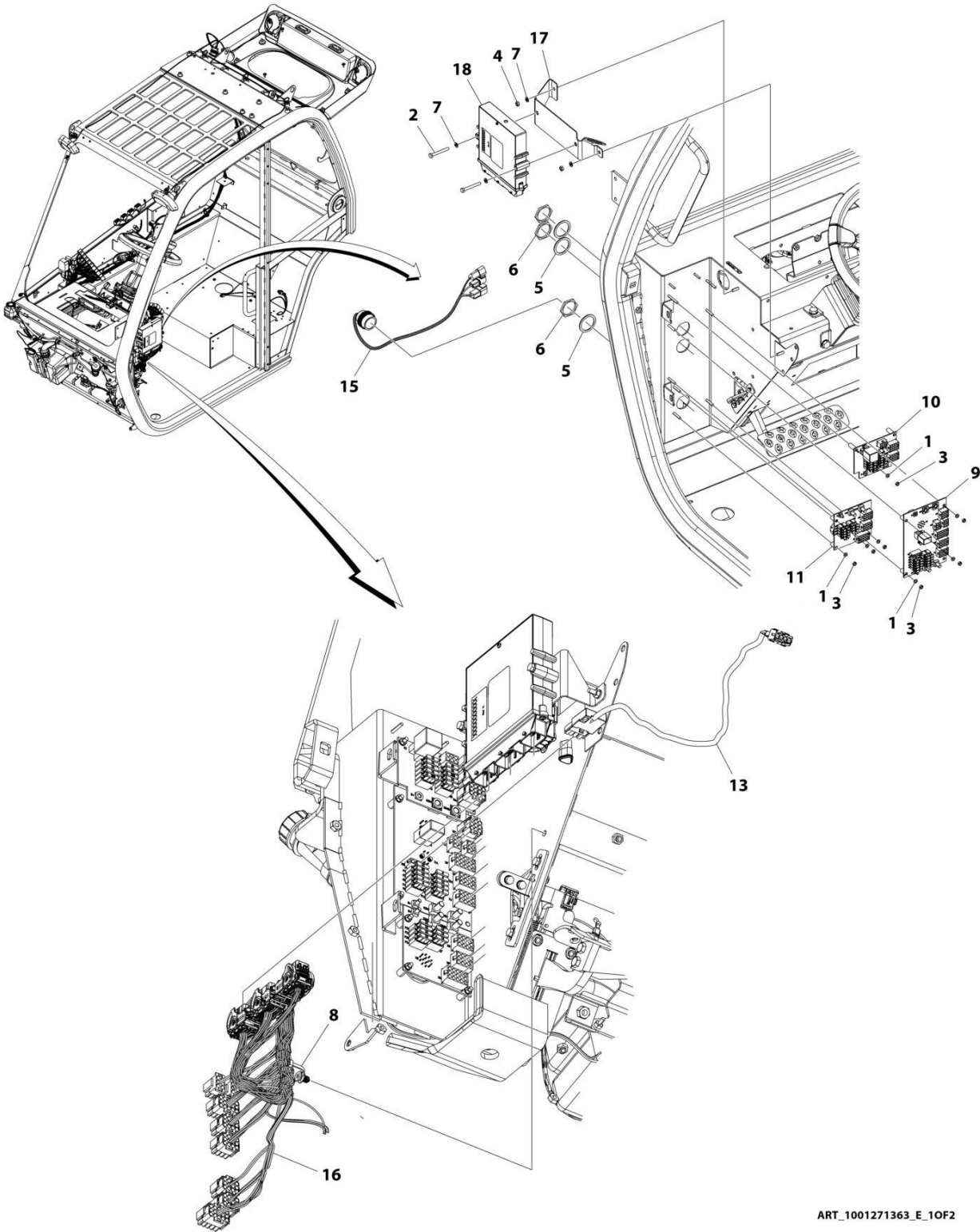
SECTION 10 - ELECTRICAL

FIGURE 10-9. BOOM RETRACT SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184856	Ref	Boom Retract Sensor Installation	D
2	1001199299	AR	Shim, Retract Sensor	
3	0760614	2	Bolt, M6X30	
4	4031504	2	Screw, M4X8	
5	4811700	2	Washer, M6	
6	4831700	2	Washer, Lock M6	
7	1001121021	1	Sensor, Proximity	
8	1001146588	1	Strap, Cable	
9	1001182049	1	Plate	
10	1001218495	1	Bracket	
11	1001008923	1	Strap, Cable	

SECTION 10 - ELECTRICAL

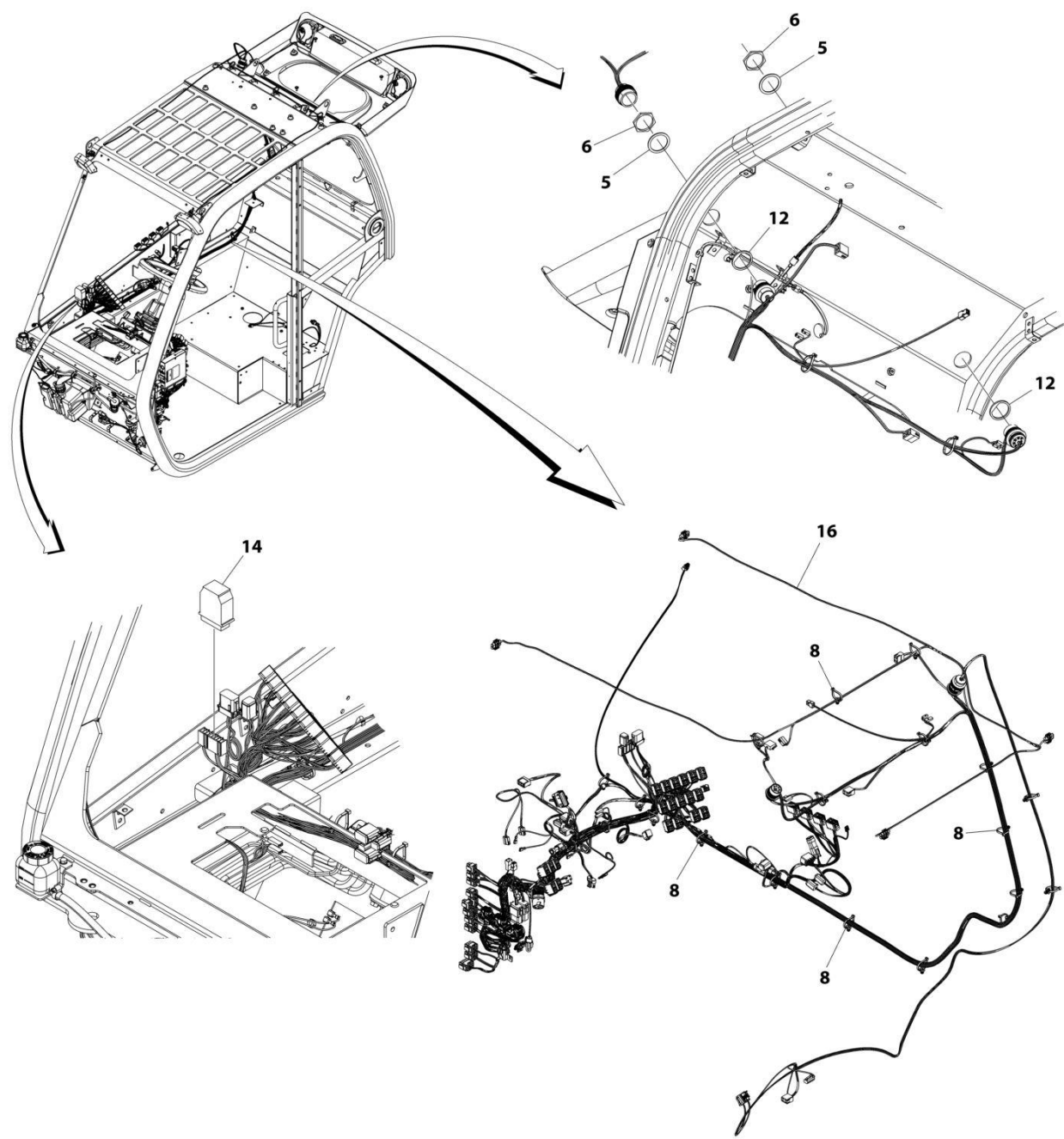
FIGURE 10-10. CAB ELECTRICAL INSTALLATION



ART_1001271363_E_10F2

SECTION 10 - ELECTRICAL

FIGURE 10-11. CAB ELECTRICAL INSTALLATION



ART_1001271363_E_20F2

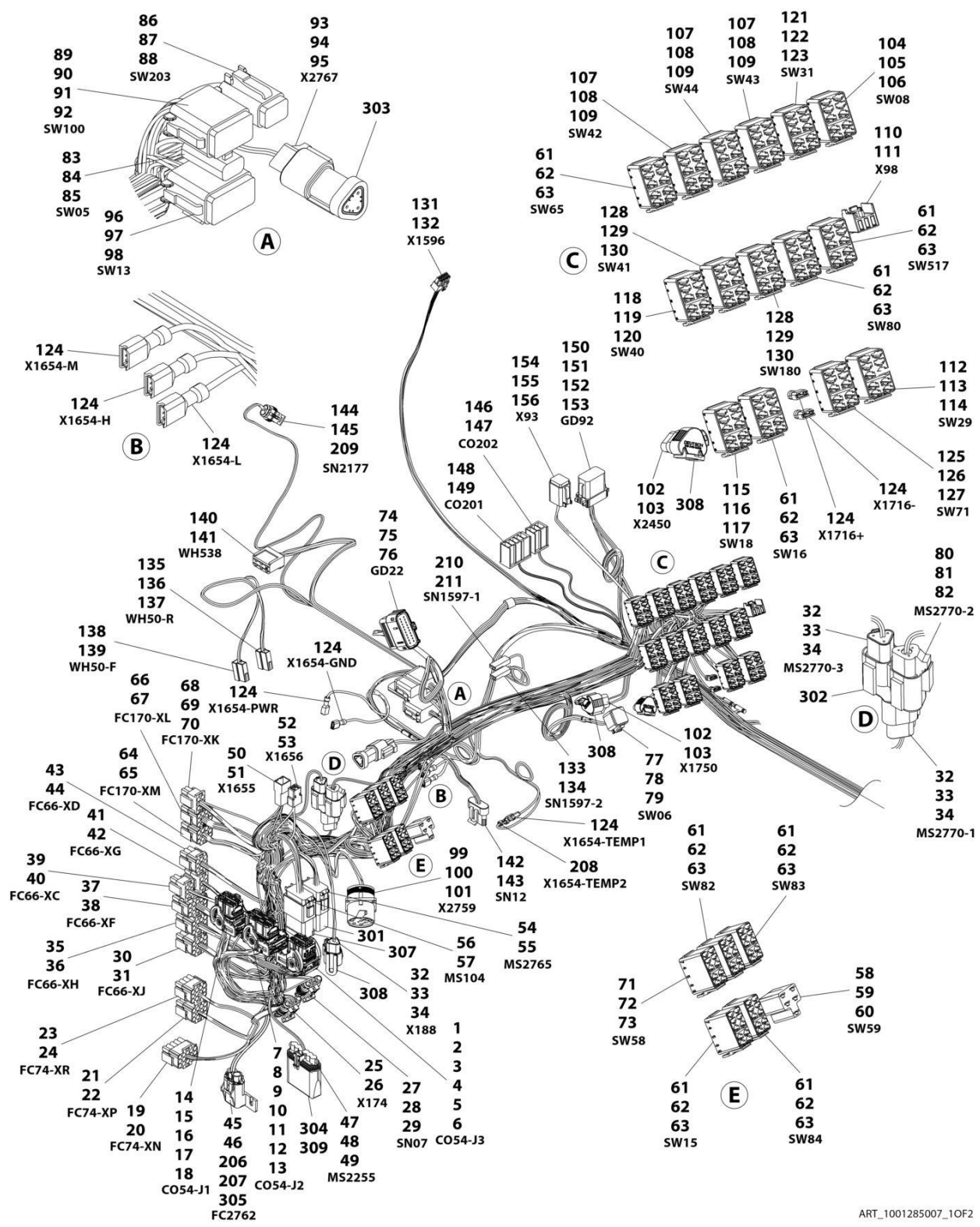
SECTION 10 - ELECTRICAL

FIGURE 10-11. CAB ELECTRICAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001271363	Ref	CAB ELECTRICAL INSTALLATION	E
1	120034	7	Washer, Plastic	
2	0700618	2	Bolt M6 x 50	
3	3290501	7	Nut M5	
4	3290601	2	Nut M6	
5	4460496	5	Washer, Terminal Lock	
6	4460497	5	Nut, Terminal	
7	4811700	4	Washer M6	
8	1001146588	23	Strap, Cable Tie	
9	1001161769	1	Assembly, Standard Electrical Board (See Separate Breakdown in this Section)	
10	1001161770	1	Assembly, Option 1 Electrical Board (See Separate Breakdown in this Section)	
11	1001161771	1	Assembly, Option 2 Electrical Board (See Separate Breakdown in this Section)	
12	1001211693	2	Seal	
13	1001213988	1	Cable, Communication Analyzer	
14	1001214281	1	Module, Wipers	
15	1001265358	1	Harness, Cab Option LBP (See Separate Breakdown in this Section)	
16	1001285007	1	Harness, Cab (See Separate Breakdown in this Section)	
17	1001270180	1	Bracket	
18	1001270466	1	Module, Cab Control	

SECTION 10 - ELECTRICAL

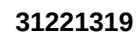
FIGURE 10-12. CAB HARNESS



ART_1001285007_1OF2

724

823



ART_1001285007_2OF2

SECTION 10 - ELECTRICAL

FIGURE 10-13. CAB HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285007	Ref	CAB HARNESS	C
1	1001161959	1	Connector	
2	1001161095	12	Terminal	
3	1001161097	7	Terminal	
4	1001161098	2	Terminal	
5	1001161100	4	Plug, Terminal	
6	1001161101	7	Plug, Terminal	
7	1001160502	1	Connector	
8	1001161095	25	Terminal	
9	1001161097	1	Terminal	
10	1001161098	5	Terminal	
11	1001161099	1	Terminal	
12	1001161100	13	Plug, Terminal	
13	1001161101	2	Plug, Terminal	
14	1001160498	1	Connector	
15	1001161095	24	Terminal	
16	1001161098	6	Terminal	
17	1001161099	1	Terminal	
18	1001161101	1	Plug, Terminal	
19	4460434	1	Connector	
20	4460268	5	Terminal	
21	4460343	1	Connector	
22	4460268	6	Terminal	
23	4460343	1	Connector	
24	4460267	4	Terminal	
25	4461262	1	Connector	
26	1001107854	3	Terminal	
27	1001103012	1	Connector	
28	1001116697	2	Terminal	
29	1001116698	2	Plug, Terminal	
30	4460343	1	Connector	
31	4460267	11	Terminal	
32	1001116812	3	Connector	
33	4460944	6	Terminal	
34	4460466	3	Plug, Terminal	
35	4460343	1	Connector	
36	4460268	9	Terminal	
37	4460434	1	Connector	
38	4460268	14	Terminal	
39	4460225	1	Connector	
40	4460267	3	Terminal	
41	4460225	1	Connector	
42	4460268	5	Terminal	
43	4460265	1	Connector	
44	4460268	7	Terminal	
45	1001231397	1	Connector	
46	1001231399	1	Terminal	
47	4460744	1	Connector	
48	4460746	4	Terminal	
49	1001116727	2	Plug, Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001116999	1	Connector	
51	1001116700	4	Terminal	
52	1001116991	2	Connector	
53	1001118384	4	Terminal	
54	4460930	1	Connector	
55	4460465	8	Terminal	
56	4460933	1	Connector	
57	4460465	12	Terminal	
58	1001173411	1	Connector	
59	1001116716	2	Terminal	
60	1001104519	5	Terminal	
61	1001117081	10	Connector	
62	1001116723	60	Terminal	
63	1001118384	10	Terminal	
64	4460343	1	Connector	
65	4460267	7	Terminal	
66	4460343	1	Connector	
67	4460267	7	Terminal	
68	4460225	1	Connector	
69	4460267	5	Terminal	
70	4460906	1	Terminal	
71	1001117081	1	Connector	
72	1001116723	4	Terminal	
73	1001118384	2	Terminal	
74	1001162886	1	Connector	
75	1001162887	7	Terminal	
76	1001163340	13	Plug, Terminal	
77	4460894	1	Connector	
78	4460465	3	Terminal	
79	4460466	3	Plug, Terminal	
80	4460539	3	Connector	
81	4460944	6	Terminal	
82	4460466	3	Plug, Terminal	
83	4460897	1	Connector	
84	4460464	2	Terminal	
85	4460466	1	Plug, Terminal	
86	4460884	1	Connector	
87	4460942	2	Terminal	
88	4460466	2	Plug, Terminal	
89	4460836	1	Connector	
90	4460942	3	Terminal	
91	4460465	8	Terminal	
92	4460466	1	Plug, Terminal	
93	4461095	1	Connector	
94	4460465	2	Terminal	
95	4460466	1	Plug, Terminal	
96	4460933	1	Connector	
97	4460465	9	Terminal	
98	4460466	3	Plug, Terminal	
99	1001112612	1	Connector	
100	4460464	6	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	4460466	3	Plug, Terminal	
102	4460539	2	Connector	
103	4460465	6	Terminal	
104	1001117079	1	Connector	
105	1001116723	6	Terminal	
106	1001118384	2	Terminal	
107	1001117081	3	Connector	
108	1001116723	6	Terminal	
109	1001118384	12	Terminal	
110	1001118684	1	Connector	
111	1001116754	2	Terminal	
112	1001117081	1	Connector	
113	1001116723	10	Terminal	
114	1001118384	1	Terminal	
115	1001117081	1	Connector	
116	1001116723	6	Terminal	
117	1001118384	5	Terminal	
118	1001117081	1	Connector	
119	1001116723	6	Terminal	
120	1001118384	4	Terminal	
121	1001117081	1	Connector	
122	1001223455	1	Terminal	
123	1001118384	7	Terminal	
124	8220051	8	Connector	
125	1001117081	1	Connector	
126	1001116723	8	Terminal	
127	1001118384	2	Terminal	
128	1001117081	2	Connector	
129	1001223455	8	Terminal	
130	1001118384	6	Terminal	
131	1001150735	1	Connector	
132	1001150737	7	Terminal	
133	1001116995	1	Connector	
134	1001118379	2	Terminal	
135	4460994	1	Connector	
136	1001118384	1	Terminal	
137	1001116723	2	Terminal	
138	4460994	1	Connector	
139	1001118384	2	Terminal	
140	1001116997	1	Connector	
141	1001118384	5	Terminal	
142	1001117064	1	Connector	
143	1001116748	6	Terminal	
144	4461118	1	Connector	
145	1001107854	2	Terminal	
146	1001214687	1	Connector	
147	1001116753	3	Terminal	
148	1001214686	1	Connector	
149	1001116753	5	Terminal	
150	1001176333	1	Connector	
151	4460465	3	Terminal	

SECTION 10 - ELECTRICAL

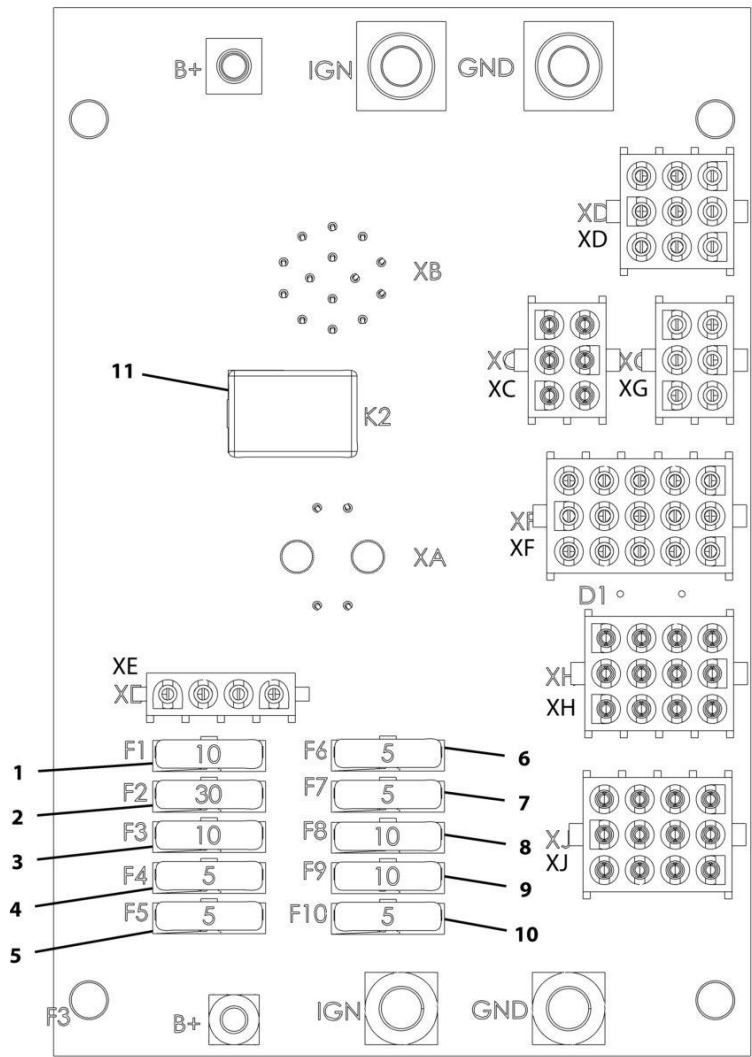
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
152	4460944	2	Terminal	
153	4460466	13	Plug, Terminal	
154	4460930	1	Connector	
155	4460465	2	Terminal	
156	4460466	6	Plug, Terminal	
157	4460894	1	Connector	
158	4460465	3	Terminal	
159	4460944	2	Terminal	
160	4460466	1	Plug, Terminal	
161	4460884	3	Connector	
162	4460942	12	Terminal	
163	1001117081	1	Connector	
164	1001116723	2	Terminal	
165	1001118384	4	Terminal	
166	1001117081	1	Connector	
167	1001116723	12	Terminal	
168	1001118384	1	Terminal	
169	1001184473	1	Connector	
170	1001184479	3	Terminal	
171	1001117081	1	Connector	
172	1001116723	6	Terminal	
173	1001118384	1	Terminal	
174	1001136999	1	Connector	
175	1001126011	15	Terminal	
176	4460518	6	Plug, Terminal	
177	1001116986	2	Connector	
178	1001118384	8	Terminal	
179	1001137000	1	Connector	
180	1001126008	15	Terminal	
181	4460518	6	Plug, Terminal	
182	1001112612	1	Connector	
183	4460464	7	Terminal	
184	4460943	2	Terminal	
185	4460466	4	Plug, Terminal	
186	1001116998	4	Connector	
187	1001118387	4	Terminal	
188	1001116985	1	Connector	
189	1001118386	3	Terminal	
190	1001116984	1	Connector	
191	1001118386	4	Terminal	
192	4461262	1	Connector	
193	1001107854	15	Terminal	
194	1001116698	6	Terminal	
195	4460891	2	Connector	
196	4460465	4	Terminal	
197	1001264844	1	Connector	
198	1001264861	4	Terminal	
199	1001116986	1	Connector	
200	1001118384	1	Terminal	
201	1001116723	2	Terminal	
202	4461115	4	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
203	1001116728	8	Terminal	
204	4460994	1	Connector	
205	1001118384	2	Terminal	
206	1001231400	1	Terminal	
207	1001231404	2	Seal	
208	1001194421	1	Terminal	
209	1001104498	2	Seal	
210	1001116995	1	Connector	
211	1001236622	1	Terminal	
212	1001116998	2	Connector	
213	1001118387	2	Terminal	
301	4460931	1	Connector	
302	4460945	2	Connector, 3 Way Tee	
303	4461070	1	Connector with Resistor	
304	8220375	1	Cap	
305	8229234	1	Fuse 10 Amp	
306	1001116815	1	Connector, Plug	
307	1001125677	1	Bussbar	
308	1001144296	3	Cap	
309	1001177597	2	Model, Diode	
310	1001201070	1	Connector, Resistor	

SECTION 10 - ELECTRICAL

FIGURE 10-14. CAB STANDARD ELECTRICAL BOARD ASSEMBLY



ART_1001161769-C

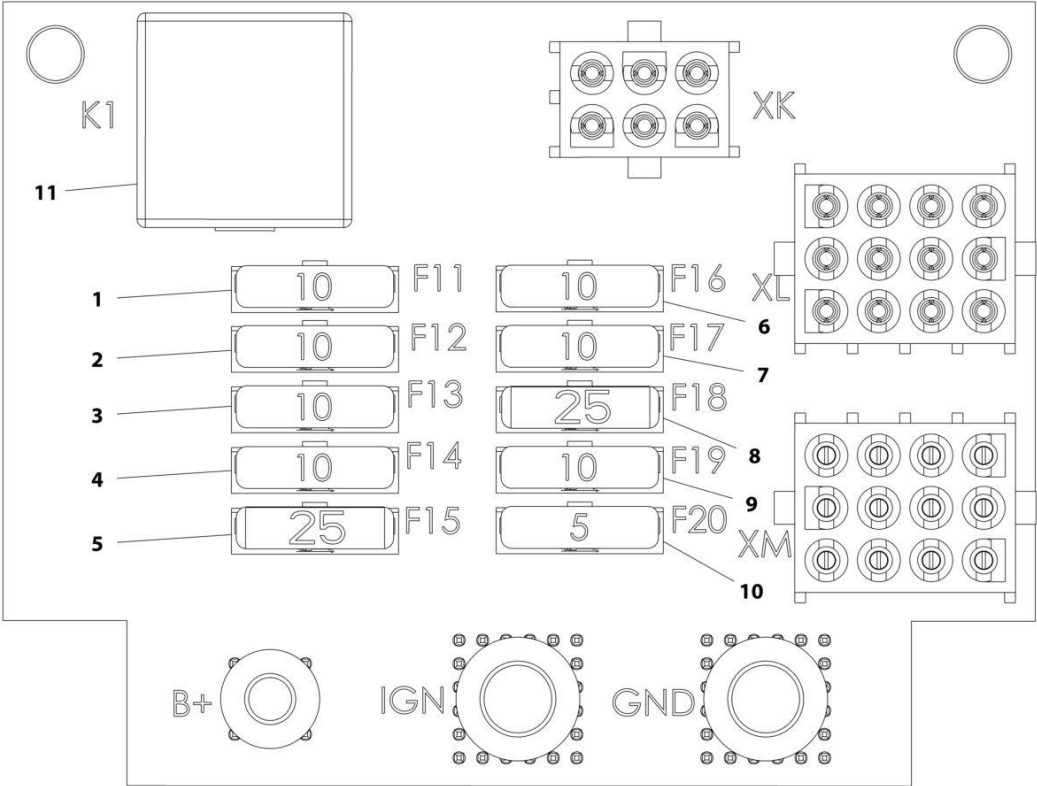
SECTION 10 - ELECTRICAL

FIGURE 10-14. CAB STANDARD ELECTRICAL BOARD ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161769	Ref	Standard Electrical Board Assembly	C
1	80983191	1	Fuse, 10AMP	
2	8229245	1	Fuse, 30AMP	
3	80983191	1	Fuse, 10AMP	
4	8229242	1	Fuse, 5AMP	
5	8229242	1	Fuse, 5AMP	
6	8229242	1	Fuse, 5AMP	
7	8229242	1	Fuse, 5AMP	
8	80983191	1	Fuse, 10AMP	
9	80983191	1	Fuse, 10AMP	
10	8229242	1	Fuse, 5AMP	
11	70026292	1	Fuse, 35AMP	

SECTION 10 - ELECTRICAL

FIGURE 10-15. CAB OPTION 1 ELECTRICAL BOARD ASSEMBLY



ART_1001161770-C

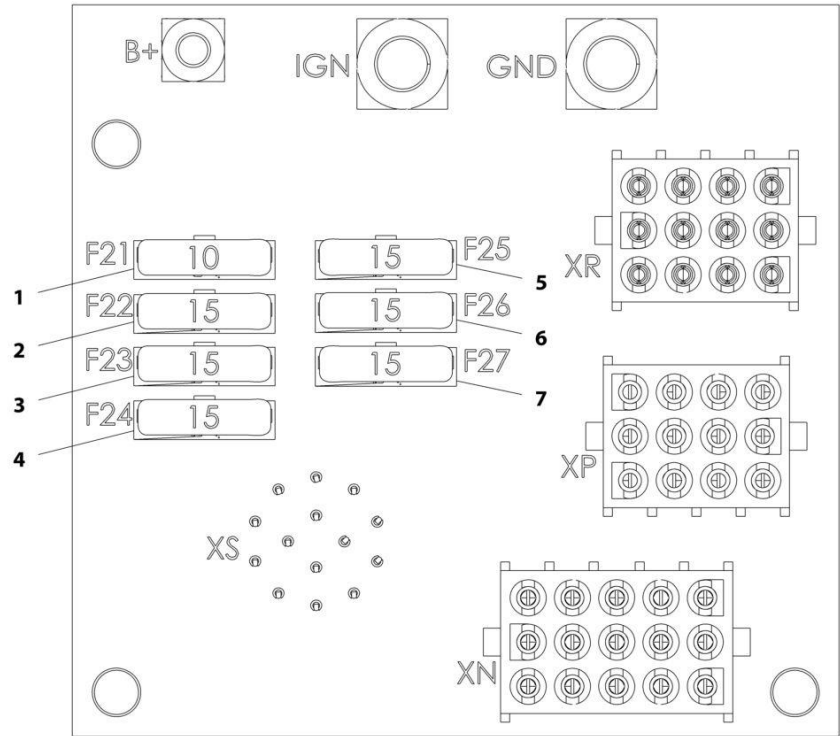
SECTION 10 - ELECTRICAL

FIGURE 10-15. CAB OPTION 1 ELECTRICAL BOARD ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161770	Ref	Option 1 Electrical Board Assembly	C
1	80983191	1	Fuse, 10AMP	
2	80983191	1	Fuse, 10AMP	
3	80983191	1	Fuse, 10AMP	
4	80983191	1	Fuse, 10AMP	
5	8229247	1	Fuse, 25AMP	
6	80983191	1	Fuse, 10AMP	
7	80983191	1	Fuse, 10AMP	
8	8229247	1	Fuse, 25AMP	
9	80983191	1	Fuse, 10AMP	
10	8229242	1	Fuse, 5AMP	
11	70026293	1	Fuse, 50AMP	

SECTION 10 - ELECTRICAL

FIGURE 10-16. CAB OPTION 2 ELECTRICAL BOARD ASSEMBLY



ART_1001161771-B

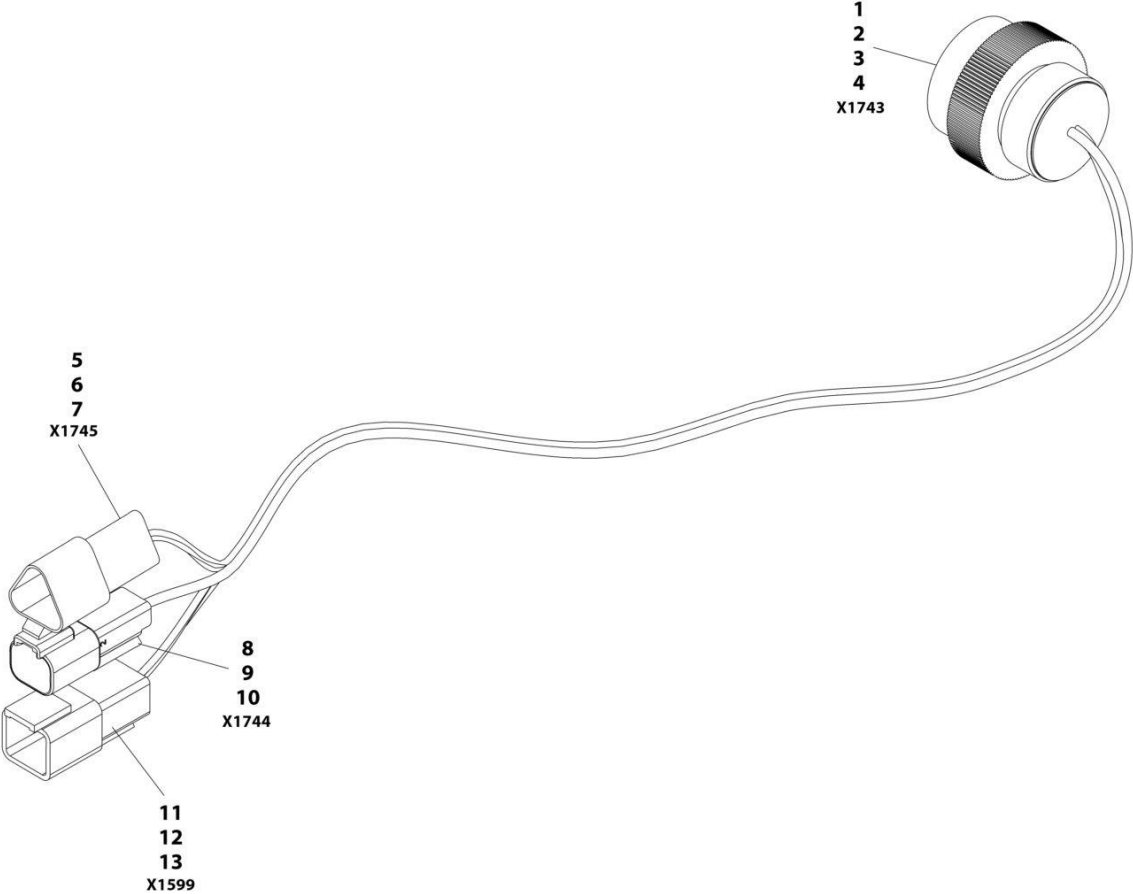
SECTION 10 - ELECTRICAL

FIGURE 10-16. CAB OPTION 2 ELECTRICAL BOARD ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161771	Ref	Option 2 Electrical Board Assembly	B
1	80983191	1	Fuse, 10AMP	
2	8229244	1	Fuse, 15AMP	
3	8229244	1	Fuse, 15AMP	
4	8229244	1	Fuse, 15AMP	
5	8229244	1	Fuse, 15AMP	
6	8229244	1	Fuse, 15AMP	
7	8229244	1	Fuse, 15AMP	

SECTION 10 - ELECTRICAL

FIGURE 10-17. CAB OPTION HARNESS



ART_1001265358

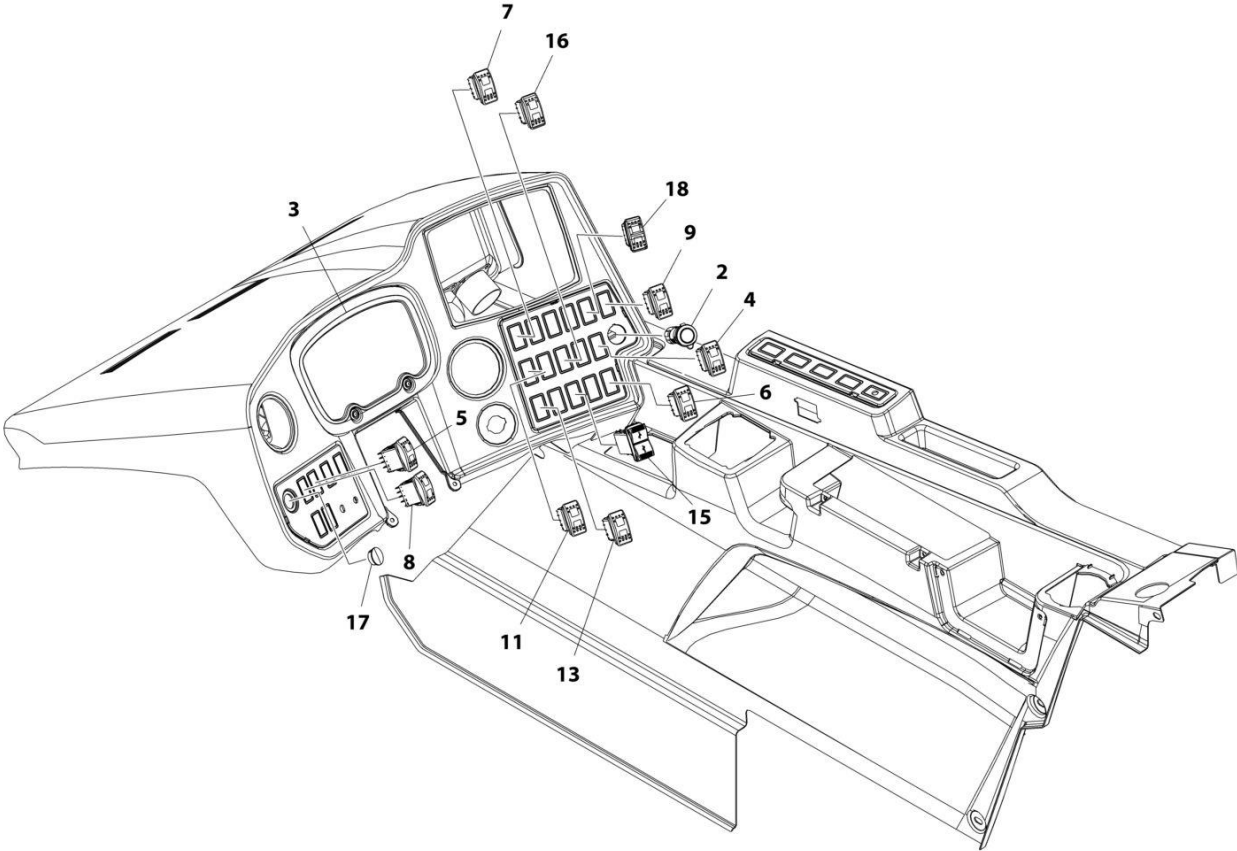
SECTION 10 - ELECTRICAL

FIGURE 10-17. CAB OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265358	Ref	CAB OPTION HARNESS	A
1	4461015	1	Connector	
2	4460465	5	Terminal	
3	4460942	1	Terminal	
4	4460466	8	Plug	
5	1001144147	1	Connector	
6	4460943	2	Terminal	
7	4460466	1	Plug	
8	4460897	1	Connector	
9	4460941	1	Terminal	
10	4460466	1	Plug	
11	1001097051	1	Connector	
12	4460929	3	Terminal	
13	4460466	1	Plug	

SECTION 10 - ELECTRICAL

FIGURE 10-18. DASH ELECTRICS INSTALLATION (ULS)



ART_1001185809_G

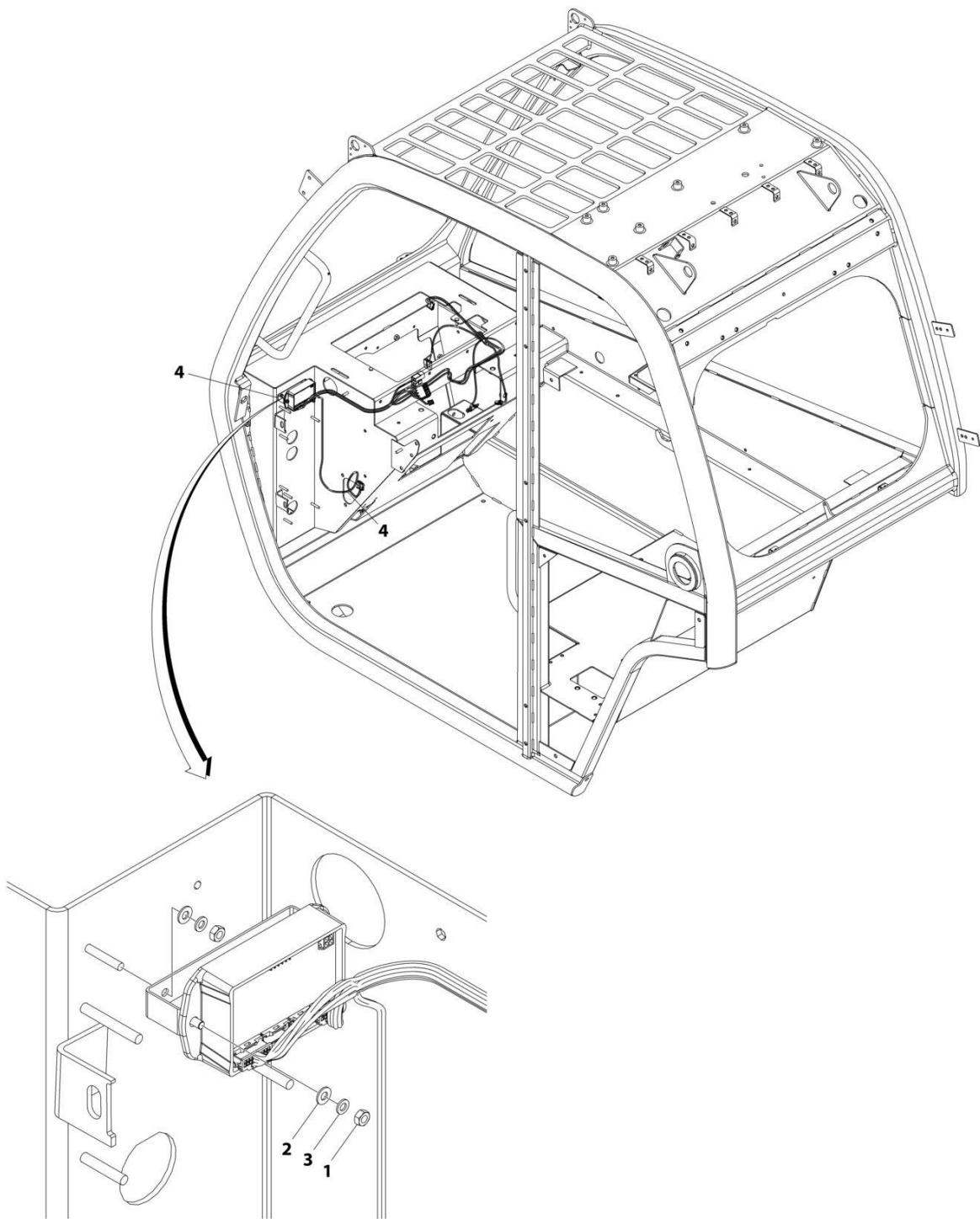
SECTION 10 - ELECTRICAL

FIGURE 10-18. DASH ELECTRICS INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185809	Ref	DASH ELECTRICS INSTALLATION (ULS)	G
2	1001095804	1	Connector, 12V Power Socket	
3	1001158146	1	Cluster, Electrical Gauge	
4	1001104654	1	Switch, AUX Decomp	
5	1001159741	1	Switch, Constanst AUX	
6	1001163639	1	Switch, Driving Lights	
7	1001159737	1	Switch, Fog Lights	
8	1001189898	1	Switch, Framer/Loader	
9	1001159734	1	Switch, Hazard	
11	1001159735	1	Switch, Rear Wiper	
13	1001159849	1	Switch, Steer Mode	
15	1001174712	1	Switch, USB Charger	
16	1001159748	1	Switch, Bucket Mode	
17	1001190589	1	Plug, Blanking	
18	1001285715	1	Switch, Beacon	

