



Illustrated Parts Manual

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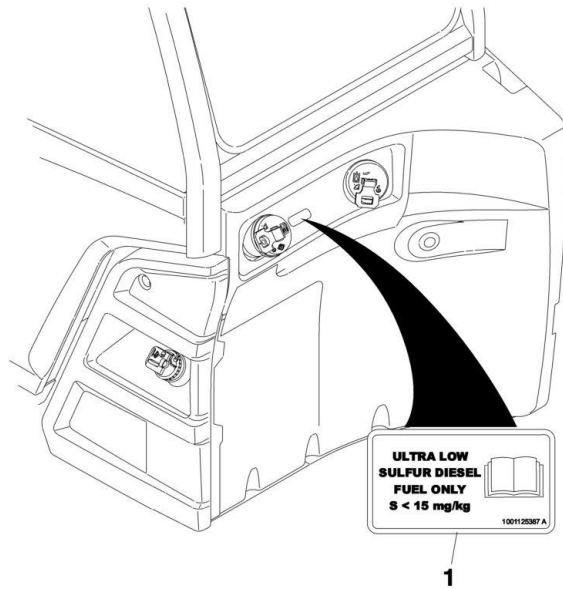
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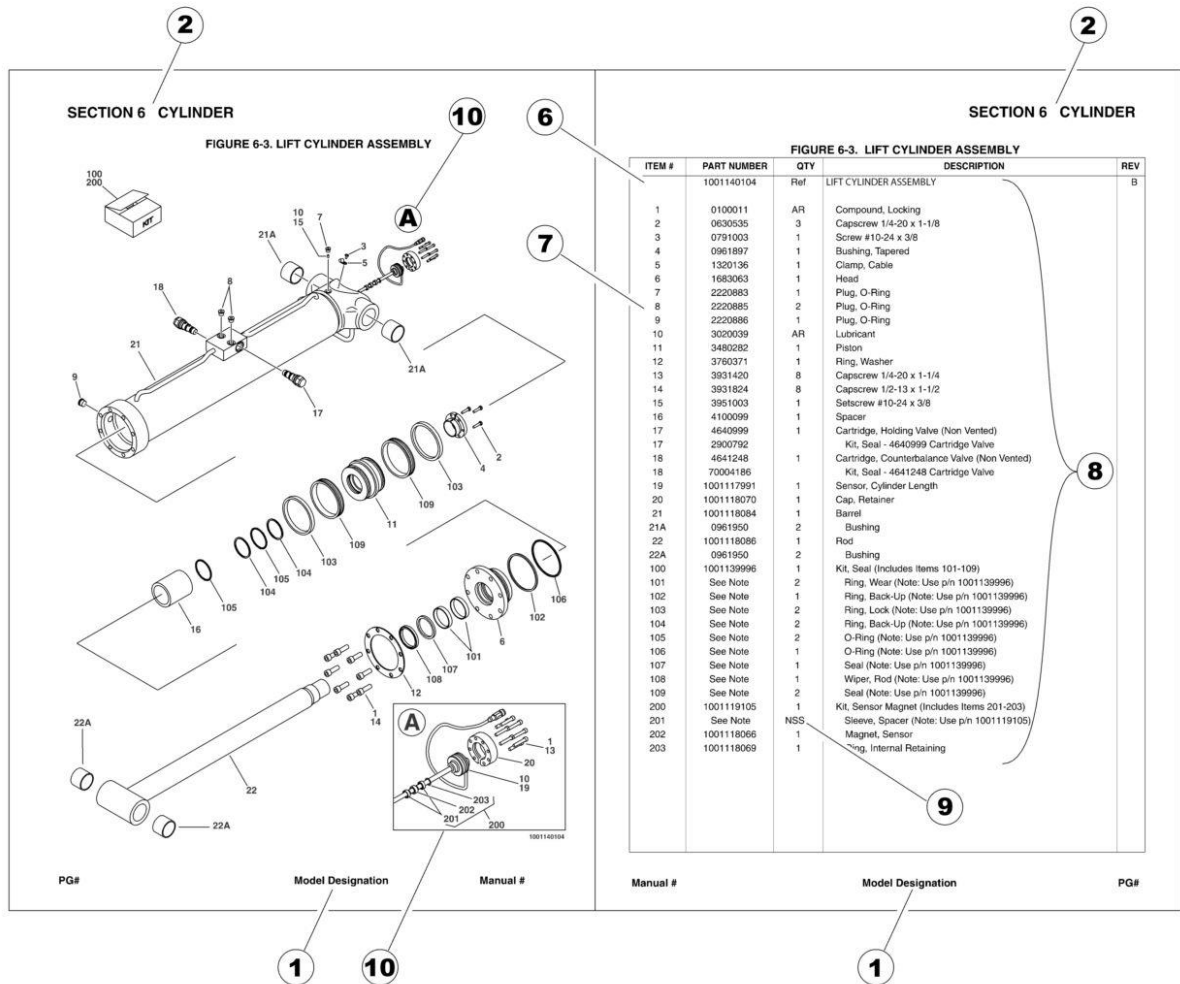
Machine Configuration

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
FIGURE 1-34. GROUND STRAP INSTALLATION.....	84
SECTION 2 - BOOM	87
FIGURE 2-1. BOOM PINNING INSTALLATION.....	88
FIGURE 2-2. LIFT CYLINDER PINNING INSTALLATION	90
FIGURE 2-3. COMPENSATION CYLINDER PINNING INSTALLATION.....	92
FIGURE 2-4. BOOM PIVOT INSTALLATION	94
FIGURE 2-5. BOOM ASSEMBLY	96
FIGURE 2-6. FIRST BOOM SECTION ASSEMBLY.....	98
FIGURE 2-7. SECOND BOOM SECTION ASSEMBLY.....	100
FIGURE 2-8. THIRD BOOM SECTION ASSEMBLY	102

TABLE OF CONTENTS

FIGURE 2-9. LINK ASSEMBLY	104
FIGURE 2-10. LEVER ASSEMBLY.....	106
FIGURE 2-11. MANUAL QUICK COUPLER INSTALLATION.....	108
FIGURE 2-12. HYDRAULIC QUICK COUPLER INSTALLATION.....	110
FIGURE 2-13. BOOM PROP INSTALLATION	112
FIGURE 2-14. BOOM BRUSHES INSTALLATION.....	114
SECTION 3 - ATTACHMENTS.....	117
FIGURE 3-1. AUGER COUPLING	118
FIGURE 3-2. AUGER BIT (6INX4IN)	120
FIGURE 3-3. AUGER BIT (9INX4IN)	122
FIGURE 3-4. AUGER BIT (12INX4IN)	124
FIGURE 3-5. AUGER BIT (15INX4IN)	126
FIGURE 3-6. AUGER BIT (18INX4IN)	128
FIGURE 3-7. AUGER BIT (24INX4IN)	130
FIGURE 3-8. AUGER BIT (36INX4IN)	132
FIGURE 3-9. BALE HANDLER (TUBE CLAMP).....	134
FIGURE 3-10. BALE HANDLER KIT (TUBE CLAMP).....	136
FIGURE 3-11. BALE HANDLER (SPIKE CLAMP)	138
FIGURE 3-12. BALE HANDLER KIT (SPIKE CLAMP).....	140
FIGURE 3-13. BASKET PERSONNEL (1.2MX2.4M) (DOMESTIC)	142
FIGURE 3-14. BASKET PERSONNEL (1.2MX2.4M) (FRENCH LANGUAGE).....	144
FIGURE 3-15. BASKET PERSONNEL (1.2MX2.4M) (ISO)	146
FIGURE 3-16. BASKET PERSONNEL (FORK MOUNTED)	148
FIGURE 3-17. BUCKET (CONCRETE).....	150
FIGURE 3-18. BUCKET (DIRT)	154
FIGURE 3-19. BUCKET (GRAPPLE MULTI-PURPOSE)	156
FIGURE 3-20. BUCKET (MANURE GRAPPLE)	158
FIGURE 3-21. BUCKET(0.6 M ³) (MULTI-PURPOSE 4 IN 1)	160
FIGURE 3-22. BUCKET(1 M ³) (GENERAL PURPOSE).....	162
FIGURE 3-23. BUCKET(1 M ³) (MULTI-PURPOSE 4 IN 1)	164
FIGURE 3-24. BUCKET (1.5 M ³) (GENERAL PURPOSE).....	166
FIGURE 3-25. BUCKET (2 M ³) (GENERAL PURPOSE).....	168
FIGURE 3-26. BUCKET (2.5 M ³) (GENERAL PURPOSE).....	170
FIGURE 3-27. BUCKET (3 M ³) (GENERAL PURPOSE).....	172
FIGURE 3-28. BUCKET FRONT GUARD	174
FIGURE 3-29. BUCKET TEETH KIT	176
FIGURE 3-30. CARRIAGE ASSEMBLY (1225MM)	178
FIGURE 3-31. CARRIAGE ASSEMBLY (1524MM)	180
FIGURE 3-32. CARRIAGE ASSEMBLY (1829MM)	182
FIGURE 3-33. CARRIAGE ASSEMBLY - SIDE TILTING (4.5 TON - 1225 MM)	184
FIGURE 3-34. CARRIAGE ASSEMBLY - SIDE TILTING (4.0 TON - 1575 MM)	186
FIGURE 3-35. CARRIAGE ASSEMBLY - SID TILTING (4.0 TON - 1829 MM).....	188
FIGURE 3-36. CARRIAGE ASSEMBLY - SIDE SHIFT (4.0 TON - 1225 MM).....	190
FIGURE 3-37. CARRIAGE ASSEMBLY - FORK POSITIONING (4.0 TON	192
FIGURE 3-38. CARRIAGE ASSEMBLY - FEM CARRIAGE AND FORKS	194

TABLE OF CONTENTS

FIGURE 3-39. FORK - LUMBER (45X150X1540)	196
FIGURE 3-40. FORK - LUMBER (50X150X1830)	198
FIGURE 3-41. FORK - PALLET (50X100X1200)	200
FIGURE 3-42. FORK - PALLET (50X100X1200) (CE & AUS WITH SIDE SHIFT CARRIAGE) (4.0 TON - 1225MM)	202
FIGURE 3-43. FORK - PALLET (50X120X1200)	204
FIGURE 3-44. FORK - PALLET (60X125X1220)	206
FIGURE 3-45. FORK - MUCK WITH GRAB	208
FIGURE 3-46. FORK - DUAL TINE BAILING WITH CARRIAGE	210
FIGURE 3-47. FORK _ EXTENSIONS (62X163X2286) (ANSI)	212
FIGURE 3-48. HOOK_CRANE (FORK MOUNTED).....	214
FIGURE 3-49. TRASH HOPPER INSTALLATION	216
FIGURE 3-50. TRUSS BOOM (0.9 TON - 12 FT WITH WINCH)	218
FIGURE 3-51. TRUSS BOOM (1 TON - 3.4M)	220
FIGURE 3-52. TRUSS BOOM (1.8 TON - 3 FT WITH WINCH)	222
FIGURE 3-53. TRUSS BOOM (4 TON - 2.1M)	224
SECTION 4 - ENGINE AND ATTACHING PARTS	227
FIGURE 4-1. ENGINE INSTALLATION (90KW - ULS - PISTON PUMP).....	228
FIGURE 4-2. ENGINE INSTALLATION (100KW - ULS - PISTON PUMP).....	230
FIGURE 4-3. ENGINE MOUNTING INSTALLATION (90KW/100KW).....	232
FIGURE 4-4. 3.6L ENGINE (90KW - ULS - PISTON PUMP)	234
FIGURE 4-5. 3.6L ENGINE (100KW - ULS - PISTON PUMP)	236
FIGURE 4-6. ENGINE ECU INSTALLATION (ULS)	238
FIGURE 4-7. BRACKET GUARD INSTALLATION.....	240
FIGURE 4-8. FUEL LINES INSTALLATION (ULS - RHOC)	242
FIGURE 4-9. EXHAUST INSTALLATION (ULS)	244
FIGURE 4-10. DEF TANK INSTALLATION (ULS).....	246
FIGURE 4-11. DEF TANK ASSEMBLY (ULS).....	248
FIGURE 4-12. DEF LINES INSTALLATION (ULS).....	250
FIGURE 4-13. DEF CONTROL MODULE INSTALLATION (ULS)	252
FIGURE 4-14. AIR CLEANER INSTALLATION (90/100KW).....	254
FIGURE 4-15. AIR CLEANER ASSEMBLY (90/100KW).....	256
FIGURE 4-16. PRE-AIR CLEANER ACCESSORY	258
FIGURE 4-17. AIR INTAKE RAIN CAP ACCESSORY	260
FIGURE 4-18. AIR INTAKE LINES INSTALLATION (90/100KW - ULS)	262
FIGURE 4-19. COOLING PACKAGE INSTALLATION (90KW - ULS).....	264
FIGURE 4-20. COOLING FAN INSTALLATION	266
FIGURE 4-21. FAN LINES INSTALLATION (90KW)	268
FIGURE 4-22. FAN DRIVE MOTOR (NO RHOC)	270
FIGURE 4-23. FUEL FILTER & PUMP INSTALLATION	272
FIGURE 4-24. REMOTE FUEL PUMP INSTALLATION (74.4KW).....	274
FIGURE 4-25. COOLER INSTALLATION (90KW)	276
FIGURE 4-26. RADIATOR COOLING PACKAGE (90KW).....	278
FIGURE 4-27. REMOTE HOC INSTALLATION	280
FIGURE 4-28. FAN DRIVE MOTOR (RHOC).....	282
FIGURE 4-29. COOLANT LINES INSTALLATION (ULS).....	284

TABLE OF CONTENTS

FIGURE 4-30. COOLER LINES INSTALLATION (90KW).....	286
FIGURE 4-31. CAC LINES INSTALLATION (ULS)	288
FIGURE 4-32. SURGE TANK INSTALLATION	290
FIGURE 4-33. TANK EXPANSION	292
FIGURE 4-34. BULKHEAD INSTALLATION	294
FIGURE 4-35. HYDRAULIC PUMP INSTALLATION (90KW)	296
FIGURE 4-36. HEATER LINES INSTALLATION (ULS)	298
FIGURE 4-37. HEATER LINES WITH BLOCK HEATER INSTALLATION (ULS)	300
FIGURE 4-38. BLOCK HEATER INSTALLATION (120V - LS)	302
FIGURE 4-39. BLOCK HEATER (LS)	304
FIGURE 4-40. A/C PUMP INSTALLATION	306
FIGURE 4-41. A/C LINES INSTALLATION	308
SECTION 5 - DRIVE TRAIN	311
FIGURE 5-1. DRIVETRAIN INSTALLATION	312
FIGURE 5-2. FRONT AXLE INSTALLATION.....	314
FIGURE 5-3. FRONT AXLE ASSEMBLY	316
FIGURE 5-4. REAR AXLE INSTALLATION	326
FIGURE 5-5. REAR AXLE ASSEMBLY	328
FIGURE 5-6. DRIVE SHAFTS INSTALLATION	338
FIGURE 5-7. REMOTE GREASE SYSTEM INSTALLATION	340
FIGURE 5-8. AXLE SHIM INSTALLATION	342
FIGURE 5-9. TRANSMISSION INSTALLATION (6 SPD - 90KW)	344
FIGURE 5-10. TRANSMISSION INSTALLATION (6 SPD - 97KW)	346
FIGURE 5-11. TRANSMISSION (6 SPD - 90KW).....	348
FIGURE 5-12. TRANSMISSION (6 SPD - HHP - 97KW)	350
FIGURE 5-13. PLANETARY CASE AND PARTS GROUP	352
FIGURE 5-14. TORQUE CONVERTER GROUP	354
FIGURE 5-15. TORQUE CONVERTER GROUP	356
FIGURE 5-16. TRANSFER GEAR AND CASE GROUP	358
FIGURE 5-17. TRANSMISSION HYDRAULIC CONTROL GROUP	360
FIGURE 5-18. INPUT SHAFT GROUP	362
FIGURE 5-19. TRANSMISSION CLUTCH GROUP	364
FIGURE 5-20. CLUTCH AND GEAR GROUP	366
FIGURE 5-21. TRANSMISSION PUMP GROUP	368
FIGURE 5-22. OUTPUT SHAFT GROUP	370
FIGURE 5-23. SPEED SENSOR	372
FIGURE 5-24. IDLER GEAR	374
FIGURE 5-25. REAR TRANSMISSION CASE.....	376
FIGURE 5-26. PLANETARY CASE.....	378
FIGURE 5-27. FRONT TRANSFER CASE	380
FIGURE 5-28. REAR TRANSFER CASE.....	382
FIGURE 5-29. RELIEF VALVE	384
FIGURE 5-30. SOLENOID VALVE	386
FIGURE 5-31. SOLENOID VALVE	388
FIGURE 5-32. FRONT TRANSMISSION CASE ASSEMBLY	390

TABLE OF CONTENTS

FIGURE 5-33. REAR TRANSMISSION CASE ASSEMBLY	392
FIGURE 5-34. TIRE/WHEEL SET (AIR - 460/70 R24 XMCL)	394
FIGURE 5-35. TIRE/WHEEL SET (AIR - 500/70 R24 XMCL)	396
FIGURE 5-36. FENDER INSTALLATION.....	398
FIGURE 5-37. FENDER ASSEMBLY (RR-RH)	400
FIGURE 5-38. FENDER ASSEMBLY (RR-LH).....	402
FIGURE 5-39. FENDER ASSEMBLY (FRT-RH)	404
FIGURE 5-40. FENDER ASSEMBLY (FRT-LH).....	406
SECTION 6 - CAB.....	409
FIGURE 6-1. CAB MOUNTS INSTALLATION.....	410
FIGURE 6-2. ENCLOSED CAB INSTALLATION.....	412
FIGURE 6-3. ENCLOSED CAB ASSEMBLY	414
FIGURE 6-4. ENCLOSED CAB GROUP	416
FIGURE 6-5. ENCLOSED CAB	418
FIGURE 6-6. DOOR INSTALLATION	420
FIGURE 6-7. DOOR UPPER GLASS ASSEMBLY	422
FIGURE 6-8. CAB LATCH ASSEMBLY.....	424
FIGURE 6-9. CAB DOOR TRIGGER ASSEMBLY	426
FIGURE 6-10. DOOR ASSEMBLY (AG)	428
FIGURE 6-11. CAB DOOR	430
FIGURE 6-12. DOOR STRAP INSTALLATION.....	432
FIGURE 6-13. REAR WINDOW INSTALLATION	434
FIGURE 6-14. REAR WINDOW ASSEMBLY	436
FIGURE 6-15. ENCLOSED CAB PLUG GROUP	438
FIGURE 6-16. INTERIOR MIRROR INSTALLATION	440
FIGURE 6-17. FRONT WIPER INSTALLATION.....	442
FIGURE 6-18. LEVEL INDICATOR INSTALLATION.....	444
FIGURE 6-19. ENCLOSED CAB TRIM INSTALLATION.....	446
FIGURE 6-20. DASH COVER ASSEMBLY	450
FIGURE 6-21. REAR PANEL COVER ASSEMBLY	452
FIGURE 6-22. ADJUSTABLE ARMREST INSTALLTION (Prior to SN 0160112883).....	454
FIGURE 6-23. ADJUSTABLE ARMREST INSTALLTION (SN 0160112883 to Present)	456
FIGURE 6-24. ARMREST	458
FIGURE 6-25. FIXED ARMREST BRACKET	460
FIGURE 6-26. MOVING ARMREST BRACKET	462
FIGURE 6-27. BEACON TERMINAL INSTALLATION	464
FIGURE 6-28. WASHER HOSES INSTALLATION	466
FIGURE 6-29. HAMMER INSTALLATION.....	468
FIGURE 6-30. HAMMER ATTACHMENT ASSEMBLY	470
FIGURE 6-31. FRONT COVER INSTALLATION	472
FIGURE 6-32. FILTER TRAY PANEL	474
FIGURE 6-33. FRONT DUCT COVER	476
FIGURE 6-34. WASHER TANK INSTALLATION	478
FIGURE 6-35. WASHER BOTTLE	480
FIGURE 6-36. SEAT INSTALLATION (AIR SUSPENSION - STANDARD) (Prior to SN 0160112883).....	482

TABLE OF CONTENTS

FIGURE 6-37. SEAT INSTALLATION (AIR SUSPENSION - STANDARD) (SN 0160112883 to Present).....	484
FIGURE 6-38. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD) (Prior to SN 0160112883).....	486
FIGURE 6-39. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD) (SN 0160112883 to Present).....	488
FIGURE 6-40. UPPER SEAT ASSEMBLY.....	490
FIGURE 6-41. SUSPENSION KIT	492
FIGURE 6-42. SEAT INSTALLATION (PREMIUM).....	494
FIGURE 6-43. SEAT ASSEMBLY (AIR SUSPENSION - PREMIUM)	496
FIGURE 6-44. SEAT INSTALLATION (MECHANICAL)	498
FIGURE 6-45. SEAT ASSEMBLY	500
FIGURE 6-46. SEAT BELT INSTALLATION (2IN).....	502
FIGURE 6-47. SEAT BELT INSTALLATION (3IN).....	504
FIGURE 6-48. HEATER INSTALLATION.....	506
FIGURE 6-49. HEATER ASSEMBLY	508
FIGURE 6-50. HEATER AND A/C INSTALLATION	510
FIGURE 6-51. CAB CONDENSER ASSEMBLY	514
FIGURE 6-52. CONDENSER.....	516
FIGURE 6-53. A/C RECEIVER DRIER	518
FIGURE 6-54. HEATER AND A/C ASSEMBLY	520
FIGURE 6-55. ROOF WIPER INSTALLATION	522
FIGURE 6-56. HEADLINER INSTALLATION.....	524
FIGURE 6-57. HEADLINER/ RADIO READY INSTALLATION	526
FIGURE 6-58. CAB GUARD INSTALLATION (TOP)	528
FIGURE 6-59. CAB GUARD INSTALLATION (FRONT)	530
FIGURE 6-60. CAB GUARD INSTALLATION (TOP AND FRONT)	532
FIGURE 6-61. COMMON CAB TRIM INSTALLATION	534
FIGURE 6-62. CAB TRIM INSTALLATION	536
FIGURE 6-63. ROOF CAP INSTALLATION (A/C)	538
FIGURE 6-64. ROOF CAP INSTALLATION (NO A/C).....	540
FIGURE 6-65. FRONT NOSE CONE INSTALLATION (SIDELIGHT)	542
FIGURE 6-66. RETRACTABLE SUNSCREEN INSTALLATION.....	544
FIGURE 6-67. CAB STEP INSTALLATION	546
FIGURE 6-68. FLOOR MAT INSTALLATION	548
FIGURE 6-69. EXTERNAL WINDOW RELEASE INSTALLATION (ANSI)	550
FIGURE 6-70. EXTERNAL WINDOW RELEASE INSTALLATION (CAN)	552
SECTION 7 - CONTROLS.....	555
FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION.....	556
FIGURE 7-2. ACCELERATOR PEDAL	558
FIGURE 7-3. BRAKE PEDAL INSTALLATION	560
FIGURE 7-4. BRAKE PEDAL.....	562
FIGURE 7-5. BRAKE PEDAL PLATE	564
FIGURE 7-6. BRAKE SENSOR INSTALLATION	566
FIGURE 7-7. SWITCH PLATE ASSEMBLY	568
FIGURE 7-8. PARKING BRAKE INSTALLATION (CABLE - STANDARD).....	570
FIGURE 7-9. PARKING BRAKE COVER (MECHANICAL)	572
FIGURE 7-10. PARKING CABLE ASSEMBLY (MECHANICAL).....	574

TABLE OF CONTENTS

FIGURE 7-11. STEERING WHEEL INSTALLATION.....	576
FIGURE 7-12. STEERING WHEEL.....	578
FIGURE 7-13. STEERING COLUMN INSTALLATION.....	580
FIGURE 7-14. HORN INSTALLATION.....	582
FIGURE 7-15. HORN BUTTON INSTALLATION.....	584
FIGURE 7-16. JOYSTICK INSTALLATION.....	586
FIGURE 7-17. WIPER-TURN SWITCH (0 SPEED - FNR).....	588
FIGURE 7-18. WIPER-TURN SWITCH (NO SPEED).....	590
SECTION 8 - HYDRAULIC CIRCUITS.....	593
FIGURE 8-1. COMMON HYDRAULICS INSTALLATION.....	594
FIGURE 8-2. AUXILIARY HYDRAULICS INSTALLATION - REAR (TWIN).....	598
FIGURE 8-3. AUXILIARY HYDRAULICS INSTALLATION - REAR (SINGLE).....	600
FIGURE 8-4. BOOM HYDRAULIC INSTALLATION.....	602
FIGURE 8-5. BOOM LINES INSTALLATION.....	604
FIGURE 8-6. BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL).....	606
FIGURE 8-7. BOOM RAISE HOSES INSTALLATION (WITH RIDE CONTROL).....	608
FIGURE 8-8. BRAKE LINES INSTALLATION.....	610
FIGURE 8-9. BRAKE INSTALLATION – TRAILER.....	612
FIGURE 8-10. BRAKE ACCUMULATOR LINES INSTALLATION (WITHOUT SAHR).....	614
FIGURE 8-11. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - TWIN).....	616
FIGURE 8-12. COUPLER (HYDRAULIC) LINES INSTALLATION (FRONT BOOM - SINGLE).....	618
FIGURE 8-13. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - TWIN).....	620
FIGURE 8-14. COUPLER (MANUAL) LINES INSTALLATION (FRONT BOOM - SINGLE).....	622
FIGURE 8-15. LIFT CYLINDER INSTALLATION.....	624
FIGURE 8-16. MAIN CONTROL VALVE INSTALLATION.....	626
FIGURE 8-17. MAIN HYDRAULIC PUMP INSTALLATION.....	628
FIGURE 8-18. IMPLEMENT PUMP INSTALLATION.....	630
FIGURE 8-19. PRIORITY LINES INSTALLATION.....	632
FIGURE 8-20. PRIORITY VALVE INSTALLATION.....	634
FIGURE 8-21. RETURN LINES INSTALLATION.....	636
FIGURE 8-22. STEERING LINES INSTALLATION.....	638
FIGURE 8-23. STEER SELECT VALVE INSTALLATION.....	640
FIGURE 8-24. SUCTION LINES INSTALLATION.....	642
SECTION 9 - HYDRAULIC COMPONENTS.....	645
FIGURE 9-1. BOOM HOSE AND HARNESS ASSEMBLY.....	646
FIGURE 9-2. CYLINDER ASSEMBLY - COMPENSATION.....	648
FIGURE 9-3. CYLINDER SUB-ASSEMBLY - COUPLER LOCKING.....	650
FIGURE 9-4. CYLINDER ASSEMBLY - COUPLER LOCKING.....	652
FIGURE 9-5. CYLINDER ASSEMBLY - EXTEND/RETRACT (TELESCOPE) (INNER).....	654
FIGURE 9-6. CYLINDER SUB-ASSEMBLY - EXTEND/RETRACT (TELESCOPE) (OUTER).....	656
FIGURE 9-7. CYLINDER ASSEMBLY - EXTEND/RETRACT (TELESCOPE) (OUTER).....	658
FIGURE 9-8. CYLINDER ASSEMBLY - LIFT.....	660
FIGURE 9-9. CYLINDER ASSEMBLY - TILT.....	662
FIGURE 9-10. IMPLEMENT PUMP.....	664

TABLE OF CONTENTS

FIGURE 9-11. VALVE SUB-ASSEMBLY - DIVERTOR (HI-FLOW)	666
FIGURE 9-12. VALVE ASSEMBLY - DIVERTOR	668
FIGURE 9-13. VALVE ASSEMBLY - DIVERTOR	670
FIGURE 9-14. VALVE ASSEMBLY - DIVERTOR	672
FIGURE 9-15. VALVE ASSEMBLY - FAN MOTOR CONTROL.....	674
FIGURE 9-16. VALVE ASSEMBLY - HYDRAULIC HITCH CONTROL VALVE	676
FIGURE 9-17. VALVE ASSEMBLY - MAIN CONTROL	678
FIGURE 9-18. VALVE ASSEMBLY - PRIORITY FLOW MANIFOLD	680
FIGURE 9-19. VALVE ASSEMBLY - RIDE CONTROL.....	682
FIGURE 9-20. VALVE ASSEMBLY - STEERING SELECT VALVE	684
FIGURE 9-21. VALVE ASSEMBLY - TRAILER BRAKE	686
SECTION 10 - ELECTRICAL.....	689
FIGURE 10-1. 832 ELECTRICAL LAYOUT	690
FIGURE 10-2. BATTERY INSTALLATION (STANDARD).....	700
FIGURE 10-3. BATTERY INSTALLATION (DUAL).....	702
FIGURE 10-4. BEACON/STROBE INSTALLATION	704
FIGURE 10-5. BOOM HARNESS INSTALLATION	706
FIGURE 10-6. BOOM HARNESS	708
FIGURE 10-7. BOOM RETRACT SENSOR INSTALLATION	710
FIGURE 10-8. BOOM ANGLE SENSOR INSTALLATION	712
FIGURE 10-9. CAB ELECTRICAL INSTALLATION.....	714
FIGURE 10-10. CAB ELECTRICAL INSTALLATION.....	716
FIGURE 10-11. CAB HARNESS.....	718
FIGURE 10-12. CAB HARNESS.....	720
FIGURE 10-13. CAB STANDARD ELECTRICAL BOARD ASSEMBLY	726
FIGURE 10-14. CAB OPTION 1 ELECTRICAL BOARD ASSEMBLY.....	728
FIGURE 10-15. CAB OPTION 2 ELECTRICAL BOARD ASSEMBLY.....	730
FIGURE 10-16. CAB OPTION HARNESS	732
FIGURE 10-17. DASH ELECTRICS INSTALLATION (ULS).....	734
FIGURE 10-18. CAB HEATER HARNESS INSTALLATION	736
FIGURE 10-19. CAB HEATER HARNESS	738
FIGURE 10-20. CAB HVAC ACTUATOR HARNESS	740
FIGURE 10-21. CAB HVAC ACTUATOR HARNESS	742
FIGURE 10-22. CAB - MULTIFUNCTION DISPLAY INSTALLATION	744
FIGURE 10-23. CAB SEAT ADAPTOR HARNESS (PREMIUM SEAT).....	746
FIGURE 10-24. CLEARSKY 4G CANBUS INSTALLATION	748
FIGURE 10-25. DECLUTCH SWITCH INSTALLATION.....	750
FIGURE 10-26. ELECTRICAL COMPONENTS INSTALLATION	752
FIGURE 10-27. ELECTRICAL POWER DISTRIBUTION ELECTRICAL BOX	754
FIGURE 10-28. ELECTRICAL RELAY INSTALLATION - 200 AMP	756
FIGURE 10-29. ENGINE WIRING INSTALLATION (ULS).....	758
FIGURE 10-30. ENGINE HARNESS (ULS)	760
FIGURE 10-31. ENGINE FUEL PUMP HARNESS	768
FIGURE 10-32. ENGINE GLOW PLUG RELAY HARNESS	770
FIGURE 10-33. ENGINE SPEED SET SWITCH INSTALLATION	772

TABLE OF CONTENTS

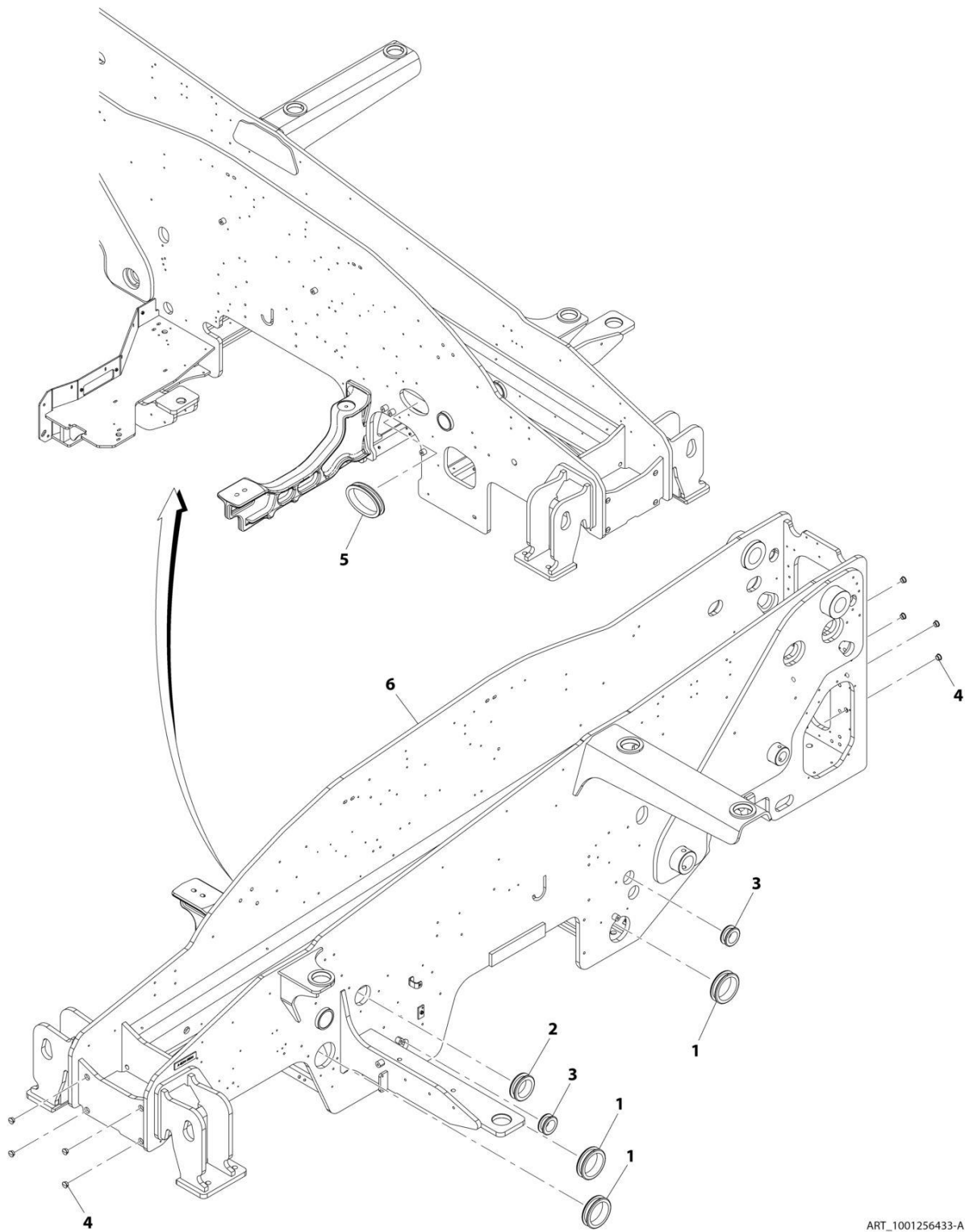
FIGURE 10-34. FRAME MAIN ELECTRICAL INSTALLATION	774
FIGURE 10-35. FRAME HARNESS - FRONT.....	776
FIGURE 10-36. FRAME HARNESS - REAR	780
FIGURE 10-37. IGNITION SWITCH INSTALLATION.....	784
FIGURE 10-38. LIGHTS - DIP LIGHTS INSTALLATION (RH)	786
FIGURE 10-39. LIGHTS - LICENSE PLATE LAMP INSTALLATION	788
FIGURE 10-40. LIGHTS - LICENSE PLATE LAMP HARNESS	790
FIGURE 10-41. LIGHTS - NO ROADLIGHTS INSTALLATION.....	792
FIGURE 10-42. LIGHTS - WORKLIGHTS INSTALLATION (BOOM MOUNTED)	794
FIGURE 10-43. LIGHTS - WORKLIGHTS INSTALLATION - LED (BOOM MOUNTED).....	796
FIGURE 10-44. LIGHTS - WORKLIGHTS HARNESS (BOOM MOUNTED LIGHTS)	798
FIGURE 10-45. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (NO A/C)	800
FIGURE 10-46. LIGHTS - WORKLIGHTS INSTALLATION - LED (CAB MOUNTED) (NO A/C).....	802
FIGURE 10-47. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (WITH A/C)	804
FIGURE 10-48. LIGHTS - WORKLIGHTS INSTALLATION -LED (CAB MOUNTED) (WITH A/C)	806
FIGURE 10-49. LSI SENSOR INSTALLATION	808
FIGURE 10-50. LSI DISPLAY INSTALLATION	810
FIGURE 10-51. LSI SENSOR INSTALLATION	812
FIGURE 10-52. LSI SWITCH INSTALLATION	814
FIGURE 10-53. LSI SENSOR COVER INSTALLATION	816
FIGURE 10-54. REVERSE ALARM INSTALLATION	818
FIGURE 10-55. REVERSE CAMERA INSTALLATION	820
FIGURE 10-56. REVERSE SENSING INSTALLATION	822
FIGURE 10-57. REVERSE SENSING HARNESS.....	824
FIGURE 10-58. TELEMATICS CLEARSKY CAN 4WARD HARNESS.....	826
FIGURE 10-59. TELEMATICS ADAPTER HARNESS	828
FIGURE 10-60. TELEMATICS READY INSTALLATION.....	830
FIGURE 10-61. TELEMATICS READY HARNESS	832
FIGURE 10-62. TRAILER ELECTRICS INSTALLATION	834
FIGURE 10-63. 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. CLEARSKY DECAL INSTALLATION.....	852
FIGURE 11-7. TRIANGLE INSTALLATION - SLOW MOVING VEHICLE	854
SECTION 12 - RECOMMENDED SERVICE PARTS STOCK	857
FIGURE 12-1. RECOMMENDED SERVICE PARTS STOCK	858
SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS	861
FIGURE 13-1. SPECIAL OPTIONS/ACCESSORIES/KITS	862
PART NUMBER INDEX	863

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

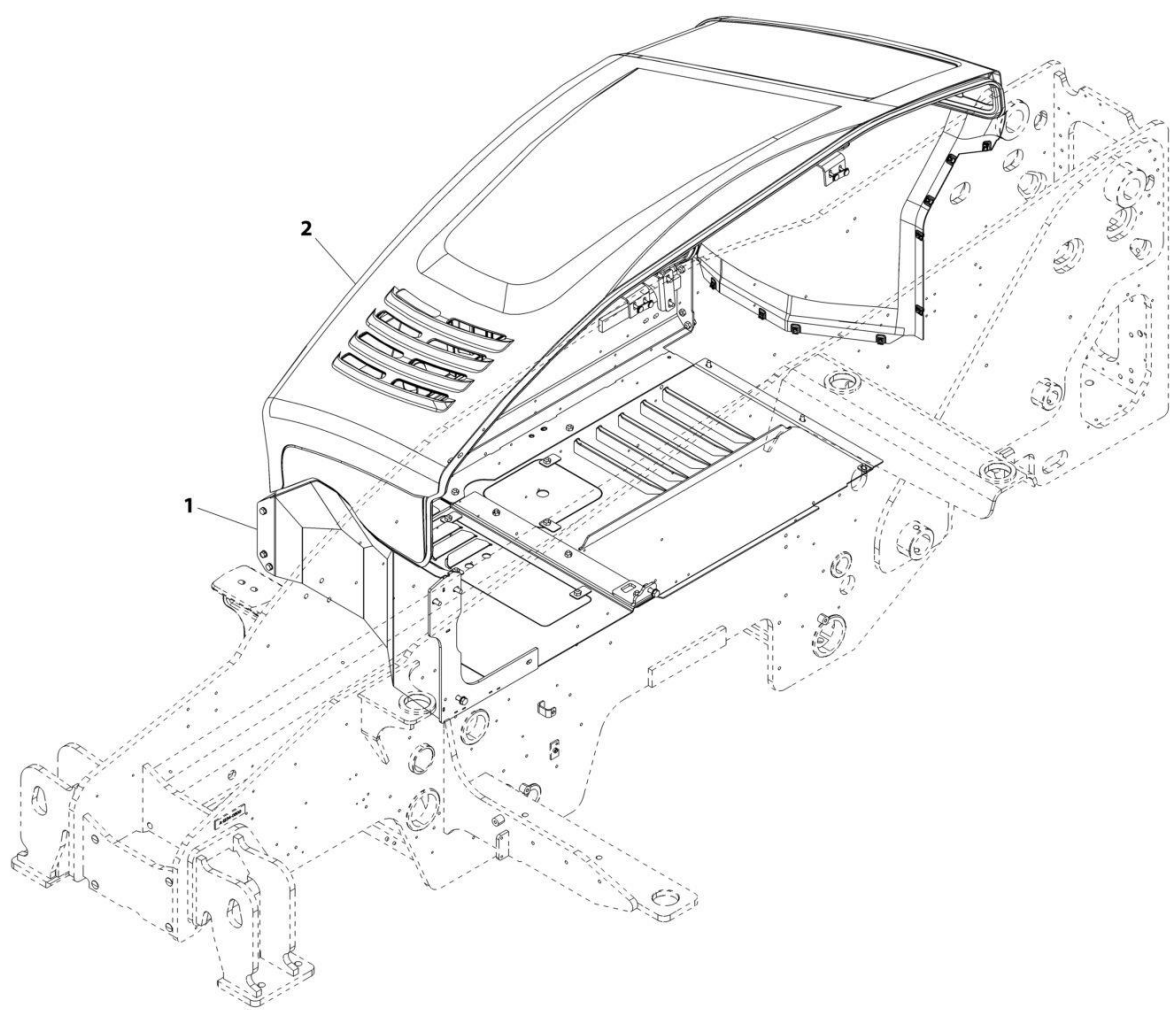
SECTION 1 - FRAME AND ATTACHING PARTS

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

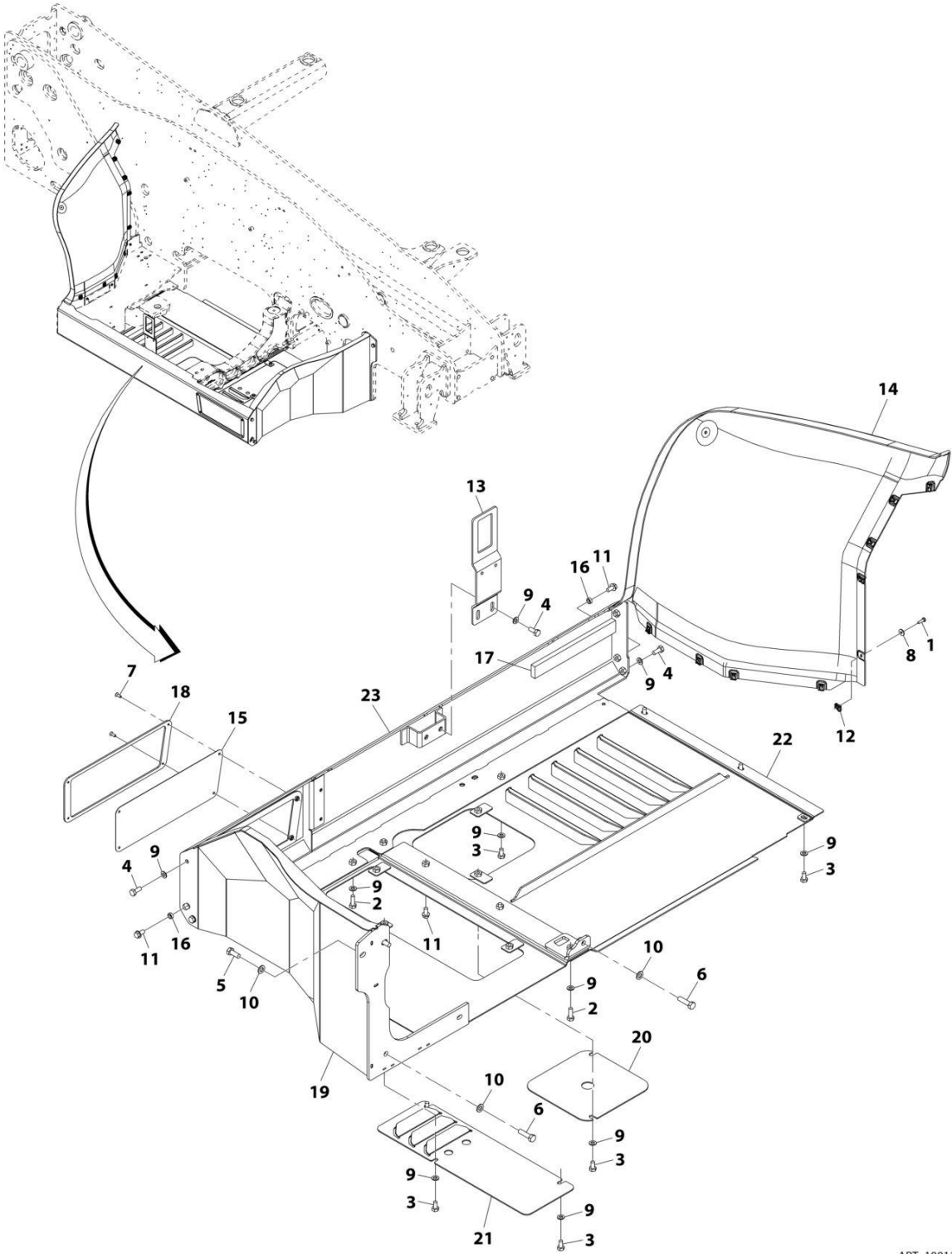
SECTION 1 - FRAME AND ATTACHING PARTS

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

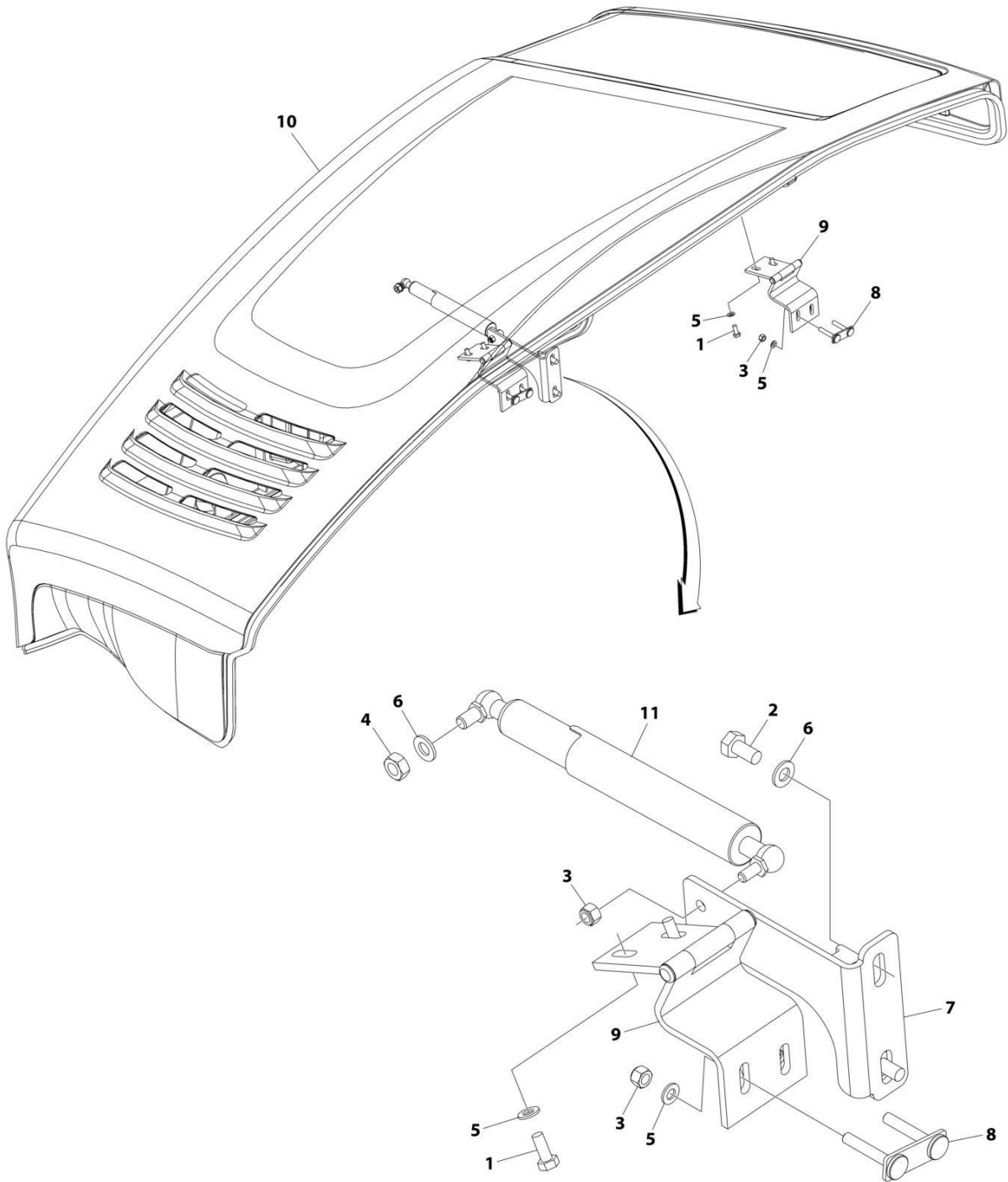
SECTION 1 - FRAME AND ATTACHING PARTS

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

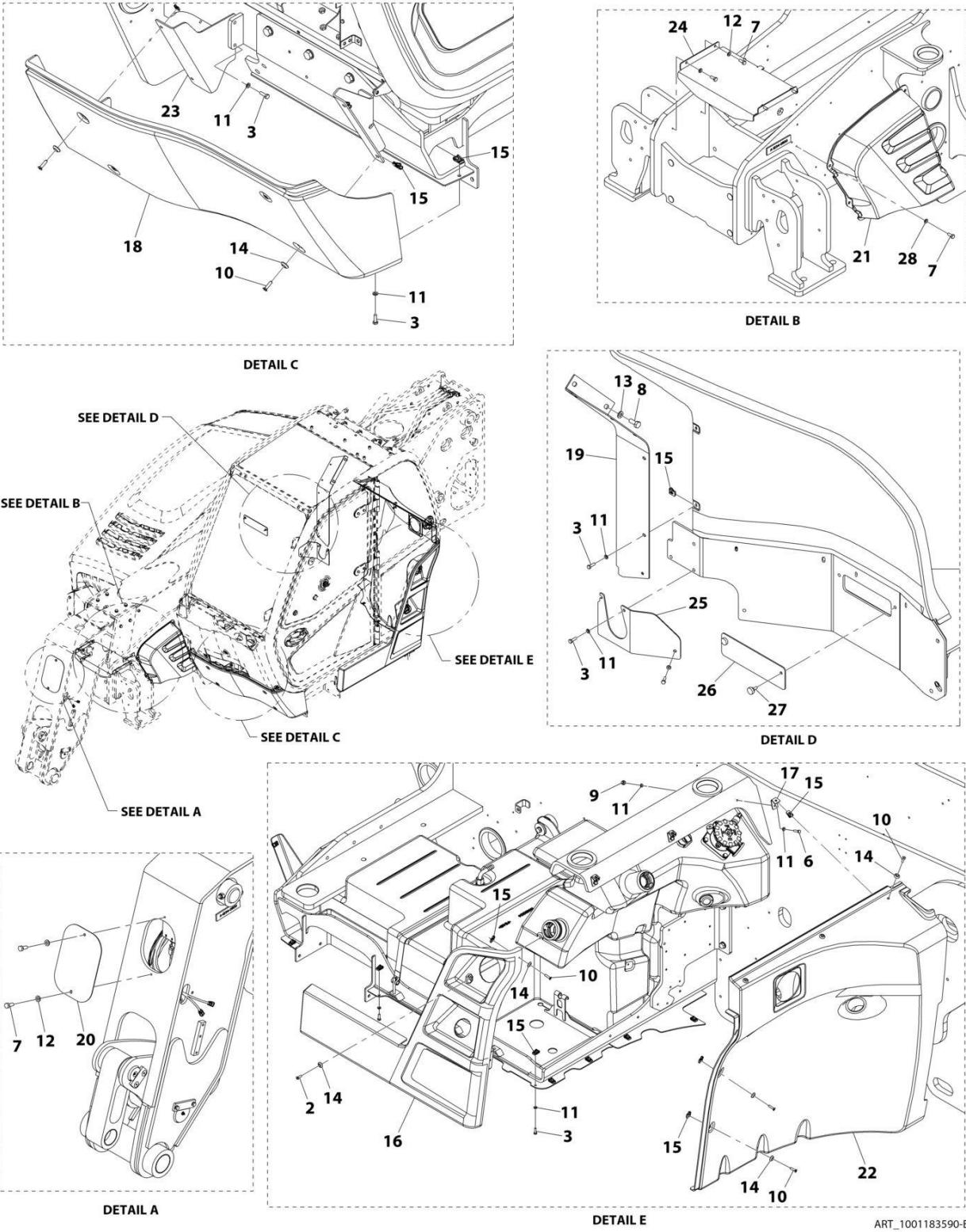
SECTION 1 - FRAME AND ATTACHING PARTS

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)



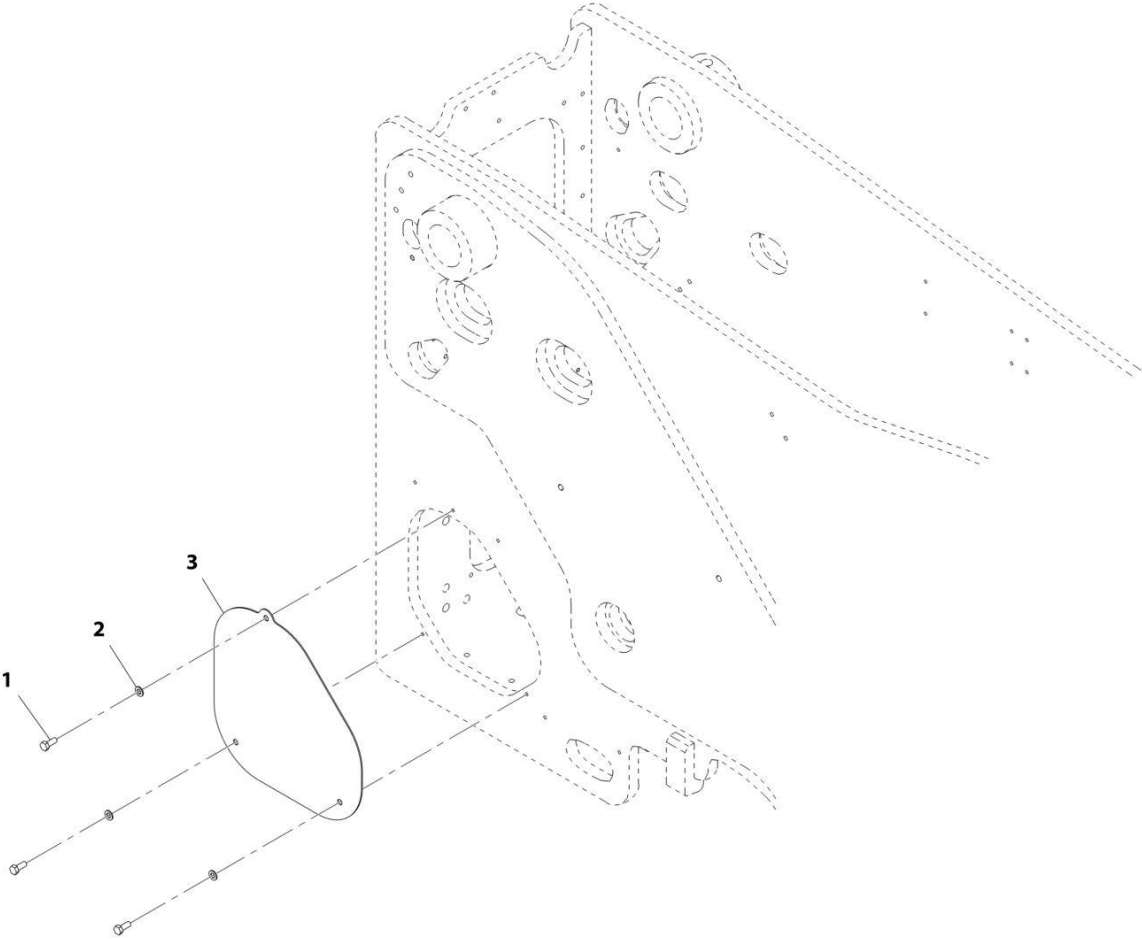
SECTION 1 - FRAME AND ATTACHING PARTS

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

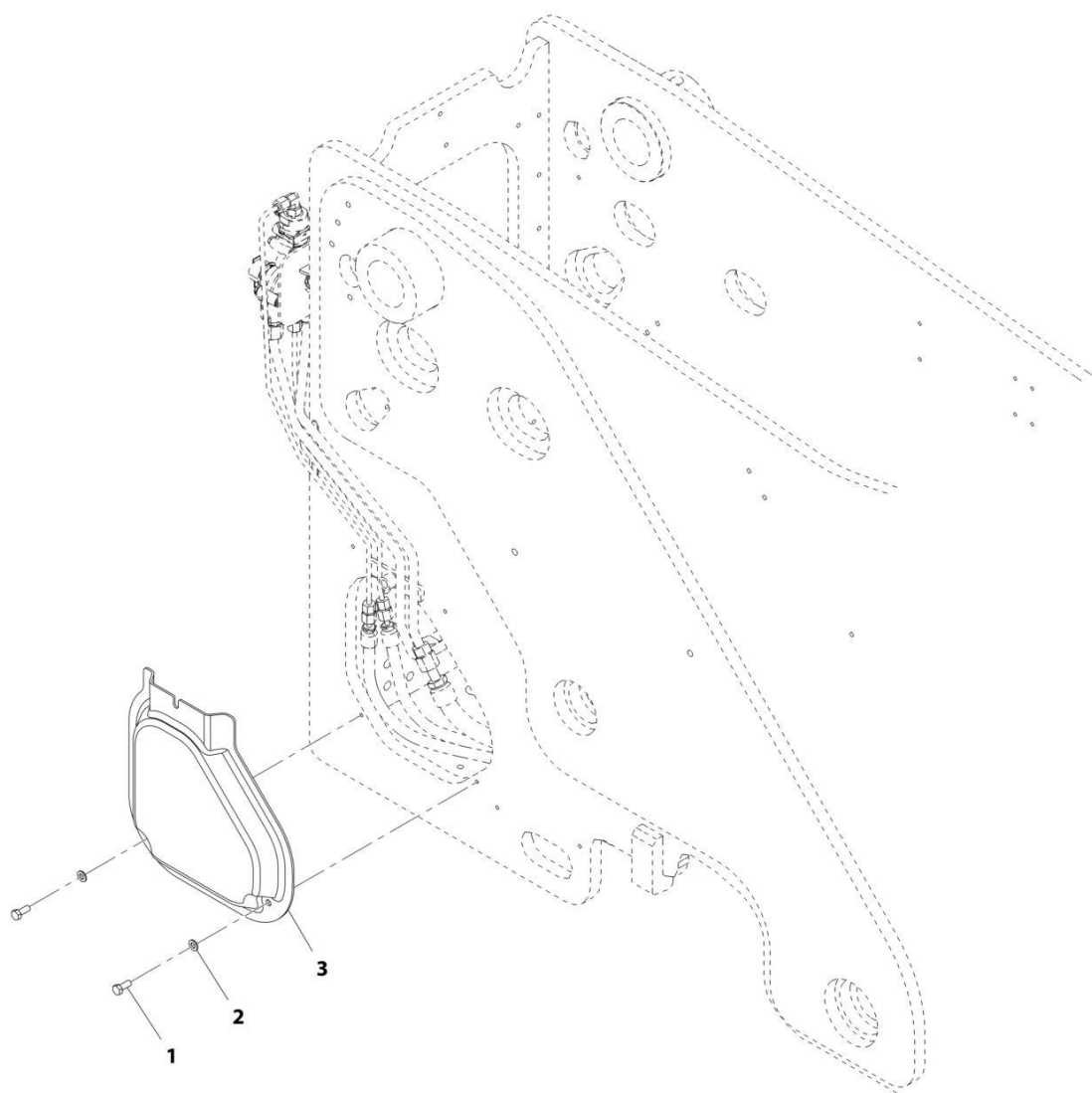
SECTION 1 - FRAME AND ATTACHING PARTS

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

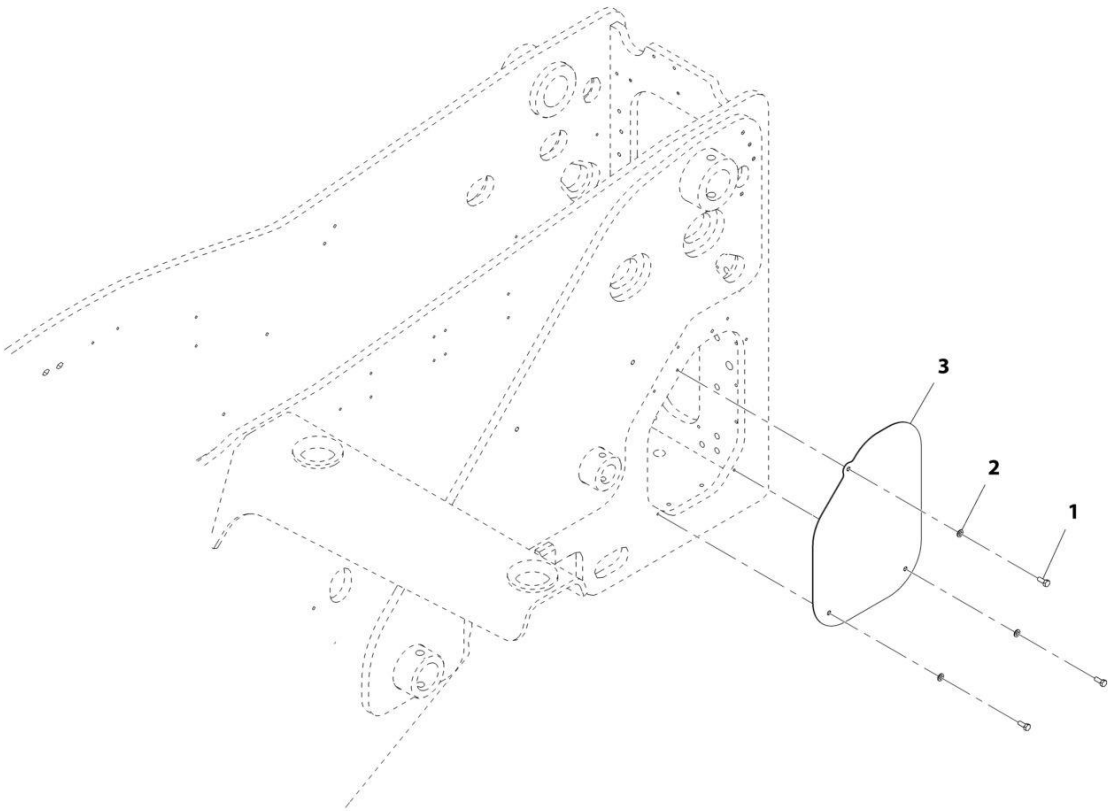
SECTION 1 - FRAME AND ATTACHING PARTS

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

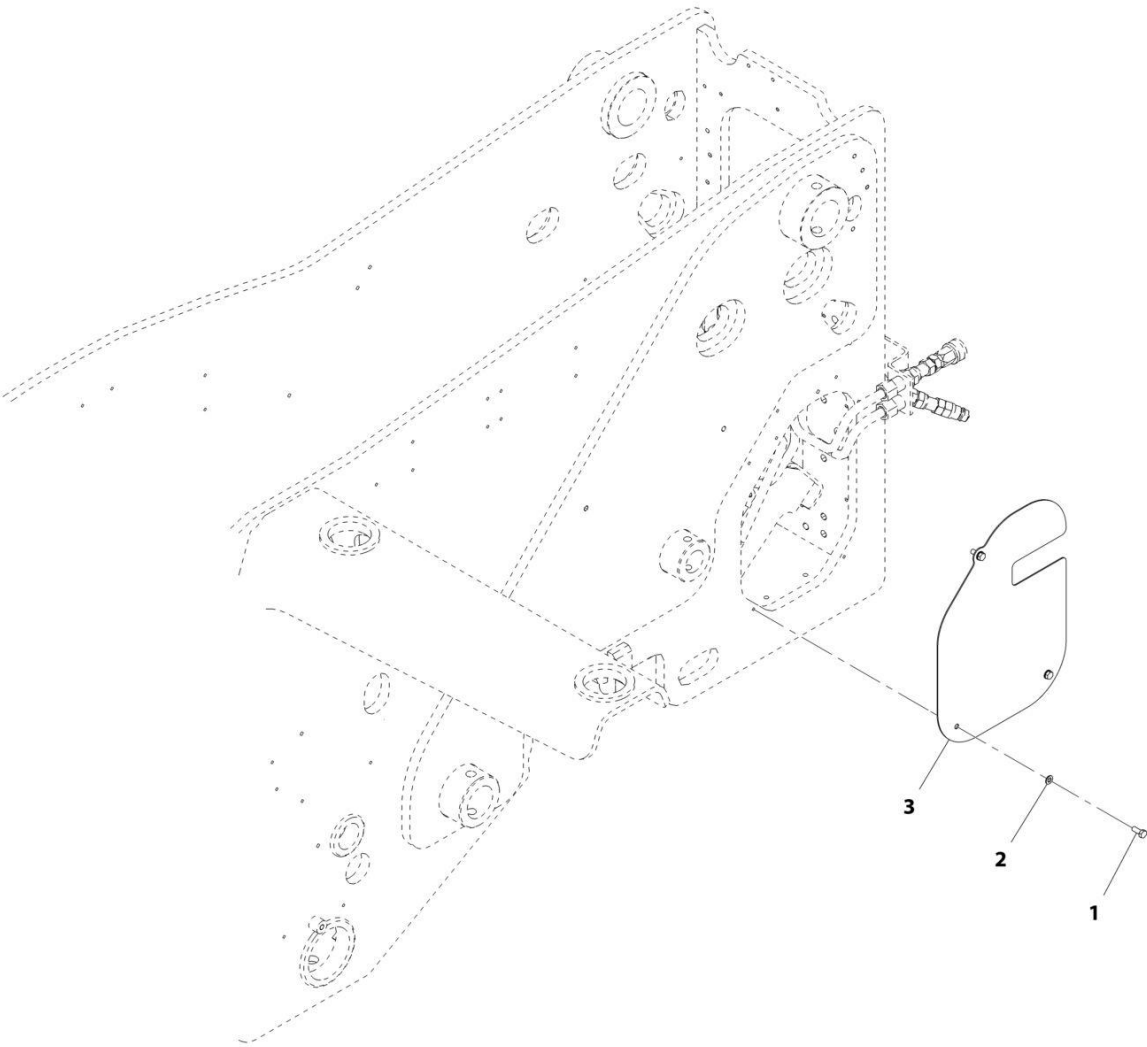
SECTION 1 - FRAME AND ATTACHING PARTS

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

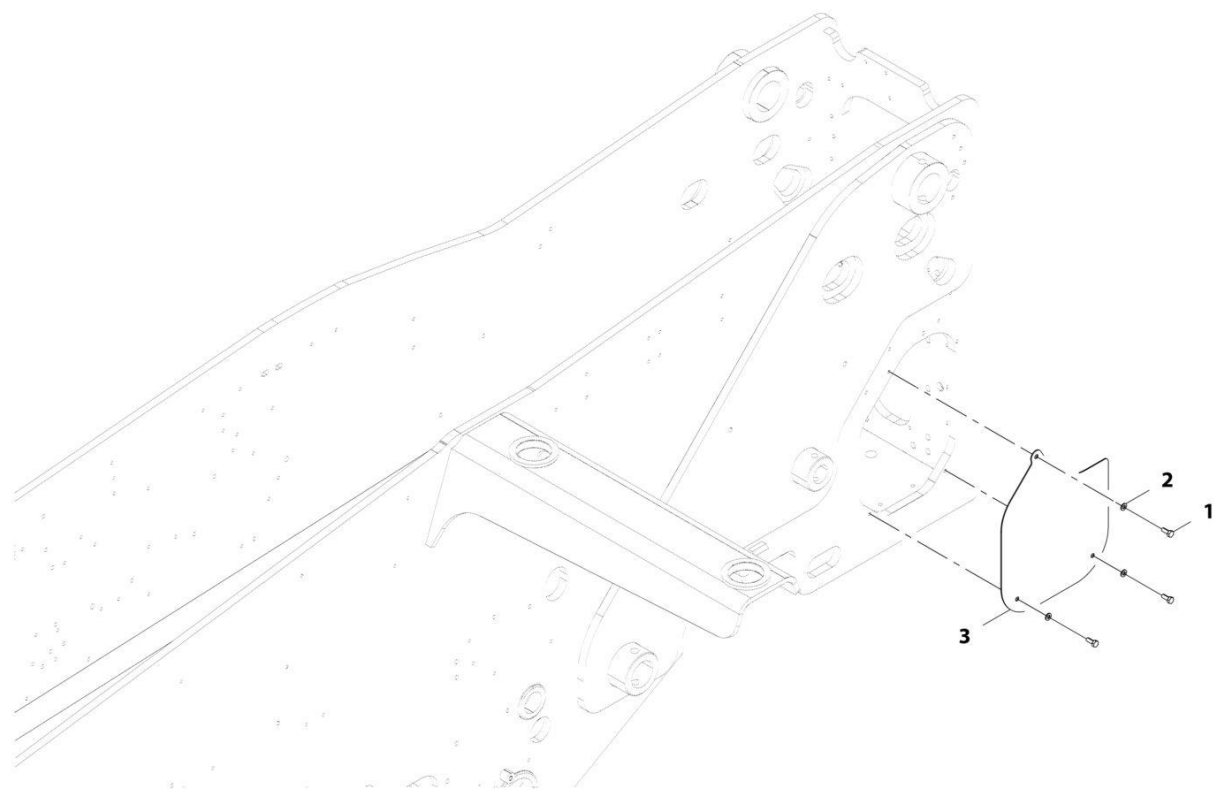
SECTION 1 - FRAME AND ATTACHING PARTS

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

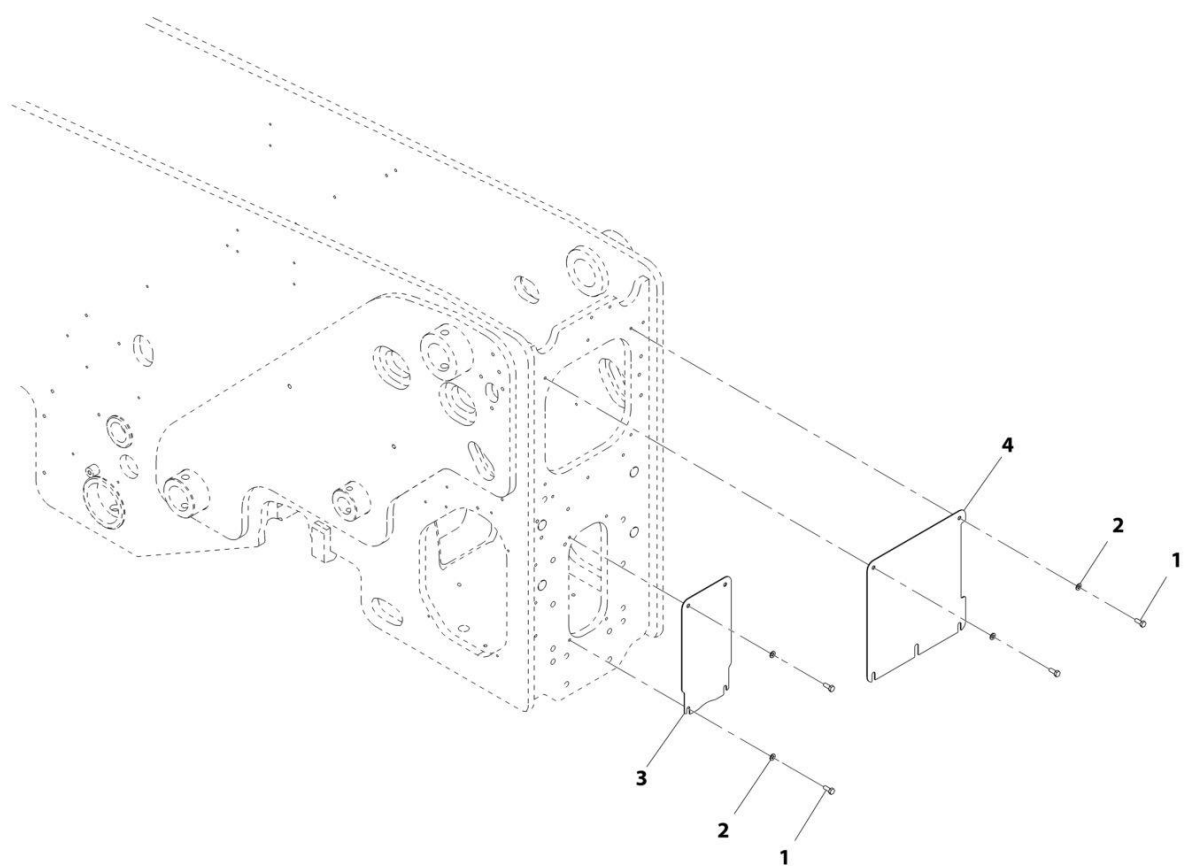
SECTION 1 - FRAME AND ATTACHING PARTS

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

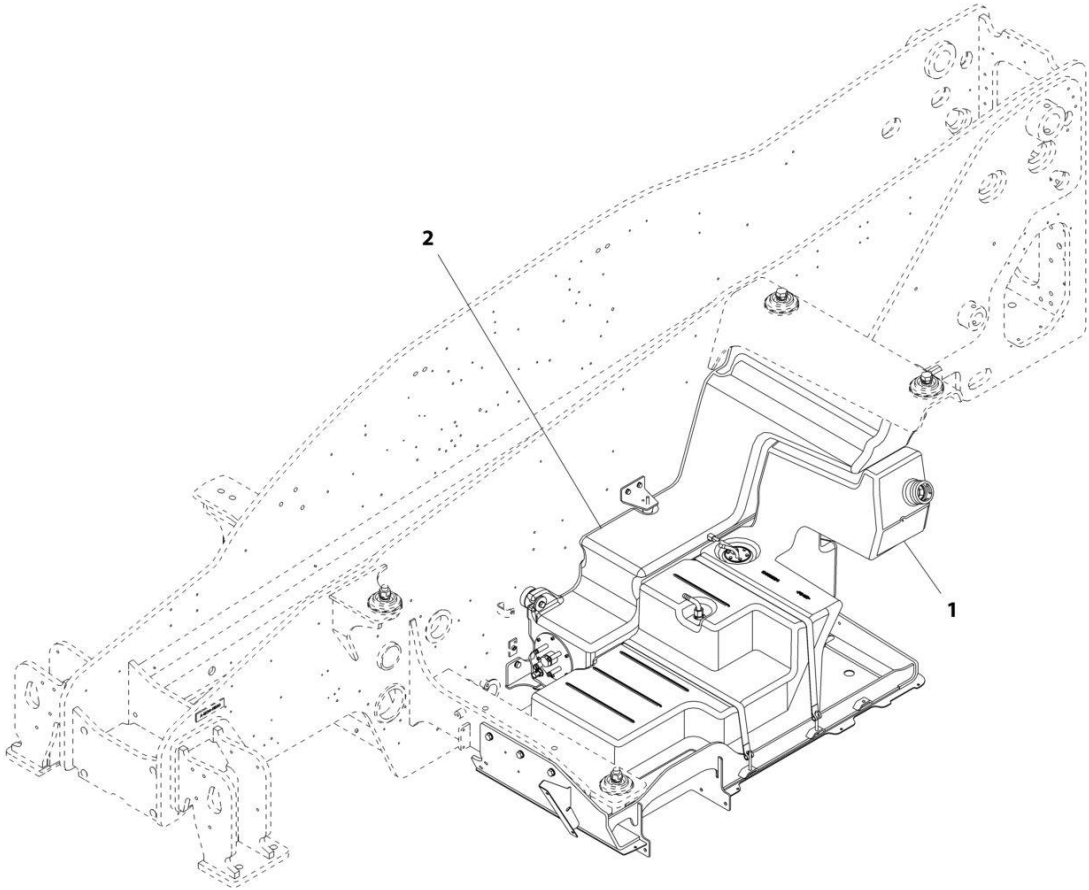
SECTION 1 - FRAME AND ATTACHING PARTS

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

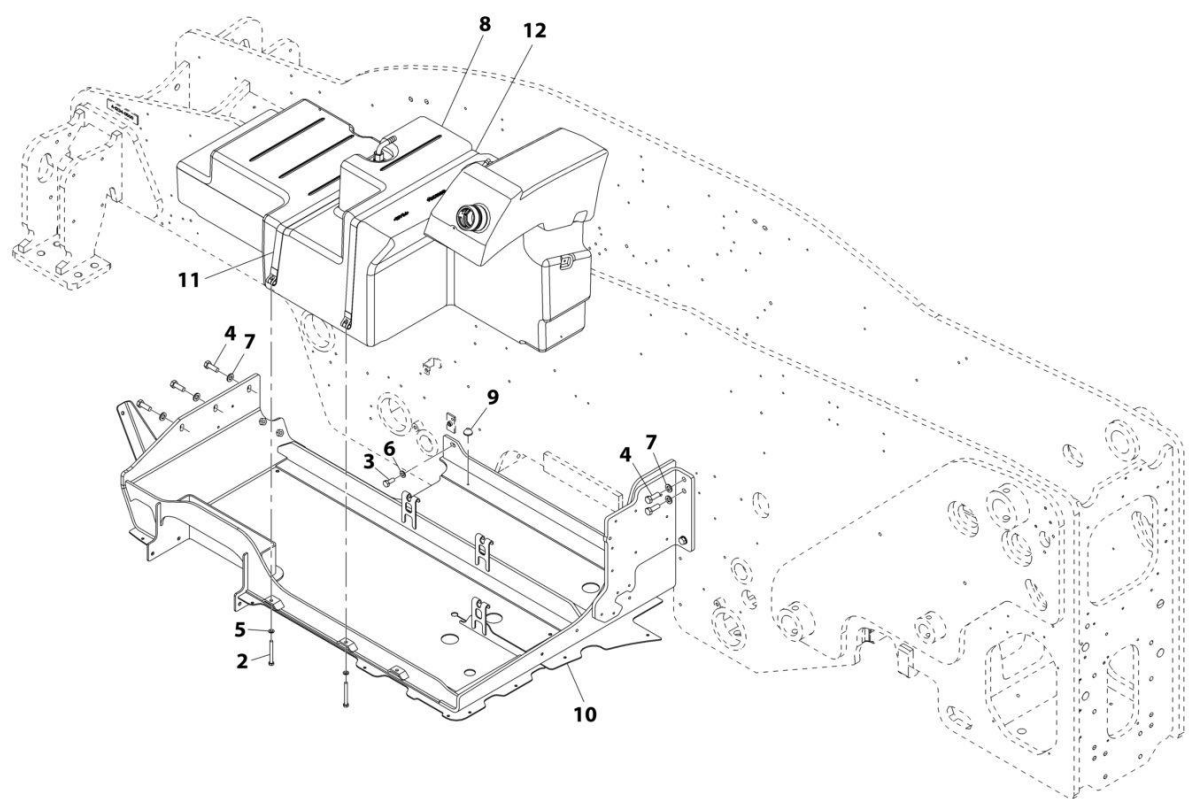
SECTION 1 - FRAME AND ATTACHING PARTS

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

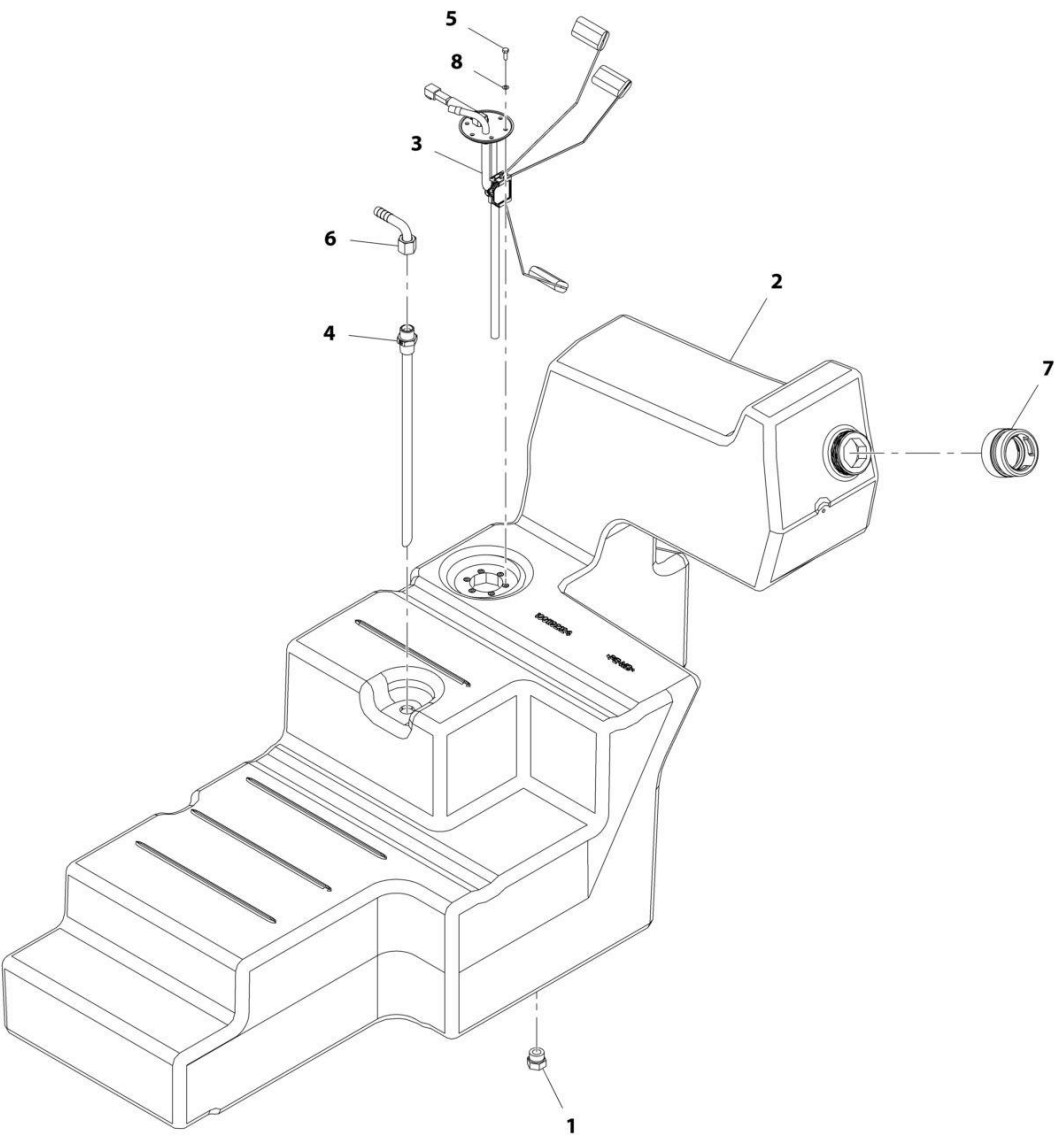
SECTION 1 - FRAME AND ATTACHING PARTS

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

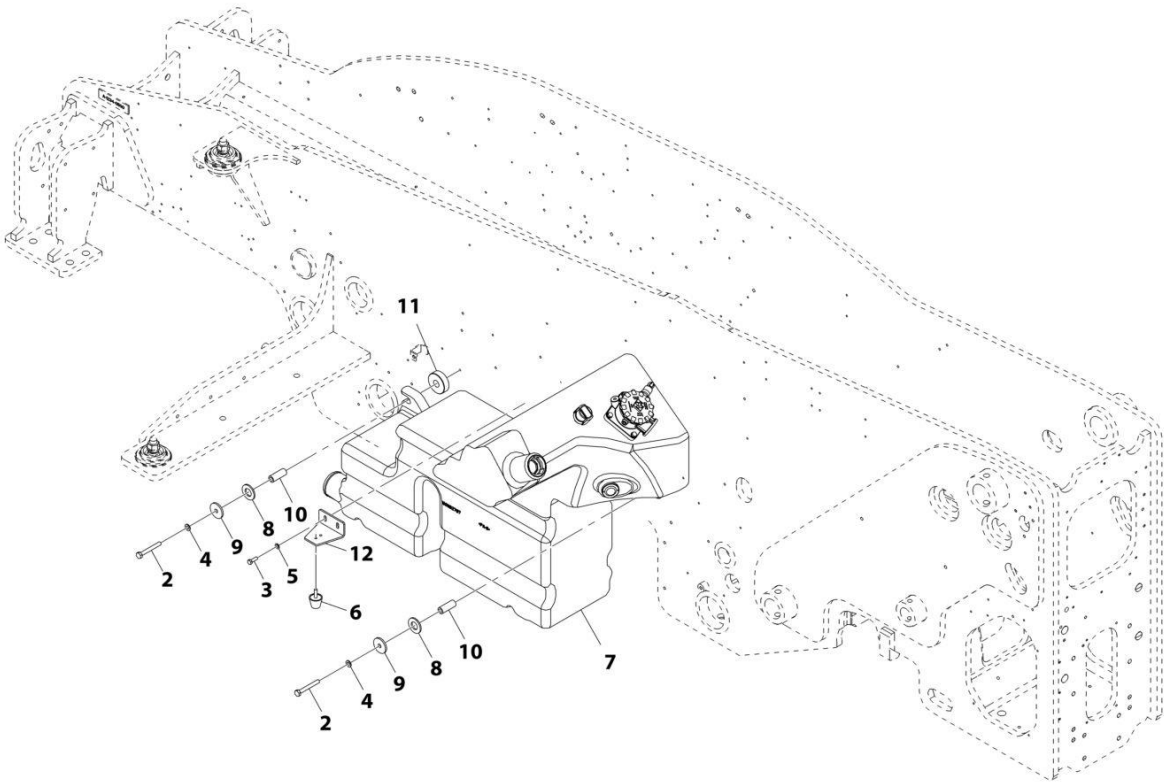
SECTION 1 - FRAME AND ATTACHING PARTS

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

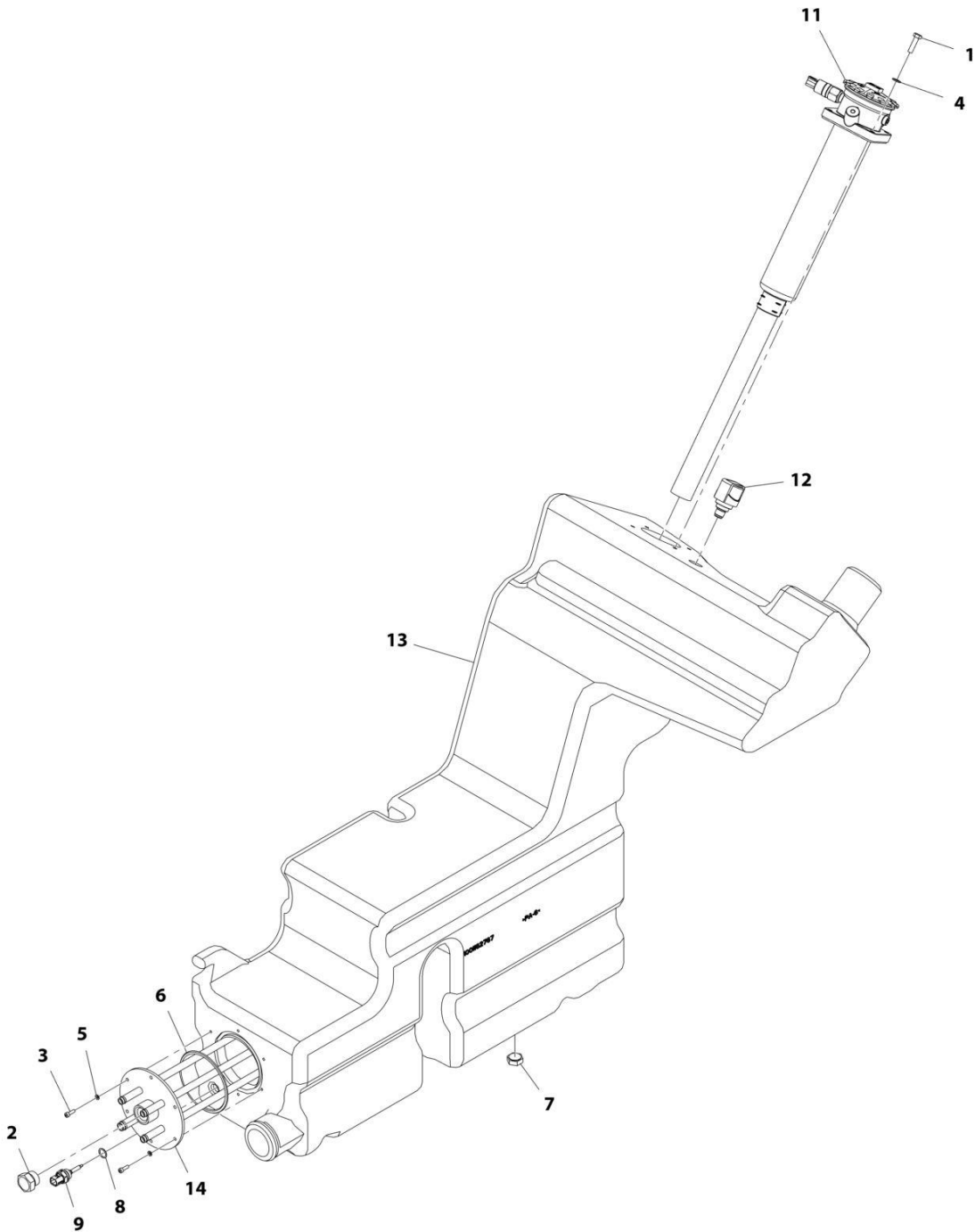
SECTION 1 - FRAME AND ATTACHING PARTS

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

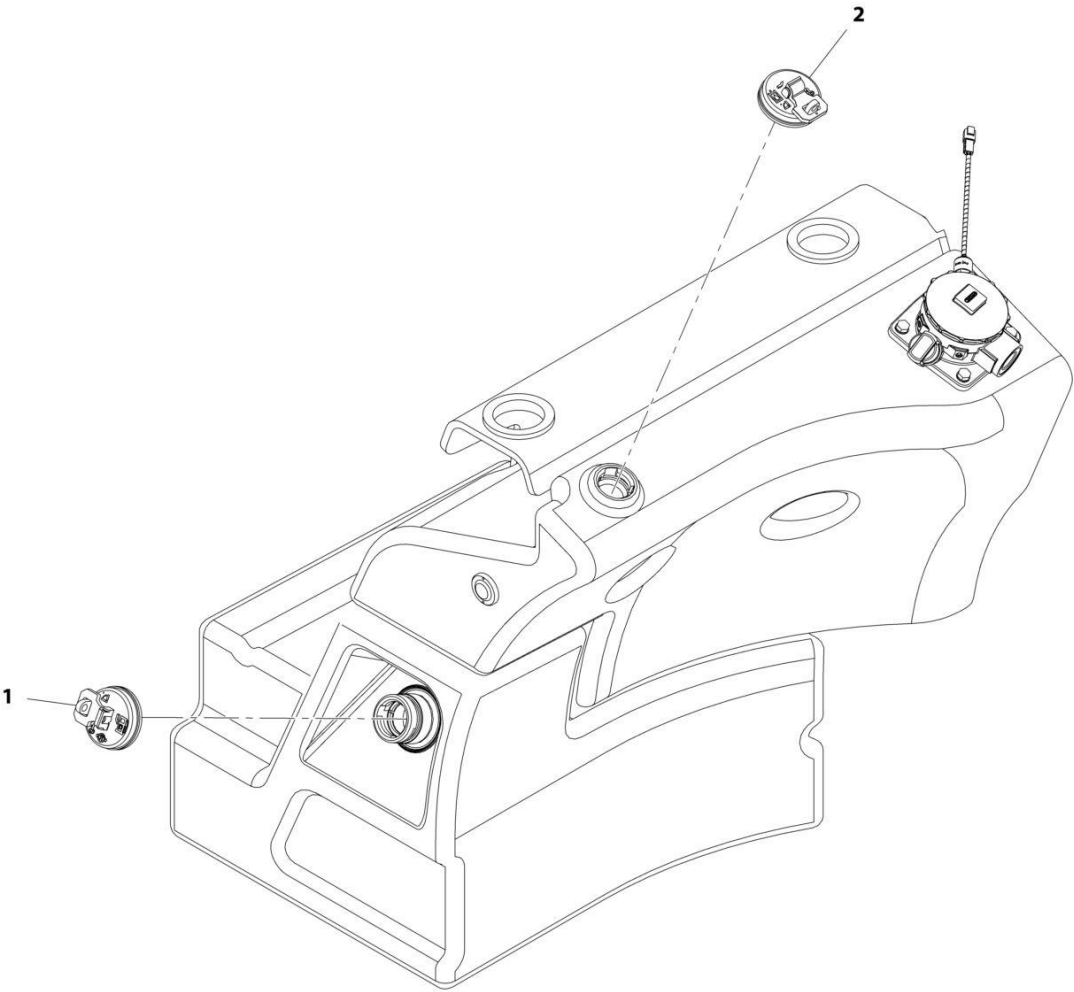
SECTION 1 - FRAME AND ATTACHING PARTS

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

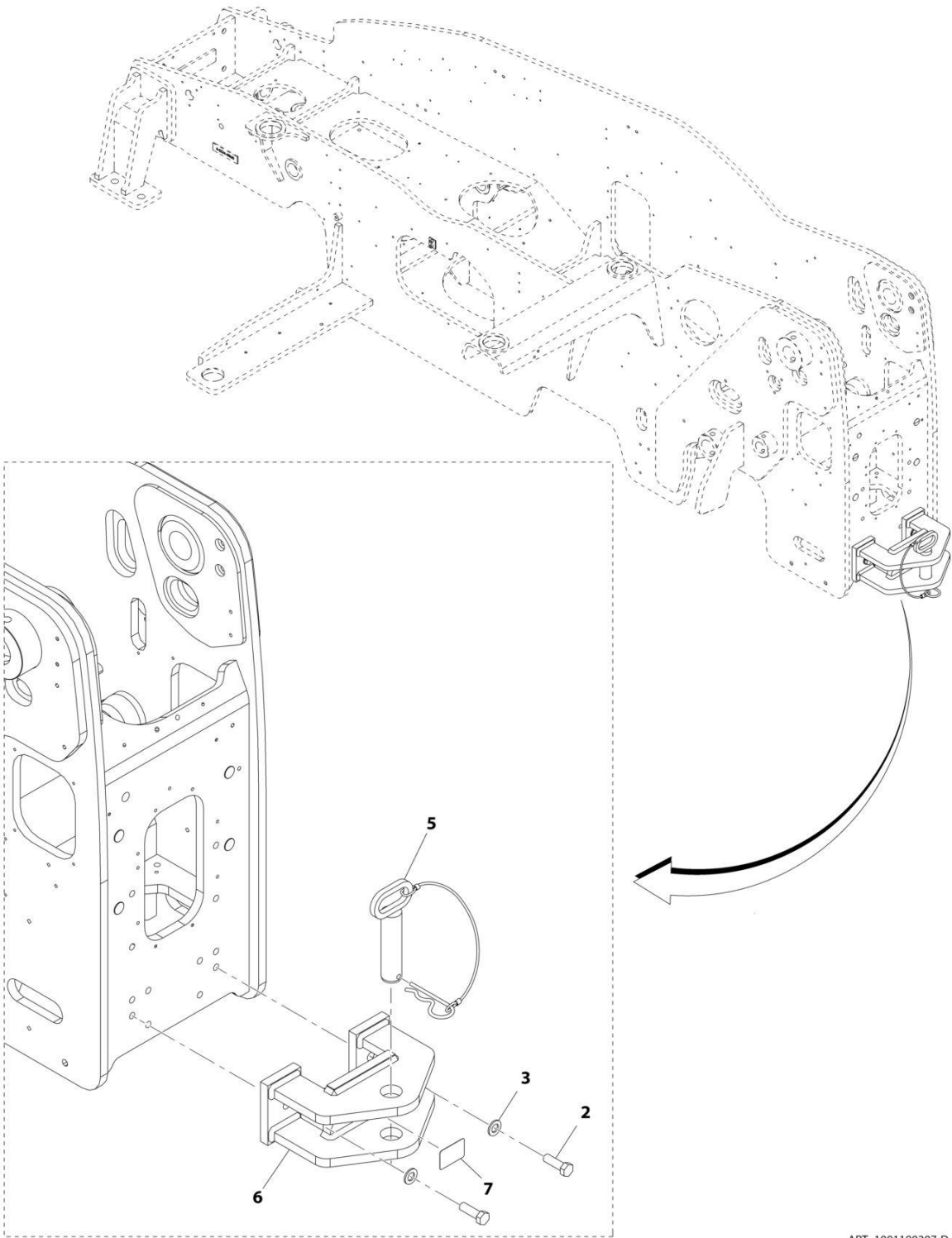
SECTION 1 - FRAME AND ATTACHING PARTS

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

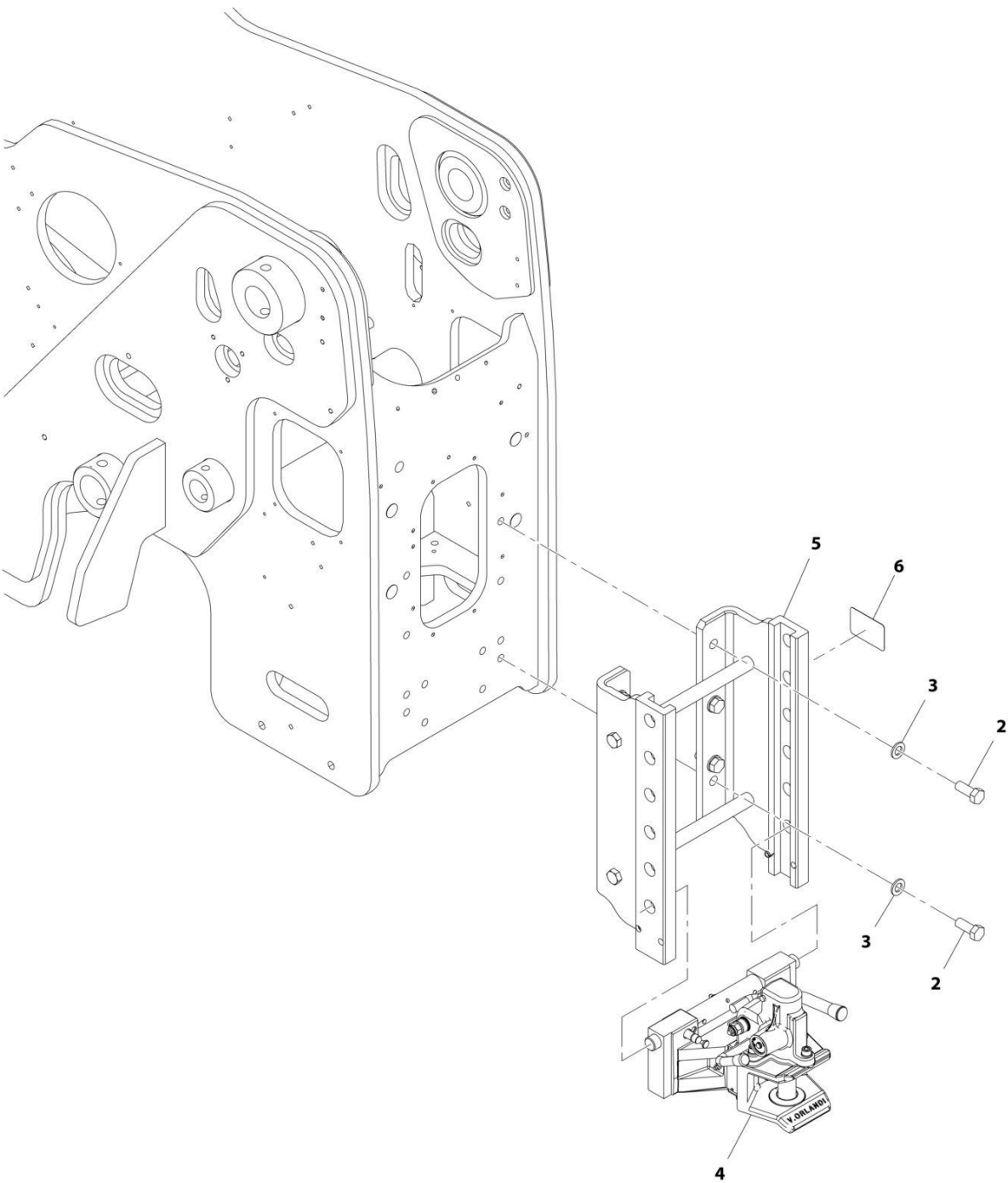
SECTION 1 - FRAME AND ATTACHING PARTS

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

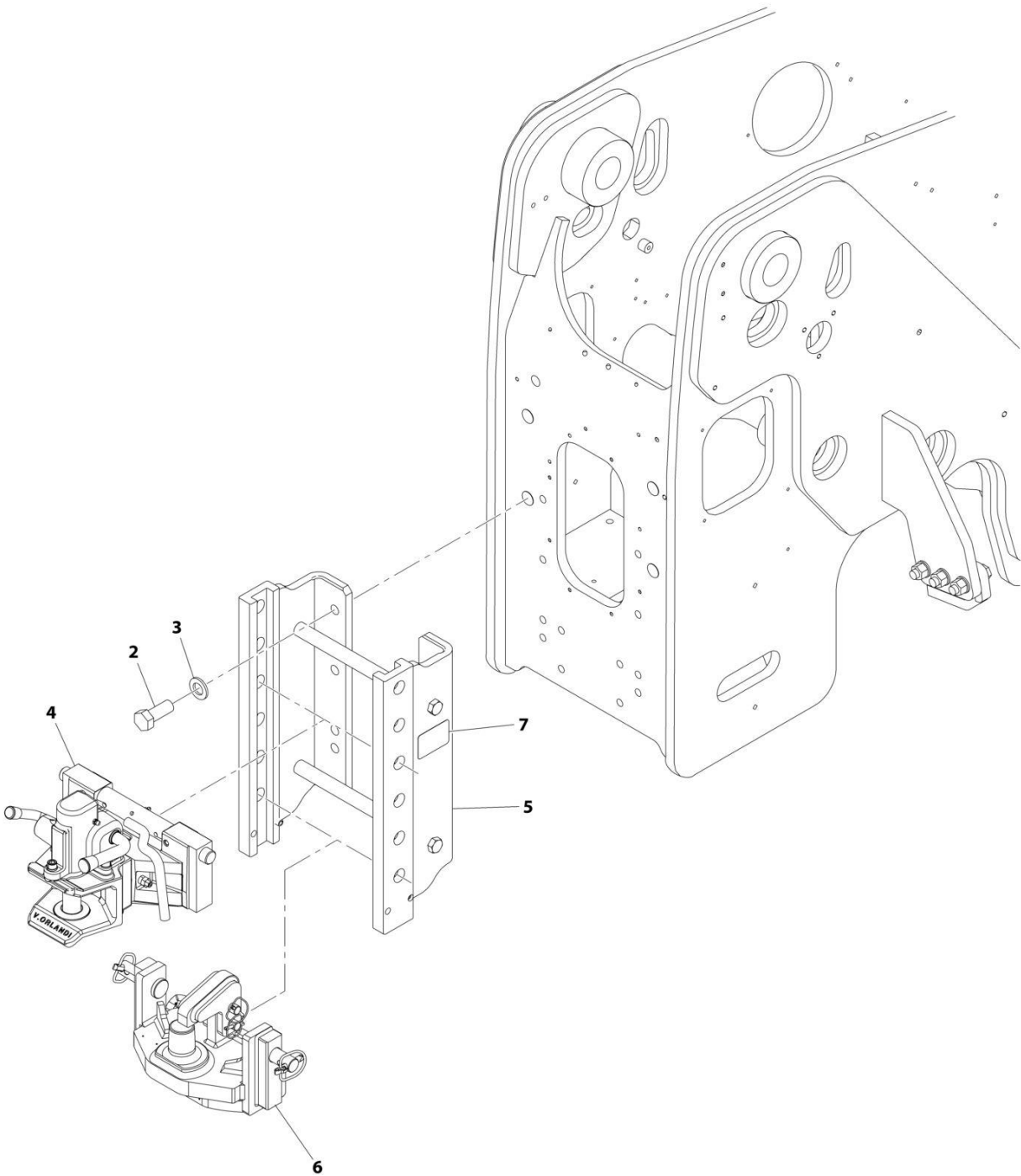
SECTION 1 - FRAME AND ATTACHING PARTS

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

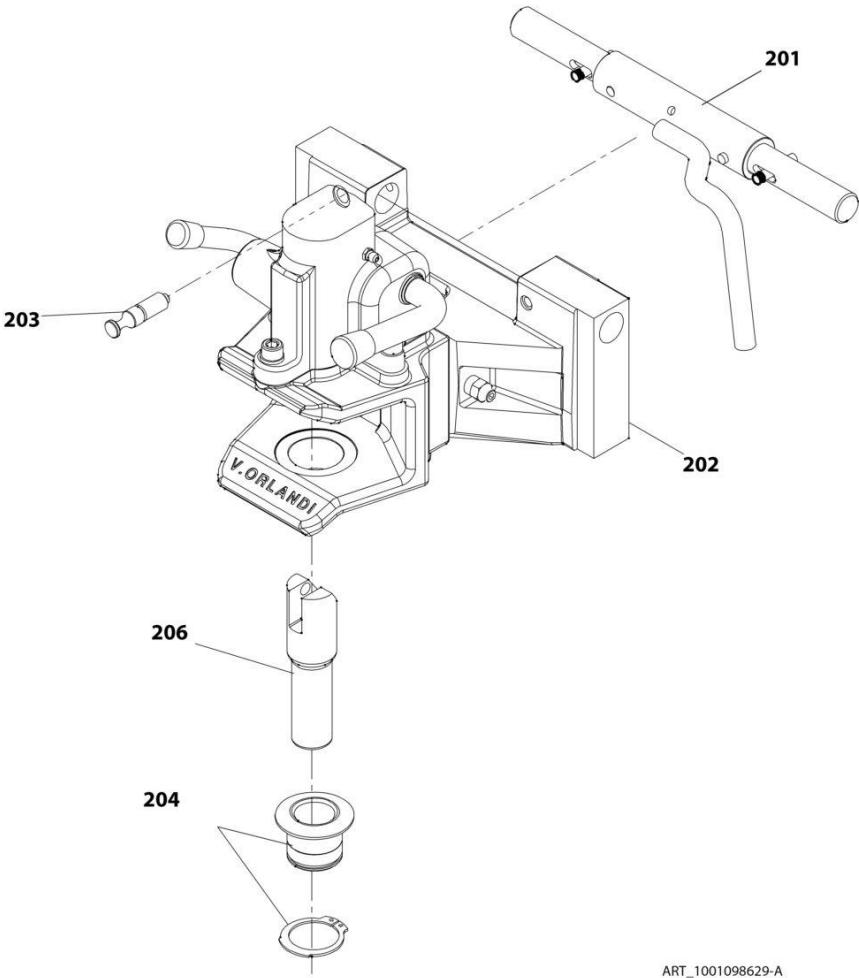
SECTION 1 - FRAME AND ATTACHING PARTS

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

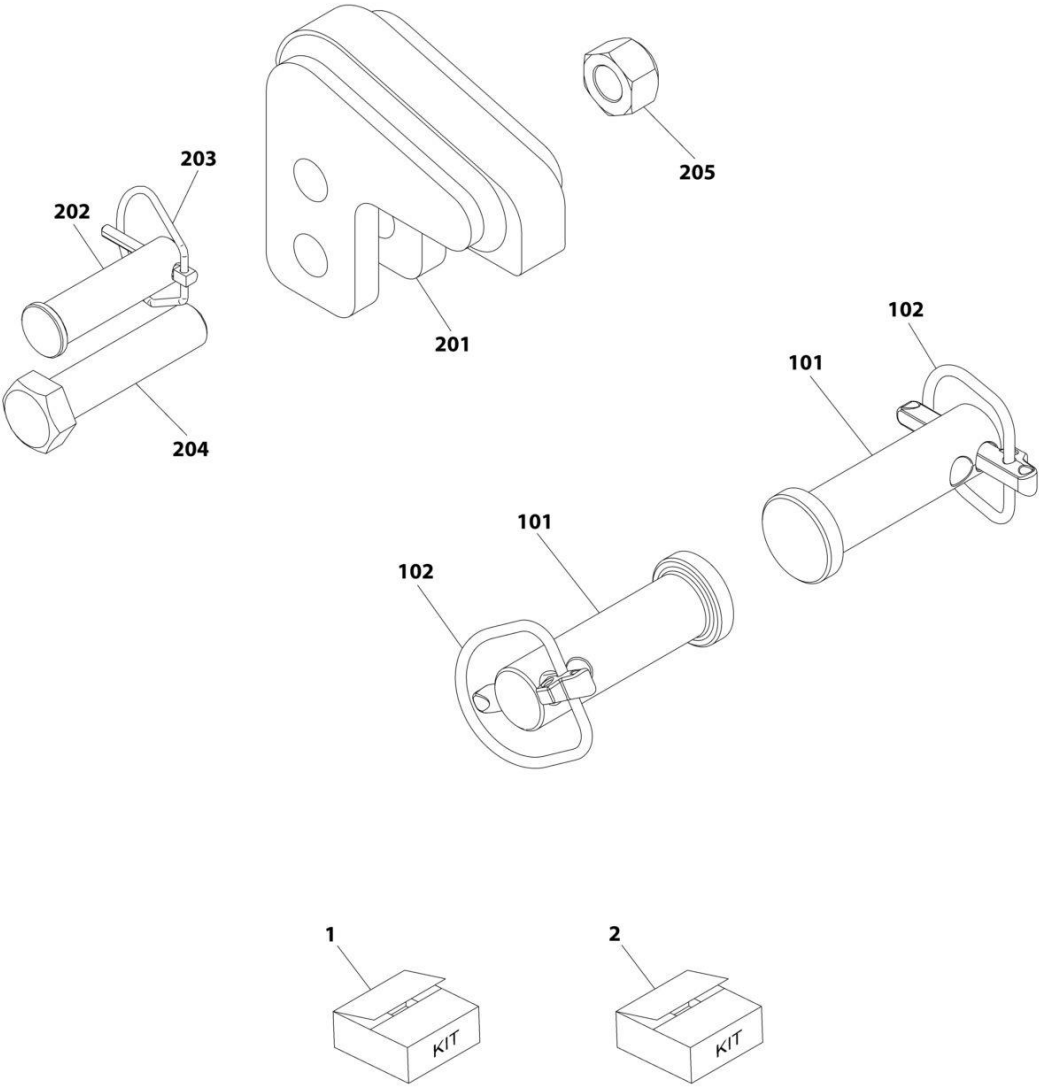
SECTION 1 - FRAME AND ATTACHING PARTS

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

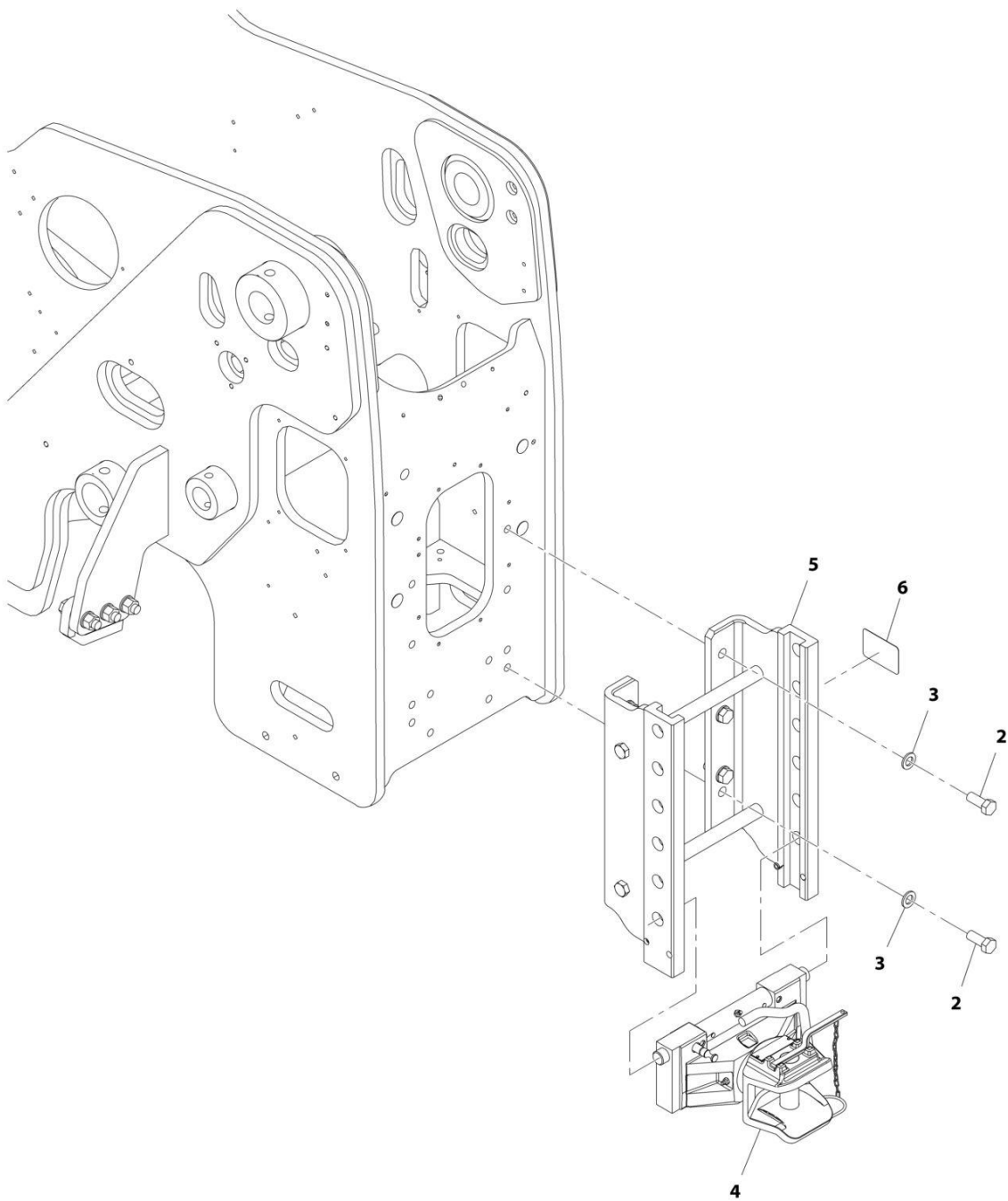
SECTION 1 - FRAME AND ATTACHING PARTS

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

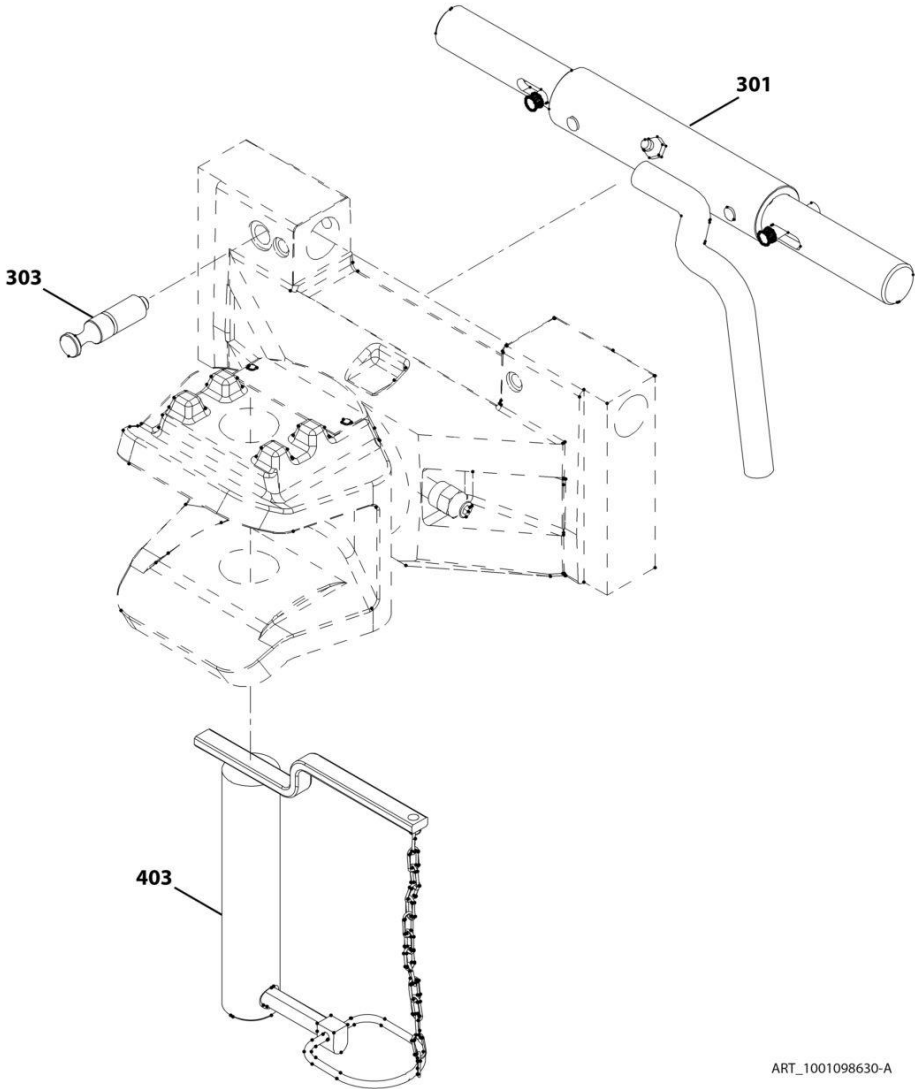
SECTION 1 - FRAME AND ATTACHING PARTS

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

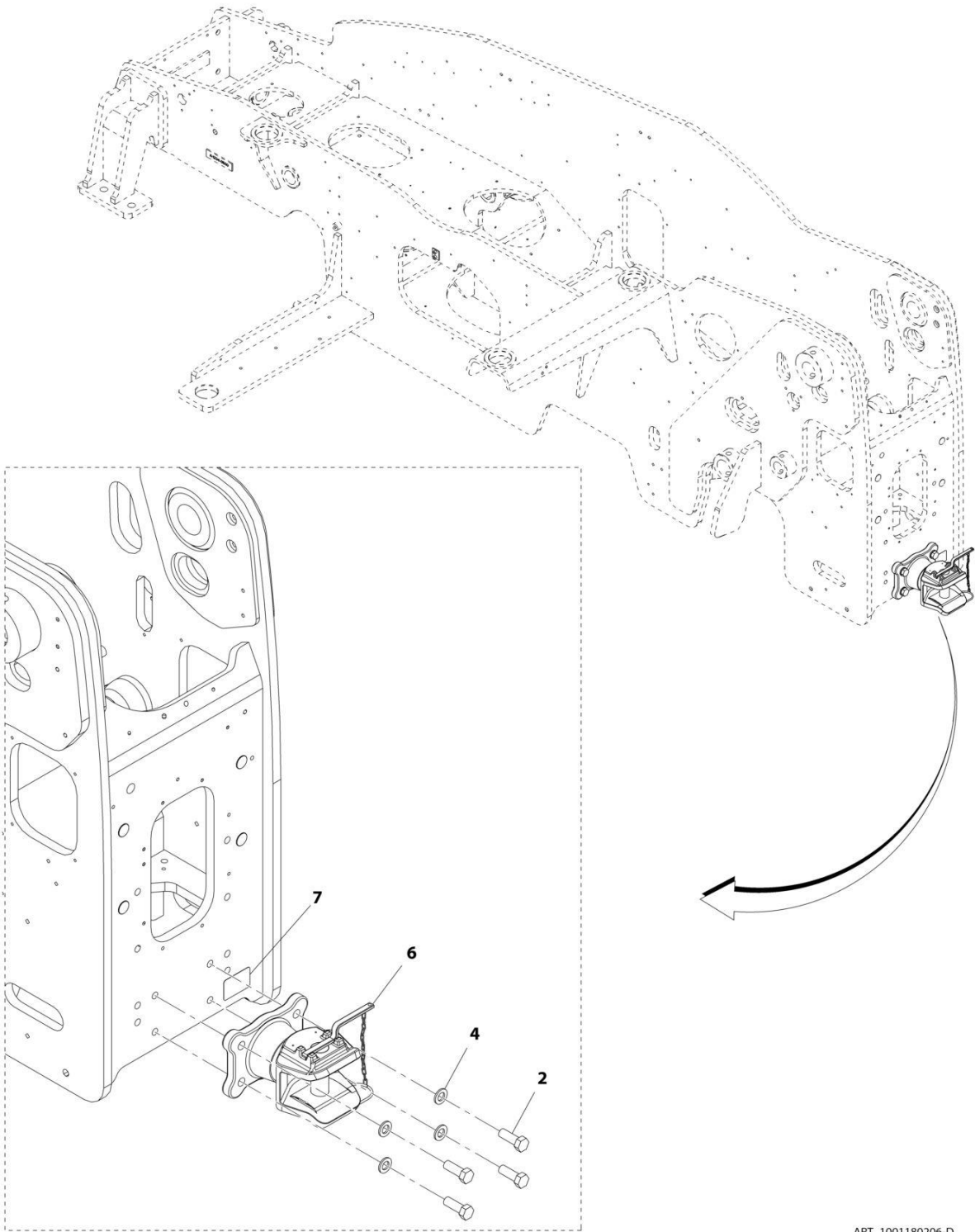
SECTION 1 - FRAME AND ATTACHING PARTS

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

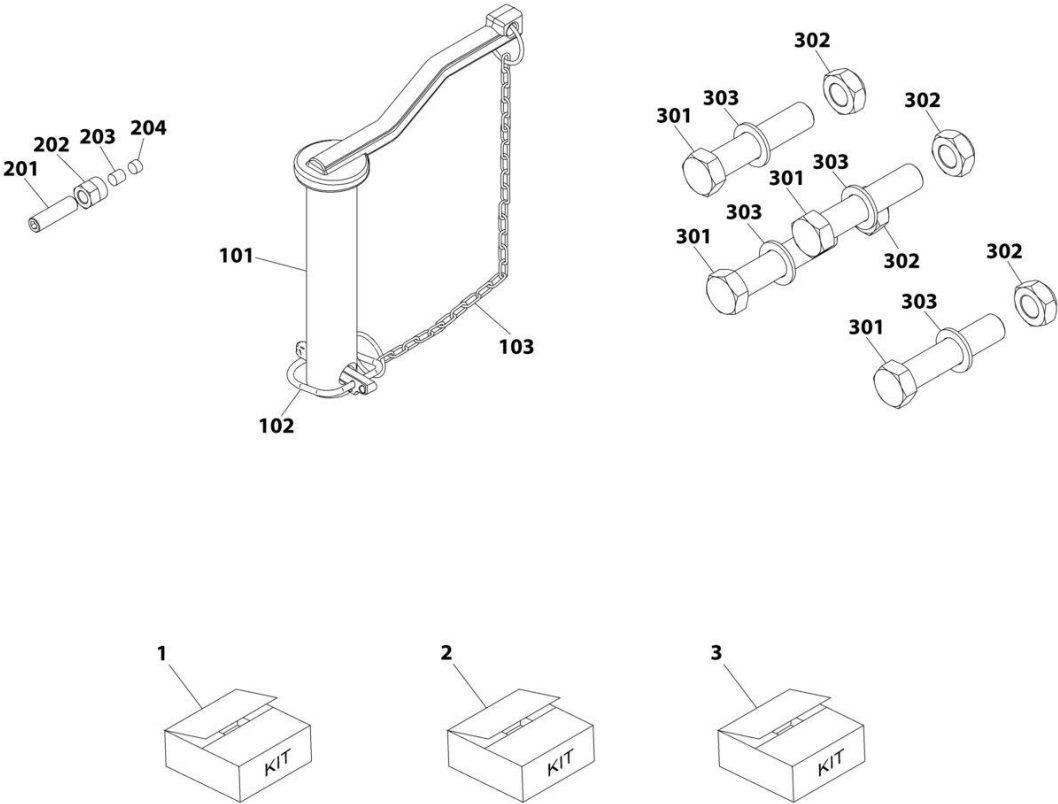
SECTION 1 - FRAME AND ATTACHING PARTS

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

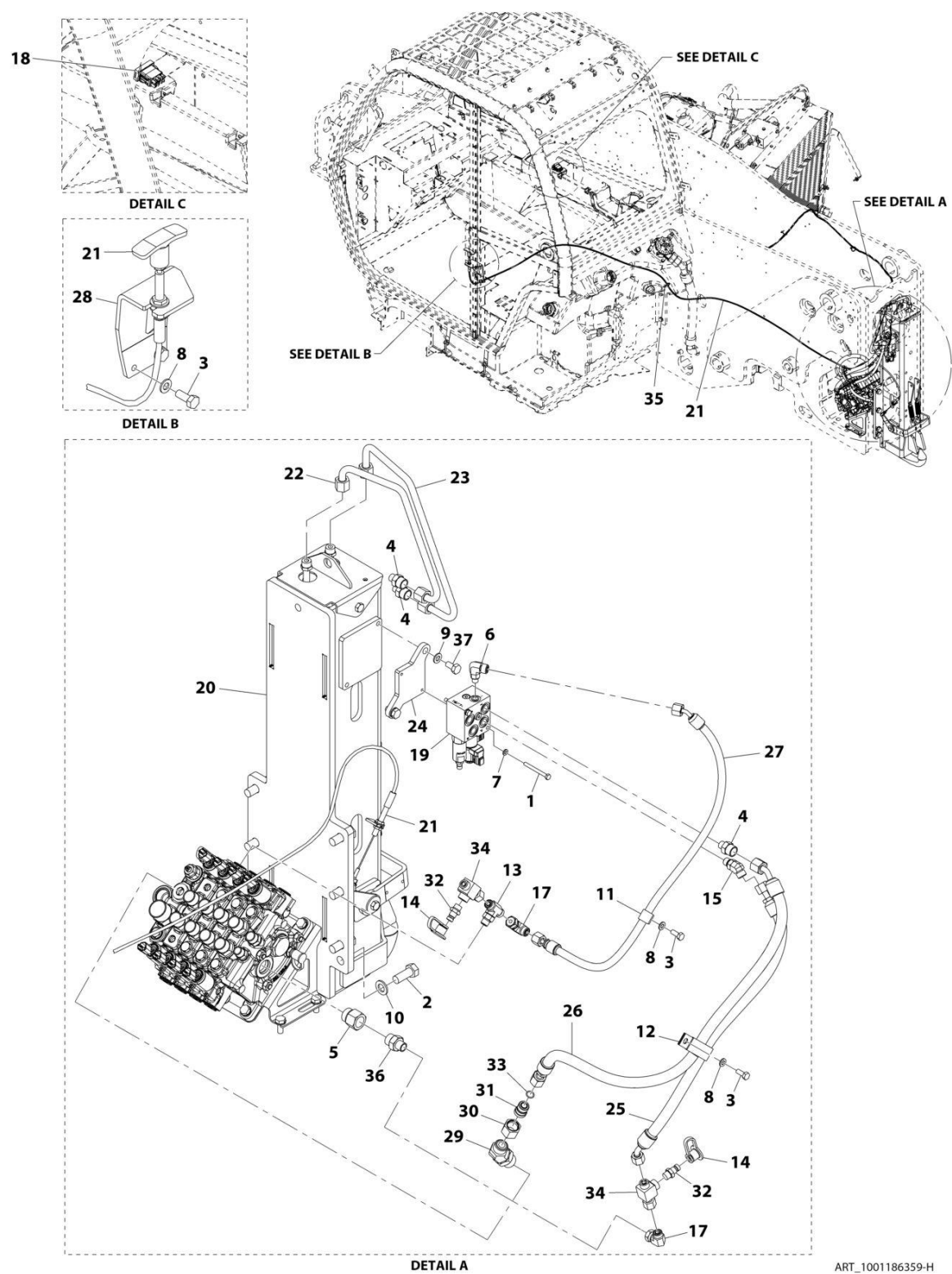
SECTION 1 - FRAME AND ATTACHING PARTS

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)



ART_1001186359-H

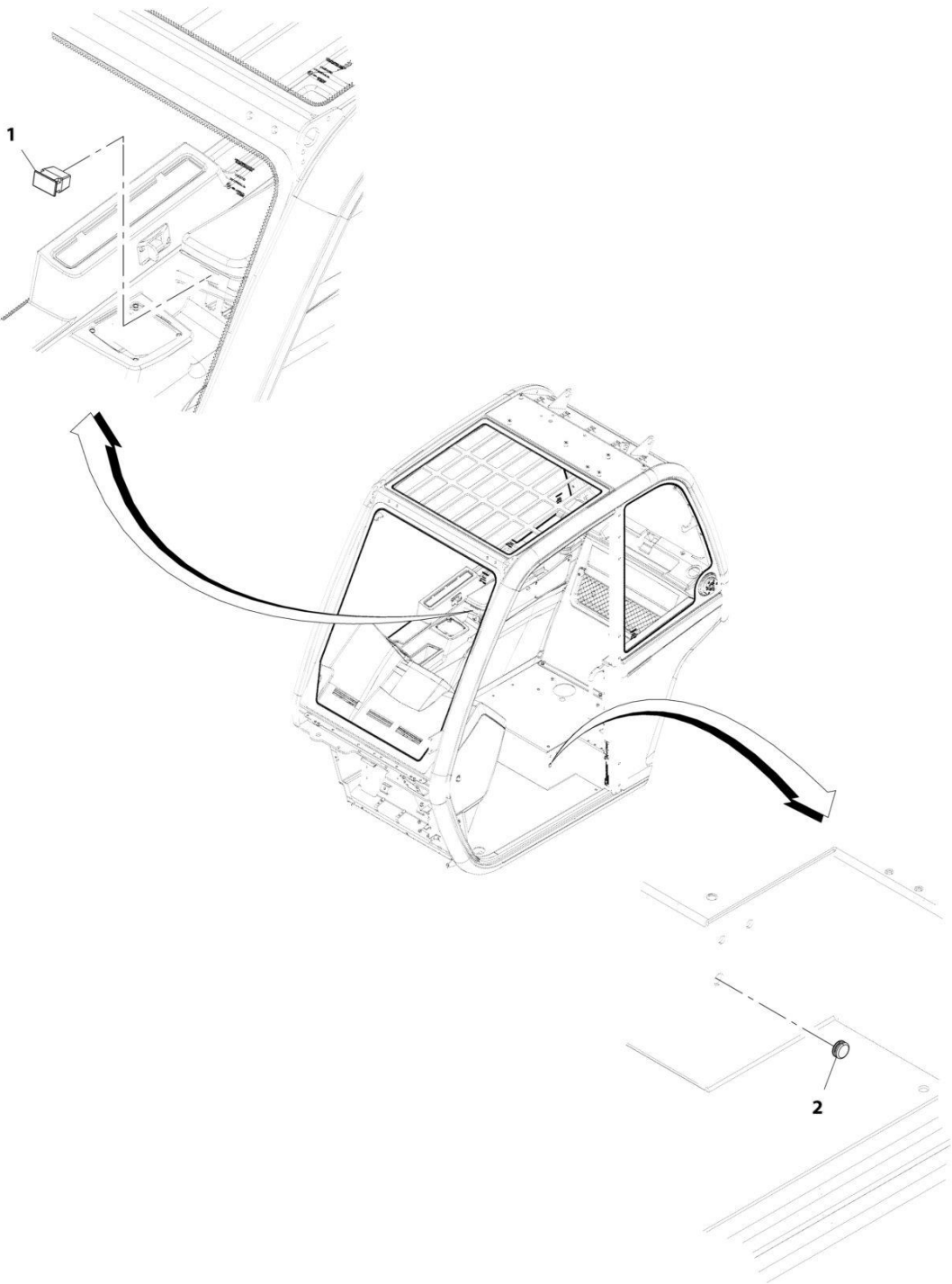
SECTION 1 - FRAME AND ATTACHING PARTS

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

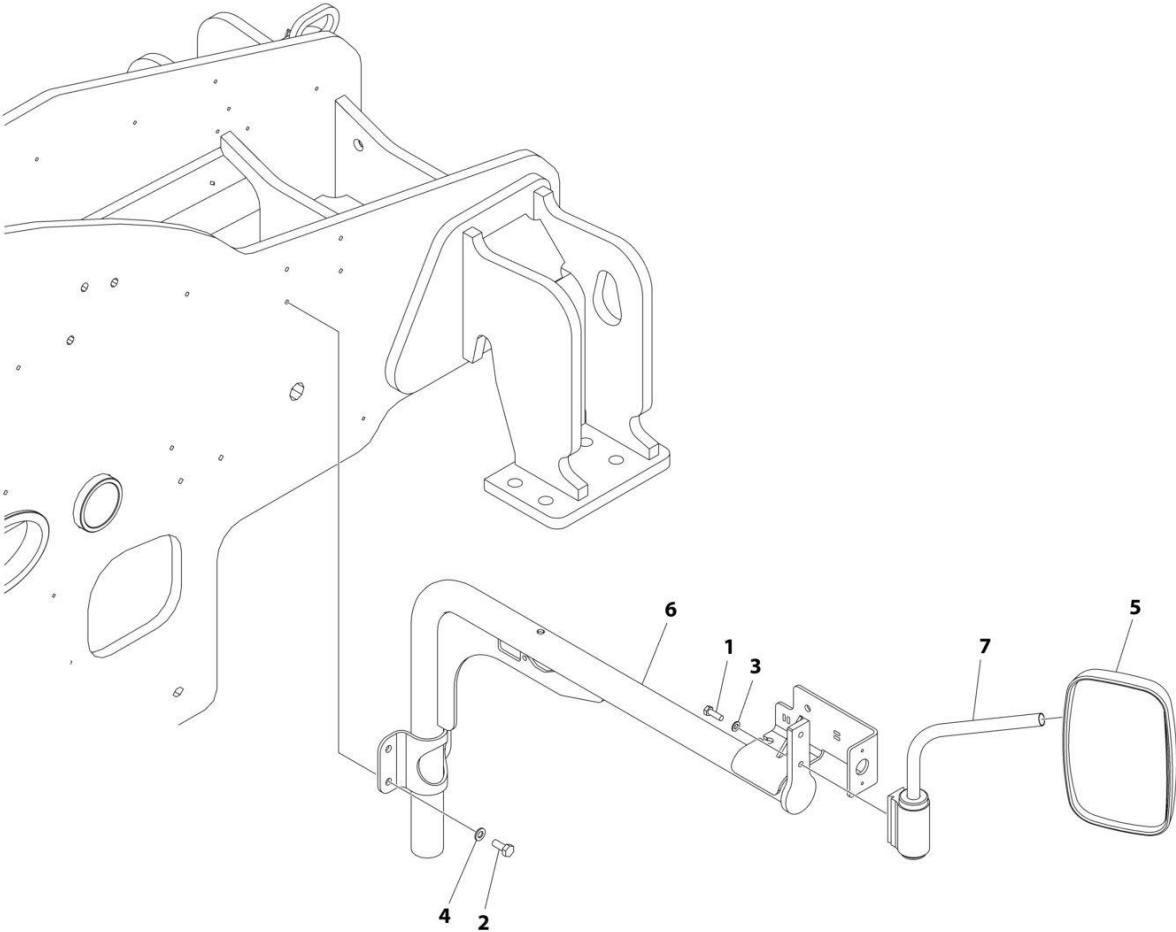
SECTION 1 - FRAME AND ATTACHING PARTS

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

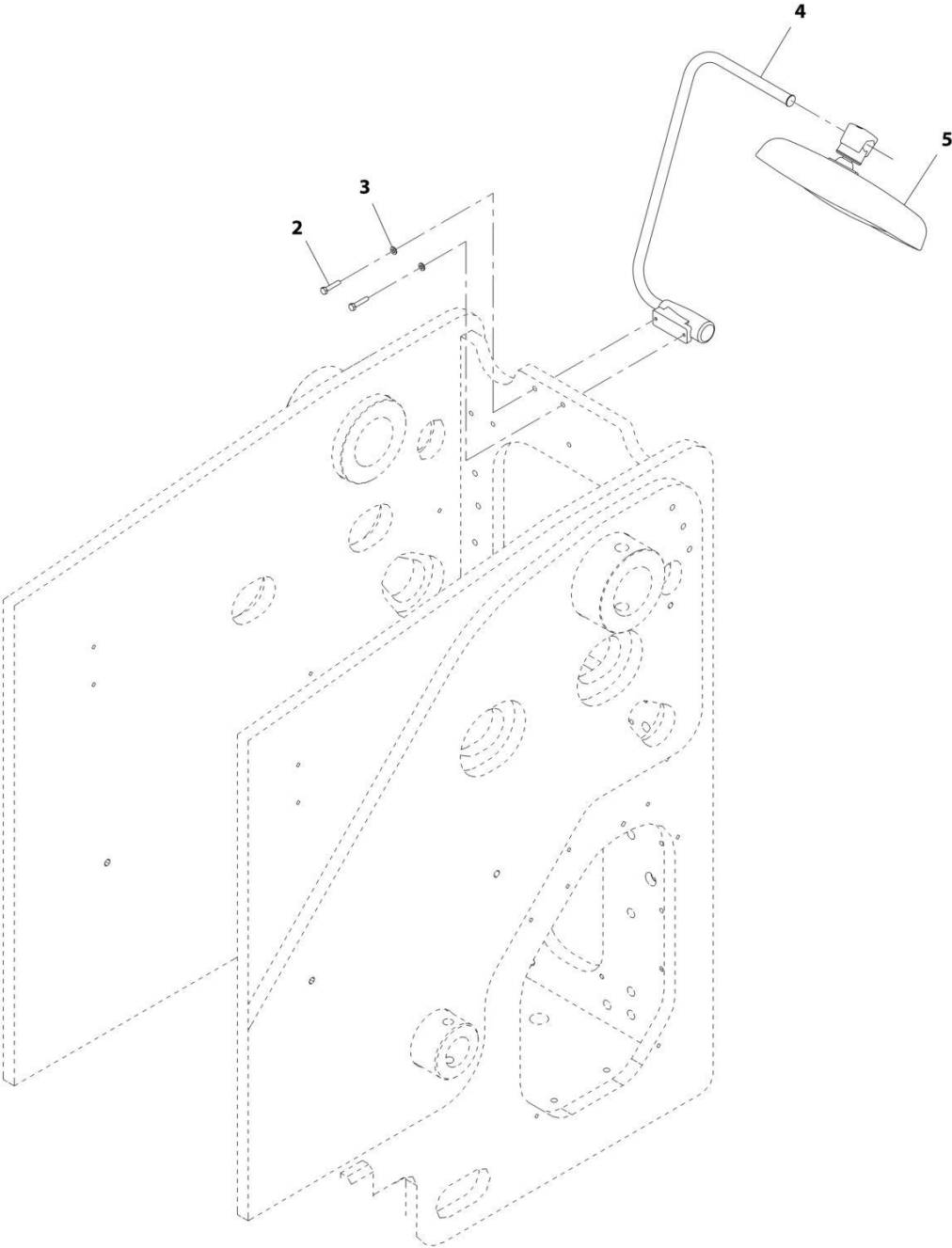
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-29. MIRROR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269628	Ref	MIRROR INSTALLATION	A
1	0760812	2	Bolt M8 x 25	
2	0761012	4	Bolt M10 x 25	
3	4811900	2	Washer M8	
4	4812000	4	Washer M10	
5	1001005981	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-B

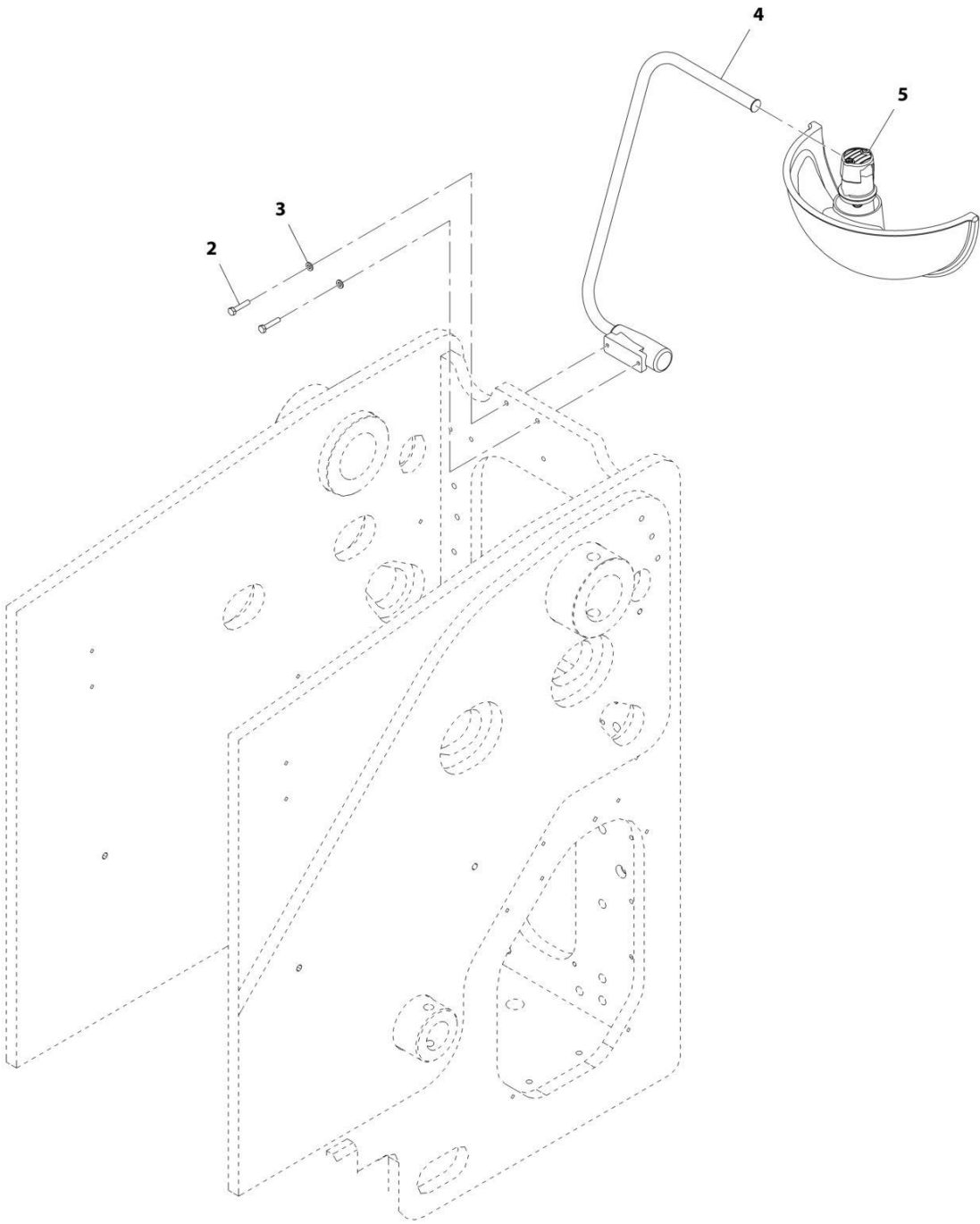
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-30. REAR MIRROR INSTALLATION (FLAT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186395	Ref	REAR MIRROR INSTALLATION (FLAT)	B
2	0700614	2	Bolt M6 x 30	
3	4811700	2	Washer M6	
4	1001005980	1	Arm	
5	1001005981	1	Assembly, Mirror	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-31. REAR MIRROR INSTALLATION (CONVEX)



ART_1001186439-B

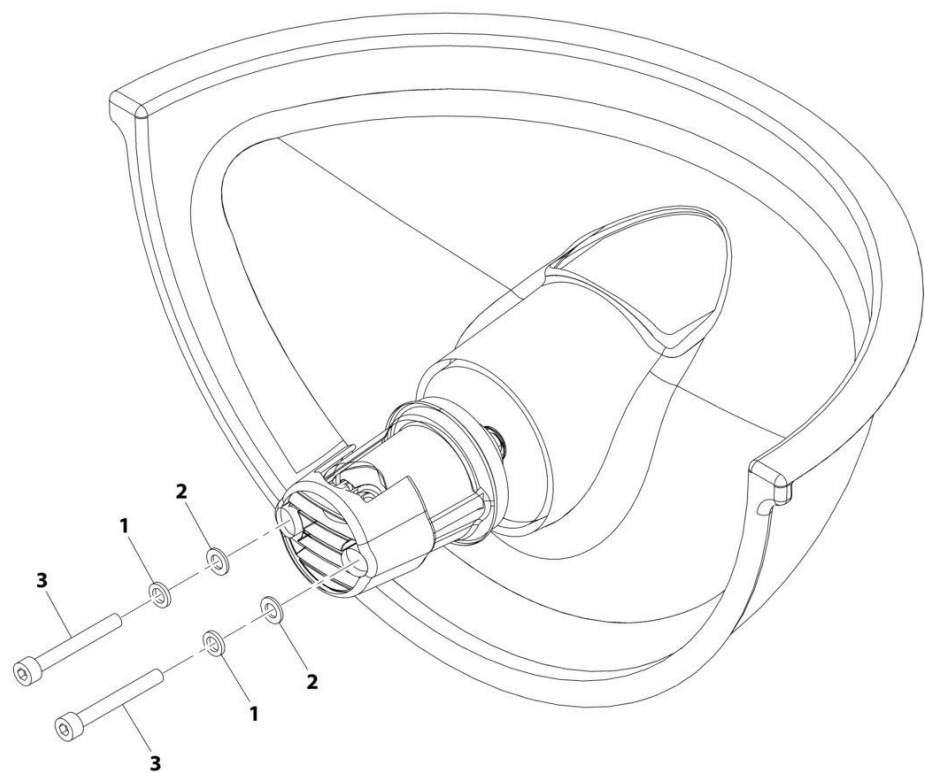
SECTION 1 - FRAME AND ATTACHING PARTS

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

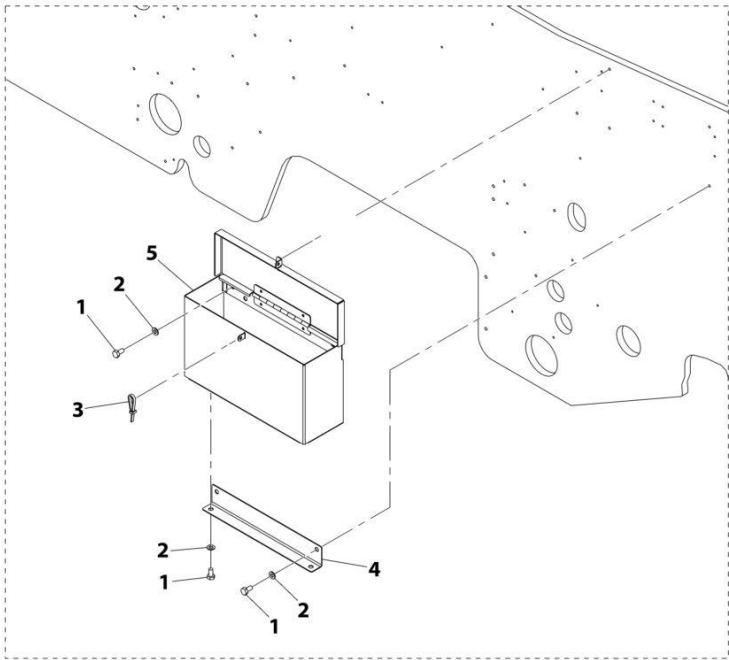
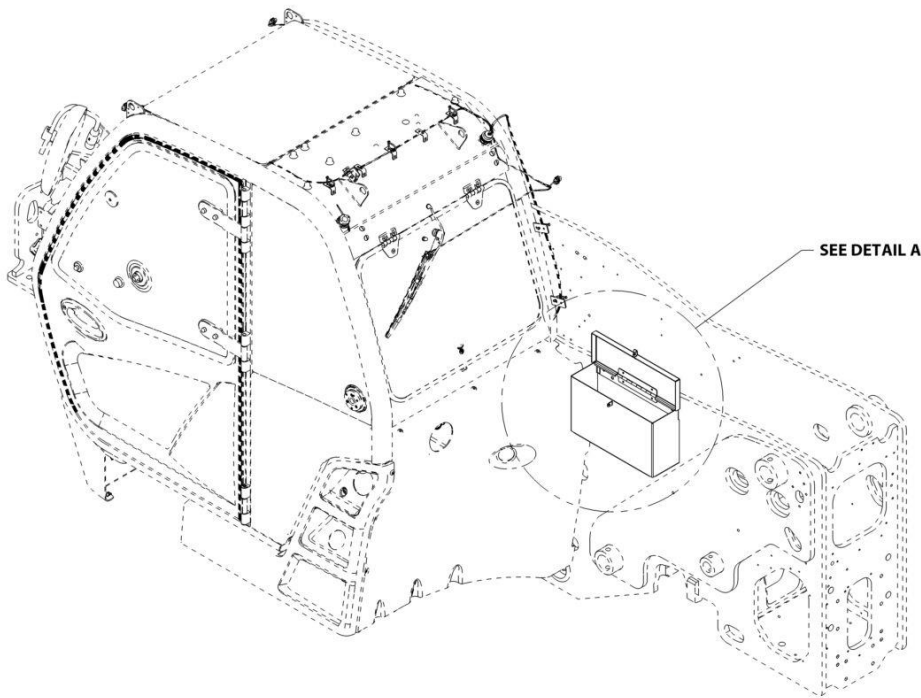
SECTION 1 - FRAME AND ATTACHING PARTS

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

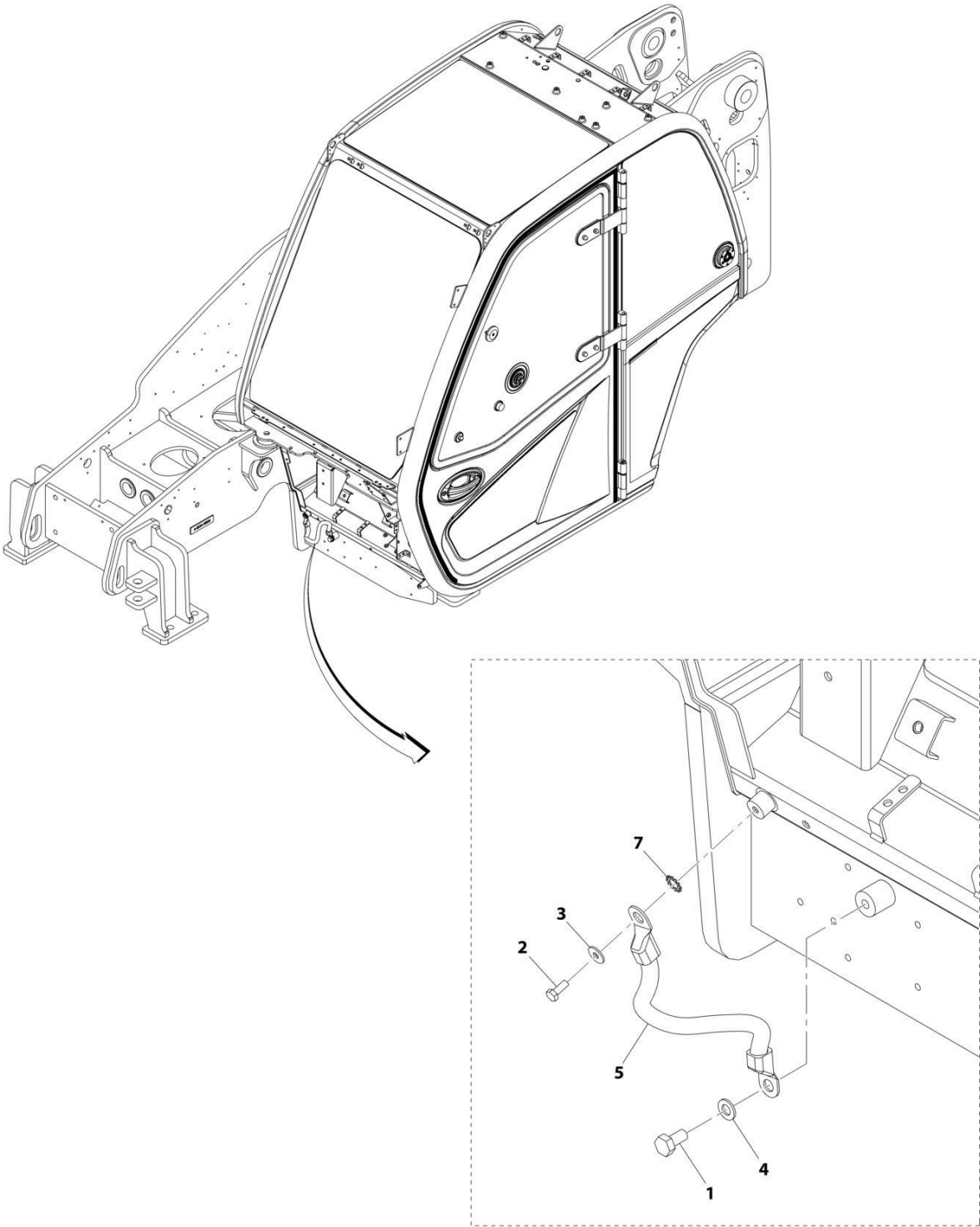
SECTION 1 - FRAME AND ATTACHING PARTS

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 1 - FRAME AND ATTACHING PARTS

FIGURE 1-34. GROUND STRAP INSTALLATION



ART_1001186646-D

SECTION 1 - FRAME AND ATTACHING PARTS

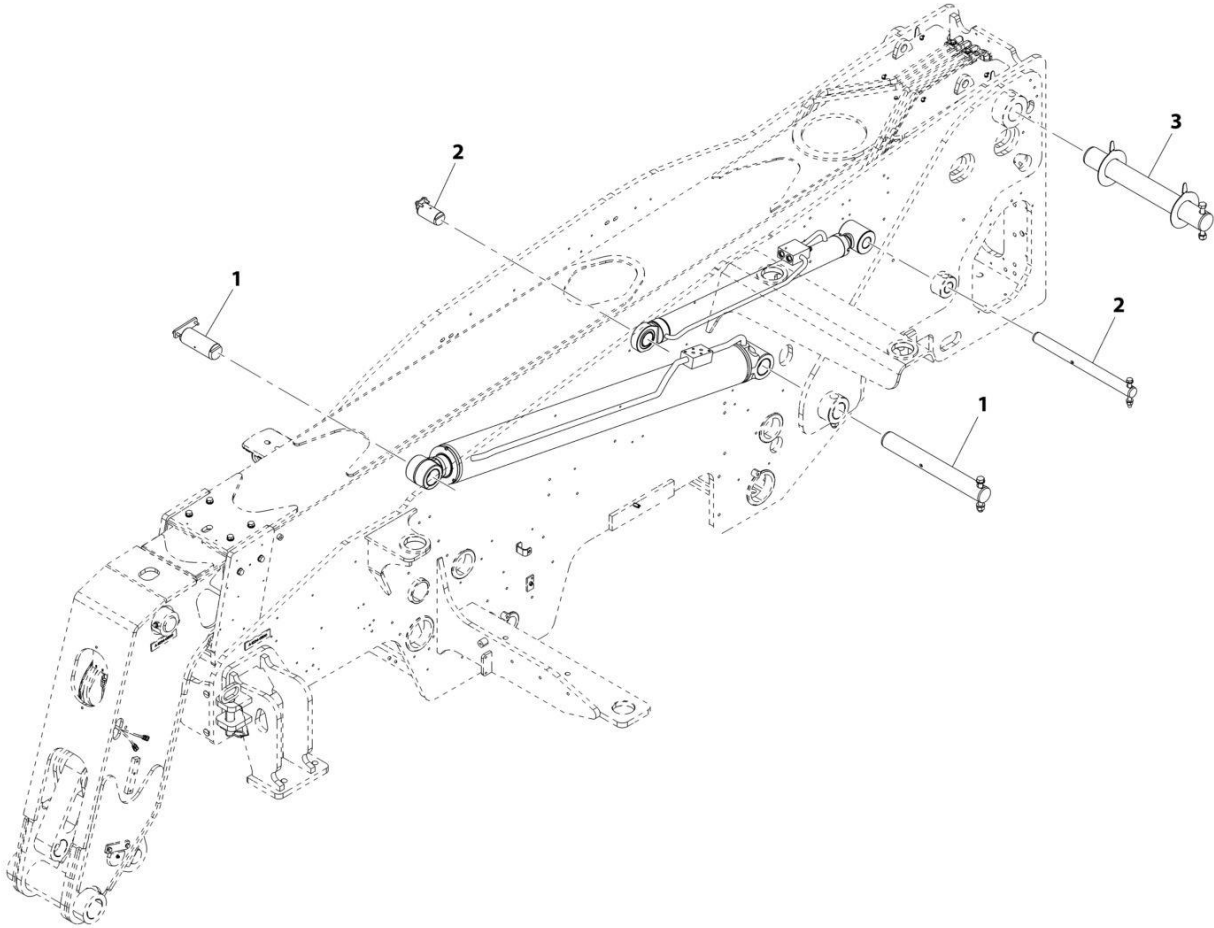
FIGURE 1-34. GROUND STRAP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186646	Ref	Earth Strap Installation	D
1	0761010	1	Bolt, M10X20	
2	0760608	1	Bolt, M6X16	
3	4811702	1	Washer, M6	
4	4812000	1	Washer, M10	
5	1001009038	1	Strap, Earth	
7	4872000	1	Washer, M10	

SECTION 2 - BOOM

SECTION 2 - BOOM

FIGURE 2-1. BOOM PINNING INSTALLATION



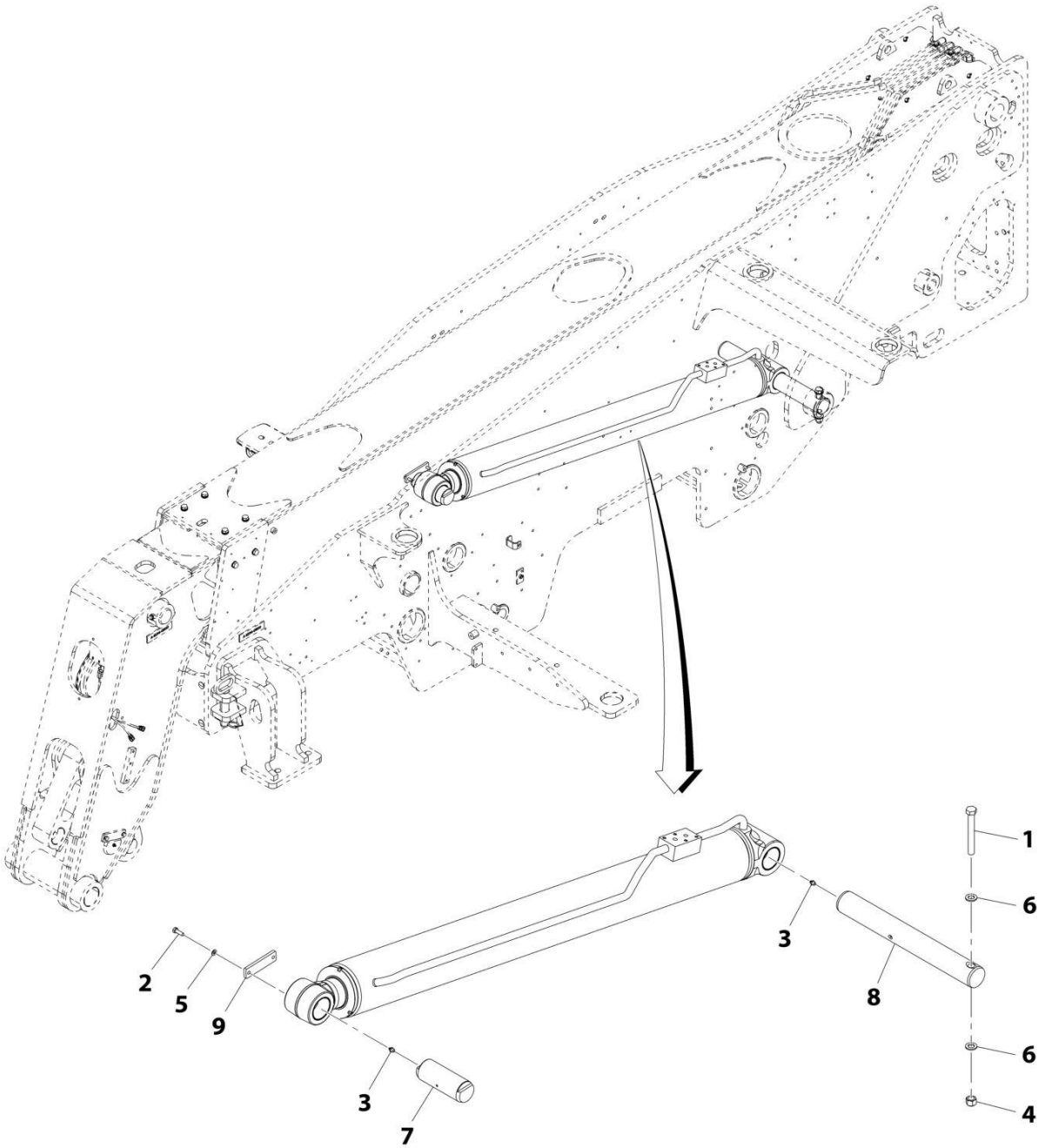
ART_1001256335-A

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



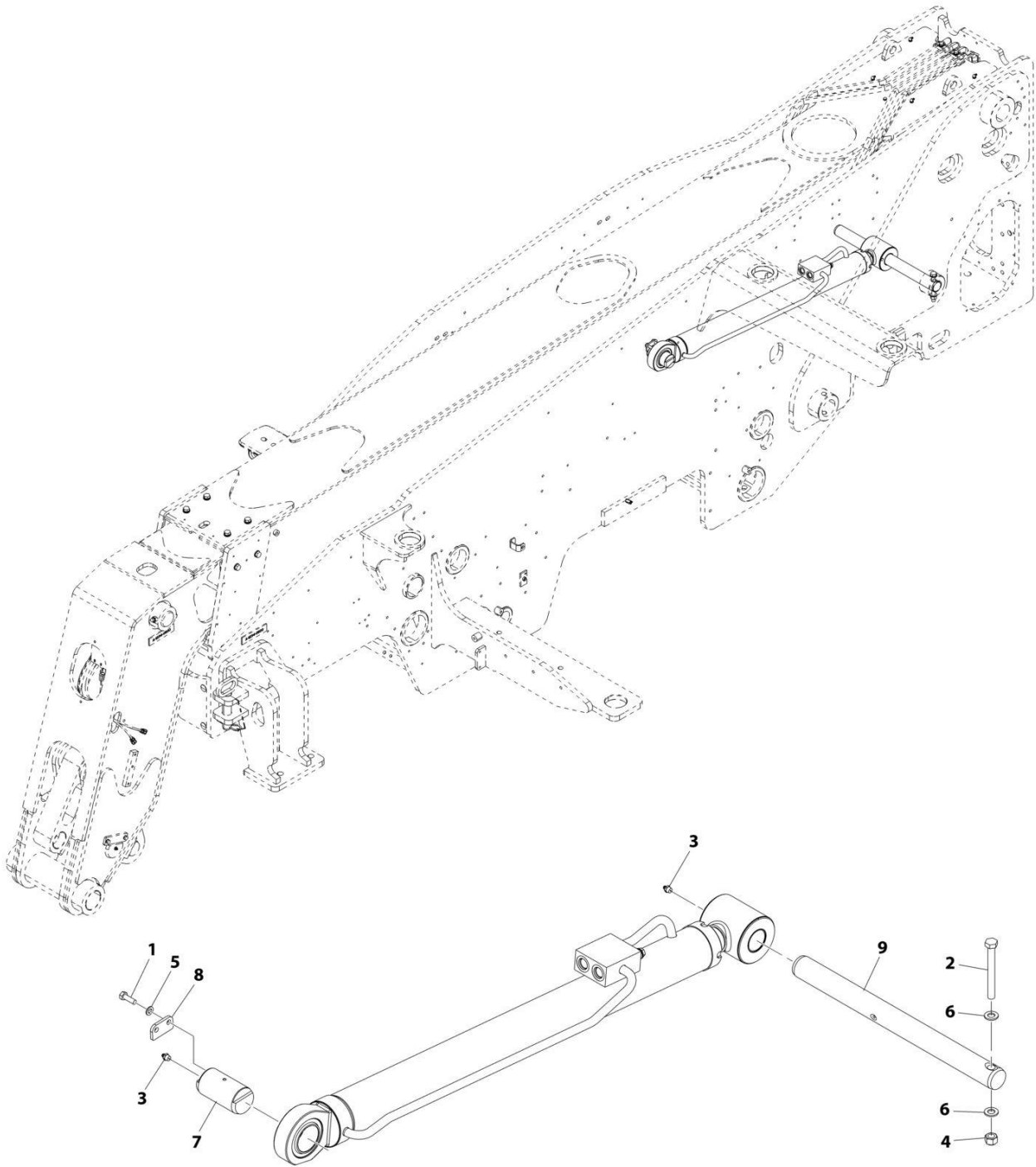
ART_1001256336-A

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



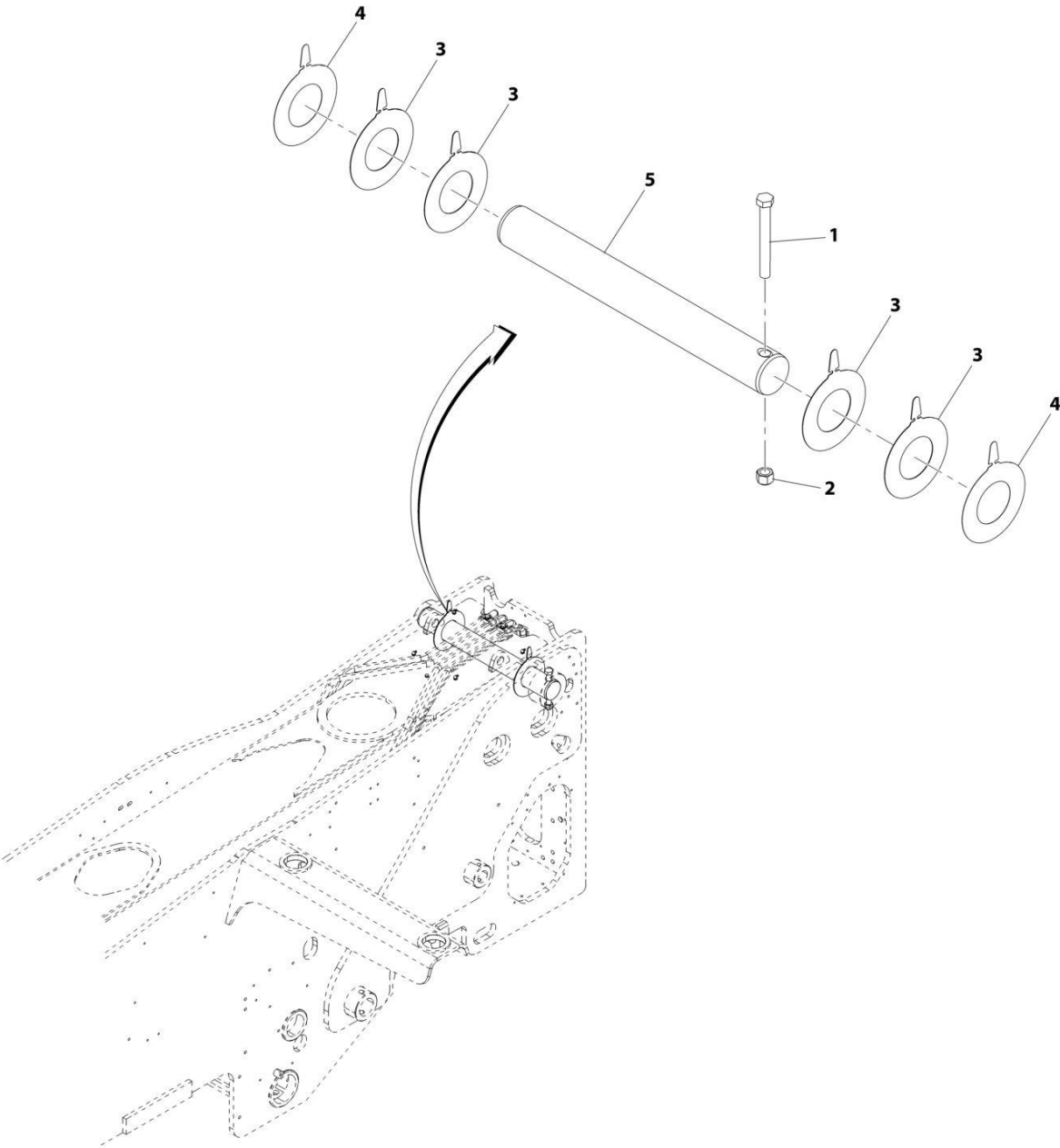
ART_1001256337-A

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



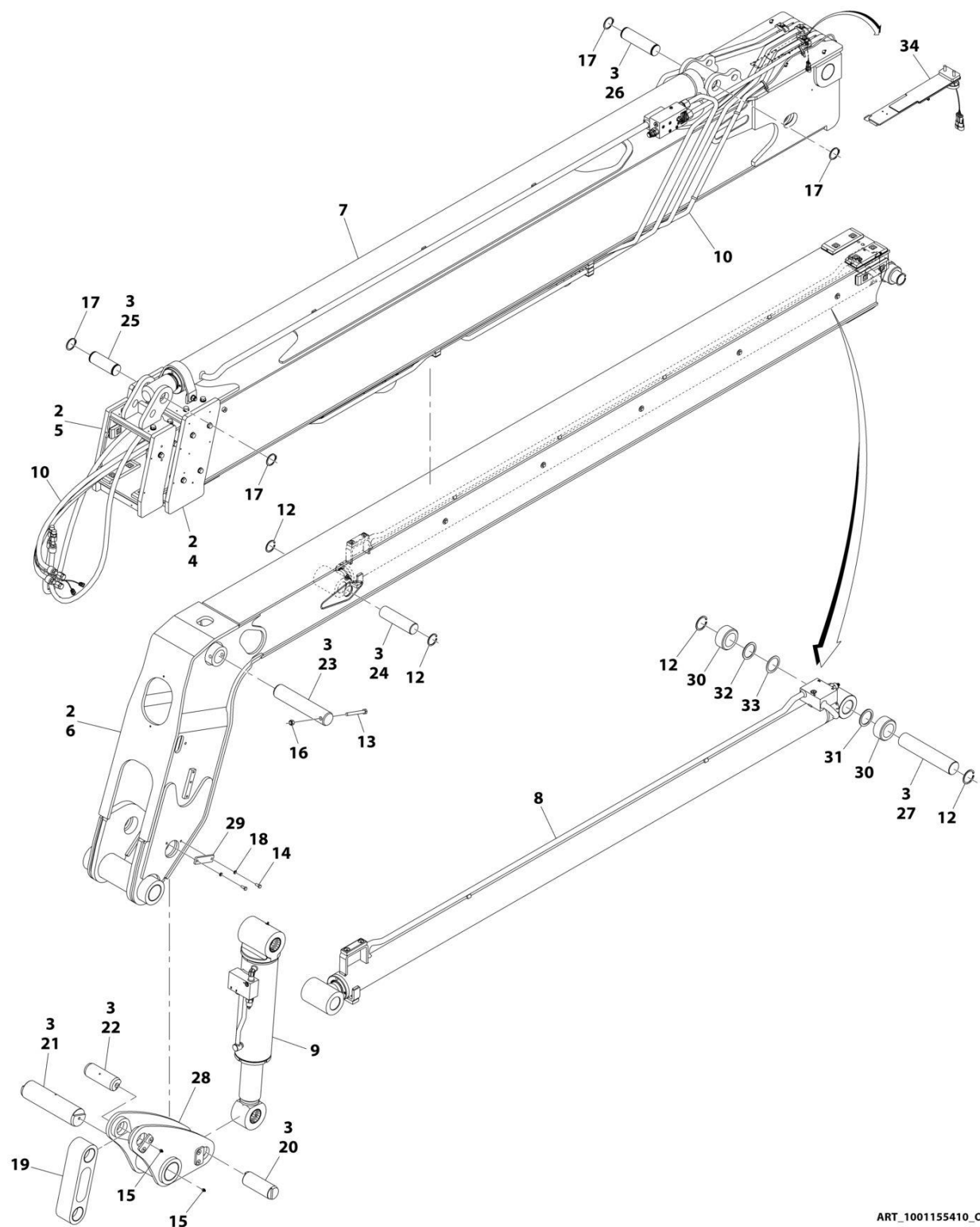
ART_1001256338-A

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



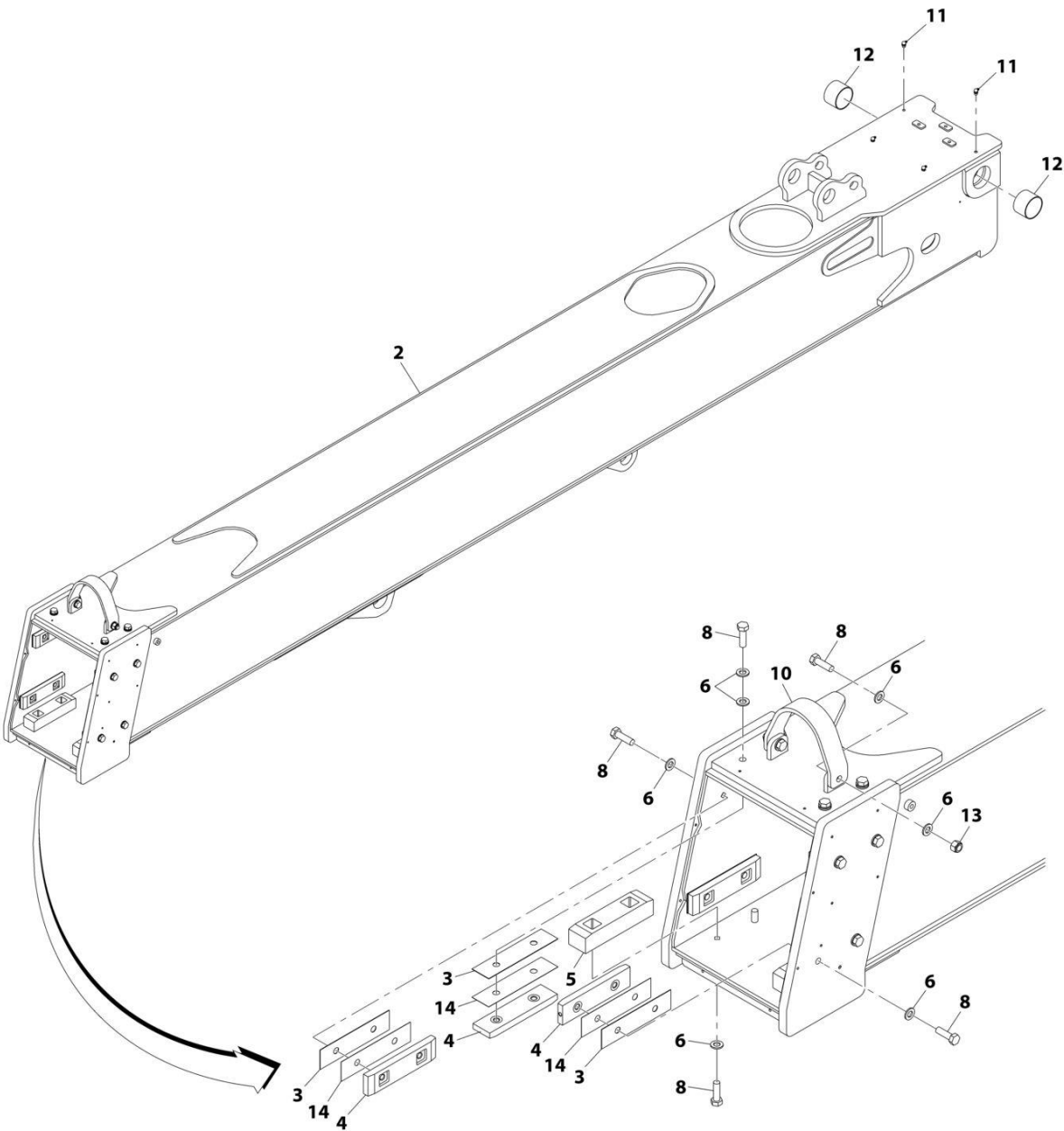
ART_1001155410_O

FIGURE 2-5. BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155410	Ref	Boom Assembly (JLG)	O
2	1001098457	AR	Lube, Lithium Grease	
3	3020040	AR	Lubricant, Moly Paste	
4	1001153862	1	Assembly, First Boom Section (JLG) (See Separate Breakdown in this Section)	
5	1001153863	1	Assembly, Second Boom Section (See Separate Breakdown in this Section)	
6	1001153864	1	Assembly, Third Boom Section (See Separate Breakdown in this Section)	
7	1001203313	1	Assembly, Outer Extend/Retract Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
8	1001175020	1	Cylinder, Inner Extend/Retract (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
9	1001276694	1	Assembly, Tilt Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
10	1001197212	Ref	Installation, Boom Hydraulic (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
12	314689	4	Retaining, Ring	
13	0711228	1	Bolt, M12X110 Grade 10.9	
14	0760810	2	Bolt, M8X20	
15	2160016	2	Fitting, Grease	
16	3291205	1	Nut, Lock M12X1.75 Grade 8	
17	3760493	4	Ring, Retaining	
18	4831900	2	Washer, Lock M8	
19	1001096870	1	Assembly, Link (See Separate Breakdown in this Section)	
20	1001175746	1	Pin, Tilt	
21	1001175747	1	Pin, Tilt Lower	
22	1001175749	1	Pin, Tilt Link	
23	1001175751	1	Pin, Tilt	
24	1001175753	1	Pin	
25	1001176426	1	Pin	
26	1001176437	1	Pin	
27	1001176439	1	Pin	
28	1001176407	1	Assembly, Lever (See Separate Breakdown in this Section)	
29	1001191621	1	Plate	
30	1001177670	2	Tube, Spacer	
31	1001155958	AR	Shim, M3	
32	1001155959	AR	Shim, M2	
33	1001155960	AR	Shim, M1	
34	1001184856	Ref	Installation, Boom Retract Sensor (See Separate Breakdown in ELECTRICAL Section)	

SECTION 2 - BOOM

FIGURE 2-6. FIRST BOOM SECTION ASSEMBLY



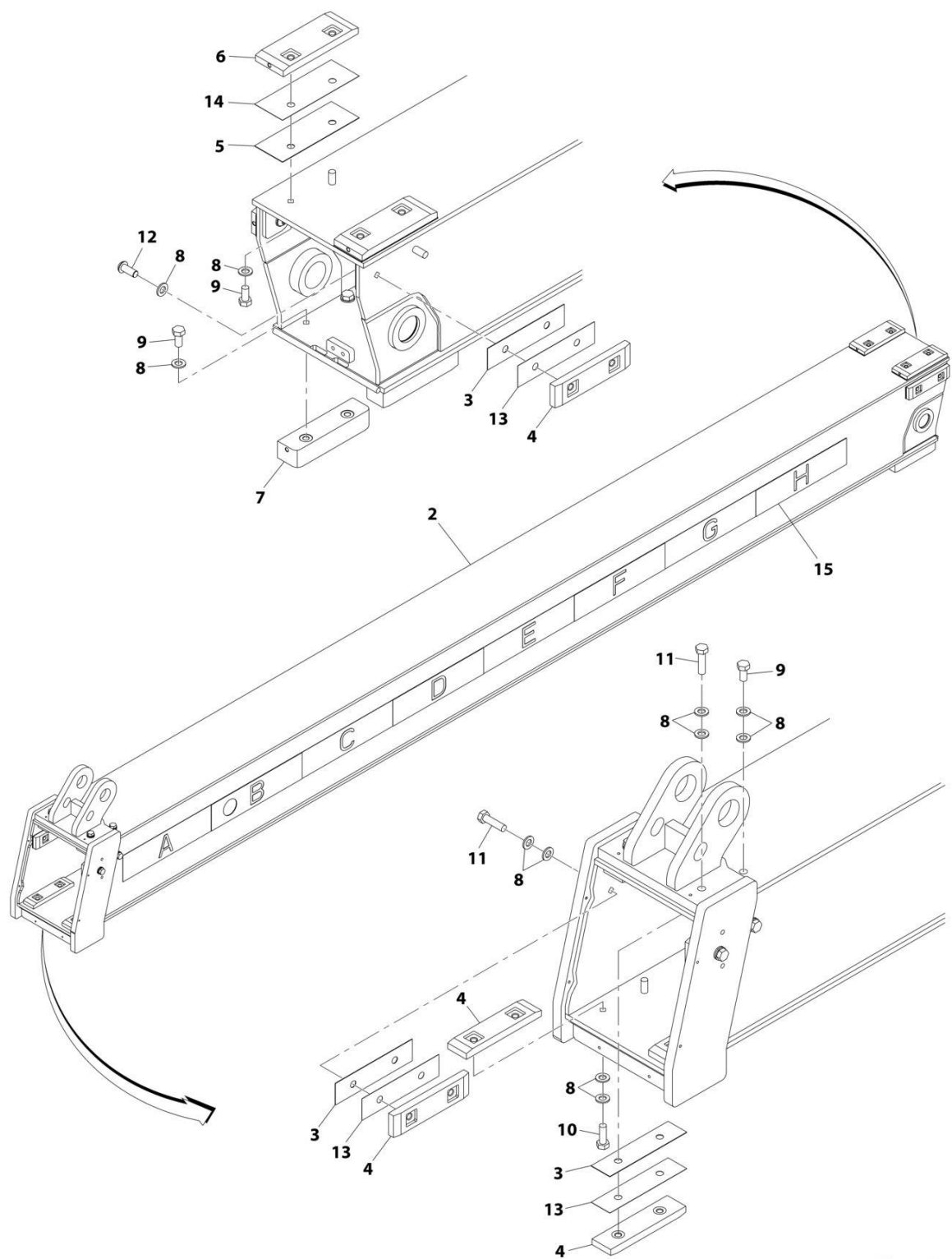
ART_1001153862-I

FIGURE 2-6. FIRST BOOM SECTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153862	Ref	First Boom Section Assembly	I
2	1001172321J	1	Boom, First	
3	1001147731	AR	Shim, M1X45X185	
4	1001147657	6	Pad, M15X45X181	
5	1001175853	2	Pad, M38X45X181	
6	1001125117	AR	Washer, M12	
8	0711216	18	Bolt, M12X40, Grade 10.9	
10	1001200696	1	Strap	
11	2160018	4	Fitting, Grease	
12	1001090150	2	Bearing	
13	3291205	2	Nut M12X1.75 Grade 8	
14	1001154174	AR	Shim, M0.5X45X185	

SECTION 2 - BOOM

FIGURE 2-7. SECOND BOOM SECTION ASSEMBLY



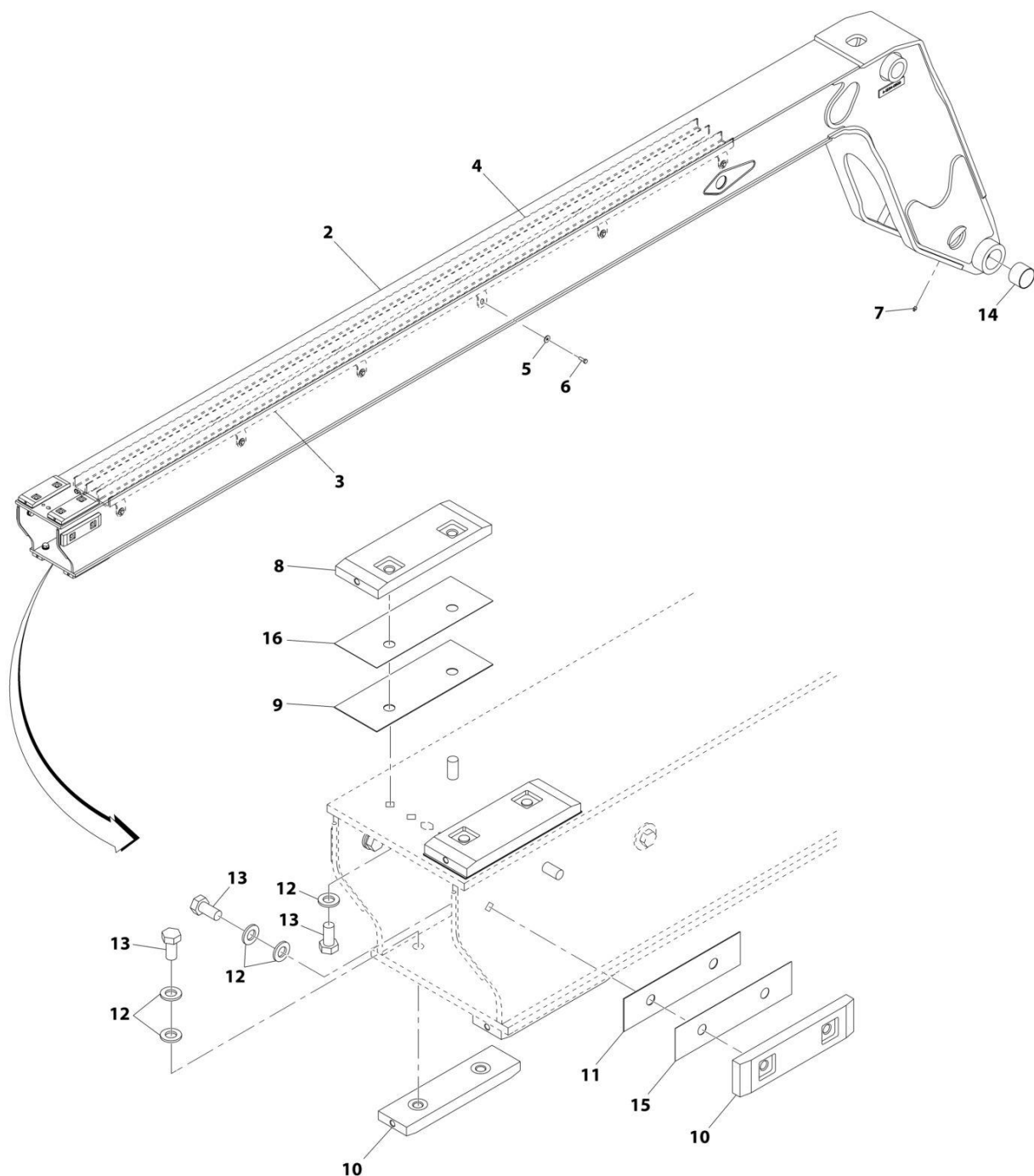
ART_1001153863-G

FIGURE 2-7. SECOND BOOM SECTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153863	Ref	Second Boom Section Assembly	H
2	1001172402	1	Boom, Second	
3	1001147731	AR	Shim, M1X45X185	
4	1001147657	8	Pad, M15X45X181	
5	1001148147	AR	Shim, M1X67.5X185	
6	1001148103	2	Pad, M15X67.5X181	
7	1001175911	2	Pad, M38X45X181	
8	1001125117	AR	Washer, M12	
9	0771212	16	Bolt, M12X25 Grade 10.9	
10	0711215	2	Bolt, M12X35 Grade 10.9	
11	0711217	4	Bolt, M12X45 Grade 10.9	
12	1001105260	2	Screw, M12X30	
13	1001154174	AR	Shim, M0.5X45X185	
14	1001154176	AR	Shim, M0.5X67.5X185	
15	1001227229	1	Decal, Boom	
16	1001163103	AR	Shime	

