



Illustrated Parts Manual

***Model
R11100***

SN Prior to K160000125

**P/N
31211944**

June 1, 2024 - Rev B



EFFECTIVITY PAGE

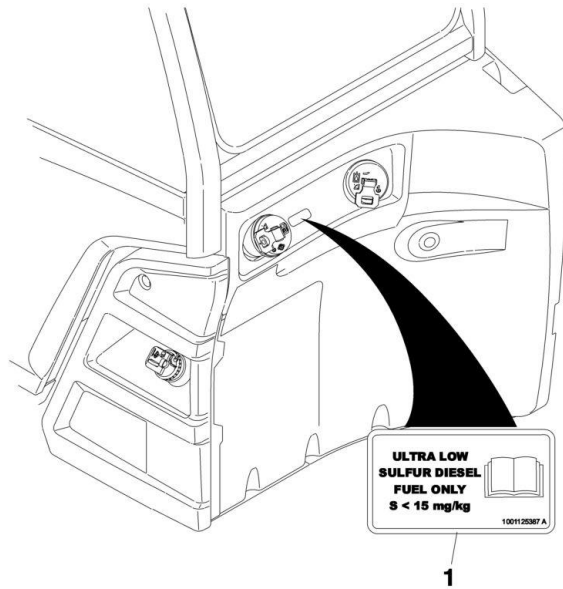
June 1, 2022 - A - Original Issue of Manual (Edited to B/M 1001277000 Revision E)

June 1, 2024 - B - Revised Manual (Edited to B/M 1001277000 Revision H)

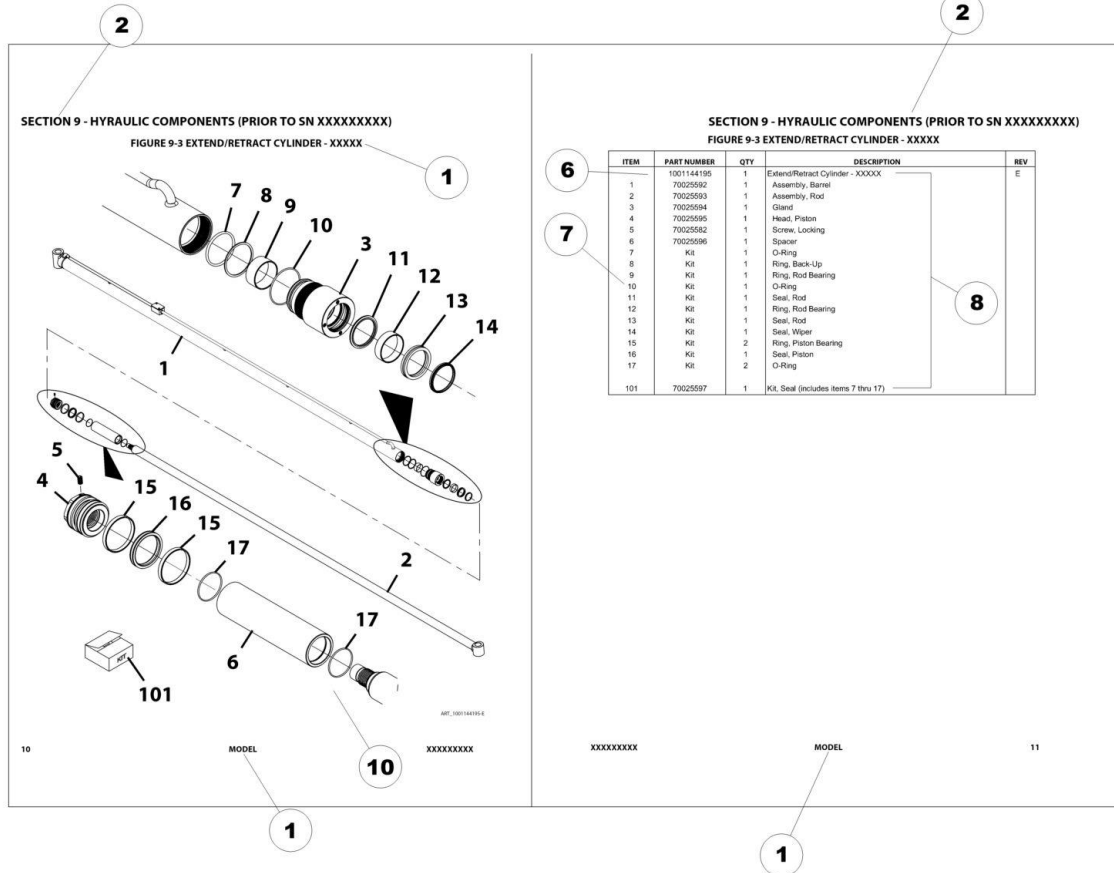
Machine Configuration

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 (e.g. ANSI, CE, CSA, AUS). Components may also be identified by SN or manufacturer. Common components that may be identified by these characteristics are attachments, engine, transmission and hydraulic components.

2) PARTS MANUAL ORGANIZATION

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

3) TABLE OF CONTENTS (NOT SHOWN)

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

4) RECOMMENDED SPARE PARTS (NOT SHOWN)

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

6) NON-SERVICED PARTS

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

7) PARTS LIST ITEM NUMBERS

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

8) INDENTED PARTS DESCRIPTION

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

9) ABBREVIATION AND SYMBOLS

AC.....	Alternating Current
A/C.....	Air Conditioning
ADE.....	Advanced Design Electronics
AG.....	Agriculture
AMP.....	Amperage
ANSI.....	American National Standards Institute
AR.....	As Required
ASSY.....	Assembly
AUS.....	Australia
AUX.....	Auxiliary
AWG.....	American Wire Gauge
CAC.....	Charge Air Cooler
CE.....	European Conformity
CM.....	Centimeter
CONST.....	Construction
CSA.....	Canadian Standards Association
DEF.....	Diesel Exhaust Fluid
DIA.....	Diameter
DC.....	Direct Current
DTZ.....	Decentralized Transmission Zeros
ECU.....	Electronic Control Unit
EMS.....	Emergency Stop
FNR.....	Forward Neutral Reverse
FT.....	Foot
GA.....	Gauge
GR.....	Grade
HBP.....	High Boom Pivot
HHP.....	High Horse Power
HOC.....	Hydraulic Oil Cooler
HRC.....	High Rated Countries
HVAC.....	Heating Ventilating, and Air Conditioning
ID.....	Inside Diameter
IN.....	Inch
ISO.....	International Organization for Standards
ITSDF.....	Industrial Truck Standards Development Foundation
JIC.....	Joint Industry Council
KG.....	Kilogram
KW.....	Kilowatt
L.....	Liter
LB.....	Pound
LBP.....	Low Boom Pivot

LCD.....	Liquid Crystal Display
LED.....	Light Emitting Diode
LH.....	Left Hand
LHD.....	Left Hand Drive
LHP.....	Low Horse Power
LMIS.....	Load Management Indicator System
LRC.....	Low Rated Countries
LS.....	Low Sulfur
LSI.....	Load Stability Indicator
LSS.....	Load Sensing System
M³.....	Cubic Meter
MA.....	Milliamp
M(m).....	Metric/Meter
MM.....	Millimeter
N.....	Newton
NACD.....	North America Construction Division
NLA.....	No Longer Available
NSS.....	Not Sold Separately
OD.....	Outside Diameter
ORB.....	O-Ring Boss
ORFS.....	O-Ring Face Seal
OZ.....	Ounce
PR.....	Ply Rating
QT.....	Quart
QTY.....	Quantity
REF.....	Reference
REV.....	Revision
RH.....	Right Hand
RHD.....	Right Hand Drive
RHCO.....	Remote Hydraulic Oil Cooler
RUS.....	Russia
SAE.....	Society of Automotive Engineers
SAHR.....	Spring Applied Hydraulically Released
SN.....	Serial Number
SPD.....	Speed
TLU.....	Torque Look Up
UGM.....	Universal Ground Module
V.....	Volts
W.....	Watts
#.....	Number

10) ILLUSTRATION REFERENCE LETTERS

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

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

TABLE OF CONTENTS

SECTION 1 - FRAME AND ATTACHING PARTS.....	11
FIGURE 1-1. FRAME COVERS INSTALLATION.....	12
FIGURE 1-2. FENDERS INSTALLATION	14
FIGURE 1-3. ENGINE ENCLOSURE INSTALLATION.....	16
FIGURE 1-4. TANKS INSTALLATION.....	18
FIGURE 1-5. OUTRIGGERS INSTALLATION	20
FIGURE 1-6. OUTRIGGER PLATFORMS INSTALLATION	22
FIGURE 1-7. TURNTABLE INSTALLATION	24
FIGURE 1-8. TURNTABLE HOOD INSTALLATION.....	26
FIGURE 1-9. CENTRAL LUBRICATION INSTALLATION.....	28
FIGURE 1-10. DIESEL HEATER INSTALLATION	30
SECTION 2 - BOOM	33
FIGURE 2-1. BASE BOOM ASSEMBLY	34
FIGURE 2-2. SECOND BOOM ASSEMBLY	36
FIGURE 2-3. THIRD BOOM ASSEMBLY	38
FIGURE 2-4. FOURTH BOOM ASSEMBLY	40
FIGURE 2-5. FLY BOOM ASSEMBLY	42
FIGURE 2-6. BOOM REEL ASSEMBLY	44
FIGURE 2-7. COUPLER ASSEMBLY (HYDRAULIC)	46
FIGURE 2-8. COUPLER ASSEMBLY (MANUAL)	48
FIGURE 2-9. HOSE GUIDE ASSEMBLY	50
SECTION 3 - ATTACHMENTS	53
FIGURE 3-1. BUCKET ASSEMBLY - GENERAL PURPOSE	54
FIGURE 3-2. CARRIAGE WINCH ASSEMBLY	56
FIGURE 3-3. CARRIAGE WINCH HYDRAULICS ASSEMBLY	58
FIGURE 3-4. WINCH ASSEMBLY.....	60
FIGURE 3-5. DUAL FORK CARRIAGE ASSEMBLY - SIDE SHIFT.....	64
FIGURE 3-6. DUAL FORK CARRIAGE ASSEMBLY - STANDARD.....	66
FIGURE 3-7. DUAL FORK CARRIAGE ASSEMBLY - ROTATING.....	68
FIGURE 3-8. HOOK CARRIAGE ASSEMBLY	70
FIGURE 3-9. PLATFORM ASSEMBLY - EXTENDABLE	72
FIGURE 3-10. PLATFORM ASSEMBLY - STANDARD	76
FIGURE 3-11. PLATFORM CONTROLS ENCLOSURE	78
FIGURE 3-12. PLATFORM CONTROL BOX ASSEMBLY	80
FIGURE 3-13. PLATFORM HYDRAULICS ASSEMBLY	82
FIGURE 3-14. TRUSS BOOM ASSEMBLY - WITH HOOK.....	84
FIGURE 3-15. TRUSS BOOM ASSEMBLY - WITH WINCH	86
SECTION 4 - ENGINE AND ATTACHING PARTS	89
FIGURE 4-1. ENGINE MOUNTS INSTALLATION	90
FIGURE 4-2. ENGINE COMPONENTS.....	92
FIGURE 4-3. PUMP COUPLING INSTALLATION.....	94
FIGURE 4-4. ENGINE COOLING INSTALLATION	96

TABLE OF CONTENTS

FIGURE 4-5. EXHAUST INSTALLATION98

FIGURE 4-6. AIR FILTER INSTALLATION100

FIGURE 4-7. BLOCK HEATER INSTALLATION102

SECTION 5 - DRIVE TRAIN105

FIGURE 5-1. FRONT AXLE INSTALLATION.....106

FIGURE 5-2. AXLE ASSEMBLY - FRONT.....108

FIGURE 5-3. DRIVE SHAFT INSTALLATION118

FIGURE 5-4. GEARBOX INSTALLATION120

FIGURE 5-5. GEARBOX ASSEMBLY.....122

FIGURE 5-6. REAR AXLE INSTALLATION126

FIGURE 5-7. AXLE ASSEMBLY - REAR128

FIGURE 5-8. ALIGNMENT SENSOR INSTALLATION138

FIGURE 5-9. TIRE AND WHEEL ASSEMBLY - CLAWED140

FIGURE 5-10. TIRE AND WHEEL ASSEMBLY - CLAWED & FOAM FILLED.....142

FIGURE 5-11. TIRE AND WHEEL ASSEMBLY - STANDARD144

SECTION 6 - CAB147

FIGURE 6-1. CAB MOUNTS INSTALLATION148

FIGURE 6-2. CAB DOOR INSTALLATION150

FIGURE 6-3. CAB WINDOWS INSTALLATION.....154

FIGURE 6-4. MIRROR AND WIPERS INSTALLATION156

FIGURE 6-5. CAB INTERIOR INSTALLATION.....158

FIGURE 6-6. CAB COMPONENTS INSTALLATION160

FIGURE 6-7. SEAT INSTALLATION.....162

FIGURE 6-8. SEAT ASSEMBLY164

FIGURE 6-9. LEFT ARMREST ASSEMBLY166

FIGURE 6-10. RIGHT ARMREST ASSEMBLY.....168

FIGURE 6-11. A/C LINES INSTALLATION.....170

FIGURE 6-12. A/C CONDENSER INSTALLATION172

FIGURE 6-13. A/C PUMP INSTALLATION.....174

FIGURE 6-14. A/C COMPRESSOR ASSEMBLY176

FIGURE 6-15. HEATER INSTALLATION.....178

FIGURE 6-16. HEATER AND A/C INSTALLATION180

FIGURE 6-17. CAB GUARD INSTALLATION.....182

FIGURE 6-18. SUNSCREEN INSTALLATION.....184

SECTION 7 - CONTROLS.....187

FIGURE 7-1. CAB CONTROLS INSTALLATION.....188

FIGURE 7-2. JOYSTICKS.....190

FIGURE 7-3. PEDALS ASSEMBLY192

FIGURE 7-4. STEERING COLUMN ASSEMBLY194

SECTION 8 - HYDRAULIC CIRCUITS197

FIGURE 8-1. AUXILIARY BOOM HYDRAULICS DIAGRAM - WITH HYDRAULIC COUPLER198

FIGURE 8-2. AUXILIARY BOOM HYDRAULICS DIAGRAM - WITH MANUAL COUPLER.....200

FIGURE 8-3. AXLES HYDRAULIC DIAGRAM.....202

TABLE OF CONTENTS

FIGURE 8-4. BOOM HYDRAULICS DIAGRAM	204
FIGURE 8-5. BRAKES HYDRAULIC DIAGRAM	206
FIGURE 8-6. ENGINE BAY HYDRAULIC DIAGRAM	208
FIGURE 8-7. FRONT OUTRIGGERS HYDRAULIC DIAGRAM	210
FIGURE 8-8. HYDROSTATIC PUMP HYDRAULIC DIAGRAM	212
FIGURE 8-9. IMPLEMENT PUMP HYDRAULIC DIAGRAM	214
FIGURE 8-10. LEVELING CYLINDERS HYDRAULIC DIAGRAM	218
FIGURE 8-11. LIFT CYLINDER HYDRAULIC DIAGRAM	220
FIGURE 8-12. OIL COOLER HYDRAULIC DIAGRAM	222
FIGURE 8-13. REAR OUTRIGGERS HYDRAULIC DIAGRAM	224
FIGURE 8-14. SWING HYDRAULIC DIAGRAM	226
FIGURE 8-15. TILT CYLINDER HYDRAULIC DIAGRAM	228
SECTION 9 - HYDRAULIC COMPONENTS	231
FIGURE 9-1. HYDRAULIC DISTRIBUTOR ASSEMBLY	232
FIGURE 9-2. LEVELING CYLINDER ASSEMBLY	234
FIGURE 9-3. LIFT CYLINDER ASSEMBLY	236
FIGURE 9-4. OIL RADIATOR ASSEMBLY	238
FIGURE 9-5. OUTRIGGER CYLINDER ASSEMBLY	240
FIGURE 9-6. OUTRIGGER EXTENSION CYLINDER ASSEMBLY	242
FIGURE 9-7. OUTRIGGER VALVE ASSEMBLY	244
FIGURE 9-8. REAR OSCILLATION CYLINDER ASSEMBLY	246
FIGURE 9-9. SWING DRIVE ASSEMBLY	248
FIGURE 9-10. TELESCOPE CYLINDER ASSEMBLY	250
FIGURE 9-11. TILT CYLINDER ASSEMBLY	252
SECTION 10 - ELECTRICAL	255
FIGURE 10-1. ALTERNATOR CABLE	256
FIGURE 10-2. BACKUP ALARM INSTALLATION	258
FIGURE 10-3. BATTERY DISCONNECT CABLE	260
FIGURE 10-4. BATTERY POSITIVE CABLE	262
FIGURE 10-5. BATTERY TO RELAY CABLE	264
FIGURE 10-6. BOOM COMPONENTS	266
FIGURE 10-7. BOOM HARNESS	268
FIGURE 10-8. BOOM WORK LIGHTS INSTALLATION	270
FIGURE 10-9. CAB ELECTRICAL INSTALLATION	272
FIGURE 10-10. CAB POWER HARNESS	274
FIGURE 10-11. CAB ROOF HARNESS	276
FIGURE 10-12. CAB WORK LIGHTS INSTALLATION	278
FIGURE 10-13. DISPLAY HARNESS	280
FIGURE 10-14. ENGINE HARNESS	282
FIGURE 10-15. ENGINE TO RELAY CABLE	284
FIGURE 10-16. FRAME COMPONENTS	286
FIGURE 10-17. FRAME HARNESS	288
FIGURE 10-18. LEFT DASH HARNESS	290
FIGURE 10-19. LEFT TAILLIGHT HARNESS	292