SECTION 10 - ELECTRICAL

FIGURE 10-19. CAB HEATER HARNESS INSTALLATION



ART_1001201340_E

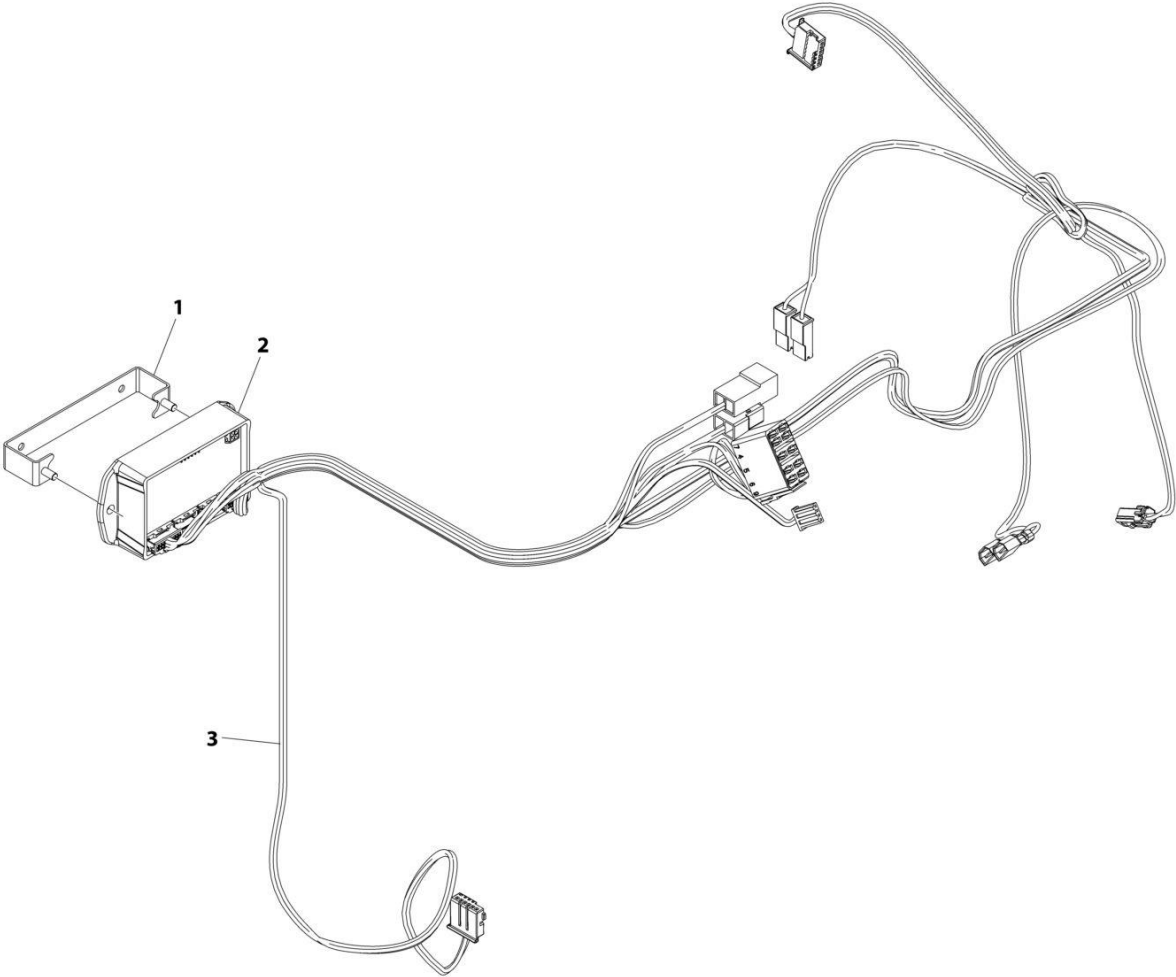
SECTION 10 - ELECTRICAL

FIGURE 10-19. CAB HEATER HARNESS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201340	Ref	CAB HEATER HARNESS INSTALLATION	E
1	3290401	4	Nut M4	
2	4811400	4	Washer M4	
3	4831400	4	Washer, Lock M4	
4	1001271803	1	Harness, Cab Heater (See Separate Breakdown in this Section)	

SECTION 10 - ELECTRICAL

FIGURE 10-20. CAB HEATER HARNESS



ART_1001271803

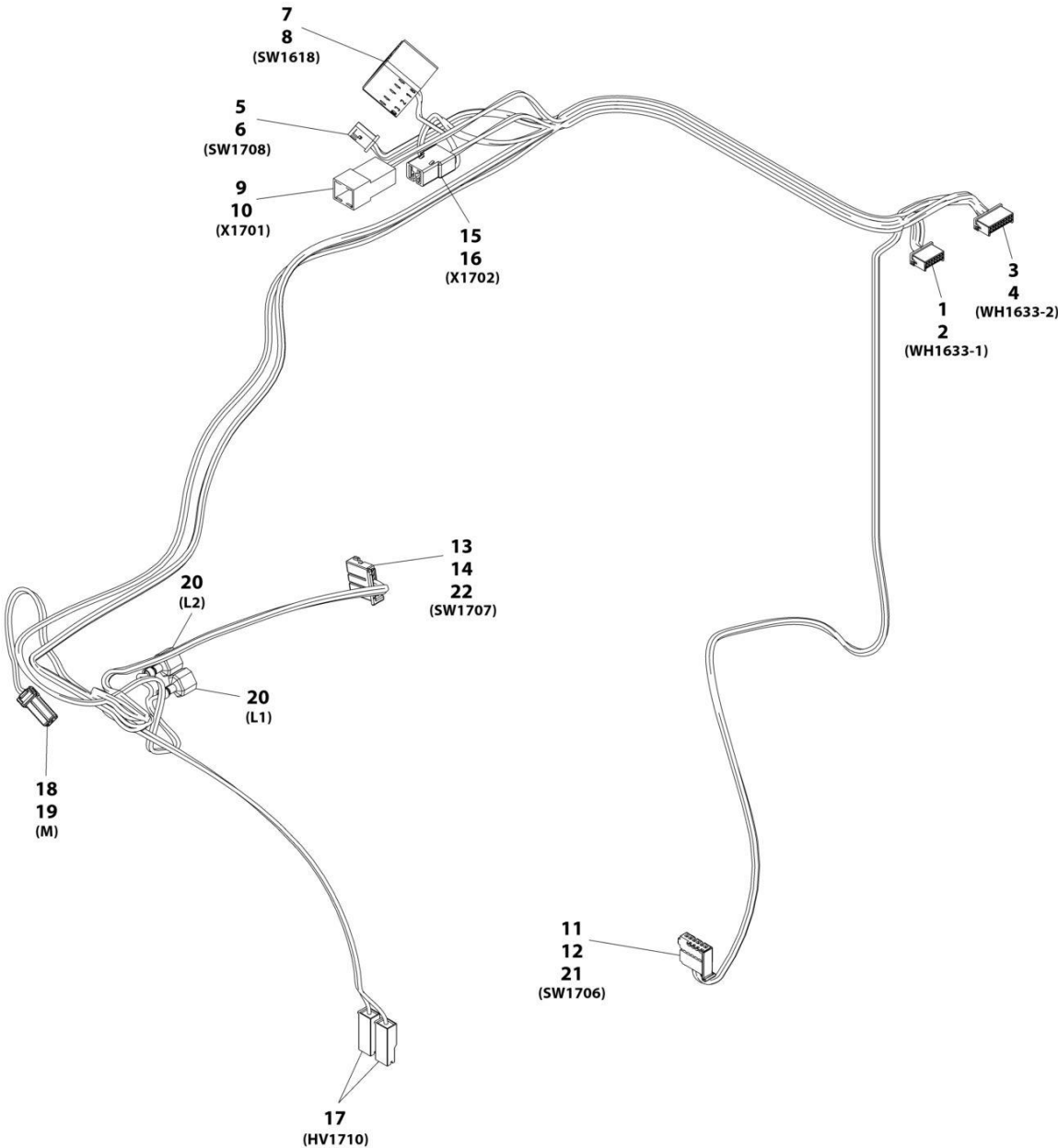
SECTION 10 - ELECTRICAL

FIGURE 10-20. CAB HEATER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001271803	Ref	CAB HEATER HARNESS	B
1	1001264976	1	Bracket	
2	1001268829	1	Actuator, HVAC (Sold as Assembly Only)	
3	1001268830	1	Harness, HVAC Cab Actuator (See Separate Breakdown in this Section)	

SECTION 10 - ELECTRICAL

FIGURE 10-21. CAB HVAC ACTUATOR HARNESS



ART_1001268830

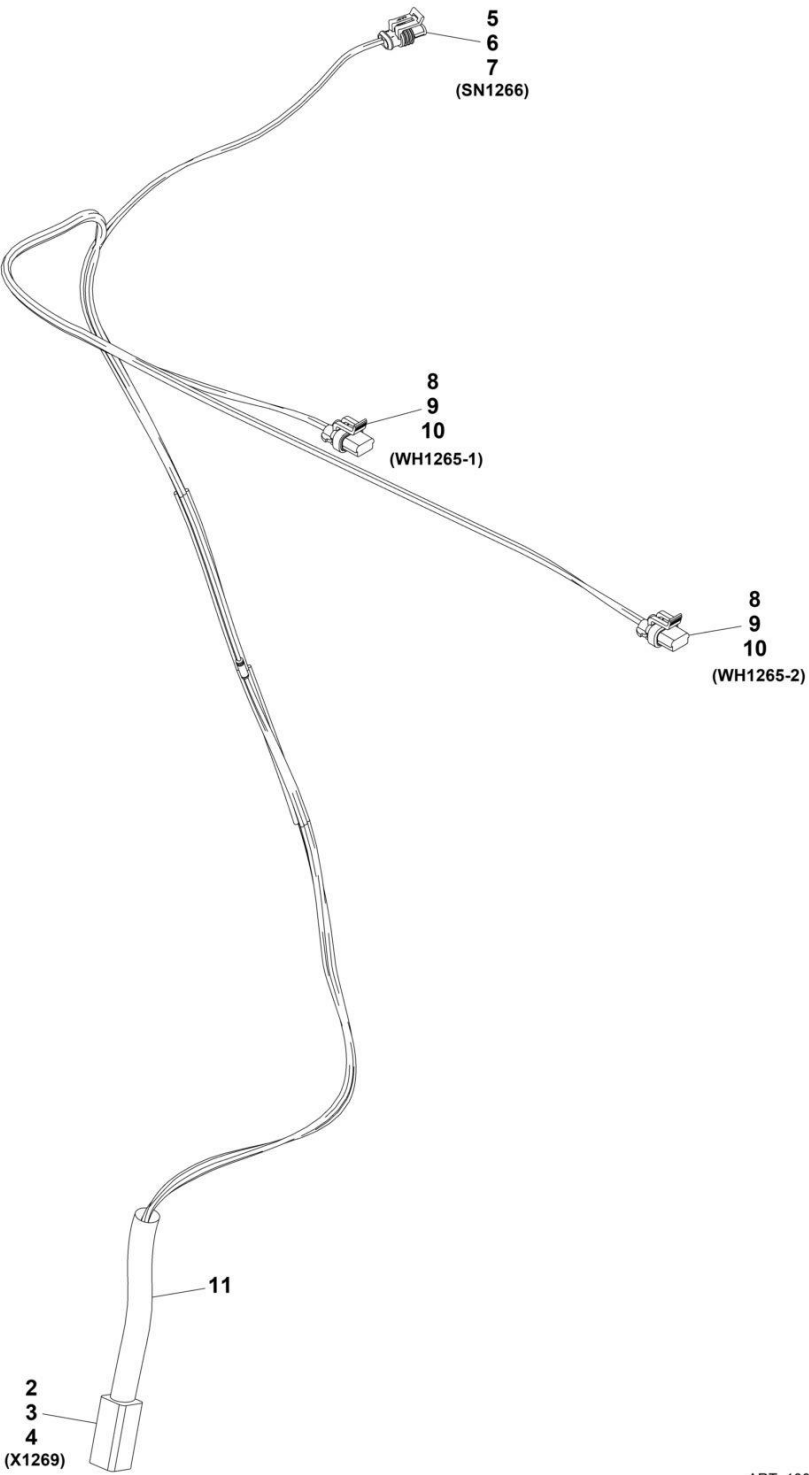
SECTION 10 - ELECTRICAL

FIGURE 10-21. CAB HVAC ACTUATOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268830	Ref	CAB HVAC ACTUATOR HARNESS	B
1	1001274536	1	Connector	
2	1001274543	10	Terminal	
3	1001274537	1	Connector	
4	1001274543	8	Terminal	
5	1001184473	1	Connector	
6	1001184479	3	Terminal	
7	1001274533	1	Connector	
8	1001274539	4	Terminal	
9	1001116999	1	Connector	
10	1001274540	2	Terminal	
11	1001274534	1	Connector	
12	1001274541	2	Terminal	
13	1001274534	1	Connector	
14	1001274541	5	Terminal	
15	1001116991	1	Connector	
16	1001116720	2	Terminal	
17	1001274535	2	Connector	
18	1001274538	1	Connector	
19	1001274544	2	Terminal	
20	8220050	2	Terminal	
21	1001274553	1	Retainer	
22	1001274553	1	Retainer	

SECTION 10 - ELECTRICAL

FIGURE 10-22. CAB HVAC ACTUATOR HARNESS



ART_1001169151

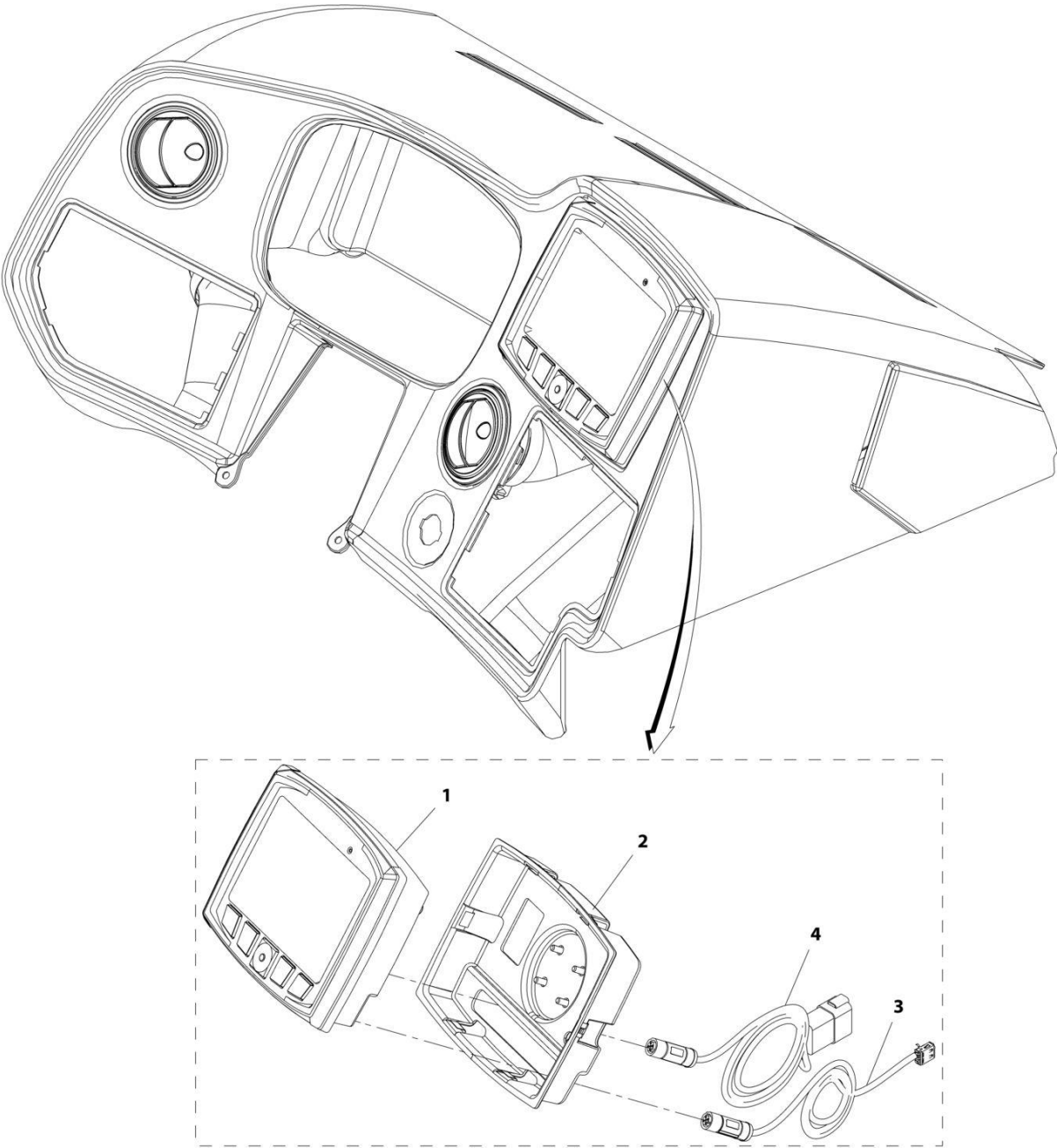
SECTION 10 - ELECTRICAL

FIGURE 10-22. CAB HVAC ACTUATOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169151	Ref	A/C Option Harness	G
2	4460899	1	Connector	
3	4460941	4	Terminal	
4	4460464	2	Terminal	
5	4461118	1	Connector	
6	1001107854	2	Terminal	
7	1001116763	2	Seal	
8	1001117021	2	Connector	
9	1001116747	4	Terminal	
10	4460789	4	Seal	
11	70028546	1	Backshell	

SECTION 10 - ELECTRICAL

FIGURE 10-23. CAB - MULTIFUNCTION DISPLAY INSTALLATION



ART_1001176338-B

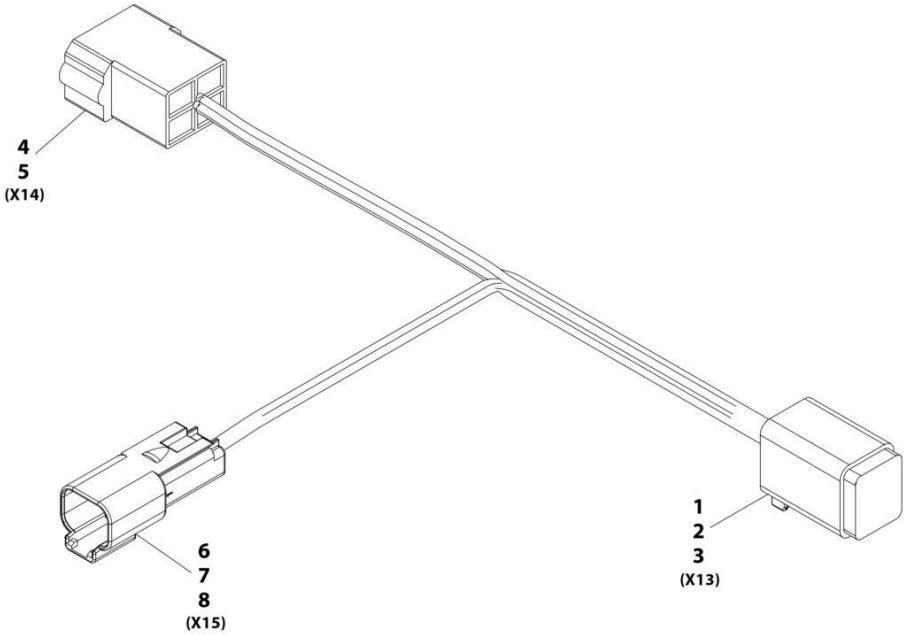
SECTION 10 - ELECTRICAL

FIGURE 10-23. CAB - MULTIFUNCTION DISPLAY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176338	Ref	Multifunction Display Installation	B
1	1001211357	1	Display	
2	1001178783	1	Bezel	
3	1001180682	1	Cable, Display Programming	
4	1001180683	1	Cable, Display Video	

SECTION 10 - ELECTRICAL

FIGURE 10-24. CAB SEAT ADAPTOR HARNESS (PREMIUM SEAT)



ART_1001168531-A

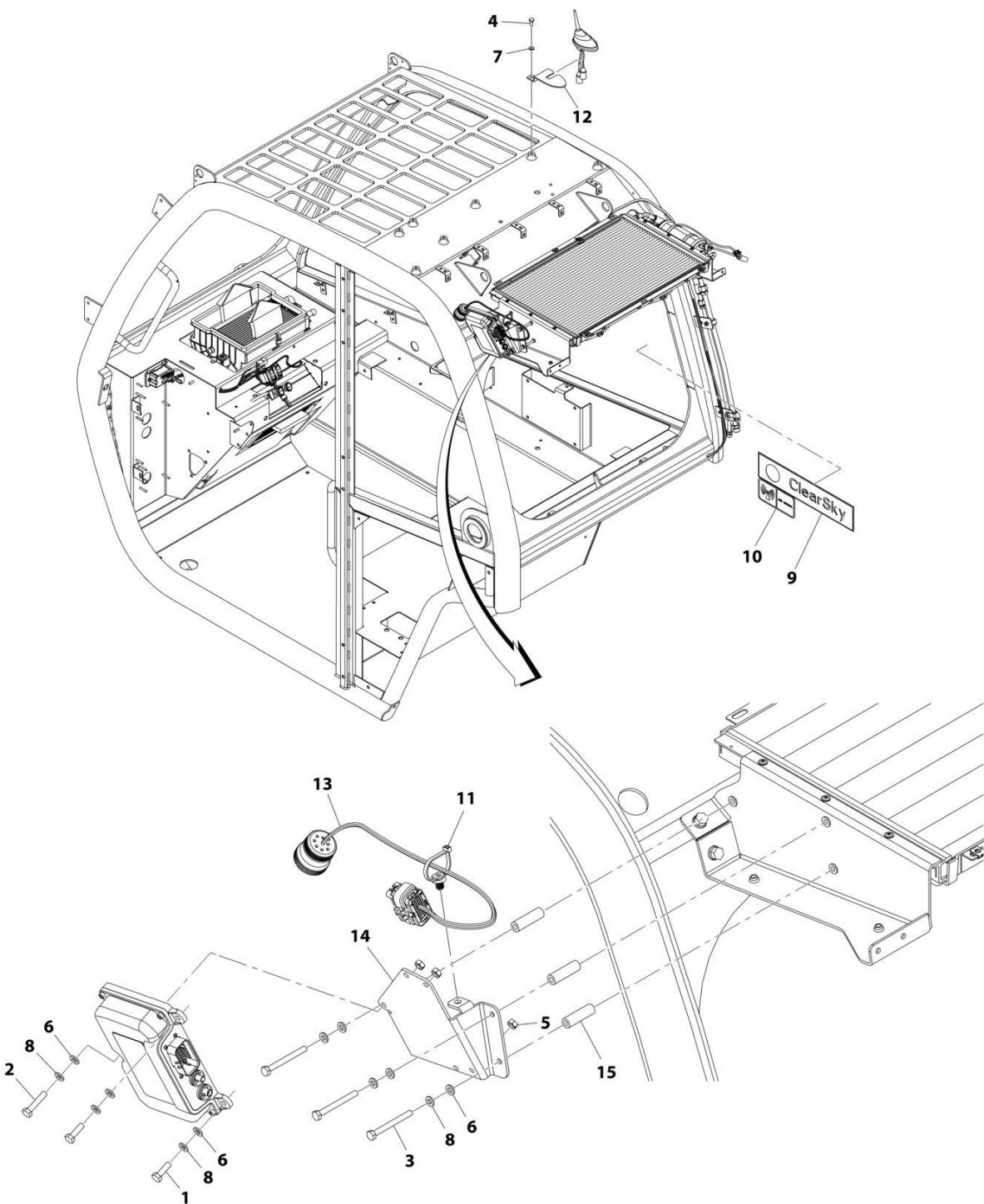
SECTION 10 - ELECTRICAL

FIGURE 10-24. CAB SEAT ADAPTOR HARNESS (PREMIUM SEAT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168531	Ref	Seat Adaptor Harness	A
1	4460894	1	Connector	
2	91504107	1	Lock, Connector	
3	4460465	6	Terminal	
4	1001117011	1	Connector	
5	1001116700	3	Terminal	
6	4460897	1	Connector	
7	80604017	1	Lock, Connector	
8	4460943	2	Terminal	

SECTION 10 - ELECTRICAL

FIGURE 10-25. CLEARSKY INSTALLATION (A/C - LONG ROOF CAP)



ART_1001220945-A

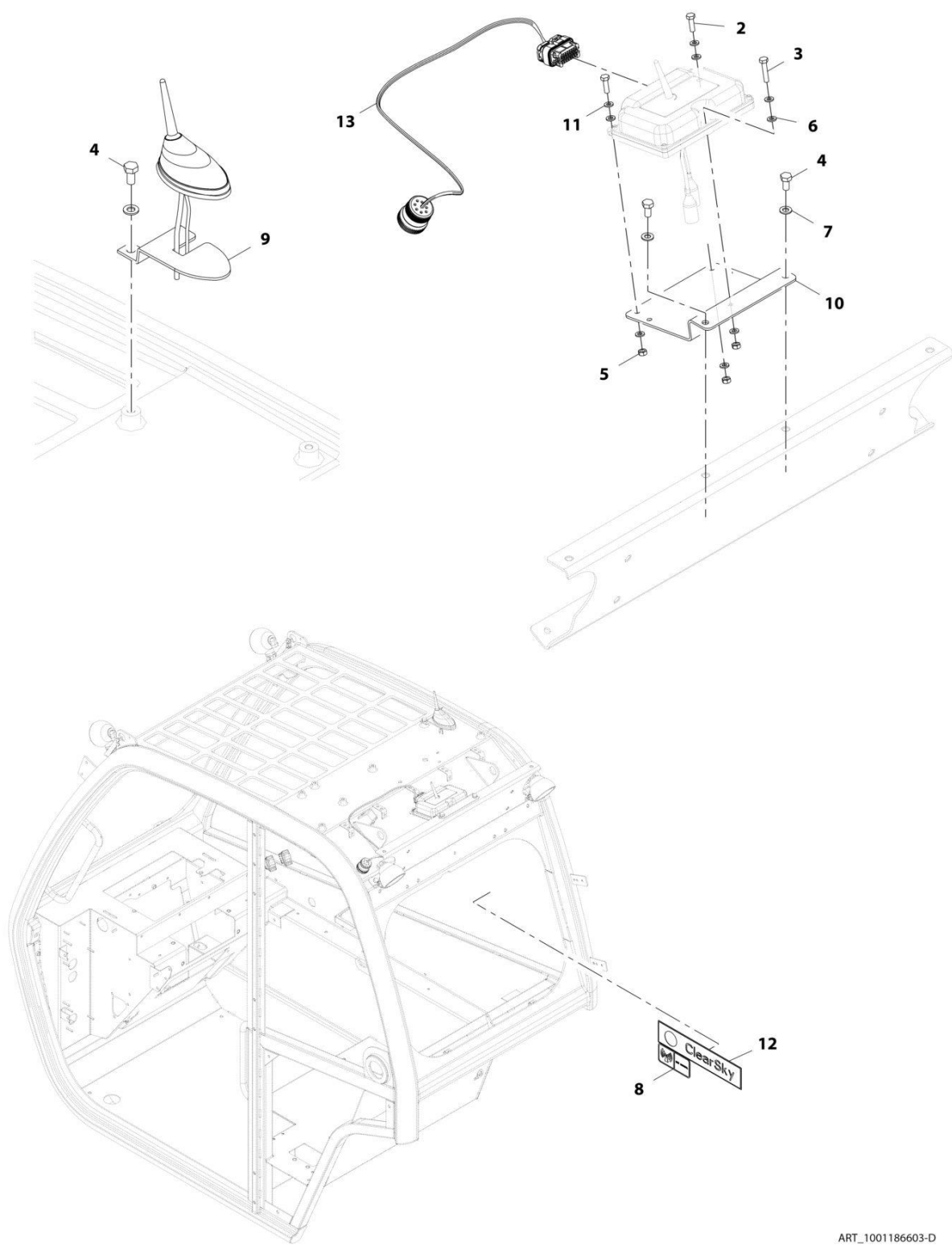
SECTION 10 - ELECTRICAL

FIGURE 10-25. CLEARSKY INSTALLATION (A/C - LONG ROOF CAP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220945	Ref	Clearsky Installation (A/C - Long Roof Cap)	A
1	0700610	2	Bolt, M6X20	
2	0700614	1	Bolt, M6X30	
3	0700620	3	Bolt, M6X60	
4	0760808	1	Bolt, M8X16	
5	3290601	3	Nut, M6X1 Grade 8	
6	4811700	6	Washer, M6	
7	4811900	1	Washer, M8	
8	4831700	6	Washer, Lock M6	
9	1001116208	1	Decal, Clearsky	
10	1001120989	1	Decal, Radio Frequency	
11	1001146588	1	Strap, Cable	
12	1001174372	1	Bracket, Antenna	
13	1001196452	Ref	Harness, Clearsky (See Separate Breakdown in this Section)	
14	1001220947	1	Bracket	
15	1001220948	3	Spacer	

SECTION 10 - ELECTRICAL

FIGURE 10-26. CLEARSKY INSTALLATION (NO A/C - SHORT ROOF CAP)



ART_1001186603-D

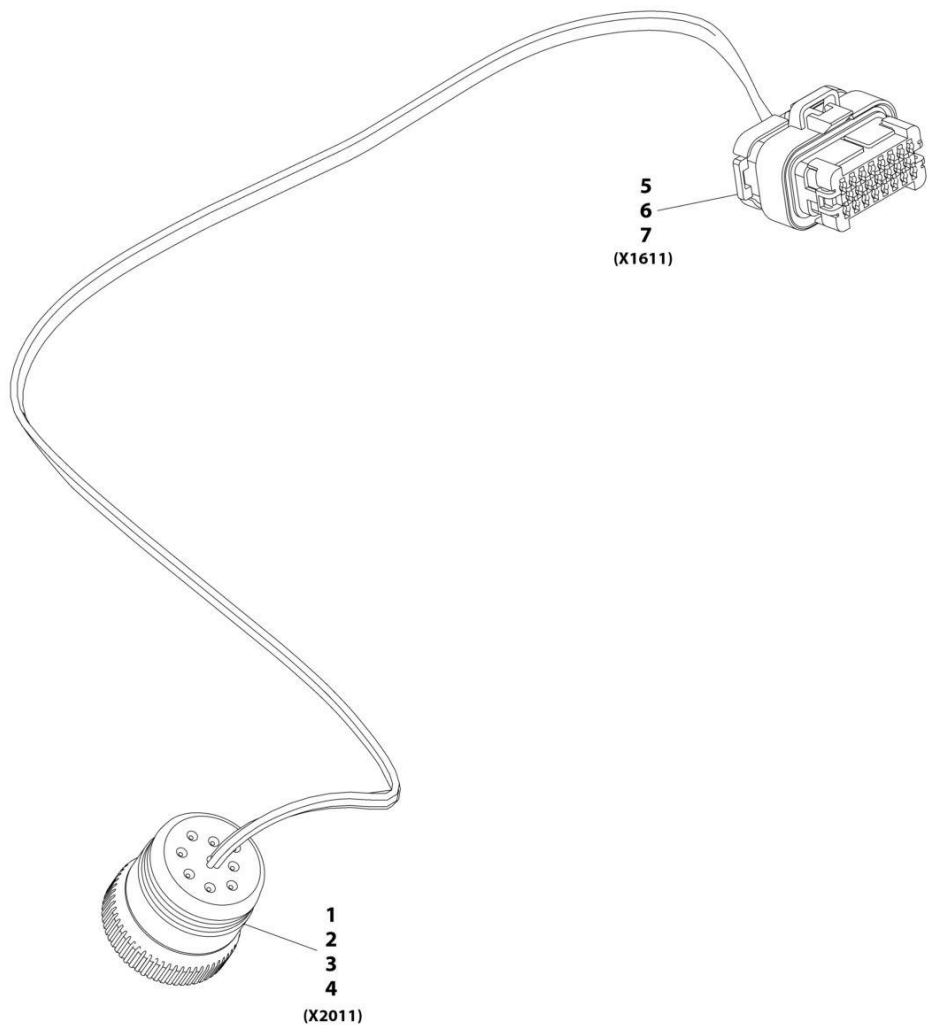
SECTION 10 - ELECTRICAL

FIGURE 10-26. CLEARSKY INSTALLATION (NO A/C - SHORT ROOF CAP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186603	Ref	Clearsky Installation (No A/C - Short Roof Cap)	D
2	0700610	2	Bolt, M6X20	
3	0700614	1	Bolt, M6X30	
4	0760808	3	Bolt, M8X16	
5	3290601	3	Nut, M6X1 Grade 8	
6	4811700	6	Washer, M6	
7	4811900	3	Washer, M8	
8	1001120989	1	Decal, Radio Frequency	
9	1001174372	1	Bracket, Antenna	
10	1001185722	1	Bracket	
11	4831700	3	Washer, Lock M6	
12	1001116208	1	Decal, Clearsky	
13	1001196452	1	Harness, Clearsky (See Separate Breakdown in this Section)	

SECTION 10 - ELECTRICAL

FIGURE 10-27. CLEARSKY HARNESS



ART_1001196452-A

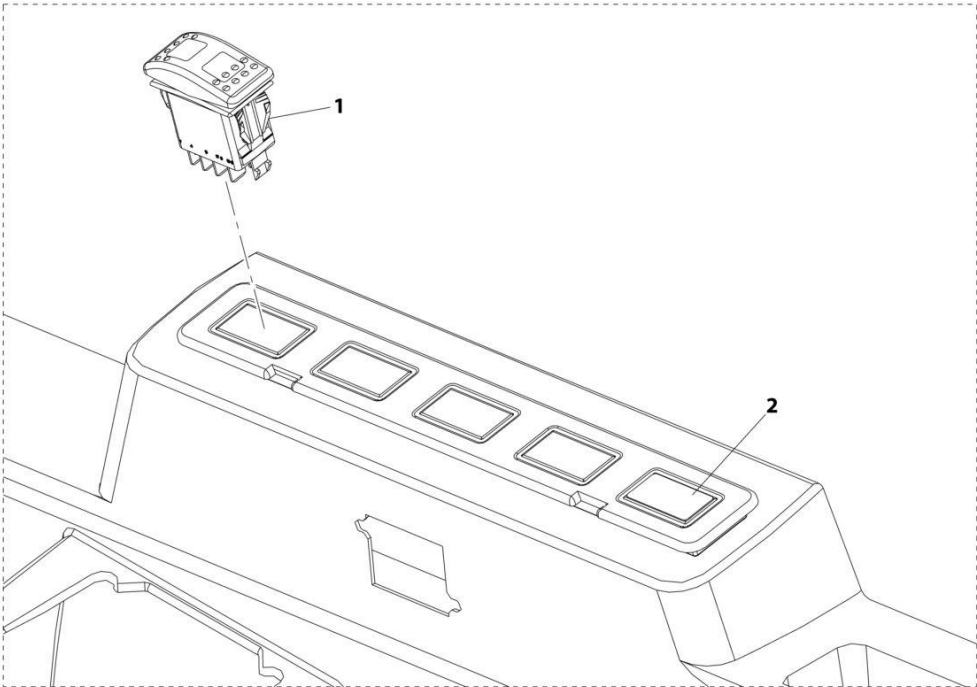
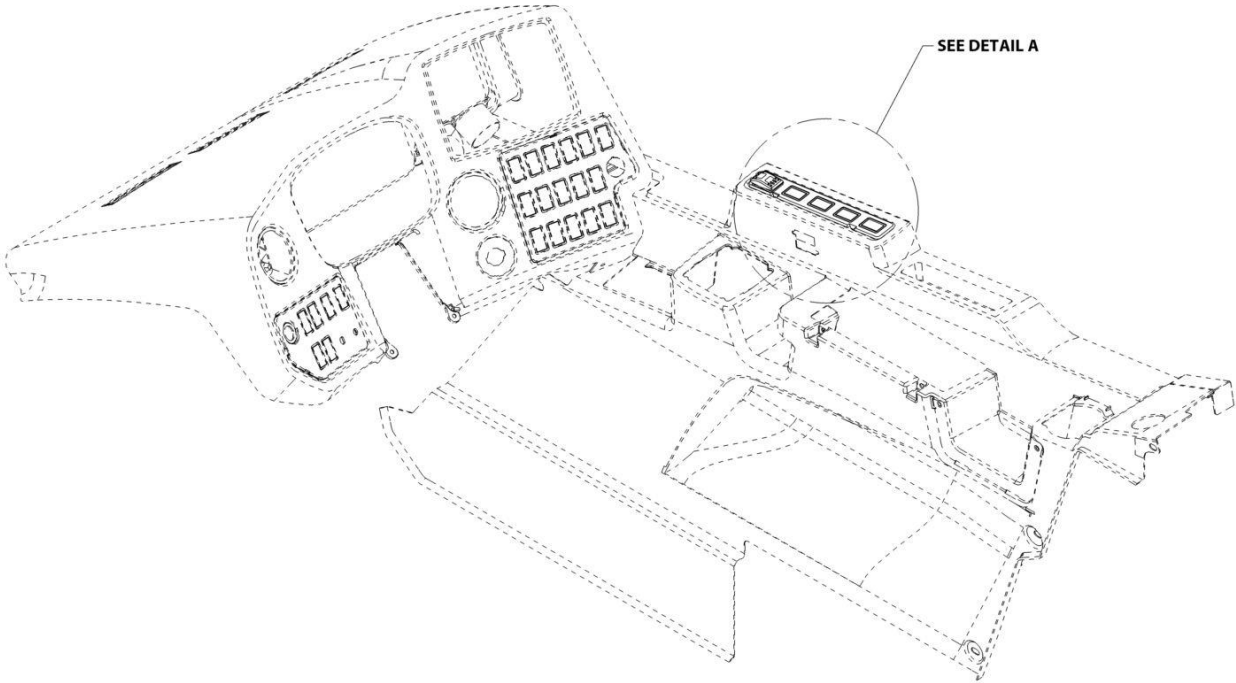
SECTION 10 - ELECTRICAL

FIGURE 10-27. CLEARSKY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196452	Ref	Clearsky Harness (A/C)	A
1	1001112796	1	Connector	
2	4460465	3	Terminal	
3	4460944	2	Terminal	
4	4460466	4	Plug	
5	1001116994	1	Connector	
6	4460871	5	Terminal	
7	4460905	18	Plug	