SECTION 2 - BOOM

FIGURE 2-8. THIRD BOOM SECTION ASSEMBLY



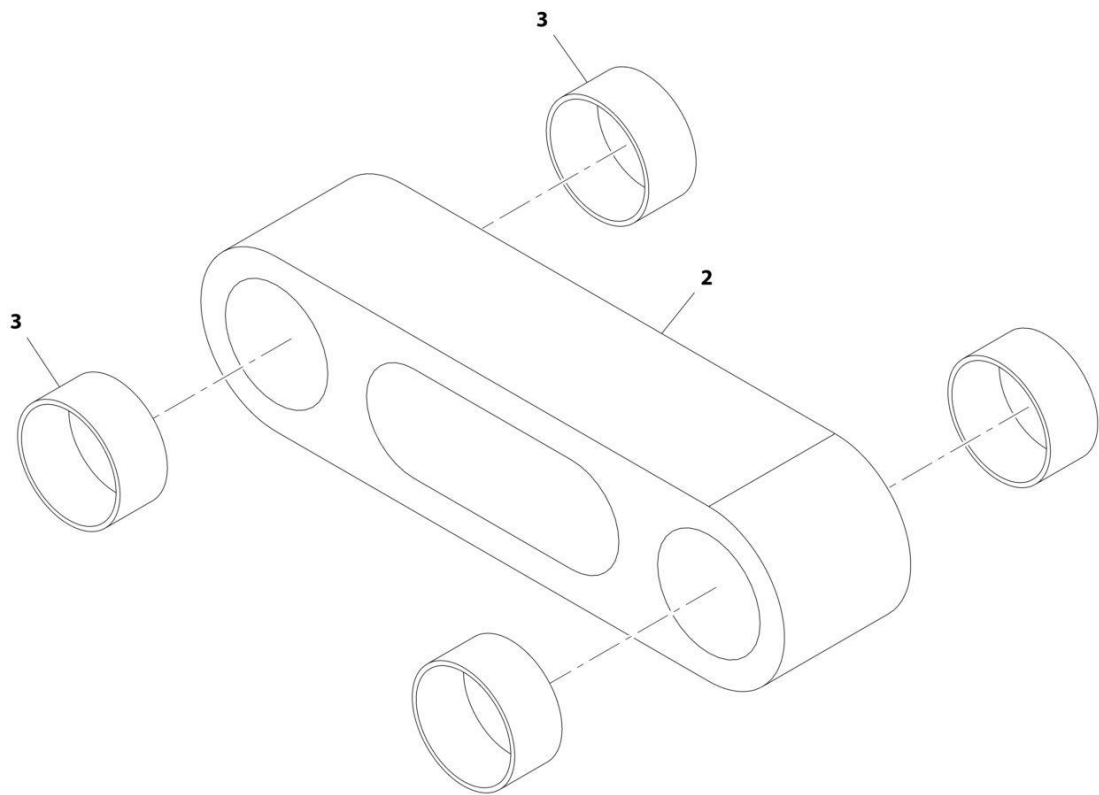
ART_1001153864-G

FIGURE 2-8. THIRD BOOM SECTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153864	Ref	Third Boom Section Assembly	G
2	1001172295	1	Boom, Third	
3	1001174557	1	Support, Hose	
4	1001175661	1	Support, Hose	
5	4811902	12	Washer, M8	
6	0760812	12	Bolt, M8X25	
7	2160016	1	Fitting, Grease	
8	1001148103	2	Pad, M15X67.5X181	
9	1001148147	AR	Shim, M1X67.5X185	
10	1001147657	4	Pad, M15X45X181	
11	1001147731	AR	Shim, M1X45X185	
12	1001125117	AR	Washer, M12	
13	0771212	12	Bolt, M12X25 Grade 10.9	
14	1001090150	2	Bearing	
15	1001154174	AR	Shim, M0.5X45X185	
16	1001154176	AR	Shim, M0.5X67.5X185	

SECTION 2 - BOOM

FIGURE 2-9. LINK ASSEMBLY



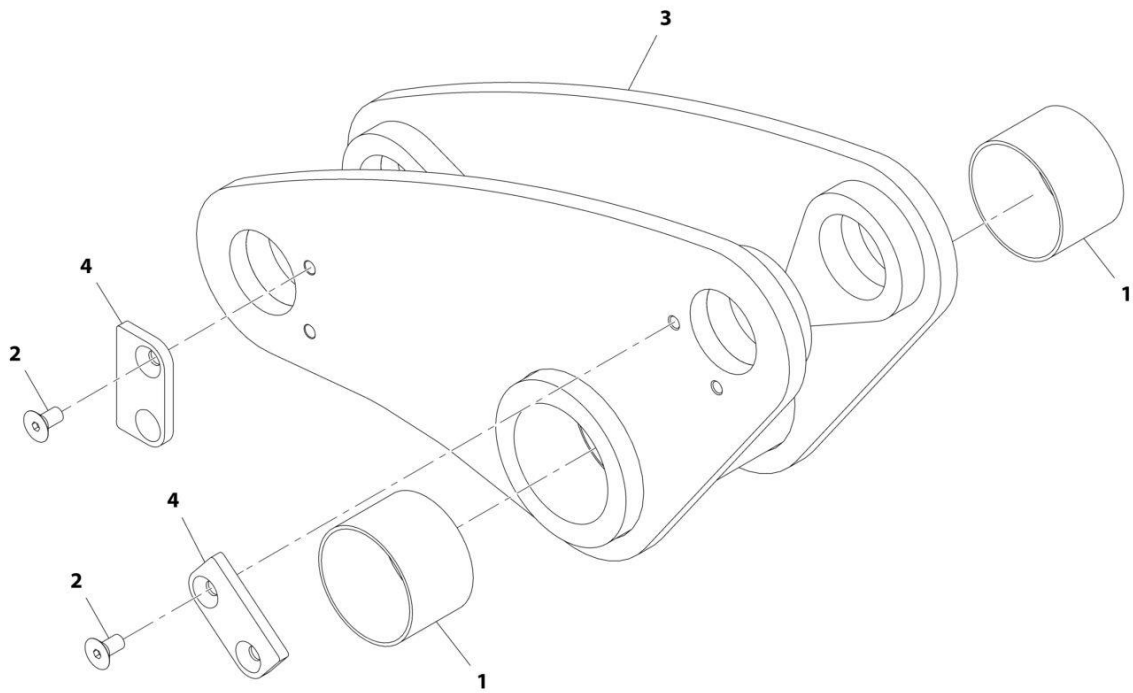
ART_1001096870-B

FIGURE 2-9. LINK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001096870	Ref	Link Assembly	B
2	1001096726	NSS	Link (Use PN 1001096870 Link Assembly	
3	1001100442	4	Bearing	

SECTION 2 - BOOM

FIGURE 2-10. LEVER ASSEMBLY



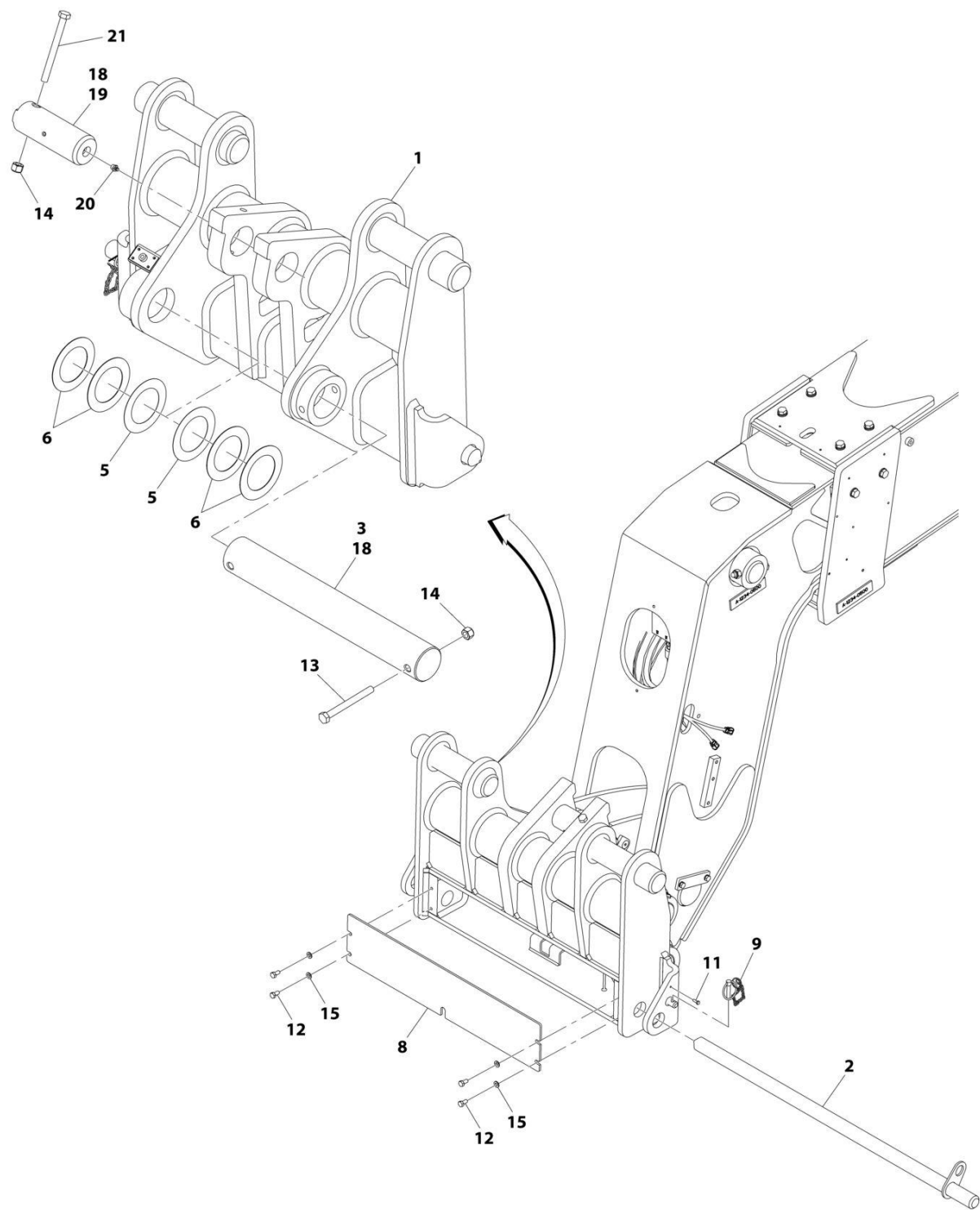
ART_1001176407-C

FIGURE 2-10. 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	

SECTION 2 - BOOM

FIGURE 2-11. MANUAL QUICK COUPLER INSTALLATION



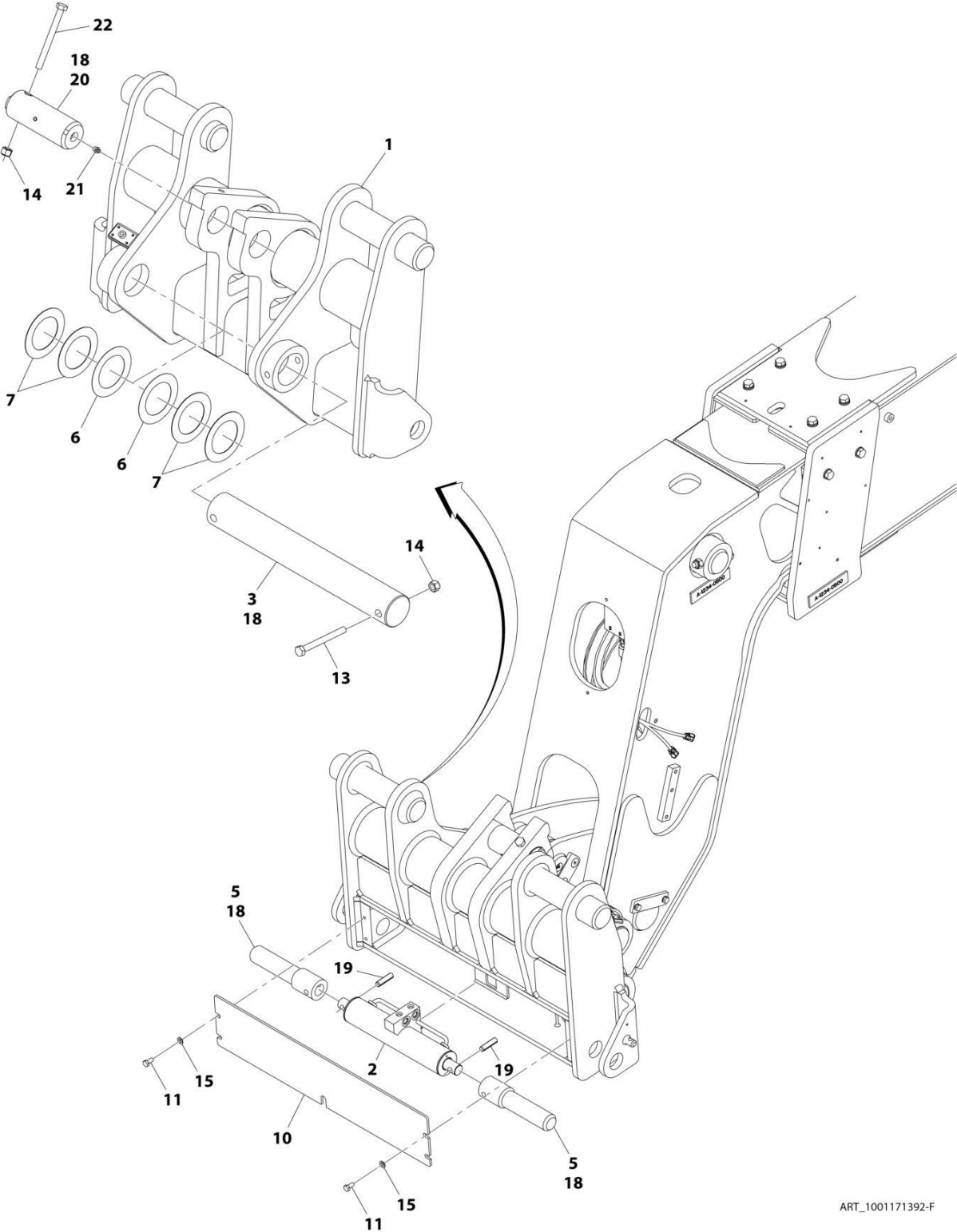
ART_1001178526-E

FIGURE 2-11. 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 2-12. HYDRAULIC QUICK COUPLER INSTALLATION



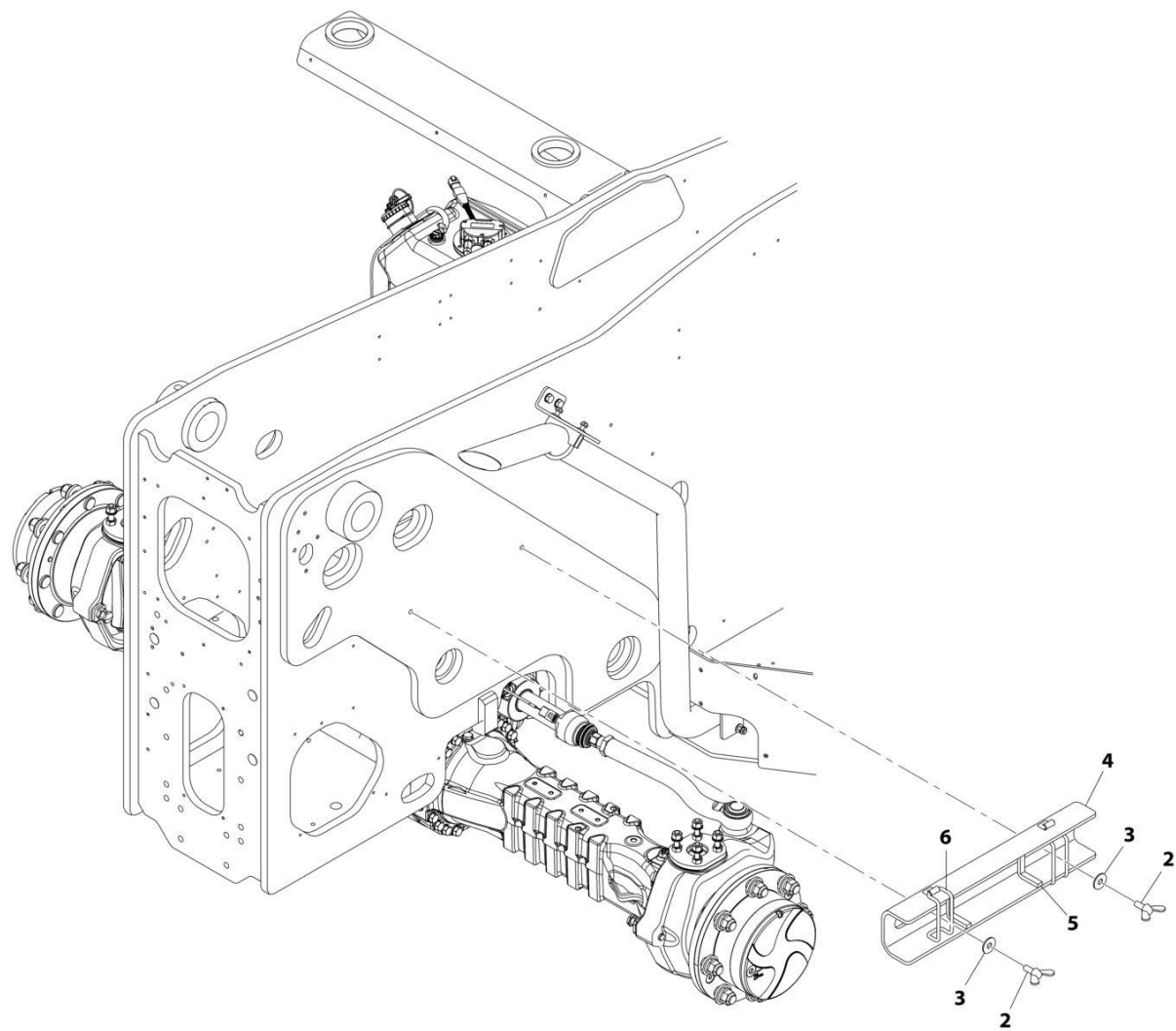
ART_1001171392-F

FIGURE 2-12. 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 2-13. BOOM PROP INSTALLATION



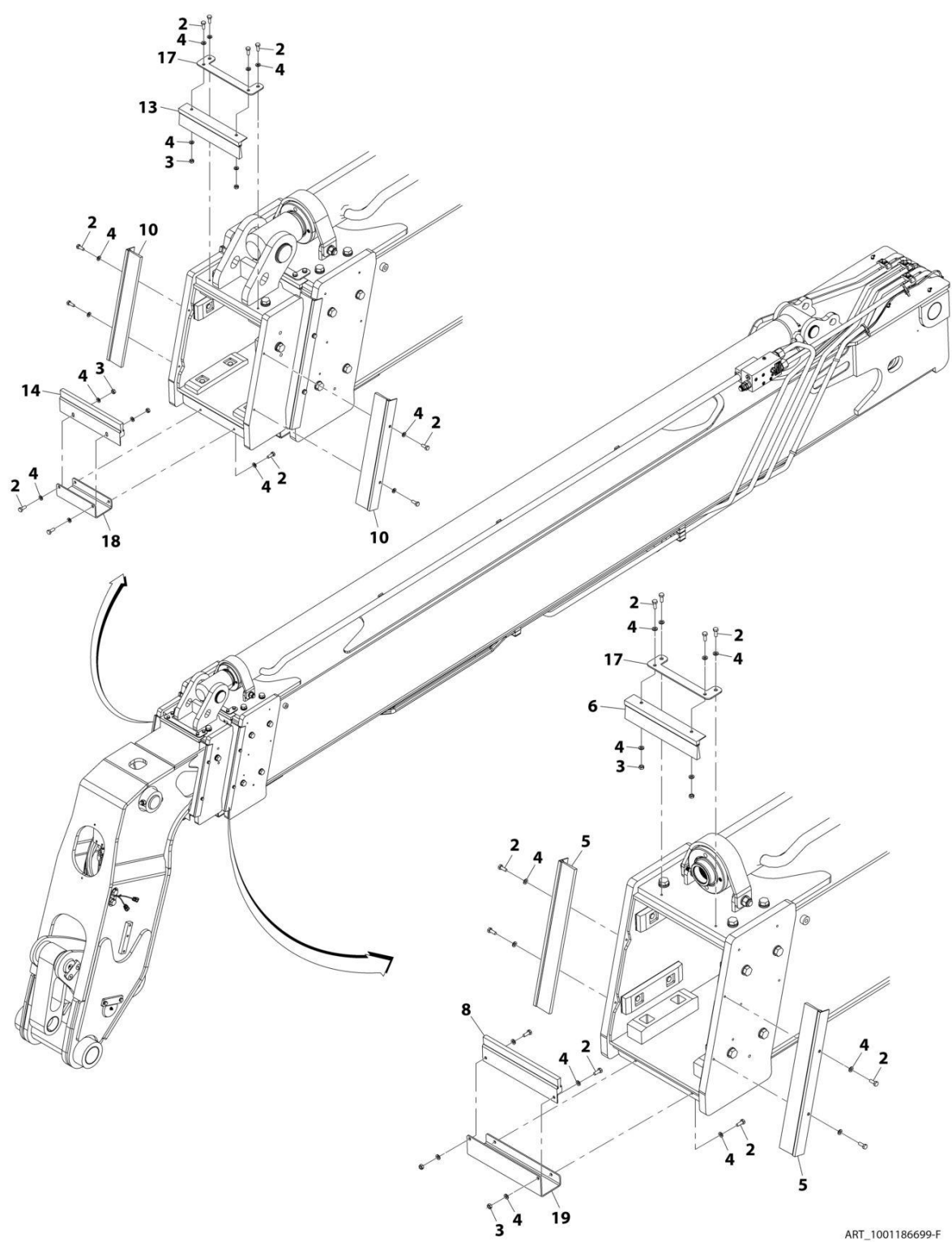
ART_1001189475-D

FIGURE 2-13. 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 2-14. BOOM BRUSHES INSTALLATION



ART_1001186699-F

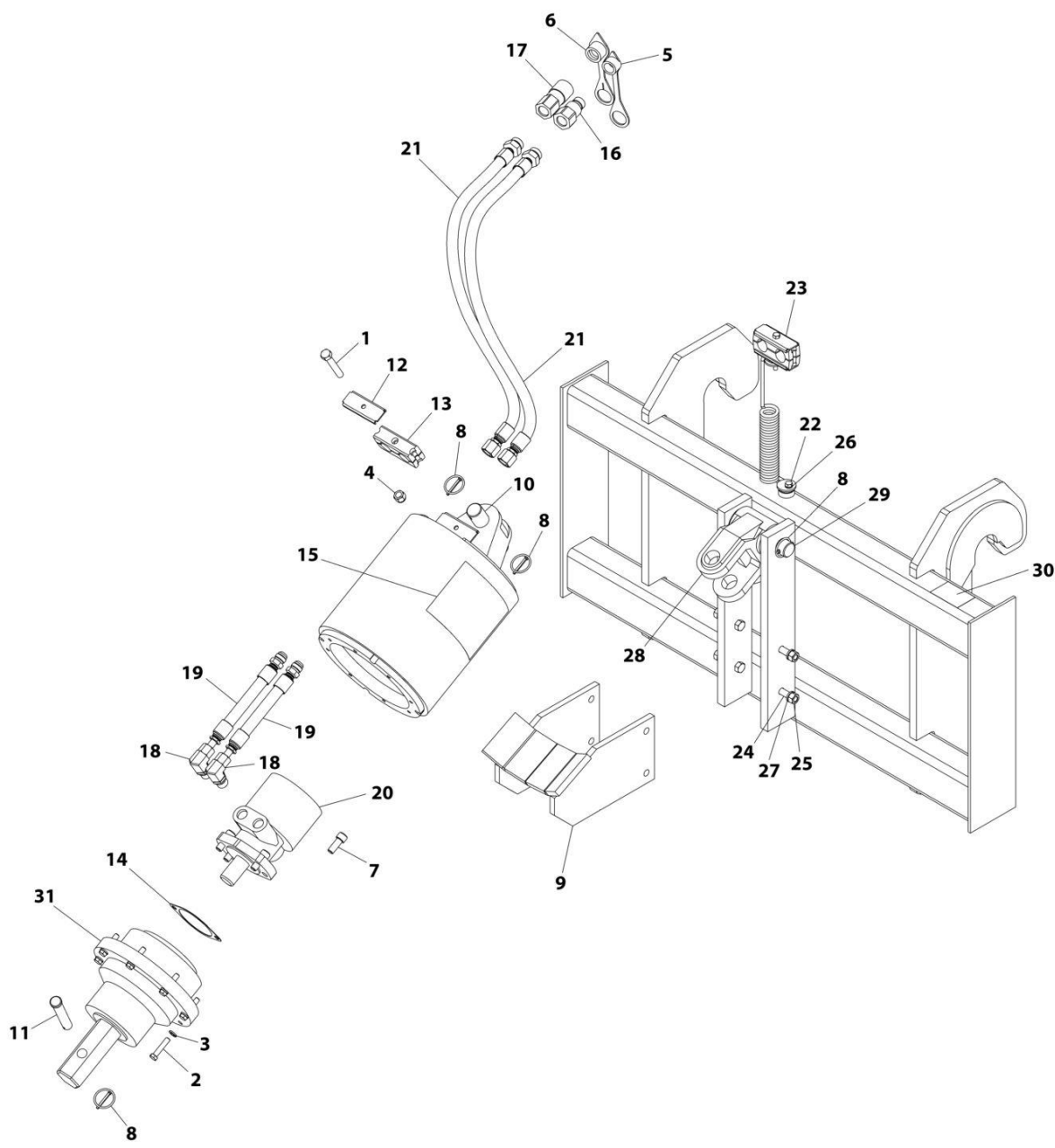
FIGURE 2-14. BOOM BRUSHES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186699	Ref	Boom Brushes Installation	F
2	0760608	24	Bolt, M6X16	
3	3290601	8	Nut, M6X1 Grade 8	
4	4811700	32	Washer, M6	
5	1001184423	2	Seal, Boom Brush	
6	1001184507	1	Seal, Boom Brush	
8	1001202316	1	Seal, Boom Brush	
10	1001183676	2	Seal, Boom Brush	
13	1001186895	1	Seal, Boom Brush	
14	1001186896	1	Seal, Boom Brush	
17	1001214868	2	Bracket, Boom Brush Top	
18	1001214881	1	Bracket, Boom Brush Bottom	
19	1001214882	1	Bracket, Boom Brush Bottom	

SECTION 3 - ATTACHMENTS

SECTION 3 - ATTACHMENTS

FIGURE 3-1. AUGER COUPLING



ART_1001206173-B

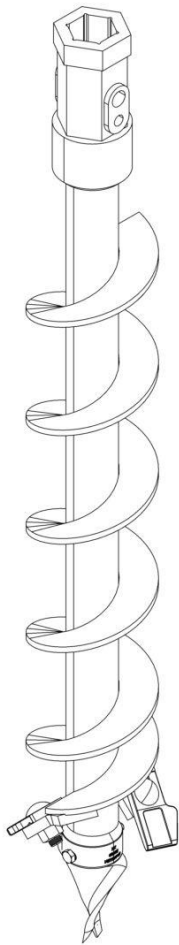
SECTION 3 - ATTACHMENTS

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

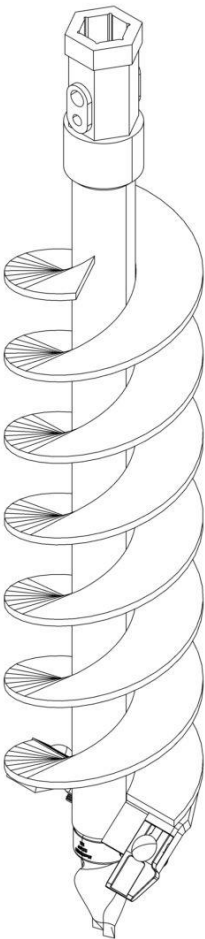
SECTION 3 - ATTACHMENTS

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

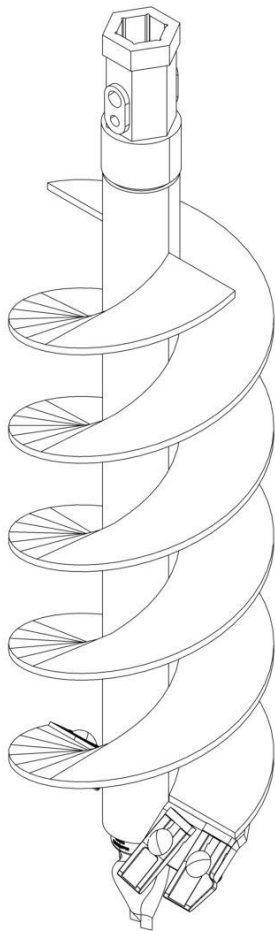
SECTION 3 - ATTACHMENTS

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

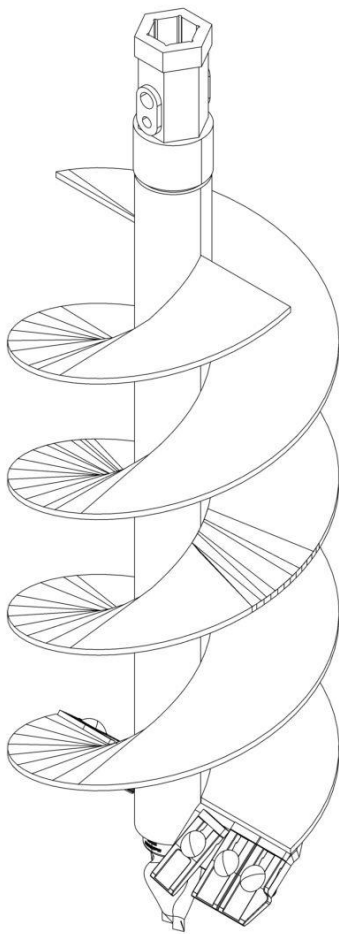
SECTION 3 - ATTACHMENTS

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

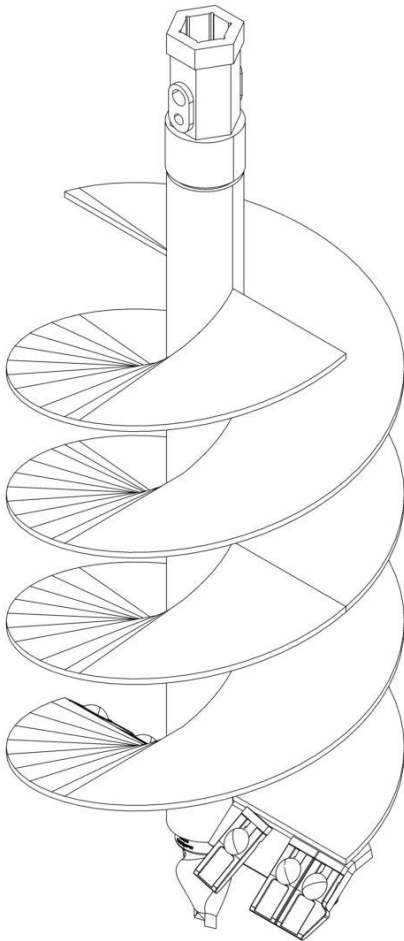
SECTION 3 - ATTACHMENTS

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

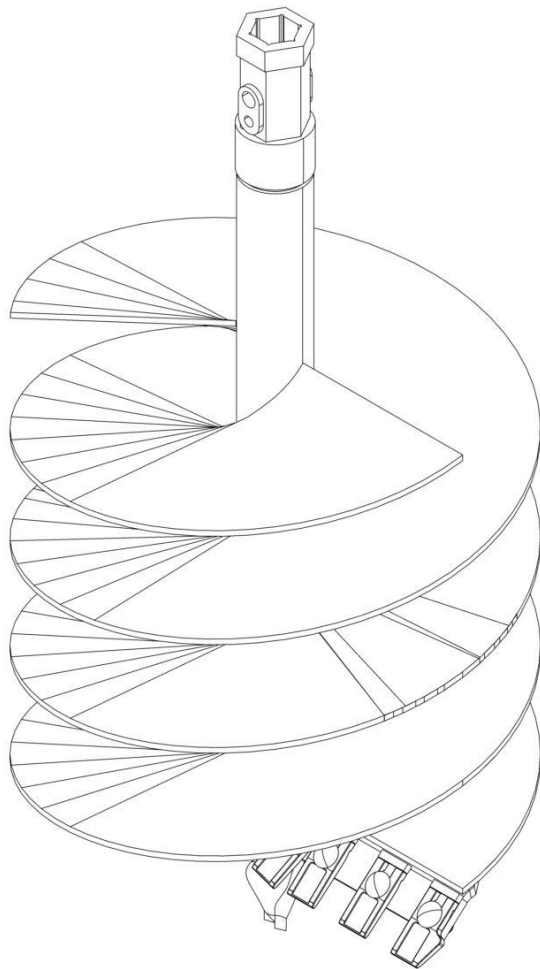
SECTION 3 - ATTACHMENTS

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

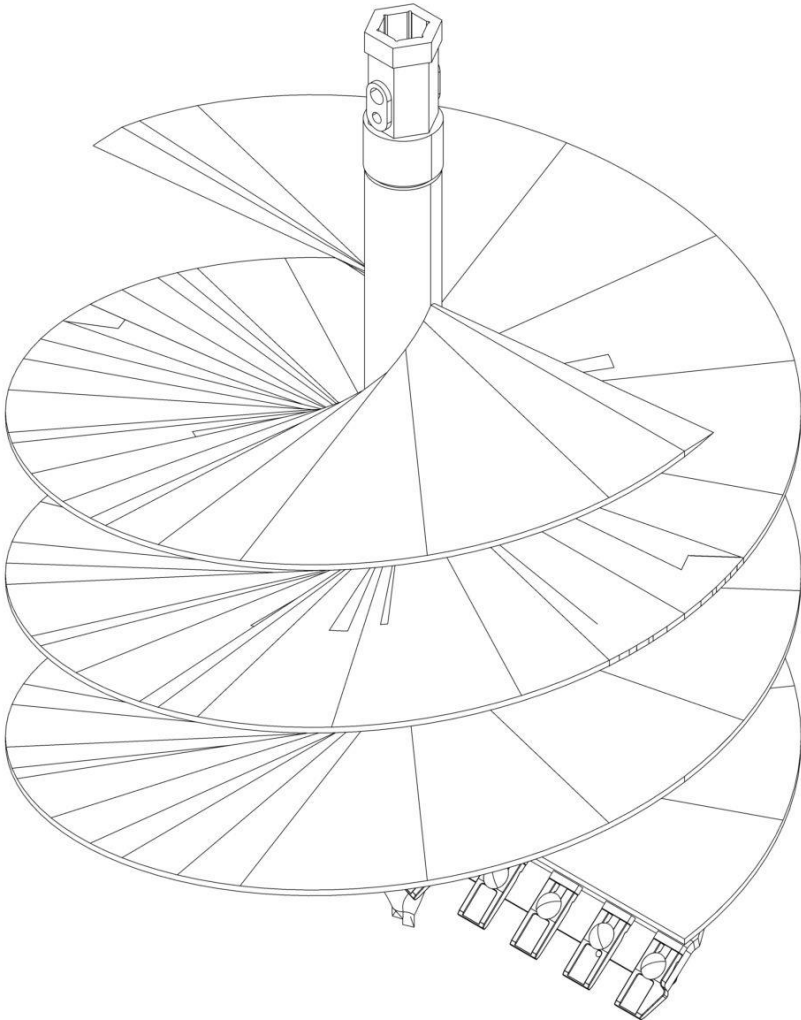
SECTION 3 - ATTACHMENTS

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

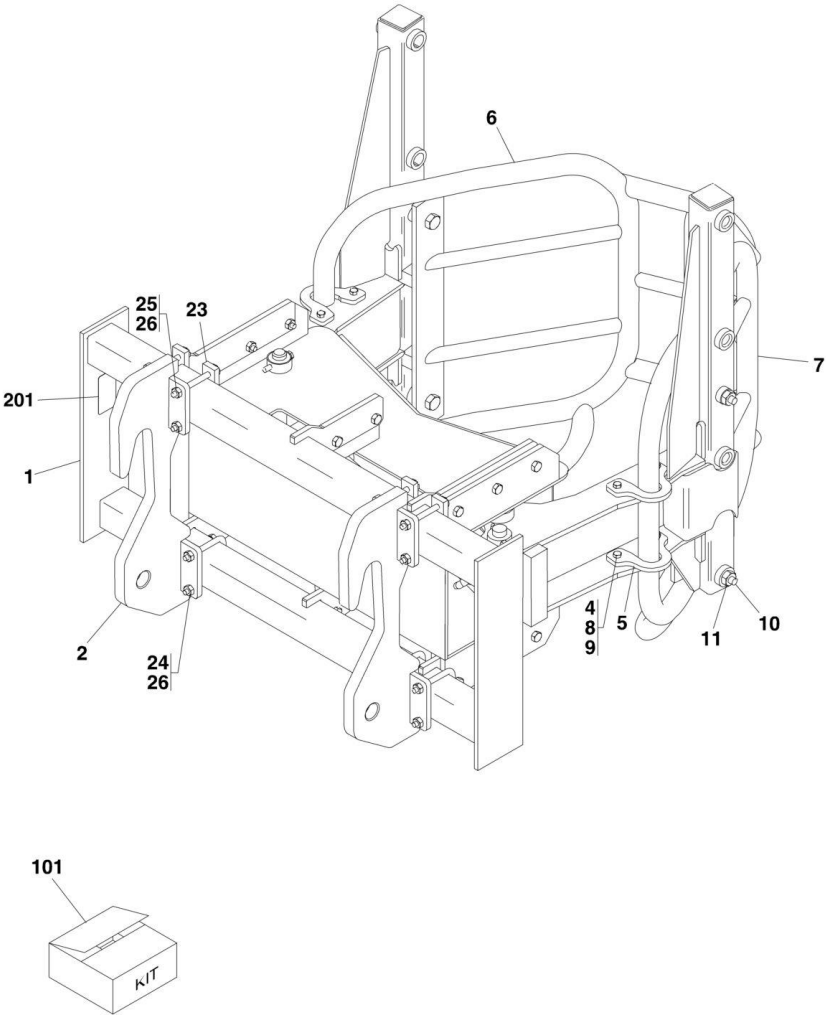
SECTION 3 - ATTACHMENTS

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

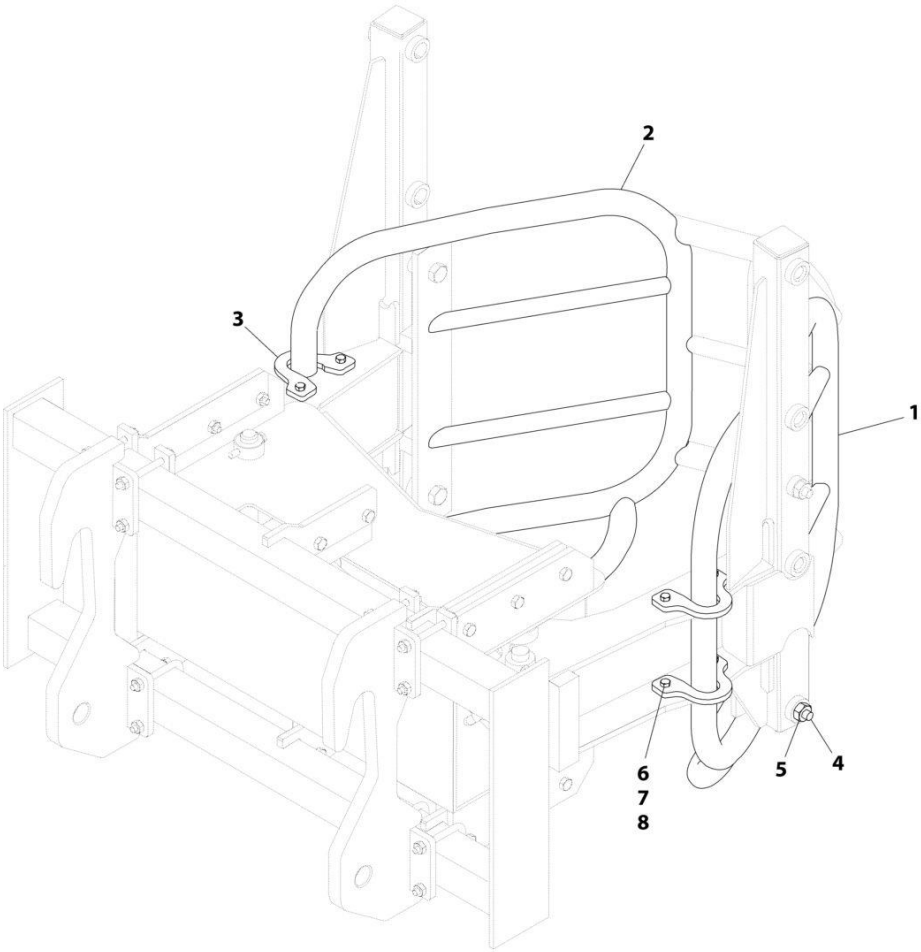
SECTION 3 - ATTACHMENTS

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

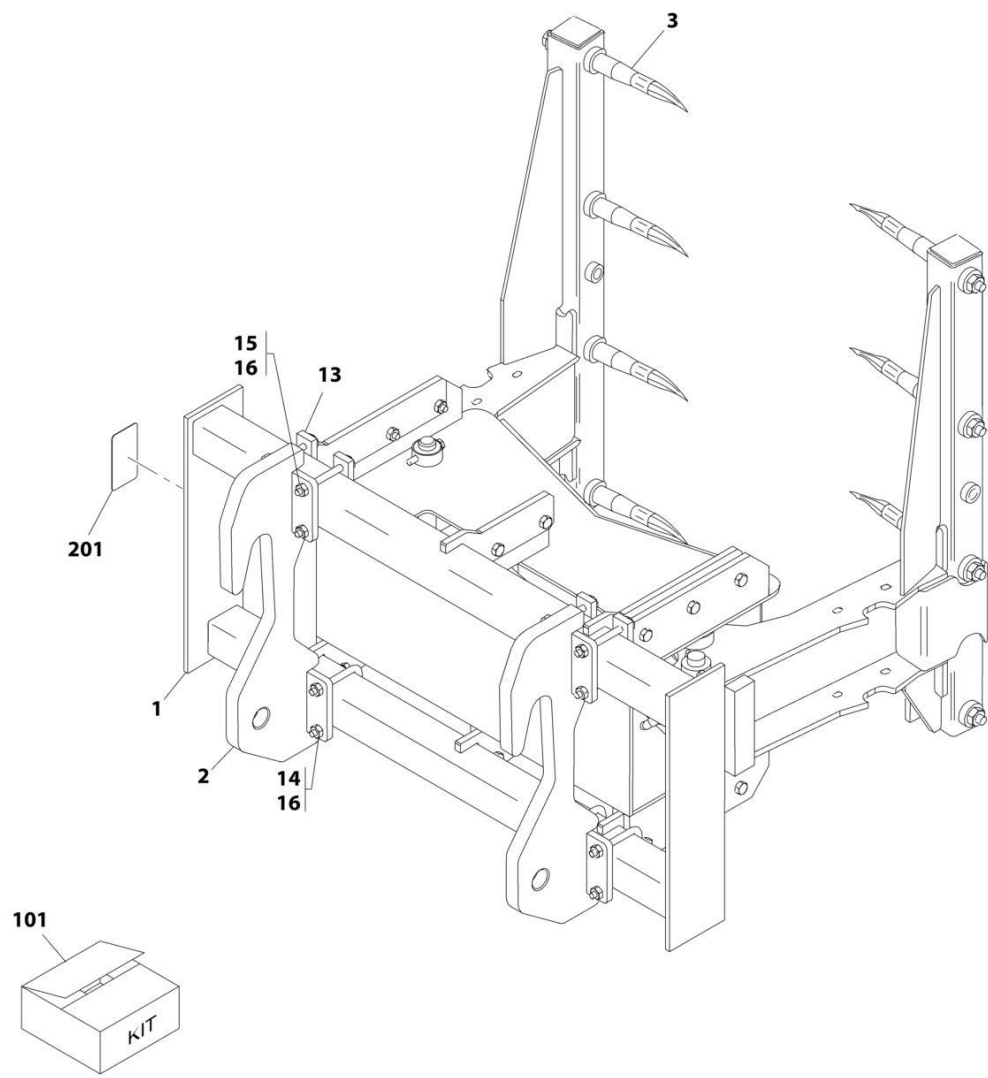
SECTION 3 - ATTACHMENTS

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

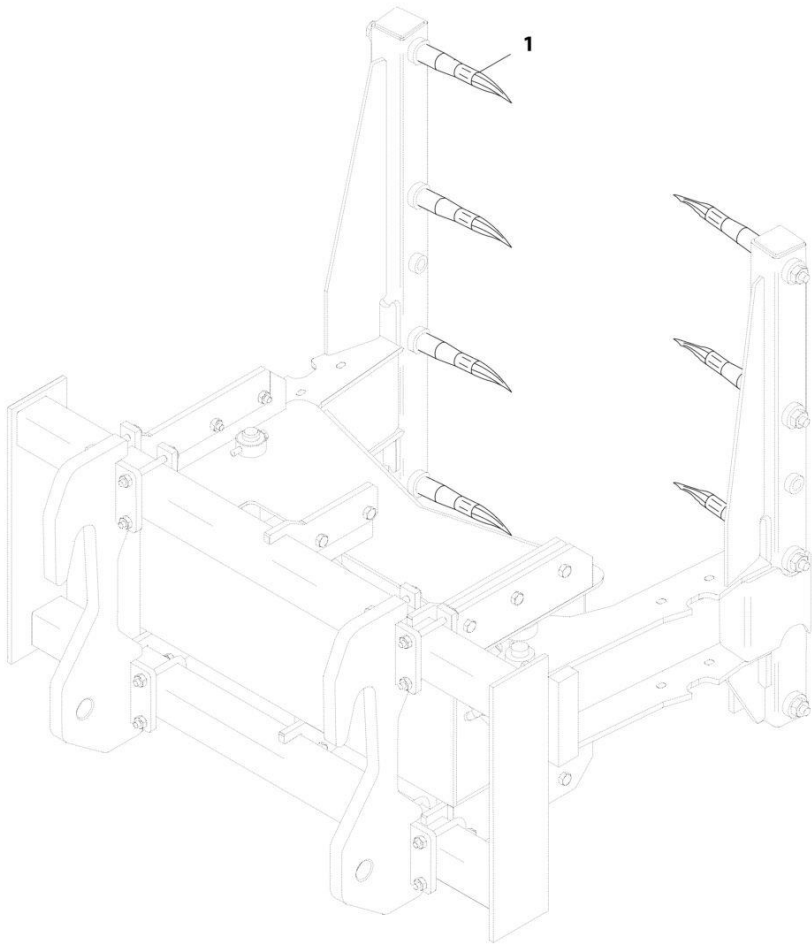
SECTION 3 - ATTACHMENTS

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

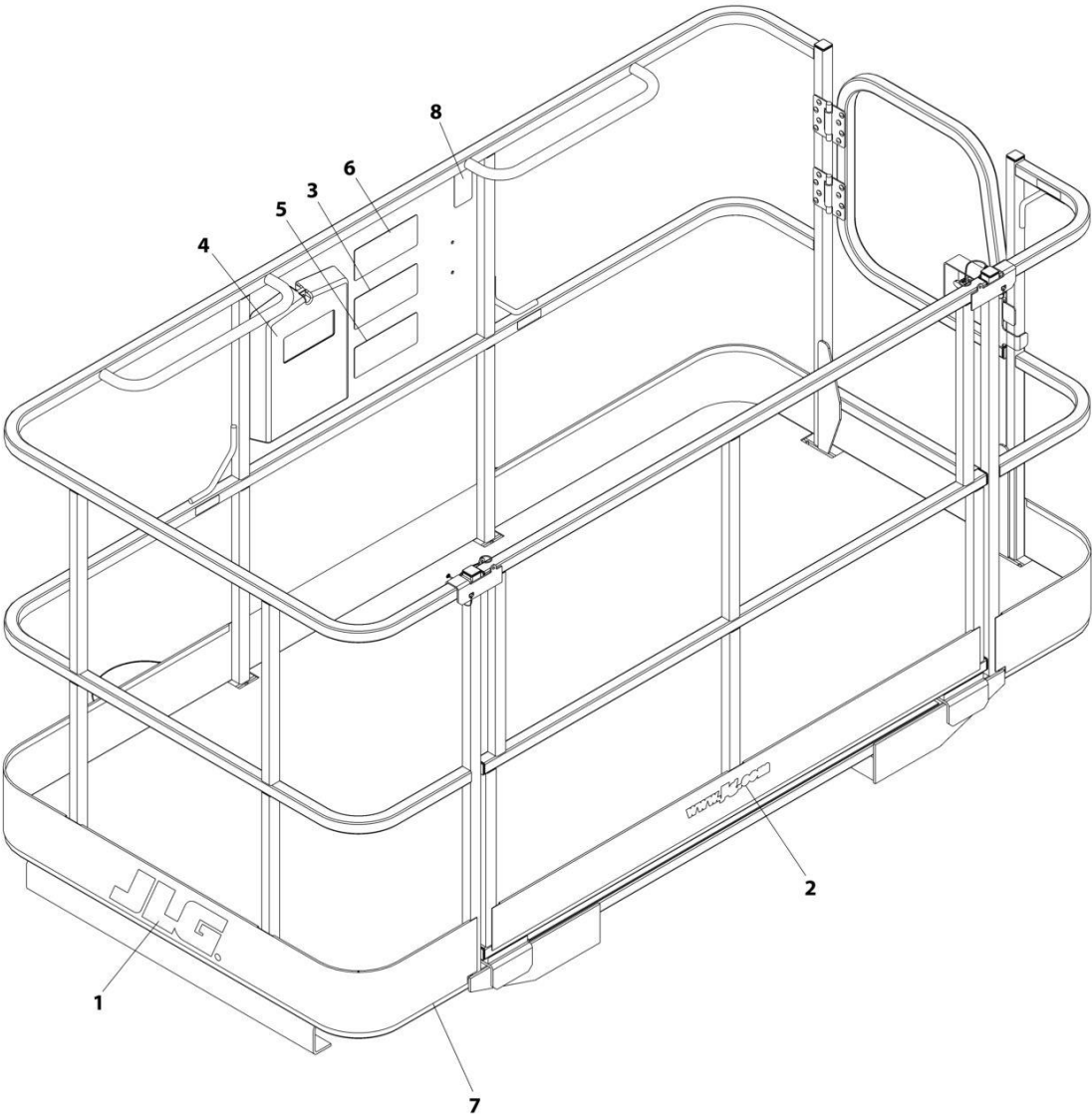
SECTION 3 - ATTACHMENTS

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 PERSONNEL (1.2MX2.4M) (DOMESTIC)



ART_1001238653-A

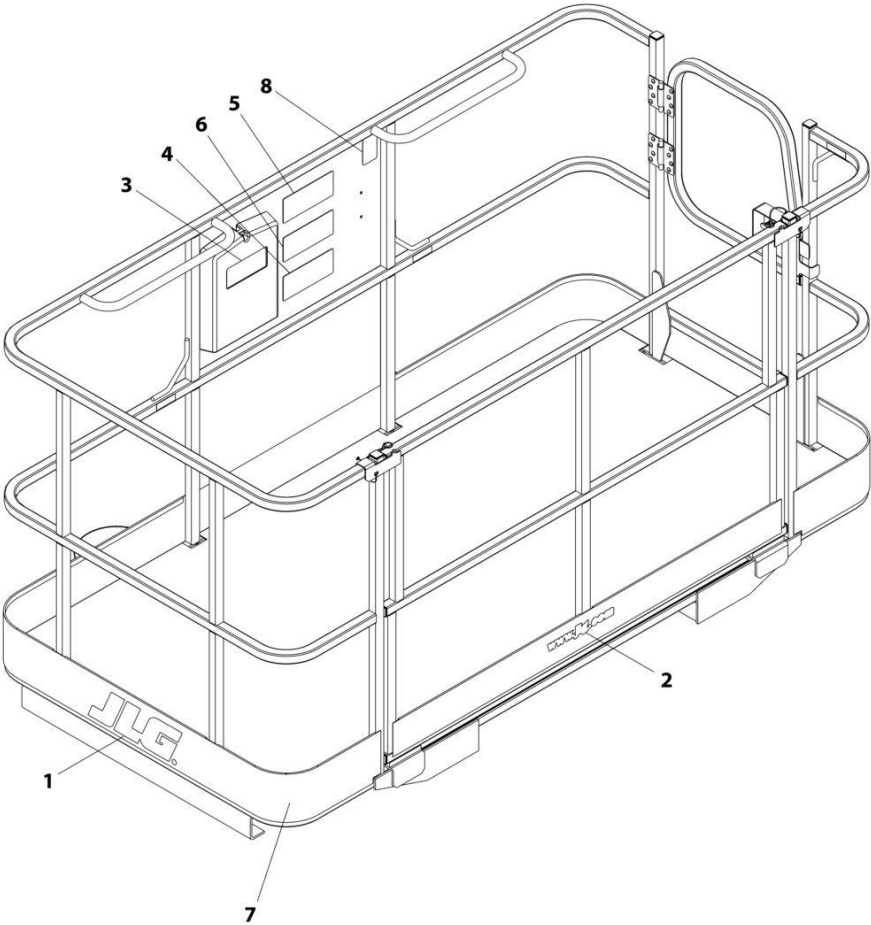
SECTION 3 - ATTACHMENTS

FIGURE 3-13. BASKET PERSONNEL (1.2MX2.4M) (DOMESTIC)

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 PERSONNEL (1.2MX2.4M) (FRENCH LANGUAGE)



ART_1001238655-A

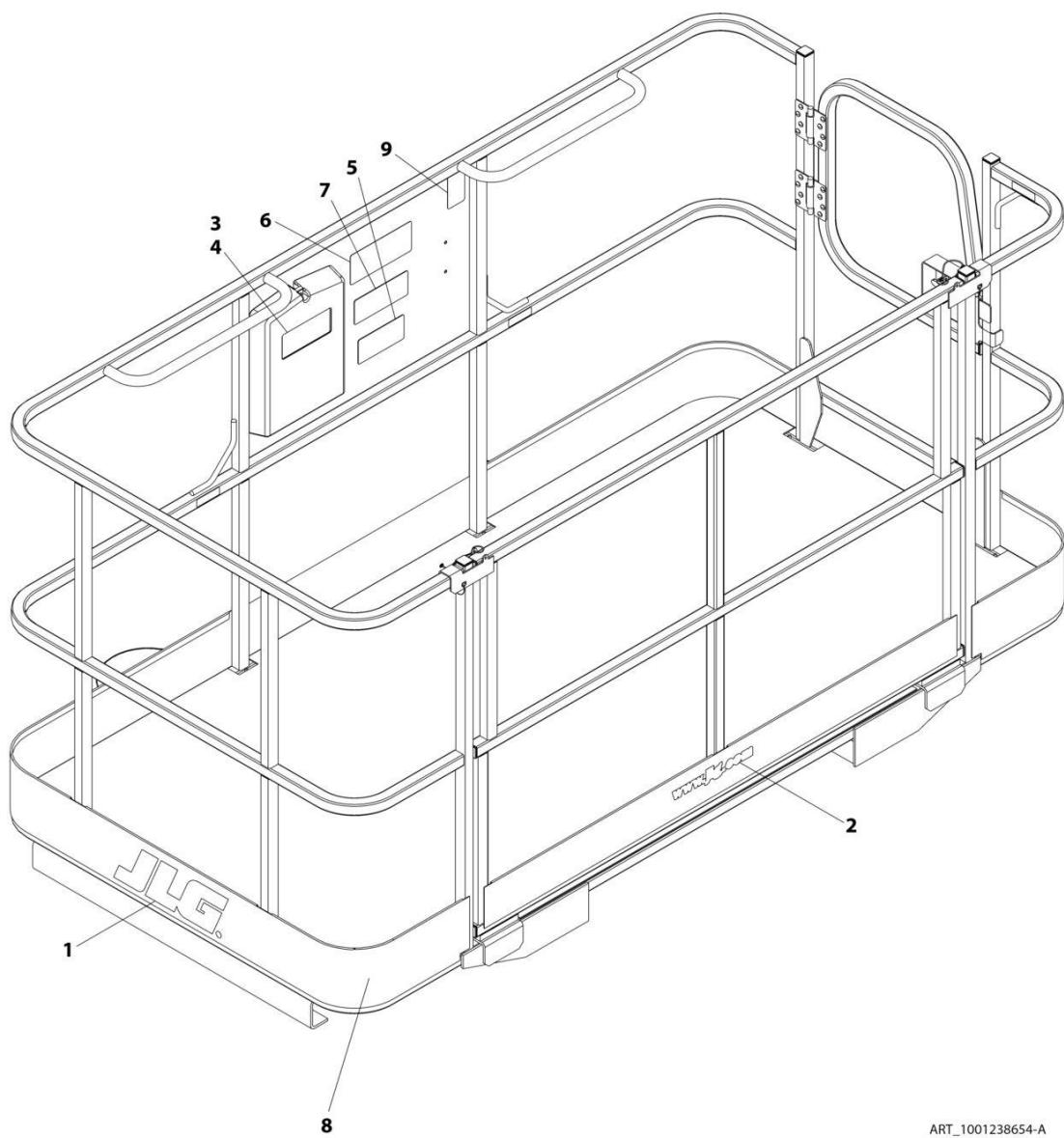
SECTION 3 - ATTACHMENTS

FIGURE 3-14. BASKET PERSONNEL (1.2MX2.4M) (FRENCH LANGUAGE)

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 PERSONNEL (1.2MX2.4M) (ISO)



ART_1001238654-A

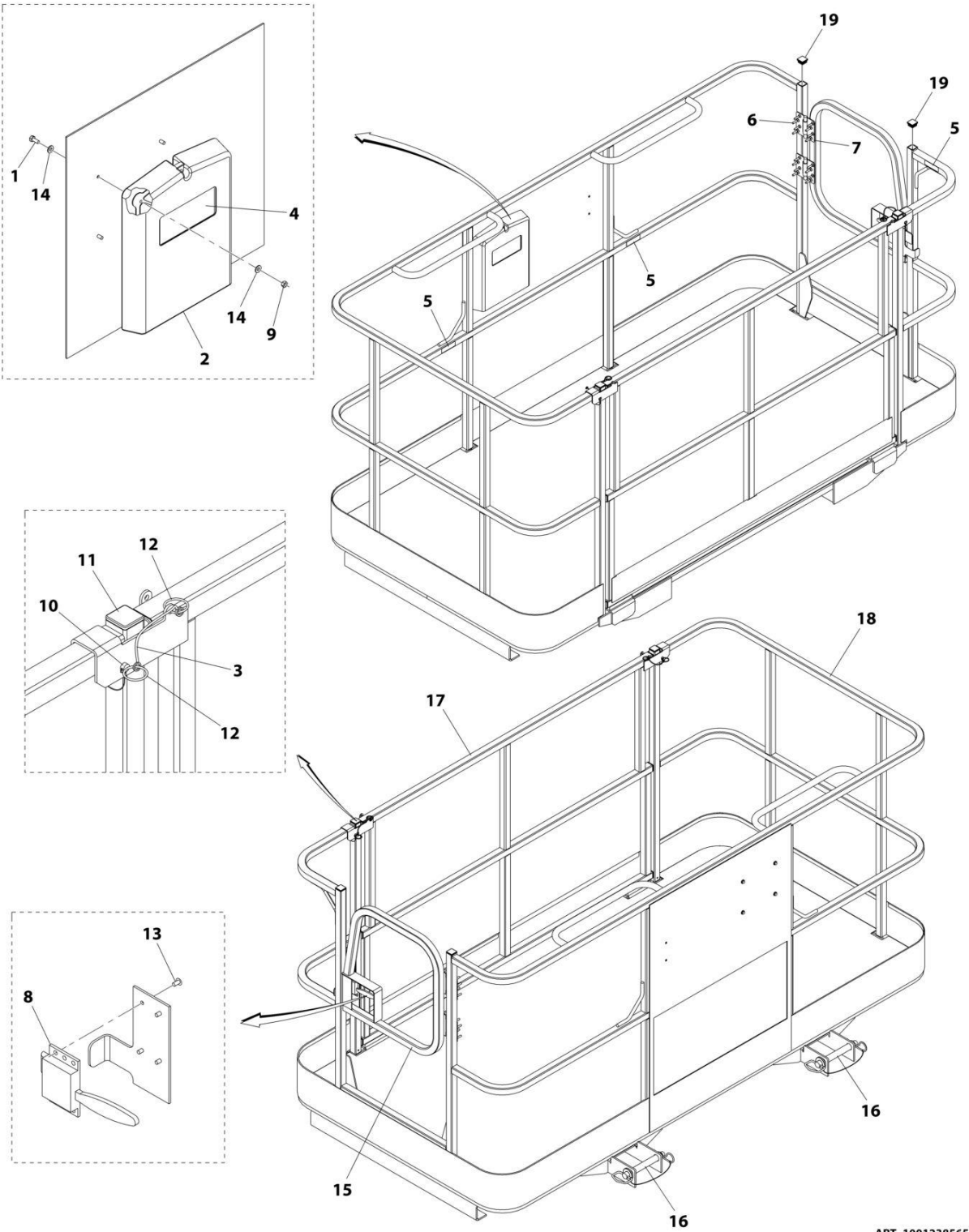
SECTION 3 - ATTACHMENTS

FIGURE 3-15. BASKET PERSONNEL (1.2MX2.4M) (ISO)

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. BASKET PERSONNEL (FORK MOUNTED)



ART_1001238565

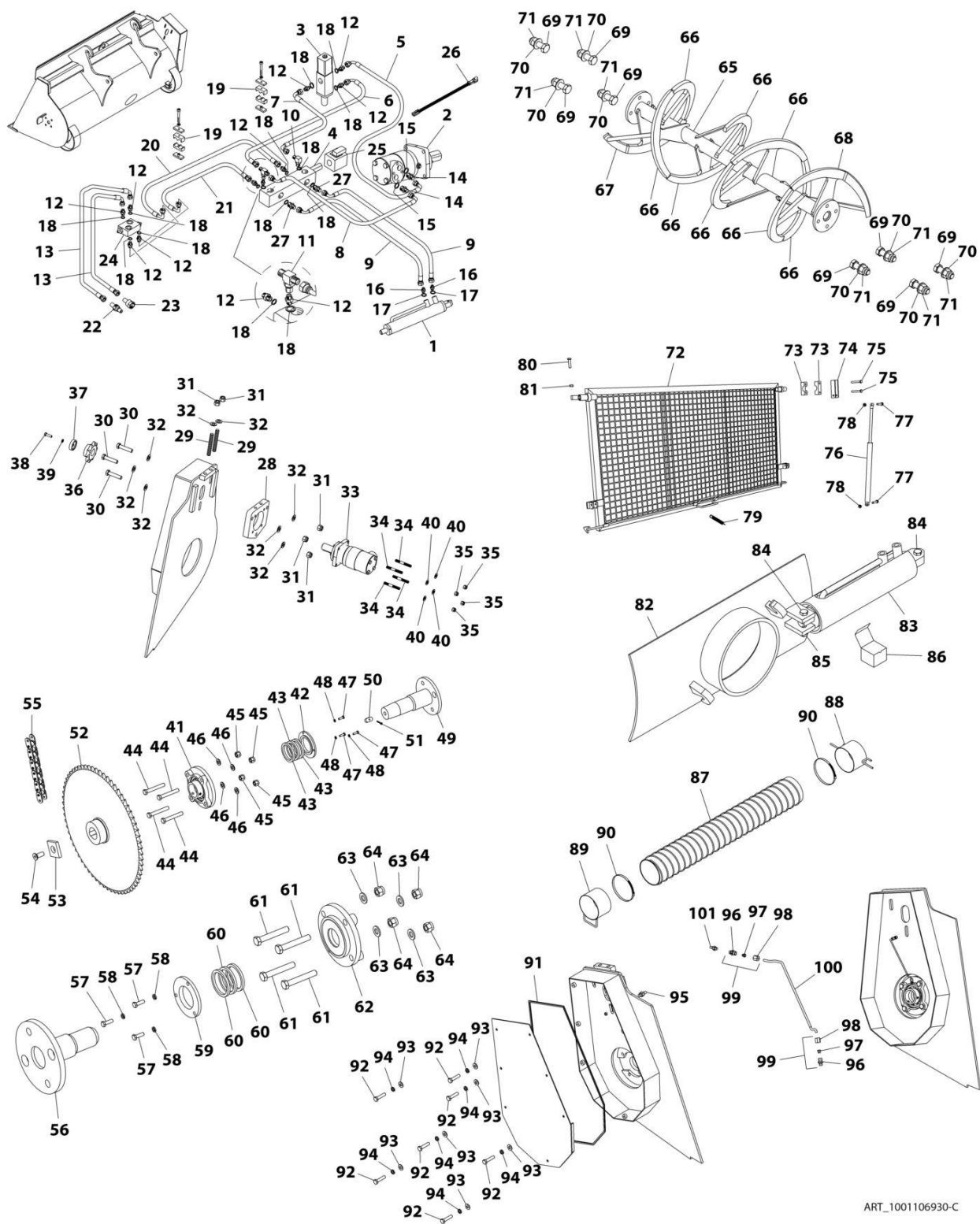
SECTION 3 - ATTACHMENTS

FIGURE 3-16. BASKET PERSONNEL (FORK MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238565	Ref	FORK MOUNTED PLATFORM ASSEMBLY	F
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060379	2	Cable, Lanyard	
4	1701509	1	Decal, Manual	
5	1704277	3	Decal, Lanyard Attach	
6	2080040	16	Fastener	
7	2600281	2	Hinge	
8	2940074	1	Latch	
9	3311405	4	Nut 1/4	
10	3421453	2	Pin	
11	3520072	7	Plug	
12	3760170	4	Ring	
13	3820020	4	Rivet	
14	4711400	8	Washer 1/4	
15	1001144629J	1	Gate	
16	1001238560	2	Pin, Hitch	
17	1001095810	1	Gate	
18	See Note	NSS	Platform, Fork Mounted	
19	3520198	4	Plug	

SECTION 3 - ATTACHMENTS

FIGURE 3-17. BUCKET (CONCRETE)



ART_1001106930-C

SECTION 3 - ATTACHMENTS

FIGURE 3-17. 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

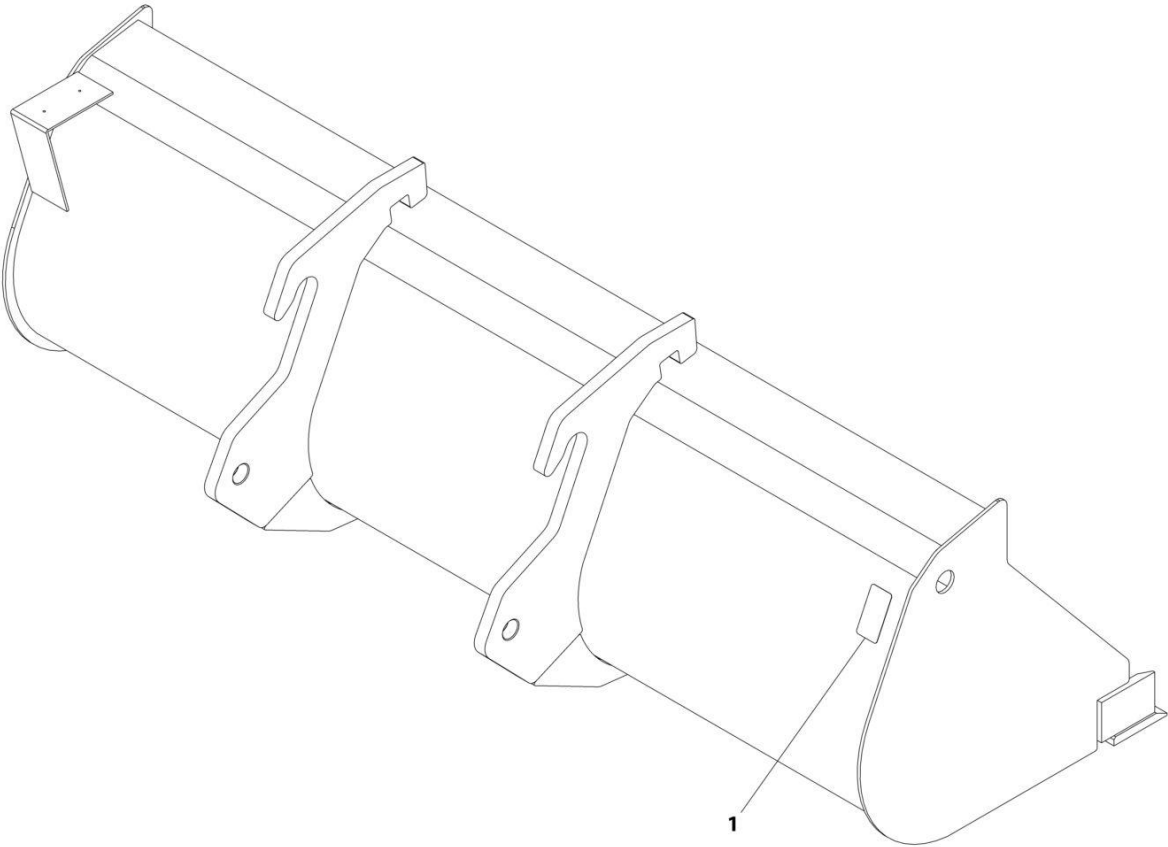
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	70028009	1	Tab	
51	70028010	1	Bolt	
52	70028011	1	Koruna Wheels	
53	70028012	1	Fixing Koruna Wheels	
54	70028013	1	Bolt	
55	70028014	1	Track	
56	70028015	1	Pin	
57	70028006	3	Bolt	
58	70028007	3	Grower	
59	70028016	1	Cover seal press	
60	70028017	3	Rope Fat	
61	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 3-18. BUCKET (DIRT)



ART_1001197945-A

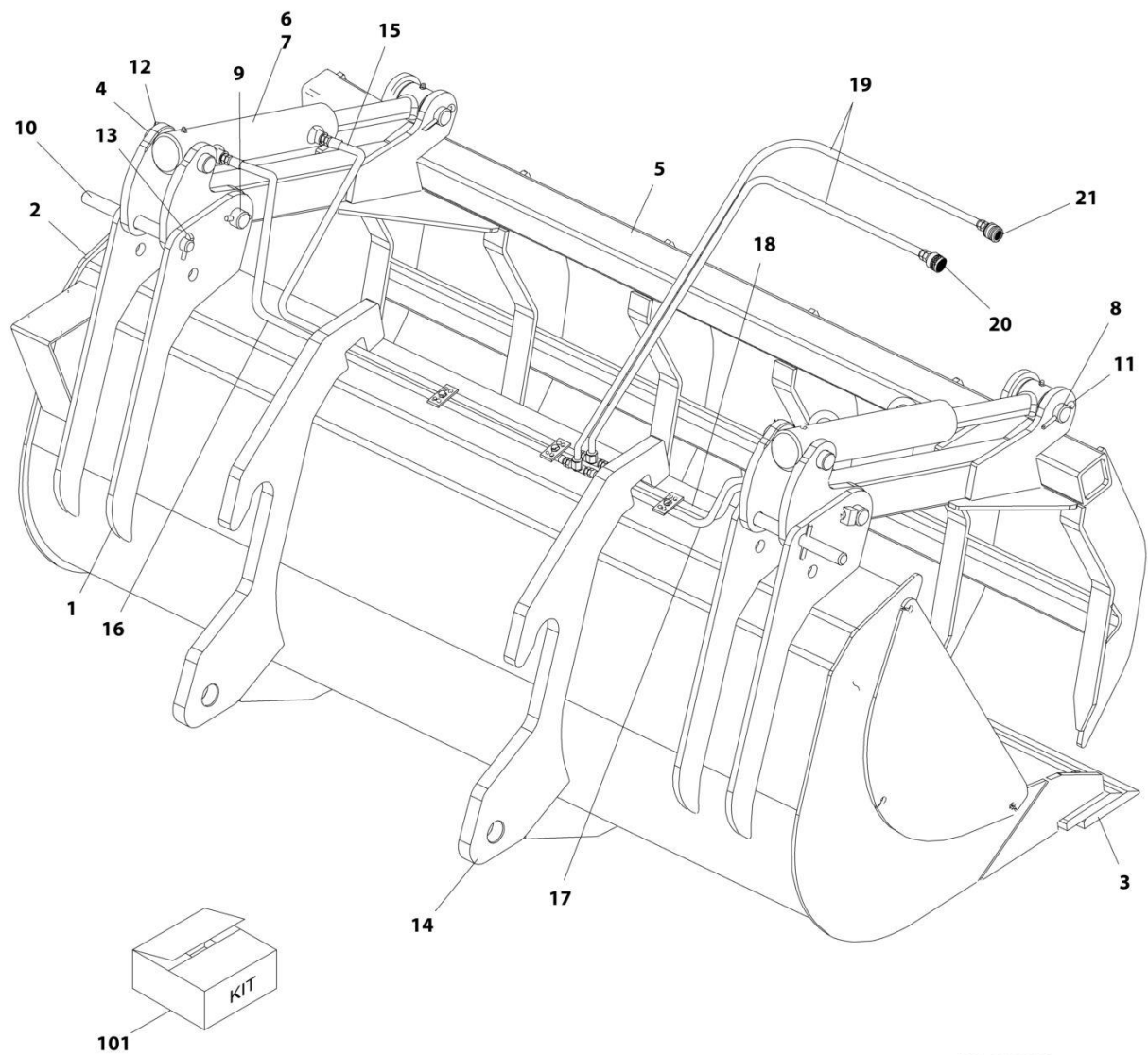
SECTION 3 - ATTACHMENTS

FIGURE 3-18. 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 3-19. BUCKET (GRAPPLE MULTI-PURPOSE)



ART_0930004-E

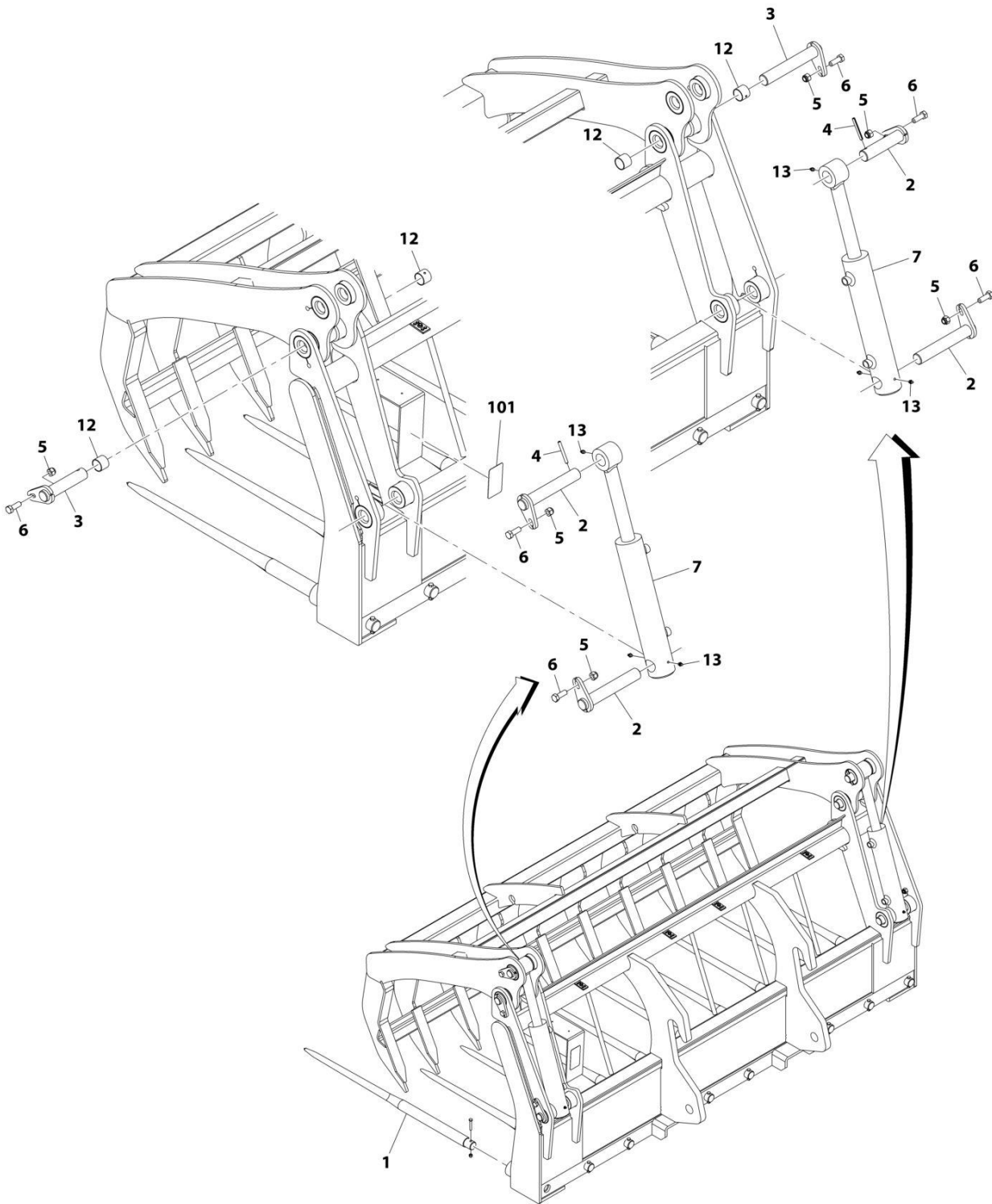
SECTION 3 - ATTACHMENTS

FIGURE 3-19. 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 3-20. BUCKET (MANURE GRAPPLE)



ART_1001216001-B

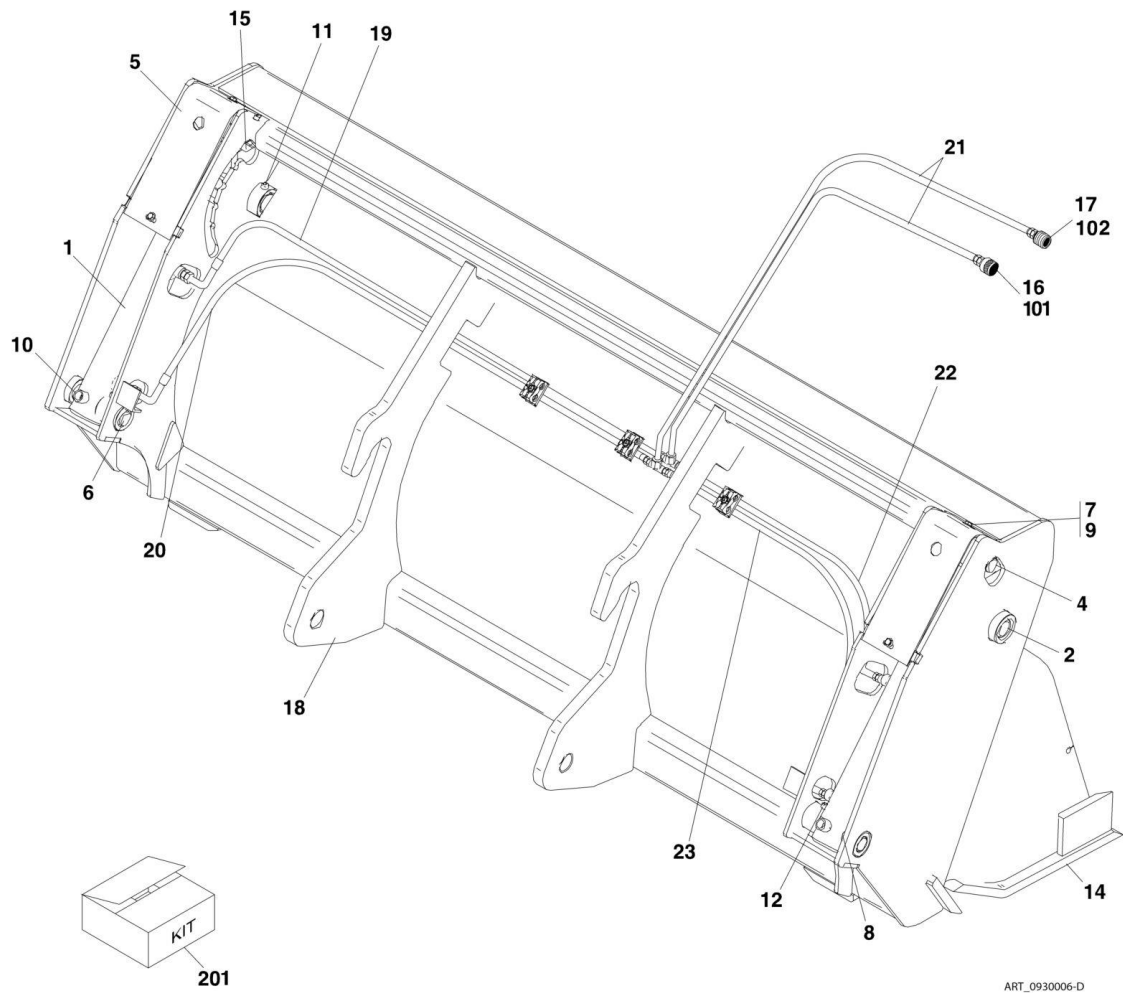
SECTION 3 - ATTACHMENTS

FIGURE 3-20. 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 3-21. BUCKET(0.6 M³) (MULTI-PURPOSE 4 IN 1)



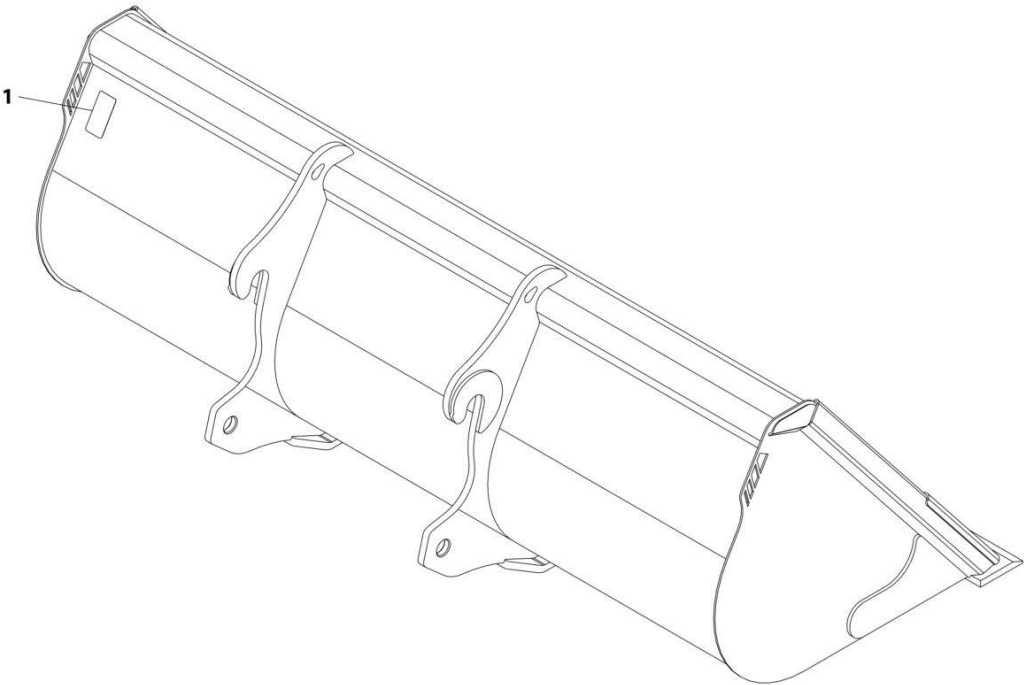
SECTION 3 - ATTACHMENTS

FIGURE 3-21. BUCKET(0.6 M³) (MULTI-PURPOSE 4 IN 1)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930006	1	4 in 1 Bucket 0.6 M³	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 3-22. BUCKET(1 M³) (GENERAL PURPOSE)



ART_1001215988-B

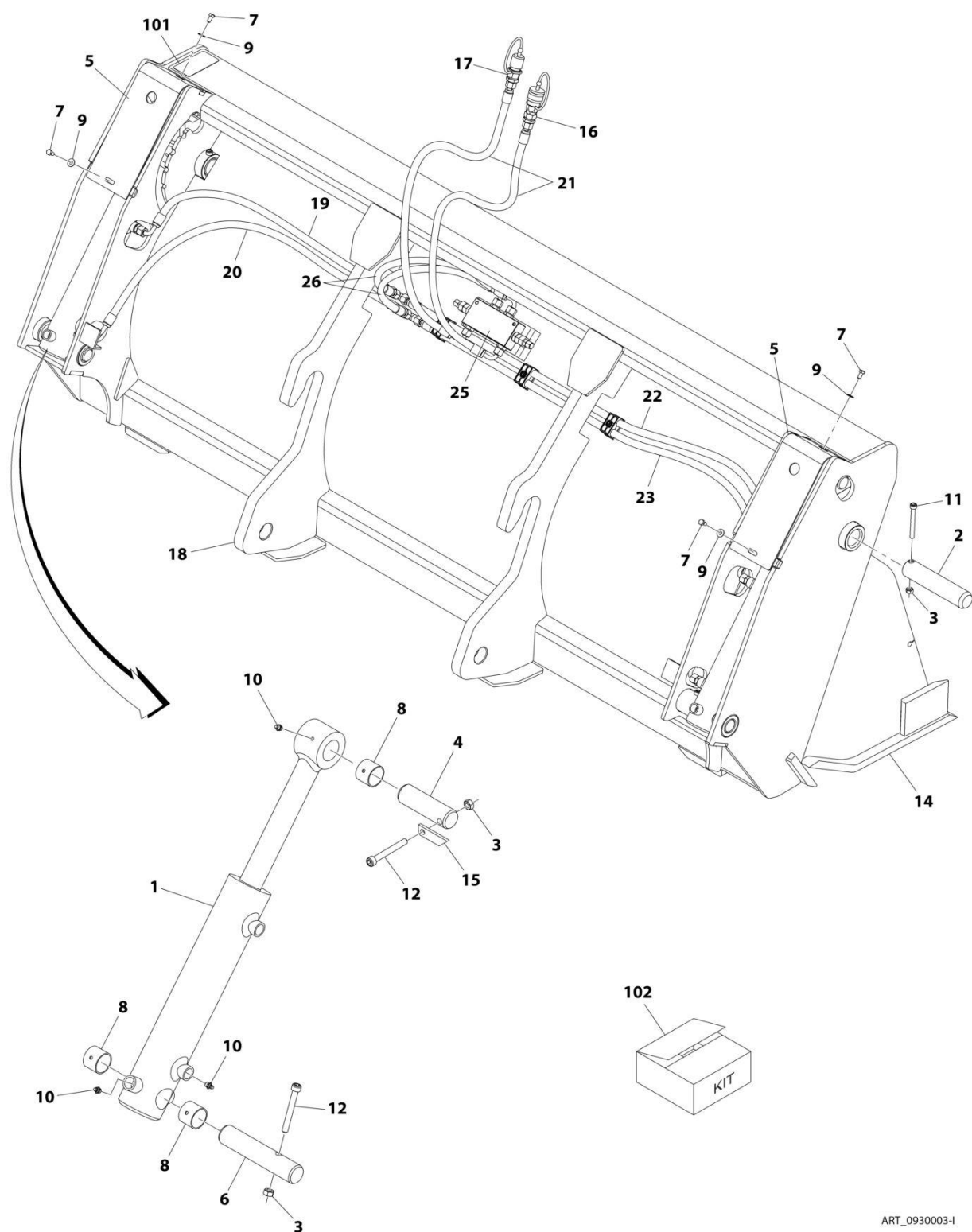
SECTION 3 - ATTACHMENTS

FIGURE 3-22. BUCKET(1 M³) (GENERAL PURPOSE)

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 3-23. BUCKET(1 M³) (MULTI-PURPOSE 4 IN 1)



ART_0930003-I

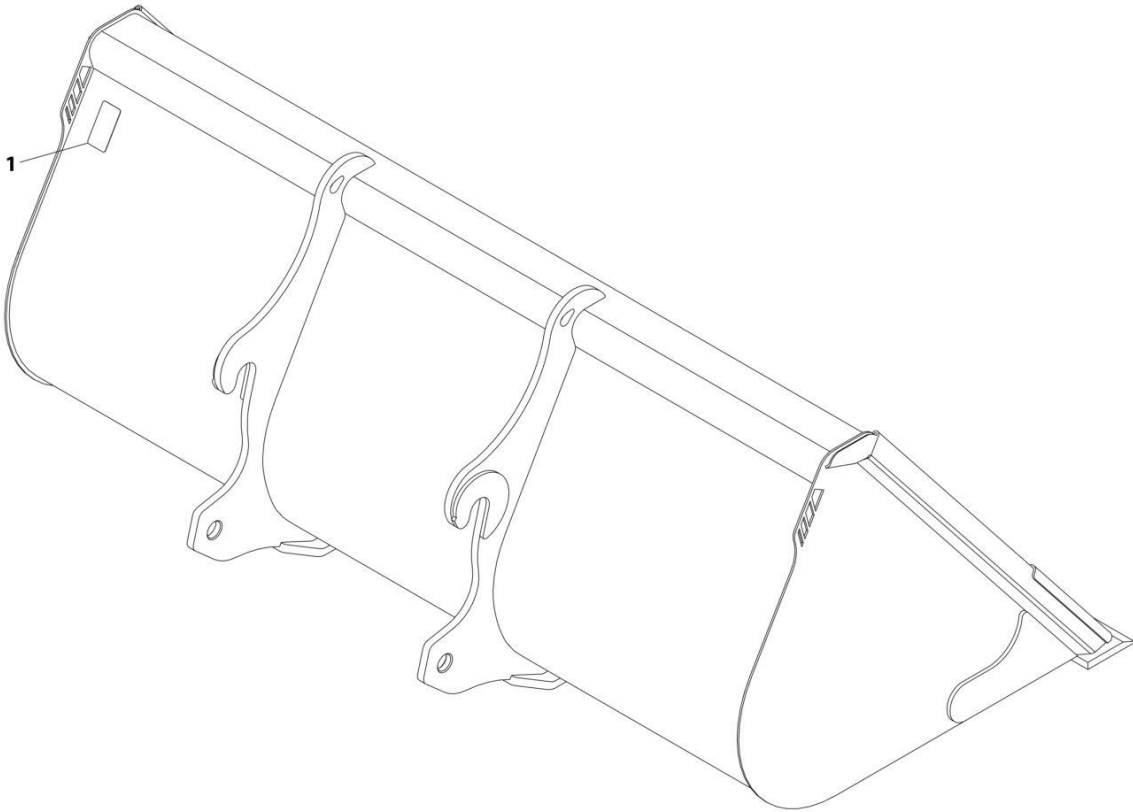
SECTION 3 - ATTACHMENTS

FIGURE 3-23. BUCKET(1 M³) (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 (1.5 M³) (GENERAL PURPOSE)



ART_1001215990-B

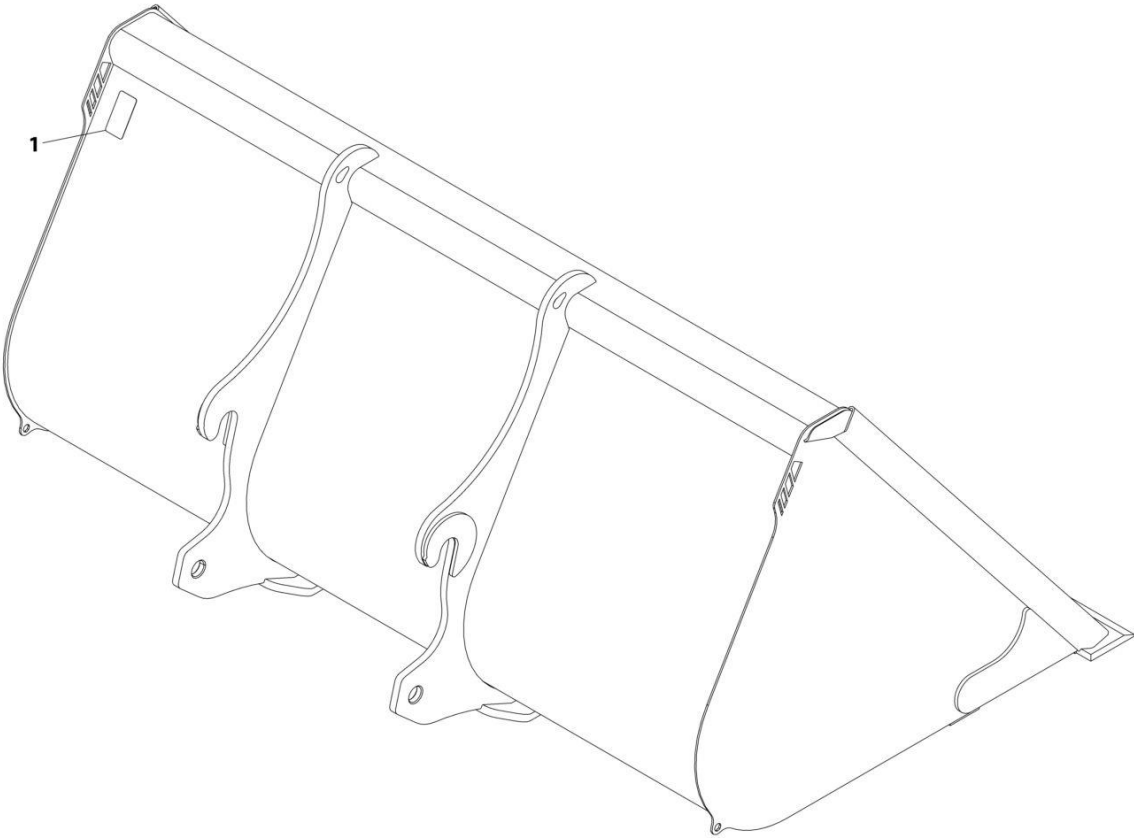
SECTION 3 - ATTACHMENTS

FIGURE 3-24. BUCKET (1.5 M³) (GENERAL PURPOSE)

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 (2 M³) (GENERAL PURPOSE)



ART_1001215992-B

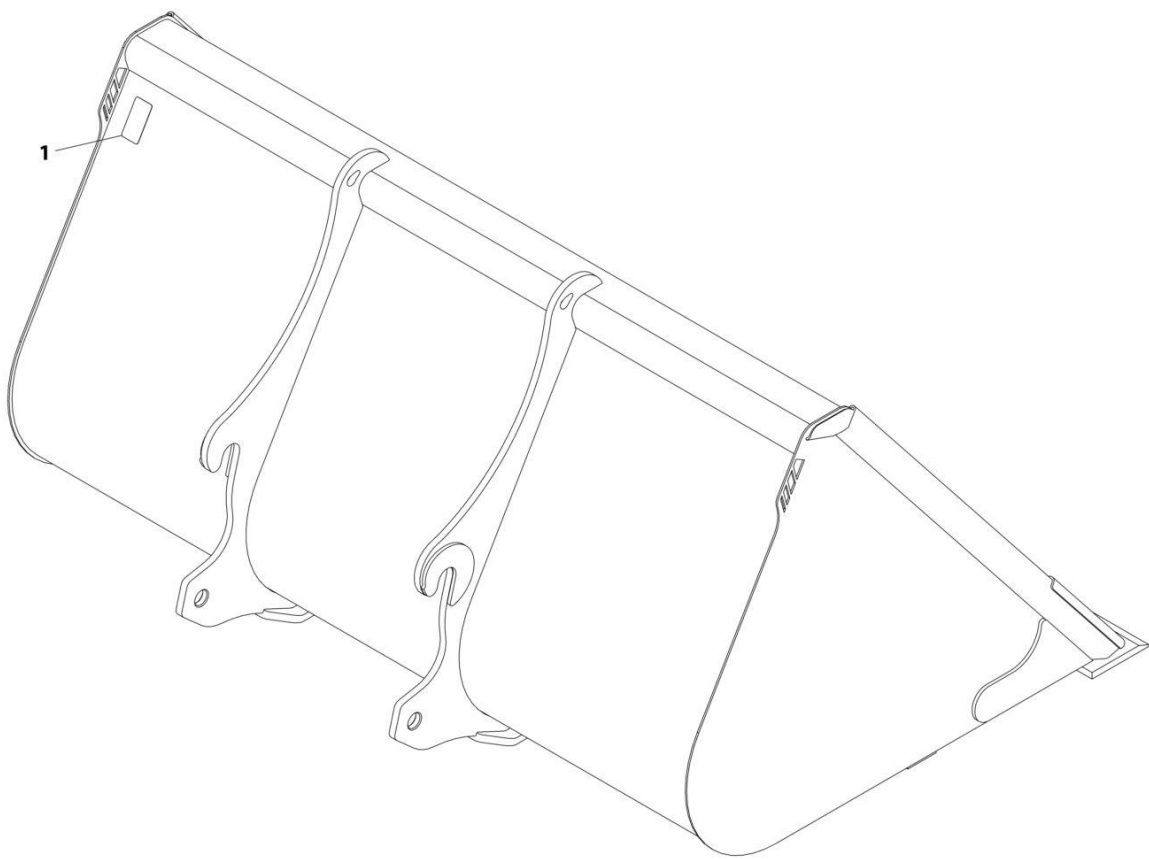
SECTION 3 - ATTACHMENTS

FIGURE 3-25. BUCKET (2 M³) (GENERAL PURPOSE)

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 3-26. BUCKET (2.5 M³) (GENERAL PURPOSE)



ART_1001215994-B

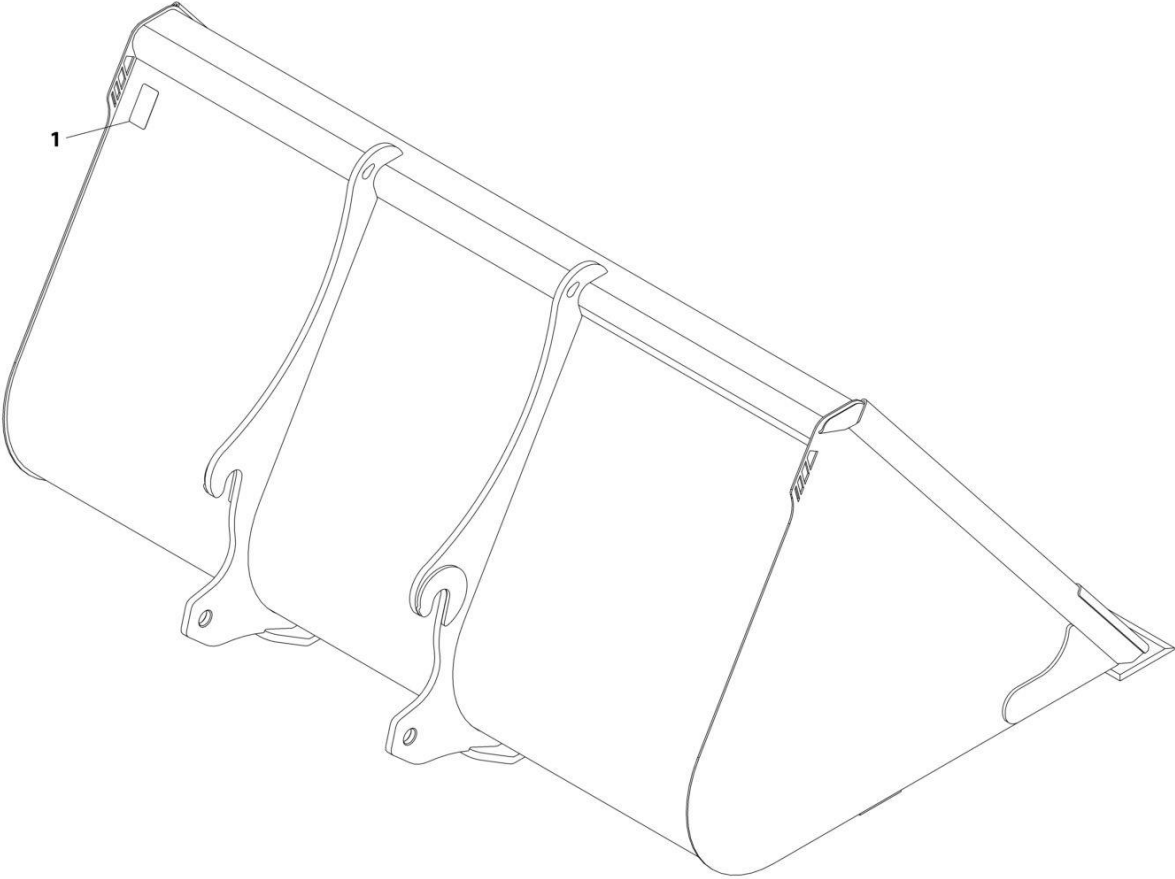
SECTION 3 - ATTACHMENTS

FIGURE 3-26. BUCKET (2.5 M³) (GENERAL PURPOSE)

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 3-27. BUCKET (3 M³) (GENERAL PURPOSE)



ART_1001215996-B

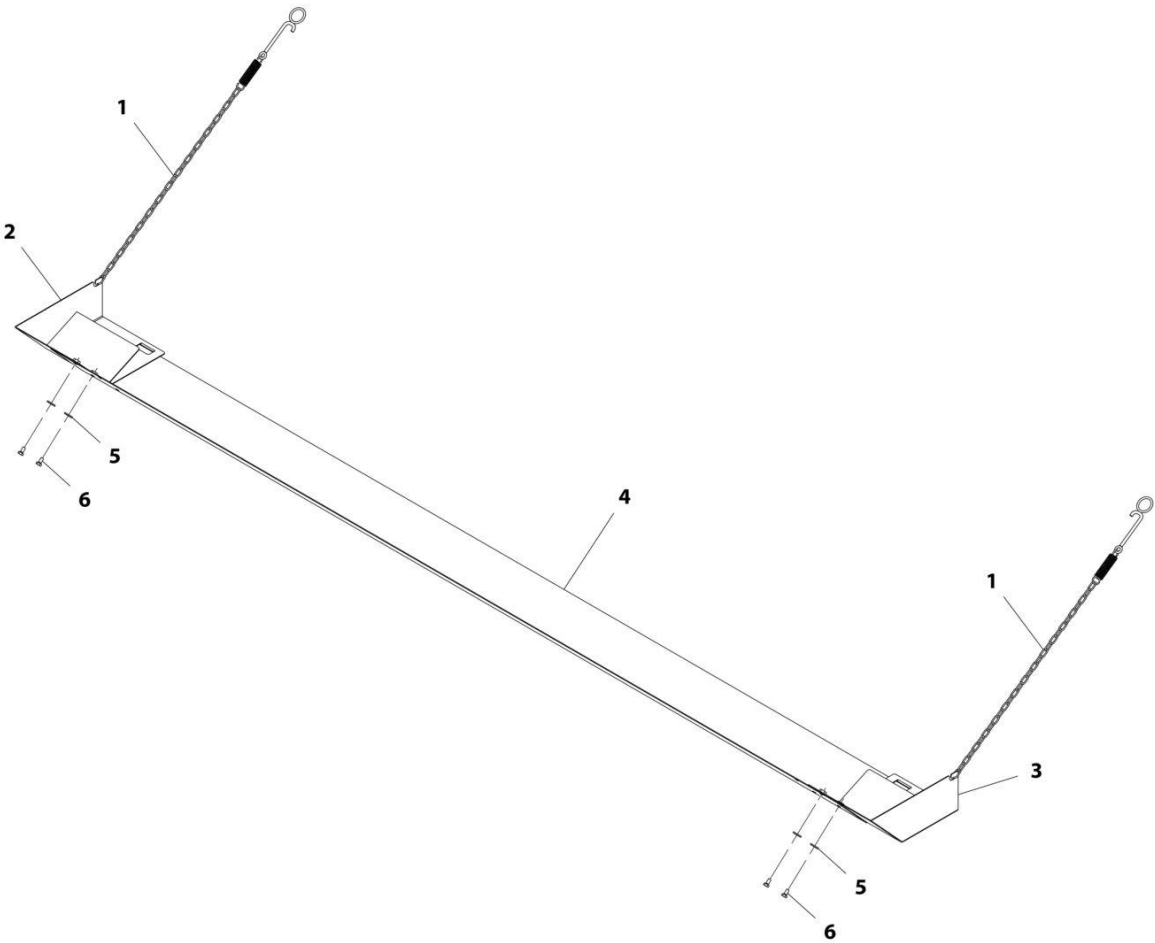
SECTION 3 - ATTACHMENTS

FIGURE 3-27. BUCKET (3 M³) (GENERAL PURPOSE)

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 3-28. BUCKET FRONT GUARD



ART_1001004620-B

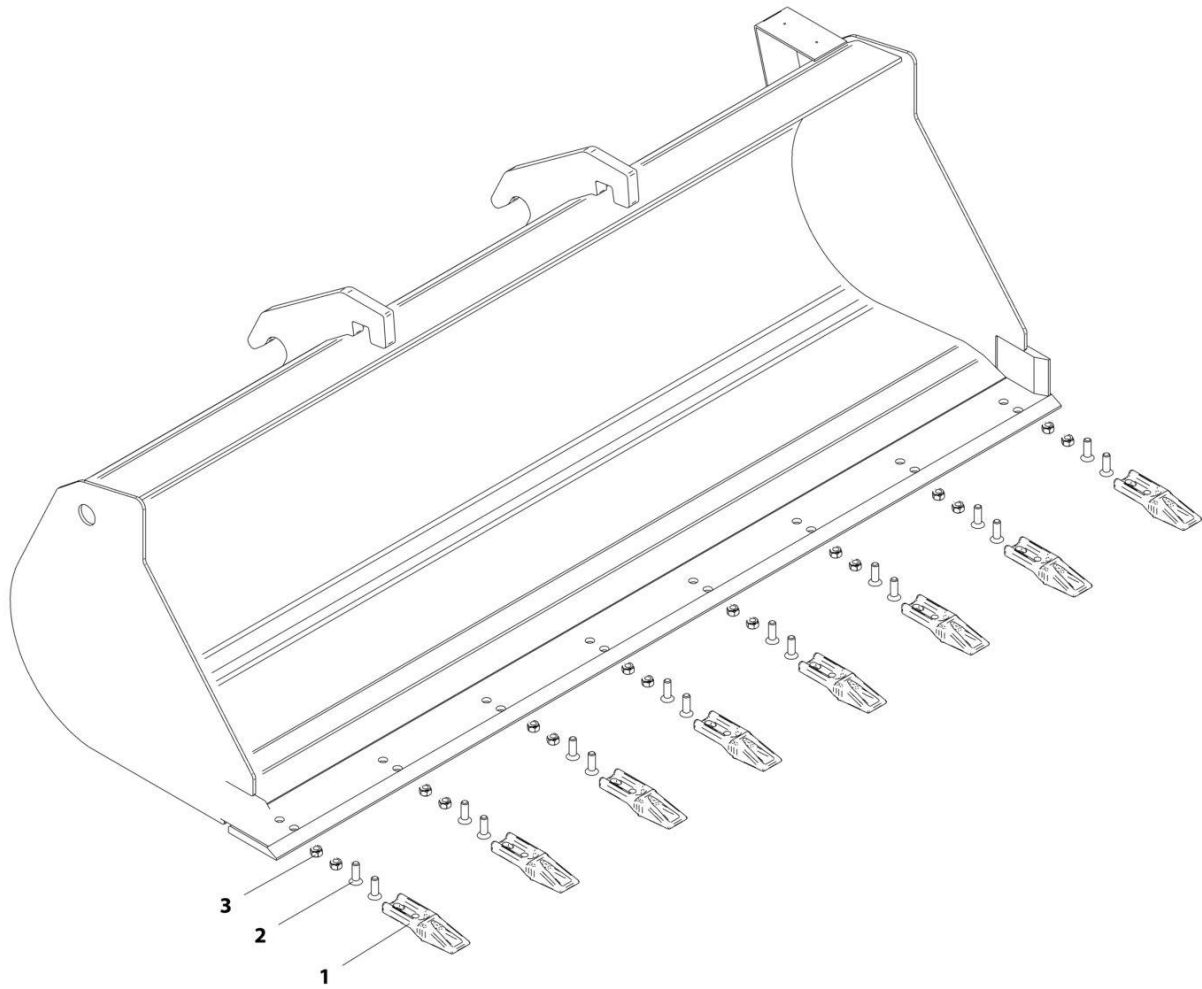
SECTION 3 - ATTACHMENTS

FIGURE 3-28. 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 3-29. BUCKET TEETH KIT



ART_1001196751-A

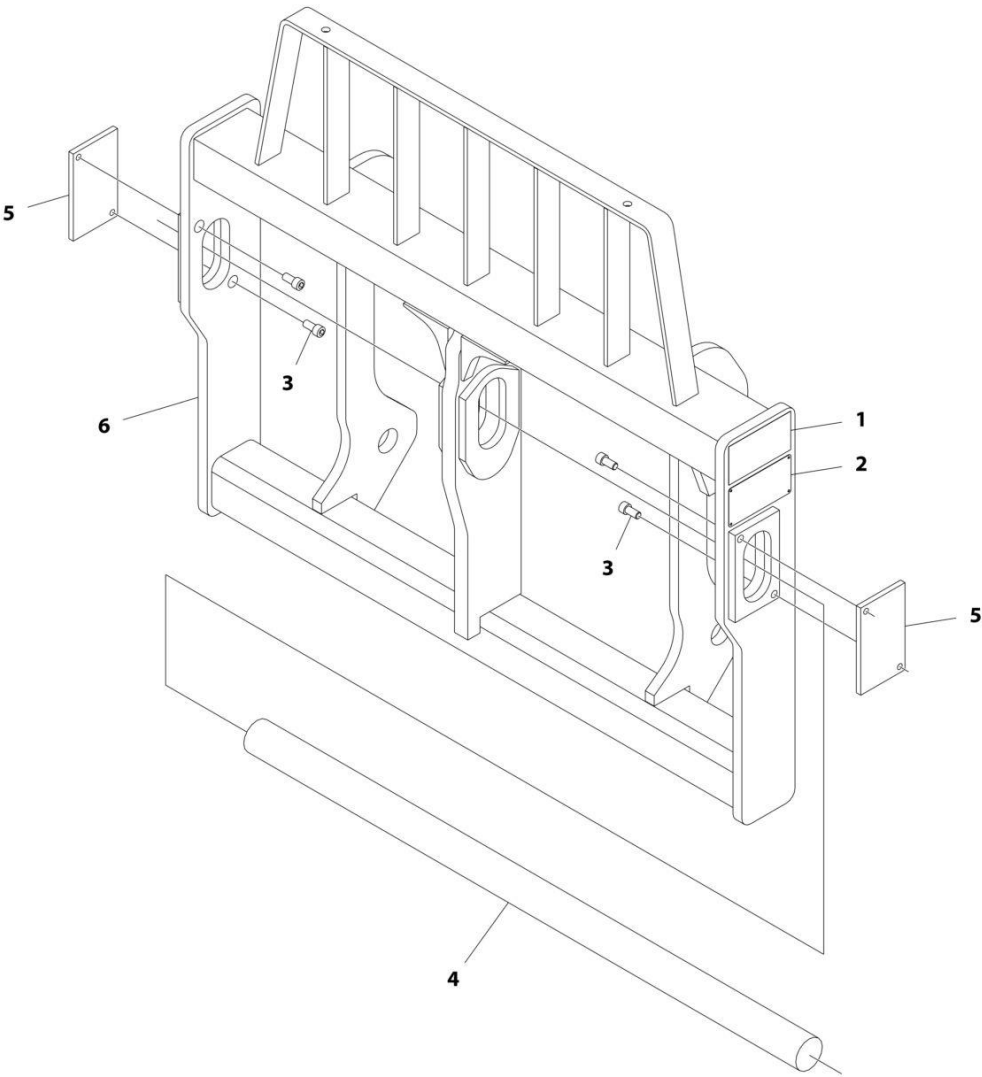
SECTION 3 - ATTACHMENTS

FIGURE 3-29. BUCKET TEETH KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196751	1	Bucket Teeth Kit	A
1	Kit	8	Tooth	
2	Kit	16	Screw	
3	Kit	16	Nut	

SECTION 3 - ATTACHMENTS

FIGURE 3-30. CARRIAGE ASSEMBLY (1225MM)



ART_1001107581

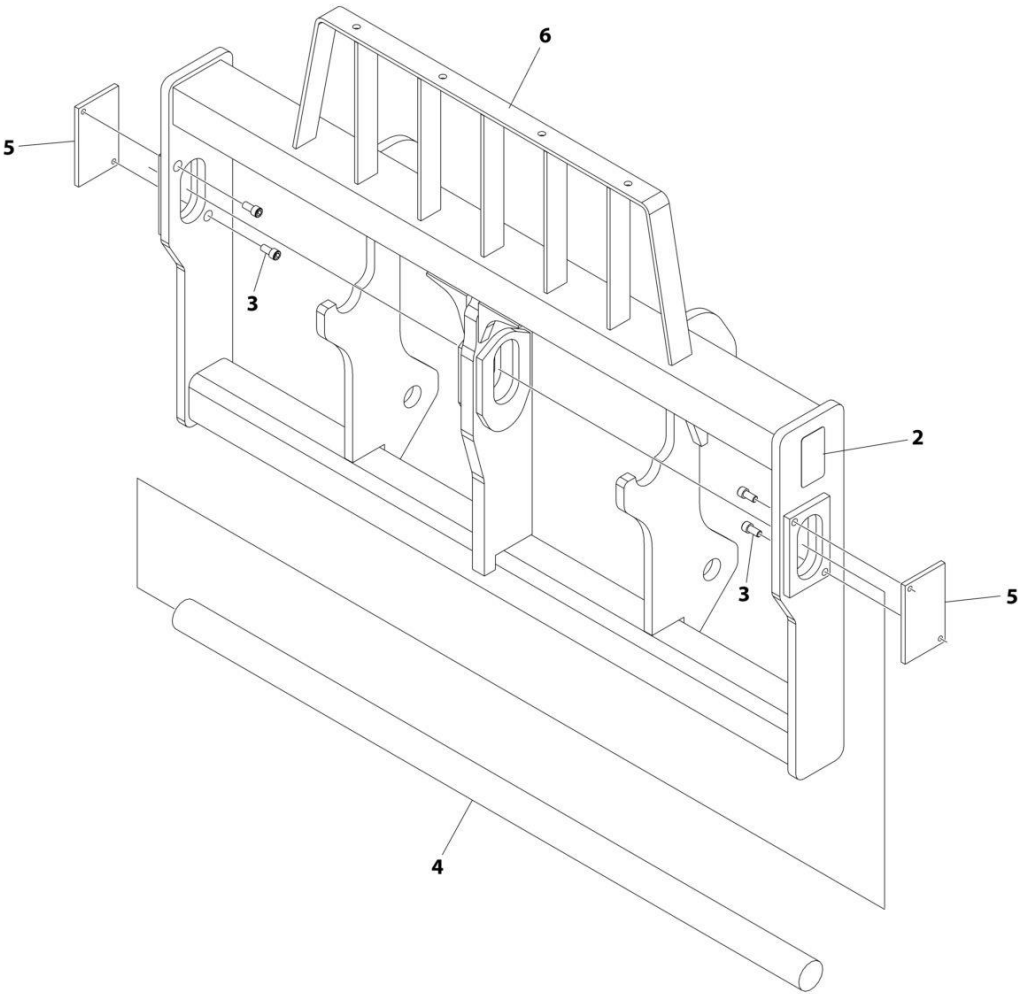
SECTION 3 - ATTACHMENTS

FIGURE 3-30. 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 3-31. CARRIAGE ASSEMBLY (1524MM)



ART_1001259144

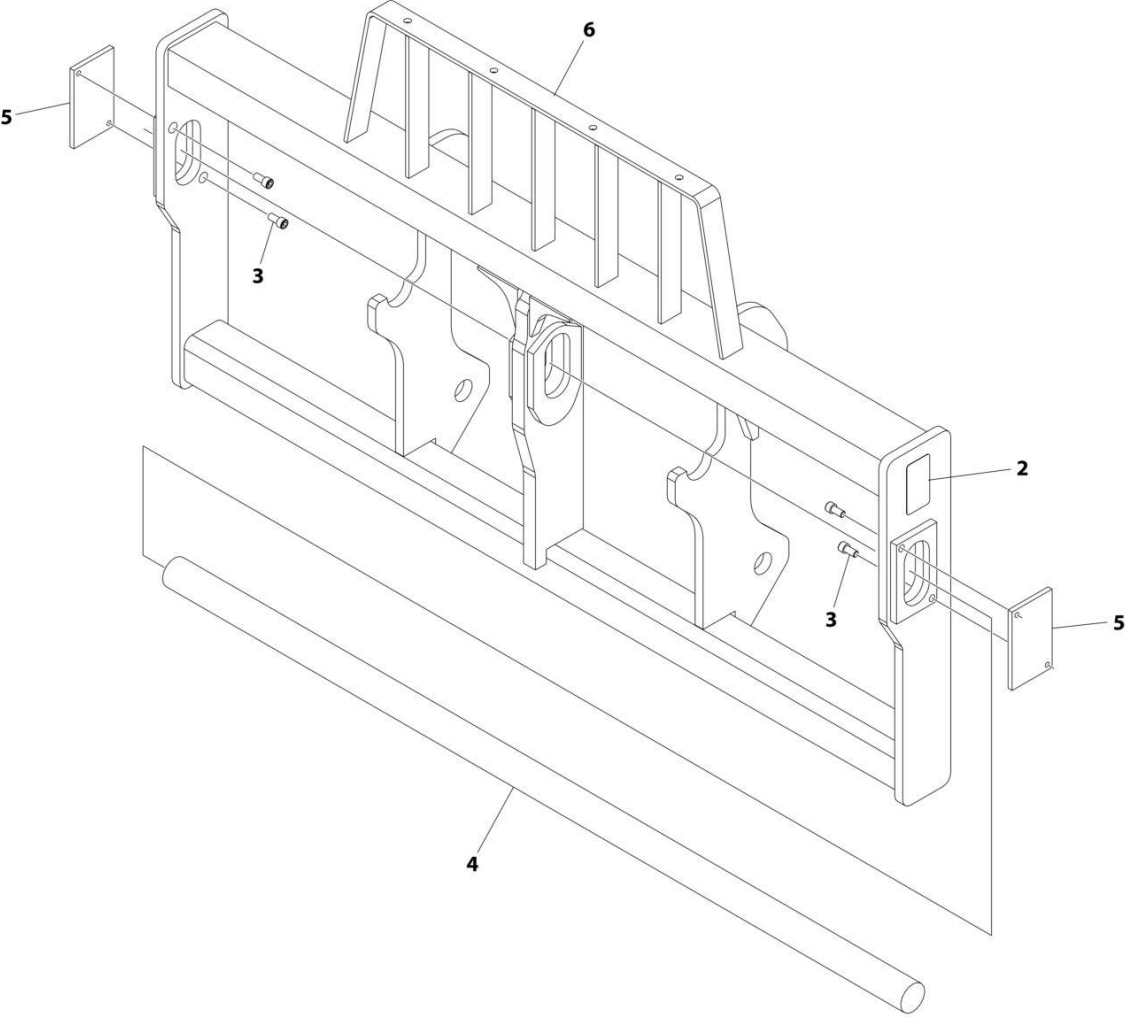
SECTION 3 - ATTACHMENTS

FIGURE 3-31. 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 3-32. CARRIAGE ASSEMBLY (1829MM)



ART_1001259146

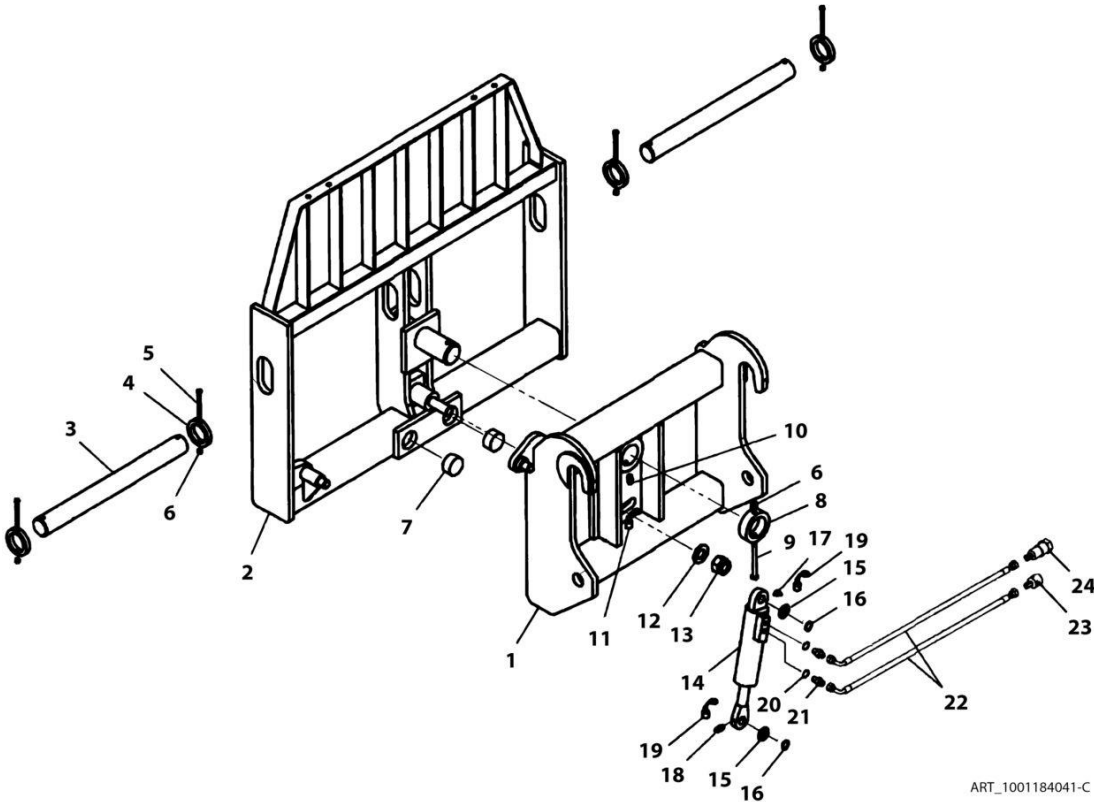
SECTION 3 - ATTACHMENTS

FIGURE 3-32. 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 3-33. CARRIAGE ASSEMBLY - SIDE TILTING (4.5 TON - 1225 MM)



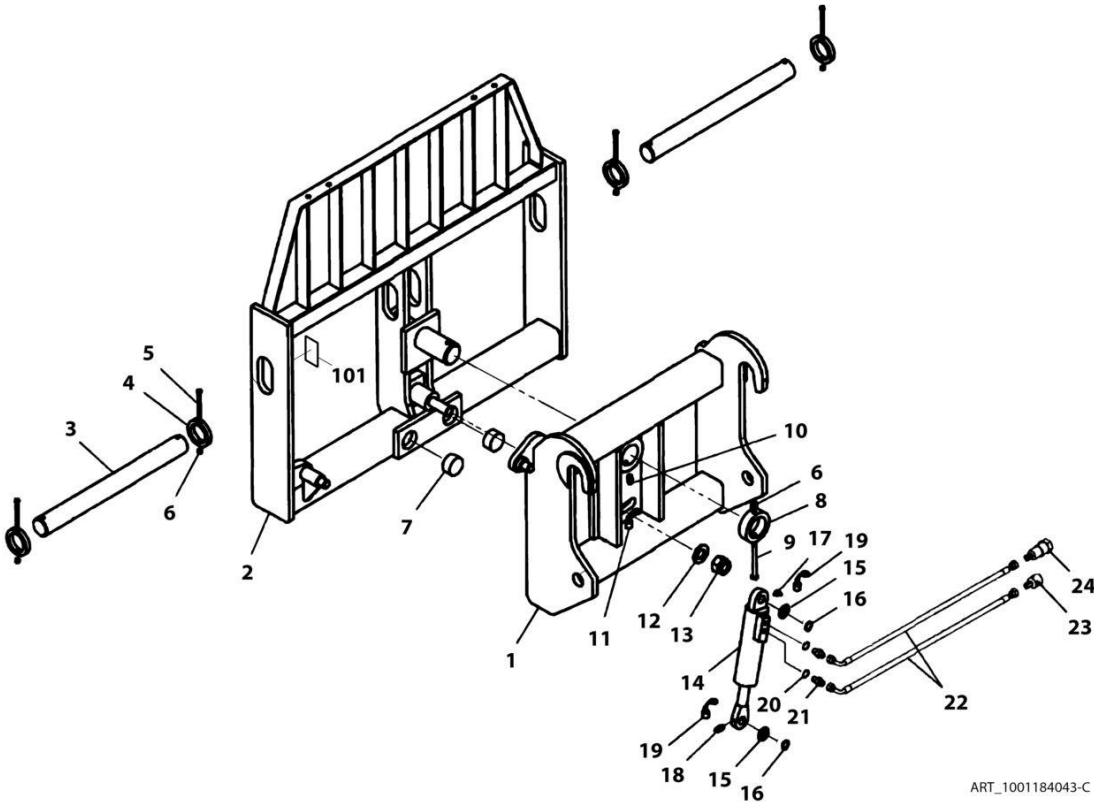
SECTION 3 - ATTACHMENTS

FIGURE 3-33. 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 3-34. CARRIAGE ASSEMBLY - SIDE TILTING (4.0 TON - 1575 MM)



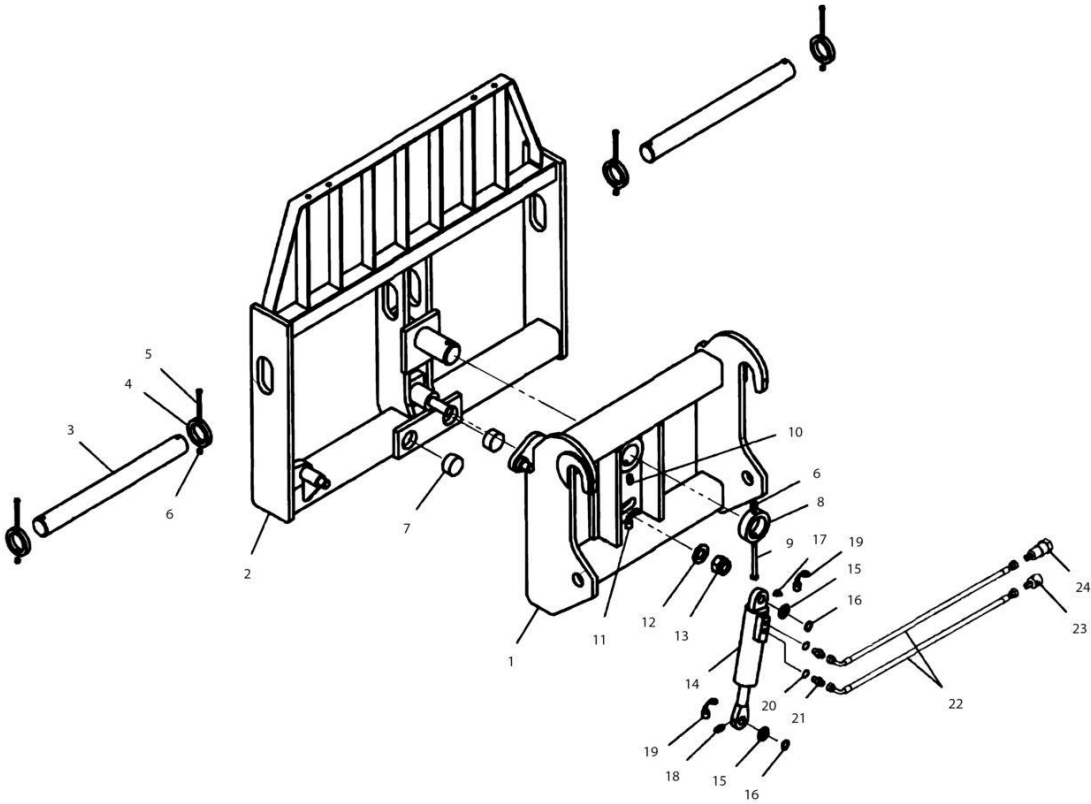
SECTION 3 - ATTACHMENTS

FIGURE 3-34. 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 3-35. CARRIAGE ASSEMBLY - SID TILTING (4.0 TON - 1829 MM)



ART_1001184045-B

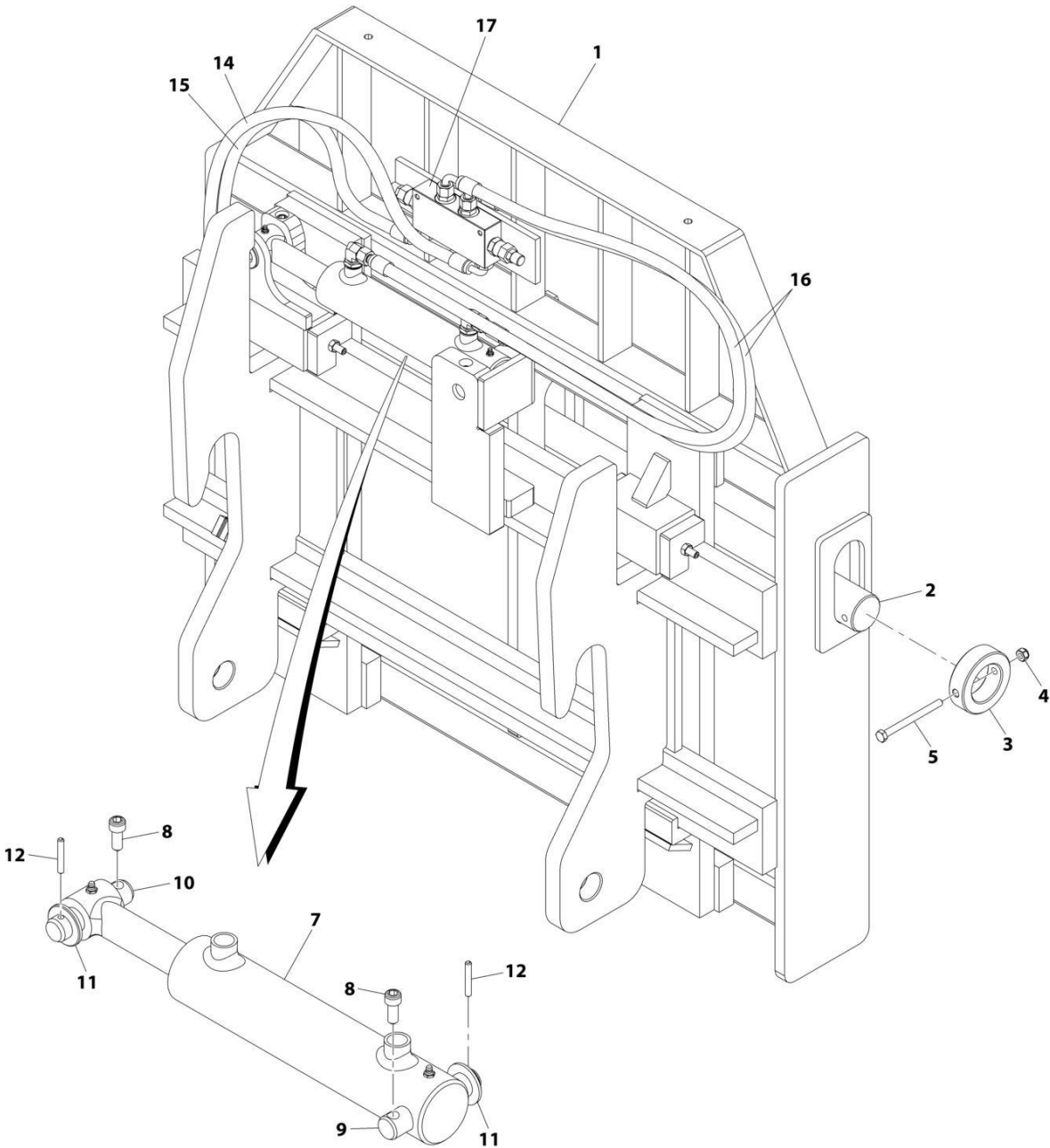
SECTION 3 - ATTACHMENTS

FIGURE 3-35. 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 3-36. CARRIAGE ASSEMBLY - SIDE SHIFT (4.0 TON - 1225 MM)



ART_1170002-L

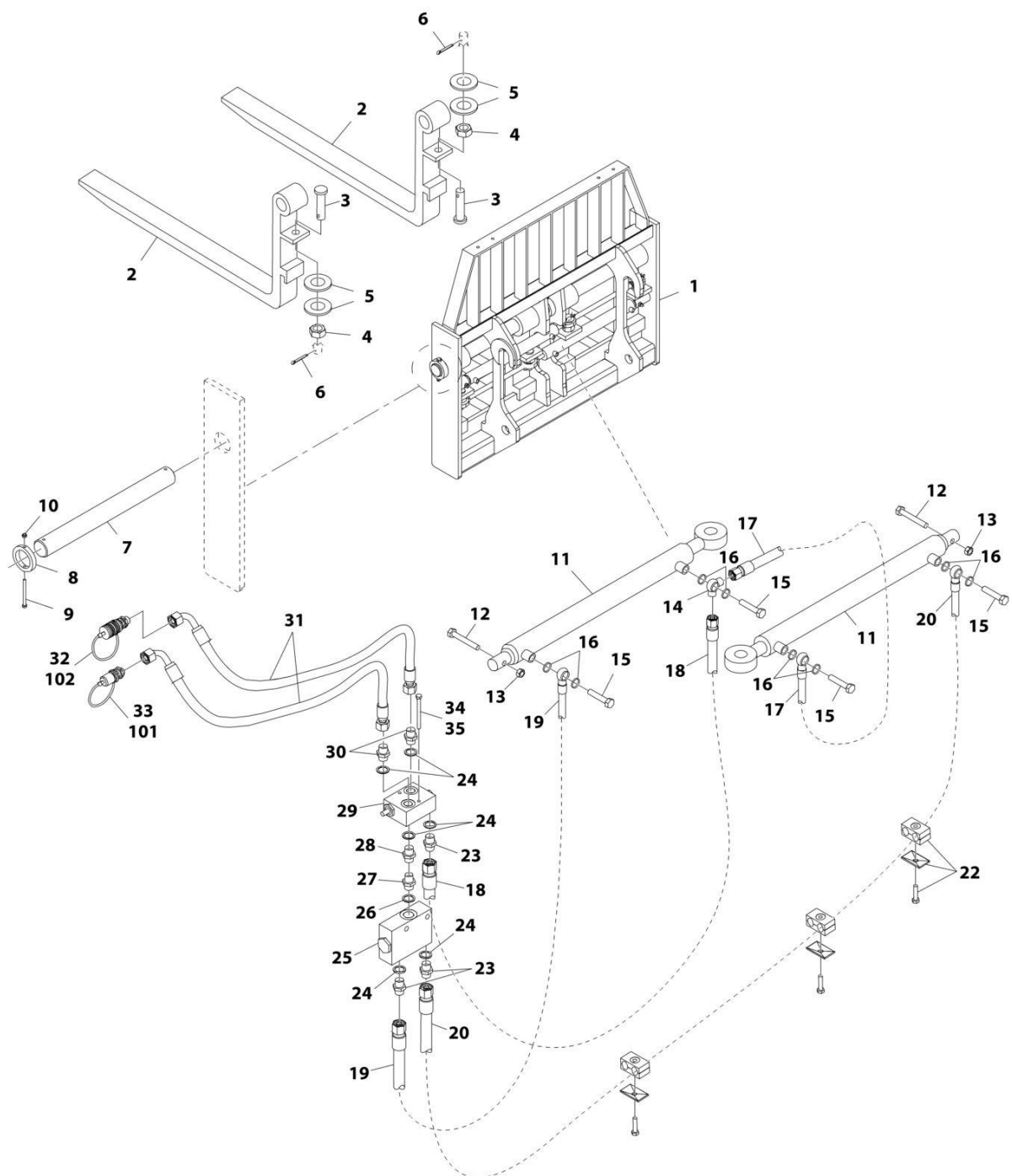
SECTION 3 - ATTACHMENTS

FIGURE 3-36. 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 3-37. CARRIAGE ASSEMBLY - FORK POSITIONING (4.0 TON)



ART_1001091313-C

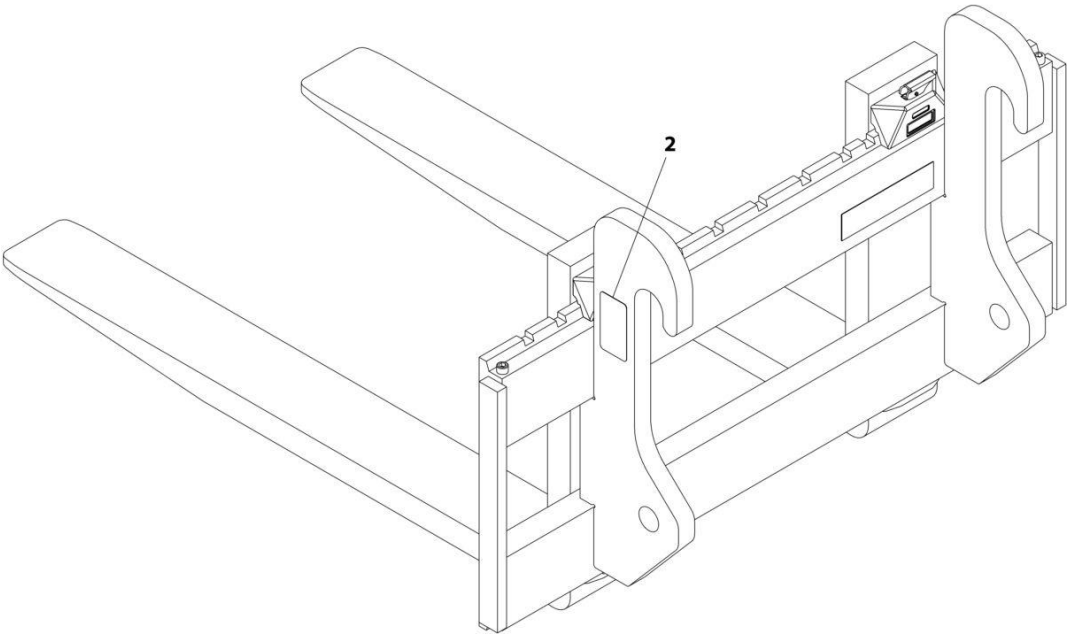
SECTION 3 - ATTACHMENTS

FIGURE 3-37. CARRIAGE ASSEMBLY - FORK POSITIONING (4.0 TON)

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 3-38. CARRIAGE ASSEMBLY - FEM CARRIAGE AND FORKS



ART_1001265218

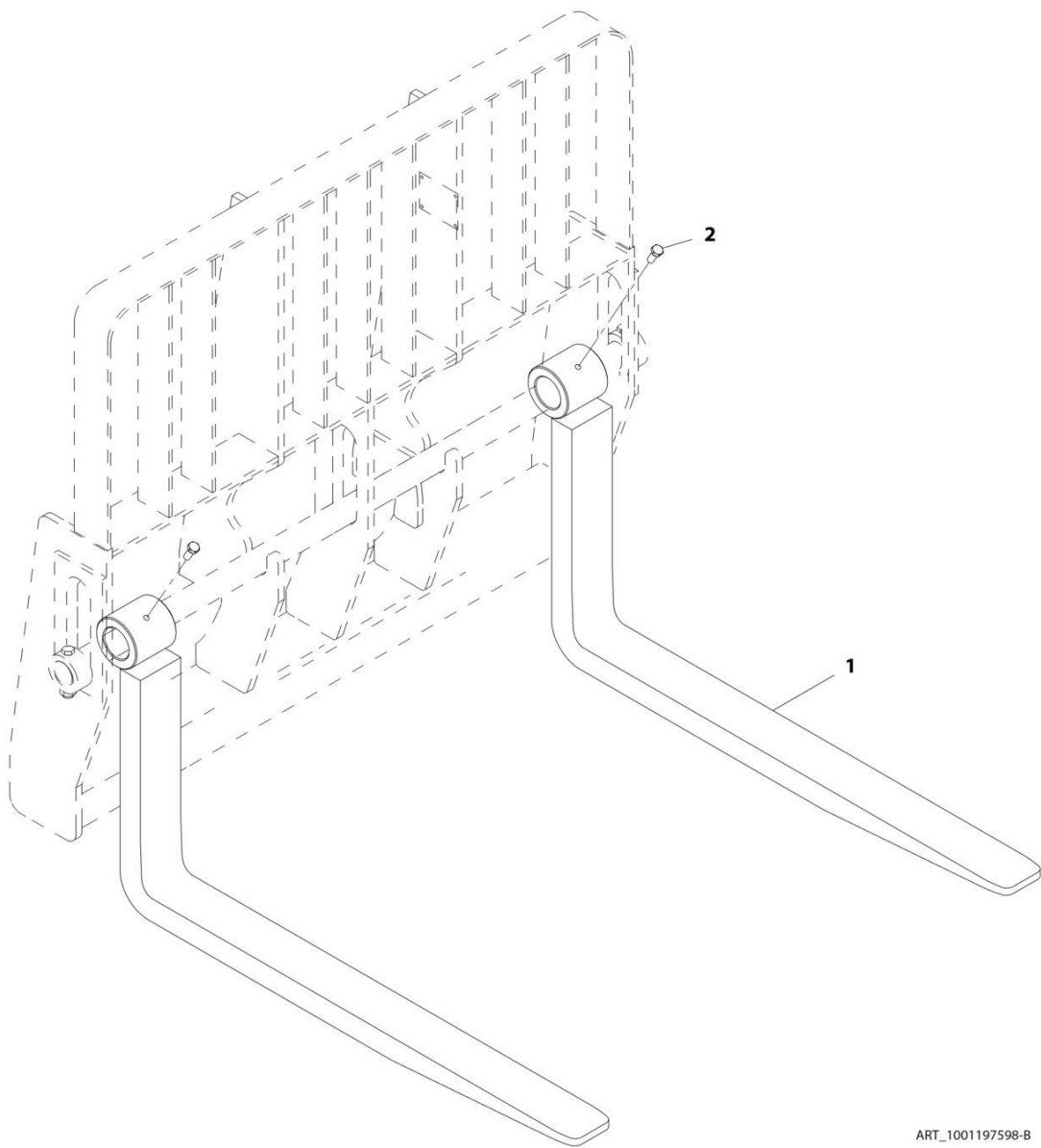
SECTION 3 - ATTACHMENTS

FIGURE 3-38. 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 3-39. FORK - LUMBER (45X150X1540)



ART_1001197598-B

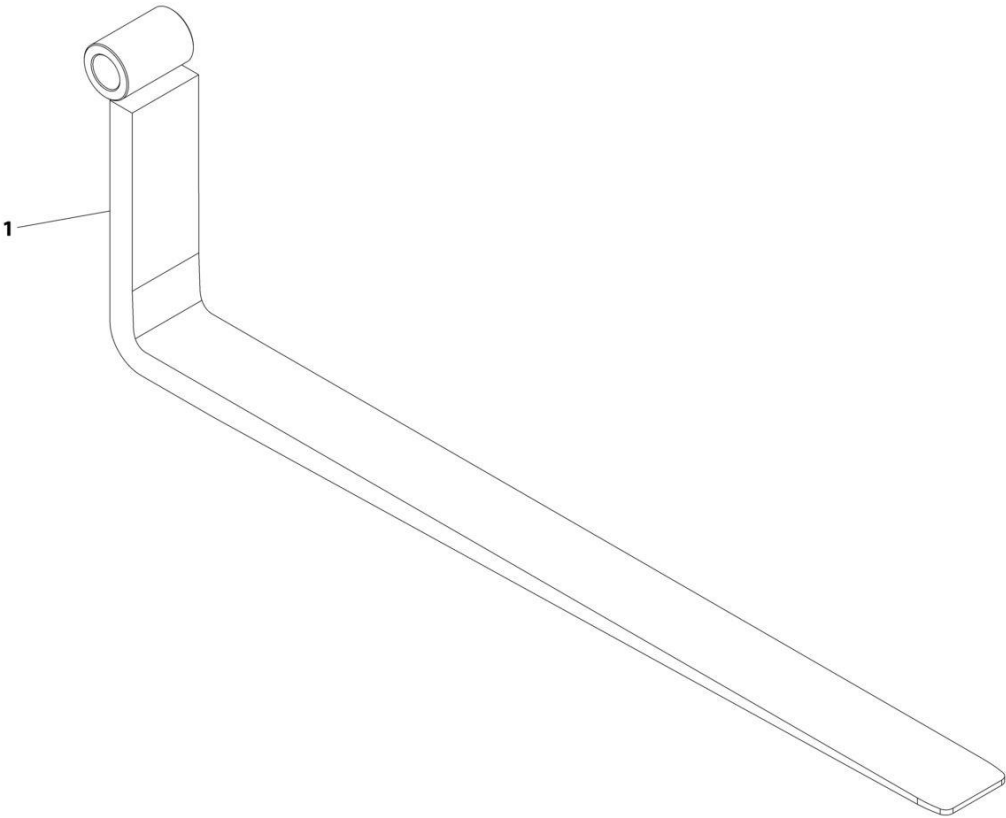
SECTION 3 - ATTACHMENTS

FIGURE 3-39. 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 3-40. FORK - LUMBER (50X150X1830)



ART_1001257317-B

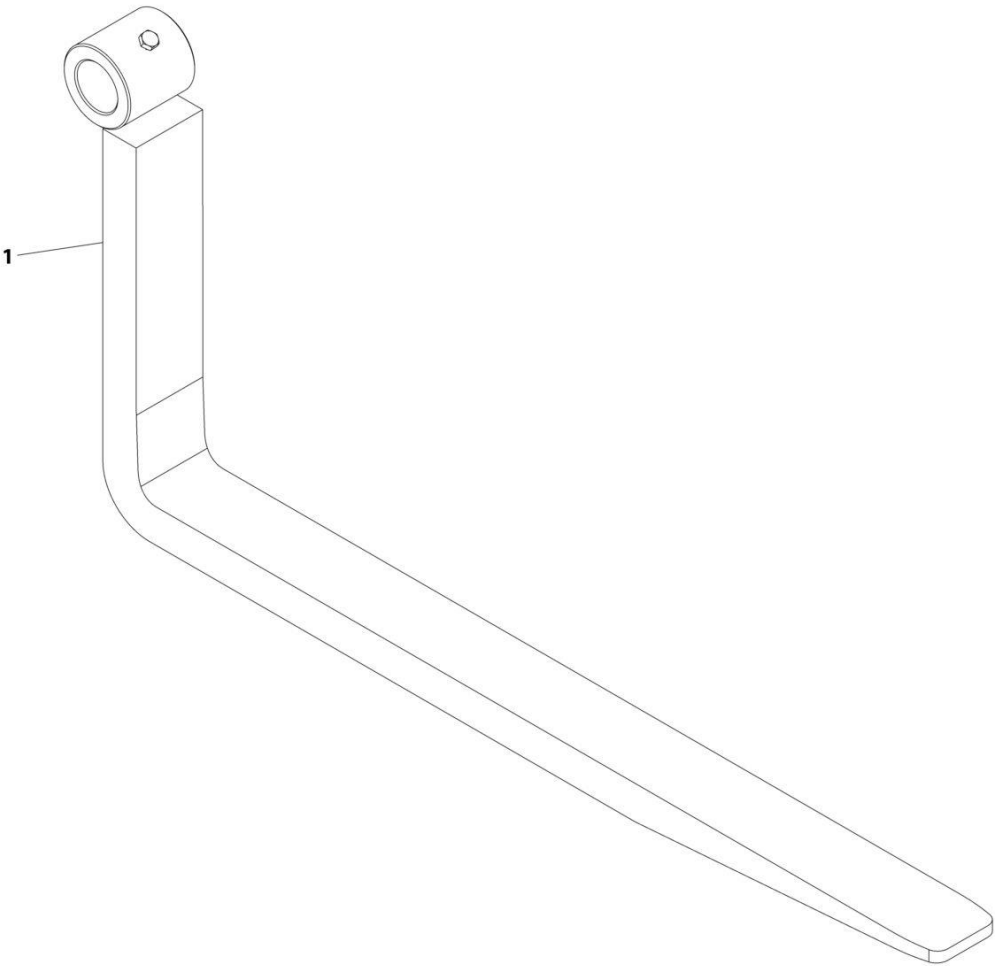
SECTION 3 - ATTACHMENTS

FIGURE 3-40. 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 3-41. FORK - PALLET (50X100X1200)



ART_1001257263-B

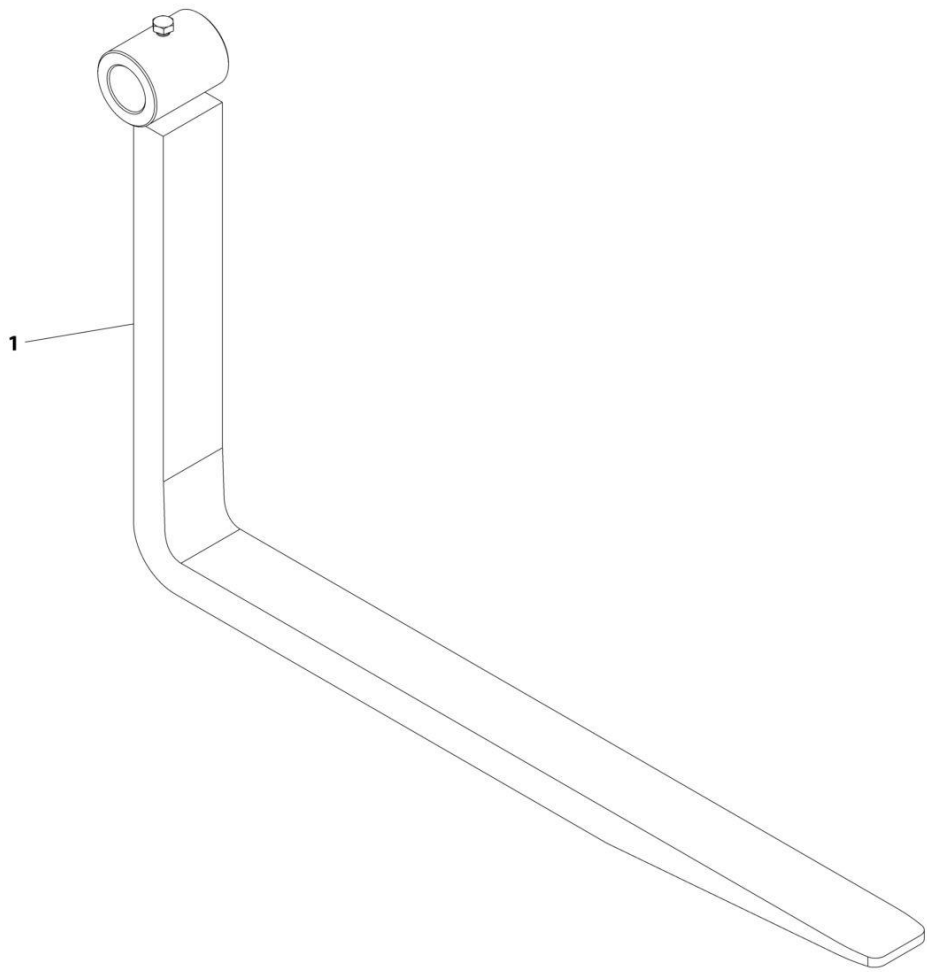
SECTION 3 - ATTACHMENTS

FIGURE 3-41. 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 3-42. FORK - PALLET (50X100X1200) (CE & AUS WITH SIDE SHIFT CARRIAAGE) (4.0 TON - 1225MM)



ART_1001257265-B

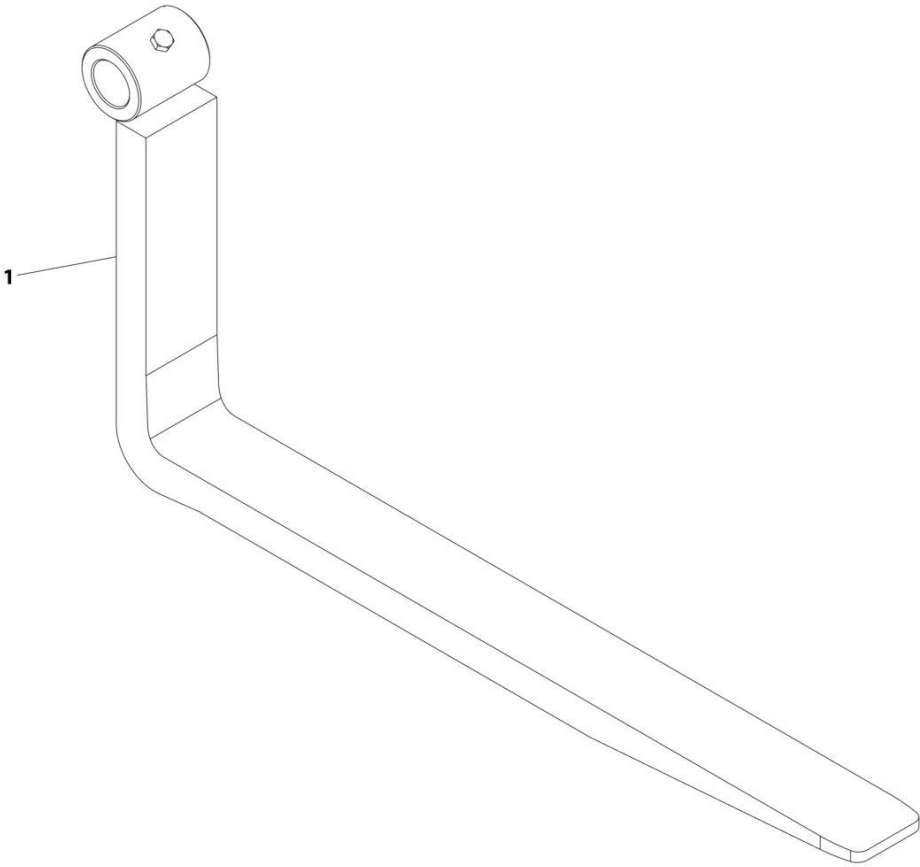
SECTION 3 - ATTACHMENTS

FIGURE 3-42. FORK - PALLET (50X100X1200) (CE & AUS WITH SIDE SHIFT CARRIAGE) (4.0 TON - 1225MM)

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 3-43. FORK - PALLET (50X120X1200)



ART_1001257327-B

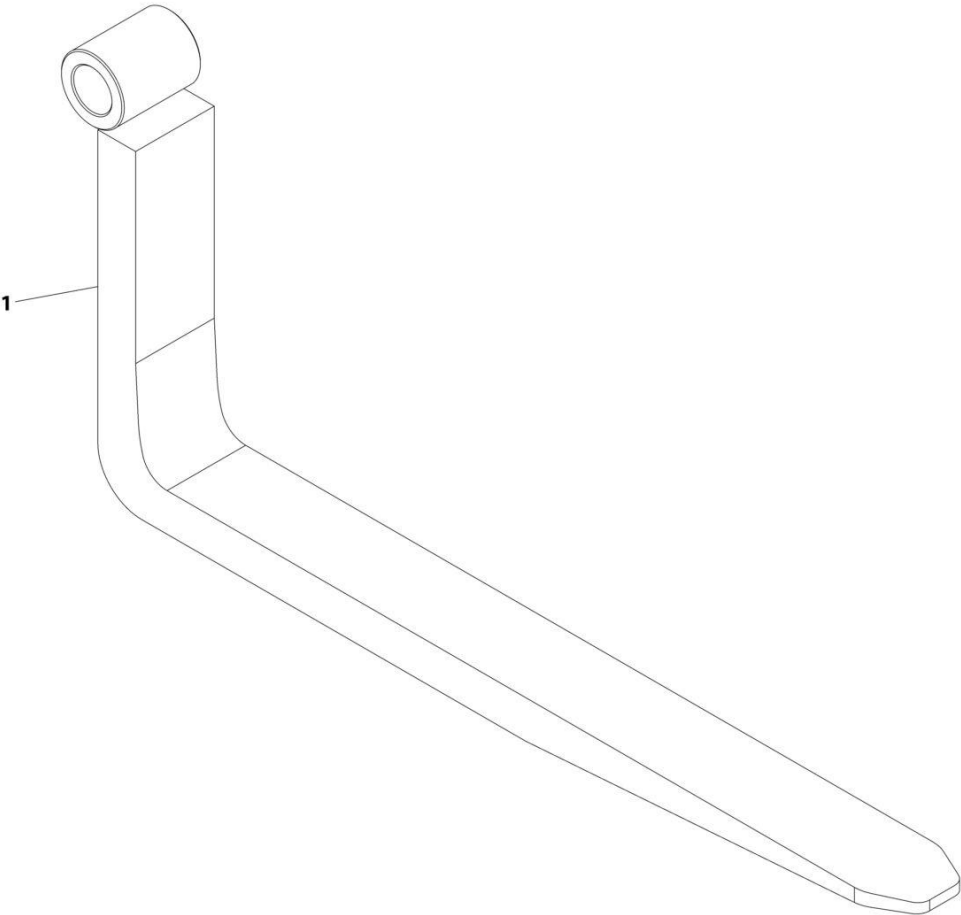
SECTION 3 - ATTACHMENTS

FIGURE 3-43. 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 3-44. FORK - PALLET (60X125X1220)



ART_1001257318-B

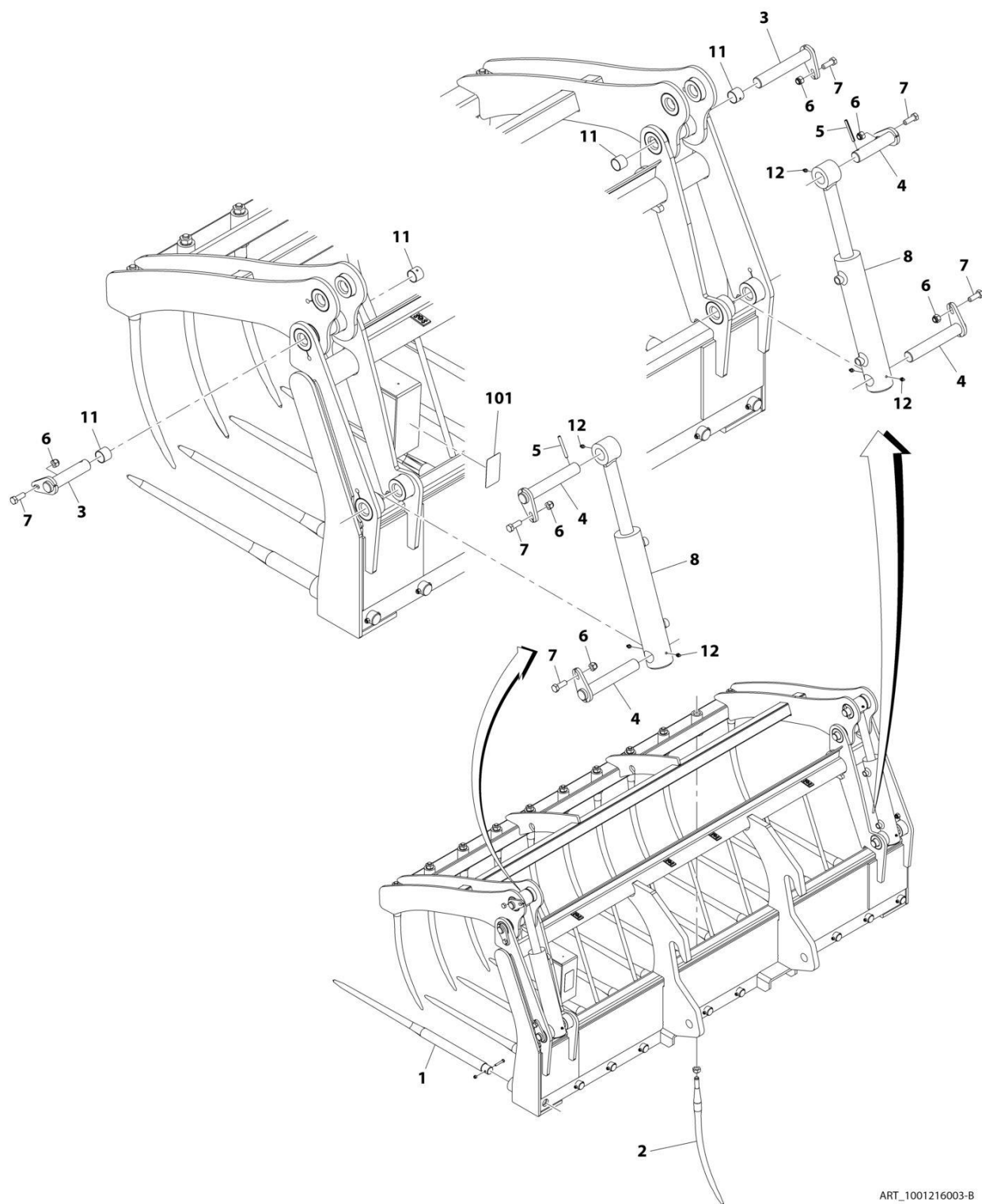
SECTION 3 - ATTACHMENTS

FIGURE 3-44. 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.	