TABLE OF CONTENTS

FIGURE 10-20. OUTRIGGER EXTENSION HARNESS294

FIGURE 10-21. OUTRIGGERS HARNESS296

FIGURE 10-22. PLANETARY SENSOR HARNESS298

FIGURE 10-23. PREHEAT POWER CABLE300

FIGURE 10-24. PREHEAT RELAY CABLE302

FIGURE 10-25. REMOTE BOOM CONTROL INSTALLATION304

FIGURE 10-26. REVERSING CAMERA INSTALLATION.....306

FIGURE 10-27. RIGHT DASH HARNESS308

FIGURE 10-28. RIGHT TAILLIGHT HARNESS310

FIGURE 10-29. ROAD LIGHTS INSTALLATION312

FIGURE 10-30. SEAT HARNESS314

FIGURE 10-31. STARTER CABLE316

FIGURE 10-32. TELEMATICS INSTALLATION.....318

FIGURE 10-33. TELEMATICS HARNESS.....320

FIGURE 10-34. TURNTABLE COMPONENTS.....322

FIGURE 10-35. TURNTABLE HARNESS324

FIGURE 10-36. WIRELESS CAMERA INSTALL326

SECTION 11 - DECALS329

 FIGURE 11-1. R11100 MACHINE DECALS330

 FIGURE 11-2. DECALS INSTALLATION.....332

 FIGURE 11-3. MACHINE DECALS KIT334

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK337

 FIGURE 12-1. RECOMMENDED SERVICE PARTS STOCK.....338

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS339

 FIGURE 13-1. SPECIAL OPTIONS/ACCESSORIES/KITS.....340

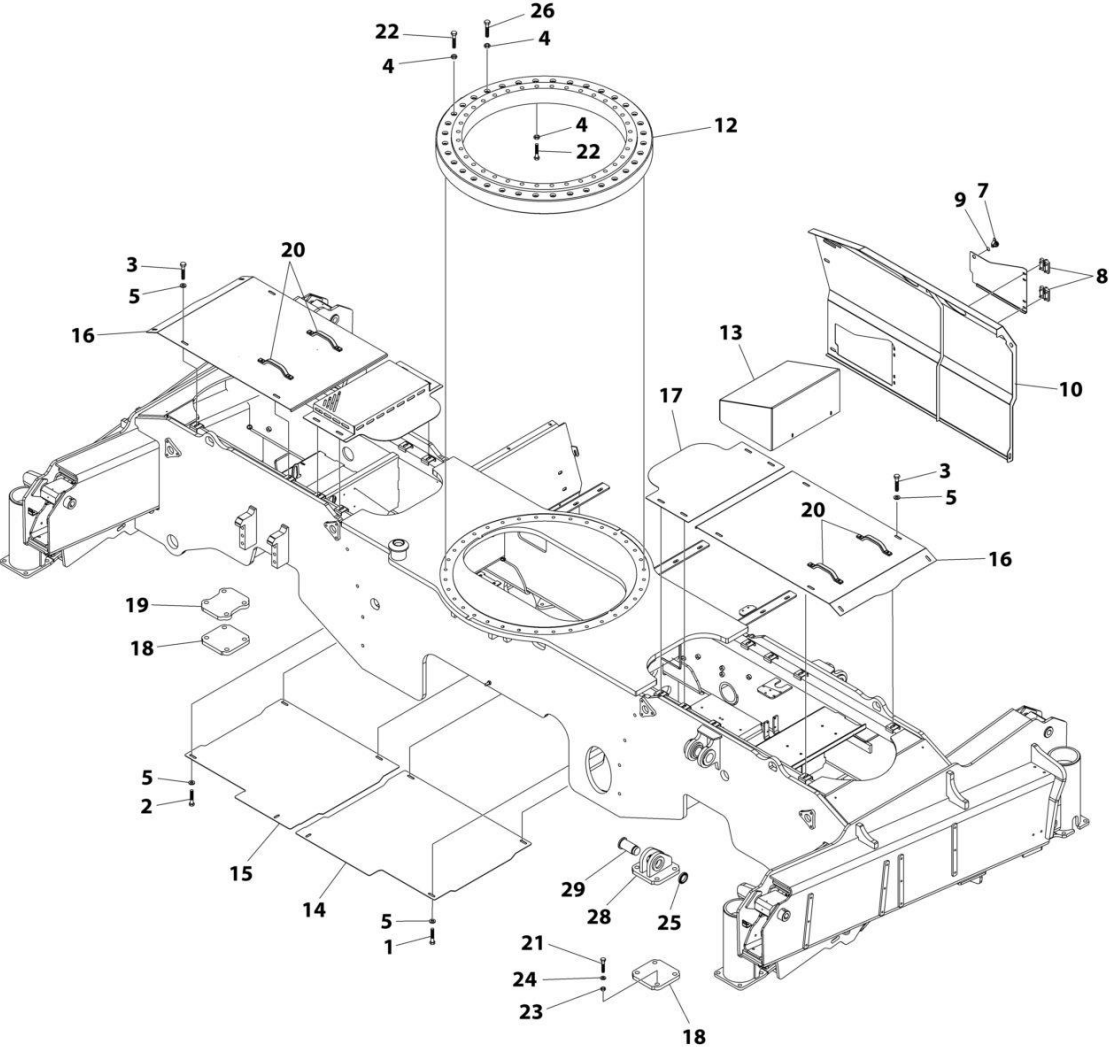
PART NUMBER INDEX.....341

SECTION 1 - FRAME AND ATTACHING PARTS

SECTION 1 - FRAME AND ATTACHING PARTS

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-1. FRAME COVERS INSTALLATION



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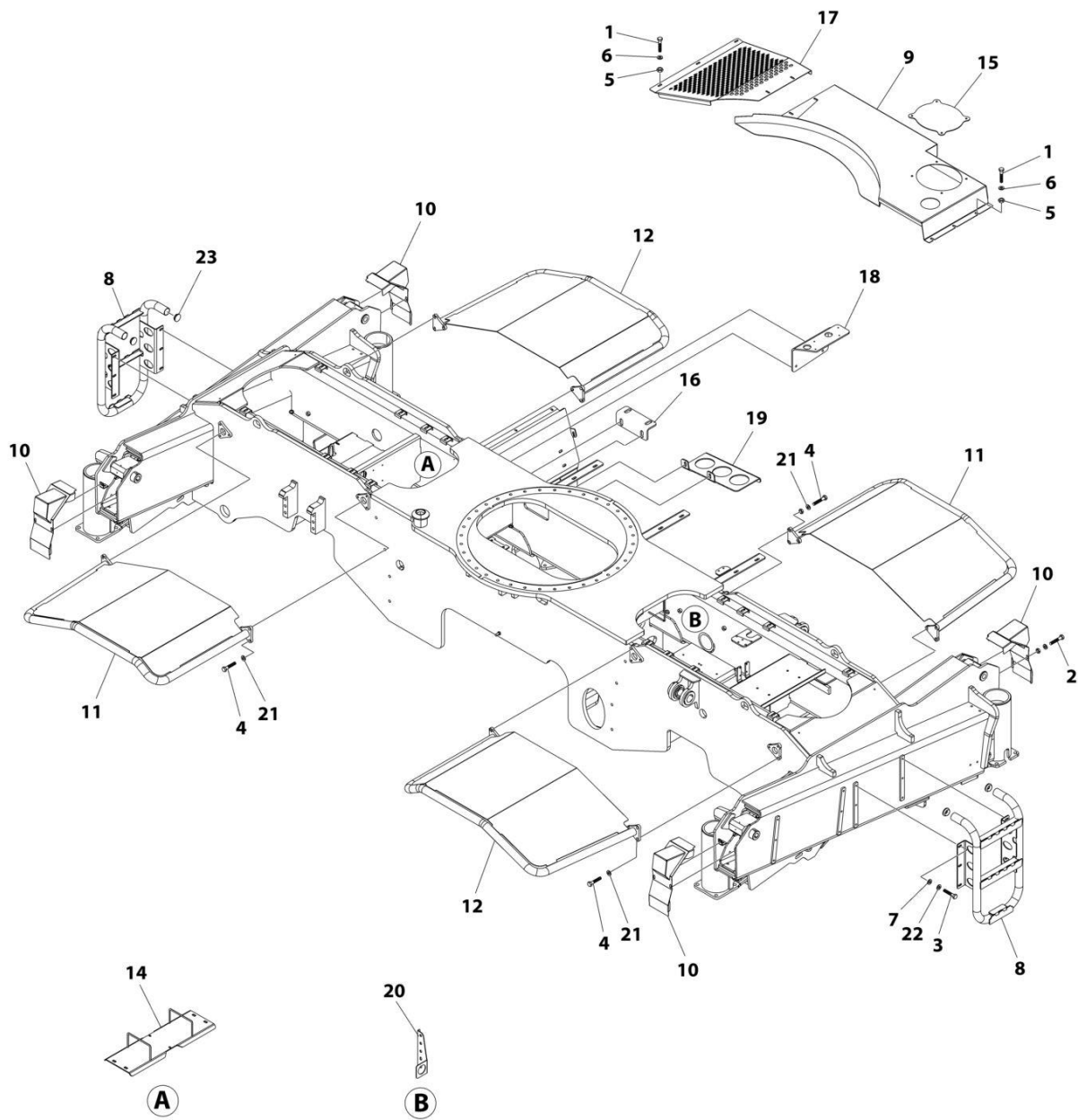
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-1. FRAME COVERS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001279539	Ref	FRAME COVERS INSTALLATION	C
1	0701012	4	Bolt M10 x 25	
2	0761008	4	Bolt M10 x 16	
3	0761010	20	Bolt M10 x 20	
4	3332015	72	Nut, Lock M20	
5	4812000	28	Washer M10	
7	1001275040	1	Lock	
8	1001275073	2	Hinge	
9	1001275338	1	Spacer	
10	1001275805	1	Cover	
12	1001275986	1	Bearing, Turntable	
13	1001276102	1	Cover	
14	1001276107	1	Cover	
15	1001276108	1	Cover	
16	1001276109	2	Cover	
17	1001276198	1	Cover	
18	1001276211	4	Plate	
19	1001276212	2	Plate	
20	1001276468	4	Handle	
21	1001278044	16	Bolt M22 x 240	
22	1001278046	68	Capscrew M20 x 130	
23	1001278055	16	Nut, Lock M22	
24	1001278060	16	Washer M22	
25	1001279546	2	Nut, Ring	
26	1001279547	4	Capscrew M20 x 110	
28	1001282267	2	Support	
29	1001282268	2	Pin	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-2. FENDERS INSTALLATION



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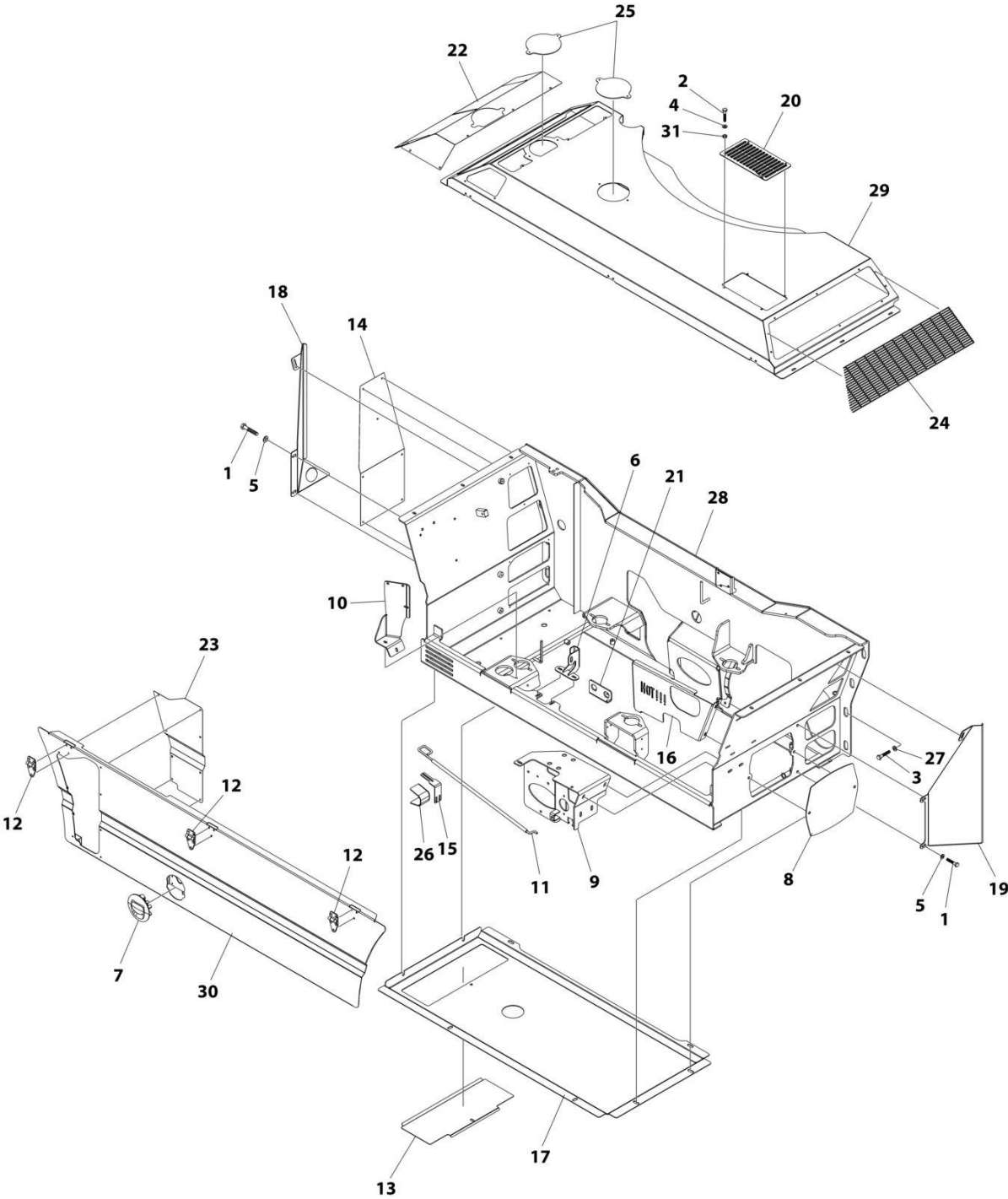
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-2. FENDERS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001279538	Ref	FENDERS INSTALLATION	A
1	0700812	10	Bolt M8 x 25	
2	0701014	8	Bolt M10 x 30	
3	0761210	12	Bolt M12 x 20	
4	0761214	24	Bolt M12 x 30	
5	3290805	10	Nut, Lock M8	
6	4811902	10	Washer M8	
7	4812100	12	Washer M12	
8	1001275802	2	Ladder	
9	1001275806	1	Plate, Tank Protection	
10	1001275807	4	Cover, Outrigger	
11	1001275811	2	Fender, Left	
12	1001275812	2	Fender, Right	
14	1001275827	1	Bracket	
15	1001276085	1	Plate	
16	1001276086	1	Bracket	
17	1001276103	1	Cover	
18	1001276110	1	Bracket	
19	1001276196	1	Plate	
20	1001276201	1	Plate	
21	1001278498	24	Washer, Spring M12	
22	1001279543	12	Washer, Spring M12	
23	1001279544	4	Plug	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-3. ENGINE ENCLOSURE INSTALLATION



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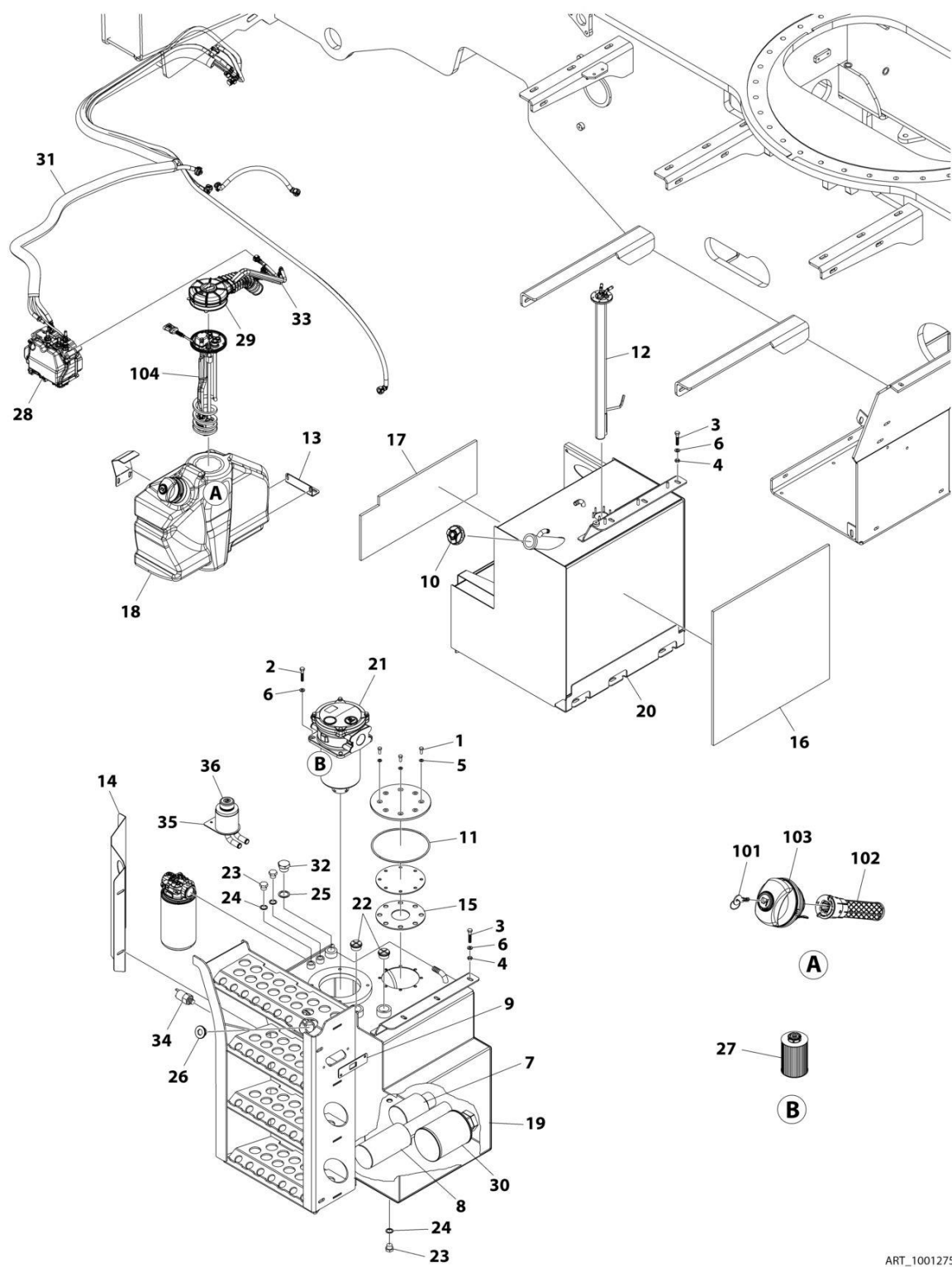
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-3. ENGINE ENCLOSURE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001279540	Ref	ENGINE ENCLOSURE INSTALLATION	A
1	0700812	6	Bolt M8 x 25	
2	0760508	4	Bolt M5 x 16	
3	0762016	10	Bolt M20 x 40	
4	4811602	4	Washer M5	
5	4811902	6	Washer M8	
6	1001274737	1	Bracket	
7	1001275078	1	Handle	
8	1001275343	1	Cover	
9	1001275817	1	Bracket	
10	1001275819	1	Bracket	
11	1001275830	1	Rod	
12	1001276079	3	Hinge	
13	1001276082	1	Cover	
14	1001276084	1	Cover	
15	1001276098	1	Bracket	
16	1001276100	1	Cover	
17	1001276101	1	Cover	
18	1001276192	1	Cover	
19	1001276193	1	Cover	
20	1001276197	1	Cover, Vented	
21	1001276203	1	Plate	
22	1001276207	1	Cover	
23	1001276208	1	Cover	
24	1001276209	1	Screen	
25	1001276216	2	Cover	
26	1001276413	1	Cover	
27	1001278060	10	Washer M22	
28	1001279548	1	Enclosure, Engine	
29	1001279549	1	Hood, Engine Enclosure	
30	1001279550	1	Panel	
31	1001279551	4	Washer, Lock	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-4. TANKS INSTALLATION