SECTION 10 - ELECTRICAL

FIGURE 10-28. DECLUTCH SWITCH INSTALLATION



DETAIL A

ART_1001202430-B

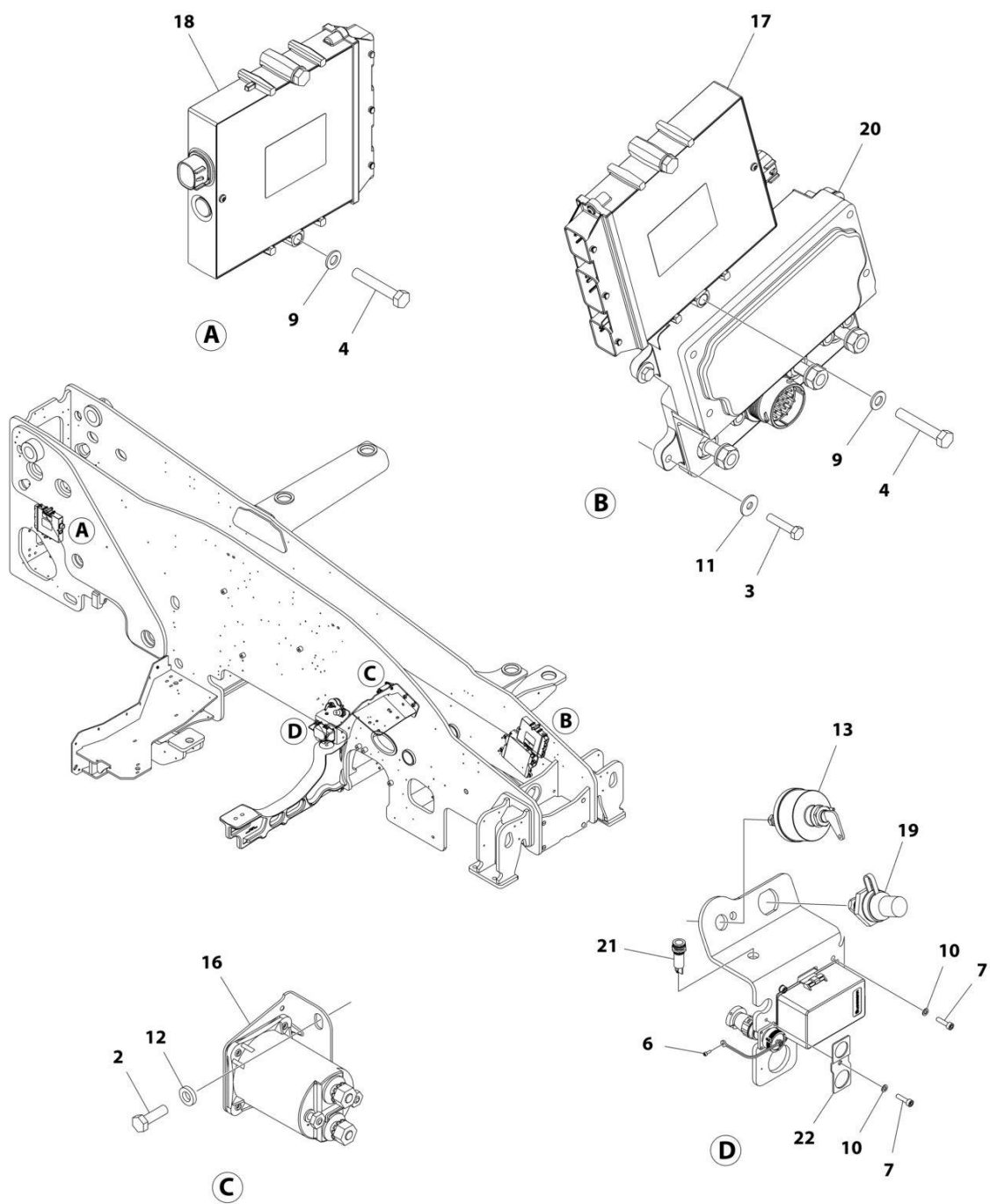
SECTION 10 - ELECTRICAL

FIGURE 10-28. DECLUTCH SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202430	Ref	Declutch Switch Installation	B
1	1001202421	1	Switch, Transmission Disconnect	
2	1001226481	1	Decal, Blank	

SECTION 10 - ELECTRICAL

FIGURE 10-29. ELECTRICAL COMPONENTS INSTALLATION



ART_1001183838_E

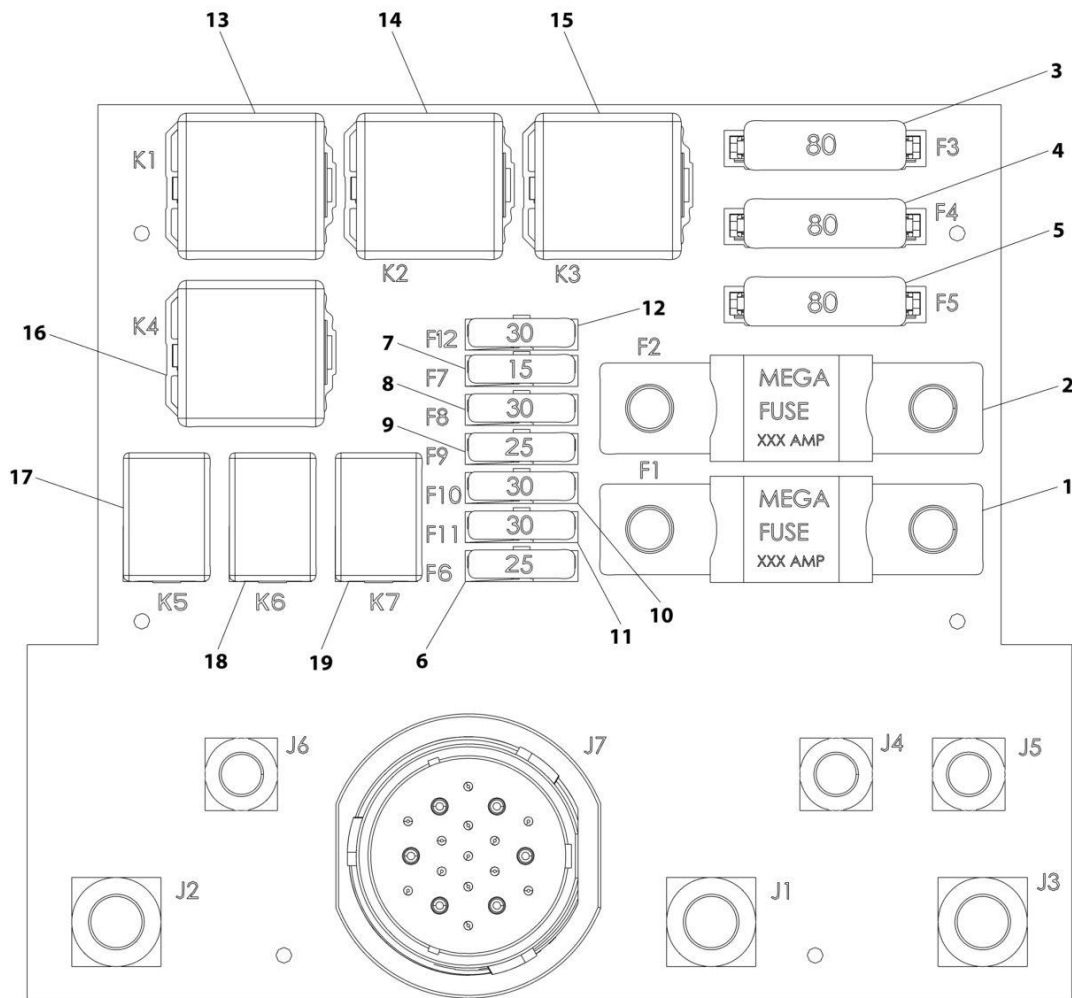
SECTION 10 - ELECTRICAL

FIGURE 10-29. ELECTRICAL COMPONENTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183838	Ref	ELECTRICAL COMPONENTS INSTALLATION	E
2	0700610	2	Bolt M6 x 20	
3	0700614	4	Bolt M6 x 30	
4	0700818	4	Bolt M8 x 50	
6	3900349	1	Screw M2.5 x 0.45	
7	4031608	5	Screw M5 x 20	
9	4811900	4	Washer M8	
10	4831600	5	Washer M5	
11	4811702	4	Washer M6	
12	5240600	2	Washer M6	
13	1001008926	NLA	Switch, Disconnect (no longer available, use 1001192142 for replacement)	
13	1001192142	1	Switch, Battery Disconnect	
16	1001117308	1	Relay, 200 AMP (See Separate Breakdown in this Section)	
17	1001270467	1	Module, Rear Frame (Note: Re-calibration required when replaced)	
18	1001270468	1	Module, Front Frame (Note: Re-calibration required when replaced)	
19	1001193993	1	Stud, Battery Jump Start	
20	1001164402	1	Box, Power Distribution Electrical (See Separate Breakdown in this Section)	
21	1001169825	1	Light, DEF Purge Indicator	
22	1001186693	1	Plate	

SECTION 10 - ELECTRICAL

FIGURE 10-30. ELECTRICAL POWER DISTRIBUTION ELECTRICAL BOX



ART_1001164402-G

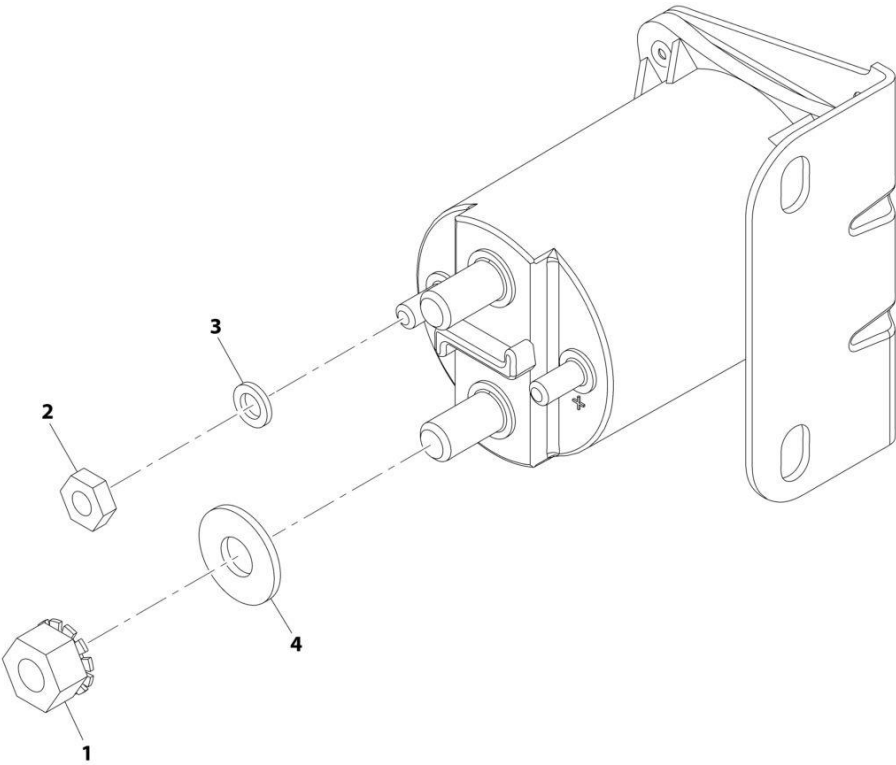
SECTION 10 - ELECTRICAL

FIGURE 10-30. ELECTRICAL POWER DISTRIBUTION ELECTRICAL BOX

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164402	Ref	Power Distribution Electrical Box	G
1	1001095336	1	Fuse, 150AMP	
2	70026296	1	Fuse, 200AMP	
3	70026297	1	Fuse, 80AMP	
4	70026297	1	Fuse, 80AMP	
5	70026297	1	Fuse, 80AMP	
6	8229247	1	Fuse, 25AMP	
7	8229244	1	Fuse, 15AMP	
8	8229245	1	Fuse, 30AMP	
9	8229247	1	Fuse, 25AMP	
10	8229245	1	Fuse, 30AMP	
11	8229245	1	Fuse, 30AMP	
12	8229245	1	Fuse, 30AMP	
13	70026294	1	Fuse, 70AMP	
14	70026294	1	Fuse, 70AMP	
15	70026294	1	Fuse, 70AMP	
16	70026294	1	Fuse, 70AMP	
17	70026295	1	Fuse, 35AMP	
18	70026295	1	Fuse, 35AMP	
19	70026295	1	Fuse, 35AMP	

SECTION 10 - ELECTRICAL

FIGURE 10-31. ELECTRICAL RELAY INSTALLATION - 200 AMP



ART_1001117308-C

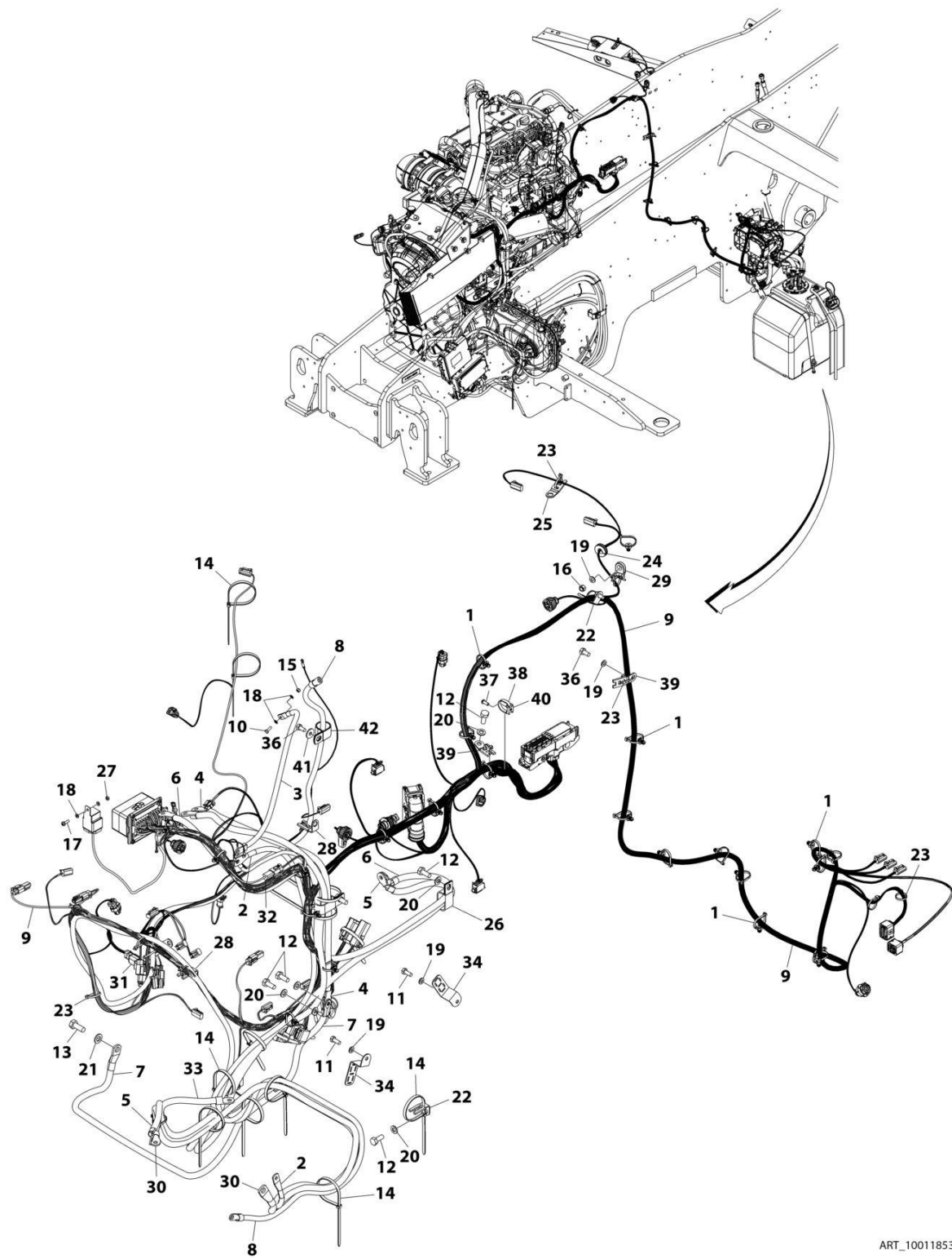
SECTION 10 - ELECTRICAL

FIGURE 10-31. ELECTRICAL RELAY INSTALLATION - 200 AMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001117308	Ref	200 AMP Relay Installation	C
1	3300220	2	Nut, Washer	
2	3321001	2	Nut	
3	4761000	2	Washer, Lock	
4	1001111424	2	Washer	

SECTION 10 - ELECTRICAL

FIGURE 10-32. ENGINE WIRING INSTALLATION (ULS)



ART_1001185375_G

SECTION 10 - ELECTRICAL

FIGURE 10-32. ENGINE WIRING INSTALLATION (ULS)

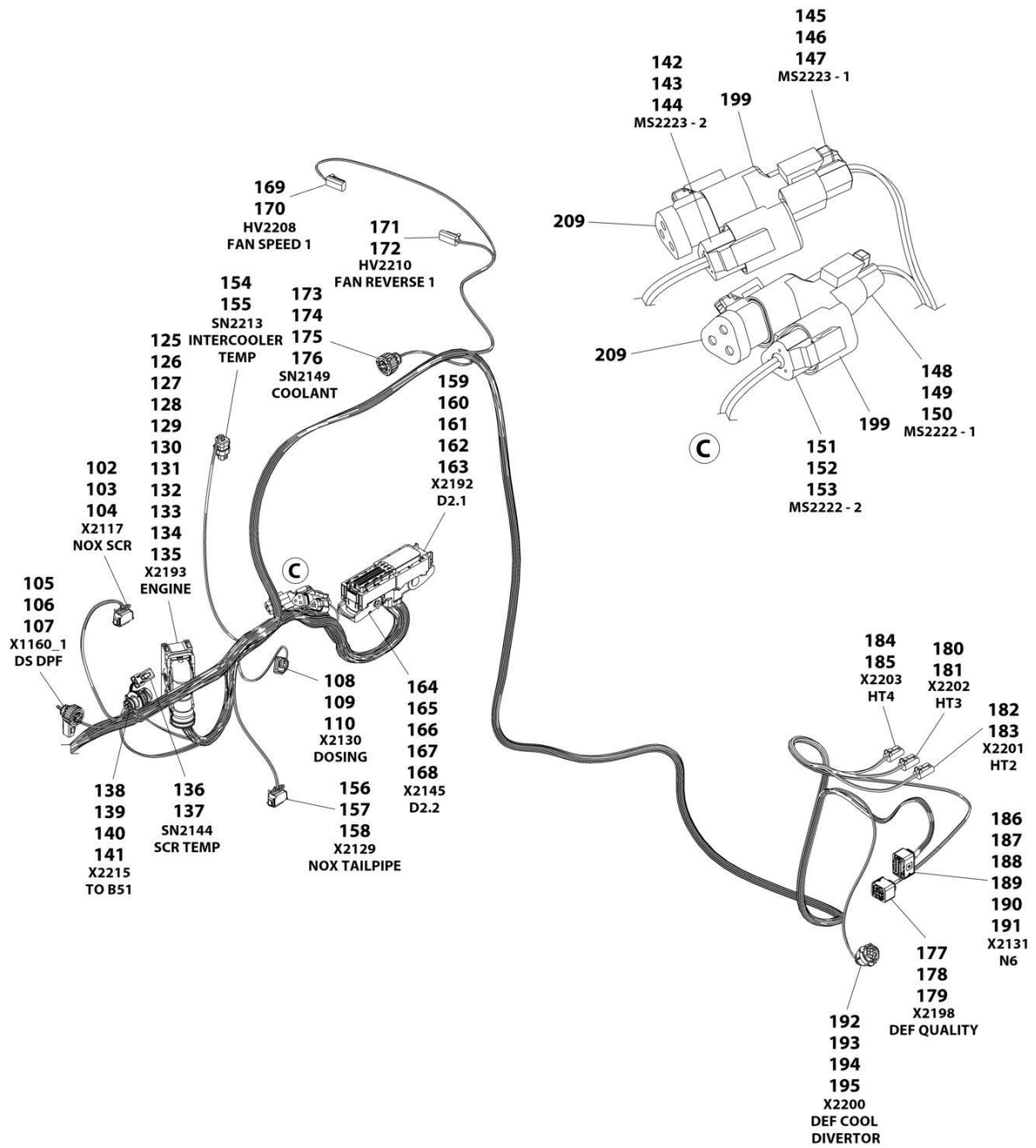
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185375	Ref	ENGINE WIRING INSTALLATION (ULS)	G
1	1001146588	24	Strap, Tie	
2	1001182218	1	Cable, PDM to Glow Plug Relay	
3	1001182219	1	Cable, Glow Plug to Relay	
4	1001182654	1	Cable, Disconnect to Ground Buss	
5	1001182650	1	Cable, Starter to Battery +	
6	1001182651	1	Cable, Starter to Jump Start Stud	
7	1001182652	1	Cable, Ground Buss to Engine Ground	
8	1001283711	1	Cable, Alternator	
9	1001256834	1	Harness, Engine (ULS) (See Separate Breakdown in this Section)	
10	0760507	1	Bolt M5 x 14	
11	0760810	2	Bolt M8 x 20	
12	0761012	7	Bolt M10 x 25	
13	0761214	1	Bolt M12 x 30	
14	1062255	13	Strap, Tie	
15	3290505	1	Nut, Lock M5 x 0.8 Grade 8	
16	3290805	1	Nut, Lock M8 x 1.25 Grade 8	
17	3900381	1	Screw M5 x 16	
18	4811600	4	Washer M5	
19	4811900	5	Washer M8	
20	4812000	7	Washer M10	
21	4812100	1	Washer M12	
22	1001003305	4	Clip	
23	1001008559	14	Strap, Tie	
24	1001009375	1	Grommet	
25	1001025750	1	Clip, Ladder	
26	1001008720	2	Clip	
27	3290501	1	Nut M5 x 0.8	
28	1001130198	3	Clip, Ladder	
29	1001169146	1	Mount	
30	1001182217	1	Cable, Batt + to PDM	
31	1001182929	1	Harness, Fuel Pump (See Separate Breakdown in this Section)	
32	1001182930	1	Harness, Glow Plug Relay to Engine Harness (See Separate Breakdown in this Section)	
33	1001203015	1	Cable, Batt (-) to Batt Disc	
34	1001203882	2	Bracket, Harness Tie Wrap	
36	0760808	3	Bolt M8 x 16	
37	3900357	1	Screw M6 x 16	
38	8881800	1	Strap, Tie	
39	1001008593	2	Clip	
40	1001138645	1	Mount, Cable Tie	
41	4811902	1	Washer M8	
42	8406302	1	Clamp	

768

823



SECTION 10 - ELECTRICAL



ART_1001256834_B_2OF2

SECTION 10 - ELECTRICAL

FIGURE 10-33. ENGINE HARNESS (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256834	Ref	Engine Harness (ULS)	B
1	4460247	1	Terminal, Ring	
2	1001167636	1	Connector	
3	1001166707	2	Terminal	
4	4461006	2	Seal	
5	1001133714	1	Connector	
6	1001133715	3	Terminal	
7	1001135650	3	Seal	
8	1001135651	1	Plug	
9	4460891	1	Connector	
10	4460465	1	Terminal	
11	4460466	1	Plug	
12	4461095	1	Connector	
13	4460465	2	Terminal	
14	4460466	1	Plug	
15	4460539	1	Connector	
16	4460944	2	Terminal	
17	4460466	1	Plug	
18	4461018	1	Connector	
19	4460509	2	Terminal	
20	1001116812	1	Connector	
21	4460944	2	Terminal	
22	4460466	1	Plug	
23	4461095	1	Connector	
24	4460465	2	Terminal	
25	4460466	1	Plug	
26	4460891	1	Connector	
27	4460465	2	Terminal	
28	1001116812	1	Connector	
29	4460944	2	Terminal	
30	4460466	1	Plug	
31	4460891	1	Connector	
32	4460465	2	Terminal	
33	1001116950	1	Connector	
34	4460465	2	Terminal	
35	4460891	1	Connector	
36	4460465	2	Terminal	
37	4460891	1	Connector	
38	4460465	2	Terminal	
39	4460891	1	Connector	
40	4460465	2	Terminal	
41	4460891	1	Connector	
42	4460465	2	Terminal	
43	4460891	1	Connector	
44	4460465	2	Terminal	
45	4460891	1	Connector	
46	4460465	2	Terminal	
47	4460891	1	Connector	
48	4460465	2	Terminal	
49	4460891	1	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	4460465	2	Terminal	
51	4460891	1	Connector	
52	4460465	2	Terminal	
53	4460891	1	Connector	
54	4460465	2	Terminal	
55	1001209097	1	Connector	
56	8220124	2	Terminal	
57	4460608	2	Seal	
58	1001126487	1	Connector	
59	1001167634	2	Terminal	
60	1001126485	2	Seal	
61	1001126487	1	Connector	
62	1001167634	2	Terminal	
63	1001126485	2	Seal	
64	1001117110	1	Terminal, Ring	
65	1001117110	1	Terminal, Ring	
66	4460256	1	Terminal, Ring	
67	1001117109	1	Terminal, Ring	
68	1001117110	1	Terminal, Ring	
69	4460933	1	Connector	
70	4460465	7	Terminal	
71	4460466	5	Plug	
72	1001144147	1	Connector	
73	4460464	2	Terminal	
74	4460466	1	Plug	
75	4460950	1	Connector	
76	4460464	8	Terminal	
77	4460466	4	Plug	
78	1001116811	1	Connector	
79	4460508	3	Plug	
80	4460466	1	Plug	
81	4460970	1	Connector	
82	4460464	8	Terminal	
83	4460466	4	Plug	
84	4460539	1	Connector	
85	4460944	2	Terminal	
86	4460466	1	Plug	
87	1001116812	1	Connector	
88	4460944	2	Terminal	
89	4460466	1	Plug	
90	1001118282	1	Connector	
91	1001116734	2	Terminal	
92	1001116732	2	Terminal	
93	1001128128	1	Plug	
94	4460894	1	Connector	
95	4460465	5	Terminal	
96	4460466	1	Plug	
97	4460933	1	Connector	
98	4460944	12	Terminal	
99	8220115	1	Terminal, Ring	
100	4460539	1	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	4460465	2	Terminal	
102	1001167631	1	Connector	
103	1001167630	4	Terminal	
104	1001126485	4	Seal	
105	1001138116	1	Connector	
106	1001133715	3	Terminal	
107	1001135650	4	Seal	
108	1001126487	1	Connector	
109	1001167635	2	Terminal	
110	1001126485	2	Seal	
111	1001167616	1	Box, Fuse	
112	8220097	19	Terminal	
113	8220098	9	Terminal	
114	1001116725	3	Terminal	
115	1001116726	9	Terminal	
116	1001175265	19	Seal	
117	4460458	9	Seal	
118	4460789	6	Seal	
119	80963067	4	Seal	
120	4460748	5	Plug	
121	2902443	1	Kit, Receptacle	
122	4461071	6	Terminal	
123	8220108	1	Terminal, Blade	
124	8220108	1	Terminal, Blade	
125	1001126362	1	Connector	
126	1001166556	26	Terminal	
127	1001166701	26	Seal	
128	1001166774	10	Terminal	
129	1001126393	10	Seal	
130	1001166543	2	Terminal	
131	4461054	2	Seal	
132	1001166541	2	Terminal	
133	4461006	2	Seal	
134	1001126391	20	Plug	
135	4461008	2	Plug	
136	1001126245	1	Connector	
137	1001126008	2	Terminal	
138	1001148842	1	Connector	
139	1001148841	3	Terminal	
140	1001135650	3	Seal	
141	1001135651	1	Plug	
142	4460539	1	Connector	
143	4460944	2	Terminal	
144	4460466	1	Plug	
145	1001116812	1	Connector	
146	4460944	2	Terminal	
147	4460466	1	Plug	
148	1001116812	1	Connector	
149	4460944	2	Terminal	
150	4460466	1	Plug	
151	4460539	1	Connector	

SECTION 10 - ELECTRICAL

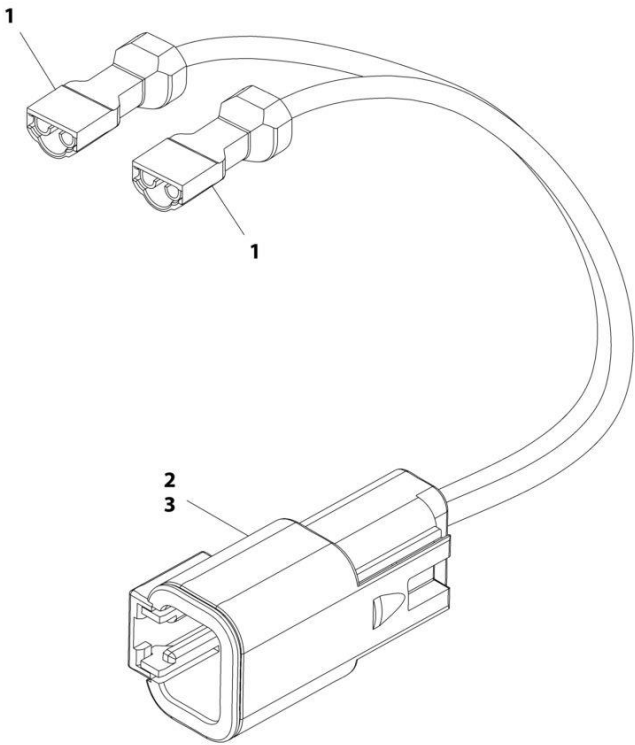
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
152	4460944	2	Terminal	
153	4460466	1	Plug	
154	1001116950	1	Connector	
155	4460465	2	Terminal	
156	1001167629	1	Connector	
157	1001167630	4	Terminal	
158	1001126485	4	Seal	
159	1001167625	1	Connector	
160	1001166555	13	Terminal	
161	1001167621	50	Terminal	
162	1001167623	5	Plug	
163	1001167622	37	Terminal	
164	1001167615	1	Connector	
165	1001166551	6	Terminal	
166	1001126353	6	Seal	
167	1001167621	21	Terminal	
168	1001167622	64	Plug	
169	4460891	1	Connector	
170	4460465	2	Terminal	
171	4460891	1	Connector	
172	4460465	2	Terminal	
173	1001133714	1	Connector	
174	1001133715	3	Terminal	
175	1001135650	3	Seal	
176	1001135651	1	Plug	
177	1001167528	1	Connector	
178	1001166704	4	Terminal	
179	1001137578	4	Seal	
180	4460891	1	Connector	
181	4460942	2	Terminal	
182	4460891	1	Connector	
183	4460942	2	Terminal	
184	4460891	1	Connector	
185	4460942	2	Terminal	
186	1001165194	1	Connector	
187	1001166556	8	Terminal	
188	1001116701	8	Seal	
189	1001166774	2	Terminal	
190	1001126393	2	Seal	
191	1001126391	2	Plug	
192	1001167620	1	Connector	
193	1001176004	2	Terminal	
194	1001176002	2	Seal	
195	1001167624	2	Plug	
196	4460466	6	Seal	
197	4460892	1	Terminal	
198	4460897	3	Connector	
199	4460945	4	Receptacle, 3-Way	
200	4461070	2	Connector	
201	8229242	5	Fuse, 5A	
202	8229244	1	Fuse, 15A	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
203	8229245	1	Fuse, 30A	
204	8229247	1	Fuse, 25A	
205	1001125677	1	Connector	
206	1001177597	1	Fuse, 6A	
207	1001190921	1	Seal, Fuse Box	
208	1001205172	5	Fuse, 35A	
209	1001116815	3	Connector	

SECTION 10 - ELECTRICAL

FIGURE 10-34. ENGINE FUEL PUMP HARNESS



ART_1001182929-E

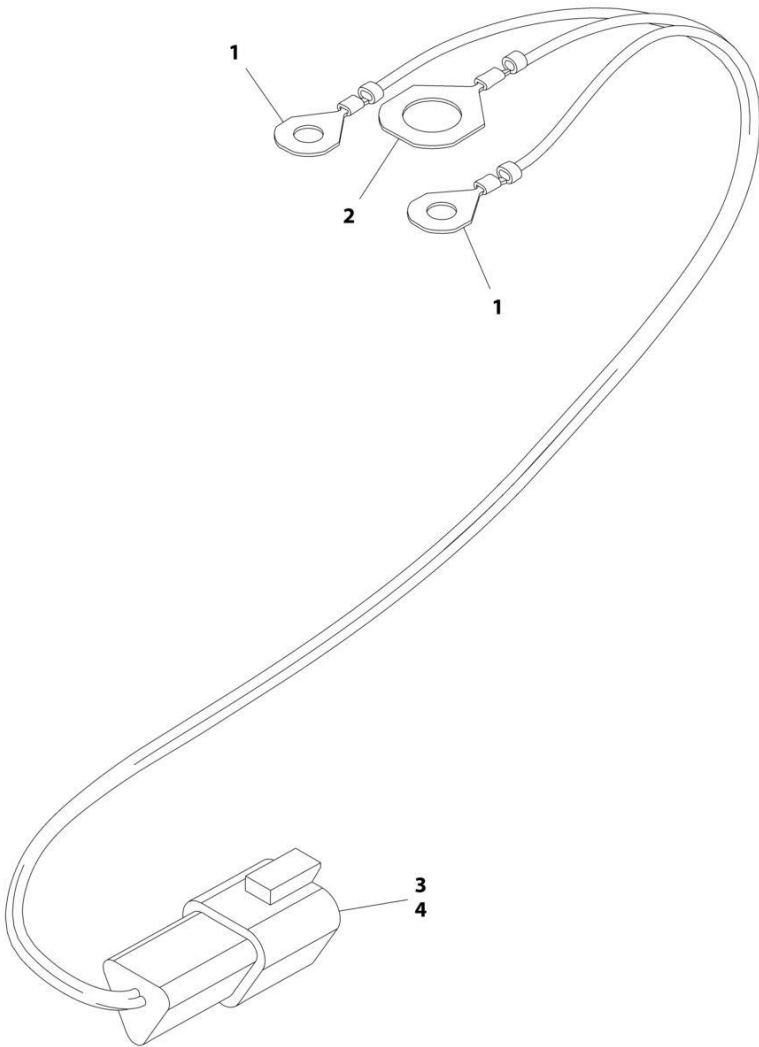
SECTION 10 - ELECTRICAL

FIGURE 10-34. ENGINE FUEL PUMP HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182929	Ref	Fuel Pump Harness	E
1	8220043	2	Connector	
2	4461017	1	Connector	
3	4460508	2	Terminal	

SECTION 10 - ELECTRICAL

FIGURE 10-35. ENGINE GLOW PLUG RELAY HARNESS



ART_1001182930-C

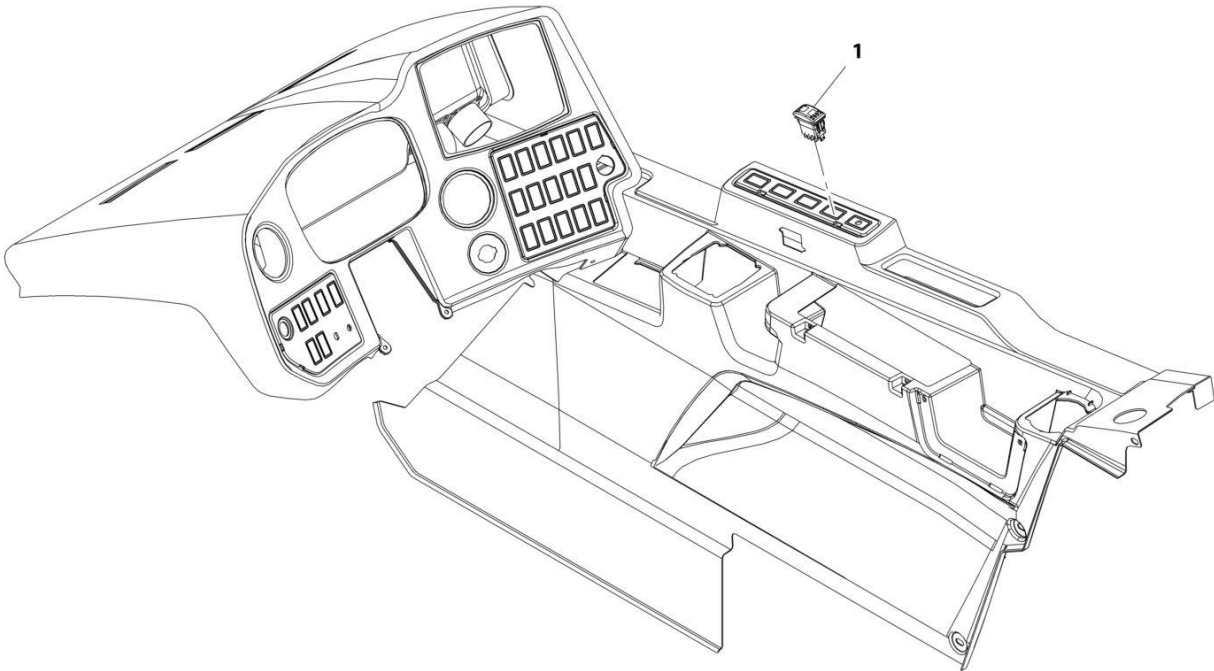
SECTION 10 - ELECTRICAL

FIGURE 10-35. ENGINE GLOW PLUG RELAY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182930	Ref	Glow Plug Relay Harness	C
1	1001187070	2	Ring, Terminal	
2	1001187077	1	Ring, Terminal	
3	4460536	1	Connector	
4	4460464	3	Terminal	

SECTION 10 - ELECTRICAL

FIGURE 10-36. ENGINE SPEED SET SWITCH INSTALLATION



ART_1001197639-B

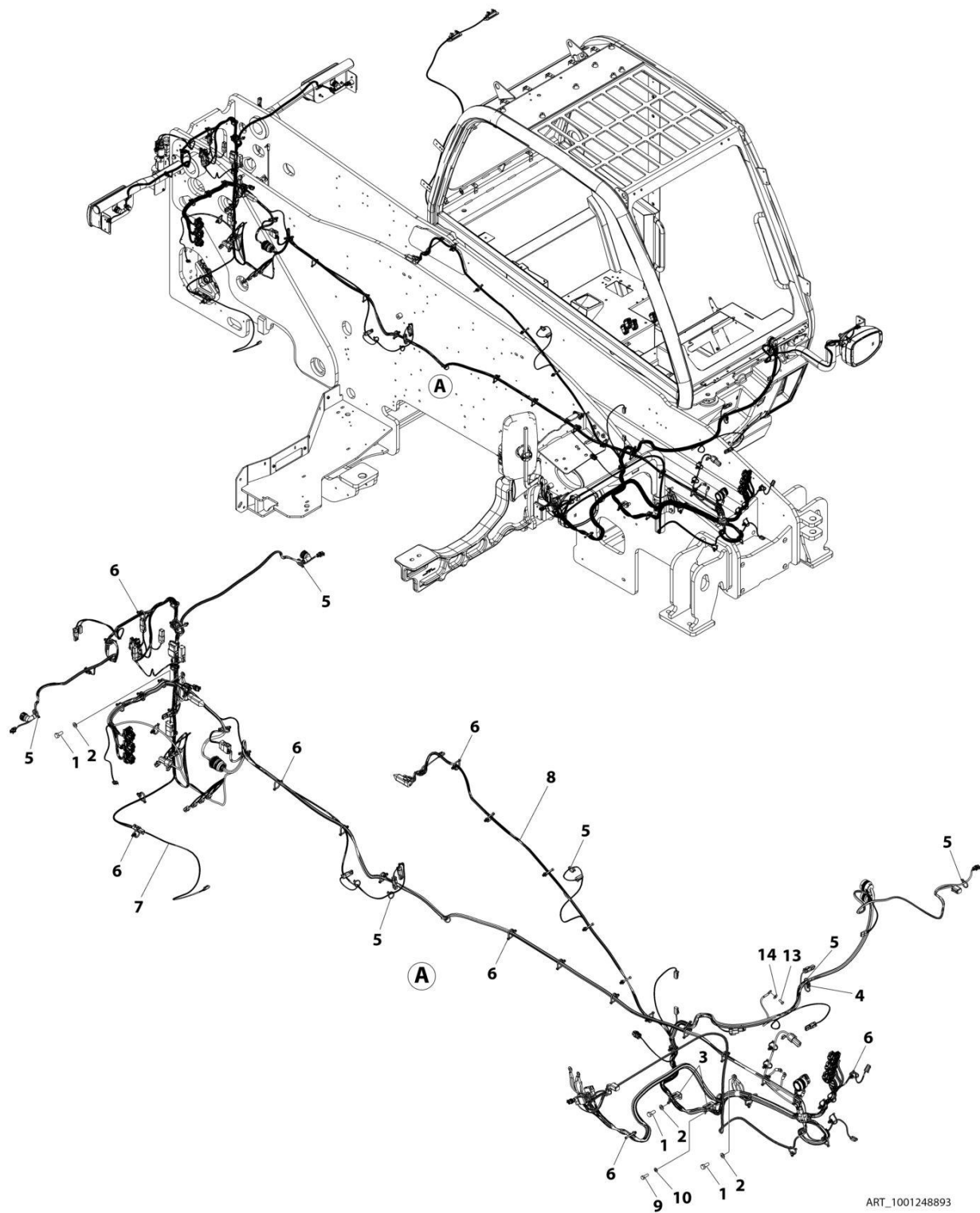
SECTION 10 - ELECTRICAL

FIGURE 10-36. ENGINE SPEED SET SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001197639	1	Engine Speed Set Switch Installation	B
	1001198932	1	Switch, Engine Speed Set	