SECTION 3 - ATTACHMENTS

FIGURE 3-45. FORK - MUCK WITH GRAB



ART_1001216003-B

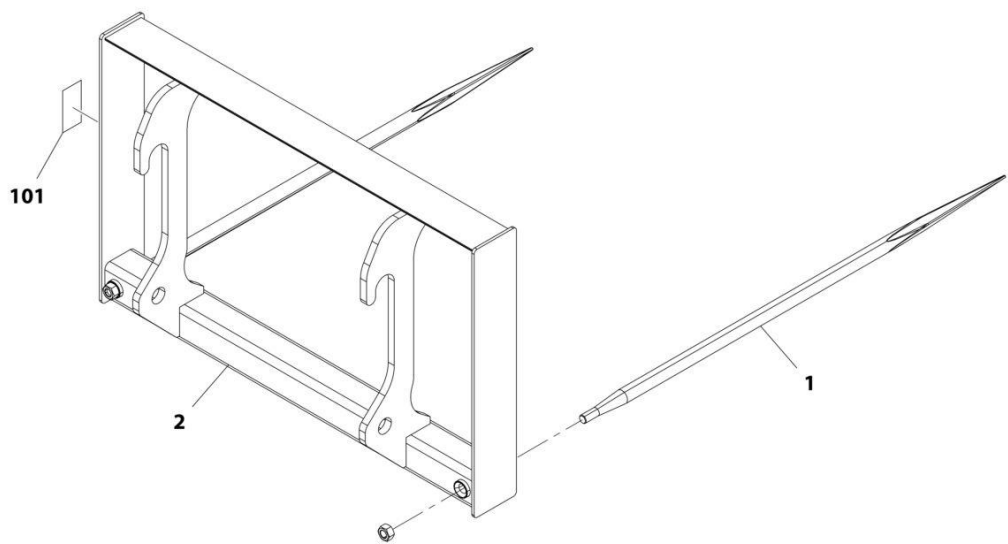
SECTION 3 - ATTACHMENTS

FIGURE 3-45. 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 3-46. FORK - DUAL TINE BAILING WITH CARRIAGE



ART_1001211897-B

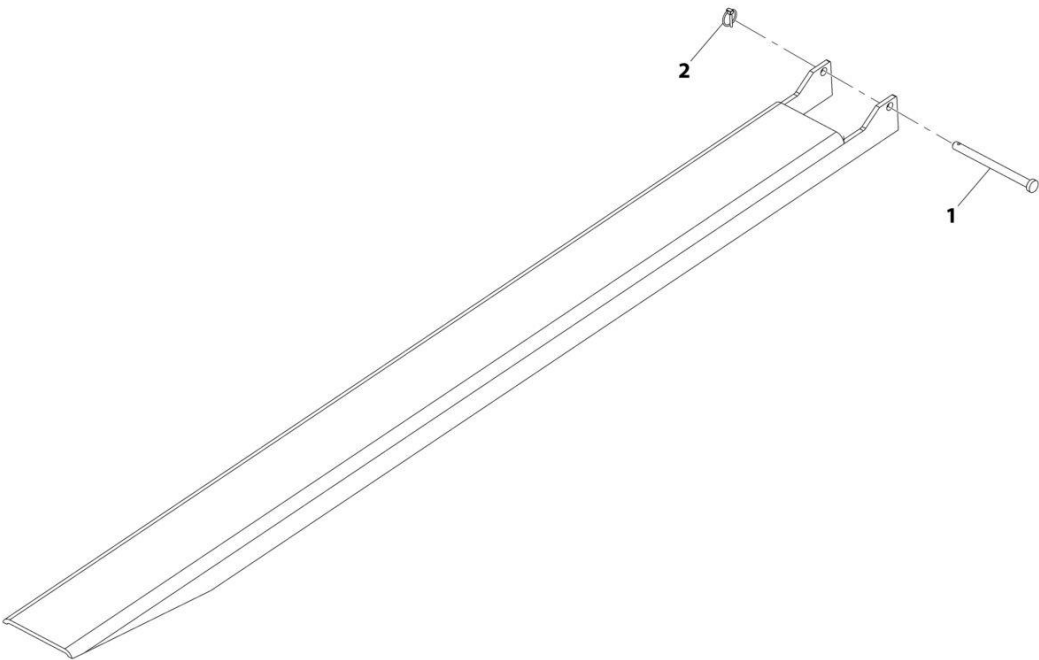
SECTION 3 - ATTACHMENTS

FIGURE 3-46. FORK - DUAL TINE BAILING WITH CARRIAGE

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

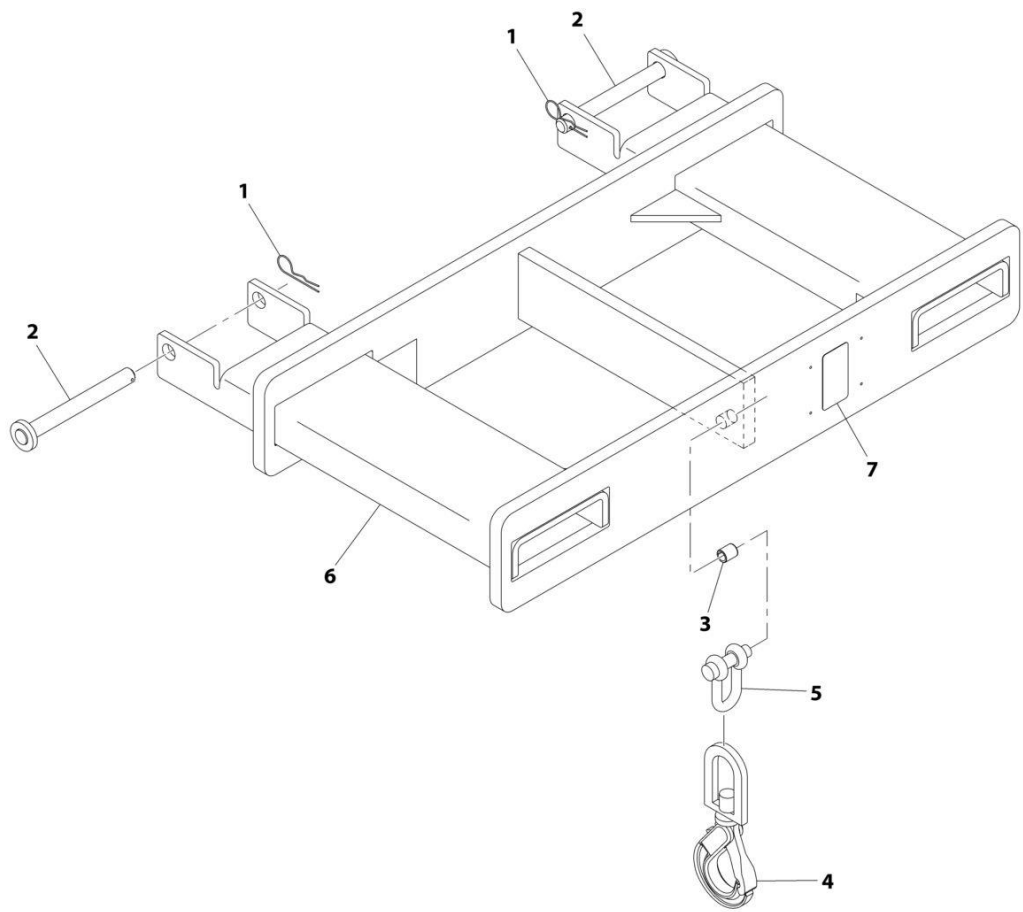
SECTION 3 - ATTACHMENTS

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. HOOK_CRANE (FORK MOUNTED)



ART_1001097205-I

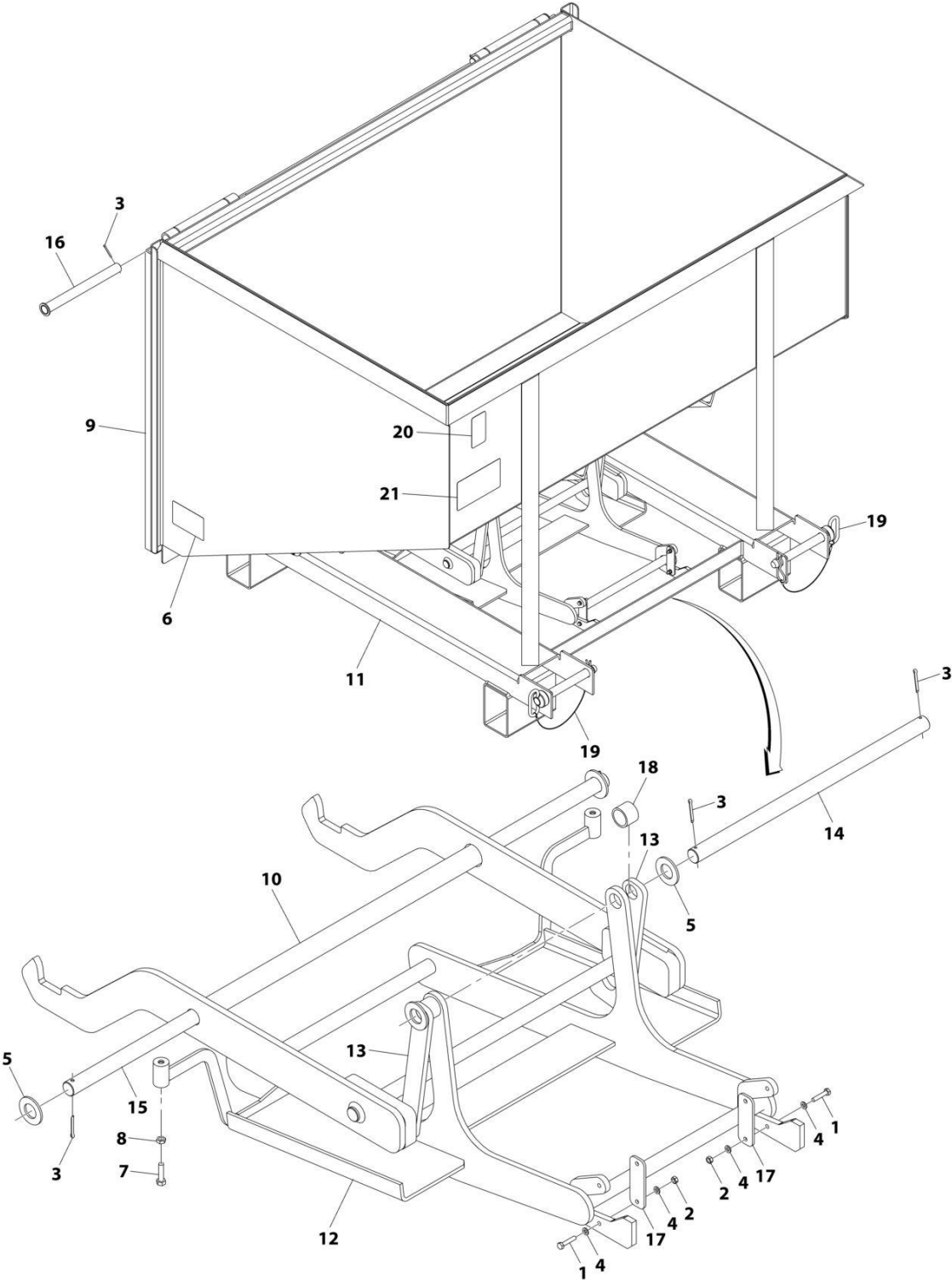
SECTION 3 - ATTACHMENTS

FIGURE 3-48. 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 3-49. TRASH HOPPER INSTALLATION



ART_1001238566-B

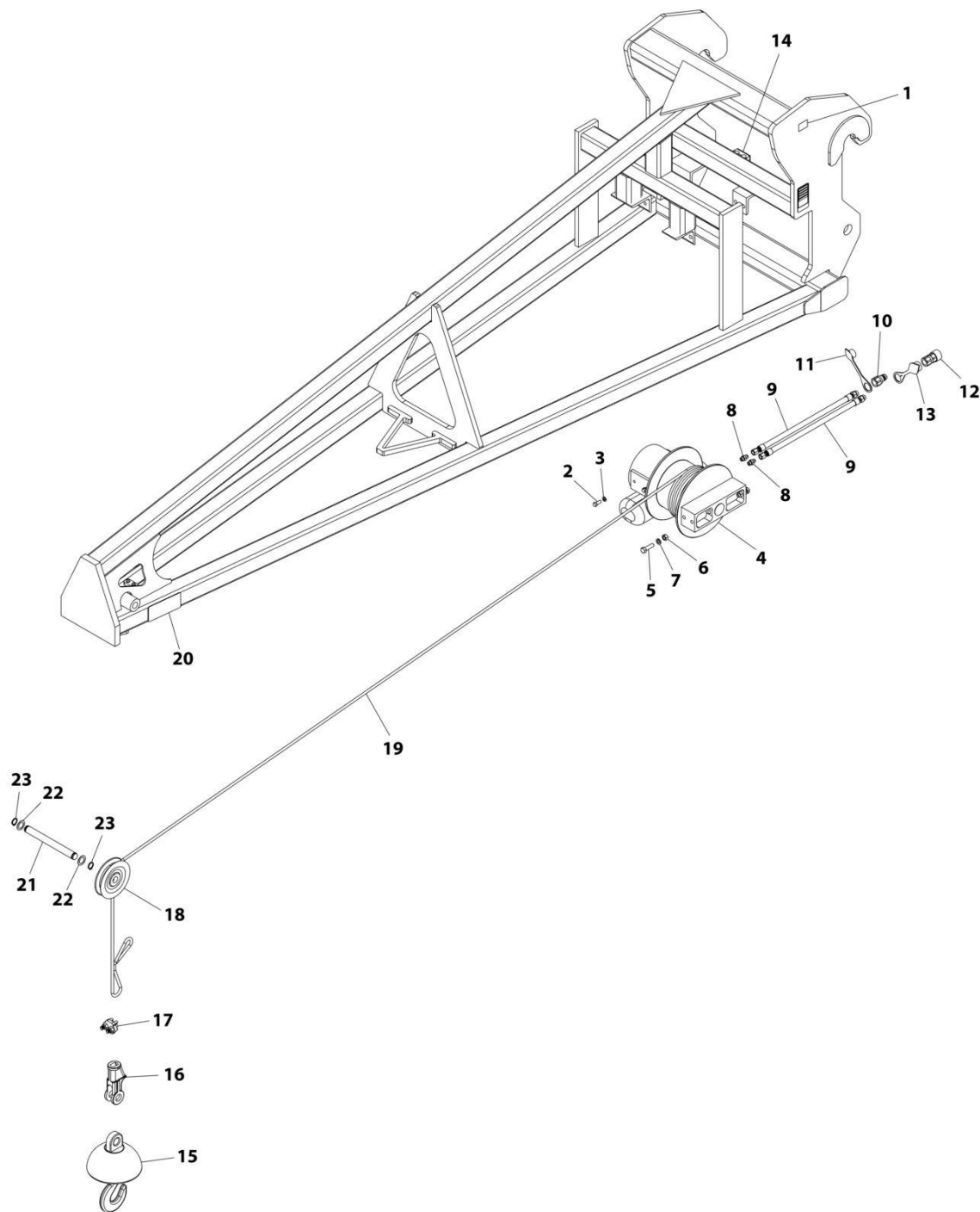
SECTION 3 - ATTACHMENTS

FIGURE 3-49. TRASH HOPPER INSTALLATION

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 3-50. TRUSS BOOM (0.9 TON - 12 FT WITH WINCH)



ART_1001206671-B

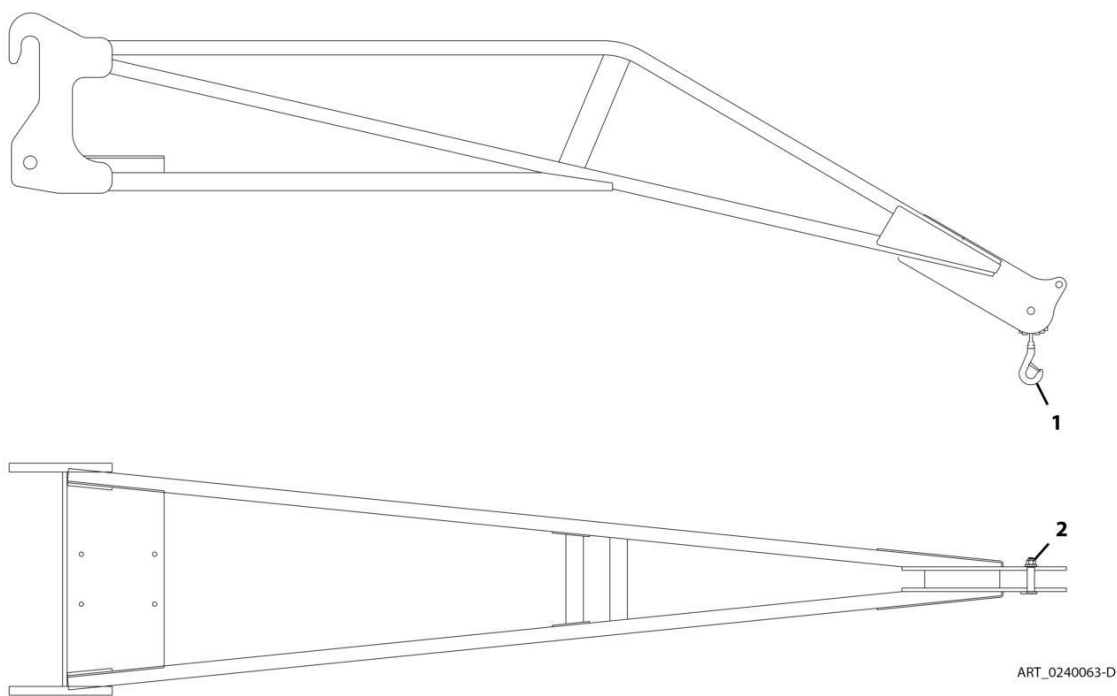
SECTION 3 - ATTACHMENTS

FIGURE 3-50. TRUSS BOOM (0.9 TON - 12 FT 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 3-51. TRUSS BOOM (1 TON - 3.4M)



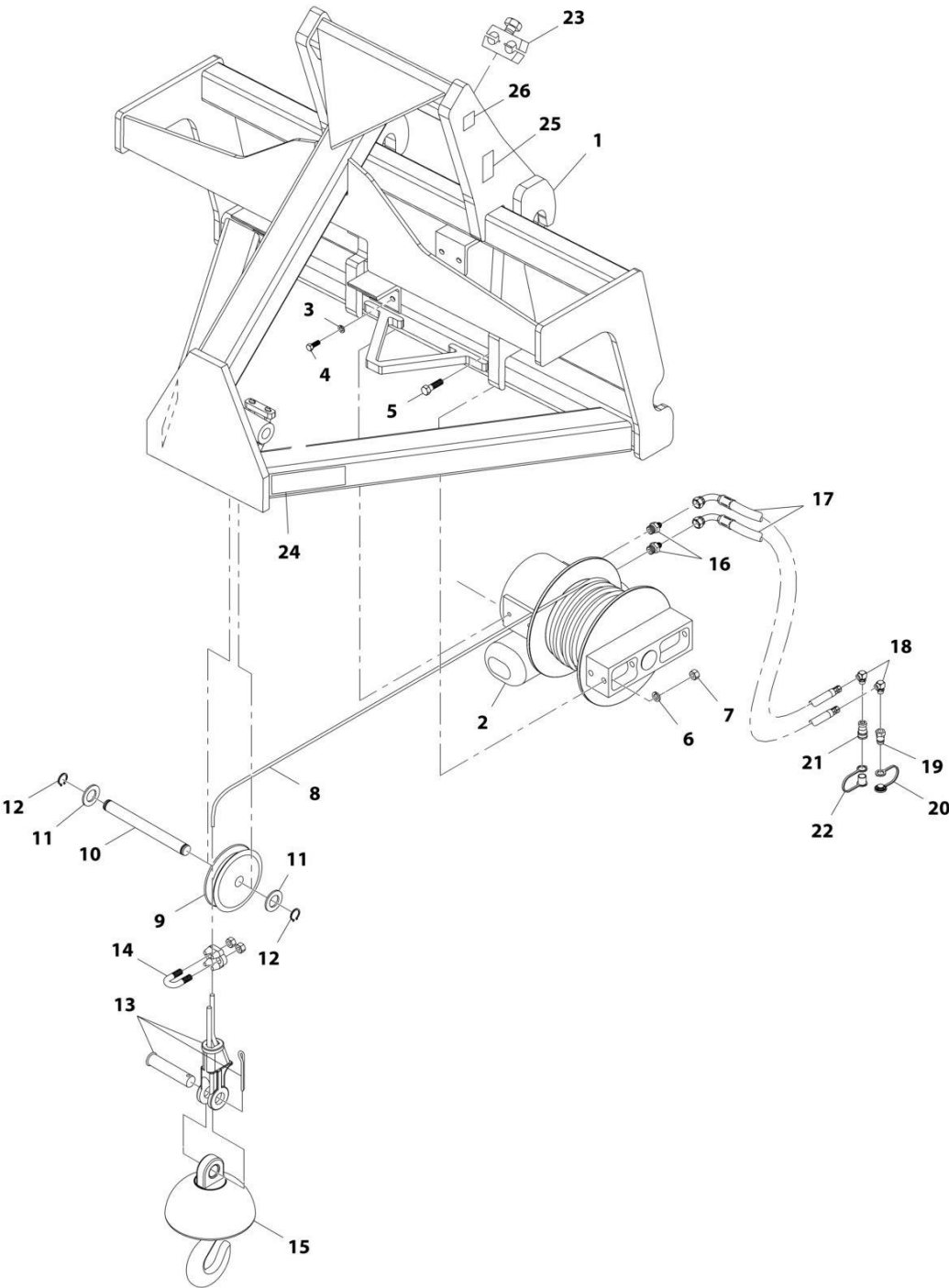
SECTION 3 - ATTACHMENTS

FIGURE 3-51. TRUSS BOOM (1 TON - 3.4M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0240063	Ref	Truss Boom (1 Ton - 3.4M)	D
1	70020421	1	Hook	
2	70020422	1	Bolt	

SECTION 3 - ATTACHMENTS

FIGURE 3-52. TRUSS BOOM (1.8 TON - 3 FT WITH WINCH)



ART_1001206669-B

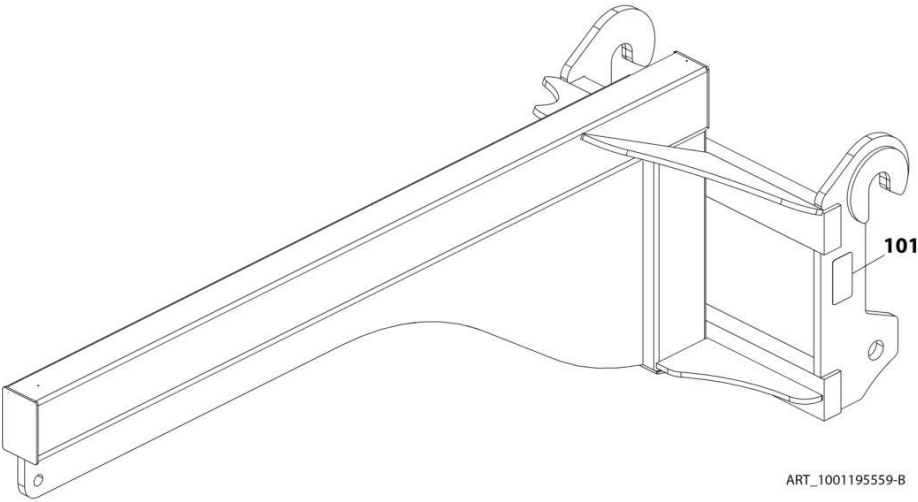
SECTION 3 - ATTACHMENTS

FIGURE 3-52. TRUSS BOOM (1.8 TON - 3 FT 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 3-53. TRUSS BOOM (4 TON - 2.1M)



ART_1001195559-B

SECTION 3 - ATTACHMENTS

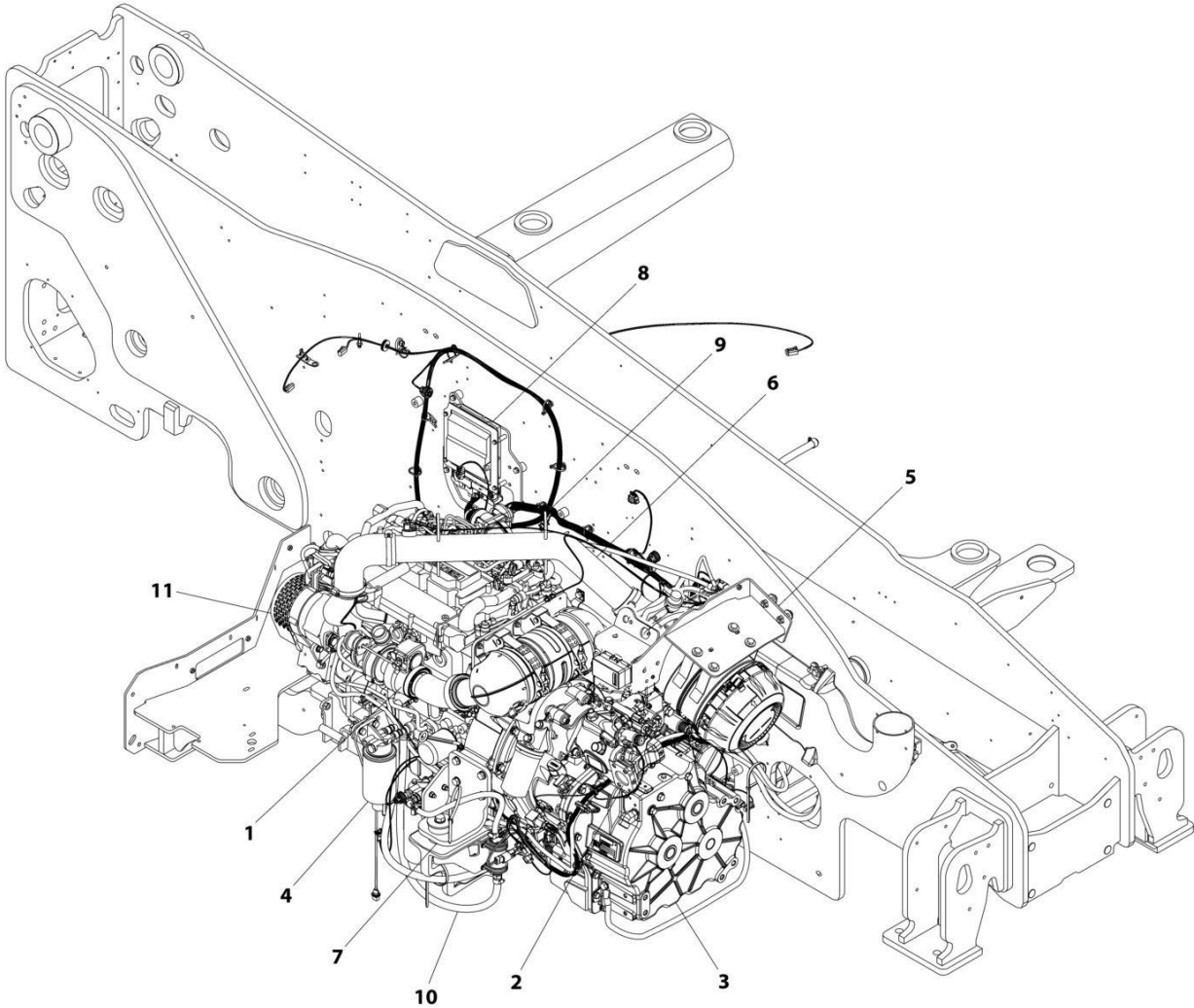
FIGURE 3-53. TRUSS BOOM (4 TON - 2.1M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001195559	1	Truss Boom (4 Ton - 2.1M)	B
	N.S.S.	1	Plate, Serial Number	

SECTION 4 - ENGINE AND ATTACHING PARTS

SECTION 4 - ENGINE AND ATTACHING PARTS

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



ART_1001175309_G

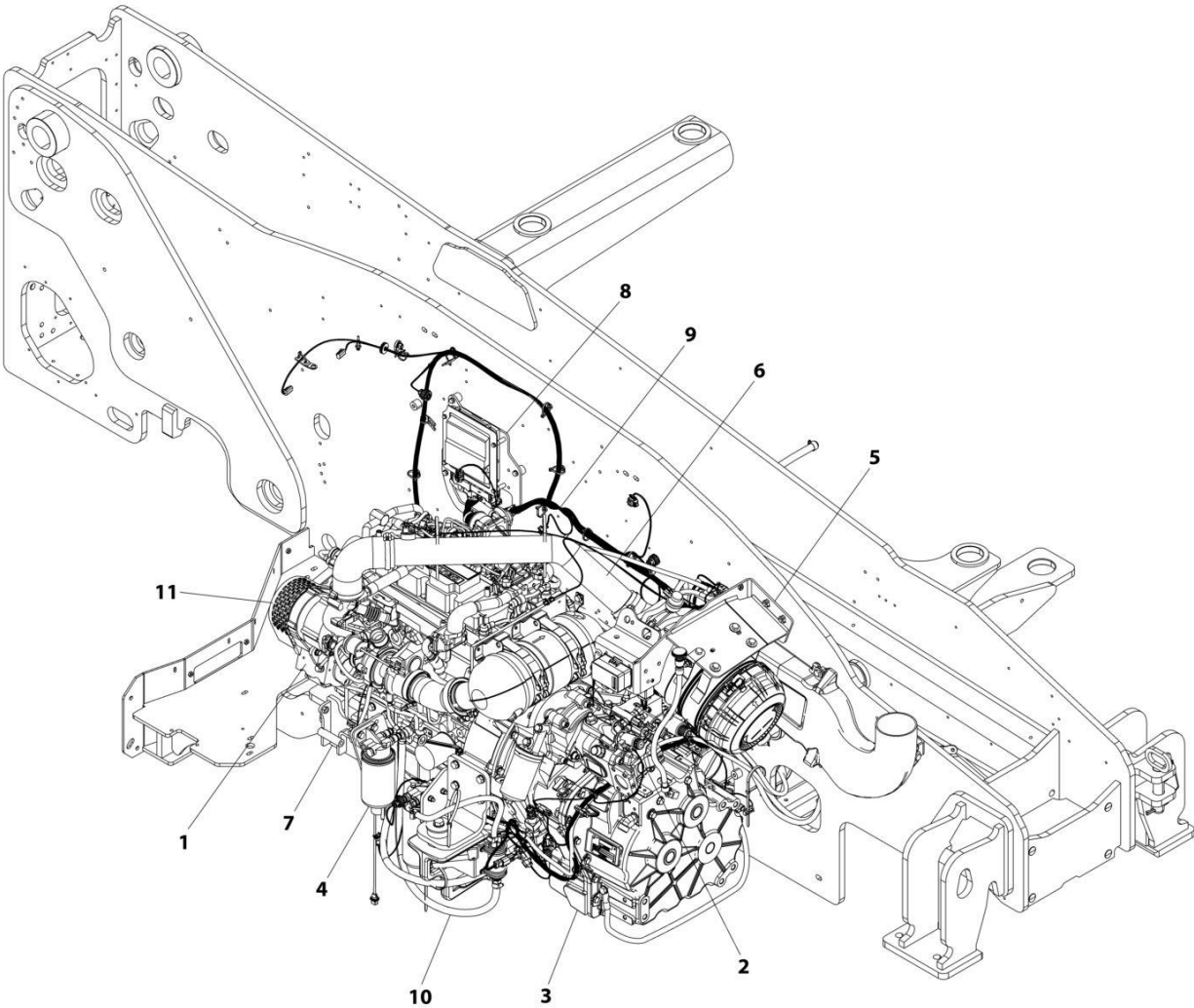
SECTION 4 - ENGINE AND ATTACHING PARTS

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

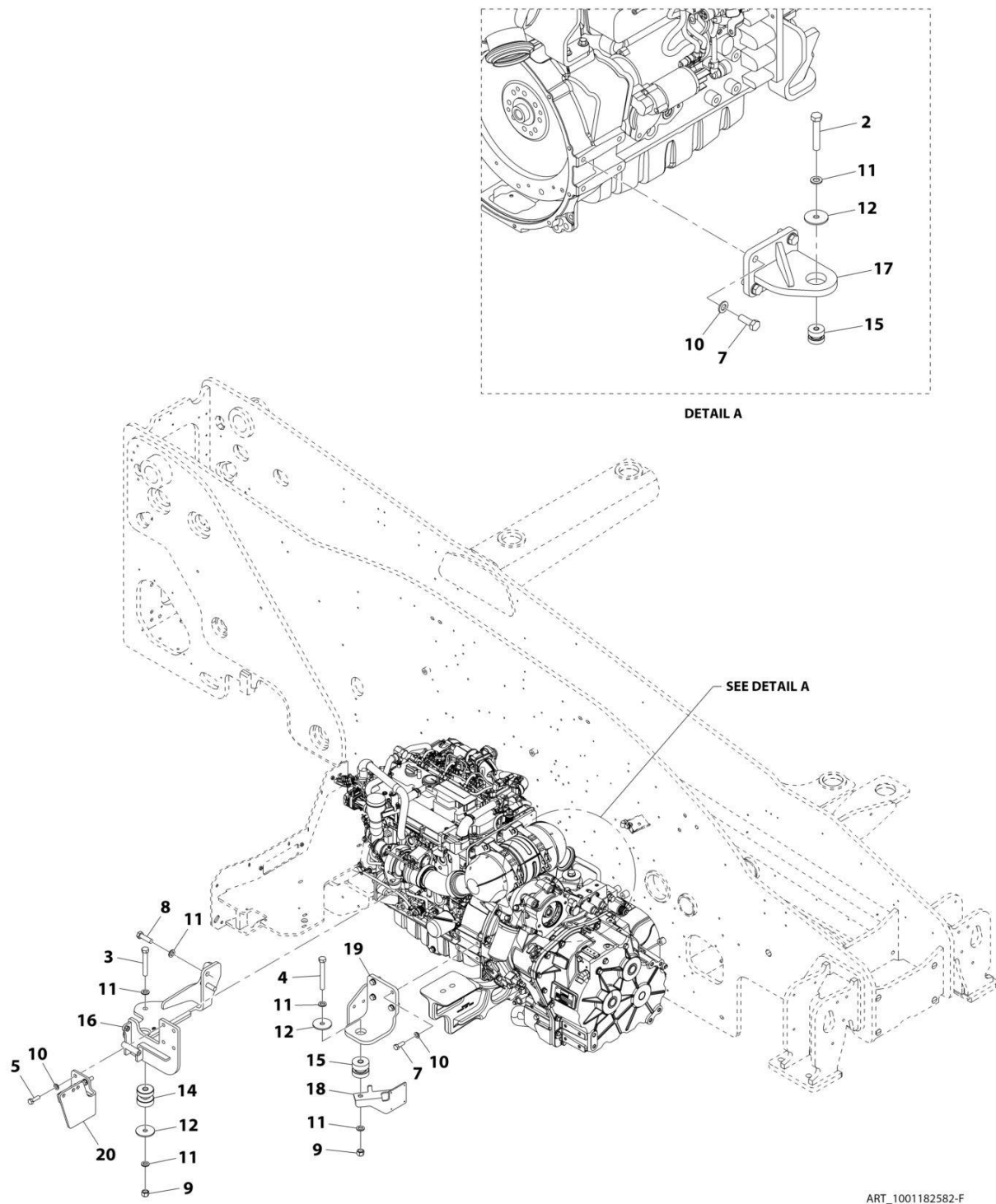
SECTION 4 - ENGINE AND ATTACHING PARTS

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001178622	Ref	ENGINE 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)



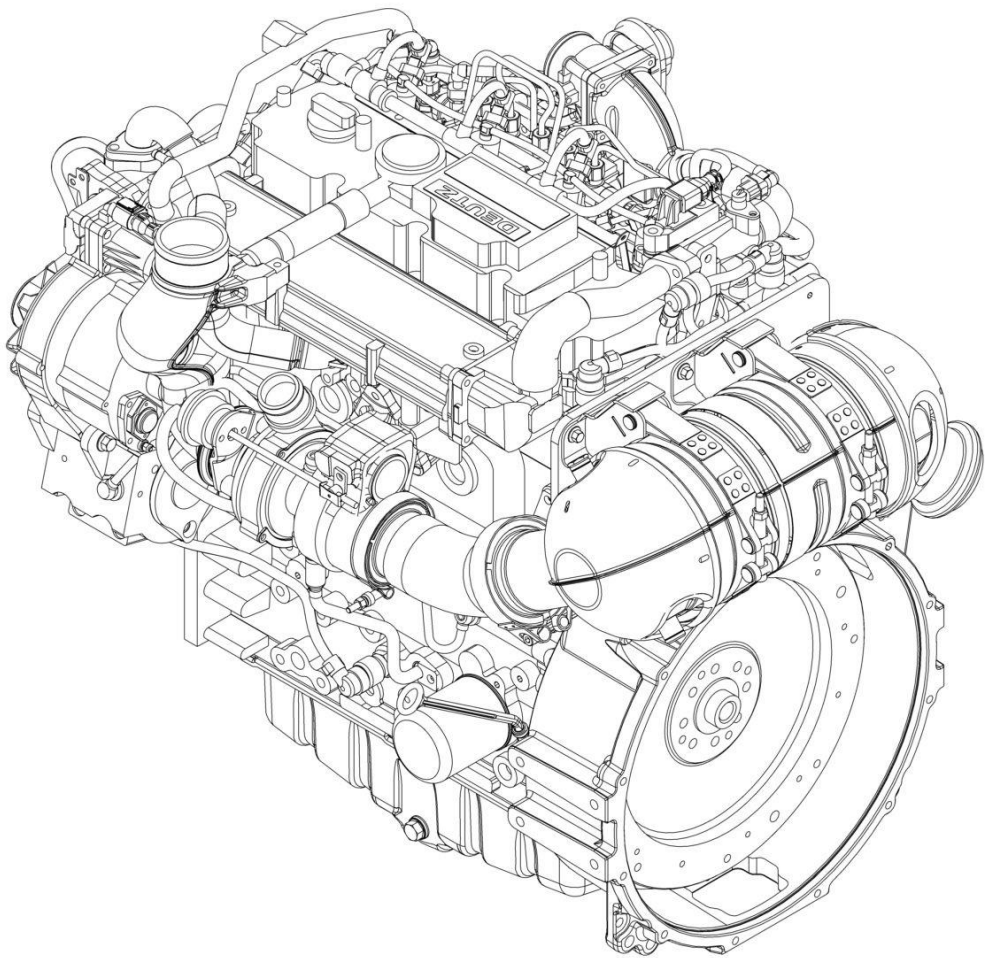
SECTION 4 - ENGINE AND ATTACHING PARTS

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

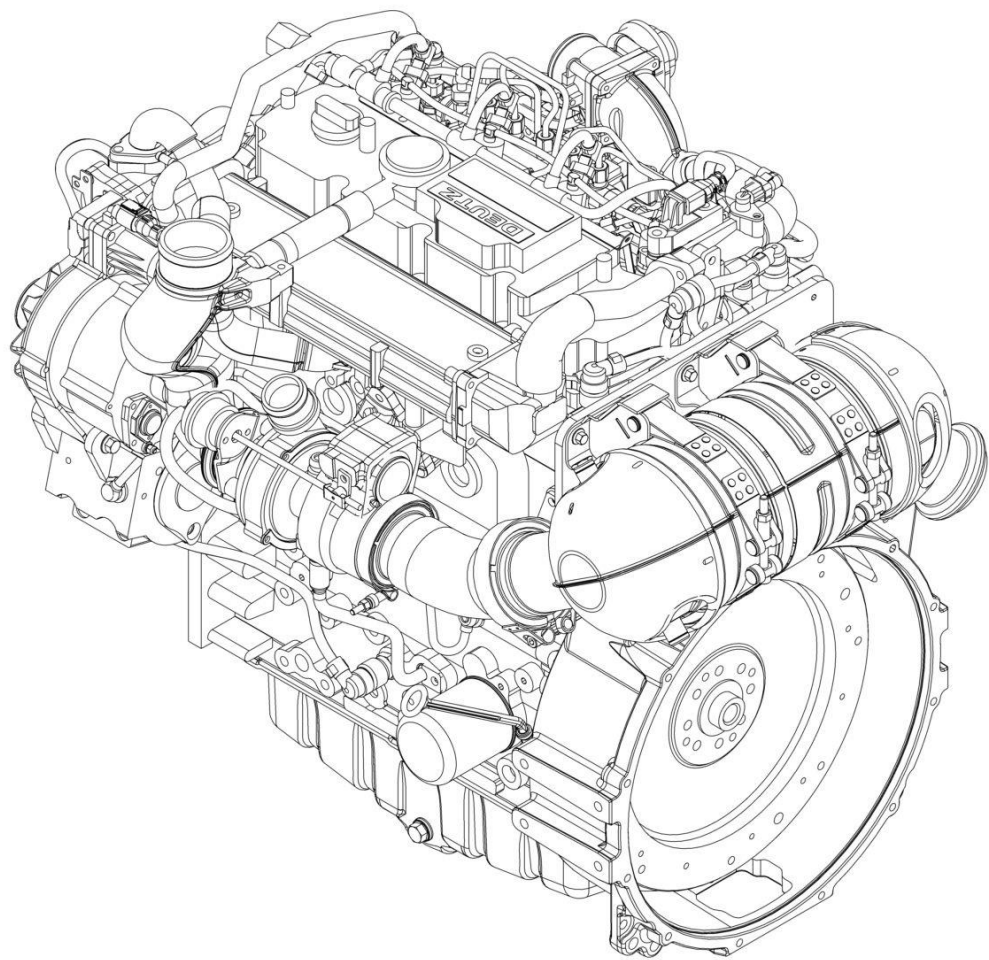
SECTION 4 - ENGINE AND ATTACHING PARTS

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

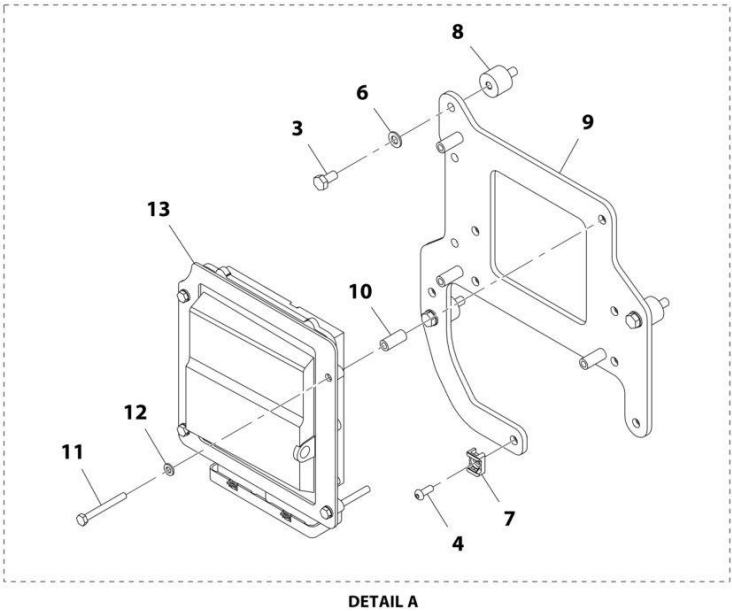
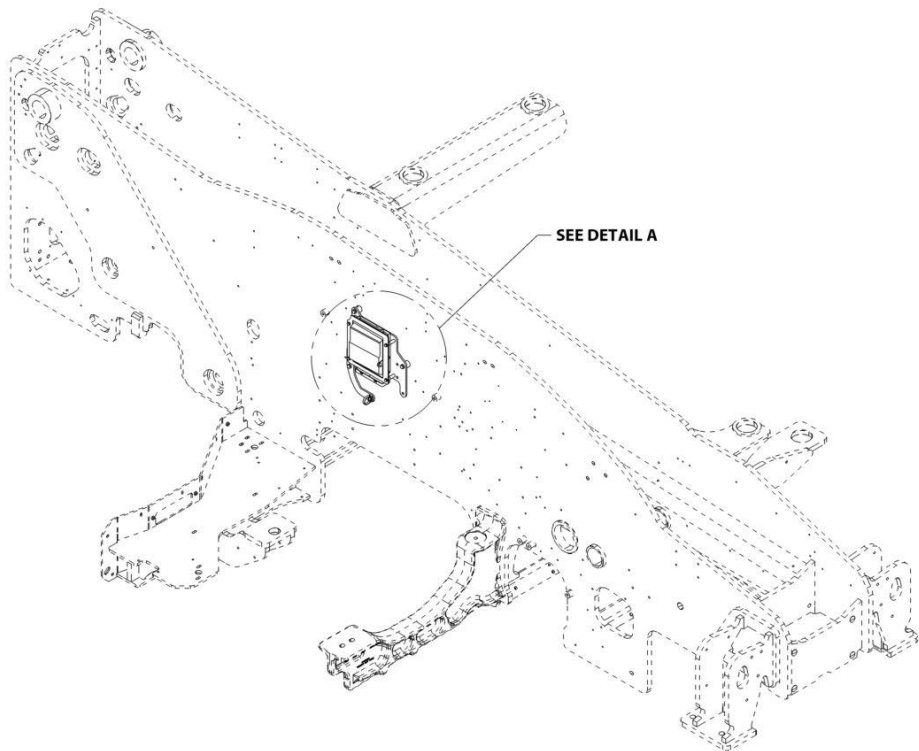
SECTION 4 - ENGINE AND ATTACHING PARTS

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

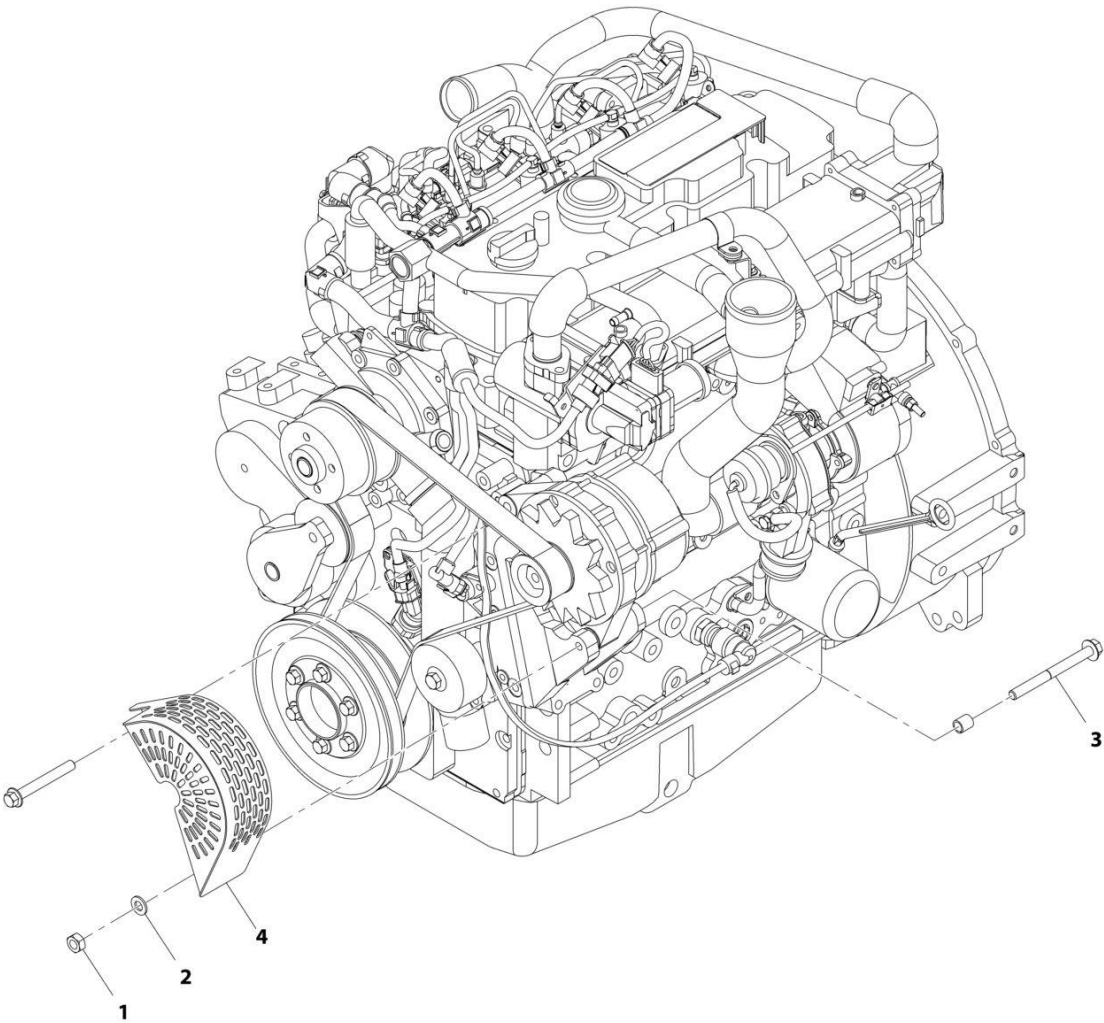
SECTION 4 - ENGINE AND ATTACHING PARTS

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

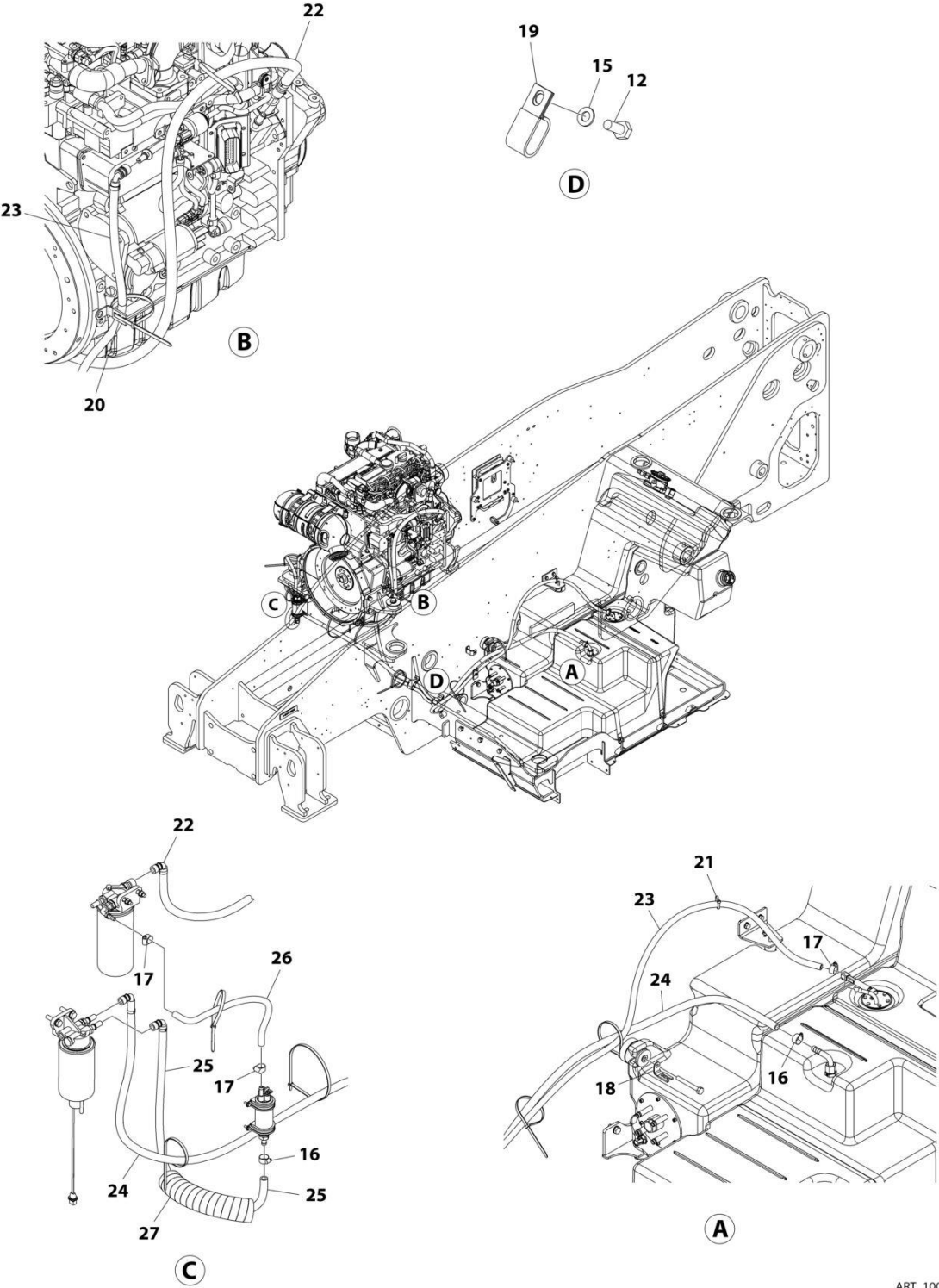
SECTION 4 - ENGINE AND ATTACHING PARTS

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

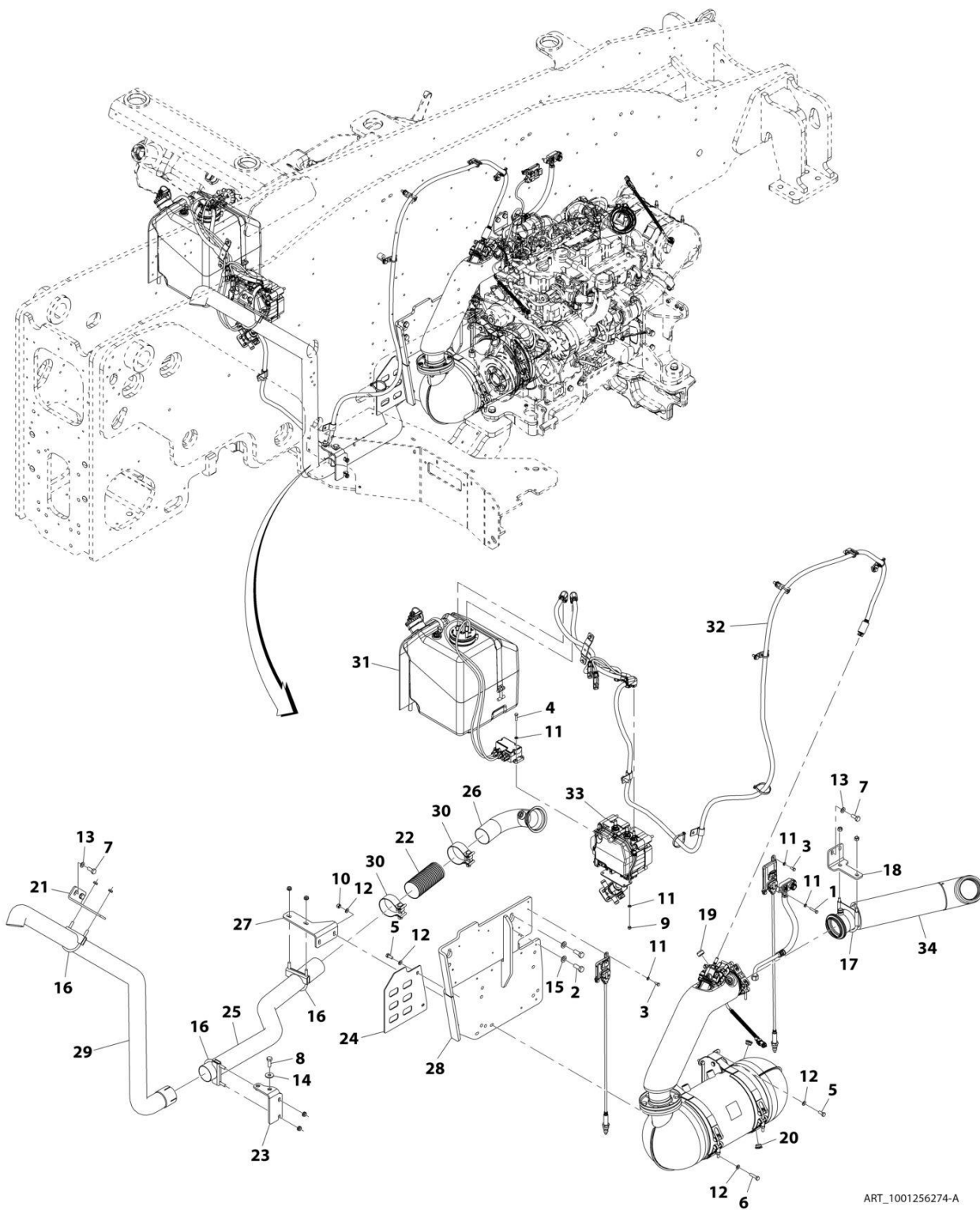
SECTION 4 - ENGINE AND ATTACHING PARTS

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

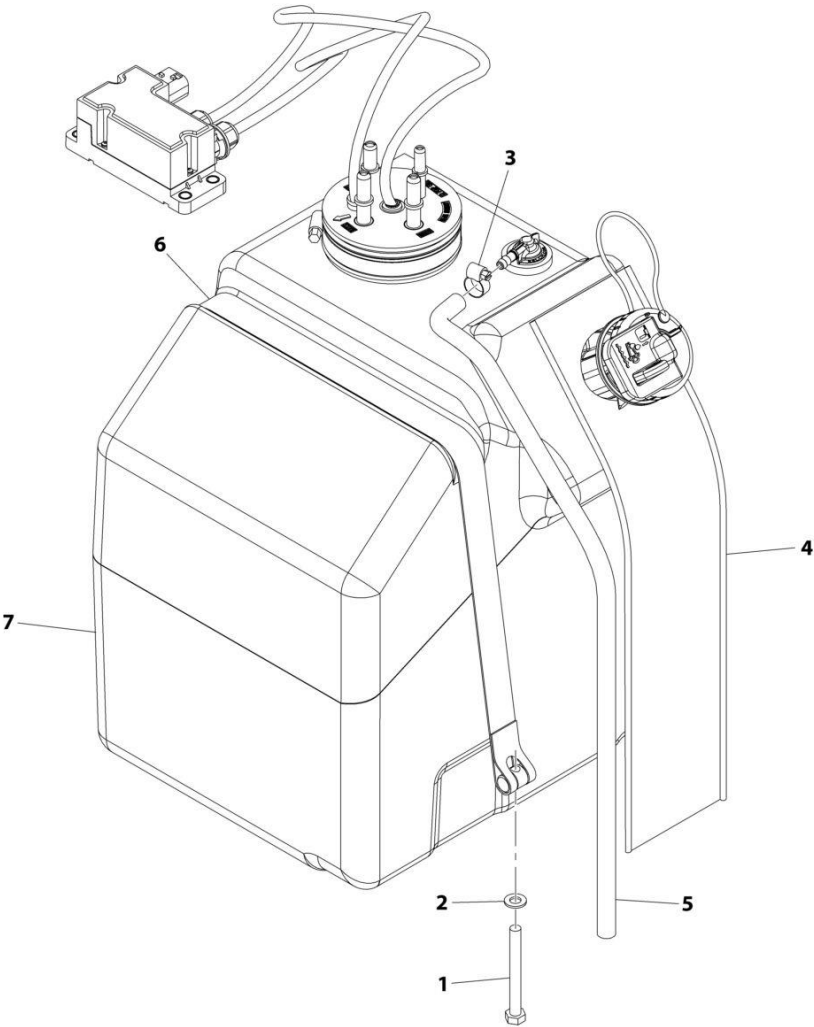
SECTION 4 - ENGINE AND ATTACHING PARTS

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 TANK INSTALLATION (ULS)



ART_1001256277-A

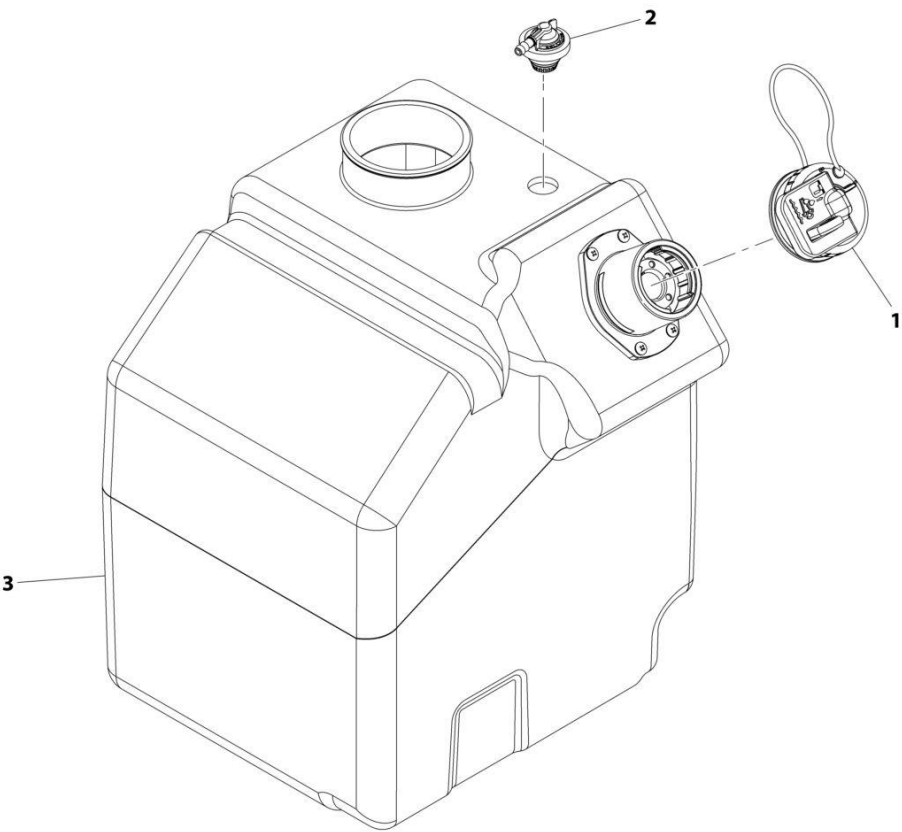
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-10. DEF TANK INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256277	Ref	DEF Tank Installation (ULS)	A
1	0760823	1	Bolt, M8X75	
2	4811900	1	Washer, M8	
3	8405009	1	Clamp	
4	1001168272	1	Sleeve	
5	1001175201	0.6 m	Hose	
6	1001178791	1	Strap	
7	1001247279	1	DEF Tank Assembly (ULS) (See Separate Breakdown in this Section)	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-11. DEF TANK ASSEMBLY (ULS)



ART_1001247279-B

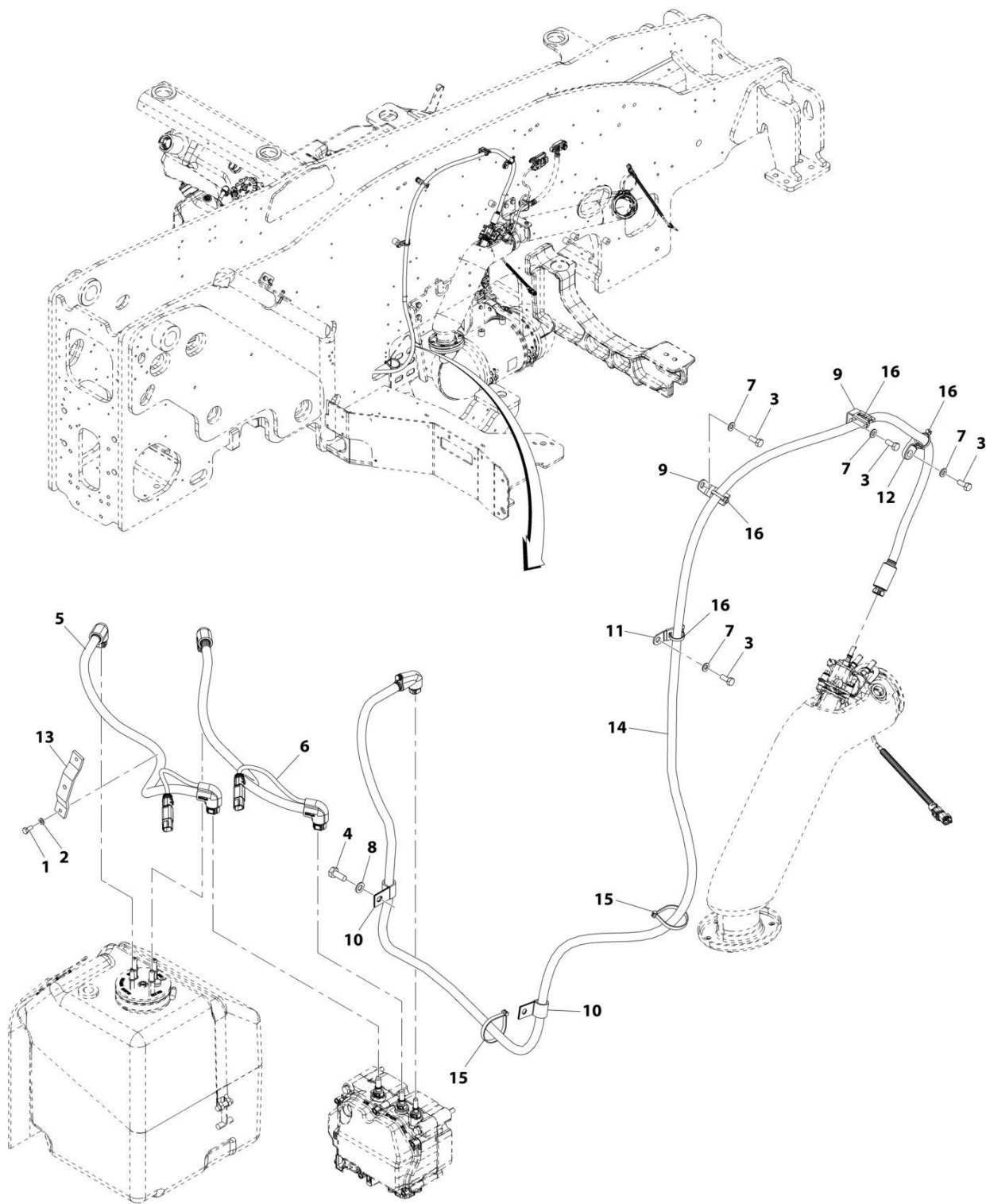
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-11. DEF TANK ASSEMBLY (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247279	Ref	DEF Tank Assembly	B
1	1001174795	1	Reutter Cap Assembly	
2	1001215319	1	DEF Breather Valve	
3	1001237897	NLA	DEF Tank (Use PN 1001247279)	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-12. DEF LINES INSTALLATION (ULS)



ART_1001256278-A

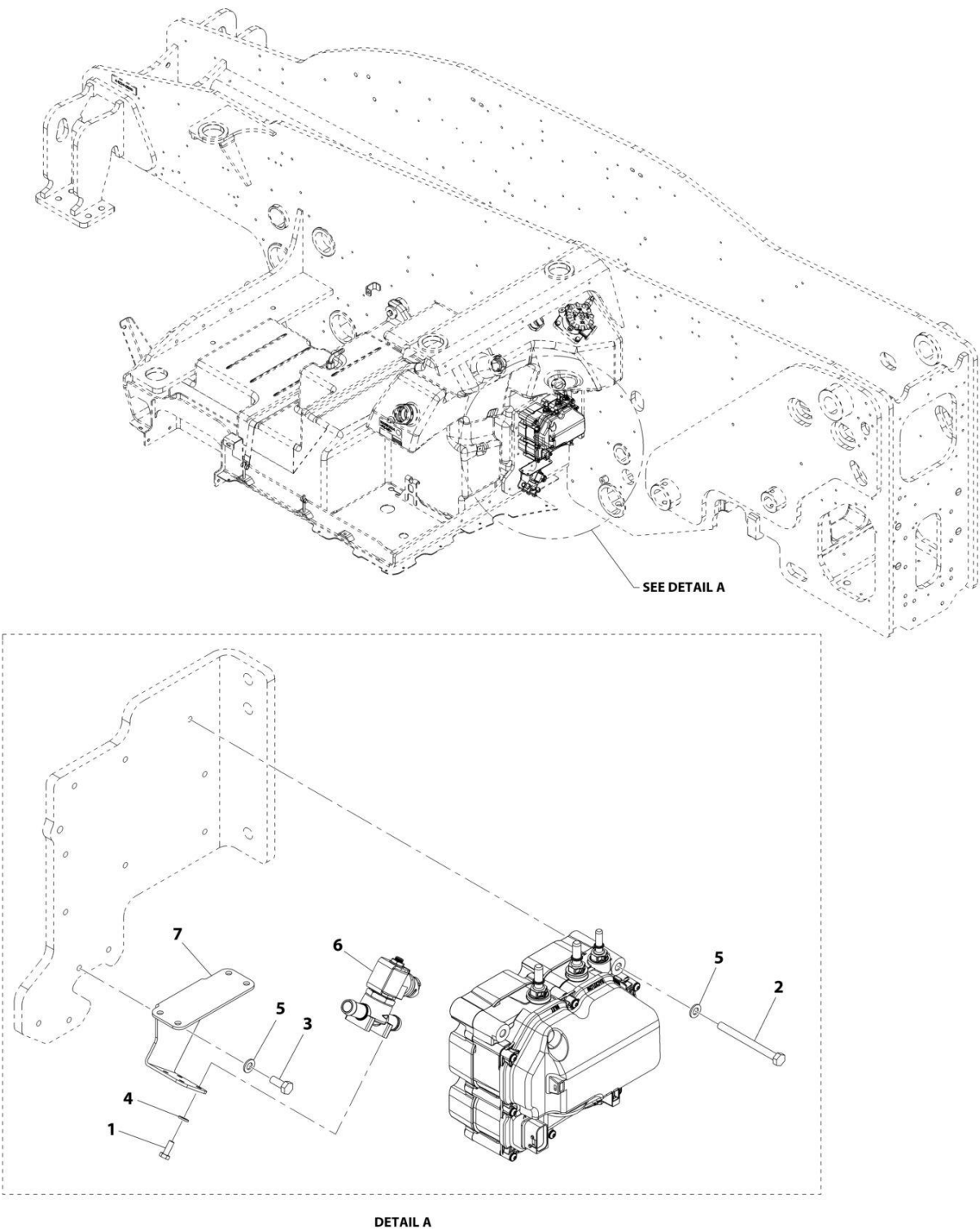
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-12. 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 4-13. DEF CONTROL MODULE INSTALLATION (ULS)



ART_1001256563-A

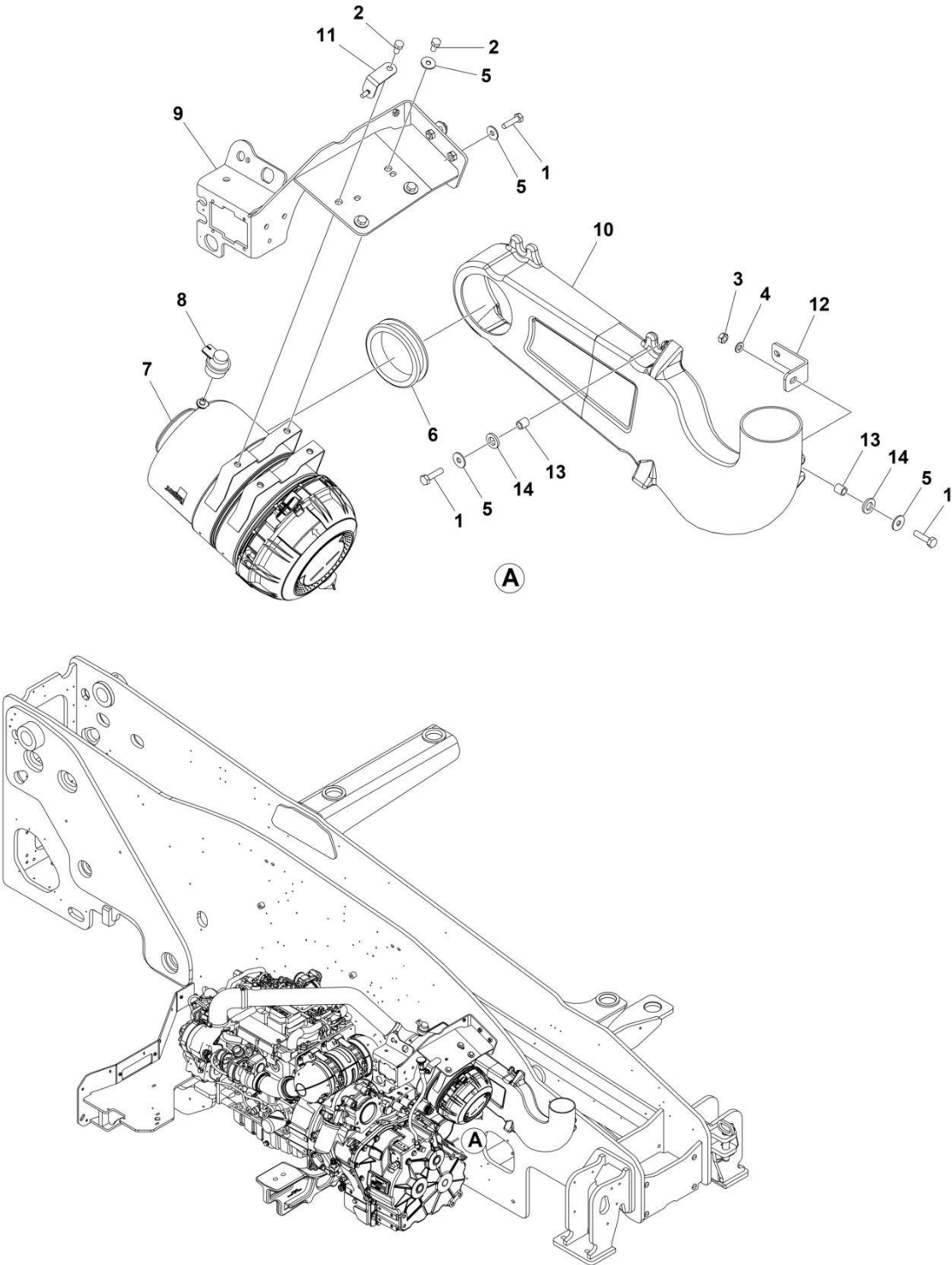
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-13. 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 4-14. AIR CLEANER INSTALLATION (90/100KW)



ART_1001257142_D

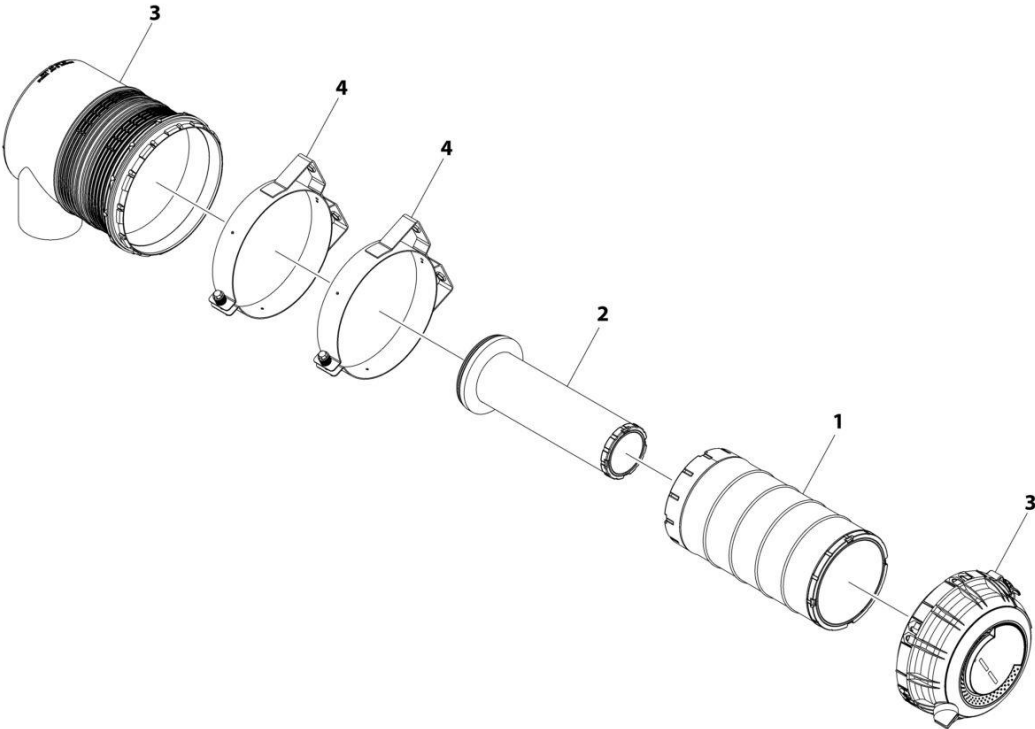
SECTION 4 - ENGINE AND ATTACHING PARTS

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

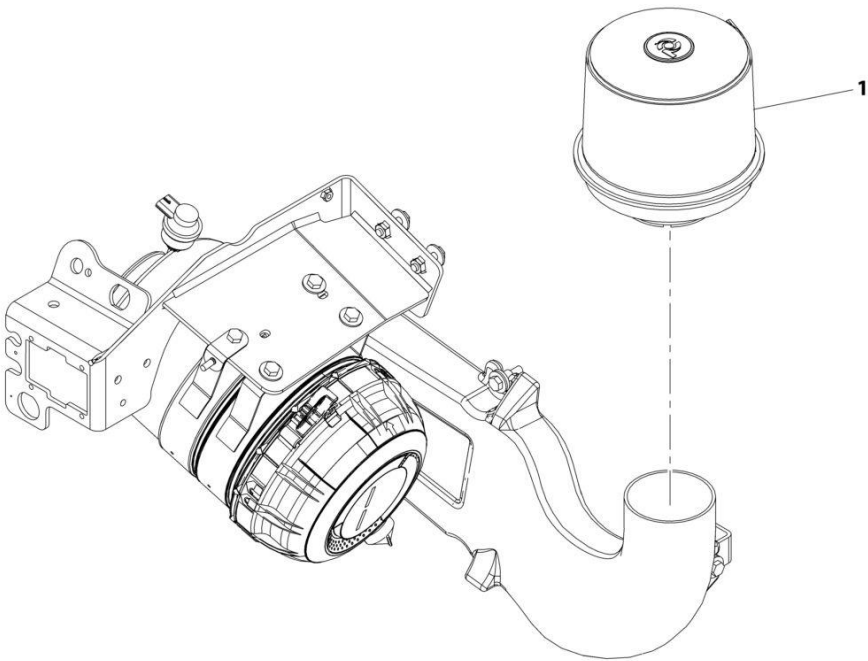
SECTION 4 - ENGINE AND ATTACHING PARTS

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

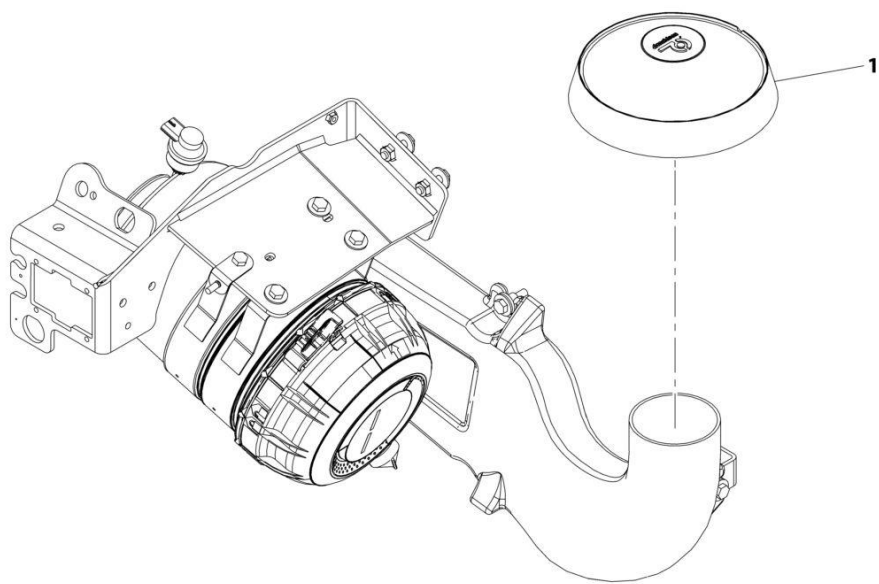
SECTION 4 - ENGINE AND ATTACHING PARTS

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

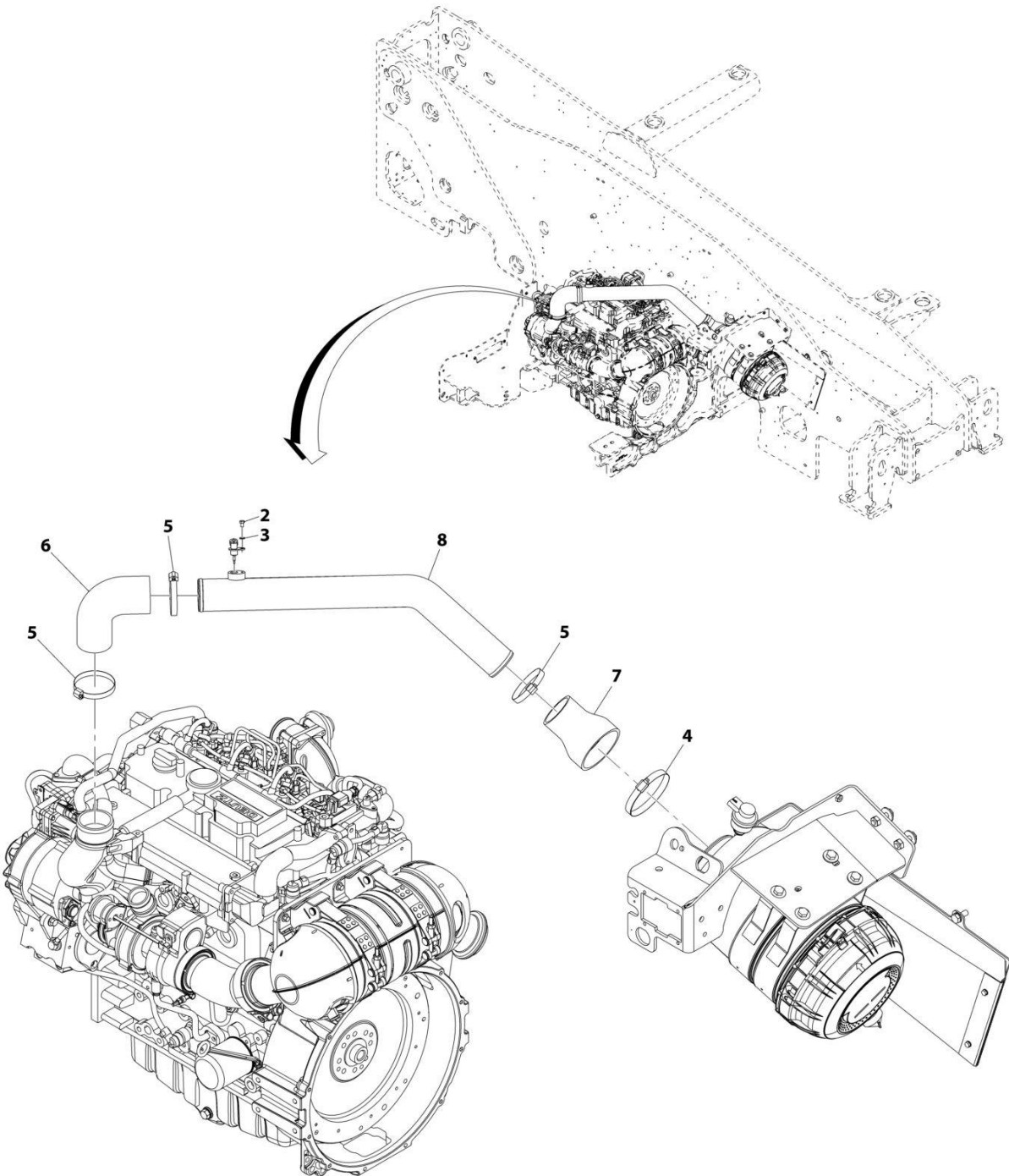
SECTION 4 - ENGINE AND ATTACHING PARTS

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

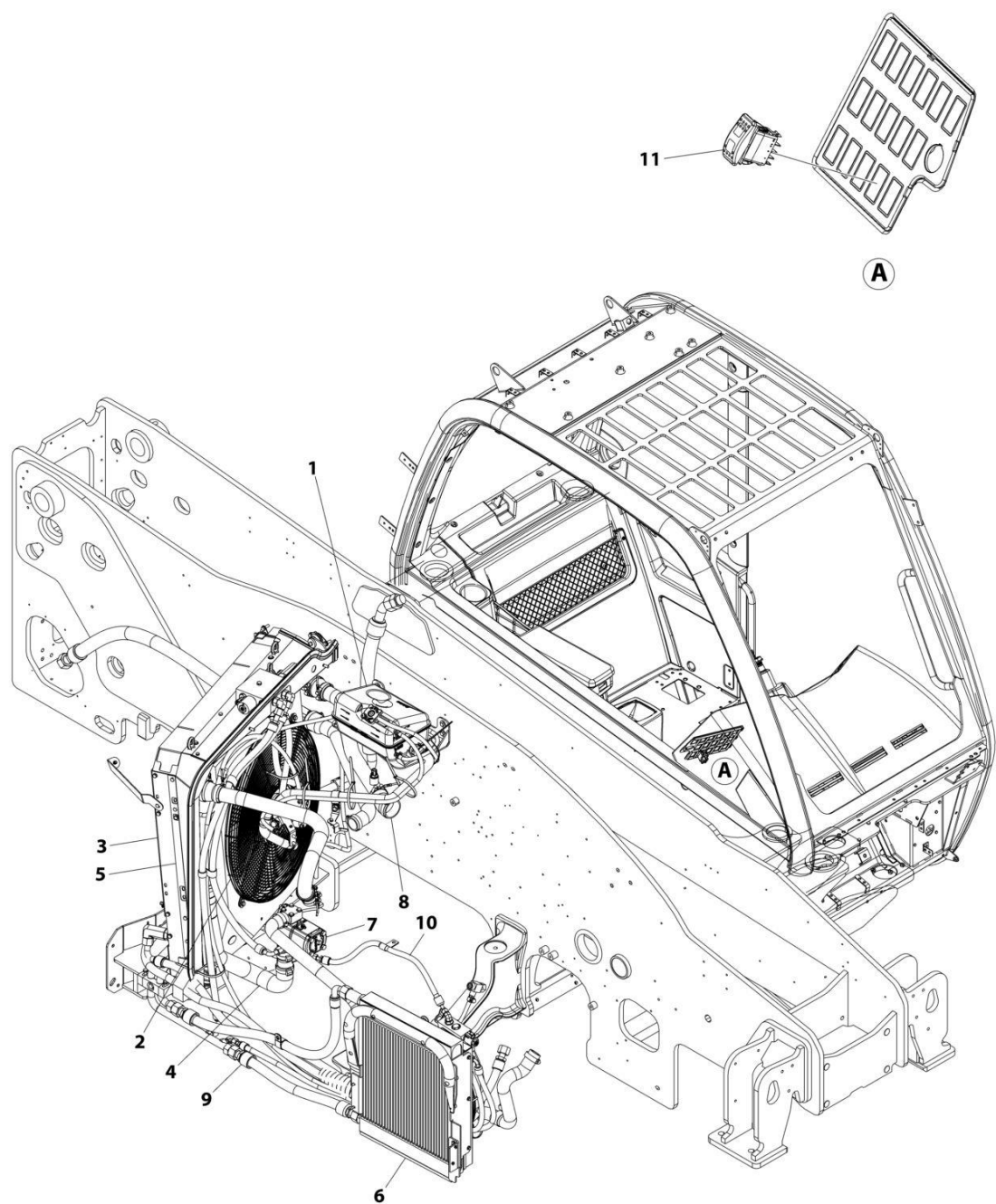
SECTION 4 - ENGINE AND ATTACHING PARTS

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

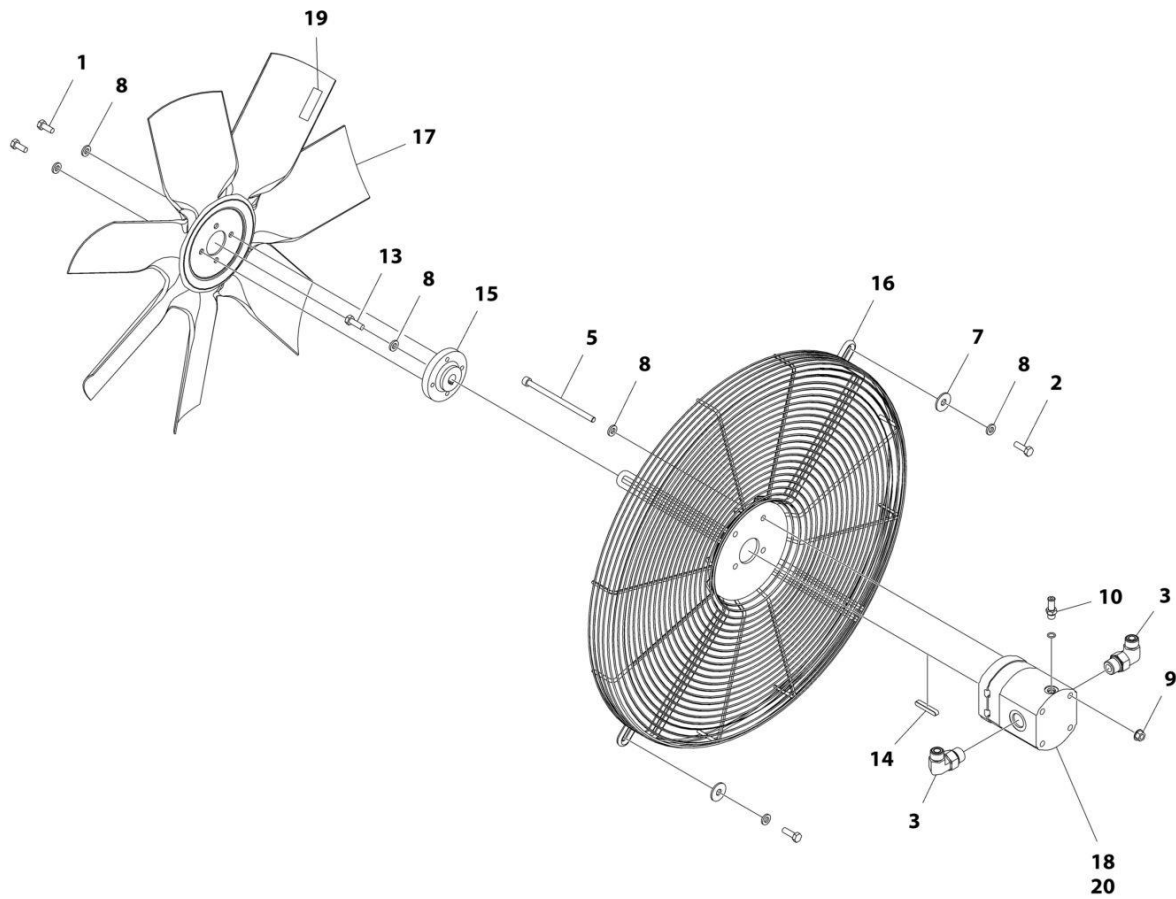
SECTION 4 - ENGINE AND ATTACHING PARTS

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

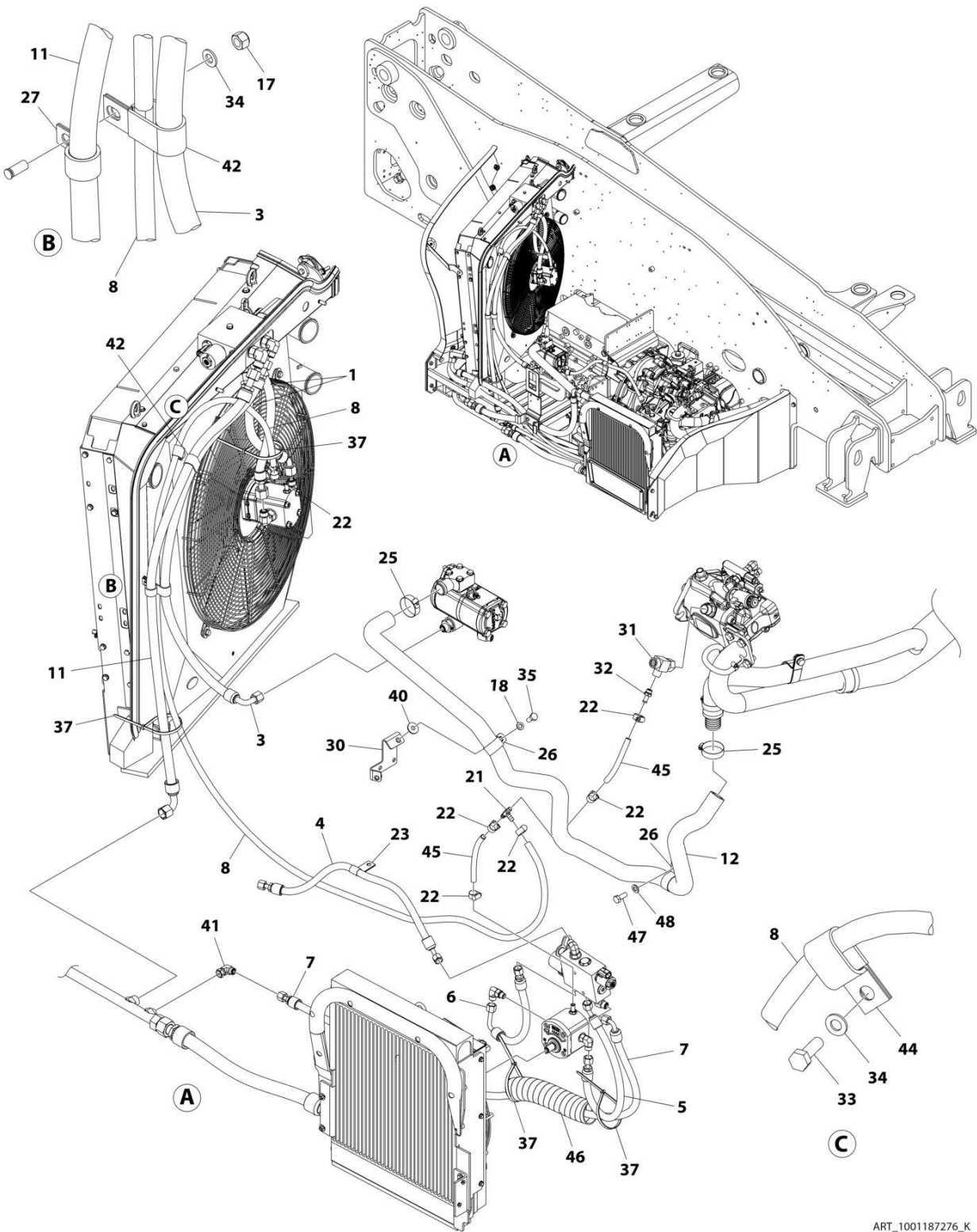
SECTION 4 - ENGINE AND ATTACHING PARTS

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

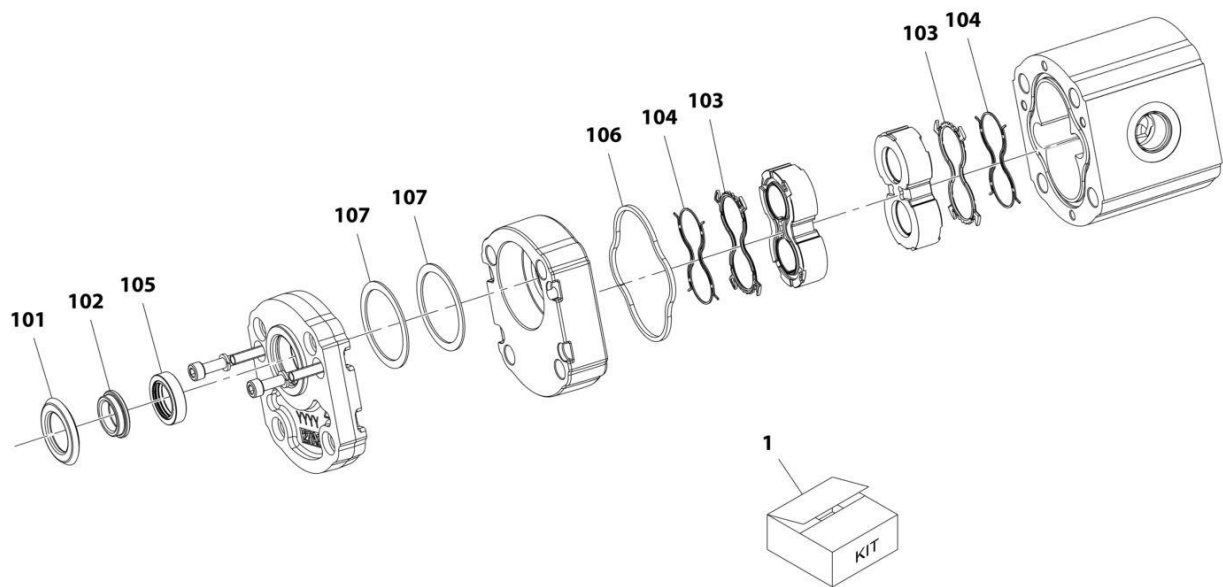
SECTION 4 - ENGINE AND ATTACHING PARTS

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

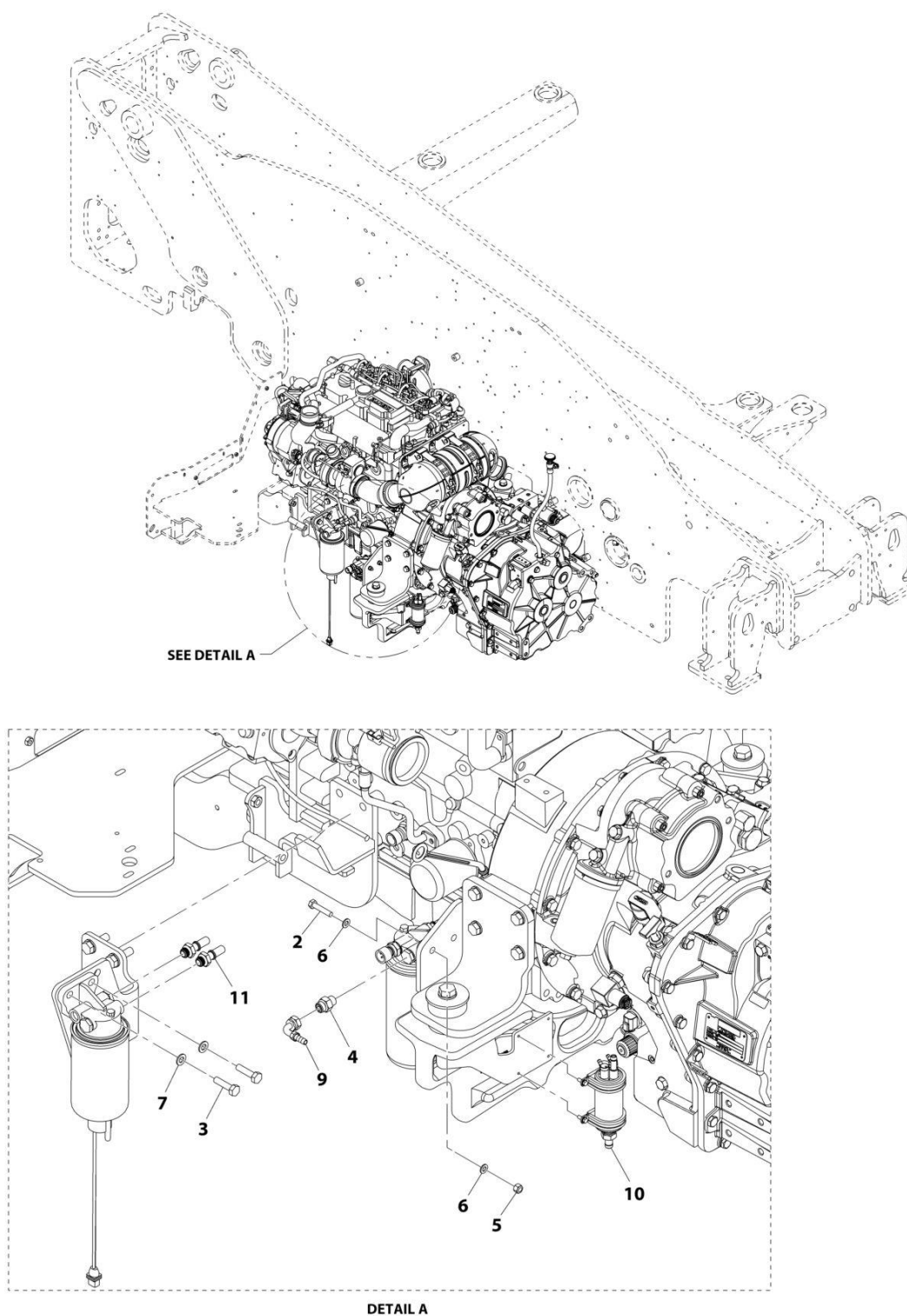
SECTION 4 - ENGINE AND ATTACHING PARTS

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

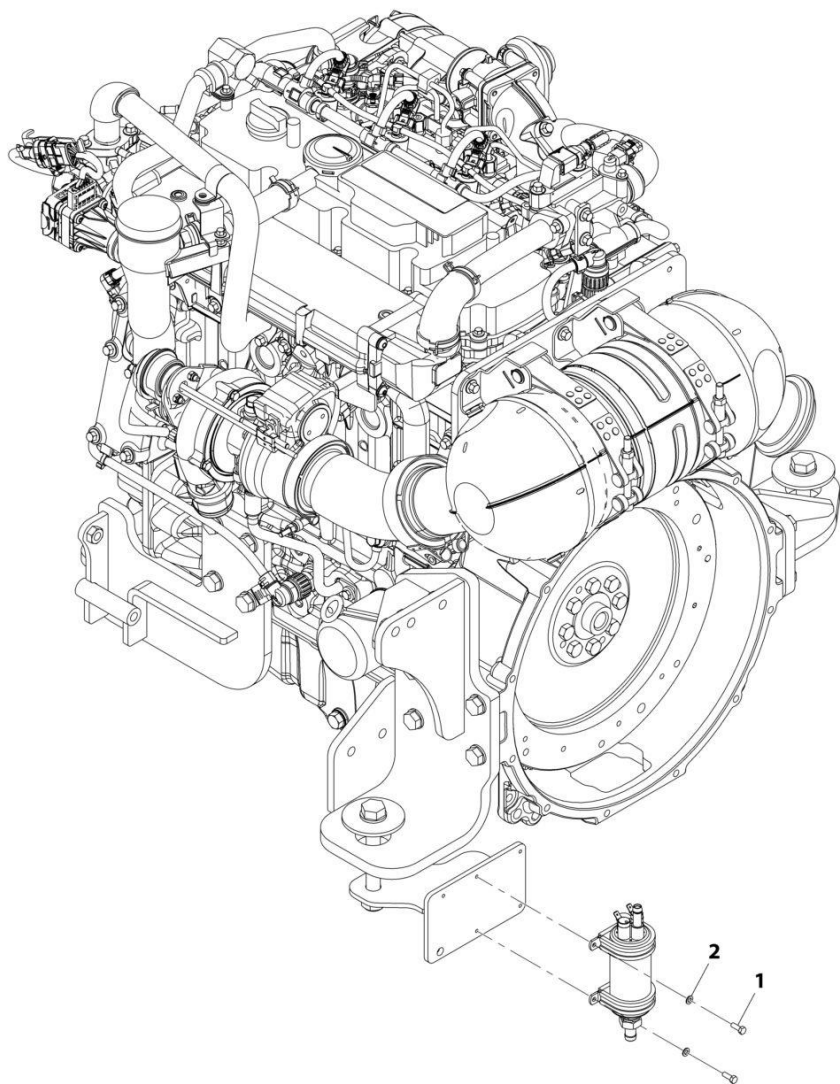
SECTION 4 - ENGINE AND ATTACHING PARTS

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

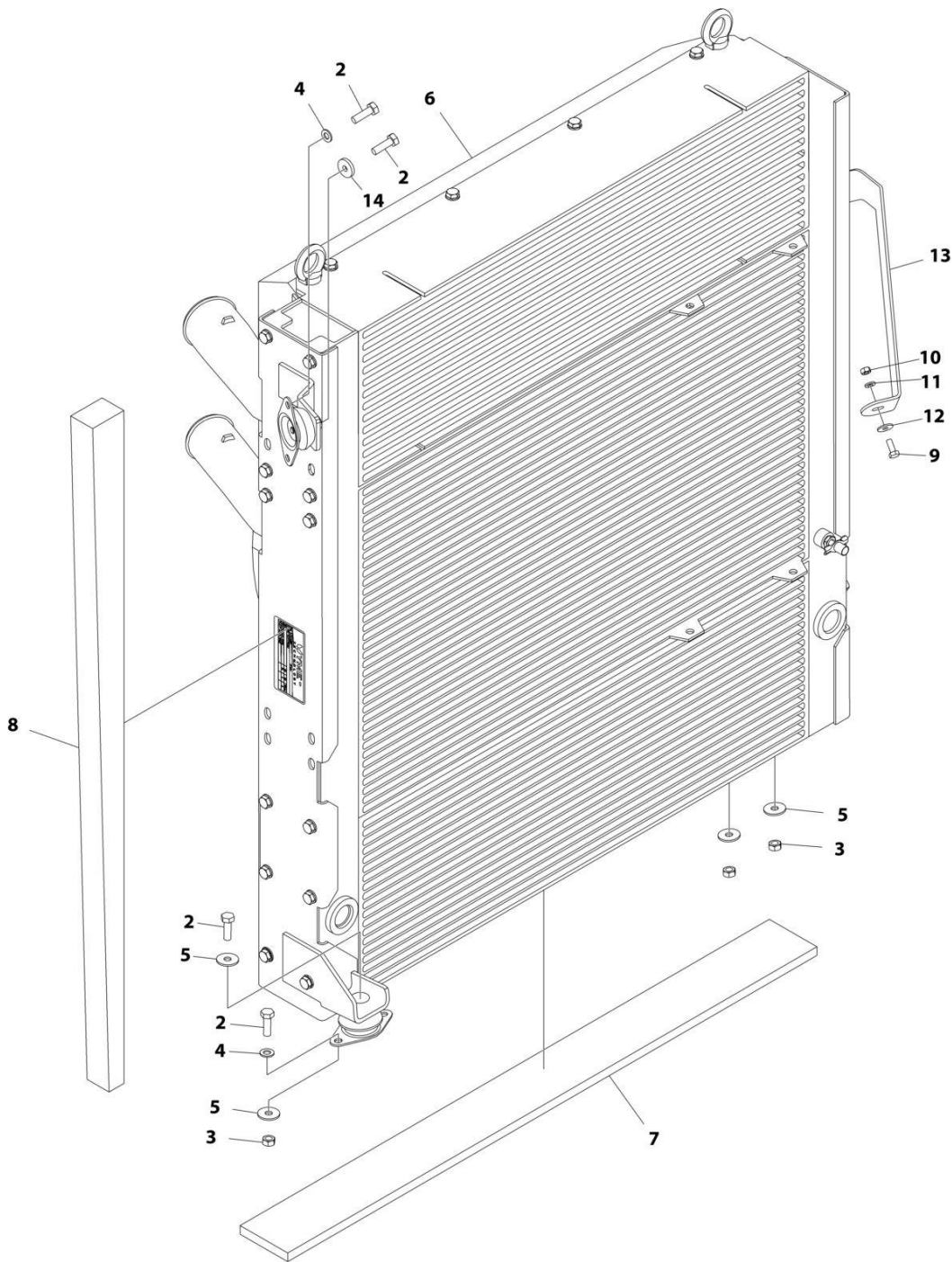
SECTION 4 - ENGINE AND ATTACHING PARTS

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

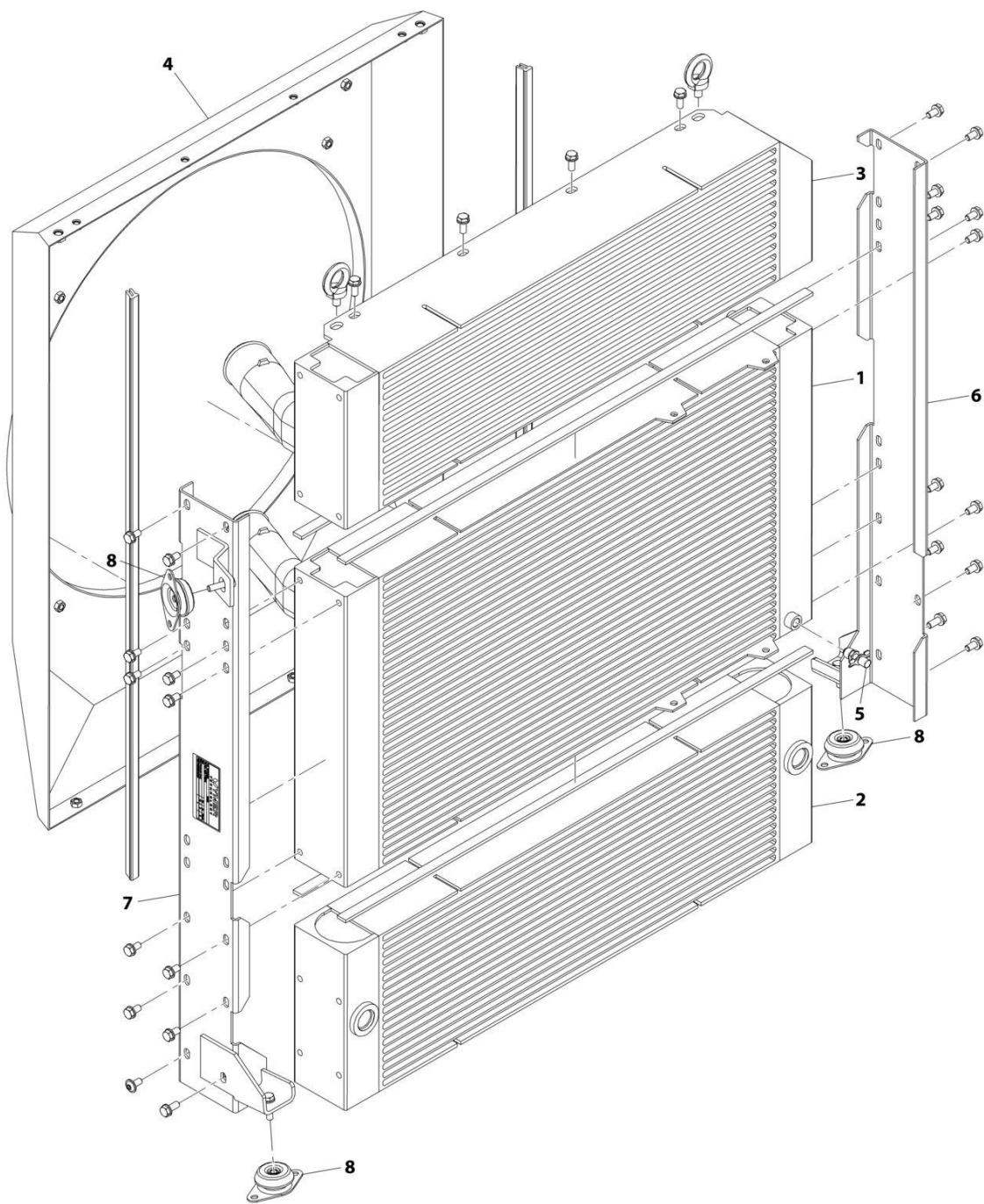
SECTION 4 - ENGINE AND ATTACHING PARTS

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

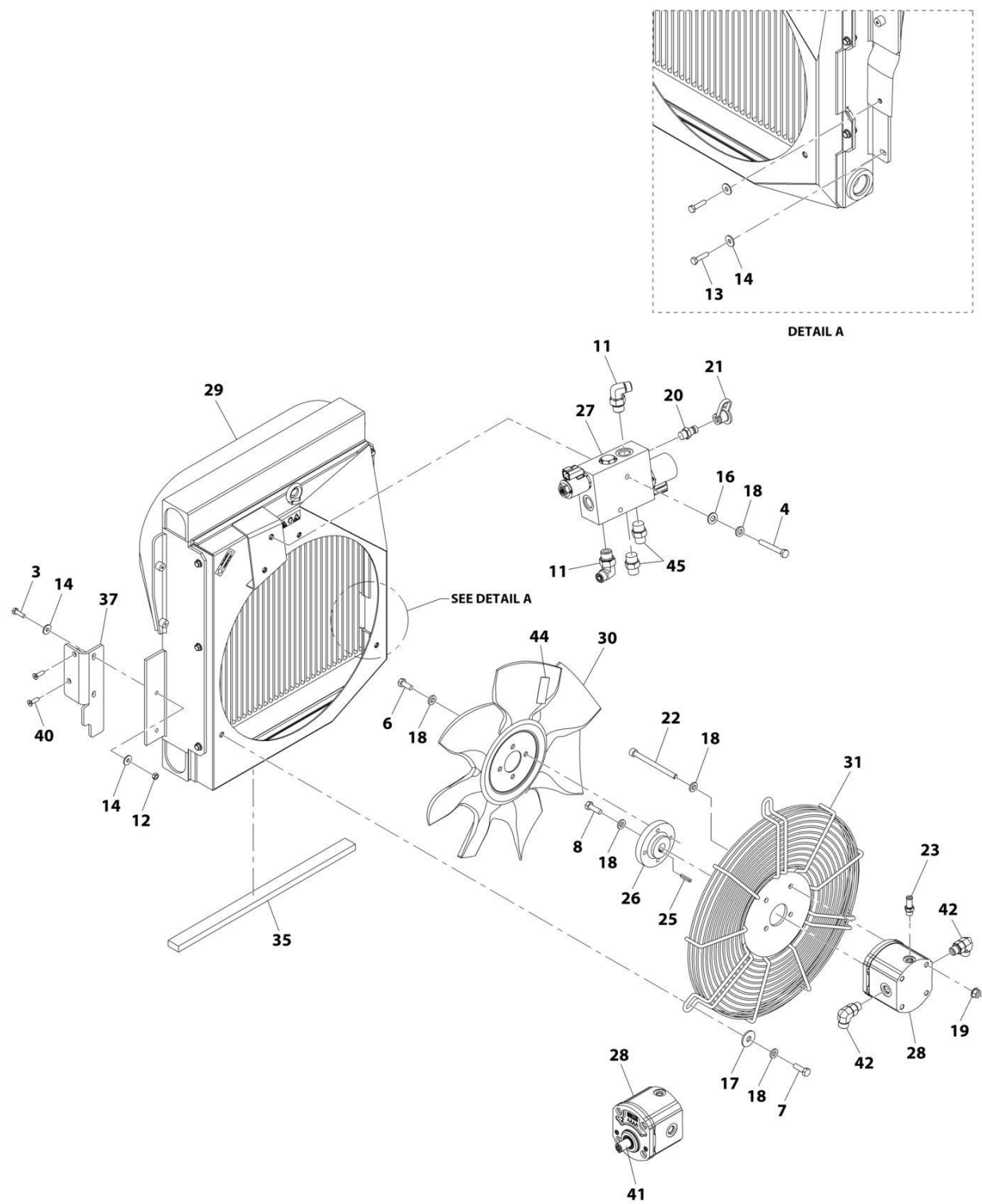
SECTION 4 - ENGINE AND ATTACHING PARTS

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

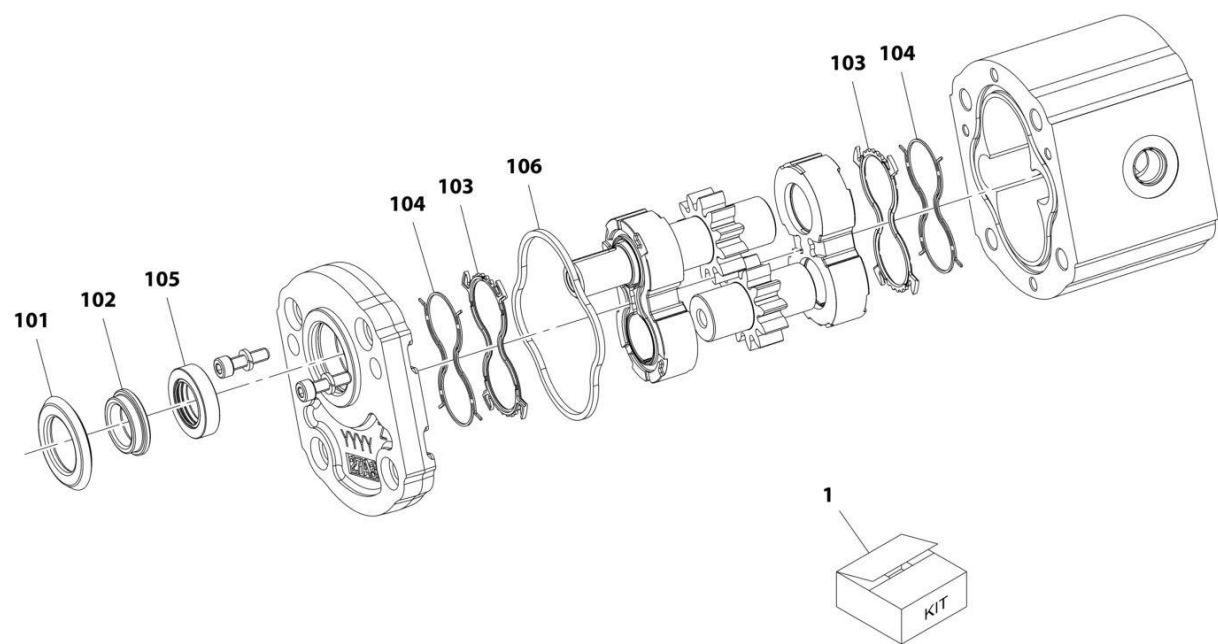
SECTION 4 - ENGINE AND ATTACHING PARTS

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

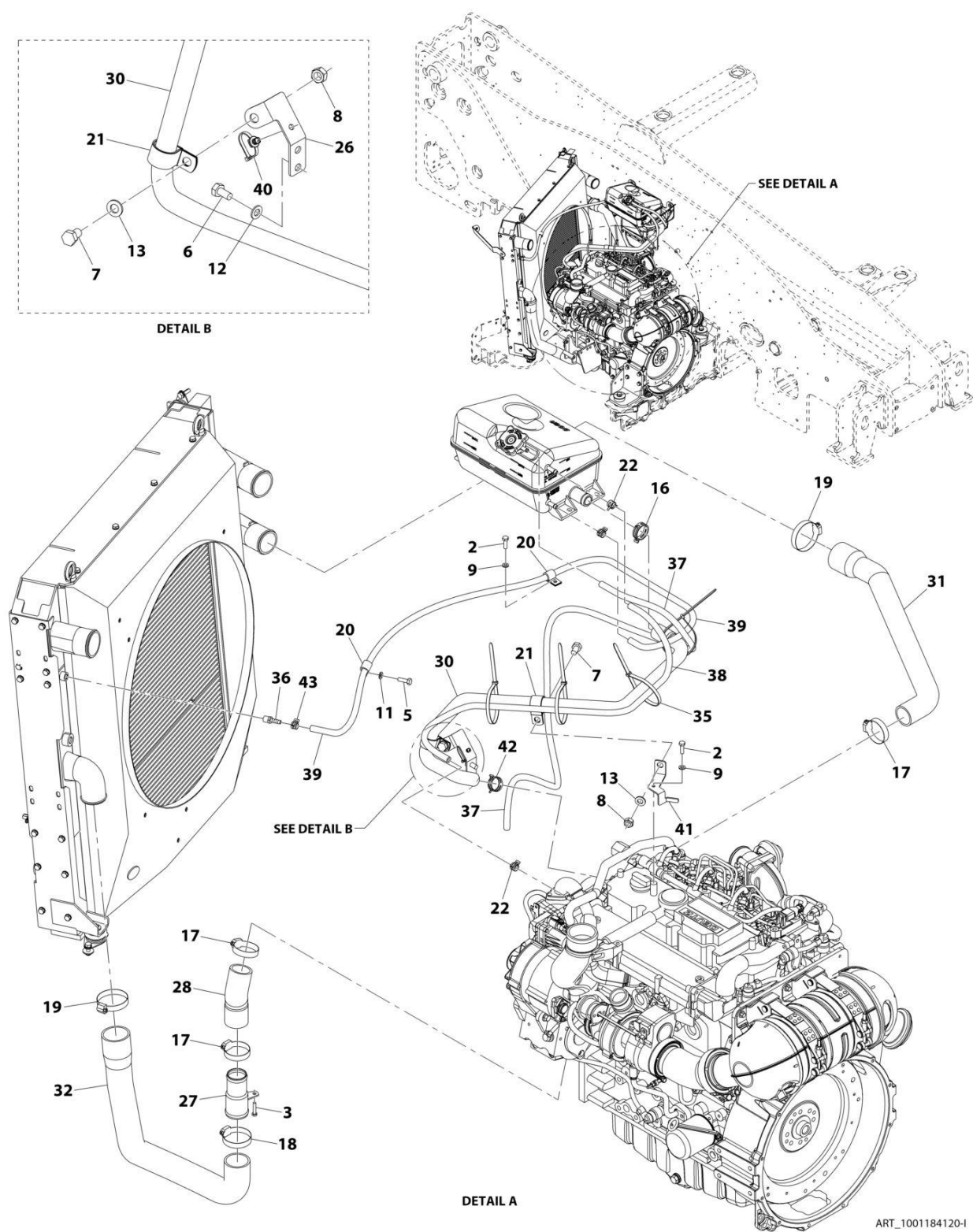
SECTION 4 - ENGINE AND ATTACHING PARTS

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)



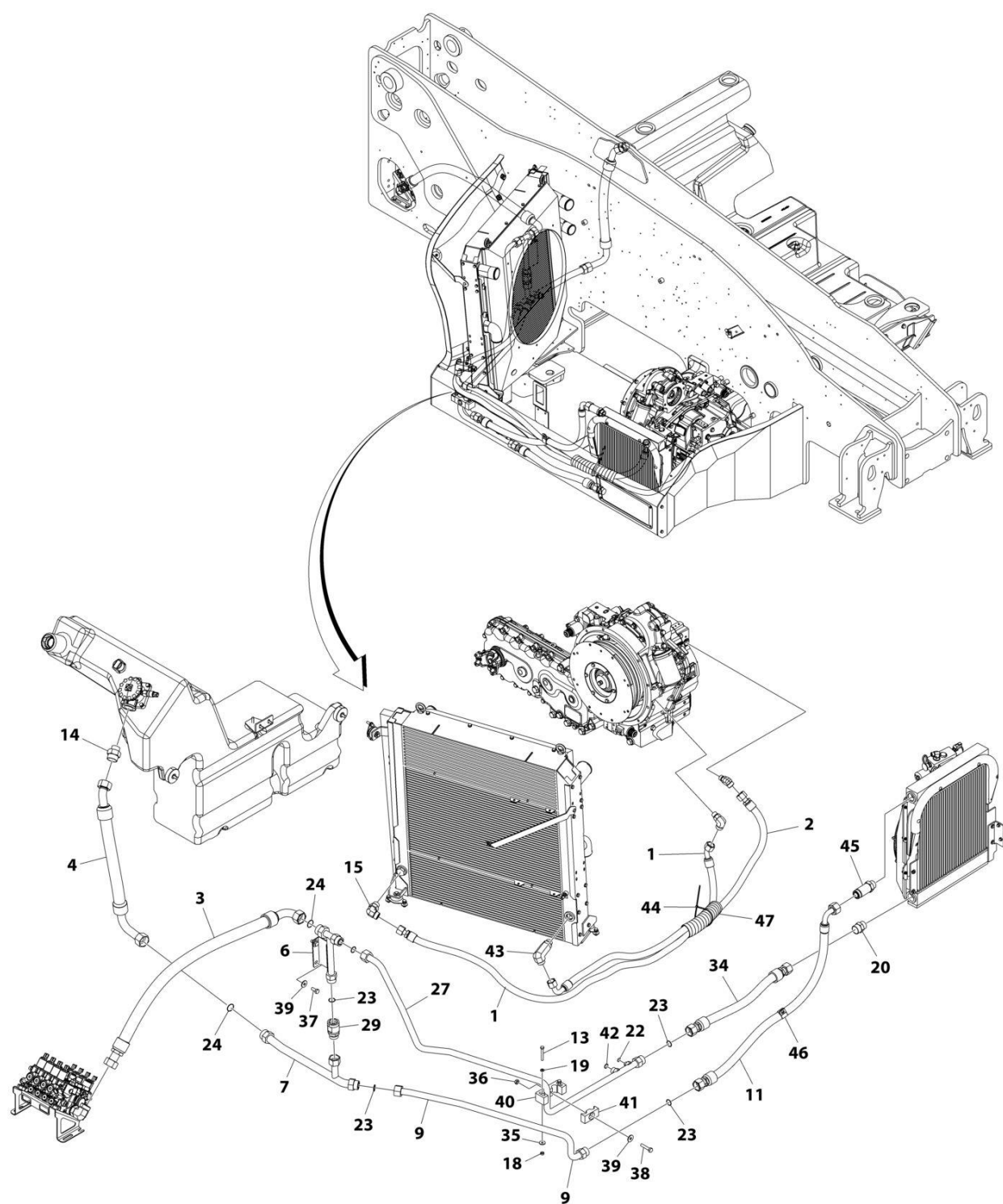
SECTION 4 - ENGINE AND ATTACHING PARTS

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

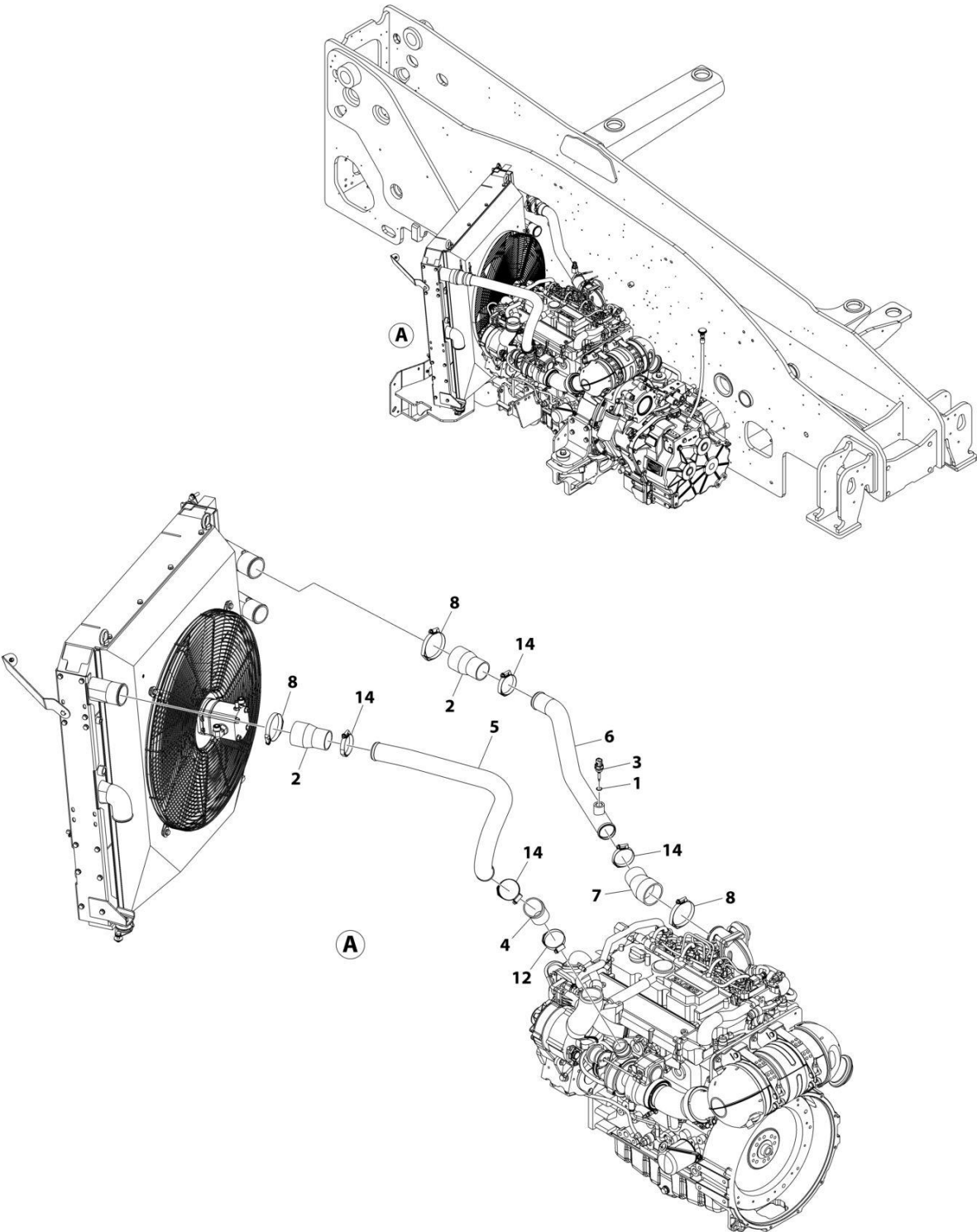
SECTION 4 - ENGINE AND ATTACHING PARTS

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

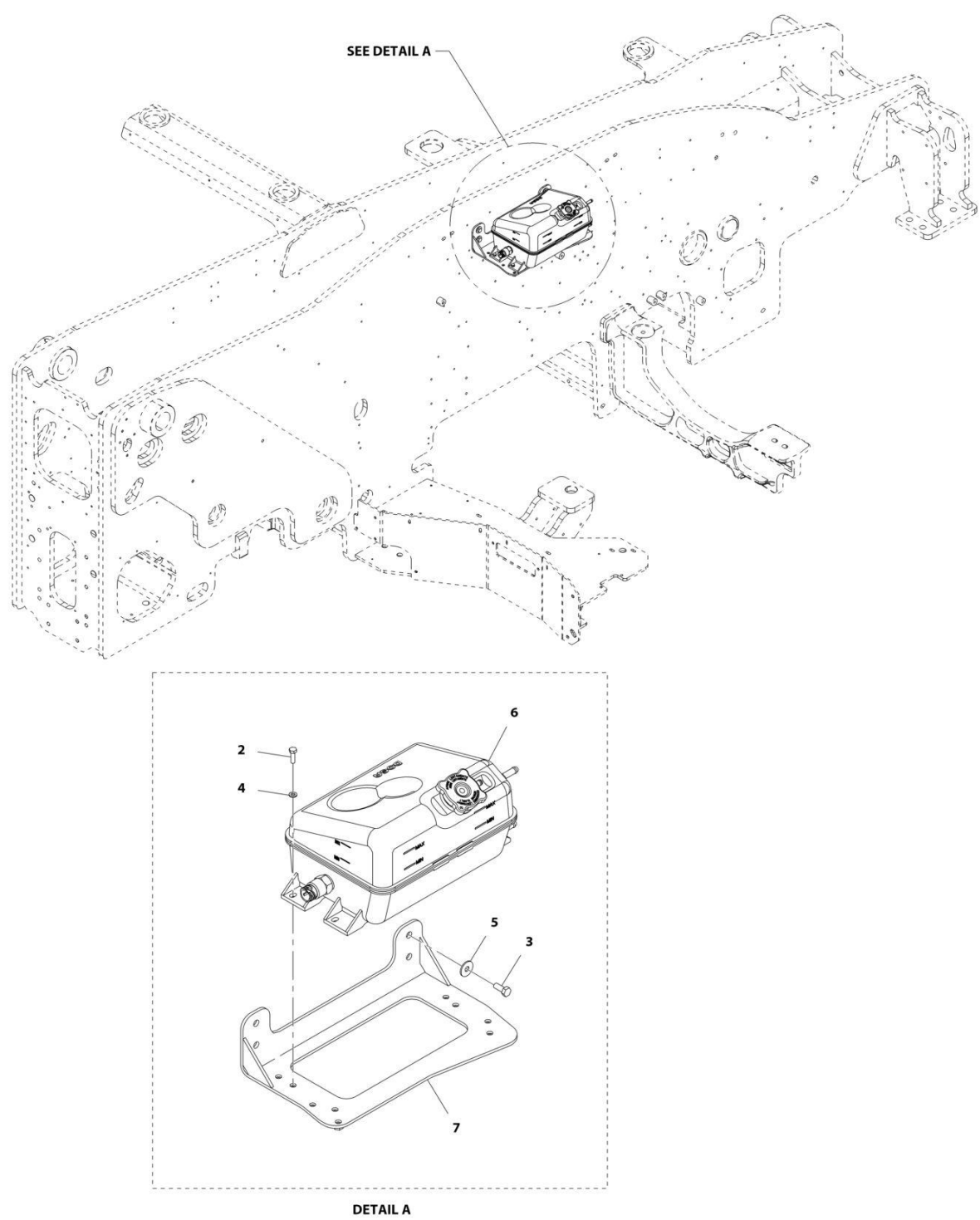
SECTION 4 - ENGINE AND ATTACHING PARTS

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

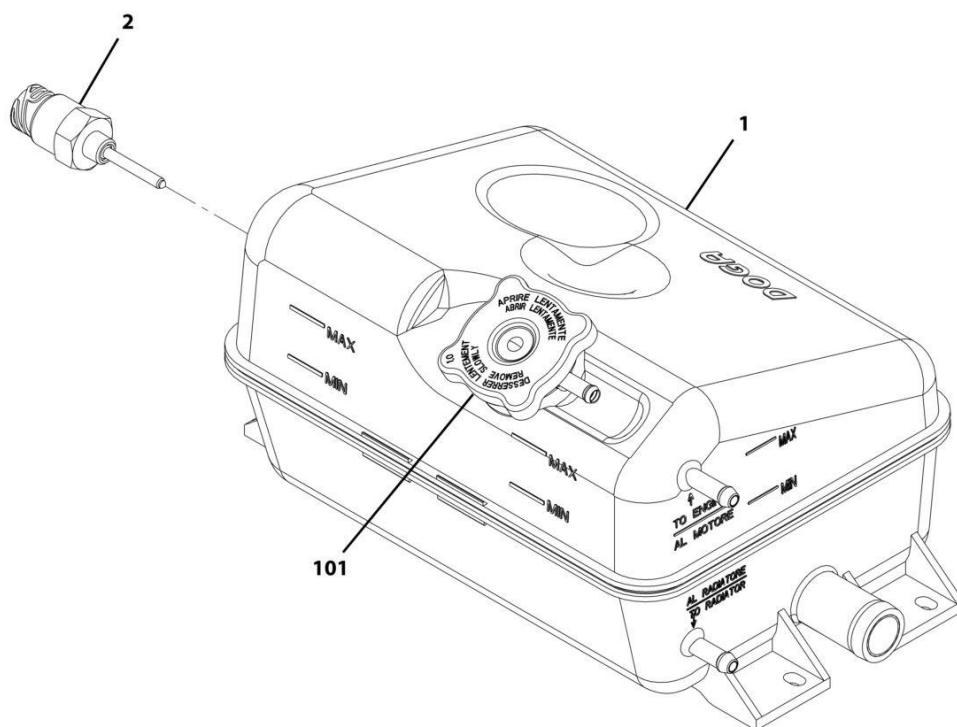
SECTION 4 - ENGINE AND ATTACHING PARTS

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

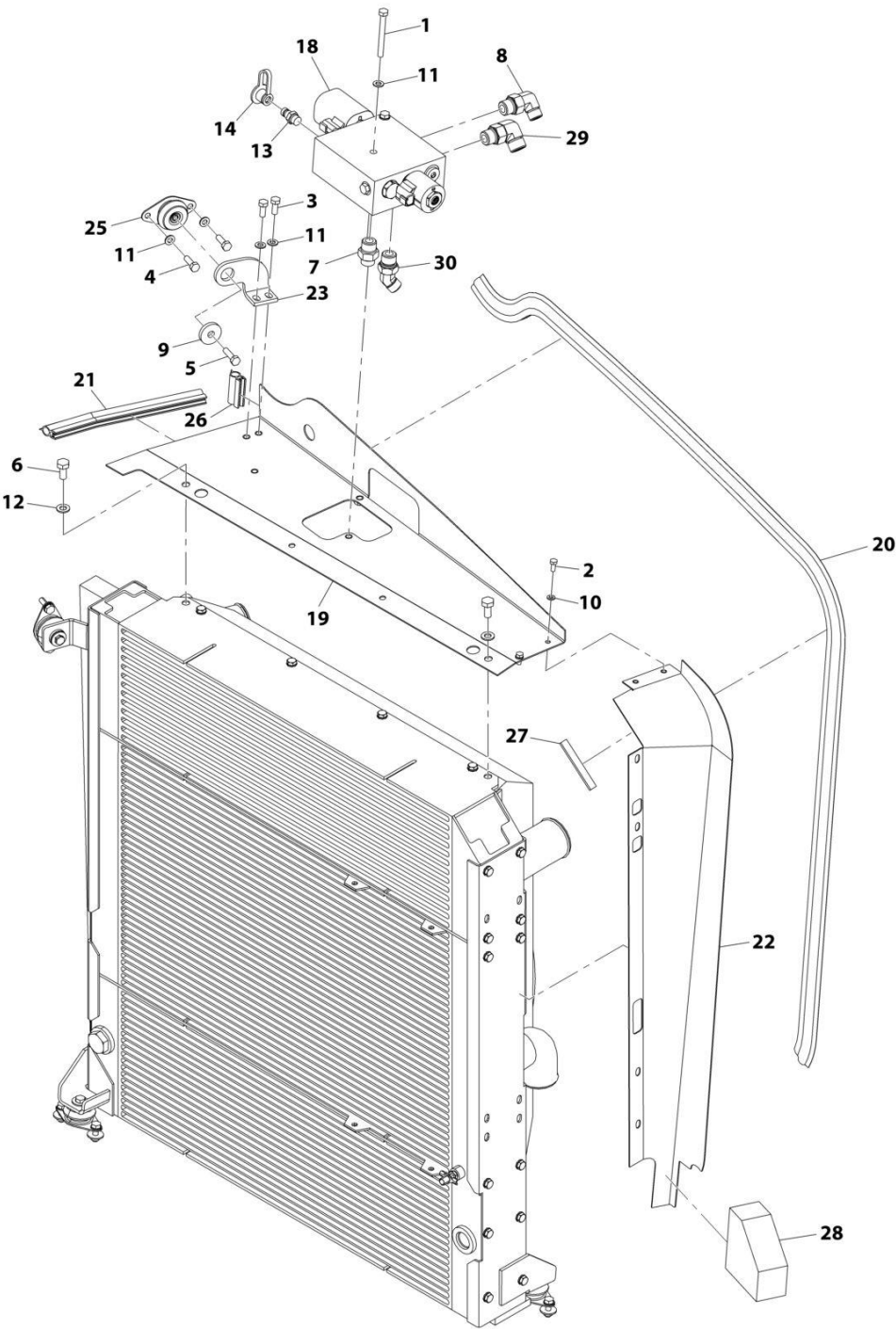
SECTION 4 - ENGINE AND ATTACHING PARTS

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

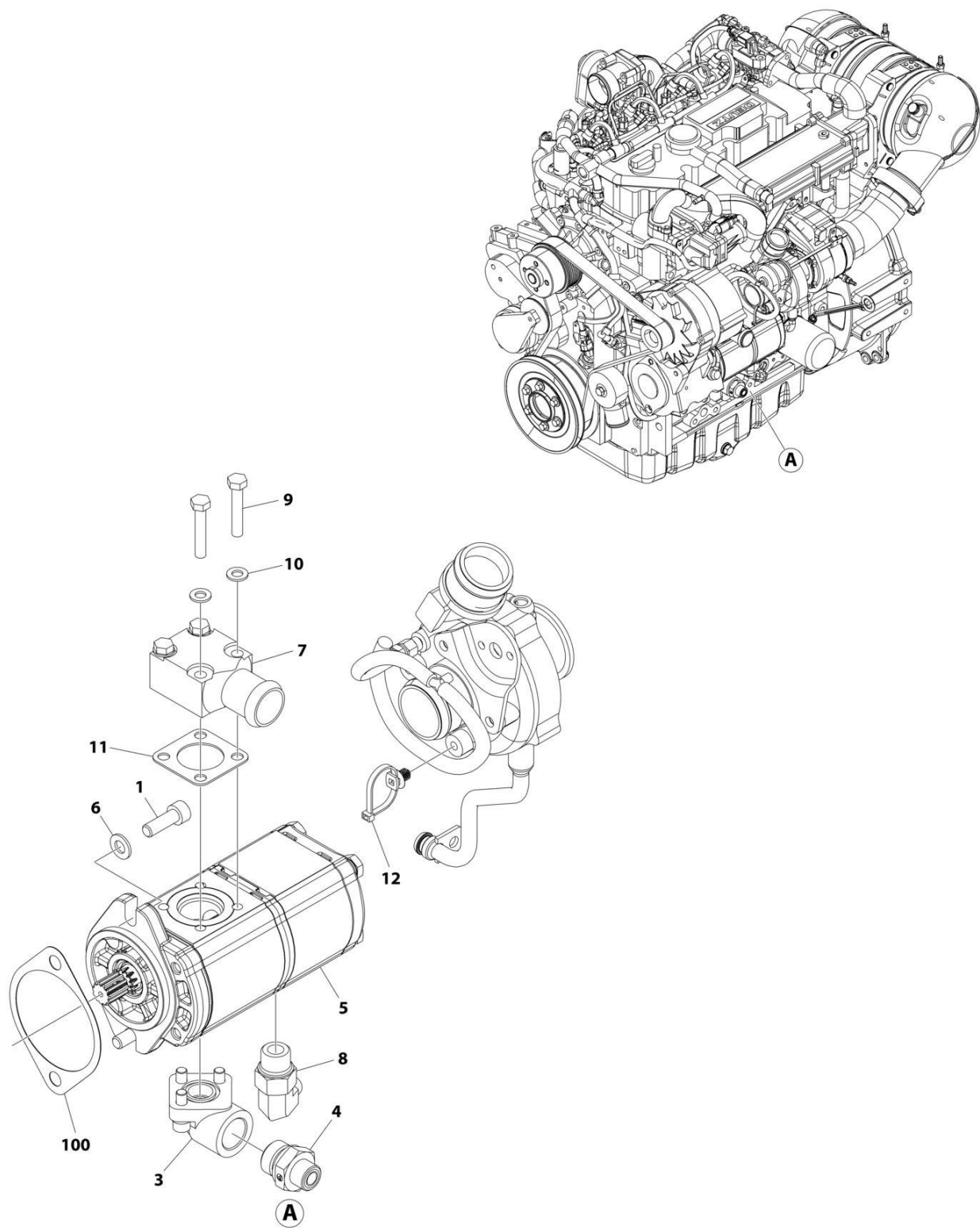
SECTION 4 - ENGINE AND ATTACHING PARTS

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

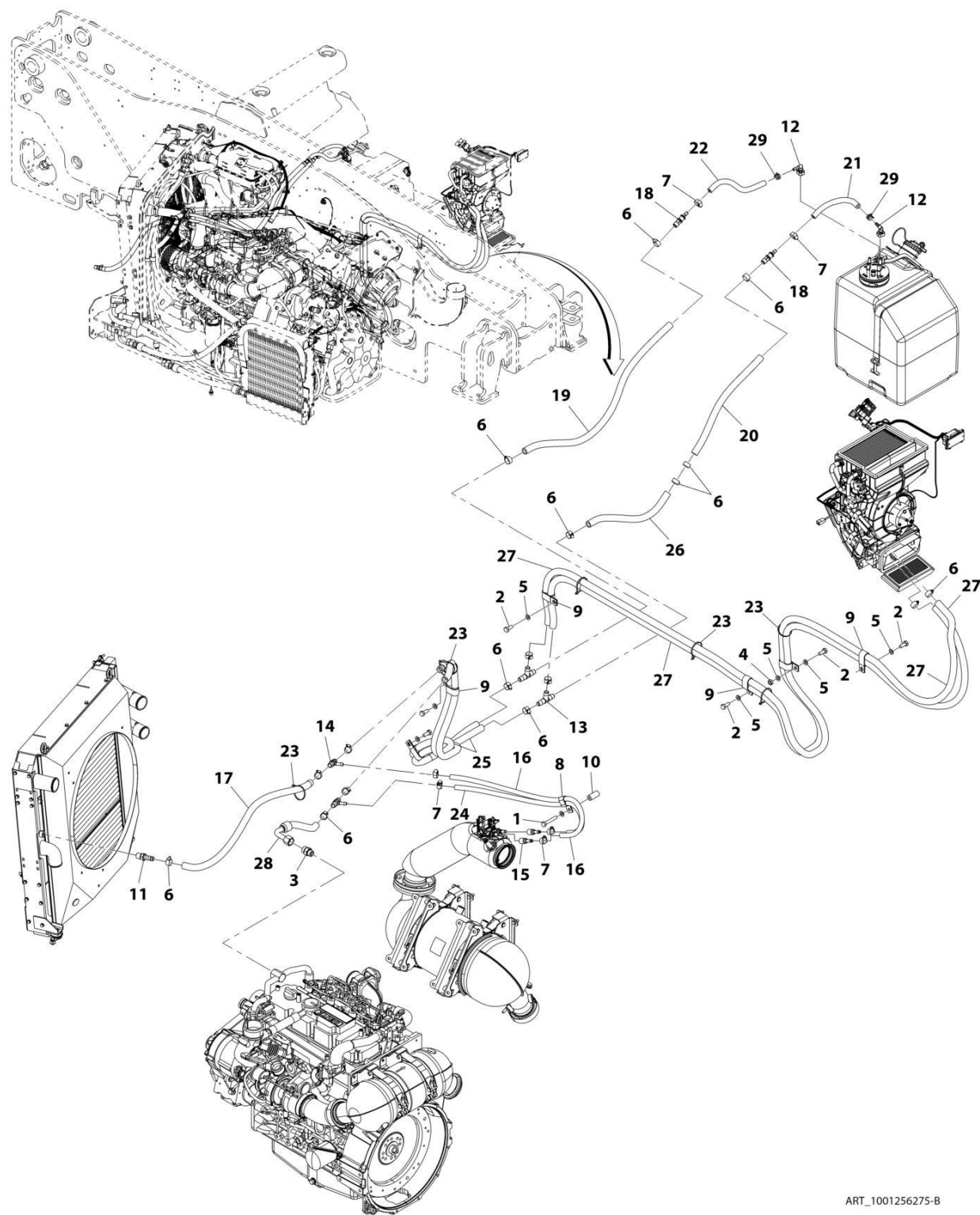
SECTION 4 - ENGINE AND ATTACHING PARTS

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

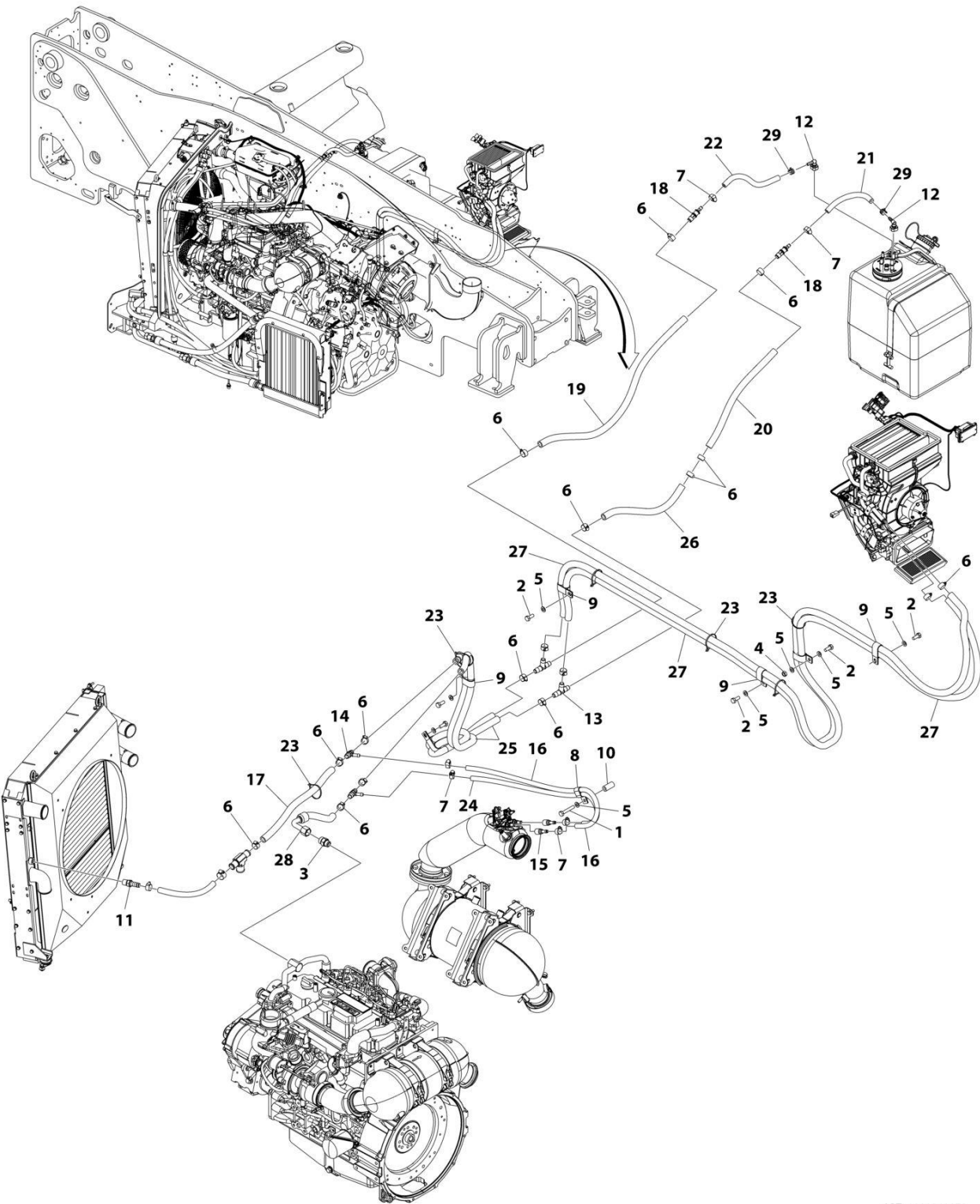
SECTION 4 - ENGINE AND ATTACHING PARTS

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

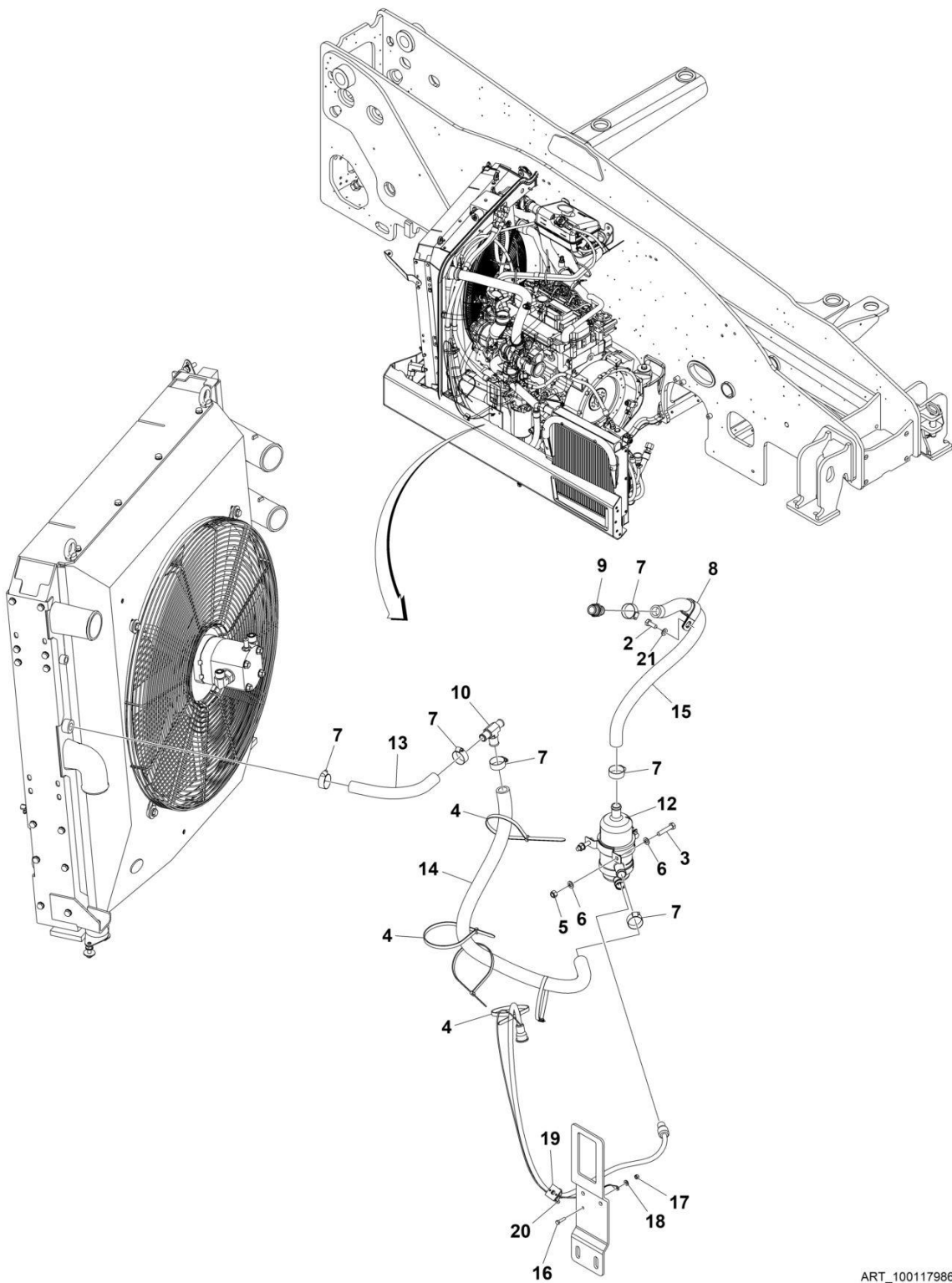
SECTION 4 - ENGINE AND ATTACHING PARTS

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

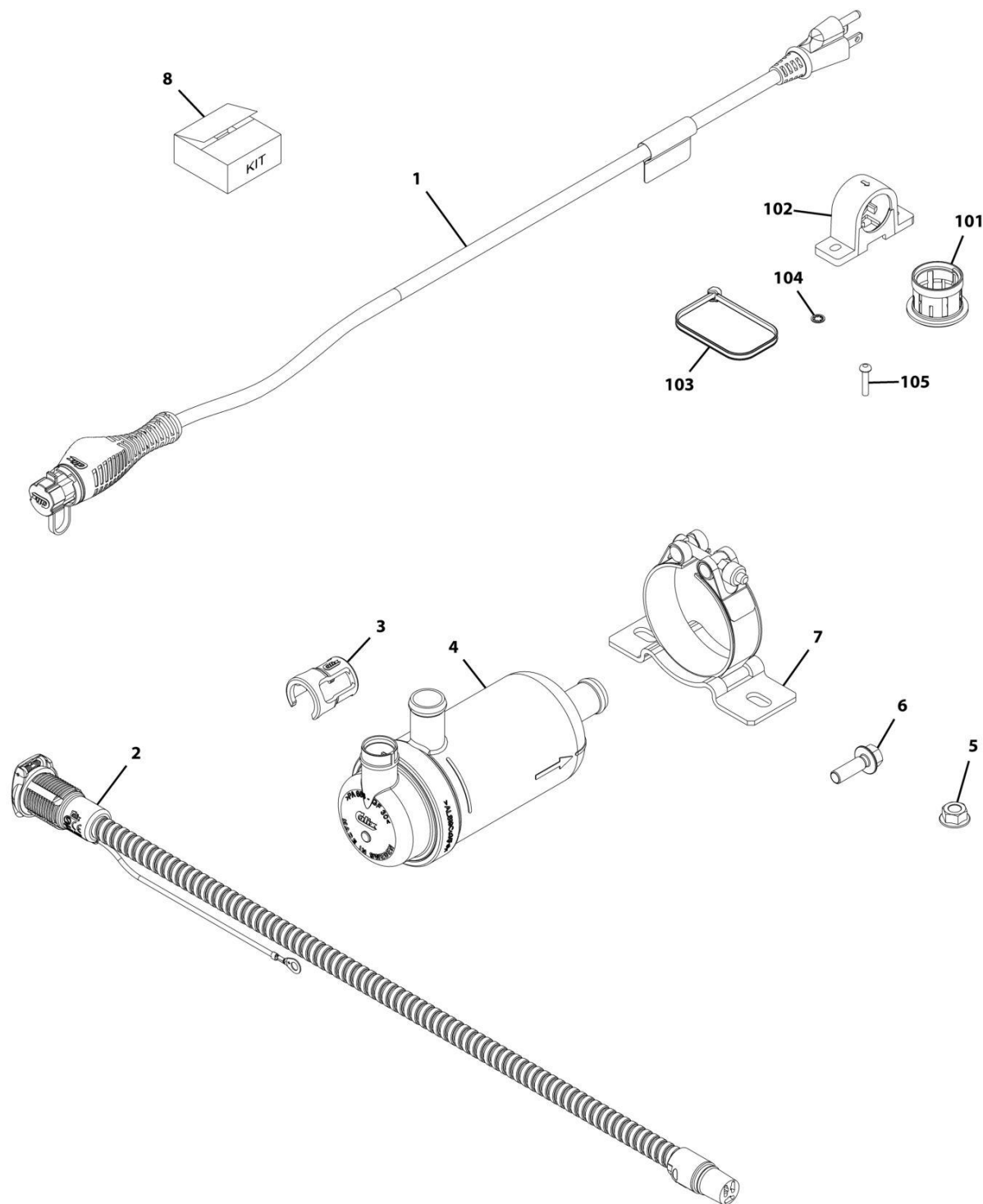
SECTION 4 - ENGINE AND ATTACHING PARTS

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

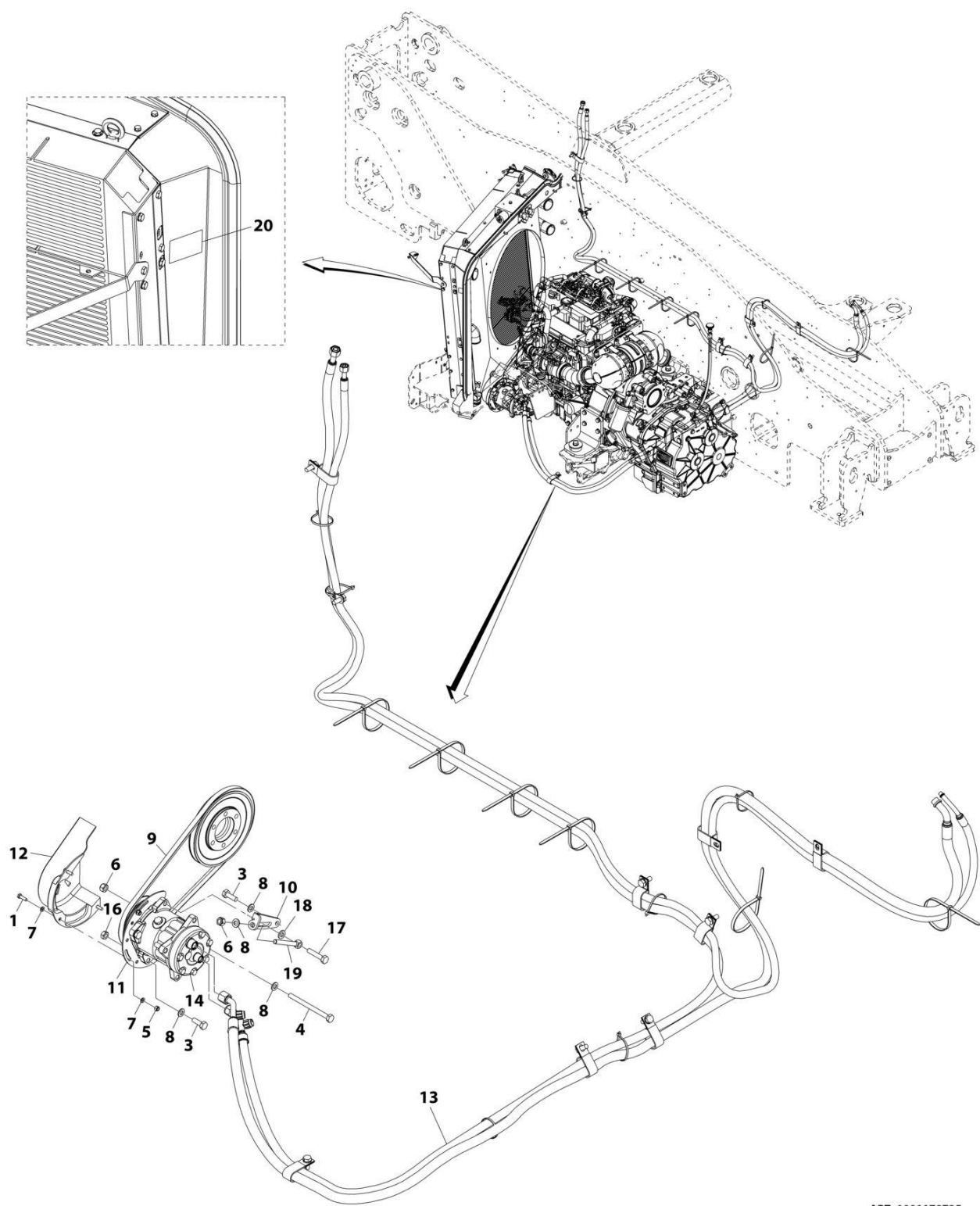
SECTION 4 - ENGINE AND ATTACHING PARTS

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

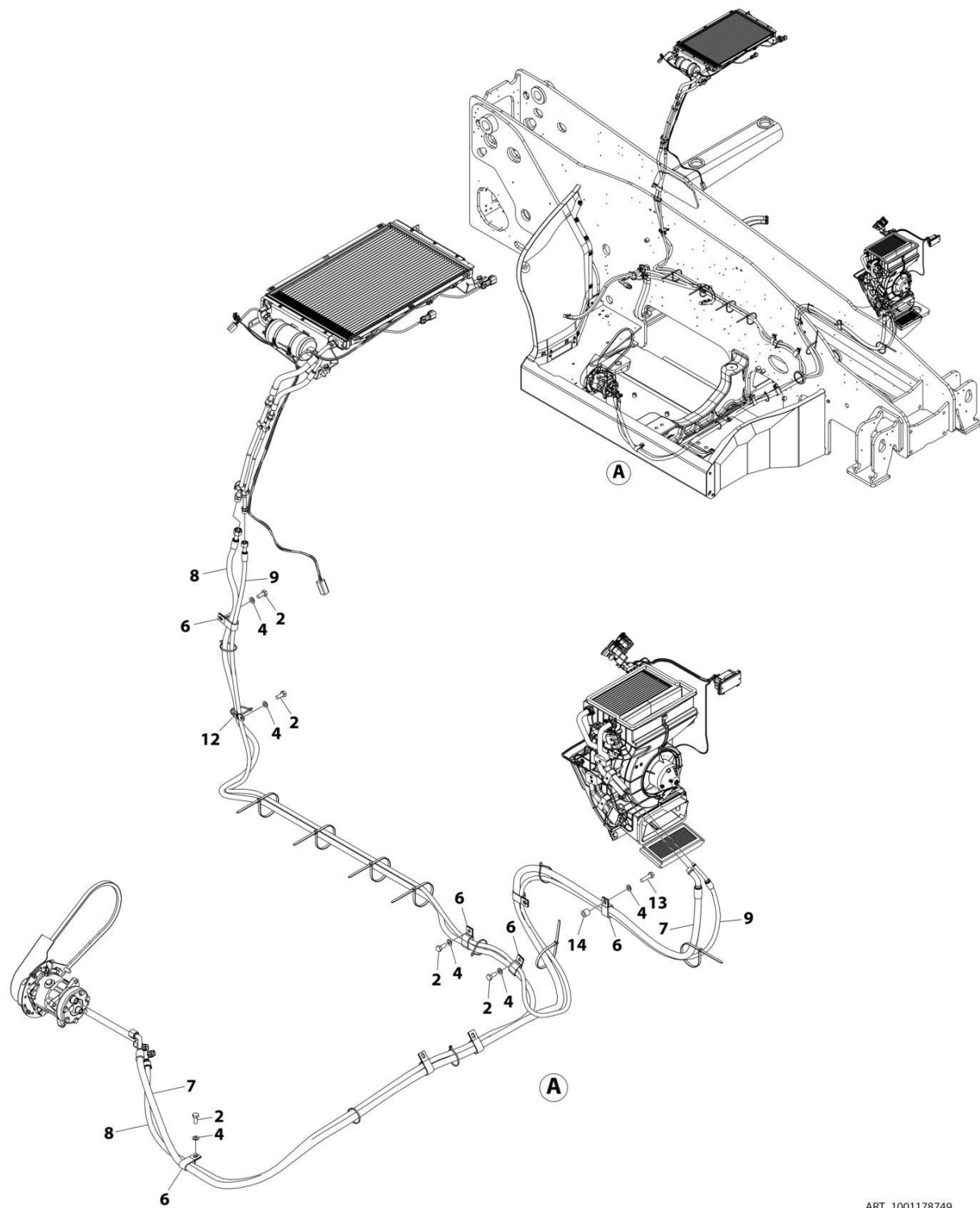
SECTION 4 - ENGINE AND ATTACHING PARTS

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

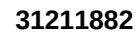
FIGURE 4-41. A/C LINES INSTALLATION

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

312

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ART_1001256360

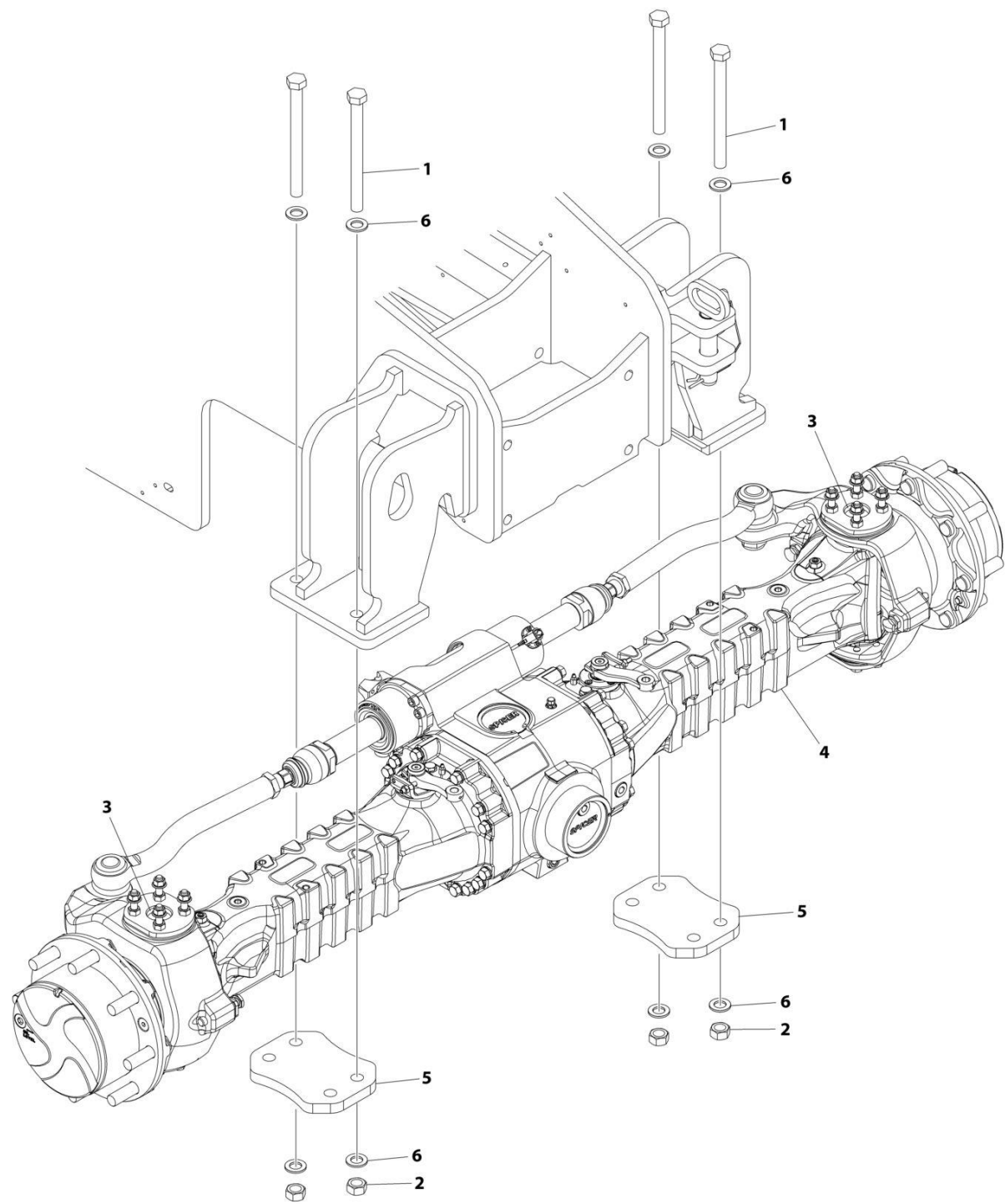
SECTION 5 - DRIVE TRAIN

FIGURE 5-1. DRIVETRAIN 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 5-2. FRONT AXLE INSTALLATION



ART_1001256366_B

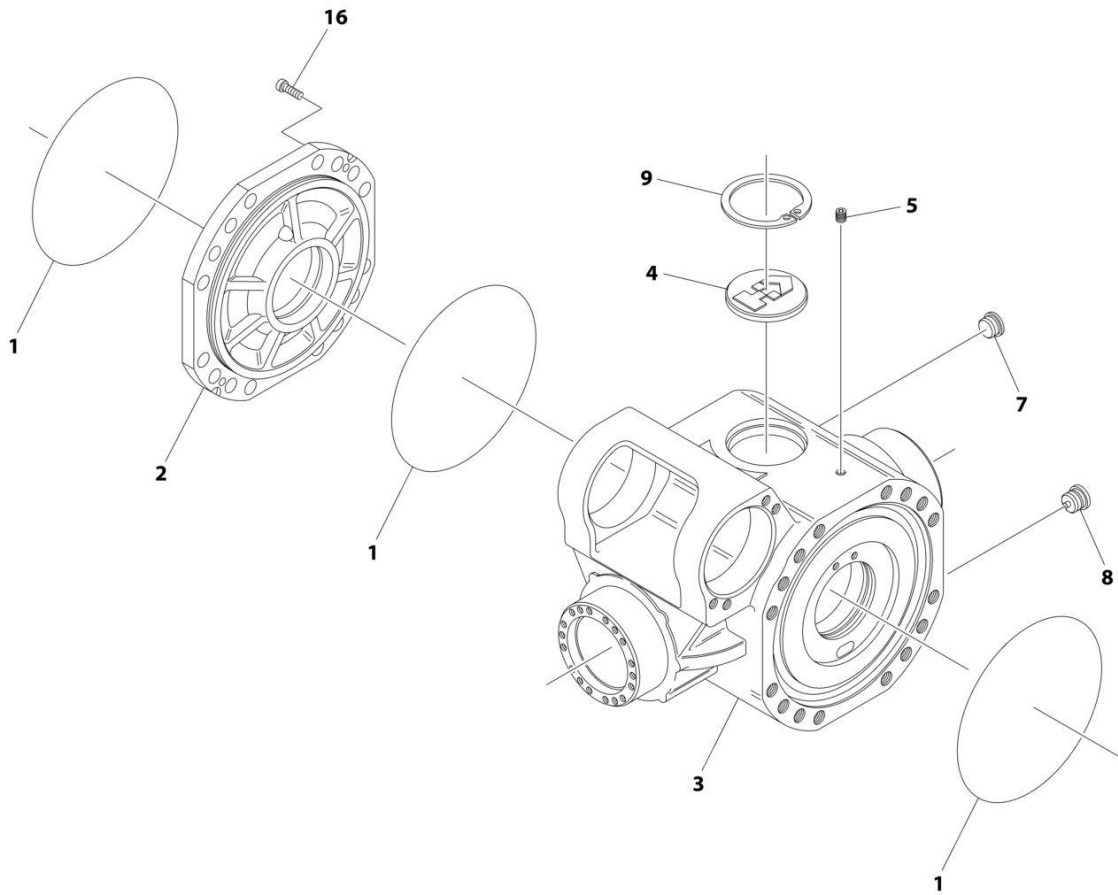
SECTION 5 - DRIVE TRAIN

FIGURE 5-2. 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	

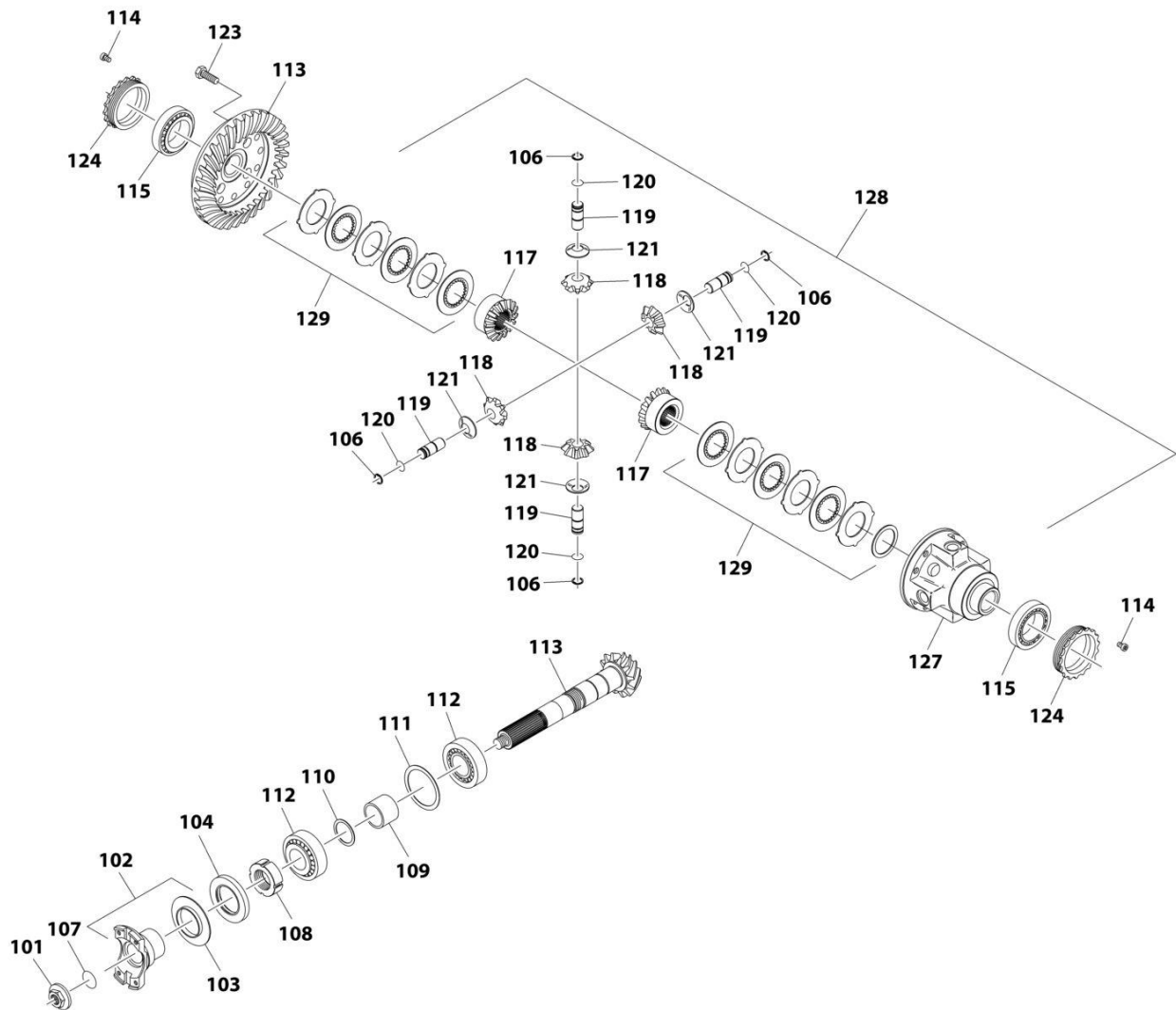
SECTION 5 - DRIVE TRAIN

FIGURE 5-3. FRONT AXLE ASSEMBLY



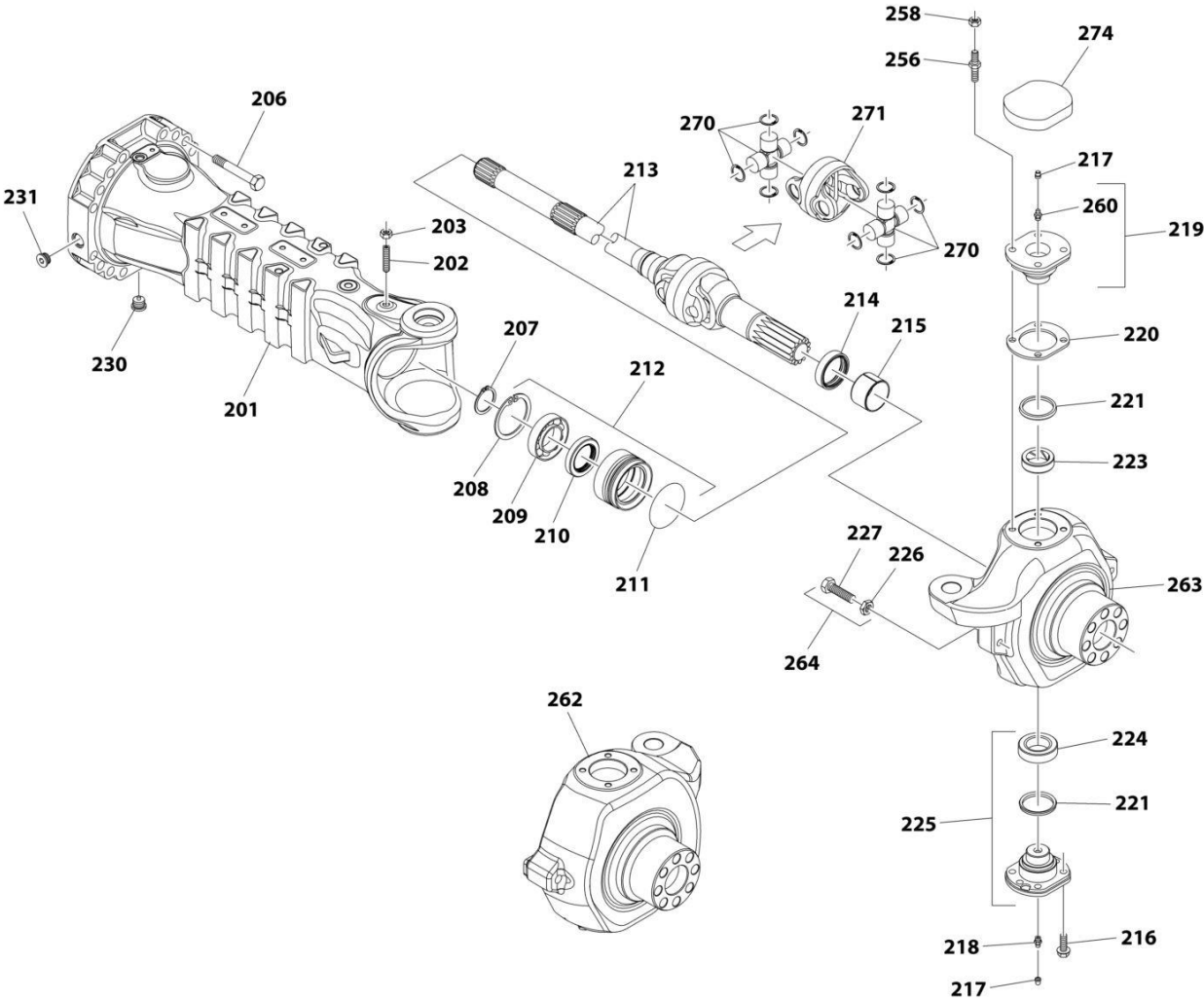
ART_1001270167_1OF6

SECTION 5 - DRIVE TRAIN



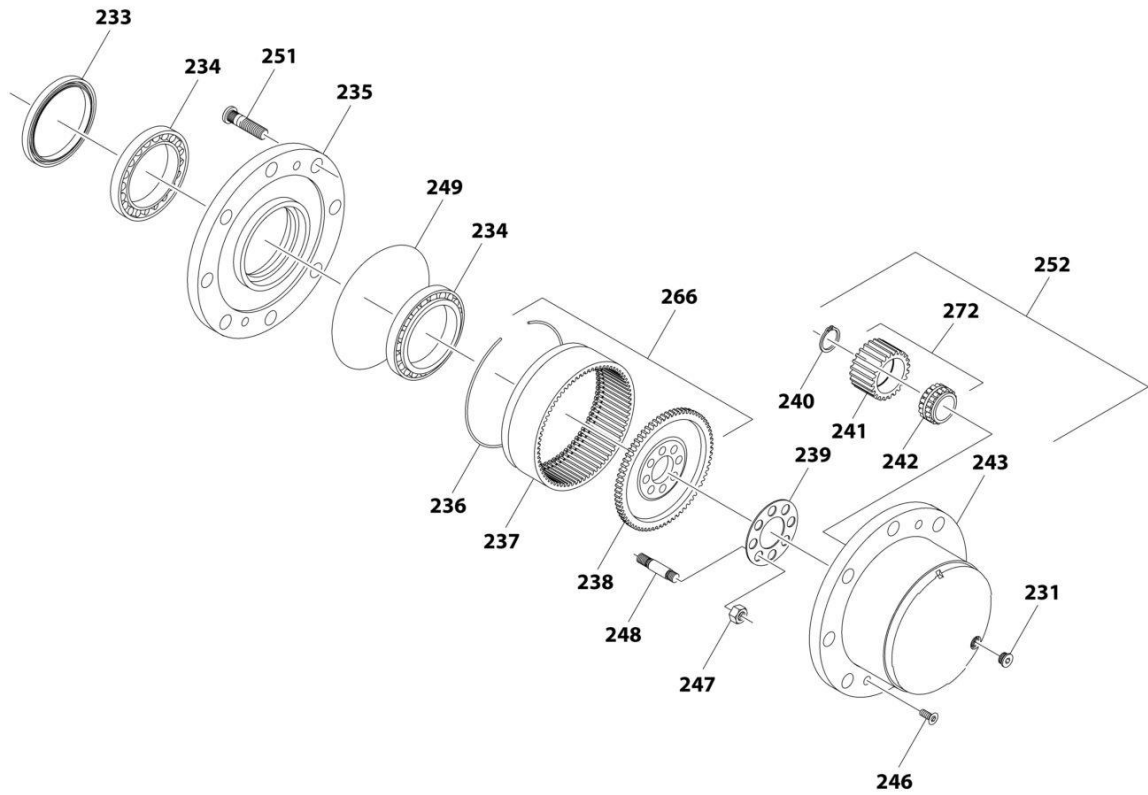
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SECTION 5 - DRIVE TRAIN



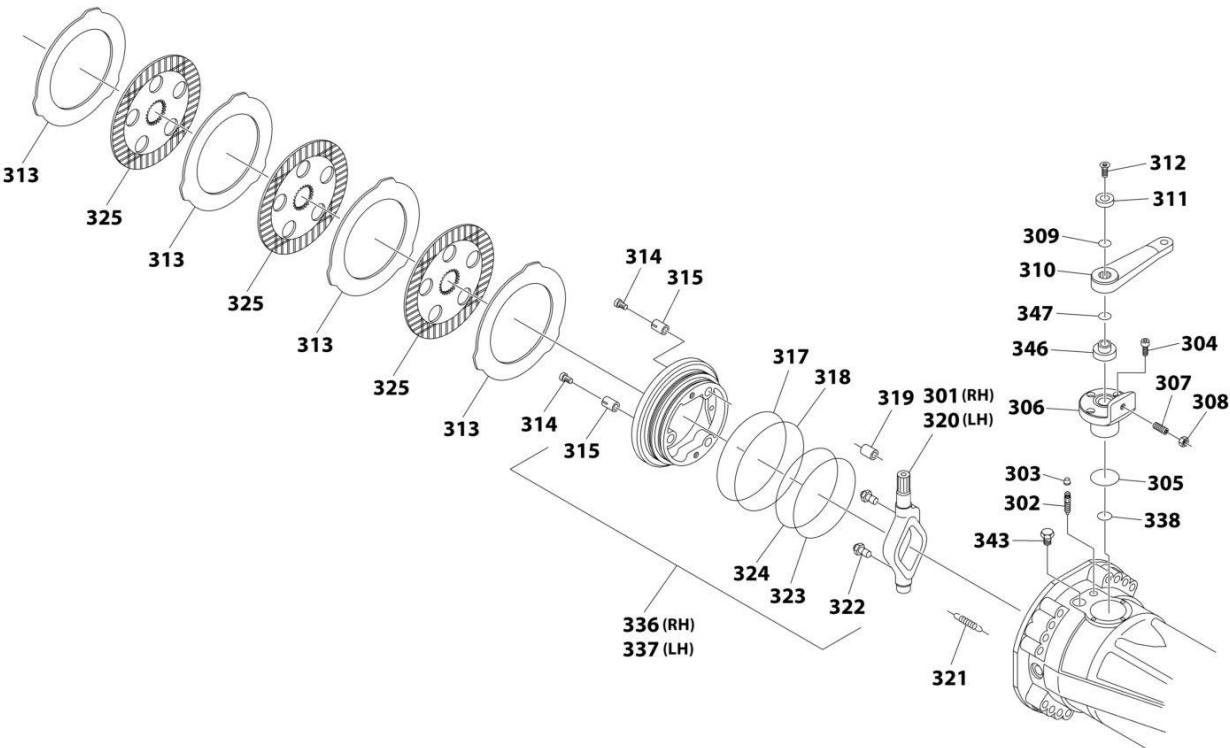
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SECTION 5 - DRIVE TRAIN



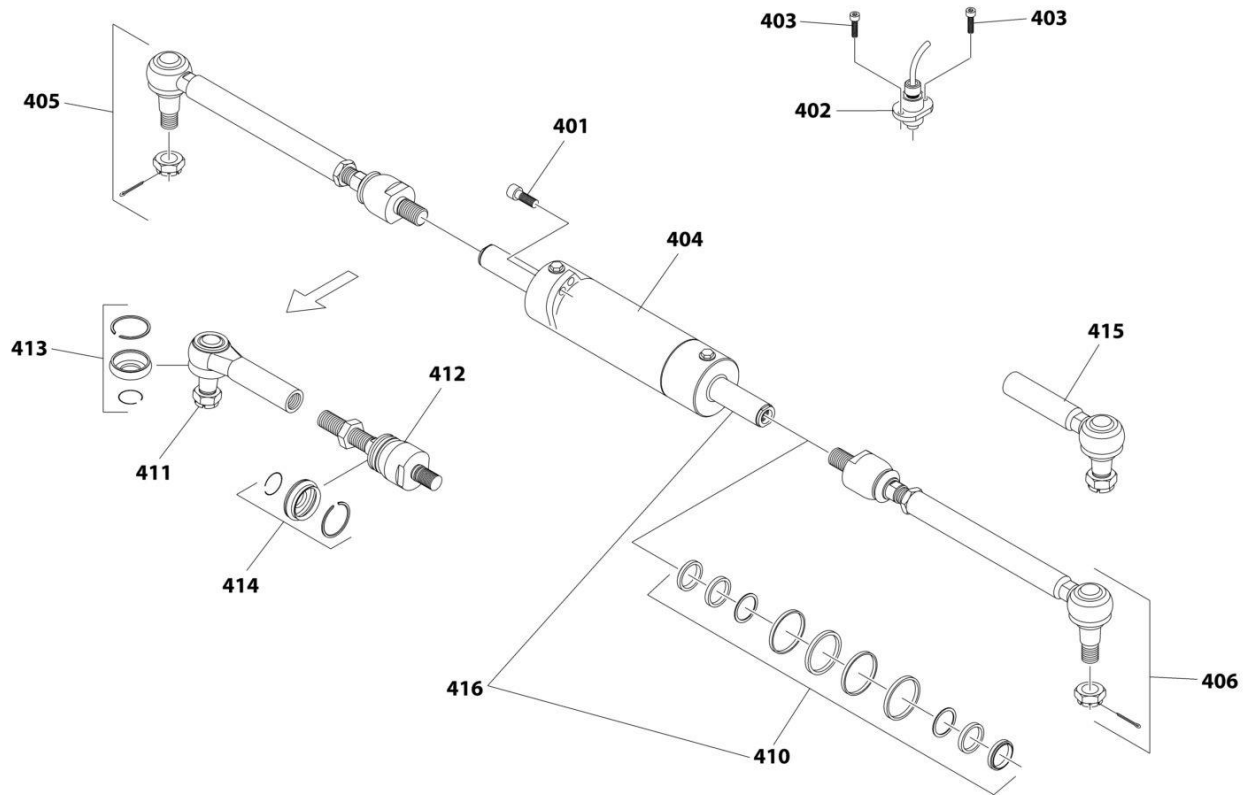
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SECTION 5 - DRIVE TRAIN



ART_1001270167_50F6

SECTION 5 - DRIVE TRAIN



ART_1001270167_60F6

SECTION 5 - DRIVE TRAIN

FIGURE 5-3. 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

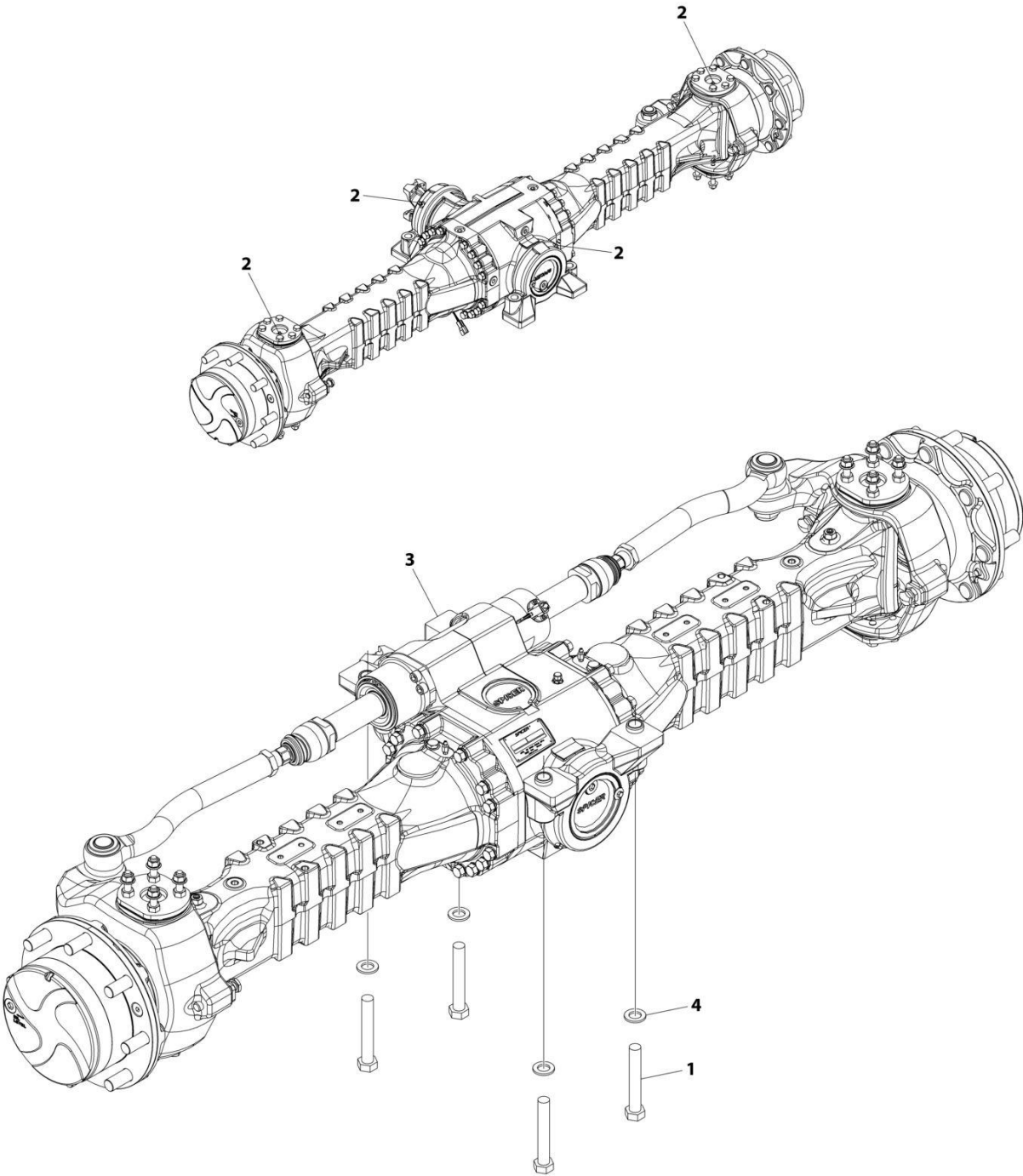
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
215	8004468	2	Bushing	
216	70025562	12	Bolt	
217	80204117	4	Plug	
218	91514099	2	Grease Fitting	
219	70025567	2	Pivot (Includes Item 218)	
220	70028536	1	Shim Kit	
221	2401043	2	Seal	
223	70020173	2	Bushing	
224	2401258	2	Seal	
225	8006605	2	Pivot Kit (Includes Pivot 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 5-4. REAR AXLE INSTALLATION



ART_1001256367_B

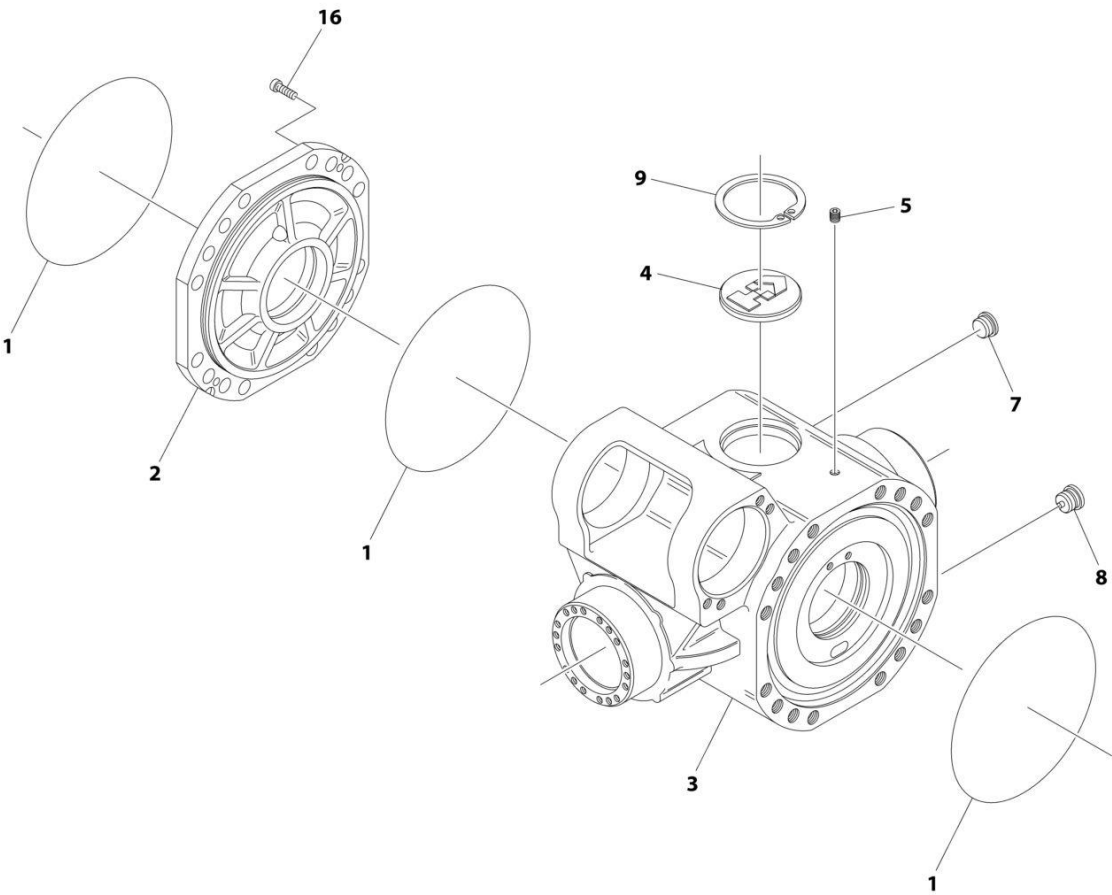
SECTION 5 - DRIVE TRAIN

FIGURE 5-4. 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	

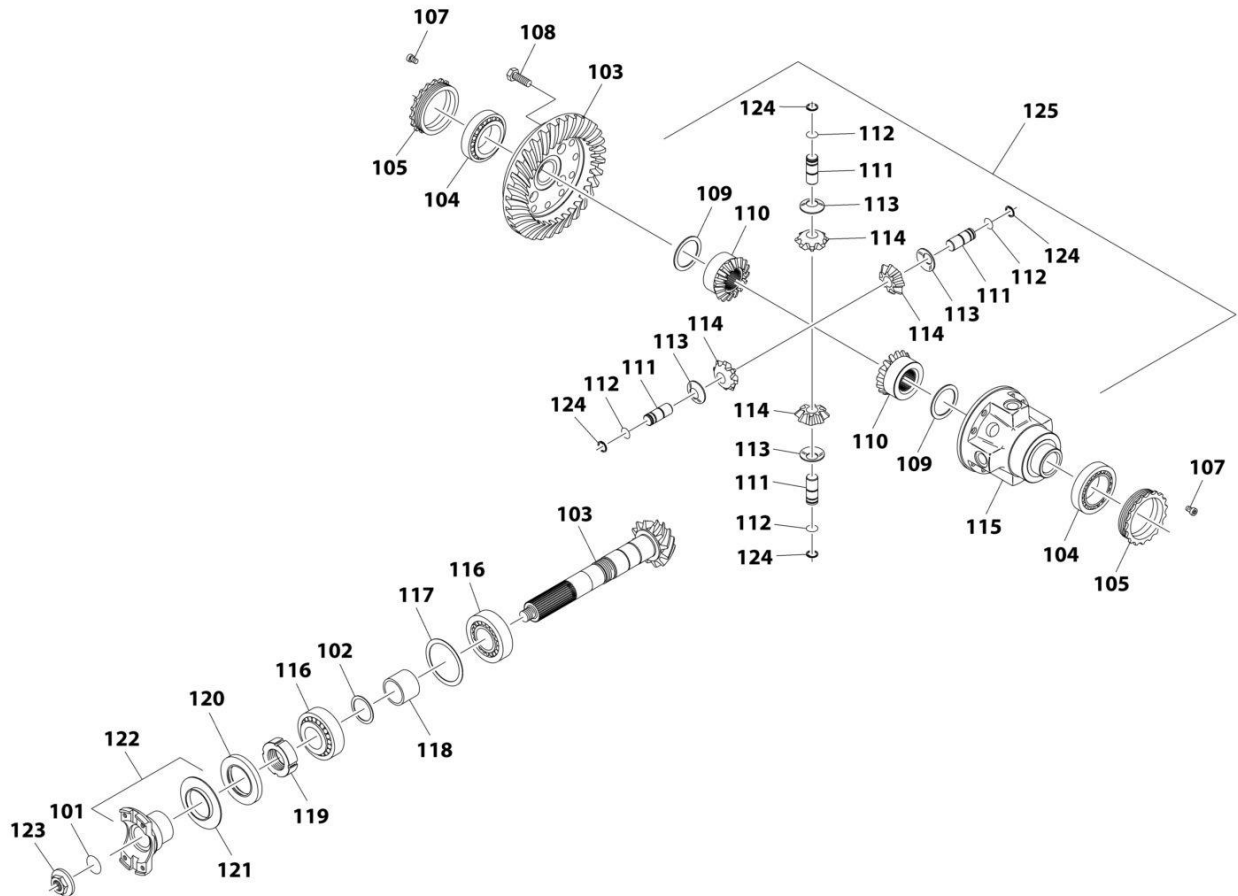
SECTION 5 - DRIVE TRAIN

FIGURE 5-5. REAR AXLE ASSEMBLY



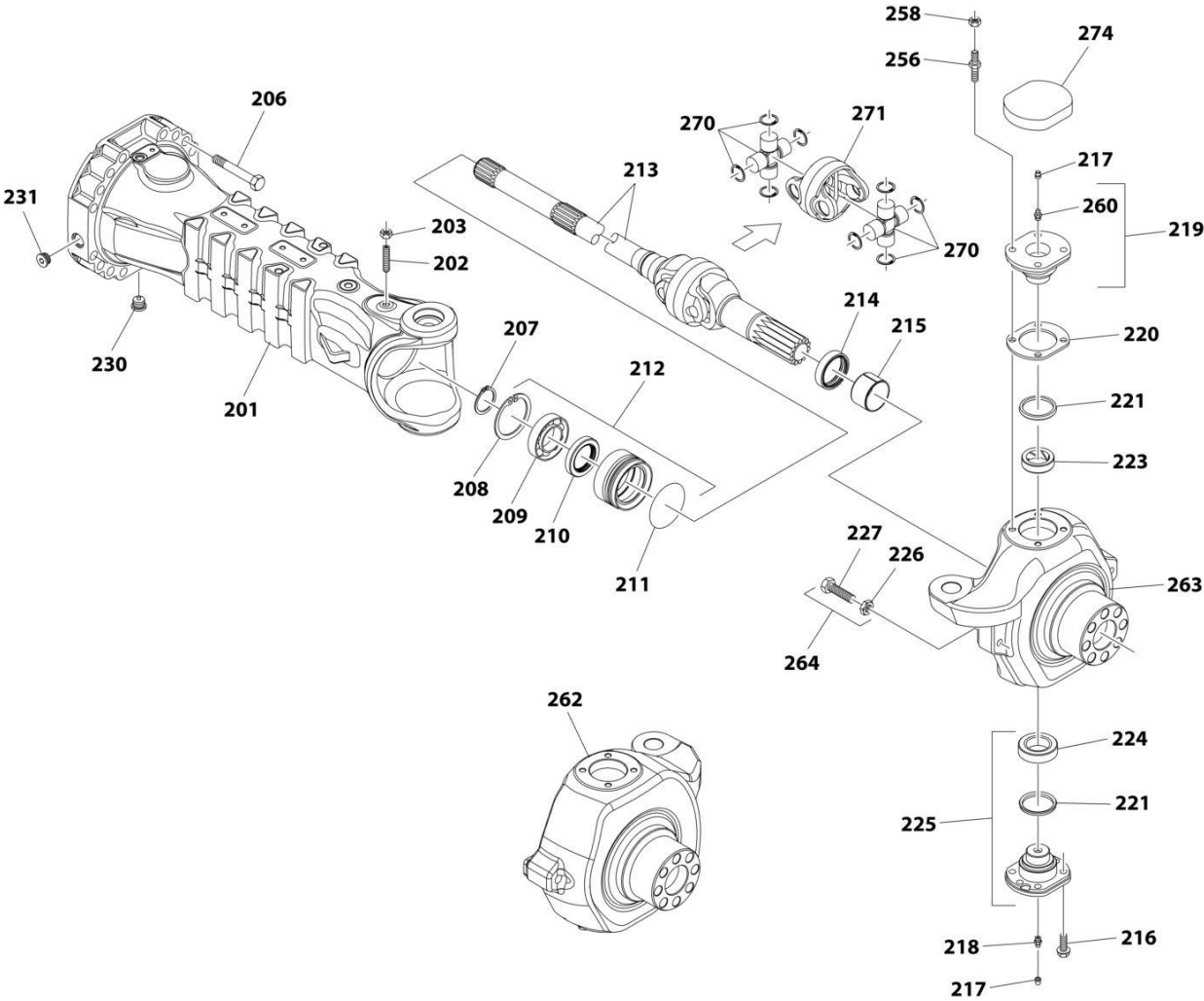
ART_1001270170_1OF7

SECTION 5 - DRIVE TRAIN



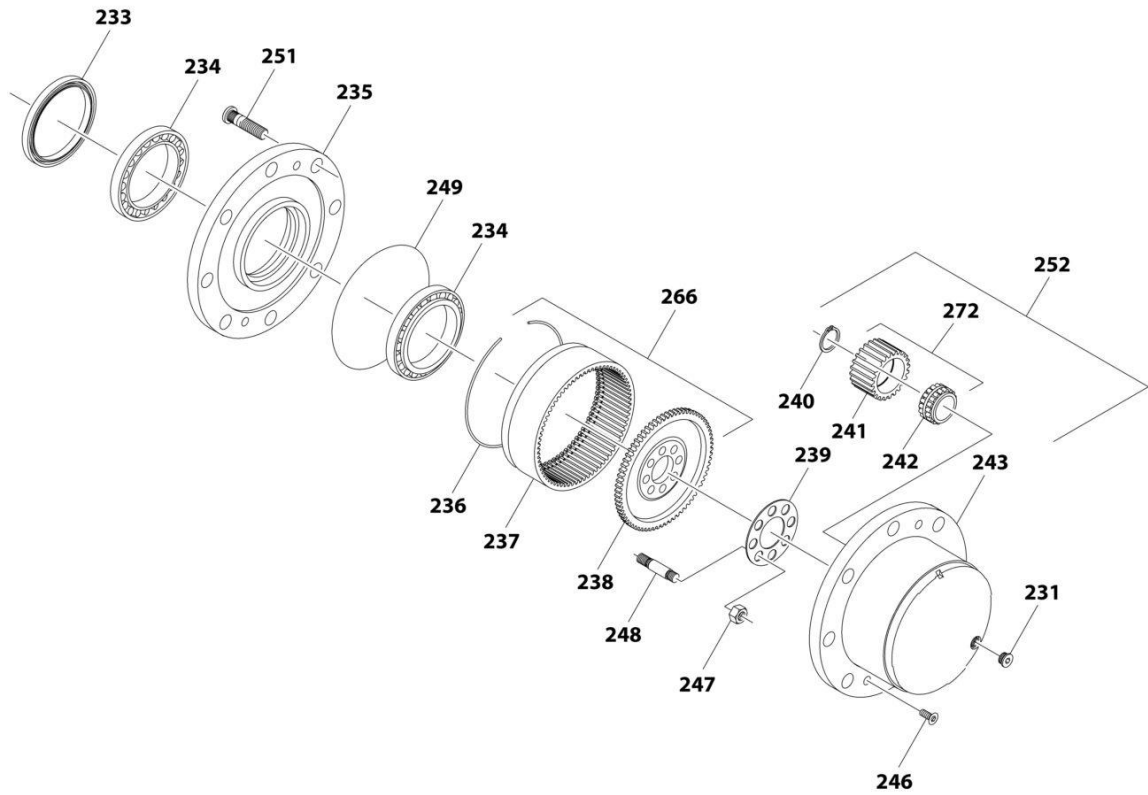
ART_1001270170_2OF7

SECTION 5 - DRIVE TRAIN



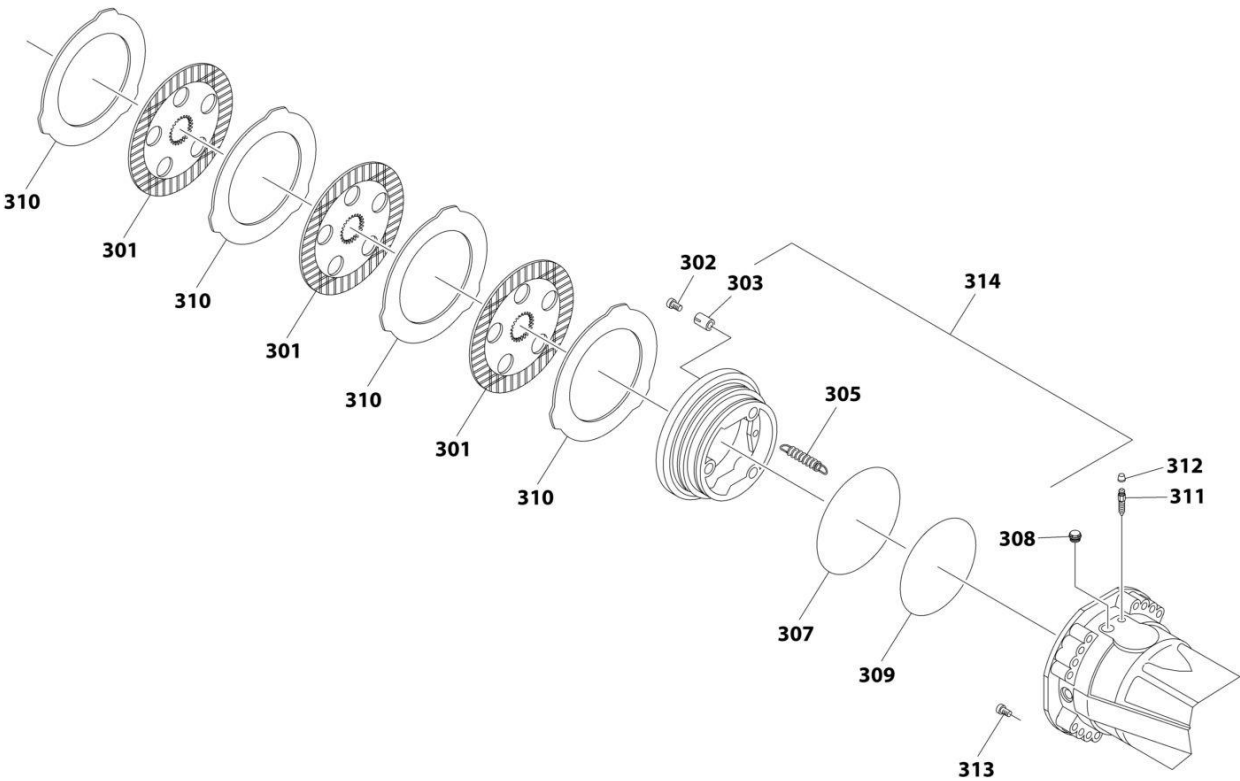
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SECTION 5 - DRIVE TRAIN