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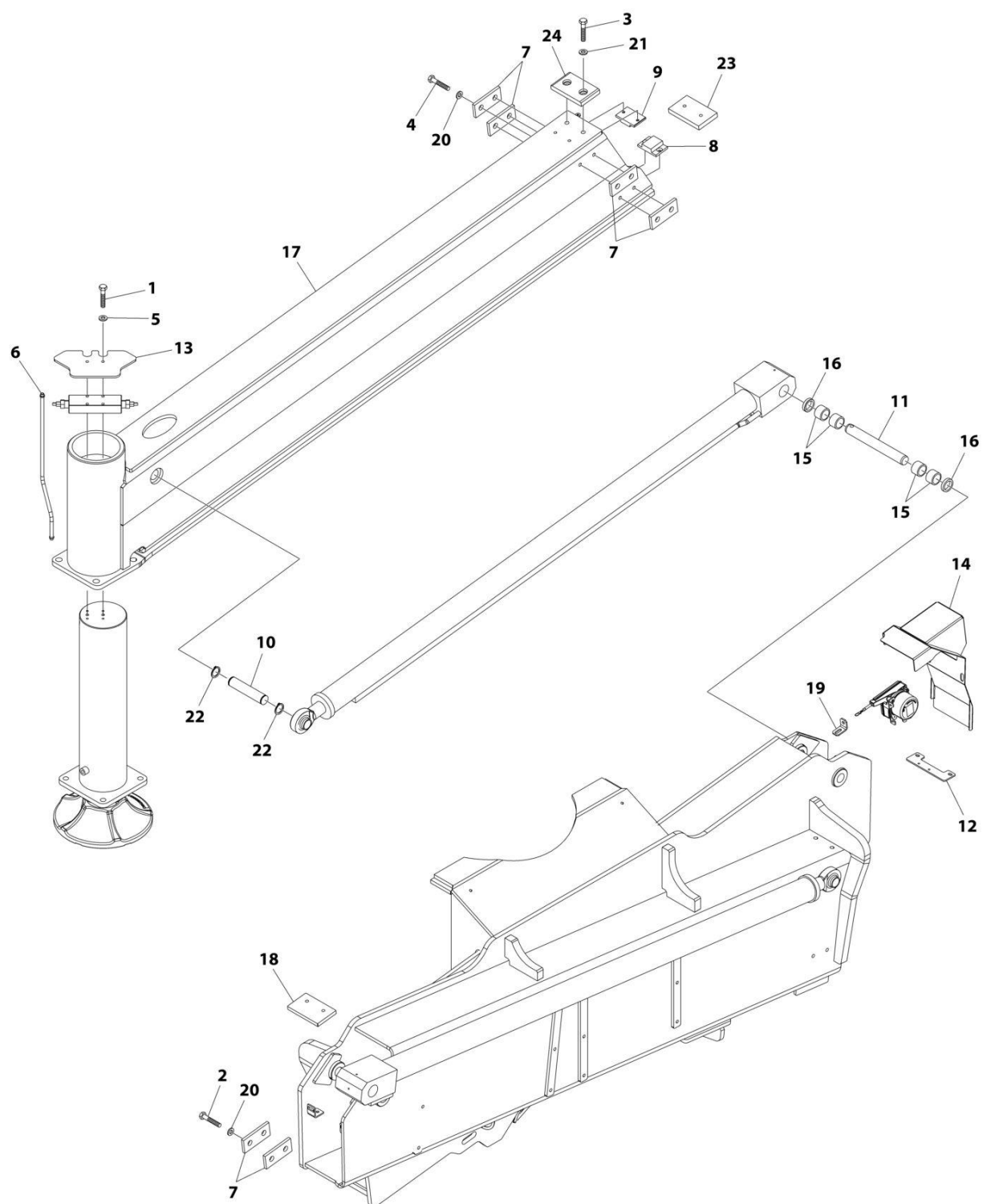
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-4. TANKS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275752	Ref	TANKS INSTALLATION	D
1	0700810	8	Bolt M8 x 20	
2	0700812	4	Bolt M8 x 25	
3	0701215	9	Bolt M12 x 35	
4	3291205	9	Nut, Lock M12	
5	4811900	8	Washer M8	
6	4812100	13	Washer M12	
7	1001274763	1	Filter	
8	1001274764	1	Filter	
9	1001275818	1	Plate	
10	1001275918	1	Cap, Fuel Tank	
11	1001302444	1	O-Ring	
12	1001275984	1	Sensor, Fuel Level	
13	1001276086	1	Bracket	
14	1001276096	1	Cover	
15	1001276417	1	Gasket	
16	1001276418	1	Insulate, Rear Fuel Tank	
17	1001276419	1	Insulate, Front Fuel Tank	
18	1001276420	1	Tank, DEF (Includes Items 101-104)	
19	1001276422	1	Tank, Oil	
20	1001276437	1	Tank, Fuel	
21	1001276477	1	Filter, Oil	
22	1001277160	2	Cap, Oil Tank	
23	1001277528	3	Plug	
24	1001278186	3	Washer	
25	1001279296	1	Washer	
26	1001279354	1	Plug	
27	1001280479	1	Element, Oil Filter	
28	1001280579	1	Pump, DEF	B
28	1001277182	1	Filter, DEF Pump (Not Shown)	
29	1001280580	1	Cap, DEF Tank	
30	1001280583	1	Filter	
31	1001280584	1	Hoses Bundle	
32	1001280585	1	Plug	
33	1001280587	1	Hose	
34	1001280588	1	Sensor, Oil Temperature	
35	1001275804	1	Breather, Oil Tank	
36	1001280582	1	Cap, Oil Tank Breather	
101	1001276889	1	Key	
102	1001277154	1	Filter	
103	1001277161	1	Cap, DEF Tank	
104	1001280586	1	Sensor, DEF Level	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-5. OUTRIGGERS INSTALLATION



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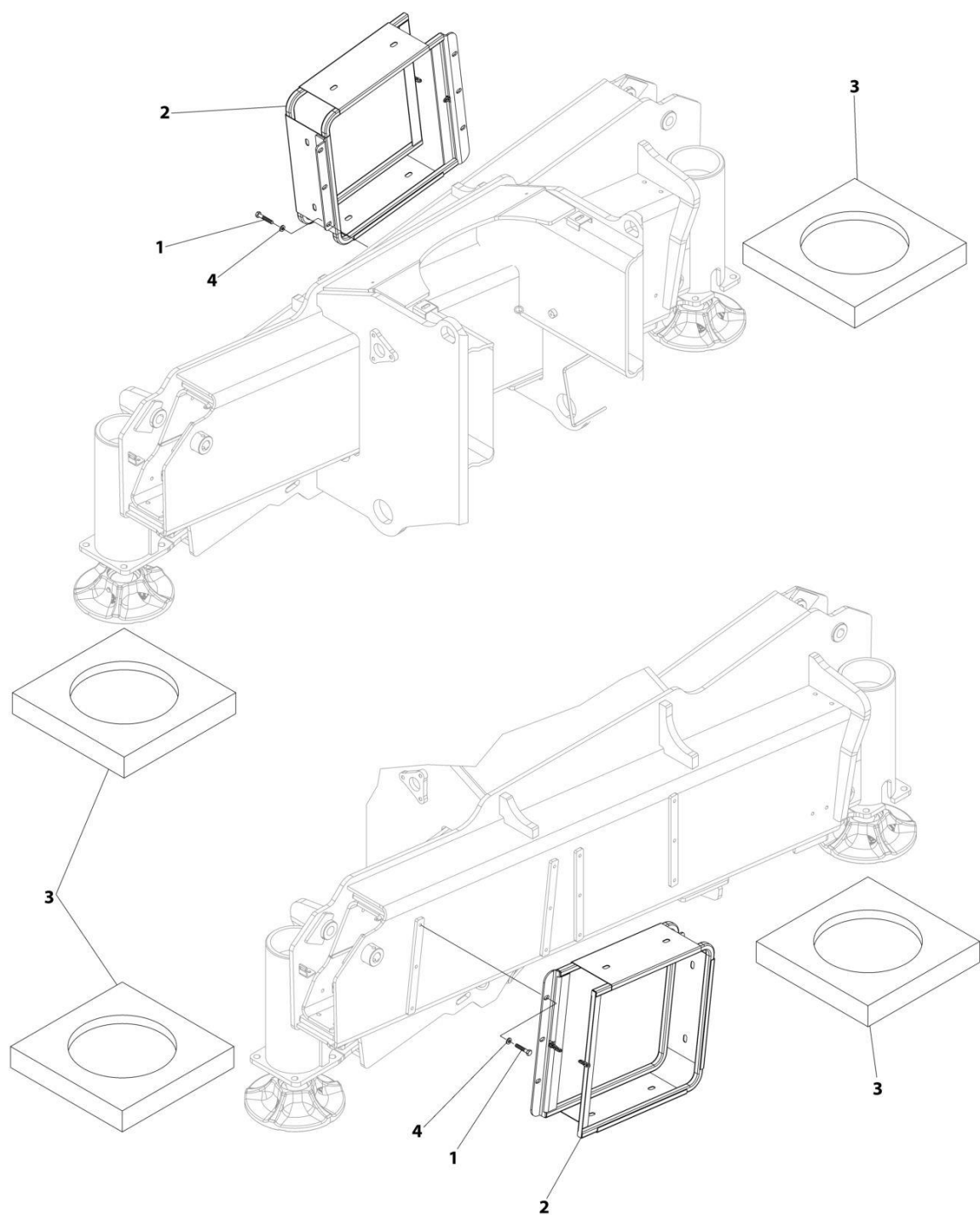
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-5. OUTRIGGERS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280571	Ref	OUTRIGGERS INSTALLATION	C
1	0700818	2	Bolt M8 x 50	
2	0701012	4	Bolt M10 x 25	
3	0701216	2	Bolt M12 x 40	
4	0761010	8	Bolt M10 x 20	
5	4811902	2	Washer M8	
6	1001275030	1	Pipe	
7	1001275044	6	Pad, Wear	
8	1001275047	1	Pad, Wear	
9	1001275048	1	Pad, Wear	
10	1001275065	1	Pin	
11	1001275066	1	Pin	
12	1001275344	1	Plate	
13	1001275345	1	Plate	
14	1001275807	1	Cover	
15	1001275981	4	Bushing	
16	1001276410	2	Bushing	
17	1001276941	1	Arm, Outrigger	
18	1001276970	1	Pad, Wear	
19	1001277784	1	Bracket	
20	1001278078	12	Washer, Spring M10	
21	1001278498	2	Washer, Spring M12	
22	1001278502	2	Ring, Retaining	
23	1001278503	1	Pad, Wear	
24	1001275049	1	Pad, Wear	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-6. OUTRIGGER PLATFORMS INSTALLATION



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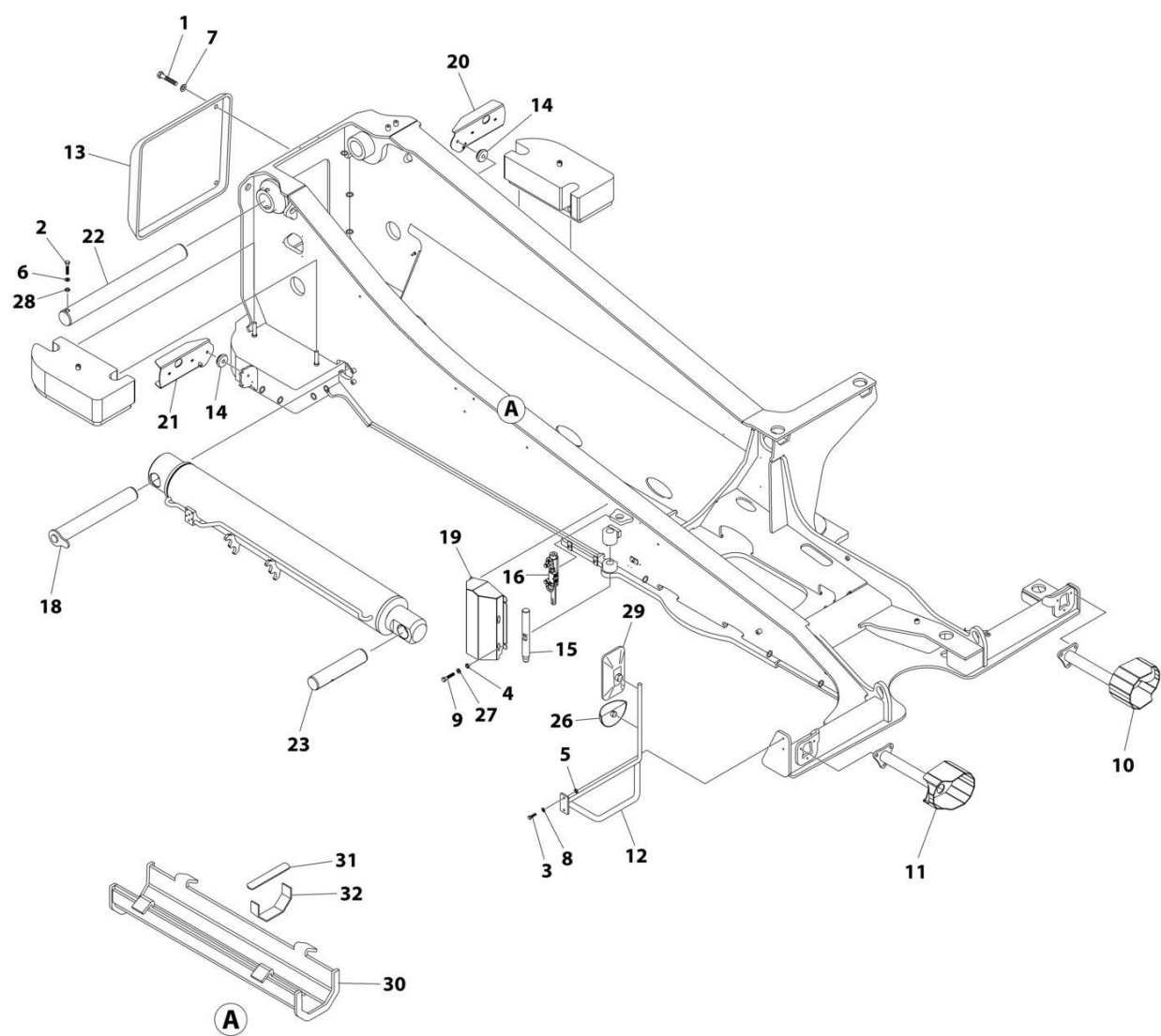
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-6. OUTRIGGER PLATFORMS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276032	Ref	OUTRIGGER PLATFORMS INSTALLATION	C
1	0761208	12	Bolt M12 x 16	
2	1001274697	2	Box, Platform	
3	1001277711	4	Platform, Outrigger	
4	1001278498	12	Washer M12	
5	1001299100	1	Carabiner (Not Shown)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-7. TURNTABLE INSTALLATION



ART_1001279541

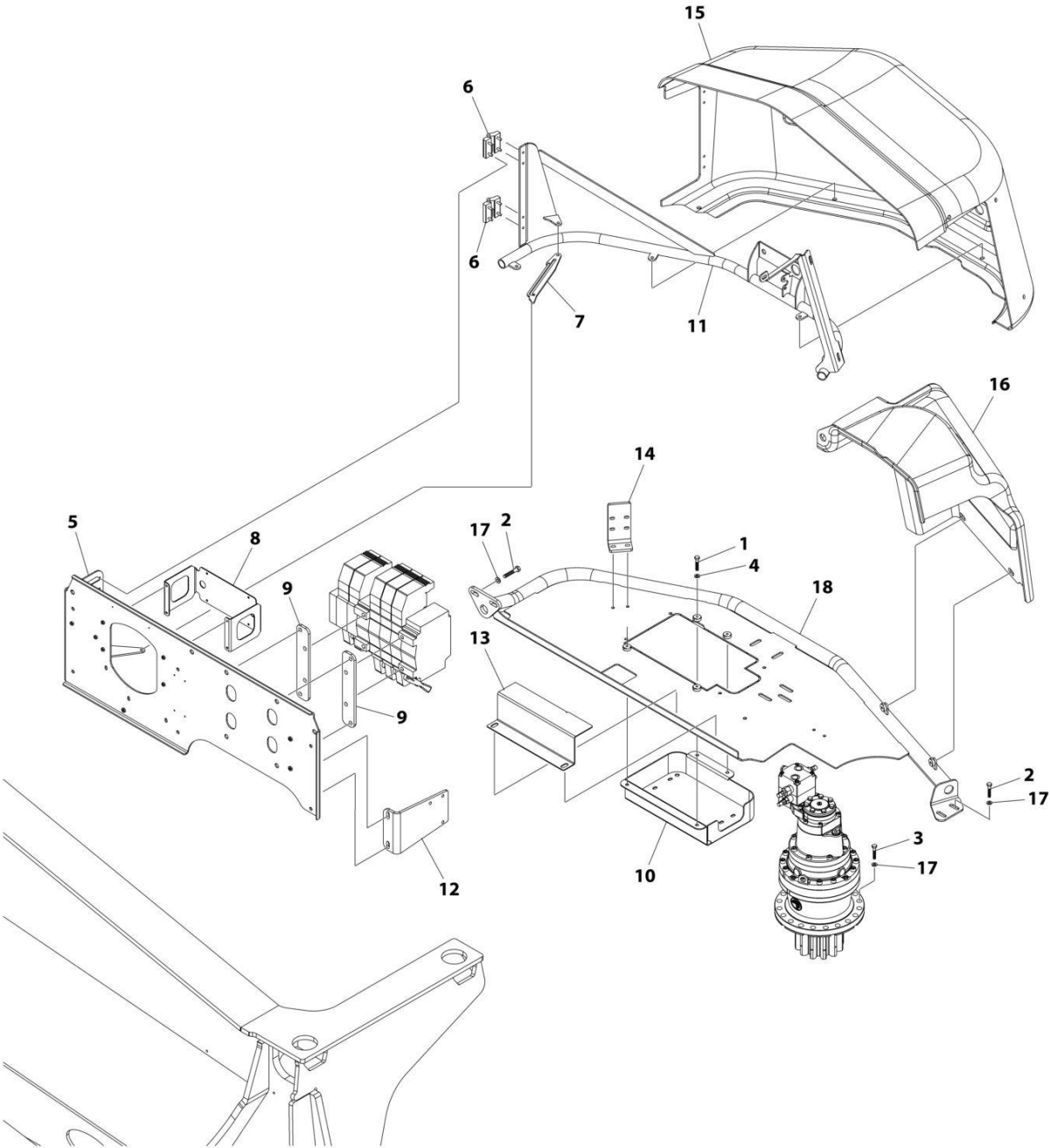
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-7. TURNTABLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001279541	Ref	TURNTABLE INSTALLATION	B
1	0700808	4	Bolt M8 x 16	
2	0760508	1	Bolt M5 x 16	
3	0761016	2	Bolt M10 x 40	
4	3290805	4	Nut, Lock M8	
5	3291005	4	Nut, Lock M10	
6	4811602	1	Washer M5	
7	4811902	4	Washer M8	
8	4812000	2	Washer M10	
9	1001009162	4	Capscrew	
10	1001274724	1	Mount, Left Headlight	
11	1001274725	1	Mount, Right Headlight	
12	1001274738	1	Bracket, Mirror	
13	1001274742	1	Cover	
14	1001275051	2	Mount	
15	1001275096	1	Pin	
16	1001275714	1	Cylinder, Locking	
18	1001275810	1	Pin	
19	1001276087	1	Cover	
20	1001276088	1	Mount, Left Taillight	
21	1001276090	1	Mount, Right Taillight	
22	1001276205	1	Pin	
23	1001276206	1	Pin	
26	1001278065	1	Mirror	
27	1001278071	4	Washer	
28	1001279551	2	Washer, Lock	
29	1001278064	1	Mirror	
30	1001282158	1	Bracket	
31	1001278066	2	Gasket	
32	1001278067	1	Seal	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-8. TURNTABLE HOOD INSTALLATION