SECTION 10 - ELECTRICAL

FIGURE 10-37. FRAME MAIN ELECTRICAL INSTALLATION



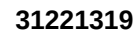
SECTION 10 - ELECTRICAL

FIGURE 10-37. FRAME MAIN ELECTRICAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248893	Ref	MAIN ELECTRICAL INSTALLATION	D
1	0761012	3	Bolt, M10 x 25	
2	4812000	3	Washer, M10	
3	1001003305	2	Clip	
4	1001004723	1	Saddle	
5	1001008559	14	Strap, Cable	
6	1001146588	50	Strap, Cable Tie	
7	1001248891	1	Harness, Rear Frame (See Separate Breakdown in this Section)	
8	1001268851	1	Harness, Front Frame (See Separate Breakdown in this Section)	
9	0700812	1	Capscrew M8 x 25	
10	4811900	1	Washer M8	
13	0760608	1	Capscrew M6 x 16	
14	4811702	1	Washer M6	

784

823



ART_1001248891-B

SECTION 10 - ELECTRICAL

FIGURE 10-38. FRAME HARNESS - FRONT

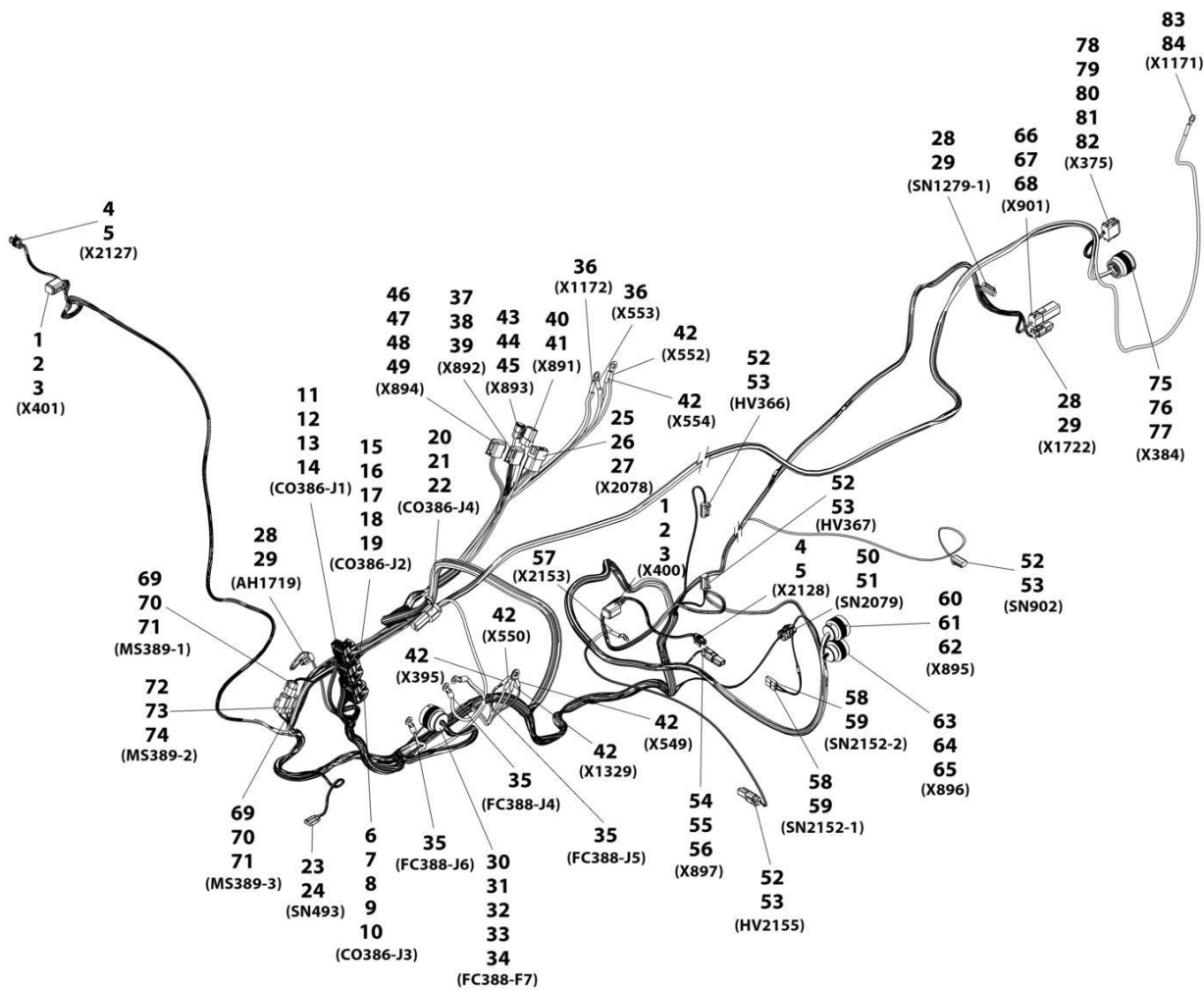
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248891	Ref	Rear Frame Harness	B
1	1001161958	1	Connector	
2	1001161095	11	Terminal	
3	1001161100	13	Terminal	
4	1001161101	4	Terminal	
5	1001161099	4	Terminal	
6	1001161964	1	Connector	
7	1001161095	29	Terminal	
8	1001161100	11	Plug	
9	1001161099	7	Terminal	
10	1001161101	1	Plug	
11	1001160499	1	Connector	
12	1001161100	20	Plug	
13	1001161095	5	Terminal	
14	1001161099	7	Terminal	
15	1001160509	1	Connector	
16	1001160510	1	Terminal	
17	1001175266	1	Seal	
18	4460891	1	Connector	
19	4460465	2	Terminal	
20	4460970	1	Connector	
21	4460464	4	Terminal	
22	1001157891	1	Terminal	
23	4460466	7	Plug	
24	1001165311	1	Connector	
25	91013191	2	Terminal	
26	4460894	1	Connector	
27	4460465	2	Terminal	
28	4460466	4	Plug	
29	4461262	1	Connector	
30	1001107854	3	Terminal	
31	1001104498	3	Seal	
32	1001116995	1	Connector	
33	1001118379	1	Terminal	
34	1001117110	1	Connector	
35	1001117108	1	Connector	
36	4460911	1	Connector	
37	1001126008	3	Terminal	
38	4460539	1	Connector	
39	4460465	3	Terminal	
40	4460931	1	Connector	
41	4460465	6	Terminal	
42	4460466	2	Plug	
43	4460894	1	Connector	
44	4460942	6	Terminal	
45	4461118	1	Connector	
46	1001107854	2	Terminal	
47	1001104498	2	Seal	
48	4460933	1	Connector	
49	4460465	10	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	4460466	2	Plug	
51	1001116996	1	Connector	
52	1001118392	6	Terminal	
53	4461054	6	Seal	
54	1001116696	1	Plug	
55	4461118	1	Connector	
56	1001107854	2	Terminal	
57	4460884	1	Connector	
58	4460465	2	Terminal	
59	4460466	2	Plug	
60	4460884	1	Connector	
61	4460465	4	Plug	

SECTION 10 - ELECTRICAL

FIGURE 10-39. FRAME HARNESS - REAR



ART_1001248892-B

SECTION 10 - ELECTRICAL

FIGURE 10-39. FRAME HARNESS - REAR

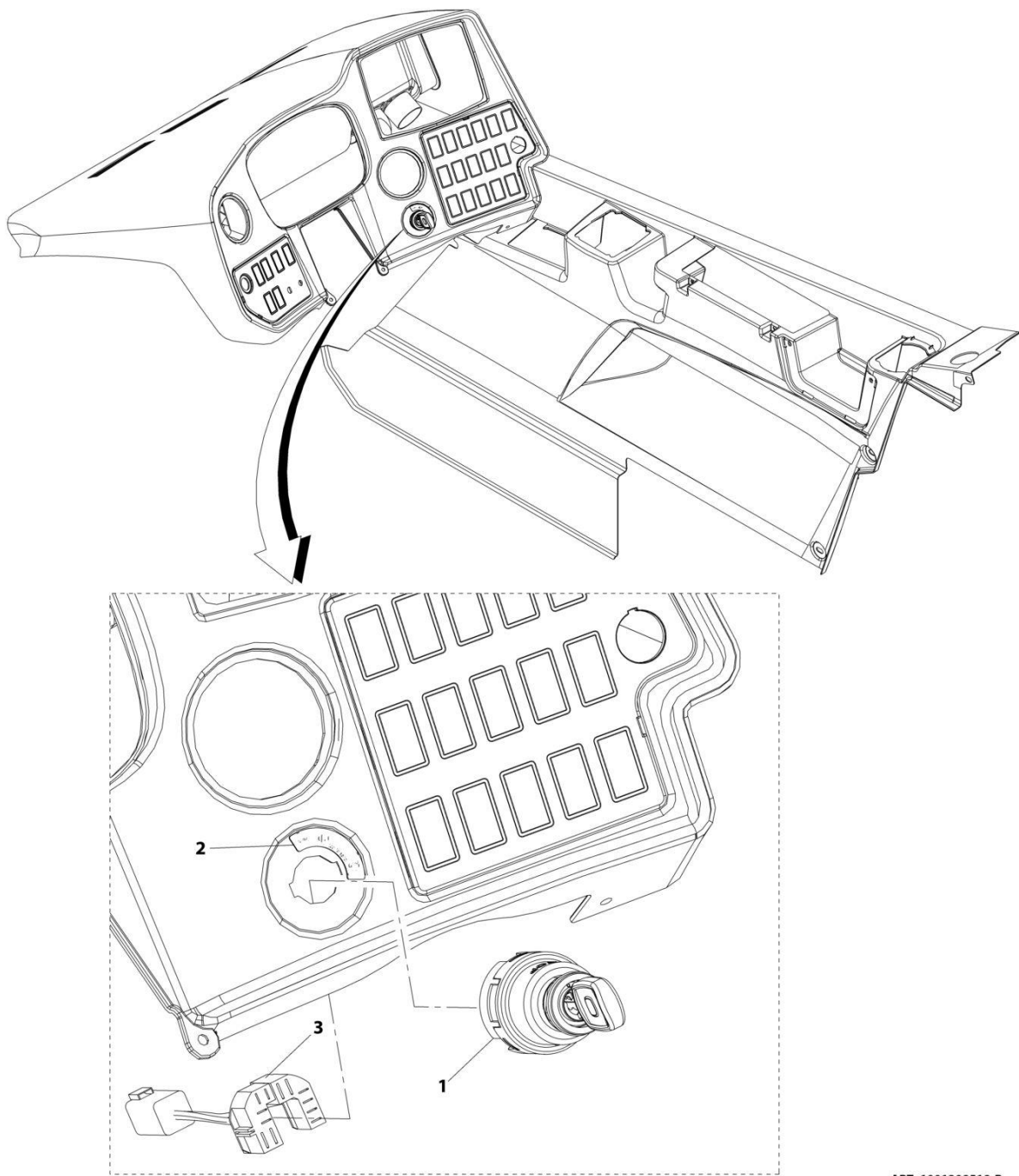
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248892	Ref	Front Frame Harness	B
1	4460894	1	Connector	
2	4460942	5	Terminal	
3	4460466	1	Plug	
4	4461118	1	Connector	
5	1001107854	3	Terminal	
6	1001160500	1	Connector	
7	1001161100	13	Plug	
8	1001161095	11	Terminal	
9	1001161101	1	Plug	
10	1001161099	7	Terminal	
11	1001161957	1	Connector	
12	1001161095	11	Terminal	
13	1001161100	18	Plug	
14	1001161098	3	Terminal	
15	1001161963	1	Connector	
16	1001161095	18	Terminal	
17	1001161100	22	Plug	
18	1001161099	6	Terminal	
19	1001161101	2	Plug	
20	1001160509	1	Connector	
21	1001160510	1	Terminal	
22	1001175266	1	Seal	
23	4460911	1	Connector	
24	1001126008	3	Terminal	
25	4460970	1	Connector	
26	4460464	7	Terminal	
27	4460466	5	Plug	
28	4460891	1	Connector	
29	4460942	2	Terminal	
30	1001165309	1	Connector	
31	4460466	2	Plug	
32	4460465	7	Terminal	
33	4460509	7	Terminal	
34	1001150611	4	Terminal	
35	8220114	1	Connector	
36	1001128127	1	Connector	
37	4460933	1	Connector	
38	4460465	9	Terminal	
39	4460466	3	Plug	
40	1001116810	1	Connector	
41	4460509	4	Terminal	
42	1001117110	1	Connector	
43	1001116812	1	Connector	
44	4460465	2	Terminal	
45	4460466	1	Terminal	
46	4460836	1	Connector	
47	4460942	1	Terminal	
48	4460465	9	Terminal	
49	4460466	2	Plug	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001116950	1	Connector	
51	4460465	2	Terminal	
52	4460891	1	Connector	
53	4460465	2	Terminal	
54	4460891	1	Connector	
55	1001157890	1	Terminal	
56	4460466	1	Plug	
57	1001117109	1	Connector	
58	1001116995	1	Connector	
59	1001118379	1	Terminal	
60	1001118323	1	Connector	
61	4460942	4	Terminal	
62	91013192	2	Terminal	
63	4461015	1	Connector	
64	4460465	7	Terminal	
65	4460466	7	Plug	
66	4460894	1	Connector	
67	4460942	4	Terminal	
68	4460465	2	Terminal	
69	1001116812	1	Connector	
70	4460944	2	Terminal	
71	4460466	1	Plug	
72	4460539	1	Connector	
73	4460944	2	Terminal	
74	4460466	1	Plug	
75	1001165310	1	Connector	
76	1001116686	4	Terminal	
77	91013192	2	Terminal	
78	4460933	1	Connector	
79	4460465	3	Terminal	
80	4460942	1	Terminal	
81	1001157890	2	Terminal	
82	4460466	6	Plug	
83	1001117108	1	Connector	
84	1001117109	1	Terminal	

SECTION 10 - ELECTRICAL

FIGURE 10-40. IGNITION SWITCH INSTALLATION



ART_1001208518-B

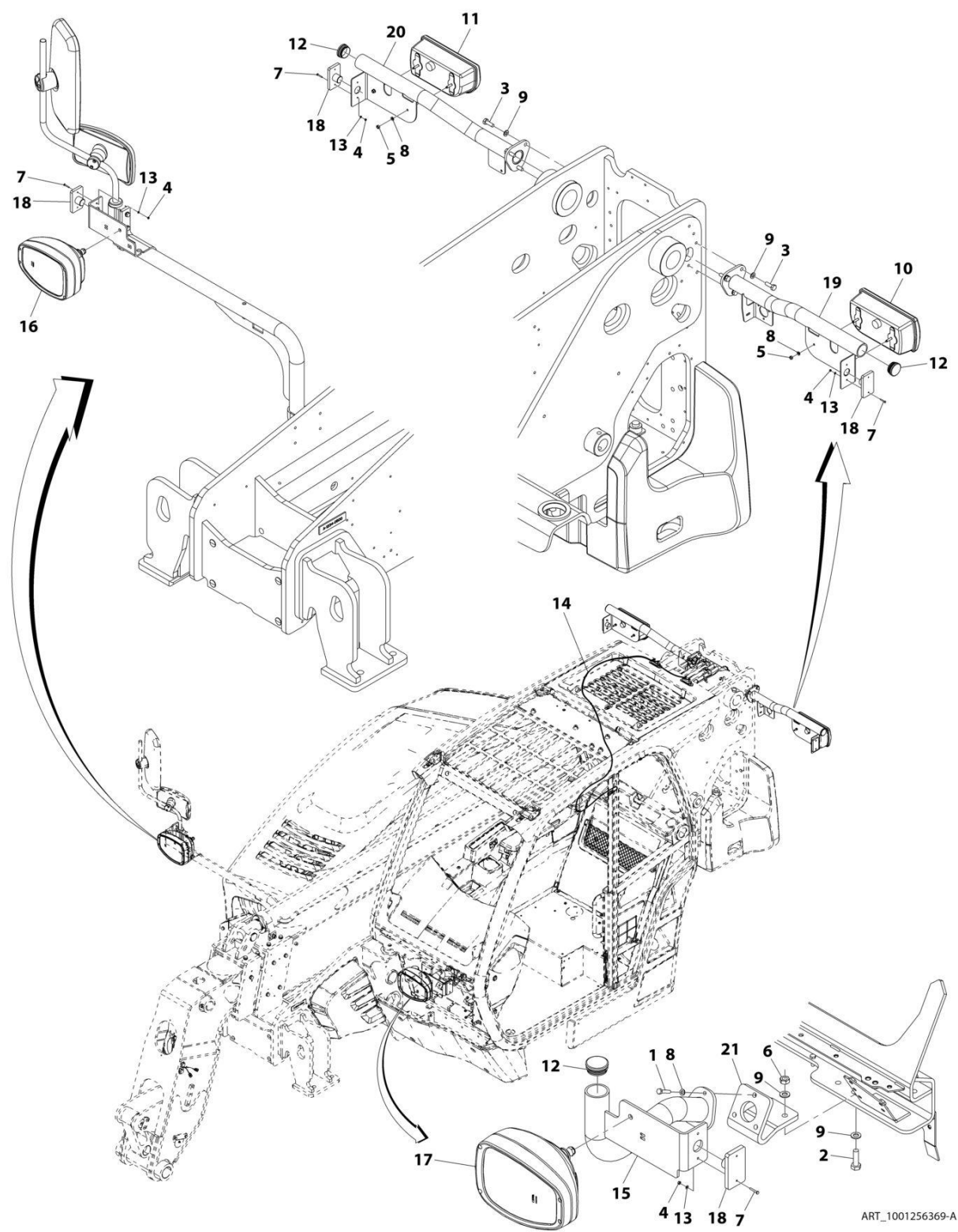
SECTION 10 - ELECTRICAL

FIGURE 10-40. IGNITION SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208518	Ref	Ignition Switch Installation	B
1	1001102502	1	Switch, 4 Position Key	
1	70022765	1	Key, Ignition	
2	1001181531	1	Decal, Ignition Switch	
3	1001223968	1	Harness, Ignition Switch	

SECTION 10 - ELECTRICAL

FIGURE 10-41. LIGHTS - DIP LIGHTS INSTALLATION (RH)



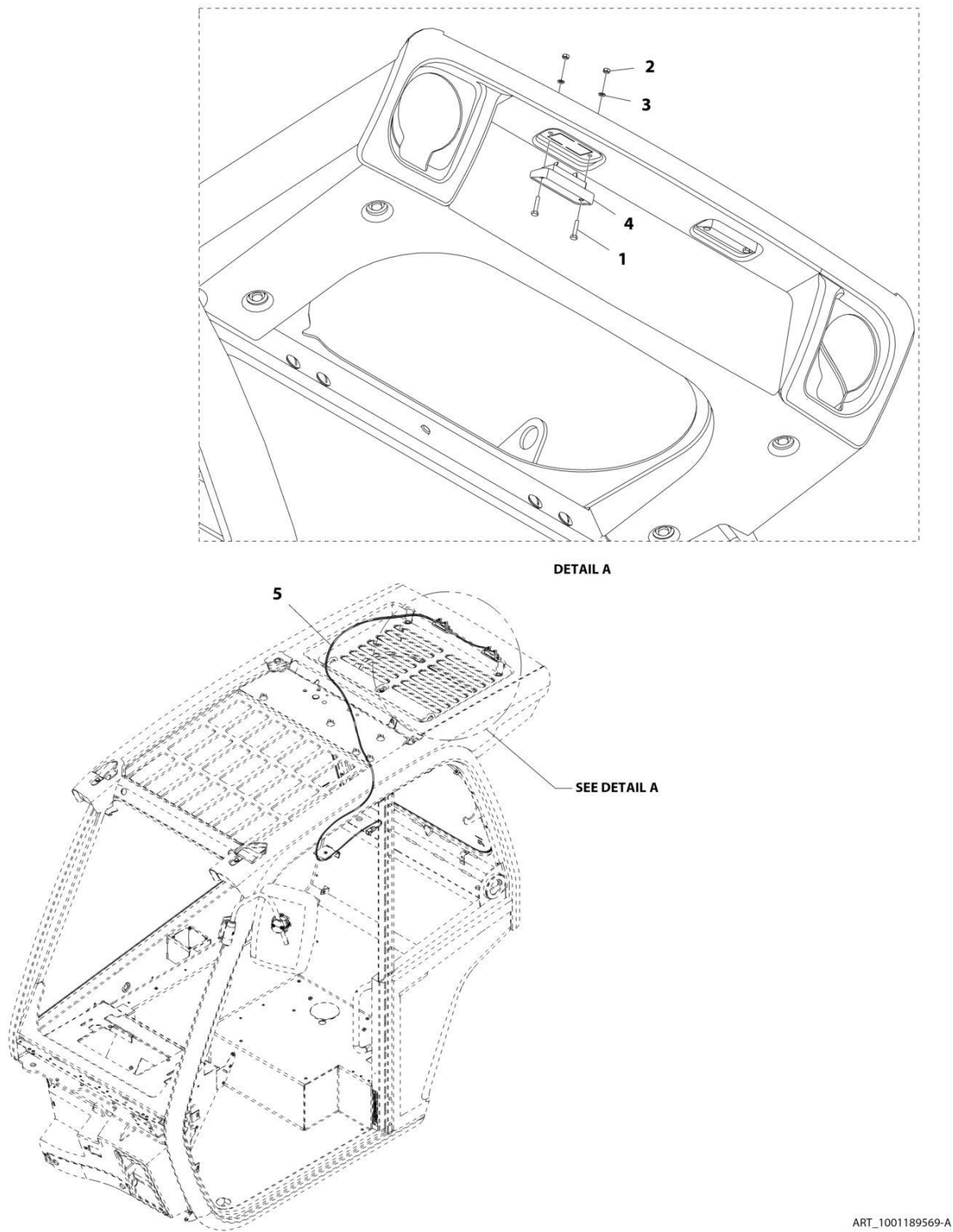
SECTION 10 - ELECTRICAL

FIGURE 10-41. LIGHTS - DIP LIGHTS INSTALLATION (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256369	Ref	Dip Lights Installation (RHD - No Outriggers)	B
1	0700614	3	Bolt M6 X 30	
2	0701015	2	Bolt M10 X 35	
3	0761012	1	Bolt M10 X 25	
4	3290305	8	Nut, Lock M3 X 0.5	
5	3290601	4	Nut M6 X 1	
6	3291001	2	Nut M10 X 1.5	
7	4010310	8	Screw M3 X 20	
8	4811700	7	Washer M6	
9	4812000	10	Washer M10	
10	1001091715	1	Taillight (LH)	
11	1001091716	1	Taillight (RH)	
12	1001096913	3	Bracket	
13	1001110544	8	Washer	
14	1001189569	1	Installation, License Plate Lamp (See Separate Breakdown in this Section)	
15	1001242650	1	Bracket	
16	1001244593	1	Headlight (RH)	
17	1001244594	1	Headlight (LH)	
18	1001248416	4	Light, Side Marker	
19	1001248899	1	Bracket	
20	1001248901	1	Bracket	
21	1001248902	1	Mount	

SECTION 10 - ELECTRICAL

FIGURE 10-42. LIGHTS - LICENSE PLATE LAMP INSTALLATION



ART_1001189569-A

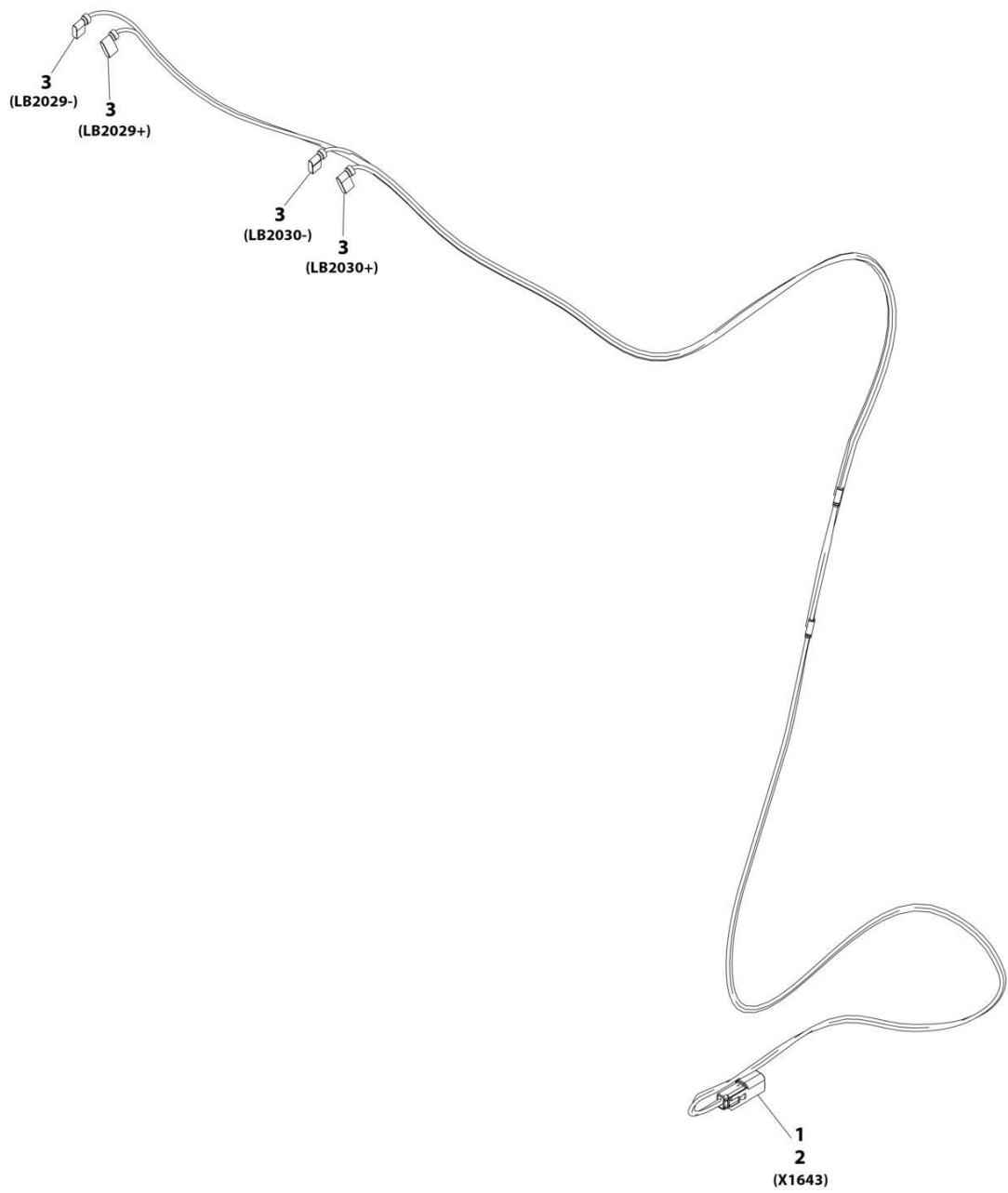
SECTION 10 - ELECTRICAL

FIGURE 10-42. LIGHTS - LICENSE PLATE LAMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189569	Ref	License Plate Lamp Installation	A
1	0760410	4	Bolt, M4X20	
2	3290401	4	Nut, M4X0.7 Grade 8	
3	4831400	4	Washer, Lock M4	
4	1001173829	2	Lamp, License Plate	
5	1001178053	1	Harness, License Light (See Separate Breakdown in this Section)	

SECTION 10 - ELECTRICAL

FIGURE 10-43. LIGHTS - LICENSE PLATE LAMP HARNESS



ART_1001178053-C

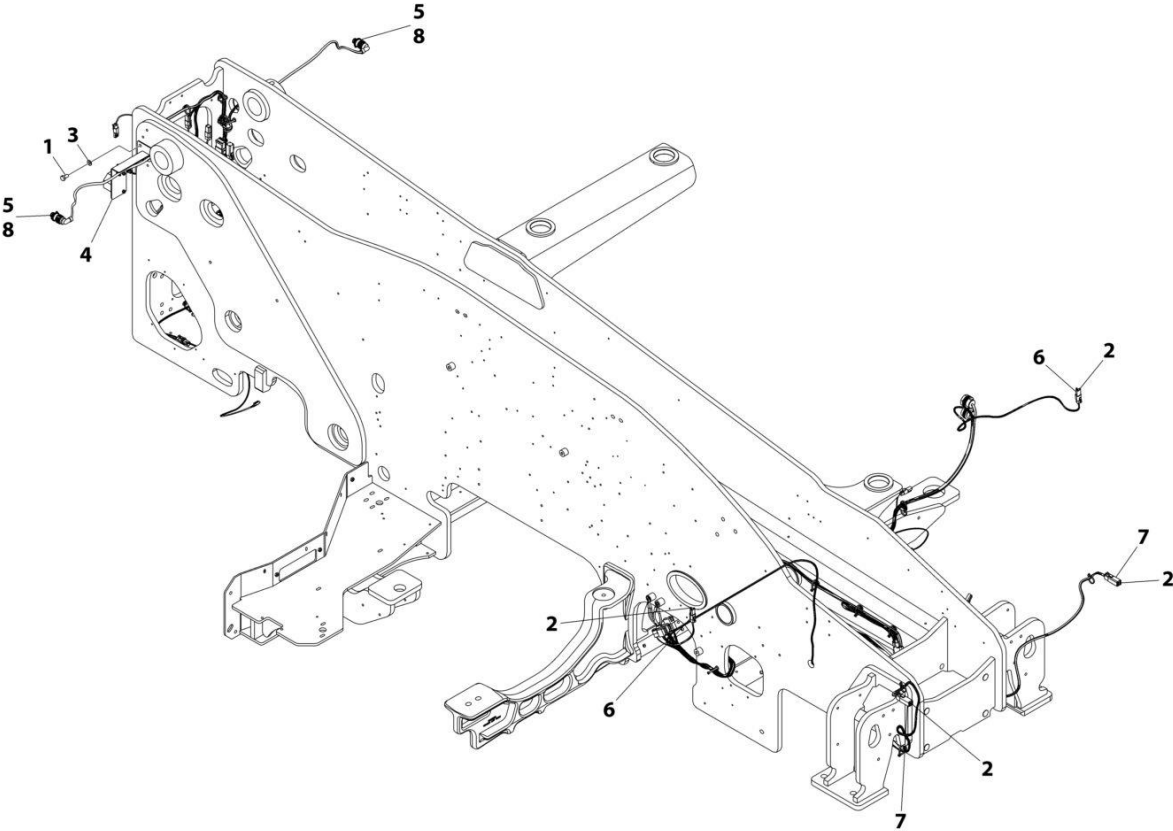
SECTION 10 - ELECTRICAL

FIGURE 10-43. LIGHTS - LICENSE PLATE LAMP HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178053	Ref	License Light Harness	C
1	4460897	1	Connector	
2	4460941	2	Terminal	
3	1001190396	4	Connector	

SECTION 10 - ELECTRICAL

FIGURE 10-44. LIGHTS - NO ROADLIGHTS INSTALLATION



ART_1001225382-A

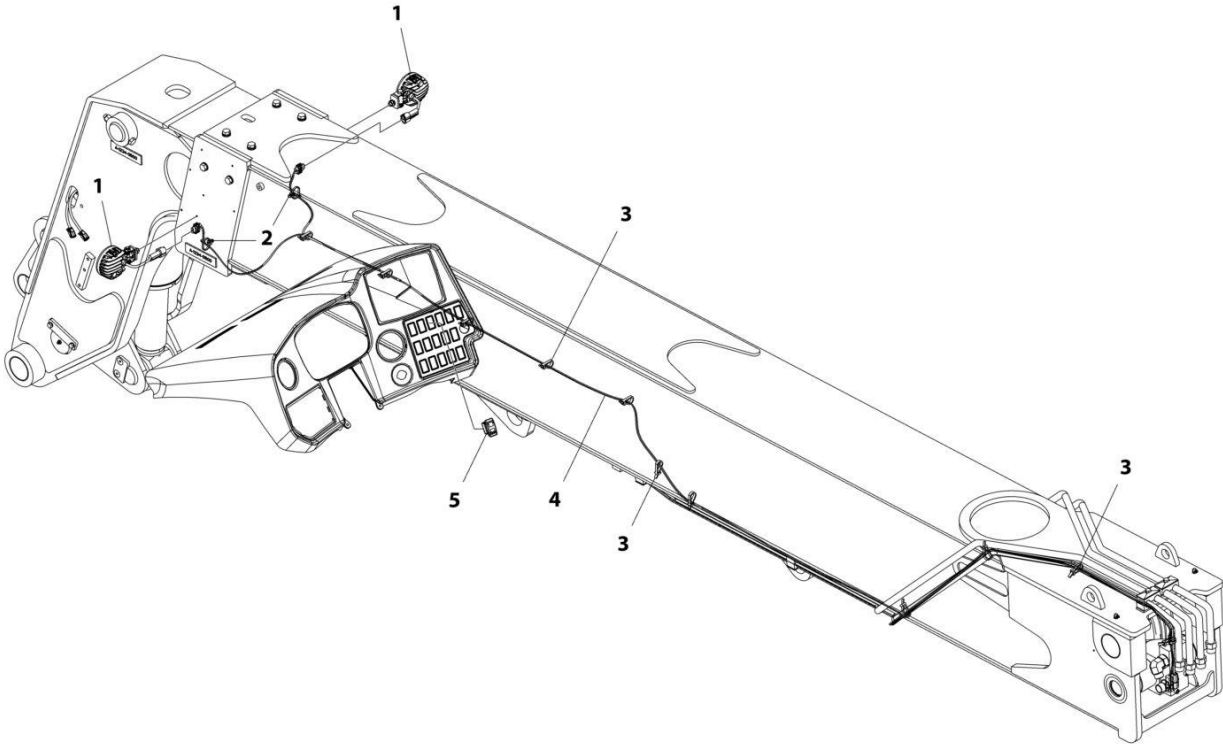
SECTION 10 - ELECTRICAL

FIGURE 10-44. LIGHTS - NO ROADLIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225382	Ref	No Road Lights Installation	A
1	0761010	2	Bolt, M10X20	
2	4460466	18	Plug	
3	4812000	2	Washer, M10	
4	1001225386	1	Mount, Reverse Alarm	
5	1001225658	2	Connector	
6	4460536	2	Connector	
7	4460899	2	Connector	
8	4461008	14	Plug	

SECTION 10 - ELECTRICAL

FIGURE 10-45. LIGHTS - WORKLIGHTS INSTALLATION (BOOM MOUNTED)



ART_1001180529_E

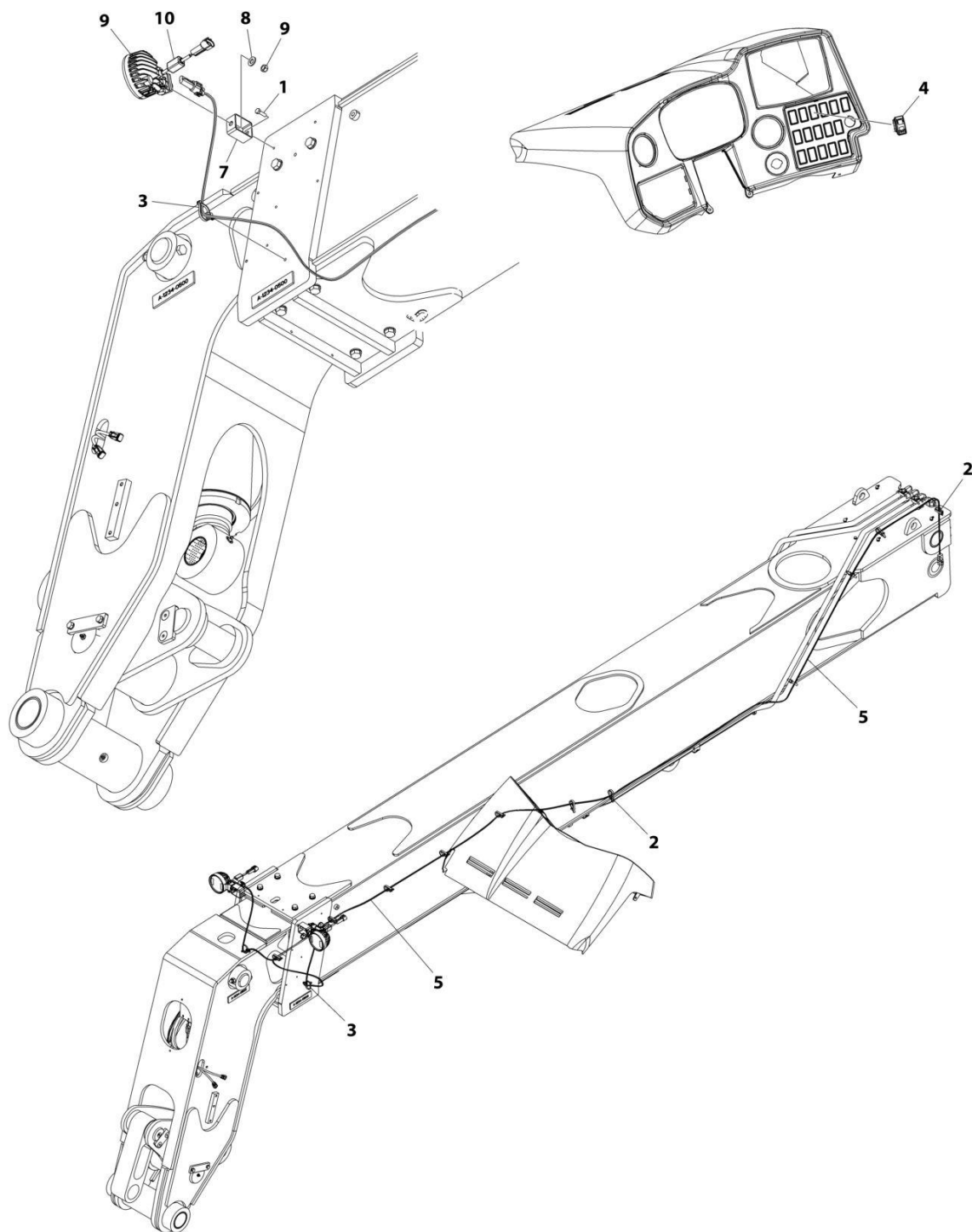
SECTION 10 - ELECTRICAL

FIGURE 10-45. LIGHTS - WORKLIGHTS INSTALLATION (BOOM MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180529	Ref	BOOM WORKLIGHTS INSTALLATION	E
1	1001273635	2	Worklight	
2	1001146588	2	Strap, Cable	
3	1001008923	11	Strap, Cable	
4	1001183297	1	Harness, Boom Worklights (See Separate Breakdown in this Section)	
5	1001159739	1	Switch, Boom Worklights	

SECTION 10 - ELECTRICAL

FIGURE 10-46. LIGHTS - WORKLIGHTS INSTALLATION - LED (BOOM MOUNTED)



ART_1001210961_F

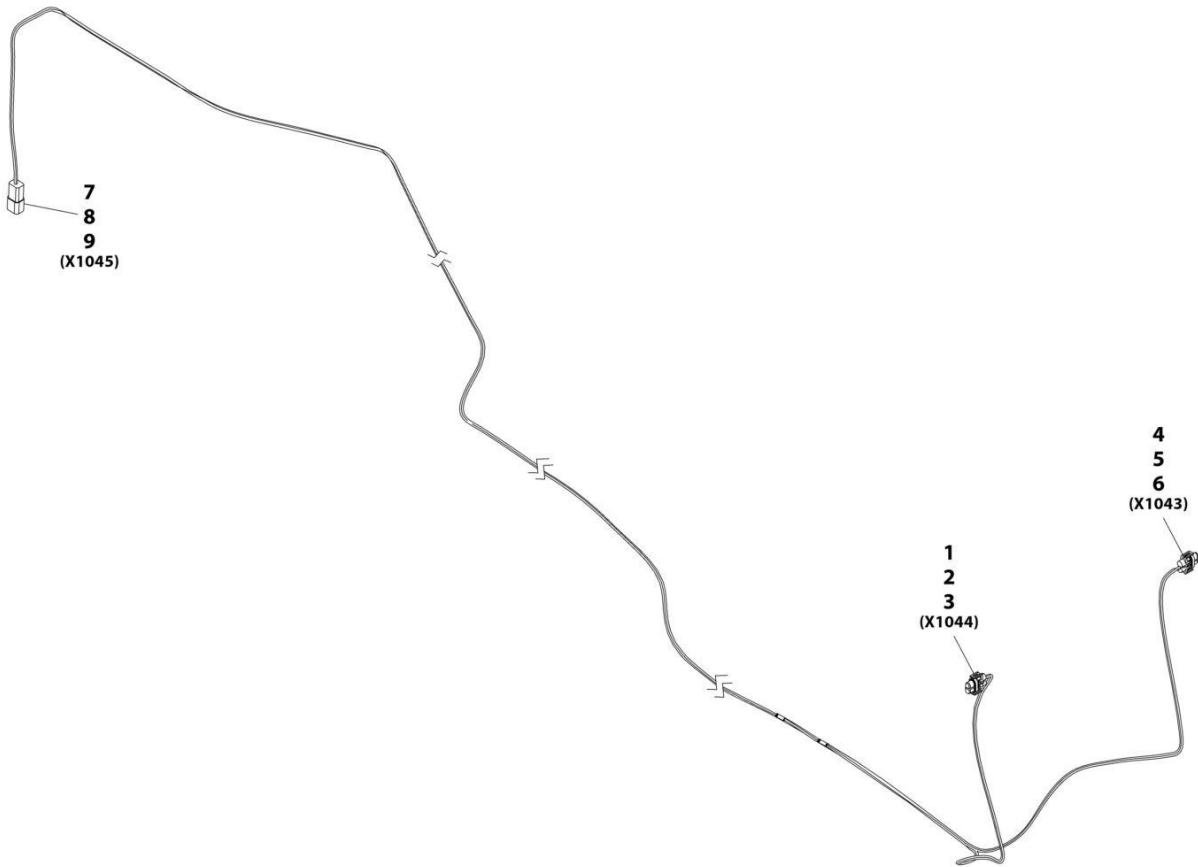
SECTION 10 - ELECTRICAL

FIGURE 10-46. LIGHTS - WORKLIGHTS INSTALLATION - LED (BOOM MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210961	Ref	BOOM LED WORKLIGHTS INSTALLATION	F
1	0760610	2	Bolt M6 x 20	
2	1001008923	11	Strap, Cable	
3	1001146588	2	Strap, Tie	
4	1001159739	1	Switch, Boom Worklights	
5	1001183297	1	Harness, Boom Worklights (See Separate Breakdown in this Section)	
7	1001210962	2	Bracket	
8	4812000	2	Washer M10	
9	1001273635	2	Worklights	
10	1001228989	2	Ferrite	