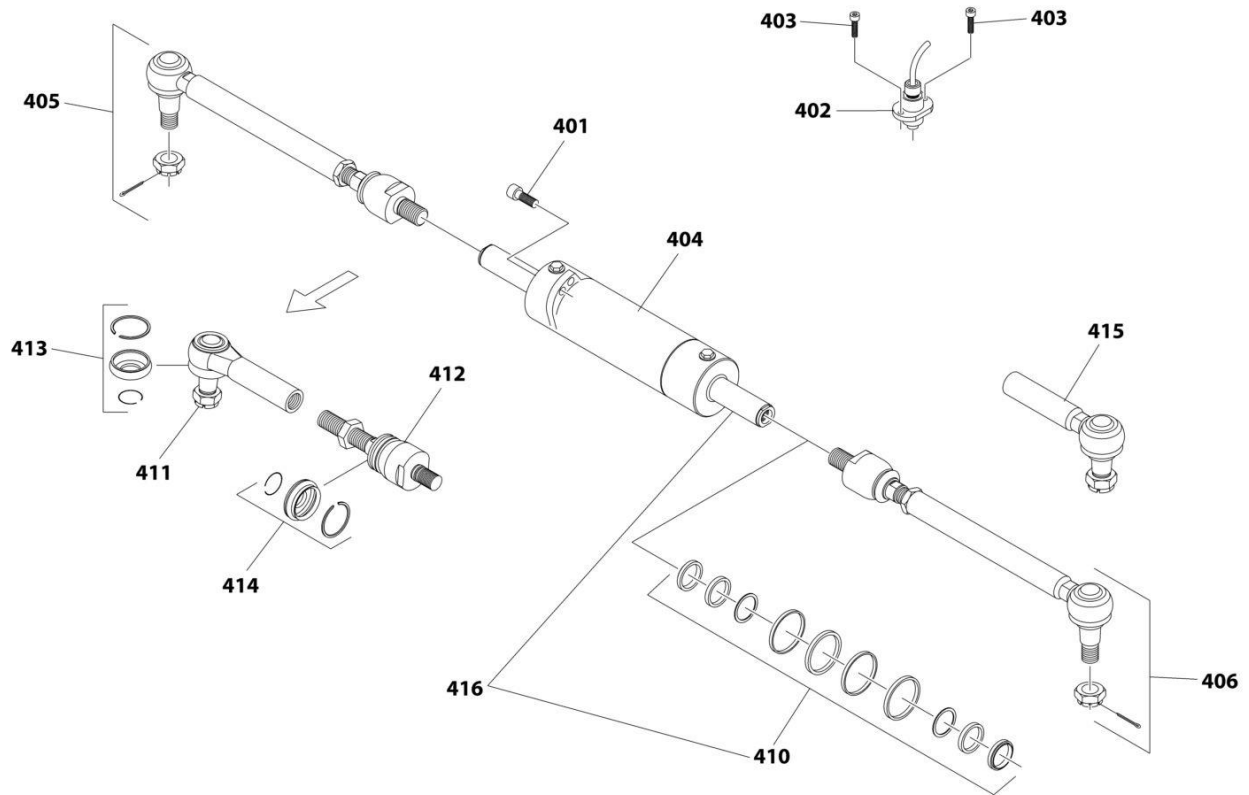
ART_1001270170_4OF7

SECTION 5 - DRIVE TRAIN



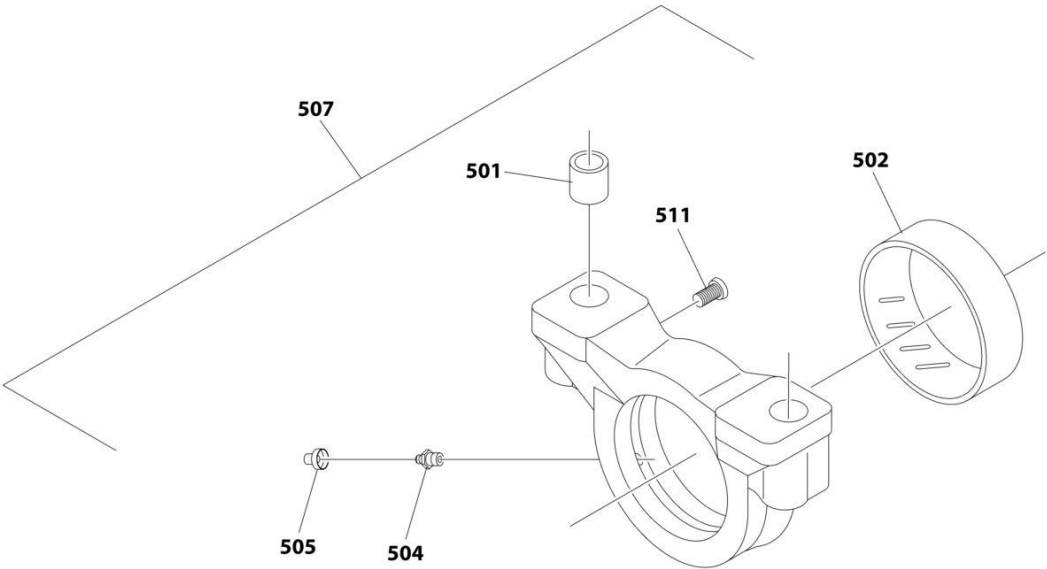
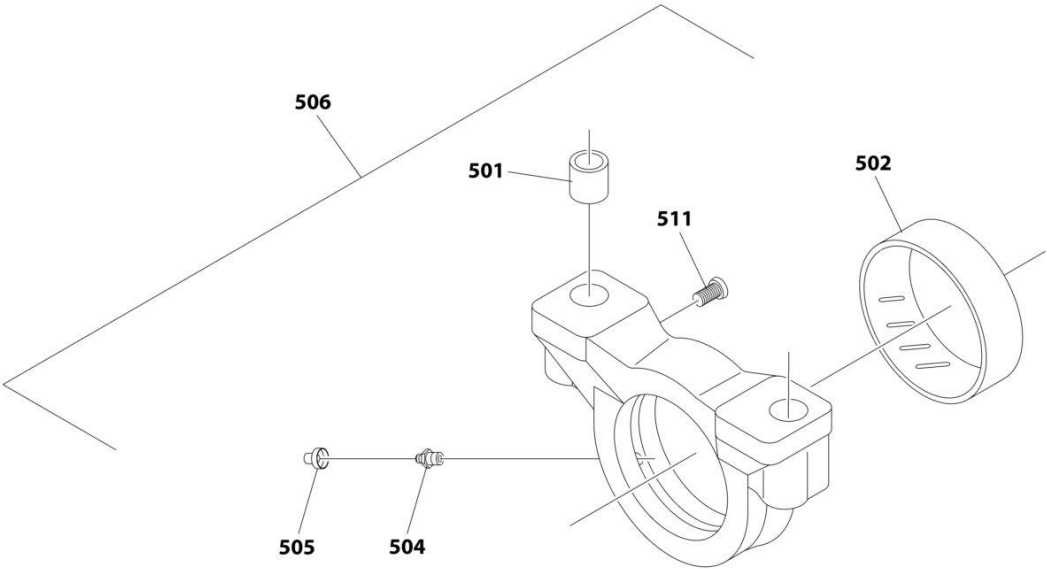
ART_1001270170_SOF7

SECTION 5 - DRIVE TRAIN



ART_1001270170_60F7

SECTION 5 - DRIVE TRAIN



ART_1001270170_7OF7

SECTION 5 - DRIVE TRAIN

FIGURE 5-5. 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

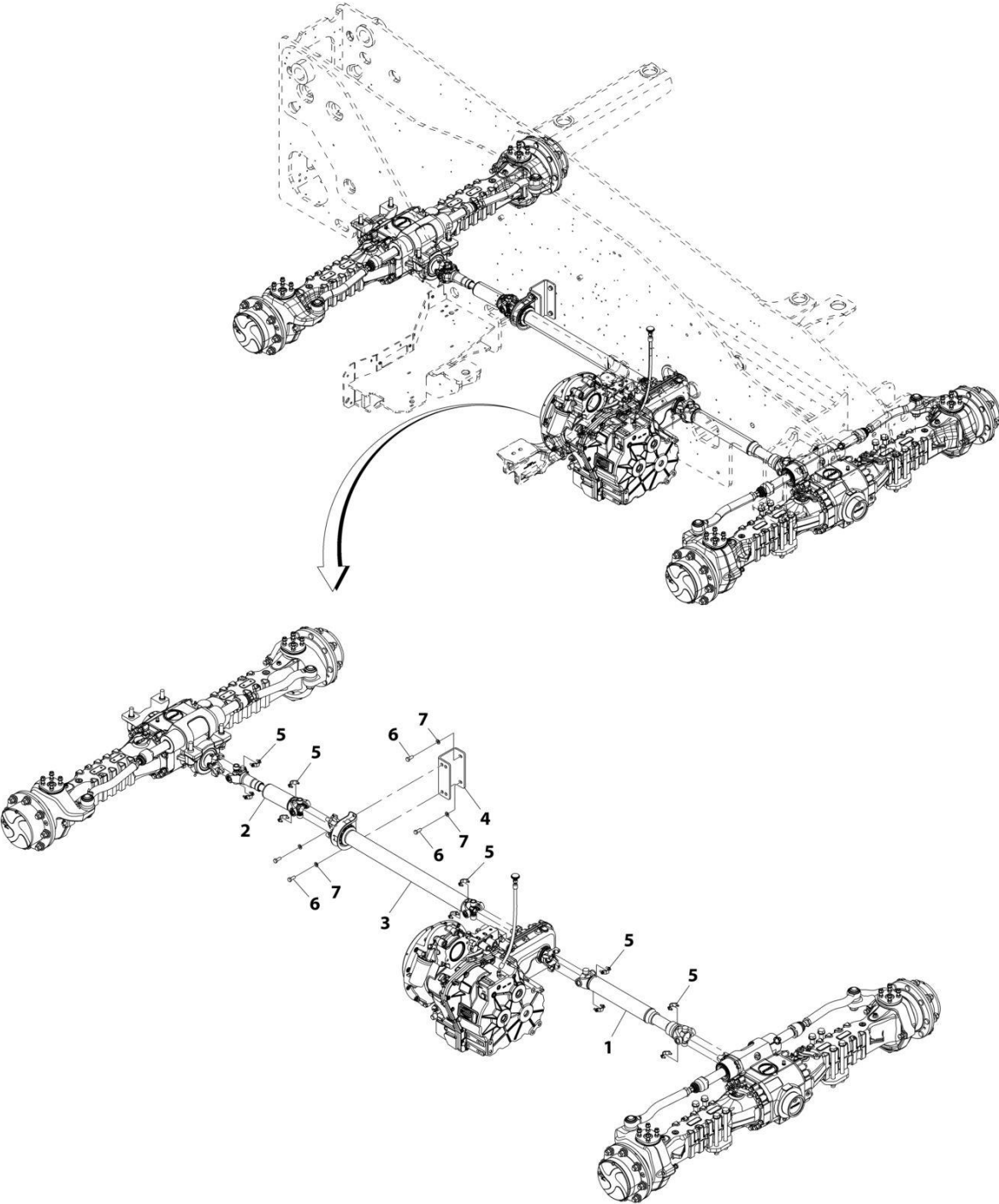
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
216	70025562	12	Bolt	
217	80204117	4	Plug	
218	70024881	2	Grease Fitting	
219	70025567	2	Pivot (Includes Item 218)	
220	70028536	1	Shim Kit	
221	2401043	2	Seal	
223	70020173	2	Bushing	
224	2401258	2	Seal	
225	8006605	2	Pivot Kit (Includes Pivot and Items 221 & 224)	
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 5-6. DRIVE SHAFTS INSTALLATION



ART_1001177638-B

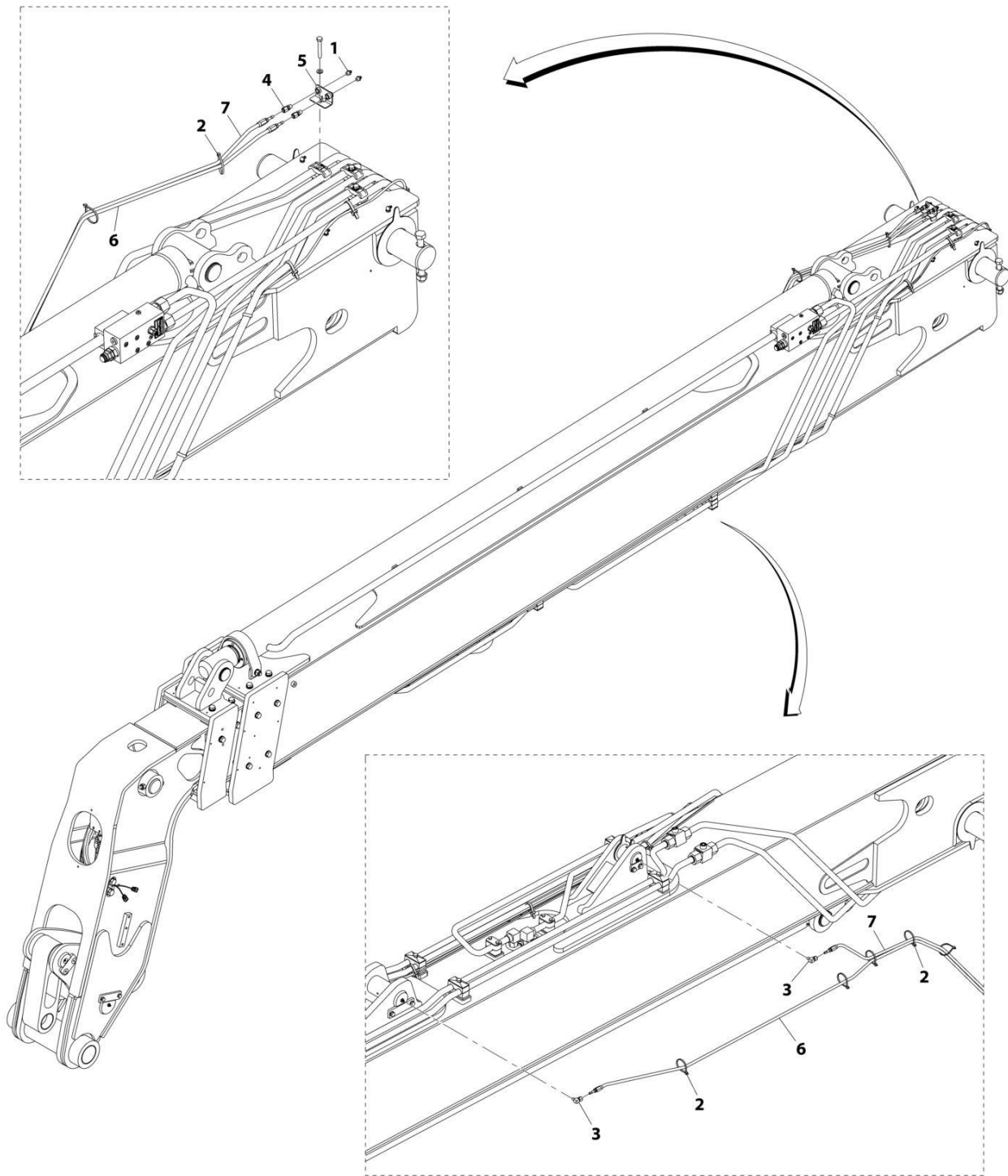
SECTION 5 - DRIVE TRAIN

FIGURE 5-6. 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 5-7. REMOTE GREASE SYSTEM INSTALLATION



ART_1001210417-B

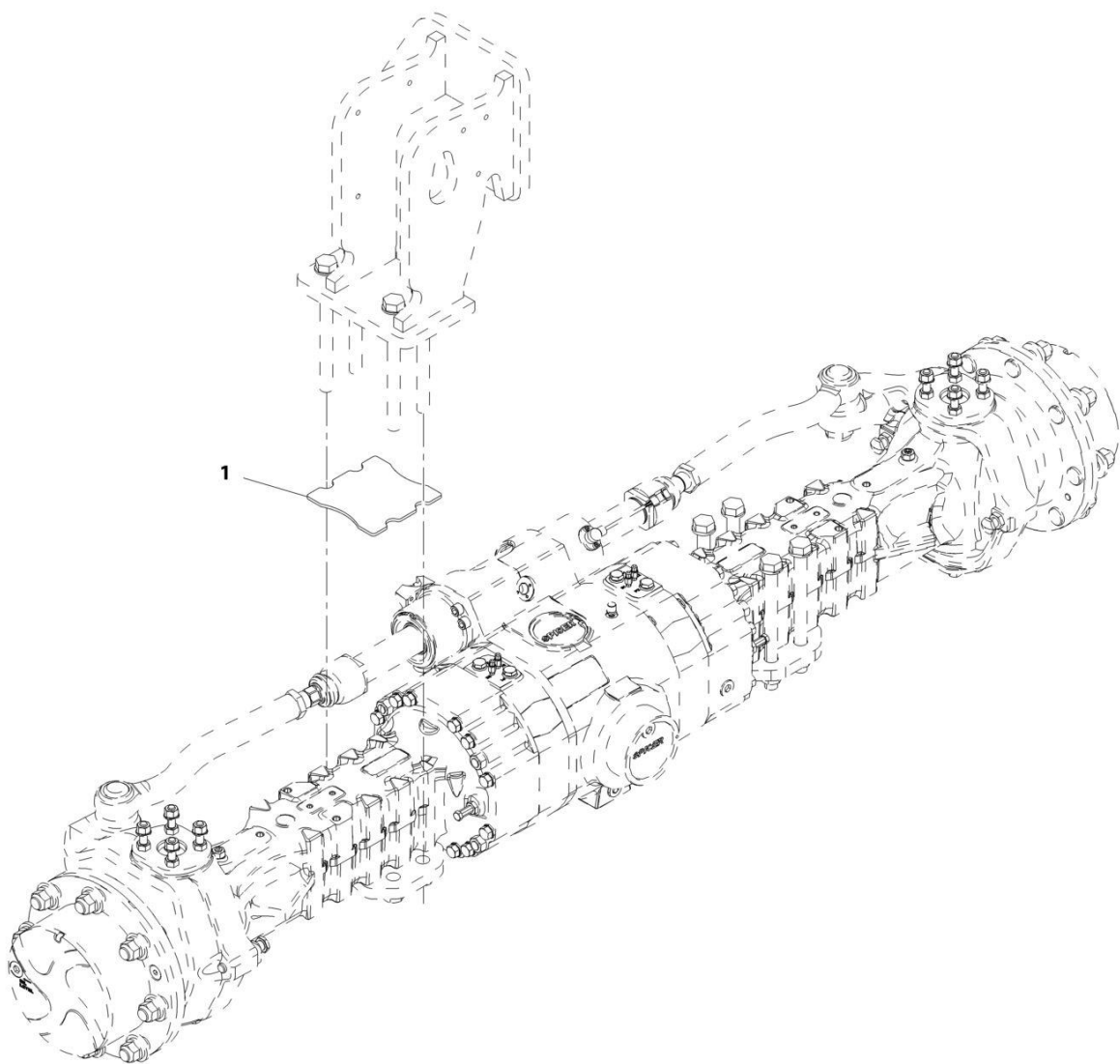
SECTION 5 - DRIVE TRAIN

FIGURE 5-7. 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 5 - DRIVE TRAIN

FIGURE 5-8. AXLE SHIM INSTALLATION



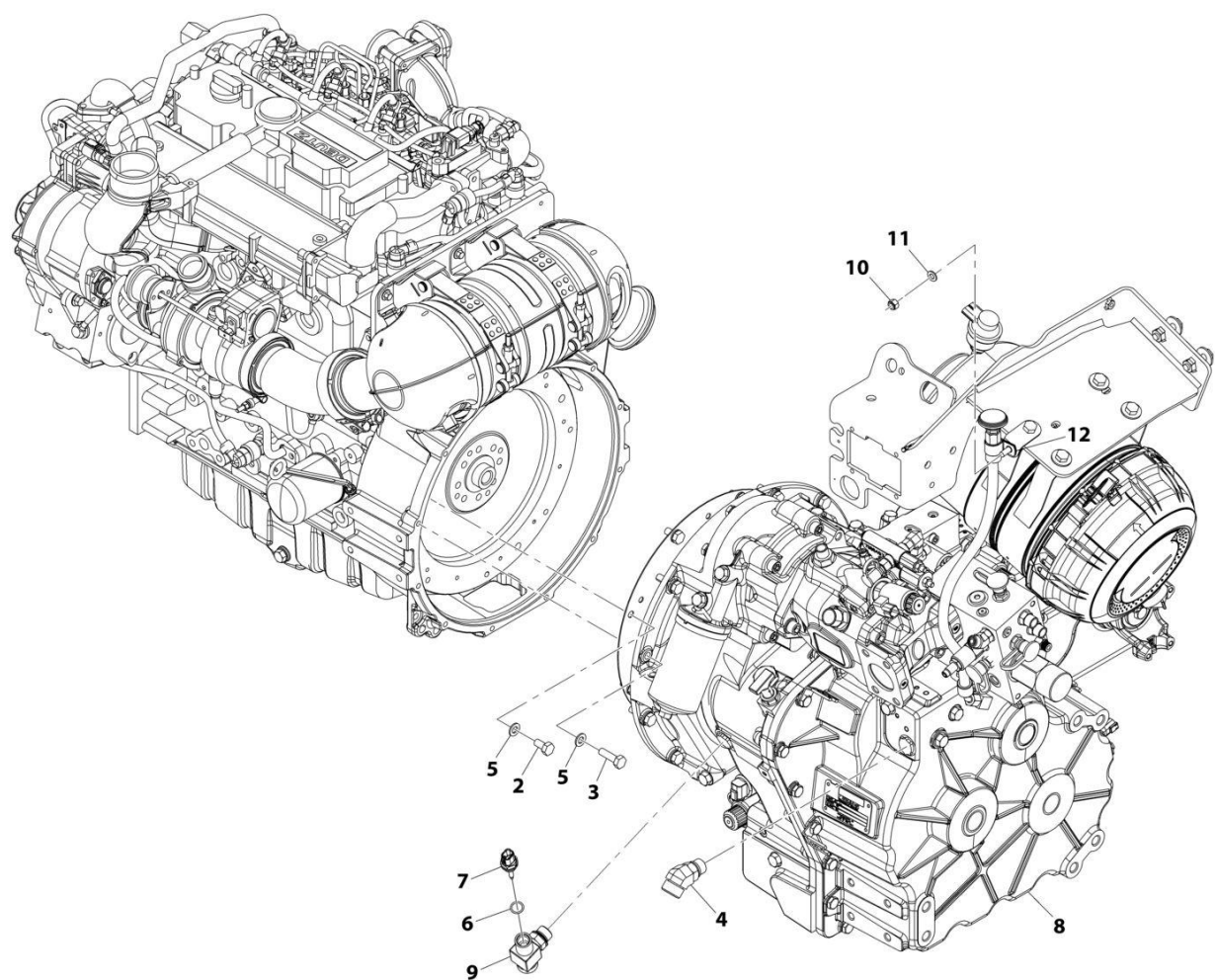
ART_1001186574-C

FIGURE 5-8. 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 5-9. TRANSMISSION INSTALLATION (6 SPD - 90KW)



ART_1001178439-F

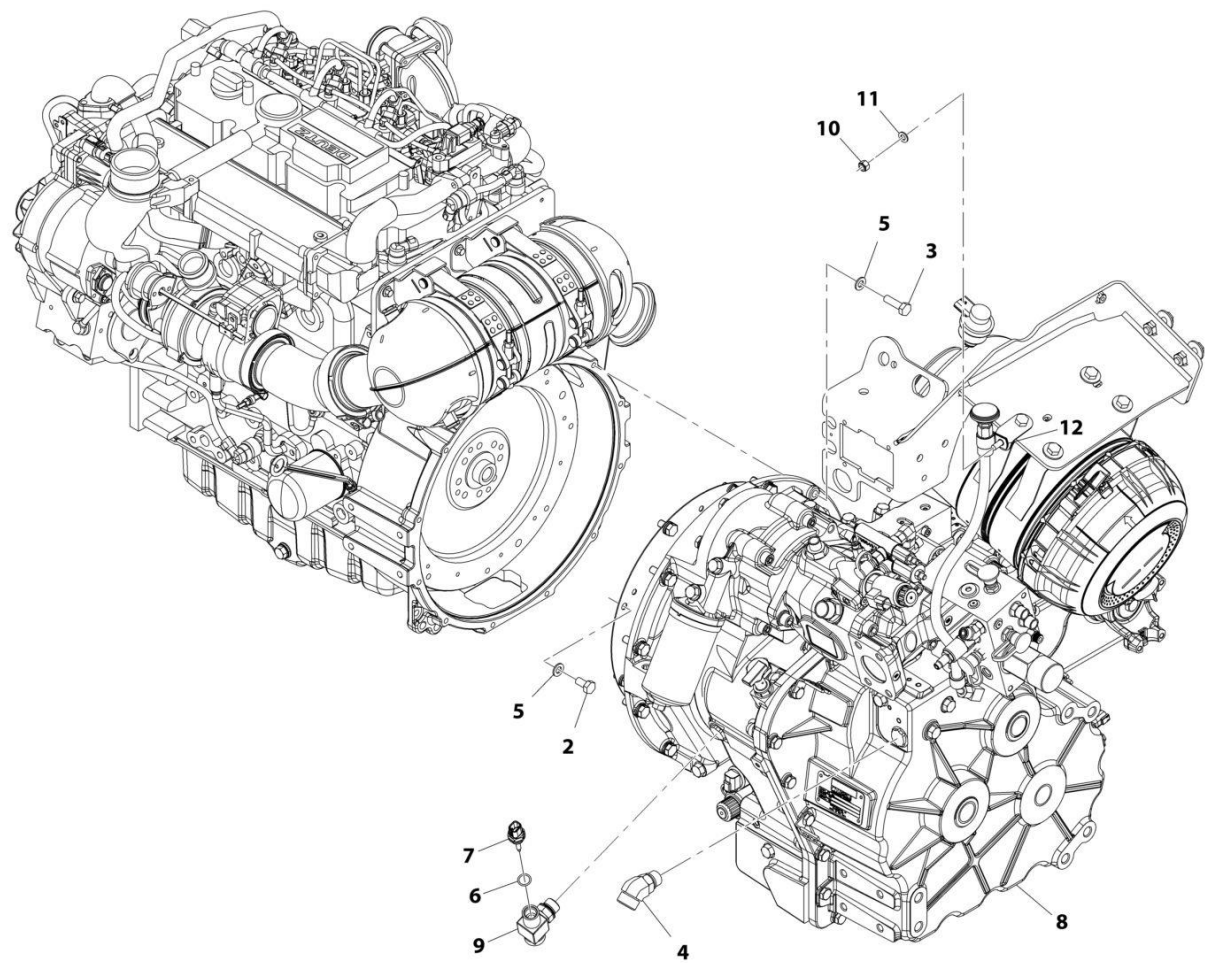
SECTION 5 - DRIVE TRAIN

FIGURE 5-9. 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 5-10. TRANSMISSION INSTALLATION (6 SPD - 97KW)



ART_1001182647-D

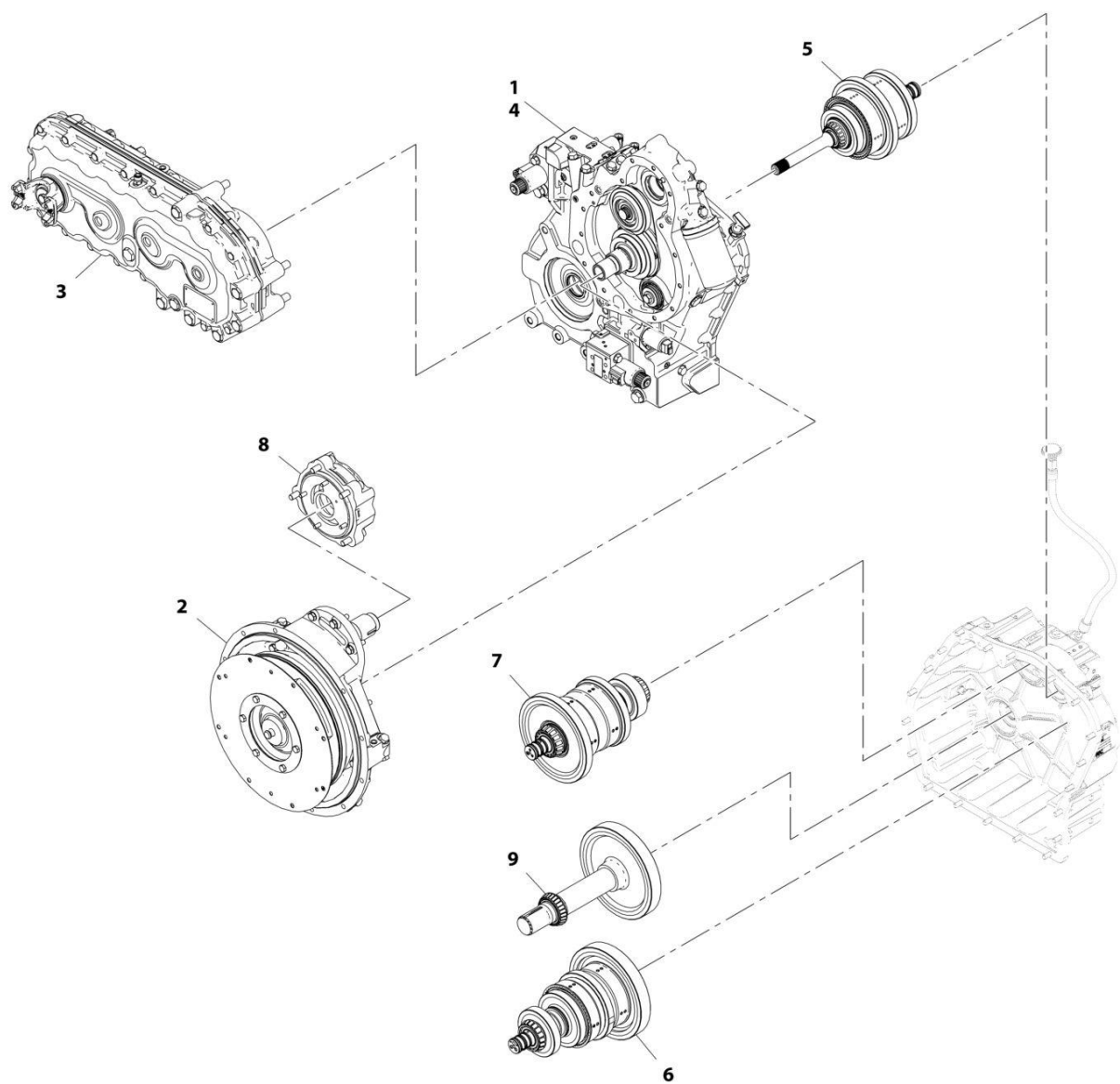
SECTION 5 - DRIVE TRAIN

FIGURE 5-10. 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 5-11. TRANSMISSION (6 SPD - 90KW)



ART_1001177851-E

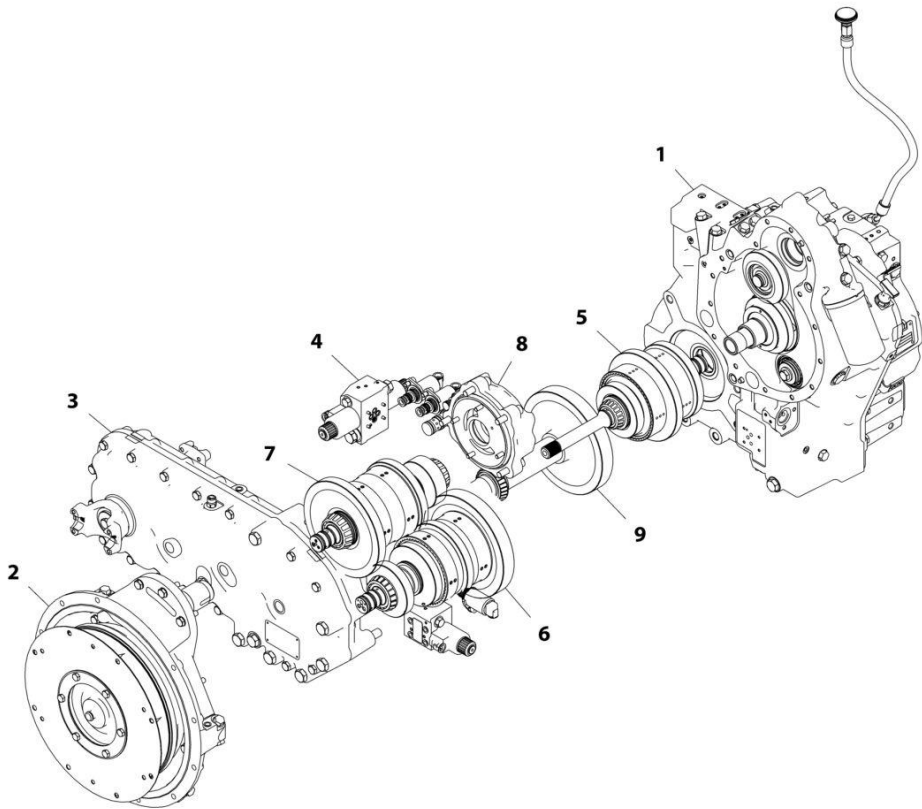
SECTION 5 - DRIVE TRAIN

FIGURE 5-11. 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 5-12. TRANSMISSION (6 SPD - HHP - 97KW)



ART_1001181559-D

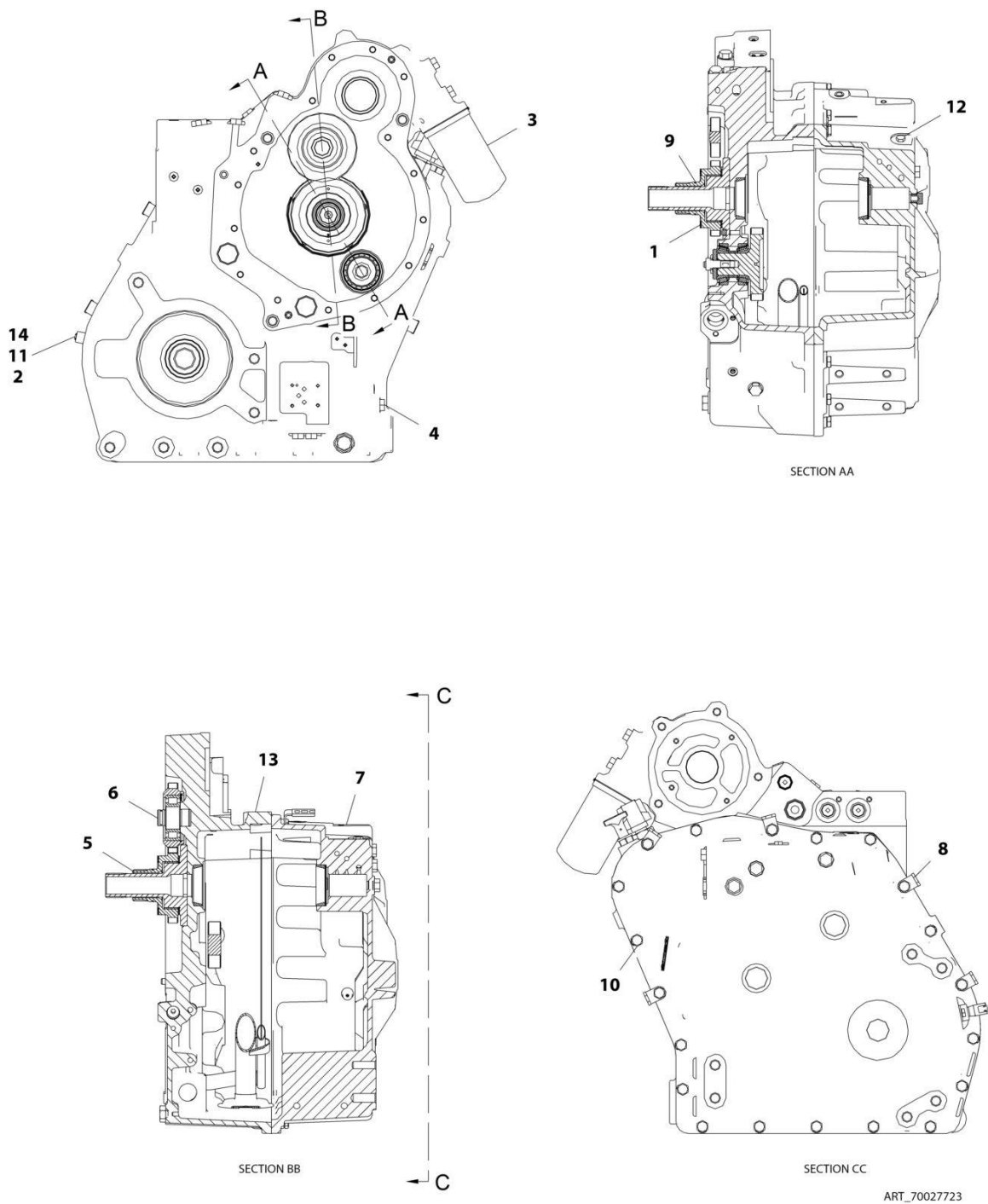
SECTION 5 - DRIVE TRAIN

FIGURE 5-12. 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 5-13. PLANETARY CASE AND PARTS GROUP



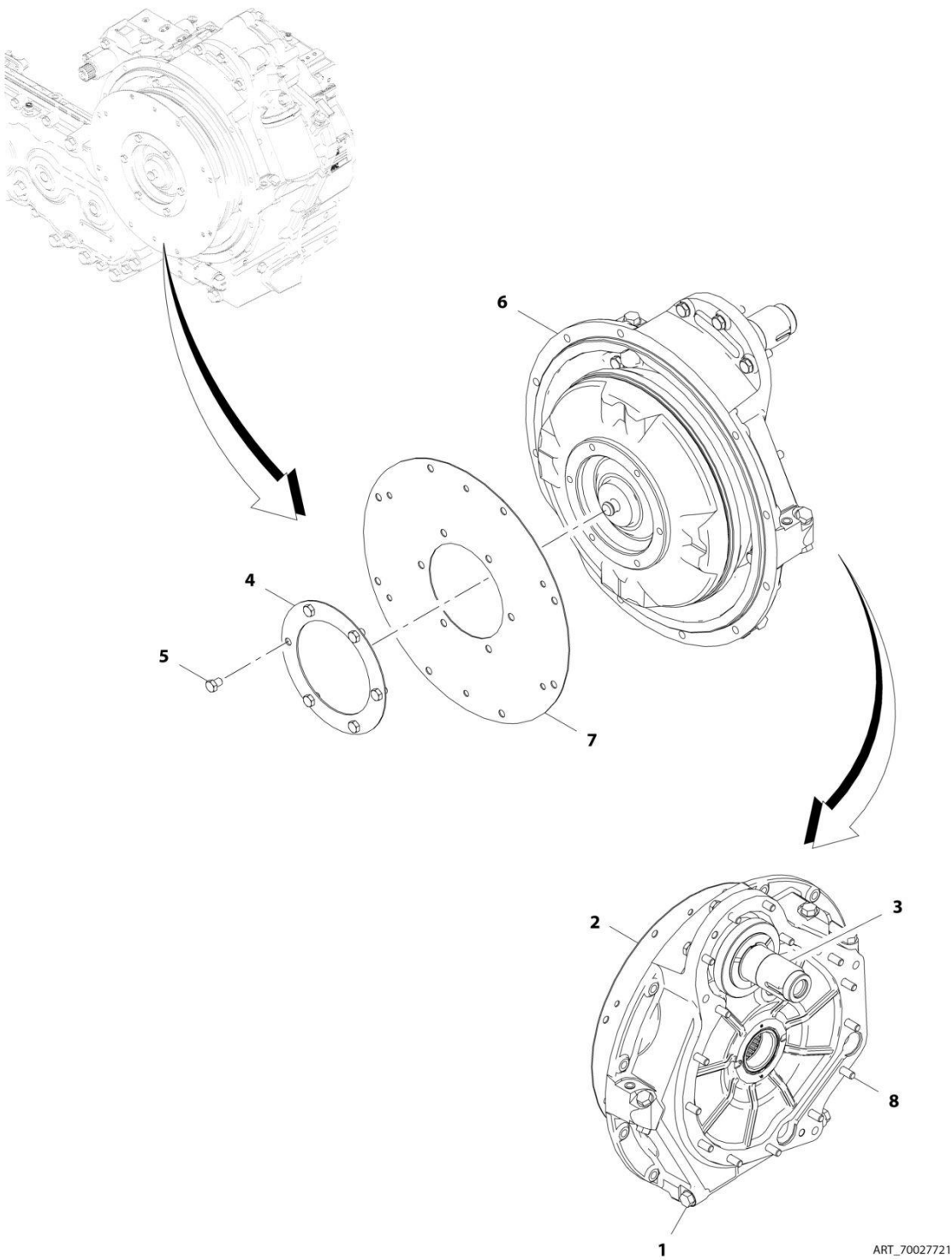
SECTION 5 - DRIVE TRAIN

FIGURE 5-13. 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 5-14. TORQUE CONVERTER GROUP



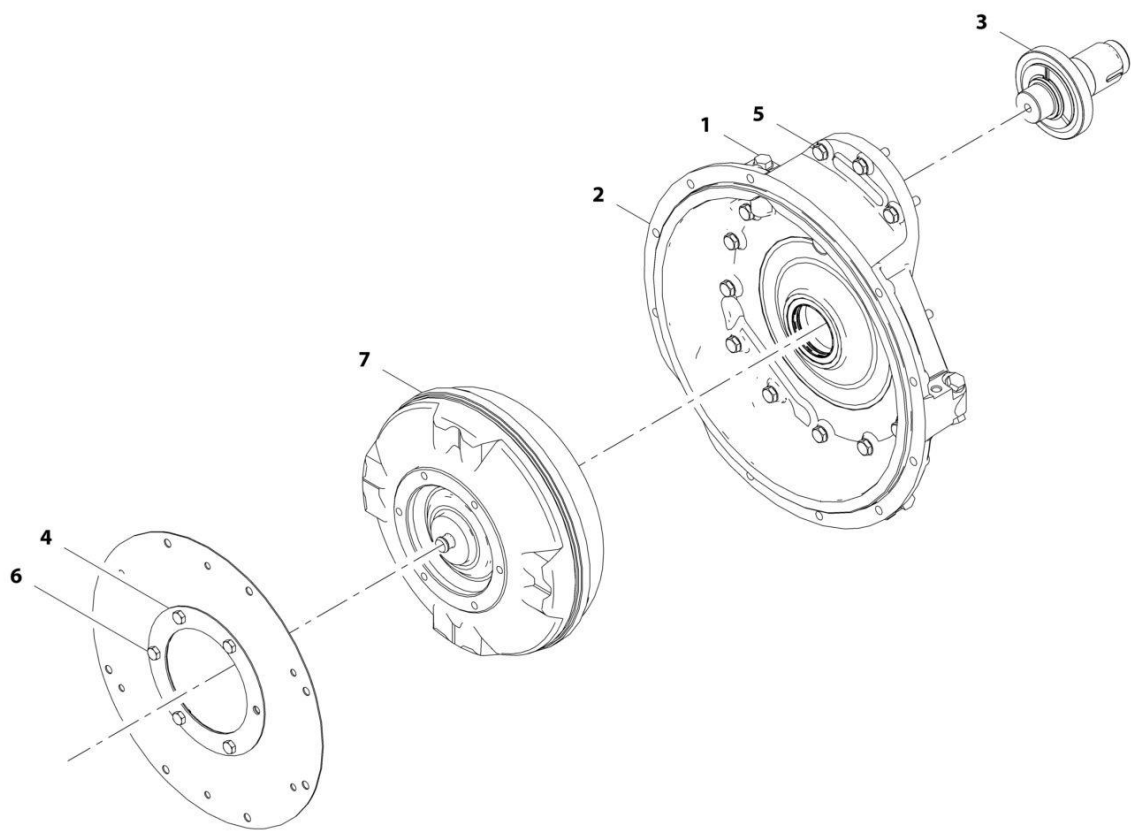
SECTION 5 - DRIVE TRAIN

FIGURE 5-14. TORQUE CONVERTER GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70027721	Ref	Torque Converter Group	
	70027663	7	Assembly, Plug	
	70025525	1	O-Ring	
	70025524	1	Plug	
2	70027666	1	Assembly, Torque Converter	
	70027676	1	Bearing	
	70025383	1	Seal	
	70025382	2	Pin	
	70027345	1	Converter	
3	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 5-15. TORQUE CONVERTER GROUP



ART_70027724

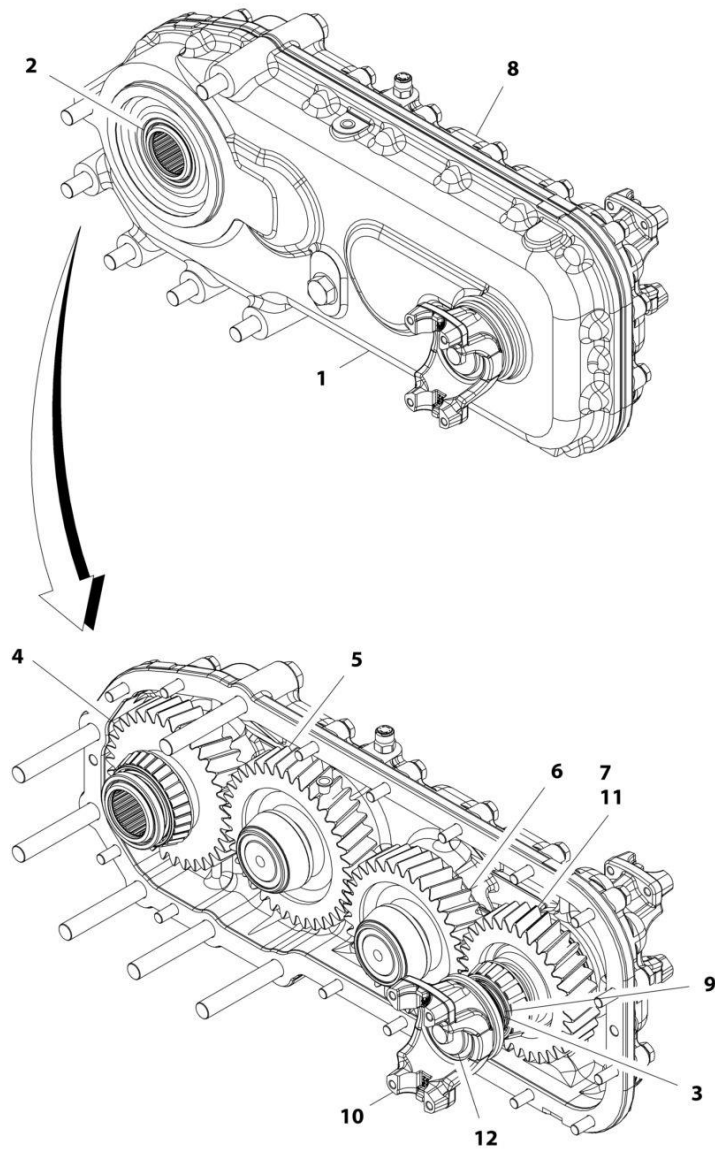
SECTION 5 - DRIVE TRAIN

FIGURE 5-15. TORQUE CONVERTER GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70027724	Ref	Torque Converter Group	
	70027663	7	Assembly, Plug	
	70025525	1	O-Ring	
	70025524	1	Plug	
2	70027666	1	Torque Converter	
	70027676	1	Bearing	
	70025383	1	Seal	
	70025382	2	Pin	
	70027345	1	Converter	
3	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 5-16. TRANSFER GEAR AND CASE GROUP



ART_70027725

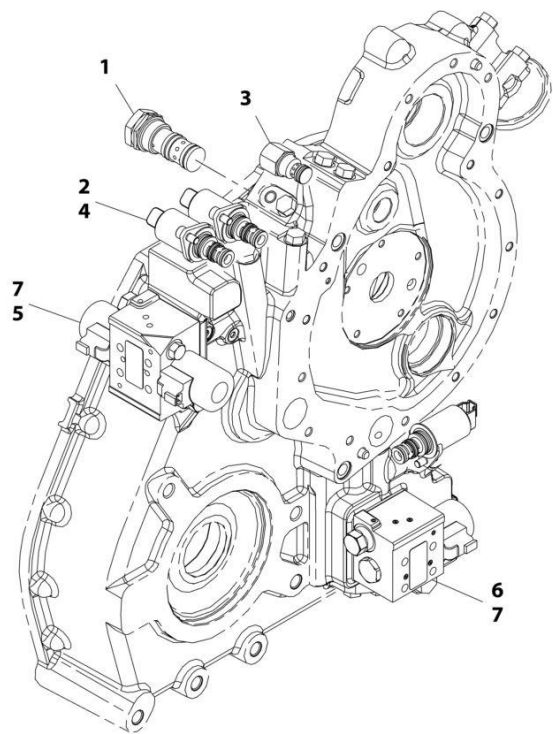
SECTION 5 - DRIVE TRAIN

FIGURE 5-16. 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 5-17. TRANSMISSION HYDRAULIC CONTROL GROUP



ART_70027720

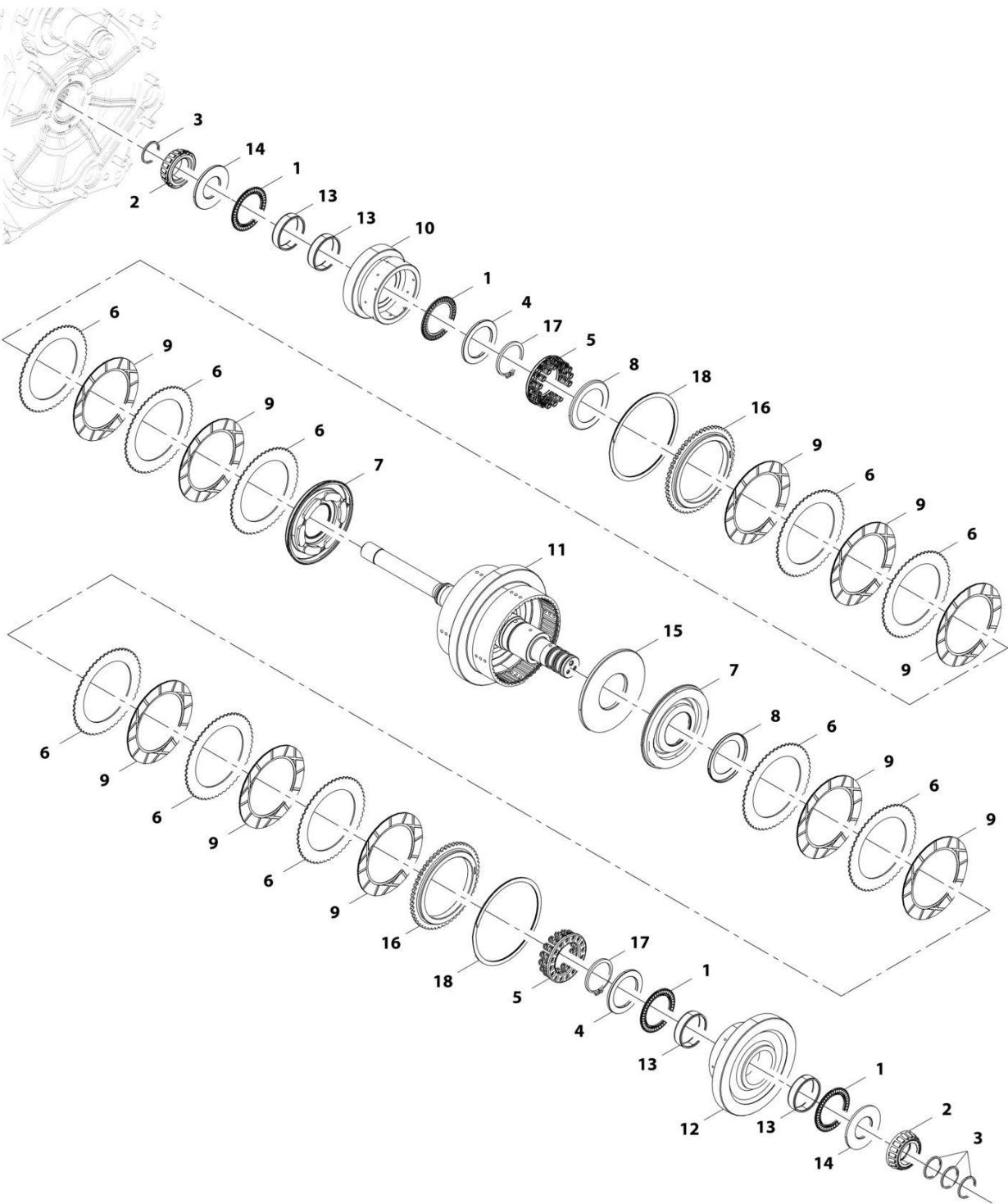
SECTION 5 - DRIVE TRAIN

FIGURE 5-17. 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 5-18. INPUT SHAFT GROUP



ART_70027717

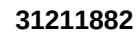
SECTION 5 - DRIVE TRAIN

FIGURE 5-18. 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	

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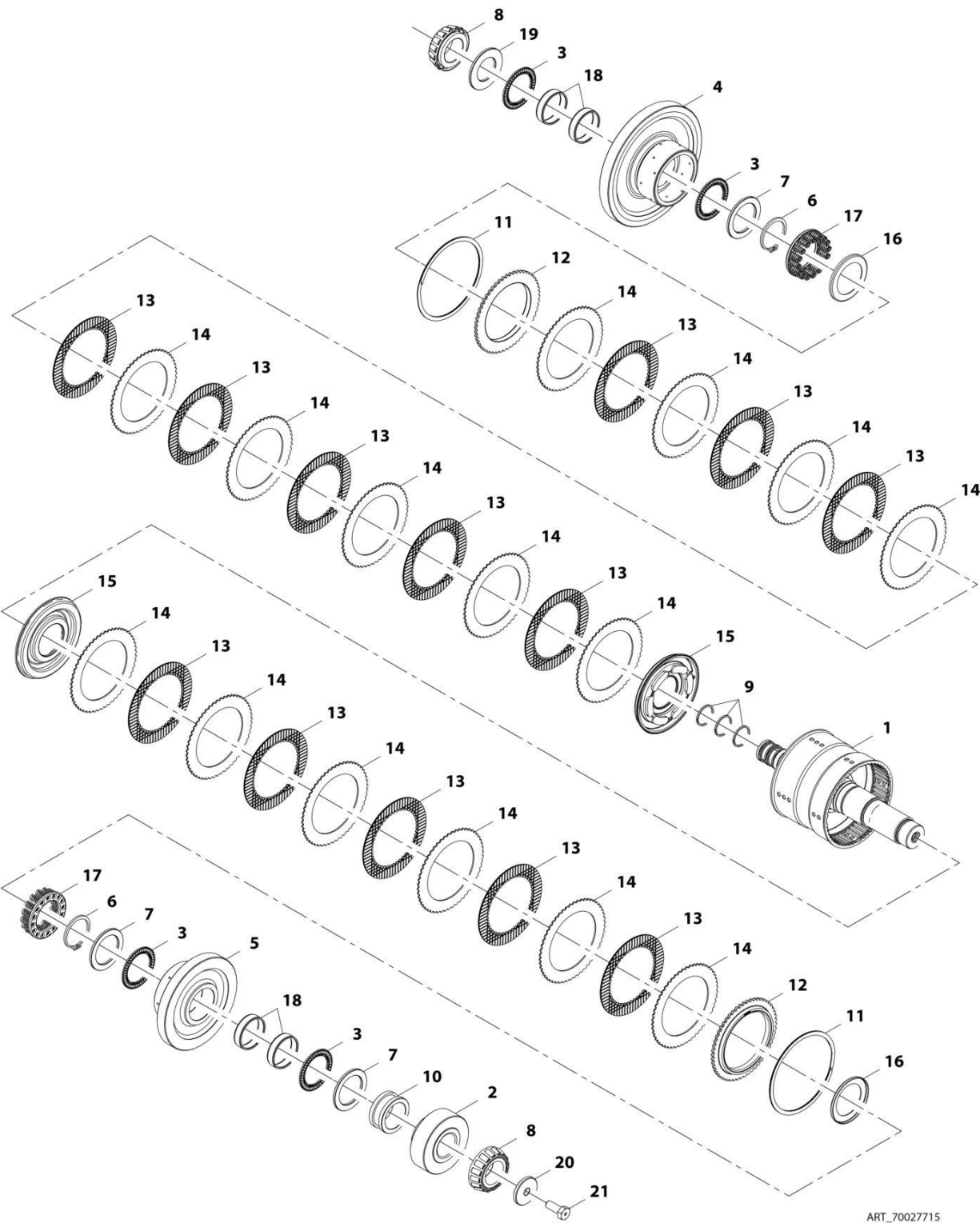
SECTION 5 - DRIVE TRAIN

FIGURE 5-19. 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 5-20. CLUTCH AND GEAR GROUP



ART_70027715

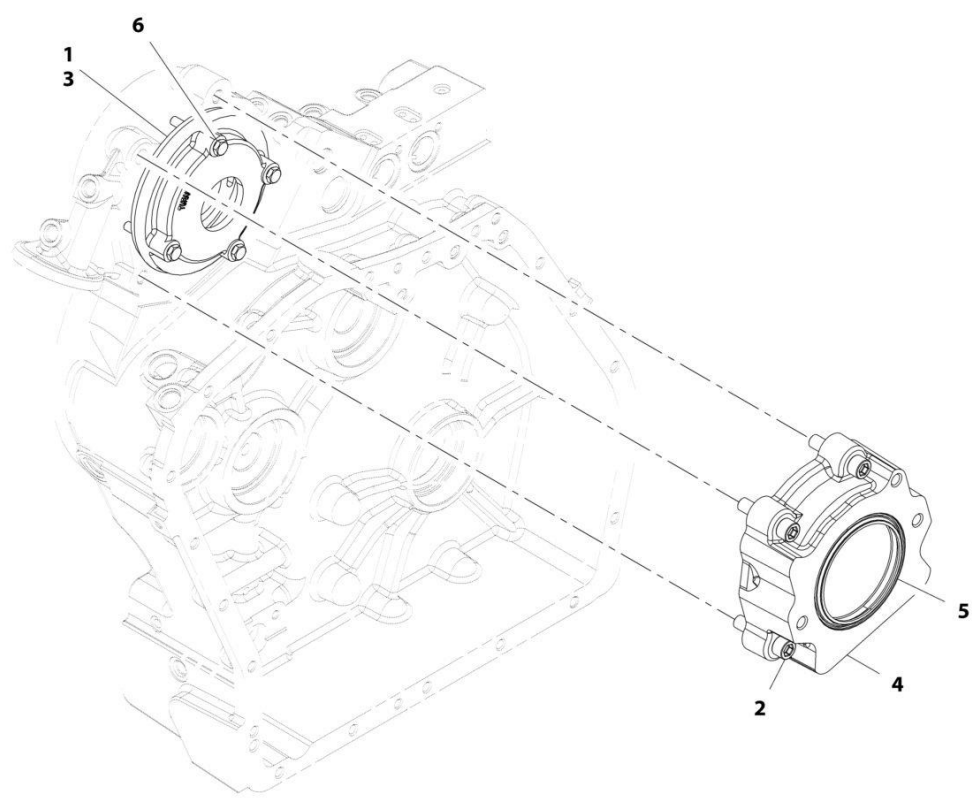
SECTION 5 - DRIVE TRAIN

FIGURE 5-20. 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 5-21. TRANSMISSION PUMP GROUP



ART_70027719

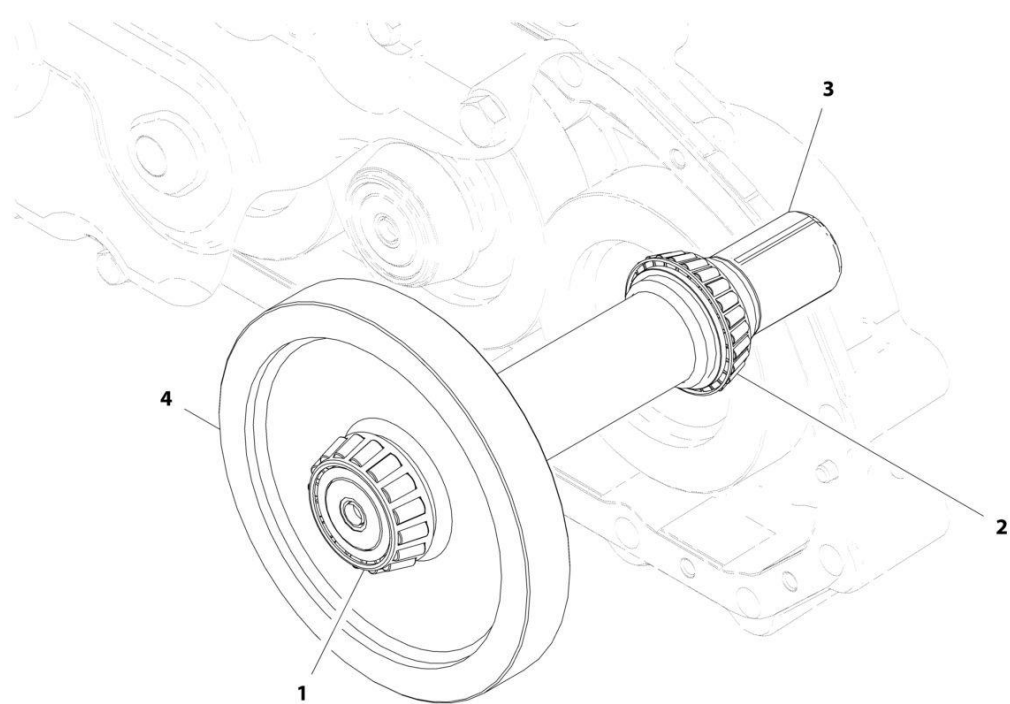
SECTION 5 - DRIVE TRAIN

FIGURE 5-21. 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 5-22. OUTPUT SHAFT GROUP



ART_70027716

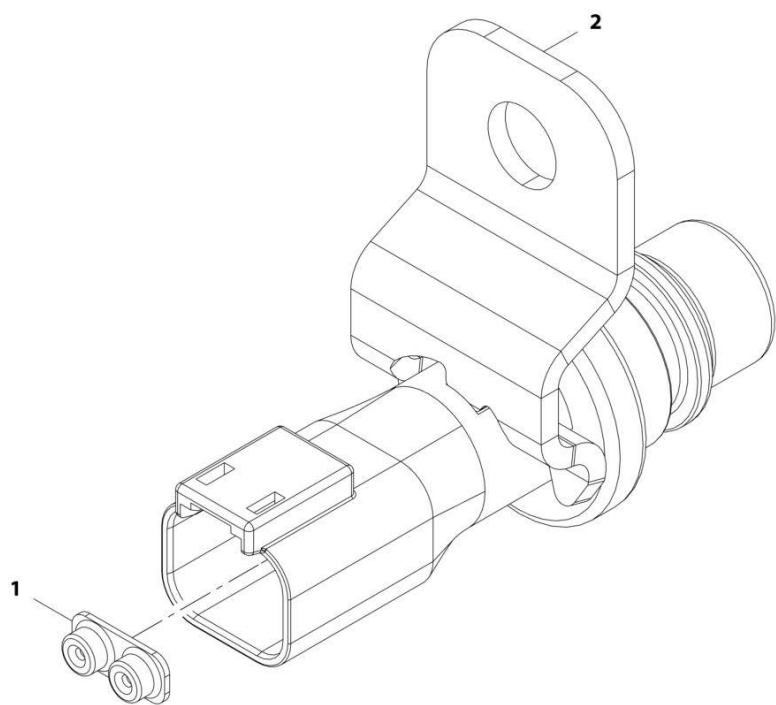
SECTION 5 - DRIVE TRAIN

FIGURE 5-22. 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 5-23. SPEED SENSOR



ART_70025526

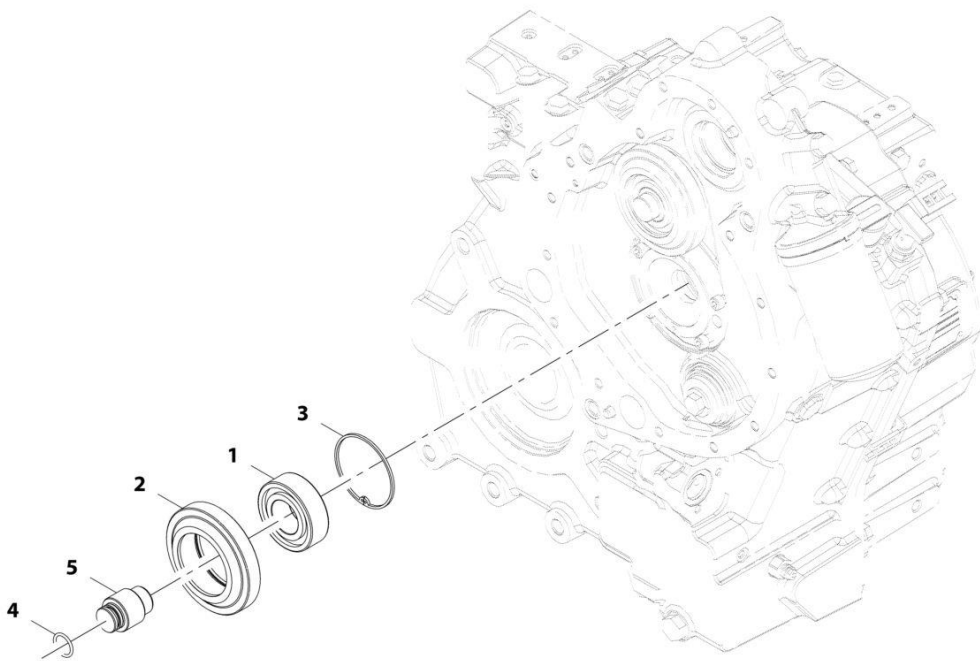
SECTION 5 - DRIVE TRAIN

FIGURE 5-23. 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 5-24. IDLER GEAR



ART_70027707

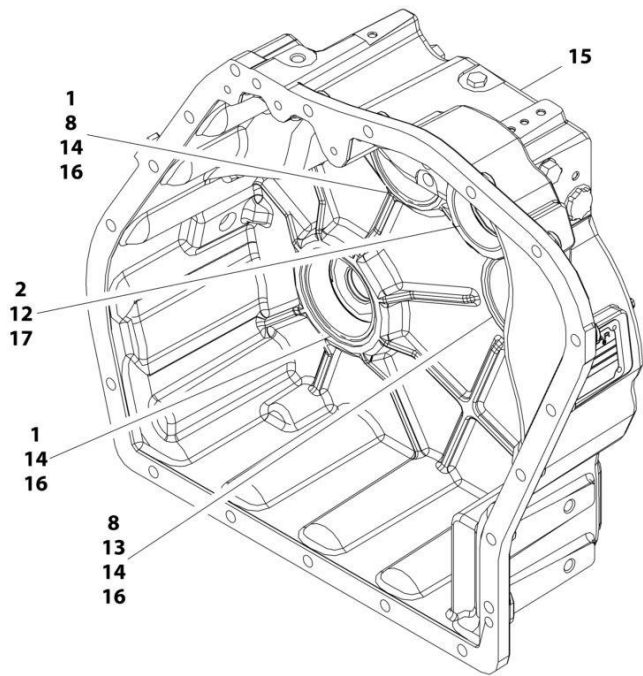
SECTION 5 - DRIVE TRAIN

FIGURE 5-24. 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 5-25. REAR TRANSMISSION CASE



ART_70027711

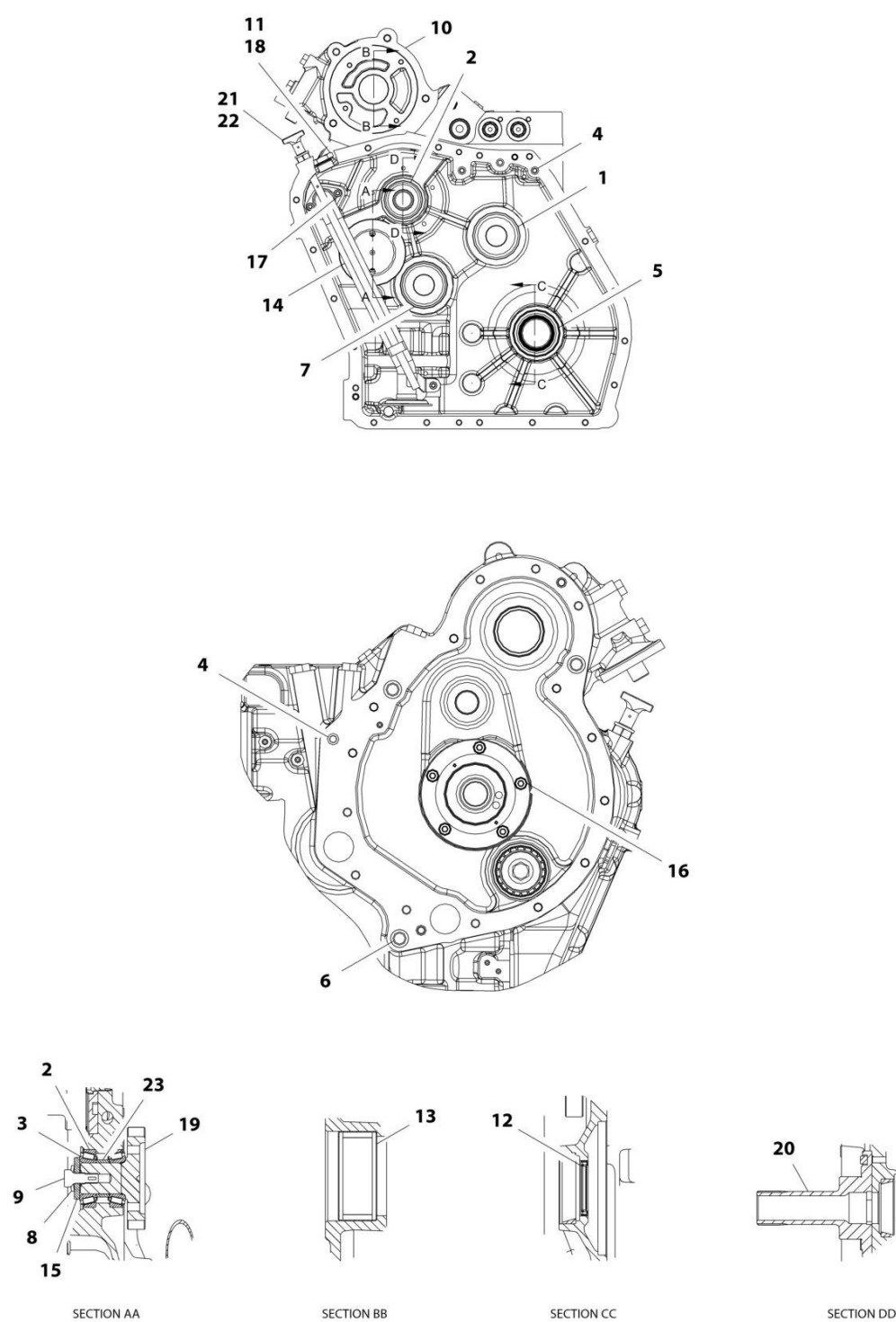
SECTION 5 - DRIVE TRAIN

FIGURE 5-25. 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 5-26. PLANETARY CASE



ART_70027714

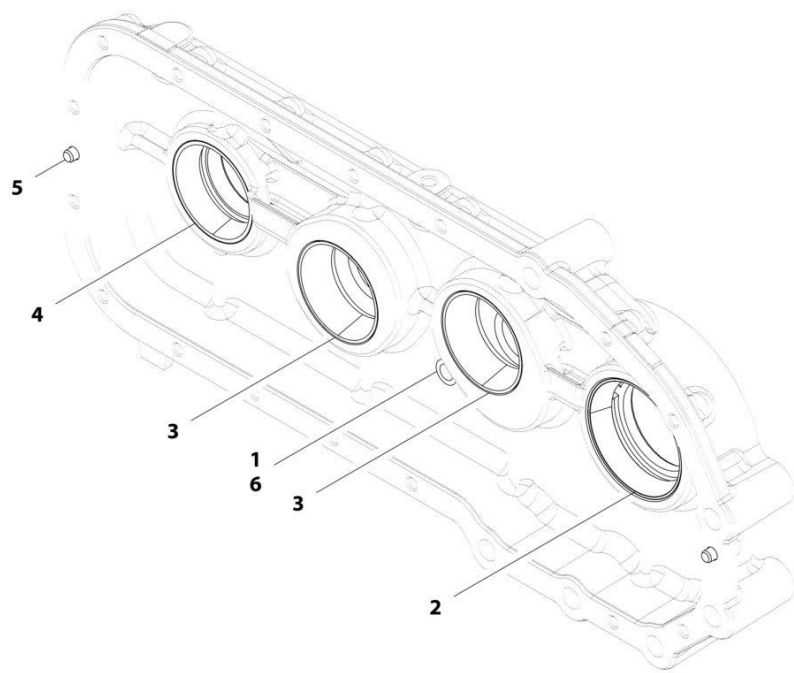
SECTION 5 - DRIVE TRAIN

FIGURE 5-26. 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 5-27. FRONT TRANSFER CASE



ART_70027373

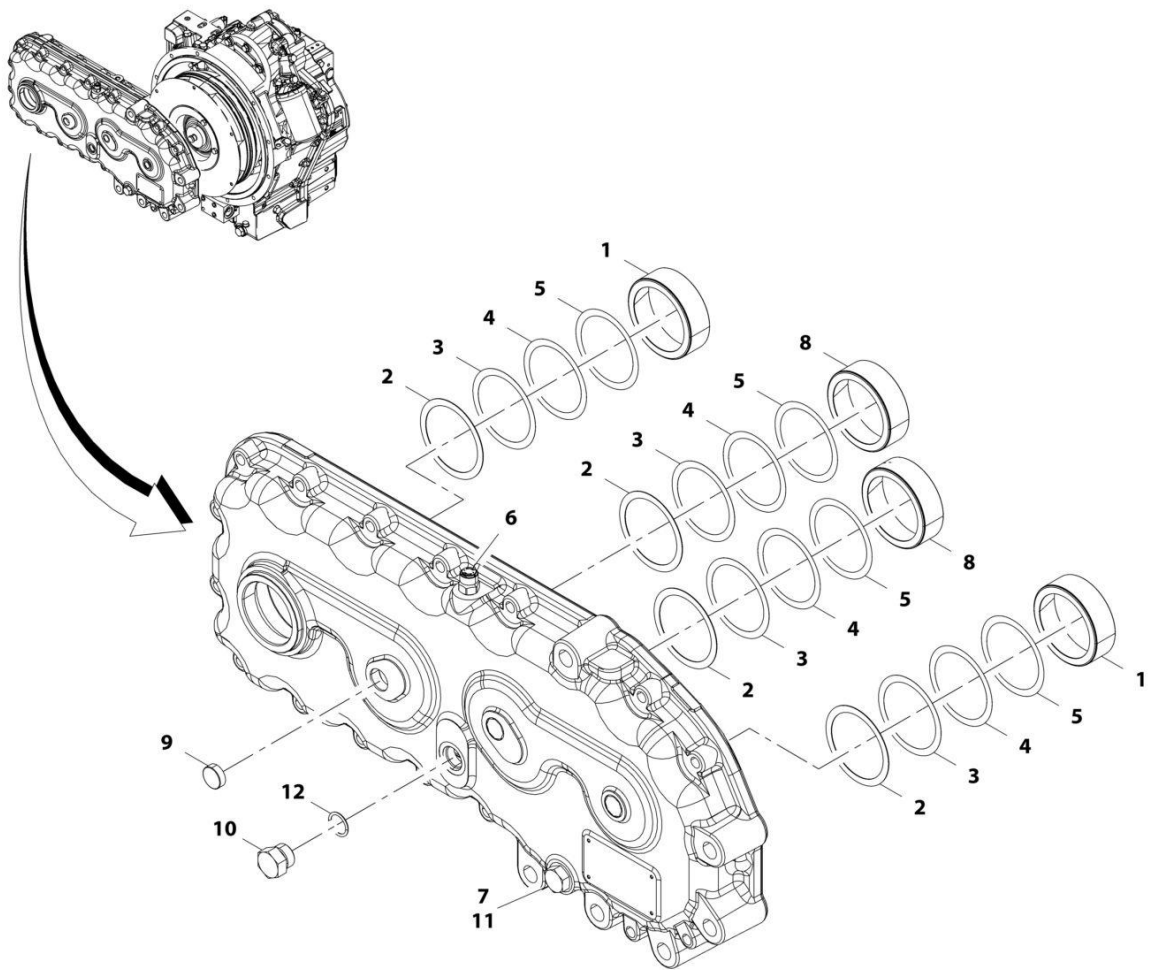
SECTION 5 - DRIVE TRAIN

FIGURE 5-27. 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 5-28. REAR TRANSFER CASE



ART_70027375

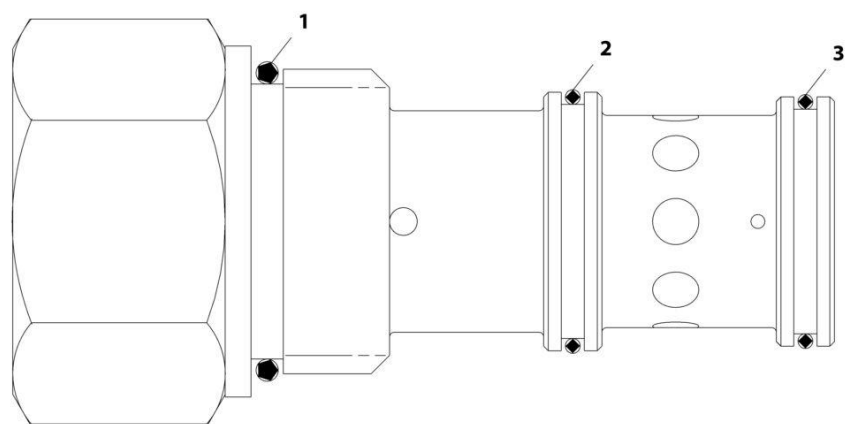
SECTION 5 - DRIVE TRAIN

FIGURE 5-28. 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 5-29. RELIEF VALVE



ART_70025469

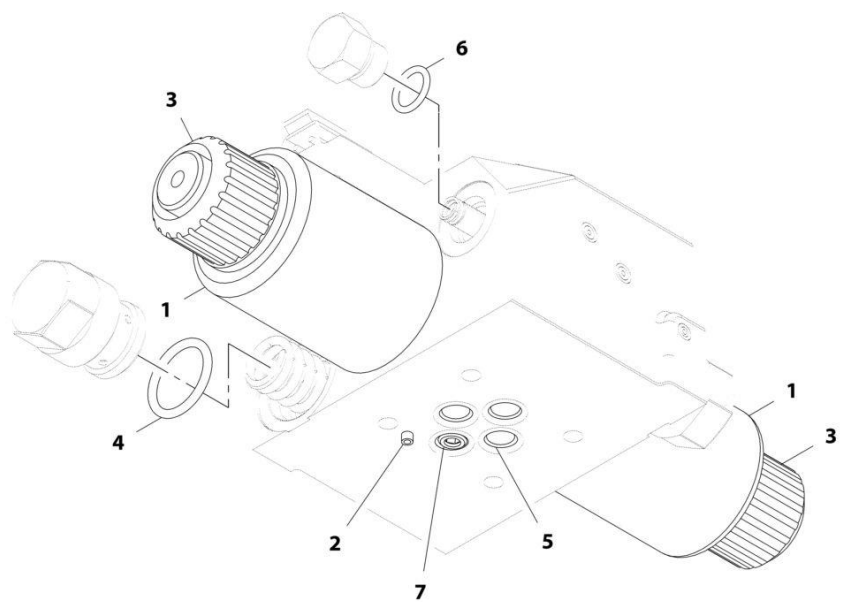
SECTION 5 - DRIVE TRAIN

FIGURE 5-29. 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 5-30. SOLENOID VALVE



ART_70027362

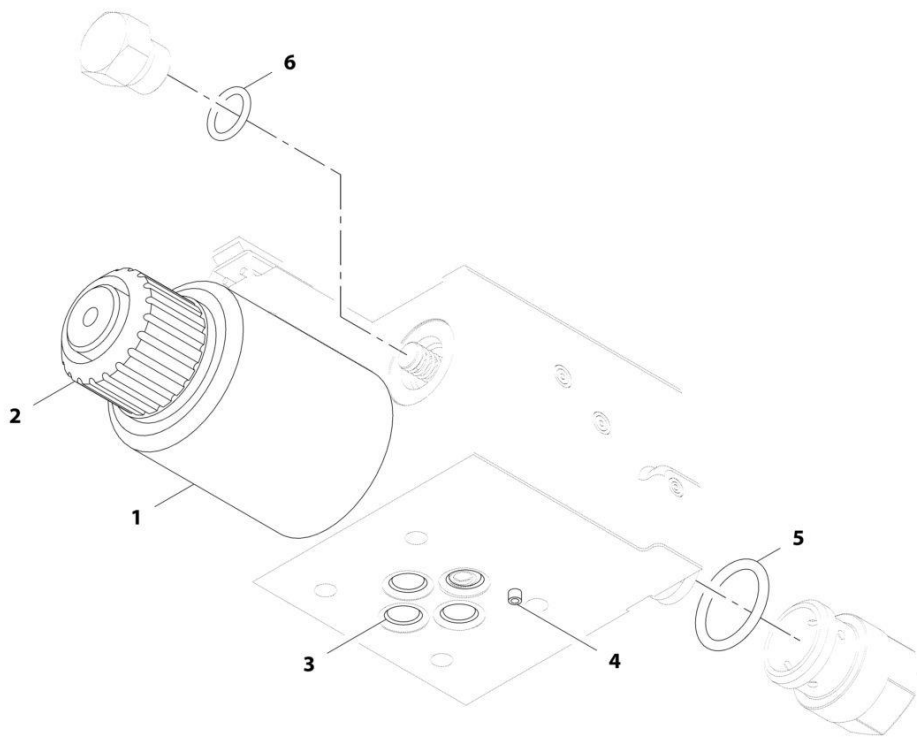
SECTION 5 - DRIVE TRAIN

FIGURE 5-30. 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 5-31. SOLENOID VALVE



ART_70027363

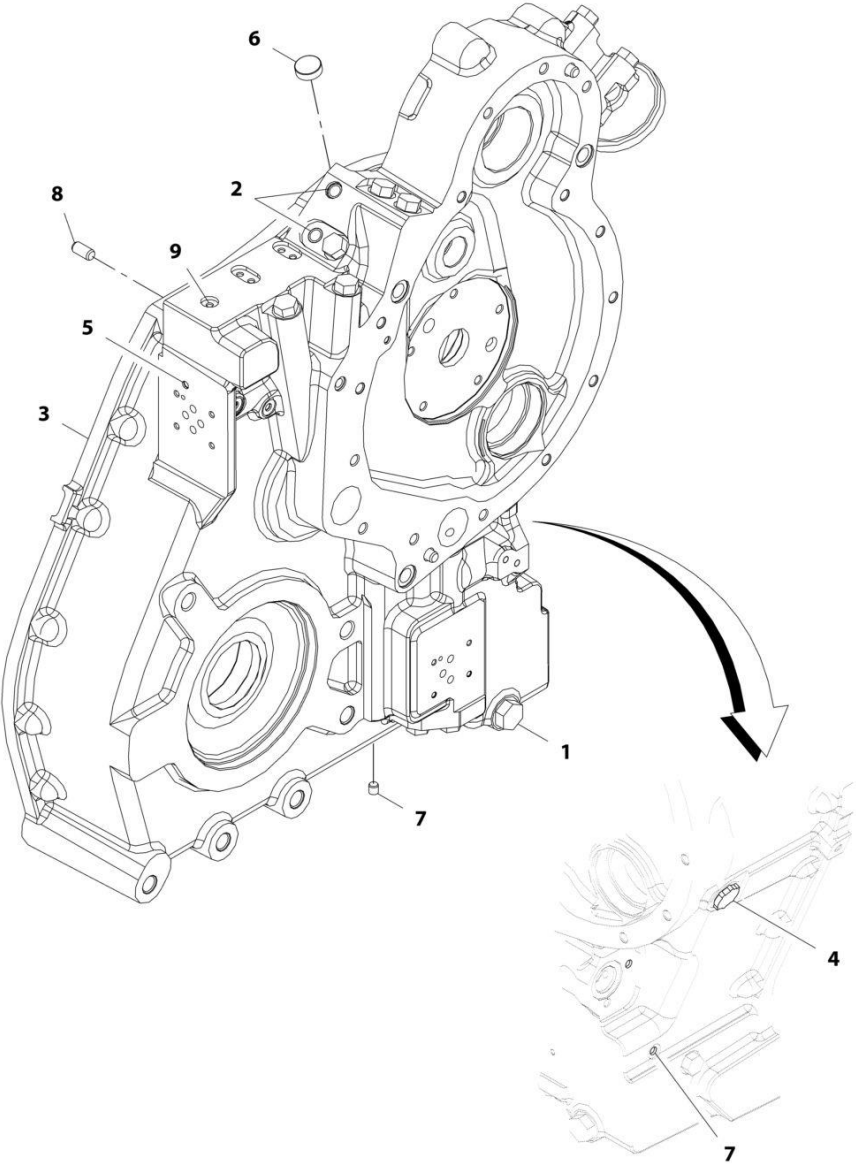
SECTION 5 - DRIVE TRAIN

FIGURE 5-31. 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 5-32. FRONT TRANSMISSION CASE ASSEMBLY



ART_70025467

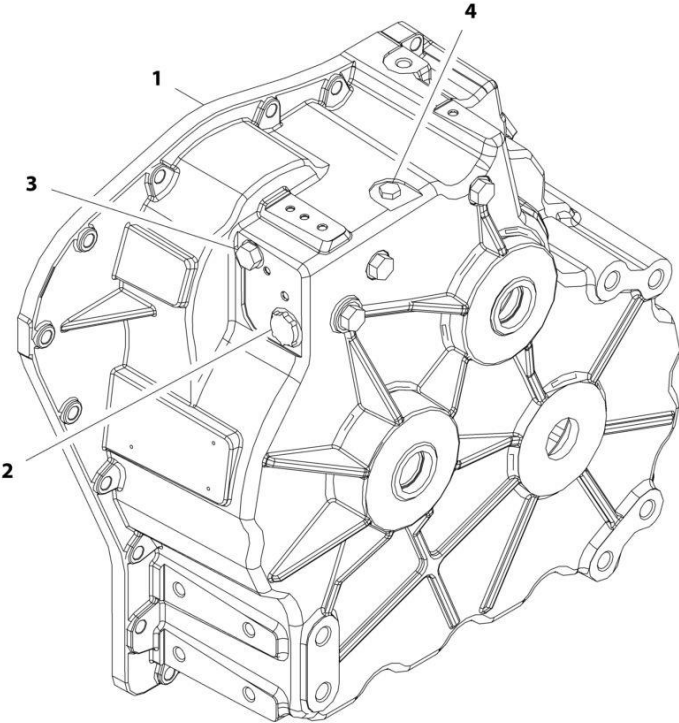
SECTION 5 - DRIVE TRAIN

FIGURE 5-32. 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 5-33. REAR TRANSMISSION CASE ASSEMBLY



ART_70025430

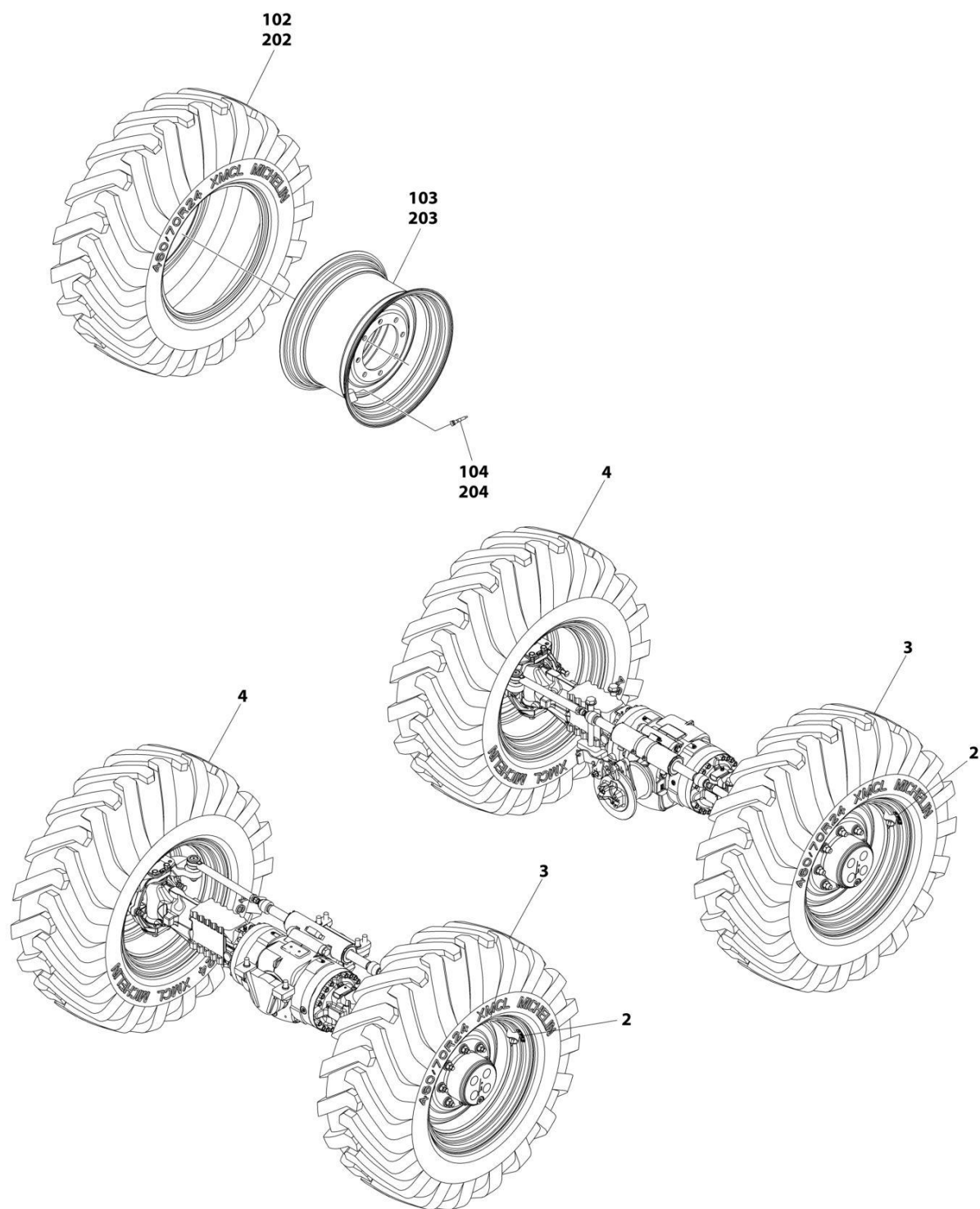
SECTION 5 - DRIVE TRAIN

FIGURE 5-33. 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 5-34. TIRE/WHEEL SET (AIR - 460/70 R24 XMCL)



ART_1001142285_D

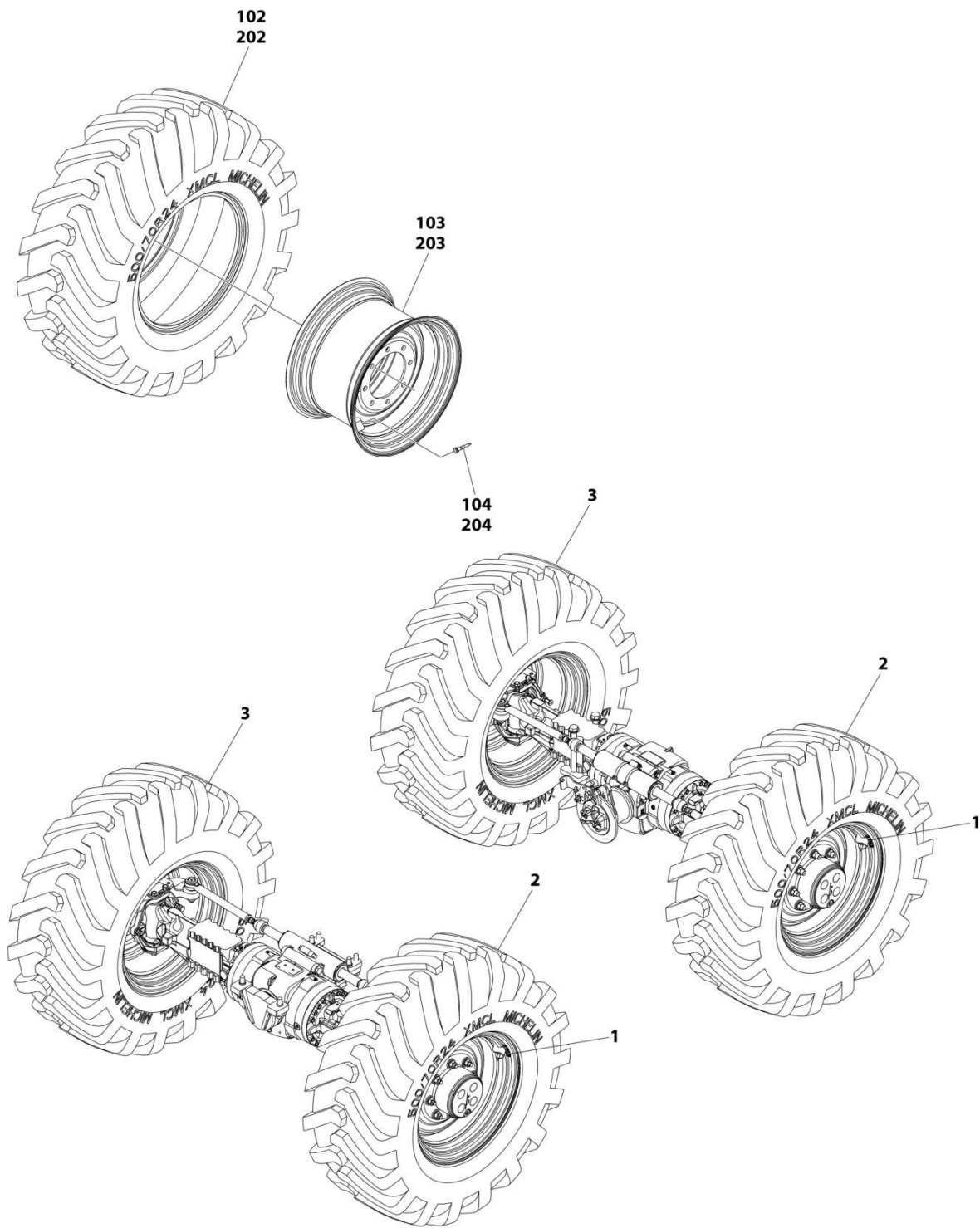
SECTION 5 - DRIVE TRAIN

FIGURE 5-34. 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 5-35. TIRE/WHEEL SET (AIR - 500/70 R24 XMCL)



ART_1001142288_D

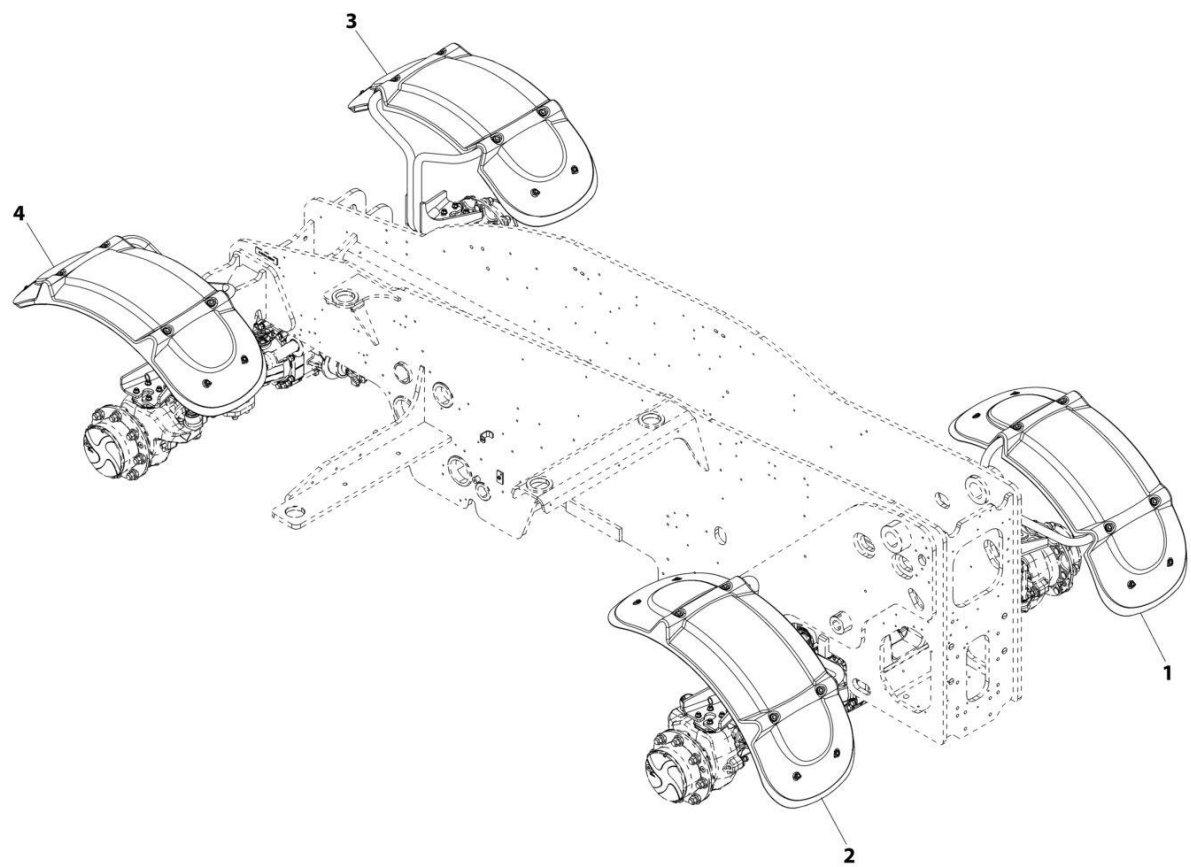
SECTION 5 - DRIVE TRAIN

FIGURE 5-35. 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 5-36. FENDER INSTALLATION



ART_1001248161-A

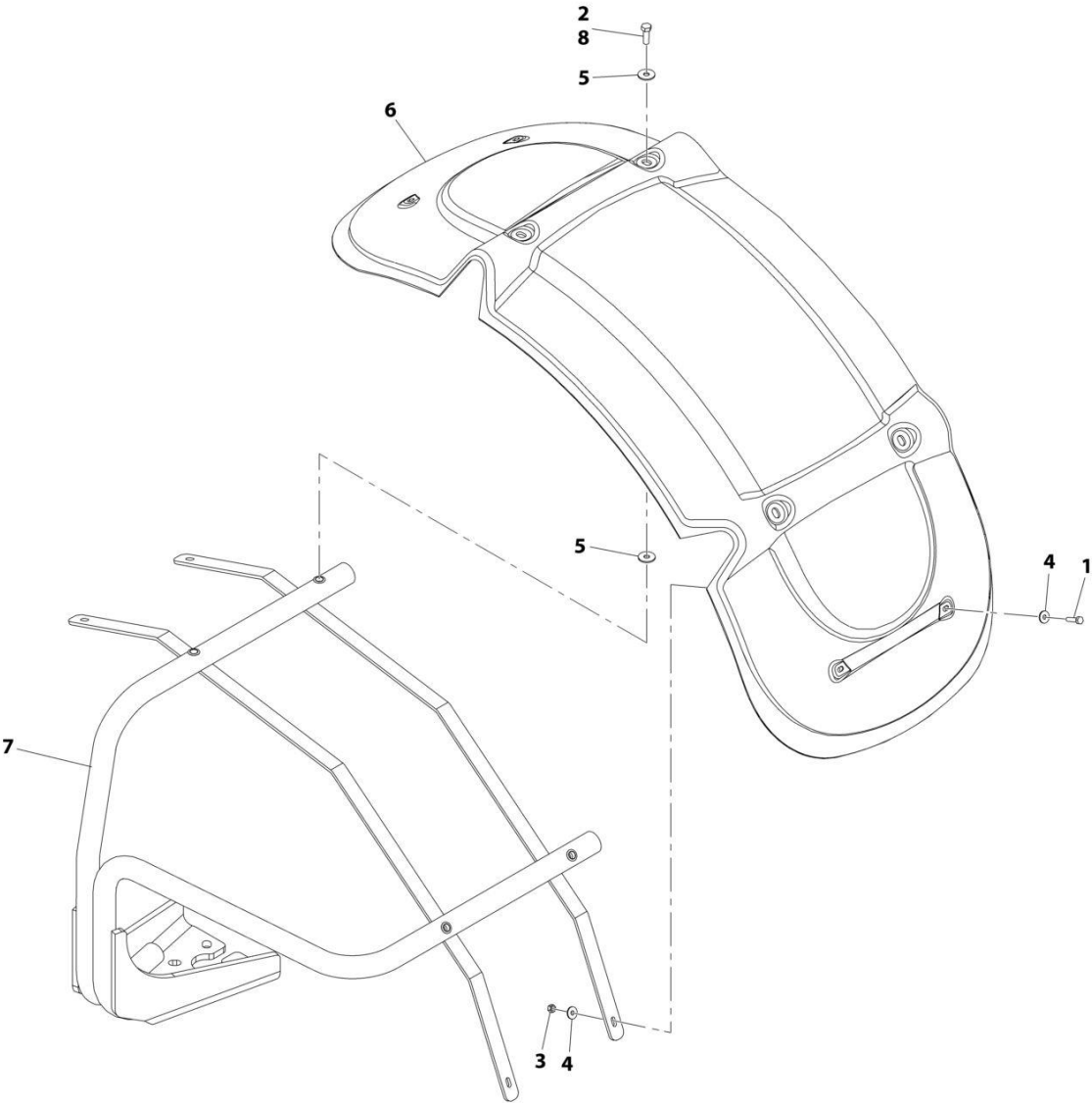
SECTION 5 - DRIVE TRAIN

FIGURE 5-36. 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 5-37. FENDER ASSEMBLY (RR-RH)



ART_1001243433-A

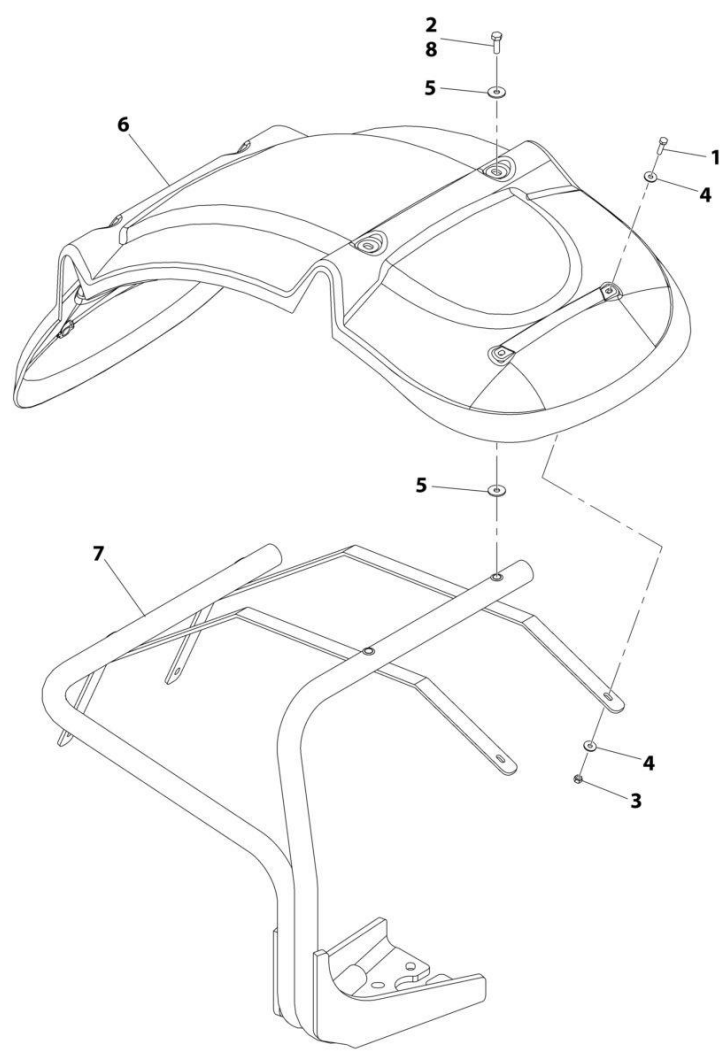
SECTION 5 - DRIVE TRAIN

FIGURE 5-37. 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 5-38. FENDER ASSEMBLY (RR-LH)



ART_1001243435-A

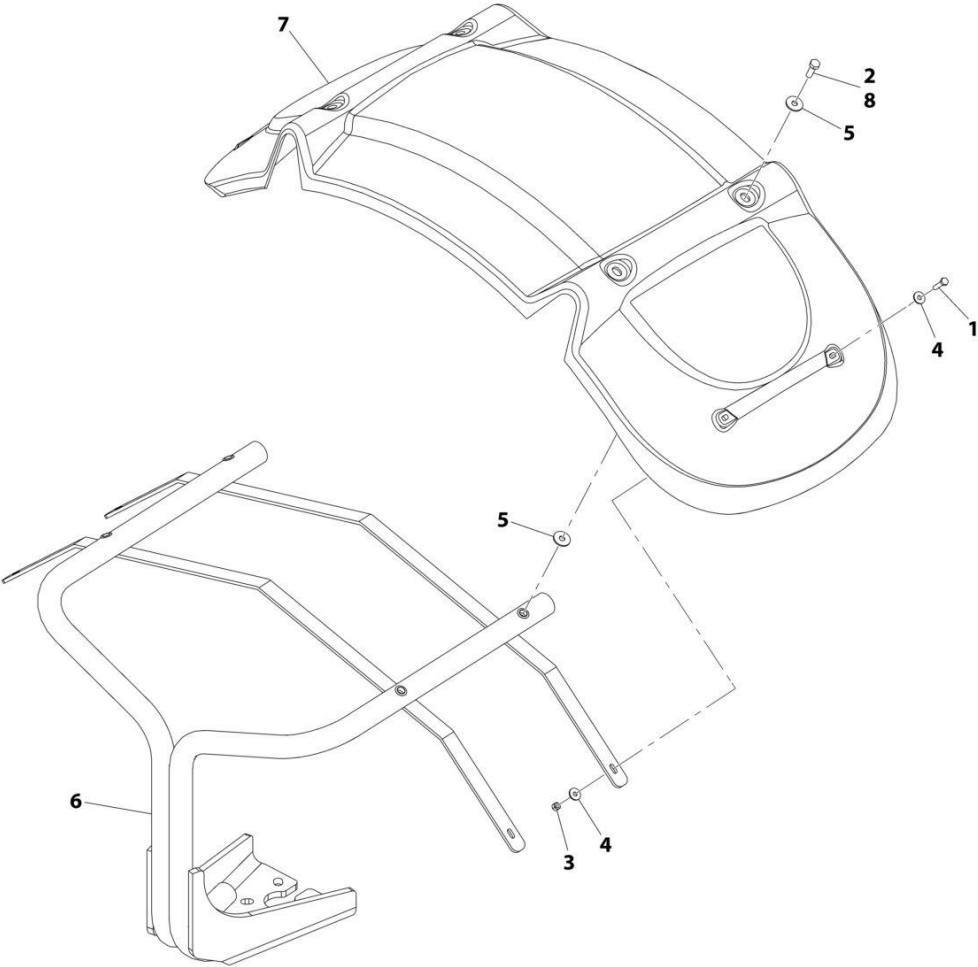
SECTION 5 - DRIVE TRAIN

FIGURE 5-38. 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 5-39. FENDER ASSEMBLY (FRT-RH)



ART_1001250416-A

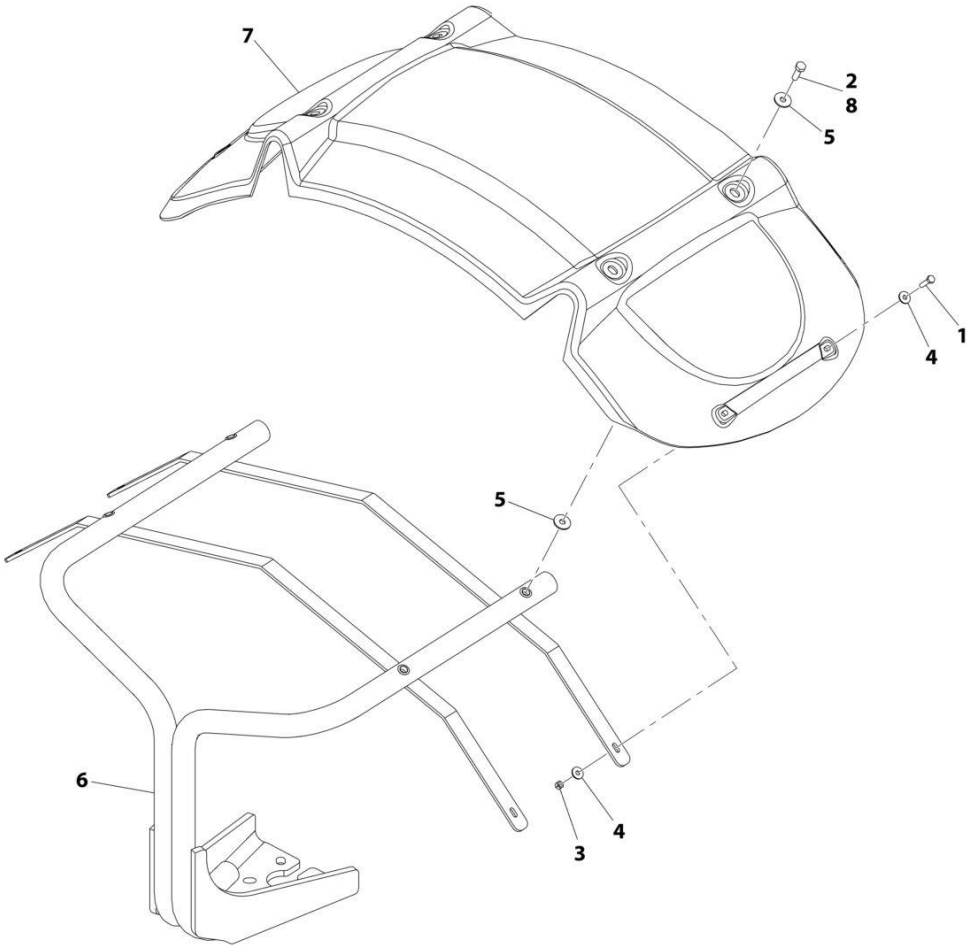
SECTION 5 - DRIVE TRAIN

FIGURE 5-39. 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 5-40. FENDER ASSEMBLY (FRT-LH)



ART_1001250417-A

SECTION 5 - DRIVE TRAIN

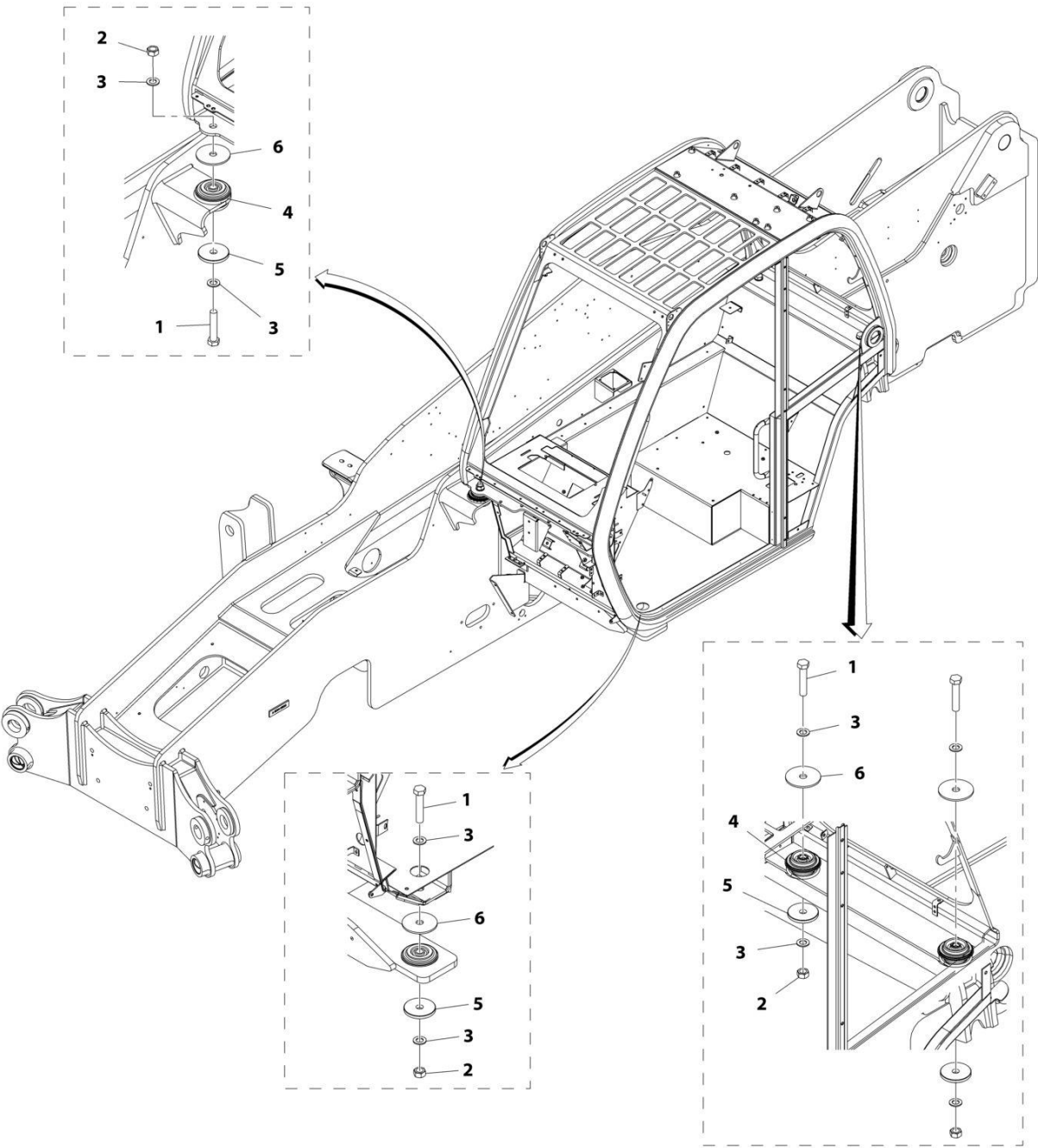
FIGURE 5-40. FENDER ASSEMBLY (FRT-LH)

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



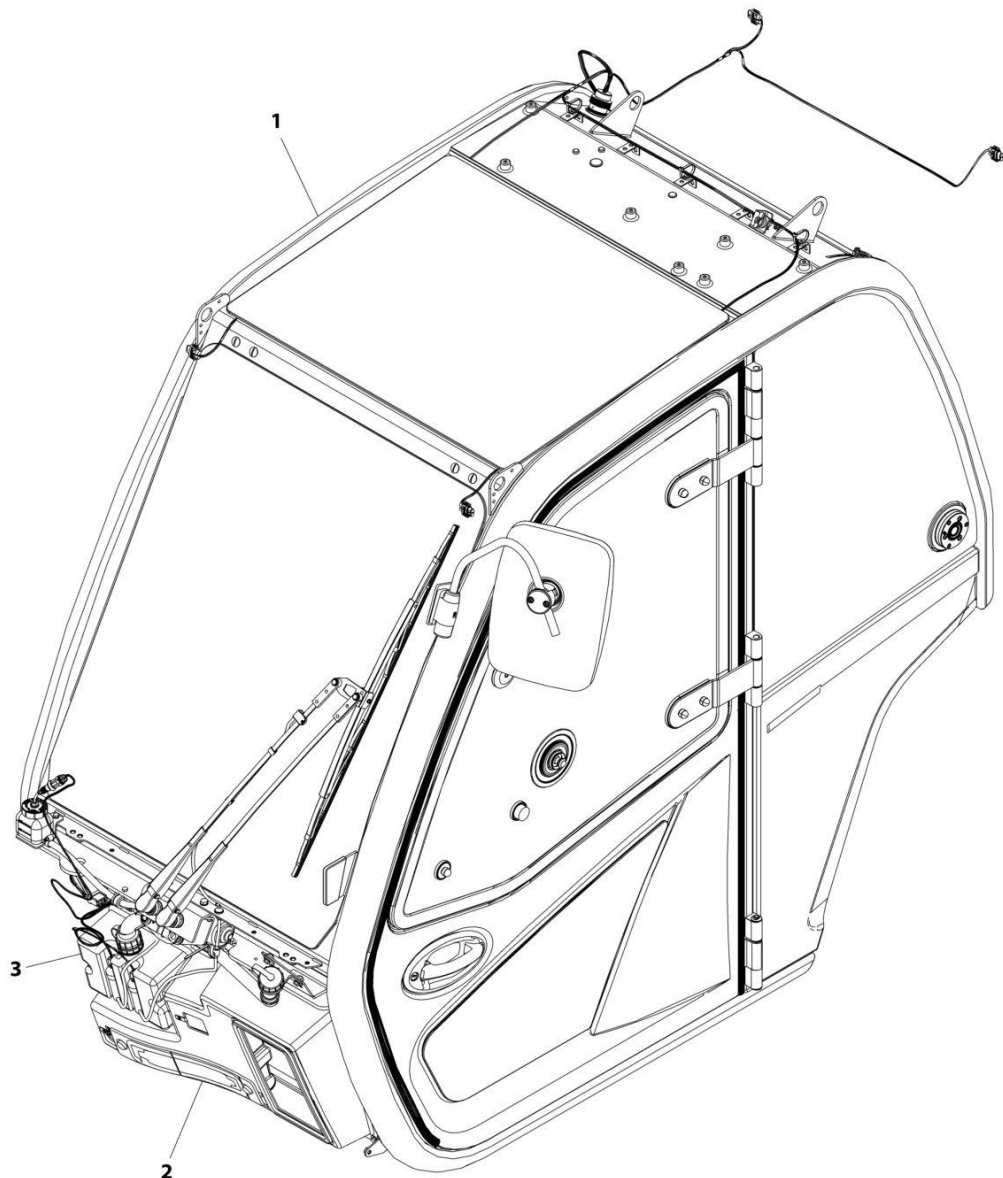
ART_1001155446-E

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



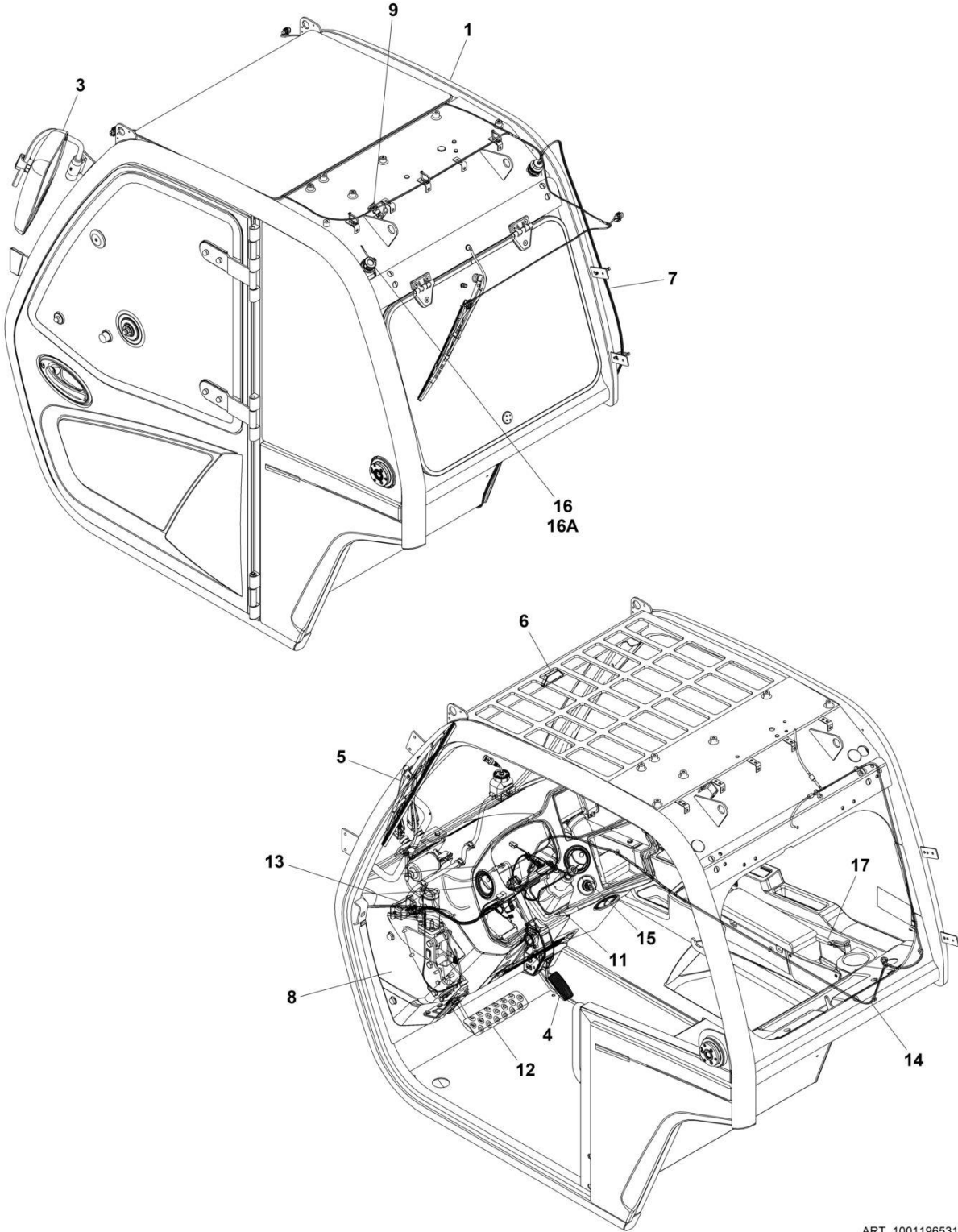
ART_1001202086-D

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



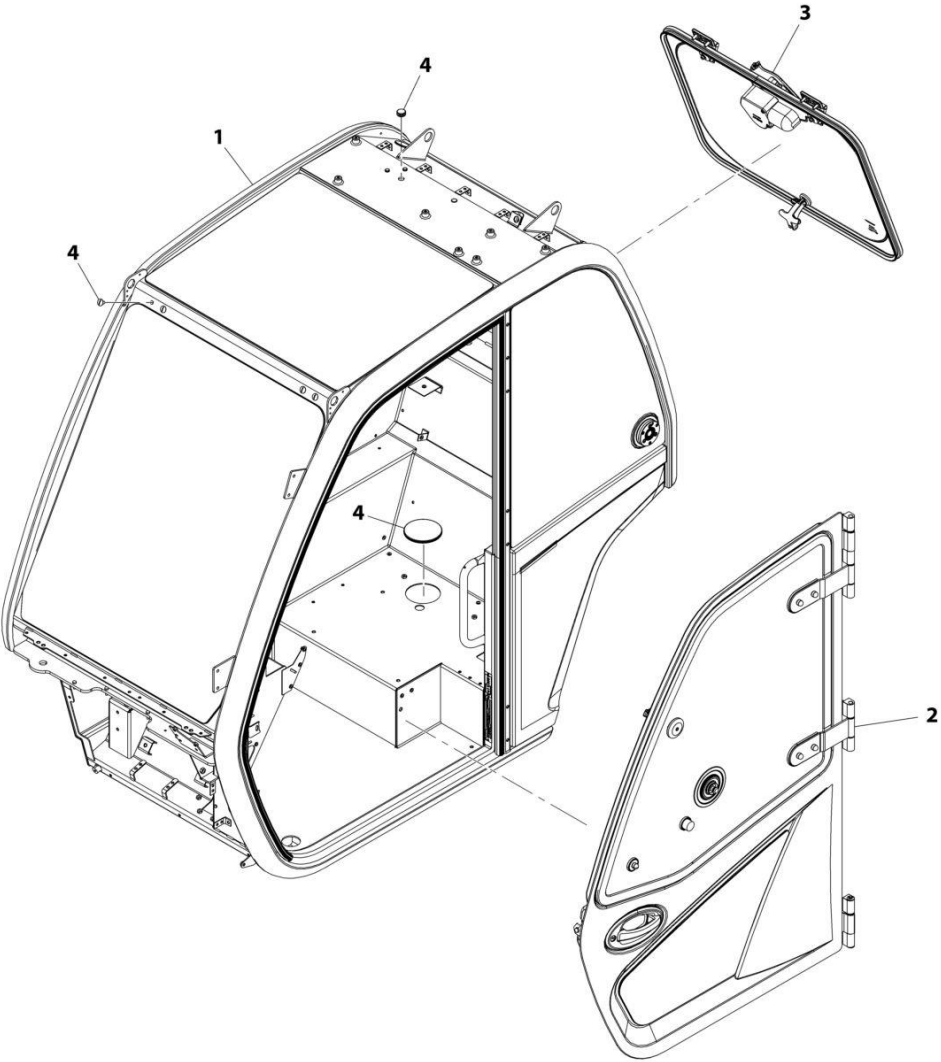
ART_1001196531_AA

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



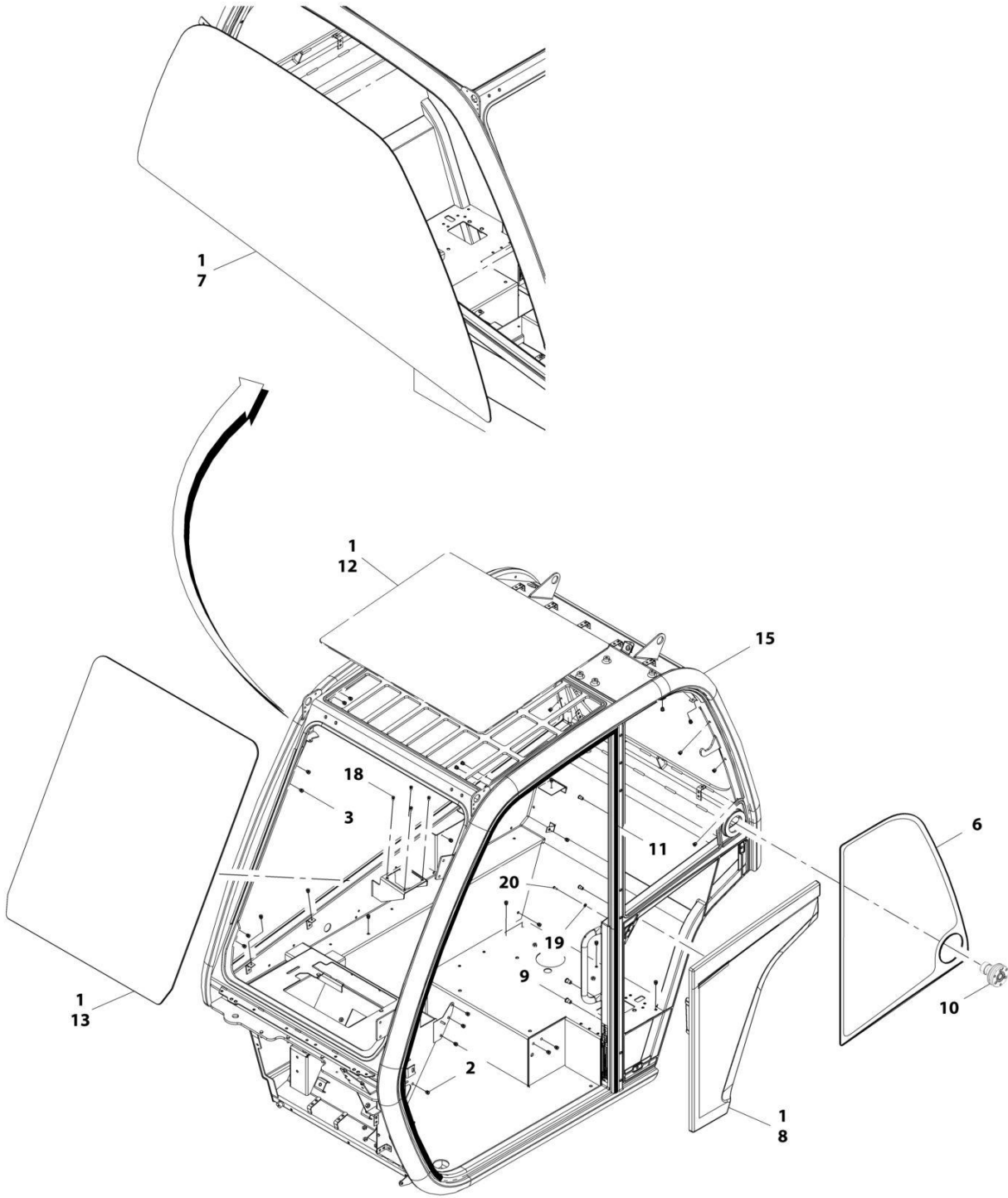
ART_1001168152

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)	

SECTION 6 - CAB

FIGURE 6-5. ENCLOSED CAB



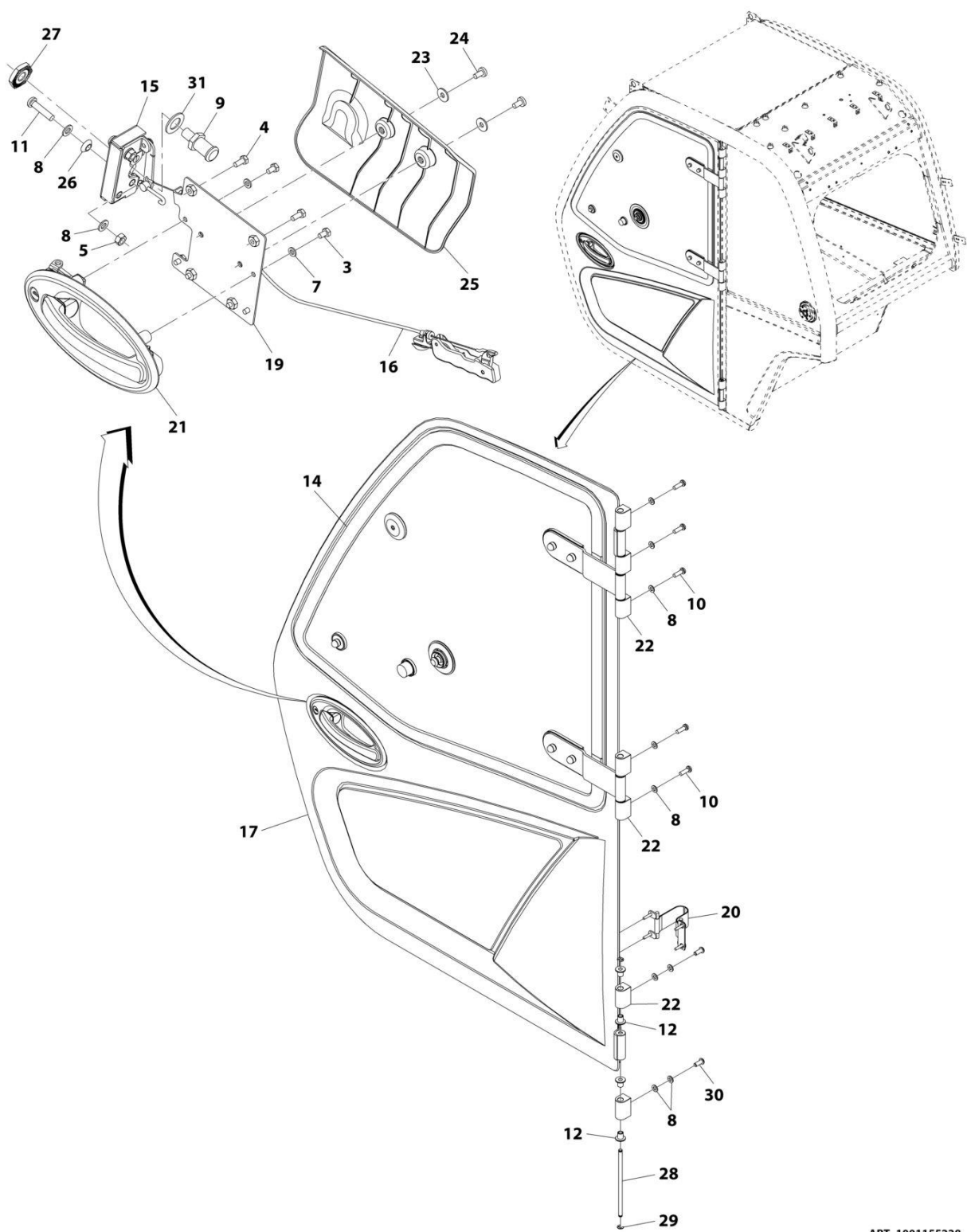
ART_1001173641_I

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



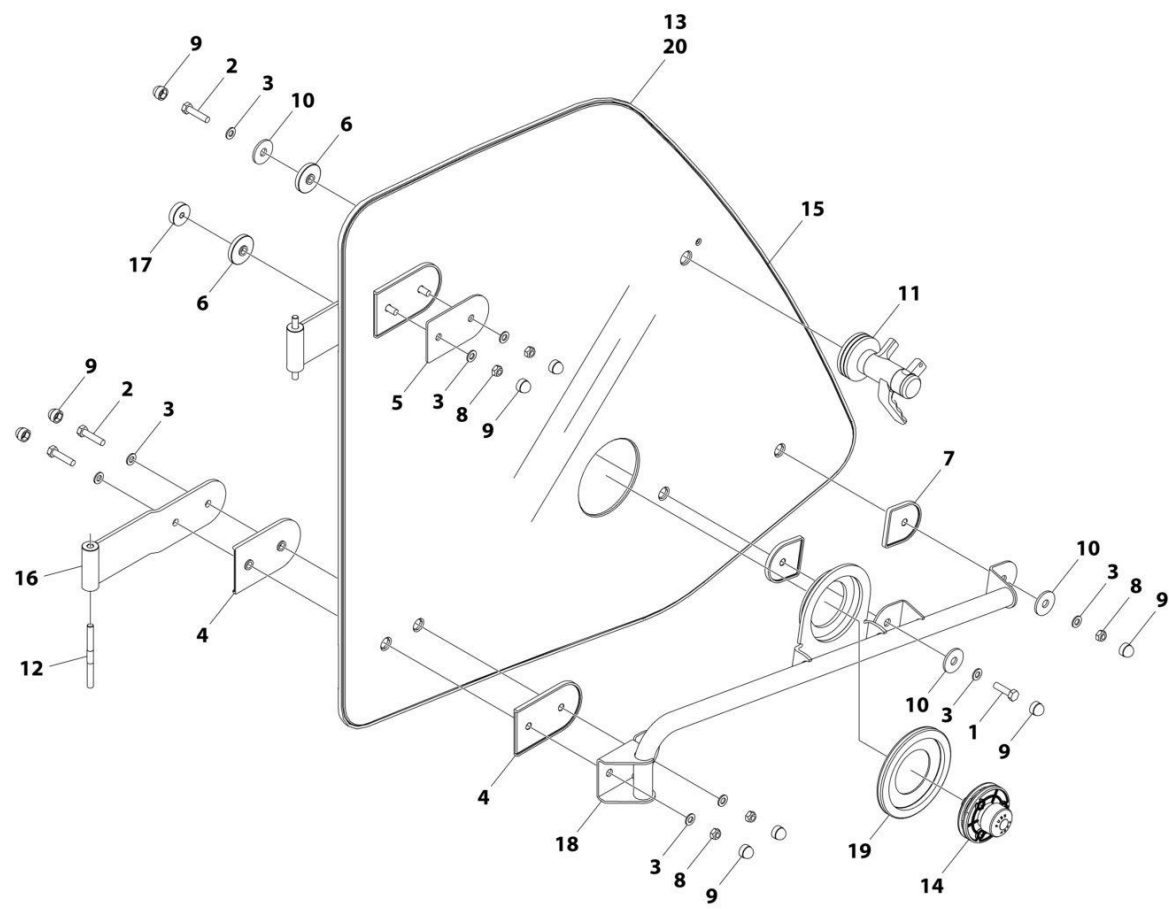
ART_1001155228

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

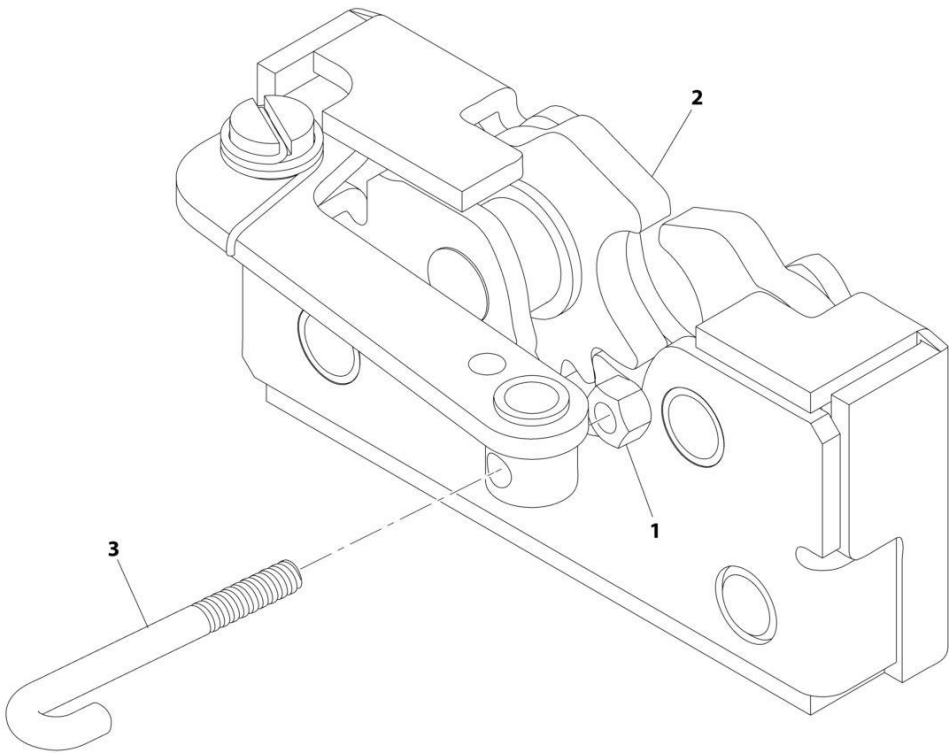


ART_1001205532

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



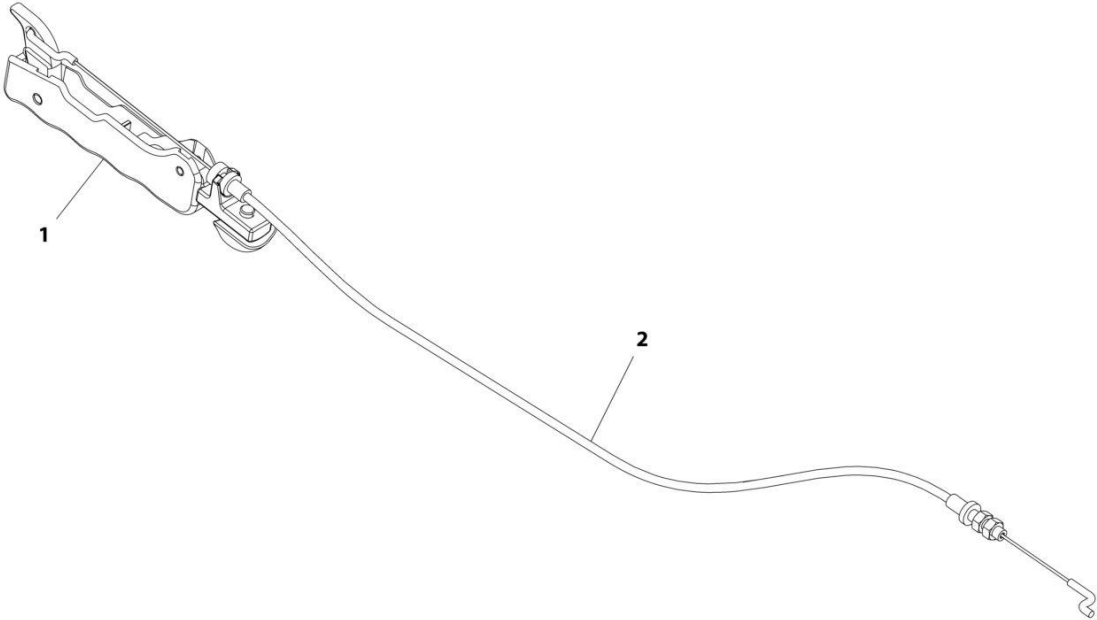
ART_1001192766-B

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



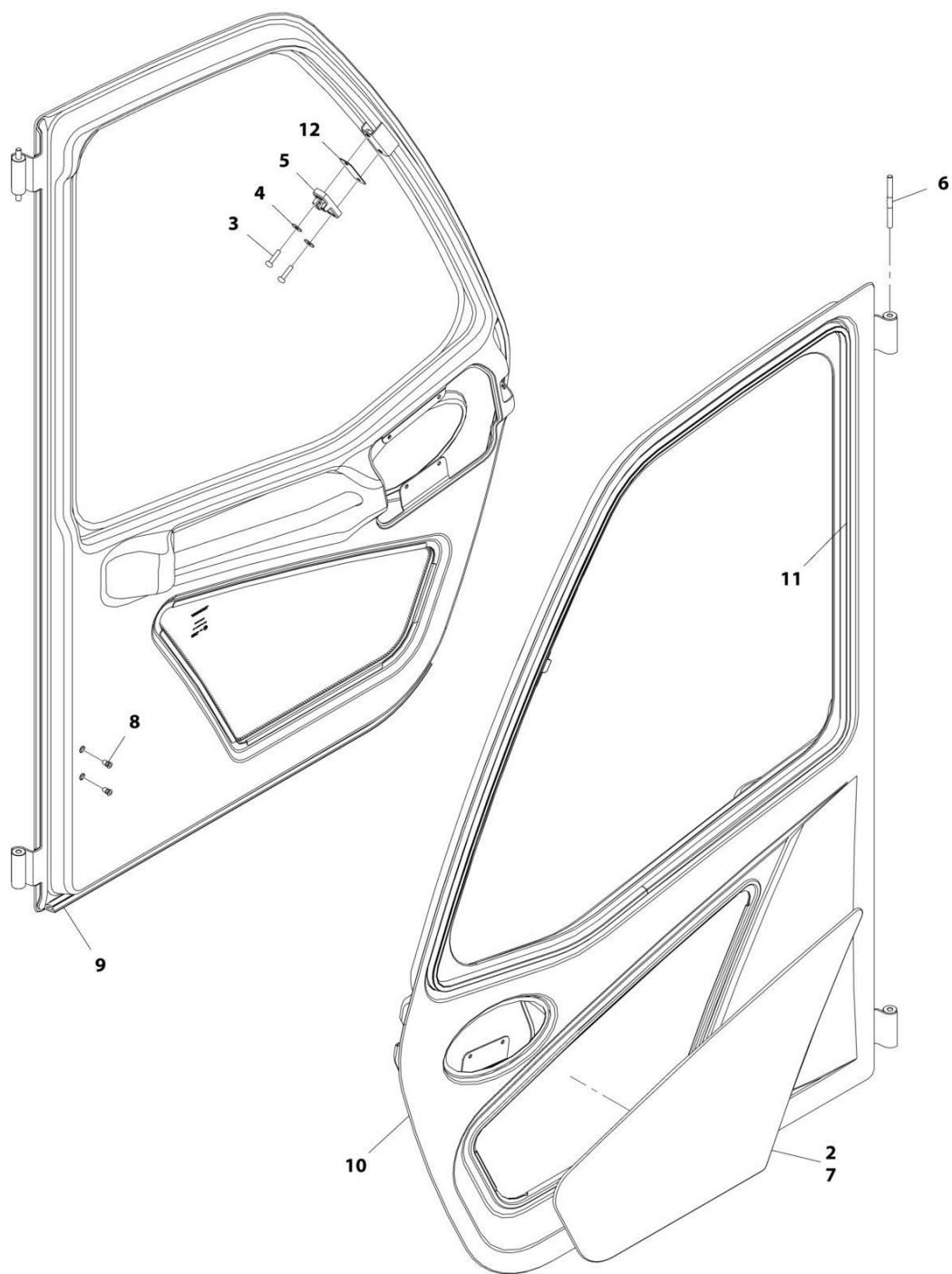
ART_1001167958-E

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)

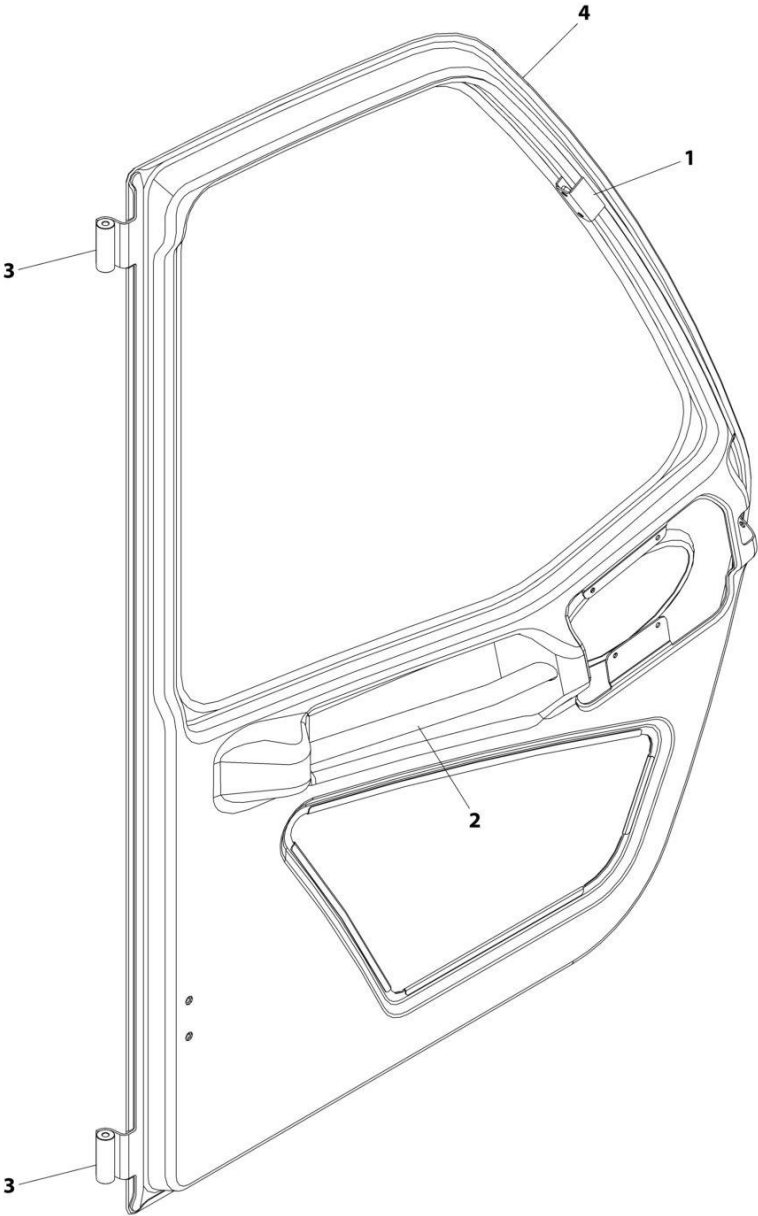


ART_1001170114

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



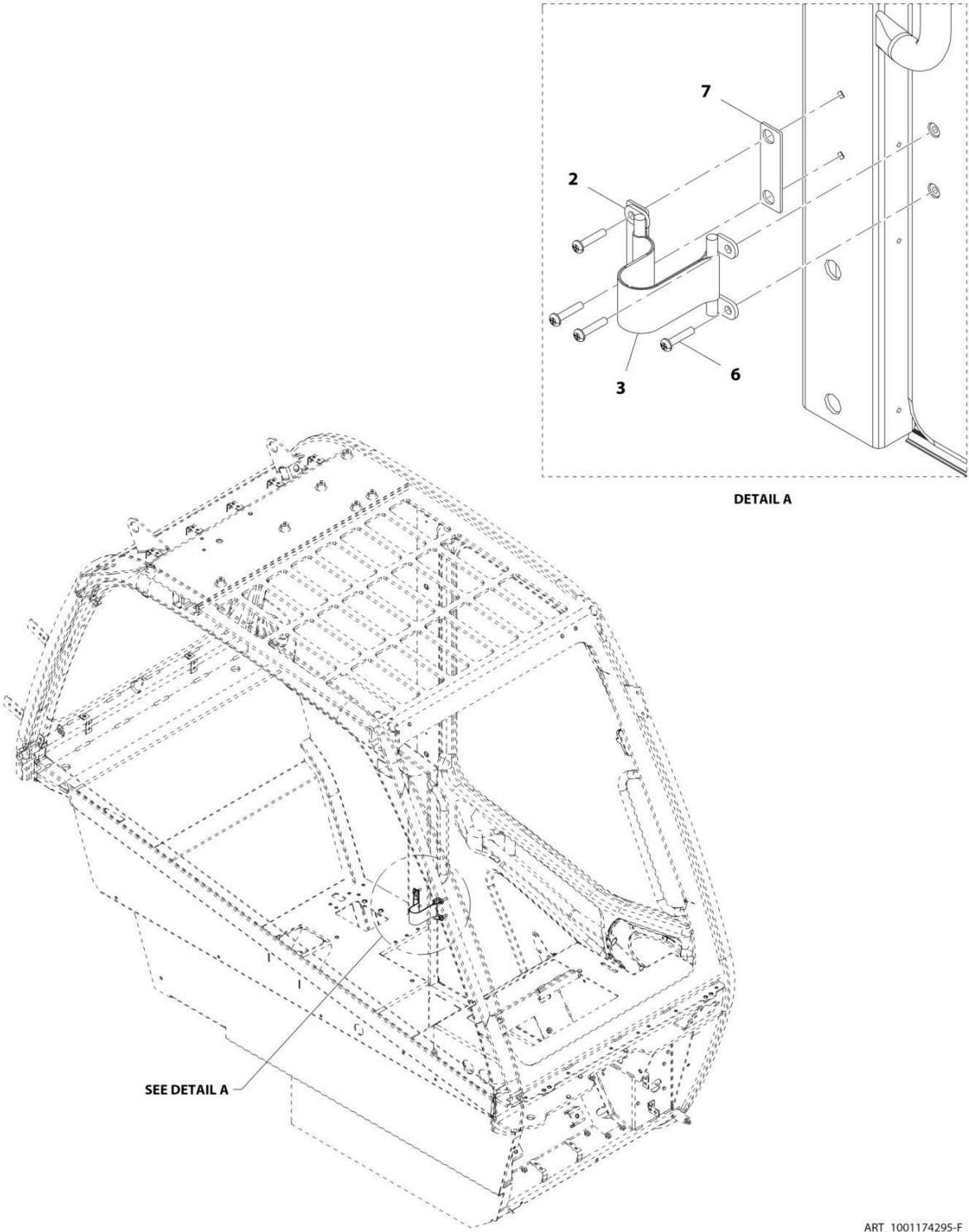
ART_1001170113-E

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



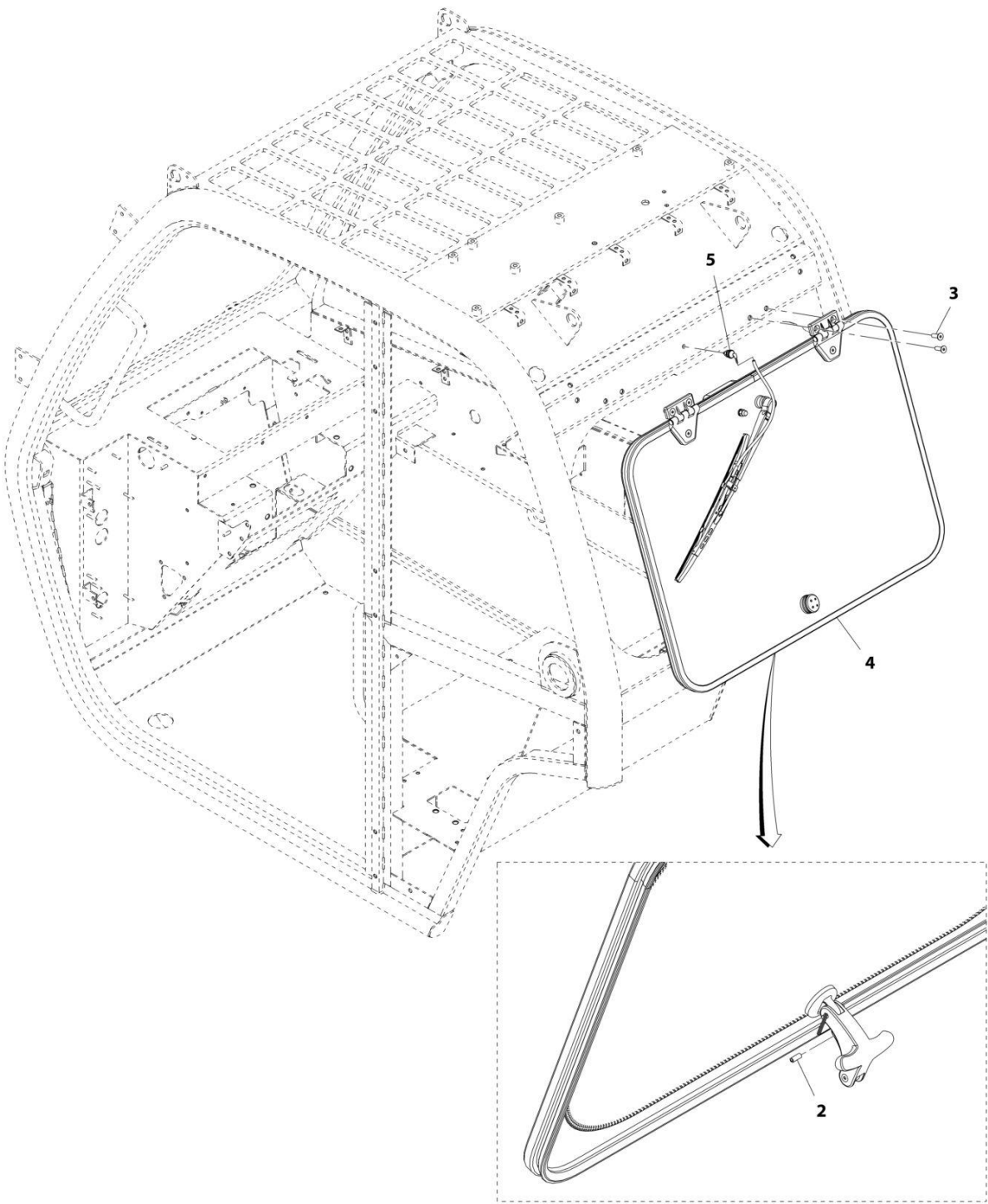
ART_1001174295-F

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



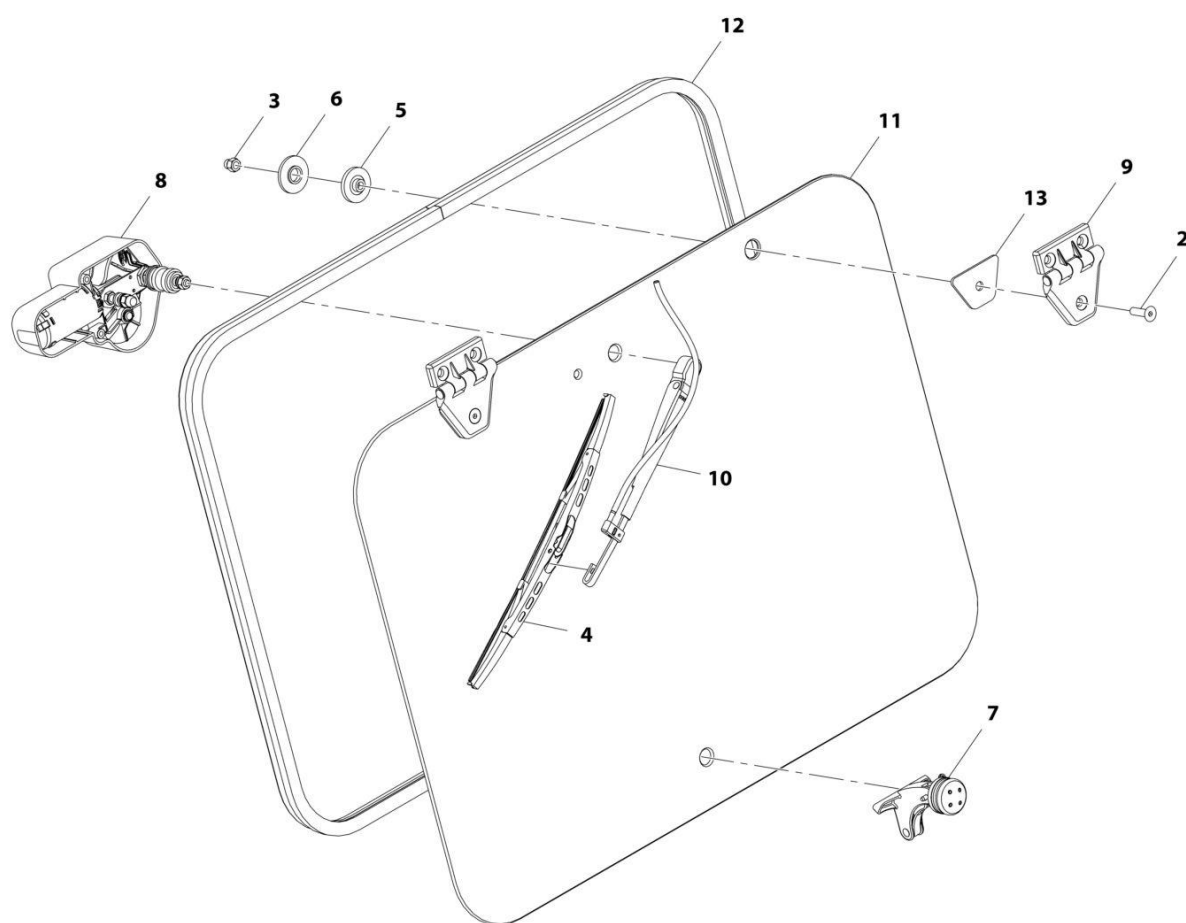
ART_1001178678-C

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



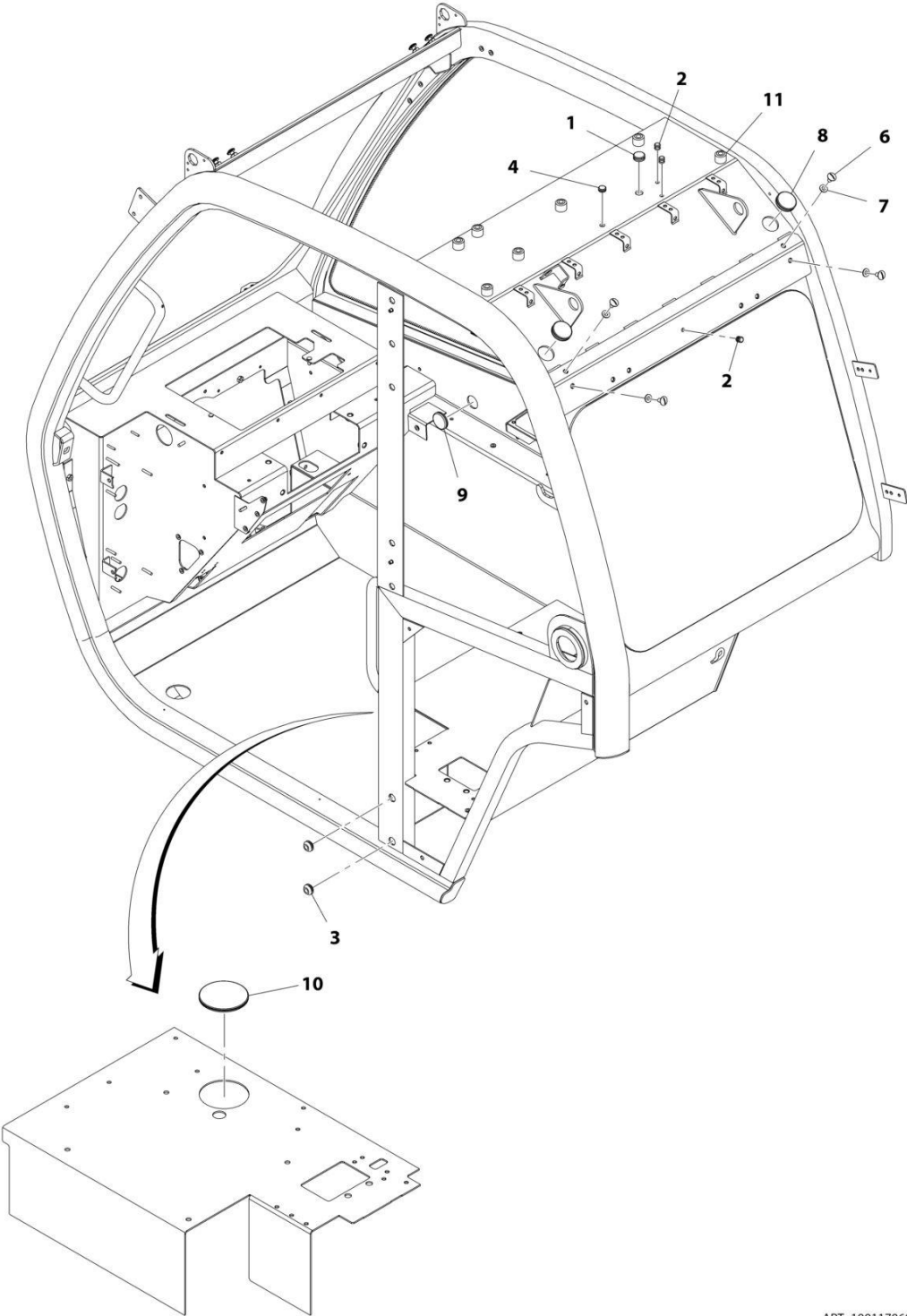
ART_1001178679-C

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



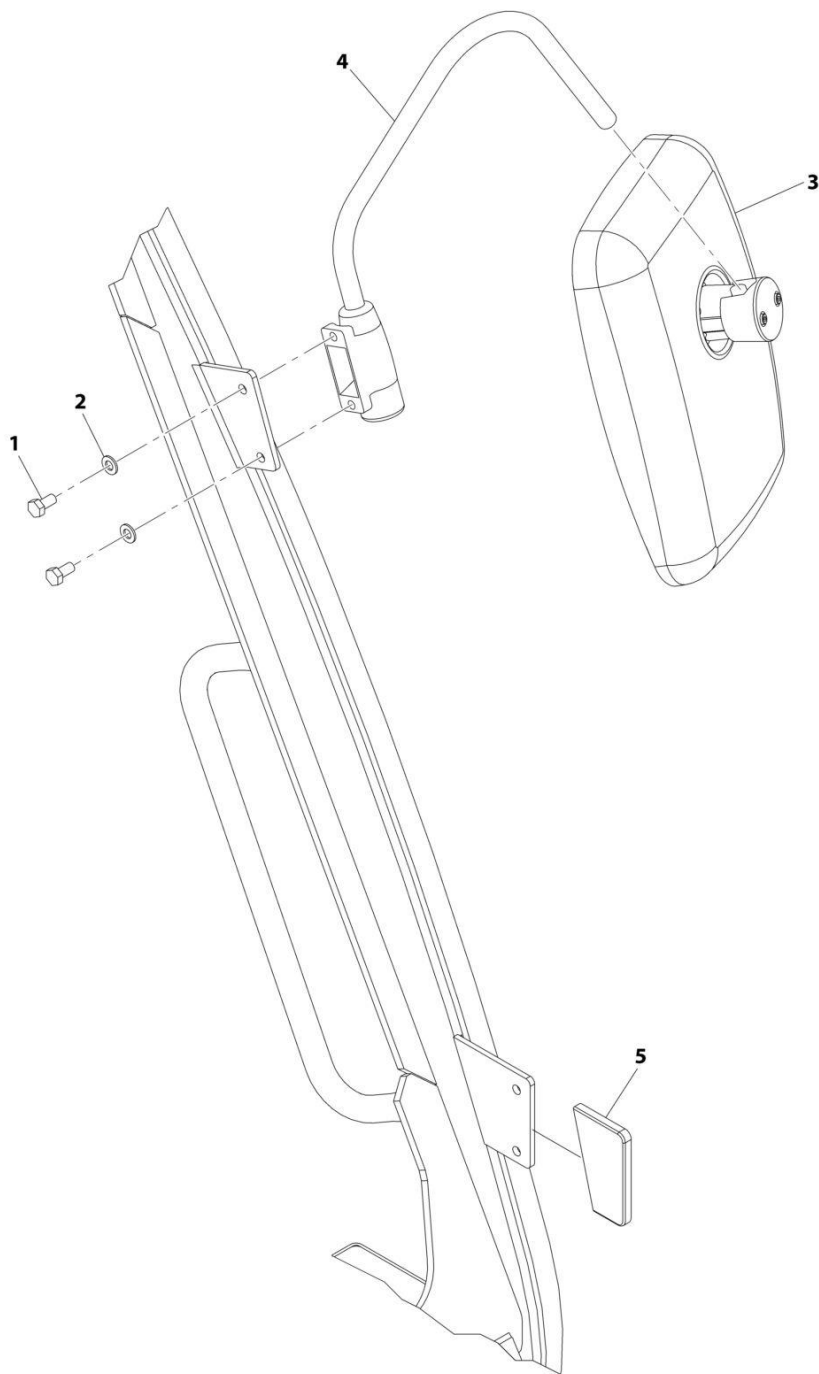
ART_1001170603-E

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



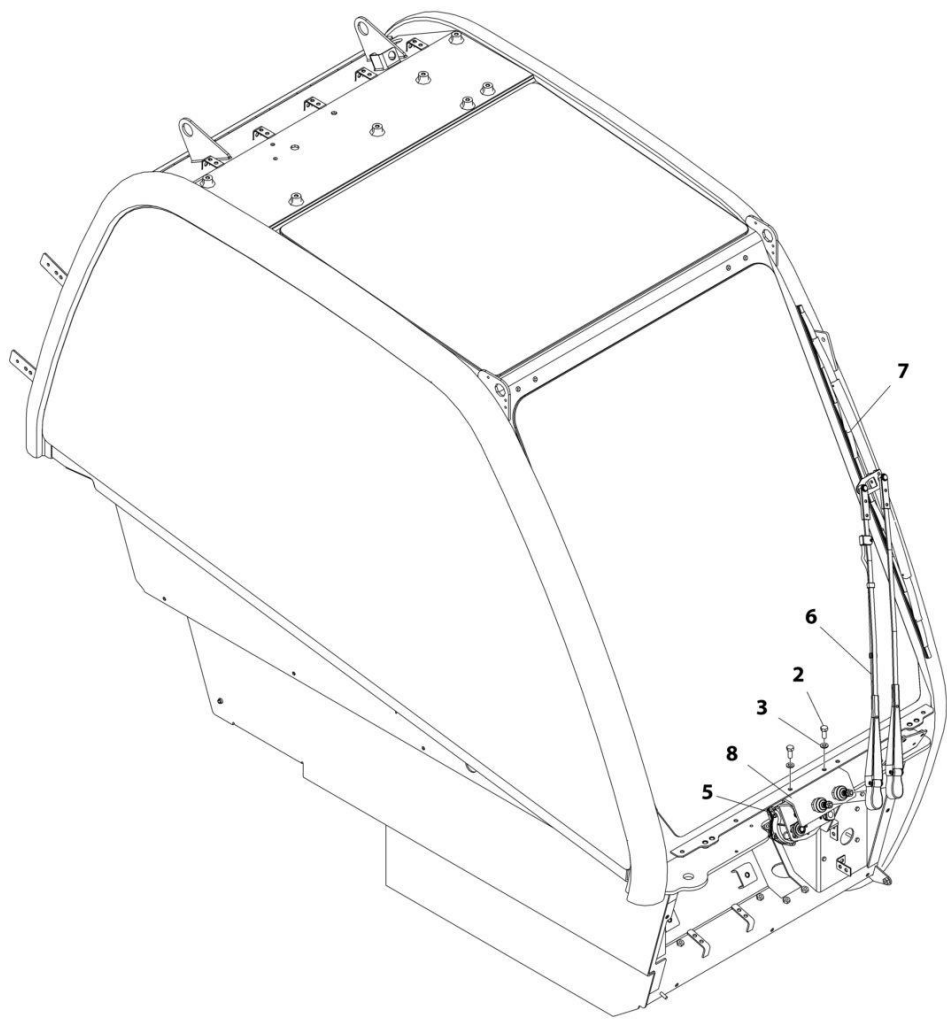
ART_1001230435-A

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



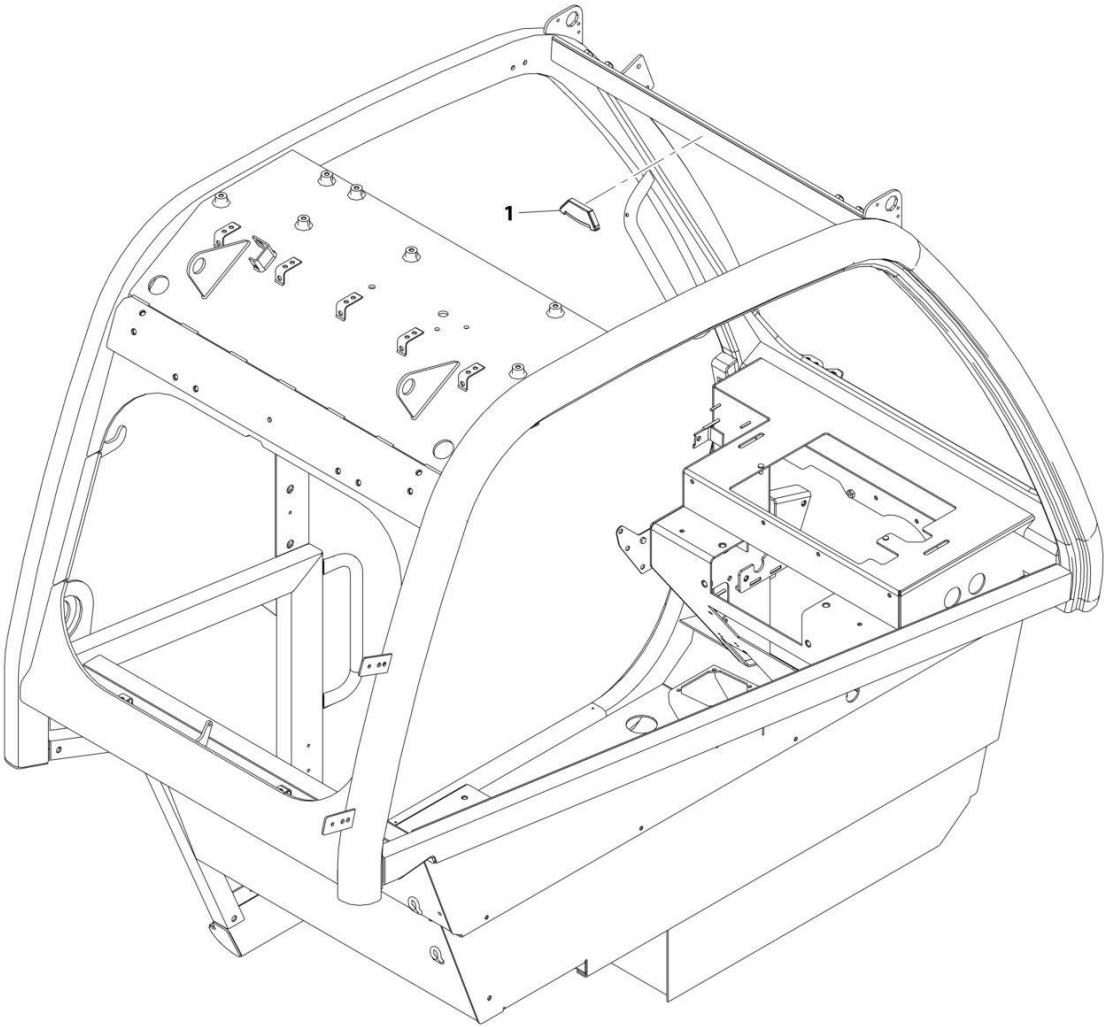
ART_1001155447-G

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



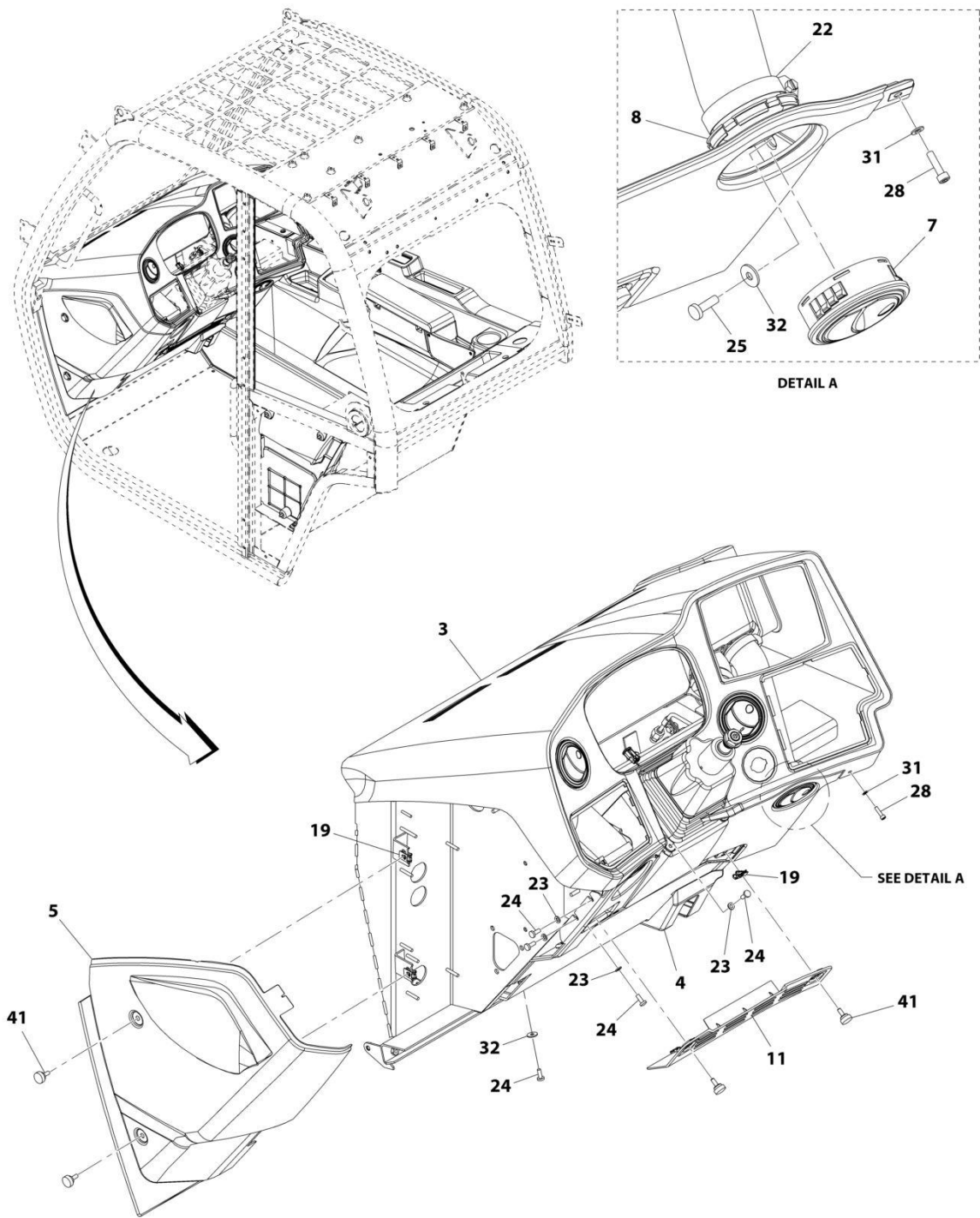
ART_1001172401-C

FIGURE 6-18. LEVEL INDICATOR INSTALLATION

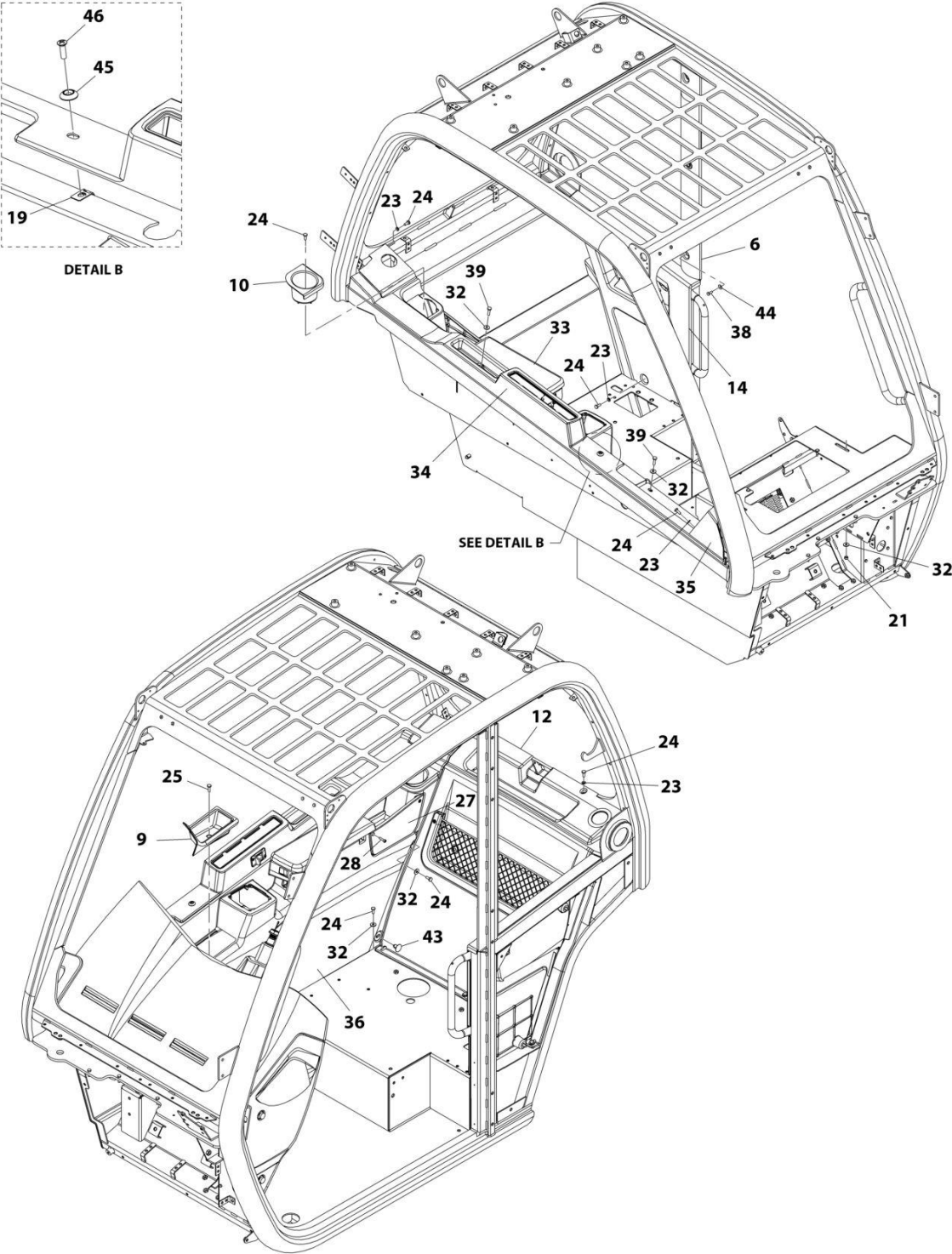
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001172401 8466306	Ref 1	Level Indicator Installation Gauge, Tilt Angle	C