ART_1001279542

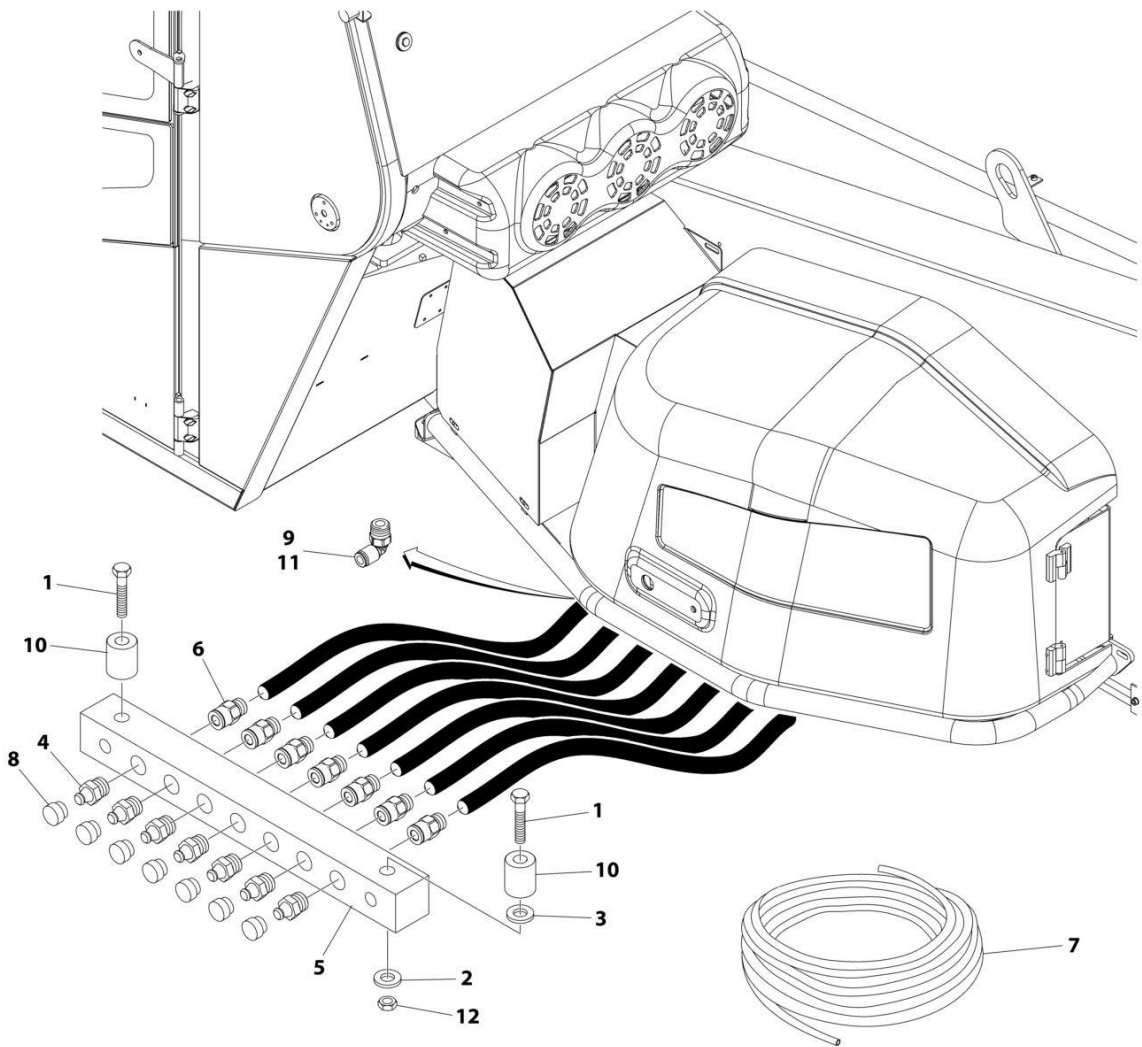
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-8. TURNTABLE HOOD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001279542	Ref	TURNTABLE HOOD INSTALLATION	A
1	0700810	4	Bolt M8 x 20	
2	0701014	5	Bolt M10 x 30	
3	0701220	20	Bolt M12 x 60	
4	4811900	4	Washer M8	
5	1001274691	1	Panel	
6	1001275073	2	Hinge	
7	1001275279	1	Bracket	
8	1001275553	1	Bracket	
9	1001275555	2	Plate	
10	1001275820	1	Support	
11	1001275822	1	Support, Hood	
12	1001276111	1	Bracket	
13	1001276191	1	Bracket	
14	1001276215	1	Bracket	
15	1001276411	1	Hood	
16	1001276412	1	Cover	
17	1001278498	25	Washer, Spring M12	
18	1001279555	1	Platform, Enclosure	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-9. CENTRAL LUBRICATION INSTALLATION



ART_1001280460

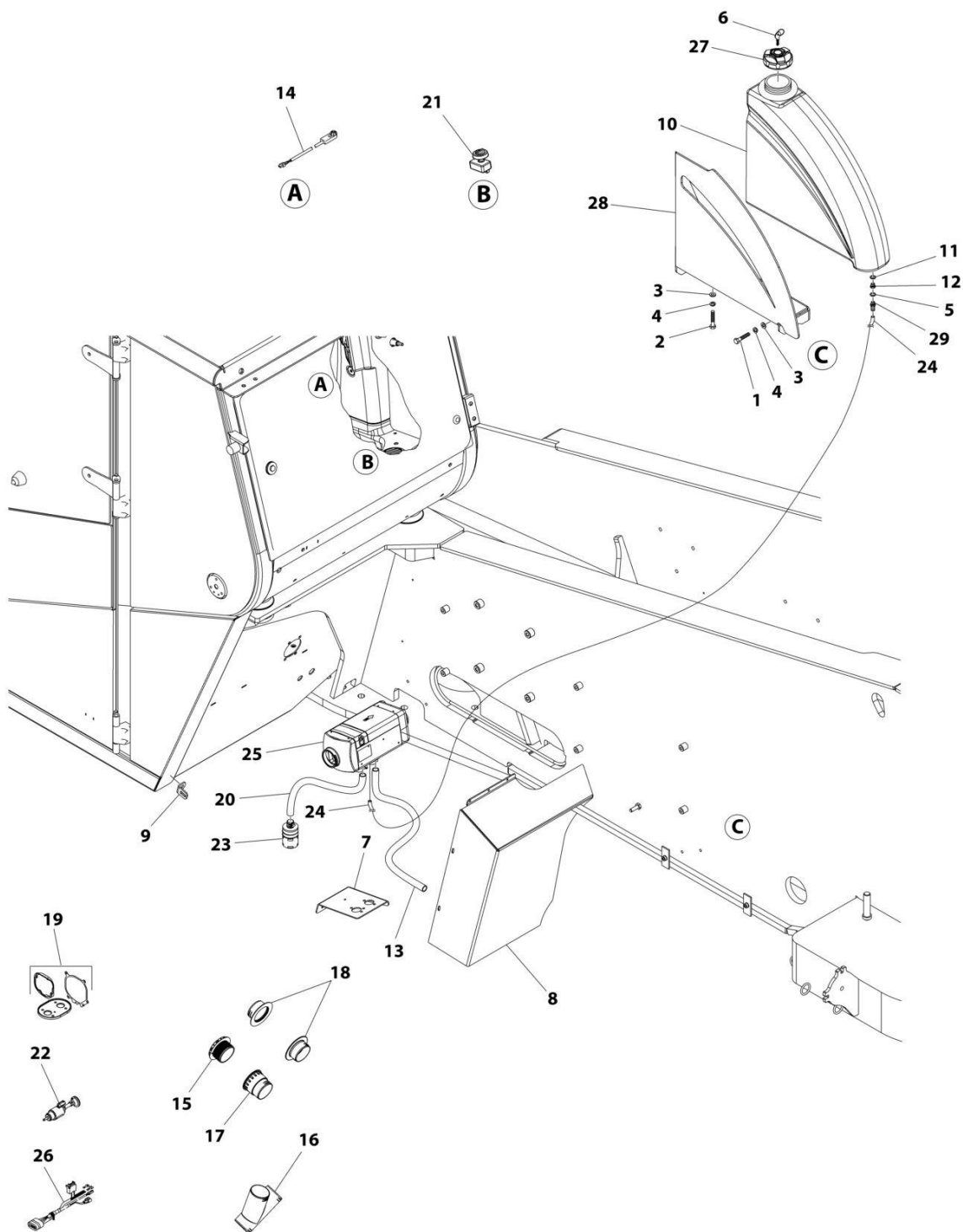
SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-9. CENTRAL LUBRICATION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280460	Ref	CENTRAL LUBRICATION INSTALLATION	B
1	4031717	2	Capscrew M8 x 65	
2	4811700	2	Washer M6	
3	4811702	2	Washer M6	
4	1001276078	7	Fitting, Grease	
5	1001276336	1	Manifold	
6	1001276542	7	Fitting	
7	1001280472	AR	Hose	
8	1001280473	7	Cap	
9	1001280474	3	Coupling M10	
10	1001280908	2	Spacer	
11	1001283239	4	Coupling M8	
12	3290605001	2	Nut, Lock M6	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-10. DIESEL HEATER INSTALLATION



ART_1001281356

SECTION 1 - FRAME AND ATTACHING PARTS

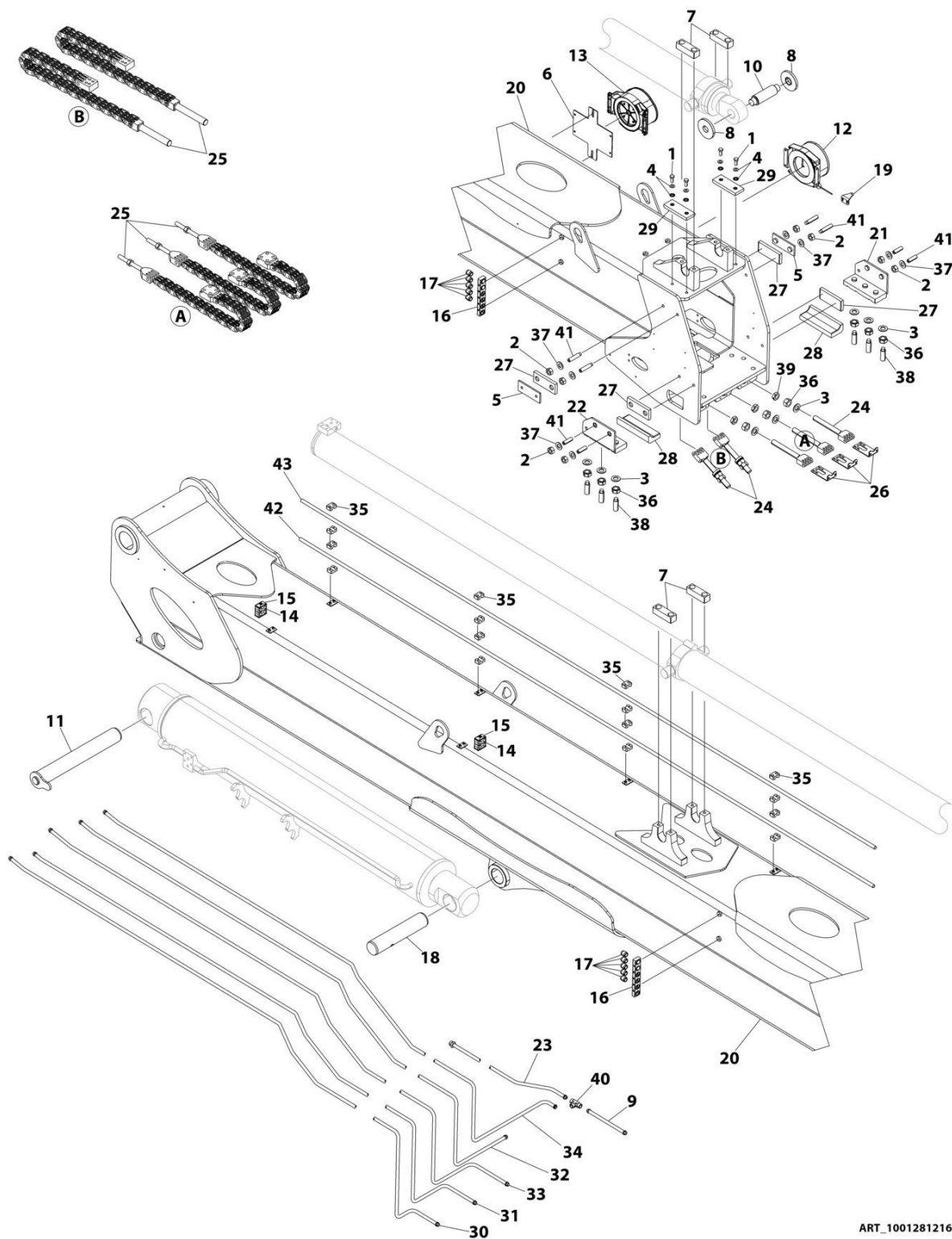
FIGURE 1-10. DIESEL HEATER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281356	Ref	DIESEL HEATER INSTALLATION	B
1	0701012	3	Bolt M10 x 25	
2	0761010	2	Bolt M10 x 20	
3	4812002	5	Washer M10	
4	4832000	5	Washer M10	
5	1001102933	1	Seal	
6	1001276889	1	Key	
7	1001277760	1	Bracket	
8	1001277766	1	Cover	
9	1001277784	1	Bracket	
10	1001277796	1	Tank	
11	1001279292	1	Washer	
12	1001294738	1	Fitting, Straight	
13	1001281361	1	Pipe, Exhaust	
14	1001281362	1	Sensor, Temperature	
15	1001281363	1	Vent, Intake	
16	1001281364	1	Fitting, Y	
17	1001281365	1	Reducer	
18	1001281366	2	Sleeve	
19	1001281367	1	Kit, O-Ring	
20	1001281368	1	Hose	
21	1001281369	1	Switch, Power	
22	1001281370	1	Pump, Fuel	
23	1001281371	1	Muffler	
24	1001281372	1	Hose	
25	1001281373	1	Radiator	
26	1001281374	1	Harness, Heater	
27	1001281375	1	Cap	
28	1001281376	1	Bracket	
29	1001281377	1	Adapter	