SECTION 10 - ELECTRICAL

FIGURE 10-47. LIGHTS - WORKLIGHTS HARNESS (BOOM MOUNTED LIGHTS)



ART_1001183297-C

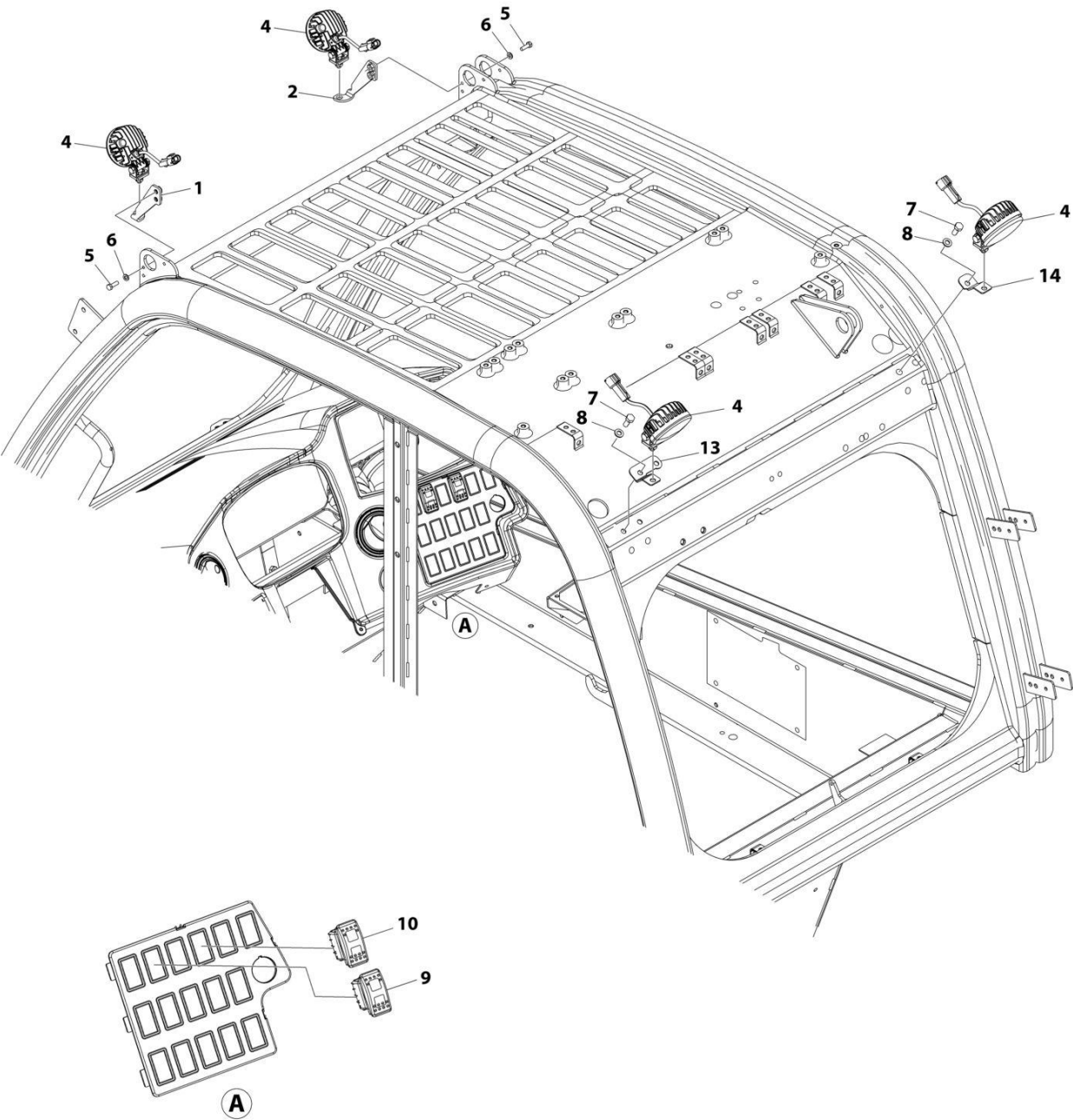
SECTION 10 - ELECTRICAL

FIGURE 10-47. LIGHTS - WORKLIGHTS HARNESS (BOOM MOUNTED LIGHTS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183297	Ref	Boom Worklights Harness	C
1	4461115	1	Connector	
2	1001116728	2	Terminal	
3	4460458	2	Seal	
4	4461115	1	Connector	
5	1001116728	2	Terminal	
6	4460458	2	Seal	
7	4460932	1	Connector	
8	4460464	2	Terminal	
9	4460466	2	Plug	

SECTION 10 - ELECTRICAL

FIGURE 10-48. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (NO A/C)



ART_1001167822_G

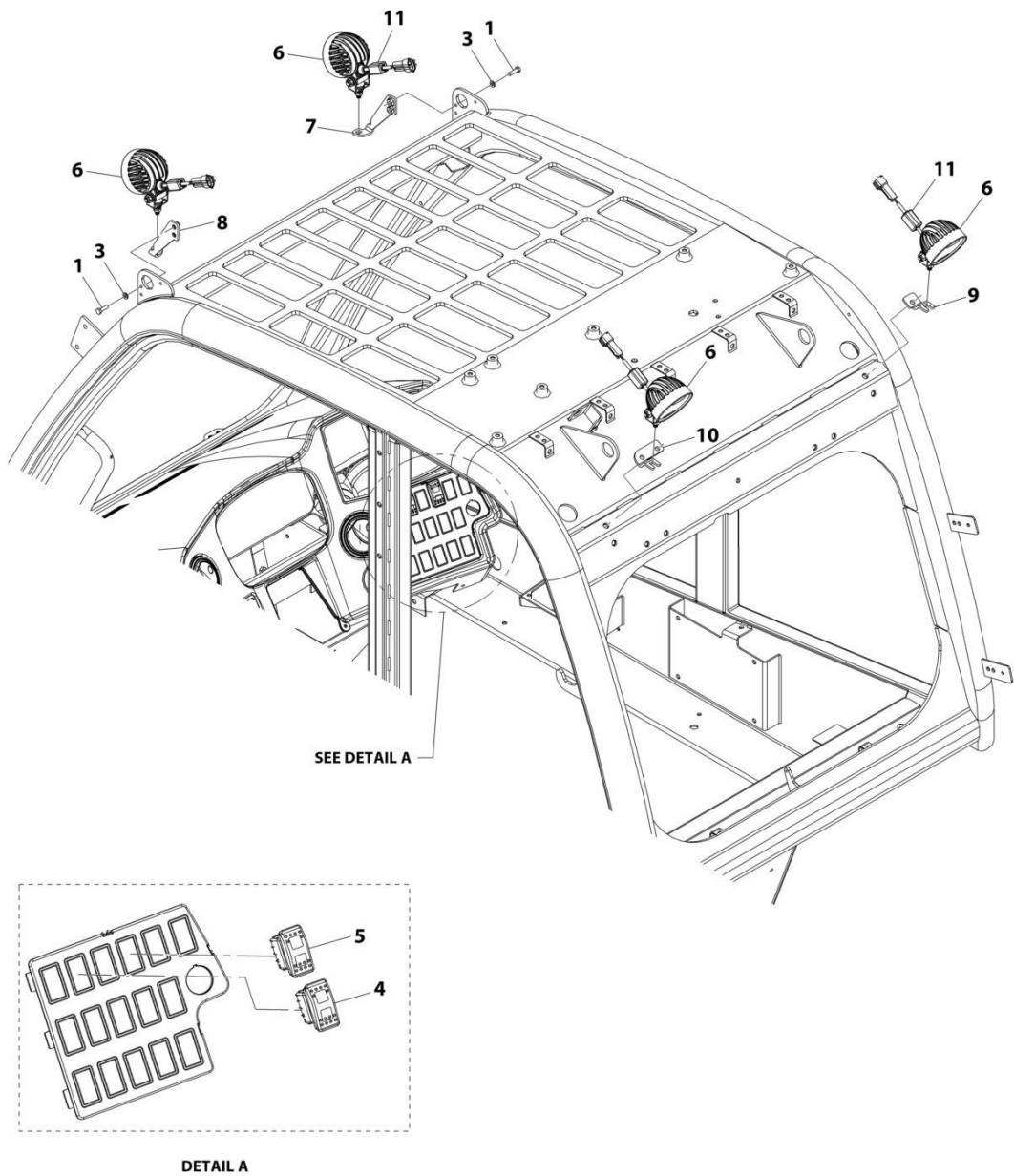
SECTION 10 - ELECTRICAL

FIGURE 10-48. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (NO A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167822	Ref	CAB WORKLIGHTS INSTALLATION (NO A/C)	G
1	1001186567	1	Bracket, Work Light LH	
2	1001186565	1	Bracket, Work Light RH	
4	1001273635	4	Worklights	
5	0700610	4	Bolt M6 x 20	
6	4811700	4	Washer M6	
7	0760810	2	Bolt M8 x 20	
8	4811900	2	Washer M8	
9	1001159845	1	Switch, Front Worklights	
10	1001159846	1	Switch, Rear Worklights	
13	1001183888	1	Bracket, Work Light LH	
14	1001183890	1	Bracket, Work Light RH	

SECTION 10 - ELECTRICAL

FIGURE 10-49. LIGHTS - WORKLIGHTS INSTALLATION - LED (CAB MOUNTED) (NO A/C)



ART_1001200538-D

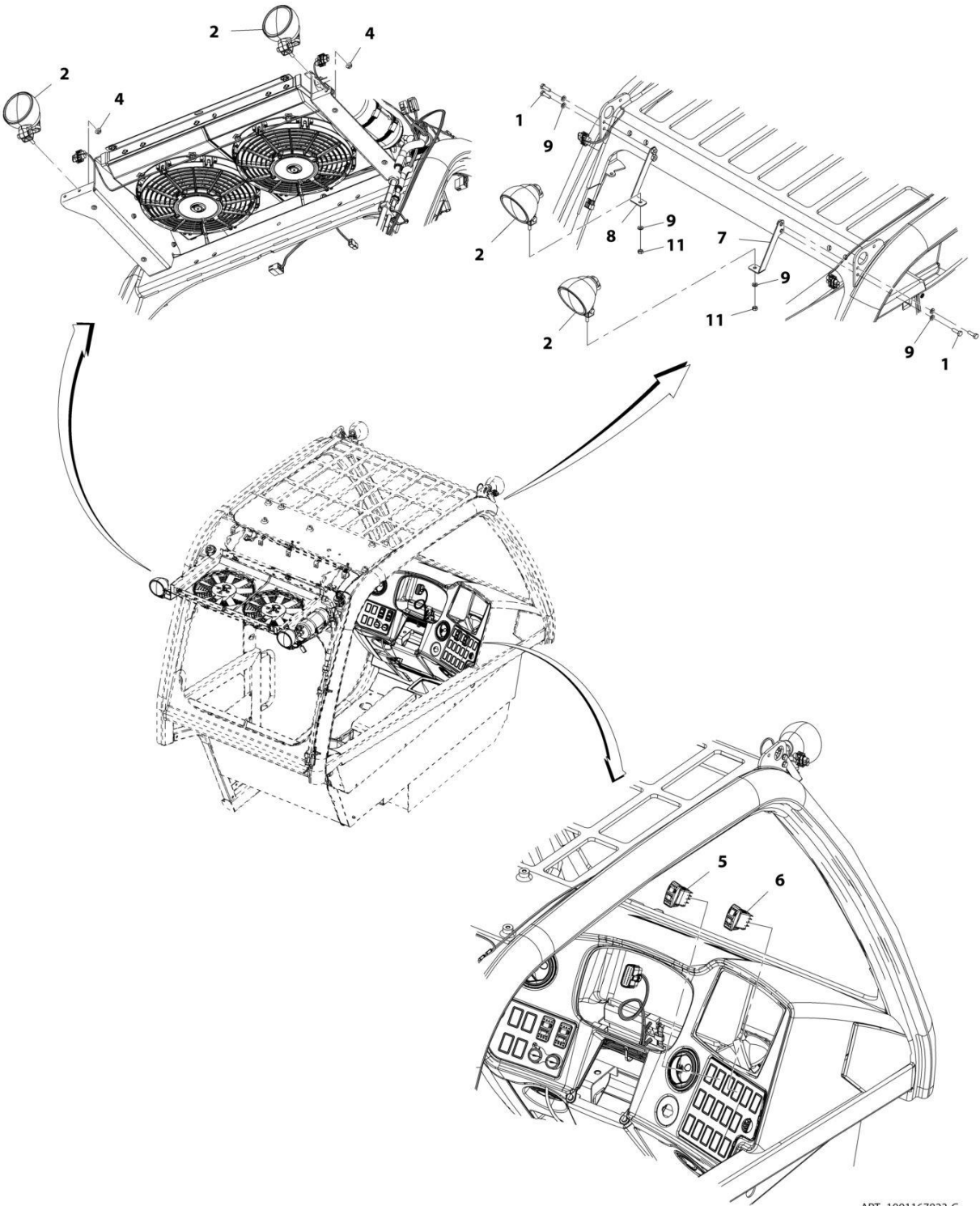
SECTION 10 - ELECTRICAL

FIGURE 10-49. LIGHTS - WORKLIGHTS INSTALLATION - LED (CAB MOUNTED) (NO A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200538	Ref	Cab Worklights Installation (No A/C - LED)	D
1	0700610	4	Bolt, M6X20	
3	4811700	4	Washer, M6	
4	1001159845	1	Switch, Front Worklights	
5	1001159846	1	Switch, Rear Worklights	
6	1001203640	4	Lamp, LED Work Light	
7	1001244193	1	Support, LED Work Light RH	
8	1001244192	1	Support, LED Work Light LH	
9	1001204528	1	Support, LED Work Light RH	
10	1001204530	1	Support, LED Work Light LH	
11	1001228989	4	Harness, Ferrite	

SECTION 10 - ELECTRICAL

FIGURE 10-50. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (WITH A/C)



ART_1001167823-G

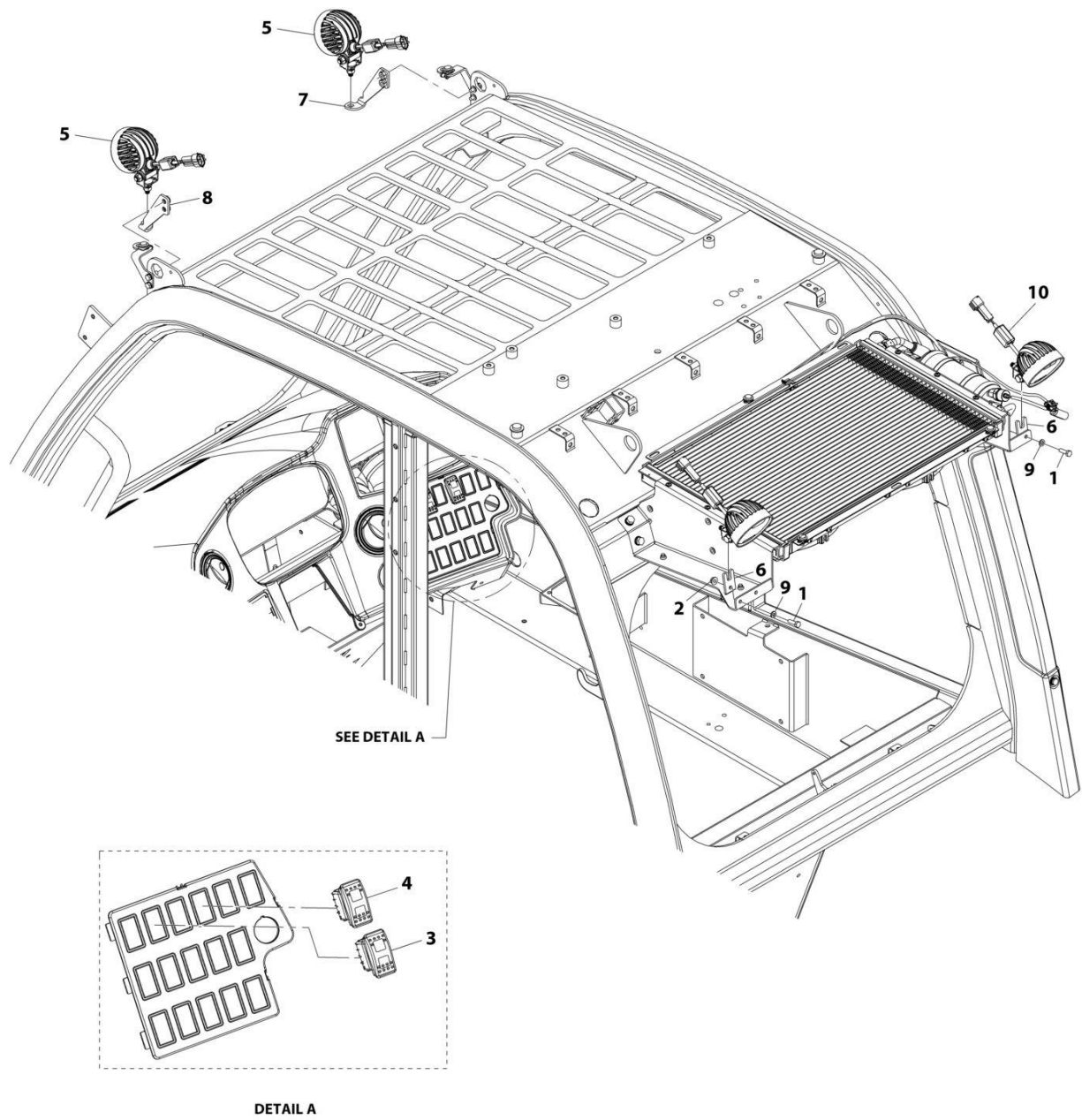
SECTION 10 - ELECTRICAL

FIGURE 10-50. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (WITH A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167823	Ref	Cab Worklights Installation (A/C)	G
1	0700610	4	Bolt, M6X20	
2	2920206	4	Worklight	
4	5220600	2	Nut, M6	
5	1001159845	1	Switch, Front Worklights	
6	1001159846	1	Switch, Rear Worklights	
7	1001186567	1	Bracket, Work Light LH	
8	1001186565	1	Bracket, Work Light RH	
9	4811700	6	Washer, M6	
11	3290601	2	Nut, M6X1 Grade 8	

SECTION 10 - ELECTRICAL

FIGURE 10-51. LIGHTS - WORKLIGHTS INSTALLATION -LED (CAB MOUNTED) (WITH A/C)



ART_1001200539-D

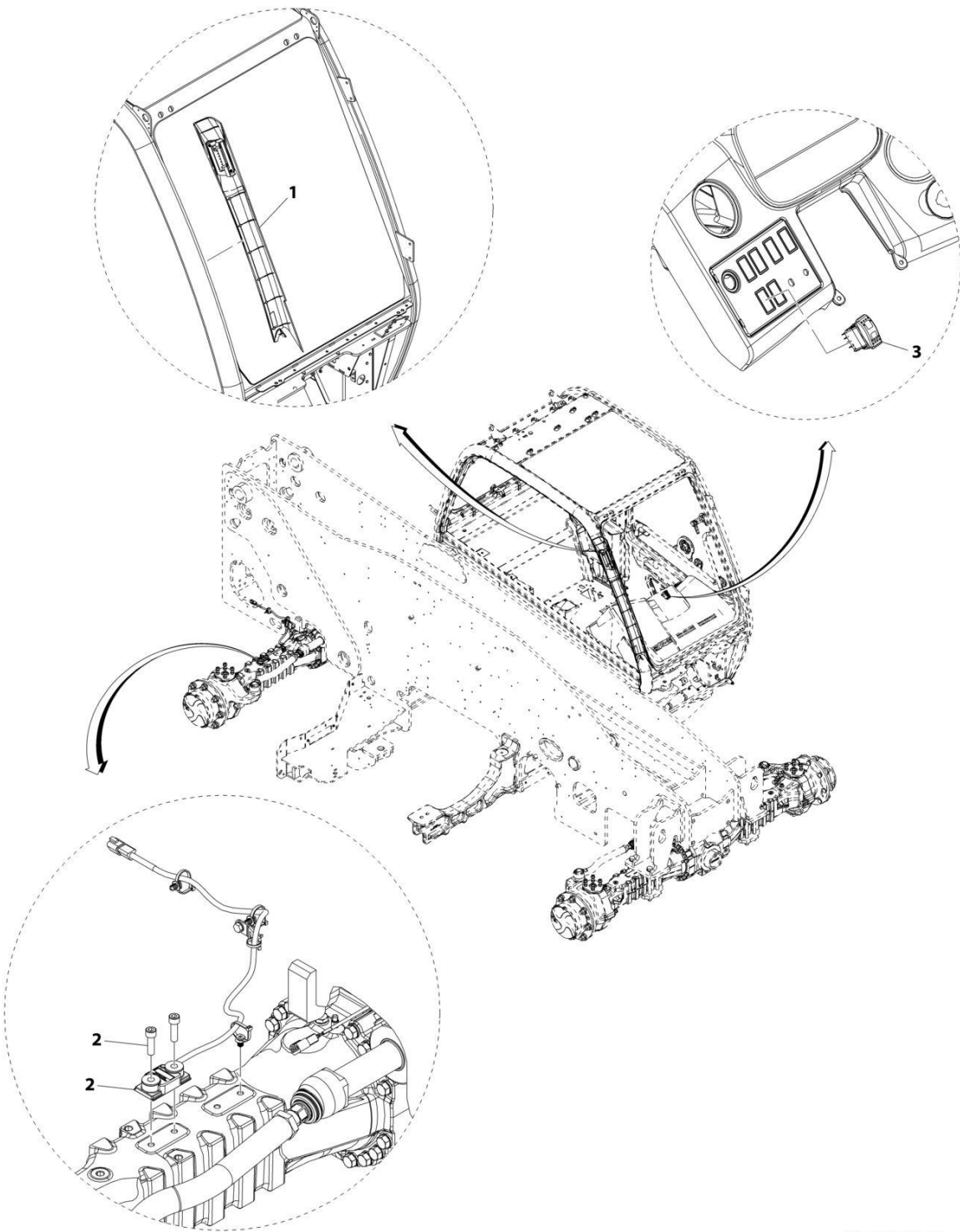
SECTION 10 - ELECTRICAL

FIGURE 10-51. LIGHTS - WORKLIGHTS INSTALLATION -LED (CAB MOUNTED) (WITH A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200539	Ref	Cab Worklights Installation (A/C - LED)	D
1	0700610	2	Bolt, M6X20	
2	5220600	2	Nut, M6	
3	1001159845	1	Switch, Front Worklights	
4	1001159846	1	Switch, Rear Worklights	
5	1001203640	4	Lamp, LED Work Light	
6	1001204060	2	Bracket	
7	1001244193	1	Support, LED Work Light RH	
8	1001244192	1	Support, LED Work Light LH	
9	4811700	2	Washer, M6	
10	1001228989	4	Harness, Ferrite	

SECTION 10 - ELECTRICAL

FIGURE 10-52. LSI SENSOR INSTALLATION



ART_1001257425-A

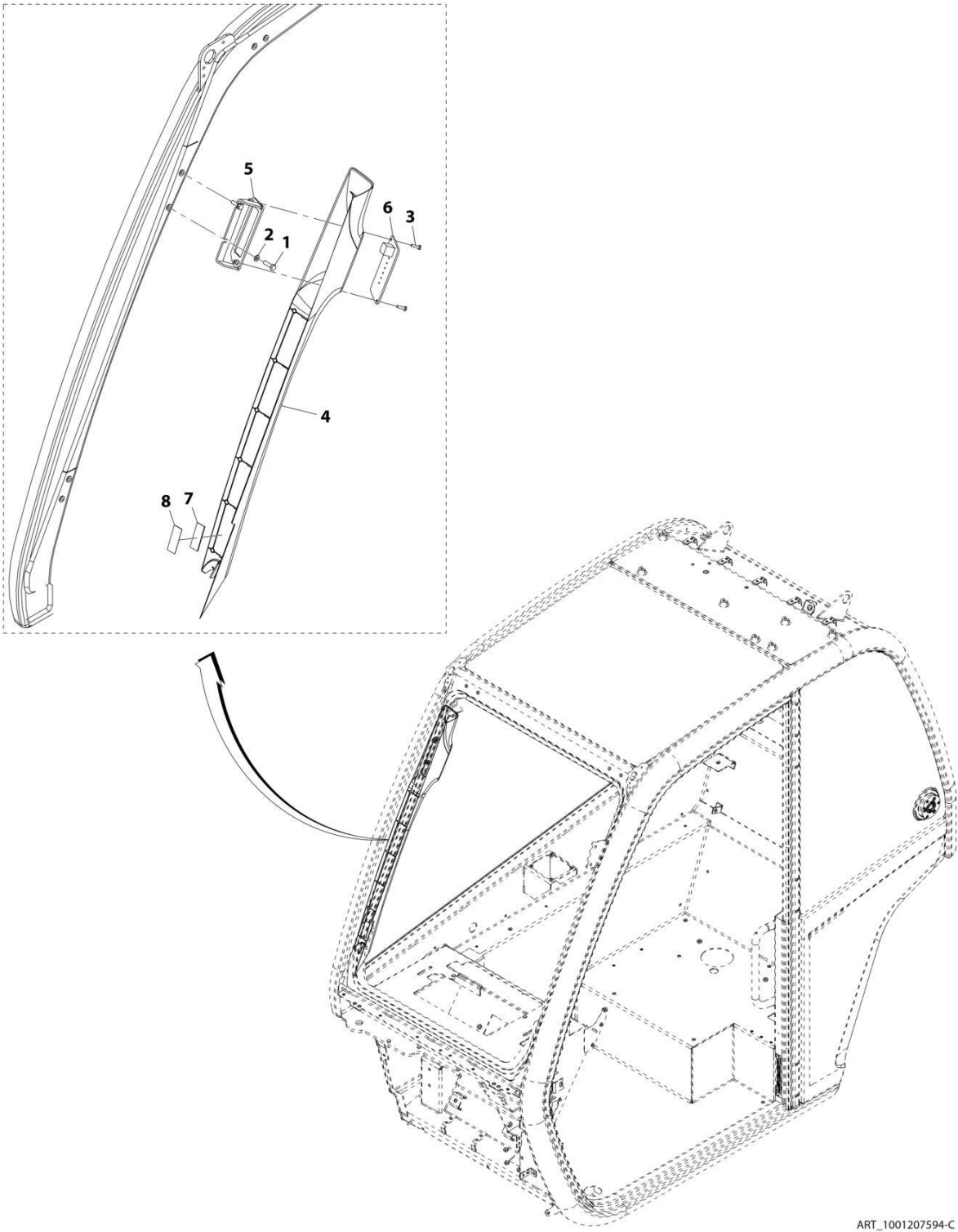
SECTION 10 - ELECTRICAL

FIGURE 10-52. LSI SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001257425	Ref	LSI Sensor Installation (24IN Wheel)	A
	1001207594	1	Installation, LSI Assembly (See Separate Breakdown in this Section)	
2	1001199935	1	Installation, LSI Sensor (24IN Wheel) (See Separate Breakdown in this Section)	
3	1001257426	1	Installation, LSI Switch (See Separate Breakdown in this Section)	

SECTION 10 - ELECTRICAL

FIGURE 10-53. LSI DISPLAY INSTALLATION



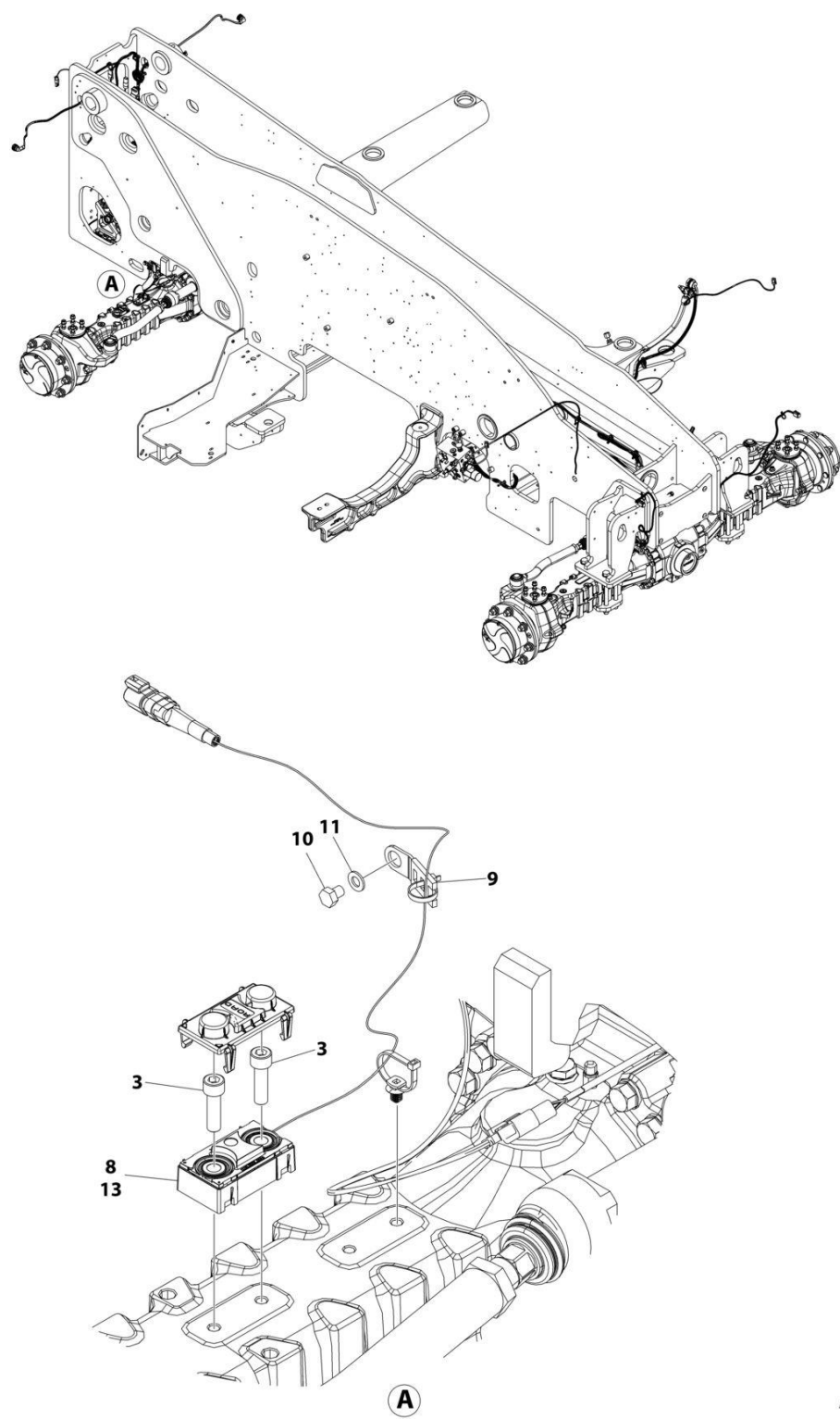
SECTION 10 - ELECTRICAL

FIGURE 10-53. LSI DISPLAY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207594	Ref	LSI Display Installation	C
1	0760610	2	Bolt, M6X20	
2	4811700	2	Washer, M6	
3	1001126837	2	Screw, M4X16	
4	1001182839	1	Cover	
5	1001214401	1	Bracket	
6	1001213752	1	Display, LSI	
7	1001221318	1	Tape, Hook Fastener	
8	1001221319	1	Tape, Hook Fastener	

SECTION 10 - ELECTRICAL

FIGURE 10-54. LSI SENSOR INSTALLATION



ART_1001199935_F

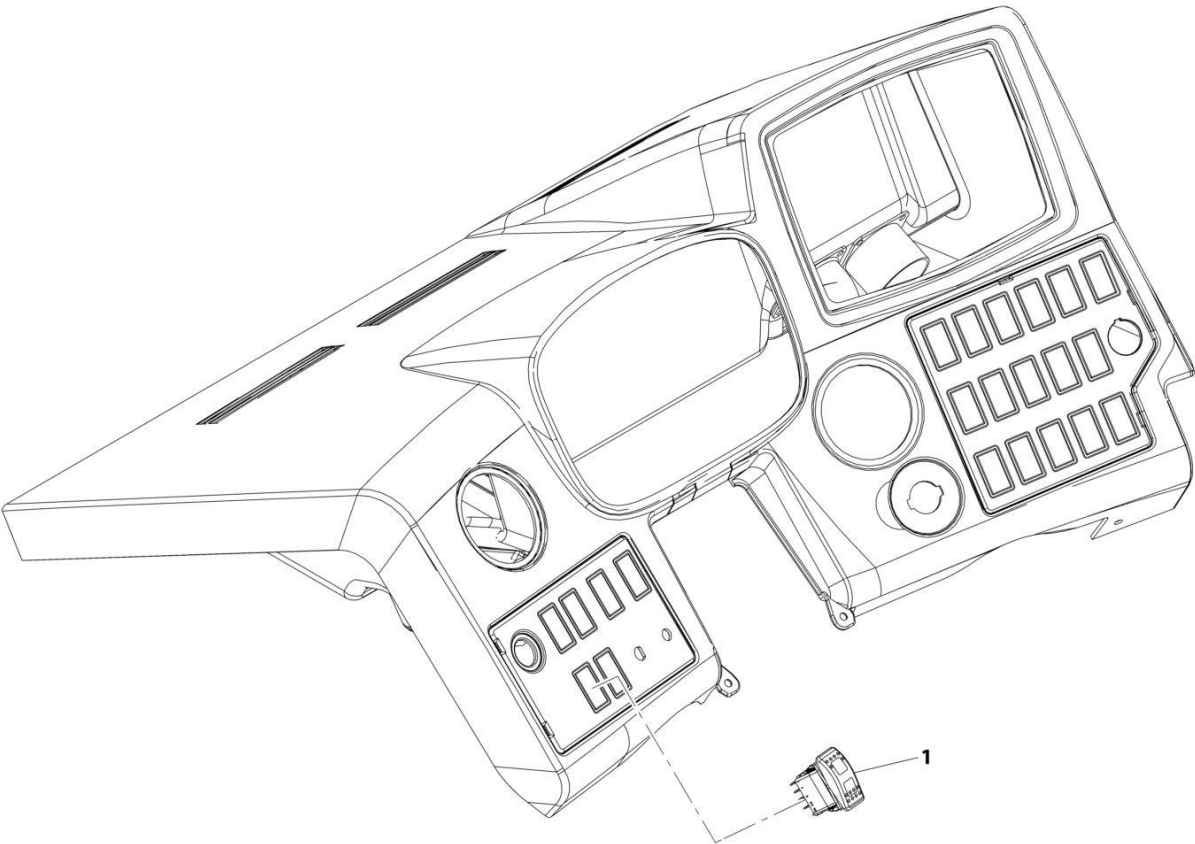
SECTION 10 - ELECTRICAL

FIGURE 10-54. LSI SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199935	Ref	LSI SENSOR	F
3	5272011	2	Capscrew M10 x 35	
4	1001116128	1	Sealant, Polysiloxane	
5	1001146588	AR	Tie-Strap with Anchor (Not Shown)	
8	1001289105	1	Sensor, Rear Axle LSI	
9	1001025750	AR	Clip	
10	0760805	1	Bolt M8 x 10	
11	4811900	1	Washer M8	
12	1001008559	AR	Tie-Strap (Not Shown)	
13	1001289296	AR	Compound, Locking	

SECTION 10 - ELECTRICAL

FIGURE 10-55. LSI SWITCH INSTALLATION



ART_1001257426-A

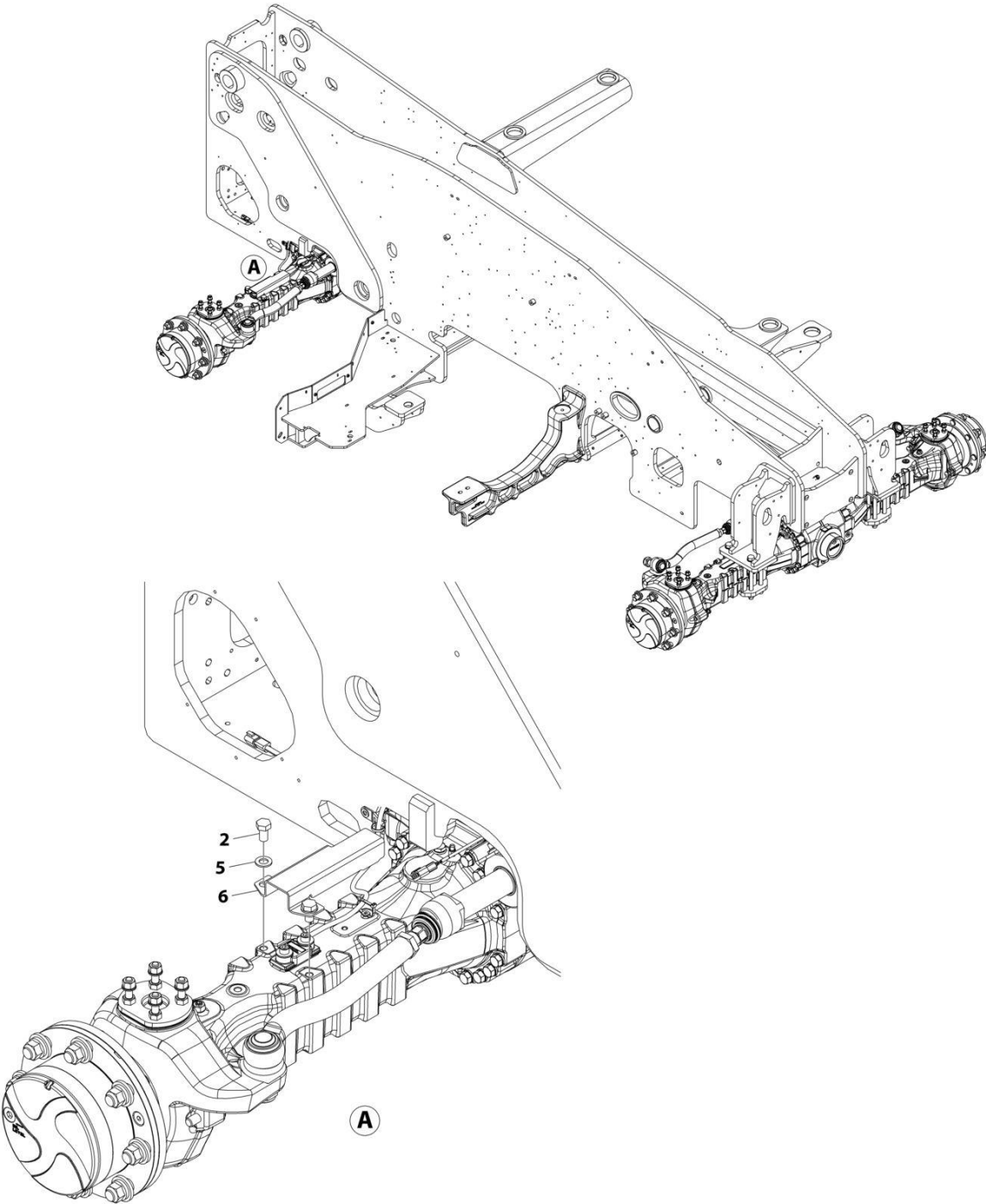
SECTION 10 - ELECTRICAL

FIGURE 10-55. LSI SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001257426	Ref	LSI Switch Installation	A
	1001159742	1	Switch, LSI Override	