SECTION 6 - CAB

FIGURE 6-19. ENCLOSED CAB TRIM INSTALLATION



ART_1001167981_1-N



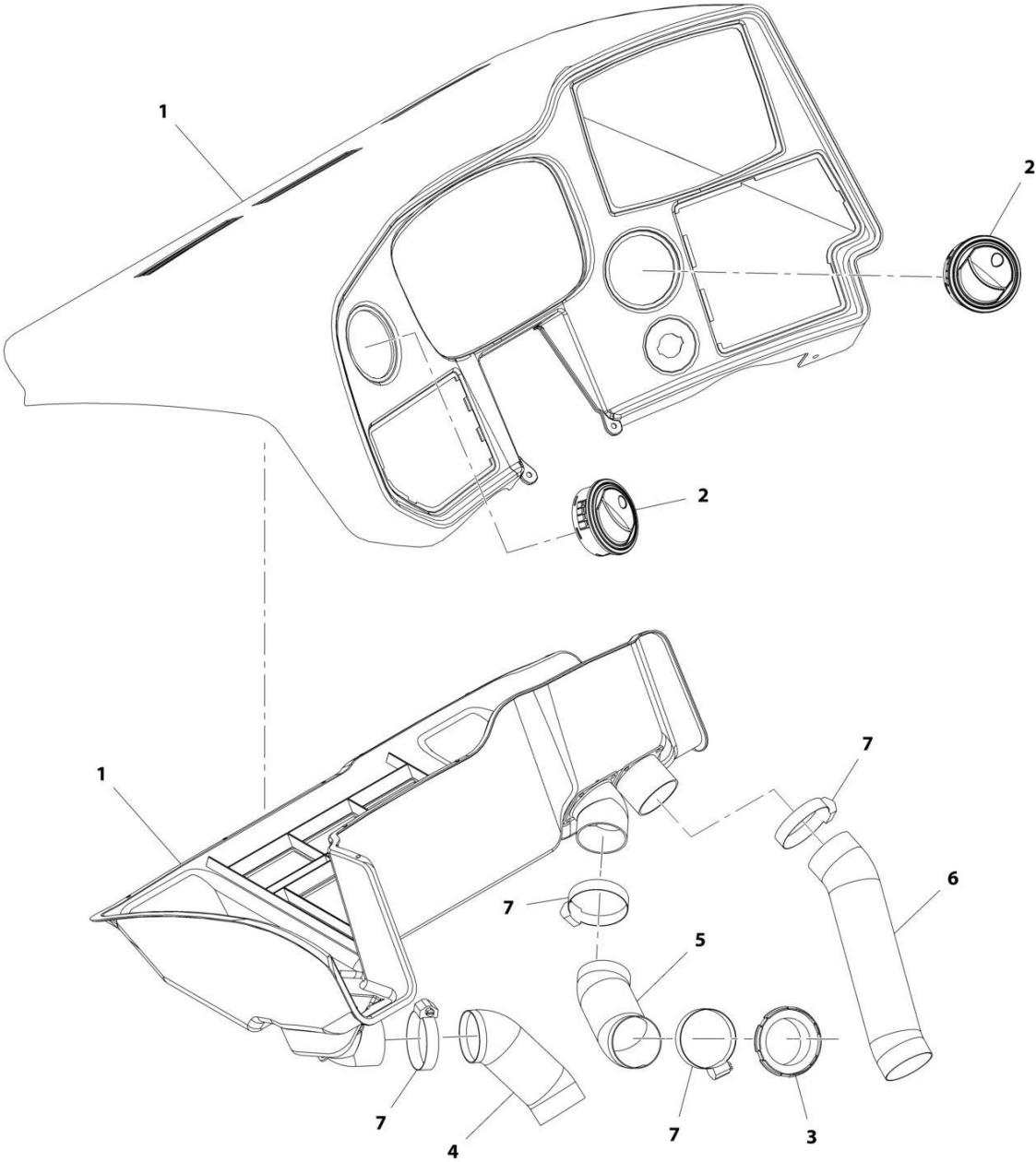
ART_1001167981_2-N

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



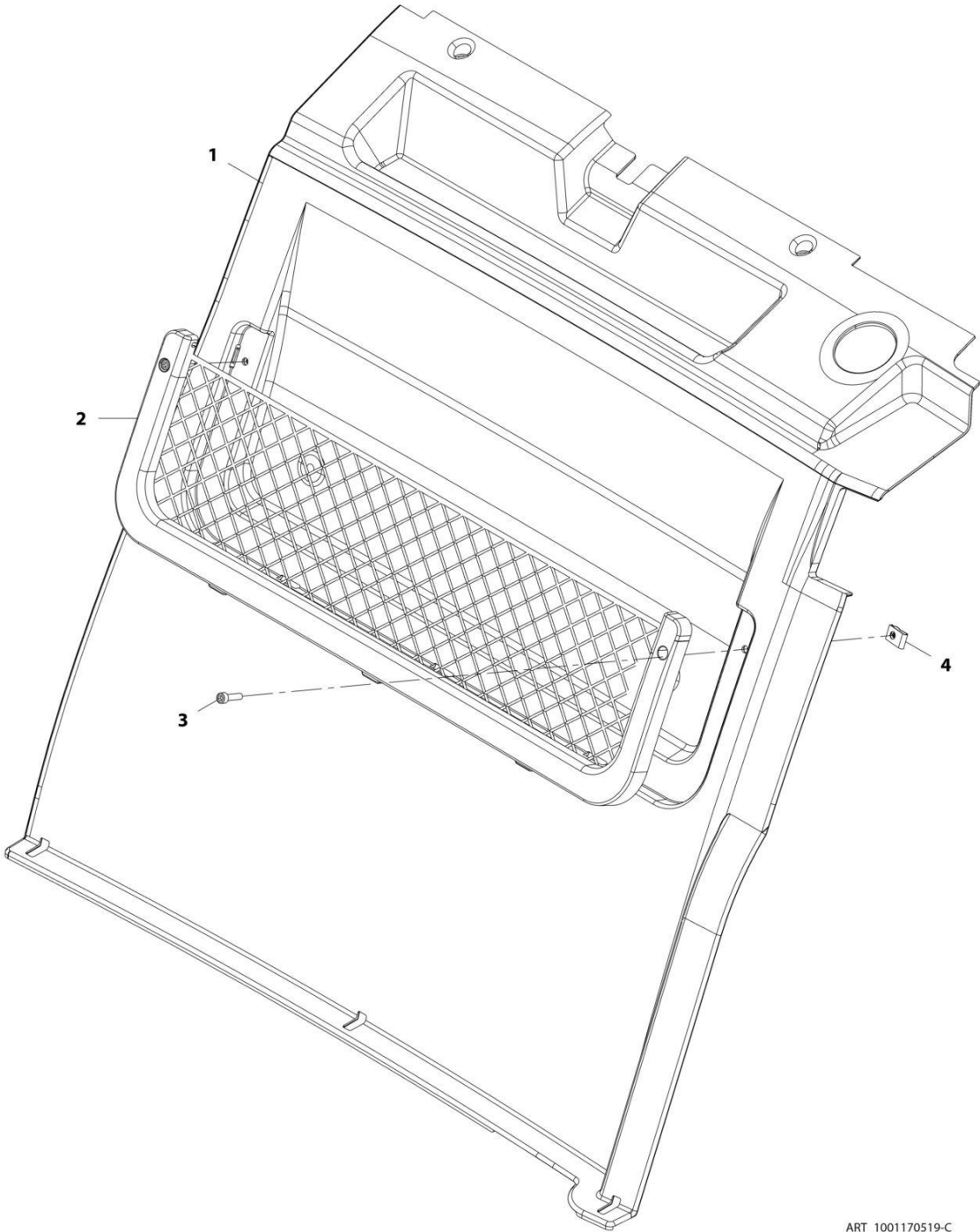
ART_1001169604-B

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 (Prior to SN 0160112883)

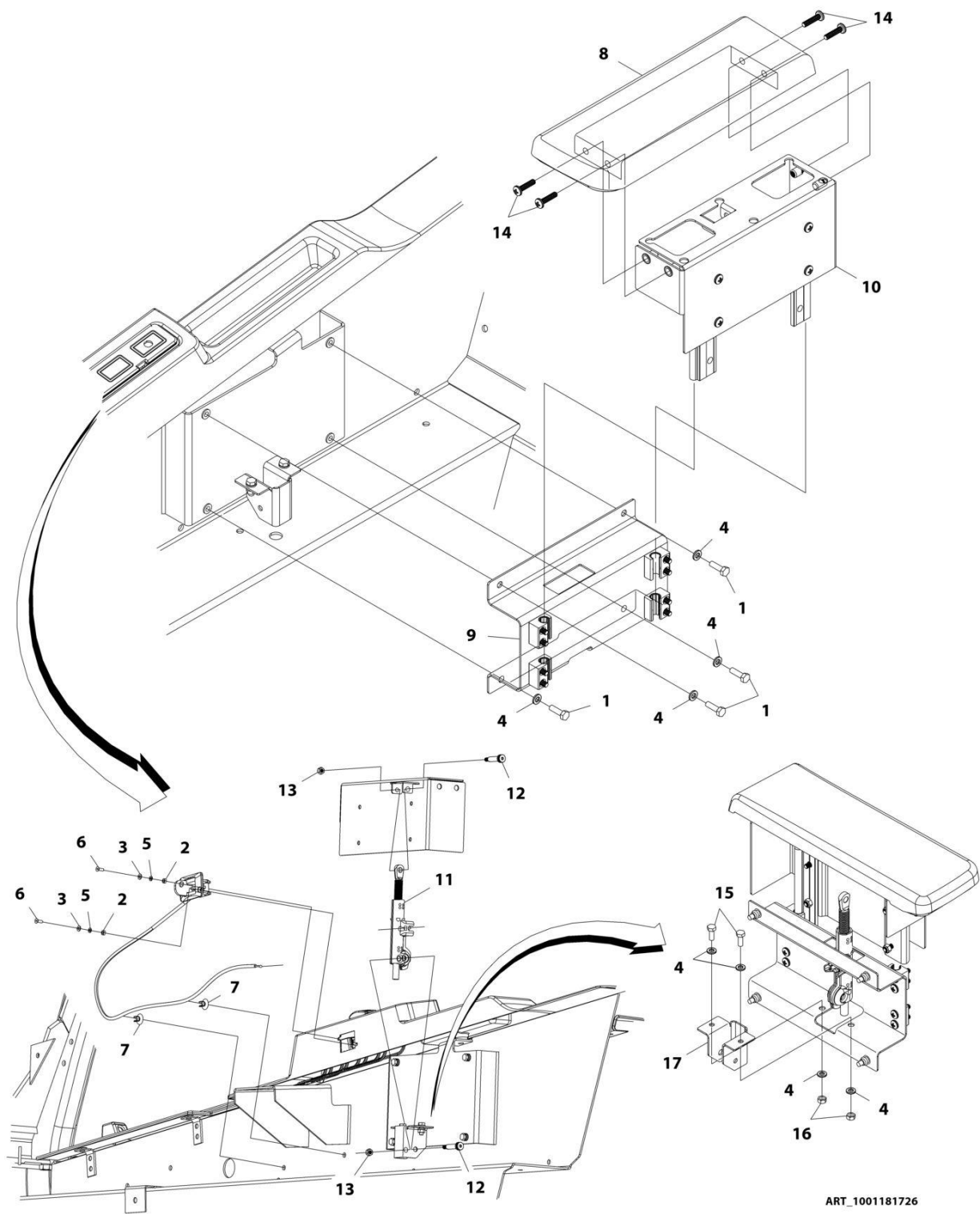
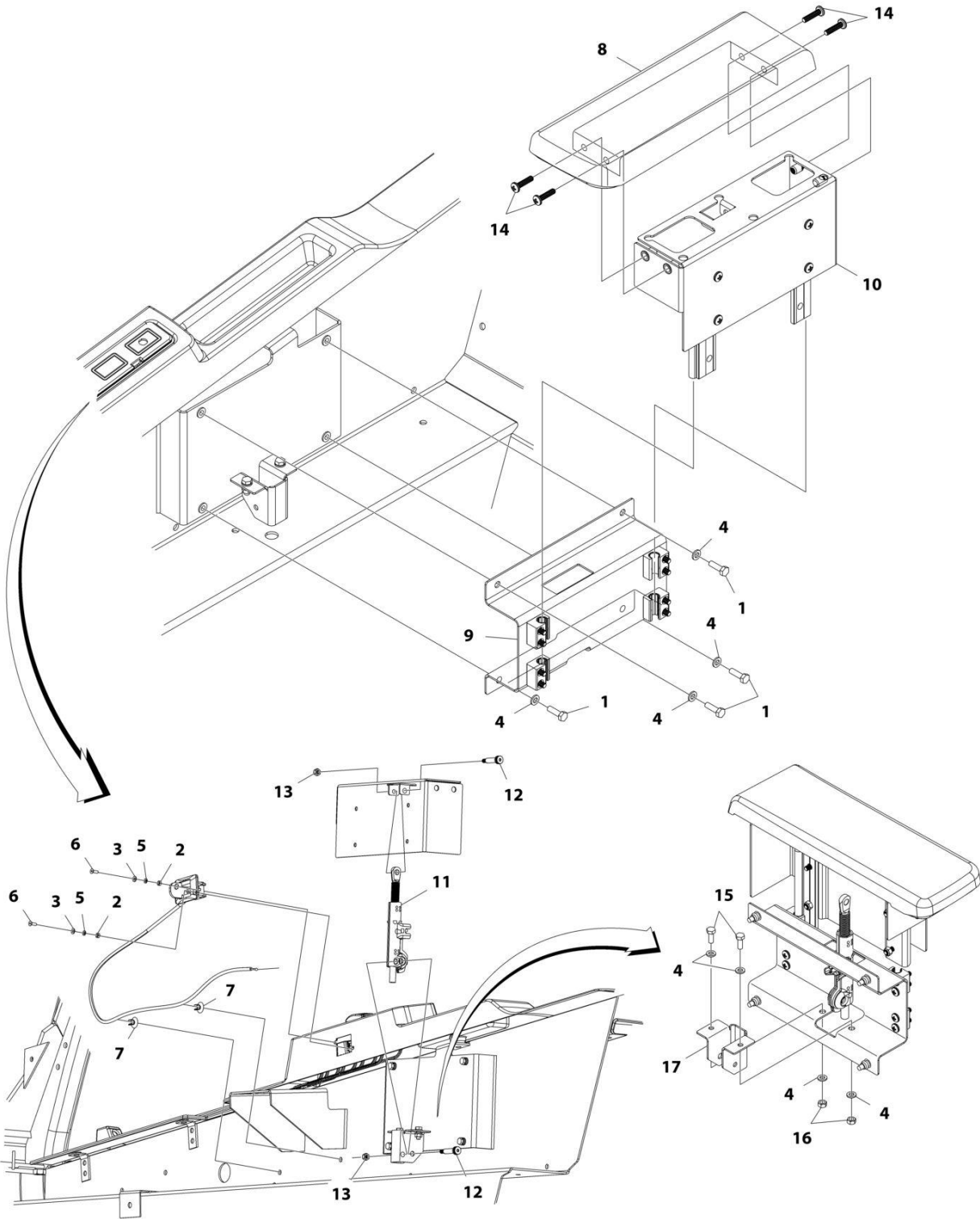


FIGURE 6-22. ADJUSTABLE ARMREST INSTALLTION (Prior to SN 0160112883)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181726	Ref	Adjustable Armrest Installation	F
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	4	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	1001191285	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	

SECTION 6 - CAB

FIGURE 6-23. ADJUSTABLE ARMREST INSTALLTION (SN 0160112883 to Present)

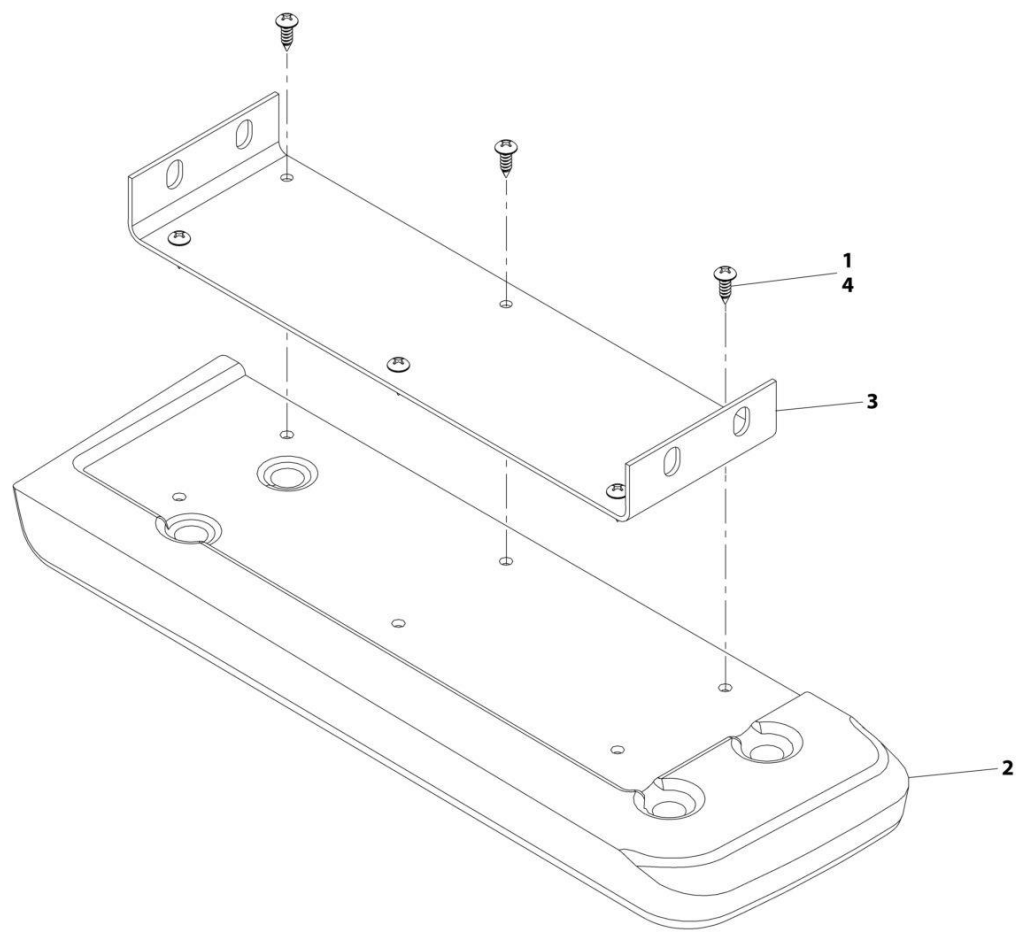


ART_1001181726_G

FIGURE 6-23. ADJUSTABLE ARMREST INSTALLTION (SN 0160112883 to Present)

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 6-24. ARMREST



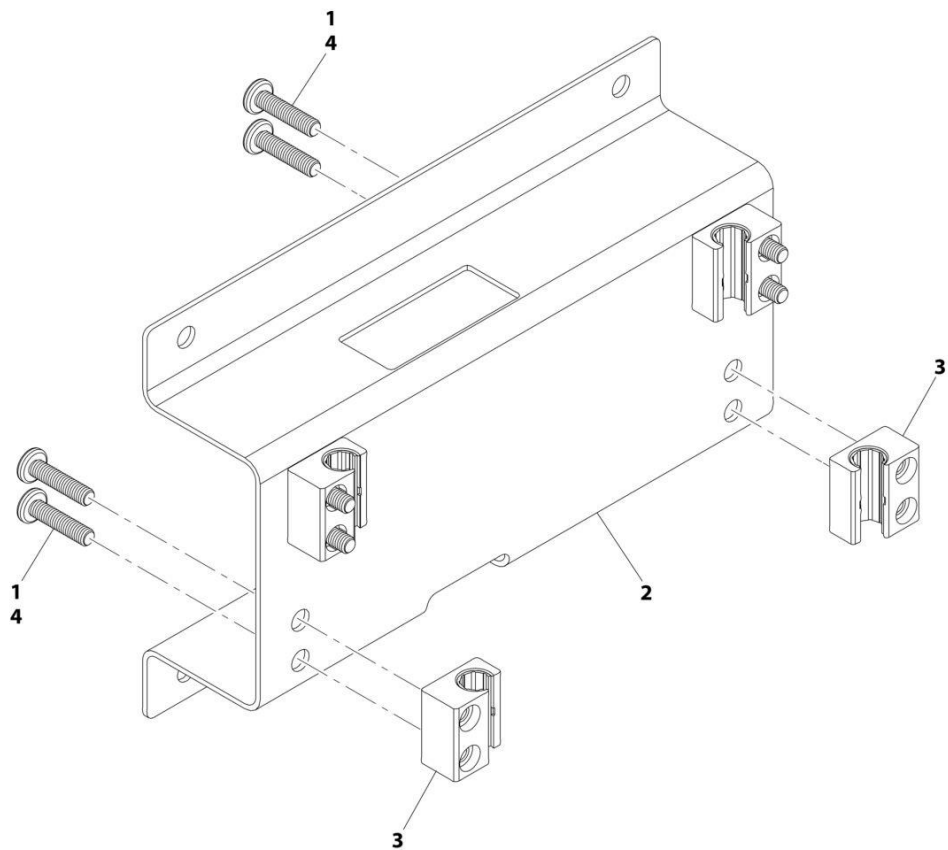
ART_1001191281

FIGURE 6-24. 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 6-25. FIXED ARMREST BRACKET



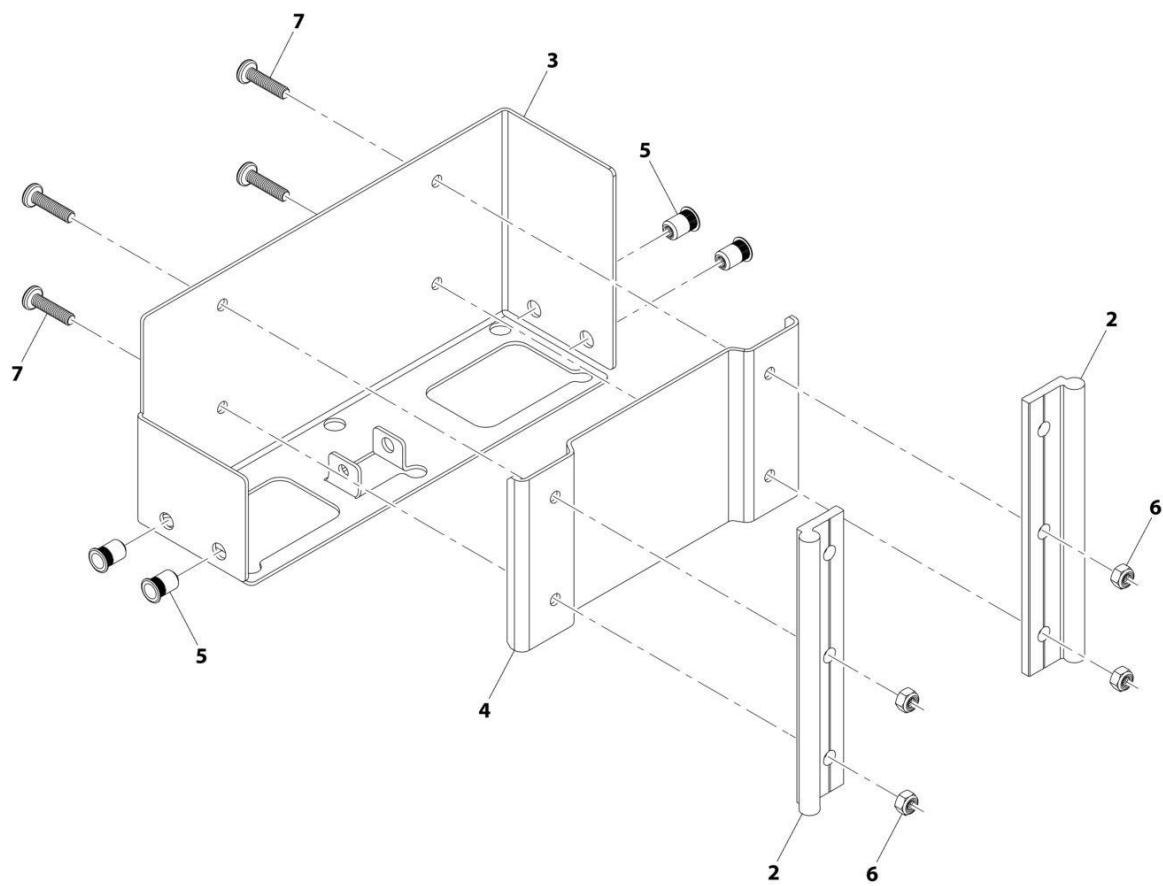
ART_1001191283-B

FIGURE 6-25. 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 6-26. MOVING ARMREST BRACKET



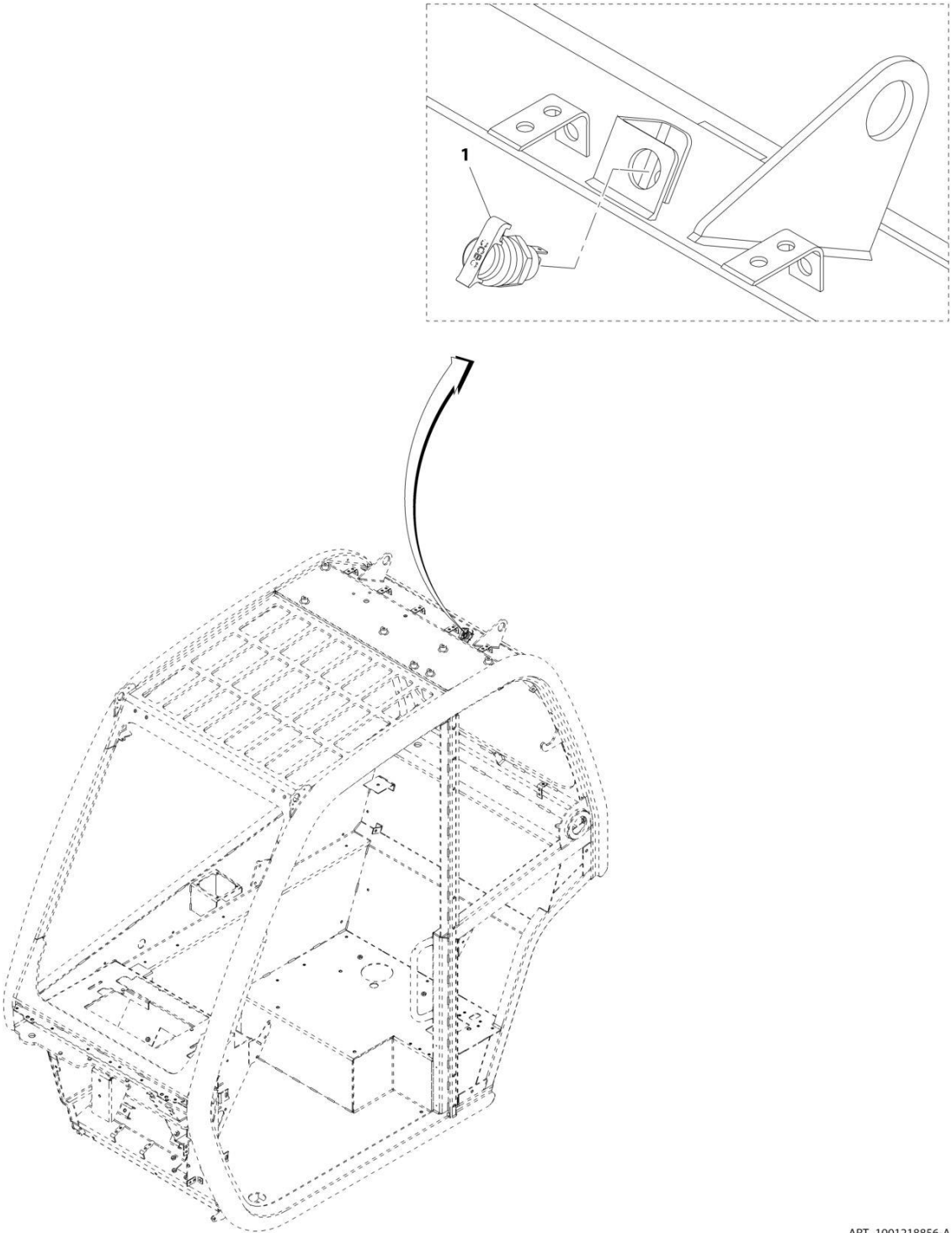
ART_1001191284-B

FIGURE 6-26. 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 6-27. BEACON TERMINAL INSTALLATION



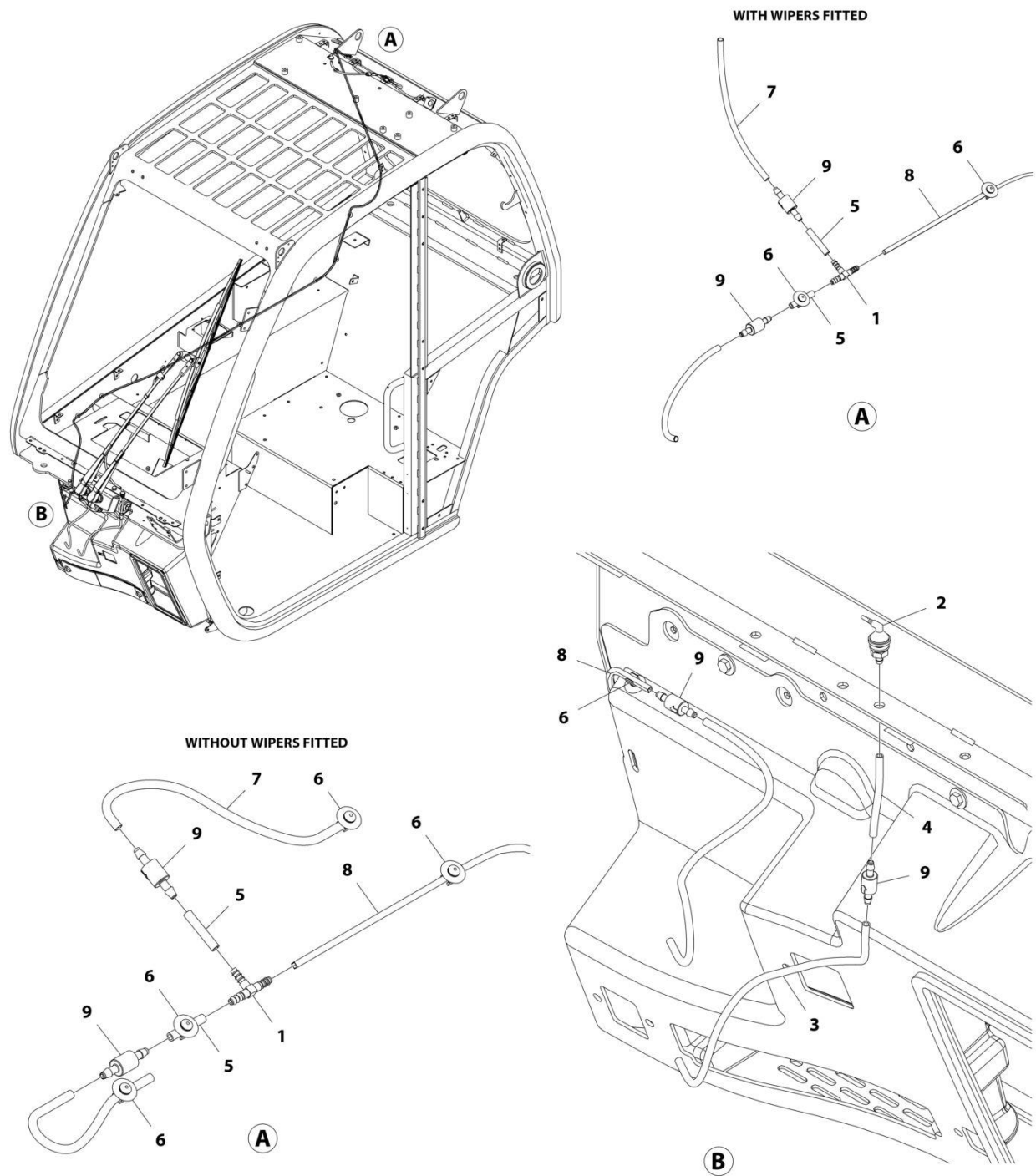
ART_1001218856-A

FIGURE 6-27. 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 6-28. WASHER HOSES INSTALLATION



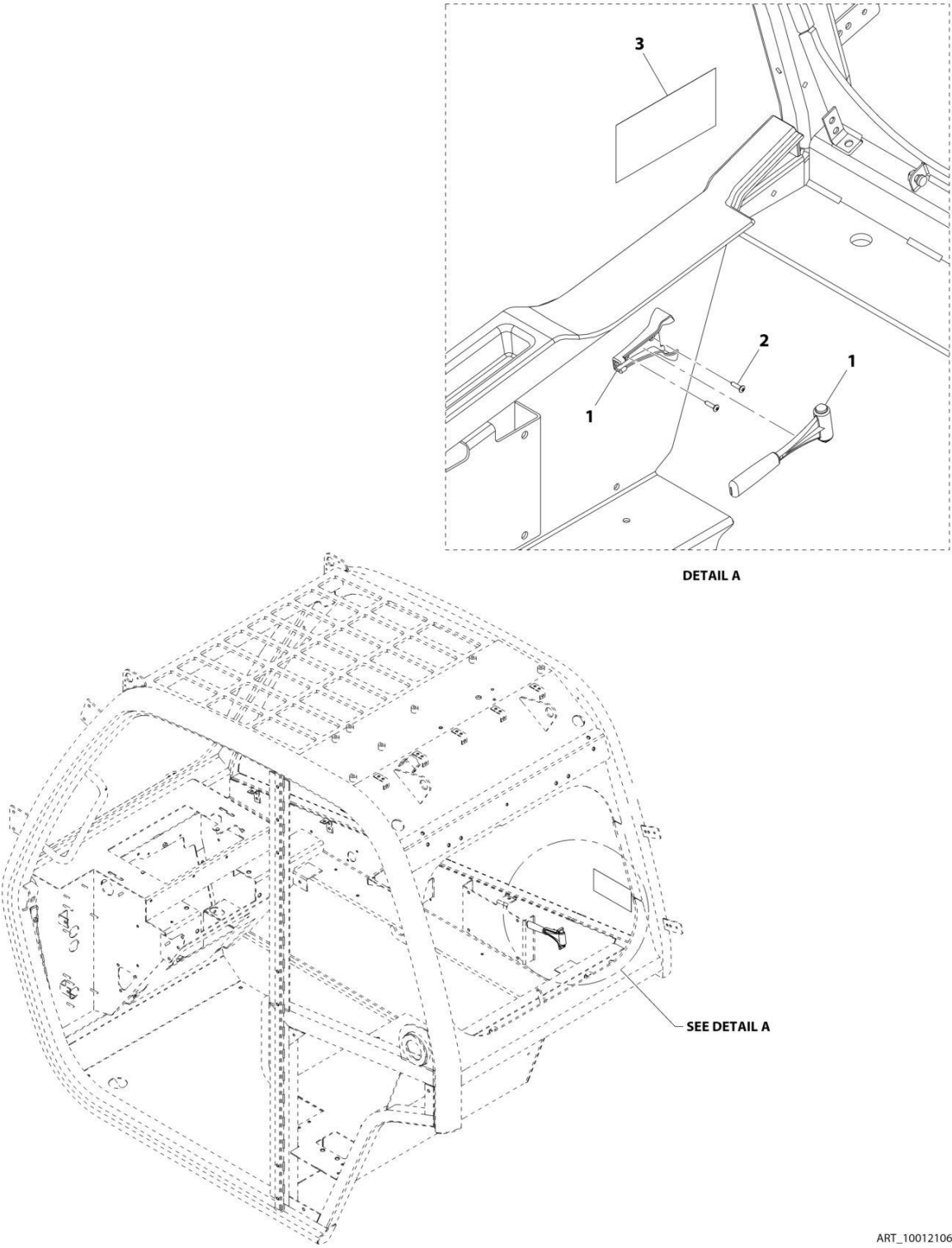
ART_1001201520

FIGURE 6-28. 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	

SECTION 6 - CAB

FIGURE 6-29. HAMMER INSTALLATION



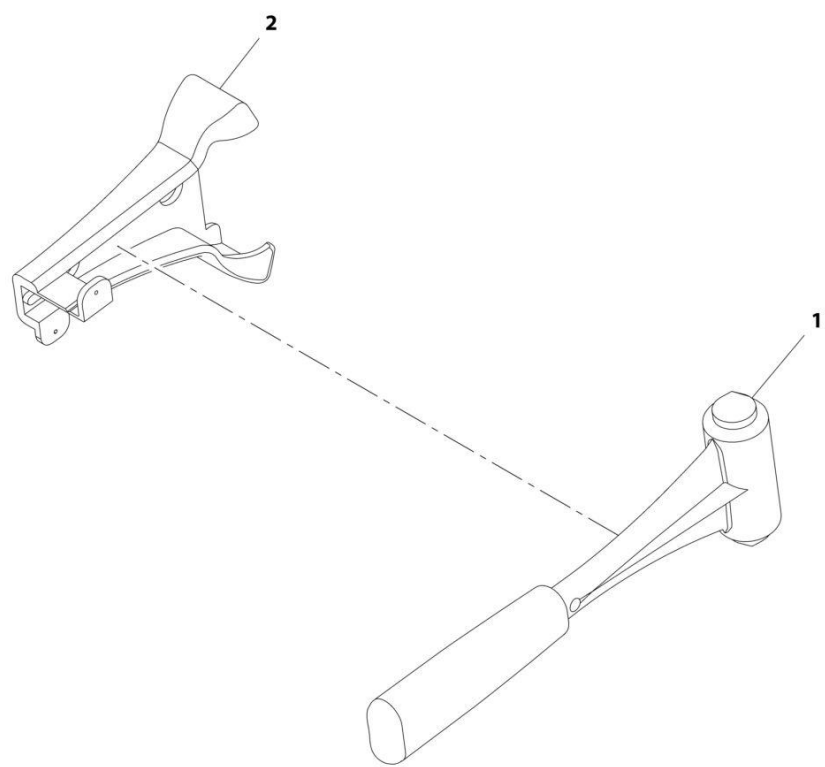
ART_1001210628-B

FIGURE 6-29. 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 6-30. HAMMER ATTACHMENT ASSEMBLY

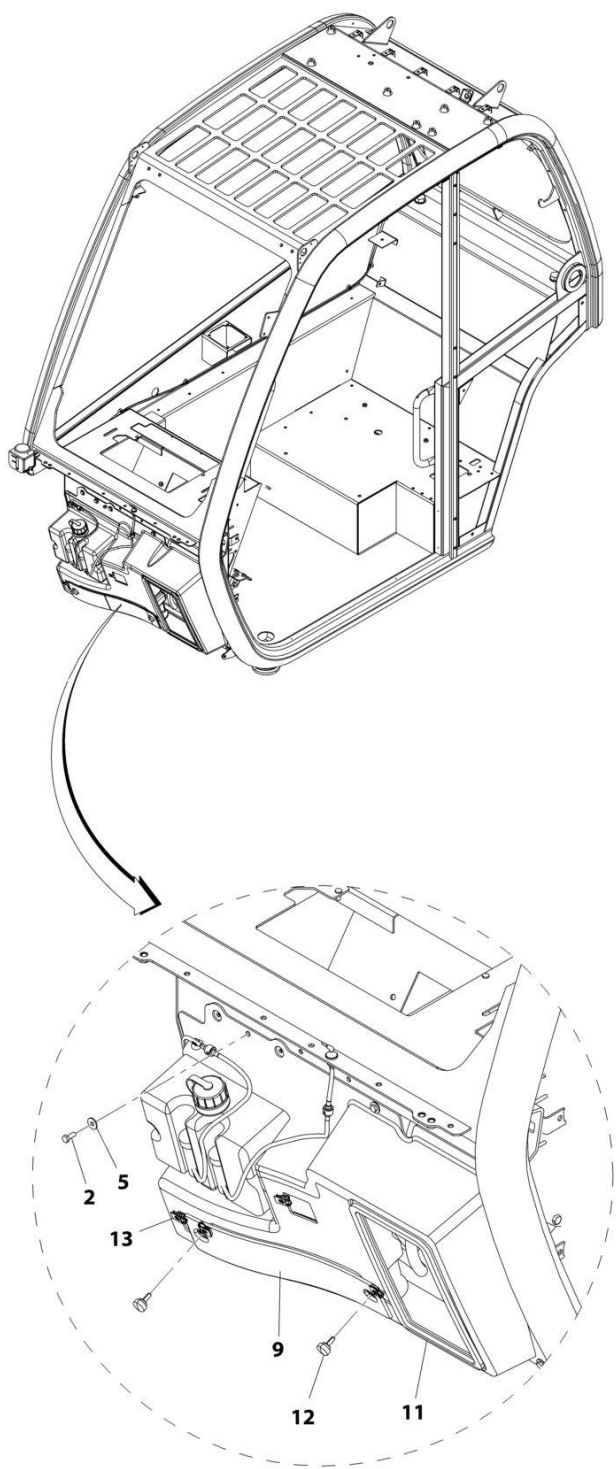


ART_1001005038-B

FIGURE 6-30. 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 6-31. FRONT COVER INSTALLATION

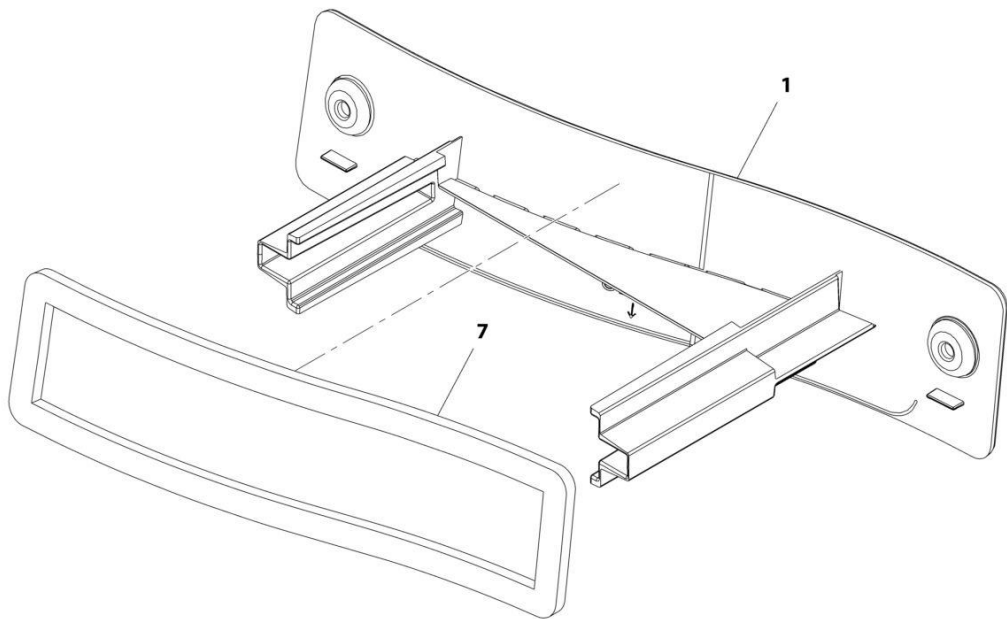


ART_1001170366-G

FIGURE 6-31. 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 6-32. FILTER TRAY PANEL

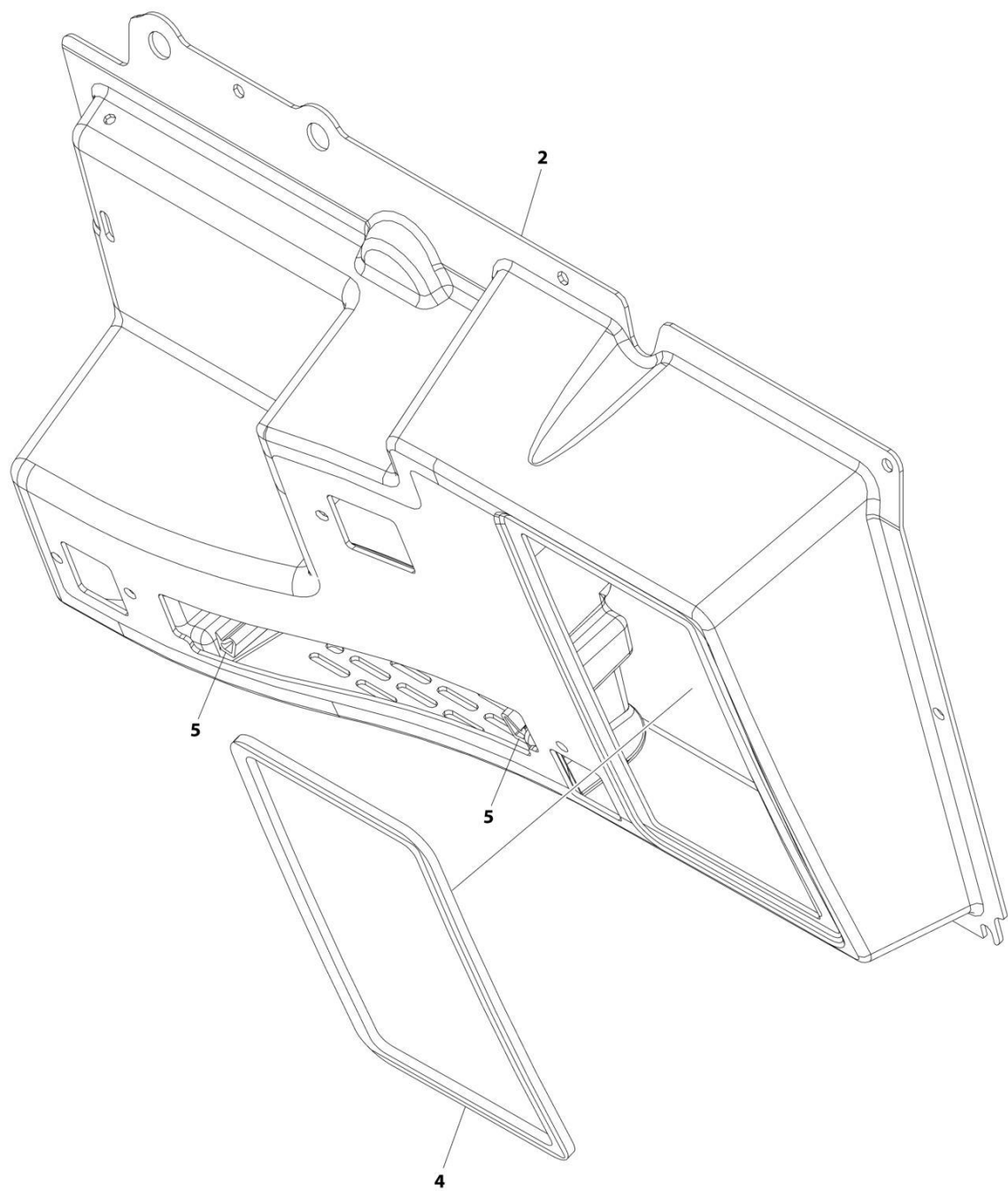


ART_1001175471-D

FIGURE 6-32. 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 6-33. FRONT DUCT COVER



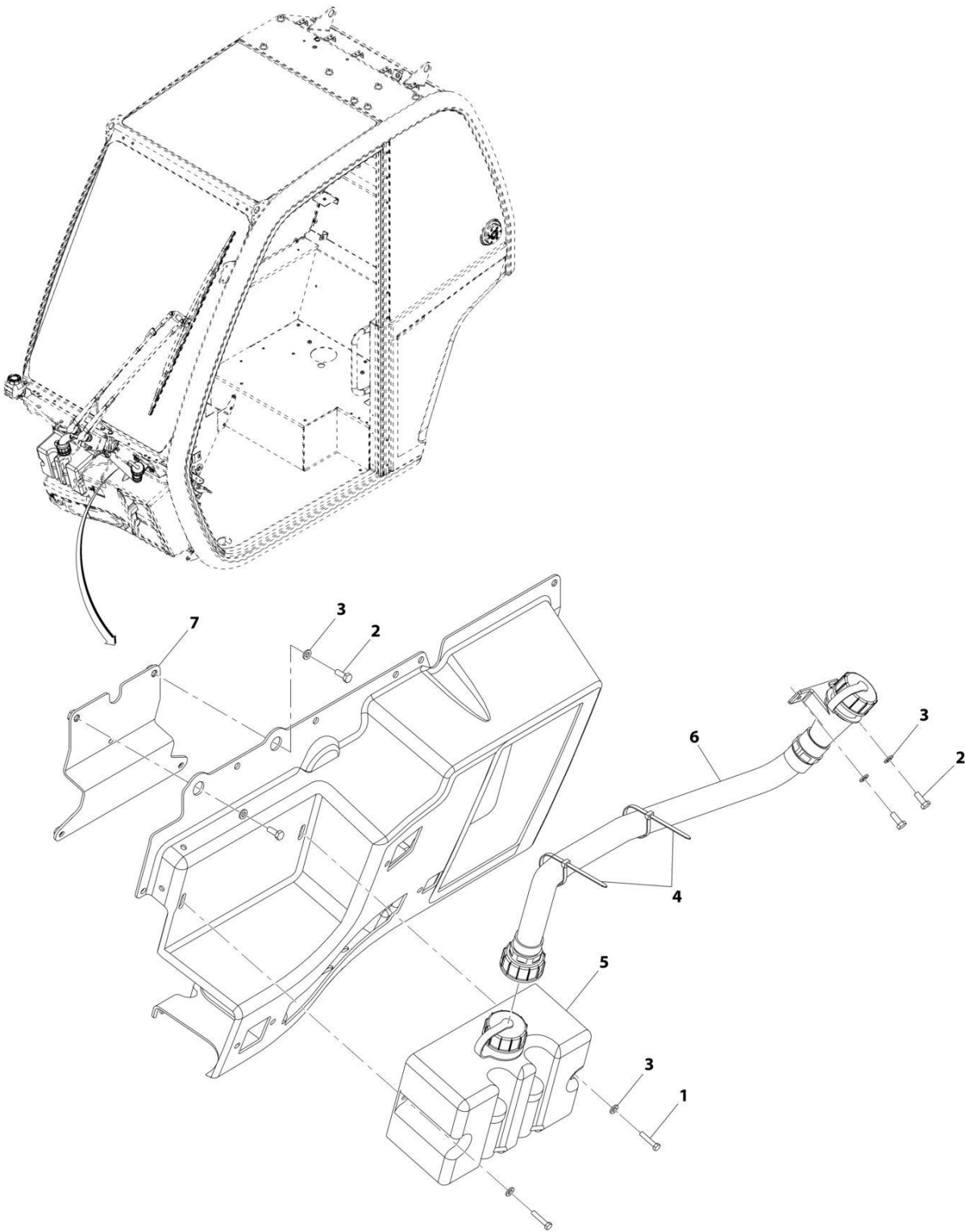
ART_1001176121

FIGURE 6-33. 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 6-34. WASHER TANK INSTALLATION

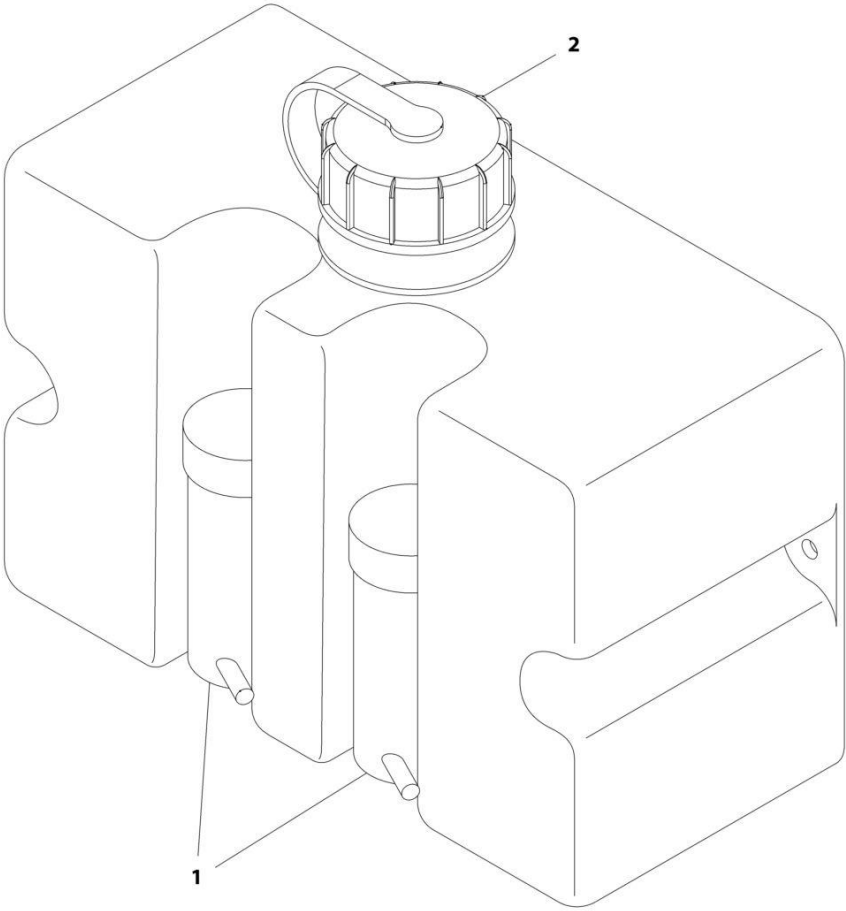


ART_1001201027-C

FIGURE 6-34. 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 6-35. WASHER BOTTLE



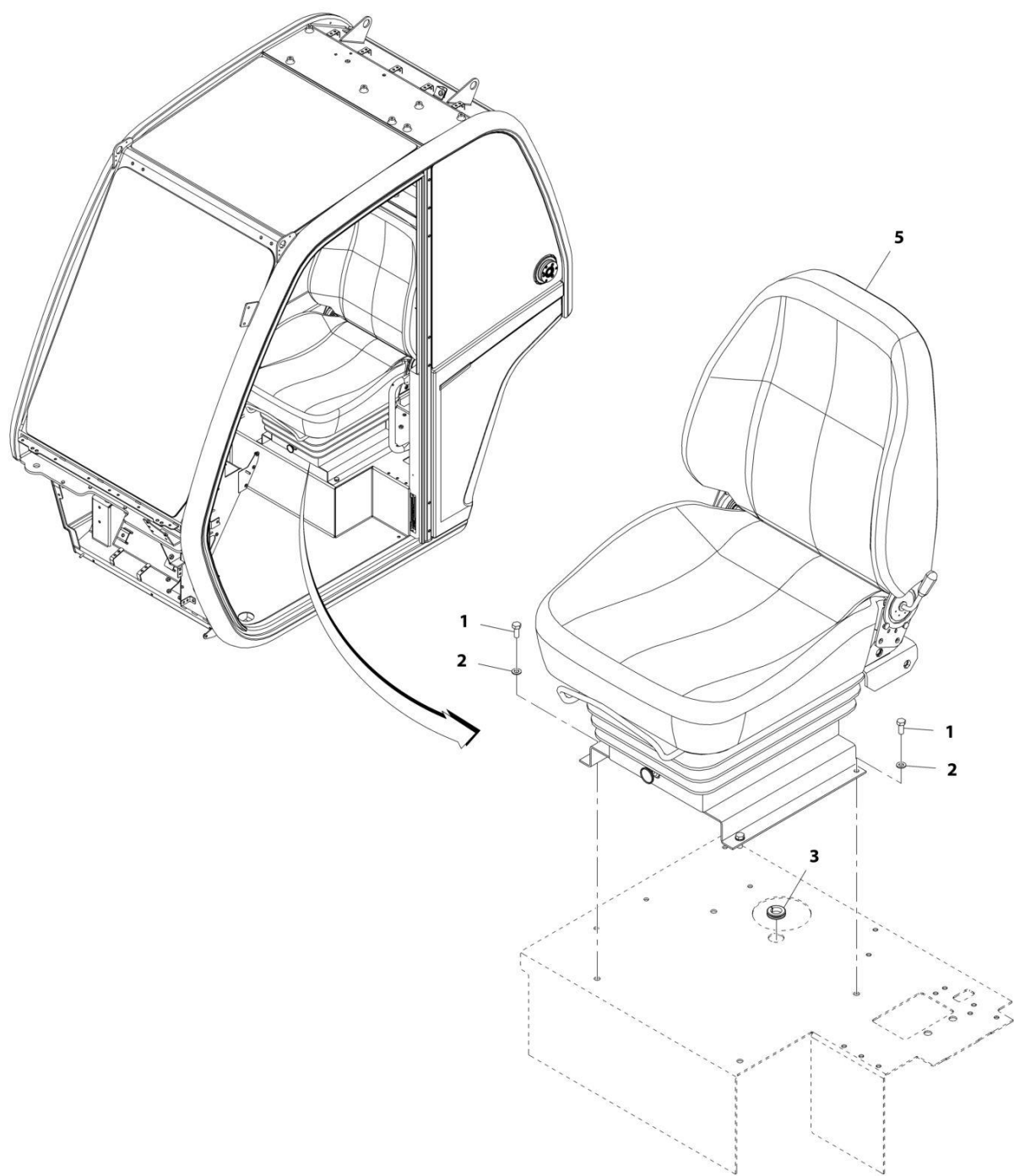
ART_1001165269-B

FIGURE 6-35. 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 6-36. SEAT INSTALLATION (AIR SUSPENSION - STANDARD) (Prior to SN 0160112883)



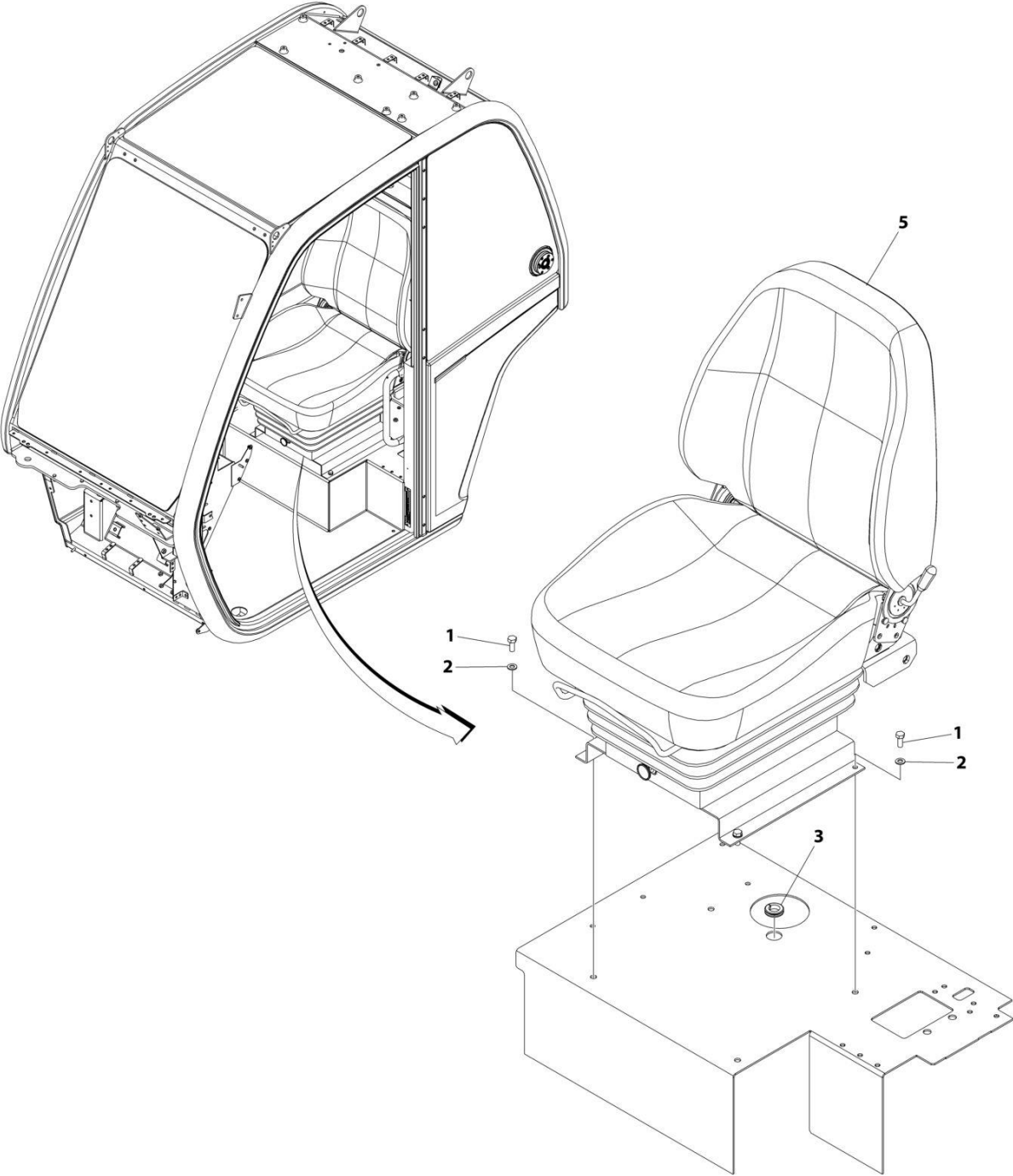
ART_1001158596-D

FIGURE 6-36. SEAT INSTALLATION (AIR SUSPENSION - STANDARD) (Prior to SN 0160112883)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158596	Ref	Seat Installation (Air Suspension - Standard)	D
1	0760810	4	Bolt, M8X20	
2	4811900	4	Washer, M8	
3	1001216974	1	Grommet	
5	1001165573	1	Assembly, Seat (See Separate Breakdown in this Section)	

SECTION 6 - CAB

FIGURE 6-37. SEAT INSTALLATION (AIR SUSPENSION - STANDARD) (SN 0160112883 to Present)



ART_1001158596_E

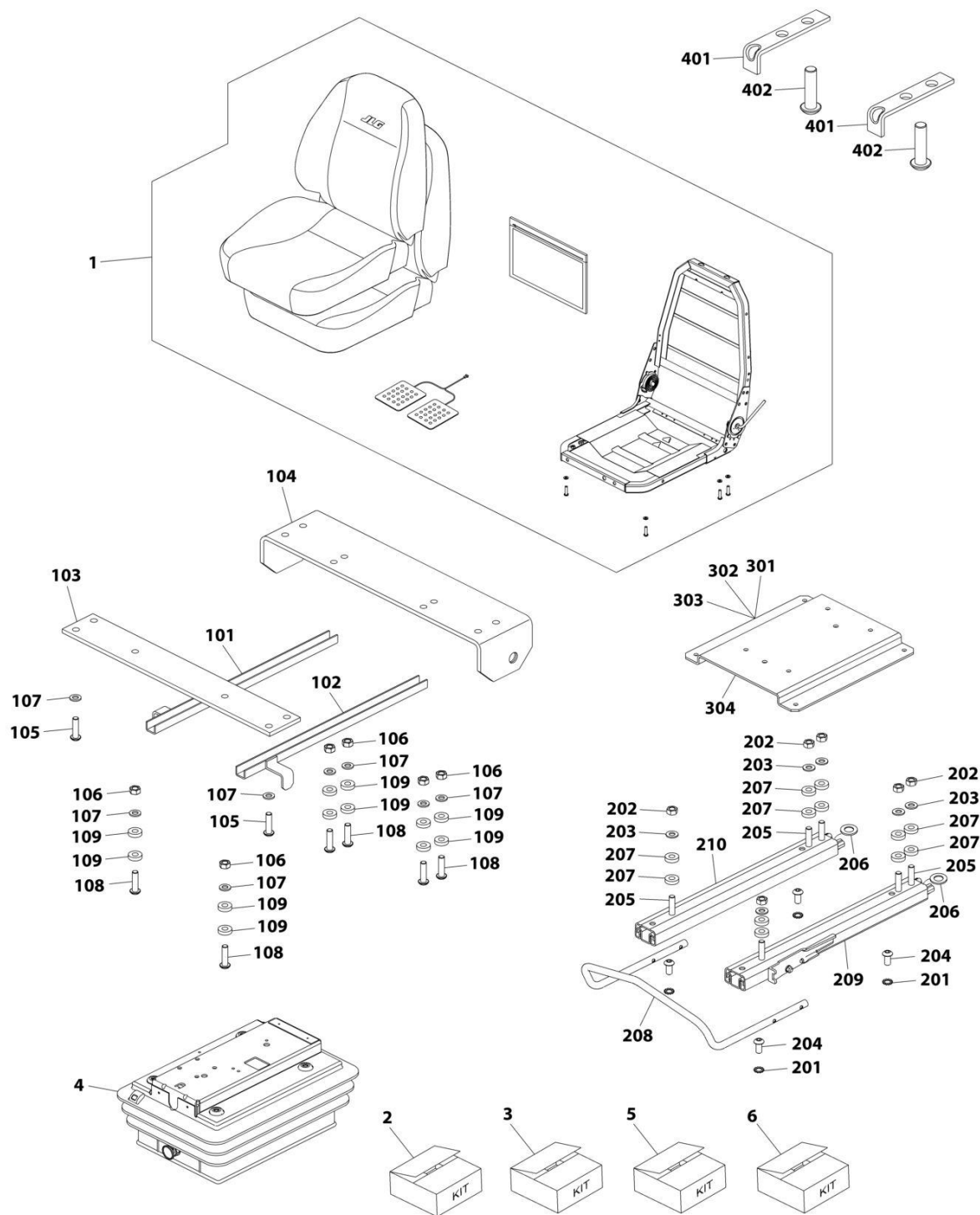
SECTION 6 - CAB

FIGURE 6-37. SEAT INSTALLATION (AIR SUSPENSION - STANDARD) (SN 0160112883 to Present)

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 6-38. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD) (Prior to SN 0160112883)



ART_1001165573-C

FIGURE 6-38. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD) (Prior to SN 0160112883)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165573	Ref	Seat Assembly (Air Suspension - Standard)	C
1	70027392	1	Assembly, Upper Seat (See Separate Breakdown in this Section)	
2	70021317	1	Kit, Cross Strap (includes items 101 thru 109)	
3	70021318	1	Kit, Fore and Aft Adjustment (includes items 201 thru 210)	
4	70021319	1	Kit, Suspension (See Separate Breakdown in this Section)	
5	70027395	1	Kit, Adapter Plate (includes items 301 thru 304)	
6	70021322	1	Kit, Slide Rail Stop (includes items 401 & 402)	
101	N.S.S.	1	Channel	
102	N.S.S.	1	Channel	
103	N.S.S.	1	Plate, Strap	
104	N.S.S.	1	Plate, Strap	
105	N.S.S.	4	Bolt, M8X25	
106	N.S.S.	6	Nut, M8	
107	N.S.S.	10	Washer	
108	N.S.S.	6	Bolt, M8X30	
109	N.S.S.	12	Spacer	
201	N.S.S.	4	Washer, Spring M8	
202	N.S.S.	1	Nut, M8	
203	N.S.S.	1	Washer	
204	N.S.S.	1	Bolt, M8X16	
205	N.S.S.	1	Bolt, M8X30	
206	N.S.S.	1	Washer	
207	N.S.S.	1	Spacer	
208	N.S.S.	1	Handle	
209	N.S.S.	1	Rail, Slide	
210	N.S.S.	1	Rail, Slide	
301	N.S.S.	1	Bolt, M8X25	
302	N.S.S.	1	Bolt, M8X16	
303	N.S.S.	1	Washer	
304	N.S.S.	1	Plate, Adapter	
401	N.S.S.	1	Stop, Sliderrail	
402	N.S.S.	1	Bolt, M8X16	

SECTION 6 - CAB

FIGURE 6-39. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD) (SN 0160112883 to Present)

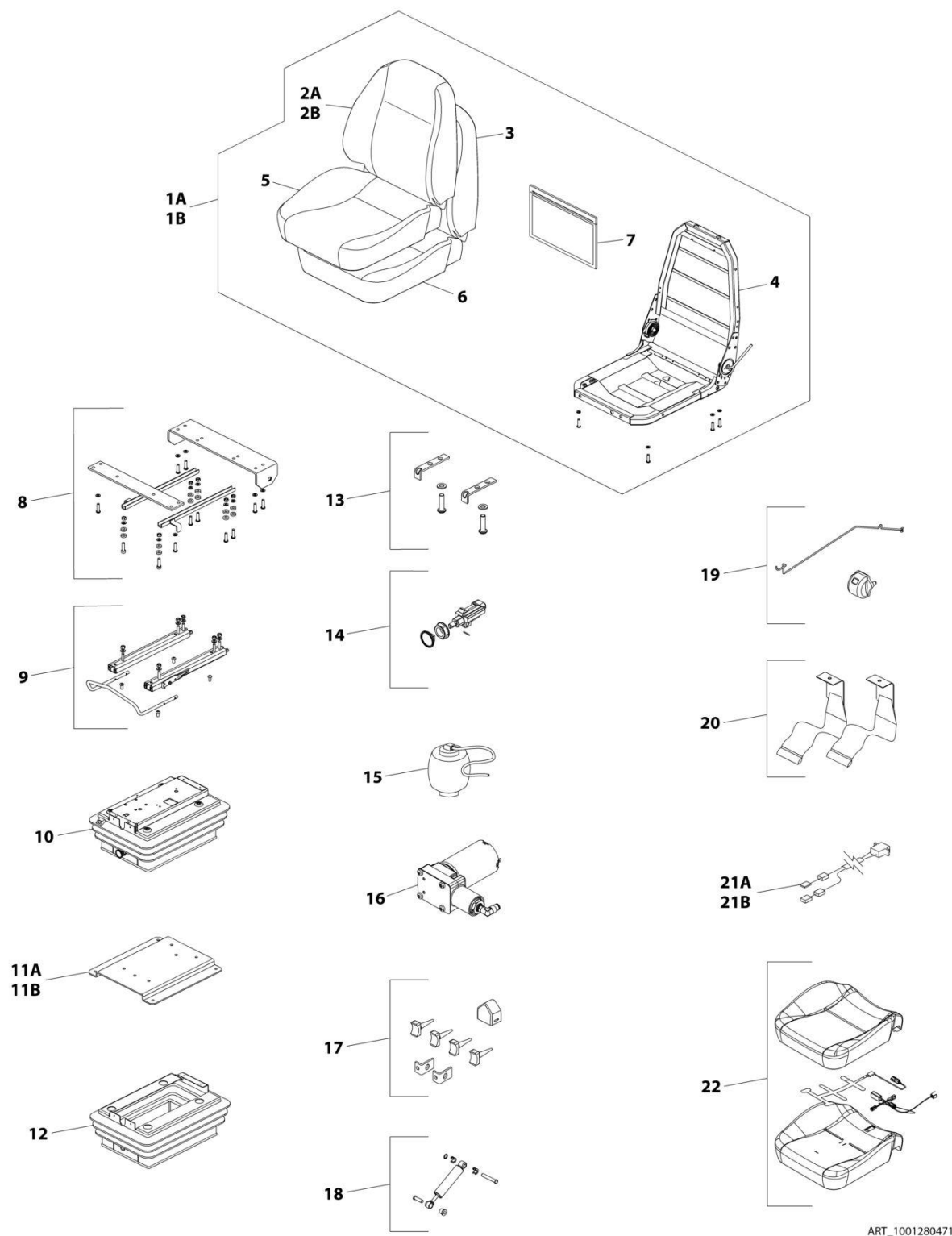
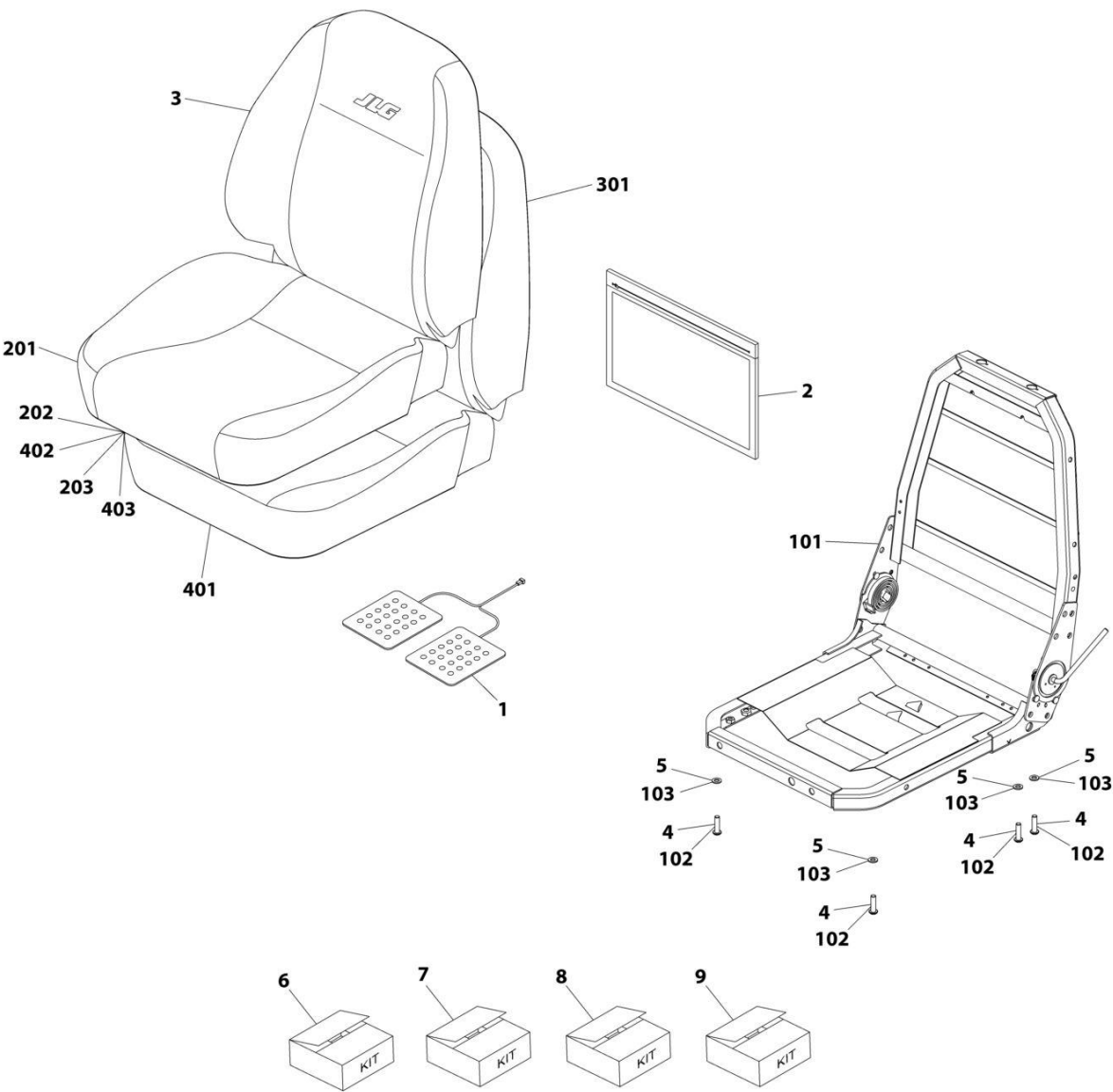


FIGURE 6-39. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD) (SN 0160112883 to Present)

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 6-40. UPPER SEAT ASSEMBLY



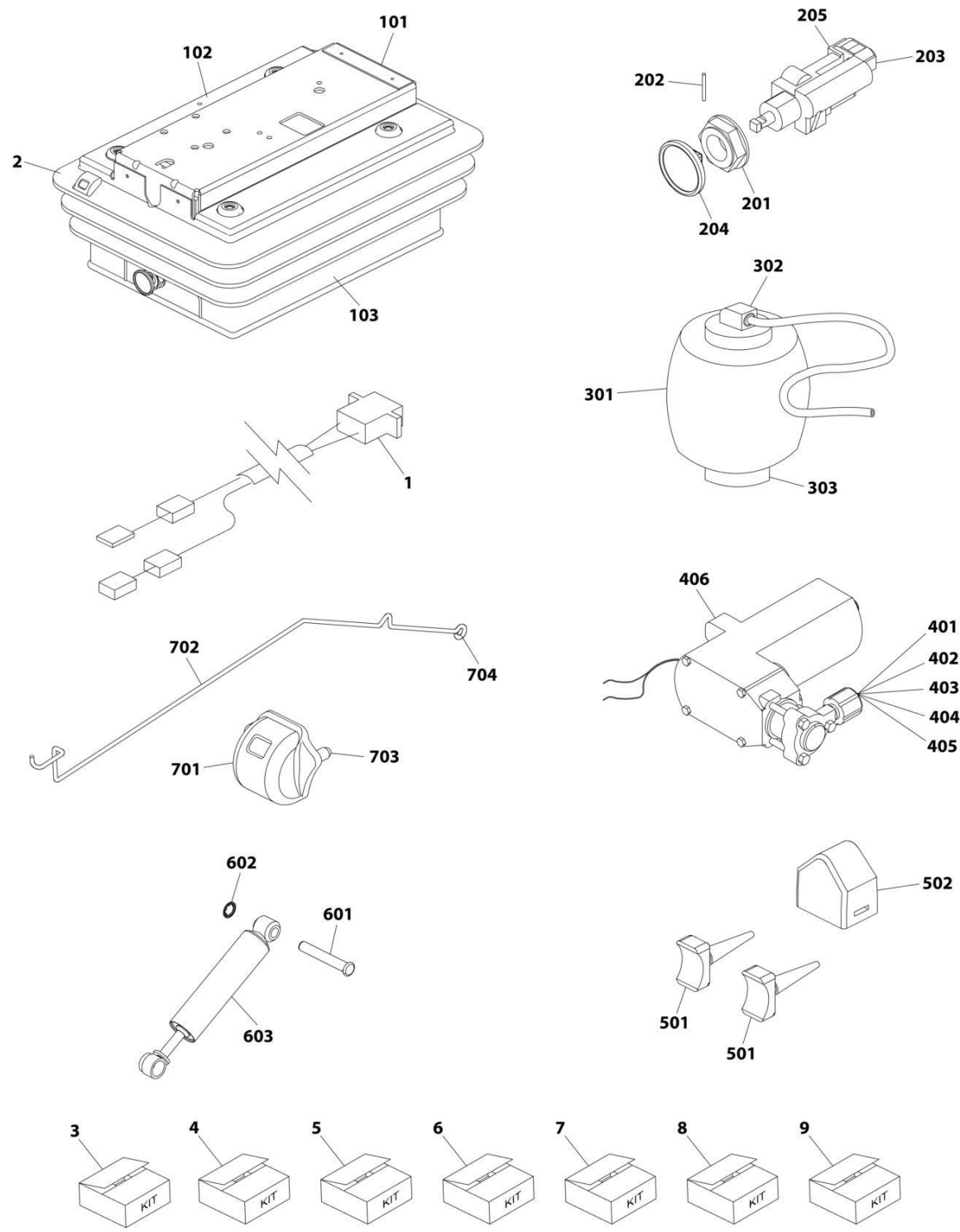
ART_70027392

FIGURE 6-40. 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 6-41. SUSPENSION KIT



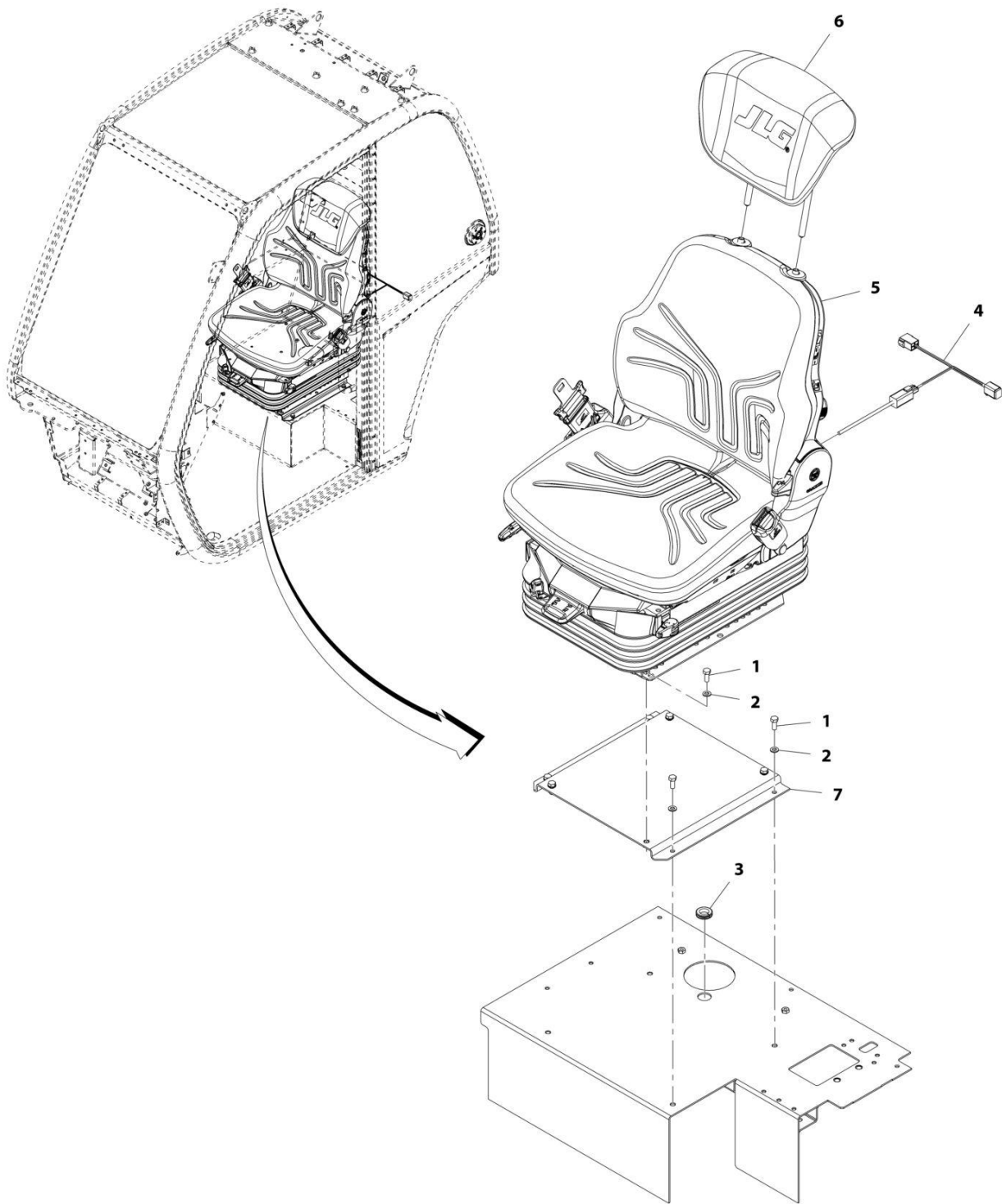
ART_70021319

FIGURE 6-41. 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 6-42. SEAT INSTALLATION (PREMIUM)



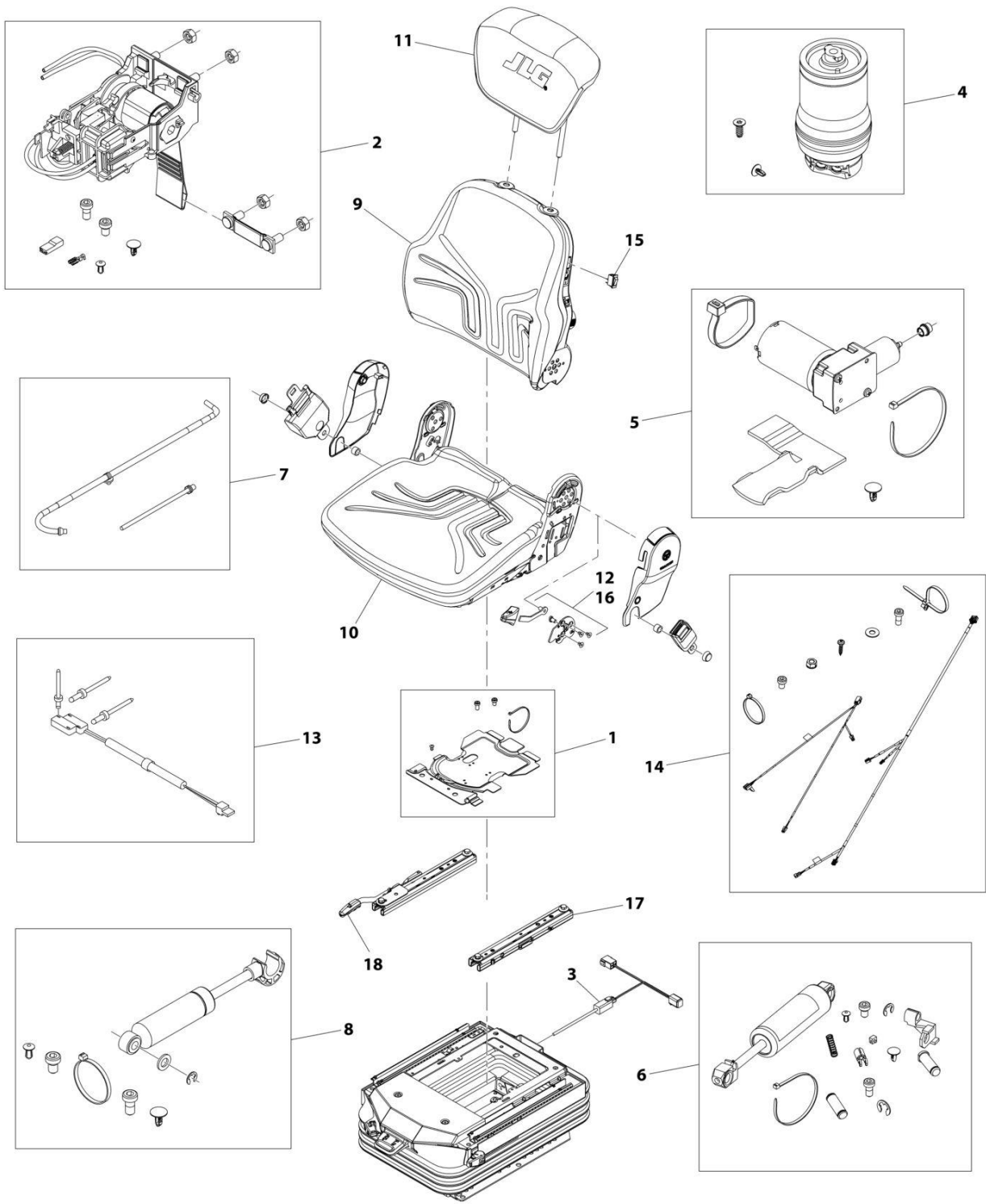
ART_1001205648-B

FIGURE 6-42. 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 6-43. SEAT ASSEMBLY (AIR SUSPENSION - PREMIUM)



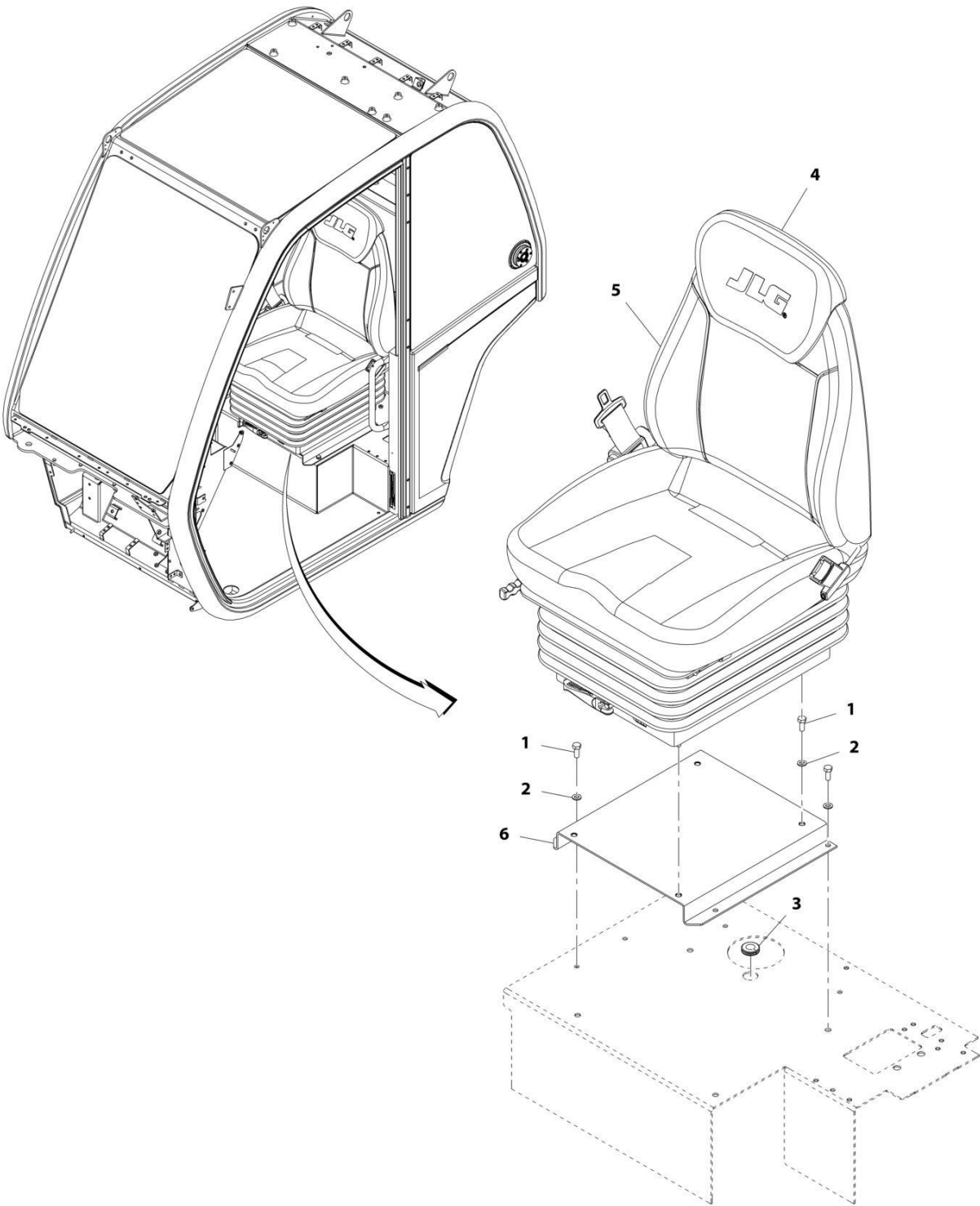
ART_1001169135-B

FIGURE 6-43. 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 6-44. SEAT INSTALLATION (MECHANICAL)



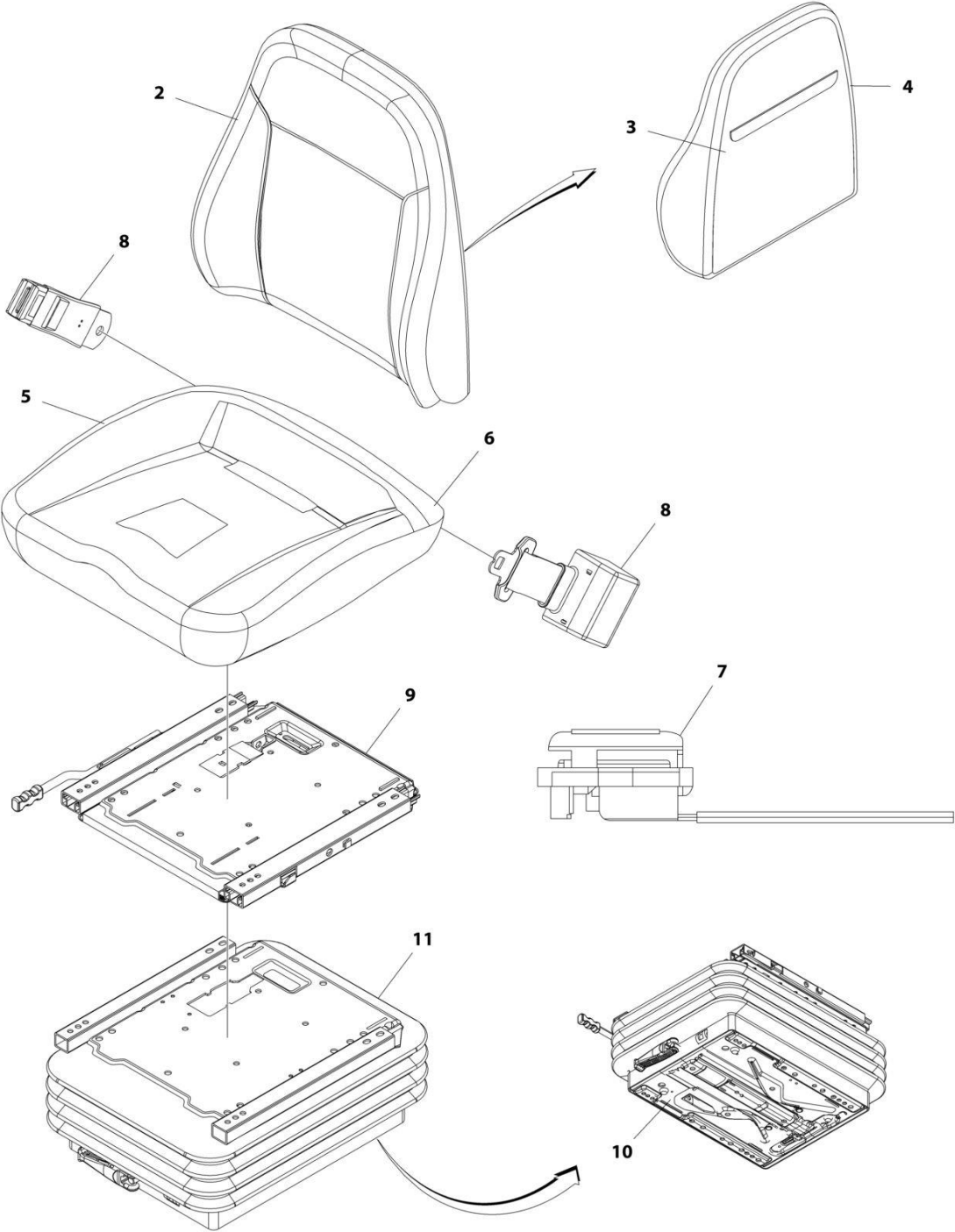
ART_1001205782-B

FIGURE 6-44. 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	

SECTION 6 - CAB

FIGURE 6-45. SEAT ASSEMBLY



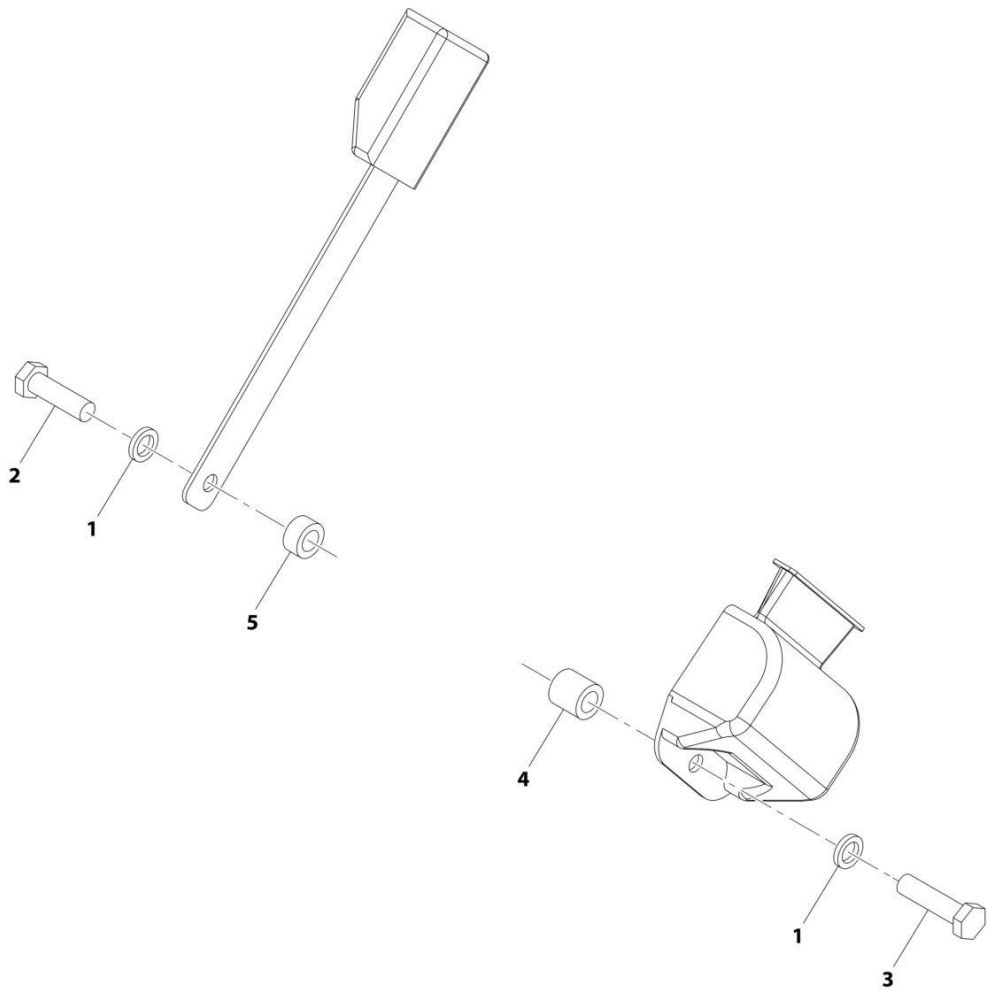
ART_1001150294

FIGURE 6-45. 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 6-46. SEAT BELT INSTALLATION (2IN)



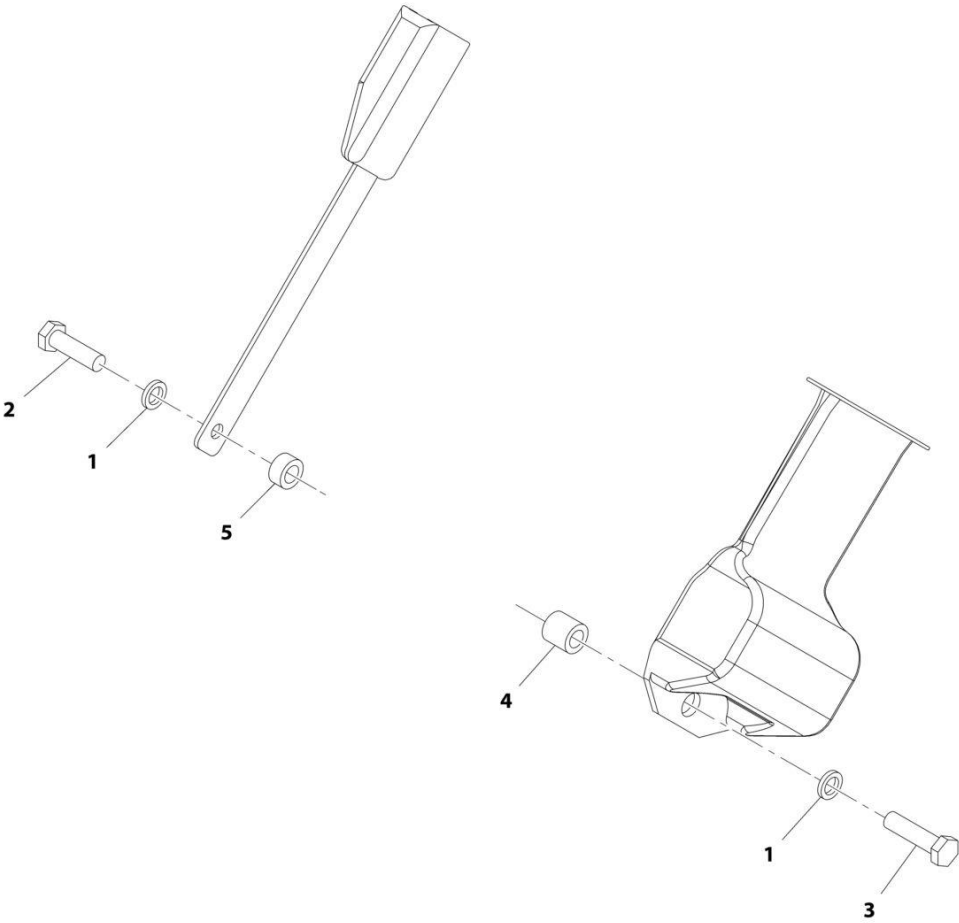
ART_1001006730

FIGURE 6-46. 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 6-47. SEAT BELT INSTALLATION (3IN)



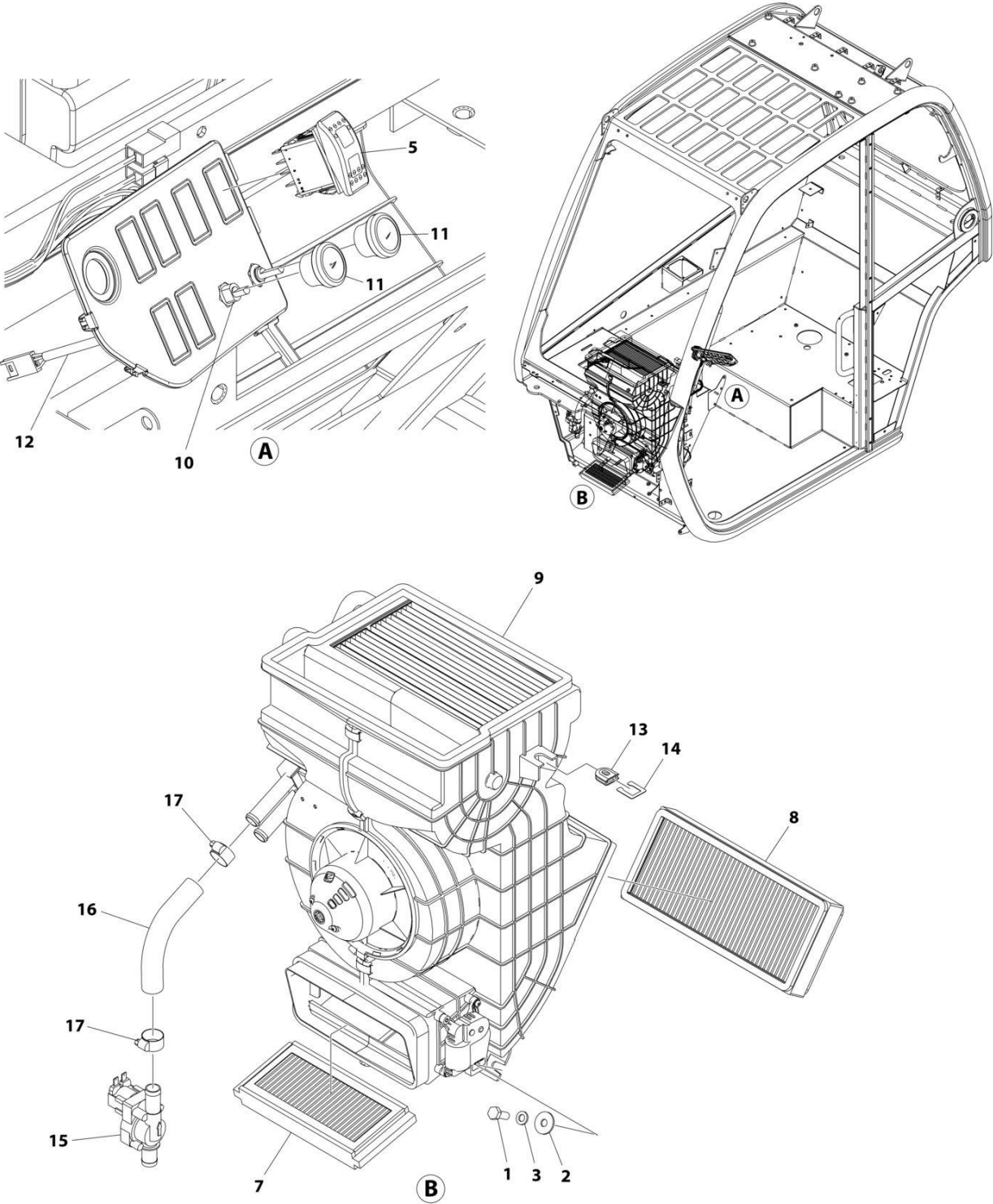
ART_1001006731-B

FIGURE 6-47. 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 6-48. HEATER INSTALLATION

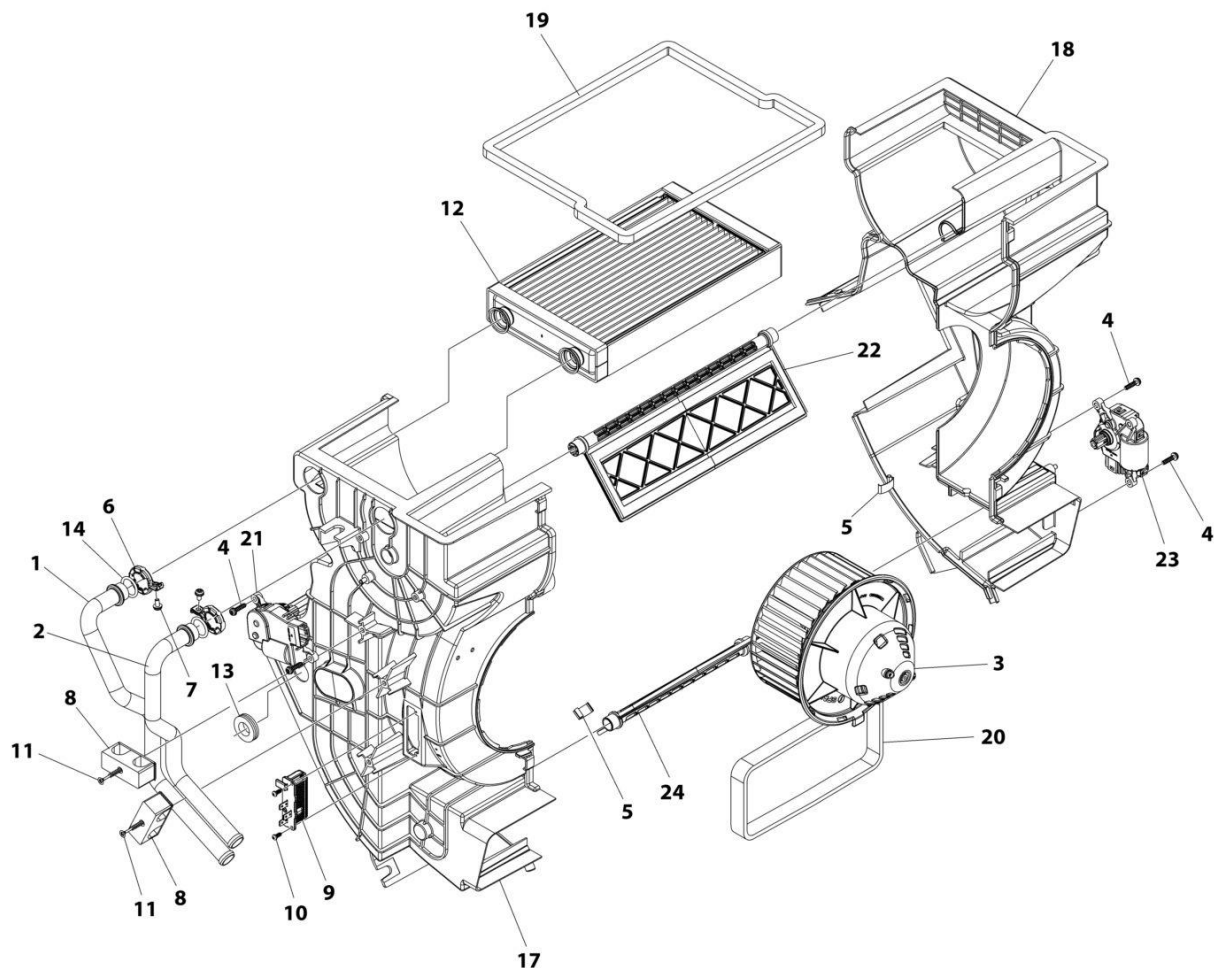


ART_1001201336_G

FIGURE 6-48. 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 6-49. HEATER ASSEMBLY



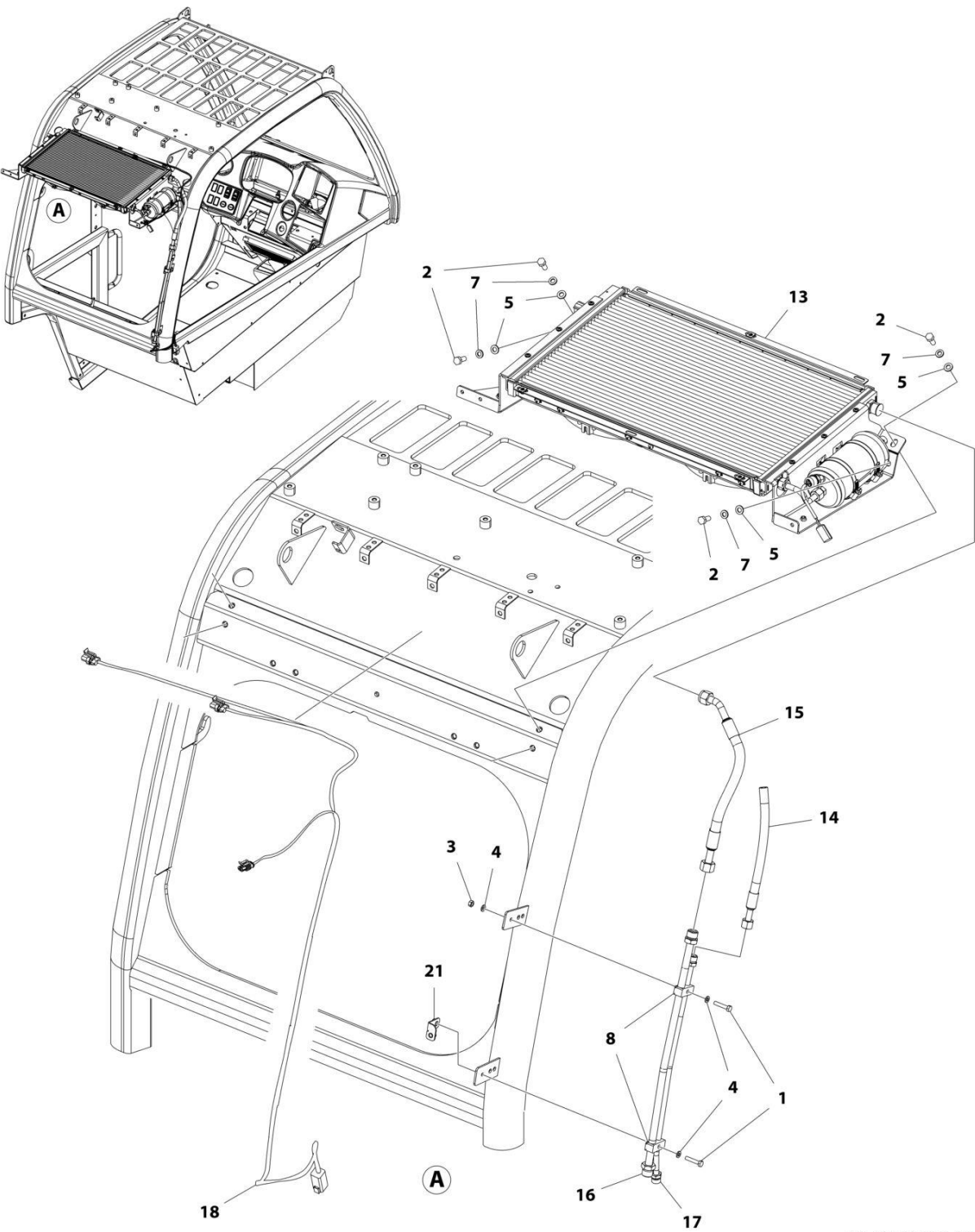
ART_1001268828

FIGURE 6-49. 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 6-50. HEATER AND A/C INSTALLATION



ART_1001201338_H_1OF2

ART_1001201338_H_2OF2



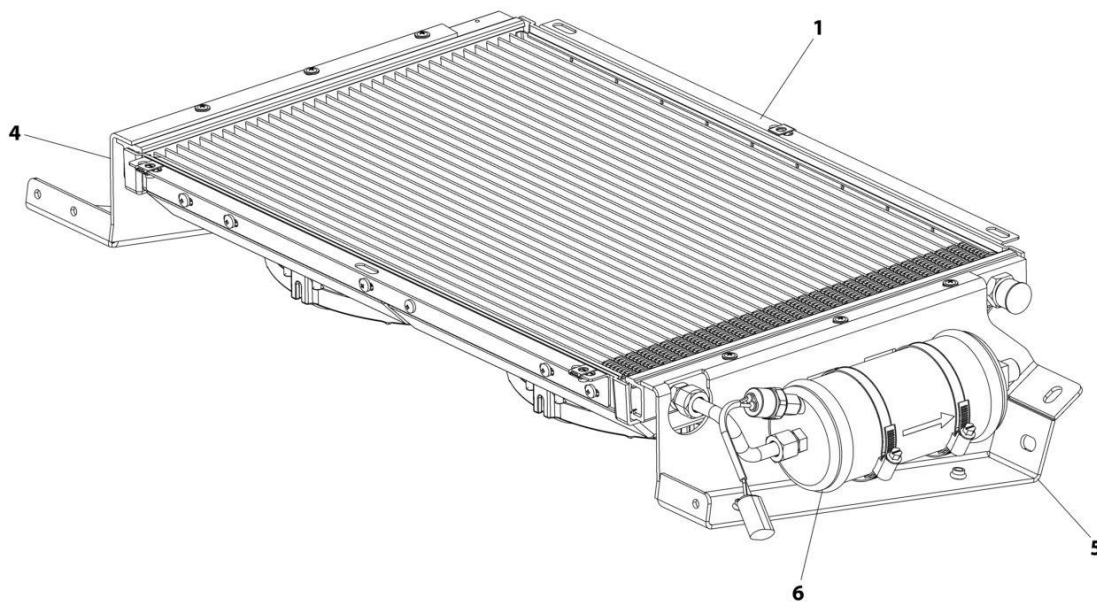
SECTION 6 - CAB

FIGURE 6-50. 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 6-51. CAB CONDENSER ASSEMBLY

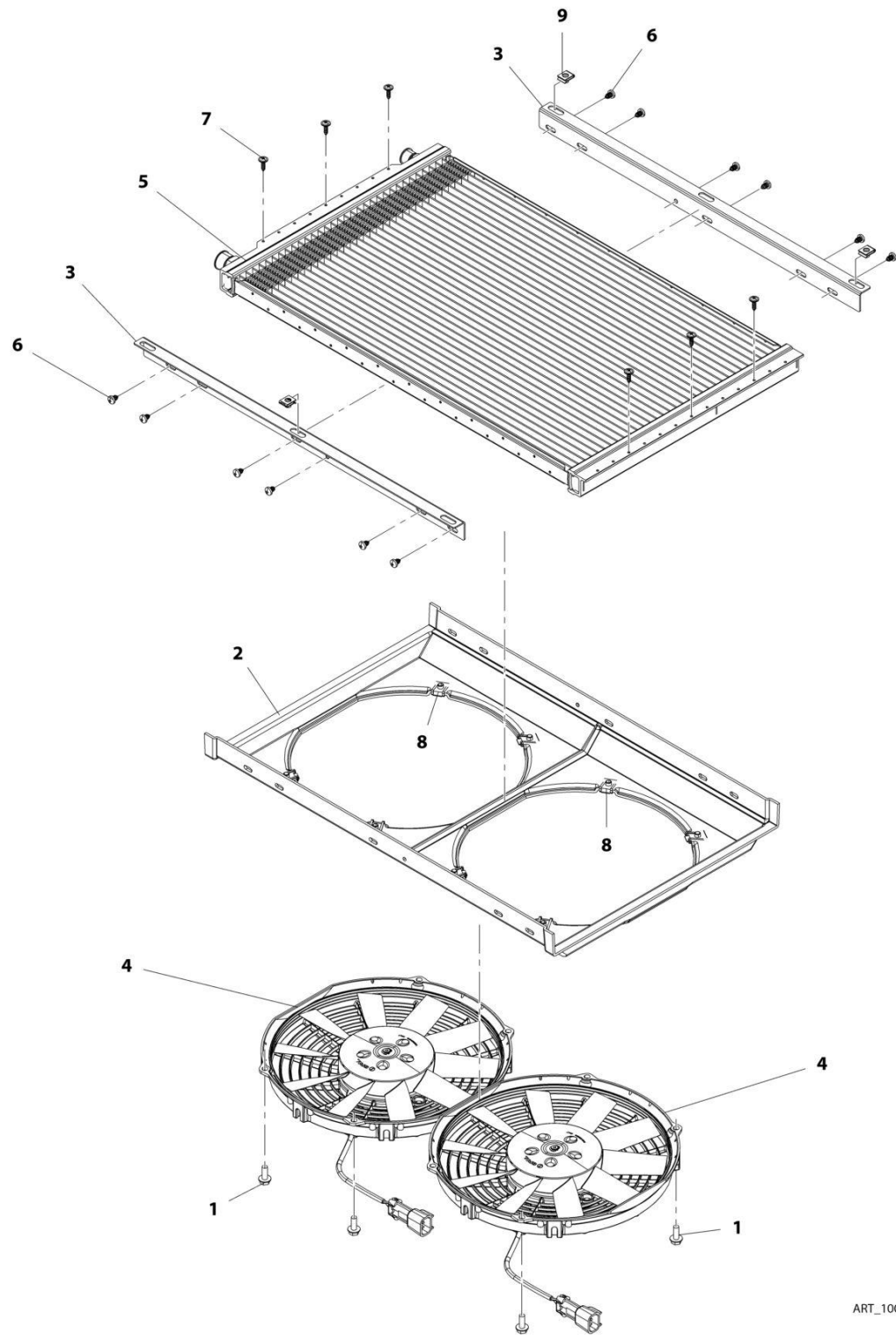


ART_1001162953

FIGURE 6-51. 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 6-52. CONDENSER

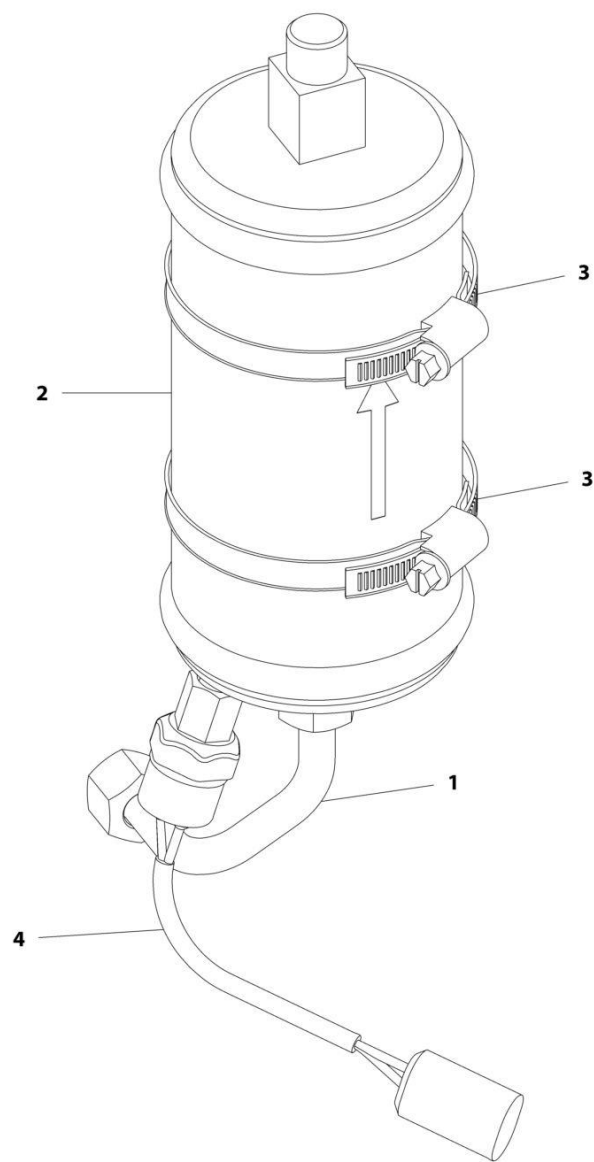


ART_1001167266-C

FIGURE 6-52. 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 6-53. A/C RECEIVER DRIER



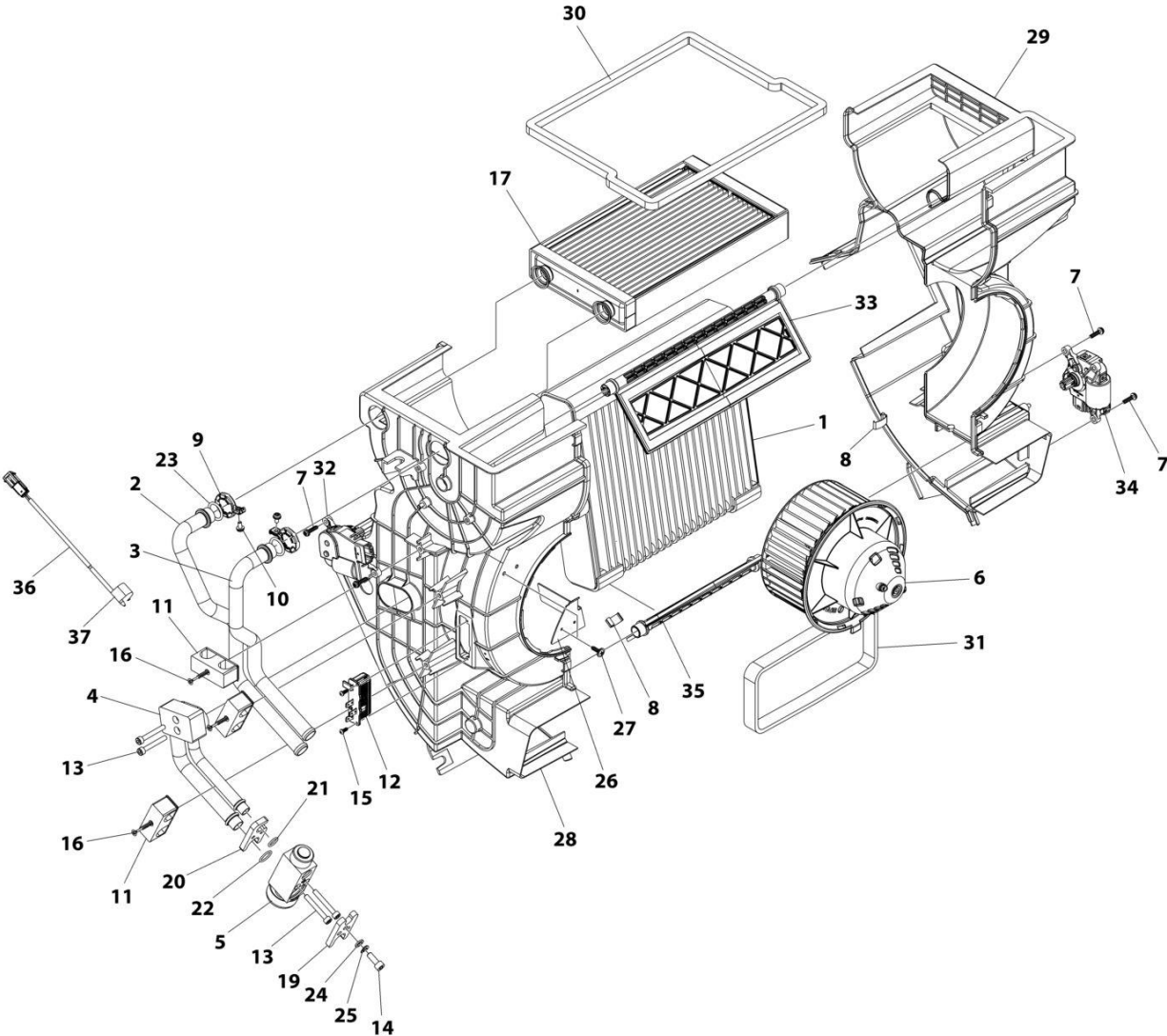
ART_1001179130-B

FIGURE 6-53. 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 6-54. HEATER AND A/C ASSEMBLY

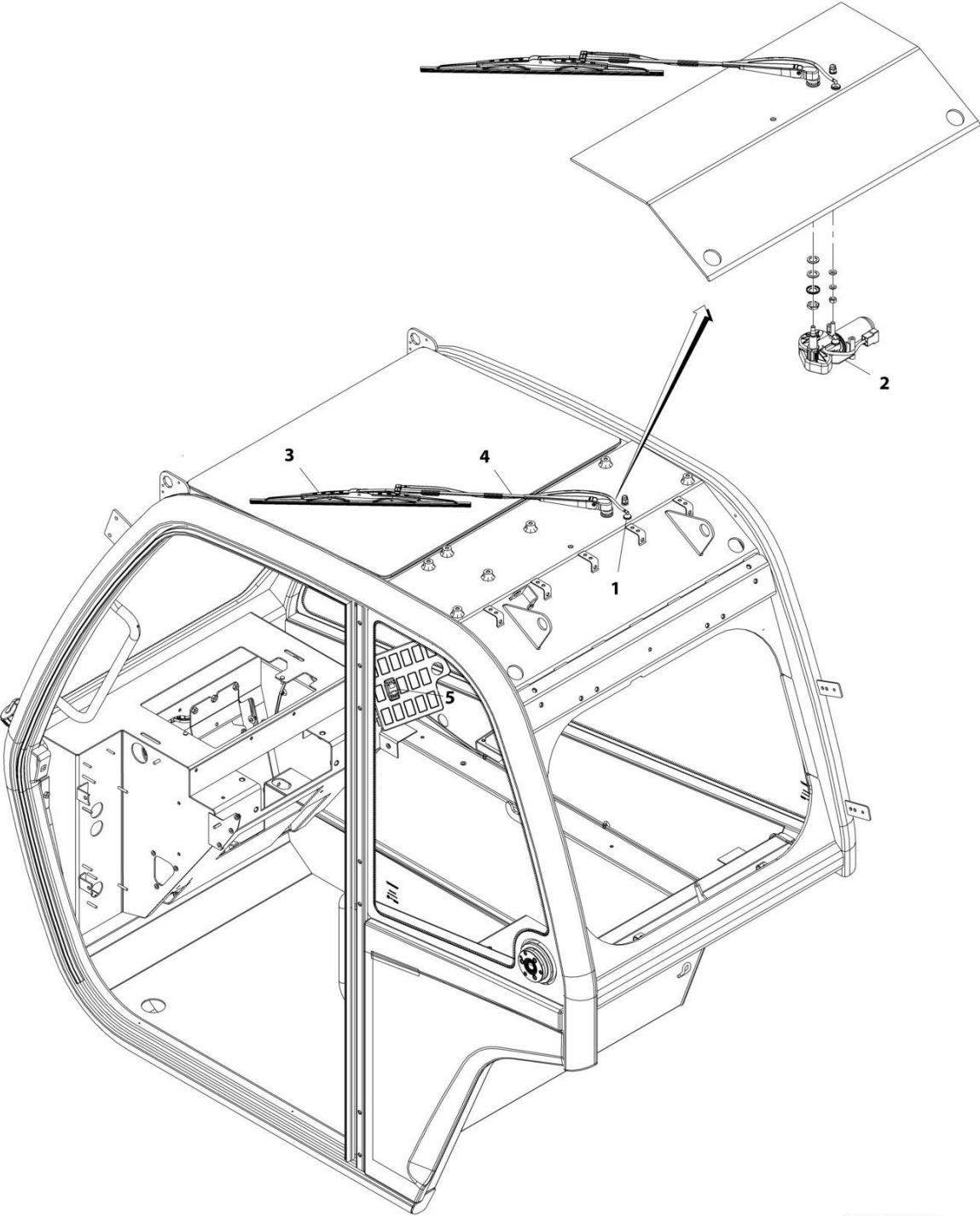


ART_1001268832

FIGURE 6-54. 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 6-55. ROOF WIPER INSTALLATION



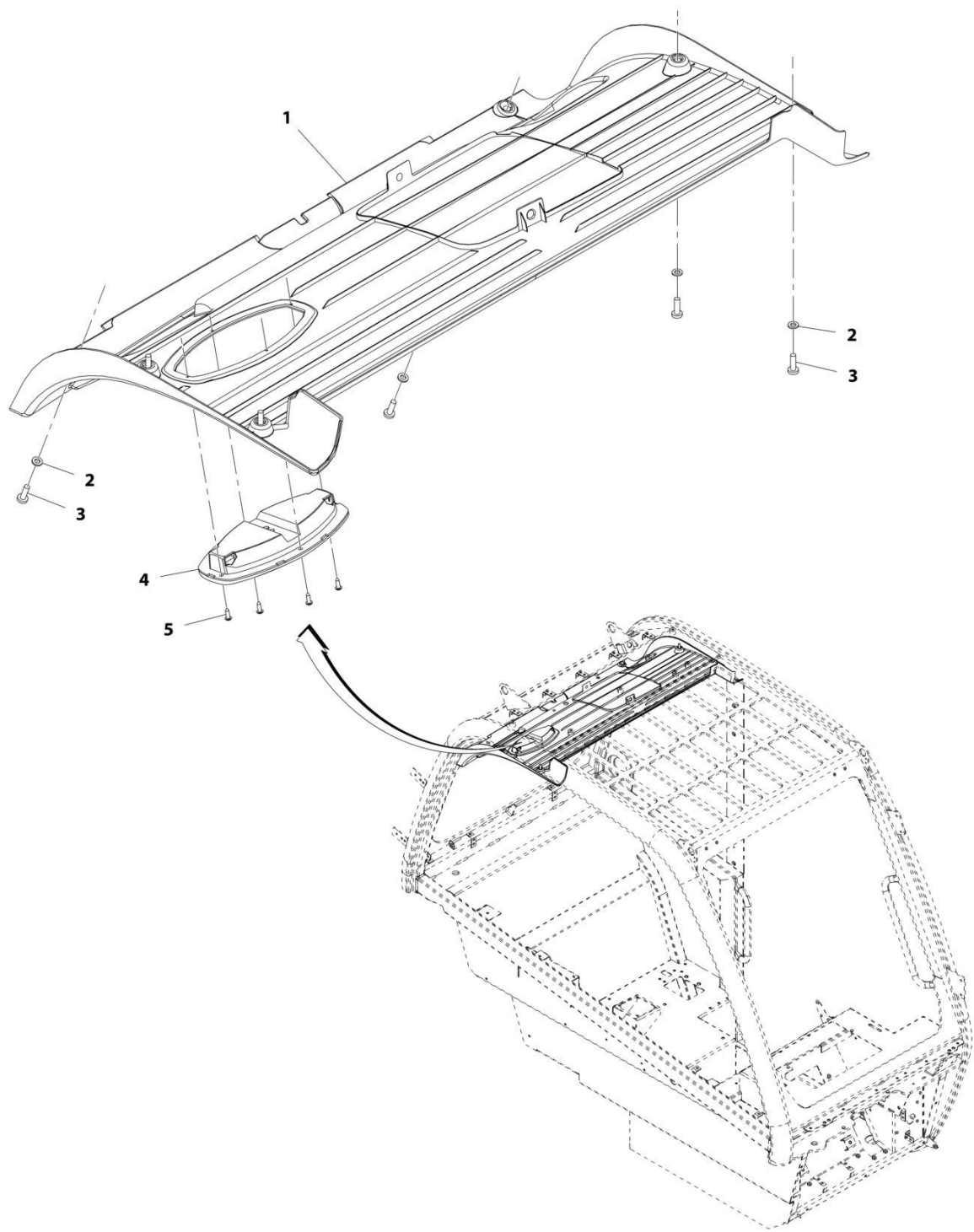
ART_1001155486-B

FIGURE 6-55. 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 6-56. HEADLINER INSTALLATION



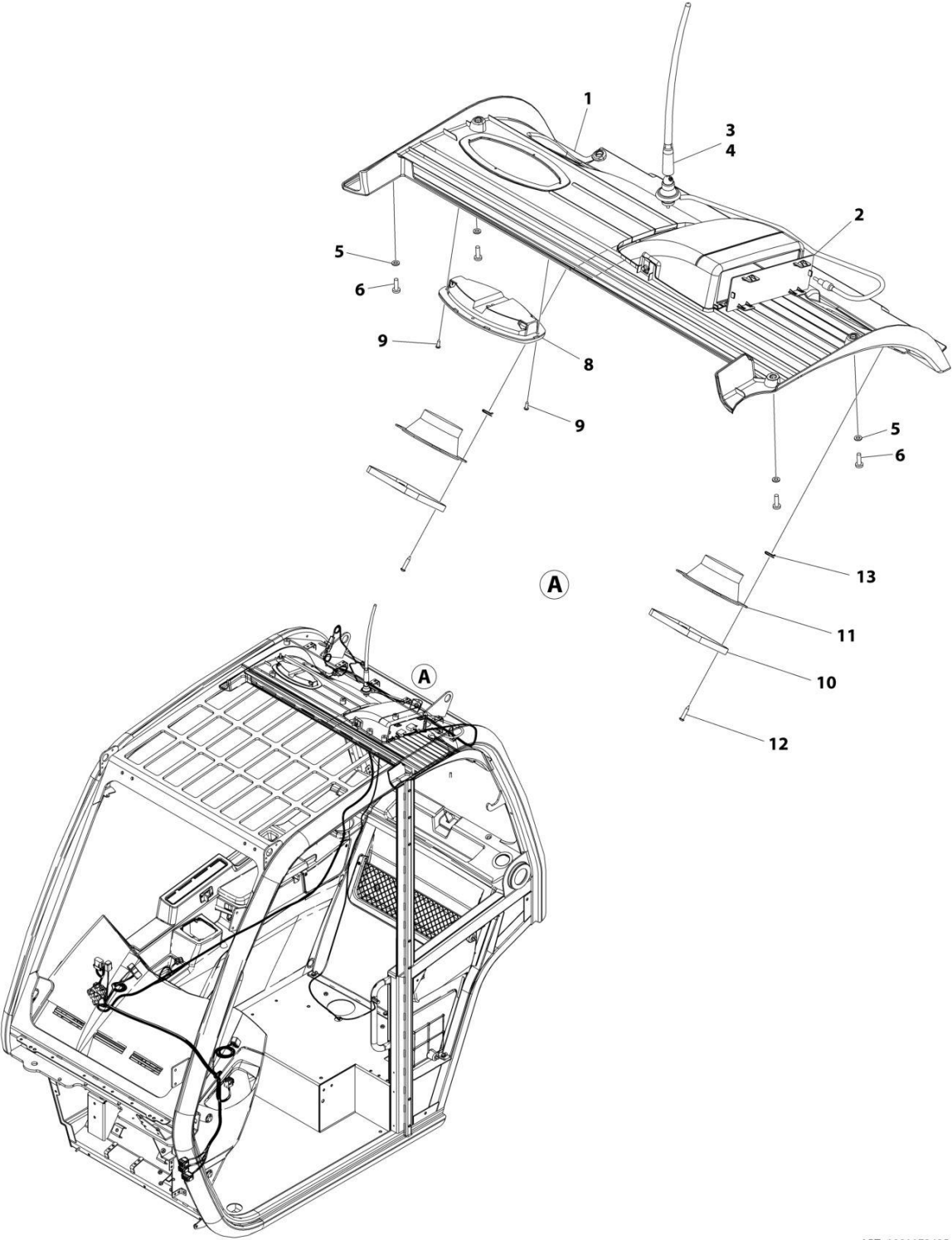
ART_1001170718-C

FIGURE 6-56. 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 6-57. HEADLINER/ RADIO READY INSTALLATION



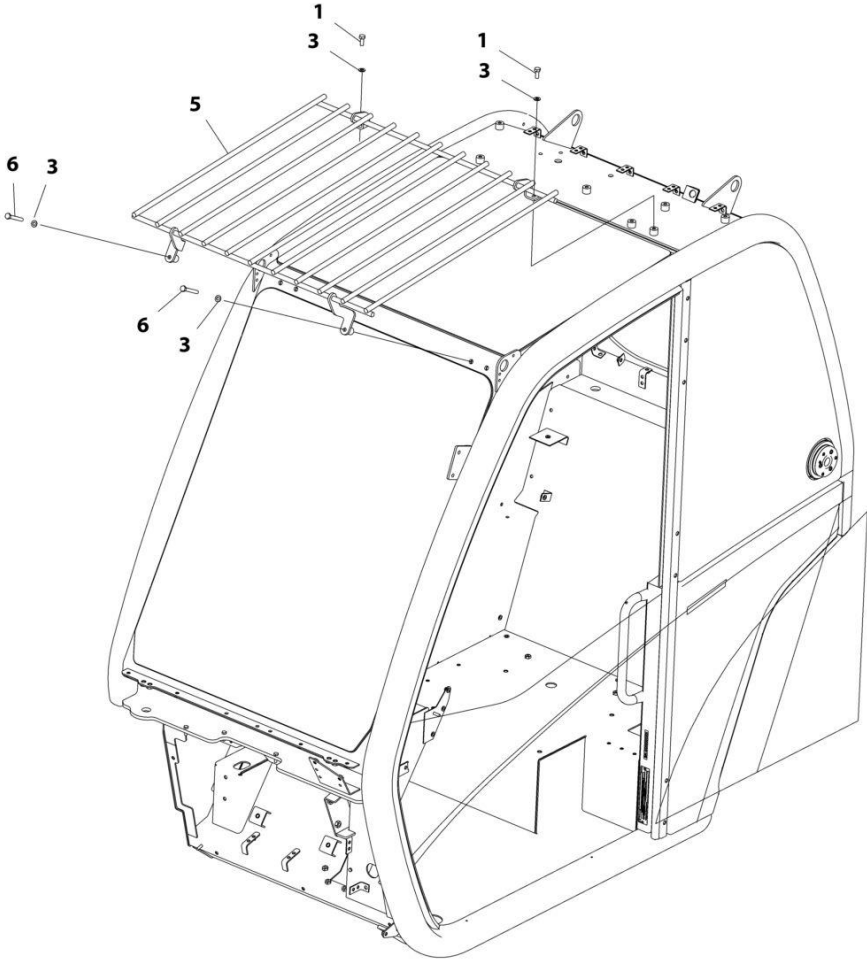
ART_1001173425

FIGURE 6-57. 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 6-58. CAB GUARD INSTALLATION (TOP)



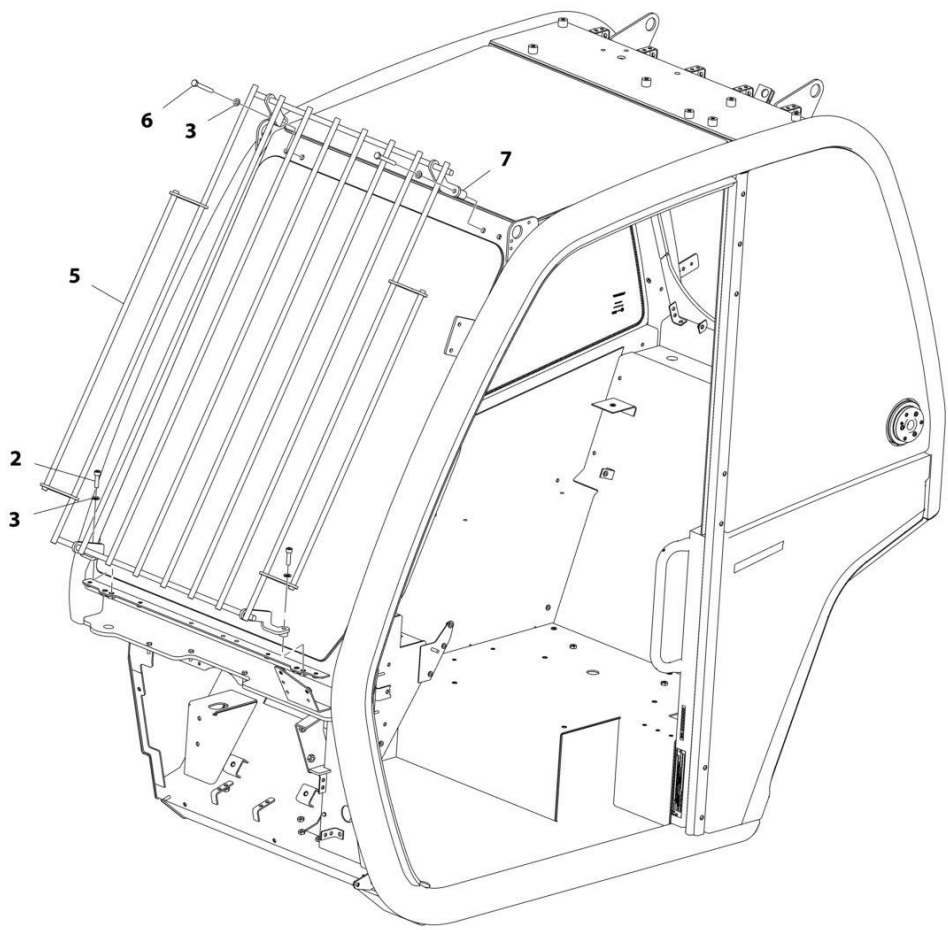
ART_1001160496

FIGURE 6-58. 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 6-59. CAB GUARD INSTALLATION (FRONT)



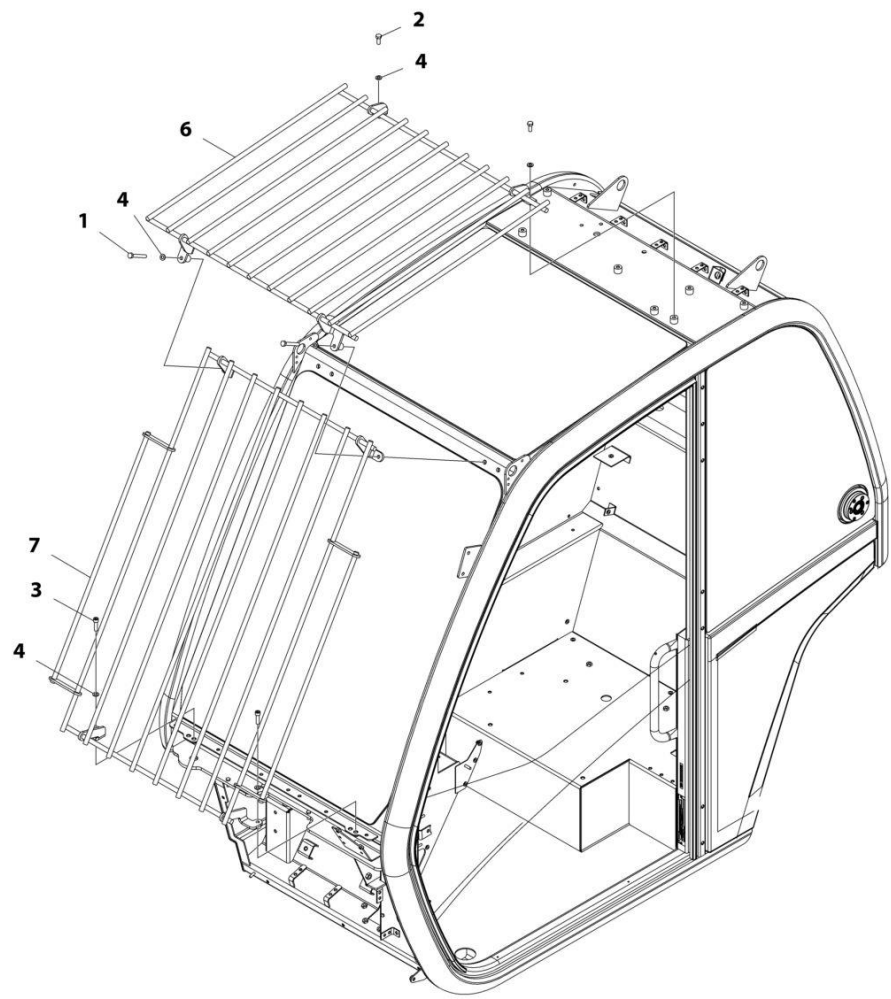
ART_1001160506-G

FIGURE 6-59. 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 6-60. CAB GUARD INSTALLATION (TOP AND FRONT)



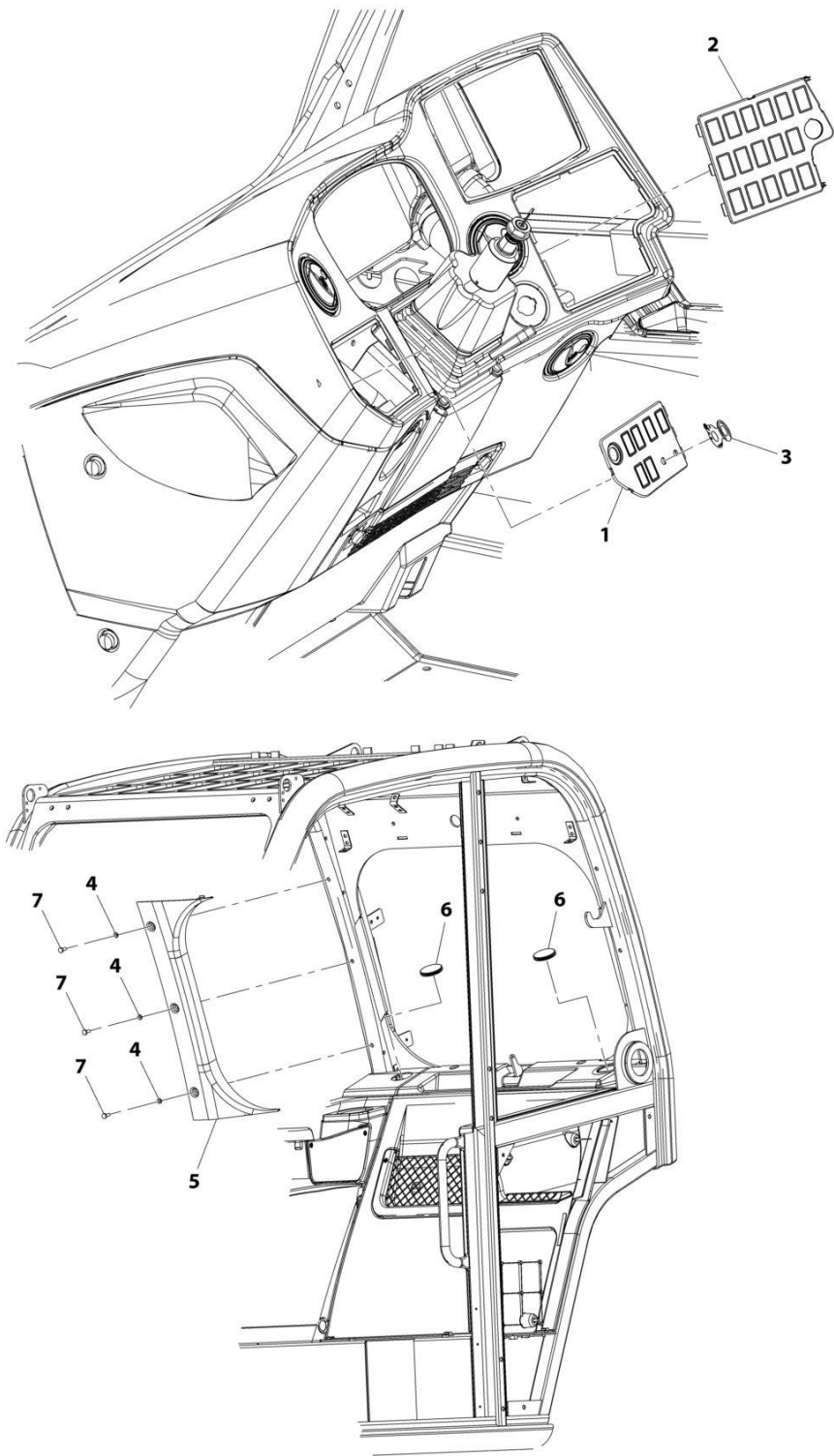
ART_1001172774

FIGURE 6-60. 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 6-61. COMMON CAB TRIM INSTALLATION



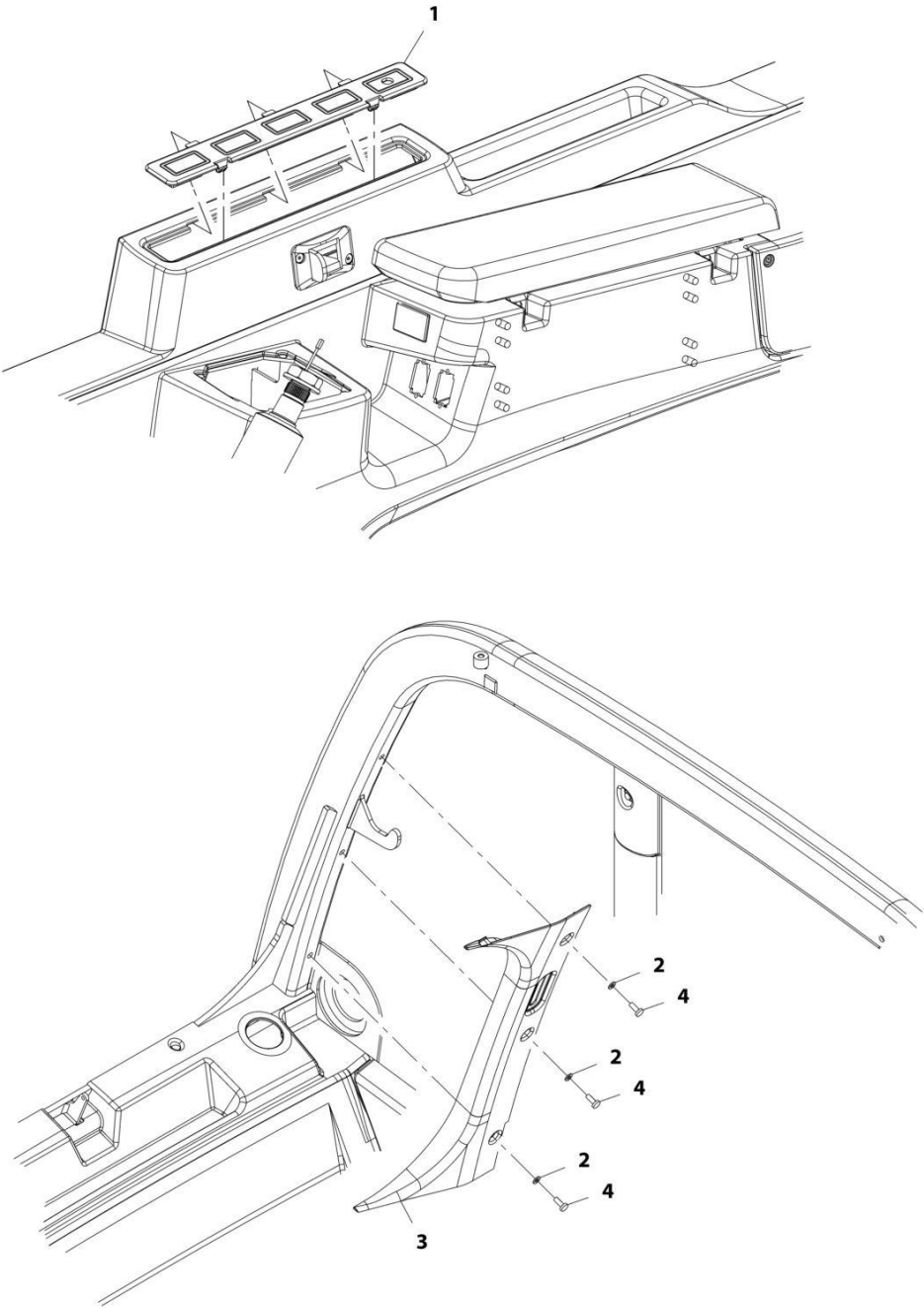
ART_1001200694-D

FIGURE 6-61. COMMON CAB TRIM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200694	Ref	Common Cab Trim Installation	D
1	1001219864	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, M6X16	

SECTION 6 - CAB

FIGURE 6-62. CAB TRIM INSTALLATION



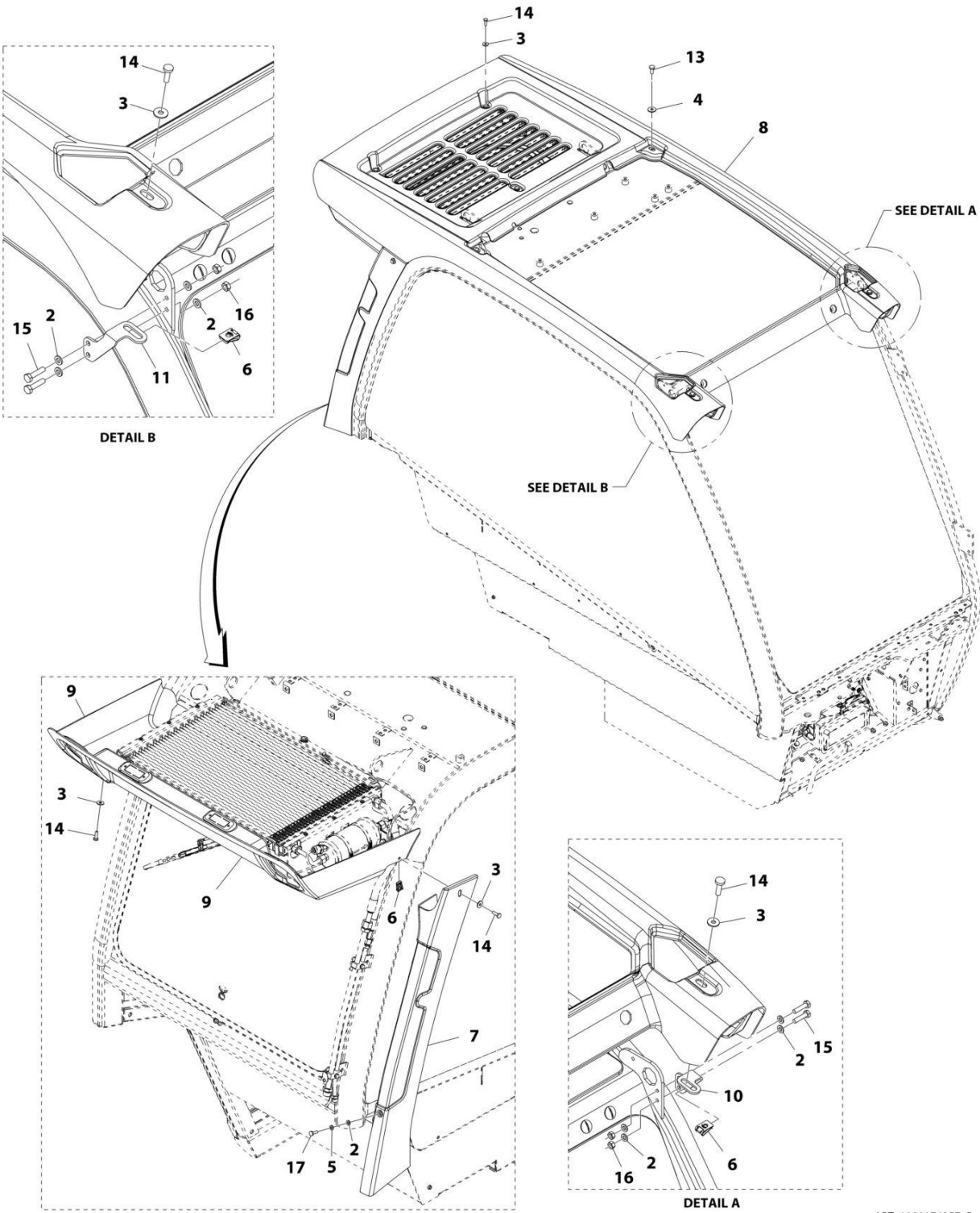
ART_1001201207-B

FIGURE 6-62. 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 6-63. ROOF CAP INSTALLATION (A/C)



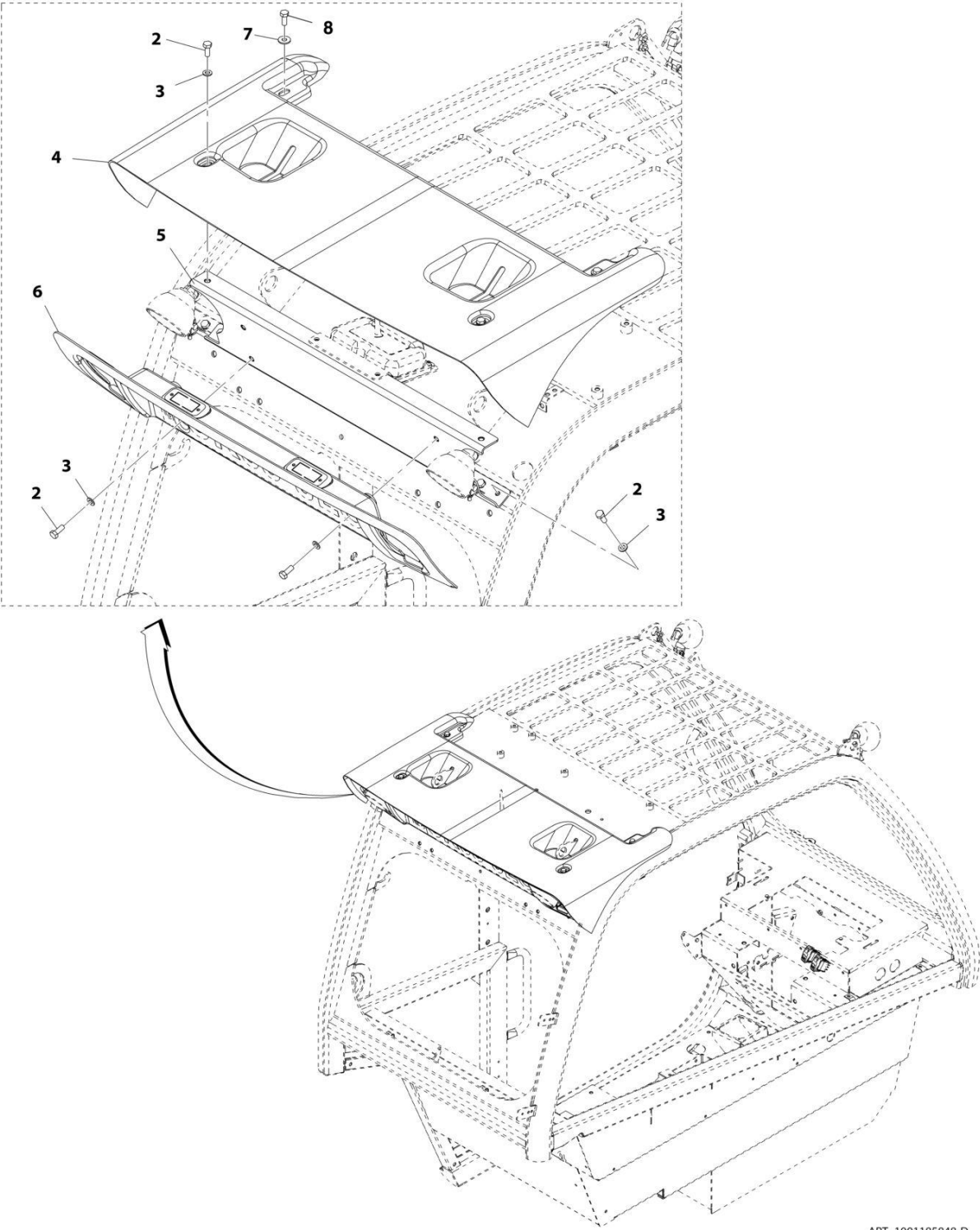
ART_1001176257-G

FIGURE 6-63. 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 6-64. ROOF CAP INSTALLATION (NO A/C)



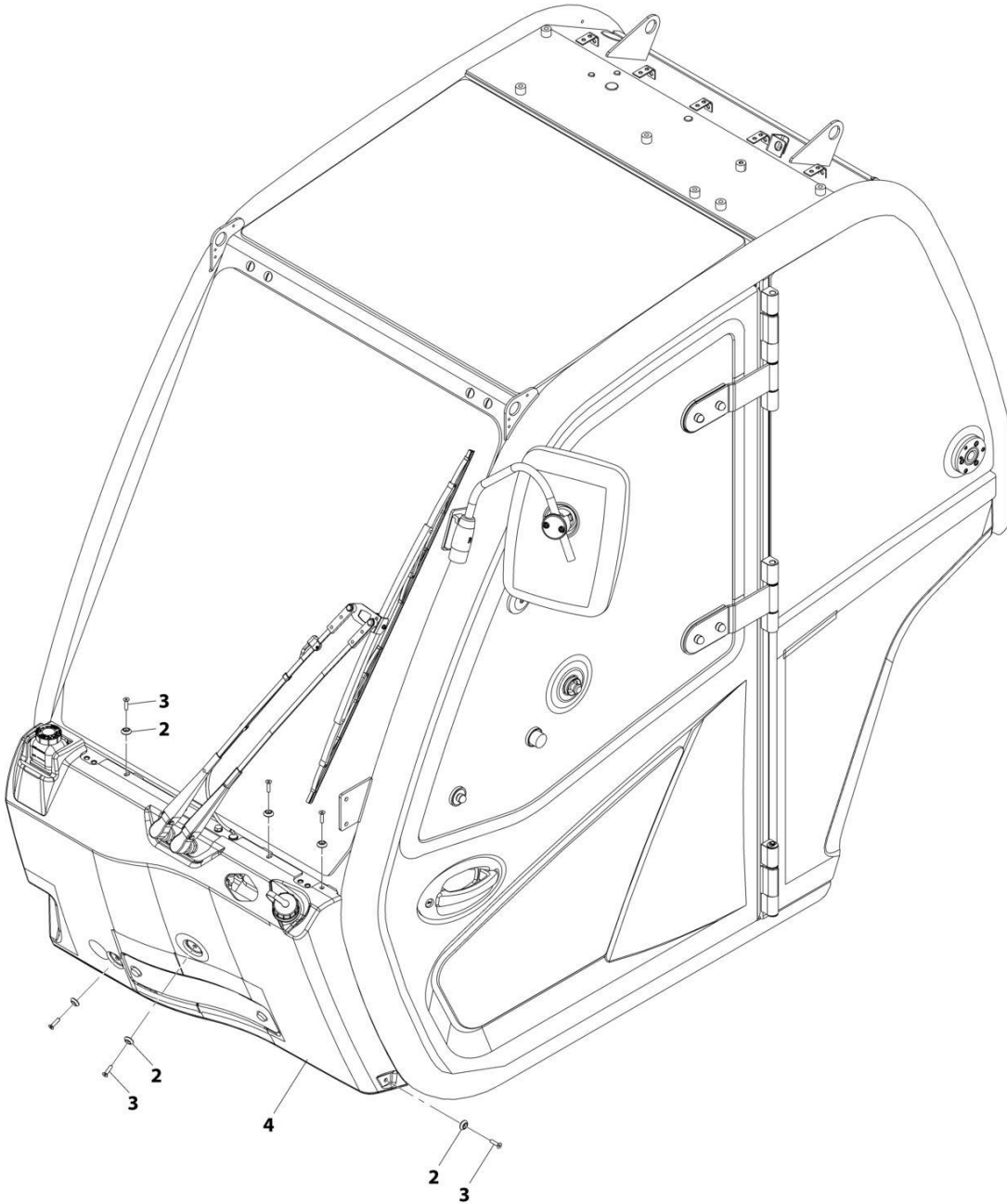
ART_1001185848-D

FIGURE 6-64. 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 6-65. FRONT NOSE CONE INSTALLATION (SIDELIGHT)



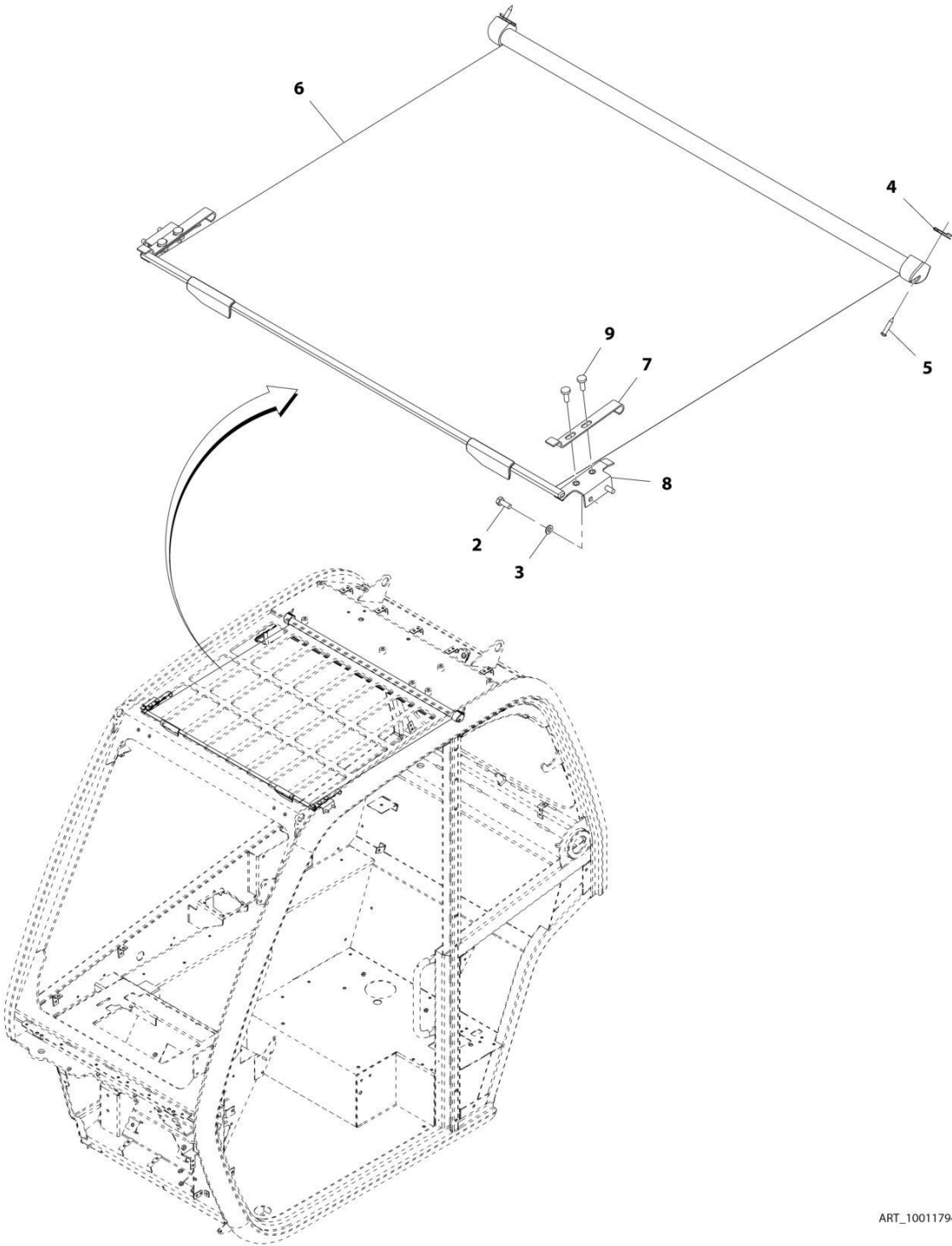
ART_1001179895-G

FIGURE 6-65. 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 6-66. RETRACTABLE SUNSCREEN INSTALLATION



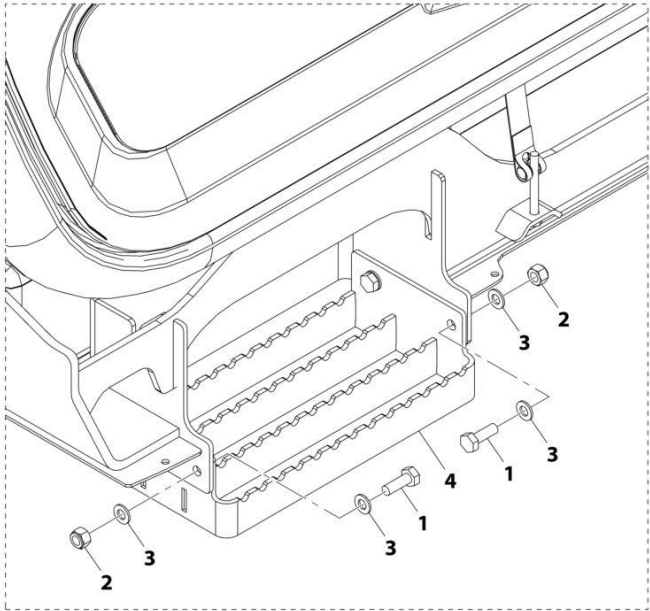
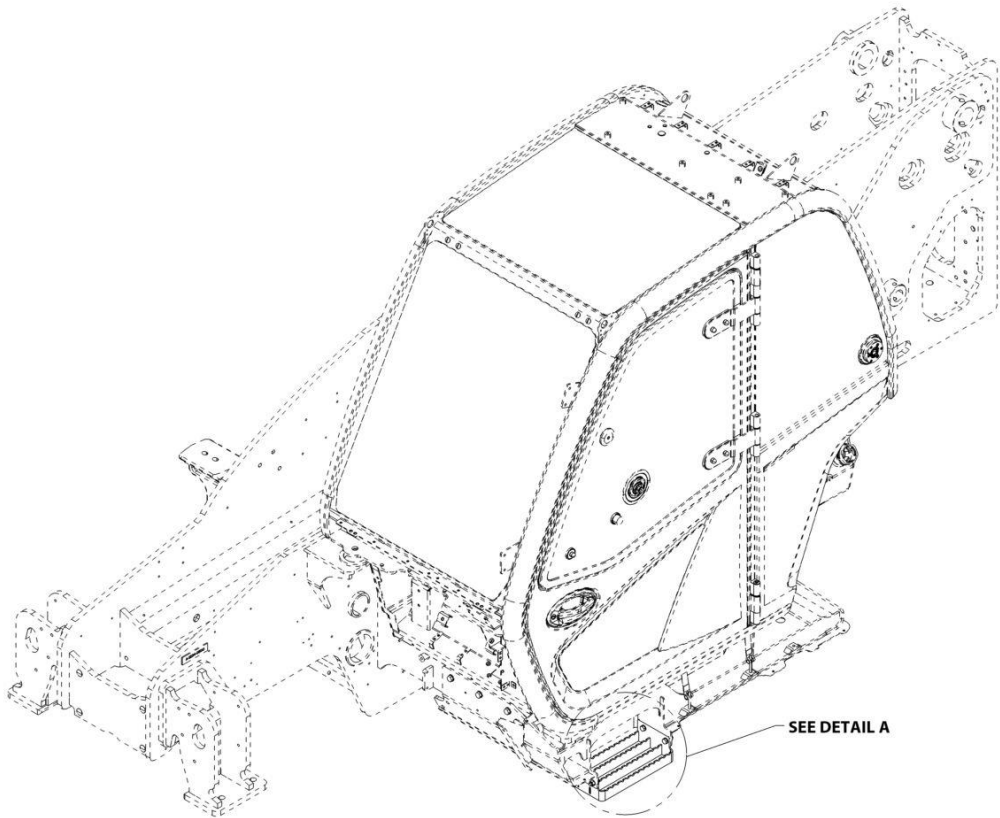
ART_1001179482-D

FIGURE 6-66. 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 6-67. CAB STEP INSTALLATION



DETAIL A

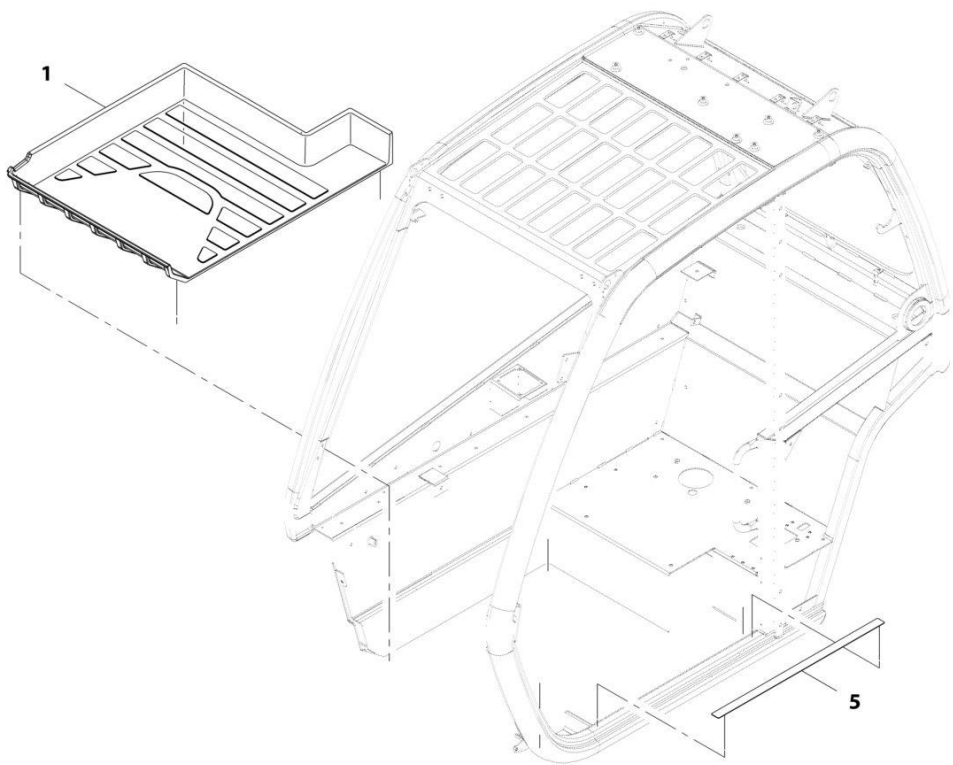
ART_1001198958-B

FIGURE 6-67. 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 6-68. FLOOR MAT INSTALLATION



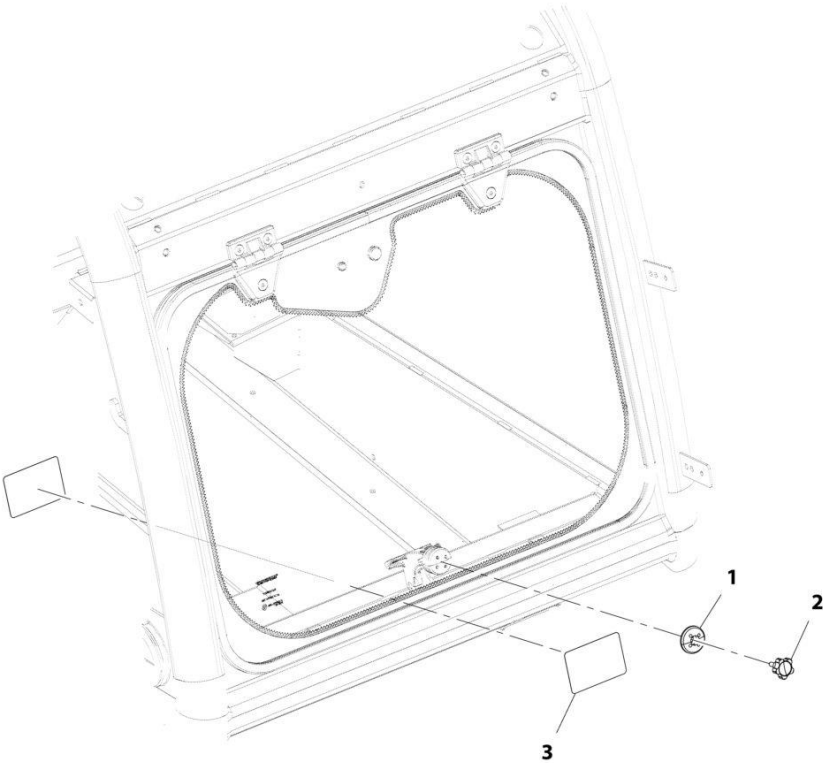
ART_1001161080-E

FIGURE 6-68. 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 6-69. EXTERNAL WINDOW RELEASE INSTALLATION (ANSI)



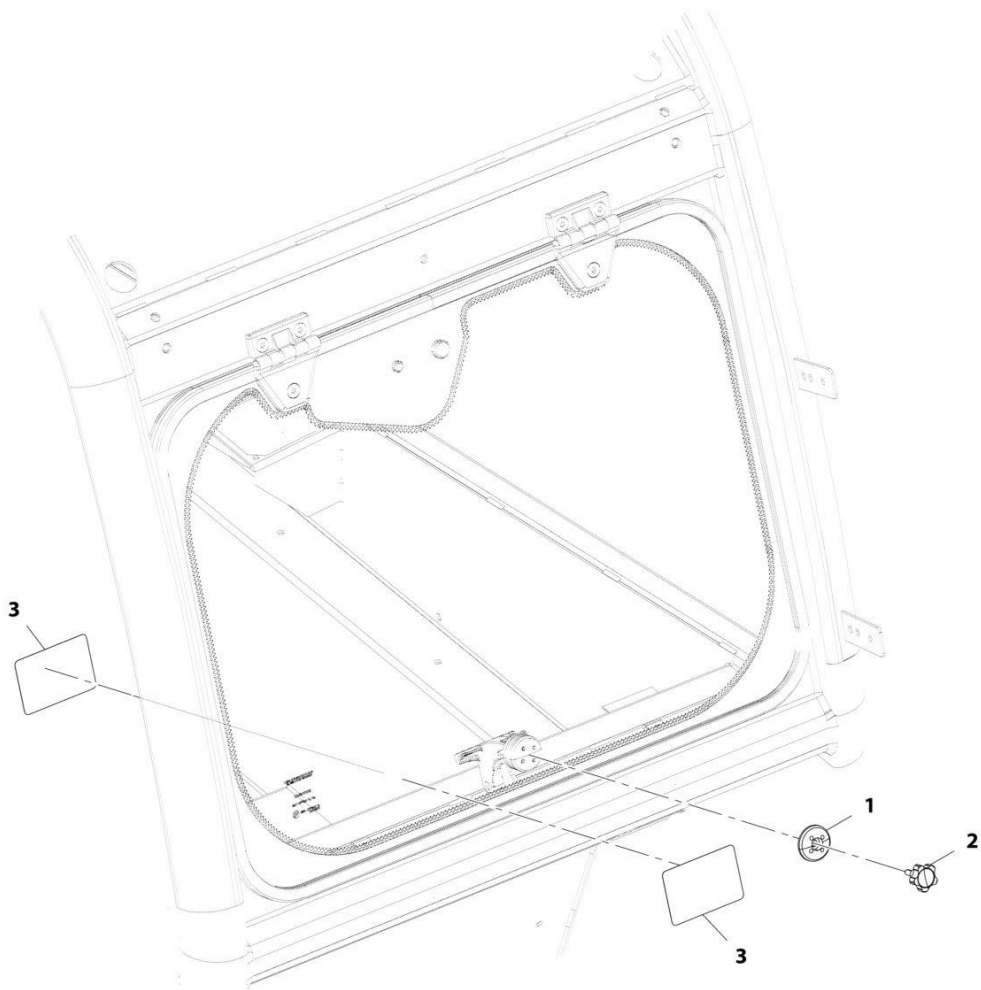
ART_1001212047-A

FIGURE 6-69. 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 6-70. EXTERNAL WINDOW RELEASE INSTALLATION (CAN)



ART_1001178826-C

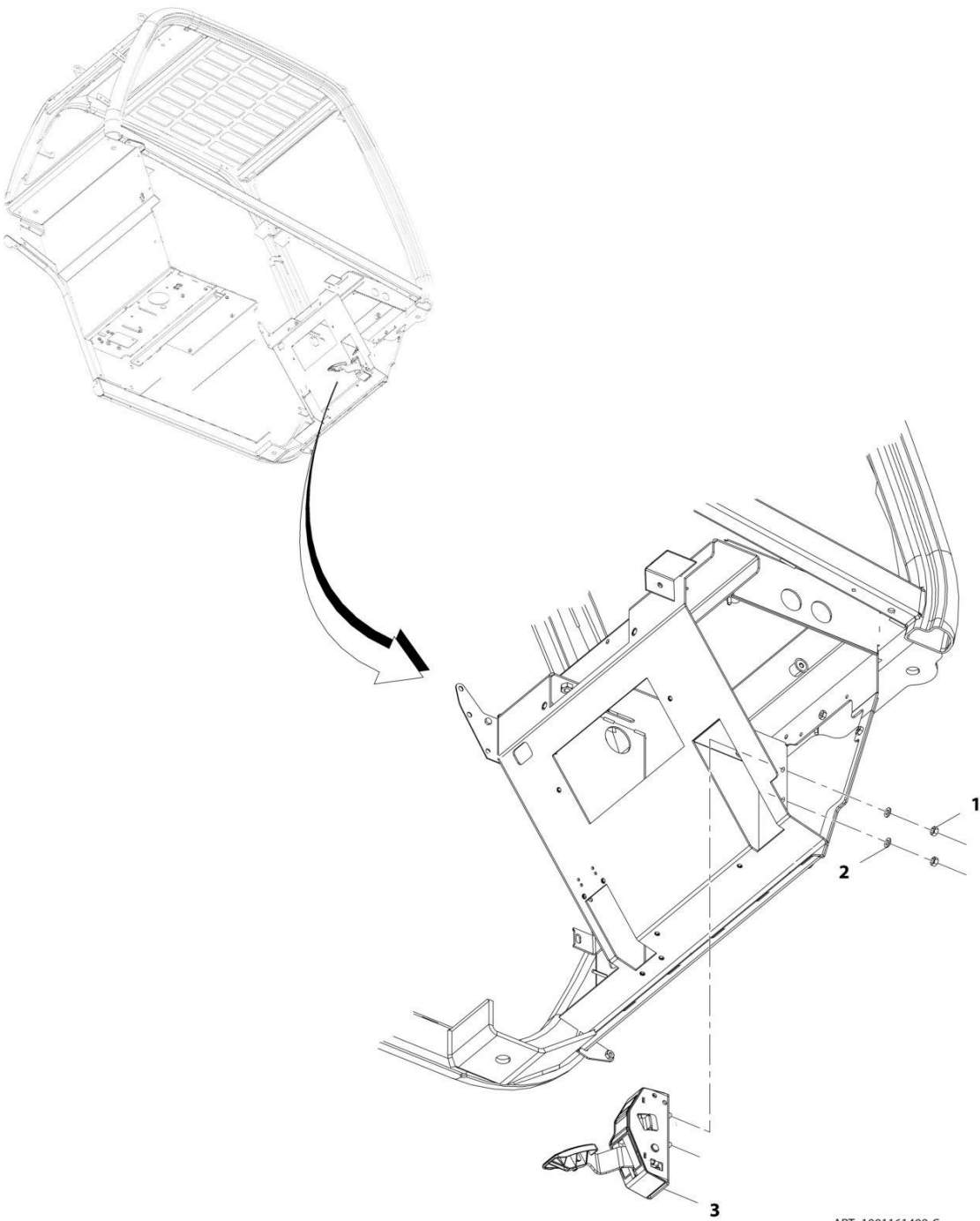
FIGURE 6-70. EXTERNAL WINDOW RELEASE INSTALLATION (CAN)