SECTION 2 - BOOM

SECTION 2 - BOOM

FIGURE 2-1. BASE BOOM ASSEMBLY



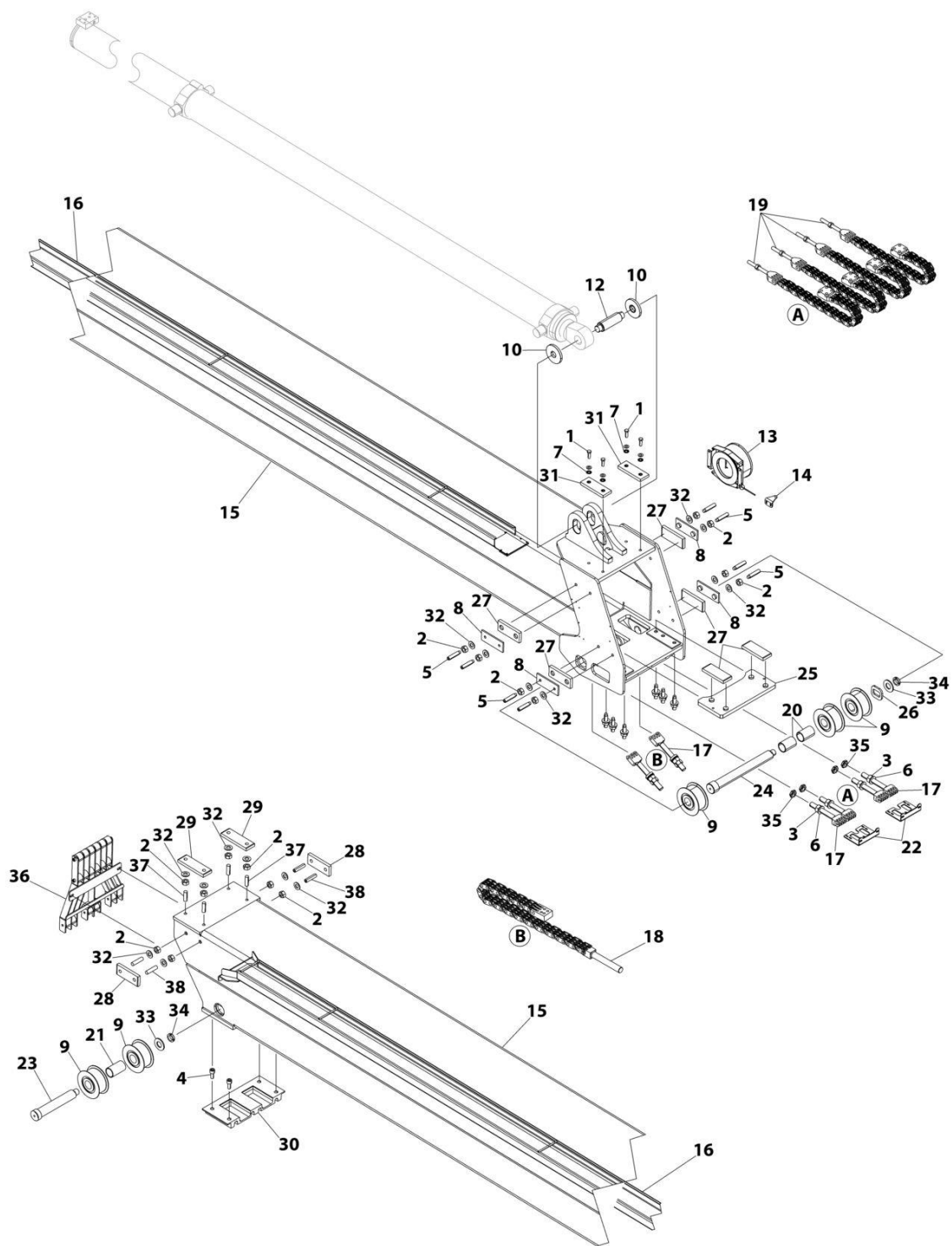
ART_1001281216

FIGURE 2-1. BASE BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281216	Ref	BASE BOOM ASSEMBLY	A
1	0761214	4	Bolt M12 x 30	
2	3291601	8	Nut M16	
3	4812700	9	Washer M24	
4	1001250875	8	Washer, Lock	
5	1001274571	2	Support, Side Wear Pad	
6	1001274595	1	Plate	
7	1001274596	4	Block, Fixing	
8	1001274599	2	Bushing	
9	1001275033	1	Pipe	
10	1001275067	1	Pin	
11	1001275810	1	Pin	
12	1001275886	1	Reel, Boom Cable	
13	1001275891	1	Reel, Boom Cable	
14	1001276006	2	Clamp, Split	
15	1001276074	2	Cover, Split Clamp	
16	1001276075	2	Bracket	
17	1001276076	10	Bushing	
18	1001276206	1	Pin	
19	1001276218	1	Bracket	
20	1001276532	1	Boom, Base	
21	1001276539	1	Bracket	
22	1001276540	1	Bracket	
23	1001276543	1	Pipe	
24	1001276547	5	Clevis, Chain	
25	1001276783	5	Chain, Boom Extend	
26	1001276800	3	Guide	
27	1001276814	4	Pad, Wear	
28	1001276817	2	Pad, Wear	
29	1001276820	2	Pad, Wear	
30	1001276828	1	Pipe	
31	1001276829	1	Pipe	
32	1001276830	1	Pipe	
33	1001276831	1	Pipe	
34	1001276832	1	Pipe	
35	1001276960	8	Clamp, Split	
36	1001278720	9	Nut M24	
37	1001278721	8	Washer, Spring	
38	1001281225	6	Set Screw M24 x 70	
39	1001281228	3	Nut M24	
40	1001281246	1	Fitting, Tee	
41	1001282916	8	Set Screw M16 x 100	
42	1001282918	1	Pipe	
43	1001282919	1	Pipe	

SECTION 2 - BOOM

FIGURE 2-2. SECOND BOOM ASSEMBLY



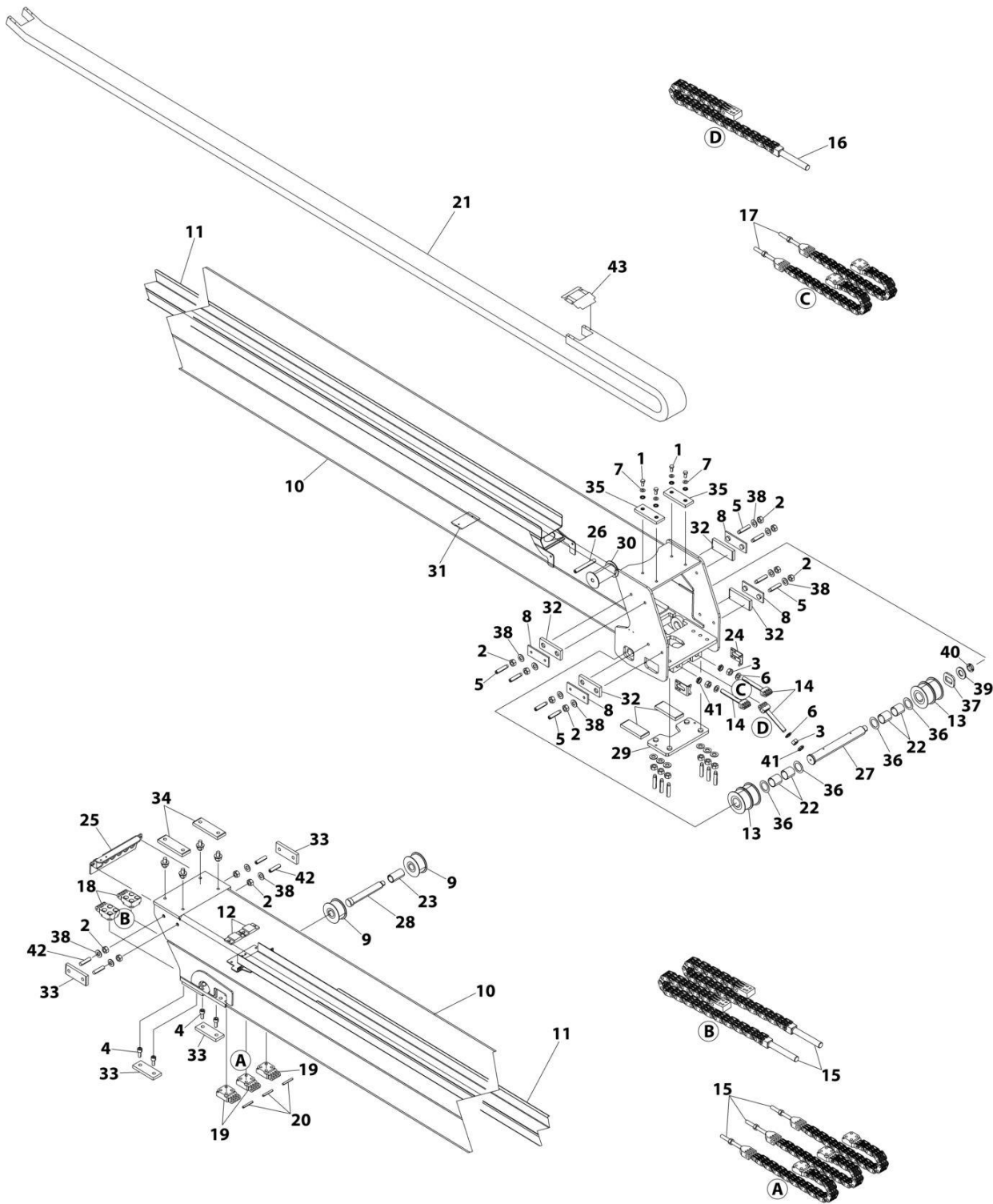
ART_1001281217

FIGURE 2-2. SECOND BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281217	Ref	SECOND BOOM ASSEMBLY	B
1	0701215	4	Bolt M12 x 35	
2	3291601	16	Nut M16	
3	3332011	4	Nut M20	
4	4032311	4	Capscrew M16 x 35	
5	4092316	8	Set Screw M16 x 60	
6	4812500	4	Washer M20	
7	1001250875	4	Washer, Lock	
8	1001274571	4	Support, Side Wear Pad	
9	1001274585	5	Sheave, Chain	
10	1001274599	2	Spacer	
12	1001275067	1	Pin	
13	1001275886	1	Reel, Boom Cable	
14	1001276218	1	Bracket	
15	1001276533	1	Boom, Second	
16	1001276537	1	Tray, Chain	
17	1001276548	6	Clevis	
18	1001276784	1	Chain, Boom Retract	
19	1001276786	4	Chain, Boom Extend	
20	1001276794	2	Spacer	
21	1001276795	1	Spacer	
22	1001276799	2	Bracket	
23	1001276804	1	Pin	
24	1001276807	1	Pin	
25	1001276808	1	Plate	
26	1001276811	1	Plate	
27	1001276814	6	Pad, Wear	
28	1001276815	2	Pad, Wear	
29	1001276816	2	Pad, Wear	
30	1001276818	1	Bracket	
31	1001276820	2	Pad, Wear	
32	1001278721	16	Washer, Spring	
33	1001278726	2	Washer	
34	1001278728	2	Nut, Ring M28	
35	1001281235	4	Nut M20	
36	1001281236	1	Hose Guide Assembly (See Separate Breakdown in this Section)	
37	1001282916	4	Capscrew M16 x 100	
38	1001282917	4	Capscrew M16 x 70	

SECTION 2 - BOOM

FIGURE 2-3. THIRD BOOM ASSEMBLY



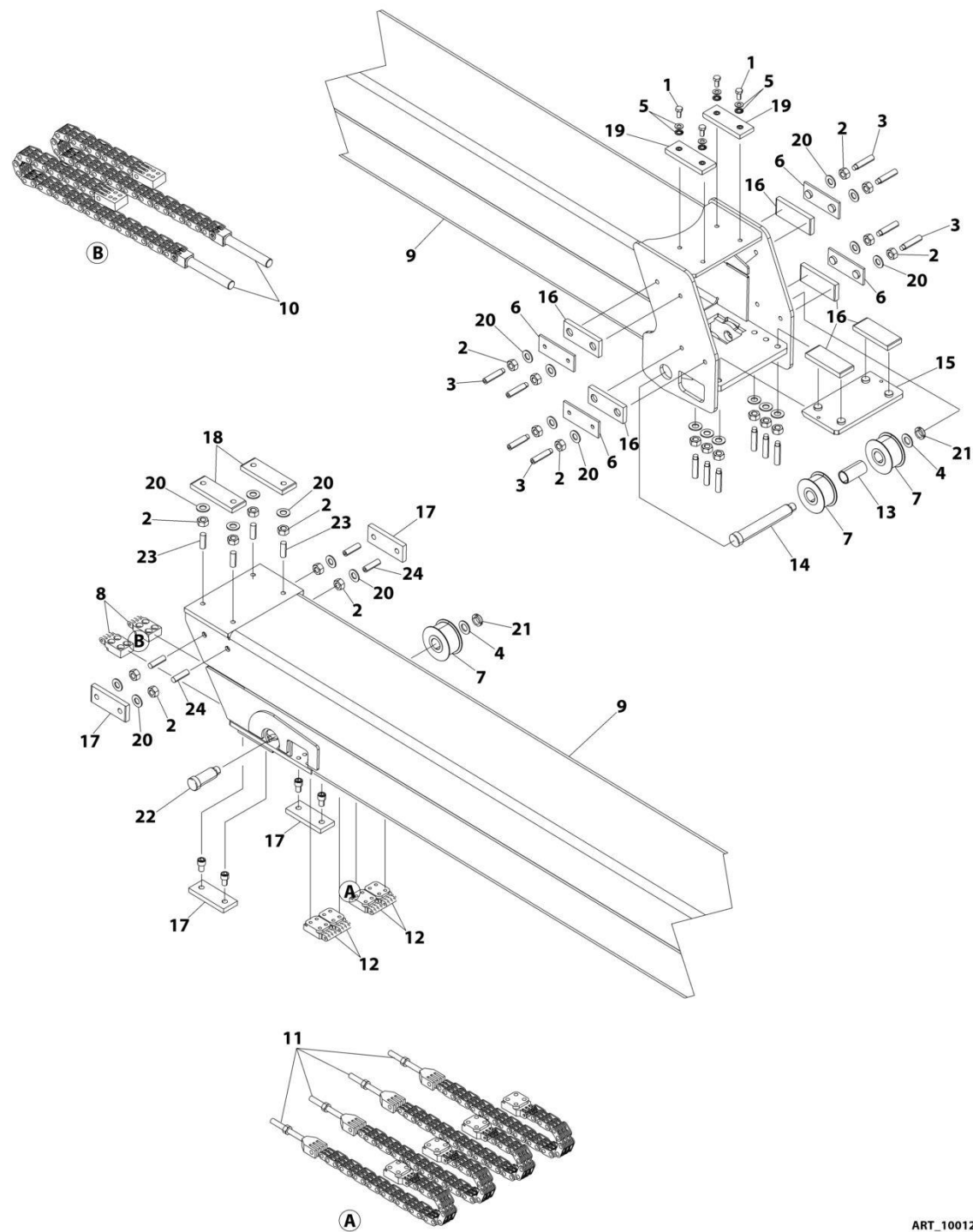
ART_1001281218

FIGURE 2-3. THIRD BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281218	Ref	THIRD BOOM ASSEMBLY	C
1	0761212	4	Bolt M12 x 25	
2	3291601	12	Nut M16	
3	3332011	3	Nut M20	
4	4032311	4	Capscrew M16 x 35	
5	4092316	8	Set Screw M16 x 60	
6	4812500	3	Washer M20	
7	1001250875	4	Washer	
8	1001274571	4	Support, Side Wear Pad	
9	1001274584	2	Sheave, Chain	
10	1001276534	1	Boom, Third	
11	1001276538	1	Tray, Chain	
12	1001276545	2	Pad, Wear	
13	1001276546	2	Sheave, Chain	
14	1001276548	3	Clevis	
15	1001276783	5	Chain, Boom Extend	
16	1001276785	1	Chain, Boom Retract	
17	1001276787	2	Chain, Boom Extend	
18	1001276788	2	Clevis	
19	1001276789	3	Clevis	
20	1001276791	3	Pin	
21	1001276792	1	Track, Hose & Cable	
22	1001276793	4	Bushing	
23	1001276796	1	Spacer	
24	1001276797	2	Guide	
25	1001276801	1	Bracket	
26	1001276803	1	Pin	
27	1001276805	1	Pin	
28	1001276806	1	Pin	
29	1001276809	1	Pin	
30	1001276812	1	Roller	
31	1001276813	1	Pad, Wear	
32	1001276814	6	Pad, Wear	
33	1001276815	4	Pad, Wear	
34	1001276816	2	Pad, Wear	
35	1001276820	2	Pad, Wear	
36	1001276918	4	Shim	
37	1001277168	1	Plate	
38	1001278721	12	Washer	
39	1001278726	1	Washer	
40	1001278728	1	Nut M28	
41	1001281235	3	Nut M20	
42	1001282917	4	Set Screw M16 x 70	
43	1001302525	1	Plate	

SECTION 2 - BOOM

FIGURE 2-4. FOURTH BOOM ASSEMBLY



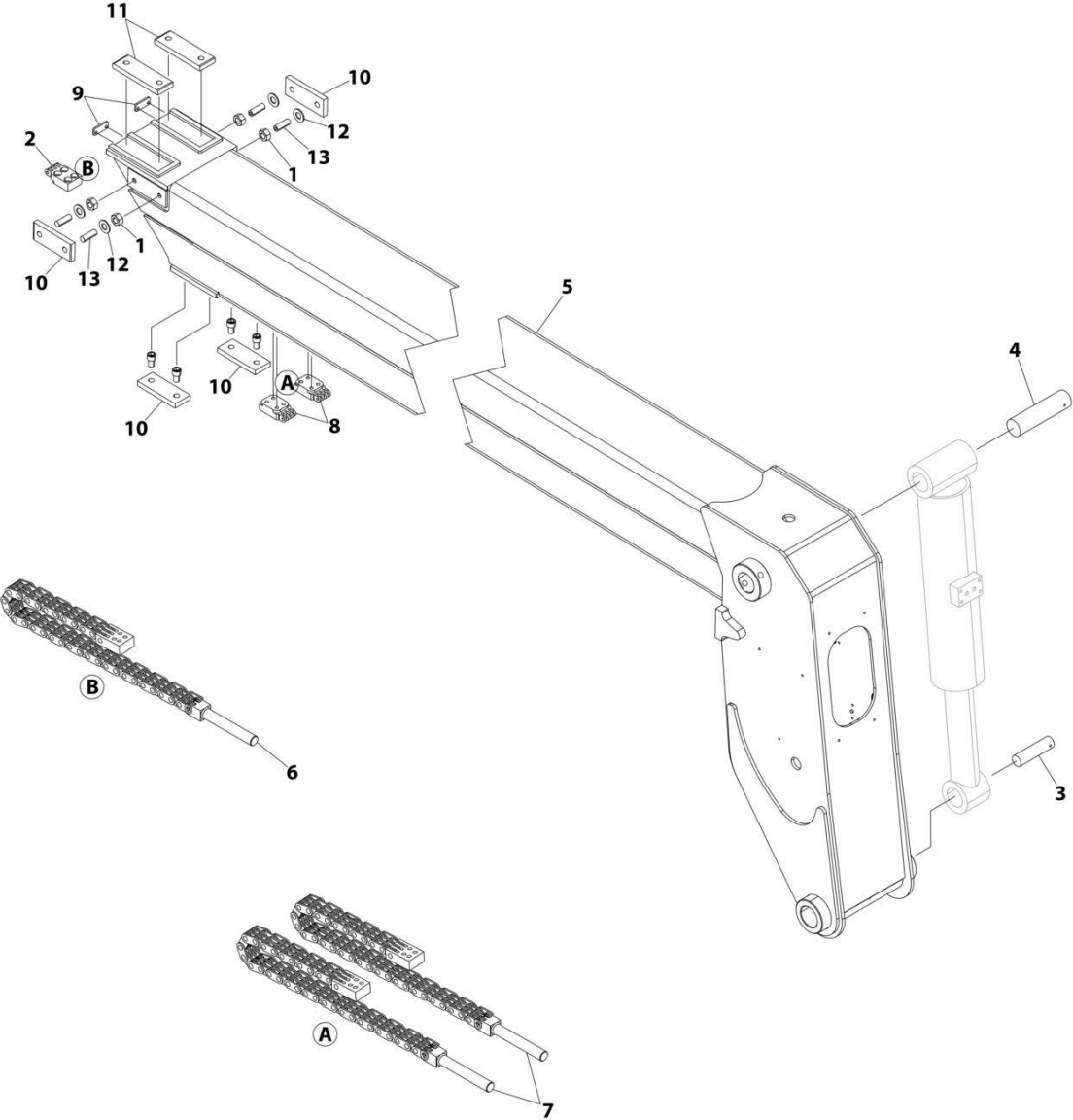
ART_1001281219

FIGURE 2-4. FOURTH BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281219	Ref	FOURTH BOOM ASSEMBLY	C
1	0761212	4	Bolt M12 x 25	
2	3332011	16	Nut M20	
3	4092316	8	Set Screw M16 x 60	
4	4812700	2	Washer M24	
5	1001250875	8	Washer	
6	1001274571	4	Support, Side Wear Pad	
7	1001274584	3	Sheave, Chain	
8	1001299011	2	Clevis	
9	1001276535	1	Boom, Fourth	
10	1001276784	2	Chain, Boom Retract	
11	1001276786	4	Chain, Boom Extend	
12	1001276790	4	Clevis	
13	1001276796	1	Spacer	
14	1001276806	1	Pin	
15	1001276810	1	Plate	
16	1001276814	6	Pad, Wear	
17	1001276815	4	Pad, Wear	
18	1001276816	2	Pad, Wear	
19	1001276820	2	Pad, Wear	
20	1001278722	16	Washer, Spring	
21	1001278727	2	Nut M24	
22	1001278738	1	Pin	
23	1001282916	4	Set Screw M16 x 100	
24	1001282917	4	Set Screw M16 x 70	