SECTION 10 - ELECTRICAL

FIGURE 10-56. LSI SENSOR COVER INSTALLATION



ART_1001225414

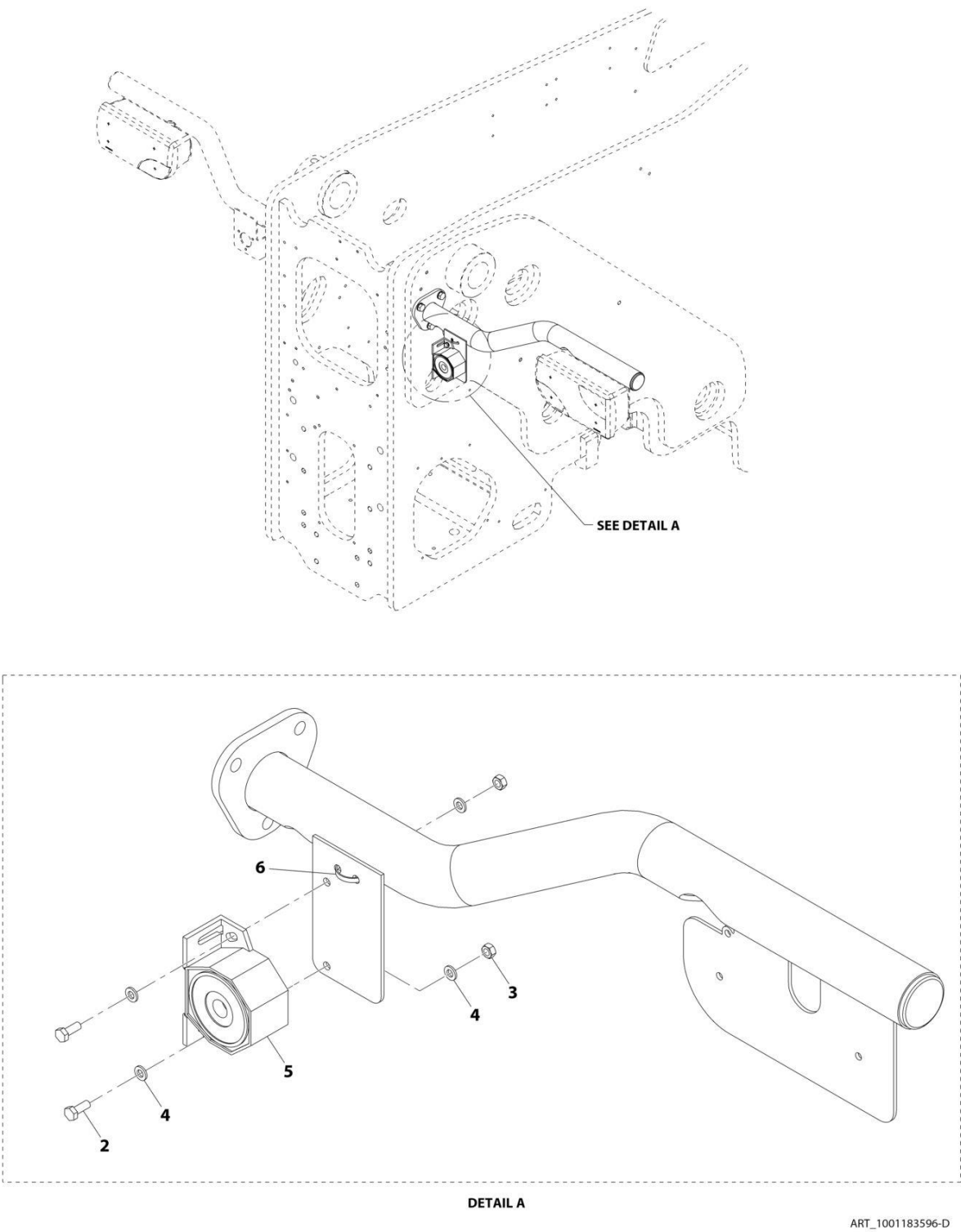
SECTION 10 - ELECTRICAL

FIGURE 10-56. LSI SENSOR COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225414	Ref	LSI SENSOR COVER INSTALLATION	D
2	0761412	2	Bolt M14 x 25	
5	4812200	2	Washer M14	
6	1001290666	1	Shield, LSI Sensor	

SECTION 10 - ELECTRICAL

FIGURE 10-57. REVERSE ALARM INSTALLATION



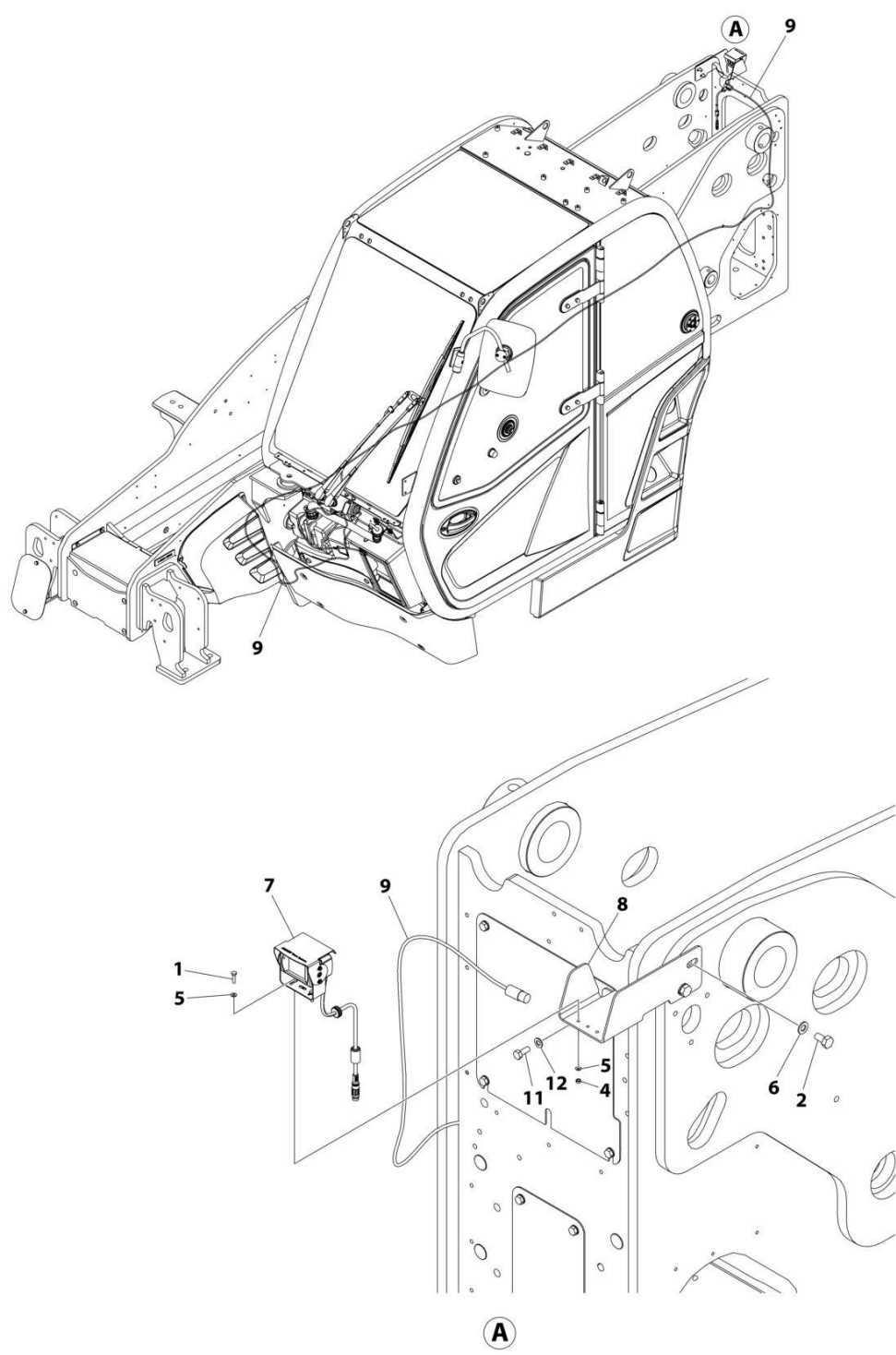
SECTION 10 - ELECTRICAL

FIGURE 10-57. REVERSE ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183596	Ref	Reverse Alarm Installation	D
2	0760608	2	Bolt, M6X16	
3	3290601	2	Nut, M6X1	
4	4811700	4	Washer, M6	
5	1001147060	1	Alarm, Reverse	
6	1001008559	1	Strap, Cable	

SECTION 10 - ELECTRICAL

FIGURE 10-58. REVERSE CAMERA INSTALLATION



ART_1001190225_D

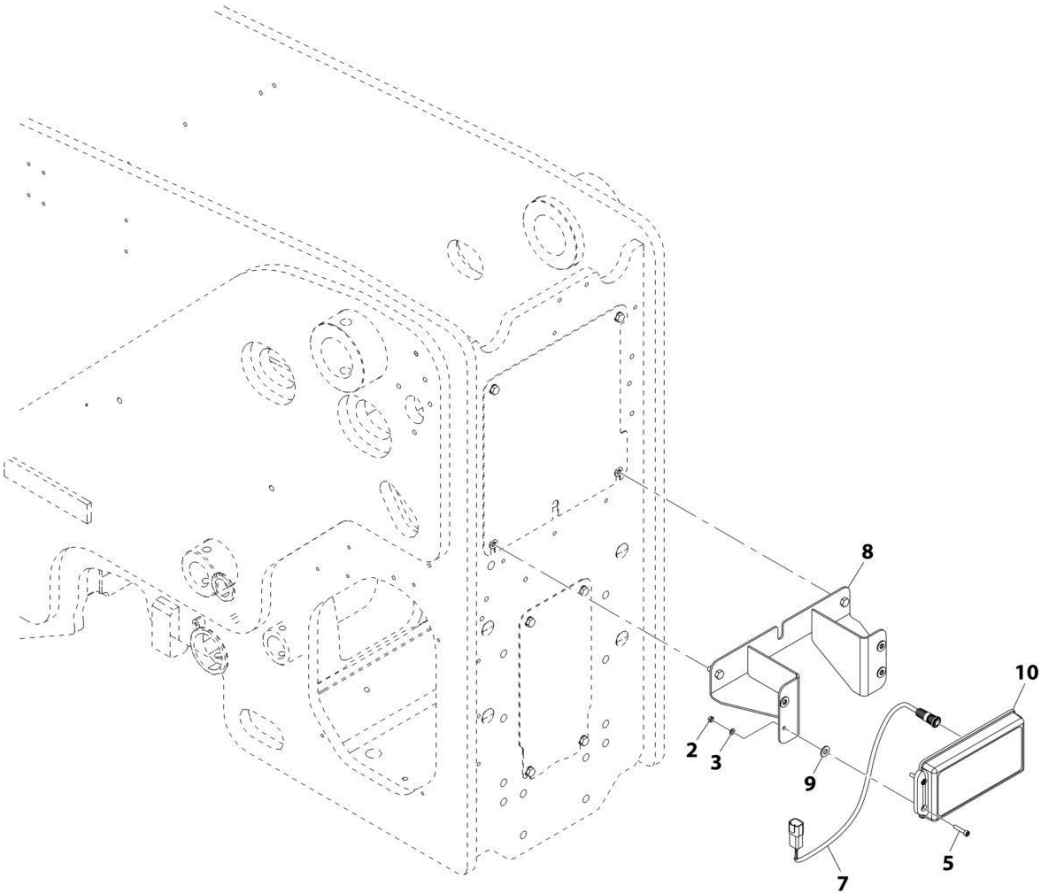
SECTION 10 - ELECTRICAL

FIGURE 10-58. REVERSE CAMERA INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190225	Ref	REVERSE CAMERA INSTALLATION (TRAILER BRAKES)	D
1	0700408	2	Bolt M4 x 16	
2	0761010	2	Bolt M10 x 20	
4	3290401	2	Nut M4 x 0.7	
5	4811400	4	Washer M4	
6	4812000	2	Washer M10	
7	1001167017	1	Camera	
8	1001202293	1	Bracket	
9	1001265375	1	Cable, Reverse Camera	
11	0760810	1	Bolt M8 x 20	
12	4811900	1	Washer M8	

SECTION 10 - ELECTRICAL

FIGURE 10-59. REVERSE SENSING INSTALLATION



ART_1001190227-C

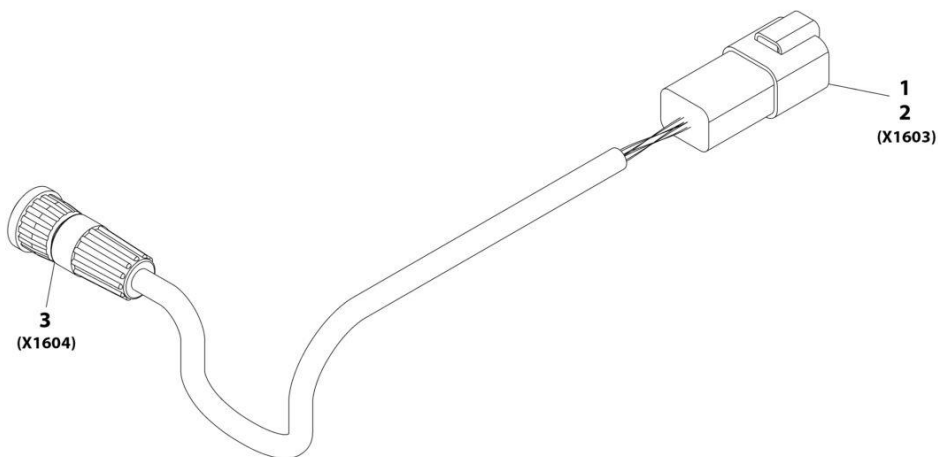
SECTION 10 - ELECTRICAL

FIGURE 10-59. REVERSE SENSING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190227	Ref	Reverse Sensor Installation (No Hydraulic Hitch)	C
2	3290501	4	Nut, M5X0.8	
3	4811600	4	Washer, M5	
5	5271609	4	Screw, M5X25	
7	1001175776	1	Harness, Reverse Sensor (See Separate Breakdown in this Section)	
8	1001202288	1	Bracket	
9	1001181921	4	Washer, Rubber M8	
10	1001189997	1	Sensor, Reverse	

SECTION 10 - ELECTRICAL

FIGURE 10-60. REVERSE SENSING HARNESS



ART_1001175776-C

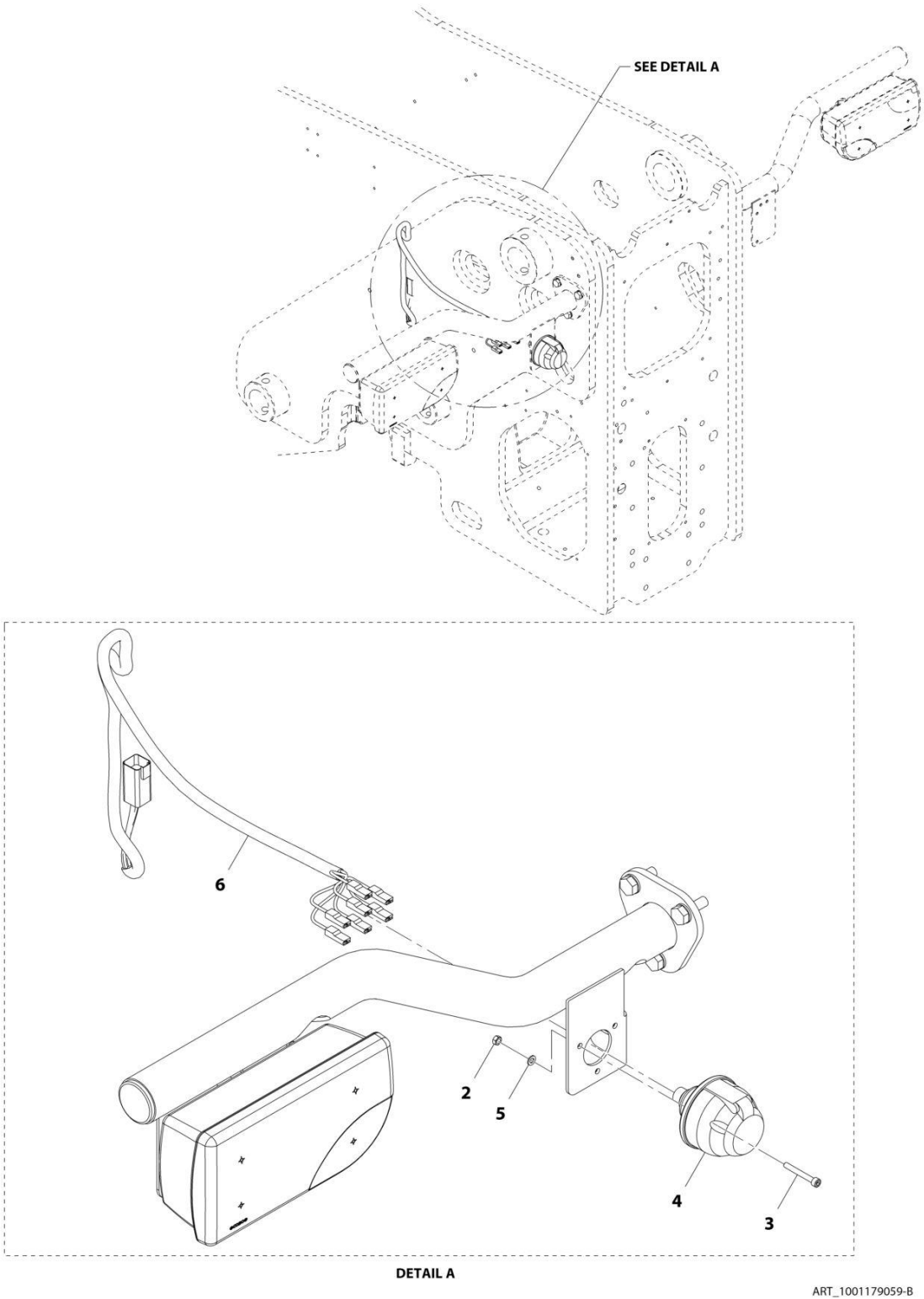
SECTION 10 - ELECTRICAL

FIGURE 10-60. REVERSE SENSING HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175776	Ref	Reverse Sensor Harness	C
1	4460932	1	Connector	
2	4460464	4	Terminal	
3	1001175733	1	Connector	

SECTION 10 - ELECTRICAL

FIGURE 10-61. TRAILER ELECTRICS INSTALLATION



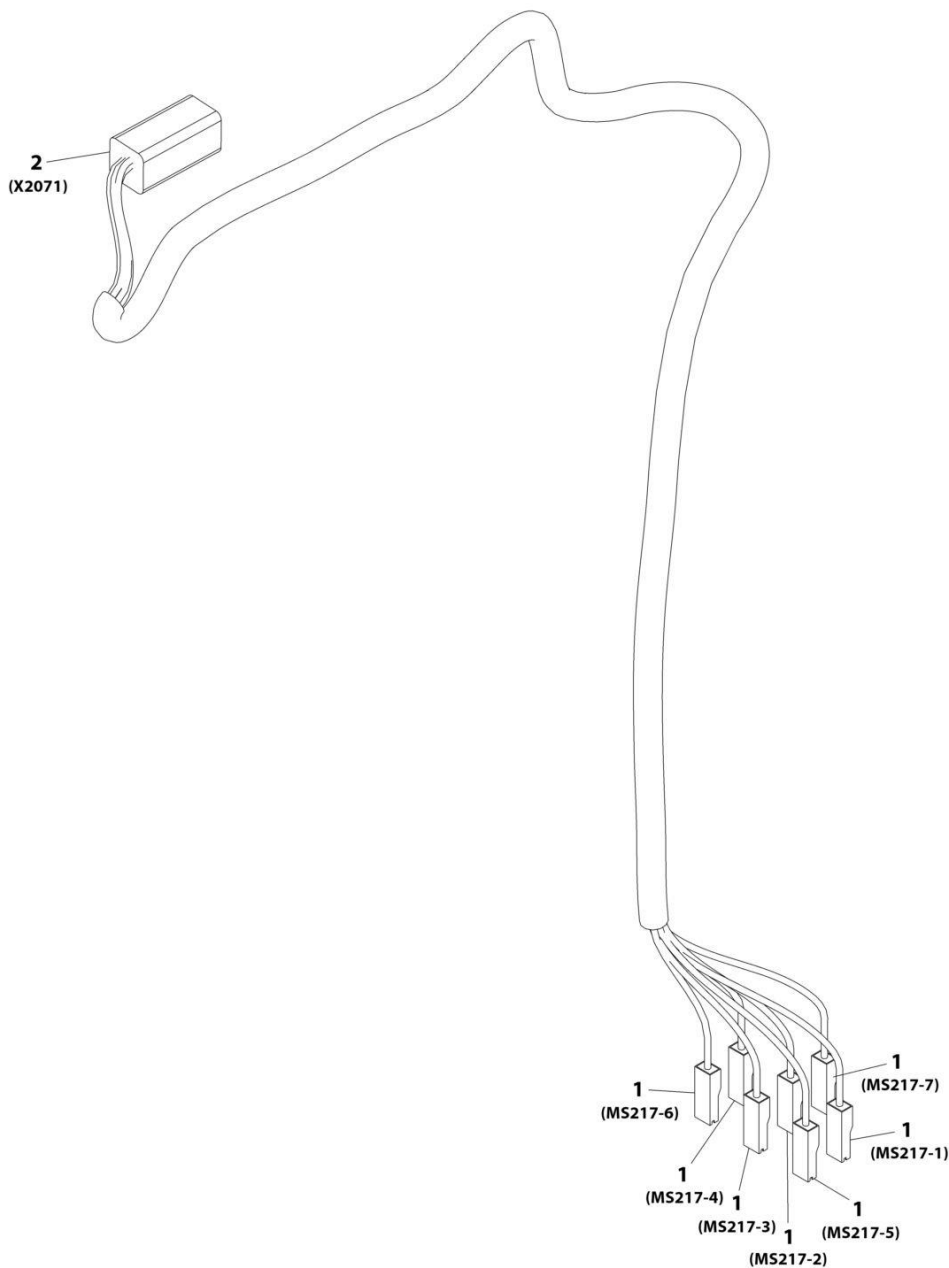
SECTION 10 - ELECTRICAL

FIGURE 10-61. TRAILER ELECTRICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179059	Ref	TRAILER ELECTRICS INSTALLATION	B
2	3290501	3	Nut M5	
3	4031612	3	Bolt M5 X 40	
4	4461170	1	Connector	
5	4811600	3	Washer M5	
6	1001184839	1	Harness,Trailer Connector (See Separate Breakdown in this Section)	

SECTION 10 - ELECTRICAL

FIGURE 10-62. TRAILER CONNECTOR HARNESS



ART_1001184839-C

SECTION 10 - ELECTRICAL

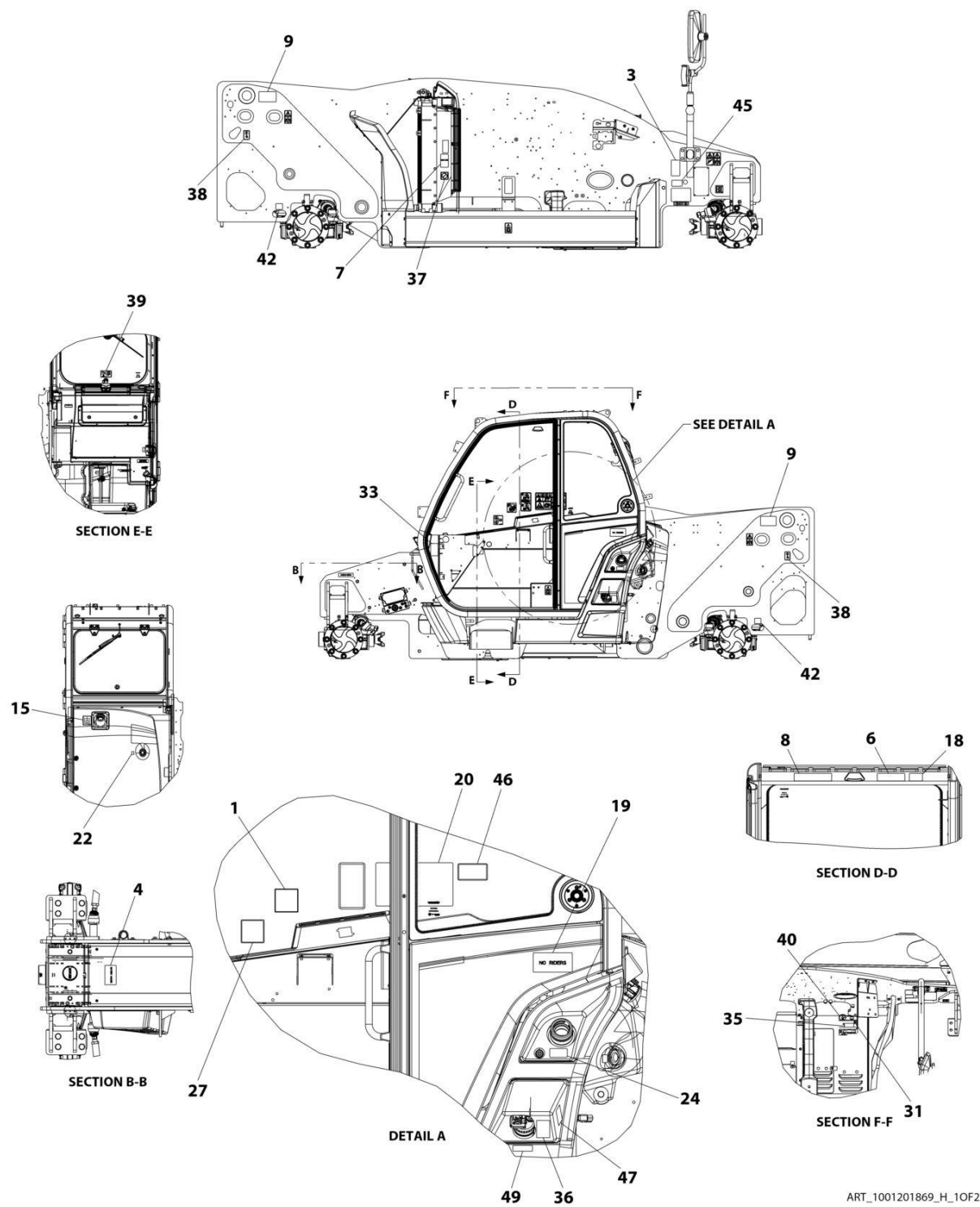
FIGURE 10-62. TRAILER CONNECTOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184839	Ref	TRAILER CONNECTOR HARNESS	C
1	1001116995	7	Connector	
2	4460899	1	Connector	
2	4460941	6	Pin	

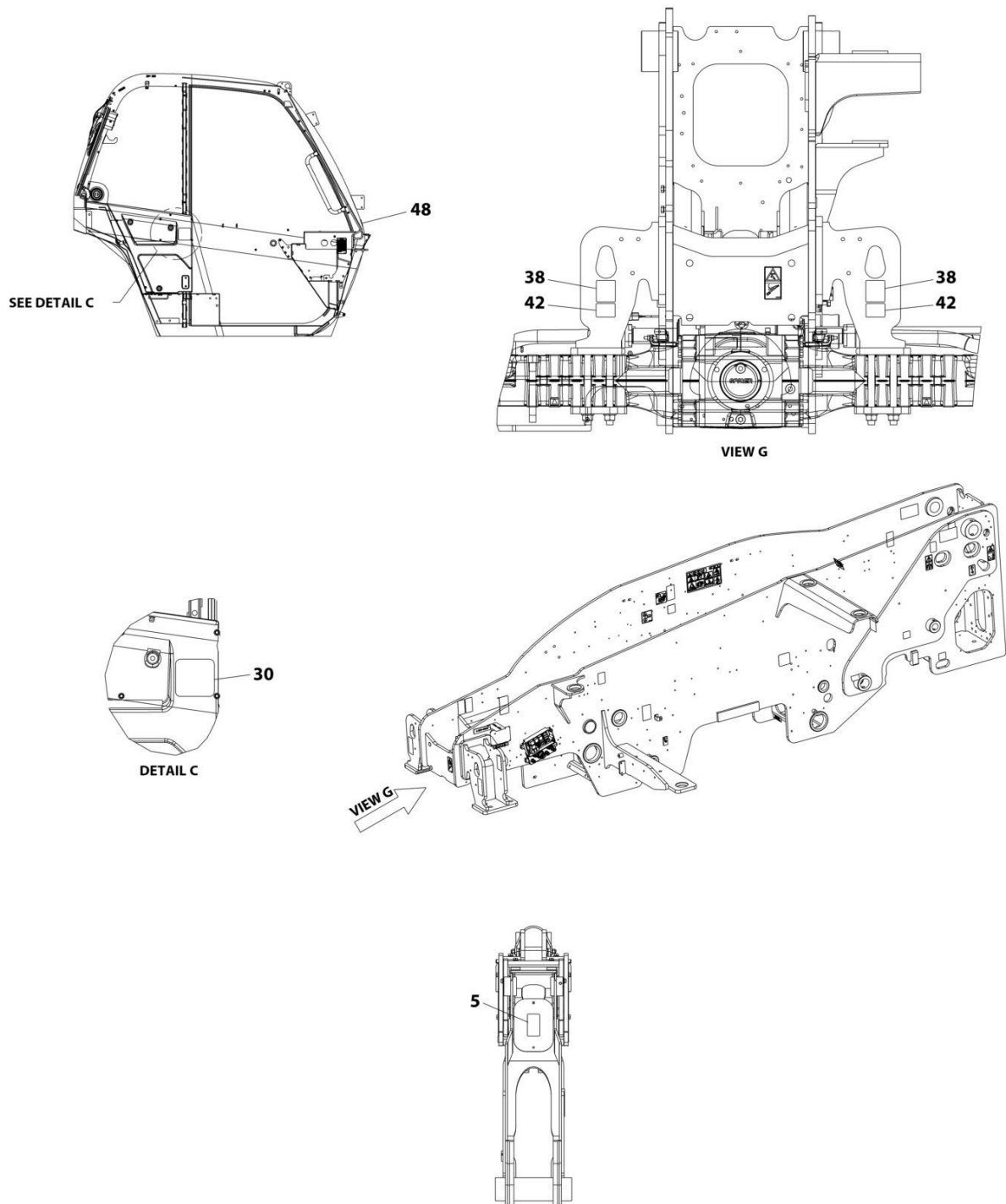
SECTION 11 - DECALS

SECTION 11 - DECALS

FIGURE 11-1. DECALS INSTALLATION (ANSI)



SECTION 11 - DECALS



ART_1001201869_H_20F2

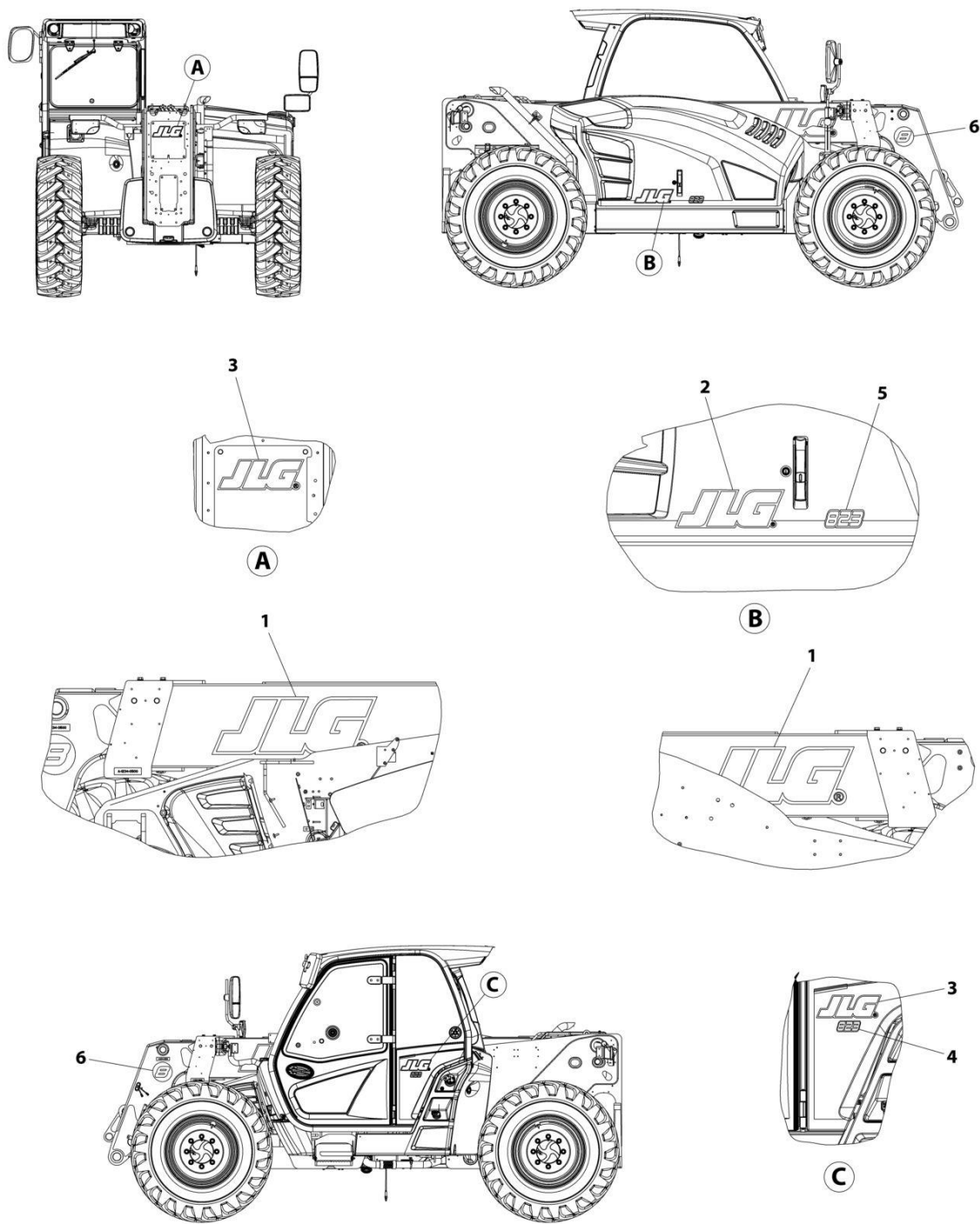
SECTION 11 - DECALS

FIGURE 11-1. DECALS INSTALLATION (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201869	Ref	Decals Installation (ULS)	H
1	1001227287	1	Decal, Manual Location	
3	1706300	1	Decal, Ether Warning	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1001102750	1	Decal, No Standing On Forks	
6	1706299	1	Decal, Contacting Power Lines Warning	
7	1706301	1	Decal, Keep Clear Of Rotating Parts Warning	
8	1706306	1	Decal, Tip Over Warning	
9	1706302	2	Decal, Pinch Point Boom Holes	
15	1001094708	1	Decal, Hydraulic Oil	
18	1706850	1	Decal, Crush Hazard Warning	
19	1706768	1	Decal, Vehicle Roll Away	
20	1707078	1	Decal, Warning/Danger	
22	1001130323	1	Decal, Oil Level	
24	1001125387	1	Decal, Ultra Low Sulfur Diesel	
27	1001172035	1	Decal, No Weld or Drill	
30	1001214206	1	Decal, Park Brake	
31	1001184632	1	Decal, Battery Positive	
33	1001191229	1	Decal, Fuse Panel	
35	1001195855	1	Decal, Battery Disconnect	
36	1001196806	1	Decal, Diesel Exhaust Fluid	
37	AU2105	1	Decal, No Karcher	
38	1701500	1	Decal, Lift	
39	8005870	1	Decal, Emergency Exit	
40	1001008540	1	Plate, Battery	
42	4109801	4	Decal, Tie Down Point	
45	1001223453	1	Decal, ICES	
46	1001231801	1	Decal, Warning Prop 65	
47	1001247646	1	Decal, Def Min Refill Volume	
48	1001218659	1	Decal, Brake Fluid Spec	
49	1001219212	1	Decal, Def Fluid Only	

SECTION 11 - DECALS

FIGURE 11-2. DECALS INSTALLATION - JLG



ART_1001258271

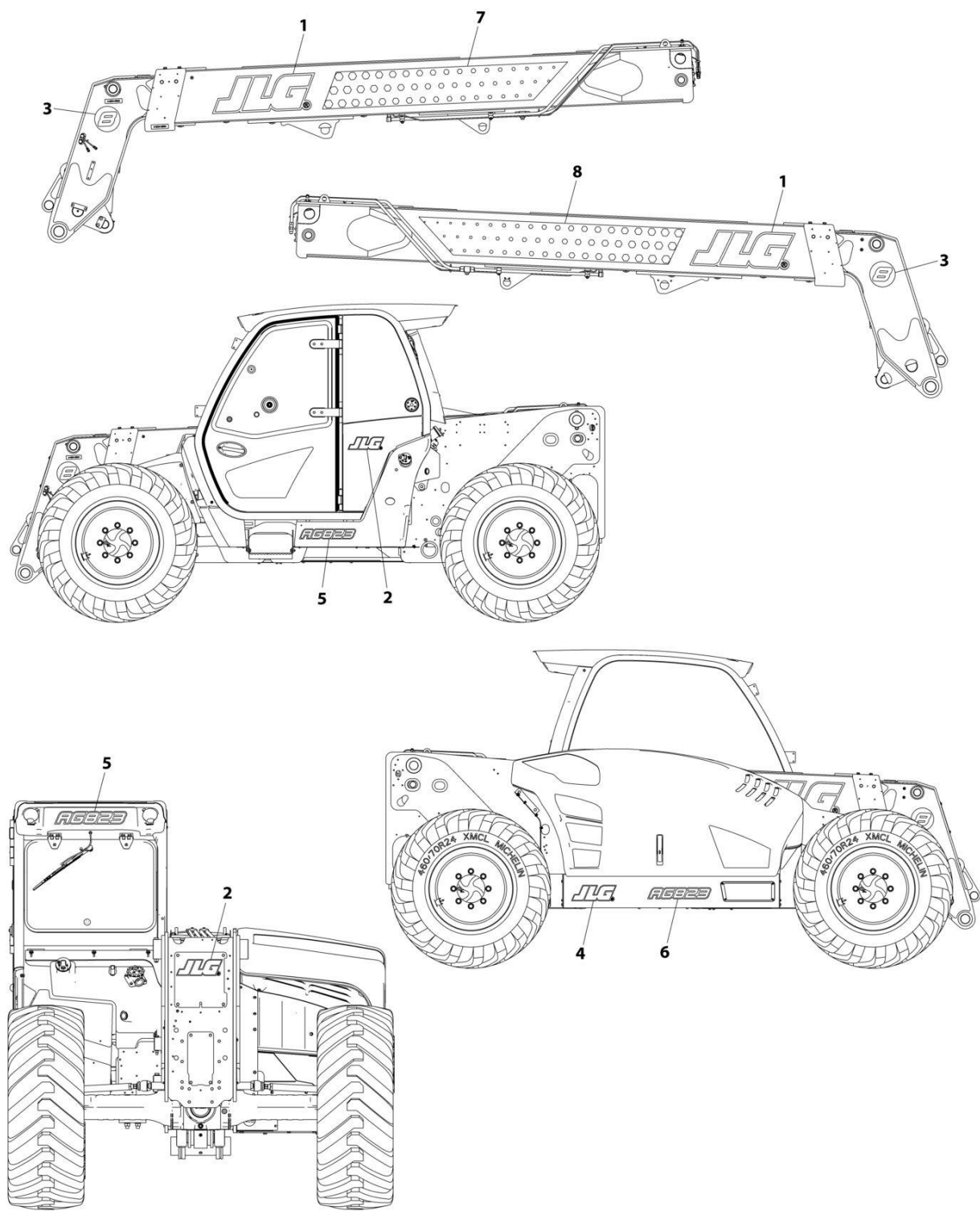
SECTION 11 - DECALS

FIGURE 11-2. DECALS INSTALLATION - JLG

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258271	Ref	DECALS INSTALLATION - JLG	C
1	1001159728	2	Decal, JLG Logo	
2	1001160775	1	Decal, JLG - 5in Black	
3	1001169674	2	Decal, JLG M100 x 285	
4	1001276751	1	Decal, JLG 823 Cab	
5	1001276752	1	Decal, JLG 823 Hood	
6	1001279165	2	Decal, Boom Head	