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

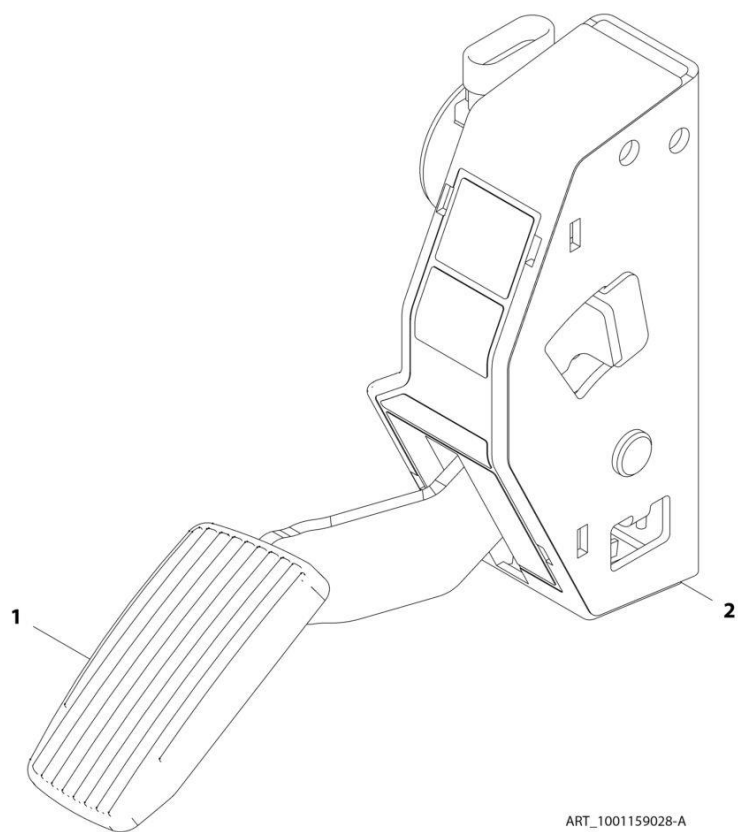
SECTION 7 - CONTROLS

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

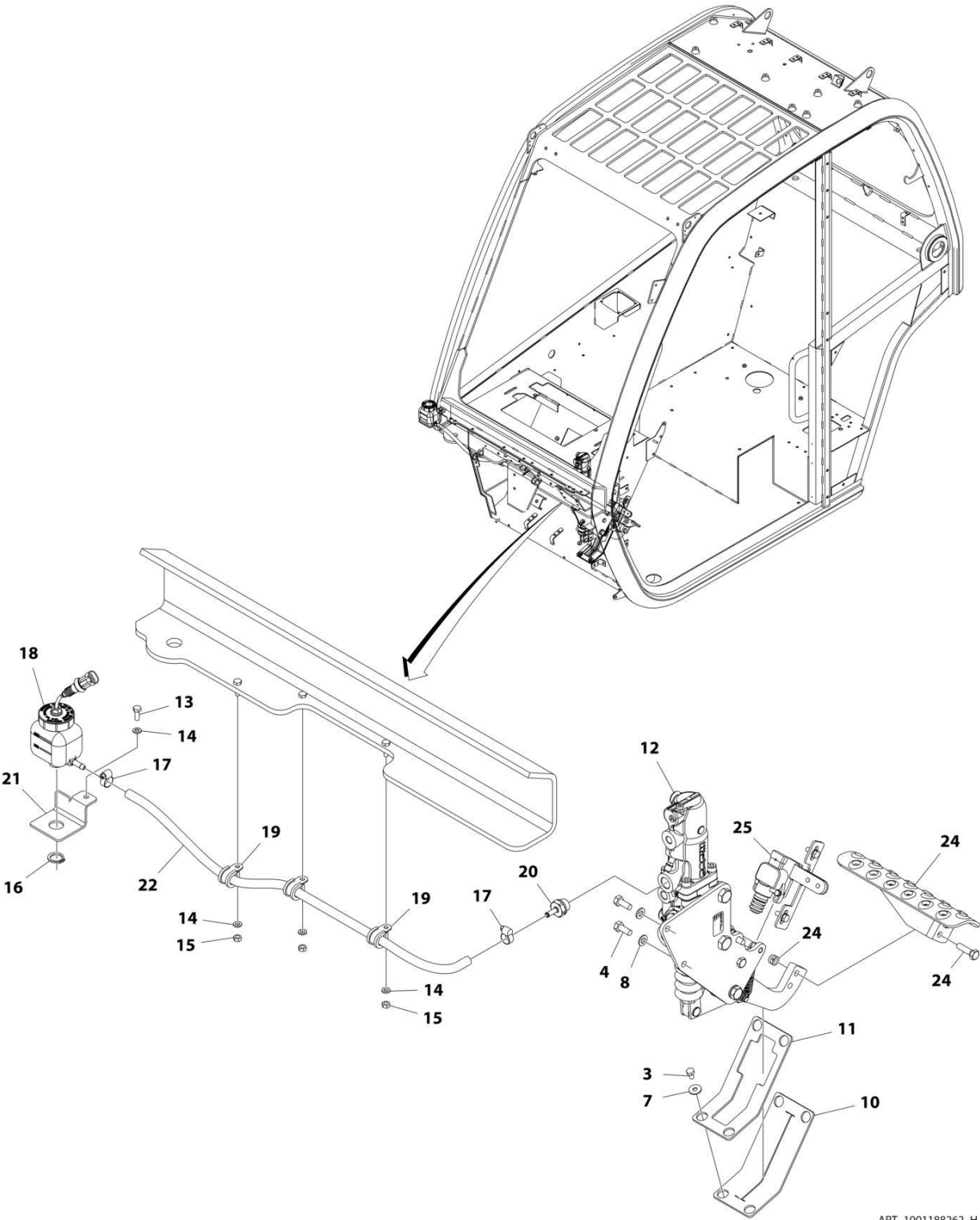
SECTION 7 - CONTROLS

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

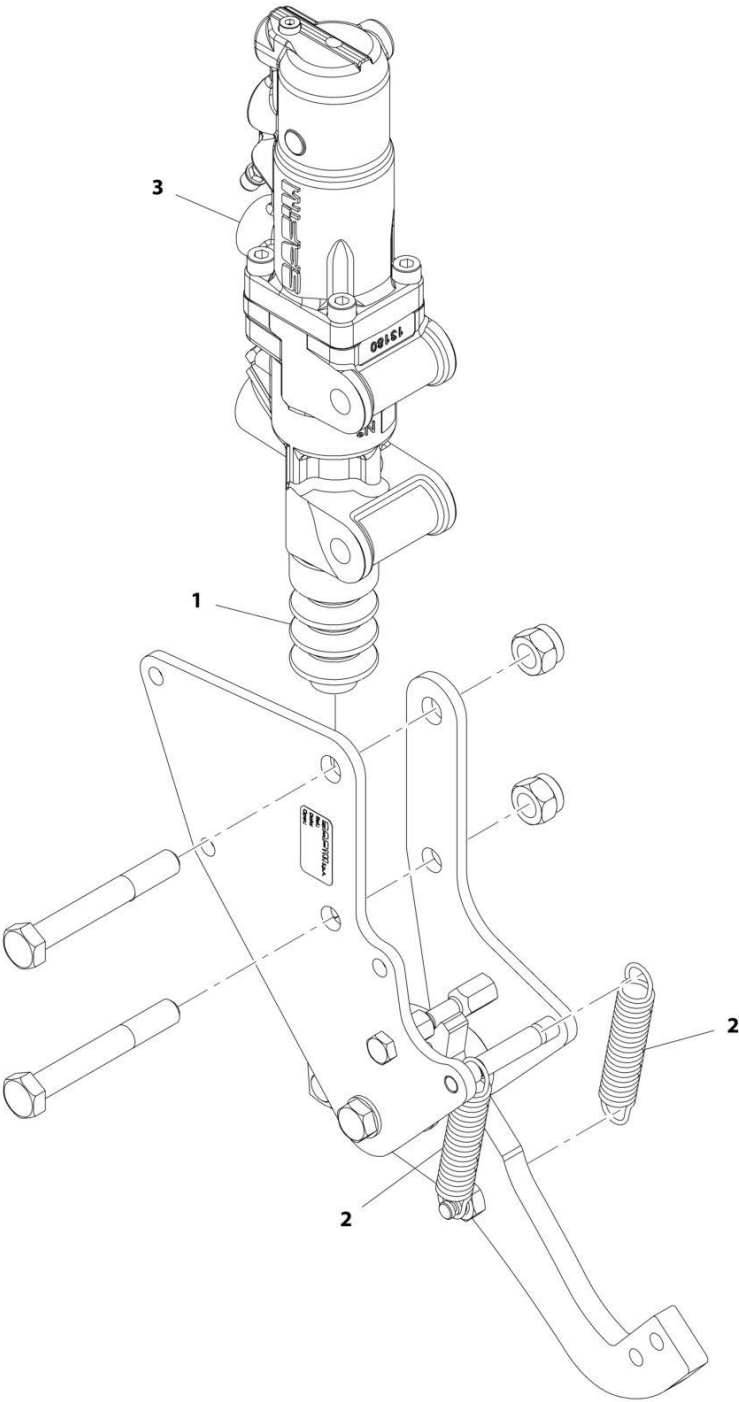
SECTION 7 - CONTROLS

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



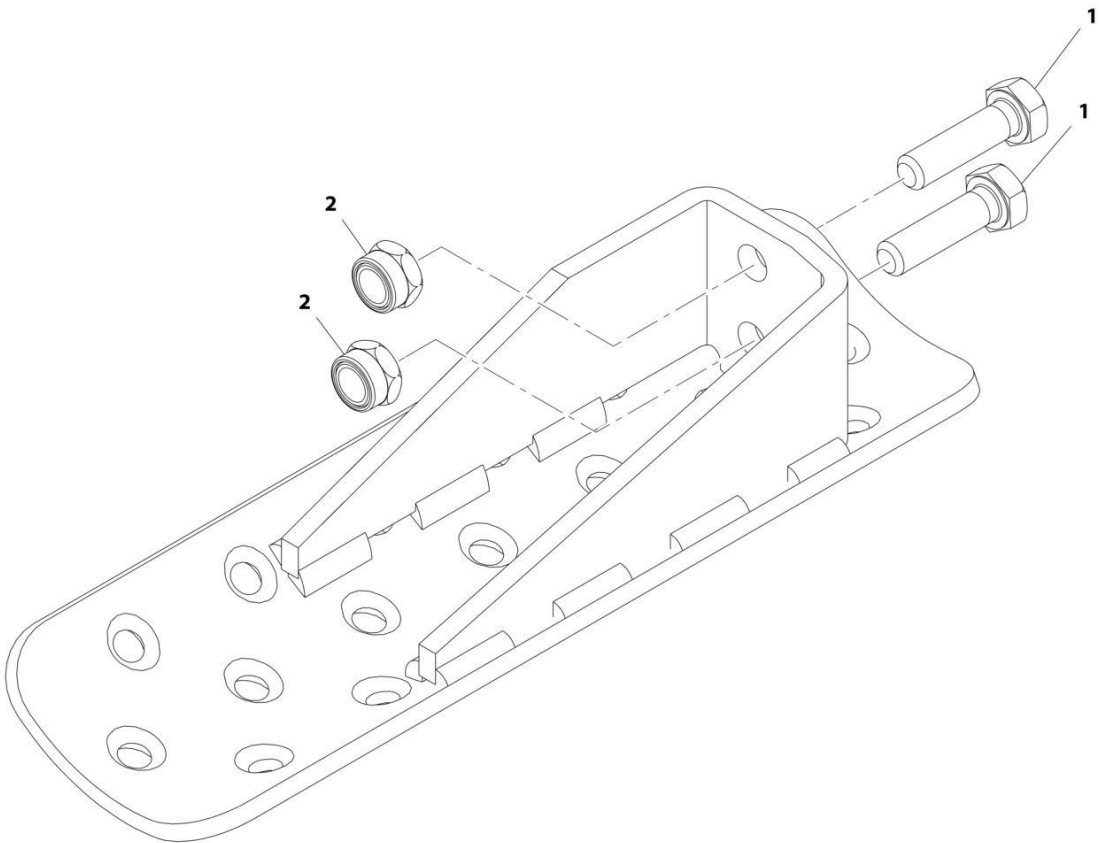
ART_1001187413-D

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

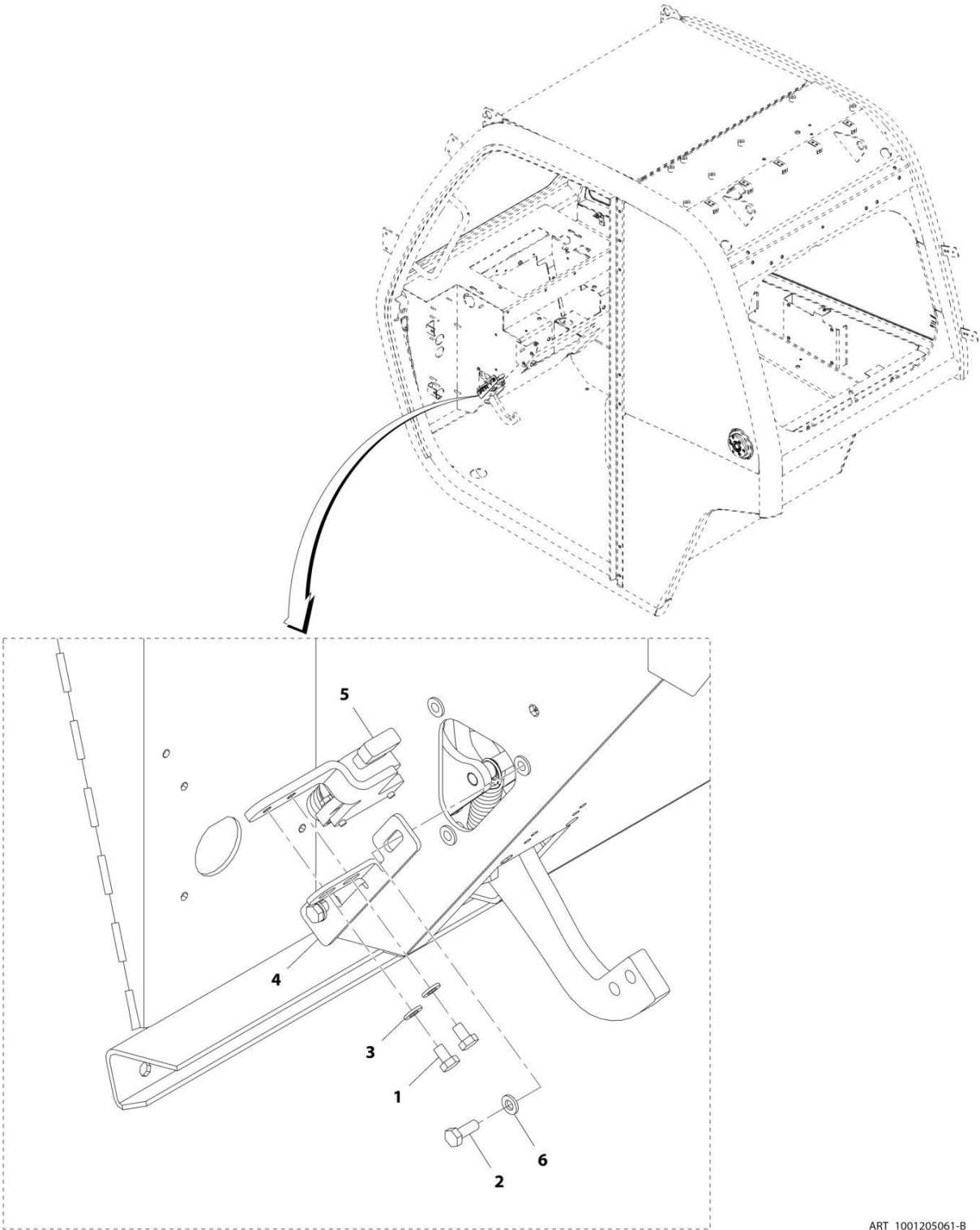
SECTION 7 - CONTROLS

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

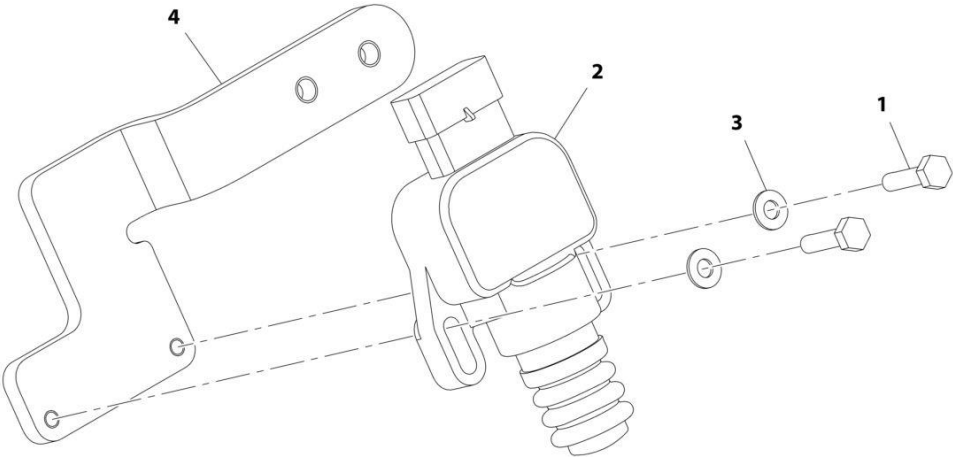
SECTION 7 - CONTROLS

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

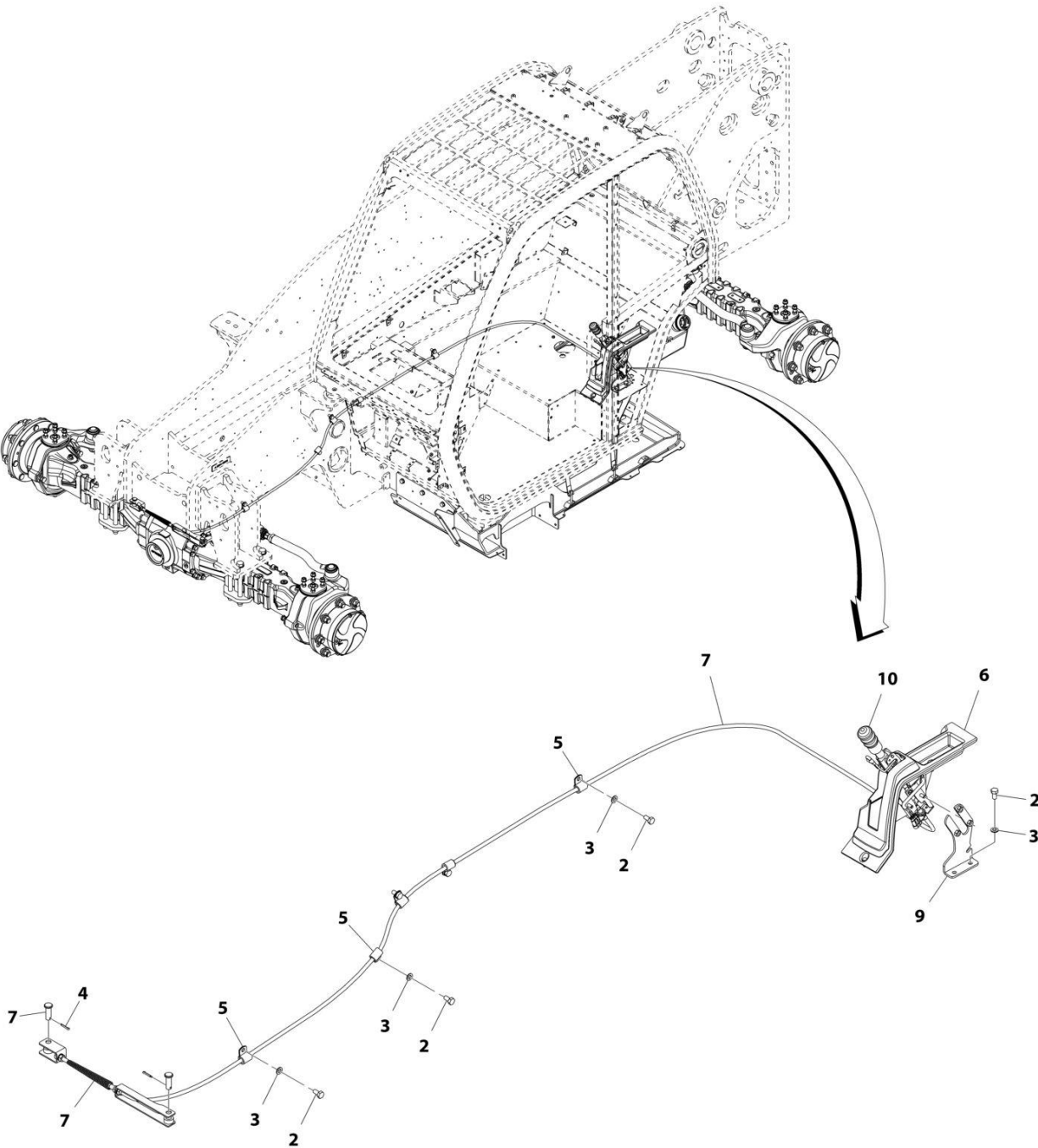
SECTION 7 - CONTROLS

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

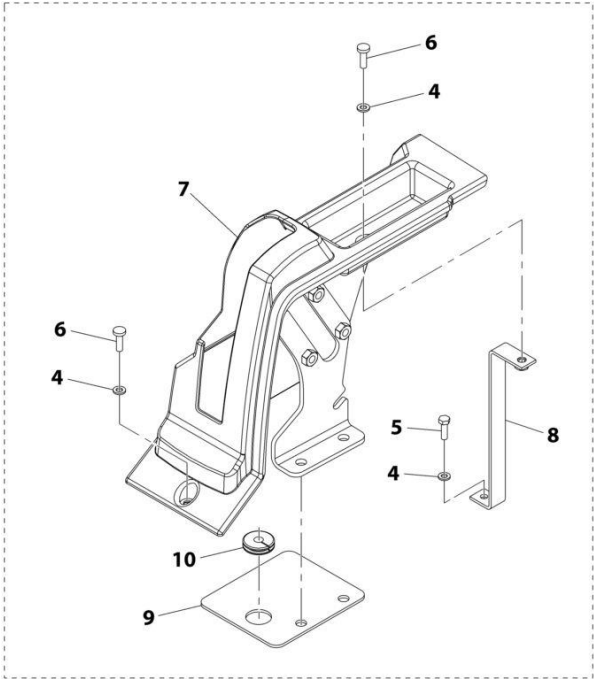
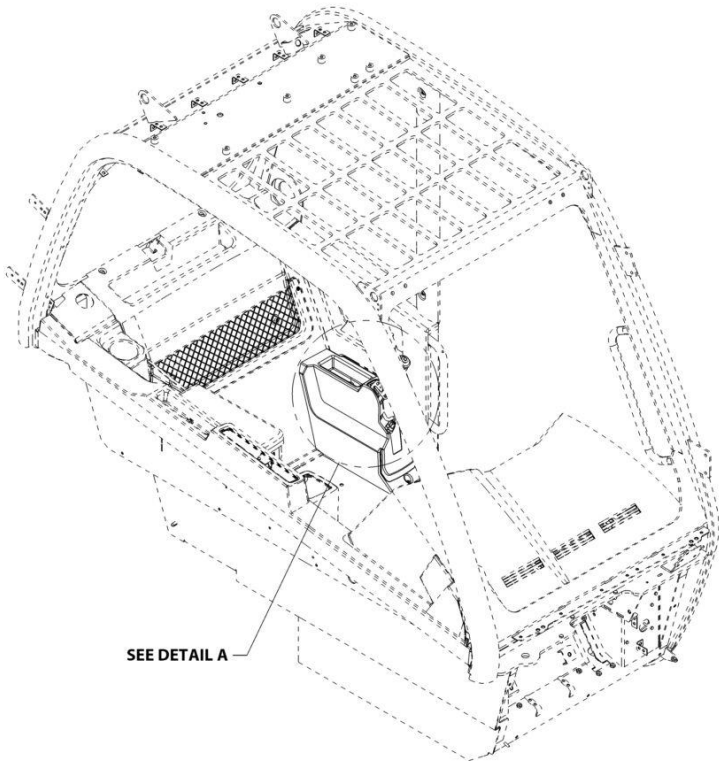
SECTION 7 - CONTROLS

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

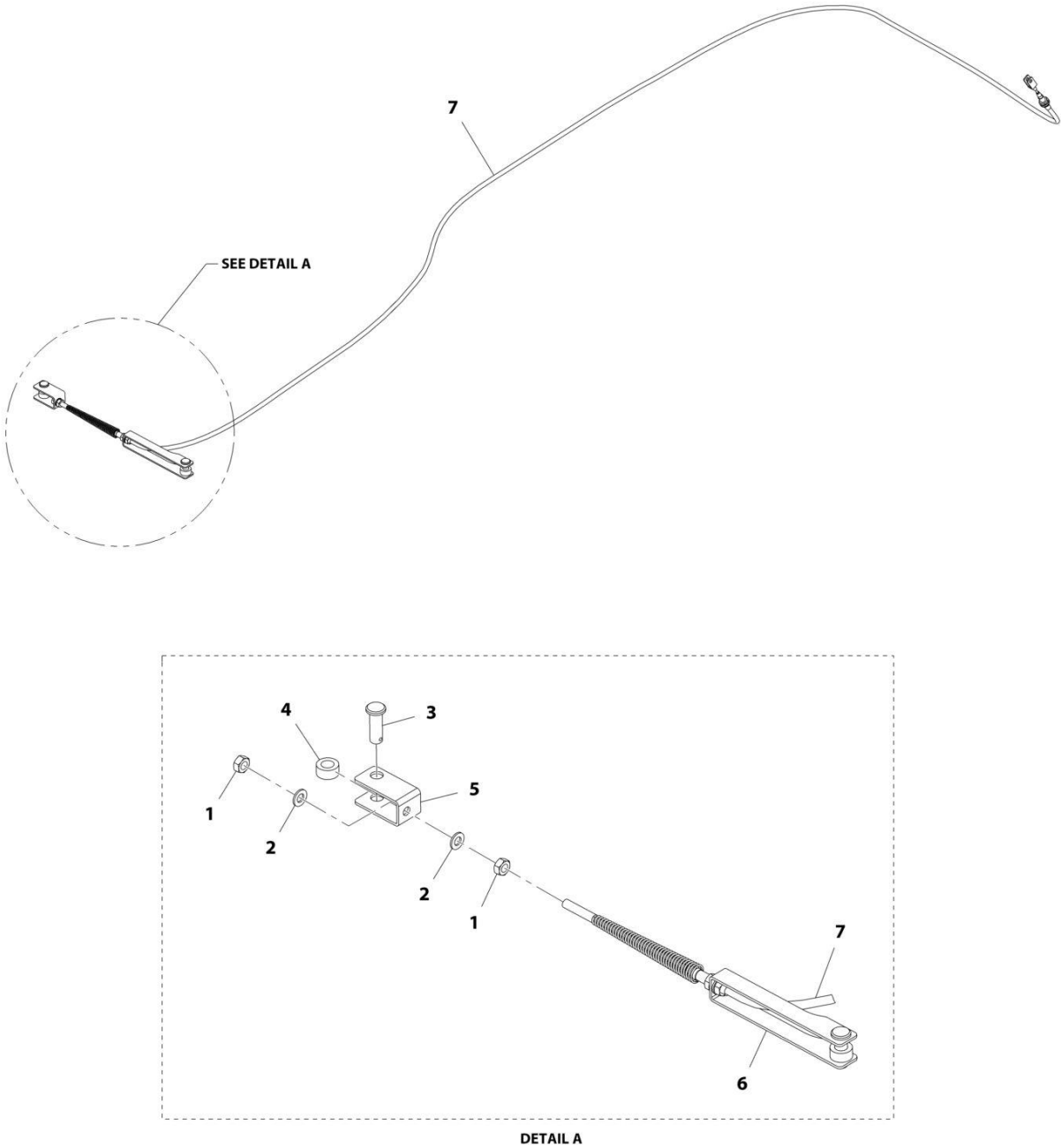
SECTION 7 - CONTROLS

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

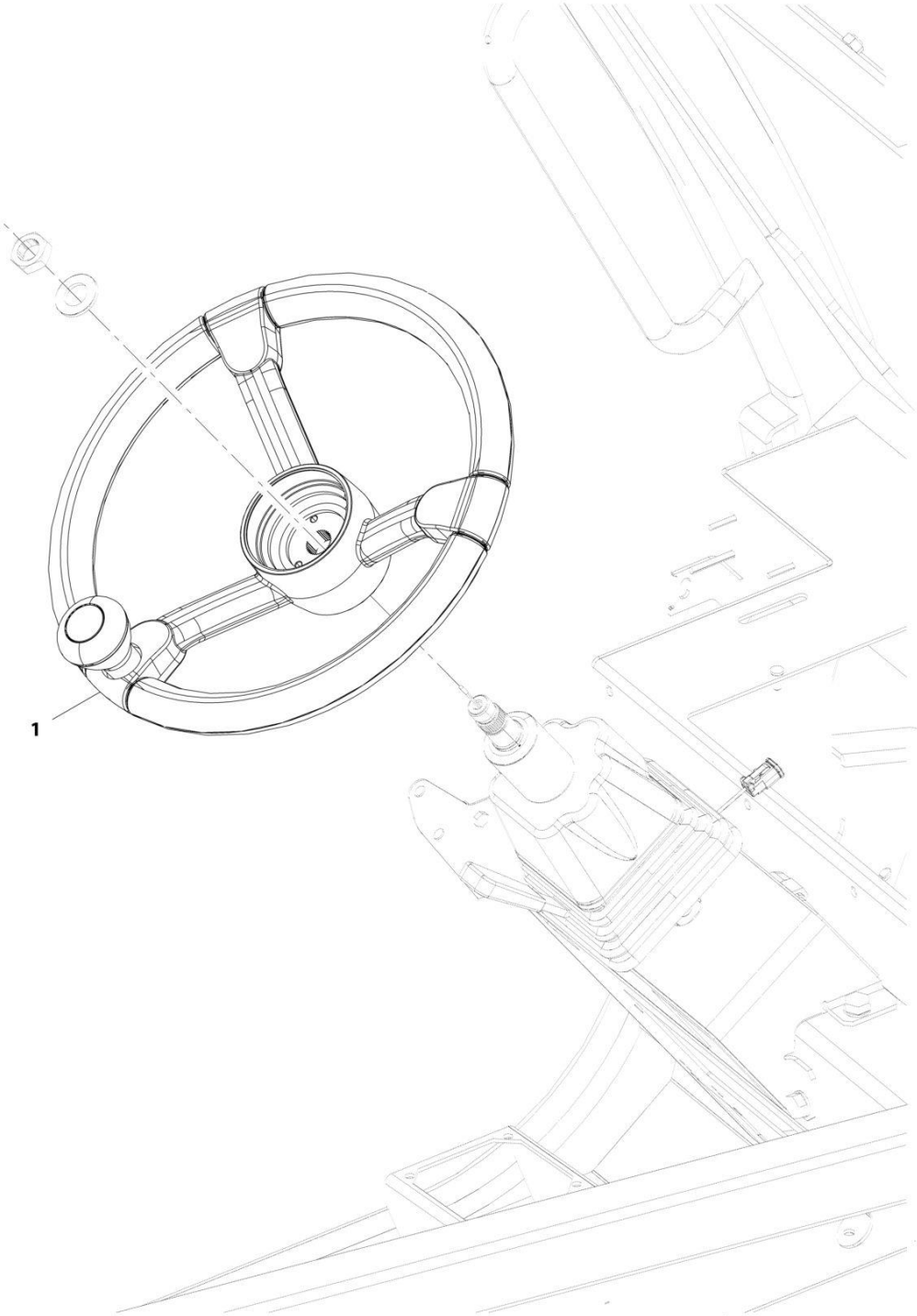
SECTION 7 - CONTROLS

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

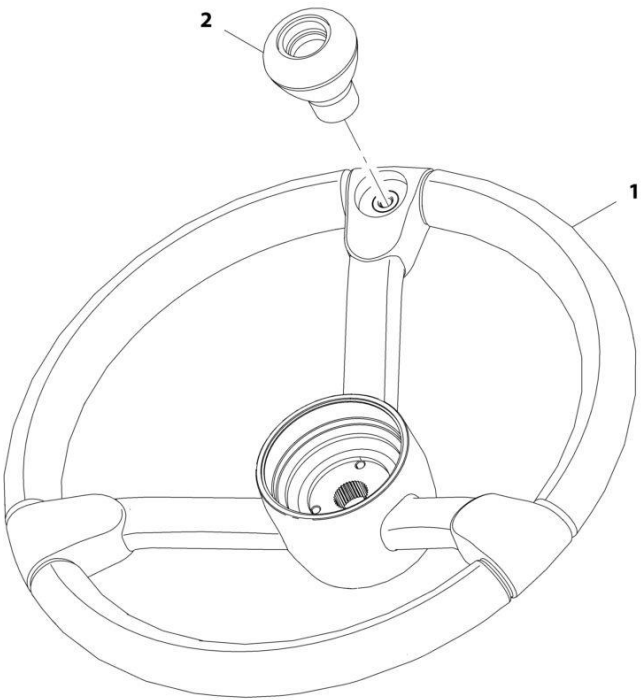
SECTION 7 - CONTROLS

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

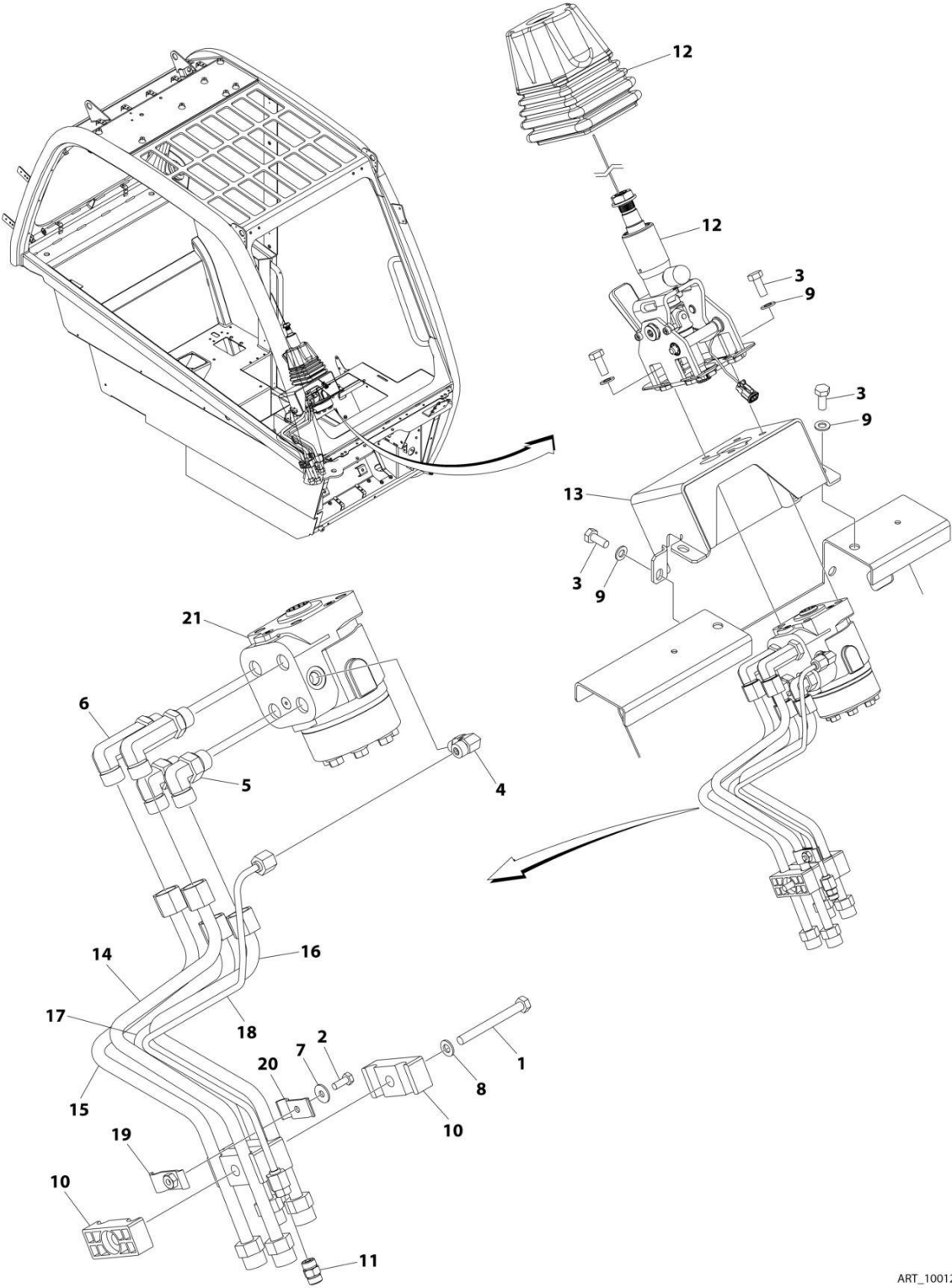
SECTION 7 - CONTROLS

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

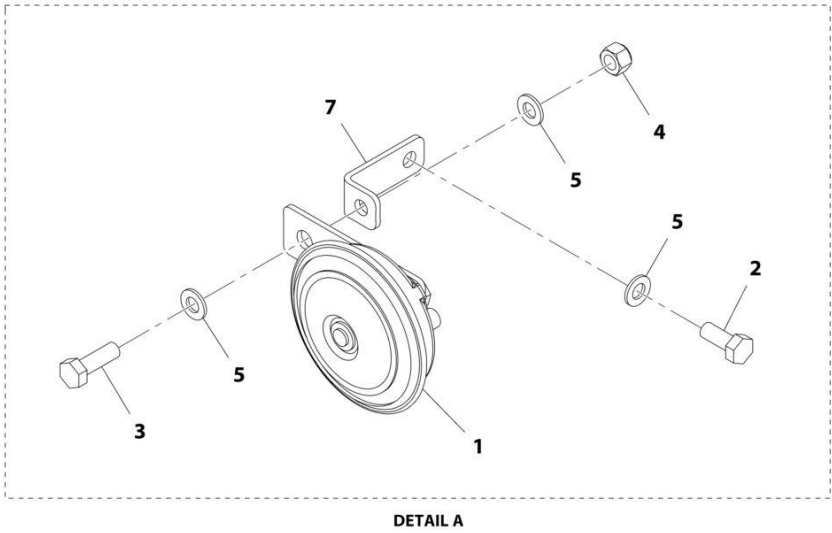
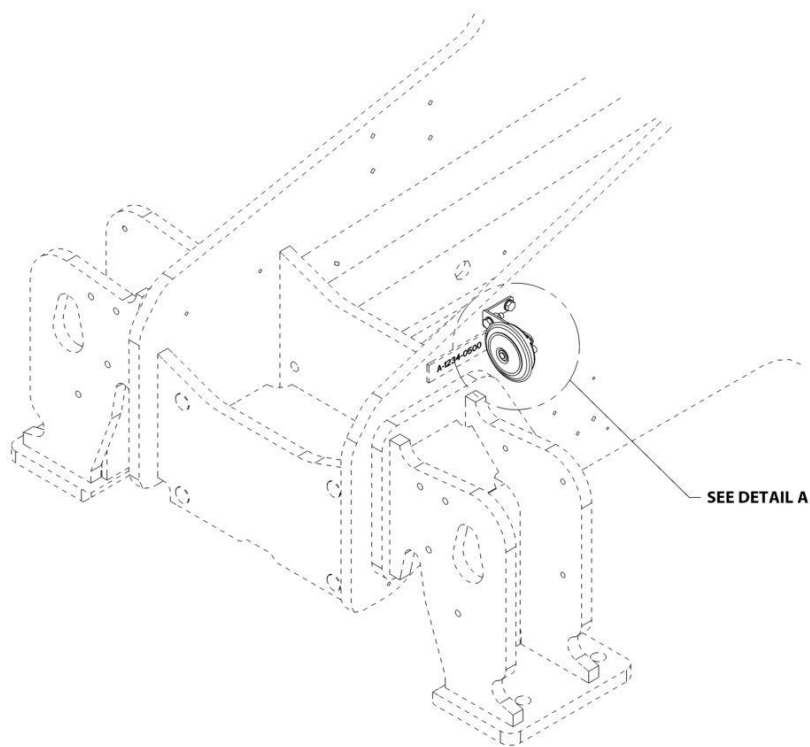
SECTION 7 - CONTROLS

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



ART_1001180418-C

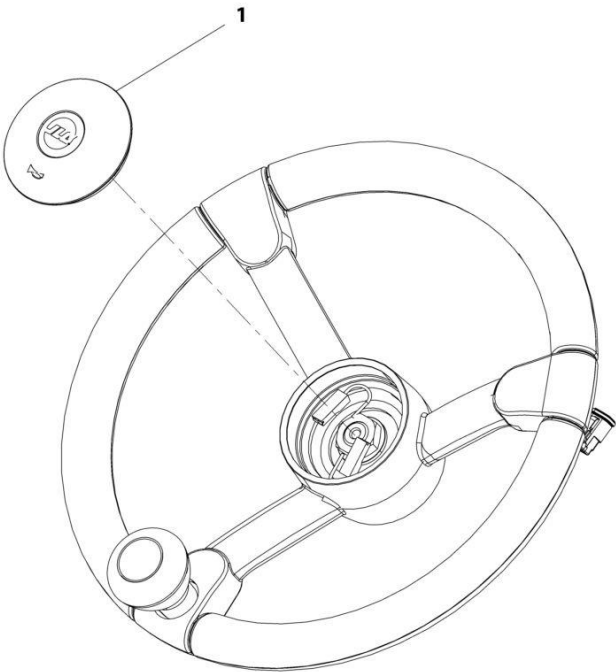
SECTION 7 - CONTROLS

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

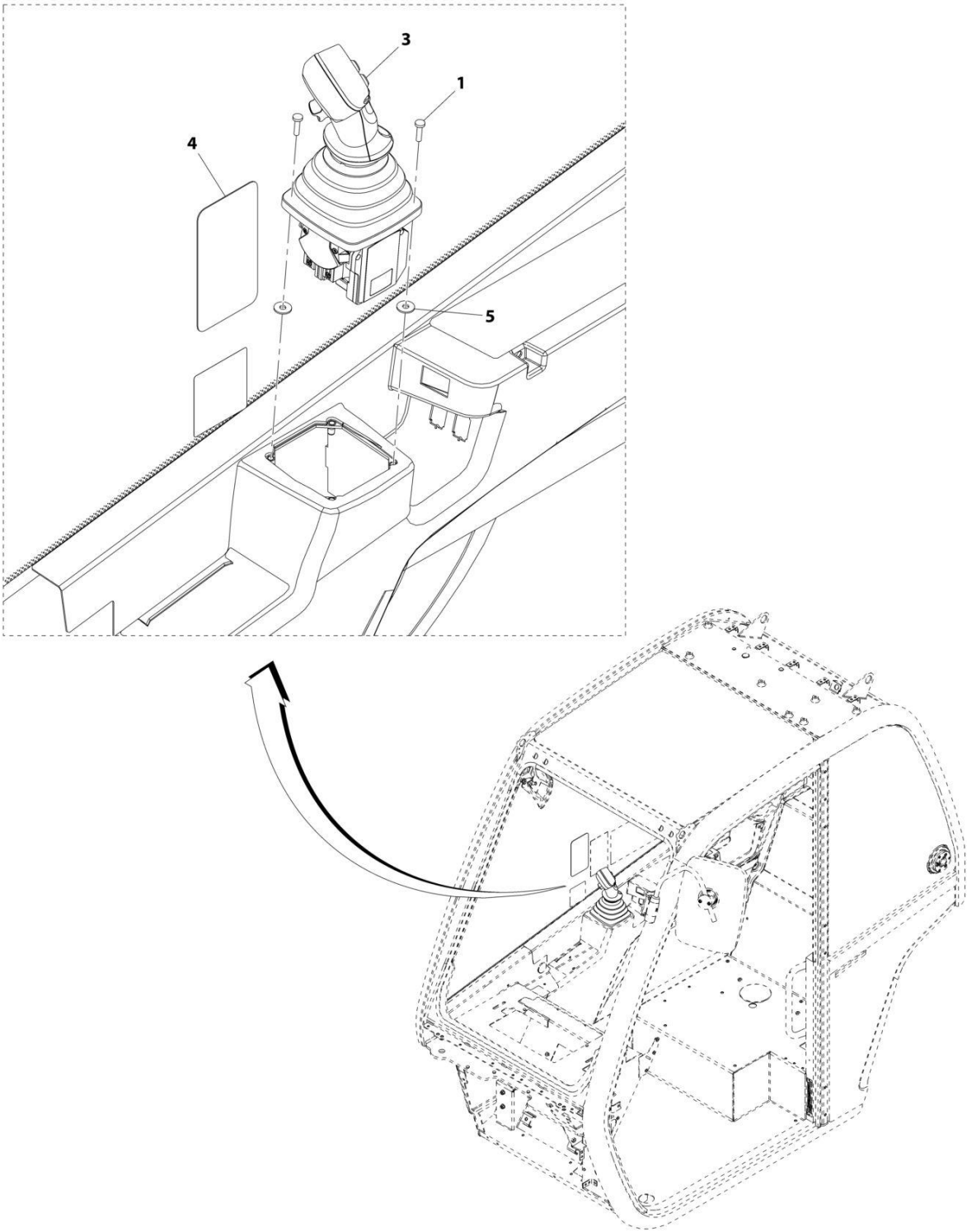
SECTION 7 - CONTROLS

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

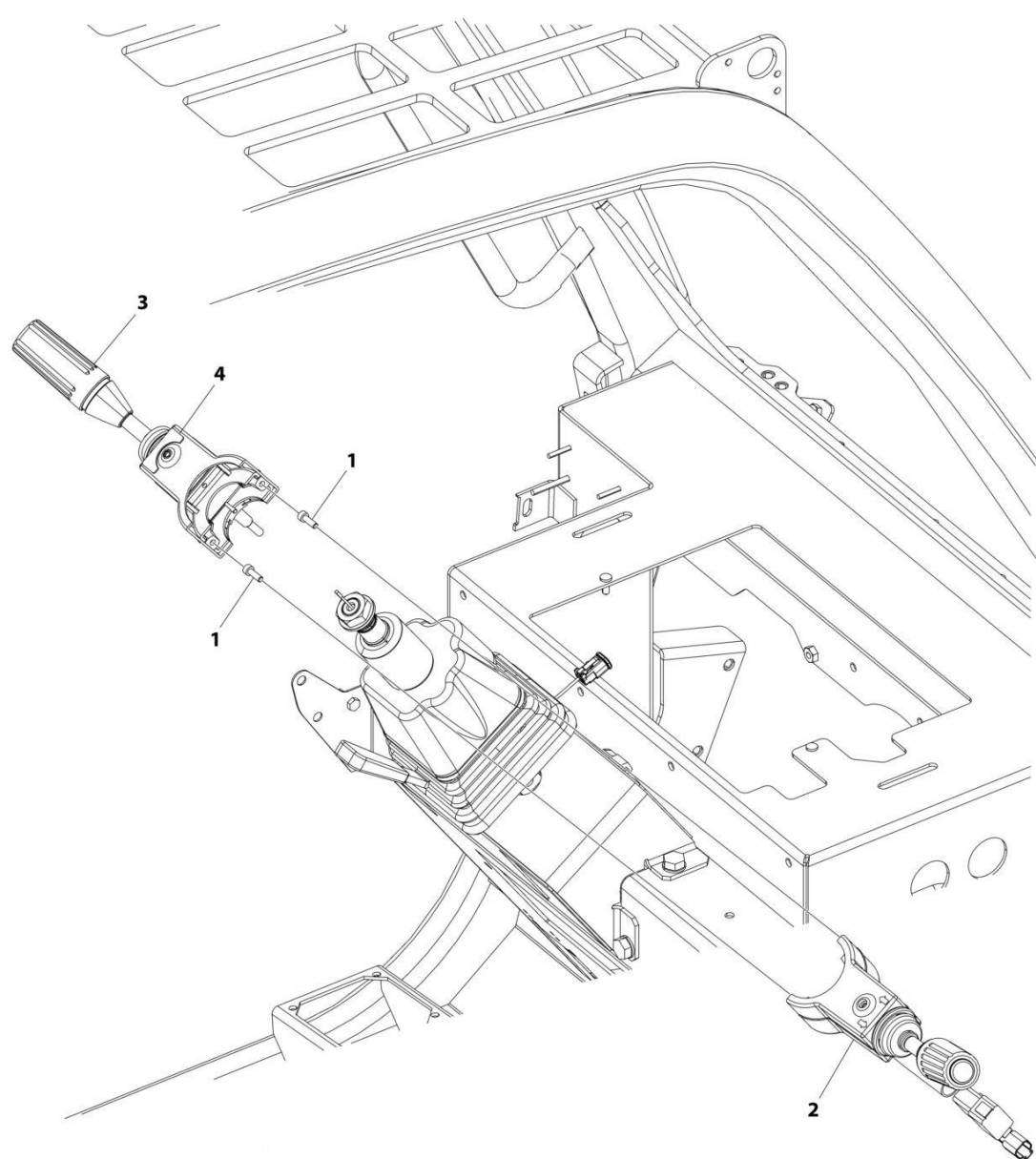
SECTION 7 - CONTROLS

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

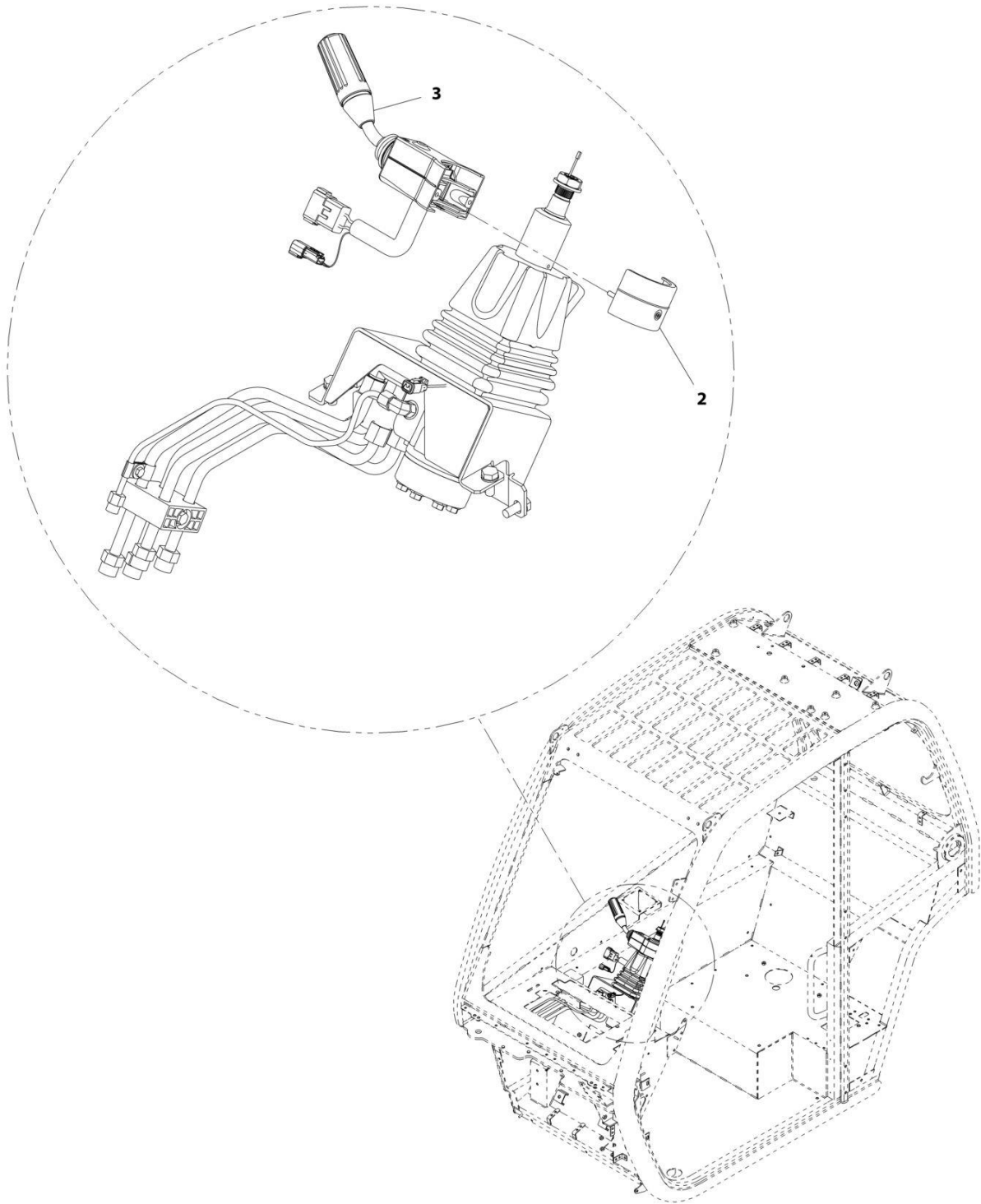
SECTION 7 - CONTROLS

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

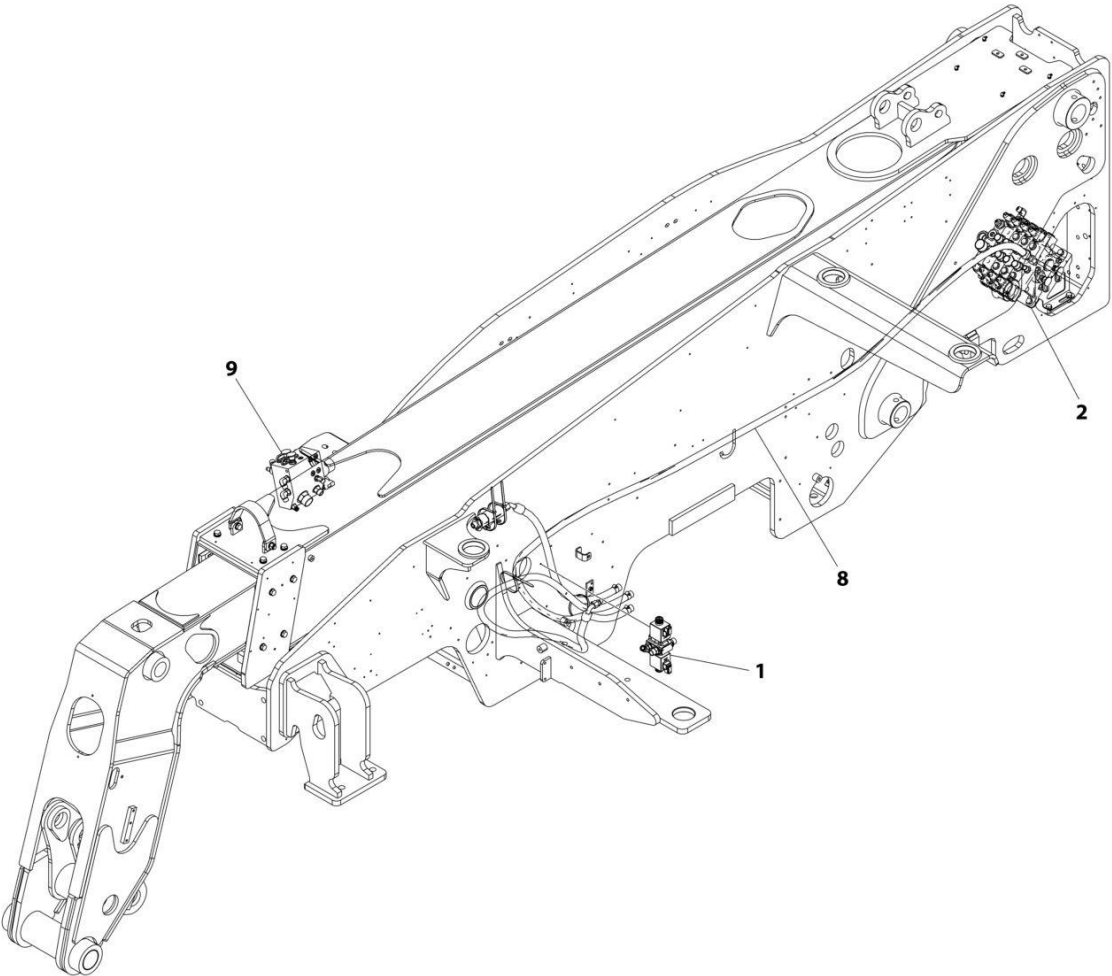
FIGURE 7-18. WIPER-TURN SWITCH (NO SPEED)

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

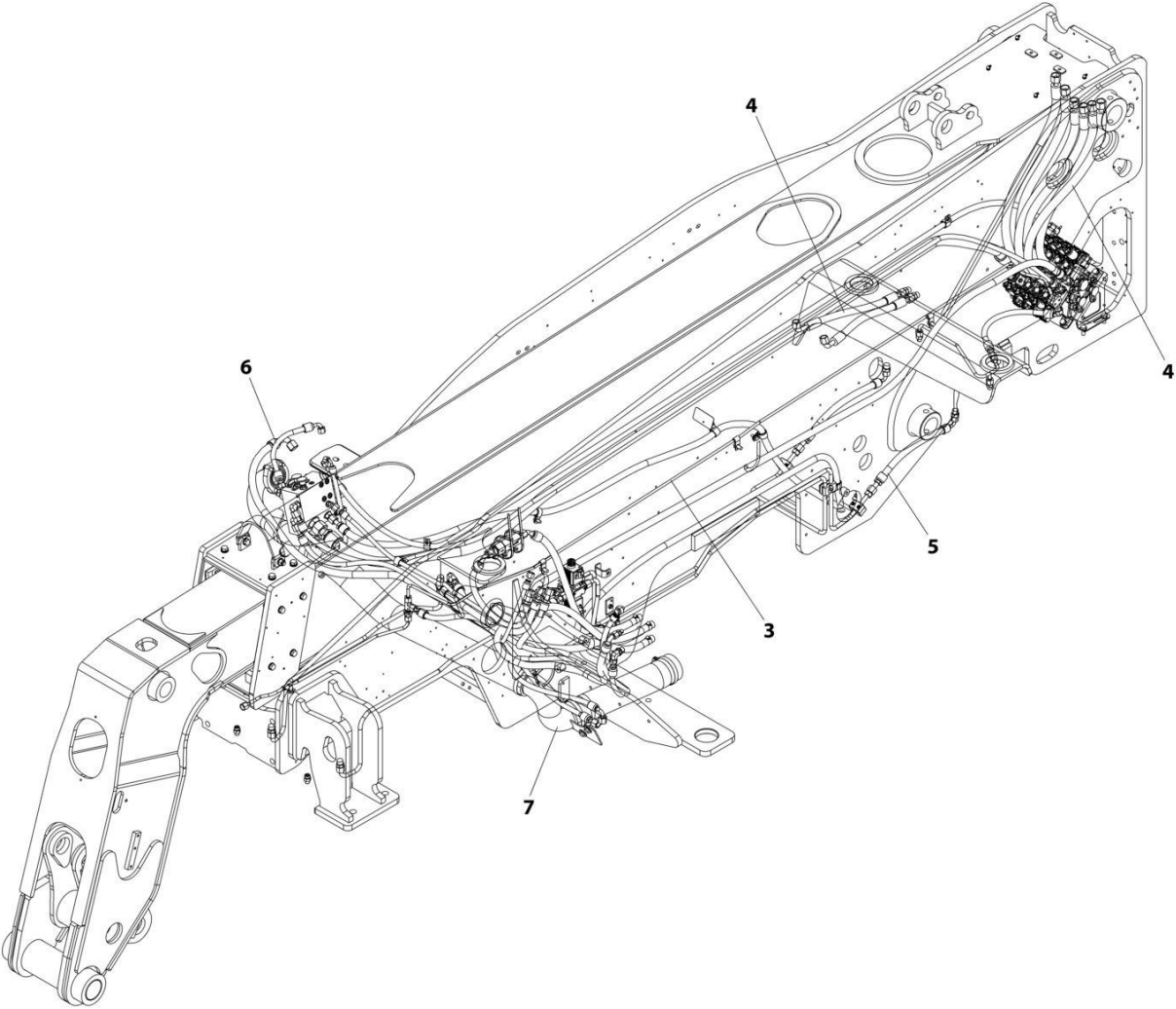
SECTION 8 - HYDRAULIC CIRCUITS

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. COMMON HYDRAULICS INSTALLATION



ART_1001258627_10F2



ART_1001258627_20F2

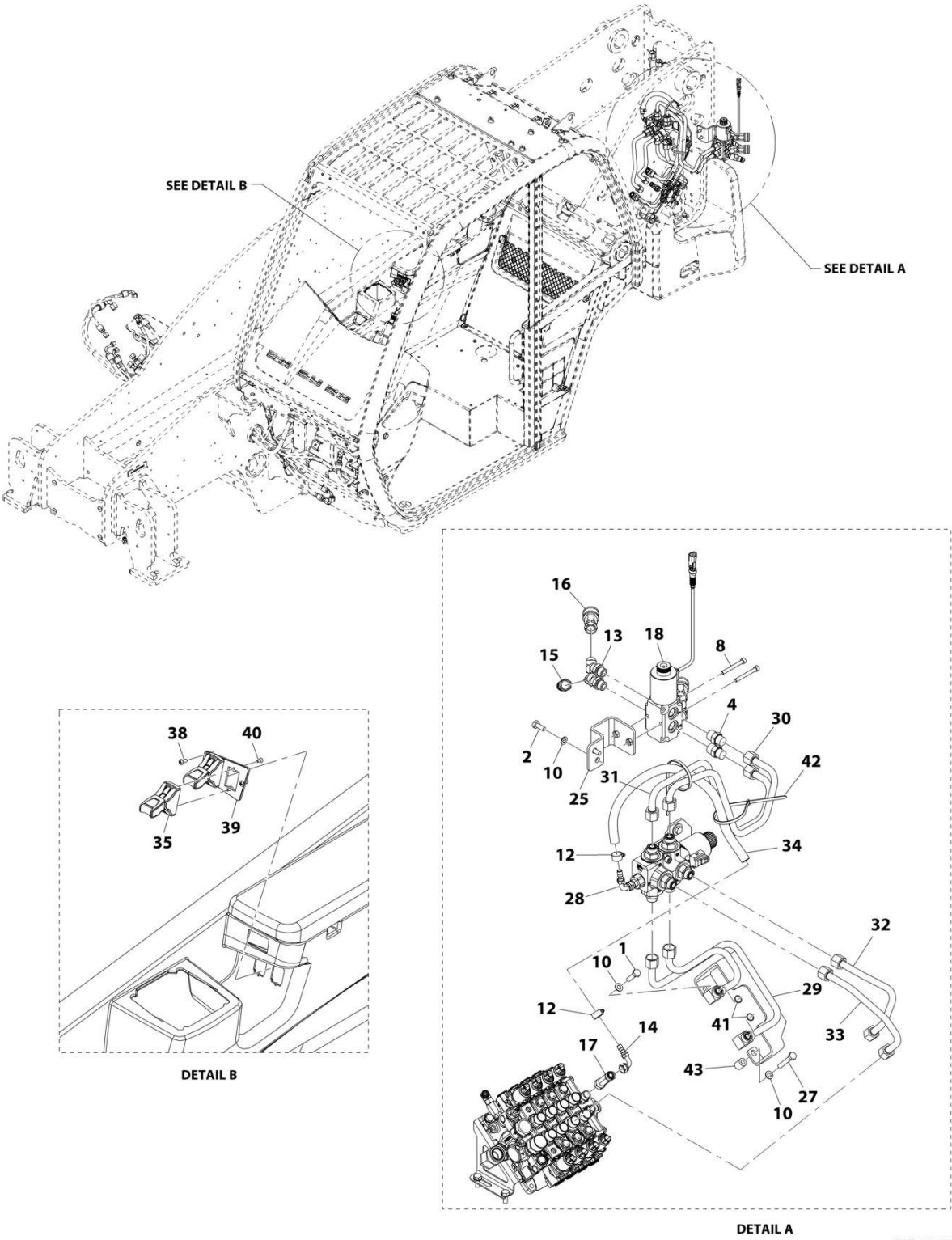
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. COMMON HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258627	Ref	HYDRAULICS INSTALLATION	D
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	1001173023	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)



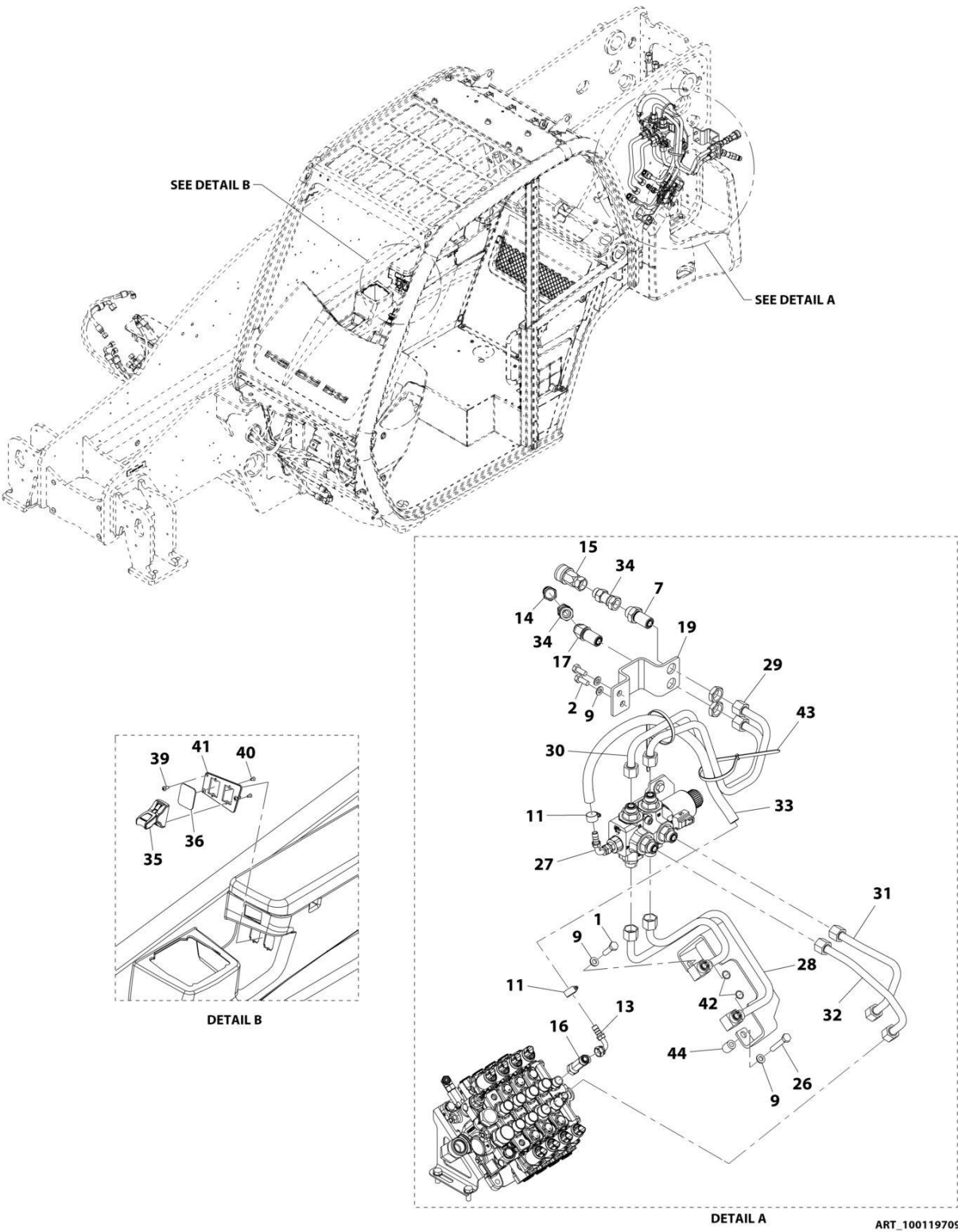
SECTION 8 - HYDRAULIC CIRCUITS

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)



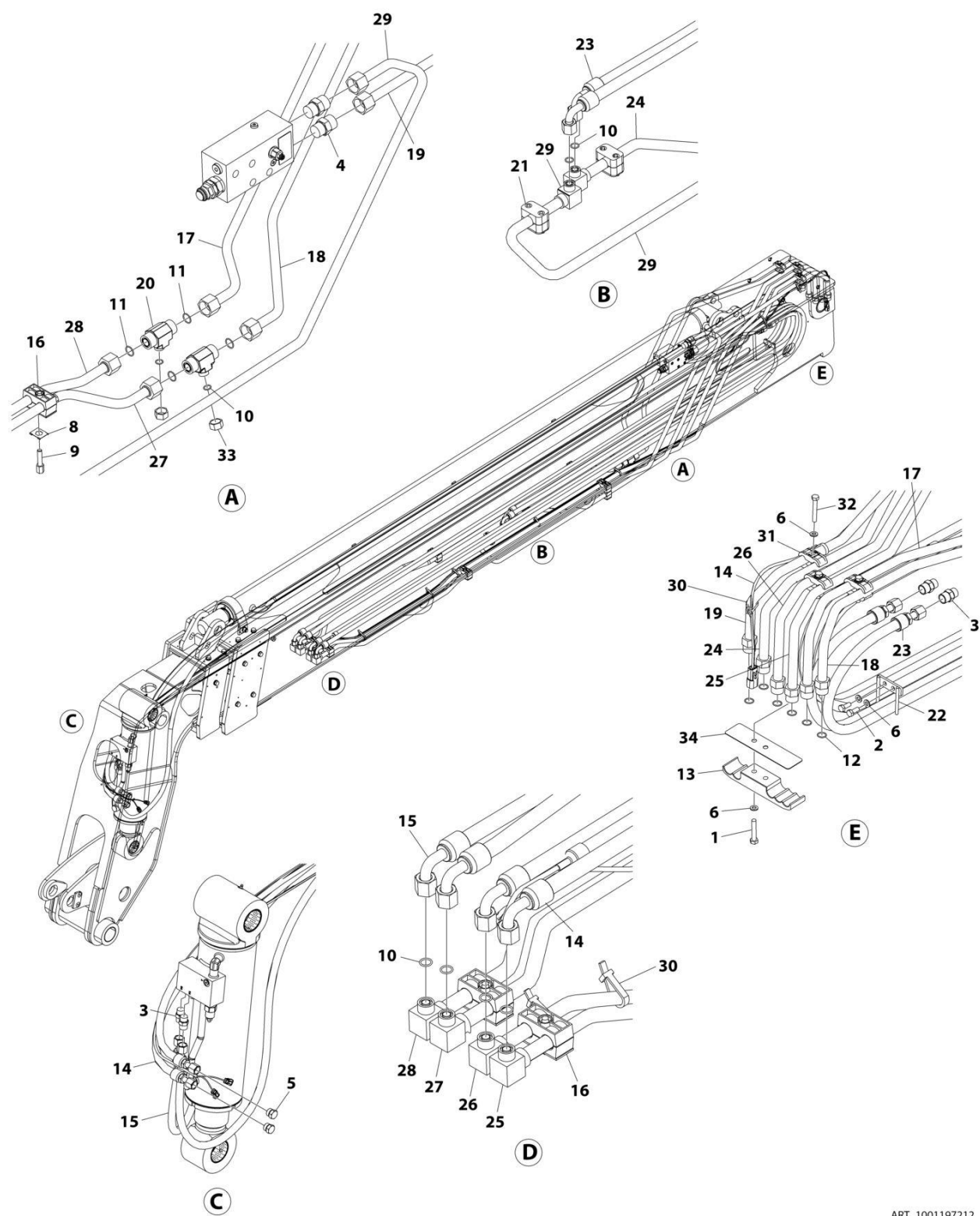
SECTION 8 - HYDRAULIC CIRCUITS

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_1001197212

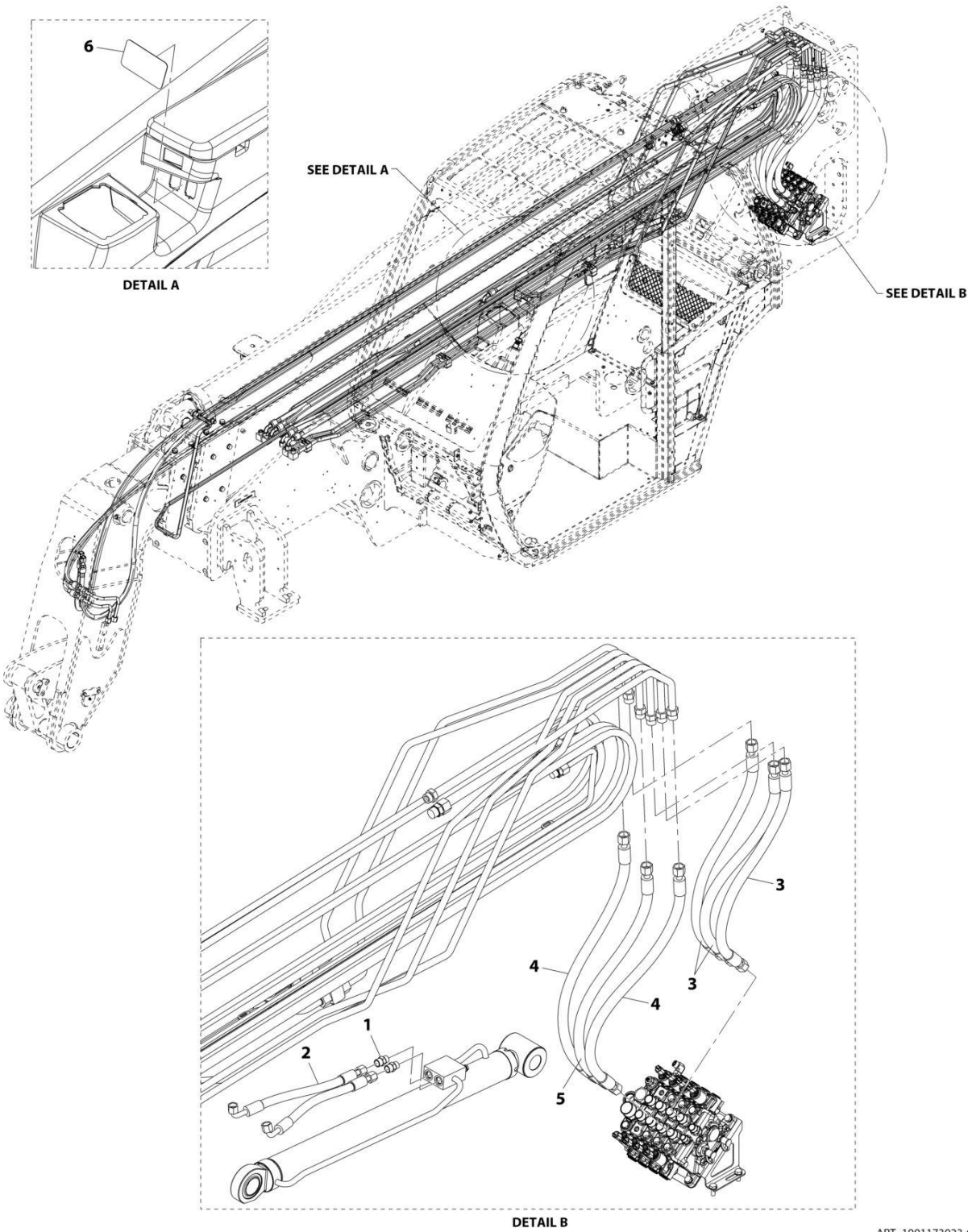
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-4. BOOM HYDRAULIC INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197212	Ref	BOOM HYDRAULIC INSTALLATION	G
1	0760815	2	Bolt, M8 x 35	
1	0760817	2	Bolt M8 x 45	
2	0760810	2	Bolt, M8 x 20	
3	2110808	4	Fitting, Straight ORFS	
4	2111212	2	Fitting, Straight ORFS	
5	2171008	2	Fitting, Straight ORFS	
6	4811900	7	Washer, M8	
8	8750017	1	Plate	
9	8750038	1	Clamp	
10	1001008805	8	Seal	
11	1001008863	4	Seal	
12	1001008922	6	Seal	
13	1001213020	1	Clamp (Used without Item 24 Clamping Plate)	
13	1001276011	1	Clamp (Used with Item 24 Clamping Plate)	
14	1001186170	1	Assembly, Boom Cable (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
15	1001270599	1	Hose, Twin	
16	1001181455	7	Clamp, Twin	
17	1001181945	1	Tube	
18	1001181946	1	Tube	
19	1001182066	1	Tube	
20	1001182793	2	Adapter, ORFS	
21	1001183580	2	Clamp	
22	1001196268	1	Bracket	
23	1001196442	1	Hose, Twin	
24	1001197281	1	Pipe	
25	1001197300	1	Pipe	
26	1001197301	1	Pipe	
27	1001197302	1	Pipe	
28	1001197303	1	Pipe	
29	1001197500	1	Pipe	
30	1001008923	AR	Strap, Tie	
31	1001213883	3	Clamp	
32	0700819	3	Bolt, M8 x 55	
33	2170908	2	Cap, Fitting	
34	1001277894	1	Plate, Clamping	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-5. BOOM LINES INSTALLATION



ART_1001173023-C

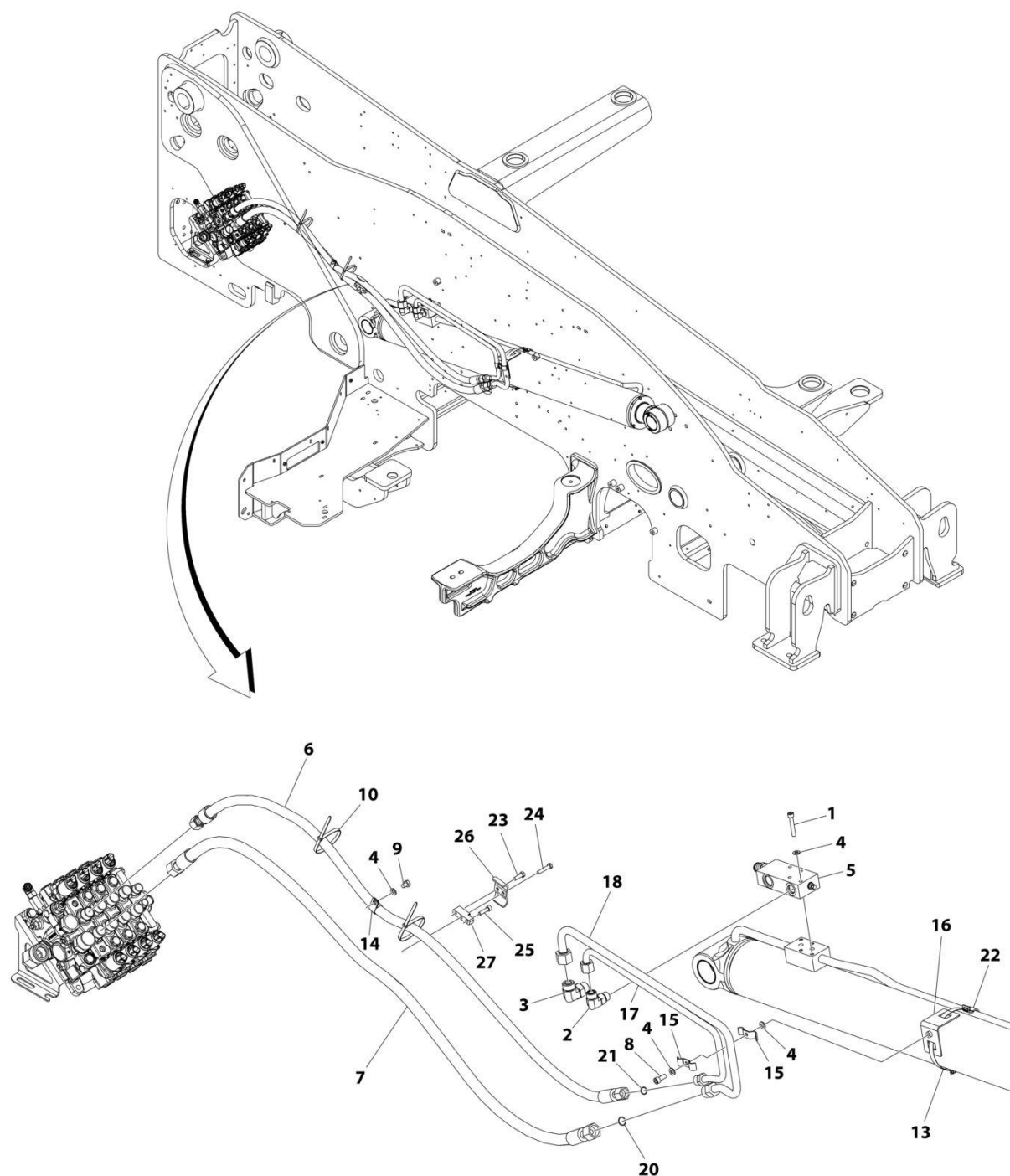
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-5. BOOM LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173023	Ref	Boom Lines Installation	D
1	2110808	2	Fitting, Straight ORFS	
2	1001181784	2	Hose	
3	1001183990	3	Hose	
4	1001183959	2	Hose	
5	1001184482	1	Hose	
6	1670836	1	Cover	

SECTION 8 - HYDRAULIC CIRCUITS

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



ART_1001179041_I

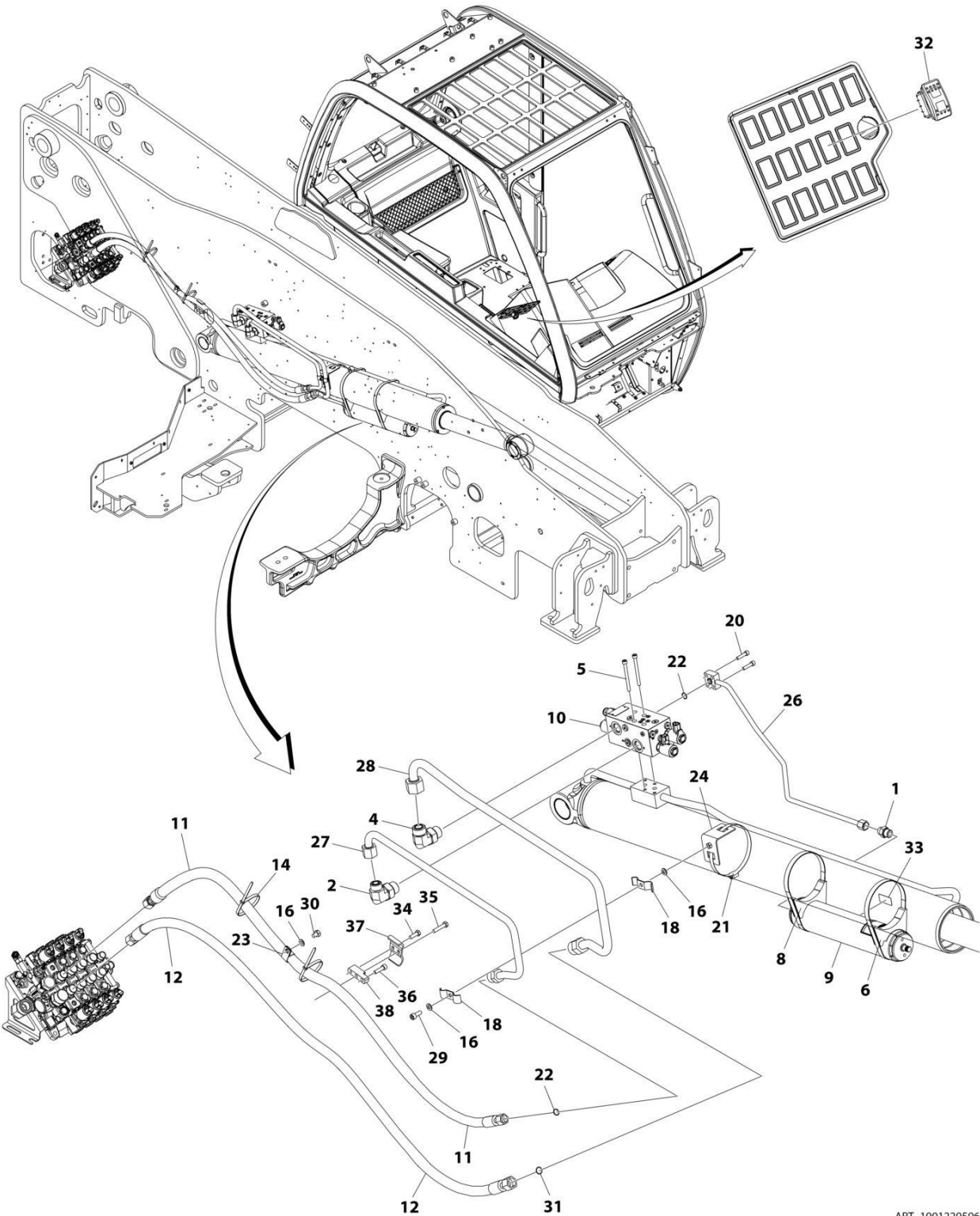
SECTION 8 - HYDRAULIC CIRCUITS

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_1001229596

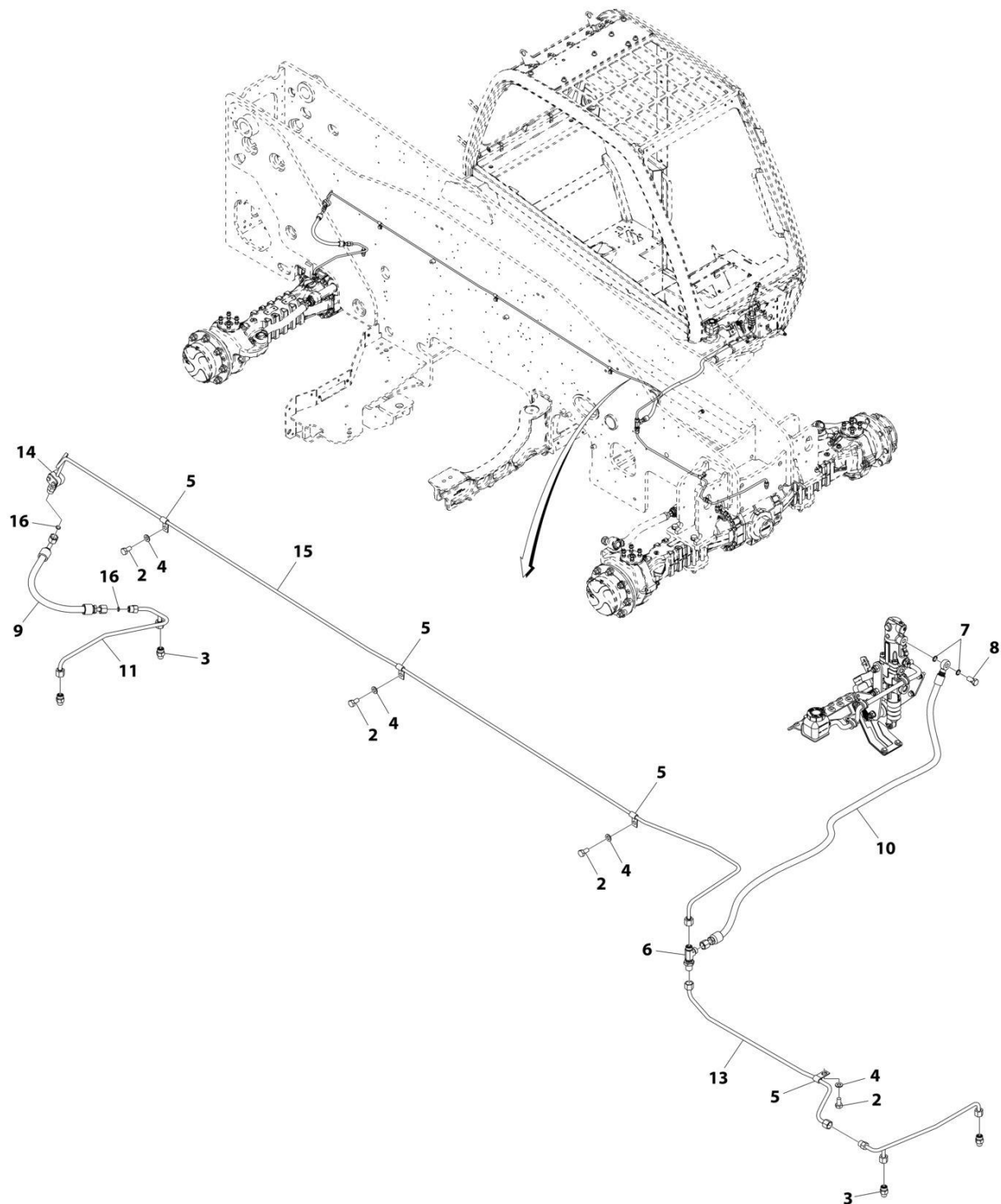
SECTION 8 - HYDRAULIC CIRCUITS

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229596	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	
8	1001208035	2	Bumper	
9	1001229084	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

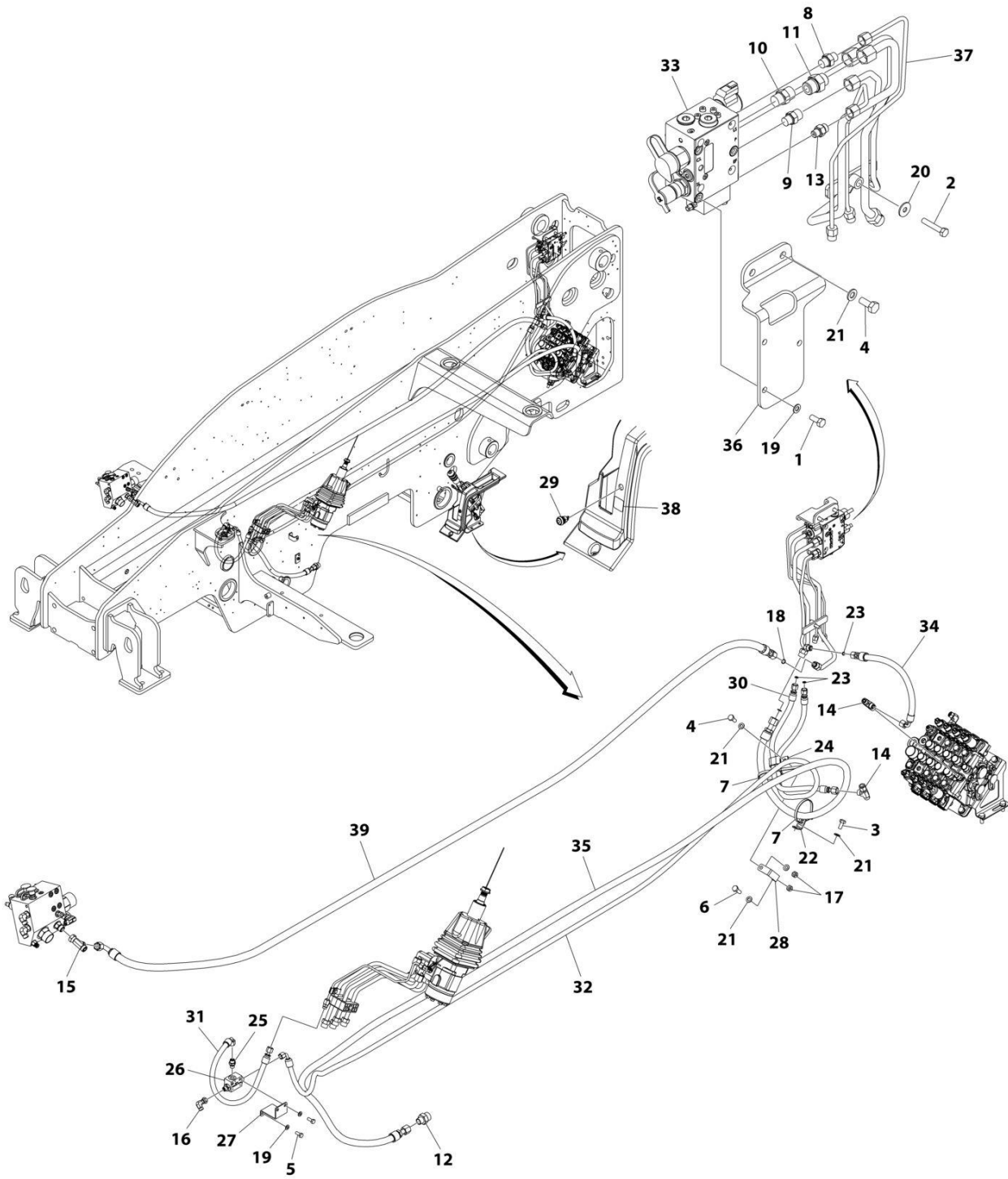
SECTION 8 - HYDRAULIC CIRCUITS

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

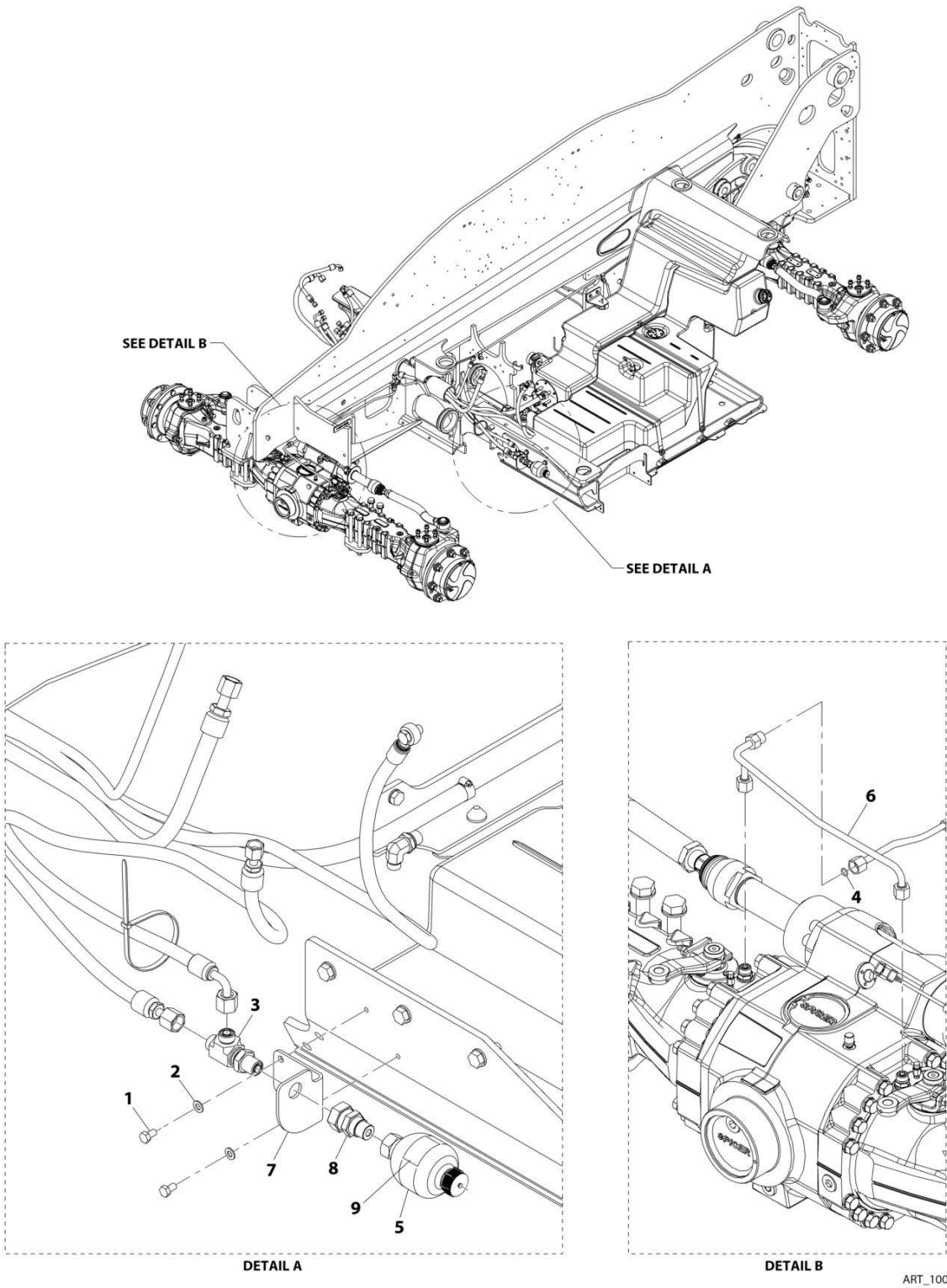
SECTION 8 - HYDRAULIC CIRCUITS

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)



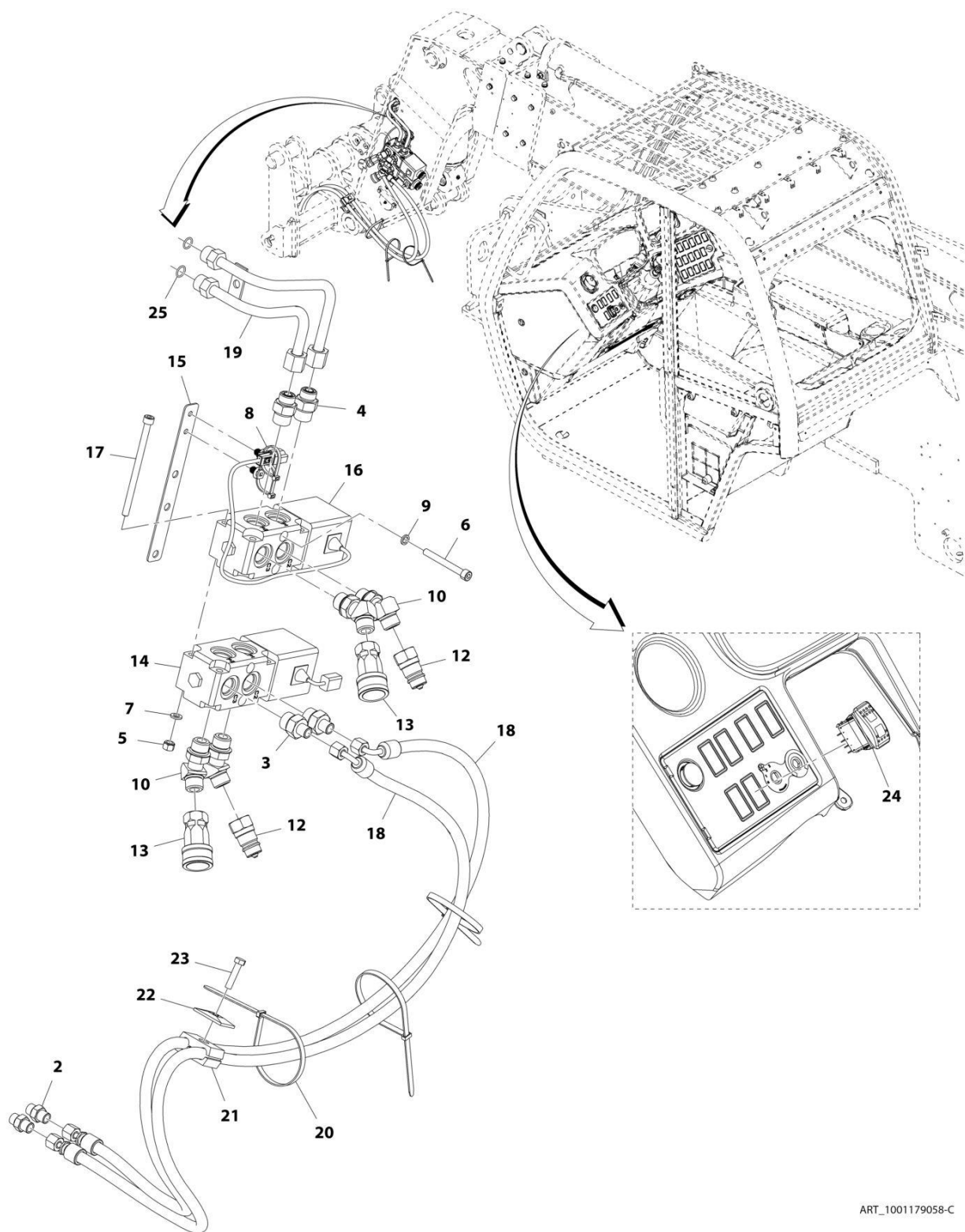
SECTION 8 - HYDRAULIC CIRCUITS

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

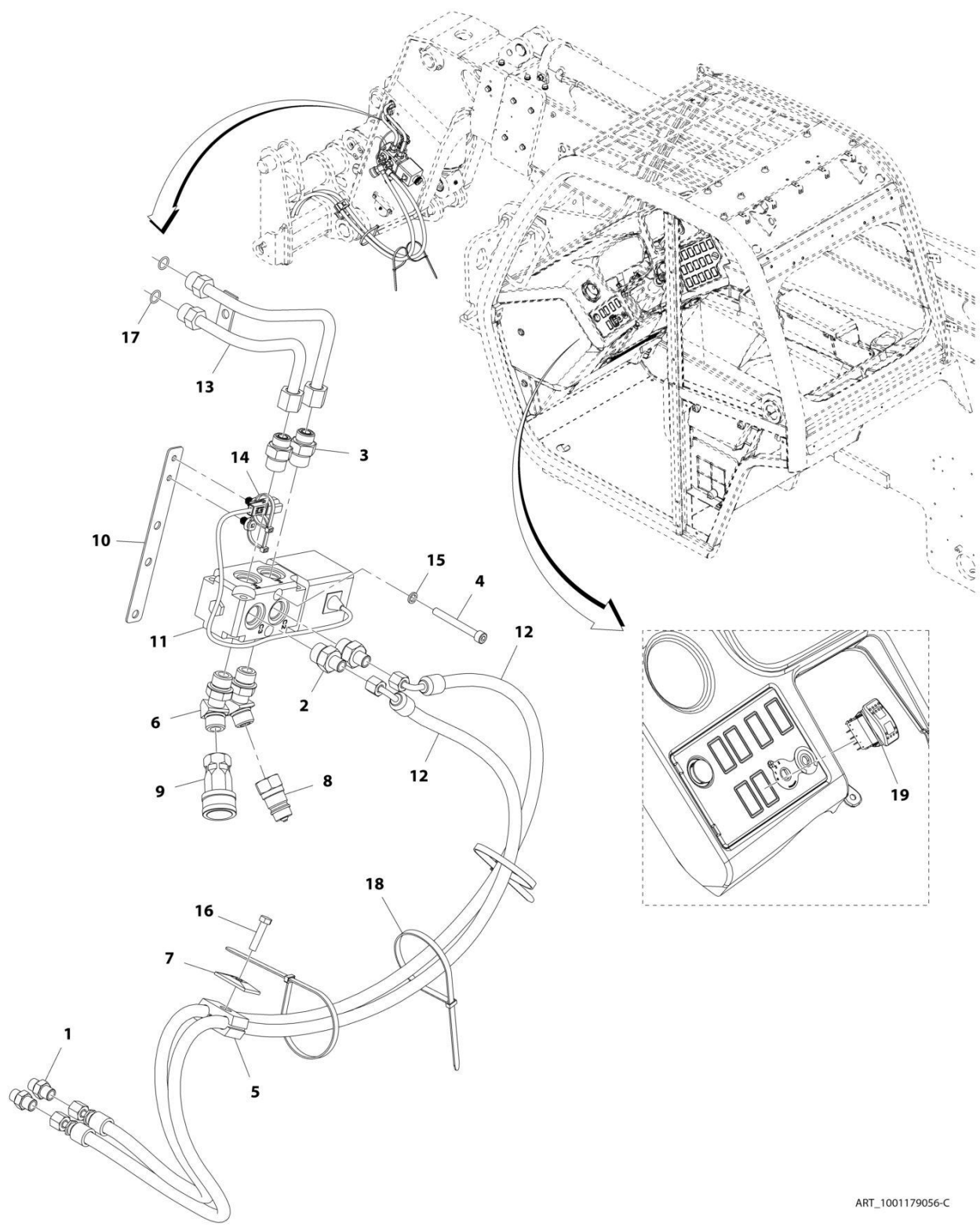
SECTION 8 - HYDRAULIC CIRCUITS

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

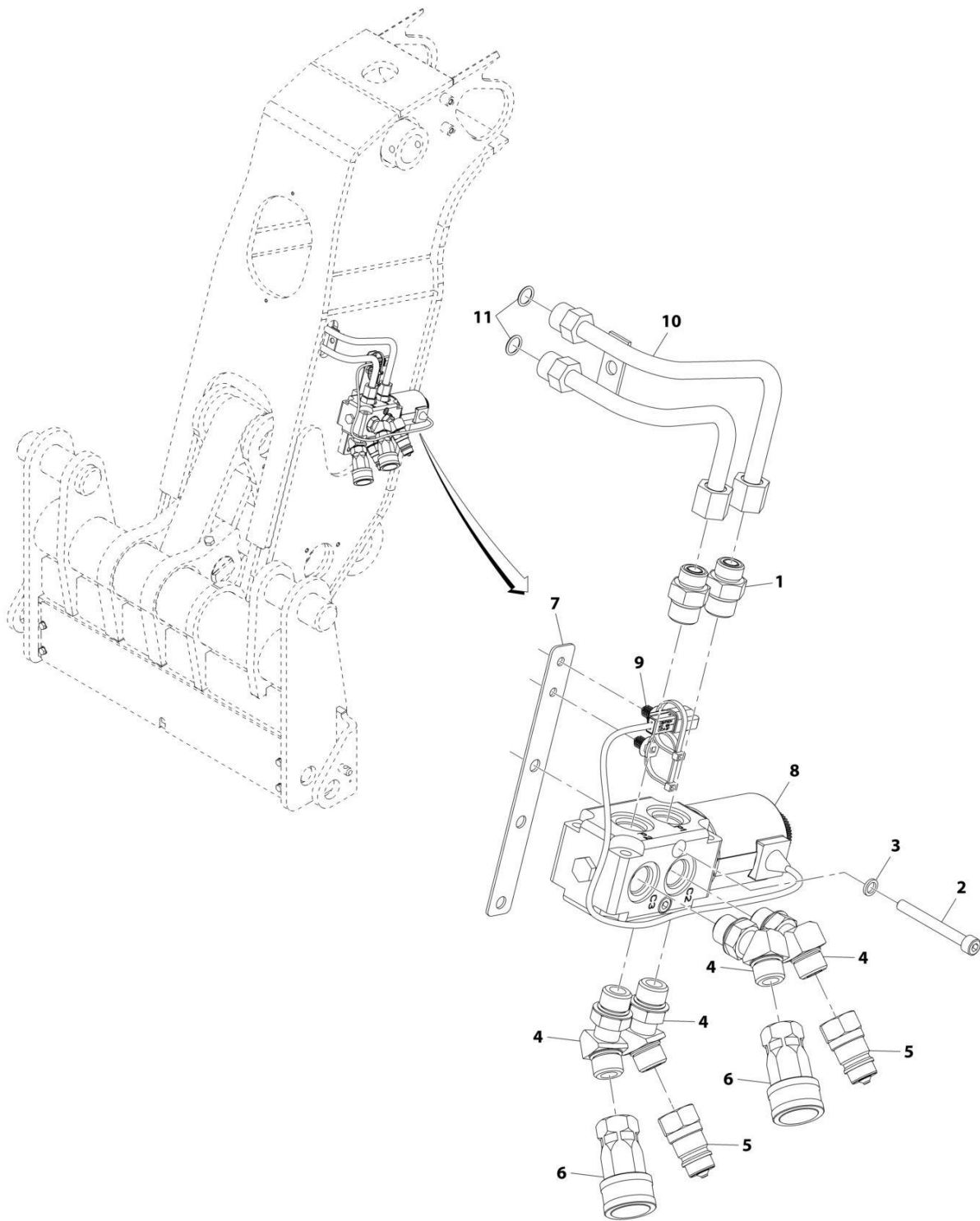
SECTION 8 - HYDRAULIC CIRCUITS

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

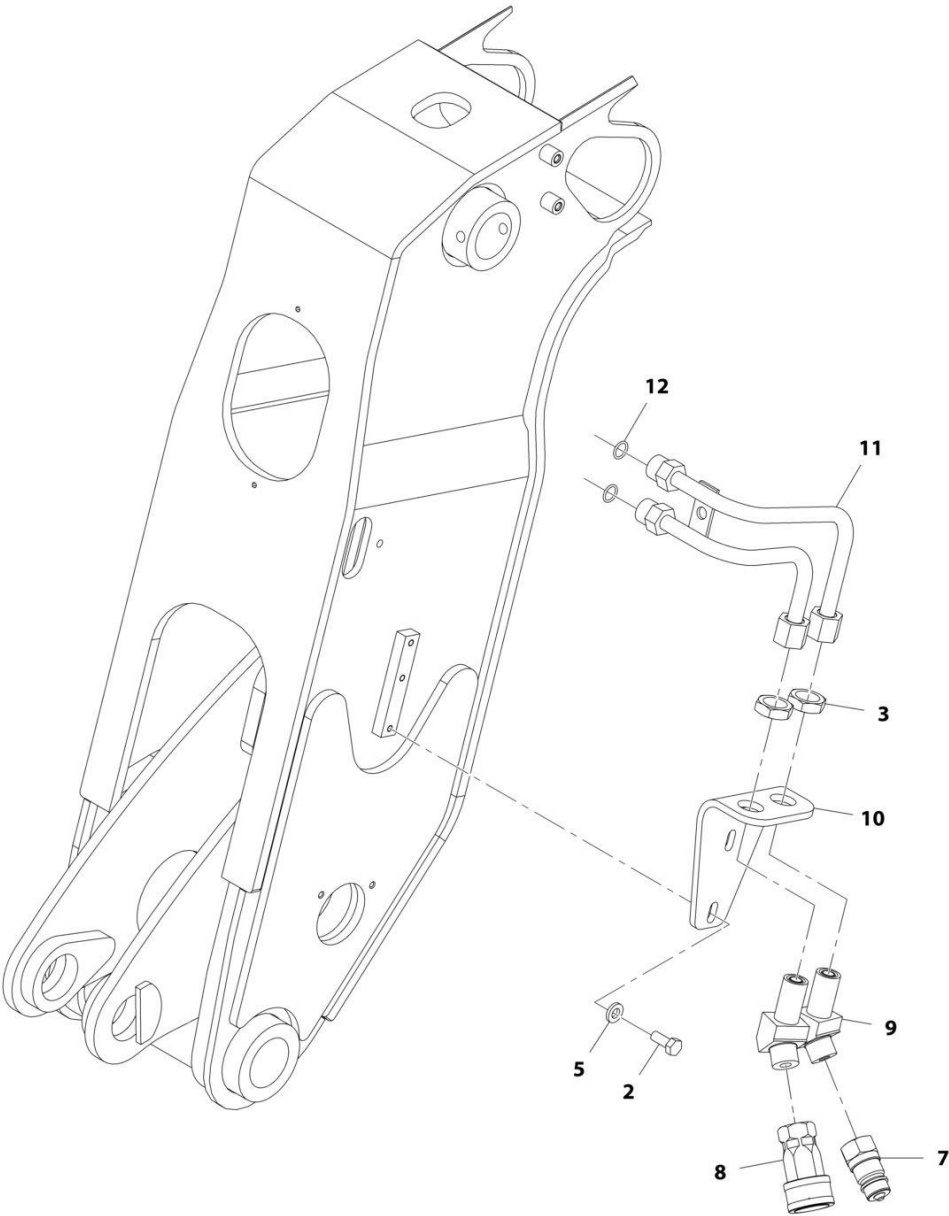
SECTION 8 - HYDRAULIC CIRCUITS

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

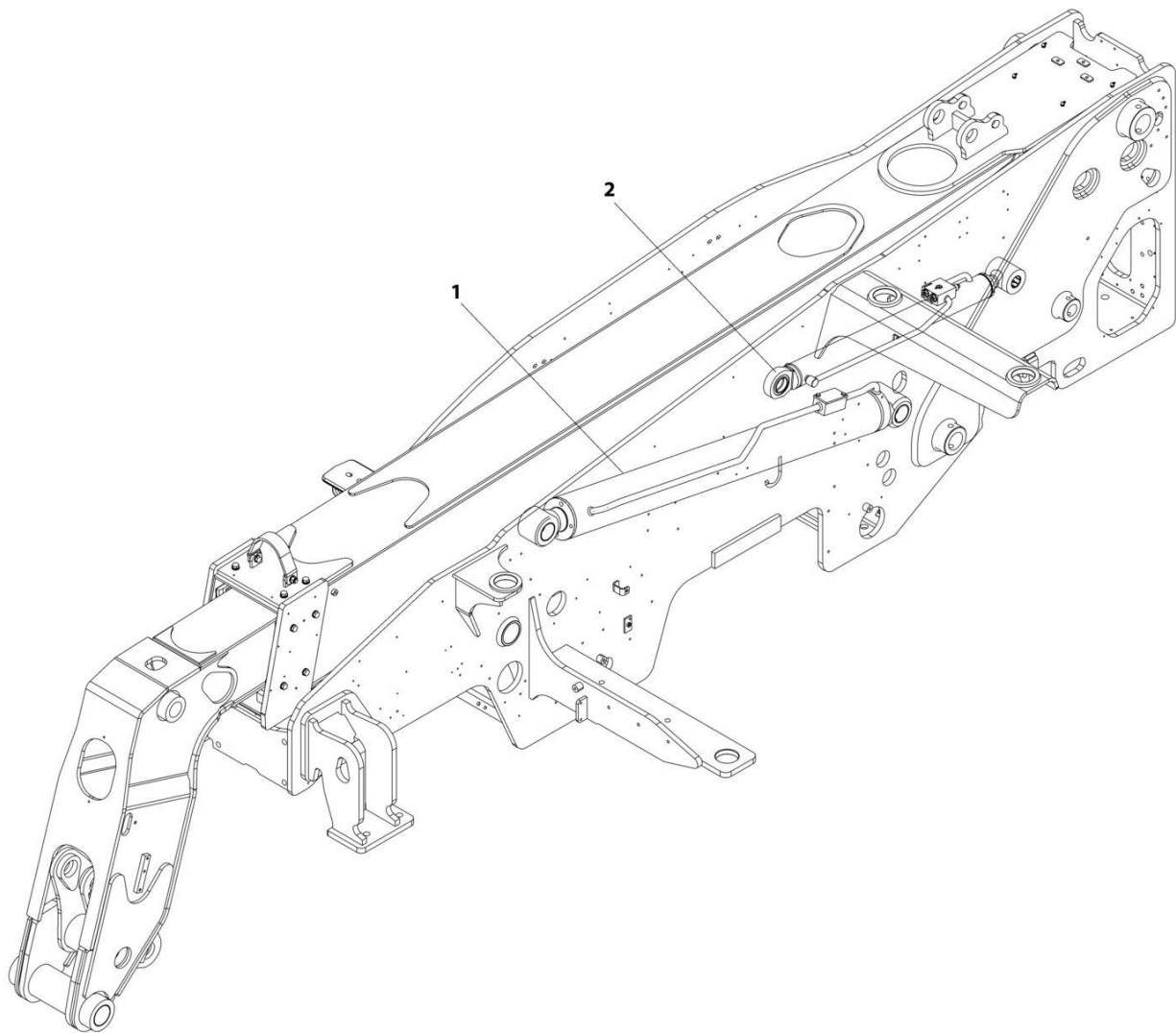
SECTION 8 - HYDRAULIC CIRCUITS

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_1001277385

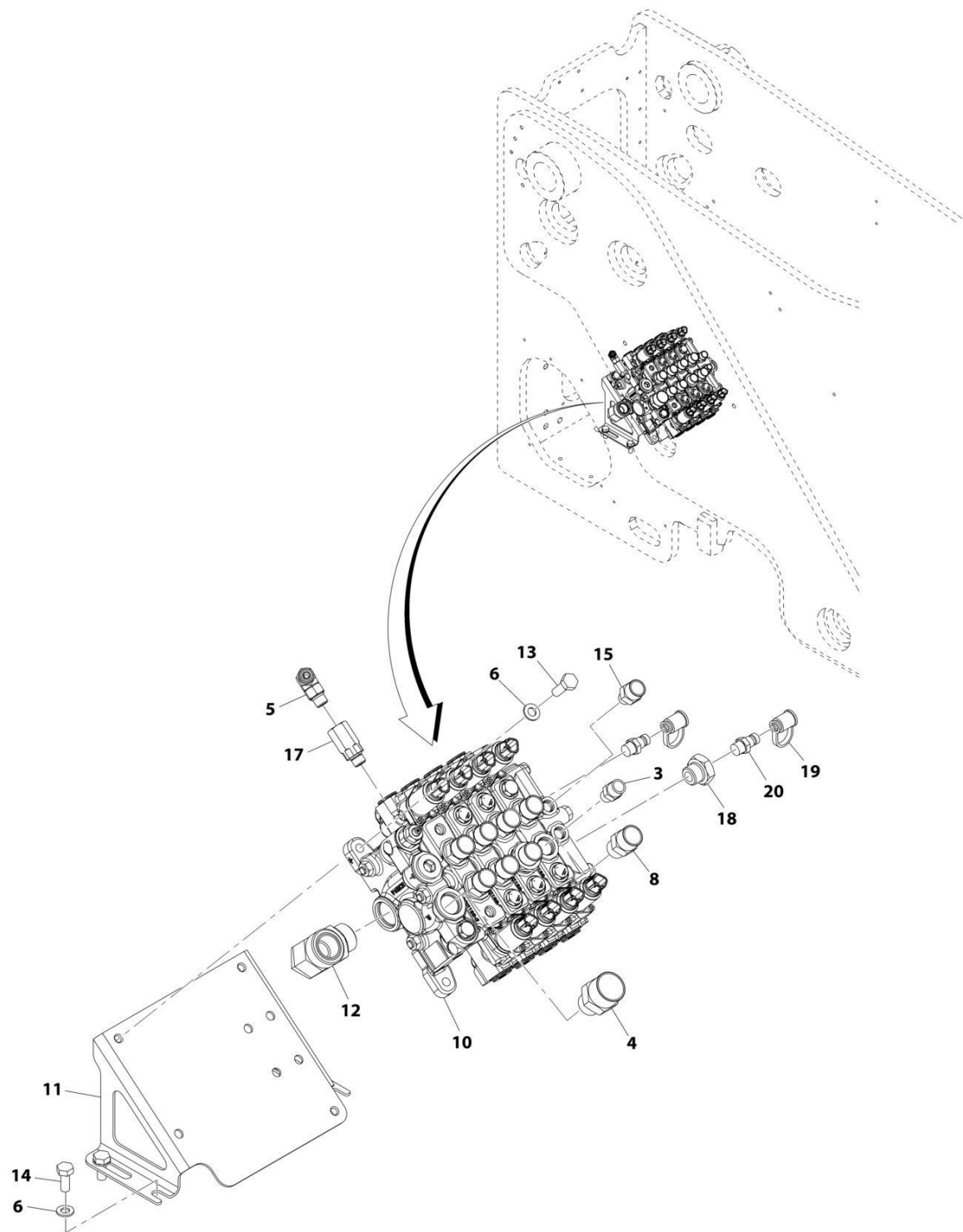
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-15. LIFT CYLINDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001277385	Ref	LIFT CYLINDER INSTALLATION	A
	1001267963	1	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
2	1001274914	1	Compensation Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-16. MAIN CONTROL VALVE INSTALLATION



ART_1001172900-J

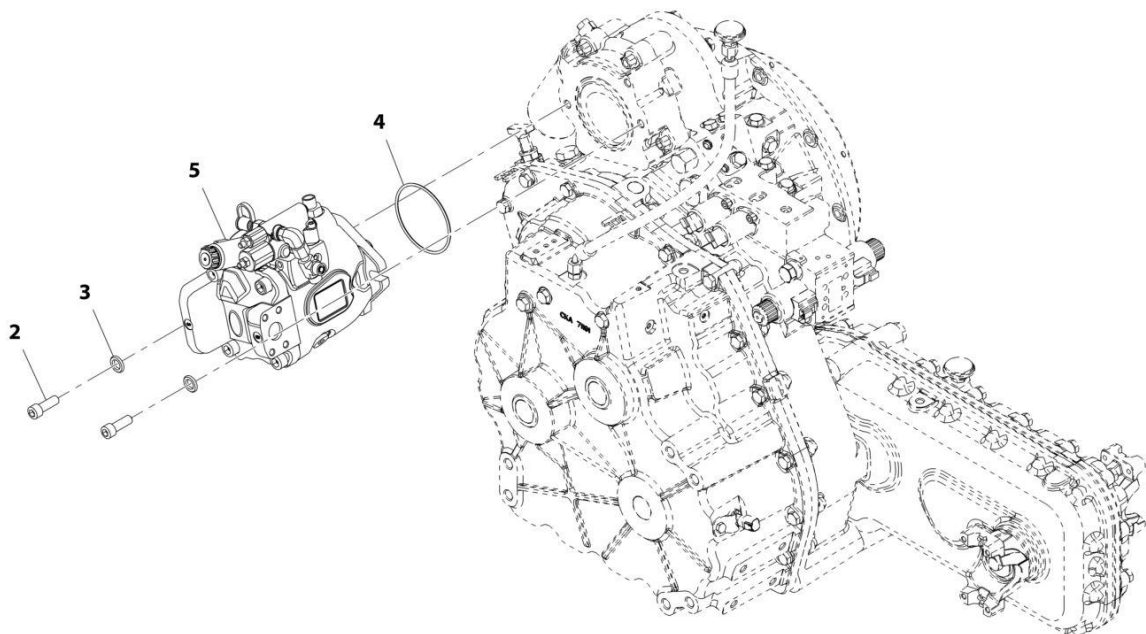
SECTION 8 - HYDRAULIC CIRCUITS

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

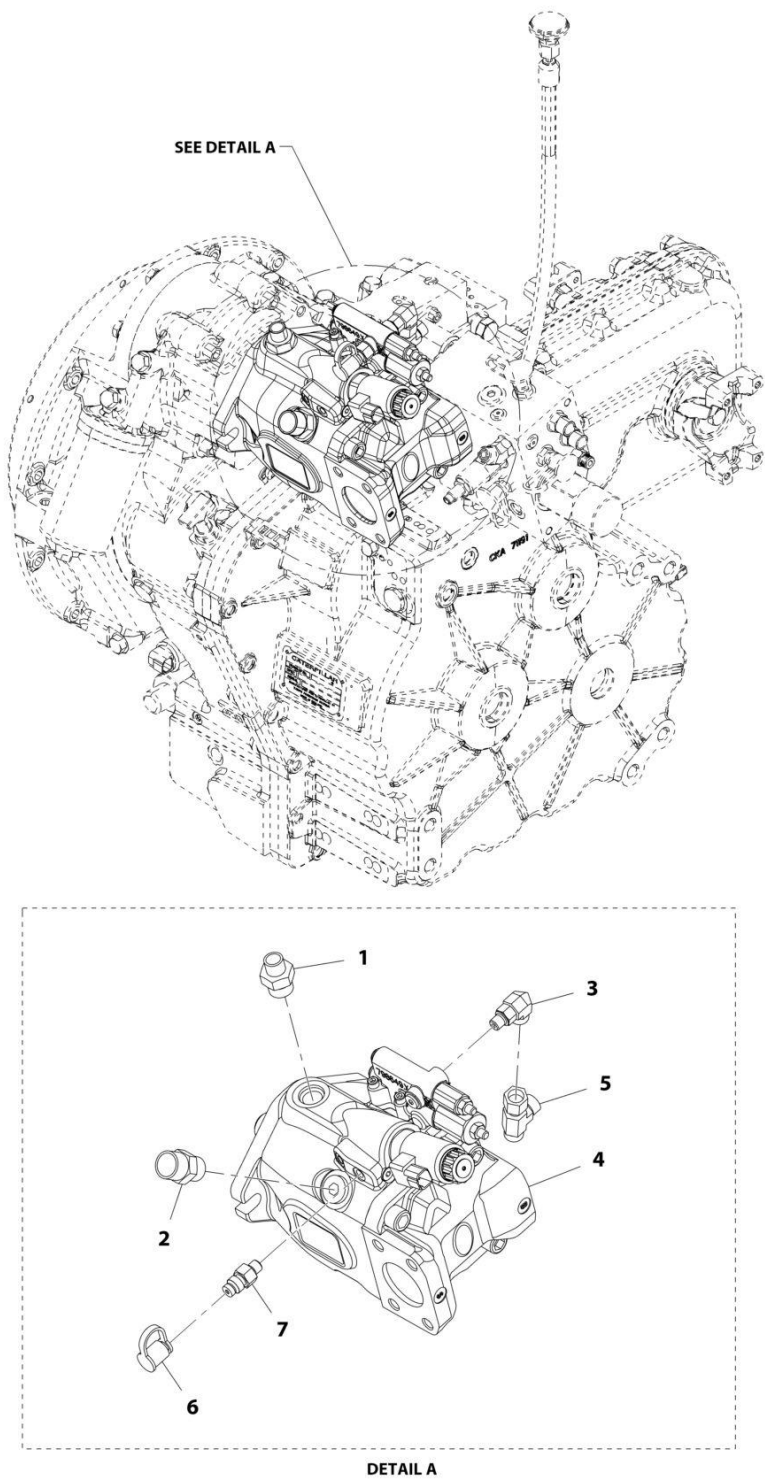
SECTION 8 - HYDRAULIC CIRCUITS

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

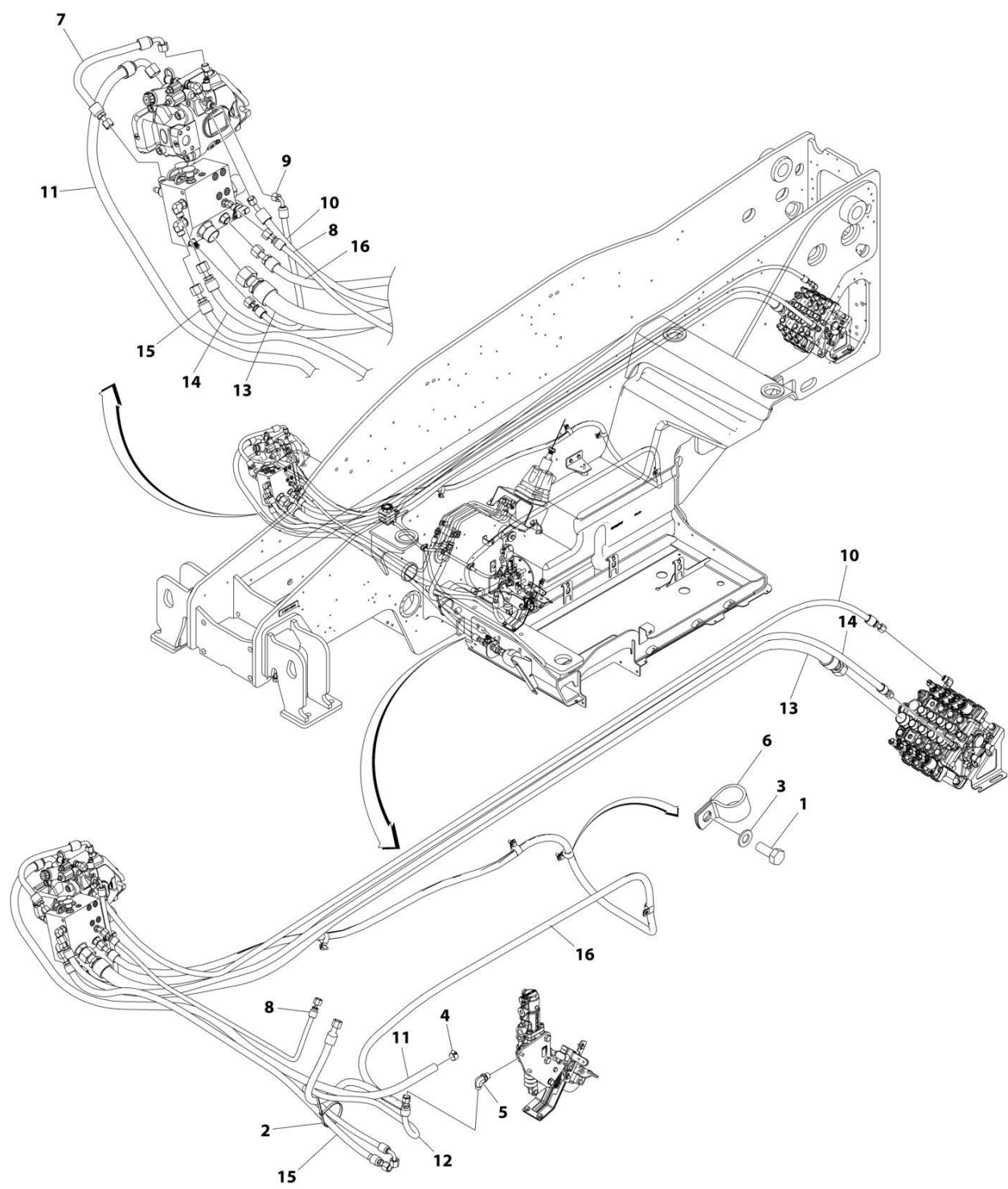
SECTION 8 - HYDRAULIC CIRCUITS

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

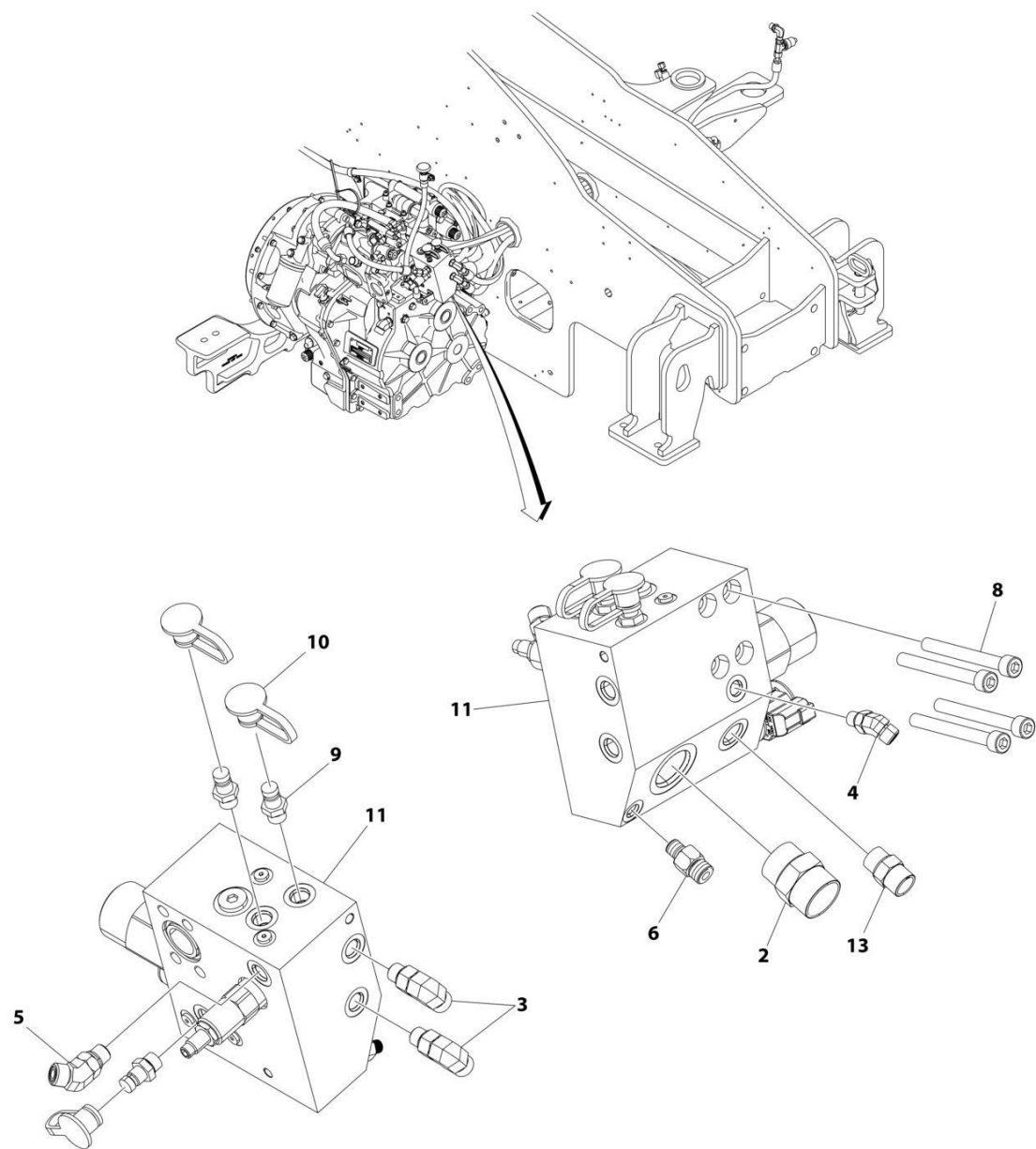
SECTION 8 - HYDRAULIC CIRCUITS

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

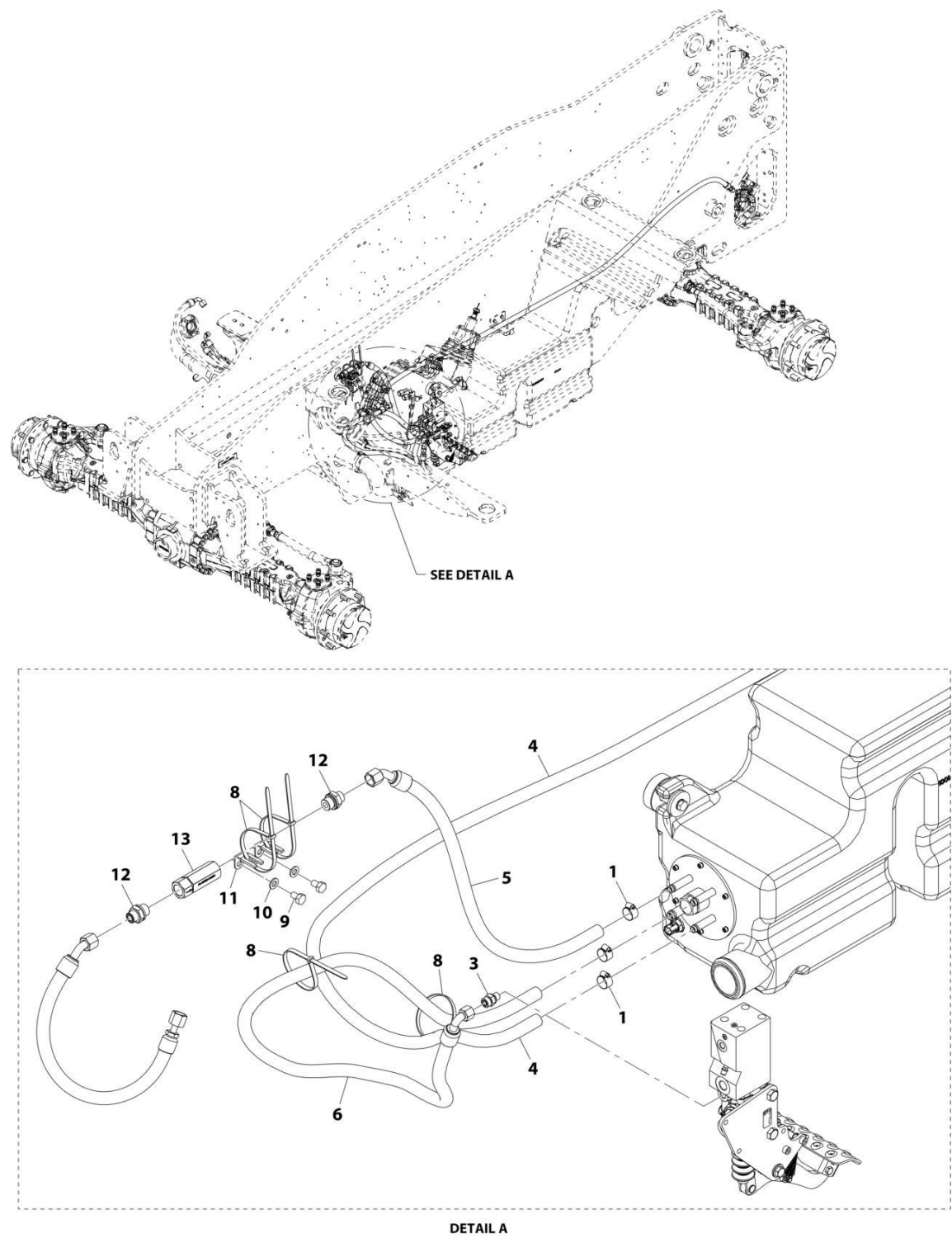
SECTION 8 - HYDRAULIC CIRCUITS

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

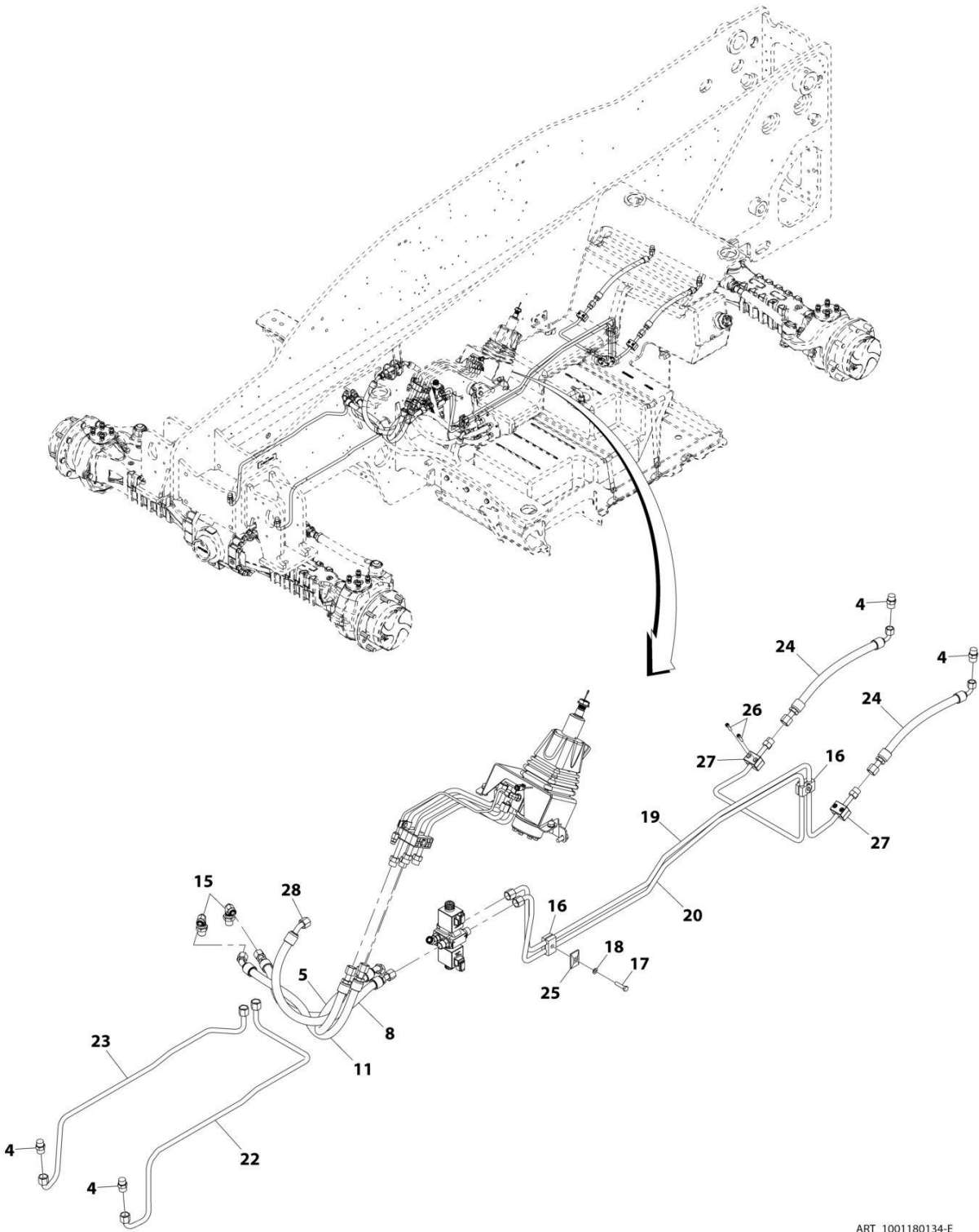
SECTION 8 - HYDRAULIC CIRCUITS

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

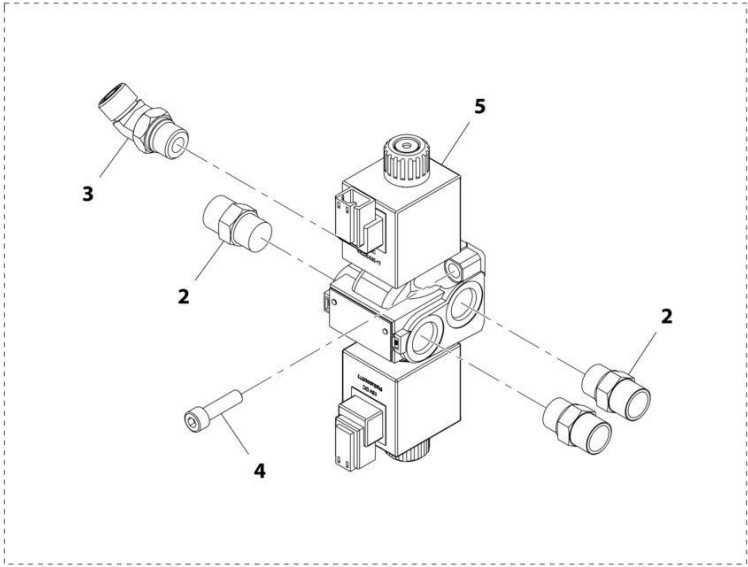
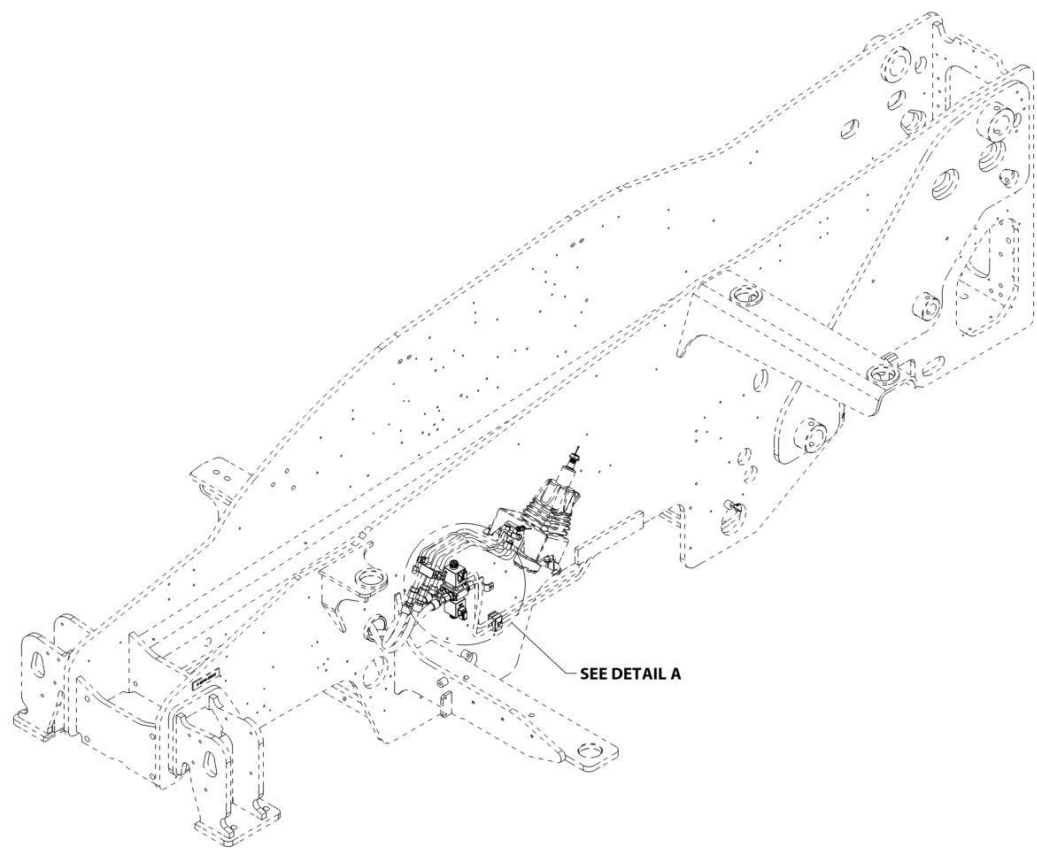
SECTION 8 - HYDRAULIC CIRCUITS

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

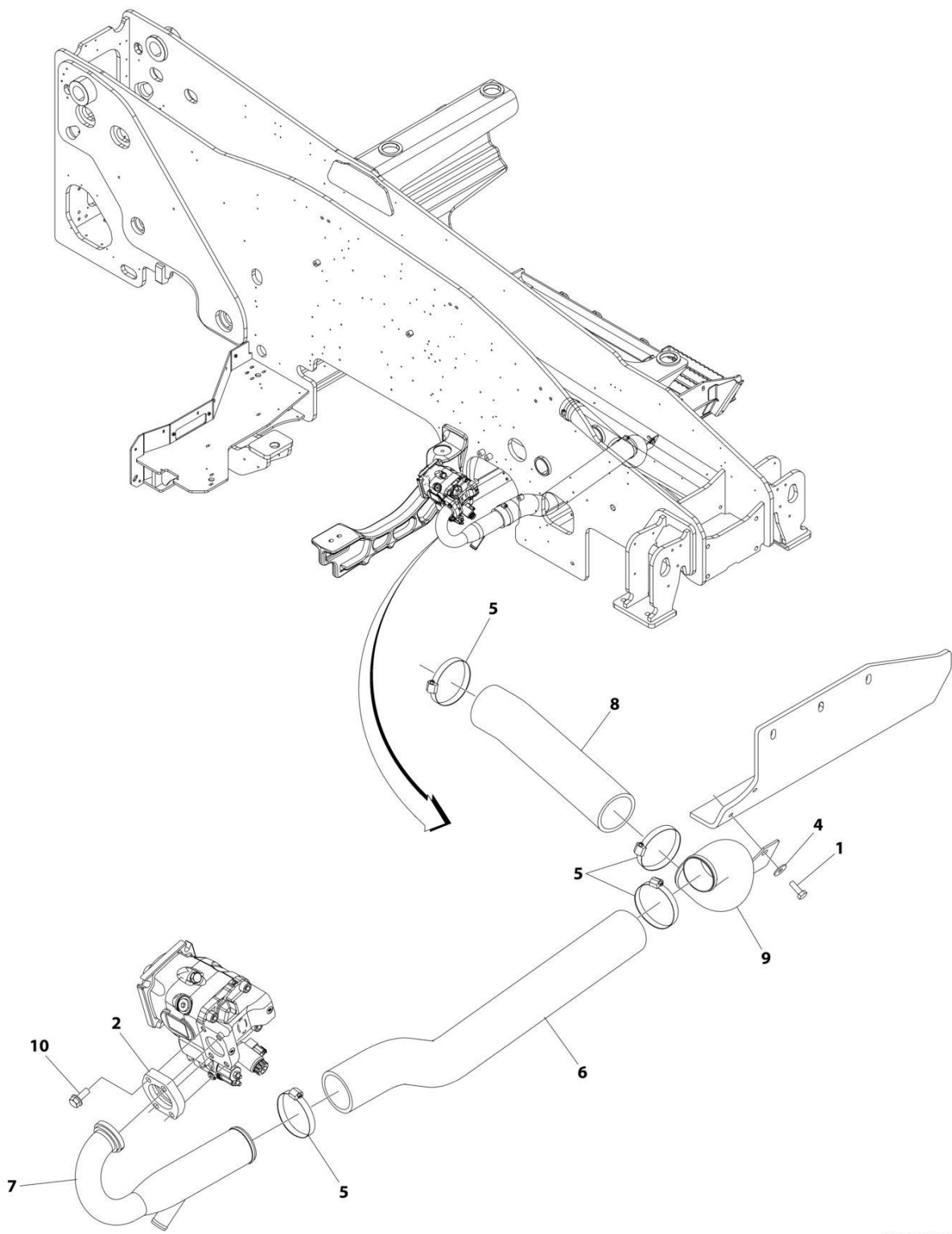
SECTION 8 - HYDRAULIC CIRCUITS

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

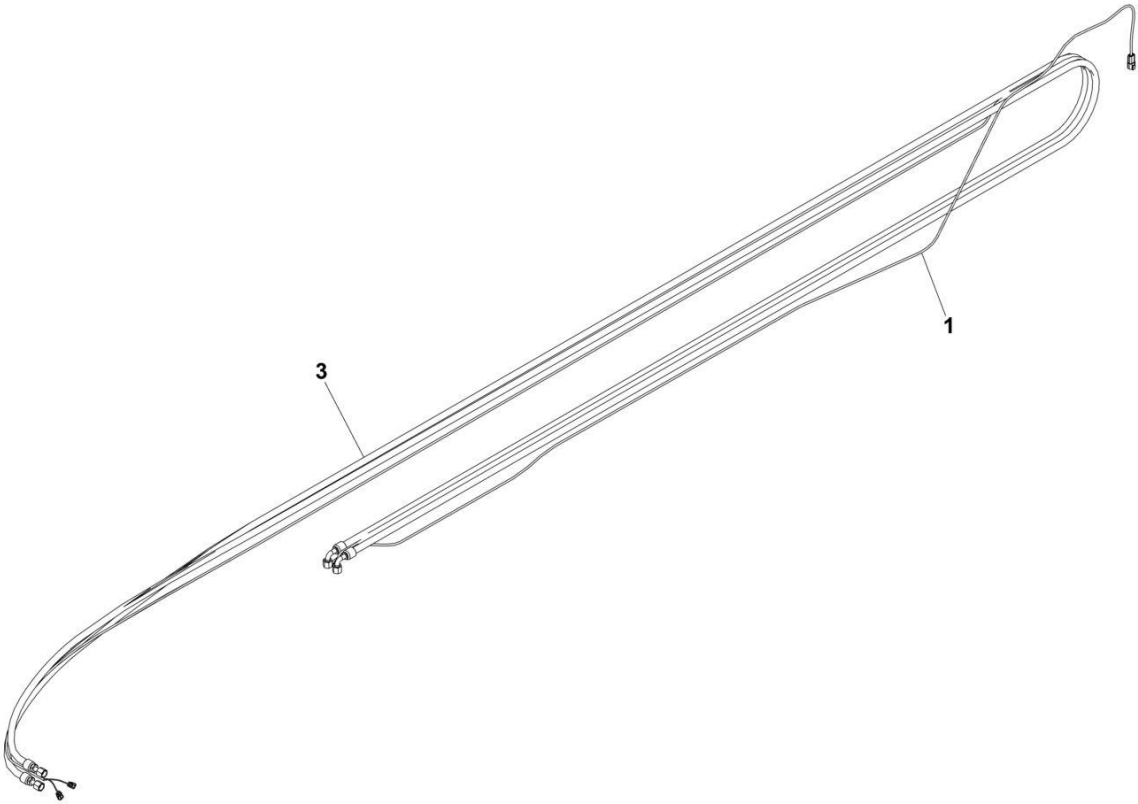
FIGURE 8-24. SUCTION LINES INSTALLATION

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. BOOM HOSE AND HARNESS ASSEMBLY



ART_1001186170

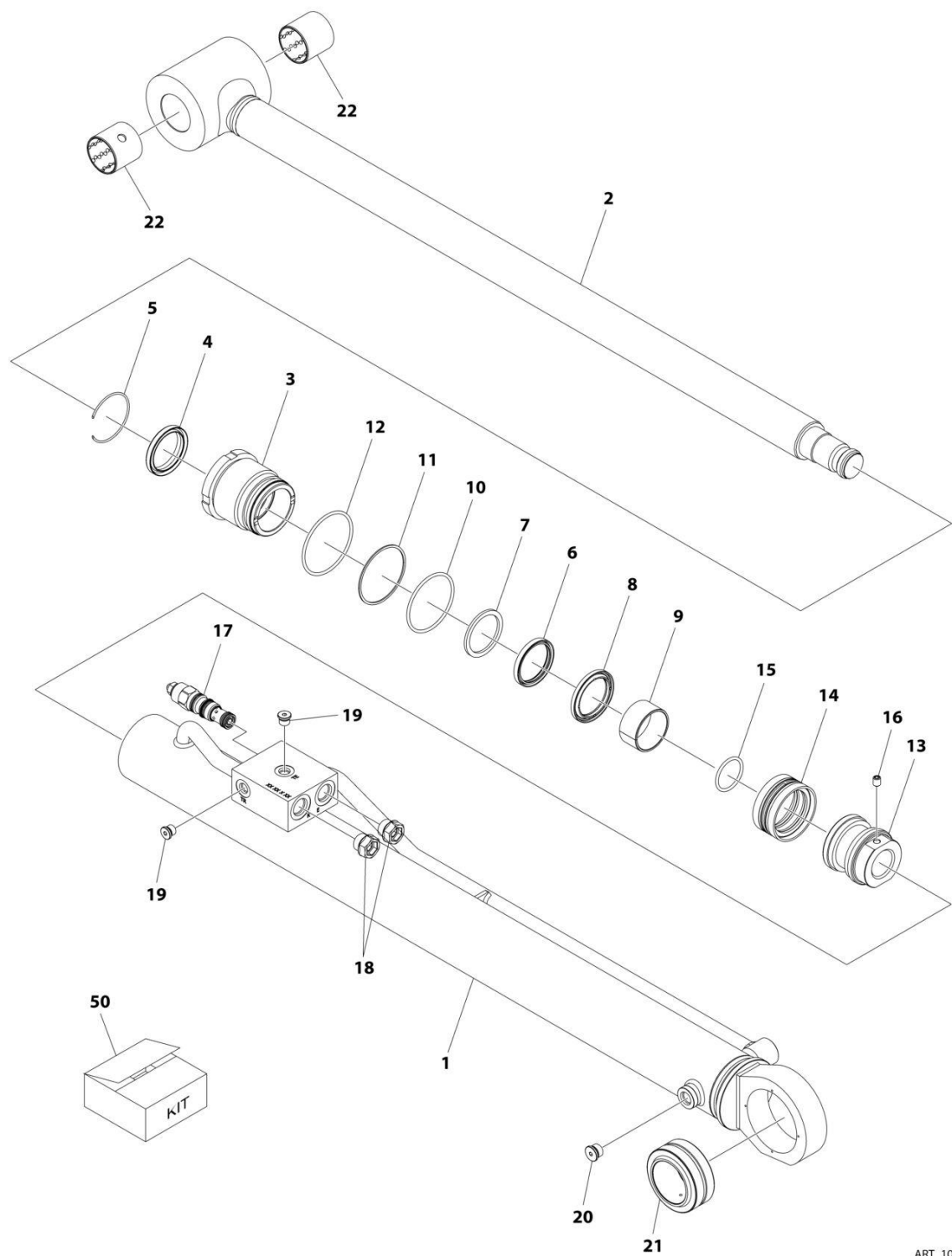
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. BOOM HOSE AND HARNESS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001186170	Ref	Boom Cable Assembly	D
	1001184422	1	Harness, Boom (See Separate Breakdown in ELECTRICAL Section)	
3	1001204124	1	Hose	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-2. CYLINDER ASSEMBLY - COMPENSATION



ART_1001274914

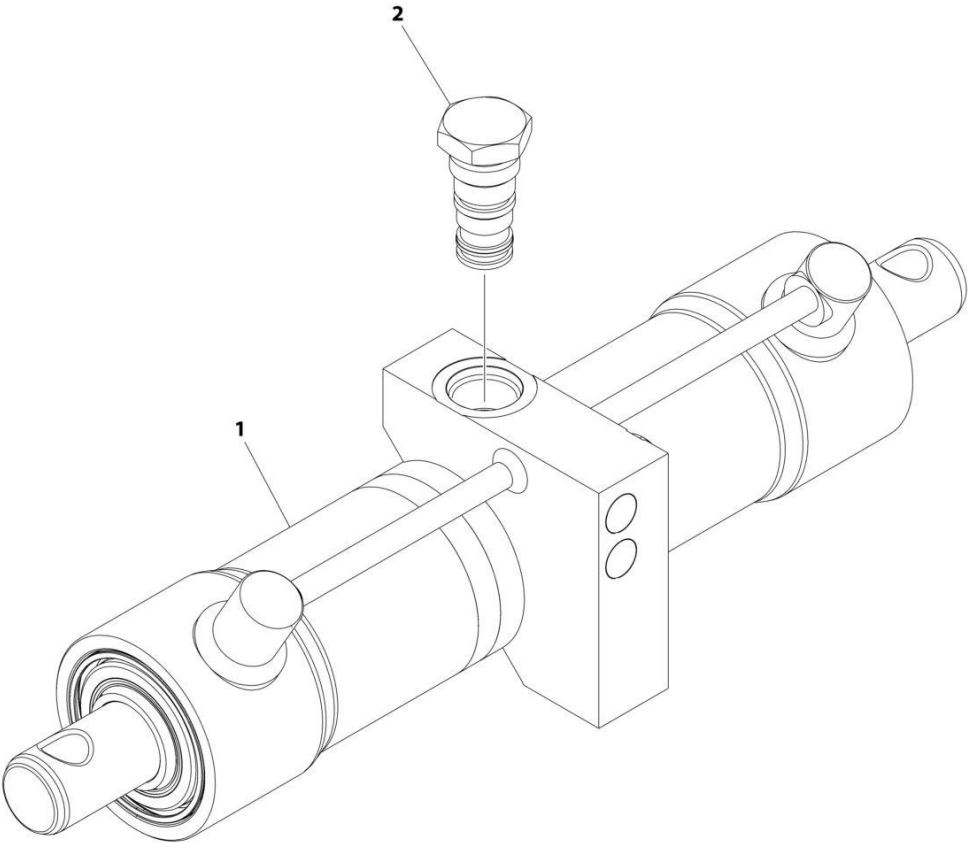
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-2. CYLINDER ASSEMBLY - COMPENSATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274914	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 1001274914)	
2	70030953	1	Rod	
3	70030959	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	
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	70030960	1	Piston	
14	See Note	NSS	Seal (Note: Use Item 50)	
15	See Note	NSS	O-Ring (Note: Use Item 50)	
16	70023369	1	Set Screw	
17	70028384	1	Cartridge, Valve	
18	See Note	Ref	Dust Plug (Note: Shipping Use Only)	
19	2220883	2	Plug	
20	2220885	1	Plug	
21	70030956	1	Bearing	
22	70030957	2	Bearing	
50	70030961	1	Seal Kit - 1001274914 Cylinder (Includes Items 4, 6-8, 10-12 & 14-15)	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-3. CYLINDER SUB-ASSEMBLY - COUPLER LOCKING



ART_1001114787_C

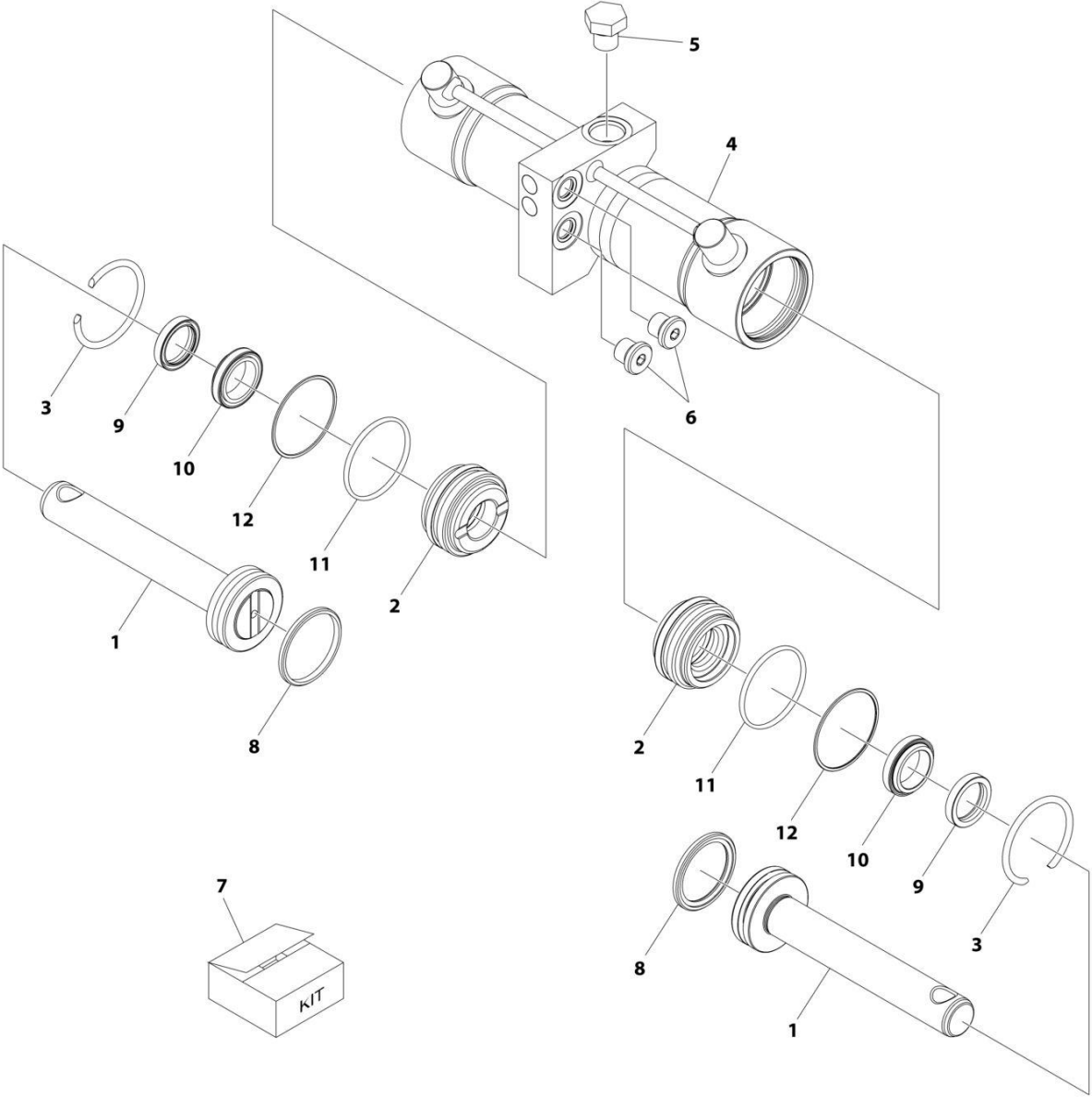
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-3. 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 9-4. CYLINDER ASSEMBLY - COUPLER LOCKING



ART_1001267977

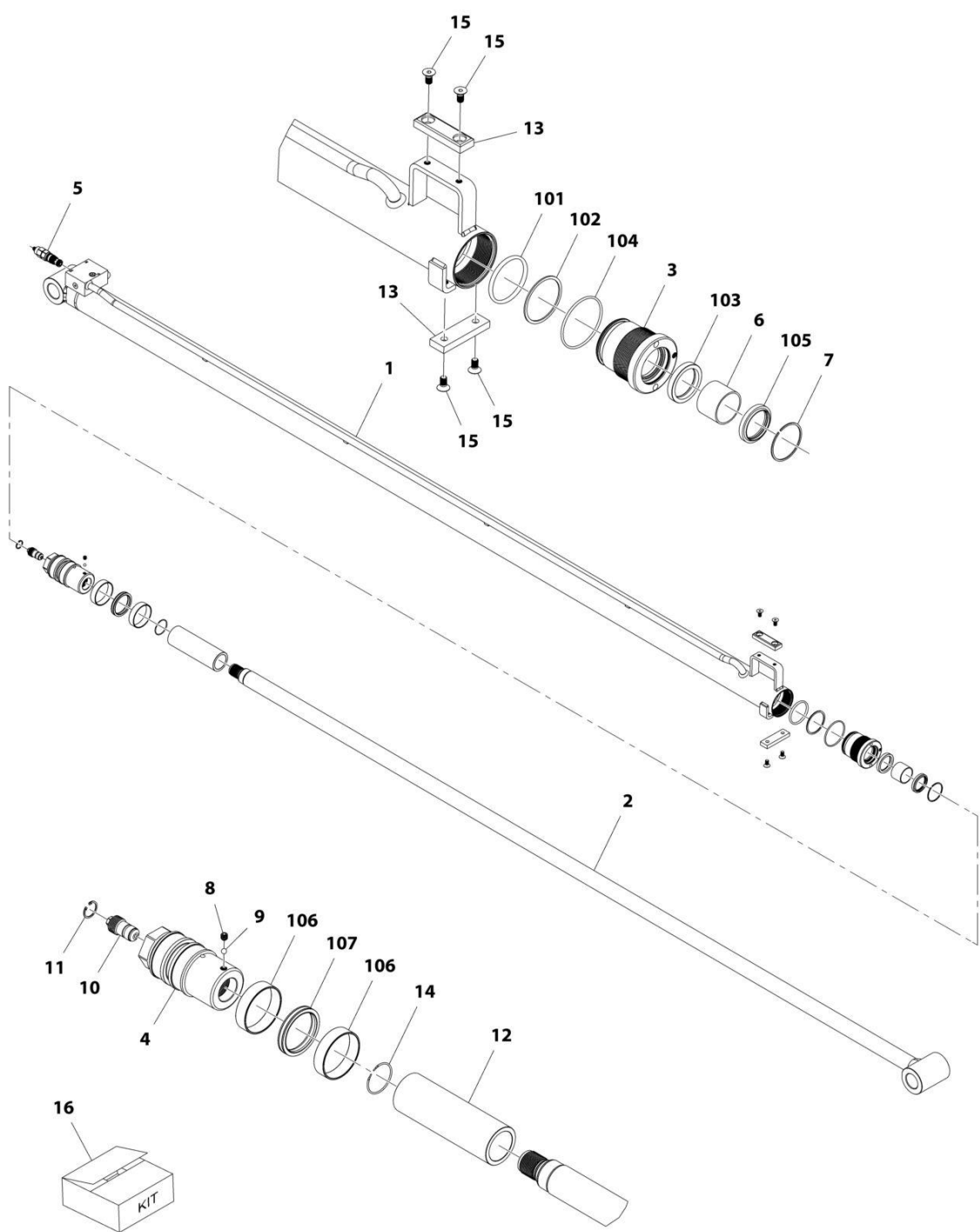
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-4. 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 9-5. CYLINDER ASSEMBLY - EXTEND/RETRACT (TELESCOPE) (INNER)



ART_1001175020-E

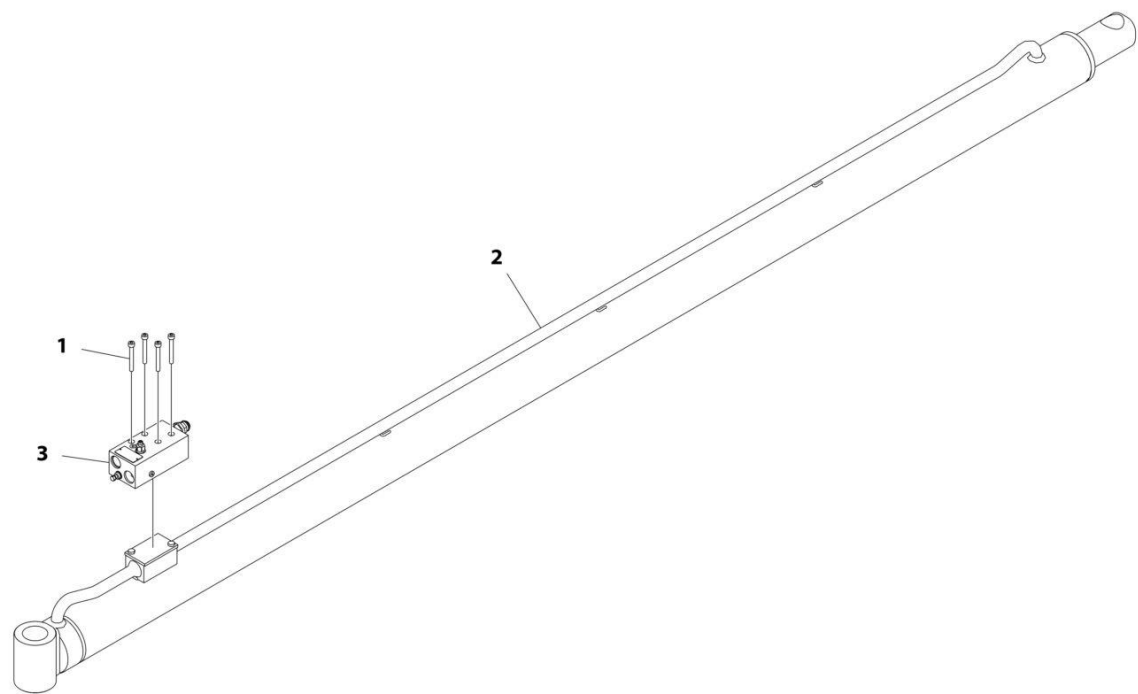
SECTION 9 - HYDRAULIC COMPONENTS

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175020	Ref	Extend/Retract Cylinder Assembly	E
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70027077	1	Barrel	
2	70027078	1	Rod	
3	70027079	1	Gland	
4	70027080	1	Piston Head	
5	1001162974	1	Valve, Counterbalance	
6	70027081	1	Bushing, Spare	
7	70023101	1	Ring, Snap	
8	70025956	1	Screw, Lock	
9	70025614	1	Bearing, Ball	
10	70027087	1	Valve, Check	
11	70027074	1	Circlip	
12	70027082	1	Spacer	
13	70027083	1	Guide, Plate	
14	70027084	1	Wire Ring	
15	70027085	1	Screw	
16	70027086	1	Kit, Seal	
101	Kit	1	O-Ring	
102	Kit	1	Ring, Backup	
103	Kit	1	Seal, Rod	
104	Kit	1	O-Ring	
105	Kit	1	Wiper	
106	Kit	1	Bearing, Piston Ring	
107	Kit	1	Seal, Piston	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-6. CYLINDER SUB-ASSEMBLY - EXTEND/RETRACT (TELESCOPE) (OUTER)



ART_1001203313

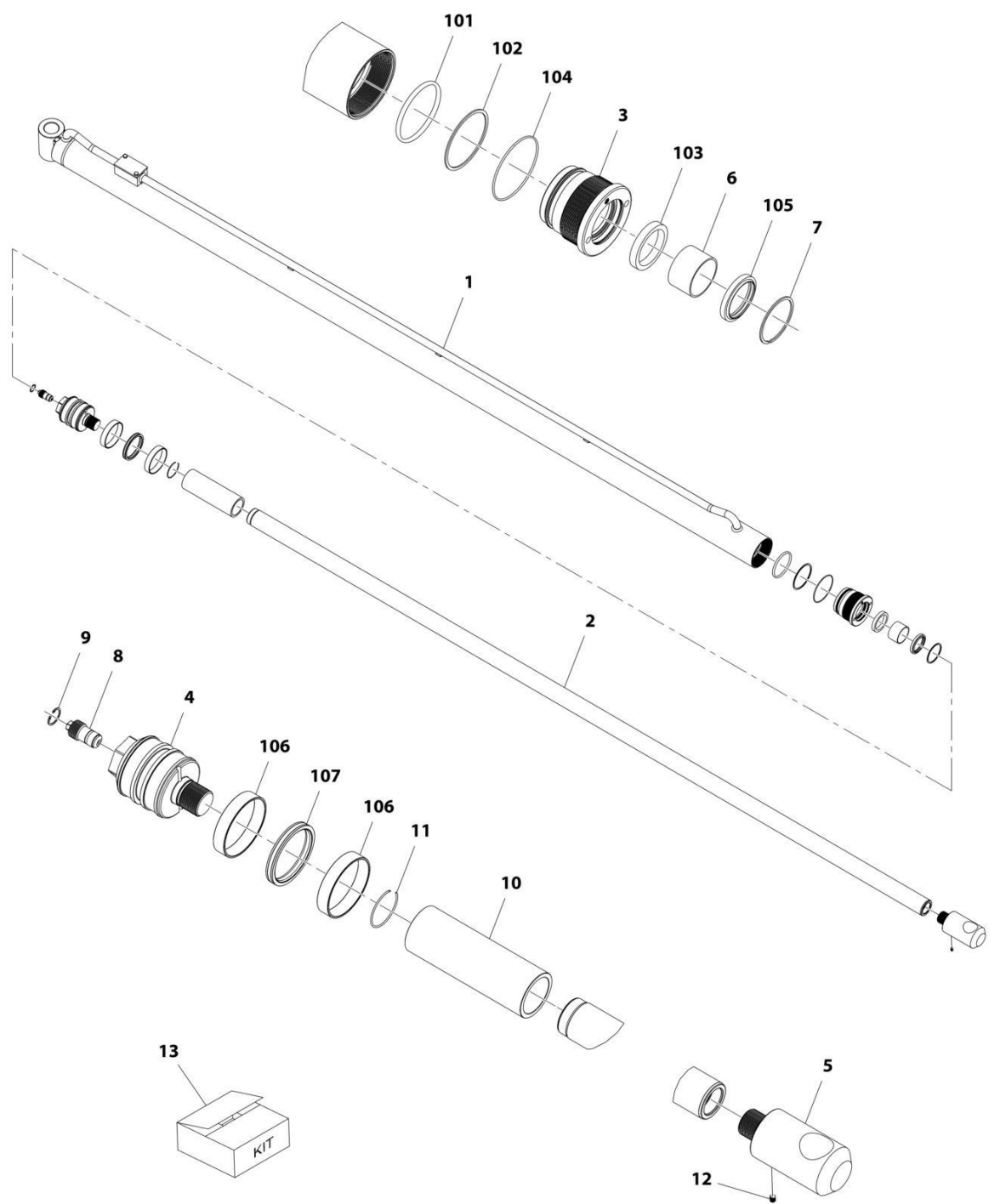
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-6. CYLINDER SUB-ASSEMBLY - EXTEND/RETRACT (TELESCOPE) (OUTER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203313	Ref	EXTEND/RETRACT CYLINDER ASSEMBLY	B
1	5271917	4	Screw M8 x 65	
2	1001175019	1	Cylinder, Extend/Retract (See Separate Breakdown in this Section)	
3	1001192946	1	Valve, Counterbalance	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-7. CYLINDER ASSEMBLY - EXTEND/RETRACT (TELESCOPE) (OUTER)



ART_1001175019-G

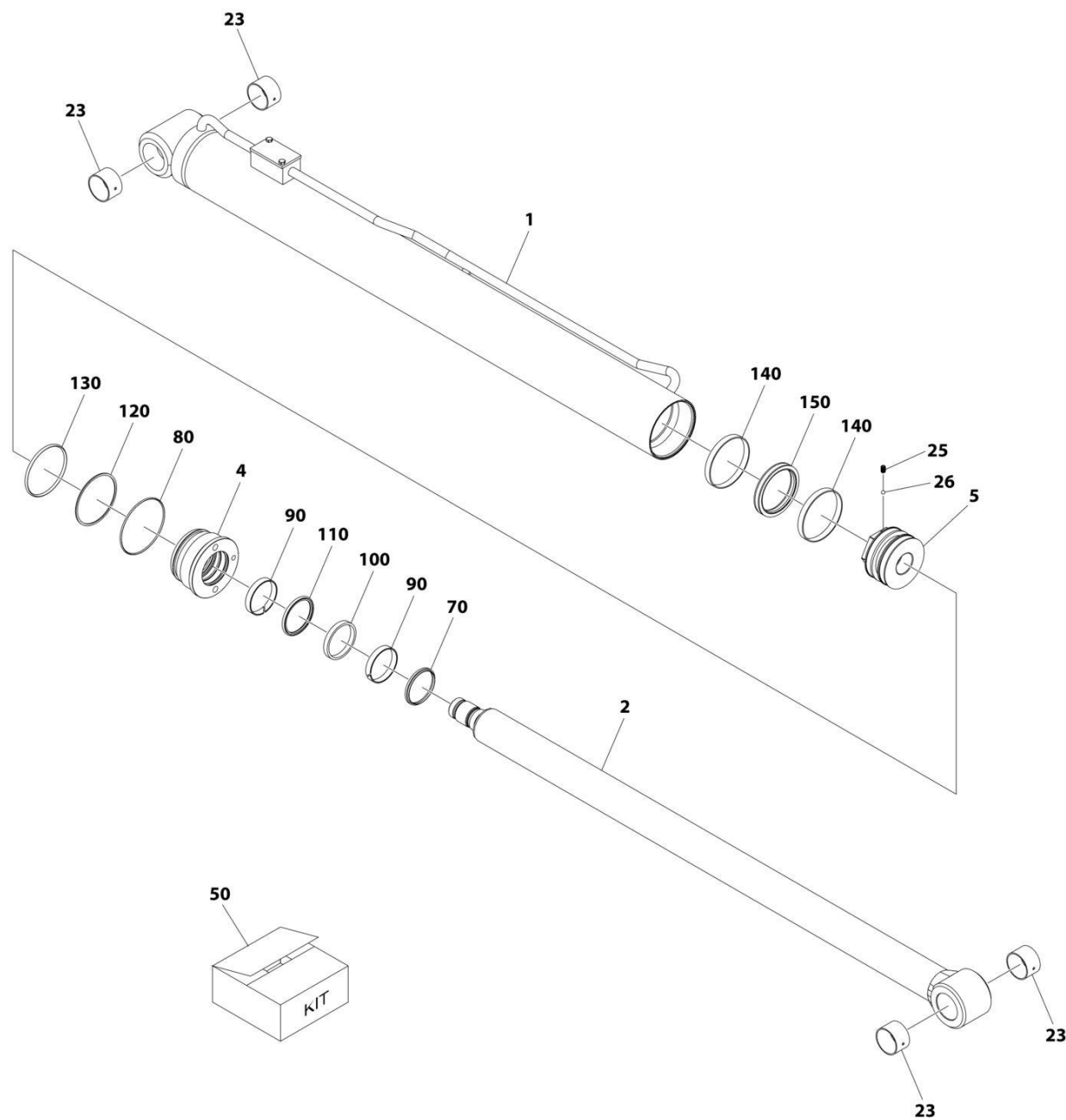
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-7. CYLINDER ASSEMBLY - EXTEND/RETRACT (TELESCOPE) (OUTER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175019	Ref	Extend/Retract Cylinder	G
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70027068	1	Barrel	
2	70027069	1	Rod	
3	70027070	1	Head	
4	70027071	1	Piston	
5	70027072	1	Screw	
6	70027073	1	Bushing, Spare	
7	70002222	1	Ring, Retaining	
8	70027087	1	Valve, Check	
9	70027074	1	Circlip	
10	70027075	1	Spacer	
11	70027076	1	Wire Ring	
12	70027088	1	Screw, Lock	
13	70027067	1	Kit, Seal	
101	Kit	1	O-Ring	
102	Kit	1	Ring, Backup	
103	Kit	1	Seal, Rod	
104	Kit	1	O-Ring	
105	Kit	1	Wiper	
106	Kit	1	Bearing, Piston Ring	
107	Kit	1	Seal, Piston	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-8. CYLINDER ASSEMBLY - LIFT



ART_1001267963

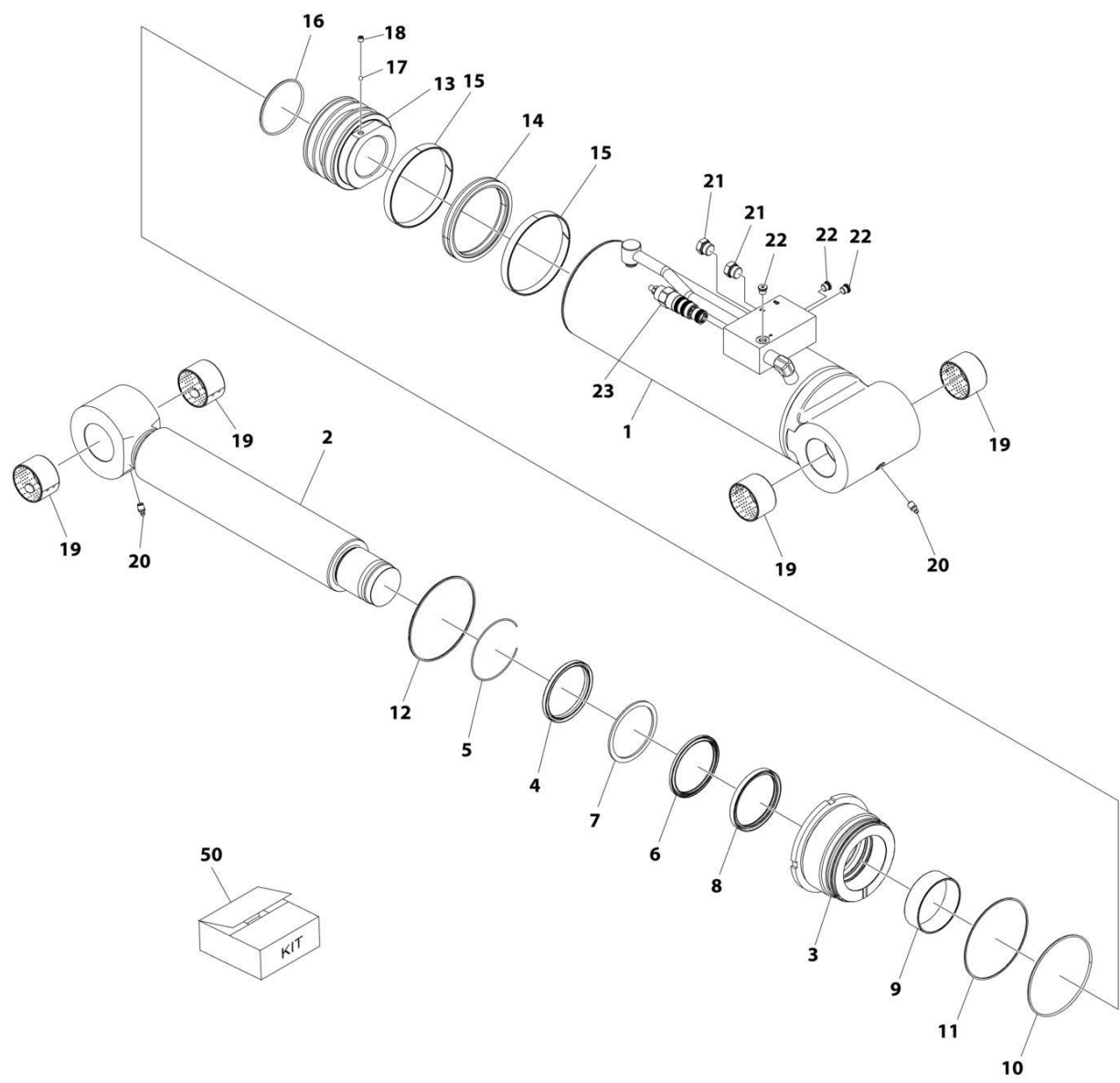
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-8. 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 9-9. CYLINDER ASSEMBLY - TILT



ART_1001276694

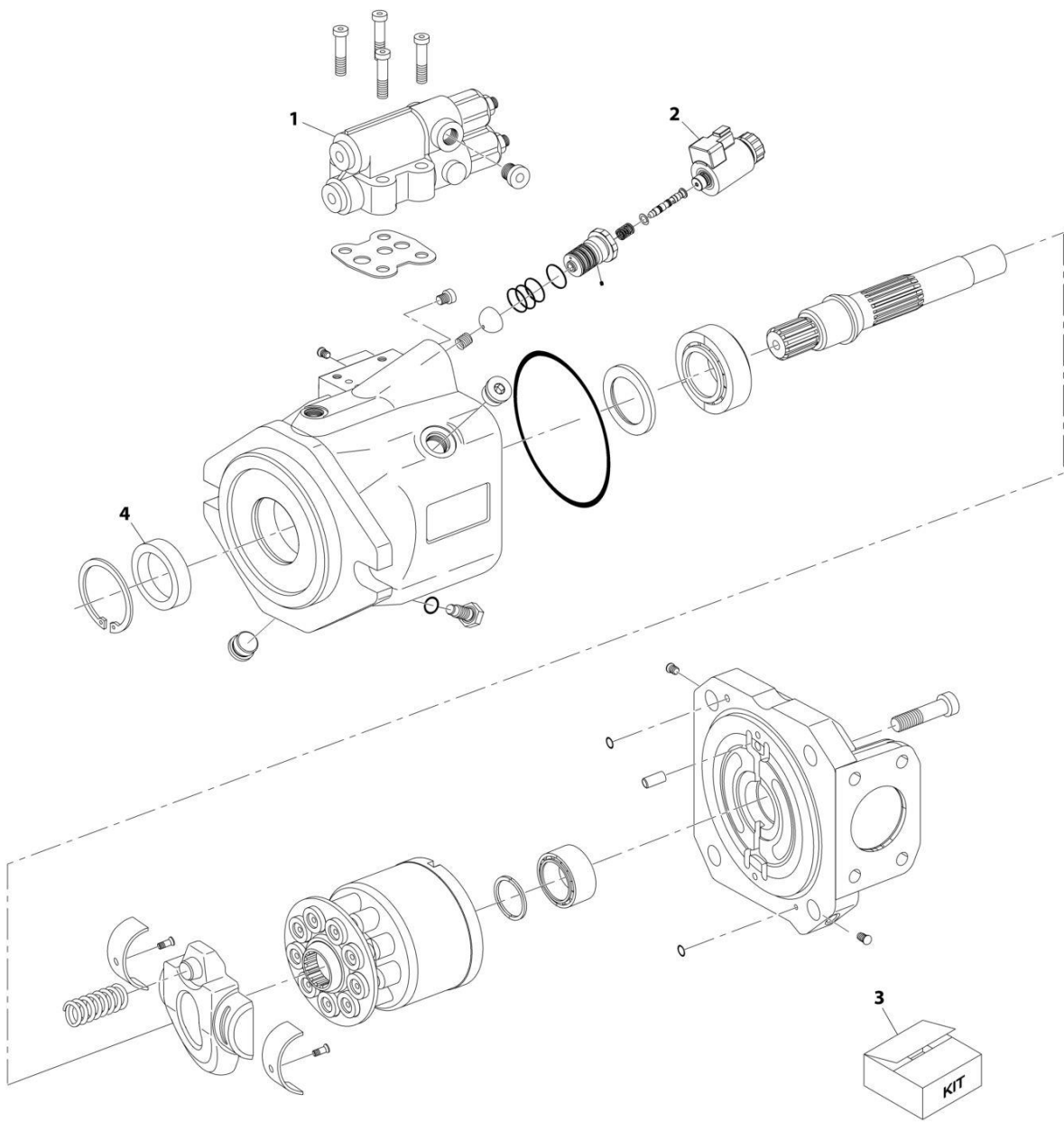
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-9. CYLINDER ASSEMBLY - TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276694	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 1001276694)	
2	70027744	1	Rod	
3	70027223	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	70031042	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	70023369	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	70031043	1	Seal Kit (Includes Items 4, 6-8, 10-12 & 14-16)	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-10. IMPLEMENT PUMP



ART_1001200815-B

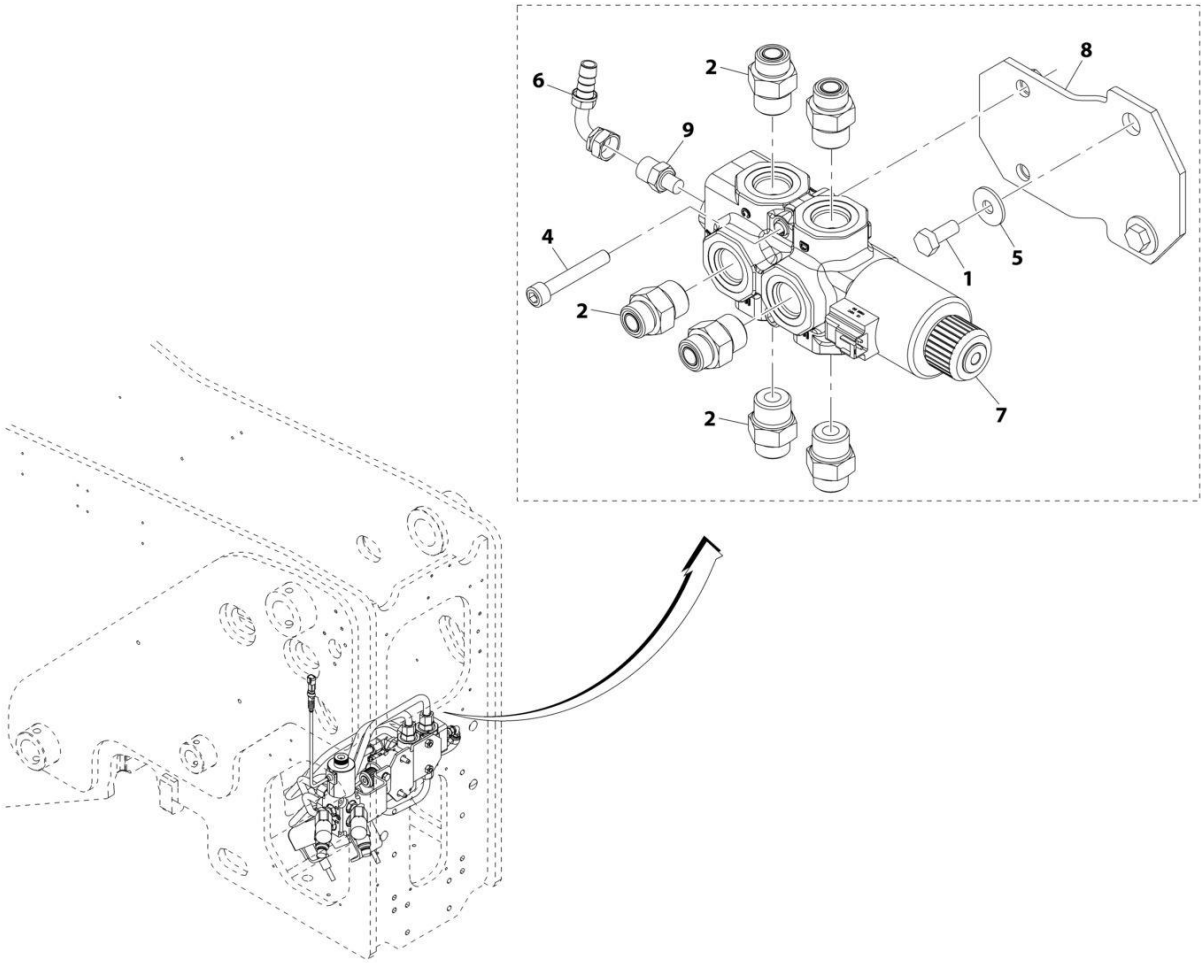
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-10. 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 9-11. VALVE SUB-ASSEMBLY - DIVERTOR (HI-FLOW)