SECTION 2 - BOOM

FIGURE 2-5. FLY BOOM ASSEMBLY



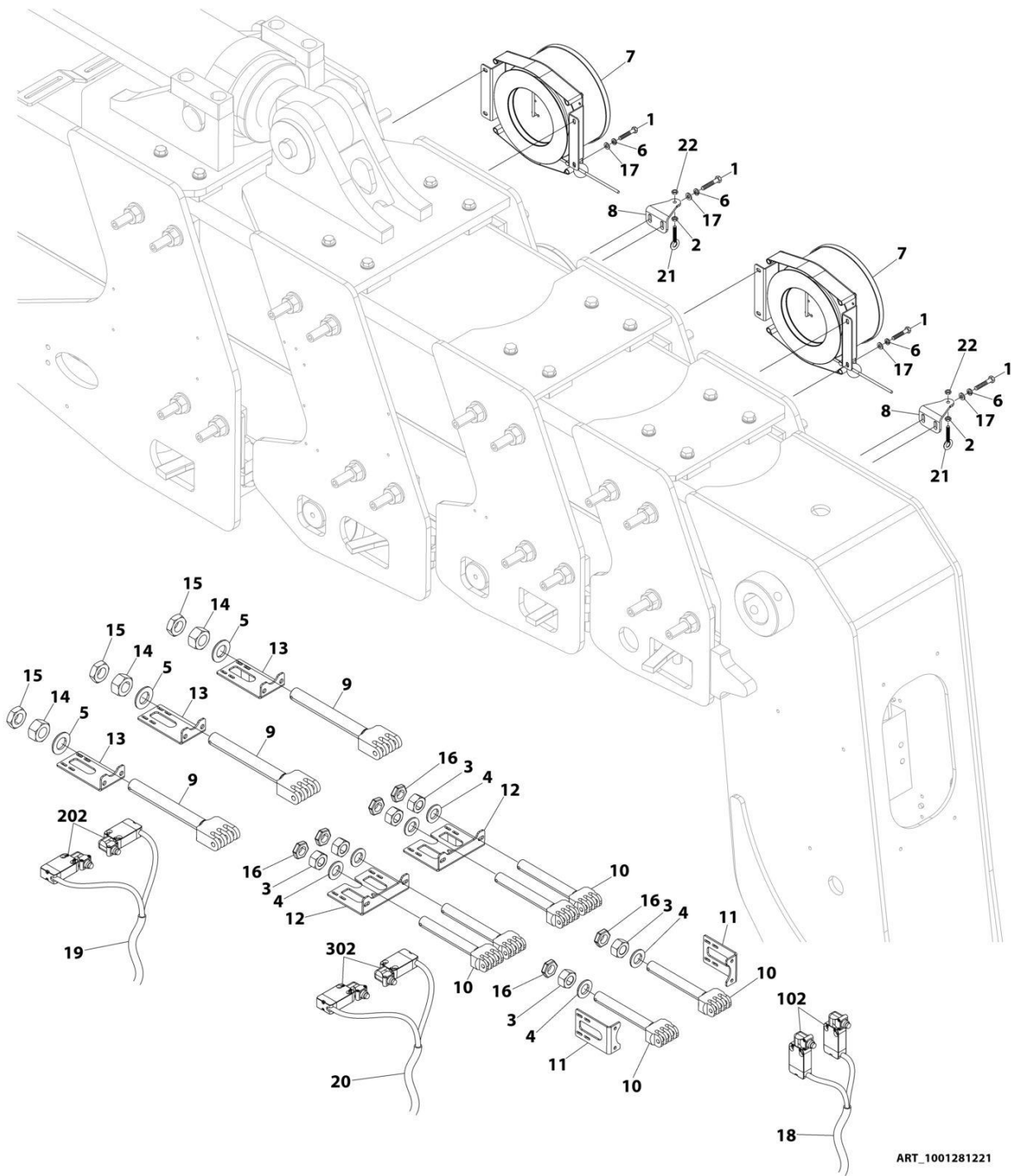
ART_1001281220

FIGURE 2-5. FLY BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281220	Ref	FLY BOOM ASSEMBLY	B
1	3291601	4	Nut M16	
2	1001299011	1	Clevis	
3	1001274667	1	Pin	
4	1001275980	1	Pin	
5	1001276536	1	Boom, Fly	
6	1001276785	1	Chain, Boom Retract	
7	1001276787	2	Chain, Boom Extend	
8	1001276790	2	Clevis	
9	1001276798	2	Plate	
10	1001276815	4	Pad, Wear	
11	1001276816	2	Pad, Wear	
12	1001278721	4	Washer	
13	1001282917	4	Set Screw M16 x 70	

SECTION 2 - BOOM

FIGURE 2-6. BOOM REEL ASSEMBLY



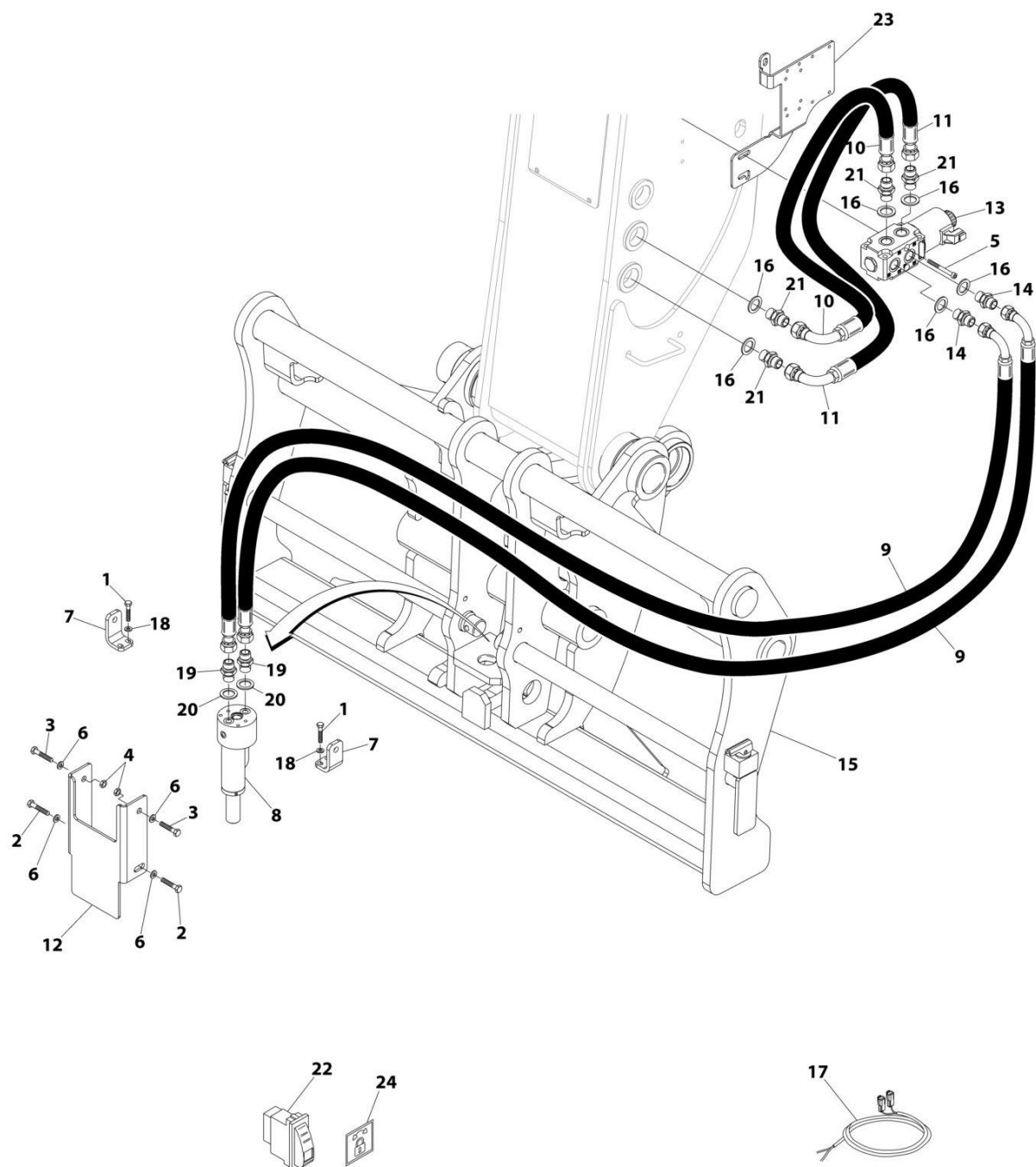
ART_1001281221

FIGURE 2-6. BOOM REEL ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281221	Ref	BOOM REEL ASSEMBLY	A
1	0760608	12	Bolt M6 x 16	
2	3290601	2	Nut M6	
3	3332011	6	Nut M20	
4	4812500	6	Washer M20	
5	4812700	3	Washer M24	
6	4831700	12	Washer, Lock M6	
7	1001275886	2	Reel, Boom Cable	
8	1001276218	2	Bracket	
9	1001276547	3	Clevis	
10	1001276548	6	Clevis	
11	1001276797	2	Guide	
12	1001276799	2	Guide	
13	1001276800	3	Guide	
14	1001278720	3	Nut M24	
15	1001281228	3	Nut M24	
16	1001281235	6	Nut M20	
17	1001281237	12	Washer M6	
18	1001281238	1	Limit Switch Harness (Includes Item 102)	
19	1001281239	1	Limit Switch Harness (Includes Item 202)	
20	1001281240	1	Limit Switch Harness (Includes Item 302)	
21	1001281245	2	Bolt, Eye M6	
22	3290605001	2	Nut, Lock M6	
102	1001281244	2	Sensor, Limit Switch	
202	1001281244	2	Sensor, Limit Switch	
302	1001281244	2	Sensor, Limit Switch	

SECTION 2 - BOOM

FIGURE 2-7. COUPLER ASSEMBLY (HYDRAULIC)



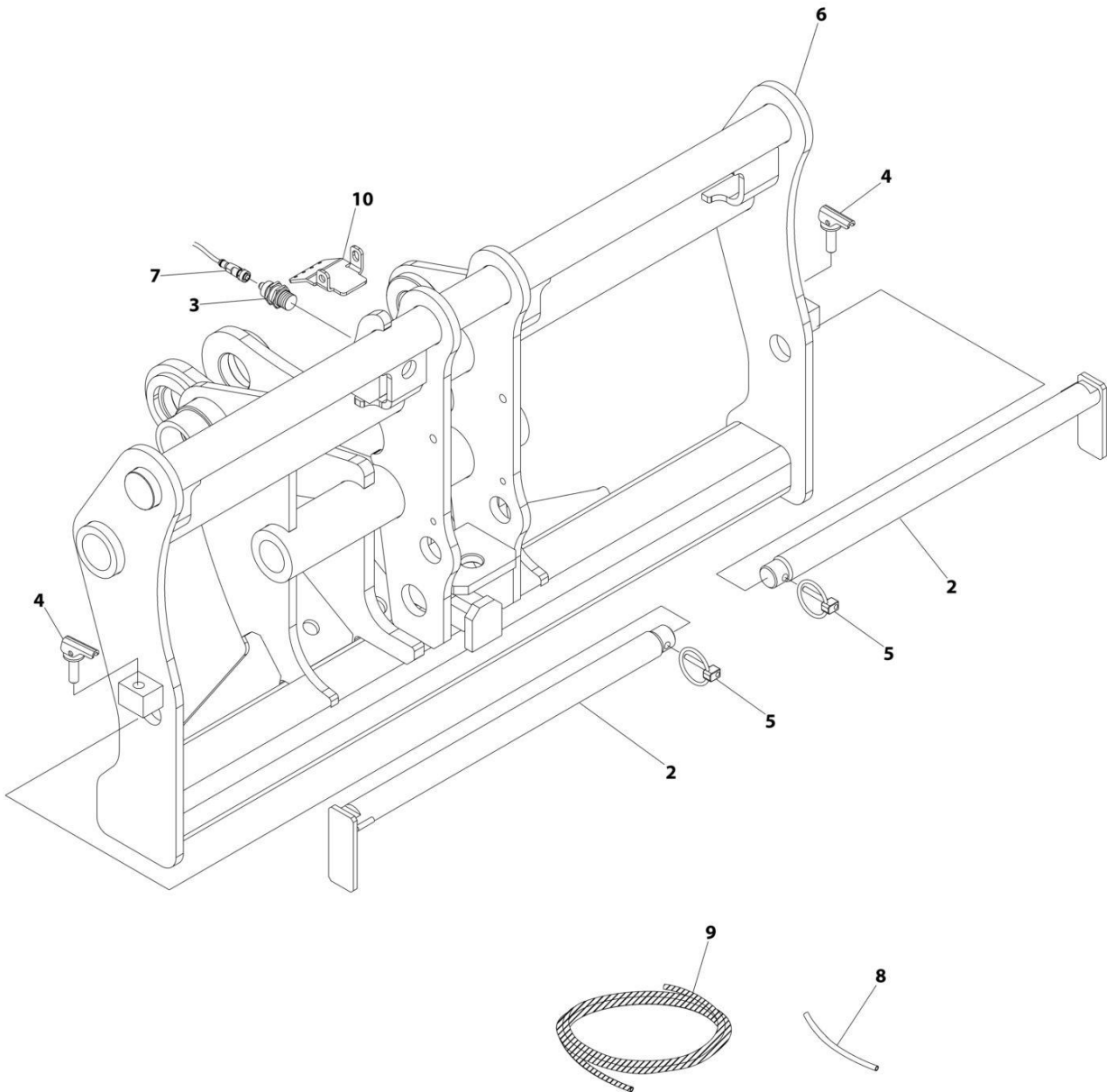
ART_1001277668

FIGURE 2-7. COUPLER ASSEMBLY (HYDRAULIC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001277668	Ref	COUPLER ASSEMBLY (HYDRAULIC)	B
1	0700812	4	Bolt M8 x 25	
2	0701215	2	Bolt M12 x 35	
3	0701218	2	Bolt M12 x 50	
4	3291205	2	Nut M12	
5	4031920	2	Capscrew M8 x 80	
6	4812102	4	Washer M12	
7	1001275296	2	Bracket	
8	1001275715	1	Cylinder, Locking	
9	1001275924	2	Hose	
10	1001275969	1	Hose	
11	1001275971	1	Hose	
12	1001276802	1	Cover	
13	1001276902	1	Valve	
14	1001277526	2	Reducer	
15	1001277667	1	Manual Coupler Assembly (See Separate Breakdown in this Section)	
16	1001278186	6	Washer	
17	1001279097	1	Harness, Hydraulic Coupler	
18	1001279099	4	Washer	
19	1001279102	2	Fitting, Straight ORFS/ORB	
20	1001279105	2	Washer	
21	1001279323	4	Fitting, Straight ORFS/ORB	
22	1001281018	1	Switch, Coupler	
23	1001281849	1	Bracket	
24	1001283552	1	Decal - Coupler	

SECTION 2 - BOOM

FIGURE 2-8. COUPLER ASSEMBLY (MANUAL)



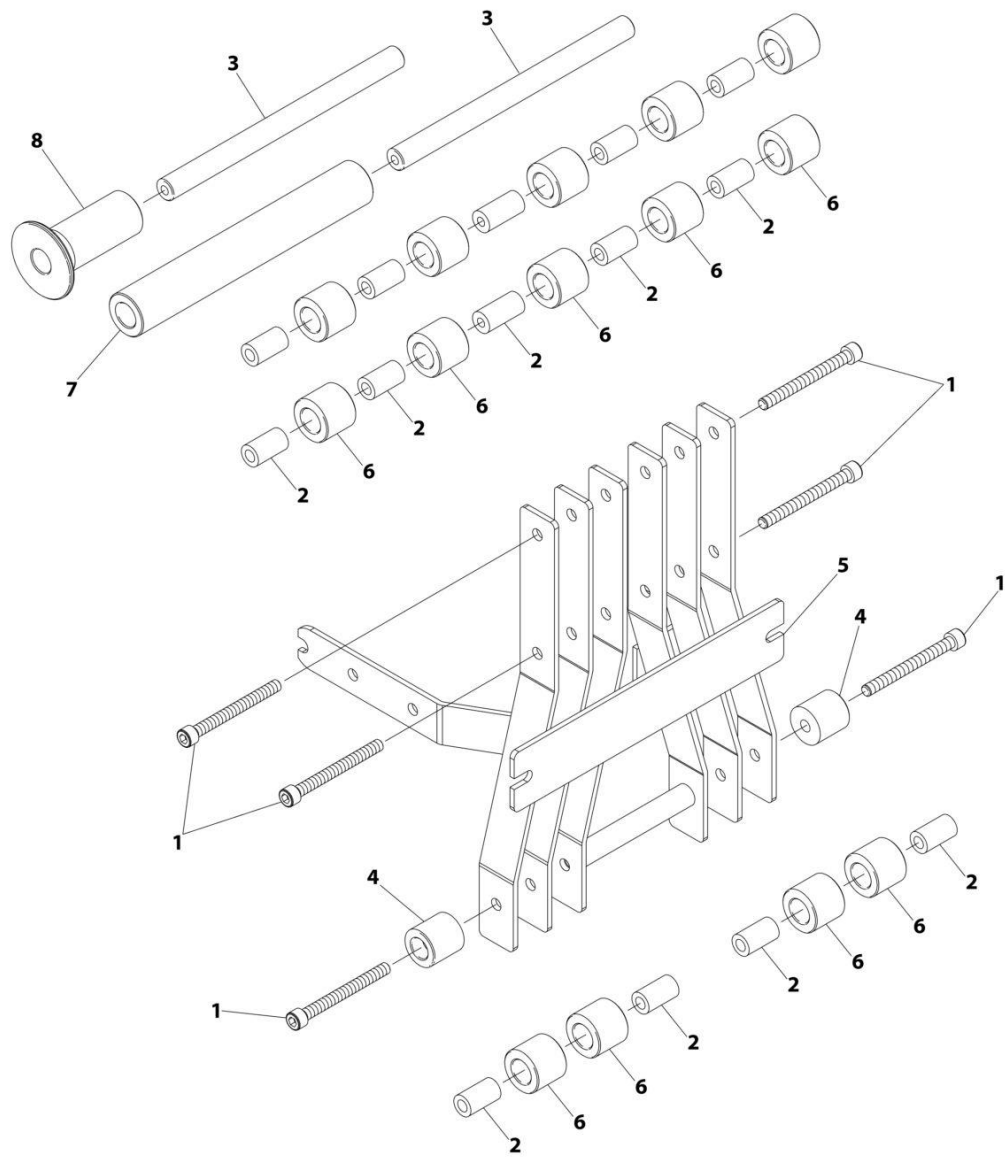
ART_1001277667

FIGURE 2-8. COUPLER ASSEMBLY (MANUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001277667	Ref	COUPLER ASSEMBLY (MANUAL)	B
2	1001274716	2	Pin	
3	1001274752	1	Sensor, Attachment	
4	1001275054	2	Pin	
5	1001275082	2	Pin	
6	1001275823	1	Coupler, Attachment	
7	1001279110	1	Harness, Attachment Sensor	
8	1001279111	AR	Insulate, Cable	
9	1001279112	AR	Conduit	
10	1001283550	1	Bracket	