SECTION 11 - DECALS

FIGURE 11-3. DECALS INSTALLATION - JLG AG



ART_1001289374

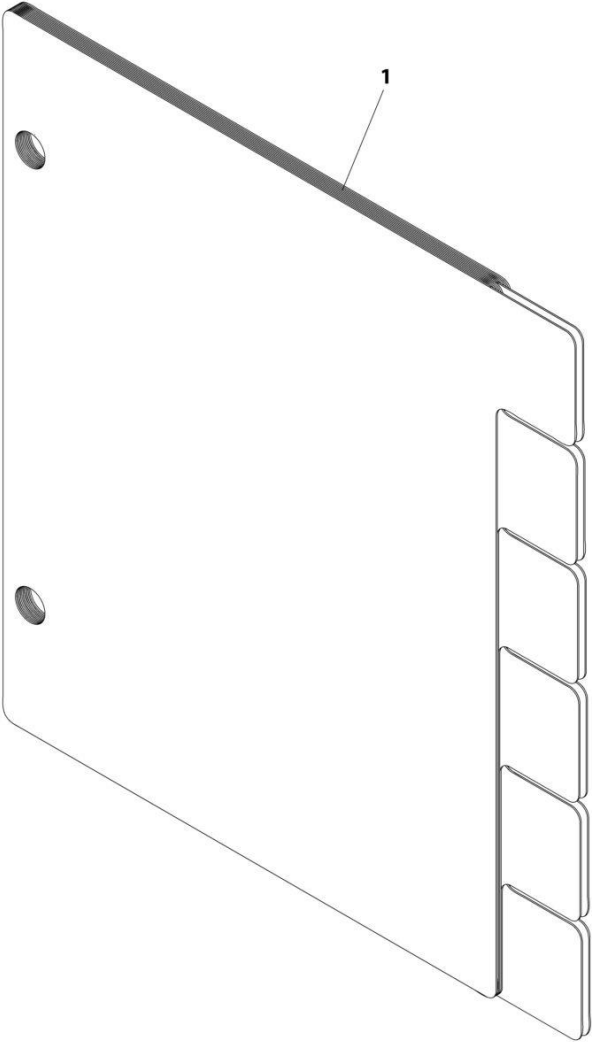
SECTION 11 - DECALS

FIGURE 11-3. DECALS INSTALLATION - JLG AG

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289374	Ref	DECALS INSTALLATION - JLG AG	A
1	1001159728	2	Decal, JLG Logo	
2	1001169674	2	Decal, JLG M100 x 285	
3	1001279165	2	Decal, Boom Head	
4	1001288631	1	Decal, JLG	
5	1001289375	2	Decal, AG 823 18in	
6	1001289376	1	Decal, AG 823 20in	
7	1001289377	1	Decal, AG 823 Boom - Cab Side	
8	1001289378	1	Decal, AG 823 Boom - Eng Side	

SECTION 11 - DECALS

FIGURE 11-4. CAPACITY CHART (ANSI)



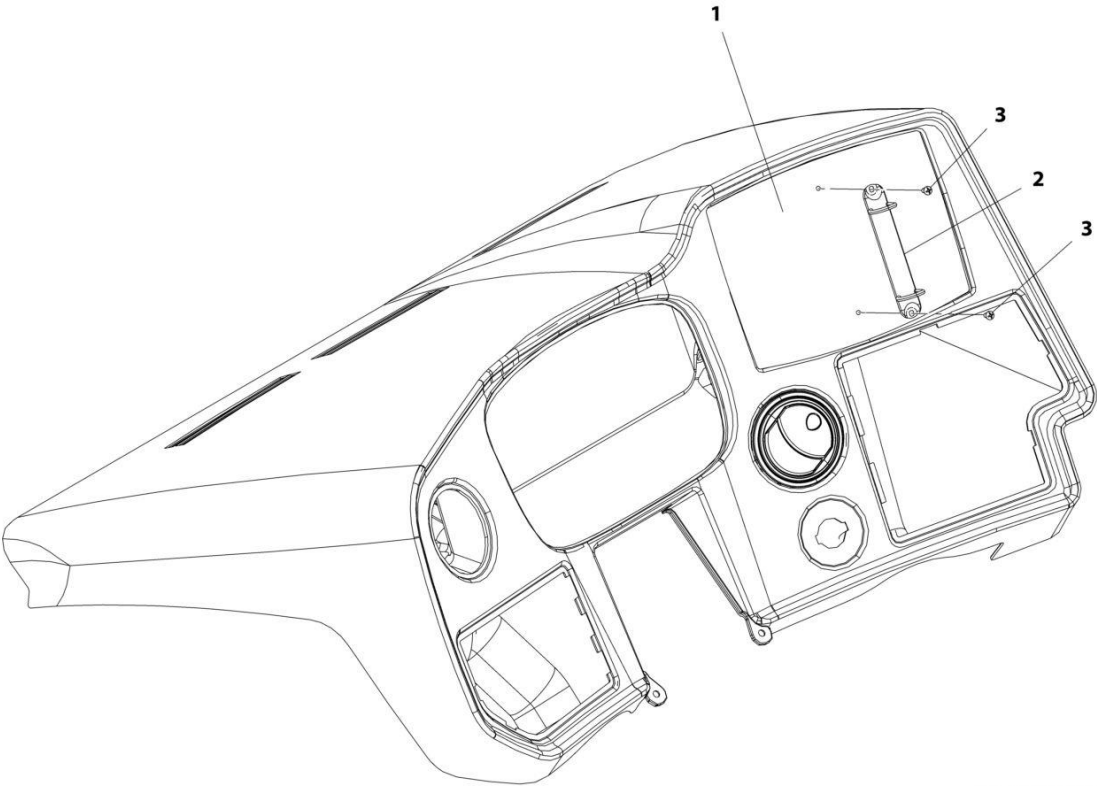
ART_1001264638

FIGURE 11-4. CAPACITY CHART (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001264638	Ref	CAPACITY CHART (ANSI)	

SECTION 11 - DECALS

FIGURE 11-5. CAPACITY CHART HOLDER INSTALLATION



ART_1001178706-A

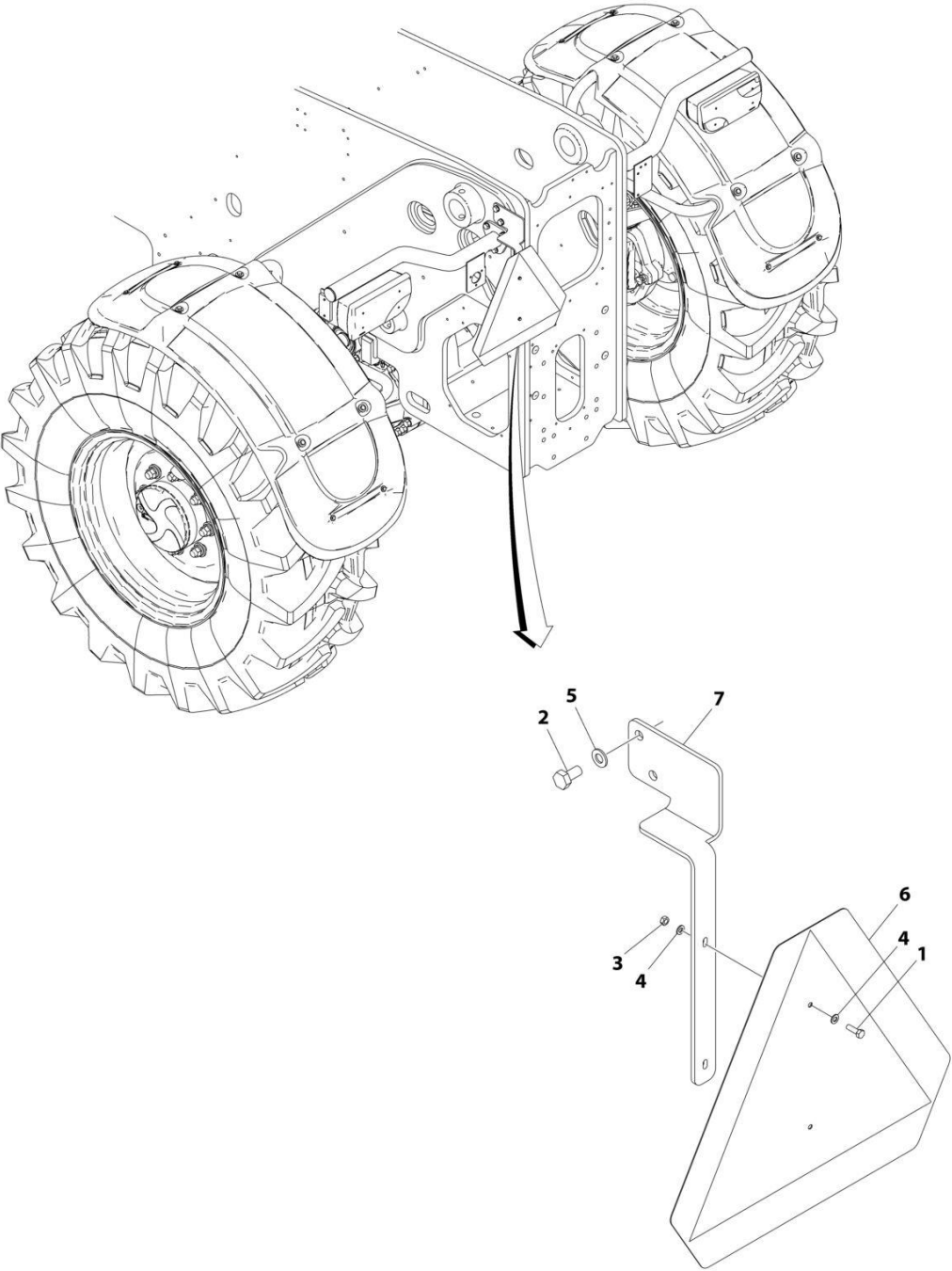
SECTION 11 - DECALS

FIGURE 11-5. CAPACITY CHART HOLDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178706	Ref	Capacity Chart Holder Installation	A
1	1001179297	1	Load Chart, Bezel	
2	1001005960	1	Holder	
3	7029486	2	Screw	

SECTION 11 - DECALS

FIGURE 11-6. TRIANGLE INSTALLATION - SLOW MOVING VEHICLE



ART_1001273005

SECTION 11 - DECALS

FIGURE 11-6. TRIANGLE INSTALLATION - SLOW MOVING VEHICLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001273005	Ref	TRIANGLE INSTALLATION - SLOW MOVING VEHICLE	A
1	0760508	2	Bolt M5 x 16	
2	0761010	2	Bolt M10 x 20	
3	3290501	2	Nut M5	
4	4811600	4	Washer M5	
5	4812000	2	Washer M10	
6	1001272882	1	Reflector, Red Triangle	
7	1001273004	1	Bracket	

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

FIGURE 12-1. RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: The following list will service one machine (built to current production per date on the front cover) with emergency 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.	
	70024455	1	Coil (Concrete Bucket)	
	70027269	1	Coil (Divertor Valve)	
	70020764	1	Coil (Divertor Valve)	
	70002971	1	Coil (Fan Motor Control)	
	70003788	1	Coil (Fan Motor Control)	
	70026967	1	Coil (Hydraulic Hitch Control)	
	70002386	1	Coil (Priority Flow Manifold)	
	70026582	1	Coil (Steering Select Valve)	
	70028870	1	Coil (Trailer Brake Valve)	
	70025456	1	Coil, Solenoid (Solenoid Valve)	
	1001270467	1	Control, TMH Front Frame Module LBP	
	1001270468	1	Control, TMH Rear Frame Module LBP	
	1001159028	1	Controller, Accelerator Pedal	
	70024859	1	Controller, Backrest Actuator (Seat Assembly Air Suspension - Premium)	
	1001187413	1	Controller, Brake Pedal	
	1001222603	1	Controller, Joystick 3R4B	
	1001242098	1	Controller, Joystick Fingertip Control	
	1001201951	1	Controller, Parking Brake (Mechanical)	
		Ref	Engine (90KW ULS)	
	70004511	12	Filter, Fuel	
	70025153	12	Filter, Fuel Prefilter	
	7016331	12	Filter, Oil	
	70025850	12	Filter, Primary Air	
	70025851	12	Filter, Secondary Air	
		Ref	Engine (100KW ULS)	
	70027417	12	Filter, Fuel	
	70025153	12	Filter, Fuel Prefilter	
	7016331	12	Filter, Oil	
	70025850	12	Filter, Primary Air	
	70025851	12	Filter, Secondary Air	
	1001162662	12	Filter, Breather Hydraulic (Hydraulic Tank)	
	1001162659	12	Filter, Hydraulic (Hydraulic Tank)	
	8229242	2	Fuse, 5A (Electrical & OPT 1 Board, Engine Harness)	
	80983191	2	Fuse, 10A (Electrical, OPT 1 & OPT 2 Board)	
	8229234	2	Fuse, 10A (Cab Harness)	
	8229244	2	Fuse, 15A (OPT 2 Board, Power Distribution Box & Engine Harness)	
	8229247	2	Fuse, 25A (OPT 1 Board, Power Distribution Box & Engine Harness)	
	8229245	2	Fuse, 30A (Electrical Board, Power Distribution Box & Engine Harness)	
	1001205172	2	Fuse, 35A (Engine Harness)	
	70026297	2	Fuse, 80A (Power Distribution Box)	

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001095336	2	Fuse, 150A (Power Distribution Box)	
	70026296	2	Fuse, 200A (Power Distribution Box)	
	1001177597	2	Fuse, Mini Diode 6A (Engine Harness)	
	70022765	1	Key, Ignition	
	2940074	1	Latch (Fork Mounted Platform)	
	1001270466	1	Module, Cab Control	
	1001262322	1	Module, ClearSky Telematics CANBUS	
	70026292	1	Relay, 35Amp (Electrical Board)	
	70026295	1	Relay, 35Amp (Power Distribution Box)	
	70026293	1	Relay, 50Amp (OPT 1 Board)	
	70026294	1	Relay, 70Amp (Power Distribution Box)	
	1001117308	1	Relay, 200Amp (Electrical Relay Installation)	
	4000015	1	Sensor, Angle (Boom Angle Sensor)	
	1001149376	1	Sensor, Coolant Level (Expansion Tank)	
	70025539	1	Sensor, Pad (Upper Seat Assembly)	
	1001160730	1	Sensor, Rear Axle LSI	
	1001189997	1	Sensor, Reverse	
	70026808	1	Sensor, Steering (Rear Axle)	
	1001128478	1	Sensor, Temperature (CAC & Hydraulic Tank)	
	1001269578	1	Sensor, Temperature (Heat & A/C)	
	1001102502	1	Switch, 4 Position Key (Ignition Switch)	
	1001104654	1	Switch, AUX Decomp (Dash Electrical)	
	1001159738	1	Switch, Beacon (Beacon Install)	
	1001159745	1	Switch, Boom Ride (Boom Raise Hoses Install (With Ride Control)	
	1001159739	1	Switch, Boom Worklights	
	4360658	1	Switch, Brake Light (Switch Plate)	
	1001159748	1	Switch, Bucket Mode (Dash Electrical)	
	1001159741	1	Switch, Constant AUX (Dash Electrical)	
	1001202421	1	Switch, Declutch (Declutch Switch Installation)	
	1001192142	1	Switch, Disconnect (Electrical Components)	
	1001163639	1	Switch, Driving Lights (Dash Electrical)	
	1001198932	1	Switch, Engine Speed Set (Engine Speed Set Installation)	
	1001159737	1	Switch, Fog Lights (Dash Electrical)	
	1001189898	1	Switch, Framer/Loader (Dash Electrical)	
	1001159845	1	Switch, Front Worklights (Cab Worklights)	
	1001159734	1	Switch, Hazard (Dash Electrical)	
	70024107	1	Switch, Heater (Premium Air Suspension Seat)	
	1001198836	1	Switch, Hitch (Hitch Installation)	
	1001169268	1	Switch, Horn (Horn Button Installation)	
	1001160326	1	Switch, HVAC On/Off (Heater & AC)	
	1001159925	1	Switch, HVAC Recycle (Heater & AC)	
	1001172547	1	Switch, HVAC Rotary 3 Speed (Heater & AC)	
	1001159742	1	Switch, LSI Override	
	1001200633	1	Switch, Pushbutton (Brake Installation - Trailer)	
	1001080375	1	Switch, Quick Switch (Hydraulic Coupler)	
	1001159735	1	Switch, Rear Wiper (Dash Electrical)	
	1001159846	1	Switch, Rear Worklights (Cab Worklights)	
	1001145204	1	Switch, Reversing Fan (Cooling Package)	
	1001159736	1	Switch, Roof Wiper	
	1001159849	1	Switch, Steer Mode (Dash Electrical)	
	1001214280	1	Switch, Turn-Wiper (Wiper - Turn Switch (0 Speed -FNR) & (No Speed)	

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174712	1	Switch, USB Charger (Dash Electrical)	
	1001257348	1	Switch, Zero Speed (Wiper - Turn Switch (0 Speed -FNR)	

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

FIGURE 13-1. SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	See Note	Ref	Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.	
		Ref	SPECIAL OPTIONS/ACCESSORIES/KITS	
	1001264937	Ref	Boom Assembly Kit	
	1001264916	Ref	Boom Brush Kit	
	1001264918	Ref	Boom Kit	
	1001199382	Ref	Cab Guard Front & Top Kit	
	1001199381	Ref	Cab Guard Front Kit	
	1001199380	Ref	Cab Guard Top Kit	
	1001268341	Ref	Camera (Rear View) Add-on Kit(Dealer Installed)	
	70024168	Ref	Coupler Locking Cylinder Seal Kit	
	1001264873	Ref	Filter Kit - Without HVAC (Level 1)	
	1001264874	Ref	Filter Kit - With HVAC (Level 2)	
	1001265291	Ref	Service Kits	B
	1001264921	Ref	Wear Pad Kit	
	1001264727	Ref	ClearSky Kit	

PART NUMBER INDEX

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

0240117.....131	0760507 103, 289, 767	1001002947 435	1001008857.....435
0240118.....135	0760508..... 853	1001002953 435	1001008863..... 609, 613,
0400075.....703	0760512..... 489	1001002957 435	615
0498748.....433	0760605 ... 277, 433, 567,	1001003043 447	1001008922..... 301, 605,
0630576.....27, 295	573	1001003064 185	607, 609, 613, 615
0641510.....227	0760607 ... 259, 261, 309,	1001003301 49	1001008923..... 709, 715,
0642032.....189	433	1001003305 257, 261,	717, 803, 805
0700408.....575, 829	0760608 ... 109, 291, 467,	619, 643, 767, 783	1001008926.....761
0700510.....317	483, 489, 545, 551,	1001003427 45	1001008988.....433
0700608.....263	567, 573, 587, 783, 827	1001003439 19	1001009062.....81
0700610 23, 27, 295, 299,	0760610 805, 819	1001003474 235	1001009105.....185
305, 321, 467, 579,	0760612 27, 259	1001003475 235	1001009163 49, 303, 327,
753, 755, 761, 809,	0760614 715, 717	1001003590 71, 295, 309,	329
811, 813, 815	0760619 253	633, 641	1001009207.....71
0700612....295, 413, 415,	0760805 821	1001003596 589	1001009375.....767
417, 419, 545	0760807 613, 615, 621	1001003809 577	1001009384.....283
0700614 77, 79, 227, 259,	0760808 ... 103, 105, 253,	1001003934 283	1001010240.....301
299, 518, 753, 755,	453, 547, 753, 755, 767	1001004143 283	1001010646.....509, 511
761, 795	0760810 ... 25, 27, 29, 31,	1001004617 185	1001010647.....509, 511
0700615.....715	33, 35, 37, 39, 71, 75,	1001004618 185	1001010648.....509, 511
0700618.....721	259, 261, 263, 305,	1001004619 185	1001010649.....509, 511
0700620.....71, 753	309, 455, 493, 501,	1001004620 185	1001010650.....509, 511
0700810.....619	505, 513, 518, 535,	1001004640 587	1001010838.....81
0700812.....783	539, 547, 567, 589,	1001004723 783	1001010938.....301
0700814.....49	619, 629, 639, 767,	1001005038 479, 481	1001025750.....767, 821
0700815.....645	809, 829	1001005193 479	1001026104.....257, 323
0700816.....287	0760812 ... 47, 75, 89, 91,	1001005262 623, 625,	1001028291.....19
0700817.....311, 619	95, 99, 281, 283, 291,	627	1001028308.....19
0700818.....761	295, 299, 309, 413,	1001005368 449	1001032853.....71
0700819.....609	415, 417, 419, 435,	1001005904 605, 623,	1001033119.....71
0700820....301, 535, 537,	589, 613, 615	625, 627	1001033120.....283
539	0760814..... 309	1001005960 851	1001047062.....433
0700821.....295	0760815 259, 435, 609	1001005980 77, 79	1001080375..... 623, 625,
0700823.....309	0760816 317, 613, 615	1001006730 509	857
0700824.....587	0760817 609	1001006731 511	1001090150.....97, 99
0700826.....263	0760823 43, 265	1001006954 481	1001090343.....447, 477,
0701011.....619	0761008 643	1001006955 481	529
0701012....283, 301, 619,	0761009 703, 705	1001008436 79, 81	1001091126.....19
633	0761010 ... 23, 25, 71, 83,	1001008450 635	1001091313.....195
0701014.....23, 321, 553,	269, 299, 317, 327,	1001008462 381, 393	1001091715.....795
633	329, 577, 617, 713,	1001008469 579	1001091716.....795
0701015.....795	801, 829, 853	1001008475 81	1001092008.....407
0701016....269, 287, 323,	0761011 309	1001008540 842	1001092009.....409
605, 607	0761012 ... 23, 27, 43, 75,	1001008559 83, 111, 313,	1001092122..... 313, 315
0701018.....301, 321	257, 259, 261, 313,	315, 317, 323, 767,	1001092298.....101
0701020.....313, 315	315, 323, 587, 605,	783, 821, 827	1001092481.....139
0701021.....605, 607	607, 669, 703, 705,	1001008573 313, 315	1001092482.....139
0701024.....47	767, 783, 795	1001008574 261	1001092771.....273
0701029.....197	0761014 ... 259, 619, 649	1001008575 47	1001093171.....225
0701030.....321	0761015 327, 329	1001008580 299	1001093277.....295
0701214.....259, 283	0761210 299	1001008586 619	1001093401..... 281, 295
0701229.....103, 105	0761214 23, 379, 767	1001008593 261, 323,	1001093826.....115, 155,
0701232.....103, 105	0761215 43, 247, 635	767	195, 231
0701616.....55, 57, 63	0761216 247	1001008626 283, 619	1001093827.....115, 155,
0701617.....67	0761217 23	1001008657 283	195, 231
0701626.....247	0761228 91	1001008665 185	1001094555.....151, 155,
0701628.....247	0761412 825	1001008719 407, 409	161, 195, 199, 201, 203
0701630.....89, 247	0761619 247	1001008720 71, 283, 313,	1001094556.....151, 155,
0711216.....97, 99	0770810 281, 295	315, 767	161, 195, 199, 201, 203
0711228.....95	0770814 571	1001008742 477	1001094708.....842
0711616.....71	0771212 99	1001008761 71, 295, 309,	1001095301..... 605, 607,
0711631.....93	0771618 53	633, 641	669
0712027.....423	0930003 161	1001008773 617	1001095336.....763, 857
0712030.....393	0930004 151	1001008804 301, 617,	1001095401.....323
0712040.....381	0930006 155	621	1001095650.....413, 415,
0750804.....431	1001001556 607	1001008805 71, 609, 623,	417, 419, 469, 471
0760410.....797	1001002946 435	625, 627, 629	1001095804.....739

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001096019.....	141	1001110115.....	623	1001118379.....	727, 785, 790	1001142286.....	407
1001096020.....	141	1001110544.....	795	1001118384.....	726, 727, 728, 729	1001142287.....	407
1001096021.....	143	1001110849.....	67, 69	1001118386.....	728	1001142288.....	409
1001096023.....	143	1001111076.....	551	1001118387.....	728, 729	1001142289.....	409
1001096024.....	141	1001111147.....	533, 551	1001118392.....	786	1001142290.....	409
1001096025.....	143	1001111317.....	431, 441	1001118684.....	727	1001142658.....	51
1001096365.....	435	1001111424.....	765	1001119220.....	321	1001142659.....	51
1001096870.....	95	1001112612.....	726, 728	1001119467.....	505	1001143200.....	451
1001096913.....	795	1001112796.....	757	1001120501.....	619	1001143857.....	587
1001097051.....	737	1001114787.....	105, 655	1001120989.....	753, 755	1001144147.....	737, 771
1001097205.....	225	1001114802.....	377	1001121021.....	715, 717	1001144296.....	729
1001097244.....	467	1001116128.....	533, 821	1001121127.....	643	1001145204.....	279, 857
1001097287.....	155, 161	1001116208.....	753, 755	1001125117.....	97, 99	1001145300.....	703, 705
1001097540.....	27, 549	1001116686.....	790	1001125387.....	842	1001145444.....	655
1001097586.....	447	1001116696.....	786	1001125466.....	281, 295	1001145539.....	518
1001098146.....	103, 105	1001116697.....	725	1001125677.....	729, 774	1001146588.....	71, 257, 299, 311, 623, 625, 627, 715, 717, 721, 753, 767, 783, 803, 805, 821
1001098147.....	103, 105	1001116698.....	725, 728	1001126008.....	728, 772, 785, 789	1001146901.....	533
1001098150.....	460	1001116700.....	726, 751	1001126011.....	728	1001146949.....	597
1001098457.....	95, 103, 105	1001116701.....	773	1001126245.....	772	1001147060.....	827
1001098629.....	55, 57, 59	1001116716.....	726	1001126353.....	773	1001147449.....	460, 463
1001098630.....	63, 65	1001116720.....	745	1001126362.....	772	1001147657.....	97, 99
1001100442.....	95	1001116723.....	726, 727, 728	1001126391.....	772, 773	1001147731.....	97, 99
1001100845.....	413, 415	1001116725.....	772	1001126393.....	772, 773	1001148841.....	772
1001101041.....	115, 145, 231, 605, 607, 623, 625, 627, 629	1001116726.....	772	1001126485.....	771, 772, 773	1001148842.....	772
1001101042.....	115, 145, 231, 605, 607, 623, 625, 627, 629	1001116727.....	725	1001126487.....	771, 772	1001149278.....	460, 463
1001101063.....	615	1001116728.....	729, 807	1001126837.....	713, 819	1001149308.....	307
1001101064.....	613, 615	1001116732.....	771	1001127728.....	409	1001149376.....	307, 857
1001101563.....	111	1001116734.....	771	1001128127.....	789	1001149923.....	103
1001102502.....	793, 857	1001116747.....	747	1001128128.....	771	1001150294.....	507
1001102750.....	842	1001116748.....	727	1001128478.....	49, 303, 327, 329, 857	1001150611.....	789
1001103012.....	725	1001116753.....	727	1001130198.....	257, 767	1001150735.....	727
1001103156.....	713	1001116754.....	727	1001130323.....	842	1001150737.....	727
1001103201.....	146	1001116763.....	747	1001132564.....	460	1001151257.....	619
1001103300.....	713	1001116810.....	789	1001133690.....	287	1001152378.....	255
1001103530.....	195	1001116811.....	771	1001133714.....	770, 773	1001152729.....	283
1001103531.....	145	1001116812.....	725, 770, 771, 772, 789, 790	1001133715.....	770, 772, 773	1001152915.....	431
1001103533.....	195	1001116815.....	729, 774	1001133793.....	287	1001152940.....	281, 295
1001103640.....	629	1001116950.....	770, 773, 790	1001134274.....	713	1001152947.....	431
1001104435.....	189	1001116984.....	728	1001135245.....	311	1001153748.....	647, 687
1001104437.....	589	1001116985.....	728	1001135650.....	770, 772, 773	1001153858.....	95, 97
1001104477.....	623, 673	1001116986.....	728	1001135651.....	770, 772, 773	1001153859.....	95, 99
1001104498.....	729, 785	1001116991.....	726, 745	1001136999.....	728	1001154174.....	97, 99
1001104519.....	726	1001116994.....	757	1001137000.....	728	1001154688.....	23
1001104646.....	605, 607	1001116995.....	727, 729, 785, 790, 837	1001137512.....	209	1001155228.....	429, 433
1001104654.....	739, 857	1001116996.....	786	1001137578.....	773	1001155407.....	95
1001104685.....	313, 315	1001116997.....	727	1001138116.....	772	1001155441.....	101
1001104934.....	645	1001116998.....	728, 729	1001138645.....	253, 767	1001155446.....	423
1001104958.....	145	1001116999.....	726, 745	1001139034.....	281, 295	1001155447.....	427, 455
1001105639.....	617	1001117011.....	751	1001139551.....	529	1001155486.....	529
1001105643.....	617	1001117021.....	747	1001139552.....	449	1001155823.....	313, 315
1001106570.....	53	1001117064.....	727	1001139568.....	449	1001155958.....	95
1001106930.....	145	1001117079.....	727	1001140296.....	299	1001155959.....	95
1001107192.....	433	1001117081.....	726, 727, 728	1001141246.....	435	1001155960.....	95
1001107336.....	187	1001117108.....	785, 790	1001141281.....	455	1001156265.....	587
1001107338.....	187, 191, 193	1001117109.....	771, 790	1001141311.....	529	1001157890.....	790
1001107581.....	187	1001117110.....	771, 785, 789	1001141312.....	449	1001157891.....	785
1001107854.....	725, 727, 728, 747, 785, 786, 789	1001117308.....	761, 765, 857	1001141313.....	529	1001158146.....	739
1001108918.....	623, 625, 627	1001118282.....	771	1001141596.....	703	1001158596.....	493
1001110023.....	605, 623, 625, 627, 675	1001118323.....	790	1001142285.....	407	1001158736C.....	501
						1001159028.....	563, 565, 856
						1001159728.....	845, 847
						1001159734.....	739, 857

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001159735.....739, 857	1001162922.....567	1001167937.....439	1001172088.....567
1001159736.....529, 857	1001162953.....518, 521	1001167958.....433, 439	1001172094.....567
1001159737.....739, 857	1001162979.....587	1001167981.....427, 460	1001172146.....47
1001159738.....707, 857	1001163103.....97	1001168030.....283	1001172147.....47
1001159739.....803, 805, 857	1001163340.....726	1001168142.....587	1001172193.....431, 441
1001159741.....739, 857	1001163387.....247	1001168151.....587	1001172401.....427, 457
1001159742.....823, 857	1001163639.....739, 857	1001168152.....427, 429	1001172547.....513, 518, 857
1001159745.....615, 857	1001164053.....111	1001168272.....265	1001172550.....513, 518
1001159748.....739, 857	1001164402.....761, 763	1001168327.....518	1001172553.....513, 518
1001159845.....809, 811, 813, 815, 857	1001164655.....453	1001168330.....518	1001172693.....45
1001159846.....809, 811, 813, 815, 857	1001164726.....433	1001168331.....518	1001172774.....539
1001159849.....739, 857	1001165194.....773	1001168456.....518	1001172886.....103, 105
1001159925.....513, 518, 857	1001165269.....489, 491	1001168531.....501, 751	1001172894.....602, 647
1001160326.....518, 857	1001165270.....489	1001168727.....299	1001172900.....602, 633
1001160496.....535	1001165273.....491	1001168758.....27	1001172909.....602, 617
1001160498.....725	1001165275.....435	1001169048.....93	1001173013.....602, 611
1001160499.....785	1001165276.....441	1001169049.....93	1001173257.....537
1001160500.....789	1001165309.....789	1001169135.....501, 503	1001173298.....433
1001160502.....725	1001165310.....790	1001169146.....261, 767	1001173411.....726
1001160503.....535, 539	1001165311.....785	1001169151.....518, 747	1001173418.....621
1001160506.....537	1001165327.....491	1001169216.....247	1001173425.....533
1001160509.....785, 789	1001165351.....477	1001169268.....591, 857	1001173641.....429, 431
1001160510.....785, 789	1001165416.....477	1001169354.....583, 585	1001173771.....669, 671
1001160730.....857	1001165455.....477	1001169355.....585	1001173829.....797
1001160775.....845	1001165458.....467, 477	1001169367.....585	1001173965.....460
1001161067.....465	1001165637.....455	1001169424.....247	1001174295.....433, 445
1001161068.....460	1001165789.....287, 289	1001169454.....43	1001174320.....431
1001161078.....555	1001166385.....551	1001169603.....460	1001174321.....435
1001161080.....555	1001166541.....772	1001169604.....460, 463	1001174328.....27
1001161095.....725, 785, 789	1001166543.....772	1001169674.....845, 847	1001174372.....753, 755
1001161097.....725	1001166551.....773	1001169751.....583	1001174557.....99
1001161098.....725, 789	1001166555.....773	1001169763.....591	1001174567.....577, 579
1001161099.....725, 785, 789	1001166556.....772, 773	1001169825.....761	1001174652.....463
1001161100.....725, 785, 789	1001166565.....269, 271	1001169880.....441	1001174653.....463
1001161101.....725, 785, 789	1001166634.....435, 441	1001169883.....443	1001174655.....463
1001161252.....543	1001166701.....772	1001169885.....443	1001174712.....739, 858
1001161253.....541	1001166704.....773	1001169918.....259	1001174741.....545
1001161499.....427, 563	1001166707.....770	1001170106.....45	1001174795.....267
1001161672.....587	1001166715.....269	1001170113.....443	1001174800.....545
1001161769.....721, 731	1001166754.....423	1001170113J.....441	1001174801.....545
1001161770.....721, 733	1001166755.....423	1001170114.....433, 441	1001174804J.....97
1001161771.....721, 735	1001166774.....772, 773	1001170231.....567	1001174879.....379
1001161851.....463	1001167004.....593	1001170326.....487	1001174880.....379
1001161855.....460	1001167015.....531, 533	1001170366.....425, 483	1001174881.....379
1001161896.....587	1001167017.....829	1001170504.....460	1001175201.....265
1001161897.....587	1001167212.....705	1001170514.....465	1001175225.....93
1001161898.....587	1001167266.....521, 523	1001170518.....460	1001175265.....772
1001161957.....789	1001167356.....321	1001170519.....460, 465	1001175266.....785, 789
1001161958.....785	1001167408.....317	1001170601J.....433	1001175309.....243
1001161959.....725	1001167528.....773	1001170603.....429, 451	1001175320.....291, 293
1001161963.....789	1001167615.....773	1001170716.....531	1001175470.....487
1001161964.....785	1001167616.....772	1001170718.....531	1001175471.....483, 485
1001162636.....103	1001167620.....773	1001170944.....435	1001175477.....433
1001162659.....49, 856	1001167621.....773	1001170984.....105	1001175553.....243, 249
1001162662.....49, 856	1001167622.....773	1001170993.....485	1001175555.....245, 251
1001162767.....49	1001167623.....773	1001171000.....321	1001175661.....99
1001162886.....726	1001167624.....773	1001171037.....443	1001175733.....833
1001162887.....726	1001167625.....773	1001171390.....103, 105	1001175746.....95
1001162920.....567	1001167629.....773	1001171392.....105	1001175747.....95
	1001167630.....772, 773	1001171635.....443	1001175749.....95
	1001167631.....772	1001171756.....489	1001175754.....91
	1001167634.....771	1001171767.....485	1001175762.....99
	1001167635.....772	1001171782.....27	1001175776.....831, 833
	1001167636.....770	1001171874.....567	1001175853.....97
	1001167773.....317	1001171913.....259	1001175896.....95
	1001167822.....809	1001171959.....259	1001175897.....95
	1001167823.....813	1001172035.....842	

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001175898..... 89	1001179054..... 629	1001181951..... 243, 245, 287	1001183909J..... 39
1001175900..... 95	1001179056..... 625	1001182037..... 243, 245, 277	1001183910J..... 39
1001175903..... 460	1001179058..... 623	1001182049..... 717	1001183956..... 295
1001176002..... 773	1001179059..... 835	1001182111..... 281	1001183958..... 309
1001176004..... 773	1001179080..... 521	1001182112..... 279, 281	1001183983..... 635, 637
1001176121..... 483, 487	1001179081..... 521	1001182123..... 451	1001184041..... 199
1001176140..... 545	1001179130..... 521, 525	1001182139..... 451	1001184043..... 201
1001176257..... 545	1001179197..... 705	1001182193..... 281	1001184045..... 203
1001176272..... 451	1001179221J..... 703, 705	1001182210..... 27	1001184062..... 279, 291
1001176273..... 451	1001179297..... 851	1001182213..... 295, 677	1001184099..... 299
1001176313..... 649	1001179482..... 551	1001182217..... 767	1001184120..... 279, 299
1001176318..... 545	1001179483..... 551	1001182218..... 767	1001184128..... 299
1001176323..... 73	1001179484..... 469	1001182219..... 767	1001184129..... 299
1001176333..... 727	1001179585..... 705	1001182231..... 633	1001184280..... 527
1001176338..... 749	1001179586..... 703, 705	1001182235..... 243, 245, 255	1001184296..... 515, 527
1001176407..... 95, 101	1001179861..... 317	1001182330..... 547	1001184297..... 515, 527
1001176626..... 451	1001179864..... 279, 305	1001182450..... 279	1001184403..... 525
1001176691..... 95	1001179895..... 549	1001182452..... 309	1001184404..... 525
1001176882..... 101	1001179898..... 549	1001182453..... 309	1001184405..... 525
1001176942..... 91	1001179907..... 253	1001182529..... 501, 503	1001184406..... 525
1001176964..... 41	1001179910..... 317, 319	1001182582..... 243, 245, 247	1001184420..... 709, 711
1001176965..... 41, 43	1001179937..... 713	1001182647..... 245, 329	1001184423..... 109
1001176966..... 41, 47	1001180045..... 477	1001182650..... 767	1001184425..... 109
1001177048..... 581	1001180134..... 602, 645	1001182651..... 767	1001184426..... 109
1001177049..... 581	1001180196..... 55	1001182652..... 767	1001184427..... 527
1001177050..... 581	1001180198..... 63	1001182654..... 767	1001184439..... 433
1001177051..... 581	1001180202..... 57	1001182735..... 243, 245, 253	1001184445..... 309
1001177052..... 581	1001180206..... 67	1001182763..... 71	1001184473..... 728, 745
1001177053..... 577, 581	1001180207..... 53	1001182793..... 609	1001184479..... 728, 745
1001177054..... 99	1001180263..... 537, 539	1001182824..... 259	1001184517..... 619
1001177060..... 47	1001180267..... 703	1001182834..... 460	1001184518..... 619
1001177062..... 47	1001180328..... 261	1001182839..... 819	1001184524..... 23
1001177073..... 99	1001180418..... 589	1001182881..... 277	1001184530..... 649
1001177082..... 47	1001180472..... 577	1001182885..... 277	1001184531..... 602, 649
1001177464..... 543	1001180529..... 803	1001182886..... 277	1001184609..... 293, 309
1001177597..... 729, 774, 857	1001180574J..... 29	1001182929..... 767, 777	1001184610..... 105
1001177638..... 377, 379	1001180593..... 323	1001182930..... 767, 779	1001184632..... 842
1001177851..... 327, 331	1001180682..... 749	1001182935..... 311	1001184633..... 842
1001177863..... 243, 245, 635	1001180683..... 749	1001182949..... 281, 285	1001184800..... 309
1001177870..... 379	1001180809..... 645	1001182950..... 295, 297	1001184839..... 835, 837
1001178053..... 797, 799	1001180810..... 645	1001182994..... 291	1001184856..... 717
1001178102..... 609	1001180811..... 645	1001182995..... 291	1001184955..... 279, 309
1001178123..... 477	1001180850..... 639	1001183076..... 279, 301	1001184975..... 541
1001178159..... 431	1001180855..... 639	1001183125..... 313, 315	1001185023J..... 23
1001178160..... 431	1001181008..... 617	1001183149..... 313, 315	1001185061..... 23
1001178170..... 518	1001181016..... 617	1001183274..... 55, 57, 63	1001185210..... 295
1001178439..... 243, 327	1001181017..... 621	1001183297..... 803, 805, 807	1001185248..... 57, 61
1001178474..... 43	1001181019..... 617	1001183347..... 253	1001185282..... 295
1001178526..... 103	1001181161..... 623, 625, 627, 629	1001183357..... 313, 315	1001185337..... 279, 295
1001178622..... 245	1001181170..... 617	1001183460..... 89	1001185351..... 602, 643
1001178678..... 429, 447	1001181411..... 449	1001183461..... 91	1001185375..... 243, 245, 767
1001178679..... 447, 449	1001181531..... 793	1001183550..... 465	1001185633..... 547
1001178680..... 449	1001181559..... 329, 333	1001183590..... 27	1001185722..... 755
1001178681..... 449	1001181562..... 611	1001183596..... 827	1001185809..... 739
1001178693..... 43	1001181563..... 611	1001183597..... 471	1001185845..... 547
1001178706..... 851	1001181564..... 611	1001183745..... 247	1001185848..... 547
1001178725..... 321	1001181565..... 611	1001183831..... 269	1001185864..... 279, 311
1001178729..... 83	1001181568..... 611	1001183838..... 761	1001185870..... 460
1001178749..... 321, 323	1001181569..... 611	1001183888..... 809	1001185871..... 301
1001178783..... 749	1001181726..... 460, 467	1001183890..... 809	1001185936..... 27
1001178791..... 265	1001181784..... 611	1001183908J..... 33	1001186169..... 95, 709
1001178826..... 559	1001181920..... 451		1001186359..... 71
1001179008..... 557, 559	1001181921..... 451, 831		1001186370..... 309
1001179009..... 557, 559	1001181927..... 595		1001186392..... 71
1001179041..... 613	1001181928..... 597		1001186395..... 77
			1001186439..... 79
			1001186565..... 809, 813