ART_1001204420-C

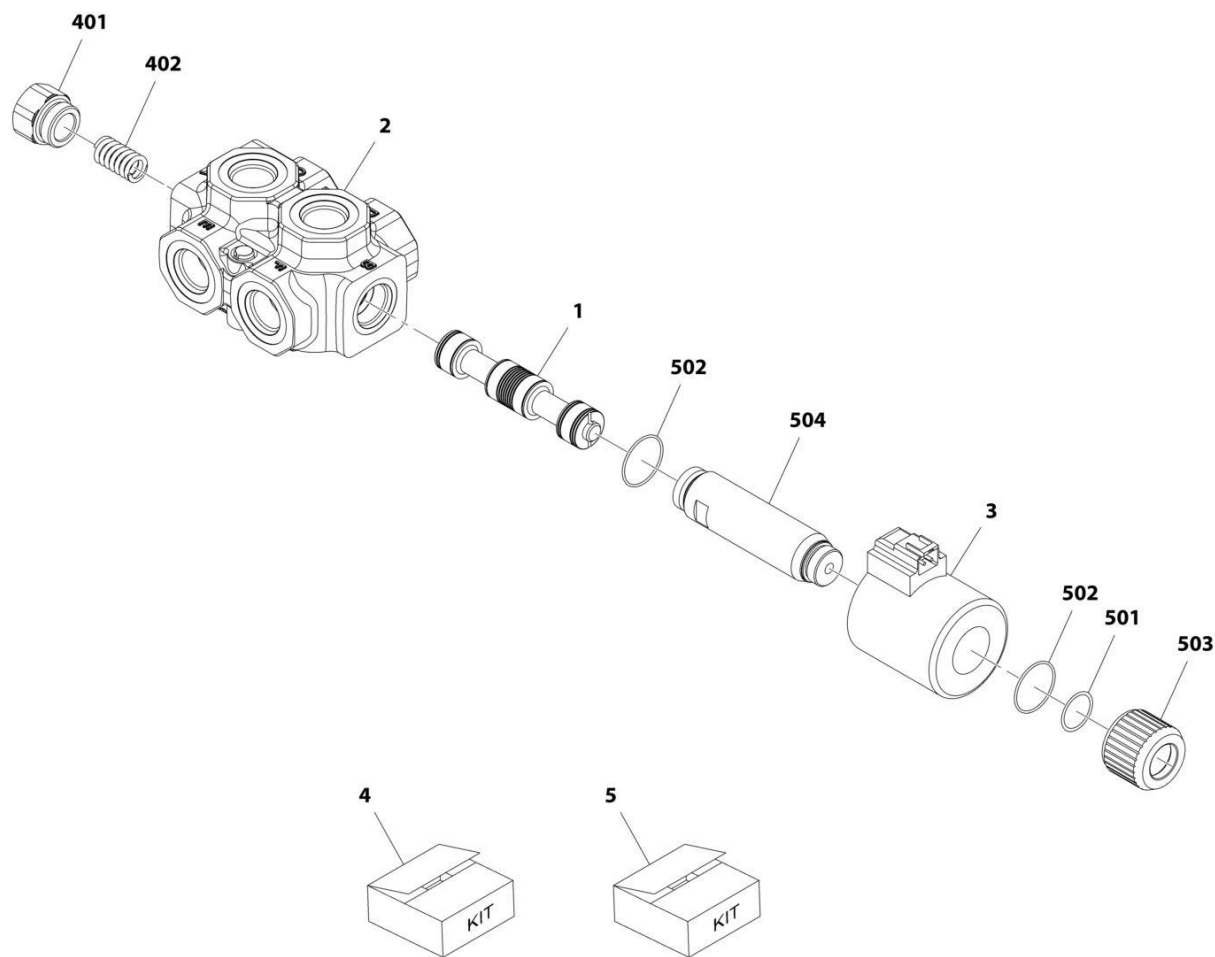
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-11. 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 9-12. VALVE ASSEMBLY - DIVERTOR



ART_1001173771-D

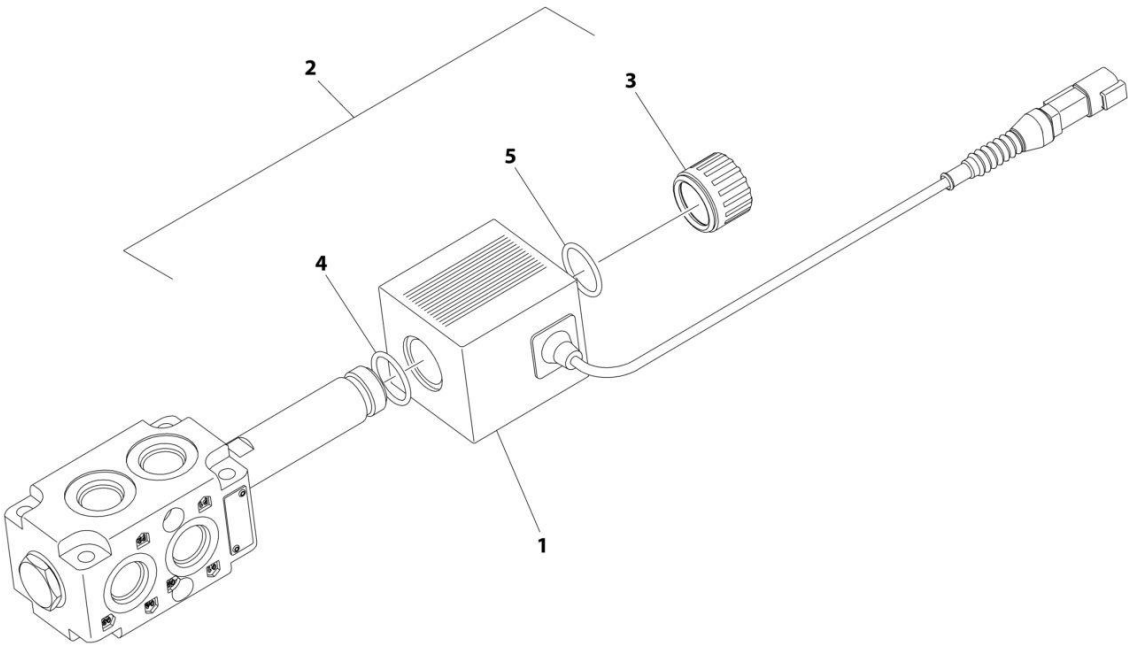
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-12. 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 9-13. VALVE ASSEMBLY - DIVERTOR



ART_1001104477

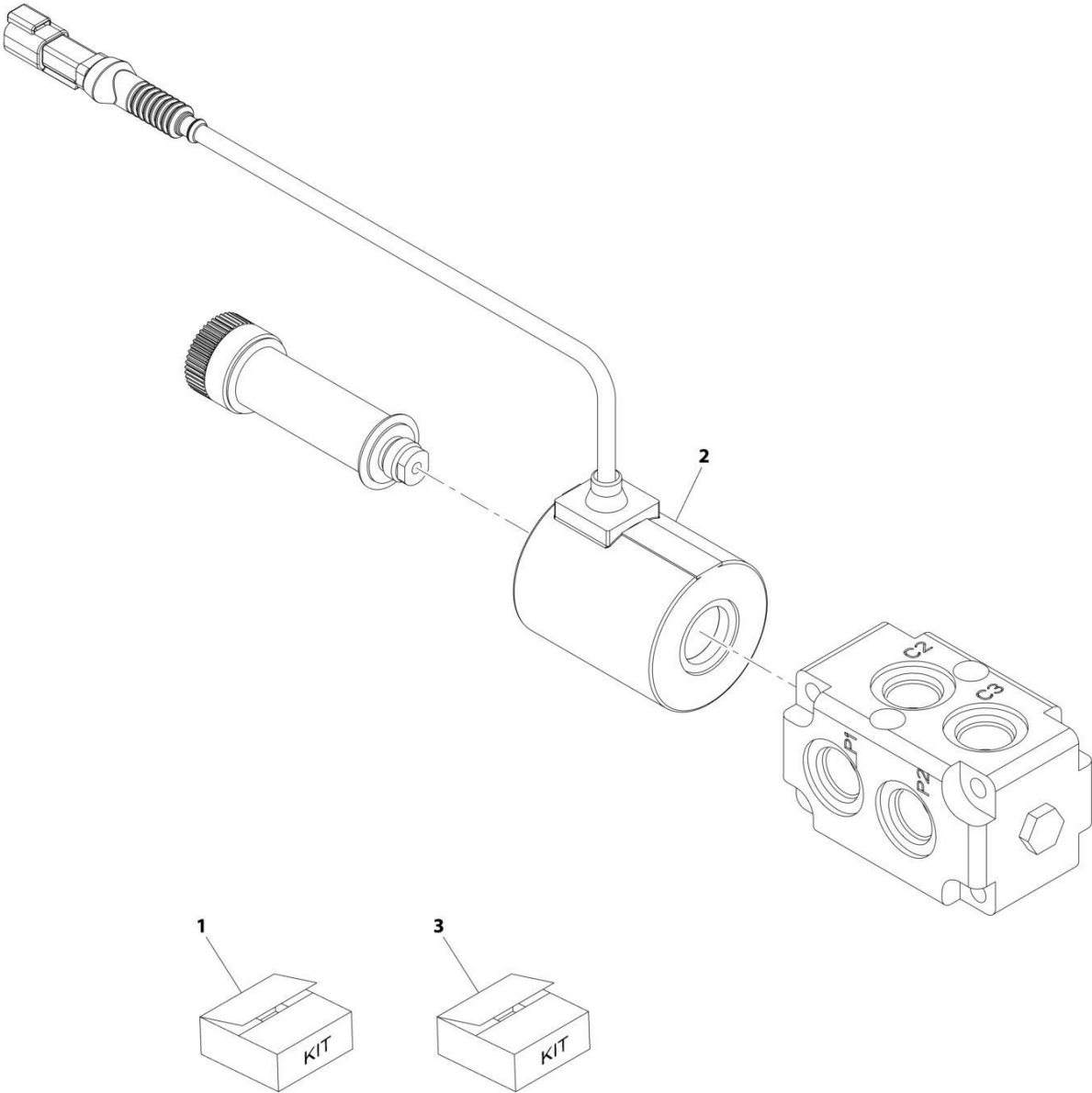
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-13. 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 9-14. VALVE ASSEMBLY - DIVERTOR



ART_1001110023-B

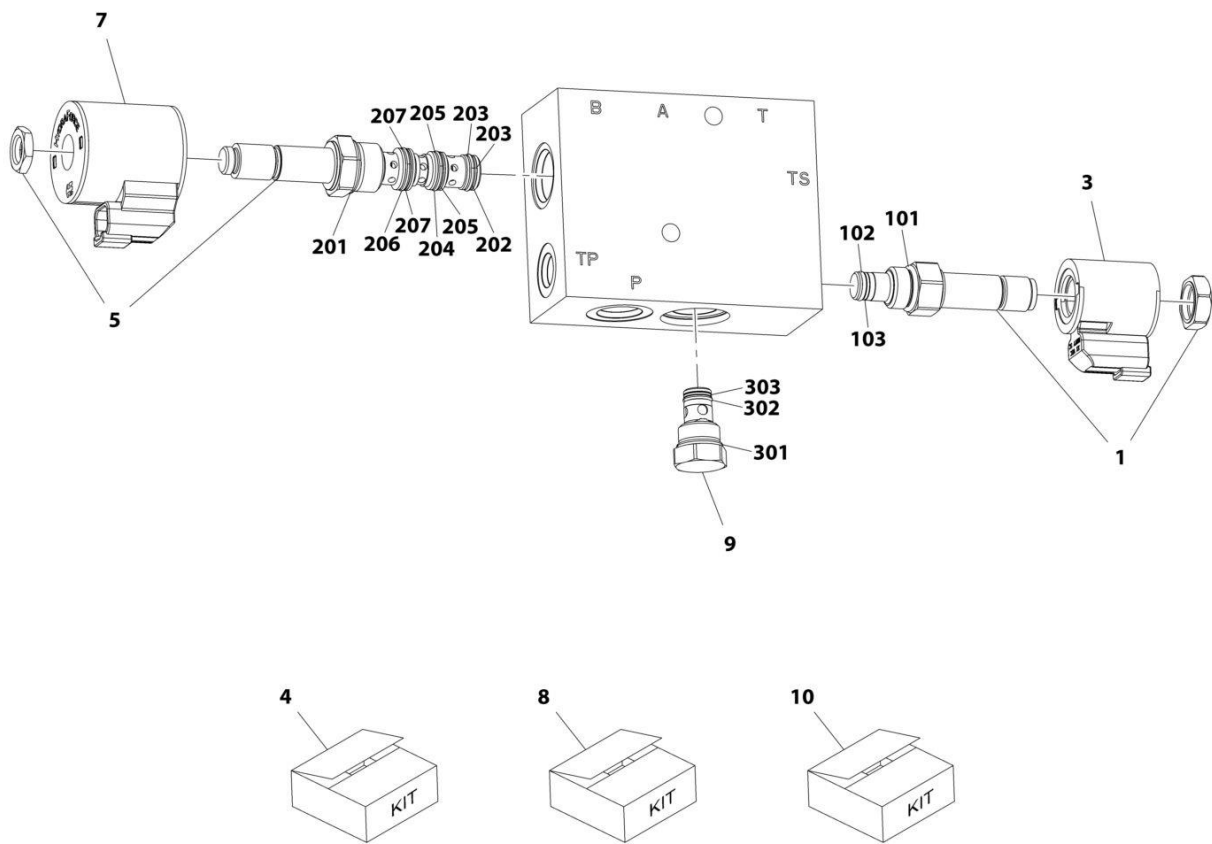
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-14. 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 9-15. VALVE ASSEMBLY - FAN MOTOR CONTROL



ART_1001182213-C

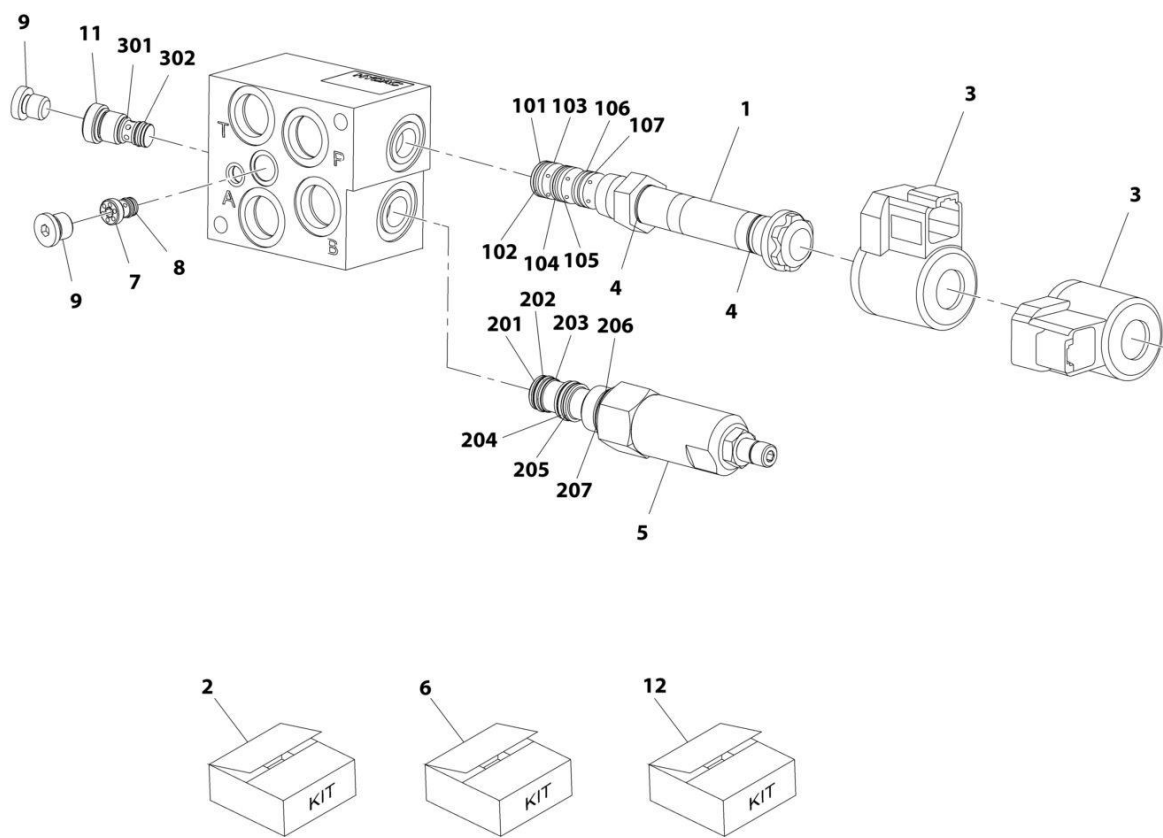
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-15. 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 9-16. VALVE ASSEMBLY - HYDRAULIC HITCH CONTROL VALVE



ART_1001226722-A

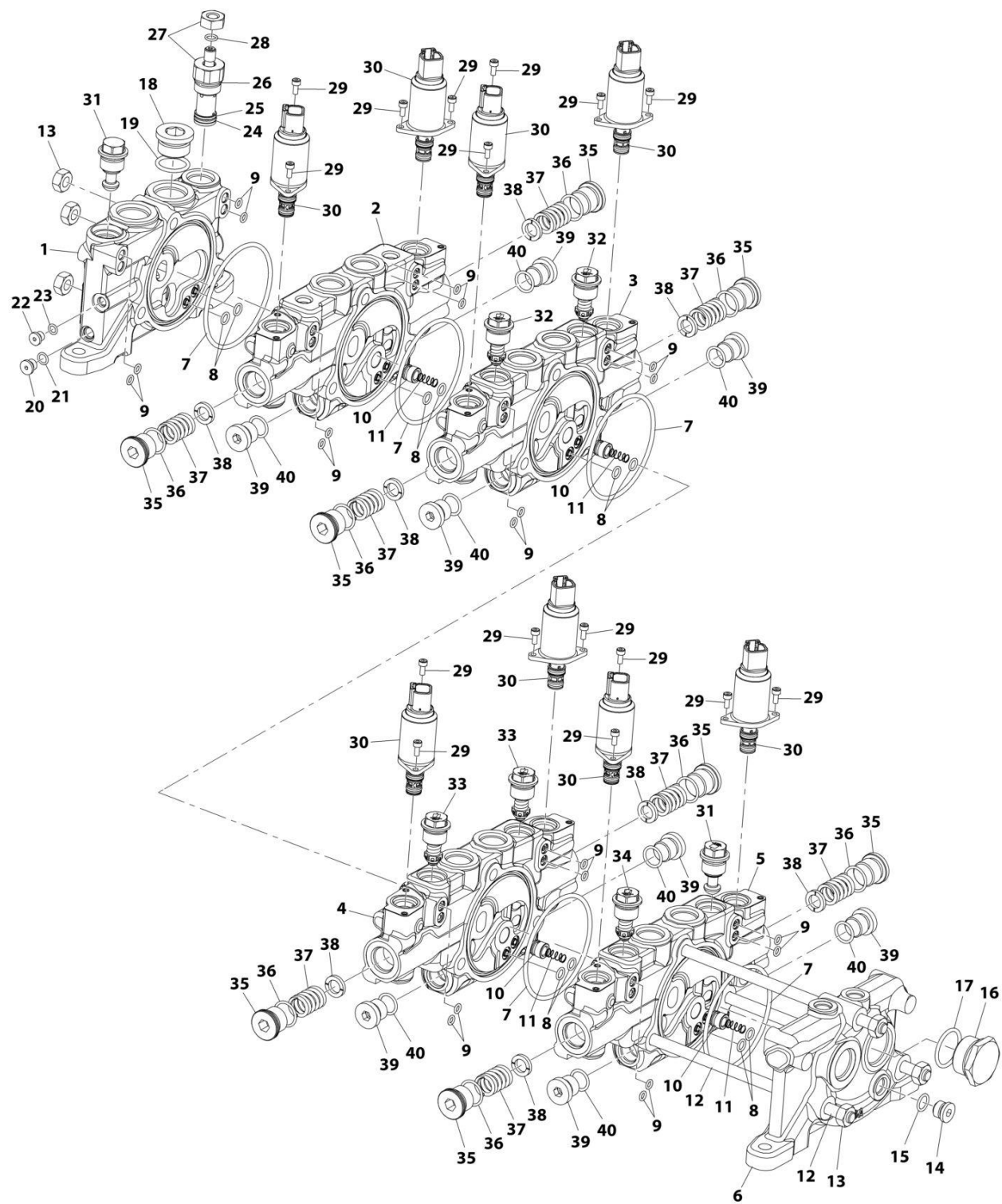
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-16. 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 9-17. VALVE ASSEMBLY - MAIN CONTROL



ART_1001241883-A

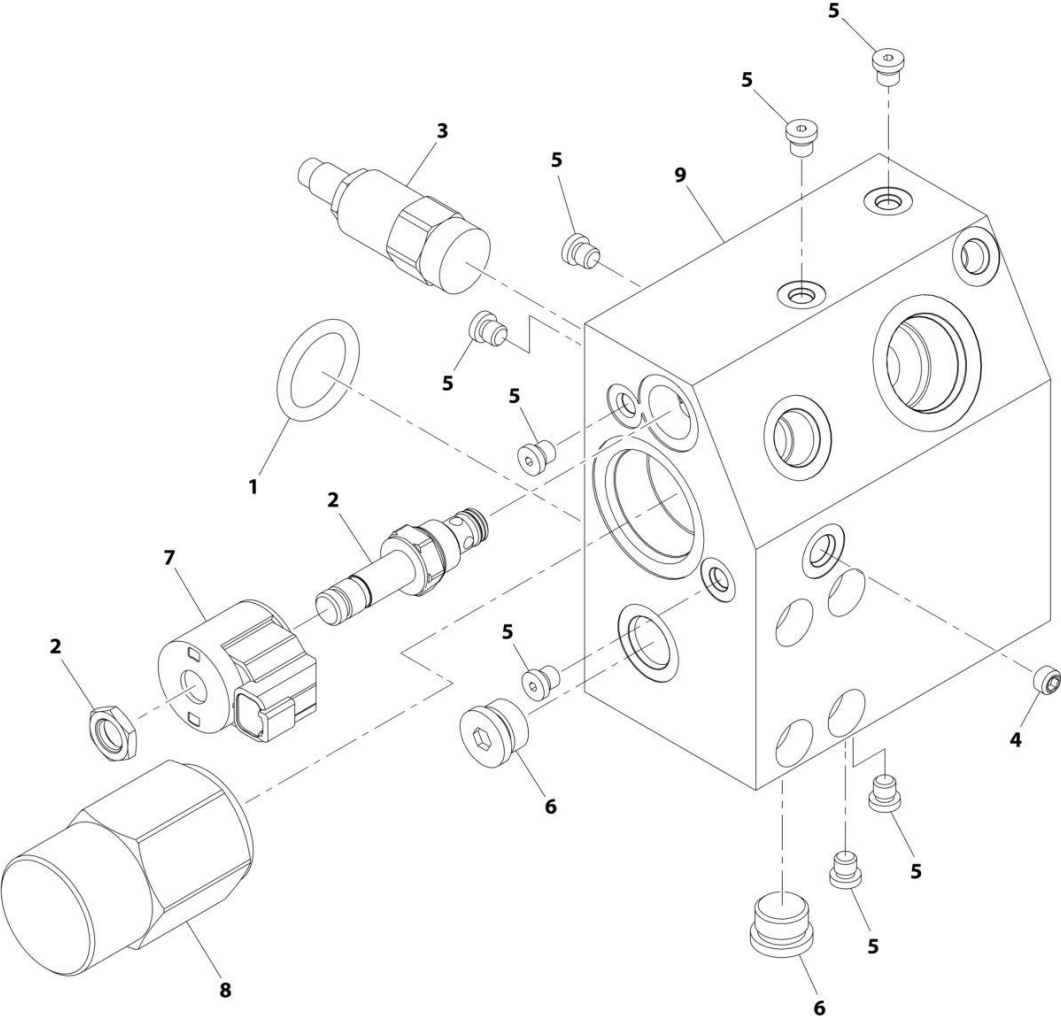
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-17. 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 9-18. VALVE ASSEMBLY - PRIORITY FLOW MANIFOLD



ART_1001220639-B

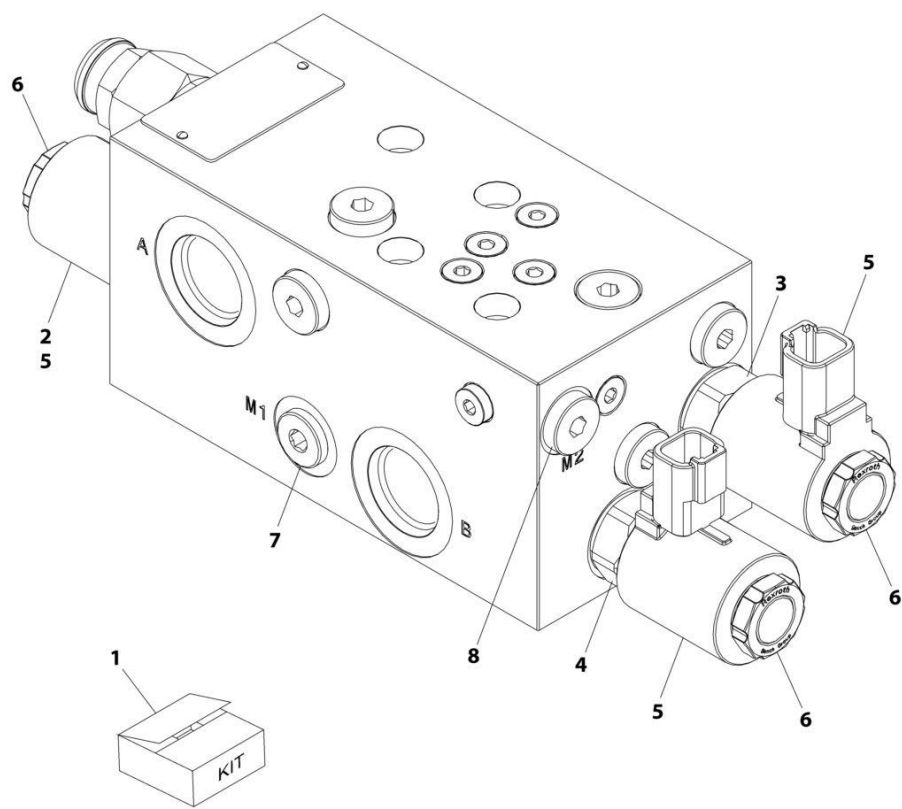
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-18. 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 9-19. VALVE ASSEMBLY - RIDE CONTROL



ART_1001263039

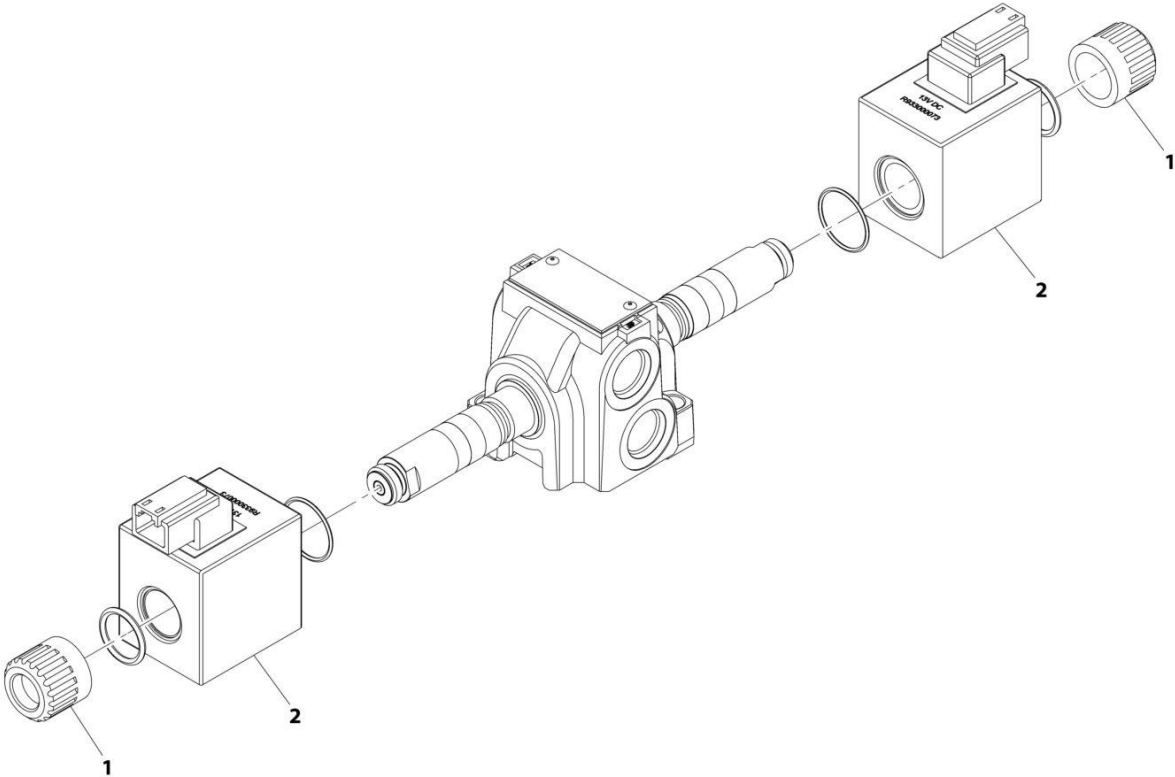
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-19. 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 9-20. VALVE ASSEMBLY - STEERING SELECT VALVE



ART_1001153748-C

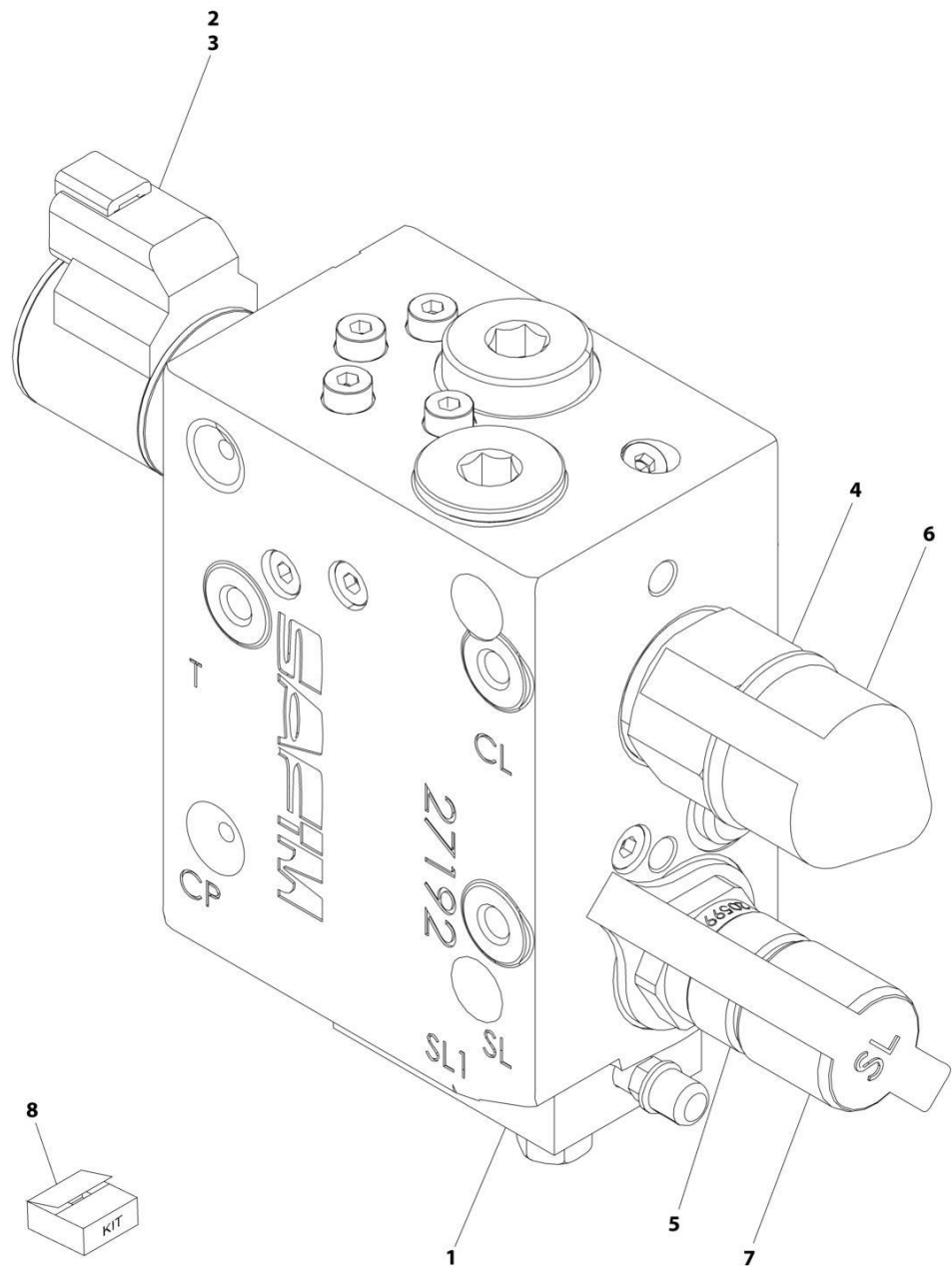
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-20. 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 9-21. VALVE ASSEMBLY - TRAILER BRAKE



ART_1001230194

SECTION 9 - HYDRAULIC COMPONENTS

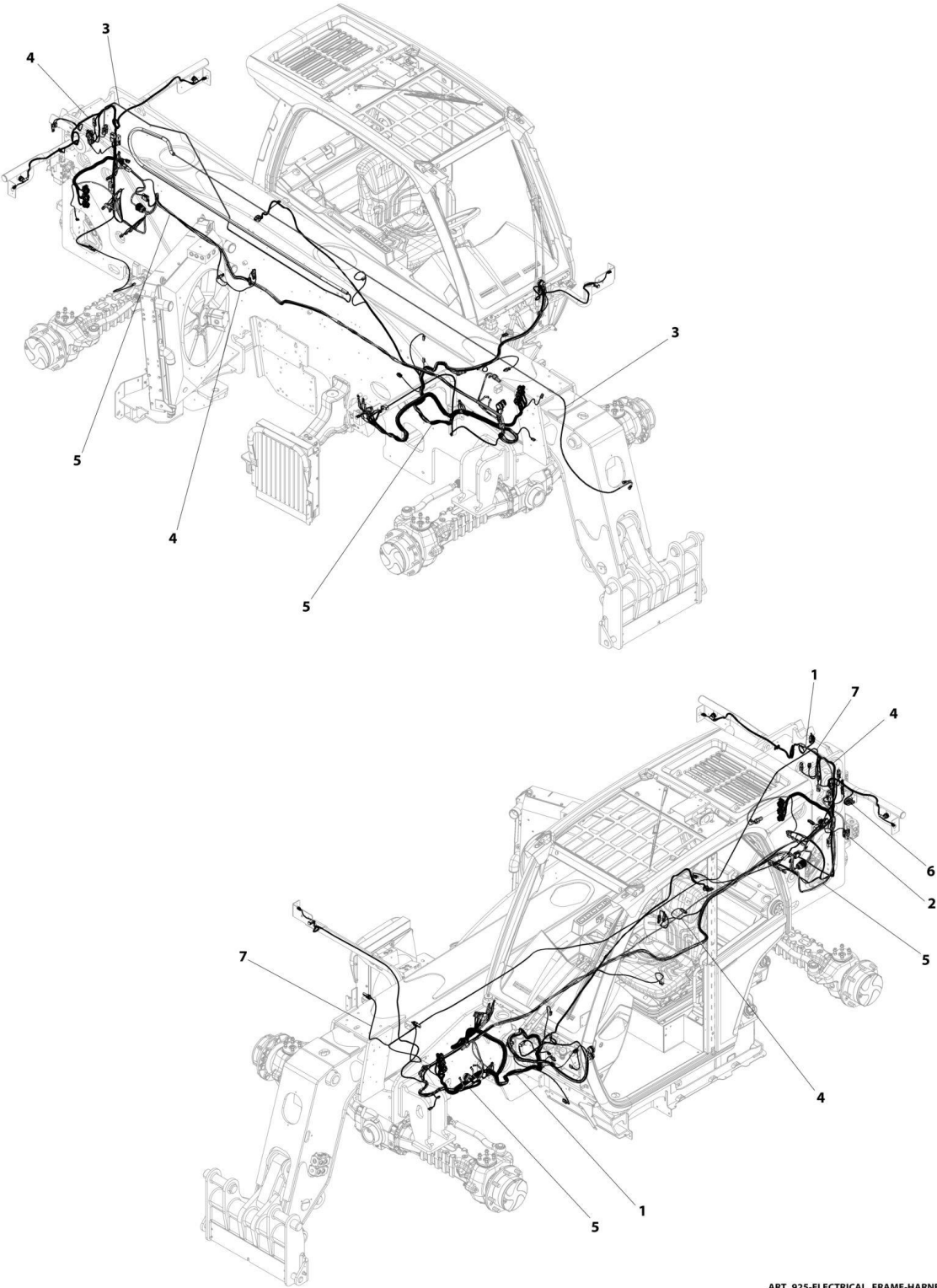
FIGURE 9-21. VALVE ASSEMBLY - TRAILER BRAKE

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	Quadriring 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

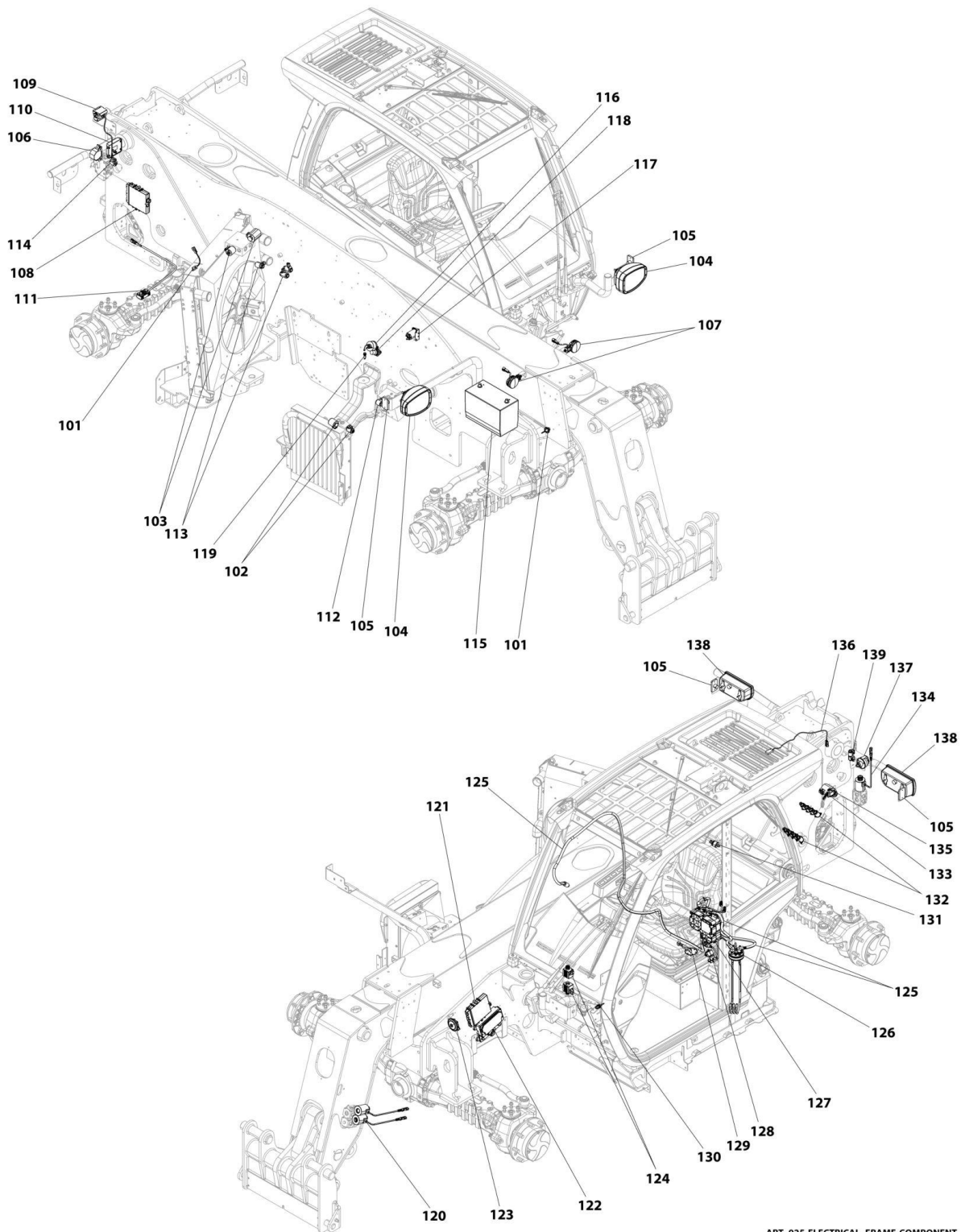
SECTION 10 - ELECTRICAL

FIGURE 10-1. 832 ELECTRICAL LAYOUT



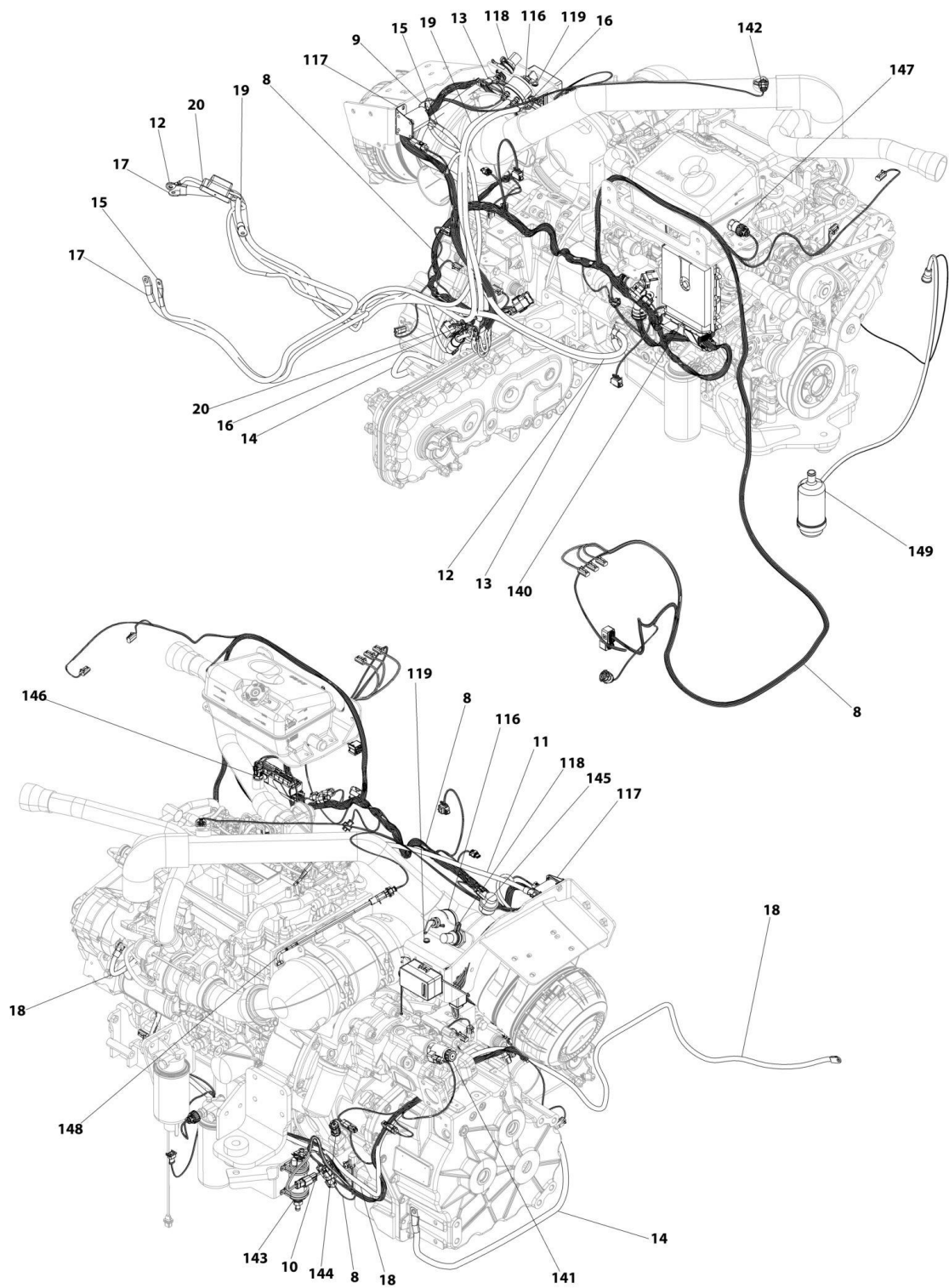
ART_925-ELECTRICAL_FRAME-HARNESS

SECTION 10 - ELECTRICAL



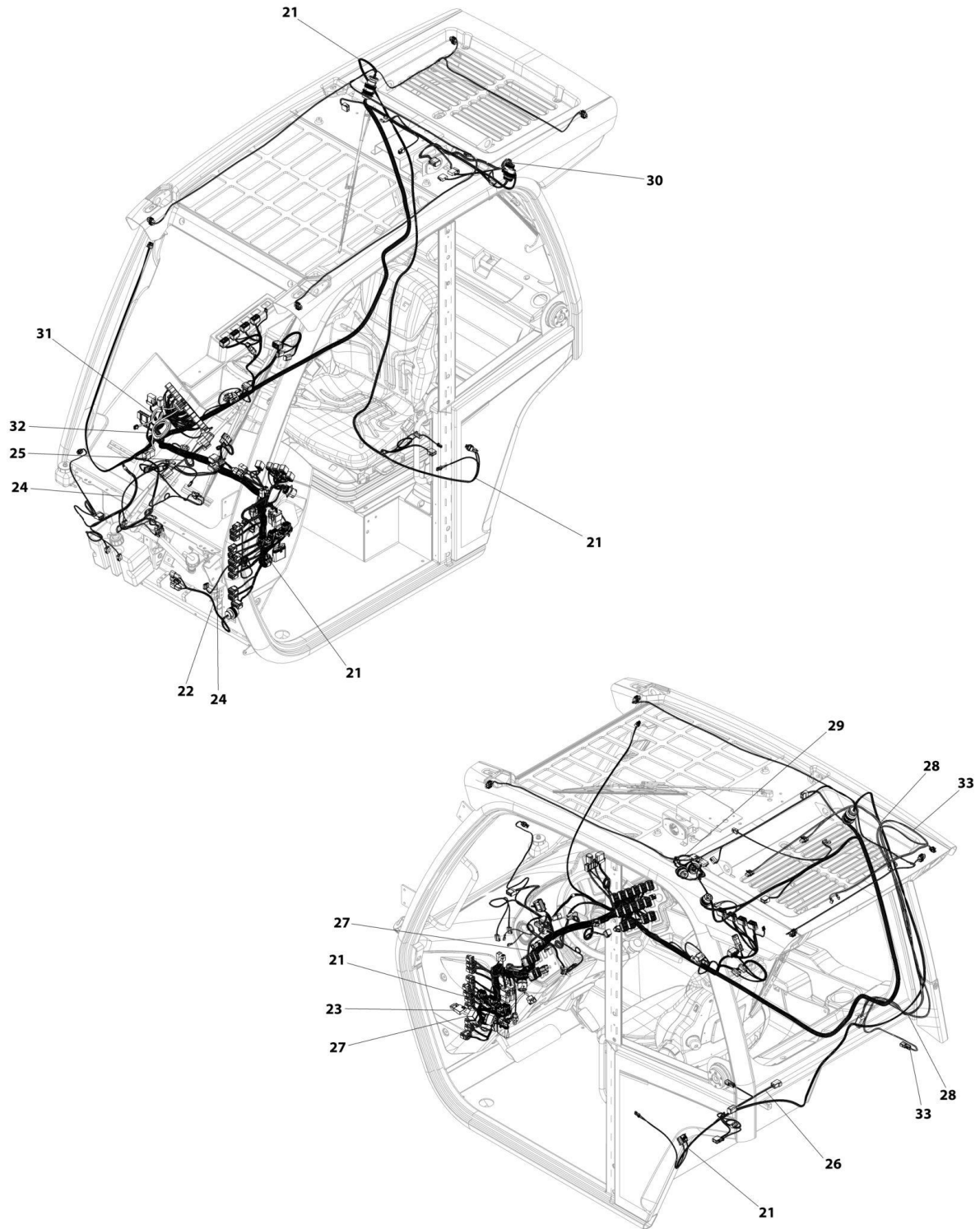
ART_925-ELECTRICAL_FRAME-COMPONENT

SECTION 10 - ELECTRICAL



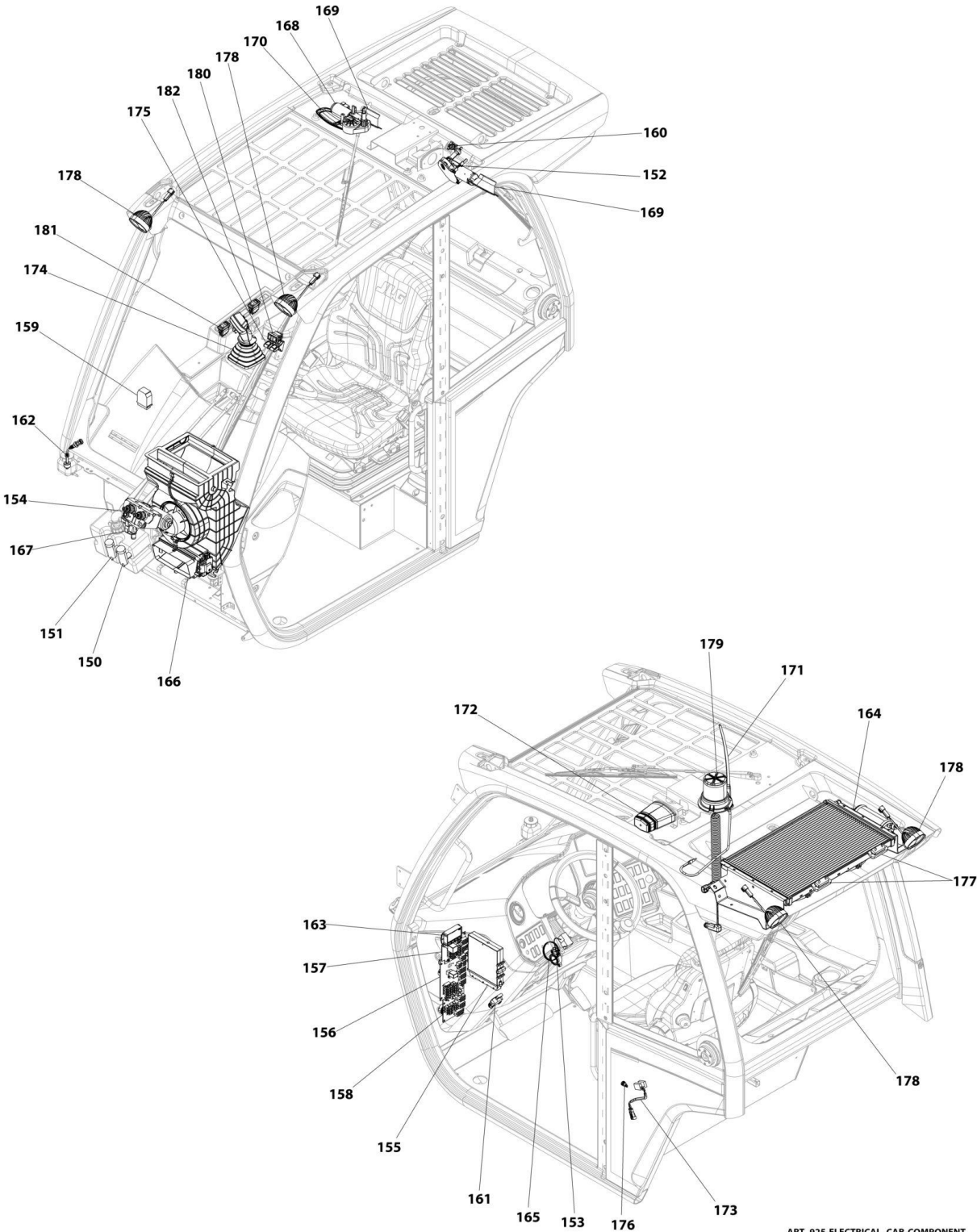
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SECTION 10 - ELECTRICAL

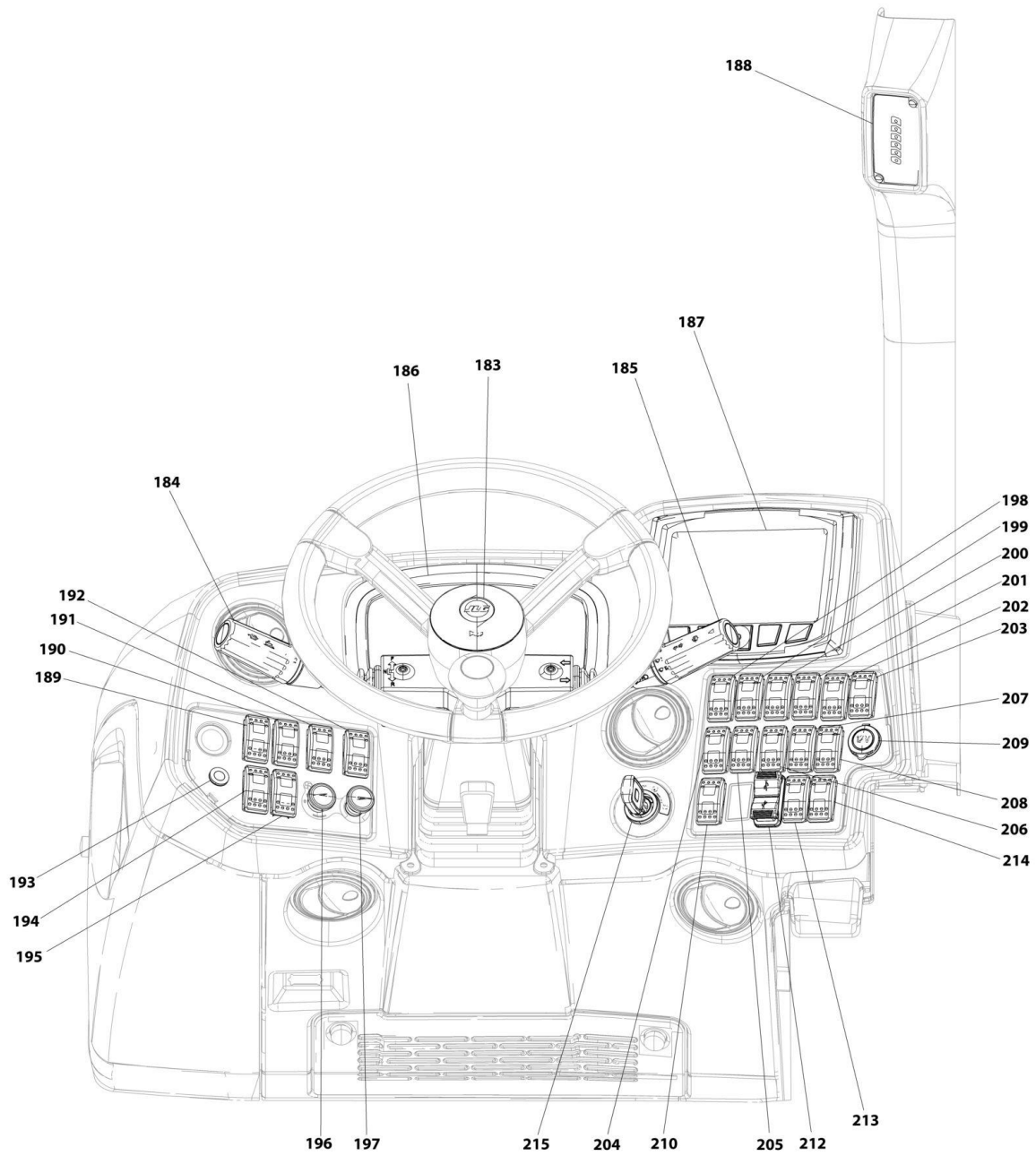


ART_925-ELECTRICAL_CAB-HARNESS

SECTION 10 - ELECTRICAL



SECTION 10 - ELECTRICAL



ART_832-ELECTRICAL_CONTROLS

SECTION 10 - ELECTRICAL

FIGURE 10-1. 832 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	
29		Ref	Harness, Telematics Ready	
30		Ref	Harness, Telematics	
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	
114		Ref	Solenoid, Trailer Brake Valve	

SECTION 10 - ELECTRICAL

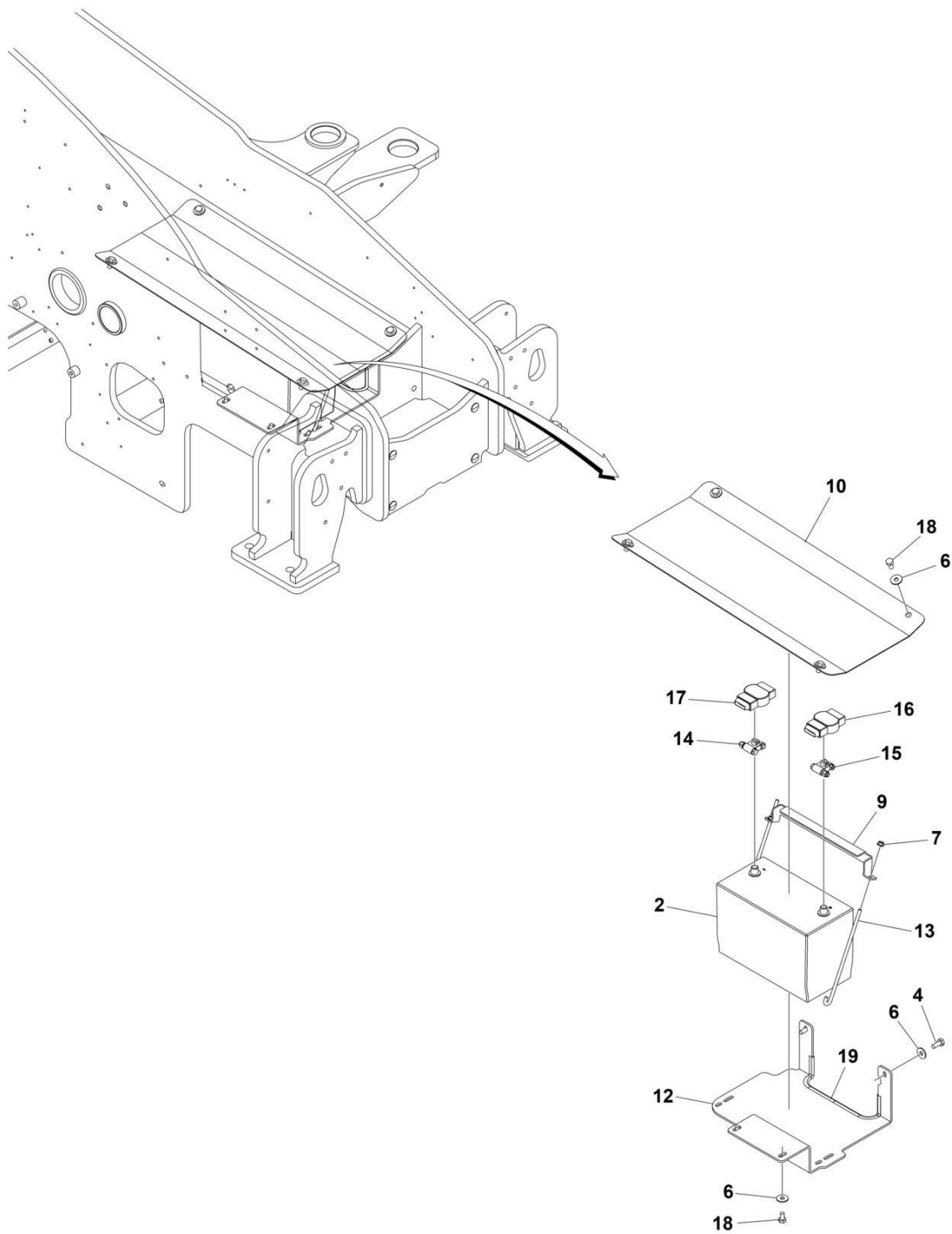
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
115		Ref	Battery	
116		Ref	Switch, Battery Disconnect	
117		Ref	Relay	
118		Ref	Battery Jump Start Stud	
119		Ref	Light, DEF Purge Indicator	
120		Ref	Solenoids, Boom Quick Switch Valve	
121		Ref	Module, Front Frame	
122		Ref	Box, Power Distribution Electrical	
123		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	
165		Ref	Sensor, HVAC Thermostat	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
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

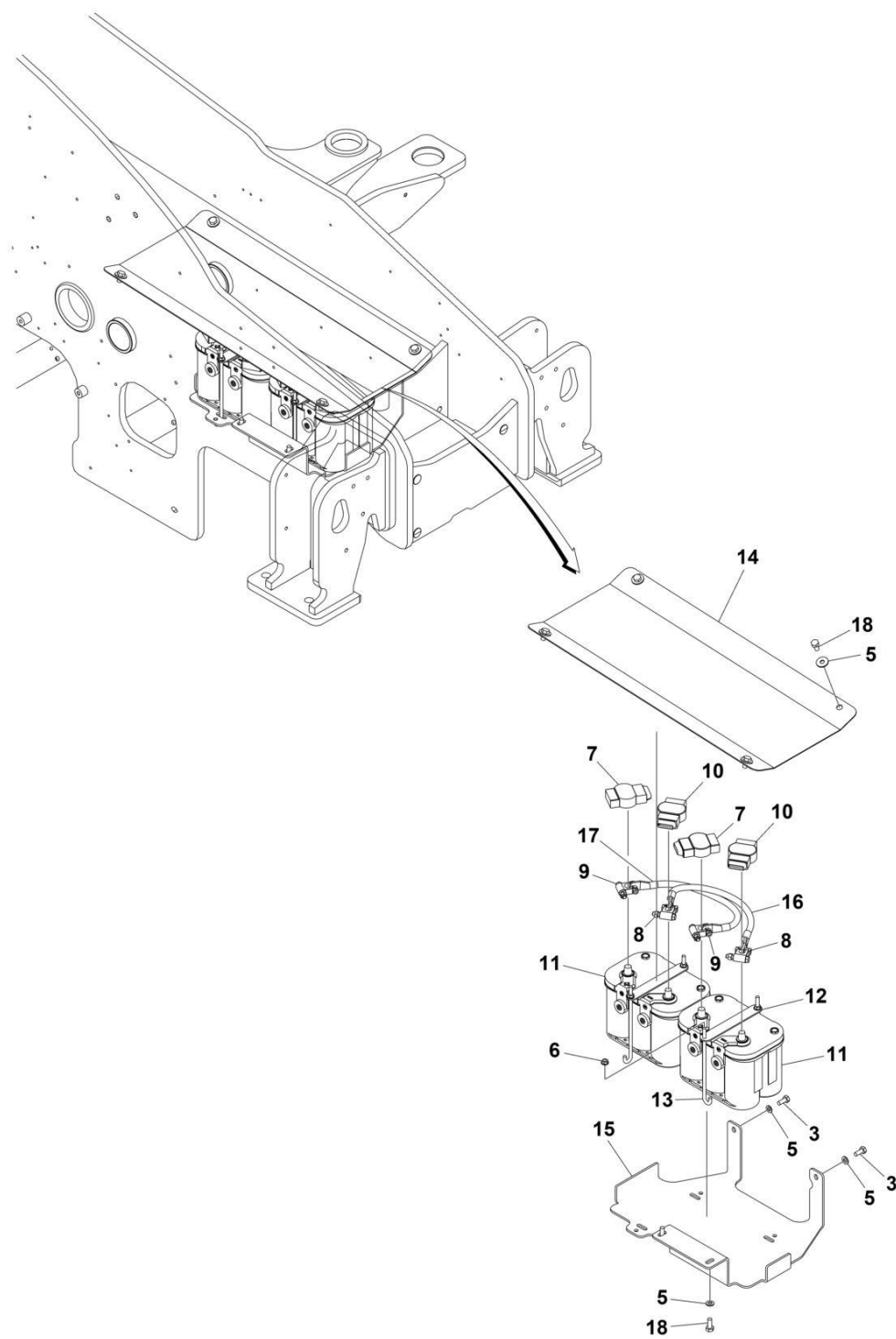
SECTION 10 - ELECTRICAL

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

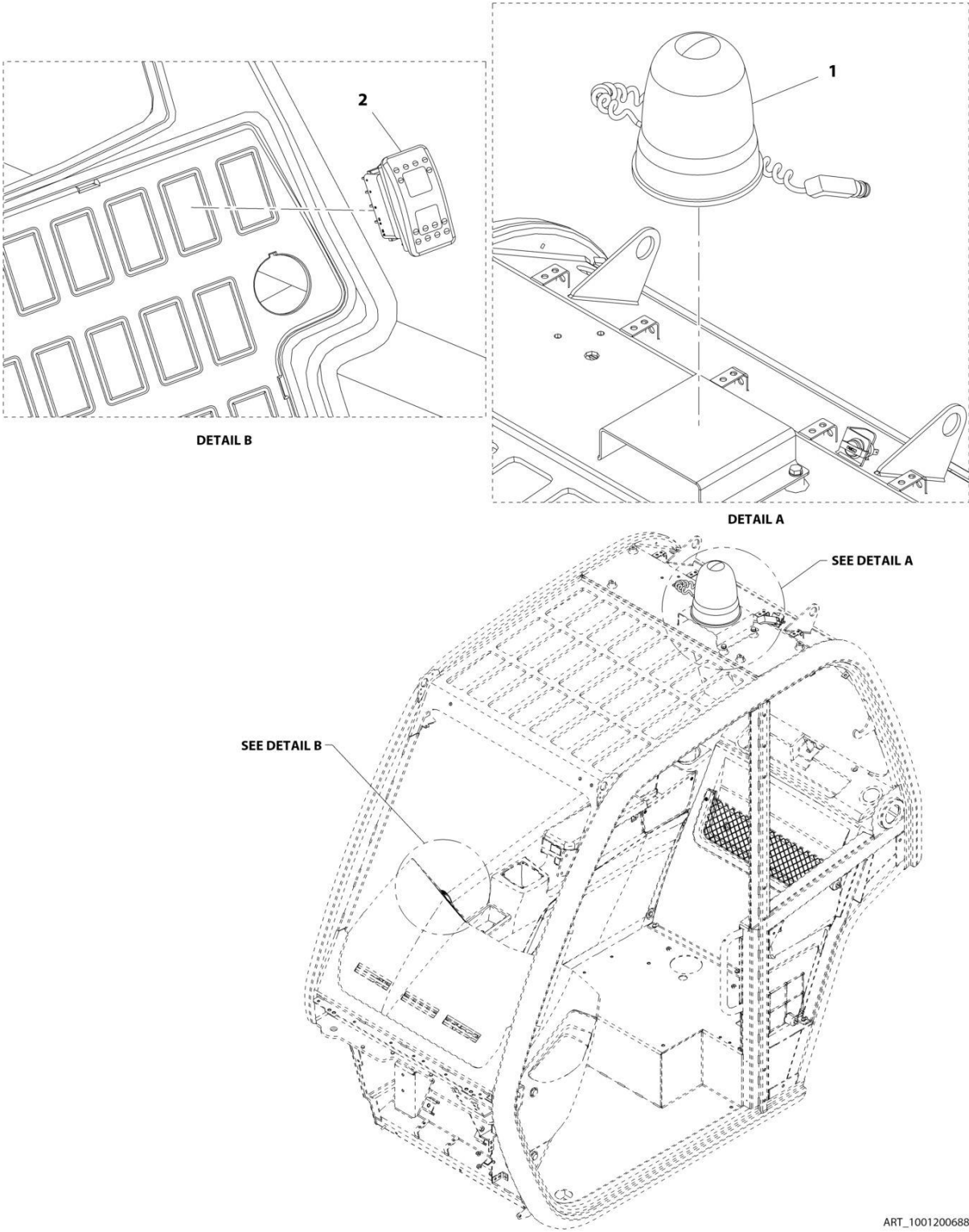
SECTION 10 - ELECTRICAL

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

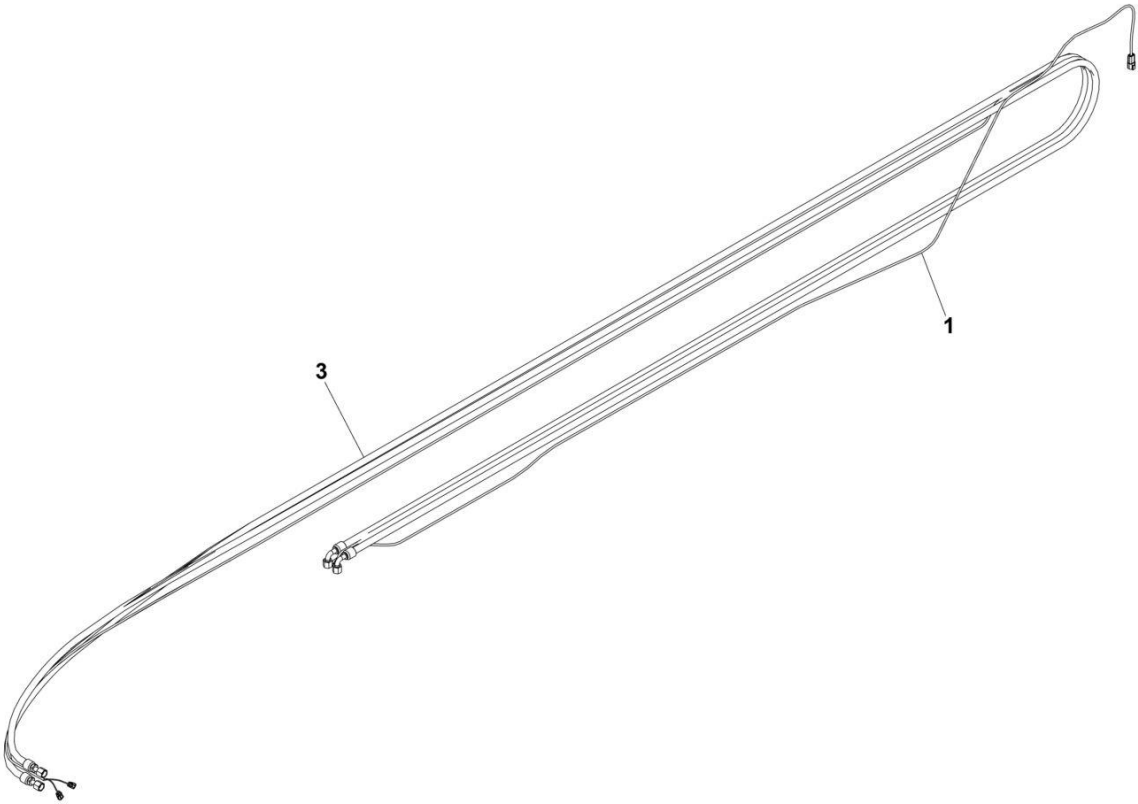
SECTION 10 - ELECTRICAL

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_1001186170

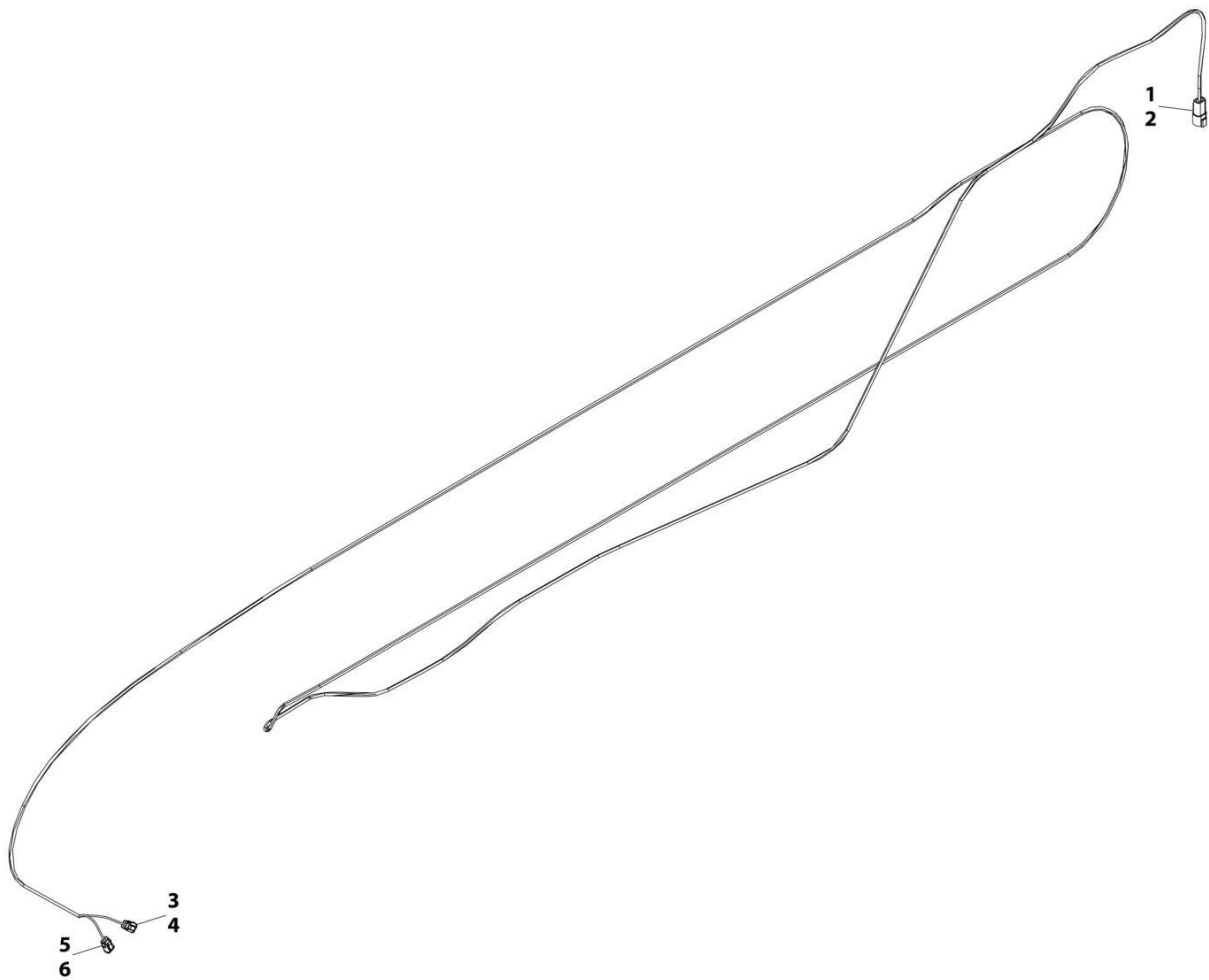
SECTION 10 - ELECTRICAL

FIGURE 10-5. BOOM HARNESS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001186170	Ref	Boom Cable Assembly	D
	1001184422	1	Harness, Boom (See Separate Breakdown in ELECTRICAL Section)	
3	1001204124	1	Hose	

SECTION 10 - ELECTRICAL

FIGURE 10-6. BOOM HARNESS



ART_1001184422-D

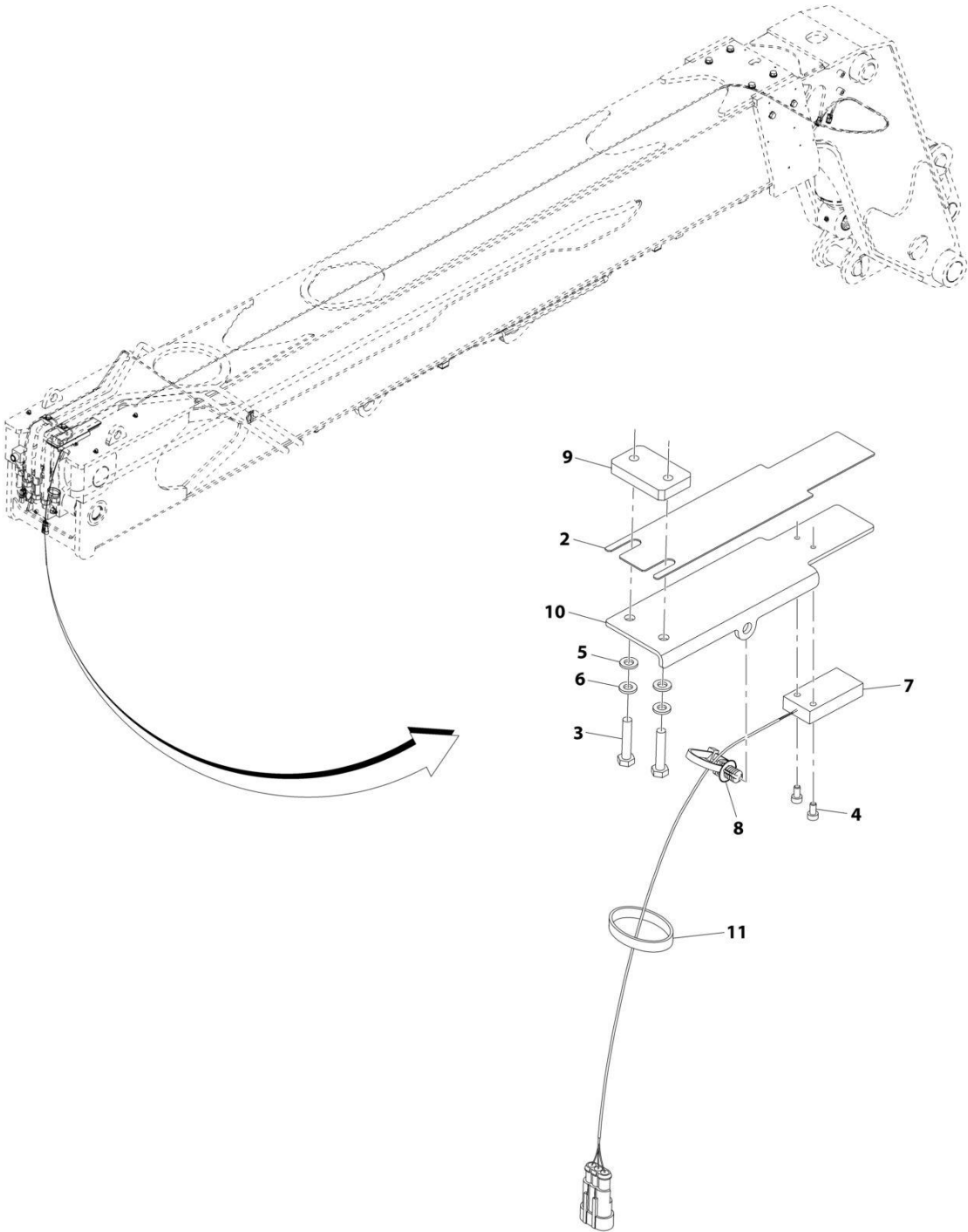
SECTION 10 - ELECTRICAL

FIGURE 10-6. BOOM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184422	Ref	Boom Harness	D
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 RETRACT SENSOR INSTALLATION



ART_1001184856-D

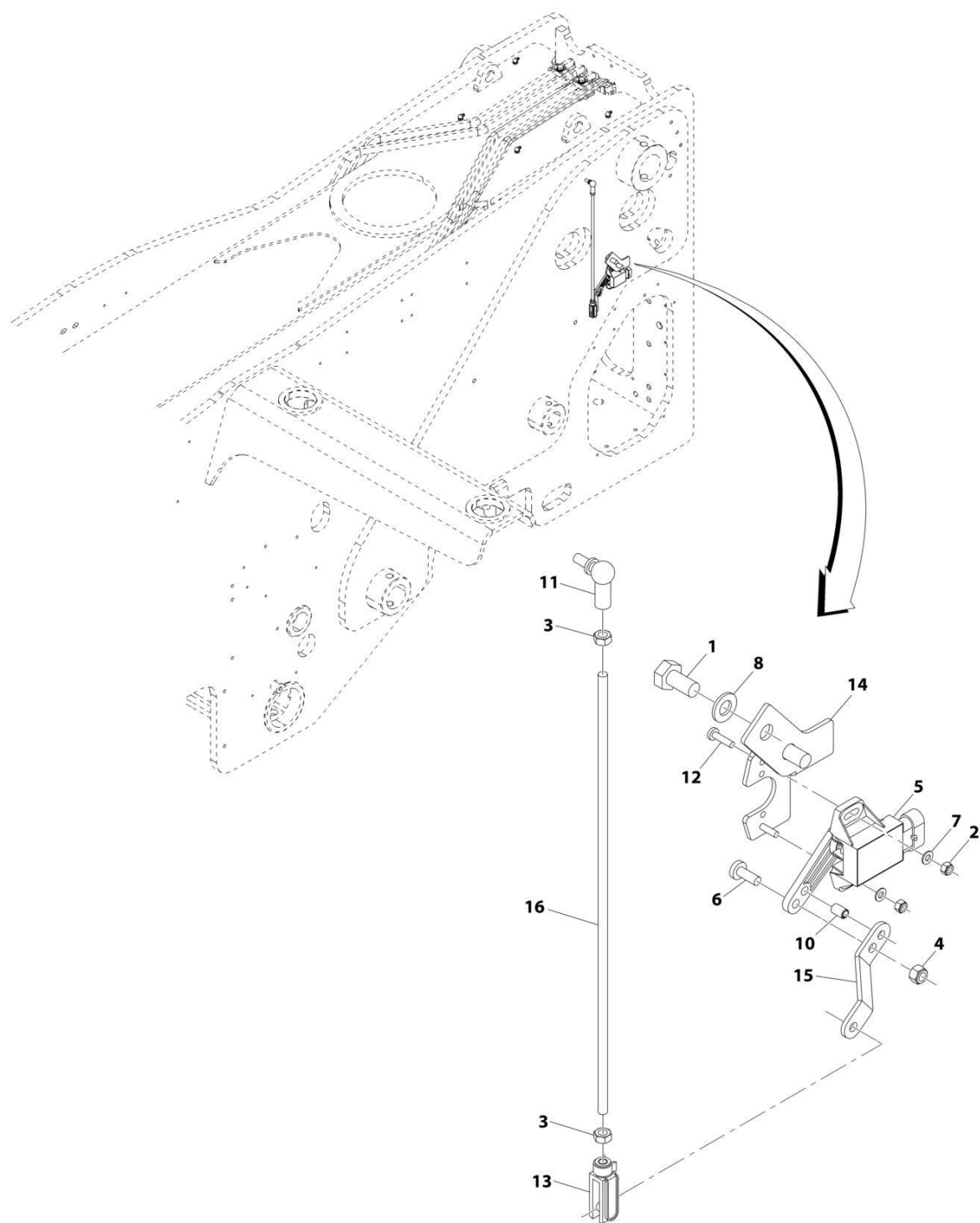
SECTION 10 - ELECTRICAL

FIGURE 10-7. 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 10-8. BOOM ANGLE SENSOR INSTALLATION



ART_1001179937-C

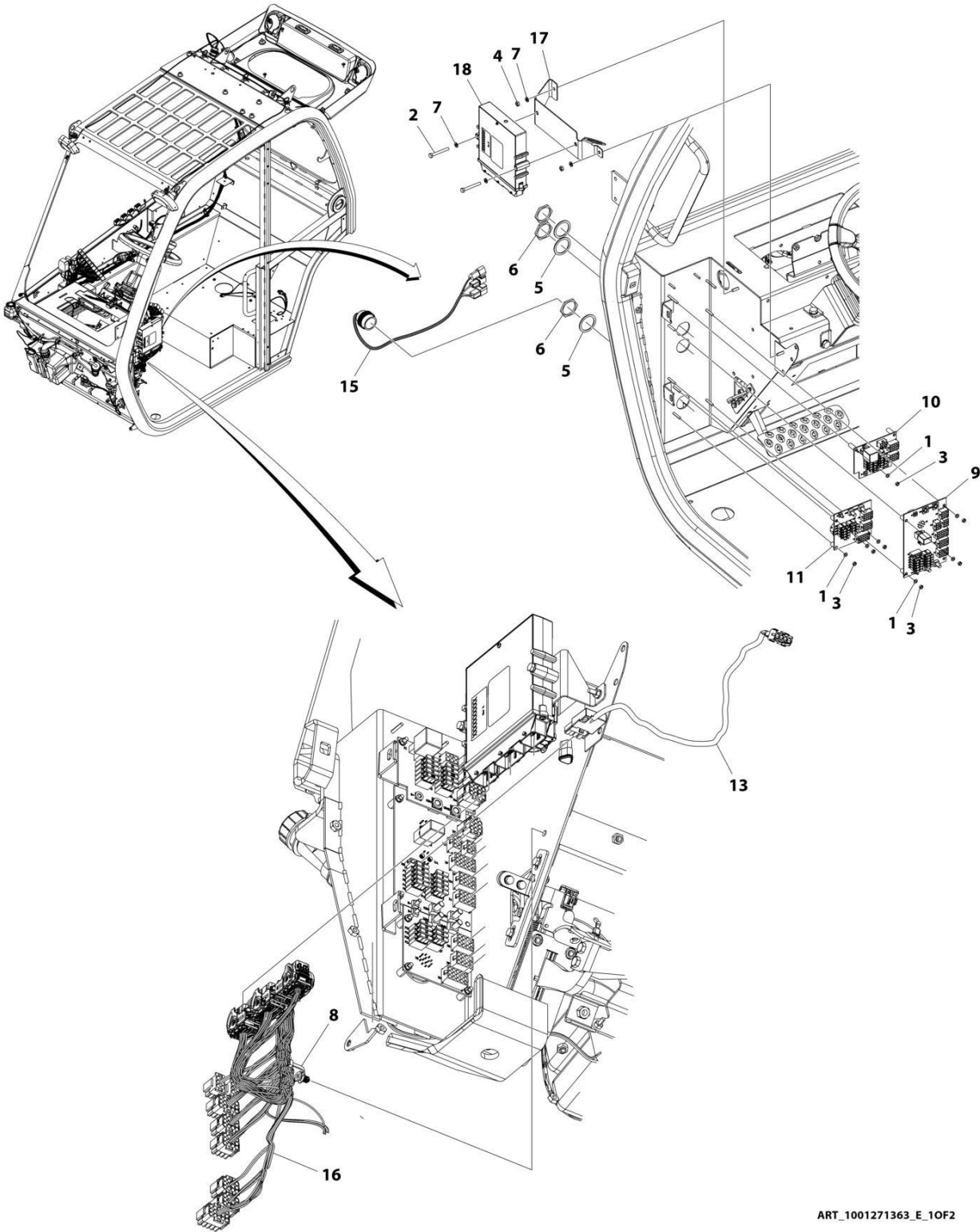
SECTION 10 - ELECTRICAL

FIGURE 10-8. 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

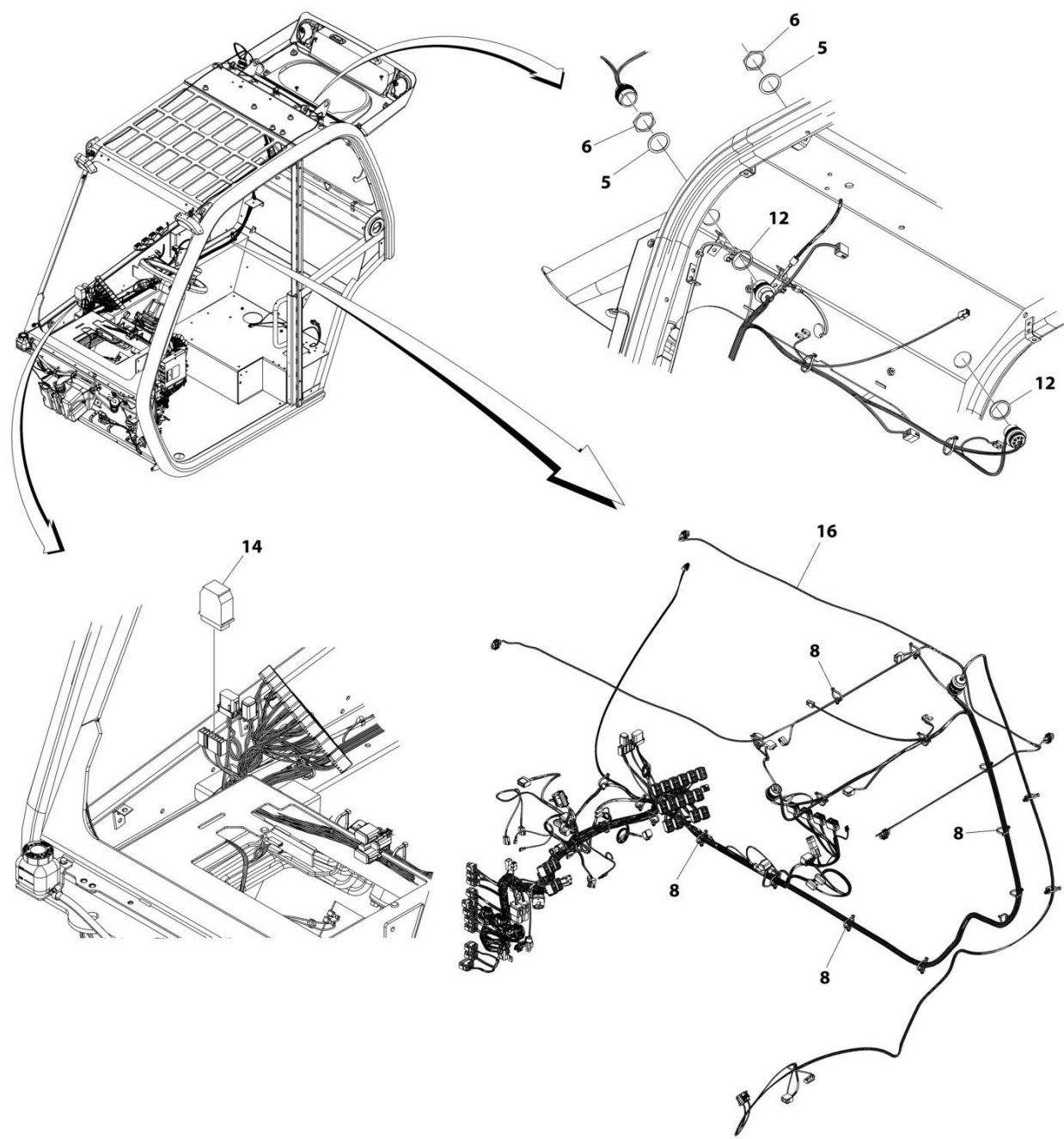
FIGURE 10-9. CAB ELECTRICAL INSTALLATION



ART_1001271363_E_10F2

SECTION 10 - ELECTRICAL

FIGURE 10-10. CAB ELECTRICAL INSTALLATION



ART_1001271363_E_20F2

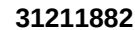
SECTION 10 - ELECTRICAL

FIGURE 10-10. 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	

718

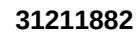
832



ART_1001285007_1OF2

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ART_1001285007_2OF2

SECTION 10 - ELECTRICAL

FIGURE 10-12. 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

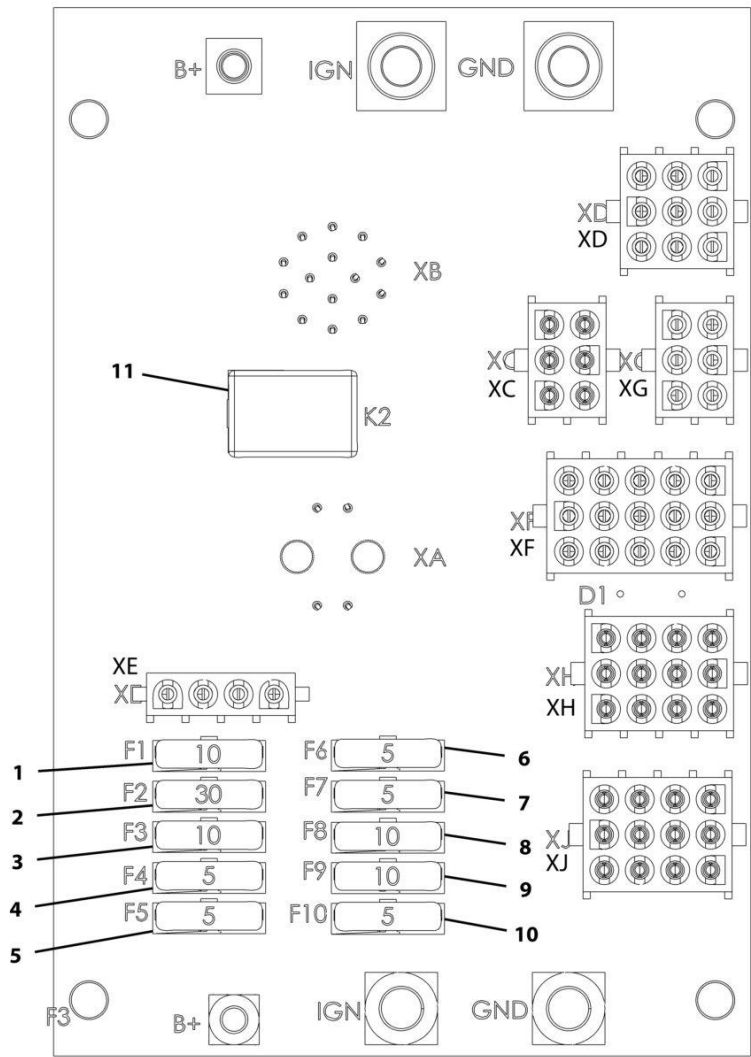
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
152	4460944	2	Terminal	
153	4460466	13	Plug, Terminal	
154	4460930	1	Connector	
155	4460465	2	Terminal	
156	4460466	6	Plug, Terminal	
157	4460894	1	Connector	
158	4460465	3	Terminal	
159	4460944	2	Terminal	
160	4460466	1	Plug, Terminal	
161	4460884	3	Connector	
162	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 10-13. CAB STANDARD ELECTRICAL BOARD ASSEMBLY



ART_1001161769-C

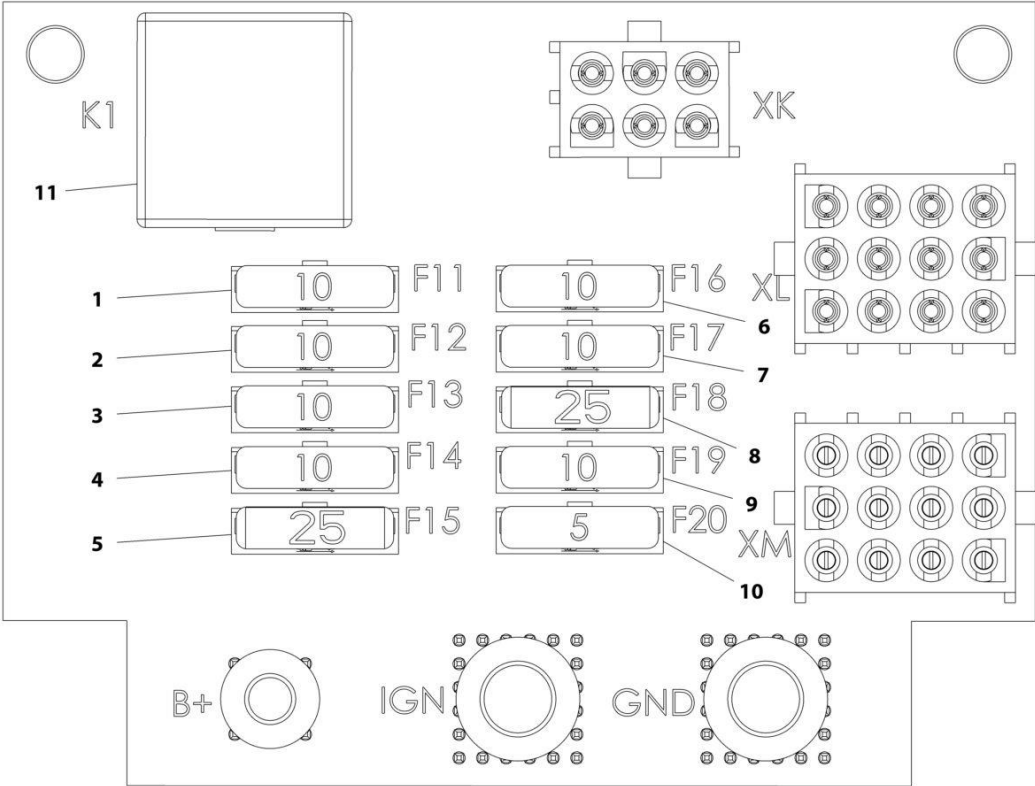
SECTION 10 - ELECTRICAL

FIGURE 10-13. 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 10-14. CAB OPTION 1 ELECTRICAL BOARD ASSEMBLY



ART_1001161770-C

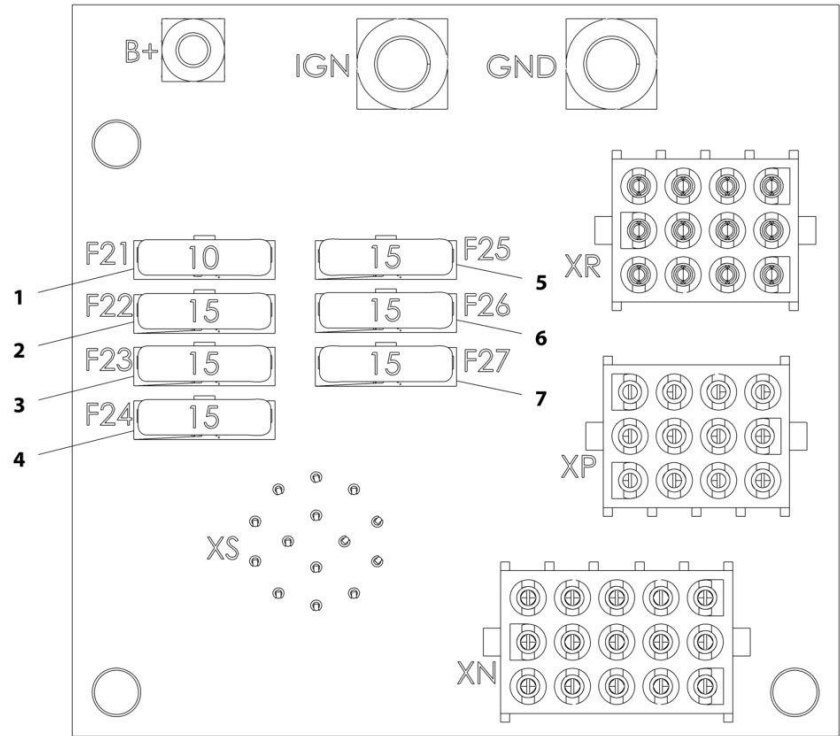
SECTION 10 - ELECTRICAL

FIGURE 10-14. 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 10-15. CAB OPTION 2 ELECTRICAL BOARD ASSEMBLY



ART_1001161771-B

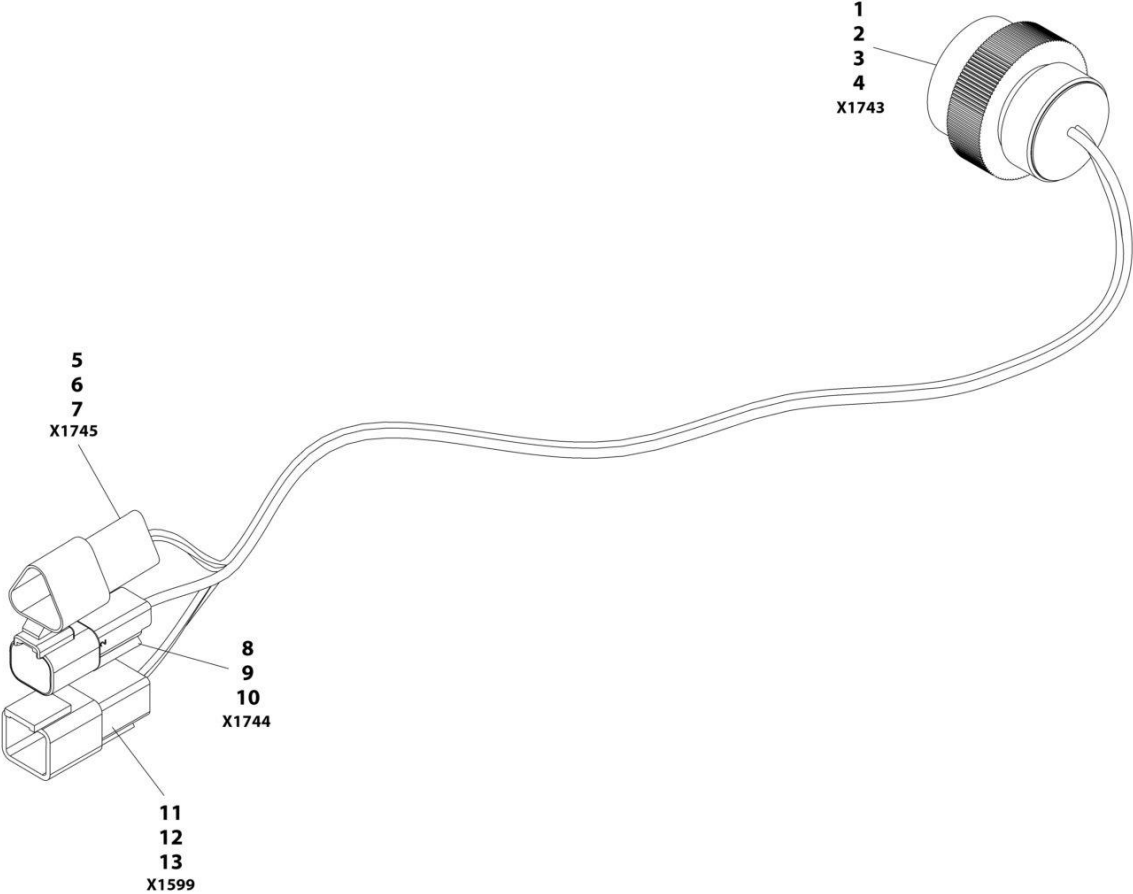
SECTION 10 - ELECTRICAL

FIGURE 10-15. 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 10-16. CAB OPTION HARNESS



ART_1001265358

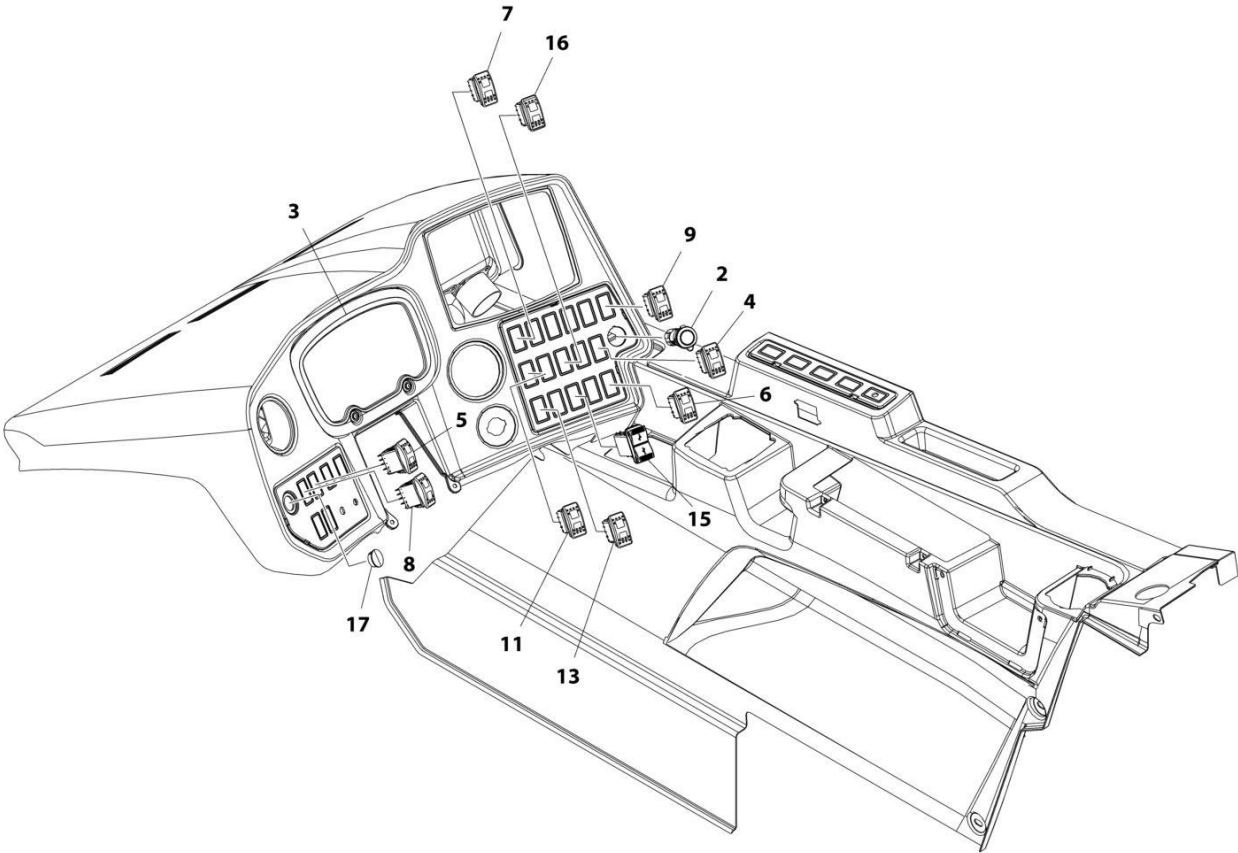
SECTION 10 - ELECTRICAL

FIGURE 10-16. 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 10-17. DASH ELECTRICS INSTALLATION (ULS)



ART_1001185809_F

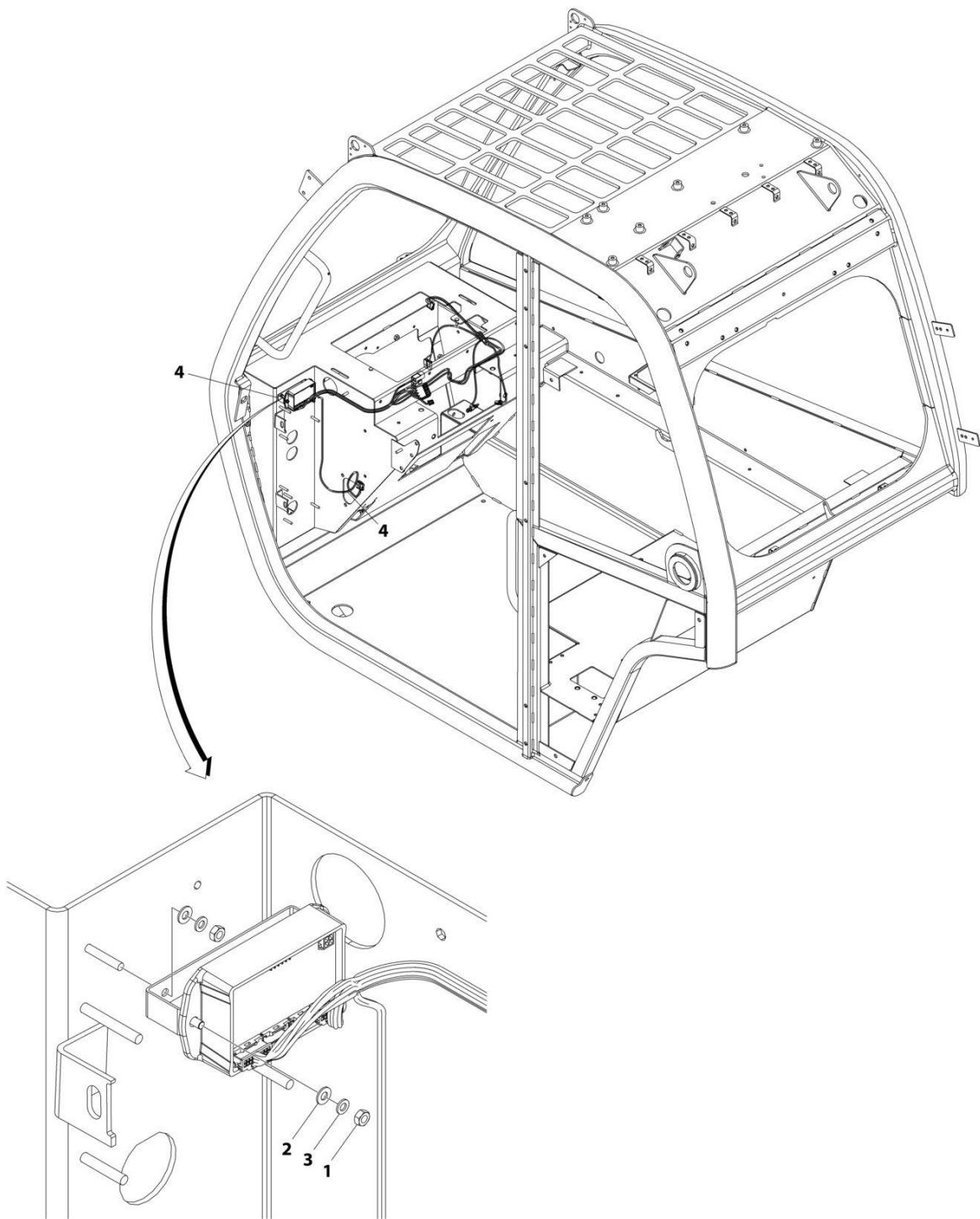
SECTION 10 - ELECTRICAL

FIGURE 10-17. DASH ELECTRICS INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185809	Ref	Dash Electrics Installation (ULS)	F
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	

SECTION 10 - ELECTRICAL

FIGURE 10-18. CAB HEATER HARNESS INSTALLATION



ART_1001201340_E

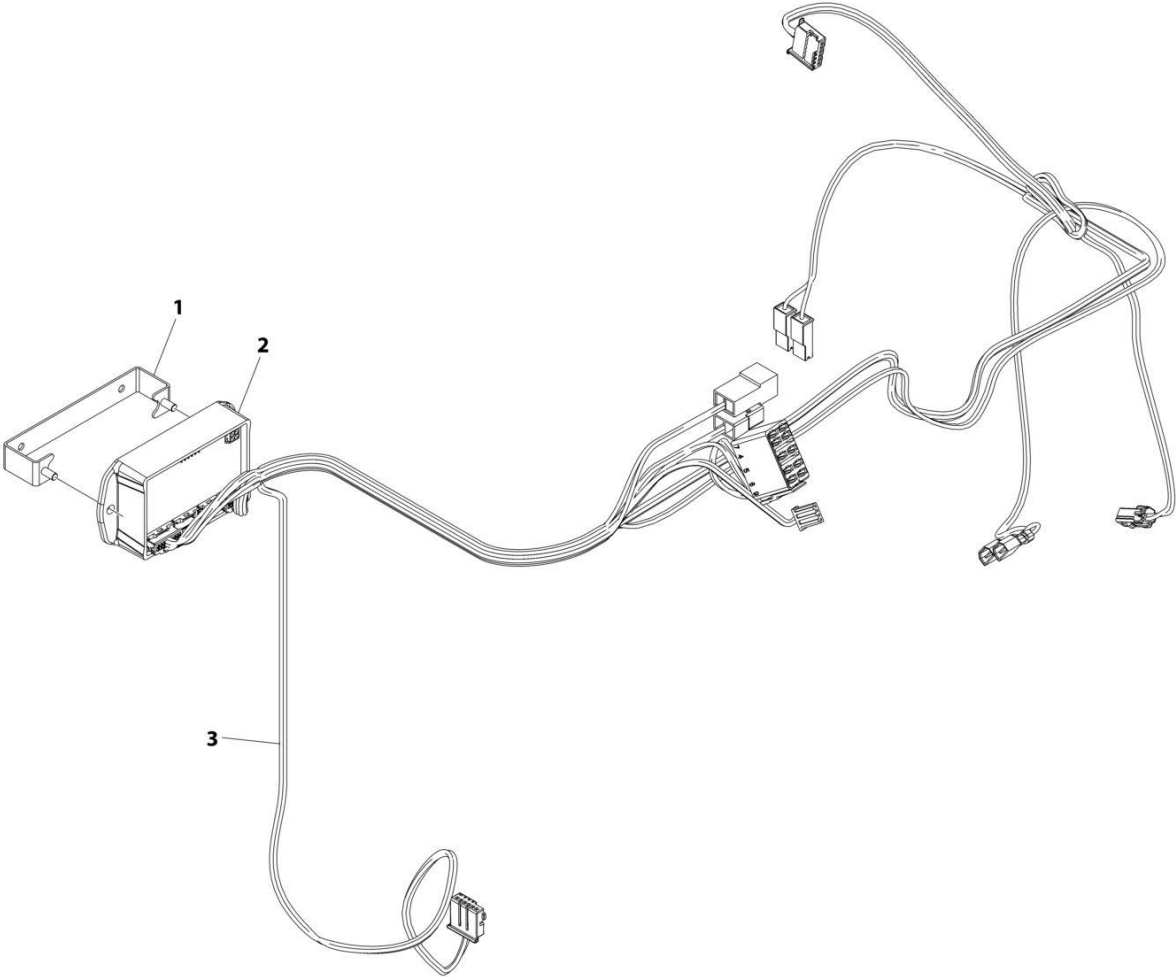
SECTION 10 - ELECTRICAL

FIGURE 10-18. 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 10-19. CAB HEATER HARNESS



ART_1001271803

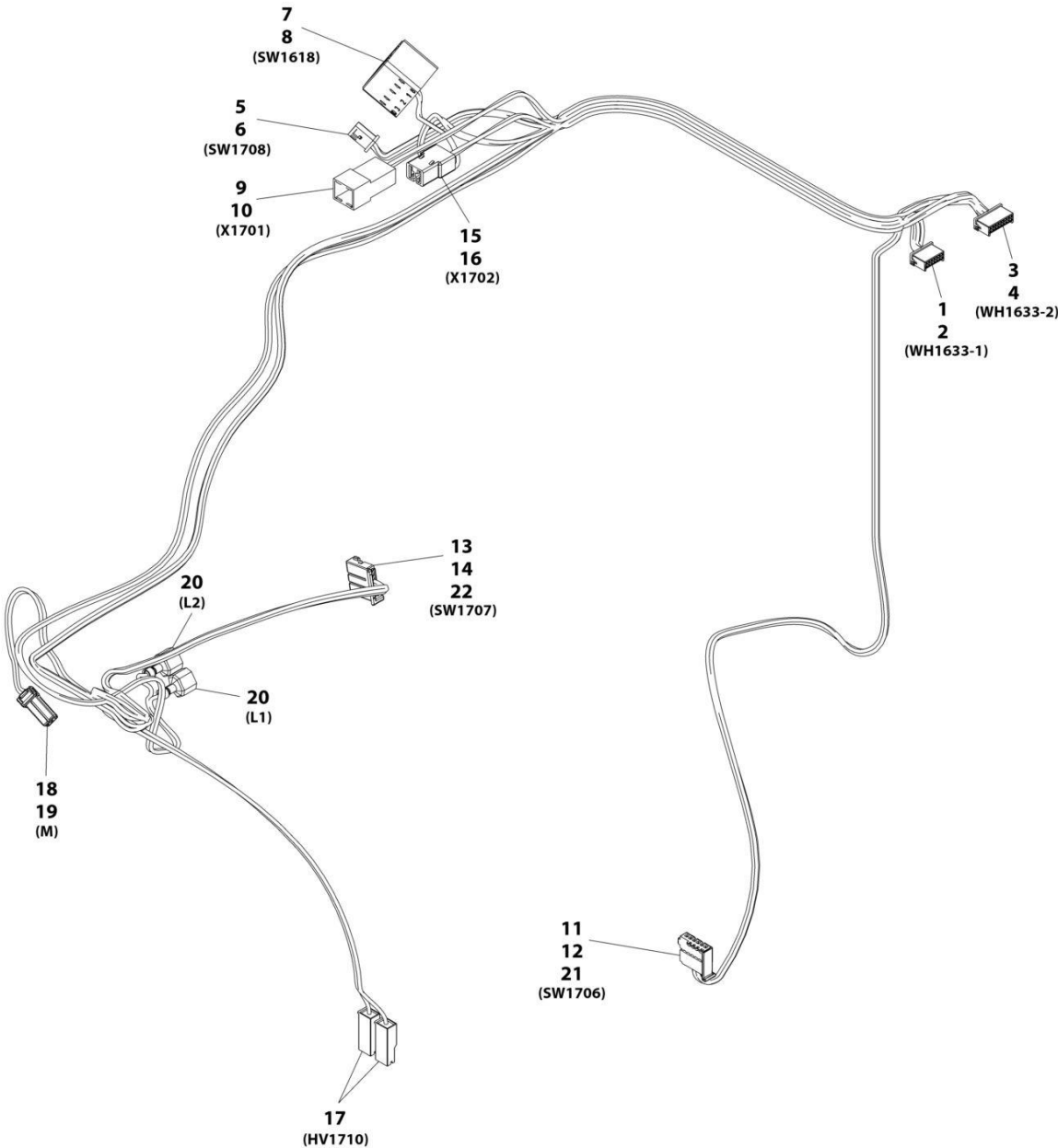
SECTION 10 - ELECTRICAL

FIGURE 10-19. 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 10-20. CAB HVAC ACTUATOR HARNESS



ART_1001268830

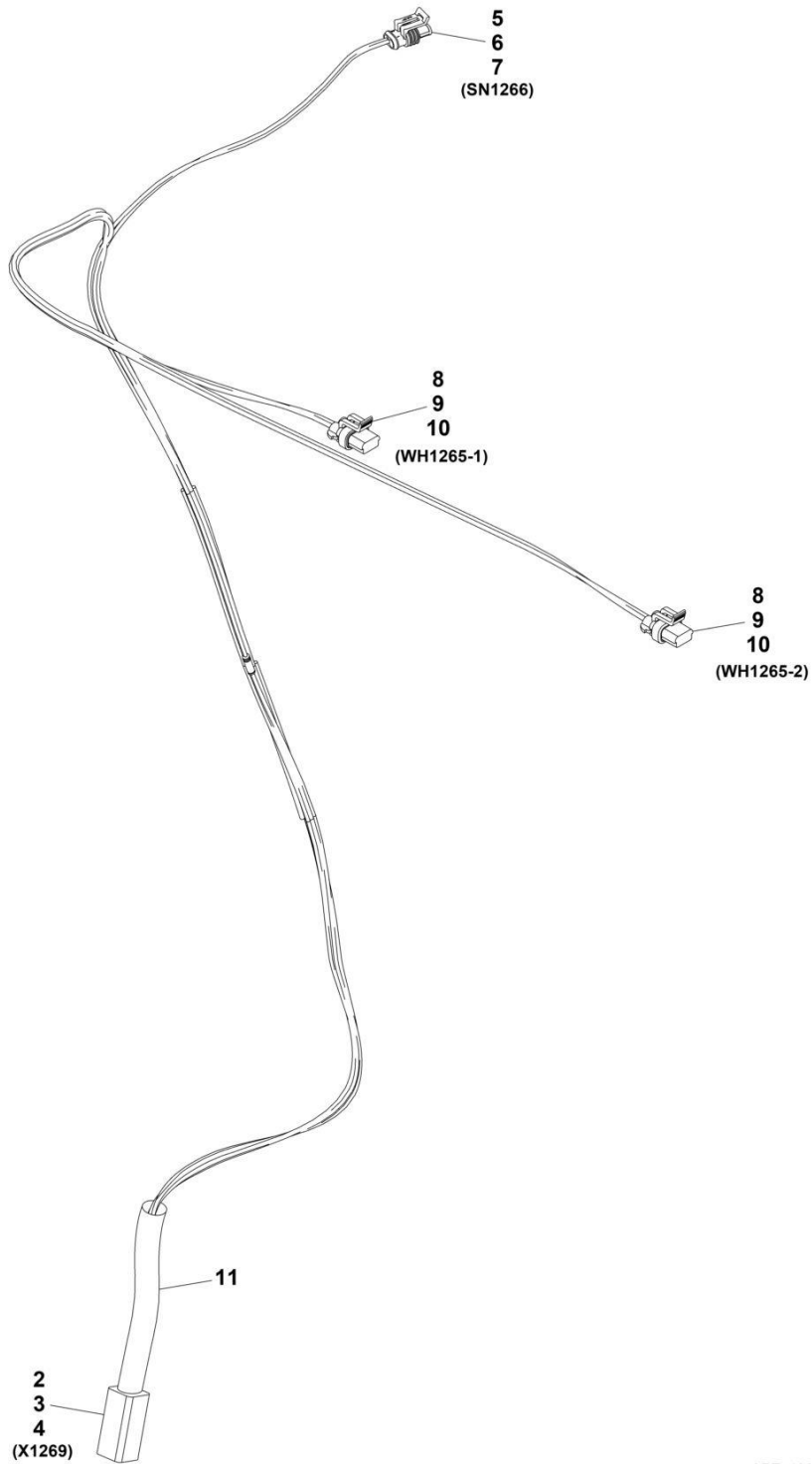
SECTION 10 - ELECTRICAL

FIGURE 10-20. 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 10-21. CAB HVAC ACTUATOR HARNESS



ART_1001169151

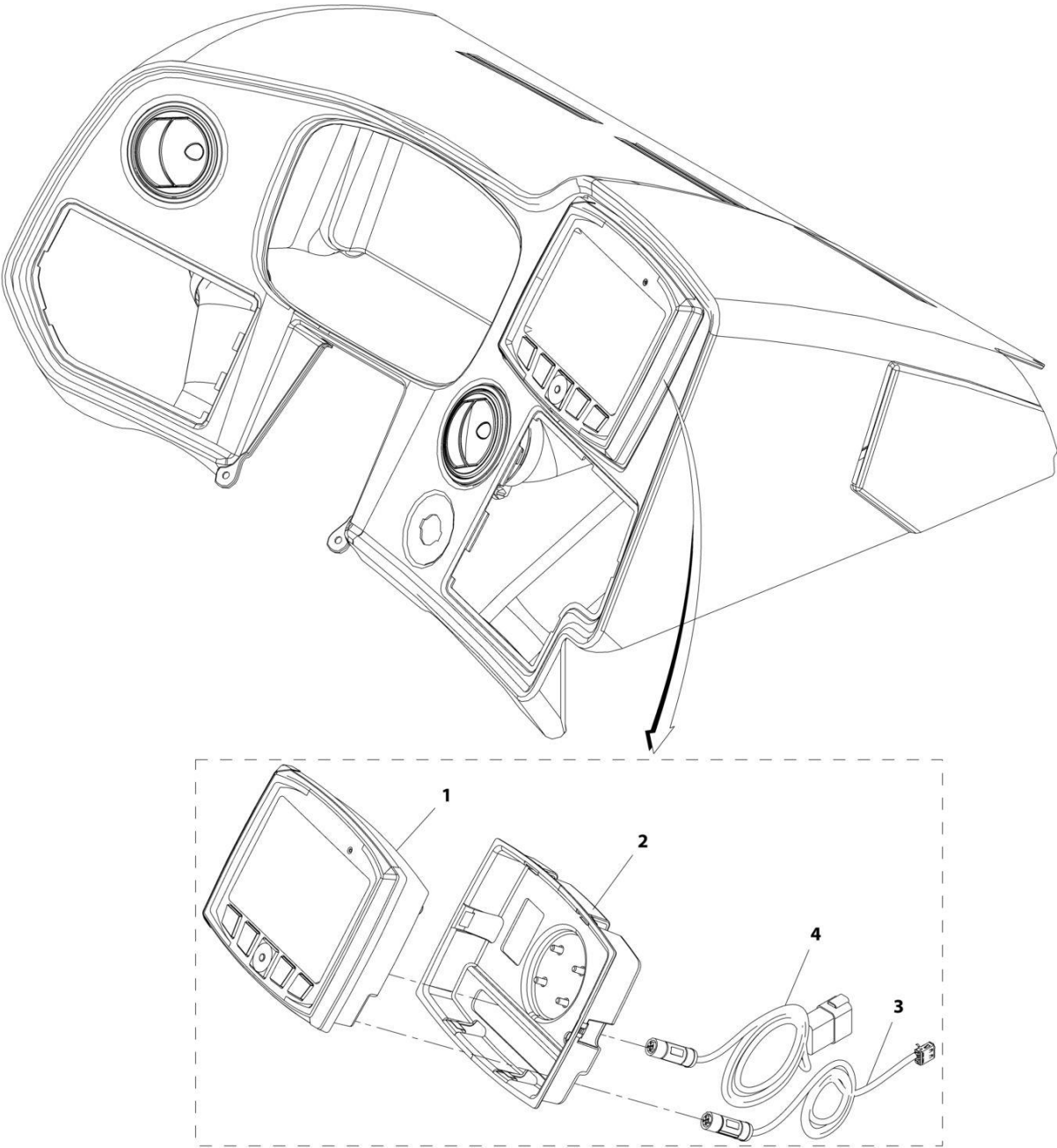
SECTION 10 - ELECTRICAL

FIGURE 10-21. 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 10-22. CAB - MULTIFUNCTION DISPLAY INSTALLATION



ART_1001176338-B

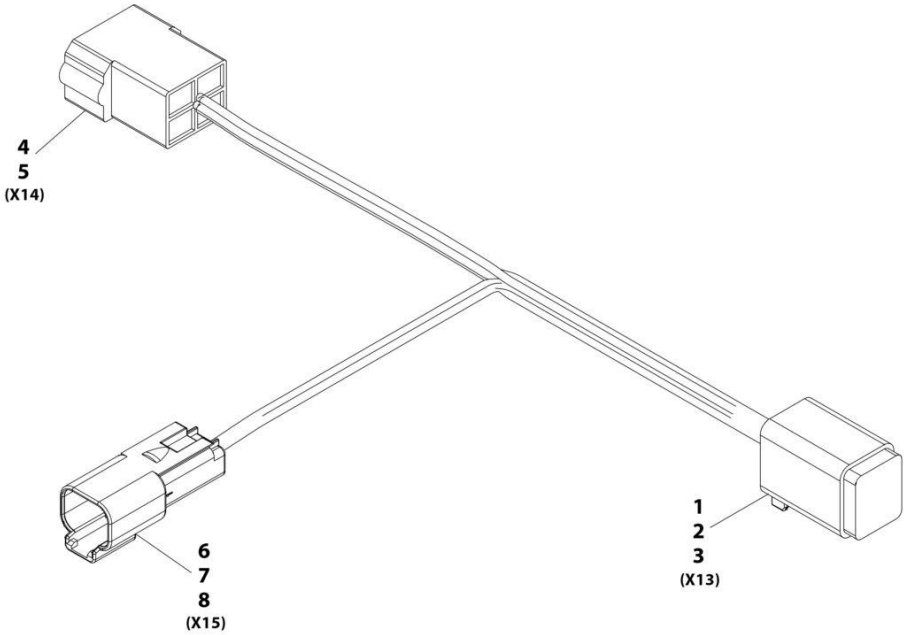
SECTION 10 - ELECTRICAL

FIGURE 10-22. 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 10-23. CAB SEAT ADAPTOR HARNESS (PREMIUM SEAT)



ART_1001168531-A

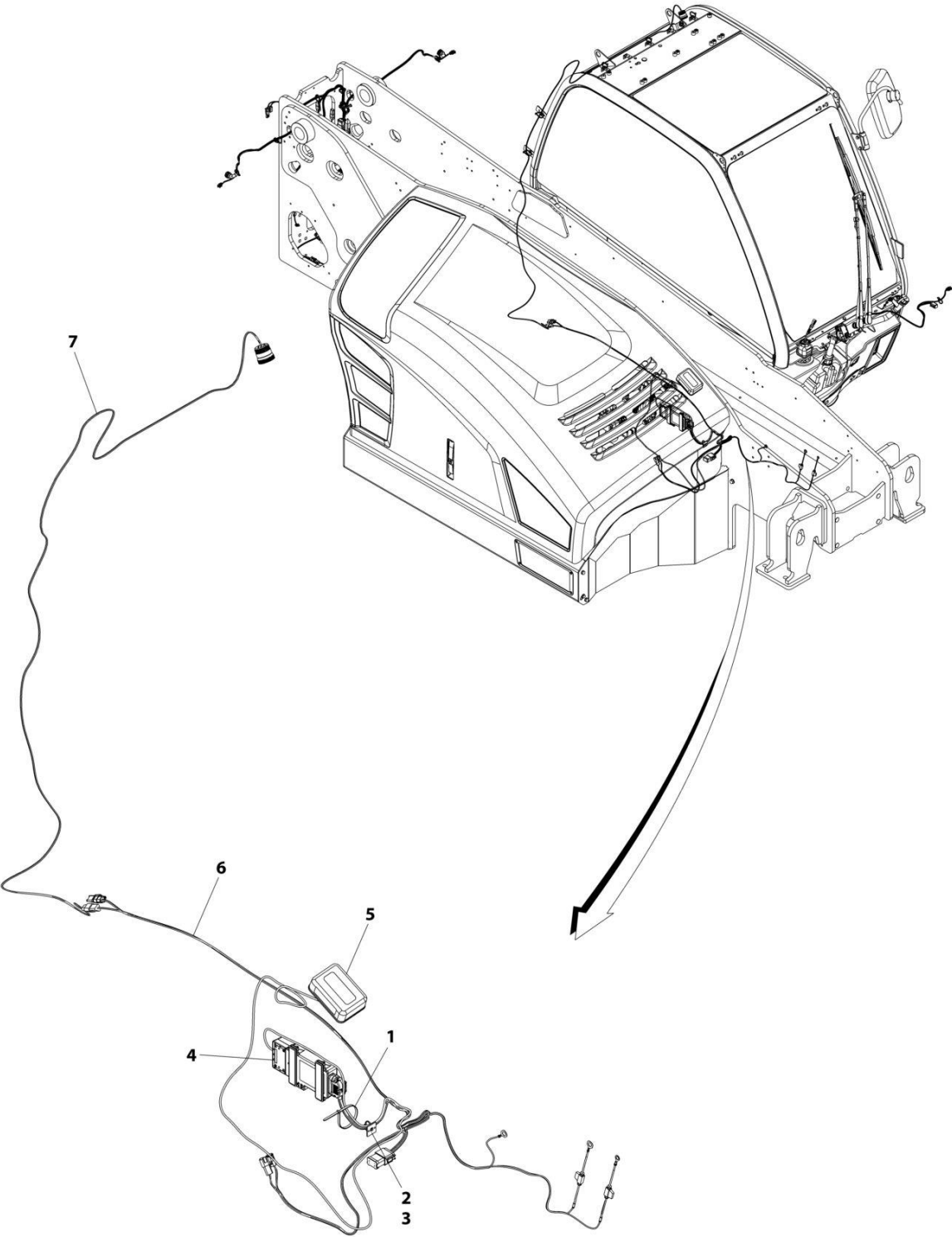
SECTION 10 - ELECTRICAL

FIGURE 10-23. 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 10-24. CLEARSKY 4G CANBUS INSTALLATION



ART_1001268384

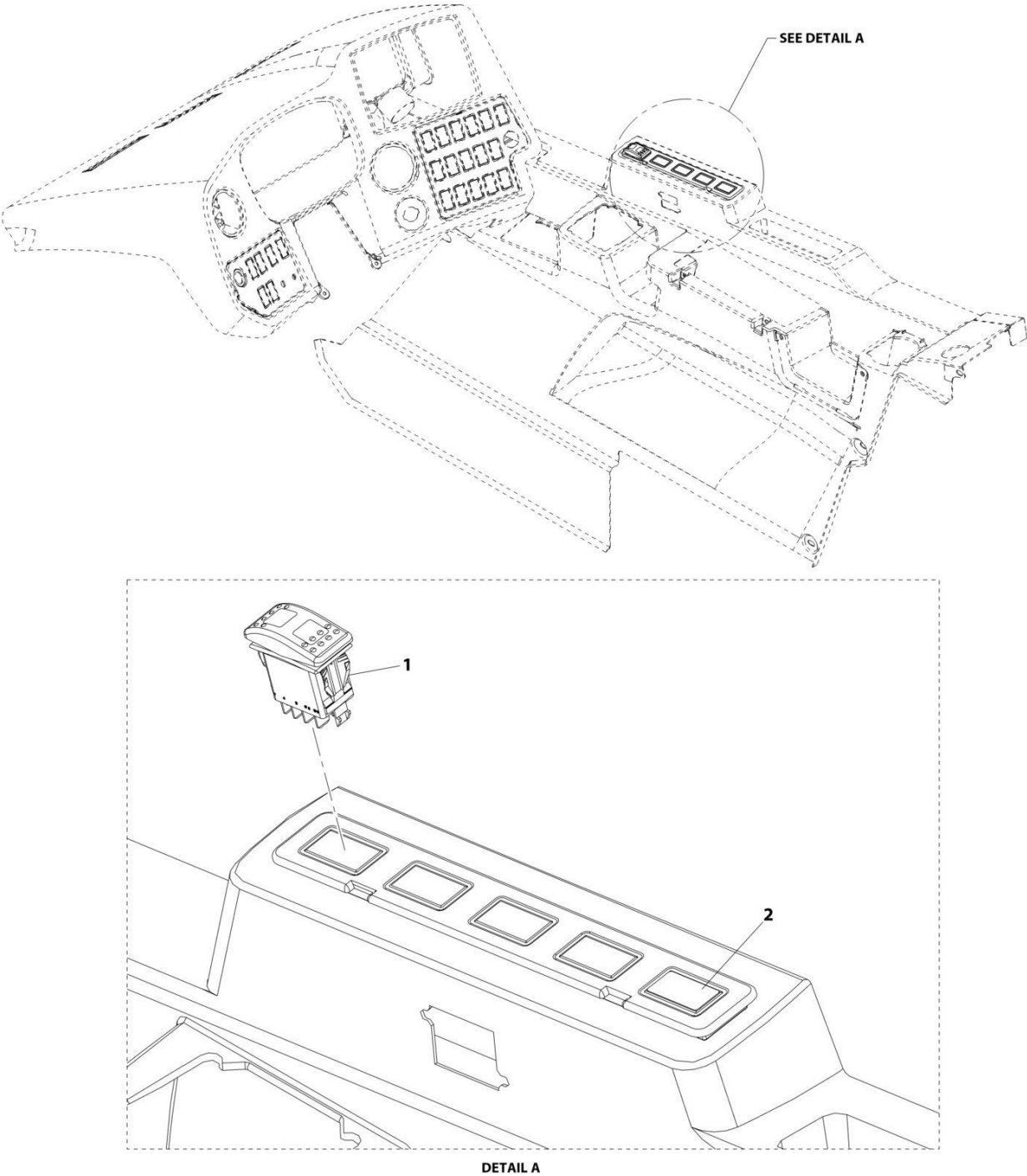
SECTION 10 - ELECTRICAL

FIGURE 10-24. CLEARSKY 4G CANBUS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268384	Ref	CLEARSKY 4G CANBUS INSTALLATION	B
1	1062255	AR	Tie-Strap	
2	4240032	AR	Tie-Strap	
3	4460234	AR	Terminal Mount	
4	1001262322	1	Module, ClearSky Telematics Canbus	
5	1001262326	1	Antenna	
6	1001268553	1	Harness, 4Ward Telematics Clearsky Can (See Separate Breakdown in this Section)	
7	1001254185	1	Harness, Adapter (See Separate Breakdown in this Section)	

SECTION 10 - ELECTRICAL

FIGURE 10-25. DECLUTCH SWITCH INSTALLATION



ART_1001202430-B

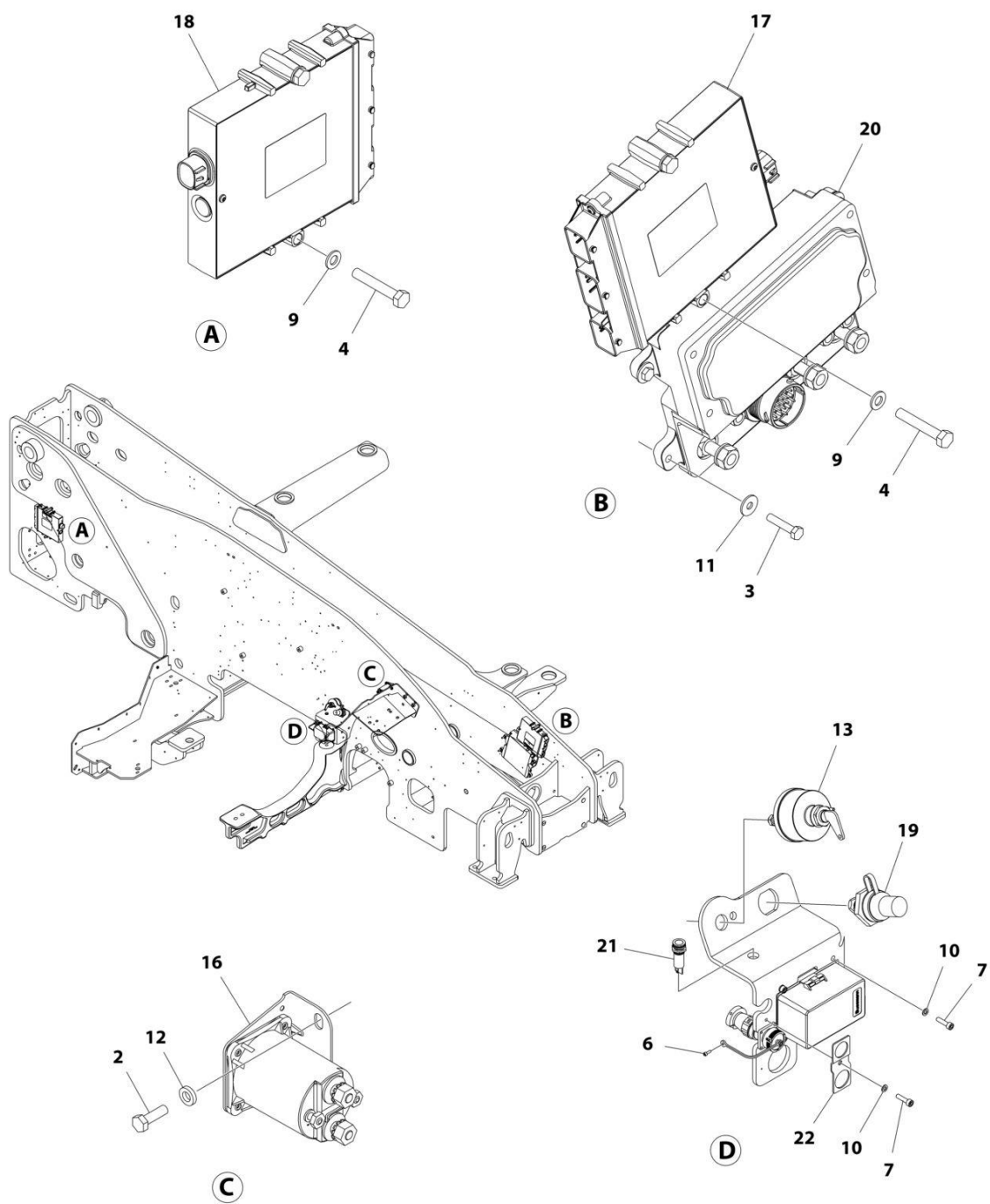
SECTION 10 - ELECTRICAL

FIGURE 10-25. 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 10-26. ELECTRICAL COMPONENTS INSTALLATION



ART_1001183838_E

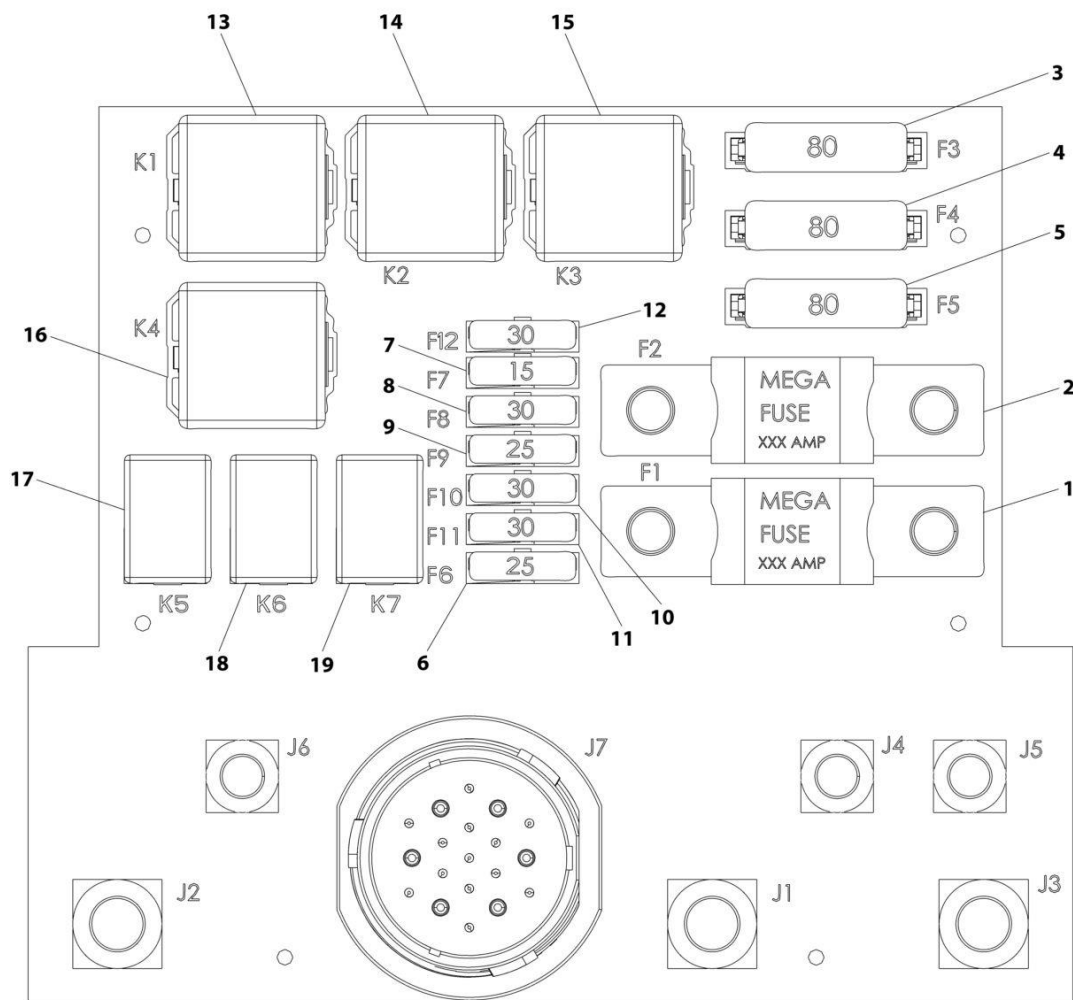
SECTION 10 - ELECTRICAL

FIGURE 10-26. 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 10-27. ELECTRICAL POWER DISTRIBUTION ELECTRICAL BOX



ART_1001164402-G

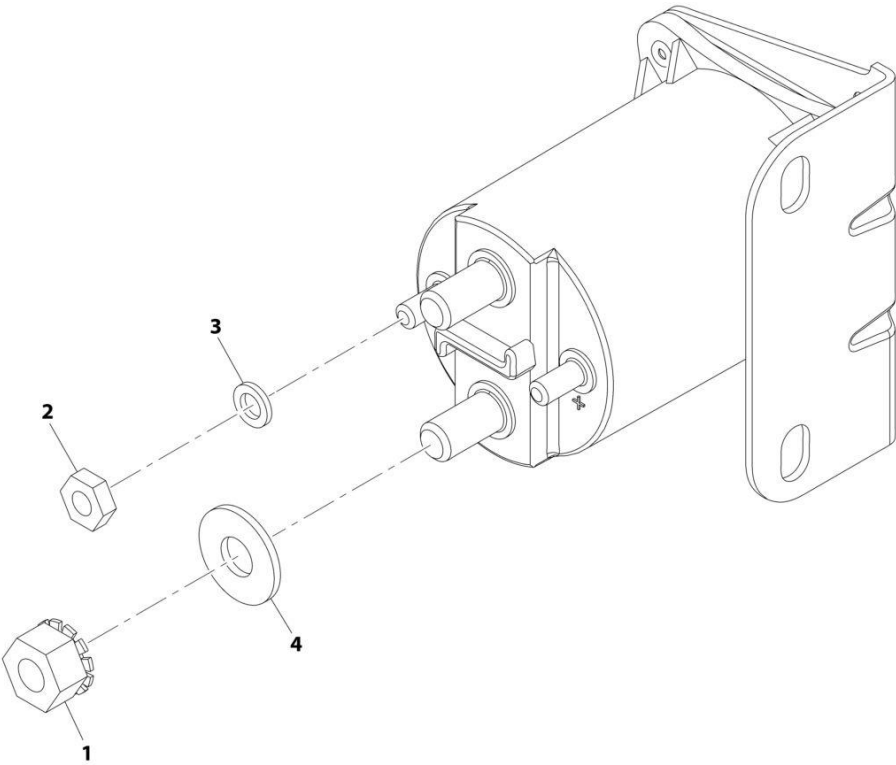
SECTION 10 - ELECTRICAL

FIGURE 10-27. 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 10-28. ELECTRICAL RELAY INSTALLATION - 200 AMP



ART_1001117308-C

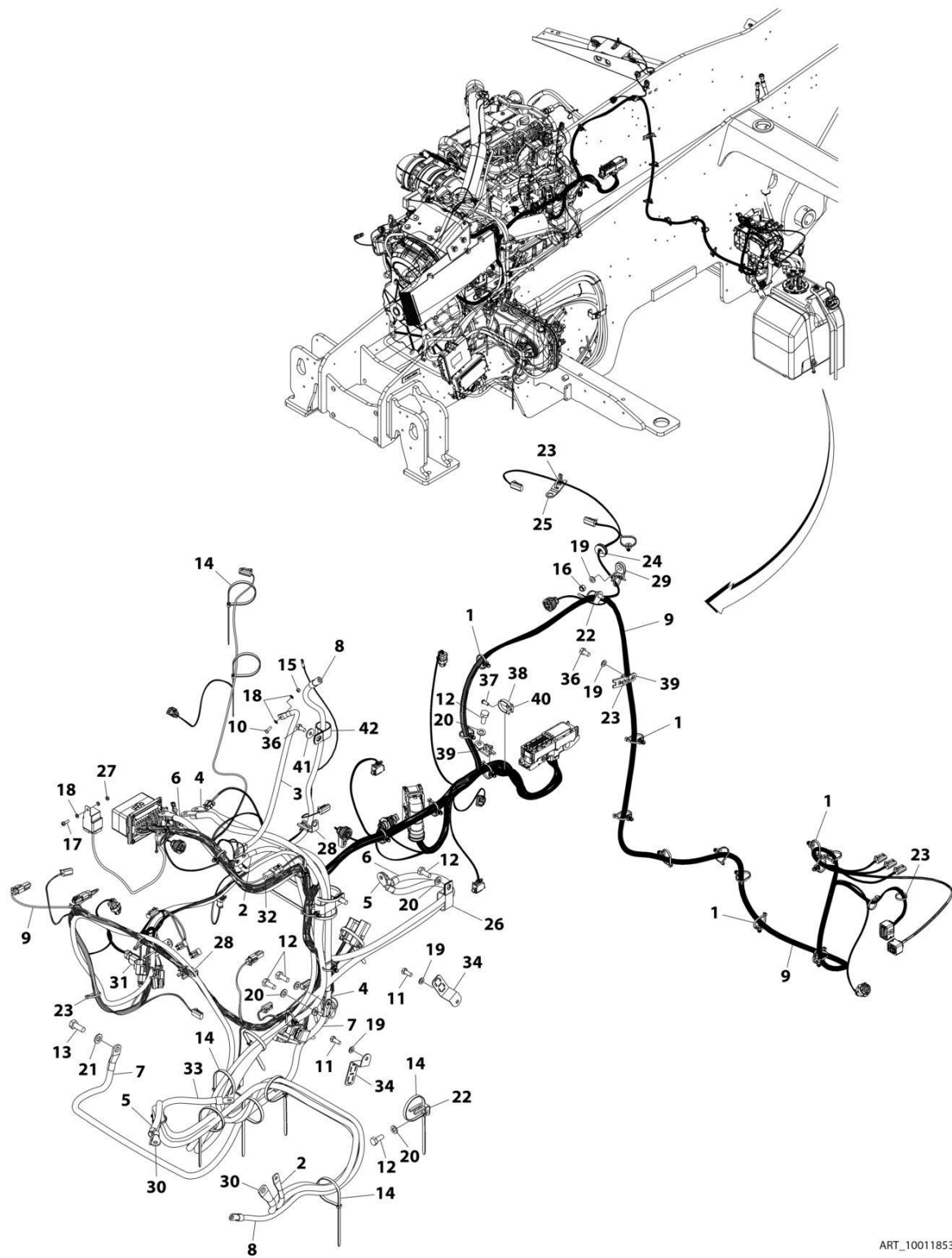
SECTION 10 - ELECTRICAL

FIGURE 10-28. 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 10-29. ENGINE WIRING INSTALLATION (ULS)



ART_1001185375_G

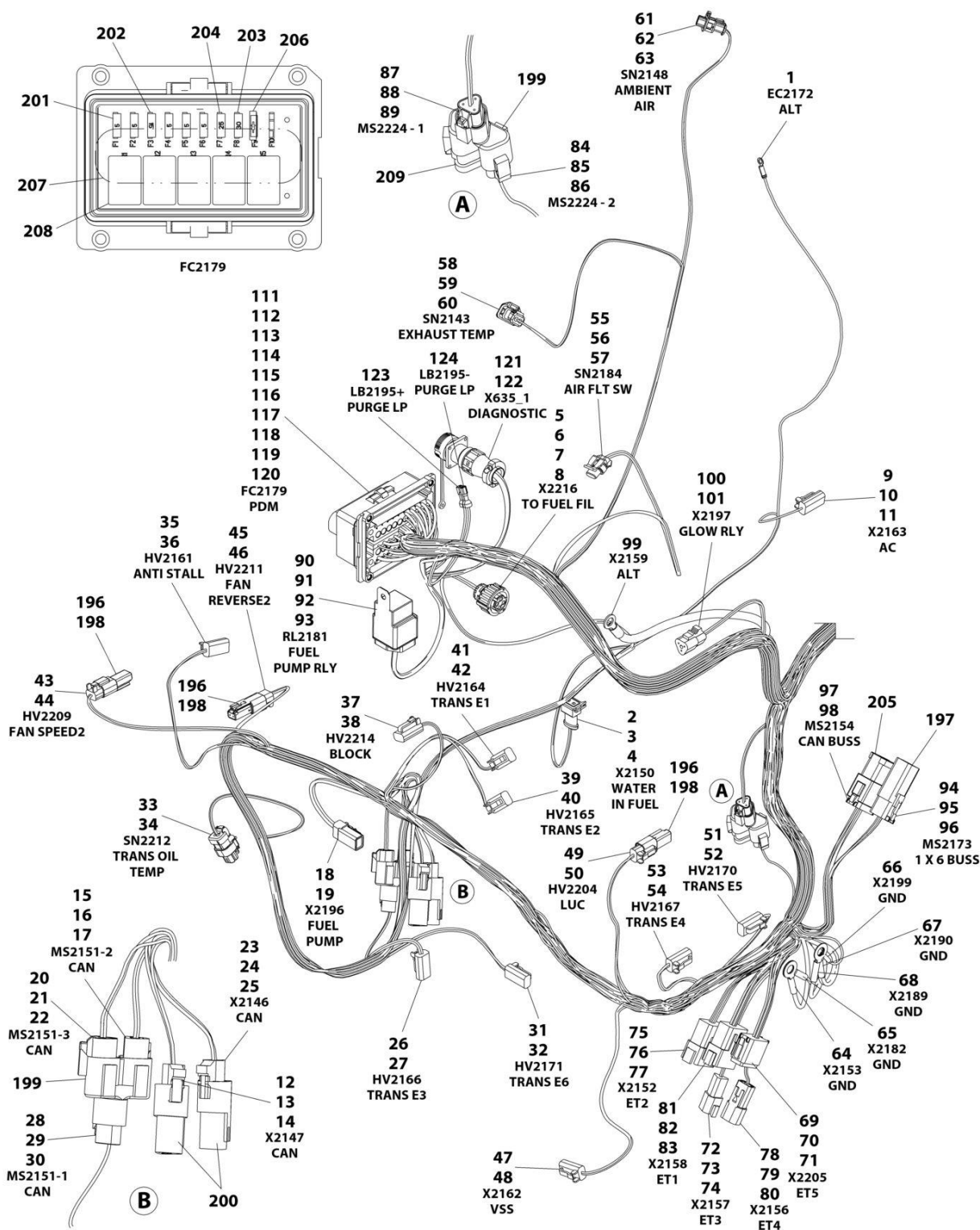
SECTION 10 - ELECTRICAL

FIGURE 10-29. 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	

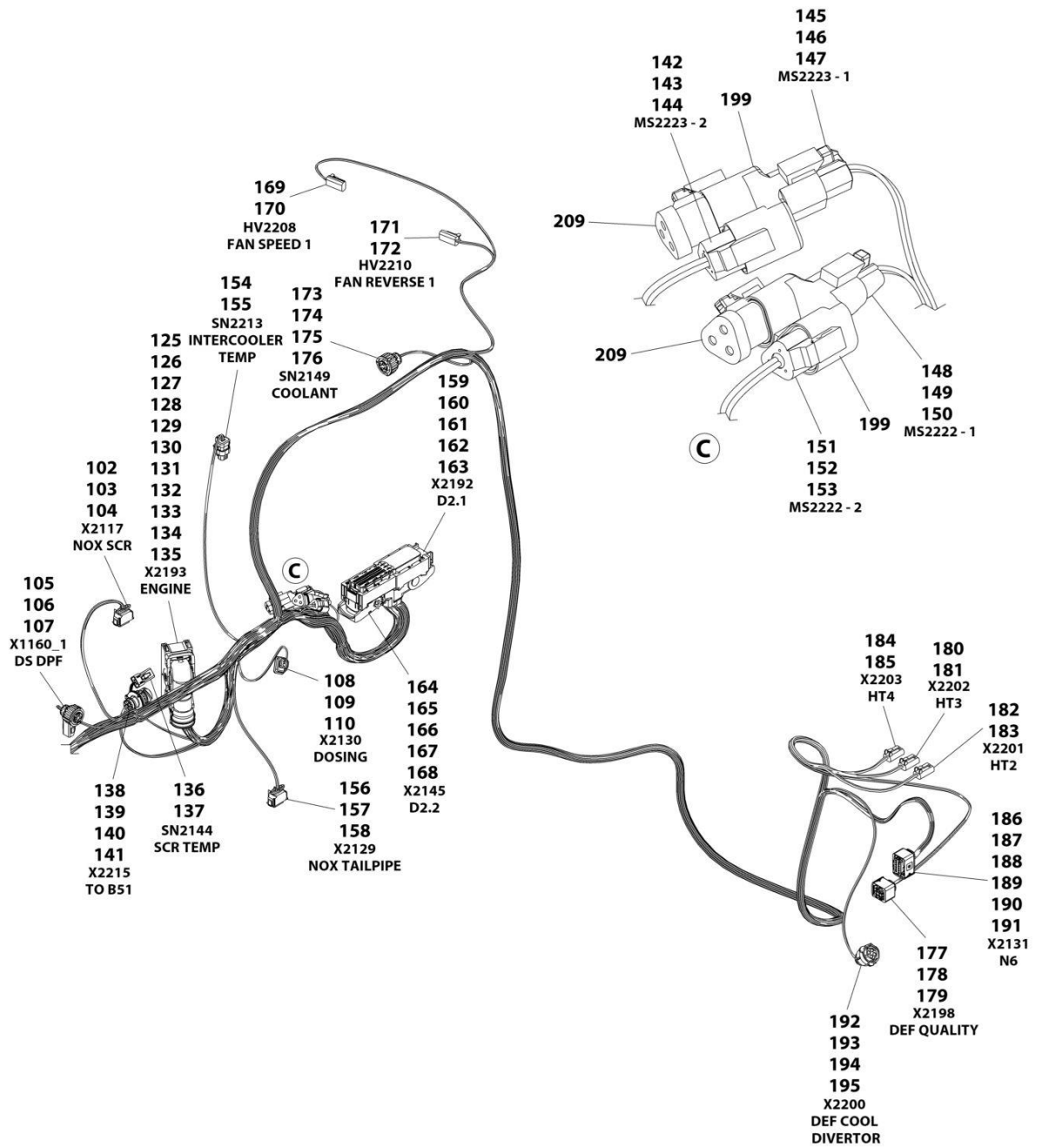
SECTION 10 - ELECTRICAL

FIGURE 10-30. ENGINE HARNESS (ULS)



ART_1001256834_B_10F2

SECTION 10 - ELECTRICAL



ART_1001256834_B_2OF2

SECTION 10 - ELECTRICAL

FIGURE 10-30. 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

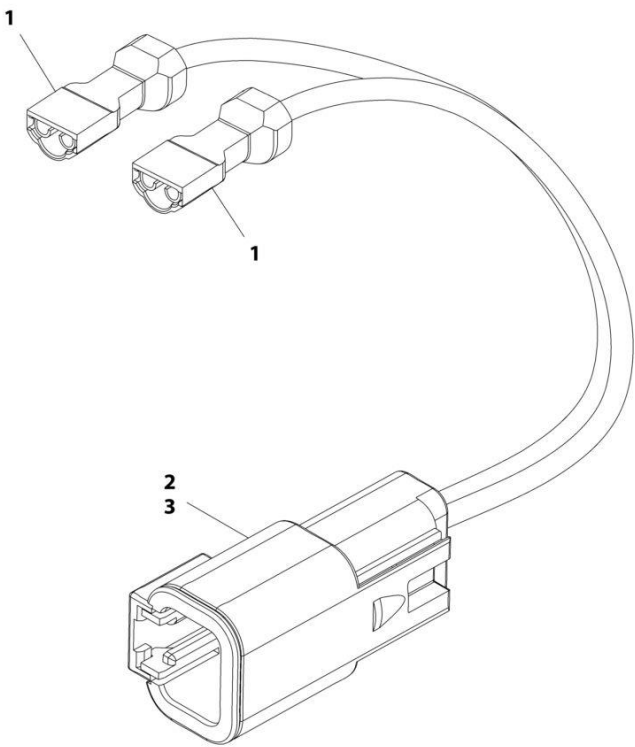
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
152	4460944	2	Terminal	
153	4460466	1	Plug	
154	1001116950	1	Connector	
155	4460465	2	Terminal	
156	1001167629	1	Connector	
157	1001167630	4	Terminal	
158	1001126485	4	Seal	
159	1001167625	1	Connector	
160	1001166555	13	Terminal	
161	1001167621	50	Terminal	
162	1001167623	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 10-31. ENGINE FUEL PUMP HARNESS



ART_1001182929-E

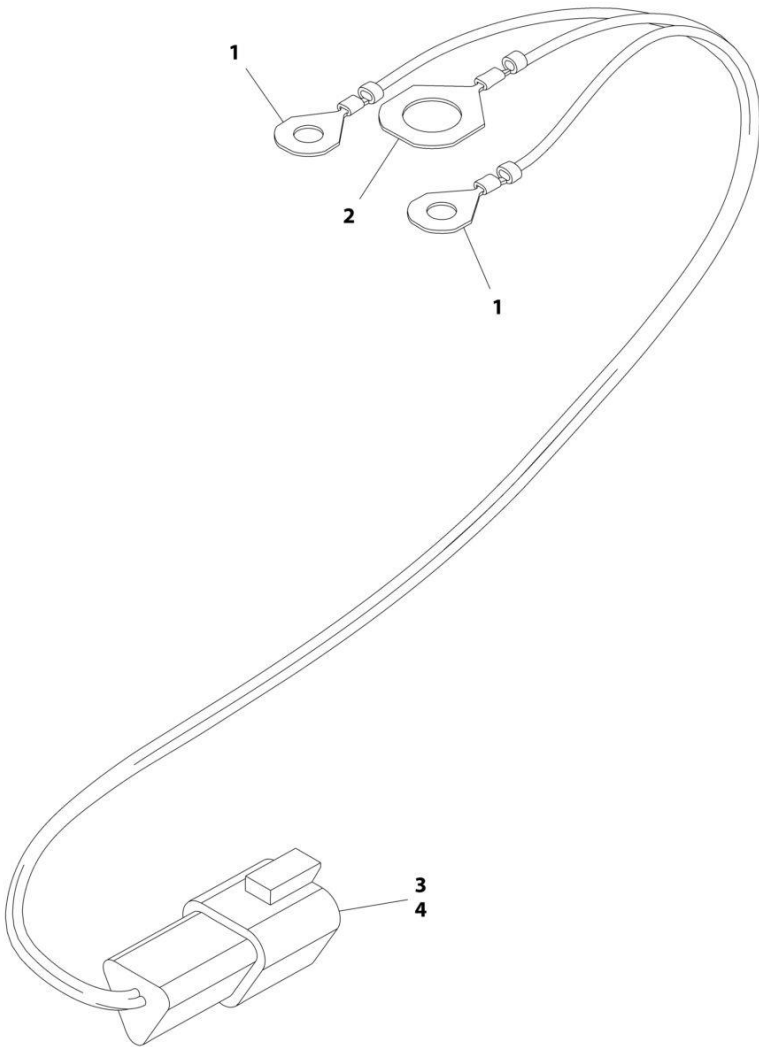
SECTION 10 - ELECTRICAL

FIGURE 10-31. 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 10-32. ENGINE GLOW PLUG RELAY HARNESS



ART_1001182930-C

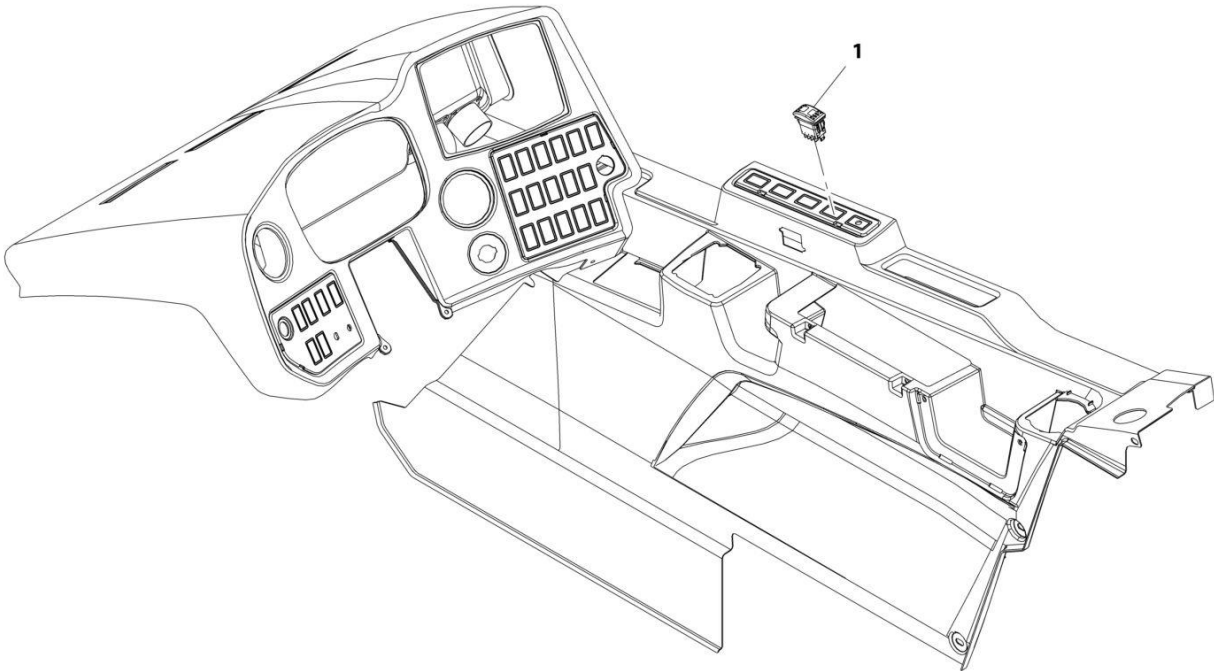
SECTION 10 - ELECTRICAL

FIGURE 10-32. 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 10-33. ENGINE SPEED SET SWITCH INSTALLATION



ART_1001197639-B

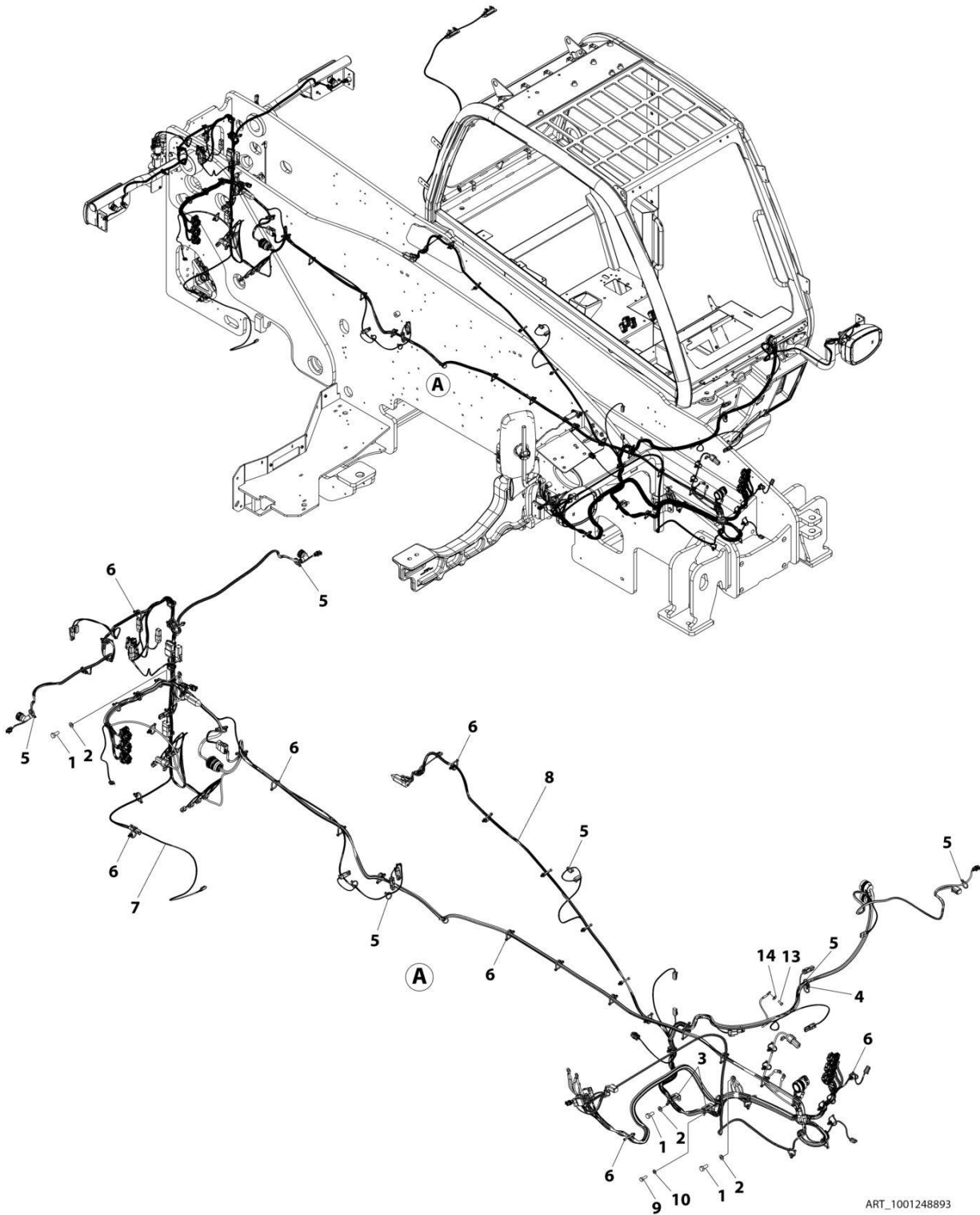
SECTION 10 - ELECTRICAL

FIGURE 10-33. 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 10-34. FRAME MAIN ELECTRICAL INSTALLATION



ART_1001248893

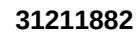
SECTION 10 - ELECTRICAL

FIGURE 10-34. 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	

776

832



ART_1001248891-B

SECTION 10 - ELECTRICAL

FIGURE 10-35. FRAME HARNESS - FRONT

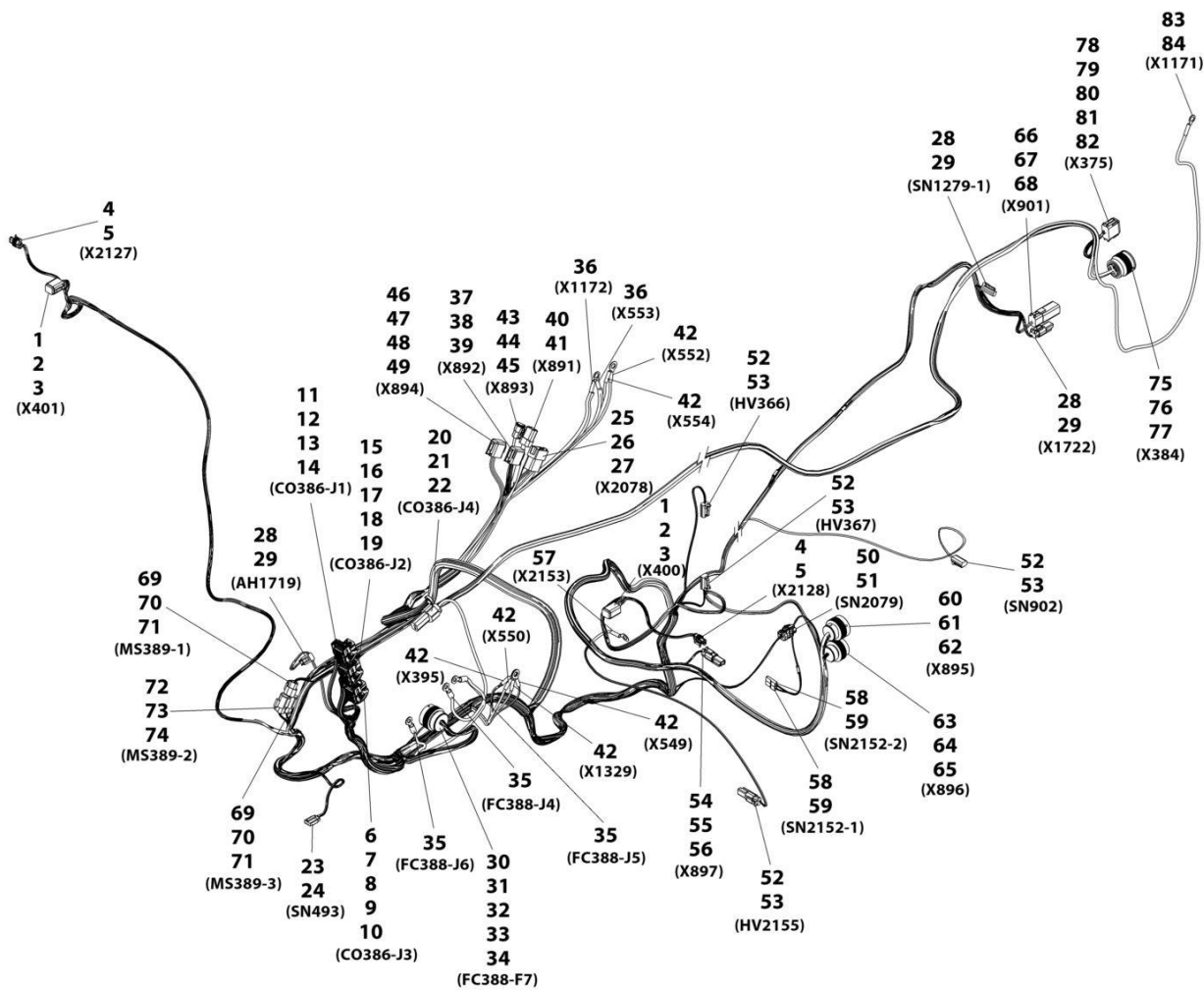
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248891	Ref	Rear Frame Harness	B
1	1001161958	1	Connector	
2	1001161095	11	Terminal	
3	1001161100	13	Terminal	
4	1001161101	4	Terminal	
5	1001161099	4	Terminal	
6	1001161964	1	Connector	
7	1001161095	29	Terminal	
8	1001161100	11	Plug	
9	1001161099	7	Terminal	
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 10-36. FRAME HARNESS - REAR



ART_1001248892-B

SECTION 10 - ELECTRICAL

FIGURE 10-36. FRAME HARNESS - REAR

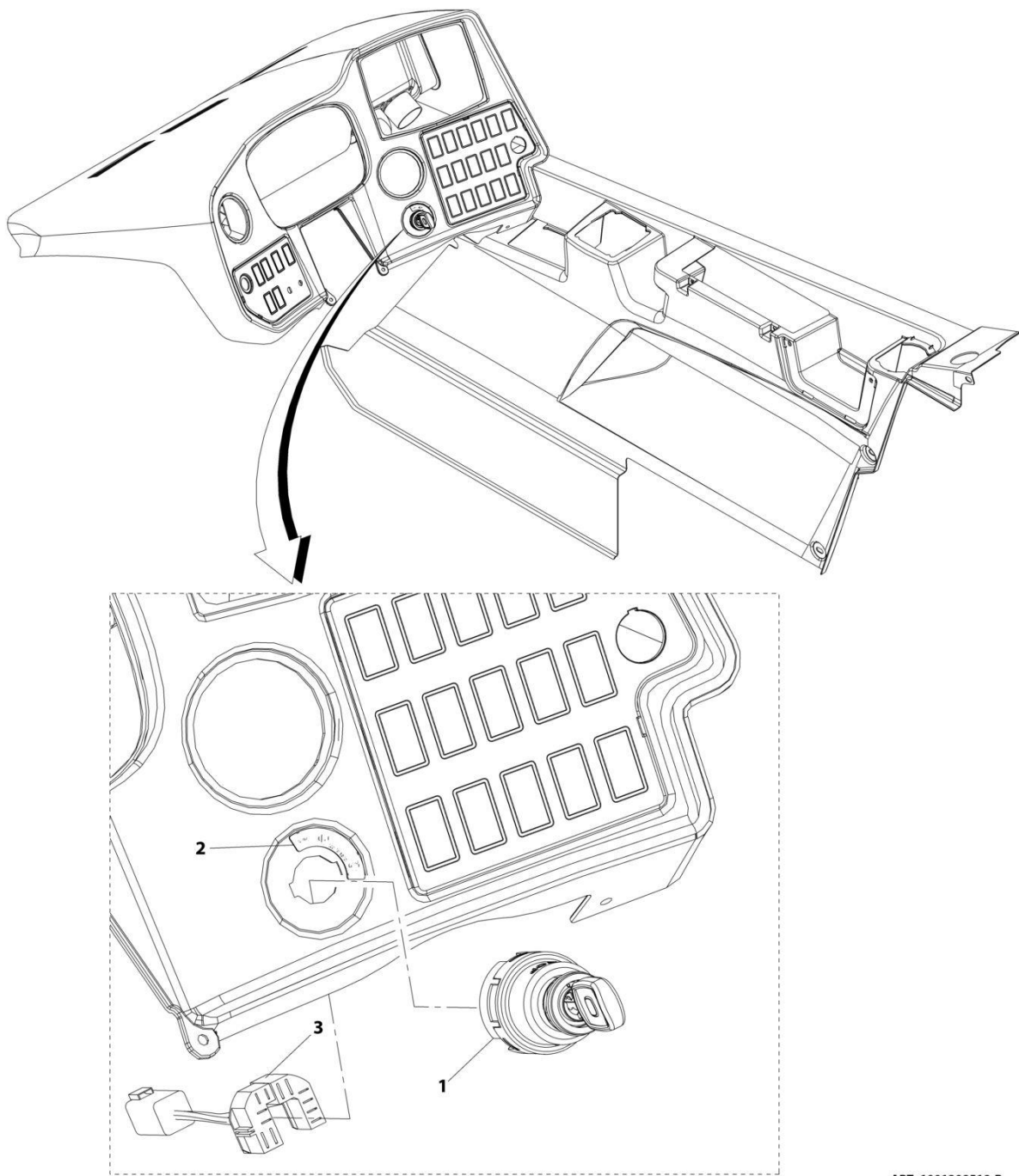
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248892	Ref	Front Frame Harness	B
1	4460894	1	Connector	
2	4460942	5	Terminal	
3	4460466	1	Plug	
4	4461118	1	Connector	
5	1001107854	3	Terminal	
6	1001160500	1	Connector	
7	1001161100	13	Plug	
8	1001161095	11	Terminal	
9	1001161101	1	Plug	
10	1001161099	7	Terminal	
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 10-37. IGNITION SWITCH INSTALLATION



ART_1001208518-B

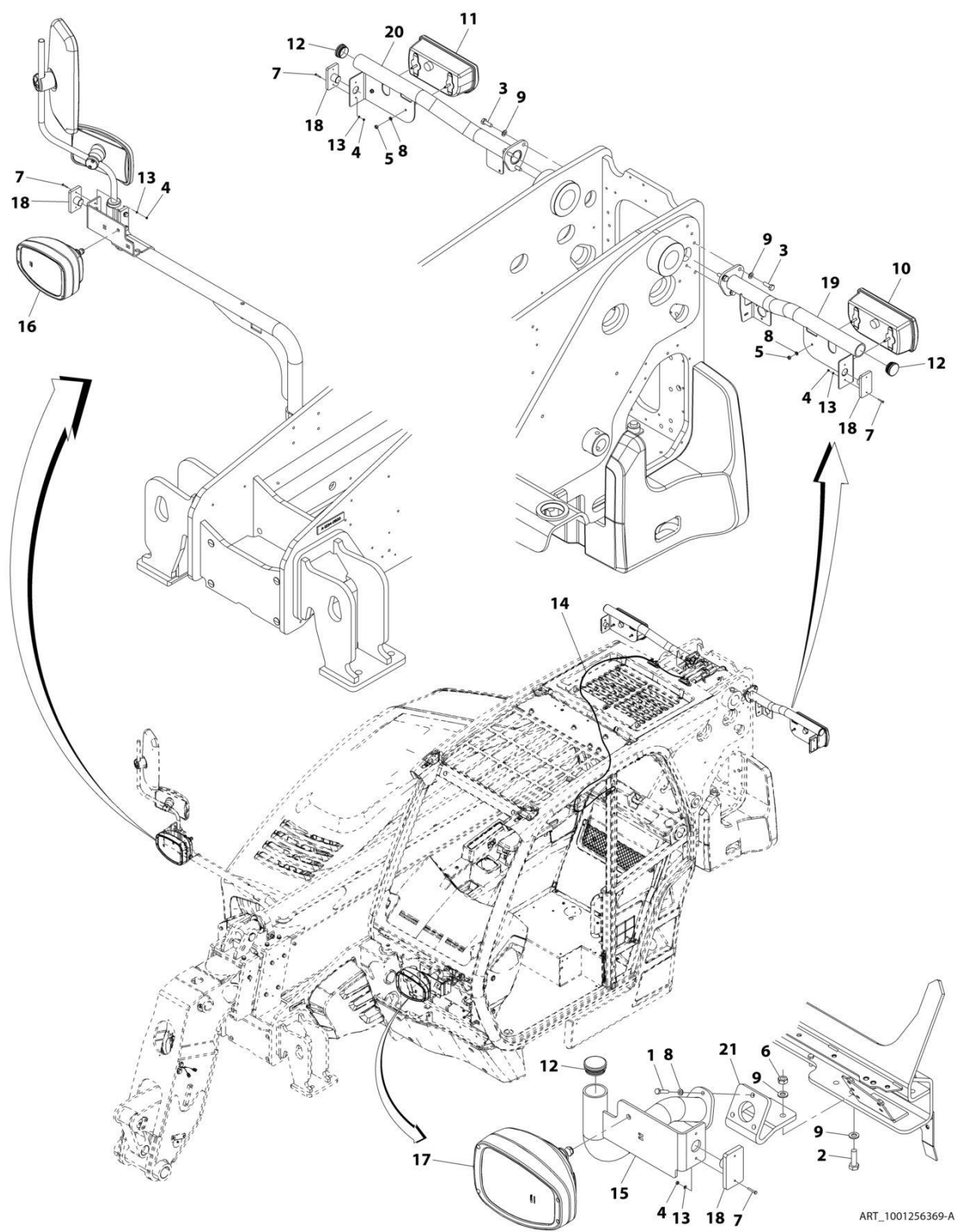
SECTION 10 - ELECTRICAL

FIGURE 10-37. 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 10-38. LIGHTS - DIP LIGHTS INSTALLATION (RH)



ART_1001256369-A

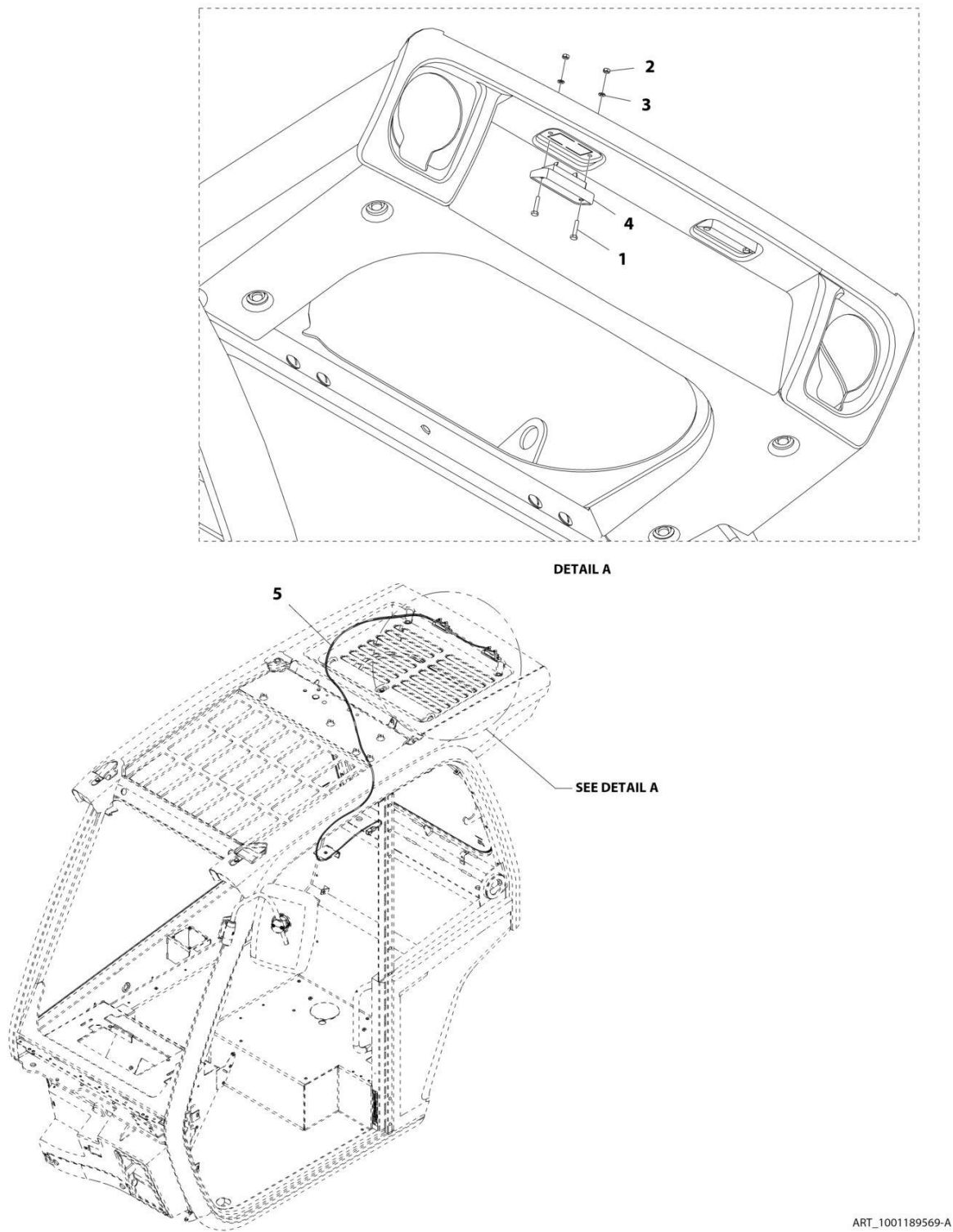
SECTION 10 - ELECTRICAL

FIGURE 10-38. 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 10-39. LIGHTS - LICENSE PLATE LAMP INSTALLATION



ART_1001189569-A

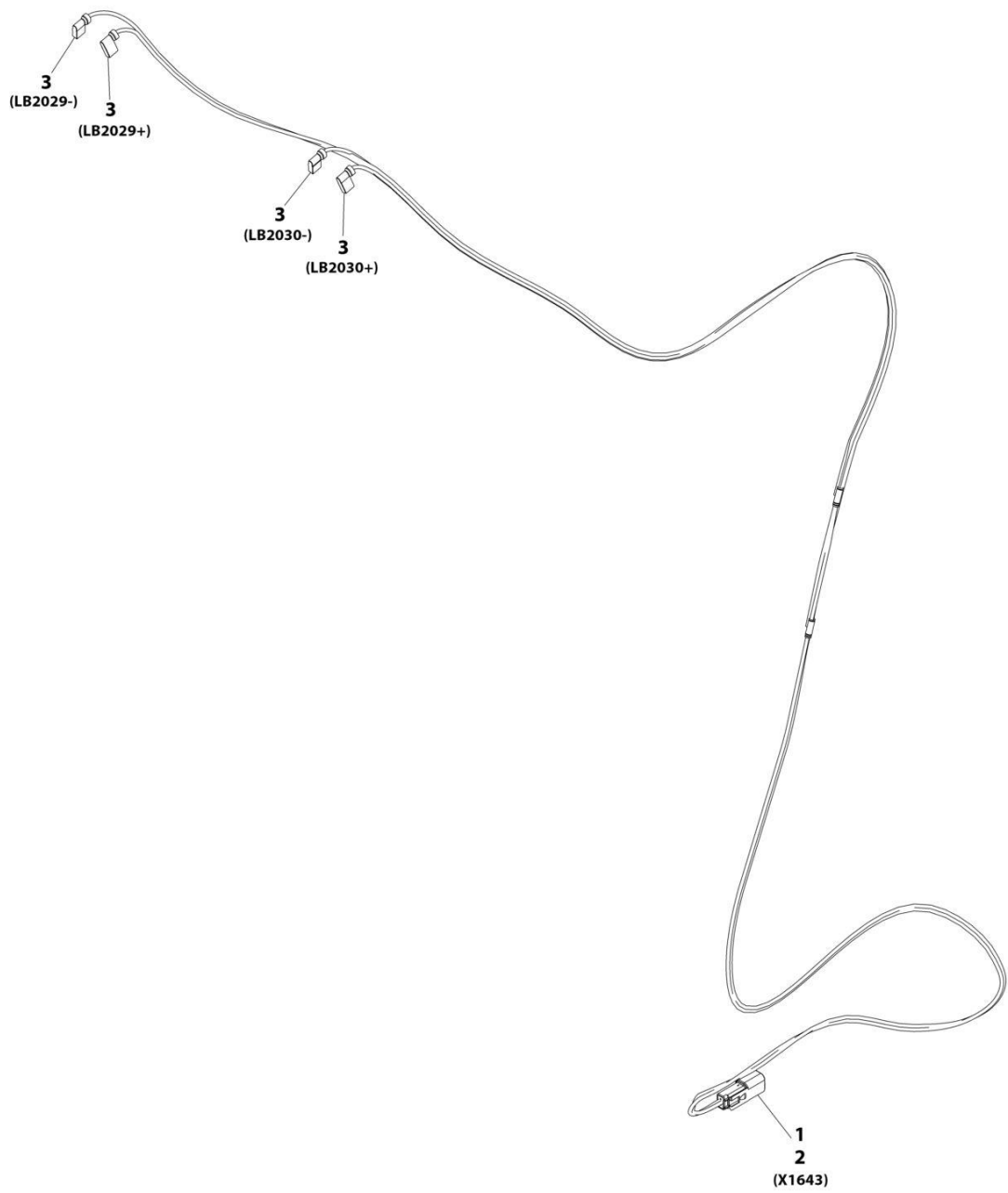
SECTION 10 - ELECTRICAL

FIGURE 10-39. 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 10-40. LIGHTS - LICENSE PLATE LAMP HARNESS