SECTION 2 - BOOM

FIGURE 2-9. HOSE GUIDE ASSEMBLY



ART_1001281236

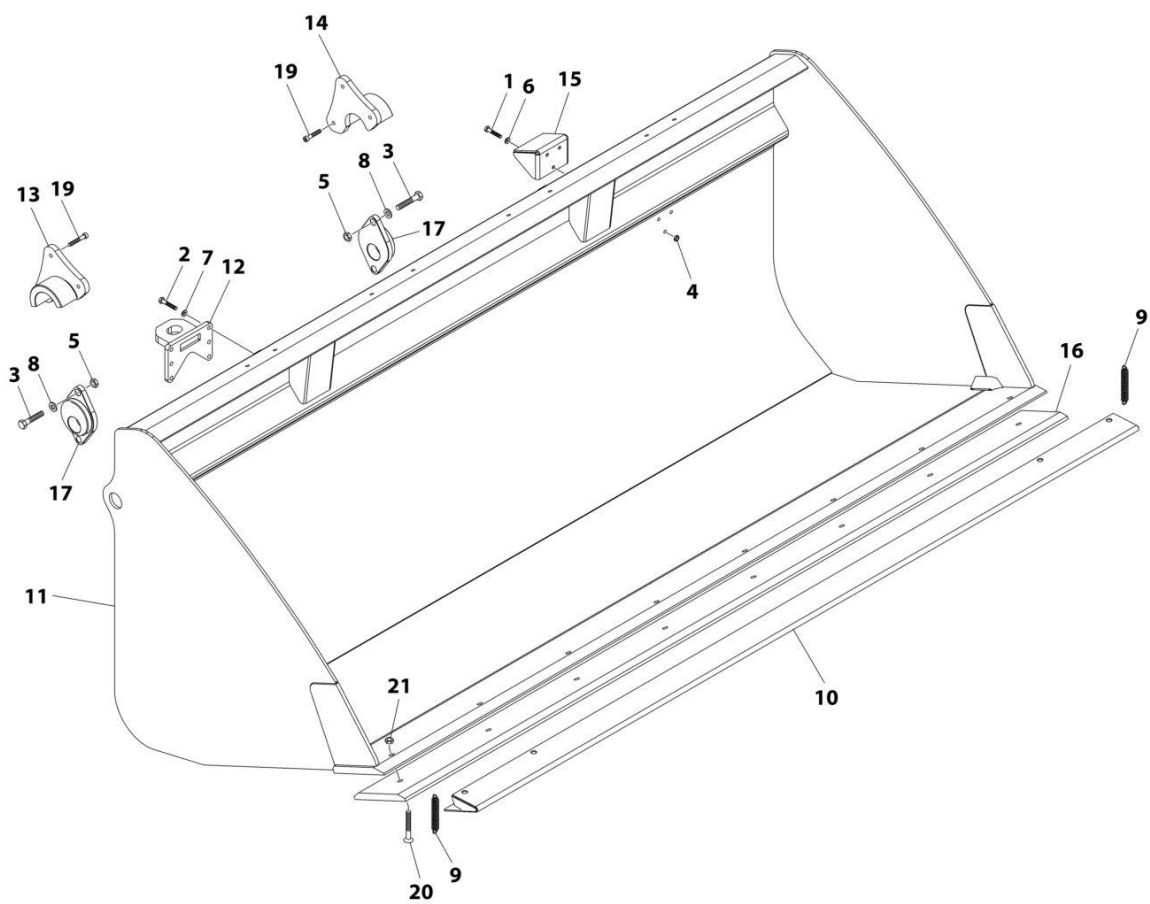
FIGURE 2-9. HOSE GUIDE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281236	Ref	HOSE GUIDE ASSEMBLY	A
1	0701012	6	Bolt M10 x 25	
2	1001274597	14	Spacer	
3	1001274598	2	Pin	
4	1001274601	2	Roller, Side	
5	1001278730	1	Hose Guide	
6	1001278731	14	Roller	
7	1001278732	1	Roller, Long	
8	1001278733	1	Roller, Flanged	

SECTION 3 - ATTACHMENTS

SECTION 3 - ATTACHMENTS

FIGURE 3-1. BUCKET ASSEMBLY - GENERAL PURPOSE



ART_1001276574

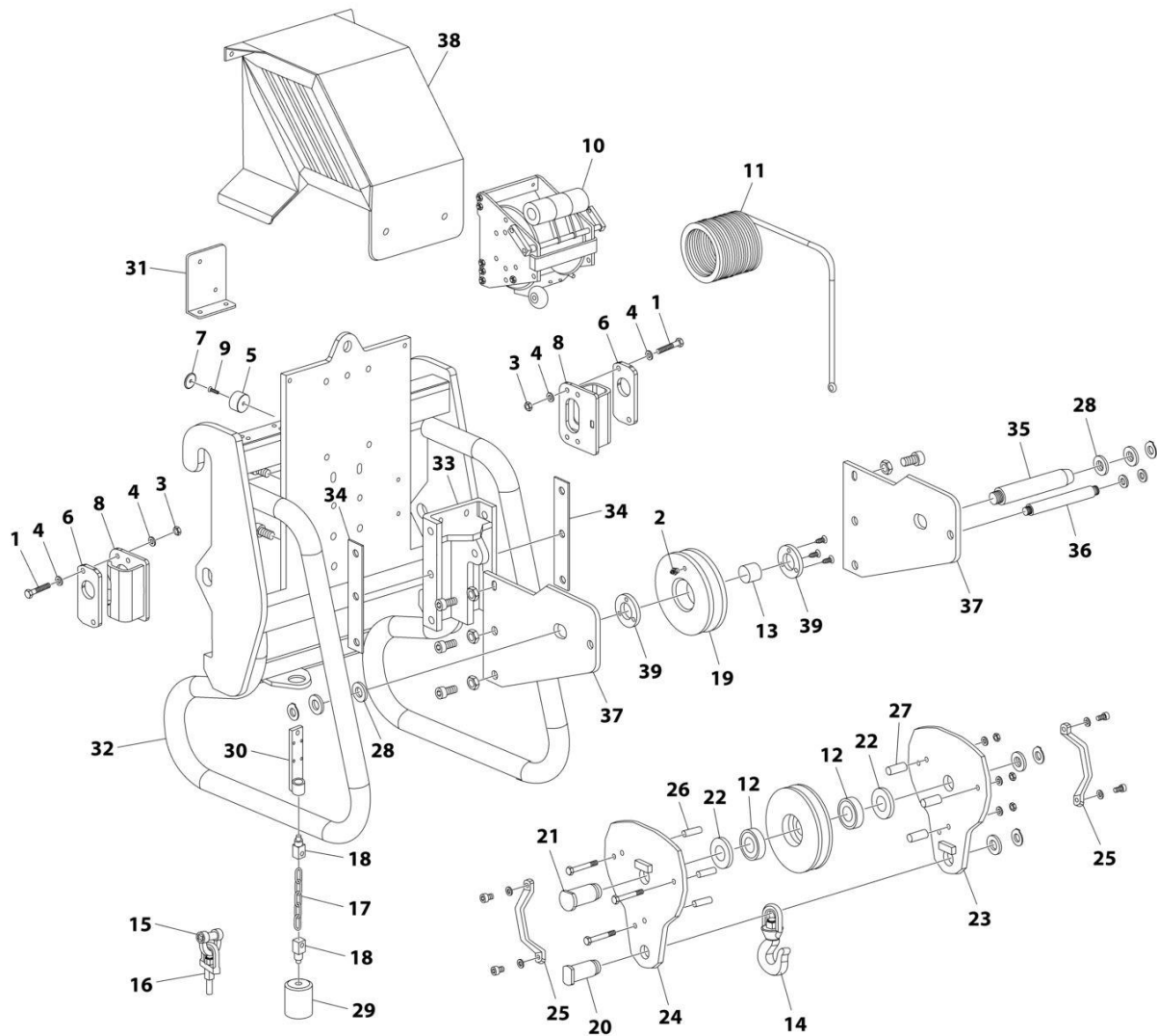
SECTION 3 - ATTACHMENTS

FIGURE 3-1. BUCKET ASSEMBLY - GENERAL PURPOSE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276574	Ref	BUCKET ASSEMBLY - GENERAL PURPOSE	B
1	0700810	3	Bolt M8 x 20	
2	0701012	6	Bolt M10 x 25	
3	0701619	4	Bolt M16 x 55	
4	3290805	3	Nut, Lock M8	
5	3291605	4	Nut, Lock M16	
6	4811902	3	Washer M8	
7	4812000	6	Washer M10	
8	4812300	4	Washer M16	
9	1001276553	2	Spring	
10	1001277530	1	Cover, Blade	
11	1001277531	1	Bucket	
12	1001277532	1	Bracket	
13	1001277533	1	Bracket	
14	1001277534	1	Bracket	
15	1001277552	1	Bracket	
16	1001277553	1	Plate, Blade	
17	1001277554	2	Support	
19	1001283857	6	Capscrew M12 x 55	
20	1001283858	8	Capscrew M14 x 50	
21	1001283859	8	Nut M14	

SECTION 3 - ATTACHMENTS

FIGURE 3-2. CARRIAGE WINCH ASSEMBLY



ART_1001284250

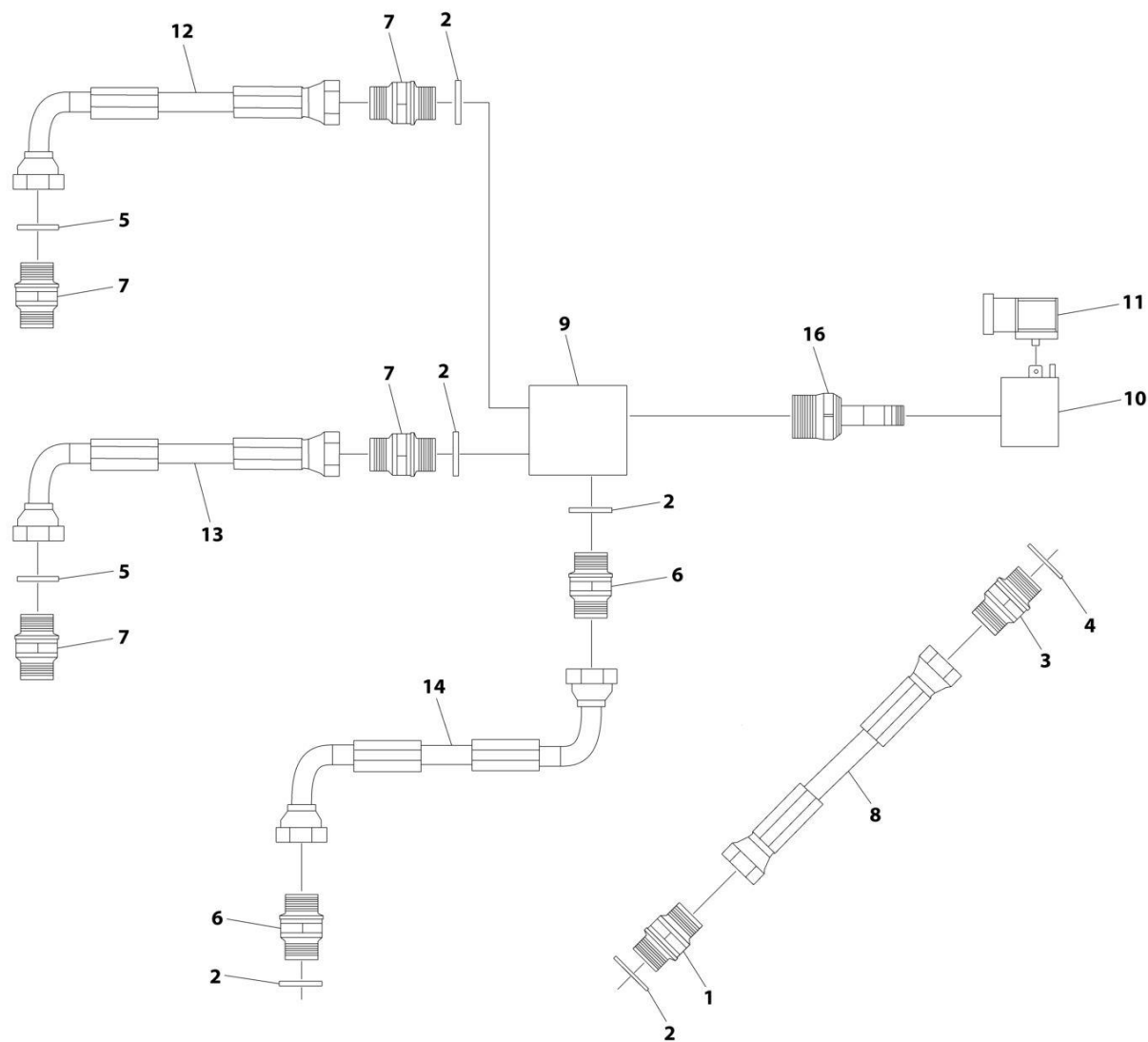
SECTION 3 - ATTACHMENTS

FIGURE 3-2. CARRIAGE WINCH ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284250	Ref	CARRIAGE WINCH ASSEMBLY	B
1	0701218	4	Bolt M12 x 50	
2	2160016	1	Fitting, Grease	
3	3291205	4	Nut M12	
4	4812100	8	Washer M12	
5	1001275288	1	Spacer	
6	1001275346	2	Plate	
7	1001277444	1	Decal - Attachment ID	
8	1001277535	2	Bracket	
9	1001283694	1	Bolt M5 x 25	
10	1001284212	1	Winch Assembly (See Separate Breakdown in this Section)	
11	1001284213	1	Cable	
12	1001284214	2	Bearing	
13	1001284215	1	Bushing	
14	1001284216	1	Hook	
15	1001284217	1	Clevis	
16	1001284218	1	Link	
17	1001284219	1	Chain	
18	1001284220	2	Clevis	
19	1001284221	1	Sheave	
20	1001284223	1	Pin	
21	1001284224	1	Pin	
22	1001284225	2	Washer	
23	1001284226	1	Plate	
24	1001284227	1	Plate	
25	1001284228	2	Handle	
26	1001284229	3	Spacer	
27	1001284230	3	Spacer	
28	1001284231	2	Washer	
29	1001284232	1	Counterweight	
30	1001284233	1	Bracket	
31	1001284234	1	Bracket	
32	1001284235	1	Frame	
33	1001284236	1	Bracket	
34	1001284237	2	Shim	
35	1001284238	1	Pin	
36	1001284239	1	Rod, Tie	
37	1001284240	2	Plate	
38	1001284241	1	Cover	
39	1001284251	2	Spacer	

SECTION 3 - ATTACHMENTS

FIGURE 3-3. CARRIAGE WINCH HYDRAULICS ASSEMBLY



ART_1001284292

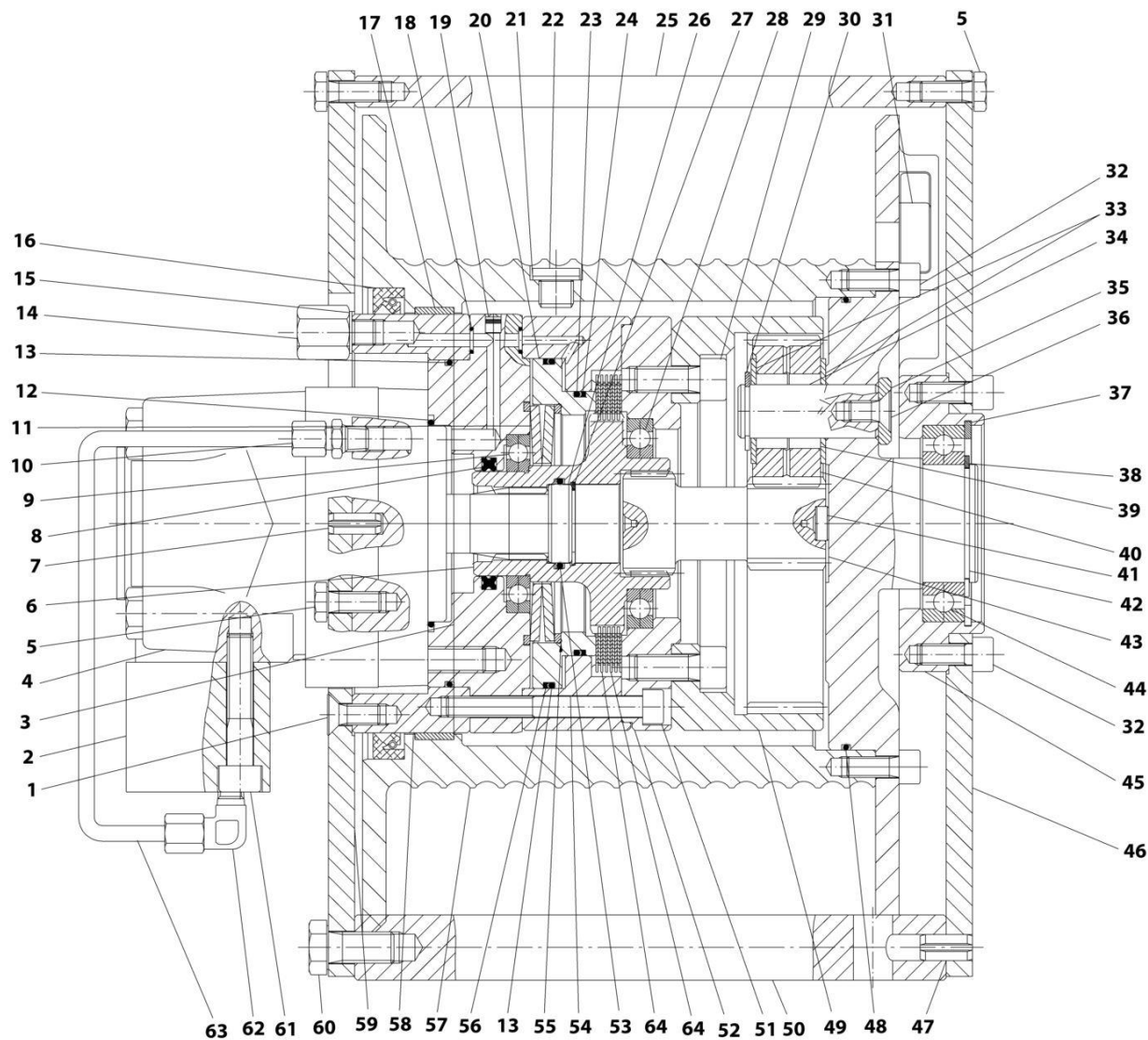
SECTION 3 - ATTACHMENTS

FIGURE 3-3. CARRIAGE WINCH HYDRAULICS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284292	Ref	CARRIAGE WINCH HYDRAULICS ASSEMBLY	D
1	1001277526	1	Fitting, Reducer	
2	1001278186	5	Washer	
3	1001279103	1	Fitting, Straight ORFS/ORB	
4	1001279105	1	Washer	
5	1001279277	2	Washer	
6	1001279323	2	Fitting, Straight ORFS/ORB	
7	1001279356	4	Fitting, Straight ORFS/ORB	
8	1001284242	1	Hose	
9	1001284243	1	Valve	
10	1001284244	1	Coil	
11	1001284245	1	Valve	
12	1001284246	1	Hose	
13	1001284247	1	Hose	
14	1001284248	2	Hose	
16	1001284252	1	Valve	