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001186567.....	809, 813	1001190542.....	381	1001195742.....	645	1001201499.....	573
1001186574.....	405	1001190589.....	739	1001195829.....	21, 23	1001201500.....	575
1001186603.....	755	1001190921.....	774	1001195855.....	842	1001201501.....	573, 575
1001186693.....	761	1001191091.....	445	1001195878.....	431	1001201504J.....	27
1001186698.....	109	1001191229.....	842	1001196002.....	639	1001201520.....	427, 477
1001186849.....	279, 303	1001191281.....	467, 469	1001196452.....	753, 755, 757	1001201766.....	259
1001187070.....	779	1001191282.....	469	1001196531.....	425, 427	1001201805J.....	23
1001187077.....	779	1001191283.....	467, 471	1001196587.....	253	1001201811.....	259
1001187276.....	279, 283	1001191284.....	467, 473	1001196661.....	643	1001201823.....	259
1001187277.....	283	1001191310.....	471	1001196723.....	639	1001201869.....	842
1001187355.....	633	1001191311.....	473	1001196787.....	643	1001201929.....	259
1001187413.....	567, 569, 856	1001191312.....	473	1001196806.....	842	1001201930.....	259
1001187712.....	283	1001191313.....	473	1001196876J.....	23	1001201933.....	259
1001187717.....	27	1001191370.....	467	1001197090.....	605	1001201943.....	643
1001187851.....	713	1001191508.....	281, 295	1001197093.....	607	1001201951.....	577, 856
1001187852.....	713	1001191521.....	47, 49	1001197130.....	381, 393	1001202086.....	425
1001187853.....	713	1001191533.....	49	1001197135.....	23	1001202120.....	291
1001188204.....	247	1001191621.....	89, 95	1001197139.....	567, 571	1001202135.....	649
1001188262.....	427, 567	1001191635.....	75, 77	1001197259.....	555	1001202177.....	629
1001188407.....	305	1001191808.....	27	1001197266.....	23	1001202249.....	301
1001188413.....	71	1001191959.....	473	1001197275.....	51	1001202288.....	831
1001188548.....	605, 607	1001192124.....	45	1001197360.....	43	1001202293.....	829
1001188590.....	513, 518	1001192125.....	43, 45	1001197430.....	295	1001202328.....	301
1001188592.....	527	1001192142.....	761, 857	1001197479.....	103, 105	1001202329.....	301
1001188594.....	515, 527	1001192240.....	469	1001197598.....	211	1001202376.....	301
1001188602.....	515, 527	1001192309.....	433	1001197638.....	303	1001202421.....	759, 857
1001188603.....	515, 527	1001192392.....	45	1001197639.....	781	1001202430.....	759
1001188604.....	515, 527	1001192411.....	311	1001197641.....	303	1001202445.....	301
1001188610.....	515, 527	1001192643.....	437	1001197653.....	303	1001202473.....	313, 315
1001188612.....	515, 527	1001192644.....	439	1001197654.....	303	1001202474.....	313, 315
1001188614.....	515, 527	1001192646.....	433	1001197821.....	243, 245, 257	1001202476.....	313
1001188618.....	527	1001192711.....	227	1001197945.....	149	1001202477.....	313, 315
1001188619.....	527	1001192720.....	227	1001198331.....	613, 615	1001202478.....	313, 315
1001188720.....	515, 527	1001192766.....	433, 437	1001198355.....	227	1001202480.....	313, 315
1001188722.....	71	1001192836.....	83	1001198836.....	71, 857	1001202643.....	311
1001188725.....	515, 527	1001192875.....	227	1001198924.....	553	1001202653.....	301
1001188729.....	515, 527	1001192876.....	227	1001198932.....	781, 857	1001202654.....	301
1001188733.....	515	1001192877.....	227	1001198958.....	553	1001202921.....	313, 315
1001188817.....	527	1001193210.....	441	1001199299.....	717	1001202922.....	283
1001188818.....	527	1001193421.....	649	1001199380.....	860	1001203009.....	299
1001188855.....	321	1001193513.....	645	1001199381.....	860	1001203012.....	311
1001188856.....	321	1001193514.....	645	1001199382.....	860	1001203014.....	301
1001189023.....	527	1001193515.....	645	1001199403.....	283	1001203015.....	767
1001189024.....	527	1001193540.....	227	1001199670.....	263	1001203025.....	283
1001189025.....	515, 527	1001193551.....	259	1001199935.....	817, 821	1001203027.....	299
1001189048.....	527	1001193729.....	227	1001200218.....	623, 625	1001203028.....	299
1001189054.....	527	1001193735.....	321	1001200538.....	811	1001203039.....	301
1001189099.....	103, 105	1001193993.....	761	1001200539.....	815	1001203173.....	301
1001189182.....	460	1001194421.....	729	1001200633.....	619, 857	1001203178.....	283
1001189338.....	705	1001195004.....	579	1001200688.....	707	1001203291.....	39
1001189339.....	705	1001195207.....	577	1001200694.....	541	1001203374.....	33
1001189475.....	107	1001195210J.....	23	1001200815.....	637, 667	1001203386.....	29
1001189476.....	107	1001195240J.....	23	1001200908.....	309	1001203402.....	35
1001189480.....	101	1001195252J.....	23	1001200968.....	533	1001203406.....	31
1001189569.....	795, 797	1001195254.....	579	1001201027.....	425, 489	1001203408J.....	35
1001189586.....	247	1001195342.....	523	1001201070.....	729	1001203410.....	31
1001189884.....	299	1001195343.....	523	1001201161.....	427	1001203503.....	227
1001189888.....	665	1001195345.....	523	1001201162.....	427	1001203640.....	811, 815
1001189898.....	739, 857	1001195385.....	523	1001201205.....	627	1001203825.....	323
1001189984J.....	27	1001195386.....	523	1001201207.....	543	1001203882.....	767
1001189997.....	831, 857	1001195437.....	523	1001201245.....	613	1001203922.....	613, 615
1001190225.....	829	1001195438.....	523	1001201331.....	477	1001204060.....	815
1001190227.....	831	1001195443.....	299	1001201336.....	513	1001204066.....	435
1001190396.....	799	1001195518.....	247	1001201338.....	518	1001204115.....	435
1001190408.....	27	1001195587.....	25	1001201340.....	427, 741	1001204120.....	435
1001190541.....	405	1001195741.....	645			1001204128.....	117

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001204129	119	1001212369.....	455	1001217179.....	703	1001226776	605, 607
1001204130	121	1001212468.....	467	1001217333.....	299	1001226777	605, 607
1001204131	123	1001212590.....	407	1001217550.....	19	1001226778	605, 607
1001204132	125	1001212591.....	407	1001217623.....	707	1001226779	605, 607
1001204133	127	1001212598.....	409	1001218495.....	717	1001227090	321
1001204134	129	1001212599.....	409	1001218542.....	513, 518	1001227186	431
1001204301	317	1001212906.....	269	1001218659.....	842	1001227187	441
1001204302	317	1001212948.....	299	1001218856.....	427, 475	1001227188	441
1001204373	317	1001212949.....	299	1001218996.....	513, 518	1001227229	99
1001204374	71	1001212956.....	313, 315	1001219076.....	460	1001227287	842
1001204375	71	1001213006.....	255	1001219182.....	327, 329	1001227357	453
1001204420	605, 607, 669	1001213031.....	621	1001219212.....	842	1001227653	111
1001204421	605, 607	1001213331.....	435	1001219220.....	451	1001227802	433
1001204427	605, 607	1001213748.....	669	1001219810.....	295	1001227974	643
1001204428	605, 607	1001213752.....	819	1001219865.....	541	1001228929	283
1001204437	605, 607	1001213771.....	605, 607	1001220540.....	423	1001228930	283
1001204518	71	1001213772.....	605, 607	1001220639.....	641, 683	1001228931	283
1001204528	811	1001213791.....	433	1001220945.....	753	1001228989	805, 811, 815
1001204530	811	1001213829.....	607	1001220947.....	753	1001229063	283
1001204535	107	1001213871.....	605	1001220948.....	753	1001229068	283
1001204709	559	1001213883.....	609	1001221020.....	639	1001229087	587
1001204731	619	1001213925.....	609	1001221027.....	639	1001229093	301
1001204841	257	1001213988.....	721	1001221057.....	527	1001229223	613, 615
1001205041	257	1001214036J.....	37	1001221058.....	527	1001229314	615
1001205061	567, 573	1001214092.....	455	1001221059.....	513, 518	1001229319	431
1001205080	25	1001214206.....	842	1001221242.....	95, 715	1001229534	427, 587
1001205172	774, 856	1001214280.....	595, 597, 857	1001221249.....	715	1001229543	433
1001205514	505	1001214281.....	721	1001221255.....	579	1001229562	615
1001205532	433, 435	1001214297.....	109	1001221257.....	715	1001229640	615
1001205551	299	1001214297.....	109	1001221259.....	518	1001230163	445
1001205648	501	1001214312.....	109	1001221293.....	715	1001230194	619, 689
1001205782	505	1001214399.....	607	1001221295.....	513	1001230411	309
1001206120	253	1001214401.....	819	1001221318.....	819	1001230435	427, 453
1001206173	115	1001214492.....	37	1001221319.....	819	1001230622	705
1001206557	71	1001214572.....	73	1001221577.....	99	1001231388	269
1001206558	71	1001214686.....	727	1001221659.....	613, 615	1001231389	269
1001206669	235	1001214687.....	727	1001221660.....	613	1001231390	269
1001206671	231	1001215022.....	303	1001221665.....	613, 615	1001231397	725
1001207486	261	1001215023.....	303	1001221952.....	617	1001231399	725
1001207522	621	1001215024.....	303	1001221953.....	617	1001231400	729
1001207523	621	1001215319.....	267	1001222187.....	259	1001231404	729
1001207525	639	1001215531.....	435	1001222188.....	45	1001231731	273
1001207594	817, 819	1001215804.....	479	1001222190.....	45	1001231732	275
1001207963	541	1001215988.....	157	1001222573.....	281, 295	1001231750	275
1001208035	615	1001215990.....	163	1001222603.....	593, 856	1001231801	842
1001208037	703, 705	1001215992.....	167	1001222741.....	435	1001232651	619
1001208308	460	1001215994.....	171	1001223265.....	541	1001235451	619
1001208518	427, 793	1001215996.....	175	1001223453.....	842	1001236402	595
1001209097	771	1001216001.....	153	1001223455.....	727	1001236404	593
1001209463	551	1001216003.....	223	1001223968.....	793	1001236622	729
1001209899	451	1001216163.....	605, 607	1001224143.....	643	1001237054	621
1001210022	259	1001216232.....	605, 607	1001224144.....	643	1001238460	53
1001210417	111	1001216237.....	609	1001224447.....	643	1001238470	313, 315
1001210431	111	1001216275.....	609	1001224476.....	645	1001238560	227
1001210432	111	1001216276.....	609	1001225177.....	431	1001238565	139, 141, 143
1001210628	427, 479	1001216277.....	609	1001225213.....	259	1001238566	227
1001210961	805	1001216278.....	609	1001225382.....	801	1001238570	227
1001210962	805	1001216279.....	609	1001225386.....	801	1001238653	139
1001211357	749	1001216280.....	609	1001225414.....	825	1001238654	143
1001211452	615	1001216311.....	95, 609	1001225423.....	645	1001238655	141
1001211693	721	1001216813.....	269	1001225432.....	249, 251	1001239878	261
1001211897	207	1001216854.....	257	1001225619.....	83	1001239879	261
1001211907	460	1001216855.....	257	1001225658.....	801	1001241308	437
1001212011	445	1001216867.....	309	1001226096.....	303	1001241674	53, 55, 57, 63, 67
1001212047	557	1001216923J.....	27	1001226101.....	605, 607		
1001212049	557	1001216974.....	493, 501, 505	1001226481.....	759		
				1001226722.....	71, 679		

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001241883.....633, 681	1001257426..... 817, 823	1001270466 721, 857	1001292995.....233
1001241950.....593	1001258271 845	1001270467 761, 856	1001292996.....237
1001242098.....605, 607, 856	1001258342 533	1001270468 761, 856	1001293727.....619
1001242220.....99	1001259144 191	1001270595 609	1001310831.....621
1001242650.....795	1001259146 193	1001270857 613, 615	1062255.... 257, 261, 283, 299, 301, 317, 323, 605, 607, 613, 615, 619, 623, 625, 639, 643, 767
1001243343.....533	1001260973 315	1001270976 513, 518	10732931.....681
1001243433.....411, 413	1001260974 315	1001271129 613, 615	10837926.....681
1001243434.....413	1001261091 639	1001271338 25	10837928.....681
1001243435.....411, 415	1001261092 639	1001271363 427, 721	10837929.....681
1001243436.....415	1001262322 857	1001271803 741, 743	10837937.....681
1001244192.....811, 815	1001263039 615, 685	1001272548 239	1170002.....197
1001244193.....811, 815	1001263830 269	1001272882 853	120034.....721
1001244593.....795	1001264638 849	1001273004 853	1320239.....283
1001244594.....795	1001264727 860	1001273005 853	1670836.....611
1001247646.....842	1001264844 728	1001273635 803, 805, 809	1671326.....533
1001247708.....615	1001264861 728	1001273847 25	1701500.....842
1001248161.....411	1001264873 860	1001274533 745	1702773.... 139, 141, 143
1001248416.....795	1001264874 860	1001274534 745	1704885.... 139, 141, 143
1001248760.....417, 419	1001264916 860	1001274535 745	1706296.....842
1001248891.....783, 785	1001264918 860	1001274536 745	1706299.....842
1001248892.....789	1001264921 860	1001274537 745	1706300.....842
1001248893.....783	1001264937 860	1001274538 745	1706301.....842
1001248899.....795	1001264976 743	1001274539 745	1706302.....227, 842
1001248901.....795	1001265061 301	1001274540 745	1706306.....842
1001248902.....795	1001265218 205	1001274541 745	1706768.....842
1001250416.....411, 417	1001265291 860	1001274543 745	1706850.....842
1001250417.....411, 419	1001265358 721, 737	1001274544 745	1706892.....139
1001250420.....419	1001265375 829	1001274553 745	1707078.....842
1001250421.....417	1001265395 75	1001274554 745	1784861.....107
1001254357.....313, 315	1001265815 641	1001274911 661	2080078.....449
1001256274.....259	1001267963 631, 663	1001274912 95, 659	2080086.....431
1001256275.....313	1001267977 655, 657	1001274913 631, 653	2080087.....431
1001256277.....259, 265	1001268341 860	1001275274 229	2080092.....27, 483
1001256278.....259, 261	1001268828 513, 515	1001276648 659	2110406.... 619, 623, 625
1001256335.....87	1001268829 743	1001276695 95, 665	2110410.....623, 625
1001256336.....87, 89	1001268830 743, 745	1001276751 845	2110604.....669
1001256337.....87, 91	1001268832 518, 527	1001276752 845	2110606.....619, 633
1001256338.....87, 93	1001268846 541	1001277383 631	2110608.....295
1001256360.....377	1001268851 783	1001278028 713	2110610.....71, 637
1001256366.....377, 381	1001268889 257, 283, 301	1001279165 845, 847	2110806.....71, 633
1001256367.....377, 393	1001269021 602, 641	1001280471 493, 495	2110808.... 609, 611, 619, 645, 647
1001256369.....795	1001269248 567	1001282197 609	2110810.... 309, 615, 619, 623, 625, 627
1001256381.....313, 315	1001269407 602, 639	1001282247 609	2110812.....619
1001256382.....313, 315	1001269410 619	1001283175 467	2111010.... 605, 609, 633, 637
1001256383.....313, 315	1001269411 639	1001283711 767	2111012.....669
1001256384.....313, 315	1001269555 515, 527	1001285007 721, 725	2111612.....633
1001256410.....263	1001269555 515, 527	1001285715 739	2111616.....301, 641
1001256433.....19	1001269556 515, 527	1001288070 505	2112016.....301
1001256434.....19	1001269558 515, 527	1001288631 847	2130404.....587
1001256563.....259, 263	1001269559 515, 527	1001289105 821	2130604.....71, 637
1001256609.....602	1001269560 515, 527	1001289296 821	2130606.... 295, 633, 641
1001256644.....257	1001269561 515, 527	1001289374 847	2130608.....295
1001256834.....767, 770	1001269563 515, 527	1001289375 847	2130610.....311
1001257142.....243, 245, 269	1001269564 515, 527	1001289376 847	2130808.....587
1001257263.....215	1001269578 527, 857	1001289377 847	2130810.....281, 309
1001257265.....217	1001269579 527	1001289378 847	2131010.....309, 613
1001257317.....213	1001269627 75	1001289562 267	2131012.....609, 615
1001257318.....221	1001269628 75	1001289563 265, 267	2131212.... 301, 613, 615
1001257327.....219	1001269720 619	1001290109 159	2132016.....633
1001257330.....587	1001269721 619	1001290111 165	2144602.....619
1001257348.....595, 858	1001269722 619	1001290113 169	
1001257413.....25	1001269723 619	1001290115 173	
1001257414.....21, 25	1001269724 619	1001290122 177	
1001257415.....21	1001270117 487	1001290440 183	
1001257425.....817	1001270167 381, 388	1001290441 181	
	1001270170 393, 401	1001290442 179	
	1001270180 721	1001290666 825	

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

2144605 617	3290805 25, 259, 283,	443630 107	4461006 770, 772
2144606 287	287, 317, 327, 329,	4460225 725, 726	4461008 772, 801
2150404 641	571, 589, 623, 767	4460234 317	4461015 737, 790
2150606 71, 641	3290806 449	4460247 770	4461017 777
2150808 647	3291001 25, 255, 269,	4460256 771	4461018 770
2150810 309	301, 313, 315, 321,	4460265 725	4461054 772, 786
2151012 71	581, 619, 795	4460267 725, 726	4461070 729, 773
2151210 327, 329	3291005 197, 321, 553	4460268 725	4461071 772
2160016 ... 89, 91, 95, 99,	3291201 299	4460343 725, 726	4461095 726, 770
103, 105, 111	3291205 91, 95, 103, 105	4460434 725	4461115 728, 807
2160018 97	3291605 89, 93, 247	4460458 772, 807	4461118 ... 727, 747, 785,
2170116 301	3300220 765	4460464 ... 711, 726, 728,	786, 789
2170208 587	3300240 189	747, 771, 779, 785,	4461170 835
2170212 301	3300479 377	789, 807, 833	4461174 475
2170406 71	3311502 227	4460465 ... 711, 726, 727,	4461262 ... 725, 728, 785
2170706 619, 637	3321001 765	728, 737, 751, 757,	4641237 641
2170708 619	3332011 381, 423	770, 771, 772, 773,	471678 261, 489
2170908 609	3391408 577	785, 786, 789, 790	4740532 635
2171008 609	3391410 227	4460466 ... 725, 726, 727,	4740572 291, 309
2171110 607	3423275 189	728, 737, 757, 770,	4761000 765
2171208 645	3520028 579	771, 772, 773, 785,	4807718 449
2171310 607	3760348 567	786, 789, 790, 801, 807	4811400 ... 467, 575, 713,
2171832 649	3790013 619	4460496 721	741, 829
2172104 619	3900224 23	4460497 721	4811600 ... 289, 460, 767,
2172106 71, 283	3900349 761	4460508 771, 777	831, 835, 853
2172208 629	3900357 253, 767	4460509 770, 789	4811602001 460
2220221 633	3900379 27, 549	4460518 728	4811700 ... 27, 71, 77, 79,
2220239 49	3900381 767	4460536 779, 801	109, 227, 253, 259,
2220240 49	3968141 388, 401	4460539 ... 726, 727, 770,	263, 277, 291, 299,
2220881 683	3983720 389, 402	771, 772, 785, 790	305, 309, 317, 321,
2220883 659, 665	3983731 389, 402	4460608 771	431, 433, 467, 489,
2220885 657	3984425 390, 402	4460744 725	518, 531, 533, 543,
2220886 683	3986405 389	4460746 725	545, 551, 567, 573,
2400600 388, 401	3986610 503	4460748 772	579, 715, 717, 721,
2401043 389, 402	3986643 503	4460789 747, 772	753, 755, 795, 809,
2401258 389, 402	4000015 857	4460836 726, 789	811, 813, 815, 819, 827
2401736 389	4010310 795	4460871 757	4811700001 460, 541
24921332 259	4010508002 460	4460884 ... 726, 728, 786	4811702 23, 291, 295,
2902440 131, 133	4010510 593	4460891 ... 711, 728, 770,	413, 415, 417, 419,
2902441 135, 137	4010608 713	771, 773, 785, 789, 790	483, 545, 567, 573,
2902443 772	4010608002 ... 433, 460,	4460892 773	587, 761, 783
2903197 390	541, 543, 545, 551	4460894 ... 726, 728, 751,	4811702001 433, 441,
2920206 813	4010610002 ... 460, 545,	771, 785, 789, 790	460, 593
2940074 857	579	4460897 ... 726, 737, 751,	4811900 ... 25, 27, 29, 31,
2960243 389, 402	4010612002 ... 441, 460,	773, 799	33, 35, 37, 39, 43, 47,
3020040 95	467, 471, 473	4460899 ... 747, 801, 837	49, 71, 75, 89, 91, 103,
31200160 139	4031504 715, 717	4460905 757	105, 253, 259, 261,
31200386 141	4031607 45, 49, 595	4460906 726	263, 265, 283, 287,
31200387 143	4031608 465, 761	4460911 785, 789	291, 299, 301, 309,
31200388 143	4031608001 460	4460929 737	311, 317, 327, 329,
314689 95	4031612 835	4460930 726, 728	433, 435, 453, 455,
3290305 795	4031708001 ... 531, 533	4460931 729, 785	493, 501, 505, 518,
3290401 ... 467, 741, 797,	4031709 645	4460932 ... 711, 807, 833	535, 537, 539, 547,
829	4031908 613, 615	4460933 ... 726, 771, 785,	563, 567, 587, 589,
3290405 437, 713	4031910 ... 537, 539, 613,	789, 790	609, 613, 615, 619,
3290501 ... 721, 767, 831,	615, 647	4460941 ... 737, 747, 799,	621, 639, 645, 753,
835, 853	4031918 ... 605, 623, 625,	837	755, 761, 767, 783,
3290505 317, 767	627	4460942 ... 726, 728, 737,	809, 821, 829
3290601 ... 109, 227, 291,	4031927 281	773, 785, 789, 790	481190227, 99, 291, 301,
295, 467, 518, 545,	4032010 311	4460943 ... 728, 737, 751	305, 413, 415, 417,
567, 713, 721, 753,	4032017 669	4460944 ... 725, 726, 728,	419, 513, 518, 545,
755, 795, 813, 827	4032109 187	757, 770, 771, 772,	547, 619, 767
3290605 ... 27, 259, 321,	4109801 842	773, 790	4812000 ... 23, 25, 27, 43,
413, 415, 417, 419,	4110422 235	4460945 729, 773	47, 71, 75, 83, 255,
460, 467, 473, 713	4240127 257	4460950 771	257, 259, 261, 269,
3290801 ... 291, 301, 433,	4360658 575, 857	4460970 ... 771, 785, 789	283, 287, 295, 299,
563	4360669 73	4460994 727, 729	309, 311, 313, 315,

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

317, 321, 323, 327, 329, 553, 577, 581, 587, 605, 607, 617, 619, 633, 643, 713, 767, 783, 795, 801, 805, 829, 853 4812002....259, 269, 281, 283, 295, 301, 649, 669, 703, 705 4812100...23, 43, 91, 247, 259, 283, 299, 379, 767 4812102.....107 4812200.....825 4812300....55, 57, 63, 67, 71, 89, 247 4812500.....423 4831400....467, 741, 797 4831600.....49, 761 4831700....261, 545, 717, 753, 755 4831900.....95, 513, 518, 623 5201215.....649 5220600.....813, 815 5220800.....703, 705 5240600.....761 5240800....281, 295, 629 5241000.....321 5241600.....53 5242400.....227 5250608.....523 5251010.....23 5260800....281, 295 5271609.....831 5271808.....615 5271814.....613 5271922.....615 5272011.....821 5272022.....641 70002386.....683, 856 70002410.....653 70002971.....677, 856 70003788.....677, 856 70004280....249, 251 70004511.....856 70005191....249, 251 70005433.....659 70005504....249, 251 70005505....249, 251 70005507....249, 251 70005515....249, 251 70005556....249, 251 70005559....249, 251 70005793.....653 70006596.....659 70007604.....685 70011901....249, 251 70020173....389, 402 70020506...199, 201, 203 70020507...199, 201, 203 70020508...199, 201, 203 70020555.....225 70020724.....145 70020725.....145 70020726.....145 70020728.....145, 146 70020730 . 195, 199, 201, 203 70020731 . 195, 199, 201, 203 70020764 .. 673, 675, 856 70020867 687 70021140 401 70021238 .. 199, 201, 203 70021239 .. 199, 201, 203 70021240 .. 199, 201, 203 70021241 . 195, 199, 201, 203 70021242 . 146, 147, 199, 201, 203 70021243 .. 199, 201, 203 70021244 .. 199, 201, 203 70021245 .. 199, 201, 203 70021246 .. 199, 201, 203 70021247 .. 199, 201, 203 70021248 199, 201 70021251 507 70021252 507 70021314 495, 497 70021316 495, 497 70021317 495 70021318 495 70021319 495, 499 70021320 495 70021321 495, 499 70021322 495 70021323 495, 499 70021324 495, 499 70021325 495, 499 70021326 495, 499 70021327 495, 499 70021328 495, 499 70021329 495 70021330 495, 499 70021342 235 70021349 231, 235 70021387 231, 235 70021415 231, 235 70021504 191, 193 70021531 673, 675 70021558 197 70021559 197 70021560 197 70021561 197 70021562 197 70021563 197 70021613 390, 403 70021835 195 70021836 195 70021838 195 70021839 195 70021840 195 70021841 195 70021842 195 70021843 195 70021921 231, 235 70021935 231, 235 70021977 235 70021978 231, 235 70021979 231, 235 70022010 681 70022028 231, 235 70022034 507 70022527 235 70022528 231, 235 70022529 231, 235 70022563 665 70022564 665 70022697 .. 199, 201, 203 70022765 793, 857 70022821 59, 65 70022822 59 70022823 59, 65 70022824 59 70022825 59 70022826 65 70022906 195 70022907 195 70022912 195 70022922 195 70022923 195 70022924 195 70022925 195 70022927 145, 195 70022928 195 70022929 195 70022930 195 70023179 503 70023181 503 70023182 503 70023184 503 70023186 503 70023189 503 70023276 195 70023277 195 70023278 195 70023369 653 70023370 653 70023371 653 70023372 665 70023380 665 70023484 151 70024059 231, 235 70024107 503, 857 70024168 860 70024186 667 70024189 667 70024201 681 70024306 209 70024307 209 70024436 145, 146 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 70024452 145 70024453 145 70024454 145 70024455 145, 856 70024456 145 70024459.....503 70024480.....249, 251 70024485.....249, 251 70024494.....249, 251 70024495.....249, 251 70024504.....249, 251 70024505.....249, 251 70024509.....249, 251 70024522.....388, 401 70024634.....341 70024635.....363 70024639.....341 70024641.....365, 373 70024642.....341 70024644.....341 70024645.....341 70024646.....365, 373 70024847.....681 70024856.....503 70024857.....503 70024858.....503 70024859.....503, 856 70024861.....503 70024881.....402 70024918.....249, 251 70024920.....249, 251 70024965.....311 70025153...249, 251, 856 70025205.....249, 251 70025360.....361 70025361.....361 70025362.....361 70025363.....361 70025364.....361 70025365.....361 70025366.....361 70025367.....361 70025368.....361 70025369.....361 70025370.....361 70025371.....361 70025372.....361 70025373.....361 70025374.....361 70025375.....361 70025376.....361 70025377.....361 70025378.....361 70025379.....361 70025380.....361 70025382...337, 339, 361 70025383.....337, 339 70025387.....357 70025388.....357 70025389.....357 70025390.....357 70025391.....357 70025392.....337, 339 70025393.....337, 339 70025394.....361 70025397.....337, 339 70025398.....337, 339 70025400.....345 70025401.....345, 349 70025402.....347 70025403.....347 70025404.....347
--

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

70025406	347	70025489	507	70026018	195	70027128	681
70025407	347, 353	70025490	507	70026210	249, 251	70027129	681
70025408	347, 361	70025491	507	70026292	731, 857	70027130	681
70025409	347	70025493	341, 347	70026293	733, 857	70027131	681
70025410	347	70025494 ..	359, 363, 365	70026294	763, 857	70027132	681
70025411	347	70025495	363, 373	70026295	763, 857	70027133	681
70025412	347	70025496 ..	341, 349, 353	70026296	763, 857	70027134	681
70025413	347	70025497 ..	359, 361, 363,	70026297	763, 856	70027135	681
70025414	347	365		70026308	665	70027136	681
70025415	347	70025498 ..	341, 345, 347,	70026313	683	70027141	681
70025416	347	349		70026368	681	70027174	61
70025417	347	70025499	359, 365	70026370	681	70027175	61
70025418	347	70025500	359, 365	70026371	681	70027176	69
70025419	347	70025501	359, 365	70026372	681	70027177	69
70025420	347	70025502	359, 365	70026373	681	70027178	69
70025421	359	70025503	341	70026374	681	70027180	211
70025423	349	70025504 ..	341, 347, 349,	70026375	681	70027199	293
70025424 ..	345, 347, 349	361		70026376	681	70027200	293
70025425	349	70025505	361	70026377	681	70027201	293
70025426	349	70025506	363, 365	70026379	681	70027202	293
70025427	353	70025508	345, 361	70026382	681	70027203	293
70025428	353	70025509	359, 361	70026395	271	70027204	293
70025429 ..	345, 347, 349	70025510	337, 339	70026396	271	70027225	665
70025430	359, 375	70025511	335	70026537	569	70027267	671
70025431	349	70025512	335	70026543	665	70027268	671
70025432 ..	345, 347, 349	70025513	361	70026582	687, 856	70027269	671, 856
70025433 ..	345, 347, 349	70025514	335, 339	70026630	403	70027270	671
70025435	347, 349	70025515	359	70026631	388, 401	70027271	671
70025436	347, 349	70025516	359	70026698	231, 235	70027291	161, 197
70025437 ..	345, 347, 349	70025517	359	70026702	231	70027293	153, 223
70025438 ..	345, 347, 349	70025518	359	70026719	319	70027294	153, 223
70025439 ..	345, 347, 349	70025520	343, 361	70026720	319	70027295	223
70025440 ..	345, 347, 349	70025522	351	70026721	319	70027296	153, 223
70025441	349	70025523	361	70026722	319	70027297	153, 223
70025442	347, 349	70025524 ..	335, 337, 339,	70026723	319	70027298	153, 223
70025443	359	375		70026724	319	70027302	153, 223
70025444	359	70025525 ..	335, 337, 339,	70026725	319	70027315	389, 402
70025445	345	375		70026726	319	70027316	403
70025446	345	70025526	335, 355	70026749	388, 401	70027317	390, 402
70025447	345, 347	70025527	335	70026777	681	70027318	390
70025448	345, 347	70025528	335	70026808	857	70027319	390
70025449	345	70025529	335, 375	70026819	390, 403	70027320	389, 402
70025450	347	70025535	249, 251	70026820	390, 403	70027324	223
70025451	343	70025539	497, 857	70026821	389, 402	70027325	153
70025452	351	70025555	388, 401	70026827	389, 402	70027326	153
70025453	335	70025556	388, 401	70026965	679	70027328 ..	345, 349, 373
70025455	369, 371	70025562 ..	388, 389, 401,	70026966	679	70027331	335
70025456 ..	369, 371, 856	402		70026967	679, 856	70027332	355
70025457	369, 371	70025567	389, 402	70026968	679	70027337	373, 375
70025459	351	70025569	401	70026969	679	70027338	373, 375
70025460	361	70025570	401	70026970	679	70027339 ..	347, 373, 375
70025461	361	70025602	663	70026971	679	70027340	361
70025462	361	70025613	663	70026972	679	70027341	335
70025463	351	70025614	663	70026973	679	70027344	347, 349
70025464	351	70025644	293	70026975	679	70027345	337, 339
70025465	361	70025816	565	70026976	679	70027346	361
70025466	369, 371	70025817	565	70026997	307	70027347	351
70025467	361, 373	70025819	389, 402	70027000	683	70027348	345
70025468	361	70025821	390, 402	70027001	683	70027349	349
70025469	343, 367	70025822	390, 402	70027002	683	70027350	359
70025470	343	70025823	390, 402	70027004	677	70027352	369, 371
70025471	373	70025850	271, 856	70027008	285	70027353	369, 371
70025472	361	70025851	271, 856	70027009	231, 235	70027354	373
70025476	359	70025859	569	70027037	297	70027358	347
70025483	507	70025860	569	70027107	388, 401	70027359	347
70025485	507	70025884	403	70027108	401	70027361	369
70025486	507	70026011	249, 251	70027114	389, 402	70027362	343, 369

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

70027363.....343, 371	70027718.. 331, 333, 347	70028026146	70030251.....389, 402
70027364.....347	70027719.. 331, 333, 351	70028027146	70030264.....389, 402
70027365.....347	70027720.. 331, 333, 343	70028028146, 195	70030274.....389, 402
70027366.....375	70027721 331, 337	70028029146	70030282.....193
70027368.....341	70027723.. 331, 333, 335	70028030146	70030283.....191
70027369.....341	70027724 333, 339	70028031146, 195	70030365.....389, 402
70027370.....341	70027725.. 331, 333, 341	70028032146	70030933.....389, 402
70027371.....341	70027744 665	70028033146	70030943.....685
70027373.....341, 363	70027745 665	70028034146	70030944.....685
70027374.....365	70027773115	70028035146	70030945.....685
70027375.....341, 365	70027774115	70028036146	70030946.....685
70027376.....341, 361	70027775115	70028037146	70030947.....685
70027382.....337	70027776115	70028038146	70030948.....685
70027383.....339	70027777115	70028039146	70030953.....653
70027387...343, 363, 365	70027778115	70028040146	70030954.....653
70027388.....361	70027779115	70028041146	70030955.....653
70027389.....369, 371	70027780115	70028042146	70030956.....653
70027392.....497	70027781115	70028043146	70030957.....653
70027393.....497	70027782115	70028044146	70030958.....653
70027394.....495, 497	70027783115	70028045146	70030992.....388, 401
70027395.....495	70027784115	70028046146	70030994.....389, 402
70027399.....495	70027785115	70028047146	70030997.....663
70027403.....249, 251	70027786115	70028087146	70030998.....663
70027404.....249, 251	70027787115	70028326503	70030999.....663
70027405.....249, 251	70027788115	70028384653	70031000.....390, 403
70027417...249, 251, 856	70027789115	70028392389, 402	70031001.....390, 403
70027595.....667	70027790231	70028436223	70031002.....390, 403
70027596.....675	70027791115	70028468390, 403	70031003.....390, 403
70027600.....613, 685	70027792115	70028471388, 401	70031031..157, 163, 167, 171
70027604.....199, 201	70027793115	70028473389, 402	70031032.....175
70027605.....199, 201	70027794115	70028474389, 402	70031033.....659
70027606...199, 201, 203	70027990145	70028476390, 403	70031034.....659
70027607...199, 201, 203	70027991145	70028477390, 403	70031035.....659
70027608.....203	70027992145	70028536389, 402	70031036.....659
70027631.....207	70027993145	70028537389, 402	70031037.....659
70027657.....249, 251	70027994145	70028546747	70031038.....659
70027658.....203	70027995145, 146	70028733389, 402	70031039.....659
70027660.....367	70027996145	70028868689	70031040.....659
70027661.....355	70027997145, 146	70028869689	70031041.....659
70027663..335, 337, 339, 375	70027998145	70028870689, 856	70031044.....665
70027664.....361	70027999145	70028871689	70031045.....665
70027665.....361	70028000145	70028872689	70031050.....495
70027666.....337, 339	70028001145	70028873689	70031051.....495
70027667.....337, 339	70028002145, 146	70028874689	70031052.....495
70027668.....361	70028003145	70028875689	70031053.....495
70027669.....373	70028004145	70028900683	70031054.....495
70027670.....337	70028005145	70028906388	70031293.....657
70027671.....343	70028006145, 146	70028907390, 403	70031294.....657
70027672.....341	70028007145, 146	70028908390, 403	70031295.....657
70027673.....341	70028008145	70028940388	70031296.....657
70027674.....341	70028009146	70028978195	70031297.....657
70027675.....341	70028010146	70028979195	70050472.....681
70027676.....337, 339	70028011146	70028980195	70050475.....681
70027677.....369, 371	70028012146	70029011161, 197	70050481.....681
70027678.....367	70028013146	70029012197	7012903.....677
70027679.....367	70028014146	70029013197	7012998.....677
70027680.....343	70028015146	70029030681	7016331....249, 251, 856
70027681...345, 347, 349	70028016146	70029820681	7020442.....249, 251
70027682.....337	70028017146	70029869388, 401	7020465.....249, 251
70027702.....659	70028018146	70029992681	7022391.....677
70027707.....335, 357	70028019146	70029993681	7022730.....365
70027711.....335, 359	70028020146	70029994681	7024947.....667
70027714.....335, 361	70028021146	70029995681	7028038.....390
70027715...331, 333, 349	70028022146	70030247390	7028039.....390
70027716...331, 333, 353	70028023146	70030248390	7028043.....401
70027717...331, 333, 345	70028024146	70030249390	7028082.....403
	70028025146	70030250389	

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

7028115 389, 402	7029353 131, 135	80983191... 731, 733, 735,	88662434 617
7028125 151	7029354 131, 135	856	8881800 767
7028126 151	7029355 131, 135	8220043 777	90200003 189
7028127 151, 153, 223	7029356 131, 135, 151	8220050 745	90554016 231, 235
7028128 151	7029357 135	8220051 727	90554019 115
7028129 151	7029427 388, 401	8220097 772	90554020 .. 115, 231, 235
7028130 151	7029428 388, 401	8220098 772	90554042 .. 115, 231, 235
7028131 ... 151, 153, 155,	7029430 389, 402	8220108 772	90554054 .. 115, 231, 235
161, 223	7029432 389, 402	8220114 789	90554067 115
7028132 151	7029486 ... 531, 533, 605,	8220115 771	90554070 115
7028133 151	607, 851	8220124 771	90554080 225
7028134 151	7029520 225	8220375 729	91013191 785
7028135 151	7029521 225	8229234 729, 856	91013192 790
7028136 197	7029692 235	8229242 731, 733, 773,	91043147 327, 329
7028137 197	7029749 151	856	91403193 377
7028621 503	7029767 507	8229244 735, 763, 773,	91474507 . 388, 389, 401,
7028706 ... 388, 389, 401,	7029786 390, 402	856	402
402	7300435 247	8229245 731, 763, 774,	91474512 388, 401
7028733 402	7301893 703, 705	856	91474516 403
7028910 ... 151, 155, 161	77133140 .. 623, 625, 645	8229247 733, 763, 774,	91474522 390, 403
7028911 155, 161	77133168 645	856	91474529 388, 401
7028912 155, 161	77133177 623, 625	8270147 703, 705	91474531 388, 401
7028913 155, 161	8000759 449	8270148 703, 705	91474533 388, 401
7028914 155	8000803 433	8275212 259	91474539 388, 401
7028915 155, 161	8002798 389	8305919 23, 27, 460, 483,	91474547 388, 401
7028916 155, 161	8004398 449	545	91474549 388
7028917 155, 161	8004468 389, 401	8310559 445	91474550 388, 401
7028918 ... 153, 155, 161,	8005079 379	8405006 257, 605, 607,	91474551 388, 401
223	8005827 407	639	91474553 388, 401
7028919 155, 161	8005870 842	8405007 317	91474554 388
7028920 155, 161	8005901 533	8405009 265, 567	91474555 388
7028923 155, 161	8006605 389, 402	8405104 299	91474568 390, 402
7028982 155, 161	8007749 388	8405201 299, 460, 463	91474579 389, 402
7028983 155, 161	8007755 388	8405202 299	91474580 389, 402
7028984 ... 151, 155, 161	8007771 388, 401	8405301 649	91474584 389, 402
7028985 155	8007785 389	8405402 277	91474585 389, 402
7028986 151, 153	8007786 390	8405502 613, 615	91474591 388, 401
7028987 151	8007802 390	8406201 613, 615	91474593 401
7028988 151, 153	8008168 389	8406202 639	91474595 401
7028989 151	8008169 390	8406302 299, 301, 317,	91504107 751
7028990 155, 161	8008175 390, 403	767	91514082 388, 401
7028991 155, 161	80204005 388, 401	8410009 313, 315, 513,	91514098 388, 401
7028995 161	80204065 389, 402	518, 643	91514099 389, 403
7029124 151	80204071 388, 401	8410011 277	91514117 389
7029131 388, 401	80204117 .. 389, 402, 403	8410013 257, 283, 313,	91514134 388, 401
7029344 131, 135	80233218 643	315	91514146 388, 401
7029345 131, 133	80264002 495, 497	8420231 299	91514147 388, 401
7029346 131, 133	80264004 495, 497	8430032 637	91514148 388, 401
7029347 131, 133	80333151 639	8430033 637	91514154 390, 402
7029348 131, 133	8034697 681	8466306 457	91514188 . 388, 389, 401,
7029349 131, 133	80363195 453	8760550 71	402
7029350 131, 133	8036580 677	8769124 623, 625	91514189 389, 402
7029351 131, 133	80604017 751	8770143 71	AU2105 842
7029352 131, 133	80963067 772	8770167 621	



***Corporate Office
JLG Industries, Inc.
1 JLG Drive
McConnellsburg, PA 17233-9533 USA
☎ (717) 485-5161 (Corporate)
☎ (833) 554-3276 (Customer Support)
farm@jlg.com (Customer Support)***

***Visit our website for JLG Worldwide Locations.
www.jlgagriculture.com***



OSHKOSH™