ART_1001178053-C

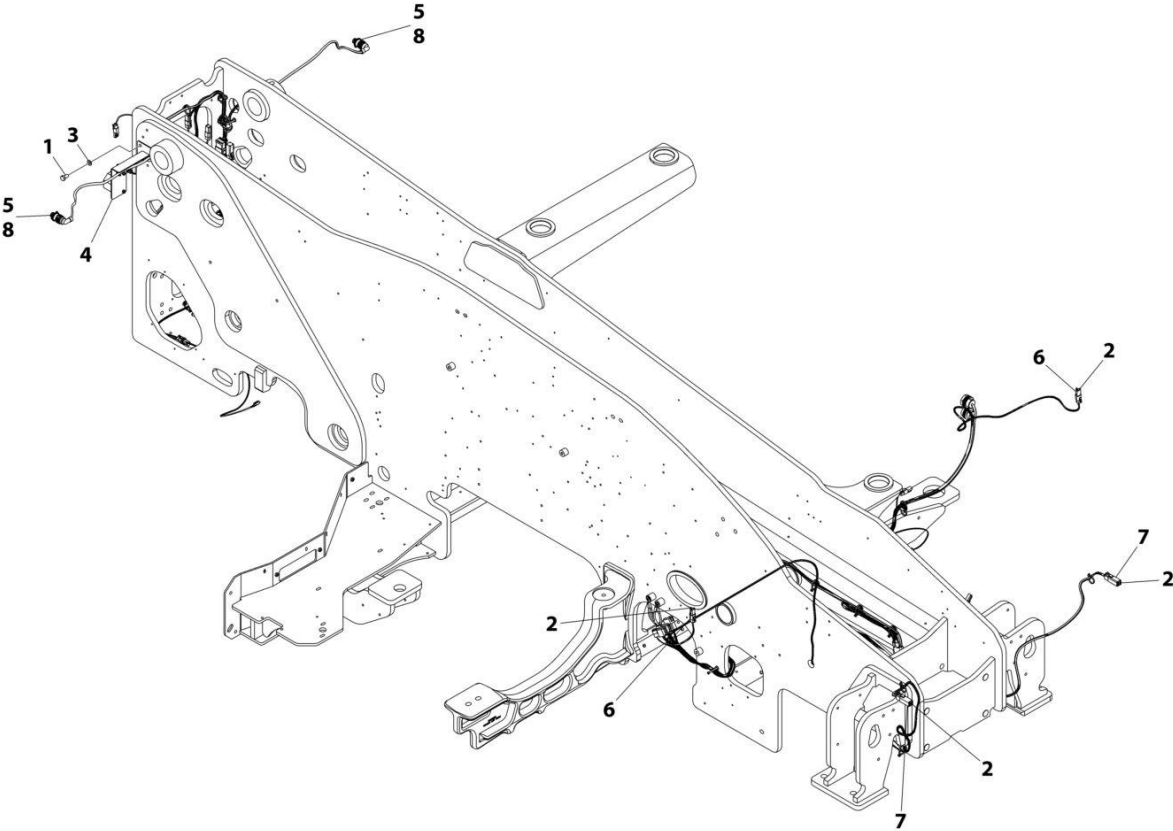
SECTION 10 - ELECTRICAL

FIGURE 10-40. 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 10-41. LIGHTS - NO ROADLIGHTS INSTALLATION



ART_1001225382-A

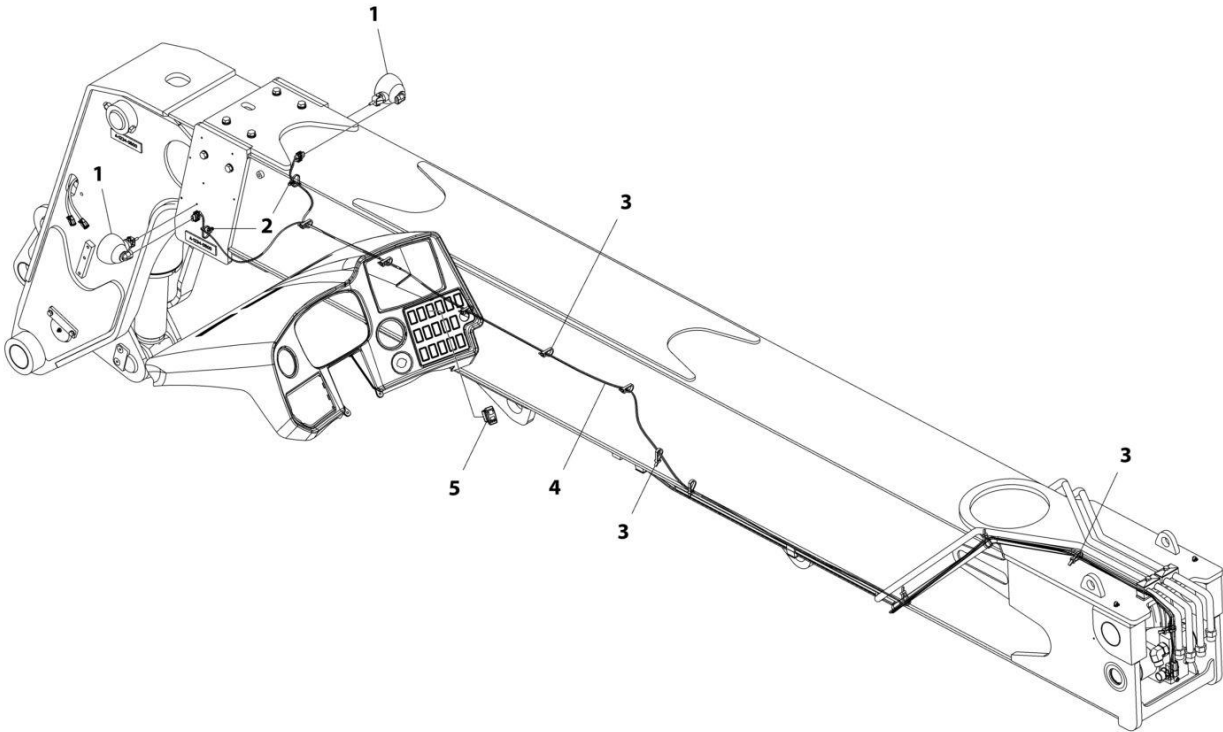
SECTION 10 - ELECTRICAL

FIGURE 10-41. 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 10-42. LIGHTS - WORKLIGHTS INSTALLATION (BOOM MOUNTED)



ART_1001180529

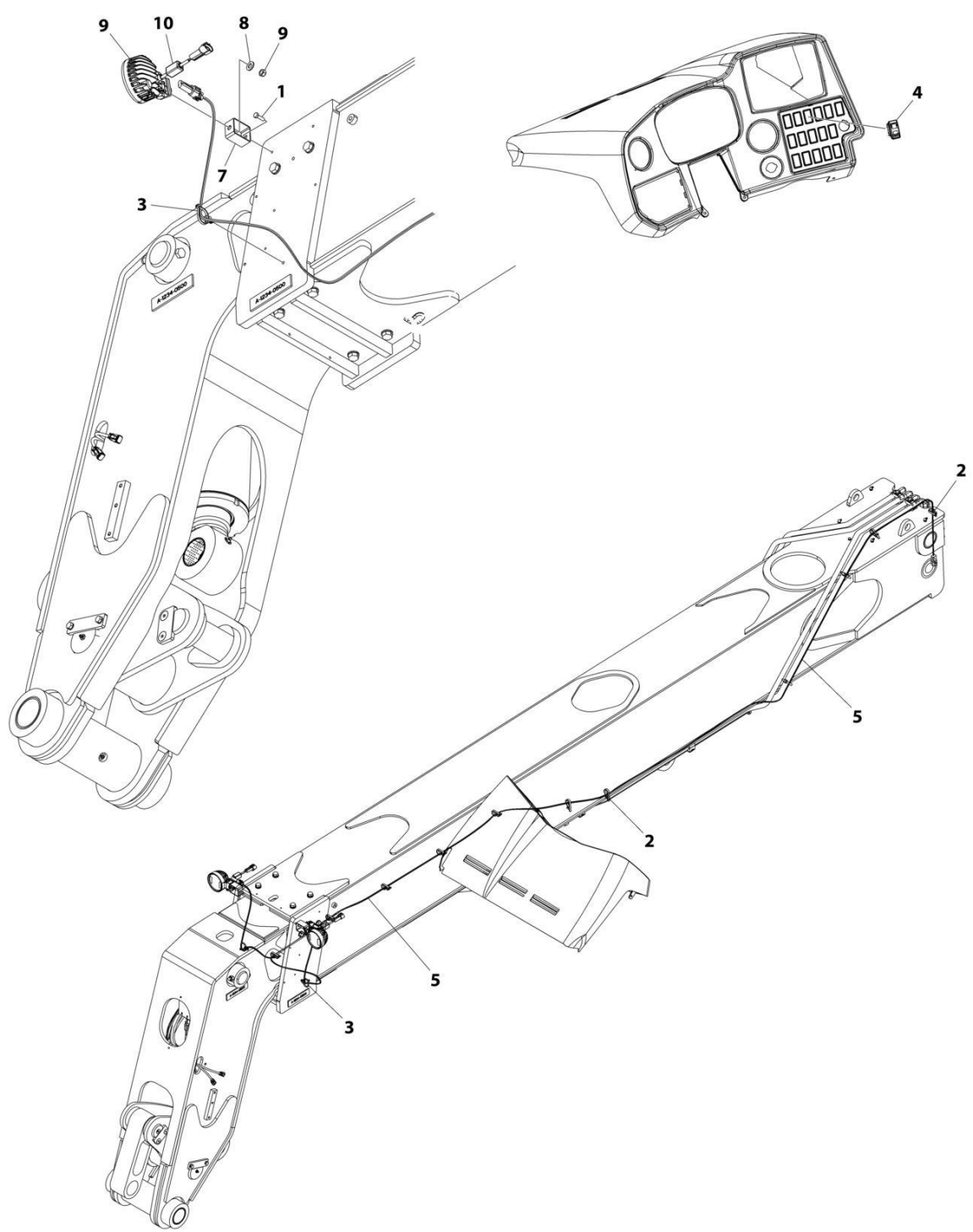
SECTION 10 - ELECTRICAL

FIGURE 10-42. LIGHTS - WORKLIGHTS INSTALLATION (BOOM MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180529	Ref	Boom Worklights Installation	D
1	2920206	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 10-43. LIGHTS - WORKLIGHTS INSTALLATION - LED (BOOM MOUNTED)



ART_1001210961_F

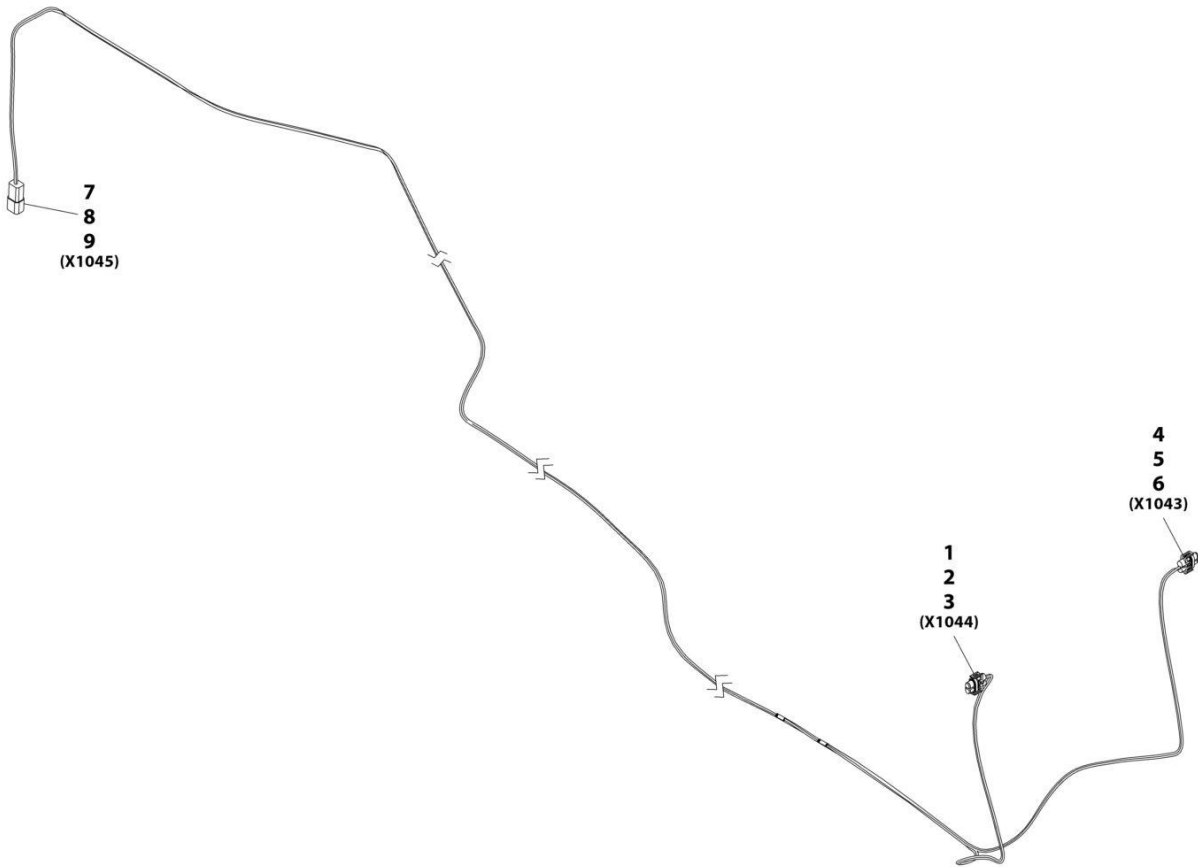
SECTION 10 - ELECTRICAL

FIGURE 10-43. 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 10-44. LIGHTS - WORKLIGHTS HARNESS (BOOM MOUNTED LIGHTS)



ART_1001183297-C

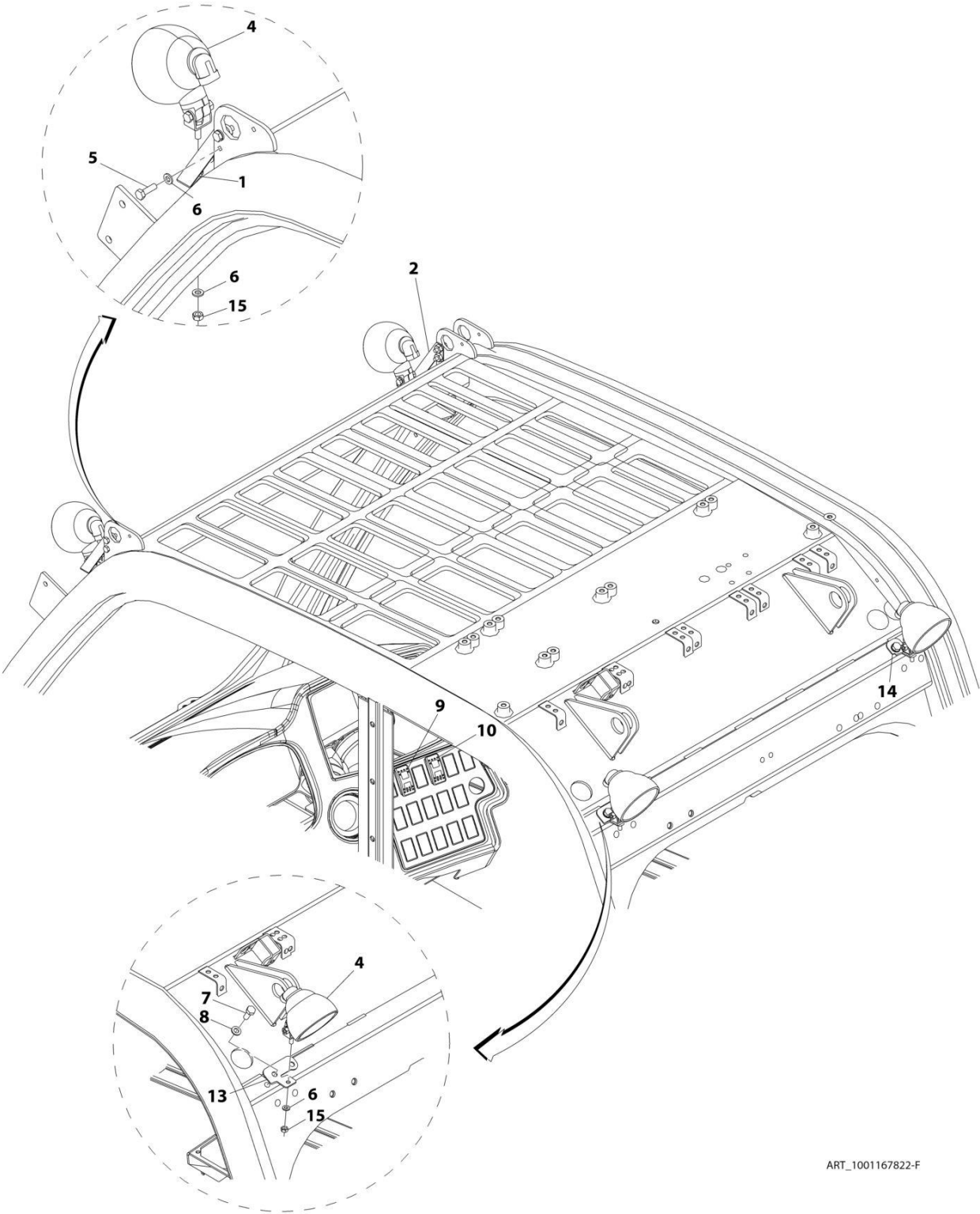
SECTION 10 - ELECTRICAL

FIGURE 10-44. 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 10-45. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (NO A/C)



ART_1001167822-F

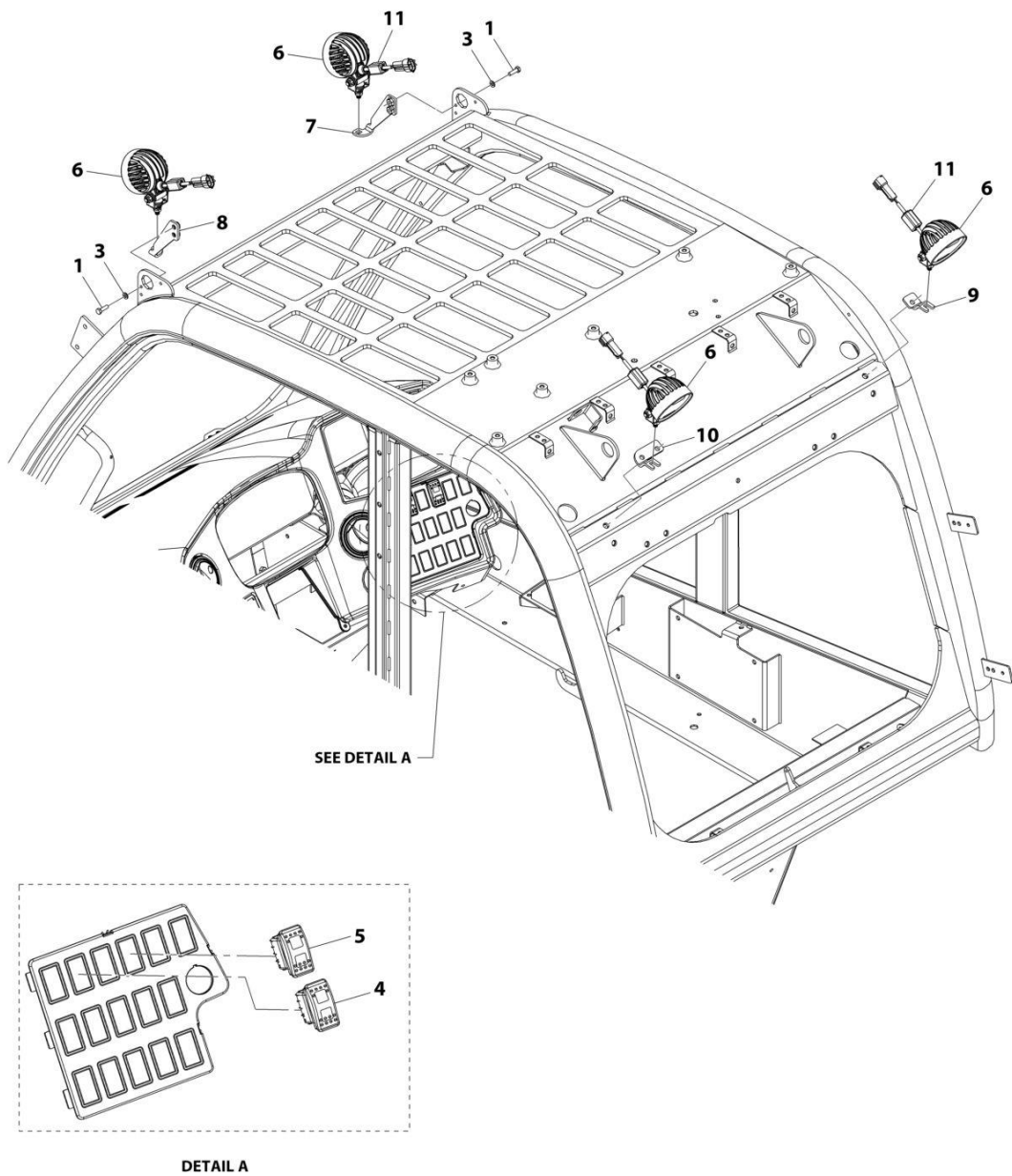
SECTION 10 - ELECTRICAL

FIGURE 10-45. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (NO A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167822	Ref	Cab Worklights Installation (No A/C)	F
1	1001186567	1	Bracket, Work Light LH	
2	1001186565	1	Bracket, Work Light RH	
4	2920206	4	Worklight	
5	0700610	4	Bolt, M6X20	
6	4811700	8	Washer, M6	
7	0760810	2	Bolt, M8X20	
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	
15	3290601	4	Nut, M6X1 Grade 8	

SECTION 10 - ELECTRICAL

FIGURE 10-46. LIGHTS - WORKLIGHTS INSTALLATION - LED (CAB MOUNTED) (NO A/C)



ART_1001200538-D

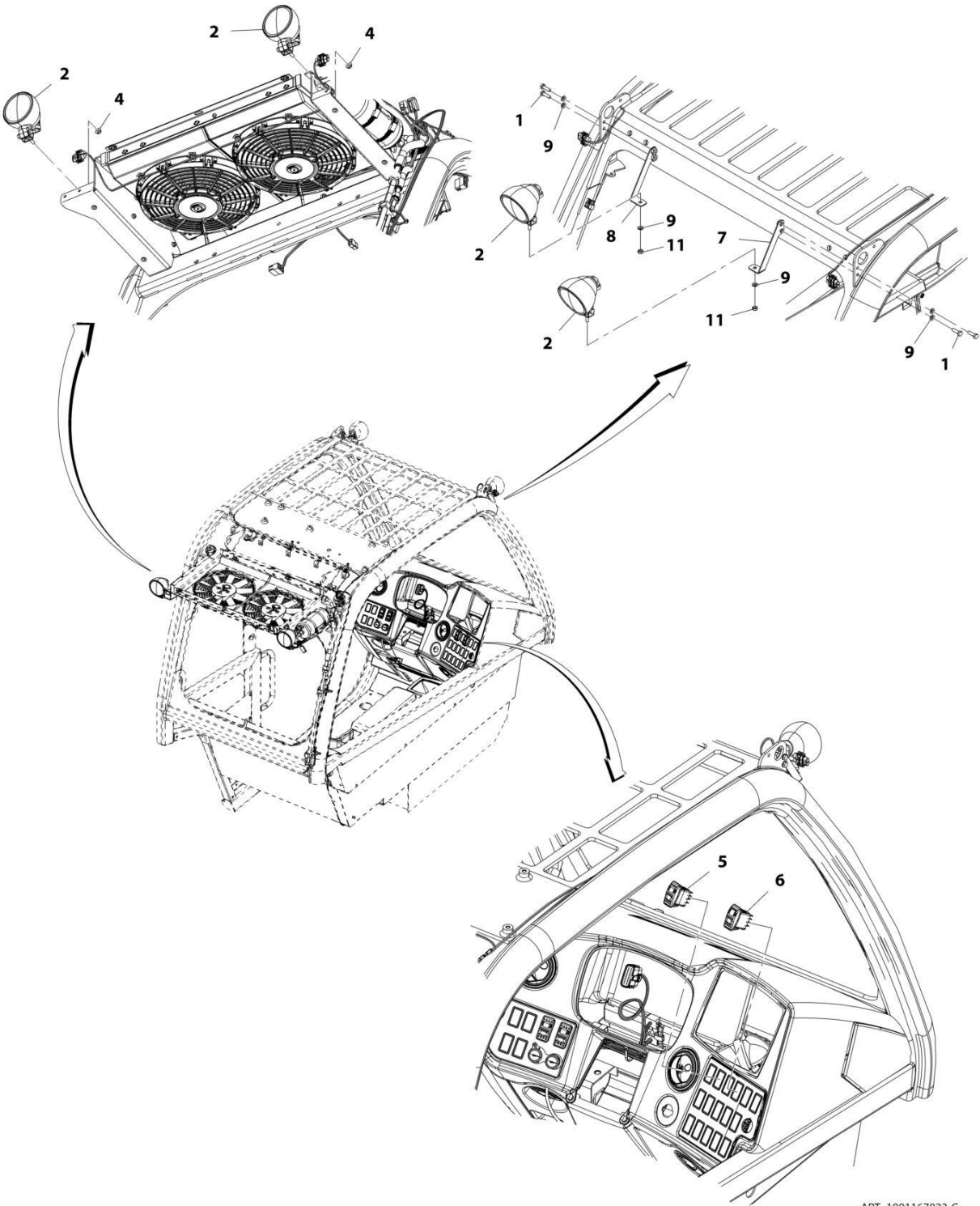
SECTION 10 - ELECTRICAL

FIGURE 10-46. 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 10-47. LIGHTS - WORKLIGHTS INSTALLATION (CAB MOUNTED) (WITH A/C)



ART_1001167823-G

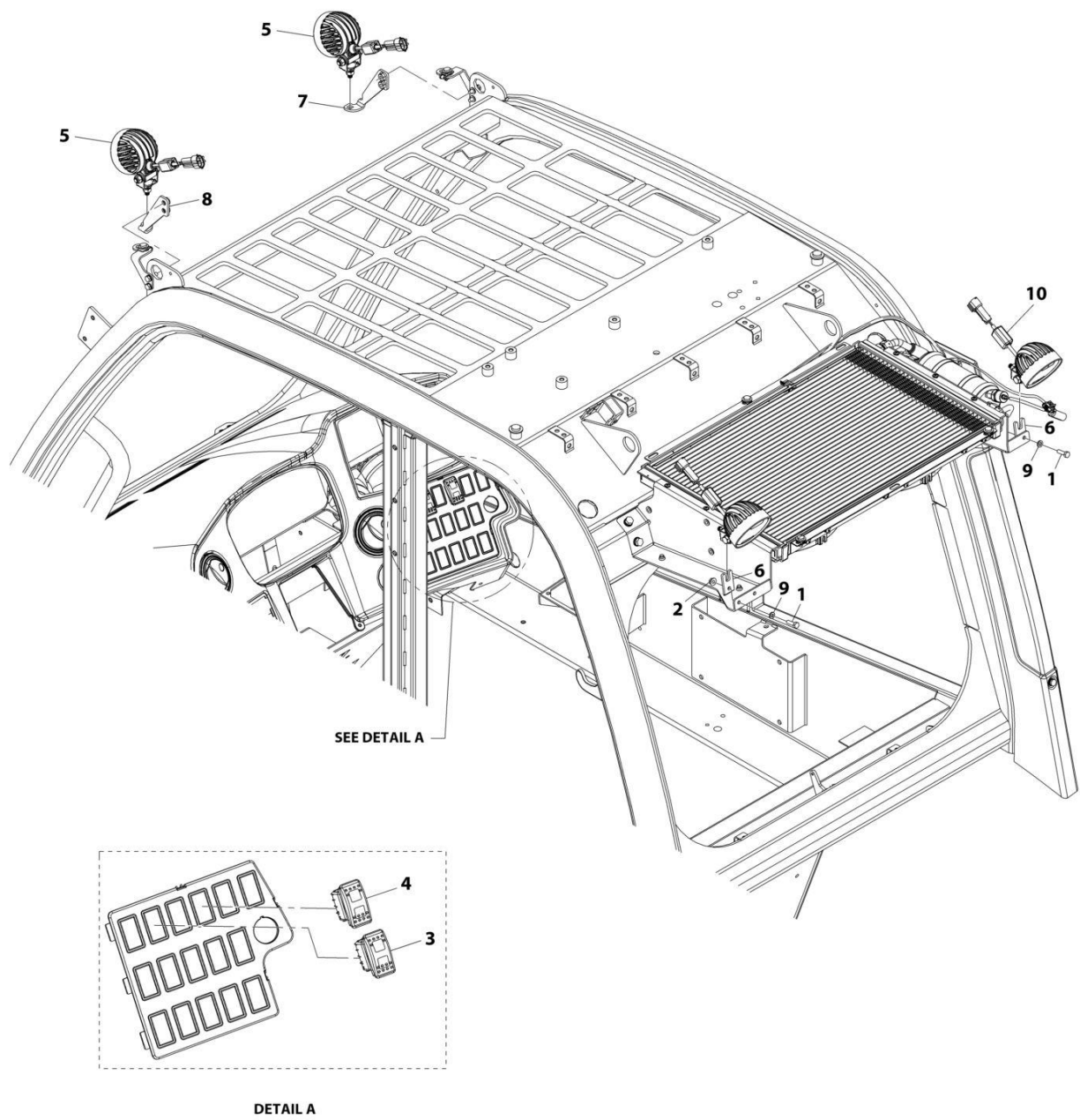
SECTION 10 - ELECTRICAL

FIGURE 10-47. 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 10-48. LIGHTS - WORKLIGHTS INSTALLATION -LED (CAB MOUNTED) (WITH A/C)



ART_1001200539-D

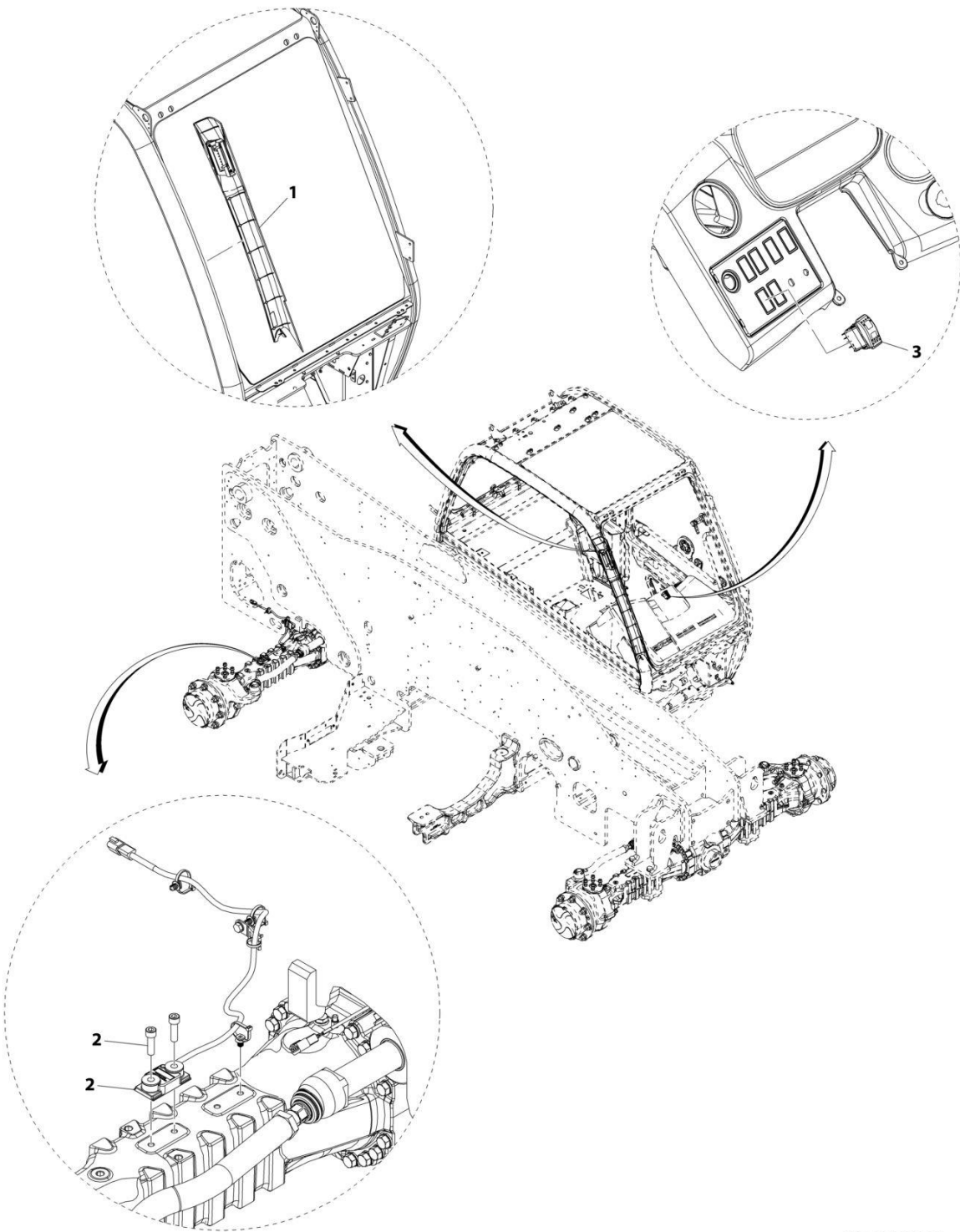
SECTION 10 - ELECTRICAL

FIGURE 10-48. 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 10-49. LSI SENSOR INSTALLATION



ART_1001257425-A

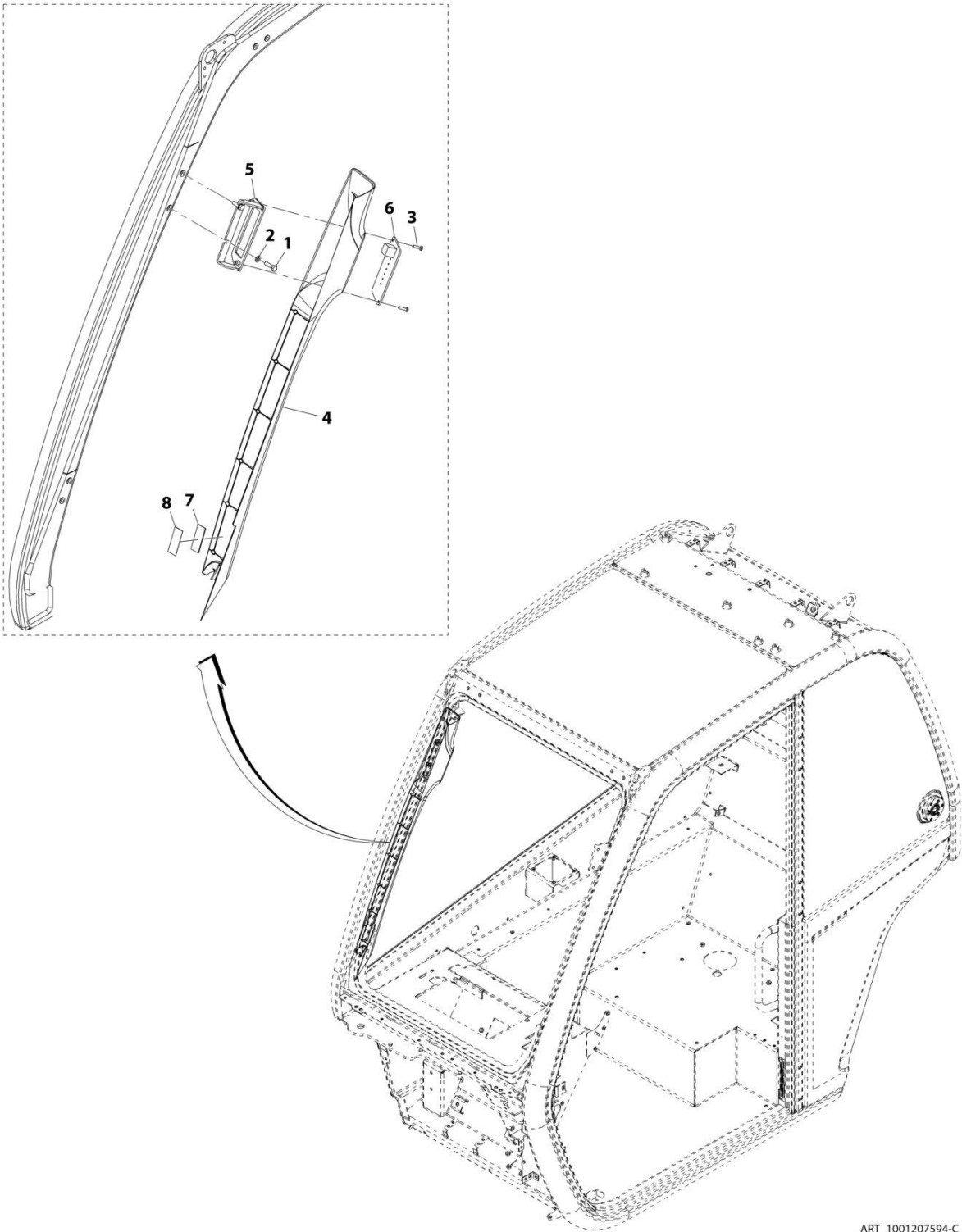
SECTION 10 - ELECTRICAL

FIGURE 10-49. 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 10-50. LSI DISPLAY INSTALLATION



ART_1001207594-C

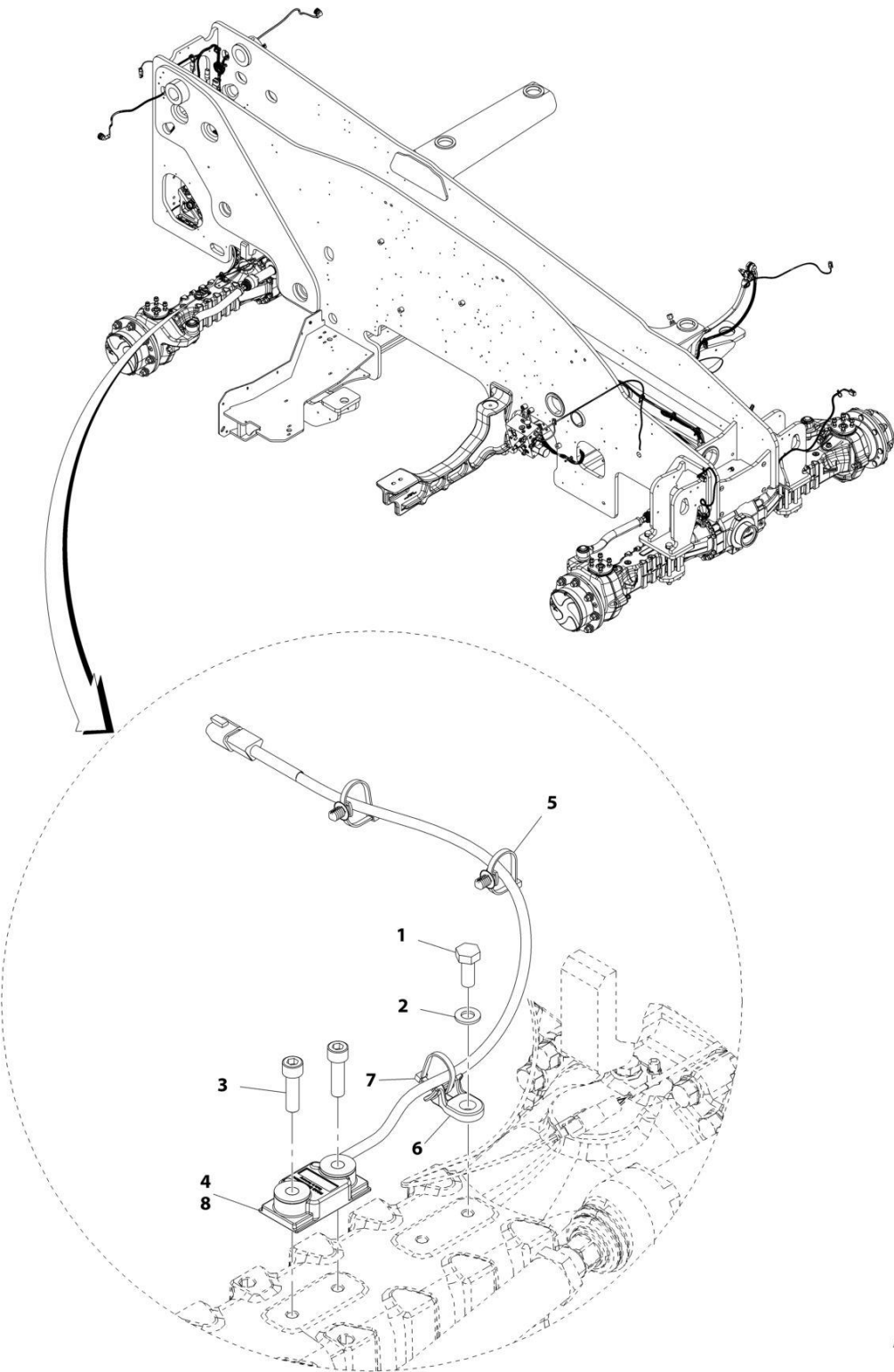
SECTION 10 - ELECTRICAL

FIGURE 10-50. 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 10-51. LSI SENSOR INSTALLATION



ART_1001199935-B

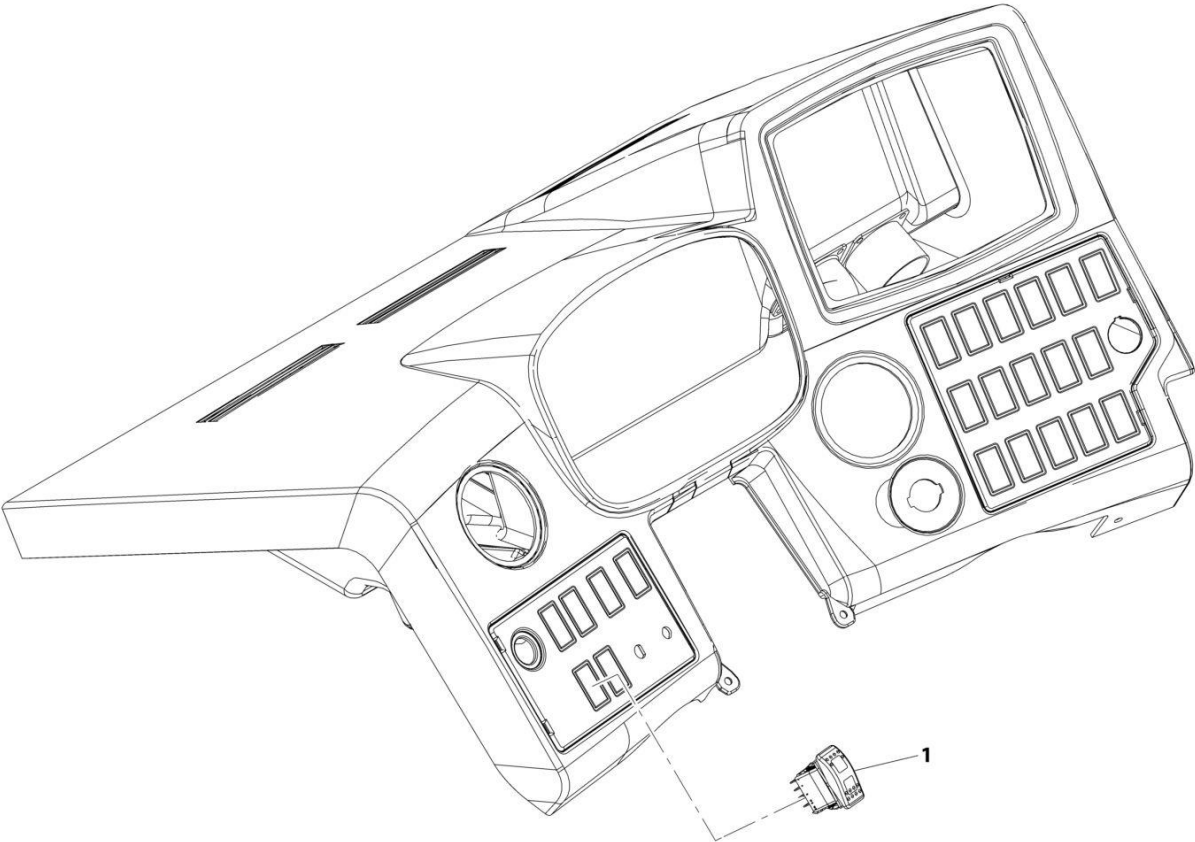
SECTION 10 - ELECTRICAL

FIGURE 10-51. LSI SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199935	Ref	LSI Sensor (24IN Wheel)	B
1	0761012	1	Bolt, M10X25	
2	4812000	1	Washer, M10	
3	5272011	2	Screw, M10X35	
4	1001116128	1	Sealant, Polysiloxane	
5	1001146588	2	Strap, Cable	
6	1001169146	1	Mount	
7	1001004720	1	Strap, Cable	
8	1001160730	1	Sensor, Rear Axle LSI	

SECTION 10 - ELECTRICAL

FIGURE 10-52. LSI SWITCH INSTALLATION



ART_1001257426-A

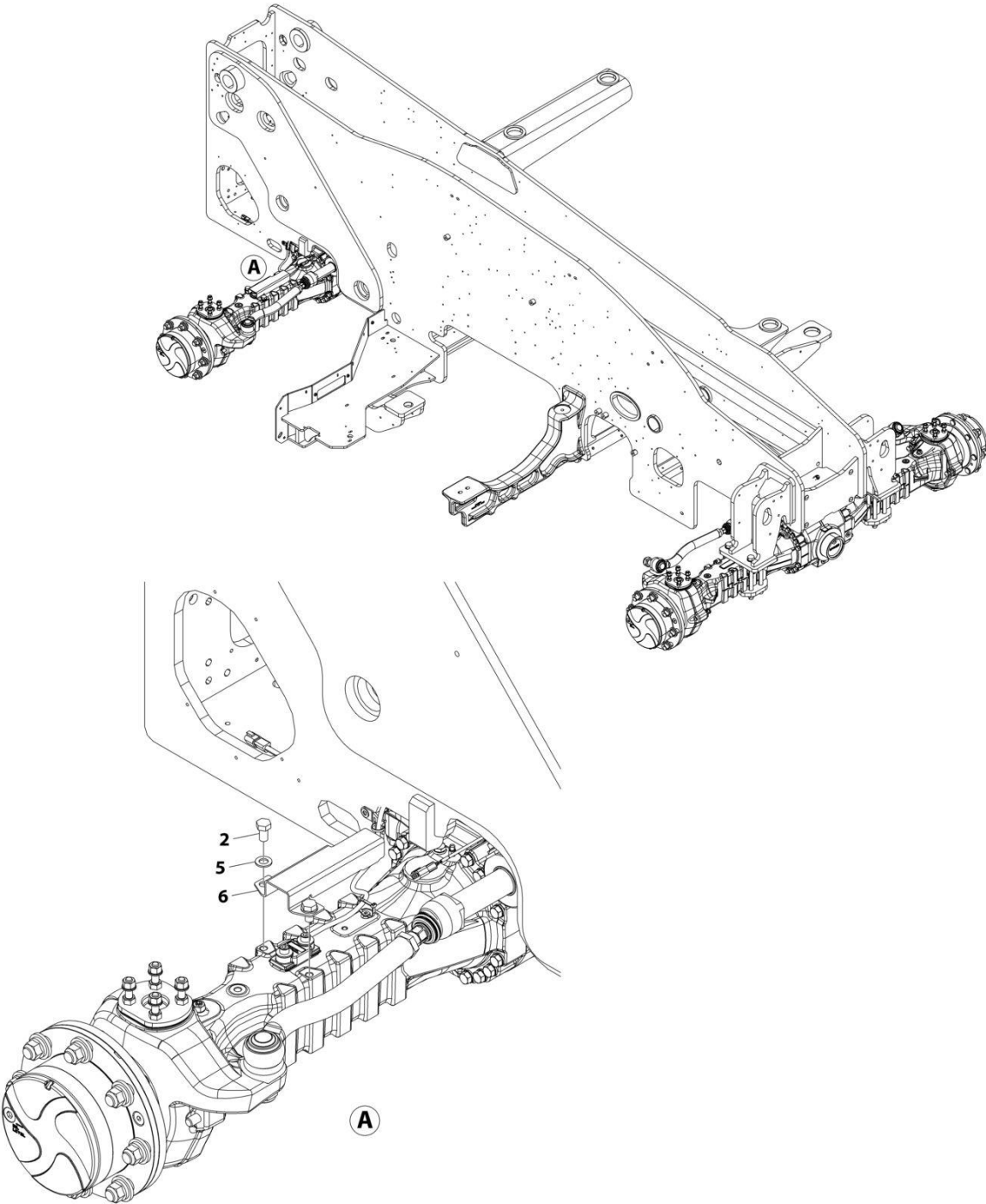
SECTION 10 - ELECTRICAL

FIGURE 10-52. 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 10-53. LSI SENSOR COVER INSTALLATION



ART_1001225414

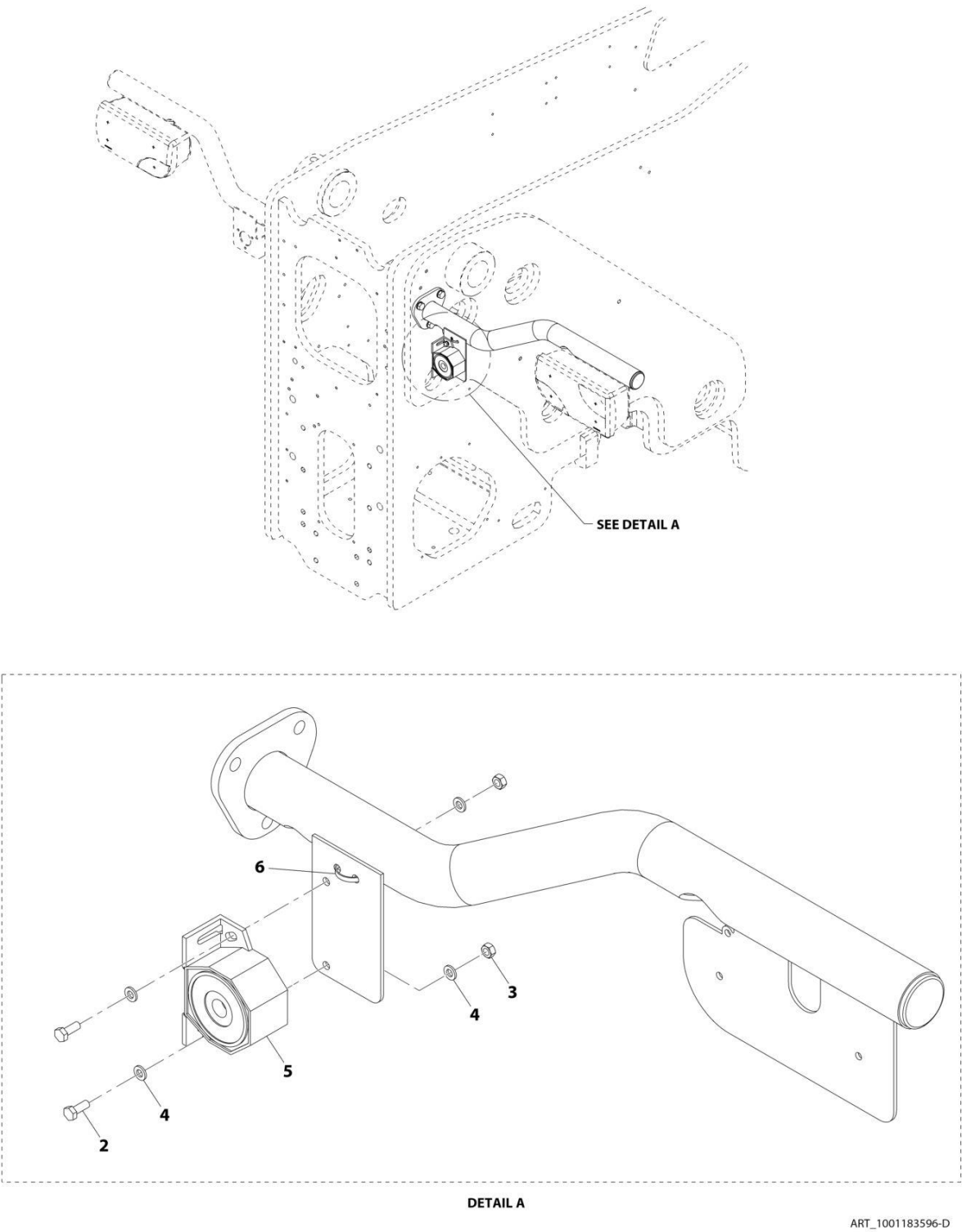
SECTION 10 - ELECTRICAL

FIGURE 10-53. 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 10-54. REVERSE ALARM INSTALLATION



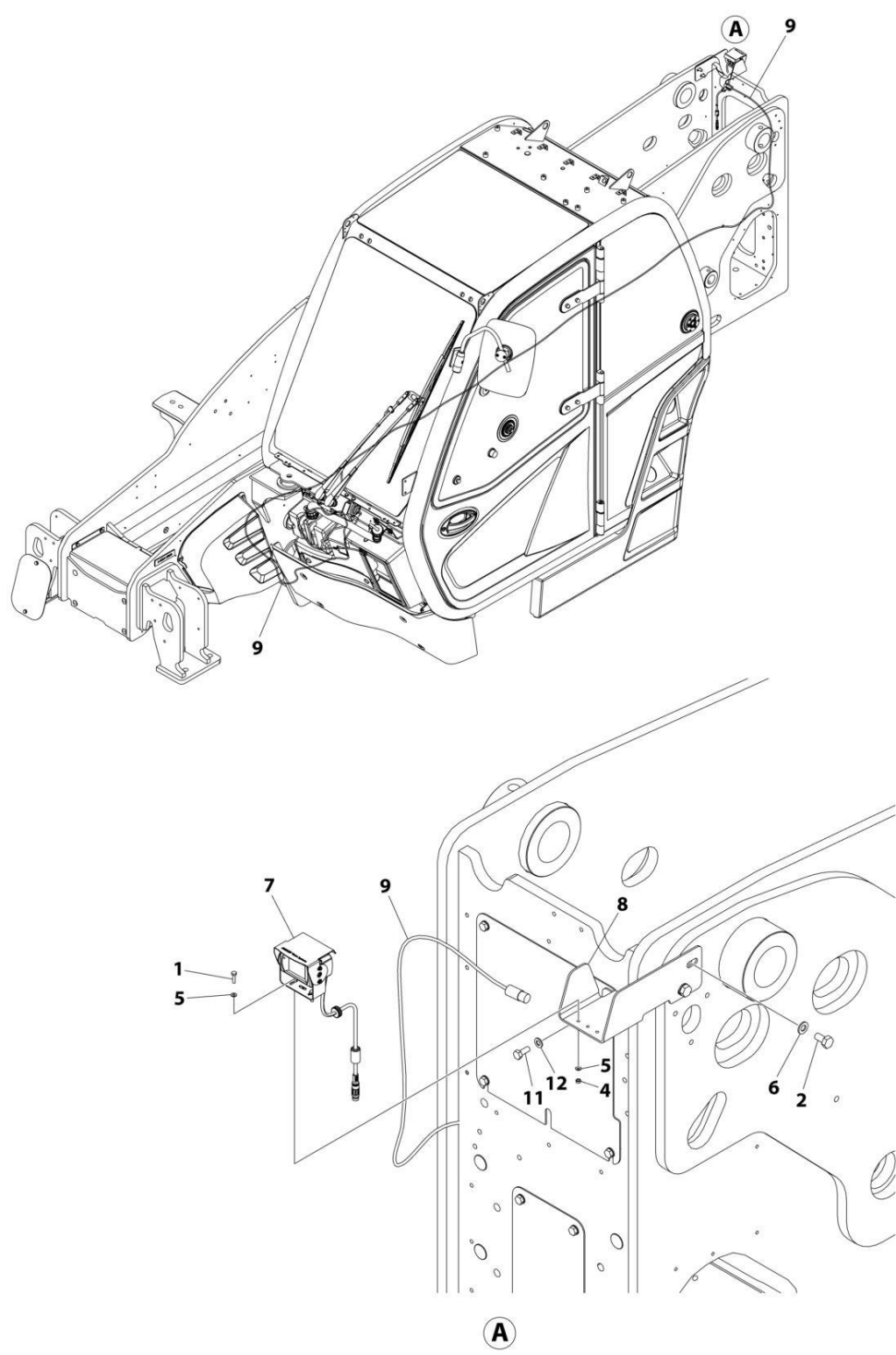
SECTION 10 - ELECTRICAL

FIGURE 10-54. 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 10-55. REVERSE CAMERA INSTALLATION



ART_1001190225_D

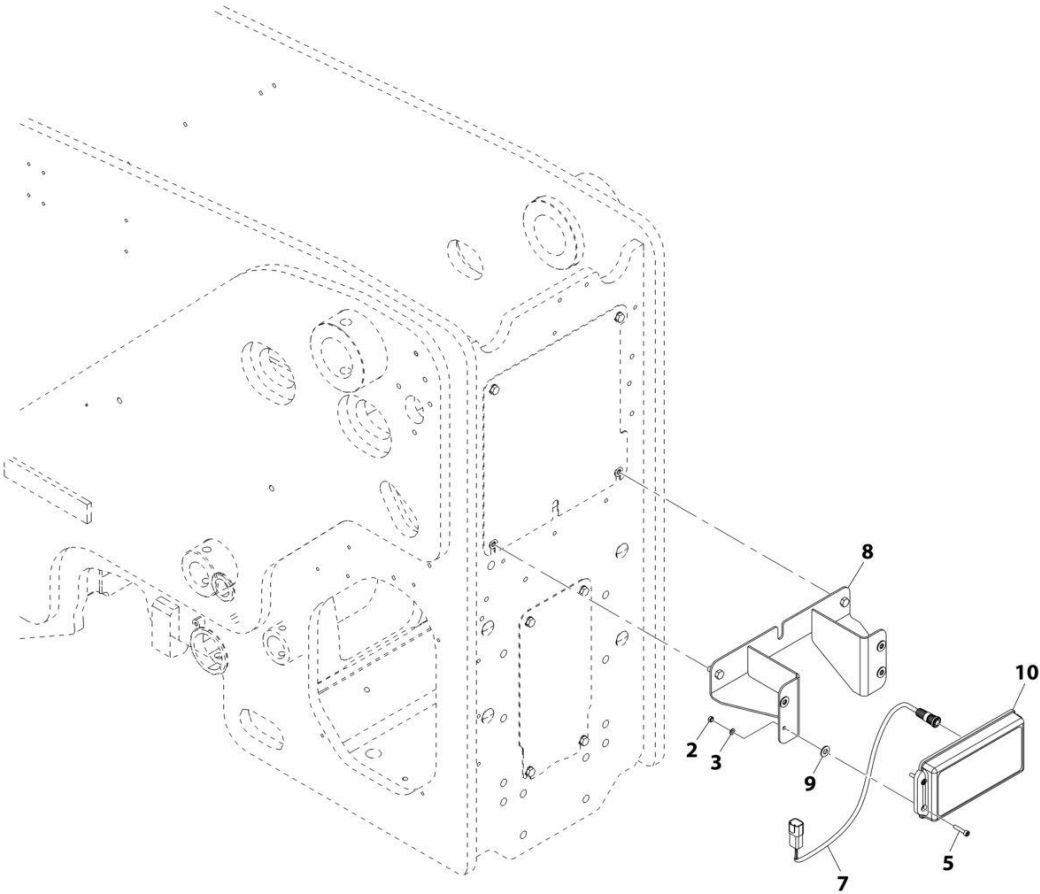
SECTION 10 - ELECTRICAL

FIGURE 10-55. 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 10-56. REVERSE SENSING INSTALLATION



ART_1001190227-C

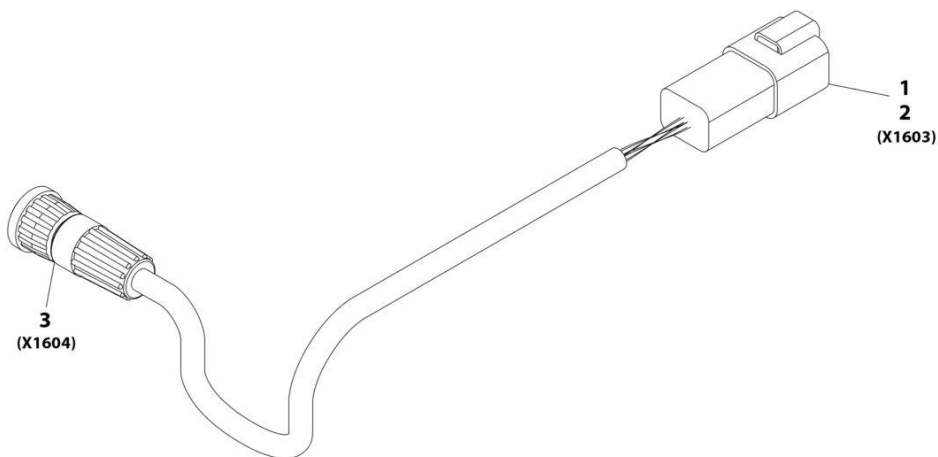
SECTION 10 - ELECTRICAL

FIGURE 10-56. 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 10-57. REVERSE SENSING HARNESS



ART_1001175776-C

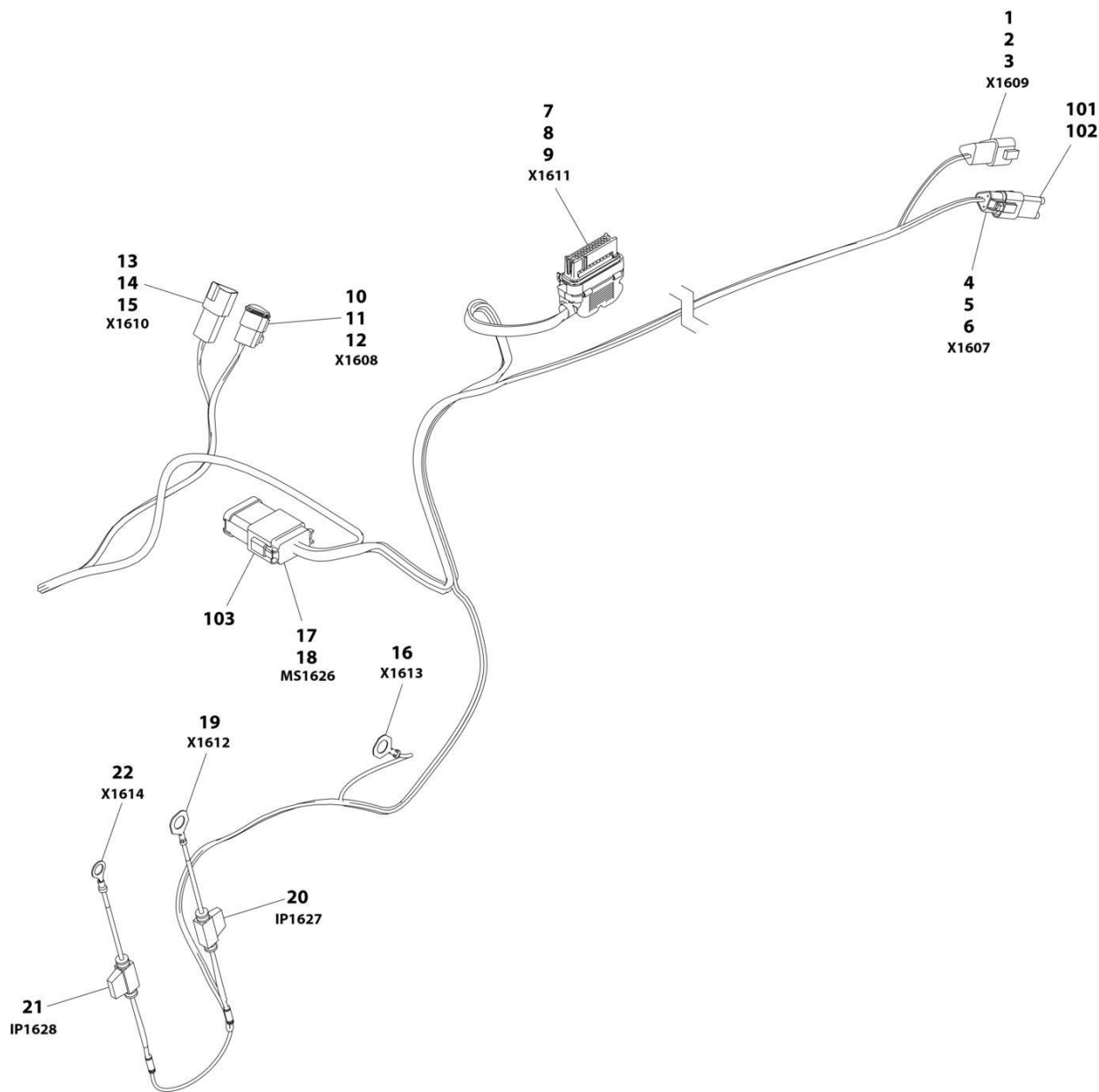
SECTION 10 - ELECTRICAL

FIGURE 10-57. 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 10-58. TELEMATICS CLEARSKY CAN 4WARD HARNESS



ART_1001268553

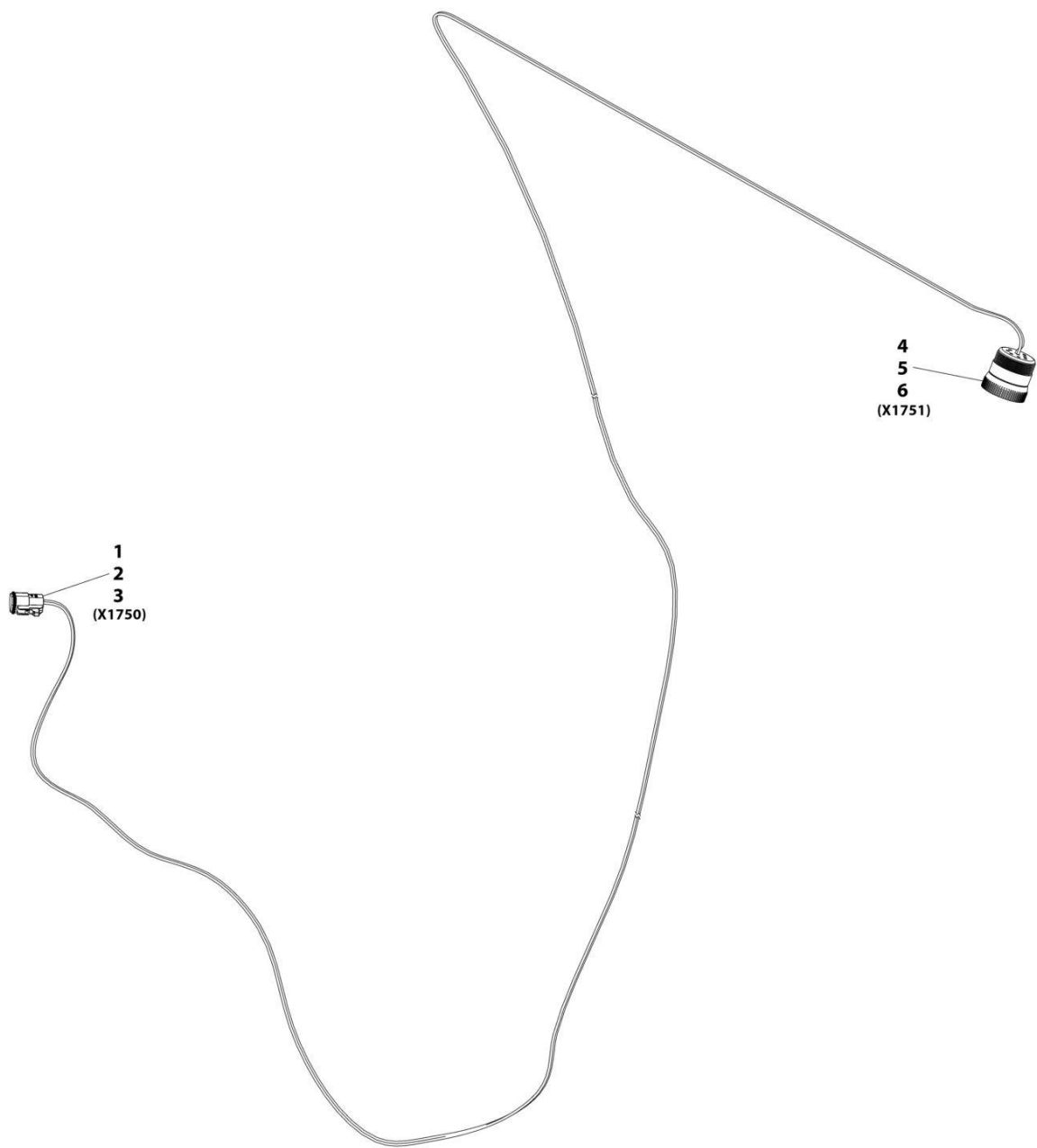
SECTION 10 - ELECTRICAL

FIGURE 10-58. TELEMATICS CLEARSKY CAN 4WARD HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268553	Ref	TELEMATICS CLEARSKY CAN 4WARD HARNESS	A
1	1001144147	1	Connector	
2	4460464	2	Terminal	
3	4460466	1	Plug	
4	1001116812	1	Connector	
5	4460465	2	Terminal	
6	4460466	1	Plug	
7	1001226636	1	Connector	
8	1001226637	7	Terminal	
9	1001116731	17	Plug	
10	1001116812	1	Connector	
11	4460465	2	Terminal	
12	4460466	1	Plug	
13	1001144147	1	Connector	
14	4460464	2	Terminal	
15	4460466	1	Plug	
16	1001187081	1	Ring, Terminal	
17	4460933	1	Connector	
18	4460465	12	Terminal	
19	1001187078	1	Ring, Terminal	
20	2400060	1	Fuse, Holder	
21	2400060	1	Fuse, Holder	
22	4460670	1	Ring, Terminal	
101	4460466	3	Plug	
102	1001144147	1	Connector	
103	1001200206	1	Connector	

SECTION 10 - ELECTRICAL

FIGURE 10-59. TELEMATICS ADAPTER HARNESS



ART_1001254185-A

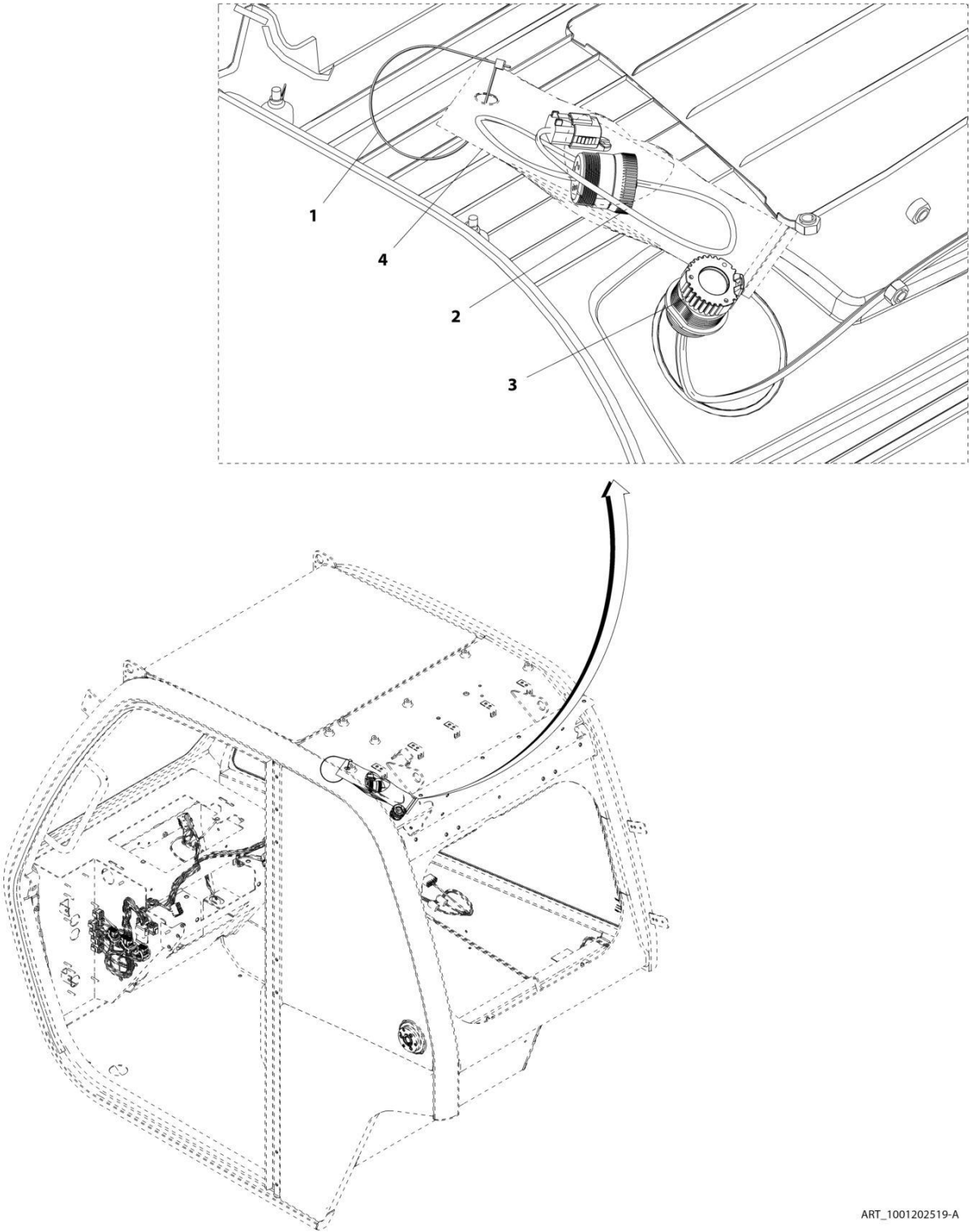
SECTION 10 - ELECTRICAL

FIGURE 10-59. TELEMATICS ADAPTER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001254185	Ref	TELEMATICS ADAPTER HARNESS	A
1	1001116812	1	Connector	
2	4460465	2	Terminal	
3	4460466	1	Plug	
4	1001112796	1	Connector	
5	4460944	2	Terminal	
6	4460466	7	Plug	

SECTION 10 - ELECTRICAL

FIGURE 10-60. TELEMATICS READY INSTALLATION



ART_1001202519-A

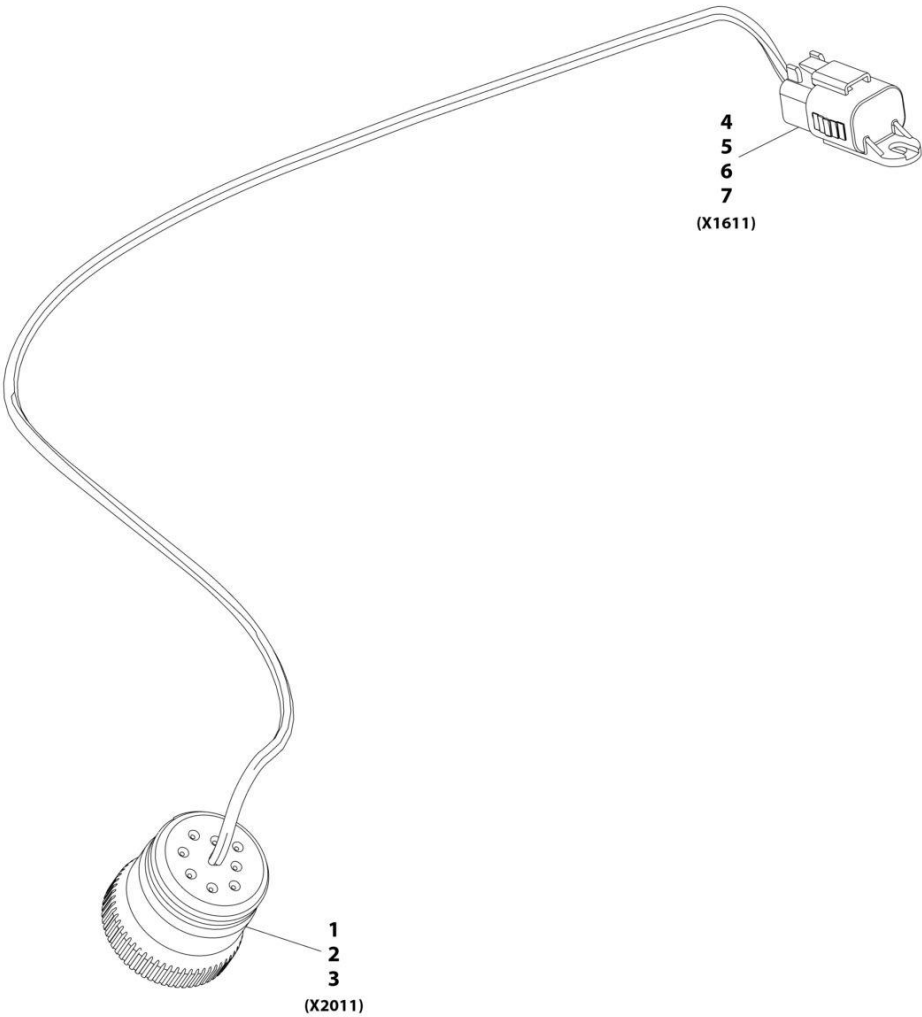
SECTION 10 - ELECTRICAL

FIGURE 10-60. TELEMATICS READY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202519	Ref	Telematics Ready Installation	A
1	8584003	1	Strap, Tie	
2	1001196289	1	Harness, Telematics Ready (See Separate Breakdown in ELECTRICAL Section)	
3	1001201162	1	Cap	
4	1001202617	1	Bag	

SECTION 10 - ELECTRICAL

FIGURE 10-61. TELEMATICS READY HARNESS



ART_1001196289-A

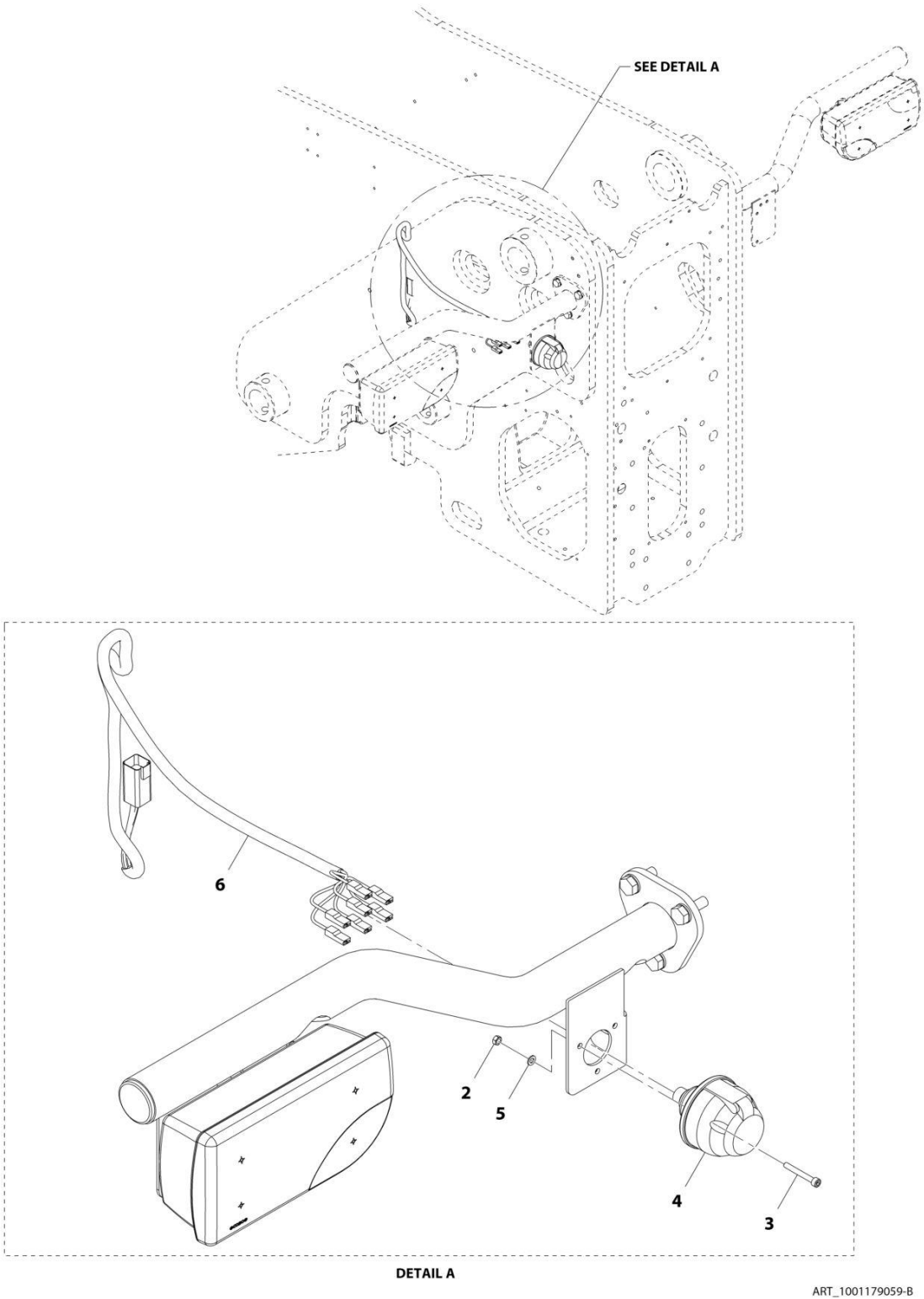
SECTION 10 - ELECTRICAL

FIGURE 10-61. TELEMATICS READY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196289	Ref	Telematics Ready Harness	A
1	1001112796	1	Connector	
2	4460465	3	Terminal	
3	4460466	6	Plug	
4	4460884	1	Connector	
5	80604021	1	Lock, Connector	
6	4460465	3	Terminal	
7	4460466	1	Terminal	

SECTION 10 - ELECTRICAL

FIGURE 10-62. TRAILER ELECTRICS INSTALLATION



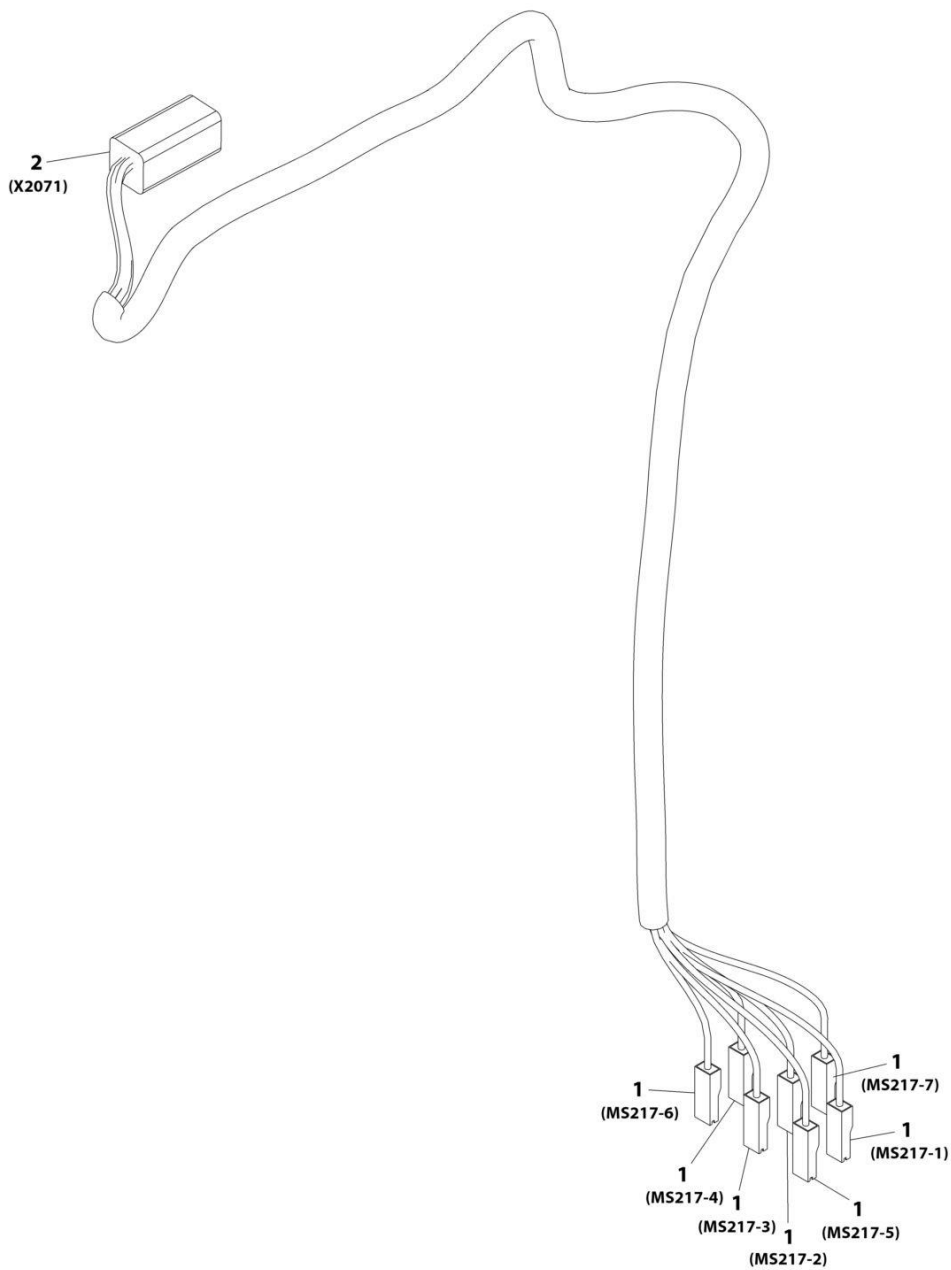
SECTION 10 - ELECTRICAL

FIGURE 10-62. 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 10-63. TRAILER CONNECTOR HARNESS



ART_1001184839-C

SECTION 10 - ELECTRICAL

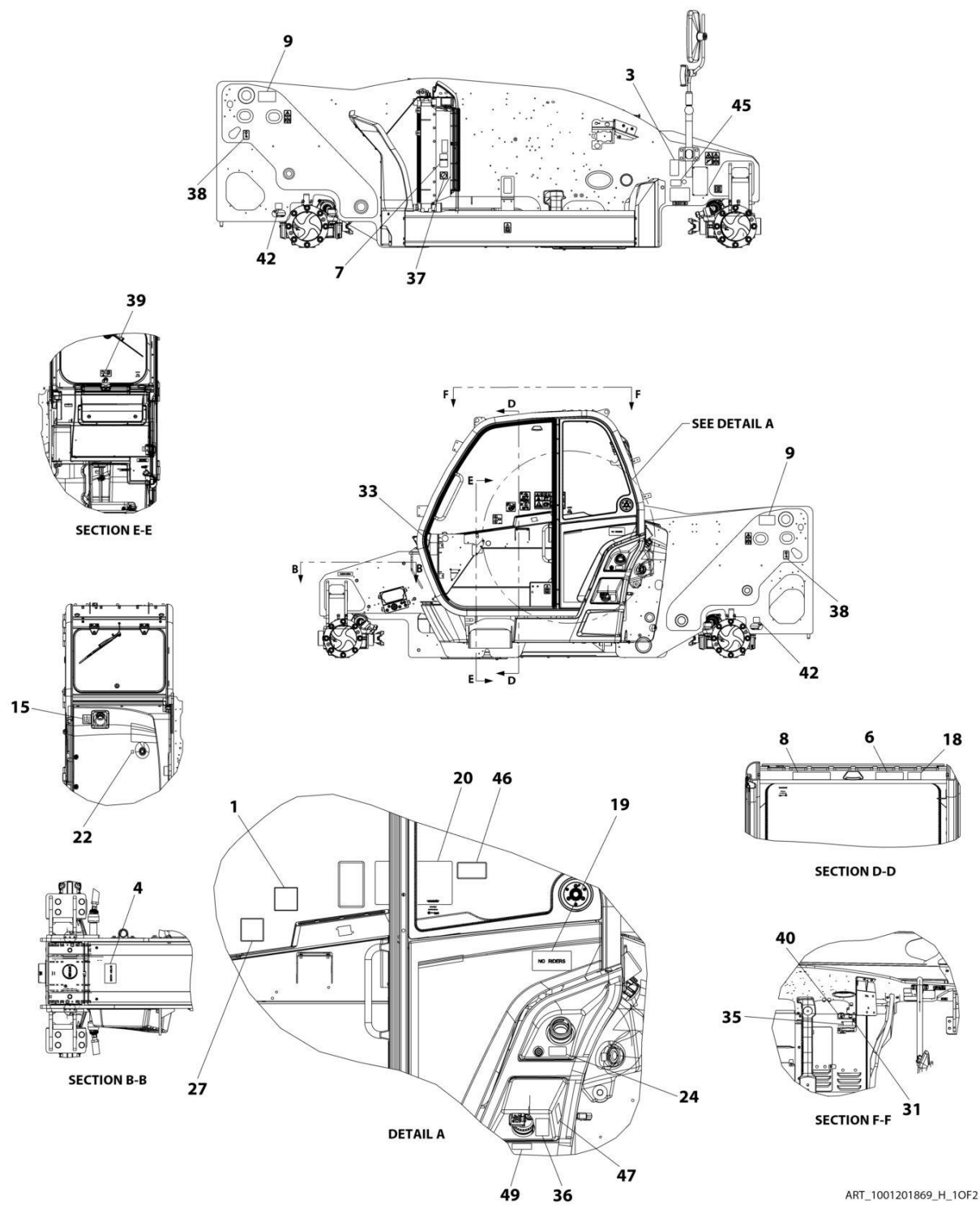
FIGURE 10-63. TRAILER CONNECTOR HARNESS

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

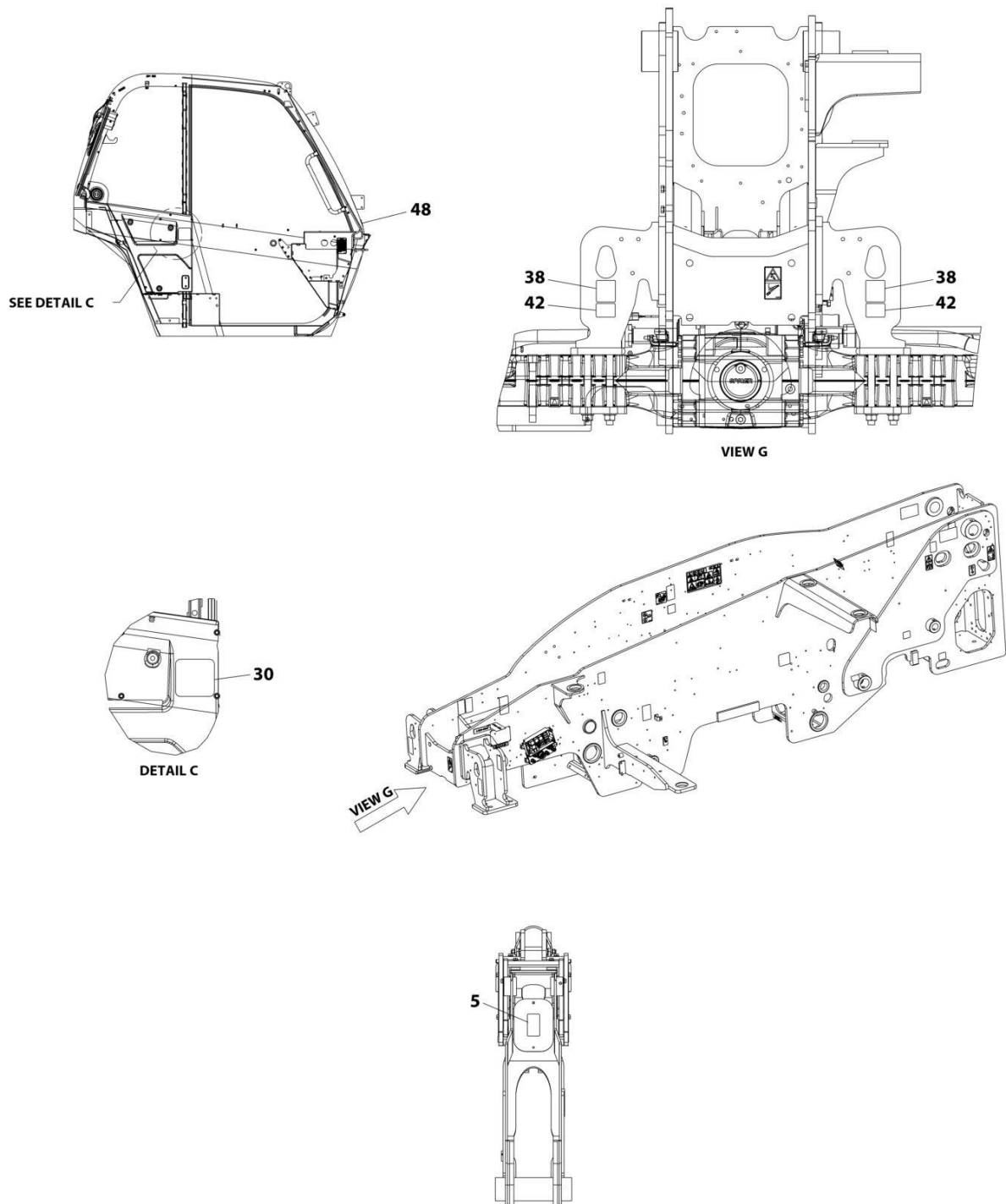
SECTION 11 - DECALS

SECTION 11 - DECALS

FIGURE 11-1. DECALS INSTALLATION (ANSI)



SECTION 11 - DECALS



ART_1001201869_H_20F2

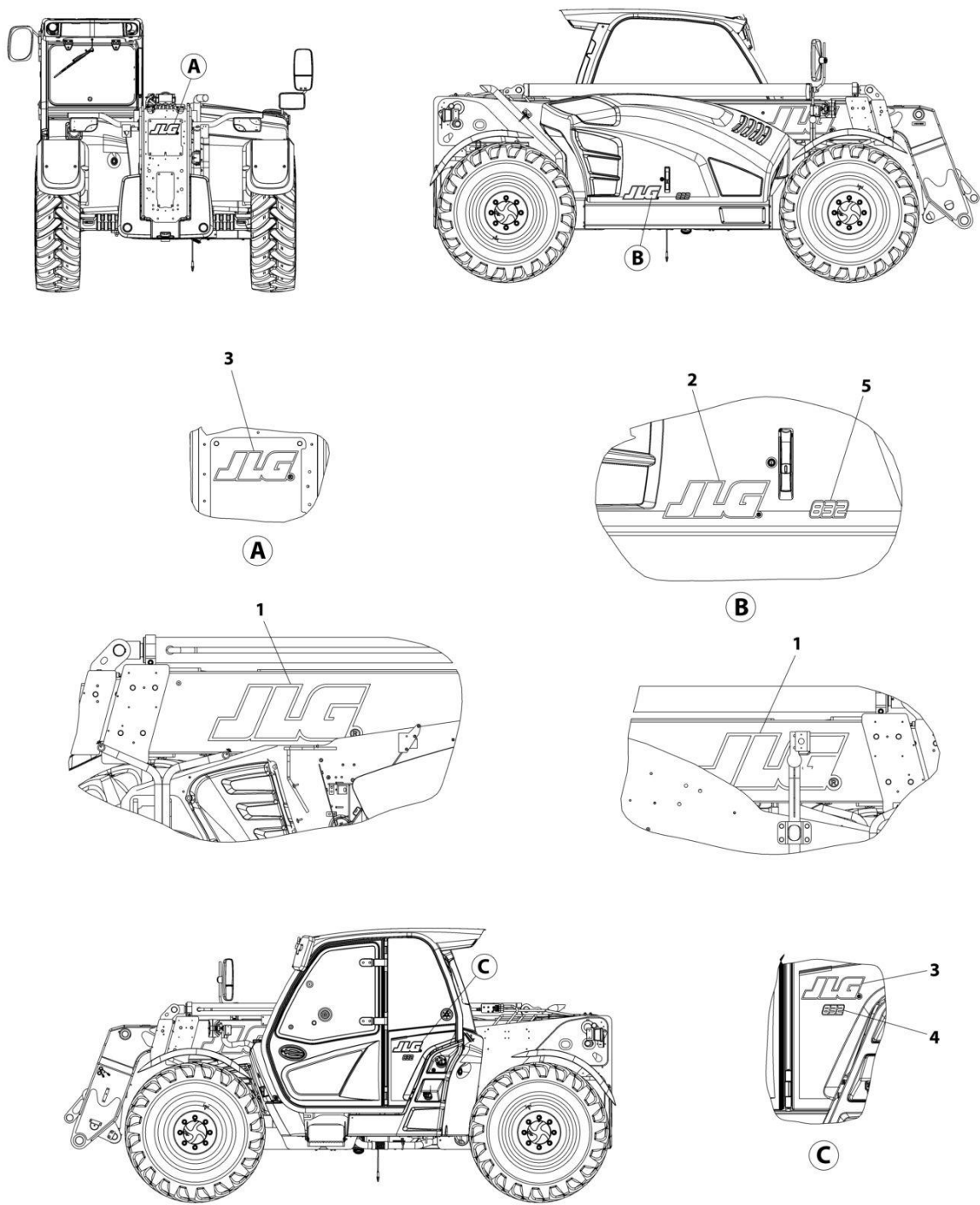
SECTION 11 - DECALS

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_1001258737

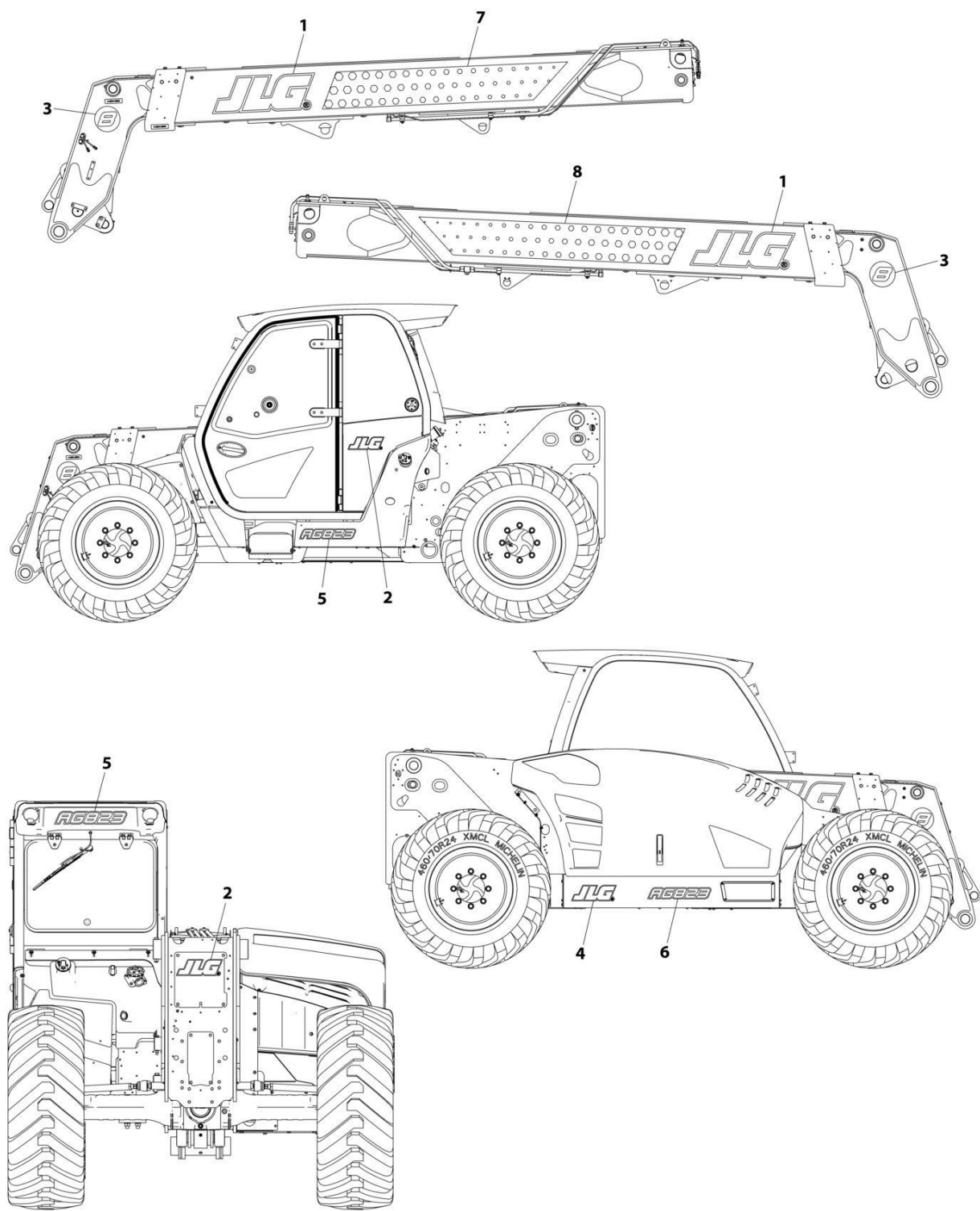
SECTION 11 - DECALS

FIGURE 11-2. DECALS INSTALLATION - JLG

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258737	Ref	DECALS INSTALLATION	B
1	1001159728	2	Decal, JLG Logo	
2	1001160775	1	Decal, JLG - 5" Black	
3	1001169674	2	Decal, JLG M100X285	
4	1001276753	1	Decal, JLG 832 Cab	
5	1001276754	1	Decal, JLG 832 Hood	

SECTION 11 - DECALS

FIGURE 11-3. DECALS INSTALLATION - JLG AG



ART_1001289374

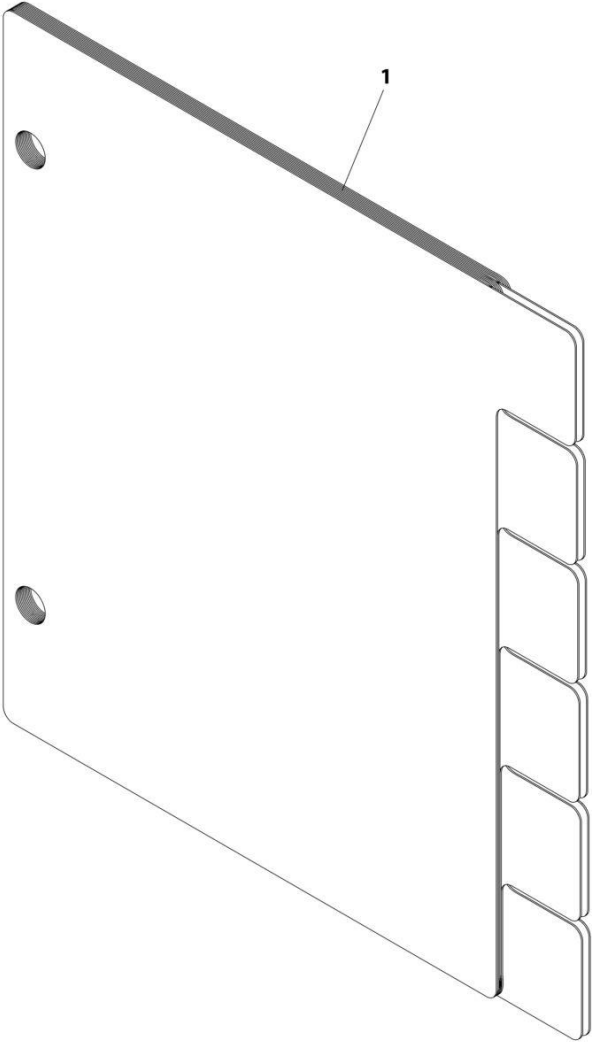
SECTION 11 - DECALS

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)



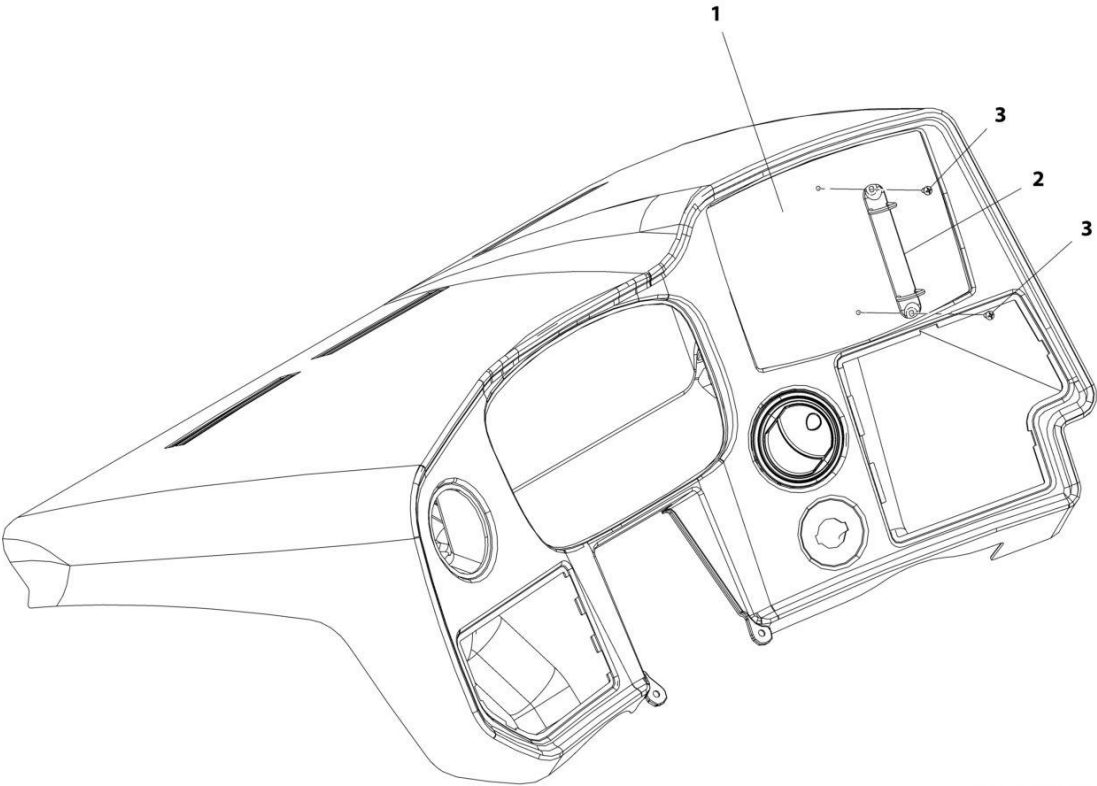
ART_1001263702

FIGURE 11-4. CAPACITY CHART (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001263702	Ref	CAPACITY CHART (ANSI)	

SECTION 11 - DECALS

FIGURE 11-5. CAPACITY CHART HOLDER INSTALLATION



ART_1001178706-A

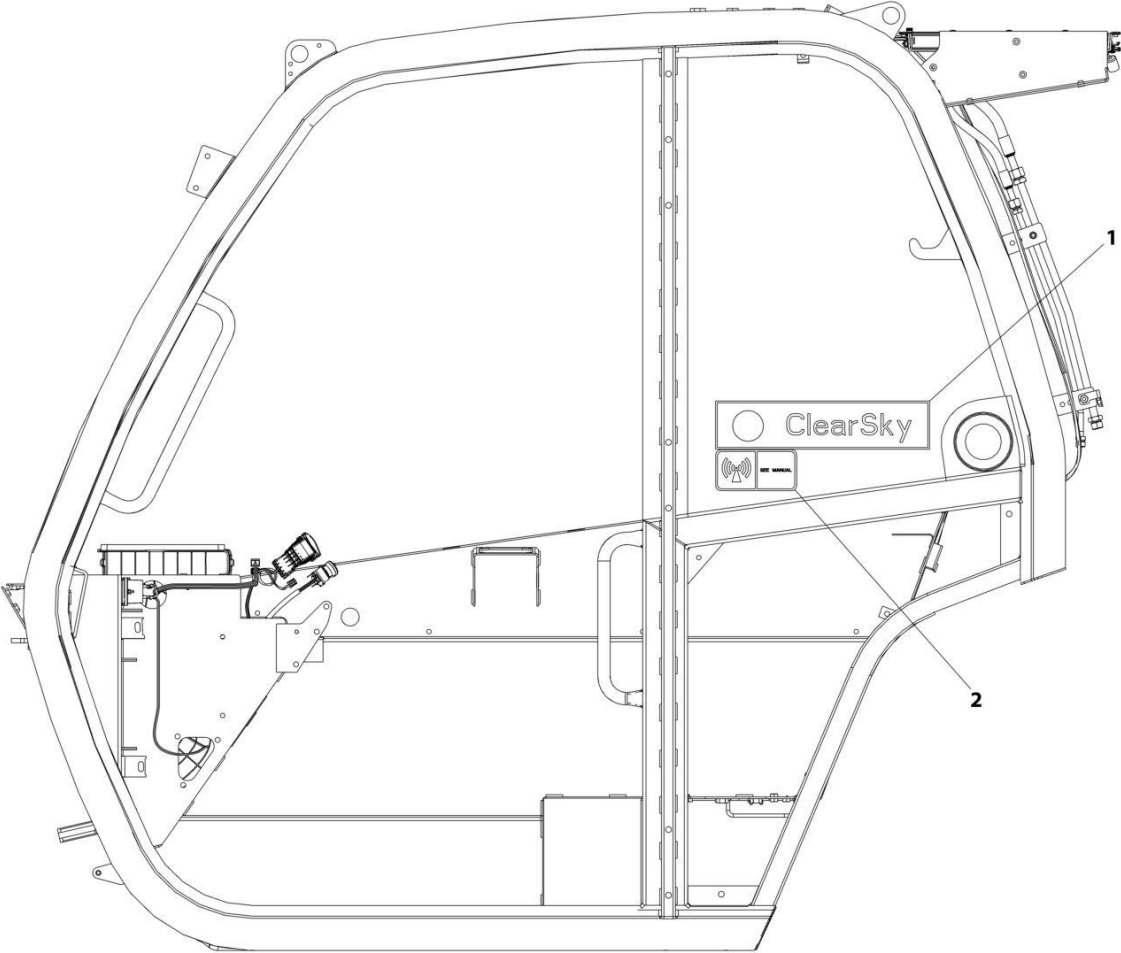
SECTION 11 - DECALS

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. CLEARSKY DECAL INSTALLATION



ART_1001229707

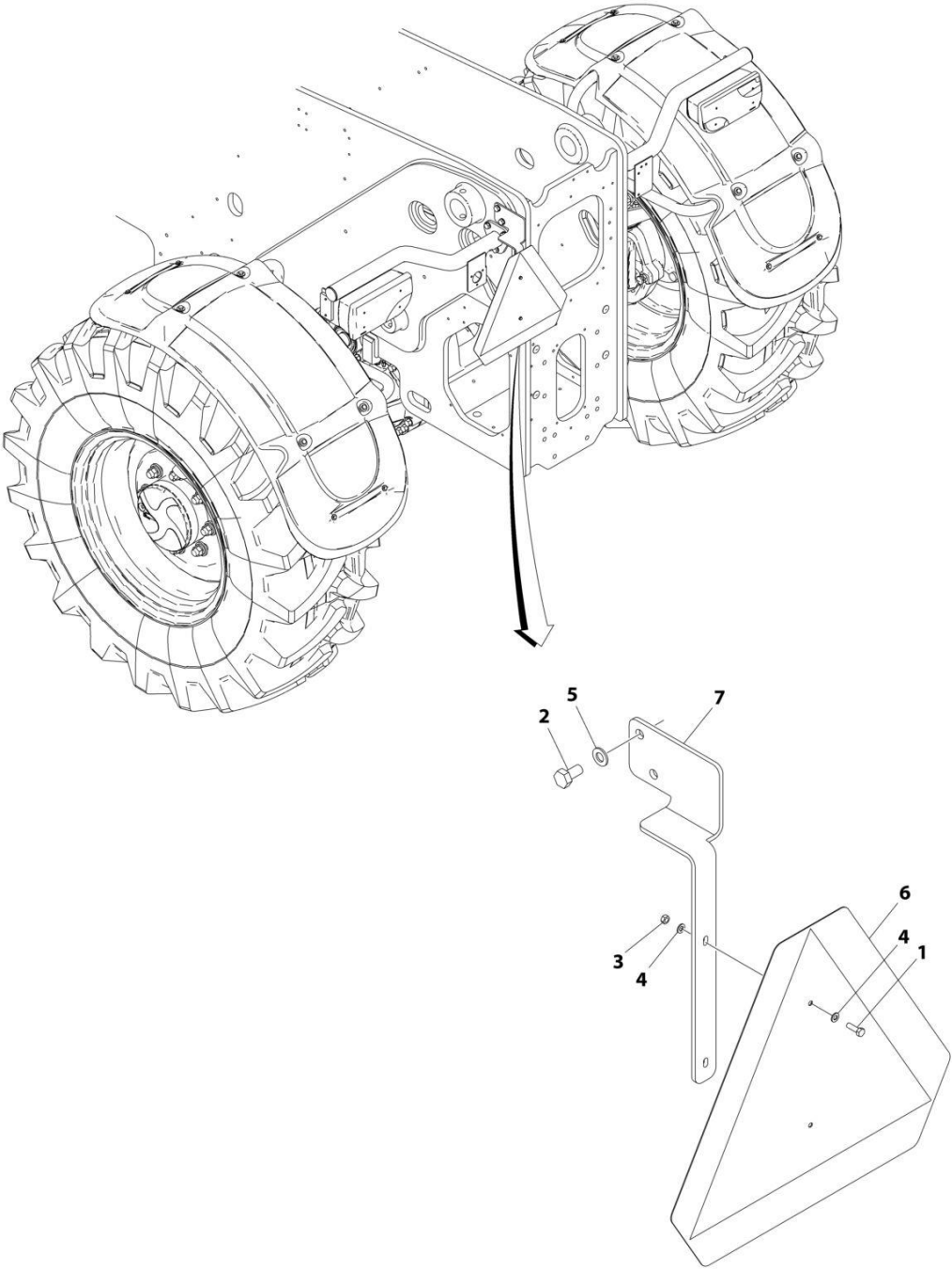
SECTION 11 - DECALS

FIGURE 11-6. CLEARSKY DECAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229707	Ref	Clearsky Decal Installation	C
1	1001294815	1	Decal - ClearSky	
2	1001120989	1	Radio Frequency Decal	

SECTION 11 - DECALS

FIGURE 11-7. TRIANGLE INSTALLATION - SLOW MOVING VEHICLE



ART_1001273005

SECTION 11 - DECALS

FIGURE 11-7. 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)	
	1001264727	Ref	ClearSky Kit	
	70024168	Ref	Coupler Locking Cylinder Seal Kit	
	1001264873	Ref	Filter Kit - Without HVAC (Level 1)	
	1001264874	Ref	Filter Kit - With HVAC (Level 2)	
	1001274892	1	Forward/Reverse Lever Kit - 0 Speed	
	1001265291	Ref	Service Kits	C
	1001264921	Ref	Wear Pad Kit	

PART NUMBER INDEX

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

0240063.....221	0760410.....789	1001001556.....601	1001008804.....287, 611, 615
0240117.....135	0760507 109, 275, 759	1001002946.....423	1001008805 71, 603, 617, 619, 621, 623
0240118.....139	0760508.....855	1001002947.....423	1001008857.....423
0400075.....701	0760512.....479	1001002953.....423	1001008863.....603, 607, 609
0498748.....421	0760605... 263, 421, 561, 567	1001002957.....423	1001008922.....287, 599, 601, 603, 607, 609
0630576.....27, 281	0760607 ... 245, 251, 295, 421	1001003043.....435	1001008923.....603, 711, 795, 797
0641405.....149	0760608.....85, 115, 277, 455, 457, 473, 479, 539, 545, 561, 567, 581, 775, 819	1001003064.....175	1001008926.....753
0641510.....217	0760610.....797, 811	1001003301.....49	1001008988.....421
0700408.....569, 821	0760612.....27, 245	1001003305.....243, 251, 613, 637, 759, 775	1001009038.....85
0700510.....303	0760614.....711	1001003427.....45	1001009062.....81
0700608.....253	0760619.....239	1001003439.....19	1001009105.....175
0700610 23, 27, 281, 285, 291, 307, 455, 457, 573, 753, 801, 803, 805, 807	0760807 607, 609, 615	1001003474.....223	1001009163 49, 289, 345, 347
0700612.....281, 401, 403, 405, 407, 539	0760808... 109, 111, 239, 441, 541, 759	1001003475.....223	1001009207.....71
0700614 77, 79, 217, 245, 285, 512, 753, 787	0760810 ... 25, 27, 29, 31, 33, 35, 37, 39, 71, 97, 245, 251, 253, 291, 295, 443, 483, 485, 495, 499, 507, 512, 529, 533, 541, 561, 583, 603, 613, 623, 633, 759, 801, 821	1001003590 71, 281, 295, 627, 635	1001009375.....759
0700618.....717	0760812 ... 47, 75, 91, 93, 103, 267, 269, 277, 281, 285, 295, 401, 403, 405, 407, 423, 583, 607, 609	1001003596.....583	1001009384.....269
0700620.....71	0760814.....295	1001003809.....571	1001010240.....287
0700810.....613	0760815 245, 423, 603	1001003934.....269	1001010646.....503, 505
0700812.....775	0760816 303, 607, 609	1001004143.....269	1001010647.....503, 505
0700814.....49	0760817.....603	1001004143.....269	1001010648.....503, 505
0700815.....639	0760823.....43, 247	1001004617.....175	1001010649.....503, 505
0700816.....273	0761008.....637	1001004618.....175	1001010650.....503, 505
0700817.....297, 613	0761009.....701, 703	1001004619.....175	1001010838.....81
0700818.....753	0761010 ... 23, 25, 71, 83, 85, 255, 285, 303, 345, 347, 571, 611, 713, 793, 821, 855	1001004620.....175	1001010938.....287
0700819.....603	0761011.....295	1001004640.....581	1001025750.....759
0700820....287, 529, 531, 533	0761012 ... 23, 27, 43, 75, 243, 245, 251, 299, 301, 309, 581, 599, 601, 667, 701, 703, 759, 775, 787, 813	1001004720.....813	1001026104.....243, 309
0700821.....281	0761014 245, 613, 643	1001004723.....775	1001028291.....19
0700823.....295	0761015.....345, 347	1001005038.....469, 471	1001028308.....19
0700824.....581	0761016.....285	1001005193.....469	1001032853.....71
0700826.....253	0761210.....285	1001005262 617, 619, 621	1001033119.....71
0701011.....613	0761214 23, 339, 759	1001005368.....437	1001033120.....269
0701012....269, 287, 613, 627	0761215 43, 233, 629	1001005904 599, 617, 619, 621	1001047062.....421
0701014.....23, 307, 547, 627	0761216 233	1001005960.....851	1001080375.....617, 619, 859
0701015.....787	0761217 23	1001005980.....77, 79	1001090150.....99, 103
0701016....255, 273, 309, 599, 601	0761228.....93	1001005981.....75, 77	1001090343.....435, 467, 523
0701018.....287, 307	0761412.....817	1001006730.....503	1001091126.....19
0701020.....299, 301	0761419.....233	1001006731.....505	1001091313.....193
0701021.....599, 601	0770810.....267, 281	1001006954.....471	1001091715.....787
0701024.....47	0770814.....565	1001006955.....471	1001091716.....787
0701029.....191	0771212.....101, 103	1001008436.....79, 81	1001092008.....395
0701030.....307	0771618.....53	1001008450.....629	1001092009.....397
0701214.....245, 269	0860520.....149	1001008462.....315, 327	1001092122.....299, 301
0701229.....109, 111	0930003.....165	1001008469.....573	1001092298.....107
0701232.....109, 111	0930004.....157	1001008475.....81	1001092481.....143
0701616.....55, 57, 63	0930006.....161	1001008540.....842	1001092482.....143
0701617.....67		1001008559 83, 299, 301, 303, 309, 341, 759, 775, 819	1001092771.....259
0701626.....233		1001008573.....299, 301	1001093171.....215
0701628.....233		1001008574.....251	1001093277.....281
0701630.....91, 233		1001008575.....47	1001093401.....267, 281
0711215.....101		1001008580.....285	1001093826.....119, 161, 193, 219
0711216.....99		1001008586.....613	1001093827.....119, 161, 193, 219
0711217.....101		1001008593 251, 309, 759	1001094555.....157, 161, 165, 185, 187, 189, 193
0711228.....97		1001008626 269, 613	1001094556.....157, 161, 165, 185, 187, 189, 193
0711616.....71		1001008657 269	1001094708.....842
0711631.....95		1001008665 175	1001095301.....599, 601, 667
0712027.....411		1001008719 395, 397	
0712030.....327		1001008720 71, 269, 299, 301, 759	
0712040.....315		1001008742 467	
0750804.....419		1001008761 71, 281, 295, 627, 635	
		1001008773 611	

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001095336..... 755, 859	1001107581..... 179	1001117110..... 763, 777, 781	1001141281..... 443
1001095401..... 309	1001107854..... 721, 723, 724, 743, 777, 778, 781	1001117308..... 753, 757, 859	1001141311..... 523
1001095650..... 401, 403, 405, 407, 459, 461	1001108918..... 617, 619, 621	1001118282..... 763	1001141312..... 437
1001095804..... 735	1001110023..... 599, 617, 619, 621, 673	1001118323..... 782	1001141313..... 523
1001095810..... 149	1001110115..... 617	1001118379..... 723, 777, 782	1001141596..... 701
1001096019..... 145	1001110544..... 787	1001118384..... 722, 723, 724, 725	1001142285..... 395
1001096020..... 145	1001110849..... 67, 69	1001118386..... 724	1001142286..... 395
1001096021..... 147	1001111076..... 545	1001118387..... 724, 725	1001142287..... 395
1001096023..... 147	1001111147..... 527, 545	1001118392..... 778	1001142288..... 397
1001096024..... 145	1001111317..... 419, 429	1001118684..... 723	1001142289..... 397
1001096025..... 147	1001111424..... 757	1001119220..... 307	1001142290..... 397
1001096365..... 423	1001112612..... 722, 724	1001119467..... 499	1001142658..... 51
1001096726..... 105	1001112796..... 829, 833	1001120501..... 613	1001142659..... 51
1001096870..... 97, 105	1001114787..... 111, 651	1001120989..... 853	1001143200..... 439
1001096913..... 787	1001114802..... 313	1001121021..... 711	1001143857..... 581
1001097051..... 733	1001116128..... 527, 813	1001121127..... 637	1001144147..... 733, 763, 827
1001097205..... 215	1001116686..... 782	1001125117..... 99, 101, 103	1001144296..... 725
1001097244..... 455, 457	1001116696..... 778	1001125387..... 842	1001144629J..... 149
1001097287..... 161, 165	1001116697..... 721	1001125466..... 267, 281	1001145204..... 265, 859
1001097540..... 27, 543	1001116698..... 721, 724	1001125677..... 725, 766	1001145300..... 701, 703
1001097586..... 435	1001116700..... 722, 747	1001126008..... 724, 764, 777, 781	1001145444..... 651
1001098146..... 109, 111	1001116701..... 765	1001126011..... 724	1001145539..... 512
1001098147..... 109, 111	1001116716..... 722	1001126245..... 764	1001146588..... 71, 243, 285, 297, 617, 619, 621, 711, 717, 759, 775, 795, 797, 813
1001098150..... 448	1001116720..... 741	1001126353..... 765	1001146901..... 527
1001098457..... 97, 109, 111	1001116723..... 722, 723, 724	1001126362..... 764	1001146949..... 591
1001098629..... 55, 57, 59	1001116725..... 764	1001126391..... 764, 765	1001147060..... 819
1001098630..... 63, 65	1001116726..... 764	1001126393..... 764, 765	1001147449..... 448, 451
1001100442..... 105	1001116727..... 721	1001126485..... 763, 764, 765	1001147657..... 99, 101, 103
1001100845..... 401, 403	1001116728..... 725, 799	1001126487..... 763, 764	1001147731..... 99, 101, 103
1001101041..... 119, 151, 219, 599, 601, 617, 619, 621, 623	1001116731..... 827	1001126837..... 713, 811	1001148103..... 101, 103
1001101042..... 119, 151, 219, 599, 601, 617, 619, 621, 623	1001116732..... 763	1001127728..... 397	1001148147..... 101, 103
1001101063..... 609	1001116734..... 763	1001128127..... 781	1001148841..... 764
1001101064..... 607	1001116747..... 743	1001128128..... 763	1001148842..... 764
1001101563..... 341	1001116748..... 723	1001128478..... 49, 289, 345, 347, 859	1001149278..... 448, 451
1001102502..... 785, 859	1001116753..... 723	1001130198..... 243, 759	1001149308..... 293
1001102750..... 842	1001116754..... 723	1001130323..... 842	1001149375..... 291, 293
1001103012..... 721	1001116763..... 743	1001132564..... 448	1001149376..... 293, 859
1001103156..... 713	1001116810..... 781	1001133690..... 273	1001149923..... 109
1001103201..... 152	1001116811..... 763	1001133714..... 762, 765	1001150294..... 501
1001103300..... 713	1001116812..... 721, 762, 763, 764, 781, 782, 827, 829	1001133715..... 762, 764, 765	1001150611..... 781
1001103530..... 193	1001116815..... 725, 766	1001133793..... 273	1001150735..... 723
1001103531..... 151	1001116950..... 762, 765, 782	1001134274..... 713	1001150737..... 723
1001103533..... 193	1001116984..... 724	1001135245..... 297	1001151257..... 613
1001103640..... 623	1001116985..... 724	1001135650..... 762, 764, 765	1001152378..... 241
1001104437..... 583	1001116986..... 724	1001136999..... 724	1001152729..... 269
1001104477..... 617, 671	1001116991..... 722, 741	1001137000..... 724	1001152915..... 419
1001104498..... 725, 777	1001116995..... 723, 725, 777, 782, 837	1001137512..... 213	1001152940..... 267, 281
1001104519..... 722	1001116996..... 778	1001137578..... 765	1001152947..... 419
1001104646..... 599, 601	1001116997..... 723	1001138116..... 764	1001153748..... 641, 685
1001104654..... 735, 859	1001116998..... 724, 725	1001138645..... 239, 759	1001153862..... 97, 99
1001104685..... 299, 301	1001116999..... 722, 741	1001139034..... 267, 281	1001153863..... 97, 101
1001104934..... 639	1001117011..... 747	1001139551..... 523	1001153864..... 97, 103
1001104958..... 151	1001117021..... 743	1001139552..... 437	1001154174..... 99, 101, 103
1001105260..... 101	1001117064..... 723	1001139568..... 437	1001154176..... 101, 103
1001105639..... 611	1001117079..... 723	1001140296..... 285	1001154688..... 23
1001105643..... 611	1001117081..... 722, 723, 724	1001141246..... 423	1001155228..... 417, 421
1001106570..... 53	1001117108..... 777, 782		1001155410..... 97
1001106930..... 151	1001117109..... 763, 782		1001155441..... 107
1001107192..... 421			1001155446..... 411
1001107336..... 179			1001155447..... 415, 443
1001107338..... 179, 181, 183			1001155486..... 523
			1001155823..... 299, 301
			1001155958..... 97

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001155959.....97	1001161957.....781	1001167620.....765	1001170718.....525
1001155960.....97	1001161958.....777	1001167621.....765	1001170944.....423
1001156265.....581	1001161959.....721	1001167622.....765	1001170984.....111
1001157890.....782	1001161963.....781	1001167623.....765	1001170993.....475
1001157891.....777	1001161964.....777	1001167624.....765	1001171000.....307
1001158146.....735	1001162636.....109	1001167625.....765	1001171037.....431
1001158596.....483, 485	1001162659.....49, 858	1001167629.....765	1001171390.....109, 111
1001158736C.....495	1001162662.....49, 858	1001167630.....764, 765	1001171392.....111
1001159028.....557, 559, 858	1001162767.....49	1001167631.....764	1001171635.....431
1001159728.....845, 847	1001162886.....722	1001167634.....763	1001171756.....479
1001159734.....735, 859	1001162887.....722	1001167635.....764	1001171767.....475
1001159735.....735, 859	1001162920.....561	1001167636.....762	1001171782.....27
1001159736.....523, 859	1001162922.....561	1001167773.....303	1001171874.....561
1001159737.....735, 859	1001162953.....512, 515	1001167822.....801	1001171913.....245
1001159738.....705, 859	1001162974.....655	1001167823.....805	1001171959.....245
1001159739.....795, 797, 859	1001162979.....581	1001167937.....427	1001172035.....842
1001159741.....735, 859	1001163103.....101	1001167958.....421, 427	1001172088.....561
1001159742.....815, 859	1001163340.....722	1001167981.....415, 448	1001172094.....561
1001159745.....609, 859	1001163387.....233	1001168030.....269	1001172146.....47
1001159748.....735, 859	1001163639.....735, 859	1001168142.....581	1001172147.....47
1001159845.....801, 803, 805, 807, 859	1001164053.....341	1001168151.....581	1001172193.....419, 429
1001159846.....801, 803, 805, 807, 859	1001164402.....753, 755	1001168152.....415, 417	1001172295.....103
1001159849.....735, 859	1001164655.....441	1001168272.....247	1001172321J.....99
1001159925.....507, 512, 859	1001164726.....421	1001168327.....512	1001172401.....415, 445
1001160326.....512, 859	1001165194.....765	1001168330.....512	1001172402.....101
1001160496.....529	1001165269.....479, 481	1001168331.....512	1001172547.....507, 512, 859
1001160498.....721	1001165270.....479	1001168456.....512	1001172550.....507, 512
1001160499.....777	1001165273.....481	1001168531.....495, 747	1001172553.....507, 512
1001160500.....781	1001165275.....423	1001168727.....285	1001172693.....45
1001160502.....721	1001165276.....429	1001168758.....27	1001172774.....533
1001160503.....529, 533	1001165309.....781	1001169048.....95	1001172886.....109, 111
1001160506.....531	1001165310.....782	1001169049.....95	1001172894.....596, 641
1001160509.....777, 781	1001165311.....777	1001169135.....495, 497	1001172900.....596, 627
1001160510.....777, 781	1001165327.....481	1001169146.....251, 759, 813	1001172909.....596, 611
1001160730.....813, 859	1001165351.....467	1001169151.....512, 743	1001173023.....596, 605
1001160775.....845	1001165416.....467	1001169216.....233	1001173257.....531
1001161067.....453	1001165455.....467	1001169268.....585, 859	1001173298.....421
1001161068.....448	1001165458.....455, 457, 467	1001169354.....577, 579	1001173411.....722
1001161078.....549	1001165573.....483, 487	1001169355.....579	1001173418.....615
1001161080.....549	1001165637.....443	1001169367.....579	1001173425.....527
1001161095.....721, 777, 781	1001165789.....273, 275	1001169424.....233	1001173641.....417, 419
1001161097.....721	1001166385.....545	1001169454.....43	1001173771.....667, 669
1001161098.....721, 781	1001166541.....764	1001169603.....448	1001173829.....789
1001161099.....721, 777, 781	1001166543.....764	1001169604.....448, 451	1001173965.....448
1001161100.....721, 777, 781	1001166551.....765	1001169674.....845, 847	1001174295.....421, 433
1001161101.....721, 777, 781	1001166555.....765	1001169751.....577	1001174320.....419
1001161252.....537	1001166556.....764, 765	1001169763.....585	1001174321.....423
1001161253.....535	1001166565.....255, 257	1001169825.....753	1001174328.....27
1001161499.....415, 557	1001166634.....423, 429	1001169880.....429	1001174557.....103
1001161672.....581	1001166701.....764	1001169883.....431	1001174567.....571, 573
1001161769.....717, 727	1001166704.....765	1001169885.....431	1001174652.....451
1001161770.....717, 729	1001166707.....762	1001169918.....245	1001174653.....451
1001161771.....717, 731	1001166715.....255	1001170106.....45	1001174655.....451
1001161851.....451	1001166754.....411	1001170113.....431	1001174712.....735, 860
1001161855.....448	1001166755.....411	1001170113J.....429	1001174741.....539
1001161896.....581	1001166774.....764, 765	1001170114.....421, 429	1001174795.....249
1001161897.....581	1001167004.....587	1001170231.....561	1001174800.....539
1001161898.....581	1001167015.....525, 527	1001170326.....477	1001174801.....539
	1001167017.....821	1001170366.....413, 473	1001174879.....339
	1001167212.....703	1001170504.....448	1001174880.....339
	1001167266.....515, 517	1001170514.....453	1001174881.....339
	1001167356.....307	1001170518.....448	1001175019.....657, 659
	1001167408.....303	1001170519.....448, 453	1001175020.....97, 655
	1001167528.....765	1001170601J.....421	1001175201.....247
	1001167615.....765	1001170603.....417, 439	1001175225.....95
	1001167616.....764	1001170716.....525	1001175265.....764

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001175266..... 777, 781	1001178474..... 43	1001181161..... 617, 619,	1001183274 55, 57, 63
1001175309..... 229	1001178526..... 109	621, 623	1001183297 795, 797,
1001175320..... 277, 279	1001178622..... 231	1001181170..... 611	799
1001175470..... 477	1001178678..... 417, 435	1001181411..... 437	1001183347 239
1001175471..... 473, 475	1001178679..... 435, 437	1001181455..... 603	1001183357 299, 301
1001175477..... 421	1001178680..... 437	1001181531..... 785	1001183460 91
1001175553..... 229, 235	1001178681..... 437	1001181559..... 347, 351	1001183461 93
1001175555..... 231, 237	1001178693..... 43	1001181726..... 448, 455,	1001183550 453
1001175661..... 103	1001178706..... 851	457	1001183580 603
1001175733..... 825	1001178725..... 307	1001181784..... 605	1001183590 27
1001175746..... 97	1001178729..... 83	1001181920..... 439	1001183596 819
1001175747..... 97	1001178749..... 307, 309	1001181921..... 439, 823	1001183597 461
1001175749..... 97	1001178783..... 745	1001181927..... 589	1001183676 115
1001175751..... 97	1001178791..... 247	1001181928..... 591	1001183745 233
1001175753..... 97	1001178826..... 553	1001181945..... 603	1001183831 255
1001175754..... 93	1001179008..... 551, 553	1001181946..... 603	1001183838 753
1001175776..... 823, 825	1001179009..... 551, 553	1001181951..... 229, 231,	1001183888 801
1001175853..... 99	1001179041..... 607	273	1001183890 801
1001175898..... 91	1001179054..... 623	1001182037..... 229, 231,	1001183908J 33
1001175903..... 448	1001179056..... 619	263	1001183909J 39
1001175911..... 101	1001179058..... 617	1001182049..... 711	1001183910J 39
1001176002..... 765	1001179059..... 835	1001182066..... 603	1001183956 281
1001176004..... 765	1001179080..... 515	1001182111..... 267	1001183958 295
1001176121..... 473, 477	1001179081..... 515	1001182112..... 265, 267	1001183959 605
1001176140..... 539	1001179130..... 515, 519	1001182123..... 439	1001183983 629, 631
1001176257..... 539	1001179197..... 703	1001182139..... 439	1001183990 605
1001176272..... 439	1001179221J..... 701, 703	1001182193..... 267	1001184041 185
1001176273..... 439	1001179297..... 851	1001182210..... 27	1001184043 187
1001176313..... 643	1001179482..... 545	1001182213..... 281, 675	1001184045 189
1001176318..... 539	1001179483..... 545	1001182217..... 759	1001184062 265, 277
1001176323..... 73	1001179484..... 459	1001182218..... 759	1001184099 285
1001176333..... 723	1001179585..... 703	1001182219..... 759	1001184120 265, 285
1001176338..... 745	1001179586..... 701, 703	1001182231..... 627	1001184128 285
1001176407..... 97, 107	1001179861..... 303	1001182235..... 229, 231,	1001184129 285
1001176426..... 97	1001179864..... 265, 291	241	1001184280 521
1001176437..... 97	1001179895..... 543	1001182330..... 541	1001184296 509, 521
1001176439..... 97	1001179898..... 543	1001182450..... 265	1001184297 509, 521
1001176626..... 439	1001179907..... 239	1001182452..... 295	1001184403 519
1001176882..... 107	1001179910..... 303, 305	1001182453..... 295	1001184404 519
1001176942..... 93	1001179937..... 713	1001182529..... 495, 497	1001184405 519
1001176964..... 41	1001180045..... 467	1001182582..... 229, 231,	1001184406 519
1001176965..... 41, 43	1001180134..... 596, 639	233	1001184422 647, 707,
1001176966..... 41, 47	1001180196..... 55	1001182647..... 231, 347	709
1001177048..... 575	1001180198..... 63	1001182650..... 759	1001184423 115
1001177049..... 575	1001180202..... 57	1001182651..... 759	1001184427 521
1001177050..... 575	1001180206..... 67	1001182652..... 759	1001184439 421
1001177051..... 575	1001180207..... 53	1001182654..... 759	1001184445 295
1001177052..... 575	1001180263..... 531, 533	1001182735..... 229, 231,	1001184473 724, 741
1001177053..... 571, 575	1001180267..... 701	239	1001184479 724, 741
1001177060..... 47	1001180328..... 251	1001182763..... 71	1001184482 605
1001177062..... 47	1001180418..... 583	1001182793..... 603	1001184507 115
1001177082..... 47	1001180472..... 571	1001182824..... 245	1001184517 613
1001177464..... 537	1001180529..... 795	1001182834..... 448	1001184518 613
1001177597..... 725, 766,	1001180574J..... 29	1001182839..... 811	1001184524 23
859	1001180593..... 309	1001182881..... 263	1001184530 643
1001177638..... 313, 339	1001180682..... 745	1001182885..... 263	1001184531 596, 643
1001177670..... 97	1001180683..... 745	1001182886..... 263	1001184609 279, 295
1001177851..... 345, 349	1001180809..... 639	1001182929..... 759, 769	1001184610 111
1001177863..... 229, 231,	1001180810..... 639	1001182930..... 759, 771	1001184632 842
629	1001180811..... 639	1001182935..... 297	1001184800 295
1001177870..... 339	1001180850..... 633	1001182949..... 267, 271	1001184839 835, 837
1001178053..... 789, 791	1001180855..... 633	1001182950..... 281, 283	1001184856 97, 711
1001178123..... 467	1001181008..... 611	1001182994..... 277	1001184955 265, 295
1001178159..... 419	1001181016..... 611	1001182995..... 277	1001184975 535
1001178160..... 419	1001181017..... 615	1001183076..... 265, 287	1001185023J 23
1001178170..... 512	1001181019..... 611	1001183125..... 299, 301	1001185061 23
1001178439..... 229, 345		1001183149..... 299, 301	1001185210 281

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001185248.....57, 61	1001188855.....307	1001192946.....657	1001197639.....773
1001185282.....281	1001188856.....307	1001193210.....429	1001197641.....289
1001185337.....265, 281	1001189023.....521	1001193421.....643	1001197653.....289
1001185351.....596, 637	1001189024.....521	1001193513.....639	1001197654.....289
1001185375.....229, 231, 759	1001189025.....509, 521	1001193514.....639	1001197821.....229, 231, 243
1001185633.....541	1001189048.....521	1001193515.....639	1001197945.....155
1001185809.....735	1001189054.....521	1001193540.....217	1001198331.....607, 609
1001185845.....541	1001189099.....109, 111	1001193551.....245	1001198355.....217
1001185848.....541	1001189182.....448	1001193729.....217	1001198836.....71, 859
1001185864.....265, 297	1001189338.....703	1001193735.....307	1001198924.....547
1001185870.....448	1001189339.....703	1001193993.....753	1001198932.....773, 859
1001185871.....287	1001189475.....113	1001194421.....725	1001198958.....547
1001185936.....27	1001189476.....113	1001195004.....573	1001199299.....711
1001186170.....603, 647, 707	1001189480.....107	1001195207.....571	1001199380.....862
1001186359.....71	1001189569.....787, 789	1001195210J.....23	1001199381.....862
1001186370.....295	1001189586.....233	1001195240J.....23	1001199382.....862
1001186392.....71	1001189884.....285	1001195252J.....23	1001199403.....269
1001186395.....77	1001189888.....663	1001195254.....573	1001199670.....253
1001186439.....79	1001189898.....735, 859	1001195342.....517	1001199935.....809, 813
1001186565.....801, 805	1001189984J.....27	1001195343.....517	1001200206.....827
1001186567.....801, 805	1001189997.....823, 859	1001195345.....517	1001200218.....617, 619
1001186574.....343	1001190225.....821	1001195346.....517	1001200538.....803
1001186646.....85	1001190227.....823	1001195385.....517	1001200539.....807
1001186693.....753	1001190396.....791	1001195386.....517	1001200633.....613, 859
1001186699.....115	1001190408.....27	1001195437.....517	1001200688.....705
1001186849.....265, 289	1001190541.....343	1001195438.....517	1001200694.....535
1001186895.....115	1001190542.....315	1001195443.....285	1001200696.....99
1001186896.....115	1001190589.....735	1001195518.....233	1001200815.....631, 665
1001187070.....771	1001190921.....766	1001195559.....225	1001200908.....295
1001187077.....771	1001191091.....433	1001195587.....25	1001200968.....527
1001187078.....827	1001191229.....842	1001195741.....639	1001201027.....413, 479
1001187081.....827	1001191281.....455, 457, 459	1001195742.....639	1001201070.....725
1001187276.....265, 269	1001191282.....459	1001195829.....21, 23	1001201161.....415
1001187277.....269	1001191283.....455, 457, 461	1001195855.....842	1001201162.....415, 831
1001187355.....627	1001191284.....455, 457, 463	1001195878.....419	1001201205.....621
1001187413.....561, 563, 858	1001191285.....455	1001196002.....633	1001201207.....537
1001187712.....269	1001191310.....461	1001196268.....603	1001201245.....607
1001187717.....27	1001191311.....463	1001196289.....831, 833	1001201251.....467
1001187851.....713	1001191312.....463	1001196442.....603	1001201331.....507
1001187852.....713	1001191313.....463	1001196531.....413, 415	1001201336.....512
1001187853.....713	1001191370.....455, 457	1001196587.....239	1001201338.....415, 737
1001188204.....233	1001191508.....267, 281	1001196661.....637	1001201499.....567
1001188262.....415, 561	1001191521.....47, 49	1001196723.....633	1001201500.....569
1001188407.....291	1001191533.....49	1001196751.....177	1001201501.....567, 569
1001188413.....71	1001191621.....91, 97	1001196787.....637	1001201504J.....27
1001188548.....599, 601	1001191808.....27	1001196806.....842	1001201520.....415, 467
1001188590.....507, 512	1001191959.....463	1001196876J.....23	1001201766.....245
1001188592.....521	1001192124.....45	1001197090.....599	1001201805J.....23
1001188594.....509, 521	1001192125.....43, 45	1001197093.....601	1001201811.....245
1001188602.....509, 521	1001192142.....753, 859	1001197130.....315, 327	1001201823.....245
1001188603.....509, 521	1001192240.....459	1001197135.....23	1001201869.....842
1001188604.....509, 521	1001192309.....421	1001197139.....561, 565	1001201929.....245
1001188610.....509, 521	1001192392.....45	1001197212.....97, 603	1001201930.....245
1001188612.....509, 521	1001192411.....297	1001197259.....549	1001201933.....245
1001188614.....509, 521	1001192643.....425	1001197266.....23	1001201943.....637
1001188618.....521	1001192644.....427	1001197275.....51	1001201951.....571, 858
1001188619.....521	1001192646.....421	1001197281.....603	1001202086.....413
1001188720.....509, 521	1001192711.....217	1001197300.....603	1001202120.....277
1001188722.....71	1001192720.....217	1001197301.....603	1001202135.....643
1001188725.....509, 521	1001192766.....421, 425	1001197302.....603	1001202177.....623
1001188729.....509, 521	1001192836.....83	1001197303.....603	1001202249.....287
1001188733.....509	1001192875.....217	1001197360.....43	1001202288.....823
1001188817.....521	1001192876.....217	1001197430.....281	1001202293.....821
1001188818.....521	1001192877.....217	1001197479.....109, 111	1001202316.....115
		1001197500.....603	1001202328.....287
		1001197598.....197	1001202329.....287
		1001197638.....289	

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001202376.....	287	1001204535.....	113	1001213883.....	603	1001221659.....	607, 609
1001202421.....	751, 859	1001204709.....	553	1001213988.....	717	1001221660.....	607
1001202430.....	751	1001204731.....	613	1001214036J.....	37	1001221665.....	607, 609
1001202445.....	287	1001204841.....	243	1001214092.....	443	1001221952.....	611
1001202473.....	299, 301	1001205041.....	243	1001214206.....	842	1001221953.....	611
1001202474.....	299, 301	1001205061.....	561, 567	1001214280.....	589, 591, 859	1001222187.....	245
1001202476.....	299	1001205080.....	25	1001214281.....	717	1001222188.....	45
1001202477.....	299, 301	1001205172.....	766, 858	1001214399.....	601	1001222190.....	45
1001202478.....	299, 301	1001205514.....	499	1001214401.....	811	1001222573.....	267, 281
1001202480.....	299, 301	1001205532.....	421, 423	1001214492.....	37	1001222603.....	587, 858
1001202519.....	831	1001205551.....	285	1001214572.....	73	1001222741.....	423
1001202617.....	831	1001205648.....	495	1001214686.....	723	1001223265.....	535
1001202643.....	297	1001205782.....	499	1001214687.....	723	1001223453.....	842
1001202653.....	287	1001206120.....	239	1001214868.....	115	1001223455.....	723
1001202654.....	287	1001206173.....	119	1001214881.....	115	1001223968.....	785
1001202921.....	299, 301	1001206557.....	71	1001214882.....	115	1001224143.....	637
1001202922.....	269	1001206558.....	71	1001215022.....	289	1001224144.....	637
1001203009.....	285	1001206669.....	223	1001215023.....	289	1001224447.....	637
1001203012.....	297	1001206671.....	219	1001215024.....	289	1001224476.....	639
1001203014.....	287	1001207486.....	251	1001215319.....	249	1001225177.....	419
1001203015.....	759	1001207522.....	615	1001215531.....	423	1001225213.....	245
1001203025.....	269	1001207523.....	615	1001215804.....	469	1001225382.....	793
1001203027.....	285	1001207525.....	633	1001215988.....	163	1001225386.....	793
1001203028.....	285	1001207594.....	809, 811	1001215990.....	167	1001225414.....	817
1001203039.....	287	1001208035.....	609	1001215992.....	169	1001225423.....	639
1001203173.....	287	1001208037.....	701, 703	1001215994.....	171	1001225432.....	235, 237
1001203178.....	269	1001208308.....	448	1001215996.....	173	1001225619.....	83
1001203291.....	39	1001208518.....	415, 785	1001216001.....	159	1001225658.....	793
1001203313.....	97, 657	1001209097.....	763	1001216003.....	209	1001226096.....	289
1001203374.....	33	1001209463.....	545	1001216163.....	599, 601	1001226101.....	599, 601
1001203386.....	29	1001209899.....	439	1001216232.....	599, 601	1001226481.....	751
1001203402.....	35	1001210022.....	245	1001216813.....	255	1001226636.....	827
1001203406.....	31	1001210417.....	341	1001216854.....	243	1001226637.....	827
1001203408J.....	35	1001210431.....	341	1001216855.....	243	1001226722.....	71, 677
1001203410.....	31	1001210432.....	341	1001216867.....	295	1001226776.....	599, 601
1001203503.....	217	1001210628.....	415, 469	1001216923J.....	27	1001226777.....	599, 601
1001203640.....	803, 807	1001210961.....	797	1001216974.....	483, 485, 495, 499	1001226778.....	599, 601
1001203825.....	309	1001210962.....	797	1001217179.....	701	1001227090.....	307
1001203826.....	309	1001211357.....	745	1001217333.....	285	1001227186.....	419
1001203882.....	759	1001211452.....	609	1001217550.....	19	1001227187.....	429
1001203922.....	607, 609	1001211693.....	717	1001217623.....	705	1001227188.....	429
1001204060.....	807	1001211897.....	211	1001218495.....	711	1001227229.....	101
1001204066.....	423	1001211907.....	448	1001218542.....	507, 512	1001227287.....	842
1001204115.....	423	1001212011.....	433	1001218542.....	507, 512	1001227357.....	441
1001204120.....	423	1001212047.....	551	1001218659.....	842	1001227653.....	341
1001204124.....	647, 707	1001212049.....	551	1001218856.....	415, 465	1001227802.....	421
1001204128.....	121	1001212369.....	443	1001218996.....	507, 512	1001227974.....	637
1001204129.....	123	1001212468.....	455, 457	1001219076.....	448	1001228929.....	269
1001204130.....	125	1001212590.....	395	1001219182.....	345, 347	1001228930.....	269
1001204131.....	127	1001212591.....	395	1001219212.....	842	1001228931.....	269
1001204132.....	129	1001212598.....	397	1001219220.....	439	1001228989.....	797, 803, 807
1001204133.....	131	1001212599.....	397	1001219810.....	281	1001229063.....	269
1001204134.....	133	1001212906.....	255	1001219864.....	535	1001229068.....	269
1001204301.....	303	1001212948.....	285	1001219865.....	535	1001229084.....	609
1001204302.....	303	1001212949.....	285	1001220540.....	411	1001229087.....	581
1001204373.....	303	1001212956.....	299, 301	1001220639.....	635, 681	1001229093.....	287
1001204374.....	71	1001213006.....	241	1001221020.....	633	1001229223.....	607, 609
1001204375.....	71	1001213020.....	603	1001221027.....	633	1001229314.....	609
1001204420.....	599, 601, 667	1001213031.....	615	1001221057.....	521	1001229319.....	419
1001204421.....	599, 601	1001213331.....	423	1001221058.....	521	1001229534.....	415, 581
1001204427.....	599, 601	1001213748.....	667	1001221059.....	507, 512	1001229543.....	421
1001204428.....	599, 601	1001213752.....	811	1001221255.....	573	1001229596.....	609
1001204437.....	599, 601	1001213771.....	599, 601	1001221259.....	512	1001229707.....	853
1001204518.....	71	1001213772.....	599, 601	1001221295.....	507	1001230163.....	433
1001204528.....	803	1001213791.....	421	1001221318.....	811	1001230194.....	613, 687
1001204530.....	803	1001213829.....	601	1001221319.....	811		
		1001213871.....	599				

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001230411.....	295	1001254357.....	299, 301	1001265815.....	635	1001274914.....	625, 649
1001230435.....	415, 441	1001256274.....	245	1001267963.....	625, 661	1001276011.....	603
1001230622.....	703	1001256275.....	299	1001267977.....	651, 653	1001276694.....	97, 663
1001231388.....	255	1001256277.....	245, 247	1001268341.....	862	1001276753.....	845
1001231389.....	255	1001256278.....	245, 251	1001268384.....	749	1001276754.....	845
1001231390.....	255	1001256335.....	89	1001268553.....	749, 827	1001277385.....	625
1001231397.....	721	1001256336.....	89, 91	1001268828.....	507, 509	1001277894.....	603
1001231399.....	721	1001256337.....	89, 93	1001268829.....	739	1001278028.....	713
1001231400.....	725	1001256338.....	89, 95	1001268830.....	739, 741	1001279165.....	847
1001231404.....	725	1001256360.....	313	1001268832.....	512, 521	1001280471.....	485, 489
1001231731.....	259	1001256366.....	313, 315	1001268851.....	775	1001283175.....	457
1001231732.....	261	1001256367.....	313, 327	1001268889.....	243, 269, 287	1001283711.....	759
1001231750.....	261	1001256369.....	787	1001269021.....	596, 635	1001285007.....	717, 721
1001231801.....	842	1001256381.....	299, 301	1001269248.....	561	1001288070.....	499
1001232651.....	613	1001256382.....	299, 301	1001269407.....	596, 633	1001288631.....	847
1001235451.....	613	1001256383.....	299, 301	1001269410.....	613	1001289374.....	847
1001236402.....	589	1001256384.....	299, 301	1001269411.....	633	1001289375.....	847
1001236404.....	587	1001256410.....	253	1001269555.....	509, 521	1001289376.....	847
1001236622.....	725	1001256433.....	19	1001269556.....	509, 521	1001289377.....	847
1001237054.....	615	1001256434.....	19	1001269558.....	509, 521	1001289378.....	847
1001237897.....	249	1001256563.....	245, 253	1001269559.....	509, 521	1001290666.....	817
1001238460.....	53	1001256644.....	243	1001269560.....	509, 521	1001293727.....	613
1001238470.....	299, 301	1001256834.....	759, 762	1001269561.....	509, 521	1001294815.....	853
1001238560.....	149, 217	1001257142.....	229, 231, 255	1001269563.....	509, 521	1001310831.....	615
1001238565.....	143, 145, 147, 149	1001257263.....	201	1001269564.....	509, 521	1060379.....	149
1001238566.....	217	1001257265.....	203	1001269578.....	521, 859	1062255.....	243, 251, 269, 285, 287, 303, 309, 599, 601, 607, 609, 613, 617, 619, 633, 637, 749, 759
1001238570.....	217	1001257317.....	199	1001269579.....	521	10732931.....	679
1001238653.....	143	1001257318.....	207	1001269627.....	75	10837926.....	679
1001238654.....	147	1001257327.....	205	1001269628.....	75	10837928.....	679
1001238655.....	145	1001257330.....	581	1001269720.....	613	10837929.....	679
1001239878.....	251	1001257348.....	589, 860	1001269721.....	613	10837929.....	679
1001239879.....	251	1001257413.....	25	1001269722.....	613	10837937.....	679
1001241308.....	425	1001257414.....	21, 25	1001269723.....	613	1170002.....	191
1001241674.....	53, 55, 57, 63, 67	1001257415.....	21	1001269724.....	613	120034.....	717
1001241883.....	627, 679	1001257425.....	809	1001270117.....	477	1320239.....	269
1001241950.....	587	1001257426.....	809, 815	1001270167.....	315, 322	1670836.....	605
1001242098.....	599, 601, 858	1001258342.....	527	1001270170.....	327, 335	1671326.....	527
1001242650.....	787	1001258627.....	596	1001270180.....	717	1701500.....	842
1001243343.....	527	1001258737.....	845	1001270466.....	717, 859	1701509.....	149
1001243433.....	399, 401	1001259144.....	181	1001270467.....	753, 858	1702773.....	143, 145, 147
1001243434.....	401	1001259146.....	183	1001270468.....	753, 858	1704277.....	149
1001243435.....	399, 403	1001260973.....	301	1001270599.....	603	1704885.....	143, 145, 147
1001243436.....	403	1001260974.....	301	1001270857.....	607, 609	1706296.....	842
1001244192.....	803, 807	1001261091.....	633	1001270976.....	507, 512	1706299.....	842
1001244193.....	803, 807	1001261092.....	633	1001271129.....	607, 609	1706300.....	842
1001244593.....	787	1001262322.....	749, 859	1001271338.....	25	1706301.....	842
1001244594.....	787	1001262326.....	749	1001271363.....	415, 717	1706302.....	217, 842
1001247279.....	247, 249	1001263039.....	609, 683	1001271803.....	737, 739	1706306.....	842
1001247646.....	842	1001263702.....	849	1001272882.....	855	1706768.....	842
1001247708.....	609	1001263830.....	255	1001273004.....	855	1706850.....	842
1001248161.....	399	1001264727.....	862	1001273005.....	855	1706892.....	143
1001248416.....	787	1001264844.....	724	1001273635.....	797	1707078.....	842
1001248760.....	405, 407	1001264861.....	724	1001273847.....	25	1784861.....	113
1001248891.....	775, 777	1001264873.....	862	1001274533.....	741	2080040.....	149
1001248892.....	781	1001264874.....	862	1001274534.....	741	2080078.....	437
1001248893.....	775	1001264916.....	862	1001274535.....	741	2080086.....	419
1001248899.....	787	1001264918.....	862	1001274536.....	741	2080092.....	27, 473
1001248901.....	787	1001264921.....	862	1001274537.....	741	2110406.....	613, 617, 619
1001248902.....	787	1001264937.....	862	1001274538.....	741	2110410.....	617, 619
1001250416.....	399, 405	1001264976.....	739	1001274539.....	741	2110604.....	667
1001250417.....	399, 407	1001265061.....	287	1001274540.....	741	2110606.....	613, 627
1001250420.....	407	1001265218.....	195	1001274541.....	741	2110608.....	281
1001250421.....	405	1001265291.....	862	1001274543.....	741	2110610.....	71, 631
1001254185.....	749, 829	1001265358.....	717, 733	1001274544.....	741		
		1001265375.....	821	1001274553.....	741		
		1001265395.....	75	1001274892.....	862		

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

2110806	71, 627	2903197	324	4000015.....	859	4460744	721
2110808 ...	603, 605, 613,	2920206	795, 801, 805	4010310.....	787	4460746	721
639, 641		2940074	149, 859	4010508002.....	448	4460748	764
2110810 ...	295, 609, 613,	2960243	323, 336	4010510.....	587	4460789	743, 764
617, 619, 621		3020040	97	4010608.....	713	4460836	722, 781
2110812	613	31200160	143	4010608002.....	421, 448,	4460884 ...	722, 724, 778,
2111010 ...	599, 627, 631	31200386	145	535, 537, 539, 545		833	
2111012	667	31200387	147	4010610002.....	448, 539,	4460891 ...	709, 724, 762,
2111212	603	31200388	147	573		763, 765, 777, 781, 782	
2111612	627	314689	97	4010612002.....	429, 448,	4460892	765
2111616	287, 635	3290305	787	455, 457, 461, 463		4460894 ...	722, 724, 747,
2112016	287	3290401 ...	455, 457, 737,	4031504.....	711	763, 777, 781, 782	
2130404	581	789, 821		4031607.....	45, 49, 589	4460897 ...	722, 733, 747,
2130604	71, 631	3290405	425, 713	4031608.....	453, 753	765, 791	
2130606 ...	281, 627, 635	3290501 ...	717, 759, 823,	4031608001.....	448	4460899	743, 793, 837
2130608	281	835, 855		4031612.....	835	4460906	722
2130610	297	3290505	303, 759	4031708001.....	525, 527	4460911	777, 781
2130808	581	3290601 ...	115, 217, 277,	4031709.....	639	4460929	733
2130810	267, 295	281, 455, 457, 512,		4031908.....	607, 609	4460930	722, 724
2131010	295, 607	539, 561, 713, 717,		4031910.....	531, 533, 607,	4460931	725, 777
2131012	609	787, 801, 805, 819		609, 641		4460932	709, 799, 825
2131212 ...	287, 607, 609	3290605	27, 245, 307,	4031918.....	599, 617, 619,	4460933 ...	722, 763, 777,
2132016	627	401, 403, 405, 407,		621		781, 782, 827	
2144602	613	448, 455, 457, 463, 713		4031927.....	267	4460941 ...	733, 743, 791,
2144605	611	3290801 ...	277, 287, 421,	4032010.....	297	837	
2144606	273	557		4032017.....	667	4460942 ...	722, 724, 733,
2150404	635	3290805	25, 245, 269,	4032109.....	179	765, 777, 781, 782	
2150606	71, 635	273, 303, 345, 347,		4109801.....	842	4460943	724, 733, 747
2150808	641	565, 583, 617, 759		4110422.....	223	4460944 ...	721, 722, 724,
2150810	295	3290806	437	4240032.....	749	762, 763, 764, 765,	
2151012	71	3291001	25, 241, 255,	4240127.....	243	782, 829	
2151210	345, 347	287, 299, 301, 307,		4360658.....	569, 859	4460945	725, 765
2160016 .	91, 93, 97, 103,	575, 613, 787		4360669.....	73	4460950	763
109, 111, 341		3291005	191, 307, 547	443630.....	113	4460970	763, 777, 781
2160018	99	3291201	285	4460225.....	721, 722	4460994	723, 725
2170116	287	3291205 .	93, 97, 99, 109,	4460234.....	303, 749	4461006	762, 764
2170208	581	111		4460247.....	762	4461008	764, 793
2170212	287	3291605	91, 95, 233	4460256.....	763	4461015	733, 782
2170406	71	3300220	757	4460265.....	721	4461017	769
2170706	613, 631	3300479	313	4460267.....	721, 722	4461018	762
2170708	613	3311405	149	4460268.....	721	4461054	764, 778
2170908	603	3311502	217	4460343.....	721, 722	4461070	725, 765
2171008	603	3321001	757	4460434.....	721	4461071	764
2171110	601	3332011	315, 411	4460458.....	764, 799	4461095	722, 762
2171208	639	3391408	571	4460464.....	709, 722, 724,	4461115	724, 799
2171310	601	3391410	217	743, 763, 771, 777,		4461118 ...	723, 743, 777,
2171832	643	3421453	149	781, 799, 825, 827		778, 781	
2172104	613	3520028	573	4460465.....	709, 722, 723,	4461170	835
2172106	71, 269	3520072	149	724, 733, 747, 762,		4461174	465
2172208	623	3520198	149	763, 764, 765, 777,		4461262	721, 724, 777
2220221	627	3760170	149	778, 781, 782, 827,		4641237	635
2220239	49	3760348	561	829, 833		4711400	149
2220240	49	3760493	97	4460466.....	721, 722, 723,	471678	251, 479
2220881	681	3790013	613	724, 733, 762, 763,		4740532	629
2220883	649, 663	3820020	149	764, 765, 777, 778,		4740572	277, 295
2220885	649, 653	3900224	23	781, 782, 793, 799,		4761000	757
2220886	681	3900349	753	827, 829, 833		4807718	437
2400060	827	3900357	239, 759	4460496.....	717	4811400 ...	455, 457, 569,
2400600	322, 335	3900379	27, 543	4460497.....	717	713, 737, 821	
2401043	323, 336	3900381	759	4460508.....	763, 769	4811600 ...	275, 448, 759,
2401258	323, 336	3968141	322, 335	4460509.....	762, 781	823, 835, 855	
2401736	323	3983720	323, 336	4460518.....	724	4811602001	448
24921332	245	3983731	323, 336	4460536.....	771, 793	4811700 ...	27, 71, 77, 79,
2600281	149	3984425	324, 336	4460539.....	722, 723, 762,	115, 217, 239, 245,	
2902440	135, 137	3986405	323	763, 764, 777, 782		253, 263, 277, 285,	
2902441	139, 141	3986610	497	4460608.....	763	291, 295, 303, 307,	
2902443	764	3986643	497	4460670.....	827	419, 421, 455, 457,	

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

479, 512, 525, 527, 537, 539, 545, 561, 567, 573, 711, 717, 787, 801, 803, 805, 807, 811, 819	5251010 23	70021323 489, 493	70023276 193
4811700001 448, 535	5260800 267, 281	70021324 489, 493	70023277 193
481170223, 85, 277, 281, 401, 403, 405, 407, 473, 539, 561, 567, 581, 753, 775	5271609 823	70021325 489, 493	70023278 193
4811702001 421, 429, 448, 587	5271808 609	70021326 489, 493	70023369 649, 663
4811900 25, 27, 29, 31, 33, 35, 37, 39, 43, 47, 49, 71, 75, 91, 93, 109, 111, 239, 245, 247, 251, 253, 269, 273, 277, 285, 287, 295, 297, 303, 345, 347, 421, 423, 441, 443, 483, 485, 495, 499, 512, 529, 531, 533, 541, 557, 561, 581, 583, 603, 607, 609, 613, 615, 633, 639, 753, 759, 775, 801, 821	5271917 657	70021327 489, 493	70023372 663
4811902 27, 103, 277, 287, 291, 401, 403, 405, 407, 507, 512, 539, 541, 613, 759	5271922 609	70021328 489, 493	70023380 663
4812000 23, 25, 27, 43, 47, 71, 75, 83, 85, 241, 243, 245, 251, 255, 269, 273, 281, 285, 295, 297, 299, 301, 303, 307, 309, 345, 347, 547, 571, 575, 581, 599, 601, 611, 613, 627, 637, 713, 759, 775, 787, 793, 797, 813, 821, 855	5272011 813	70021329 489	70023484 157
4812002 245, 255, 267, 269, 281, 287, 643, 667, 701, 703	5272022 635	70021330 489, 493	70024059 219, 223
4812100 23, 43, 93, 233, 245, 269, 285, 339, 759	70002222 659	70021342 223	70024107 497, 859
4812102 113	70002386 681, 858	70021349 219, 223	70024168 862
4812200 817	70002410 649	70021387 219, 223	70024186 665
4812300 55, 57, 63, 67, 71, 91, 233	70002971 675, 858	70021415 219, 223	70024189 665
4812500 411	70003788 675, 858	70021504 181, 183	70024201 679
4831400 455, 457, 737, 789	70004280 235, 237	70021531 671, 673	70024306 213
4831600 49, 753	70004511 858	70021558 191	70024307 213
4831700 251, 539, 711	70005191 235, 237	70021559 191	70024436 151, 152
4831900 97, 507, 512, 617	70005504 235, 237	70021560 191	70024437 151
4872000 85	70005505 235, 237	70021561 191	70024438 151
5201215 643	70005507 235, 237	70021562 191	70024439 151
5220600 805, 807	70005515 235, 237	70021563 191	70024440 151
5220800 701, 703	70005556 235, 237	70021613 324, 337	70024441 151
5240600 753	70005559 235, 237	70021835 193	70024442 151
5240800 267, 281, 623	70005793 649	70021836 193	70024443 151
5241000 307	70007604 683	70021838 193	70024444 151
5241600 53	70011901 235, 237	70021839 193	70024445 151
5242400 217	70020173 323, 336	70021840 193	70024446 151
5250608 517	70020421 221	70021841 193	70024447 151
	70020422 221	70021842 193	70024448 151
	70020506 .. 185, 187, 189	70021843 193	70024449 151
	70020507 .. 185, 187, 189	70021921 219, 223	70024450 151
	70020508 .. 185, 187, 189	70021935 219, 223	70024452 151
	70020555 215	70021977 223	70024453 151
	70020724 151	70021978 219, 223	70024454 151
	70020725 151	70021979 219, 223	70024455 151, 858
	70020726 151	70022010 679	70024456 151
	70020728 151, 152	70022028 219, 223	70024459 497
	70020730 .. 185, 187, 189, 193	70022034 501	70024480 235, 237
	70020731 .. 185, 187, 189, 193	70022527 223	70024485 235, 237
	70020764 .. 671, 673, 858	70022528 219, 223	70024494 235, 237
	70020867 685	70022529 219, 223	70024495 235, 237
	70021140 335	70022564 663	70024504 235, 237
	70021238 .. 185, 187, 189	70022697 .. 185, 187, 189	70024505 235, 237
	70021239 .. 185, 187, 189	70022765 785, 859	70024509 235, 237
	70021240 .. 185, 187, 189	70022821 59, 65	70024522 322, 335
	70021241 .. 185, 187, 189, 193	70022822 59	70024634 359
	70021242 .. 152, 153, 185, 187, 189	70022823 59, 65	70024635 381
	70021243 .. 185, 187, 189	70022824 59	70024639 359
	70021244 .. 185, 187, 189	70022825 59	70024641 383, 391
	70021245 .. 185, 187, 189	70022826 65	70024642 359
	70021246 .. 185, 187, 189	70022906 193	70024644 359
	70021247 .. 185, 187, 189	70022907 193	70024645 359
	70021248 185, 187	70022912 193	70024646 383, 391
	70021251 501	70022922 193	70024847 679
	70021252 501	70022923 193	70024856 497
	70021314 489, 491	70022924 193	70024857 497
	70021316 489, 491	70022925 193	70024858 497
	70021317 487, 489	70022927 151, 193	70024859 497, 858
	70021318 487, 489	70022928 193	70024861 497
	70021319 .. 487, 489, 493	70022929 193	70024881 336
	70021320 489	70022930 193	70024918 235, 237
	70021321 489, 493	70023101 655	70024920 235, 237
	70021322 487, 489	70023179 497	70024965 297
		70023181 497	70025153 .. 235, 237, 858
		70023182 497	70025205 235, 237
		70023184 497	70025360 379
		70023186 497	70025361 379
		70023189 497	70025362 379

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

70025363	379	70025440 ..	363, 365, 367	70025522	369	70026720	305
70025364	379	70025441	367	70025523	379	70026721	305
70025365	379	70025442	365, 367	70025524 ..	353, 355, 357,	70026722	305
70025366	379	70025443	377	393		70026723	305
70025367	379	70025444	377	70025525 ..	353, 355, 357,	70026724	305
70025368	379	70025445	363	393		70026725	305
70025369	379	70025446	363	70025526	353, 373	70026726	305
70025370	379	70025447	363, 365	70025527	353	70026749	322, 335
70025371	379	70025448	363, 365	70025528	353	70026777	679
70025372	379	70025449	363	70025529	353, 393	70026808	859
70025373	379	70025450	365	70025535	235, 237	70026819	324, 337
70025374	379	70025451	361	70025539	491, 859	70026820	324, 337
70025375	379	70025452	369	70025555	322, 335	70026821	323, 336
70025376	379	70025453	353	70025556	322, 335	70026827	323, 336
70025377	379	70025455	387, 389	70025562 ..	322, 323, 335,	70026965	677
70025378	379	70025456 ..	387, 389, 858	336		70026966	677
70025379	379	70025457	387, 389	70025567	323, 336	70026967	677, 858
70025380	379	70025459	369	70025569	335	70026968	677
70025382 ..	355, 357, 379	70025460	379	70025570	335	70026969	677
70025383	355, 357	70025461	379	70025602	661	70026970	677
70025387	375	70025462	379	70025613	661	70026971	677
70025388	375	70025463	369	70025614	655, 661	70026972	677
70025389	375	70025464	369	70025644	279	70026973	677
70025390	375	70025465	379	70025816	559	70026975	677
70025391	375	70025466	387, 389	70025817	559	70026976	677
70025392	355, 357	70025467	379, 391	70025819	323, 336	70026997	293
70025393	355, 357	70025468	379	70025821	324, 336	70027000	681
70025394	379	70025469	361, 385	70025822	324, 336	70027001	681
70025397	355, 357	70025470	361	70025823	324, 336	70027002	681
70025398	355, 357	70025471	391	70025850	257, 858	70027004	675
70025400	363	70025472	379	70025851	257, 858	70027008	271
70025401	363, 367	70025476	377	70025859	563	70027009	219, 223
70025402	365	70025483	501	70025860	563	70027037	283
70025403	365	70025485	501	70025884	337	70027067	659
70025404	365	70025486	501	70025956	655	70027068	659
70025406	365	70025489	501	70026011	235, 237	70027069	659
70025407	365, 371	70025490	501	70026018	193	70027070	659
70025408	365, 379	70025491	501	70026210	235, 237	70027071	659
70025409	365	70025493	359, 365	70026292	727, 859	70027072	659
70025410	365	70025494 ..	377, 381, 383	70026293	729, 859	70027073	659
70025411	365	70025495	381, 391	70026294	755, 859	70027074	655, 659
70025412	365	70025496 ..	359, 367, 371	70026295	755, 859	70027075	659
70025413	365	70025497 ..	377, 379, 381,	70026296	755, 859	70027076	659
70025414	365	383		70026297	755, 858	70027077	655
70025415	365	70025498 ..	359, 363, 365,	70026308	663	70027078	655
70025416	365	367		70026313	681	70027079	655
70025417	365	70025499	377, 383	70026368	679	70027080	655
70025418	365	70025500	377, 383	70026370	679	70027081	655
70025419	365	70025501	377, 383	70026371	679	70027082	655
70025420	365	70025502	377, 383	70026372	679	70027083	655
70025421	377	70025503	359	70026373	679	70027084	655
70025423	367	70025504 ..	359, 365, 367,	70026374	679	70027085	655
70025424 ..	363, 365, 367	379		70026375	679	70027086	655
70025425	367	70025505	379	70026376	679	70027087	655, 659
70025426	367	70025506	381, 383	70026377	679	70027088	659
70025427	371	70025508	363, 379	70026379	679	70027107	322, 335
70025428	371	70025509	377, 379	70026382	679	70027108	335
70025429 ..	363, 365, 367	70025510	355, 357	70026395	257	70027114	323, 336
70025430	377, 393	70025511	353	70026396	257	70027128	679
70025431	367	70025512	353	70026537	563	70027129	679
70025432 ..	363, 365, 367	70025513	379	70026543	663	70027130	679
70025433 ..	363, 365, 367	70025514	353, 357	70026582	685, 858	70027131	679
70025435	365, 367	70025515	377	70026630	337	70027132	679
70025436	365, 367	70025516	377	70026631	322, 335	70027133	679
70025437 ..	363, 365, 367	70025517	377	70026698	219, 223	70027134	679
70025438 ..	363, 365, 367	70025518	377	70026702	219	70027135	679
70025439 ..	363, 365, 367	70025520	361, 379	70026719	305	70027136	679

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

70027141.....	679	70027373.....	359, 381	70027774.....	119	70028036.....	152
70027174.....	61	70027374.....	383	70027775.....	119	70028037.....	152
70027175.....	61	70027375.....	359, 383	70027776.....	119	70028038.....	152
70027176.....	69	70027376.....	359, 379	70027777.....	119	70028039.....	152
70027177.....	69	70027382.....	355	70027778.....	119	70028040.....	152
70027178.....	69	70027383.....	357	70027779.....	119	70028041.....	152
70027180.....	197	70027387..	361, 381, 383	70027780.....	119	70028042.....	152
70027199.....	279	70027388.....	379	70027781.....	119	70028043.....	152
70027200.....	279	70027389.....	387, 389	70027782.....	119	70028044.....	152
70027201.....	279	70027392.....	487, 491	70027783.....	119	70028045.....	152
70027202.....	279	70027393.....	491	70027784.....	119	70028046.....	152
70027203.....	279	70027394.....	489, 491	70027785.....	119	70028047.....	152
70027204.....	279	70027395.....	487, 489	70027786.....	119	70028087.....	152
70027223.....	663	70027399.....	489	70027787.....	119	70028326.....	497
70027225.....	663	70027403.....	235, 237	70027788.....	119	70028384.....	649
70027267.....	669	70027404.....	235, 237	70027789.....	119	70028392.....	323, 336
70027268.....	669	70027405.....	235, 237	70027790.....	219	70028436.....	209
70027269.....	669, 858	70027417..	235, 237, 858	70027791.....	119	70028468.....	324, 337
70027270.....	669	70027595.....	665	70027792.....	119	70028471.....	322, 335
70027271.....	669	70027596.....	673	70027793.....	119	70028473.....	323, 336
70027291.....	165, 191	70027600.....	607, 683	70027794.....	119	70028474.....	323, 336
70027293.....	159, 209	70027604.....	185, 187	70027990.....	151	70028476.....	324, 337
70027294.....	159, 209	70027605.....	185, 187	70027991.....	151	70028477.....	324, 337
70027295.....	209	70027606..	185, 187, 189	70027992.....	151	70028536.....	323, 336
70027296.....	159, 209	70027607..	185, 187, 189	70027993.....	151	70028537.....	323, 336
70027297.....	159, 209	70027608.....	189	70027994.....	151	70028546.....	743
70027298.....	159, 209	70027631.....	211	70027995.....	151, 152	70028733.....	323, 336
70027302.....	159, 209	70027657.....	235, 237	70027996.....	151	70028868.....	687
70027315.....	323, 336	70027658.....	189	70027997.....	151, 152	70028869.....	687
70027316.....	337	70027660.....	385	70027998.....	151	70028870.....	687, 858
70027317.....	324, 336	70027661.....	373	70027999.....	151	70028871.....	687
70027318.....	324	70027663..	353, 355, 357,	70028000.....	151	70028872.....	687
70027319.....	324	393		70028001.....	151	70028873.....	687
70027320.....	323, 336	70027664.....	379	70028002.....	151, 152	70028874.....	687
70027324.....	209	70027665.....	379	70028003.....	151	70028875.....	687
70027325.....	159	70027666.....	355, 357	70028004.....	151	70028900.....	681
70027326.....	159	70027667.....	355, 357	70028005.....	151	70028906.....	322
70027328..	363, 367, 391	70027668.....	379	70028006.....	151, 152	70028907.....	324, 337
70027331.....	353	70027669.....	391	70028007.....	151, 152	70028908.....	324, 337
70027332.....	373	70027670.....	355	70028008.....	151	70028940.....	322
70027337.....	391, 393	70027671.....	361	70028009.....	152	70028978.....	193
70027338.....	391, 393	70027672.....	359	70028010.....	152	70028979.....	193
70027339..	365, 391, 393	70027673.....	359	70028011.....	152	70028980.....	193
70027340.....	379	70027674.....	359	70028012.....	152	70029011.....	165, 191
70027341.....	353	70027675.....	359	70028013.....	152	70029012.....	191
70027344.....	365, 367	70027676.....	355, 357	70028014.....	152	70029013.....	191
70027345.....	355, 357	70027677.....	387, 389	70028015.....	152	70029030.....	679
70027346.....	379	70027678.....	385	70028016.....	152	70029820.....	679
70027347.....	369	70027679.....	385	70028017.....	152	70029869.....	322, 335
70027348.....	363	70027680.....	361	70028018.....	152	70029992.....	679
70027349.....	367	70027681..	363, 365, 367	70028019.....	152	70029993.....	679
70027350.....	377	70027682.....	355	70028020.....	152	70029994.....	679
70027352.....	387, 389	70027707.....	353, 375	70028021.....	152	70029995.....	679
70027353.....	387, 389	70027711.....	353, 377	70028022.....	152	70030247.....	324
70027354.....	391	70027714.....	353, 379	70028023.....	152	70030248.....	324
70027358.....	365	70027715..	349, 351, 367	70028024.....	152	70030249.....	324
70027359.....	365	70027716..	349, 351, 371	70028025.....	152	70030250.....	323
70027361.....	387	70027717..	349, 351, 363	70028026.....	152	70030251.....	323, 336
70027362.....	361, 387	70027718..	349, 351, 365	70028027.....	152	70030264.....	323, 336
70027363.....	361, 389	70027719..	349, 351, 369	70028028.....	152, 193	70030274.....	323, 336
70027364.....	365	70027720..	349, 351, 361	70028029.....	152	70030282.....	183
70027365.....	365	70027721.....	349, 355	70028030.....	152	70030283.....	181
70027366.....	393	70027723..	349, 351, 353	70028031.....	152, 193	70030365.....	323, 336
70027368.....	359	70027724.....	351, 357	70028032.....	152	70030933.....	323, 336
70027369.....	359	70027725..	349, 351, 359	70028033.....	152	70030943.....	683
70027370.....	359	70027744.....	663	70028034.....	152	70030944.....	683
70027371.....	359	70027773.....	119	70028035.....	152	70030945.....	683

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

70030946 683	7028910 157, 161, 165	8007749.....322	8410013 ... 243, 269, 299,
70030947 683	7028911 161, 165	8007755.....322	301
70030948 683	7028912 161, 165	8007771.....322, 335	8420231 285
70030953 649	7028913 161, 165	8007785.....323	8430032 631
70030956 649	7028914 161	8007786.....324	8430033 631
70030957 649	7028915 161, 165	8007802.....324	8466306 445
70030959 649	7028916 161, 165	8008168.....323	8584003 831
70030960 649	7028917 161, 165	8008169.....324	8750017 603
70030961 649	7028918 ... 159, 161, 165,	8008175.....324, 337	8750038 603
70030992 322, 335	209	80204005.....322, 335	8760550 71
70030994 323, 336	7028919 161, 165	80204065.....323, 336	8769124 617, 619
70030997 661	7028920 161, 165	80204071.....322, 335	8770143 71
70030998 661	7028923 161, 165	80204117...323, 336, 337	8770167 615
70030999 661	7028982 161, 165	80233218.....637	88662434 611
70031000 324, 337	7028983 161, 165	80264002.....489, 491	8881800 759
70031001 324, 337	7028984 ... 157, 161, 165	80264004.....489, 491	90554016 219, 223
70031002 324, 337	7028985 161	80333151.....633	90554019 119
70031003 324, 337	7028986 157, 159	8034697.....679	90554020.. 119, 219, 223
70031031 . 163, 167, 169,	7028987 157	80363195.....441	90554042.. 119, 219, 223
171	7028988 157, 159	8036580.....675	90554054.. 119, 219, 223
70031032 173	7028989 157	80604017.....747	90554067 119
70031042 663	7028990 161, 165	80604021.....833	90554070 119
70031043 663	7028991 161, 165	80963067.....764	90554080 215
70031050 489	7028995 165	80983191..727, 729, 731,	91013191 777
70031051 489	7029124 157	858	91013192 782
70031052 489	7029131 322, 335	8220043.....769	91043147 345, 347
70031053 489	7029344 135, 139	8220050.....741	91403193 313
70031054 489	7029345 135, 137	8220051.....723	91474507 . 322, 323, 335,
70031293 653	7029346 135, 137	8220097.....764	336
70031294 653	7029347 135, 137	8220098.....764	91474512 322, 335
70031295 653	7029348 135, 137	8220108.....764	91474516 337
70031296 653	7029349 135, 137	8220114.....781	91474522 324, 337
70031297 653	7029350 135, 137	8220115.....763	91474529 322, 335
70050472 679	7029351 135, 137	8220124.....763	91474531 322, 335
70050475 679	7029352 135, 137	8220375.....725	91474533 322, 335
70050481 679	7029353 135, 139	8229234.....725, 858	91474539 322, 335
7012903 675	7029354 135, 139	8229242....727, 729, 765,	91474547 322, 335
7012998 675	7029355 135, 139	858	91474549 322
7016331 ... 235, 237, 858	7029356 ... 135, 139, 157	8229244....731, 755, 765,	91474550 322, 335
7020442 235, 237	7029357 139	858	91474551 322, 335
7020465 235, 237	7029427 322, 335	8229245....727, 755, 766,	91474553 322, 335
7022391 675	7029428 322, 335	858	91474554 322
7022730 383	7029430 323, 336	8229247....729, 755, 766,	91474555 322
7024947 665	7029432 323, 336	858	91474568 324, 336
7028038 324	7029486 ... 525, 527, 599,	8270147.....701, 703	91474579 323, 336
7028039 324	601, 851	8270148.....701, 703	91474580 323, 336
7028043 335	7029520 215	8275212.....245	91474584 323, 336
7028082 337	7029521 215	8305919 23, 27, 448, 473,	91474585 323, 336
7028115 323, 336	7029692 223	539	91474591 322, 335
7028125 157	7029749 157	8310559.....433	91474593 335
7028126 157	7029767 501	8405006....243, 599, 601,	91474595 335
7028127 ... 157, 159, 209	7029786 324, 336	633	91504107 747
7028128 157	7300435 233	8405007.....303	91514082 322, 335
7028129 157	7301893 701, 703	8405009.....247, 561	91514098 322, 335
7028130 157	77133140 .. 617, 619, 639	8405104.....285	91514099 323, 337
7028131 ... 157, 159, 161,	77133168 639	8405201....285, 448, 451	91514117 323
165, 209	77133177 617, 619	8405202.....285	91514134 322, 335
7028132 157	8000759 437	8405301.....643	91514146 322, 335
7028133 157	8000803 421	8405402.....263	91514147 322, 335
7028134 157	8002798 323	8405502.....607, 609	91514148 322, 335
7028135 157	8004398 437	8406201.....607, 609	91514154 324, 336
7028136 191	8004468 323, 335	8406202.....633	91514188 . 322, 323, 335,
7028137 191	8005079 339	8406302....285, 287, 303,	336
7028621 497	8005827 395	759	91514189 323, 336
7028706 ... 322, 323, 335,	8005870 842	8410009....299, 301, 507,	AU2105 842
336	8005901 527	512, 637	
7028733 336	8006605 323, 336	8410011.....263	



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