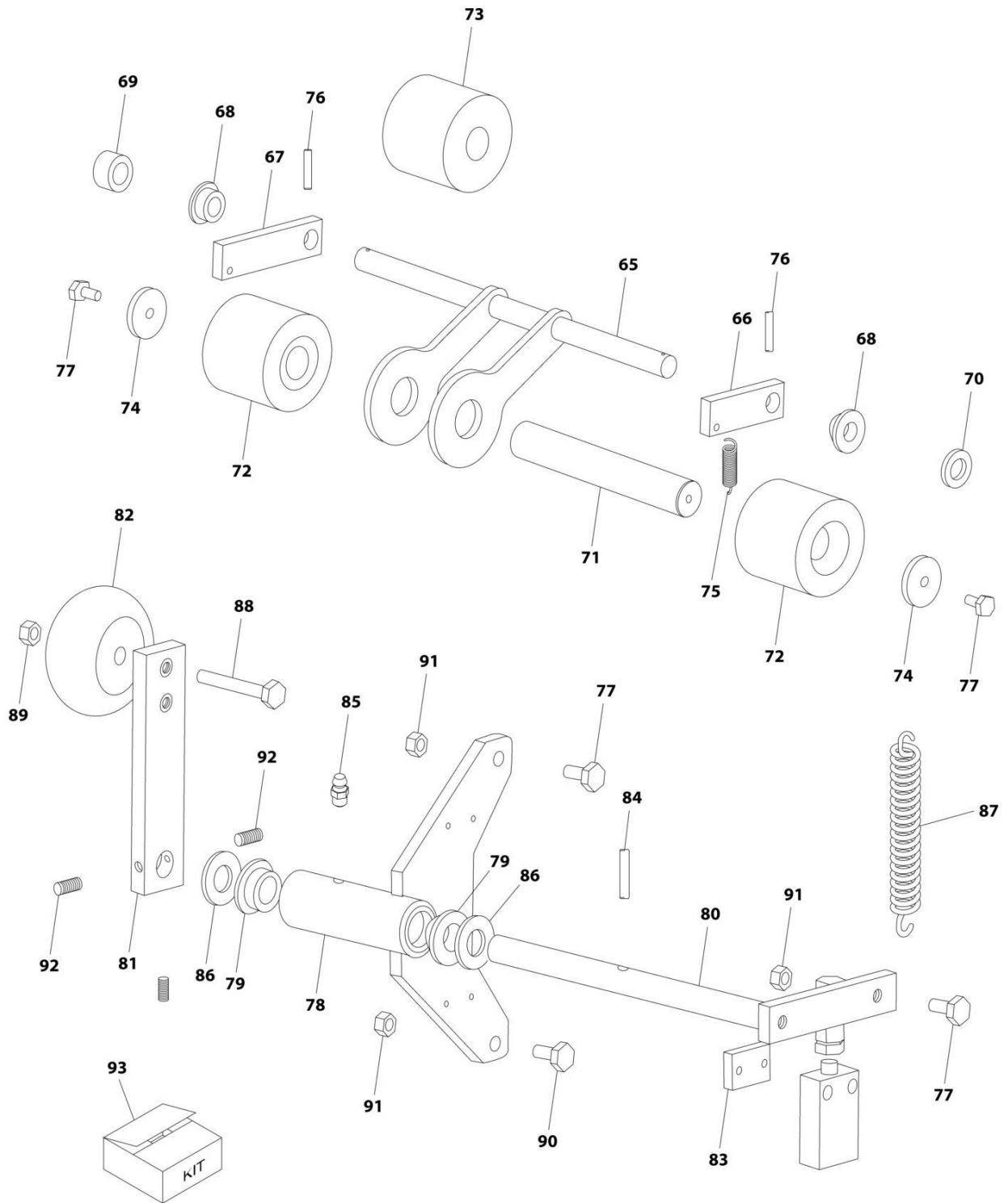
SECTION 3 - ATTACHMENTS

FIGURE 3-4. WINCH ASSEMBLY



ART_1001284212_10F2

SECTION 3 - ATTACHMENTS



ART_1001284212_2OF2

SECTION 3 - ATTACHMENTS

FIGURE 3-4. WINCH ASSEMBLY

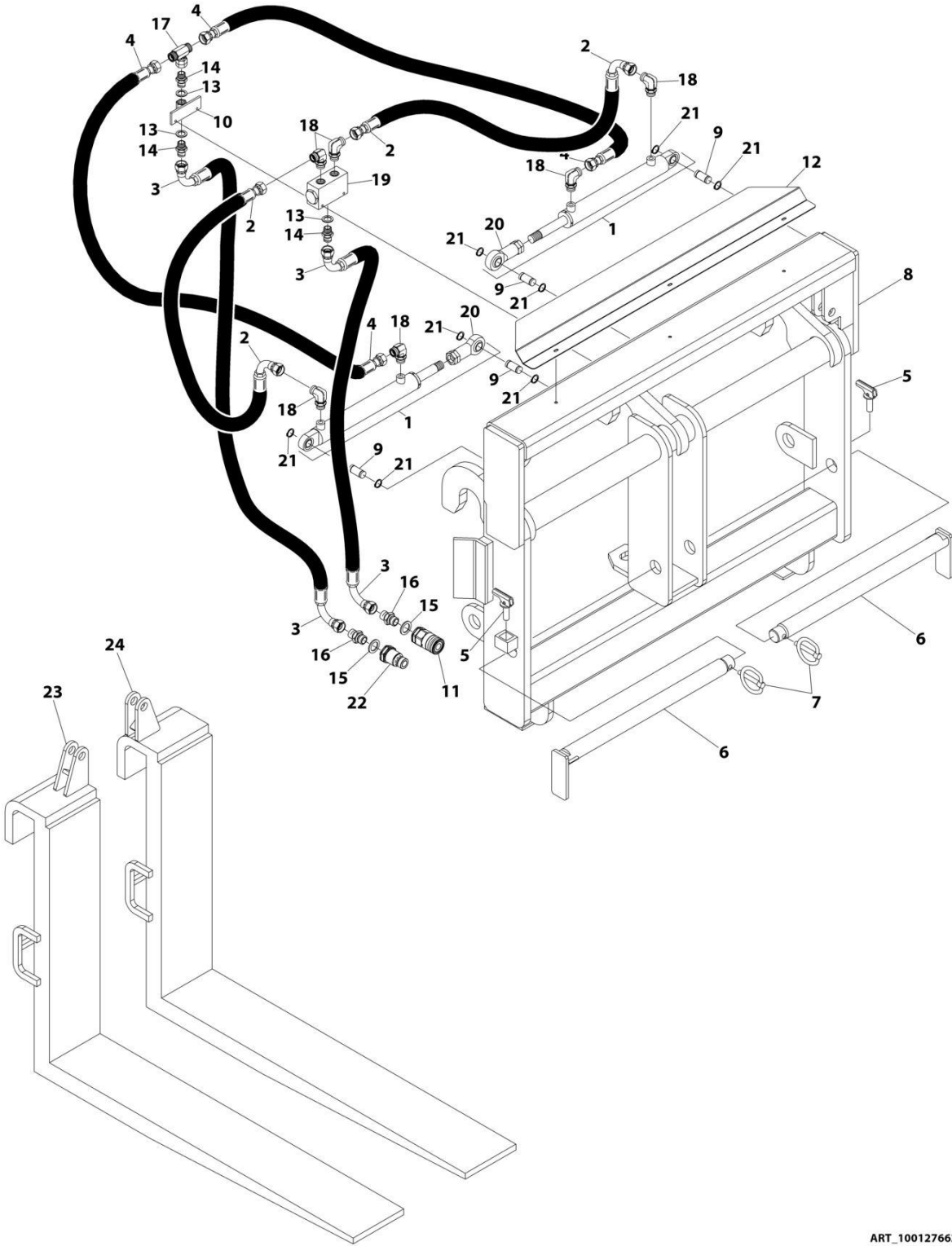
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284212	Ref	WINCH ASSEMBLY	A
1	70030674	1	Bolt	
2	70030675	1	Valve	
3	70030676	1	Flange, Fastening	
4	70030677	1	Motor	
5	70030678	2	Bolt	
6	70030679	1	Gear	
7	70030680	1	Pin	
8	70030681	1	Ring	
9	70030682	1	Bearing	
10	70030683	1	Fitting	
11	70030684	1	Washer	
12	70030685	1	O-Ring	
13	70030686	2	O-Ring	
14	70030687	1	Post	
15	70030688	1	Washer	
16	70030689	1	Seal	
17	70030690	1	Ring	
18	70030691	1	O-Ring	
19	70030692	1	Plug	
20	70030693	1	Piston	
21	70030694	1	Washer	
22	70030695	1	Plug	
23	70030696	1	O-ring	
24	70030697	1	Ring	
25	70030698	1	Spacer	
26	70030699	1	Washer	
27	70030700	1	Circlip	
28	70030701	1	Bearing	
29	70030702	1	Bolt	
30	70030703	1	Circlip	
31	70030704	1	Thimble, Drop	
32	70030706	2	Bolt	
33	70030707	1	Washer	
34	70030708	1	Pin	
35	70030709	1	Washer	
36	70030710	1	Bolt	
37	70030711	1	Circlip	
38	70030712	1	Circlip	
39	70030713	1	Roller, Cylinder	
40	70030714	1	Satellite	
41	70030715	1	Shim	
42	70030716	1	Support	
43	70030717	1	Shaft	
44	70030718	1	Bearing	
45	70030720	1	Flange	
46	70030721	1	Support	
47	70030722	1	Pin	
48	70030723	1	O-Ring	
49	70030724	1	Reducer	

SECTION 3 - ATTACHMENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	70030725	1	Plate	
51	70030726	1	Bolt	
52	70030727	1	Ring	
53	70030728	1	O-Ring	
54	70030729	1	Support	
55	70030730	1	Ring	
56	70030732	1	Ring	
57	70030733	1	Drum	
58	70030734	1	Ring	
59	70030735	1	Support	
60	70030736	1	Bolt	
61	70030737	1	Bolt	
62	70030738	1	Fitting	
63	70030739	1	Pipe	
64	70030740	1	Brake Kit	
65	70030743	1	Lever	
66	70030744	1	Plate	
67	70030745	1	Plate	
68	70030746	2	Bushing	
69	70030747	1	Spacer	
70	70030748	1	Spacer	
71	70030749	1	Pin	
72	70030750	2	Roller	
73	70030751	1	Roller	
74	70030752	2	Washer	
75	70030753	2	Spring	
76	70030754	2	Pin	
77	70030755	5	Bolt (Note: Use PN 0700814)	
78	70030757	1	Support	
79	70030758	2	Washer	
80	70030759	1	Lever	
81	70030760	1	Support	
82	70030761	1	Wheel	
83	70030762	1	Plate	
84	70030763	1	Pin	
85	70030764	1	Fitting, Grease (Note: Use PN 1001283688)	
86	70030765	2	Washer	
87	70030766	1	Spring	
88	70030767	1	Bolt	
89	3291005	1	Nut M10	
90	0700816	1	Bolt M8 x 40	
91	3290805	4	Nut, Lock M8	
92	70030768	2	Pin	
93	70031476	1	Limit Switch Kit (Includes Items 77-92)	

SECTION 3 - ATTACHMENTS

FIGURE 3-5. DUAL FORK CARRIAGE ASSEMBLY - SIDE SHIFT



ART_1001276629

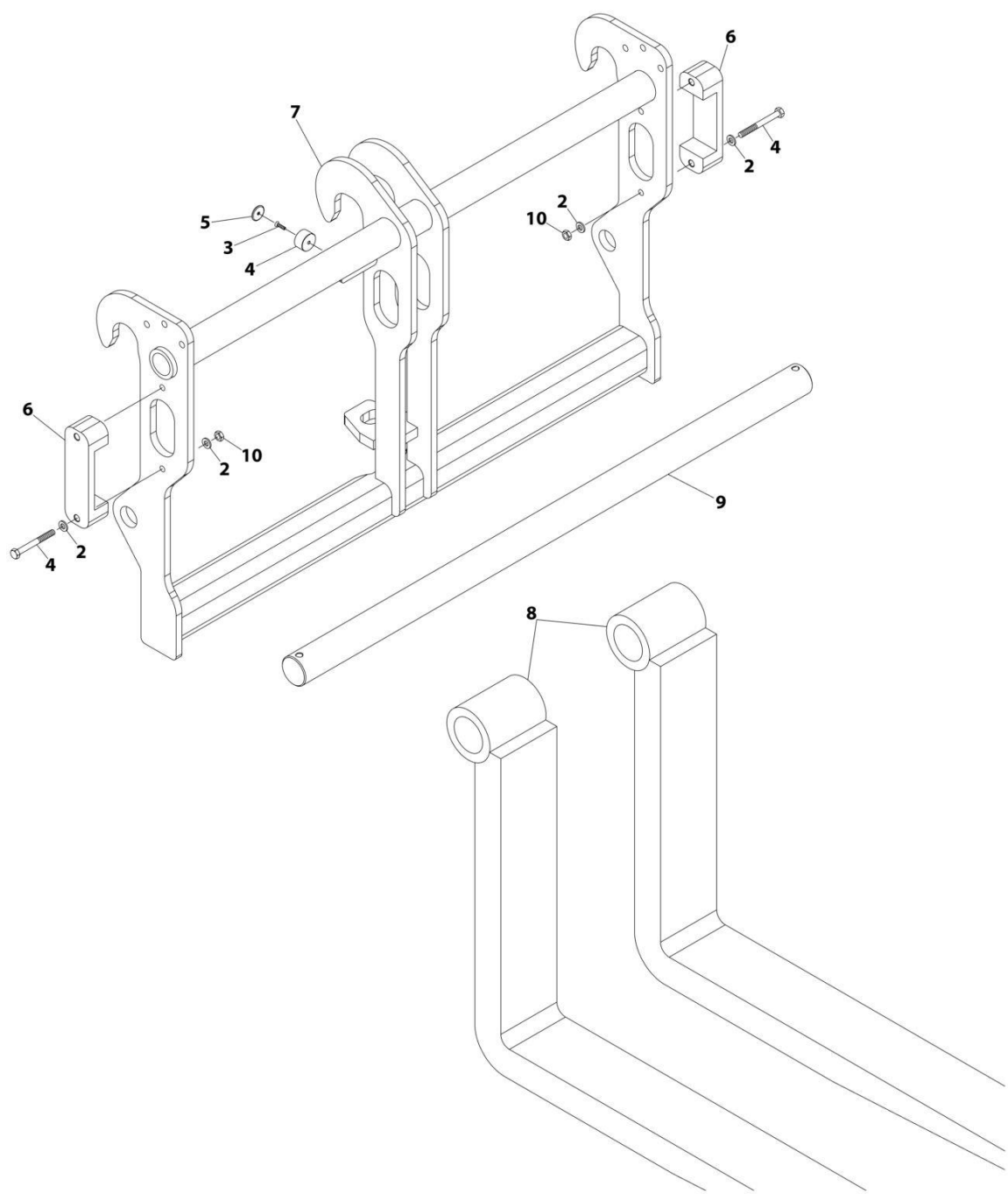
SECTION 3 - ATTACHMENTS

FIGURE 3-5. DUAL FORK CARRIAGE ASSEMBLY - SIDE SHIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276629	Ref	DUAL FORK CARRIAGE ASSEMBLY - SIDE SHIFT	B
1	1001275002	2	Side Shift Cylinder Assembly	
2	1001275025	2	Hose	
3	1001275026	2	Hose	
4	1001275027	2	Hose	
5	1001275054	2	Pin	
6	1001275055	2	Pin	
7	1001275082	2	Pin	
8	1001276471	1	Carriage	
9	1001276495	4	Pin	
10	1001277541	1	Adapter	
11	1001277542	1	Coupling, Female Quick Disconnect	
12	1001277560	1	Cover	
13	1001278186	3	Washer	
14	1001279356	3	Fitting Straight FORB/ORB	
15	1001280480	2	Washer	
16	1001280492	2	Fitting Straight ORB/ORB	
17	1001283844	1	Fitting Tee ORFS/ORFS/FSORFS	
18	1001283845	6	Fitting 90 ORFS/ORB	
19	1001283846	1	Valve	
20	1001283847	2	Rod	
21	1001283848	8	Ring, Retaining	
22	1001283849	1	Coupling, Male Quick Disconnect	
23	1001284564	1	Fork, Right	
24	1001284565	1	Fork, Left	
	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 3-6. DUAL FORK CARRIAGE ASSEMBLY - STANDARD



ART_1001276628

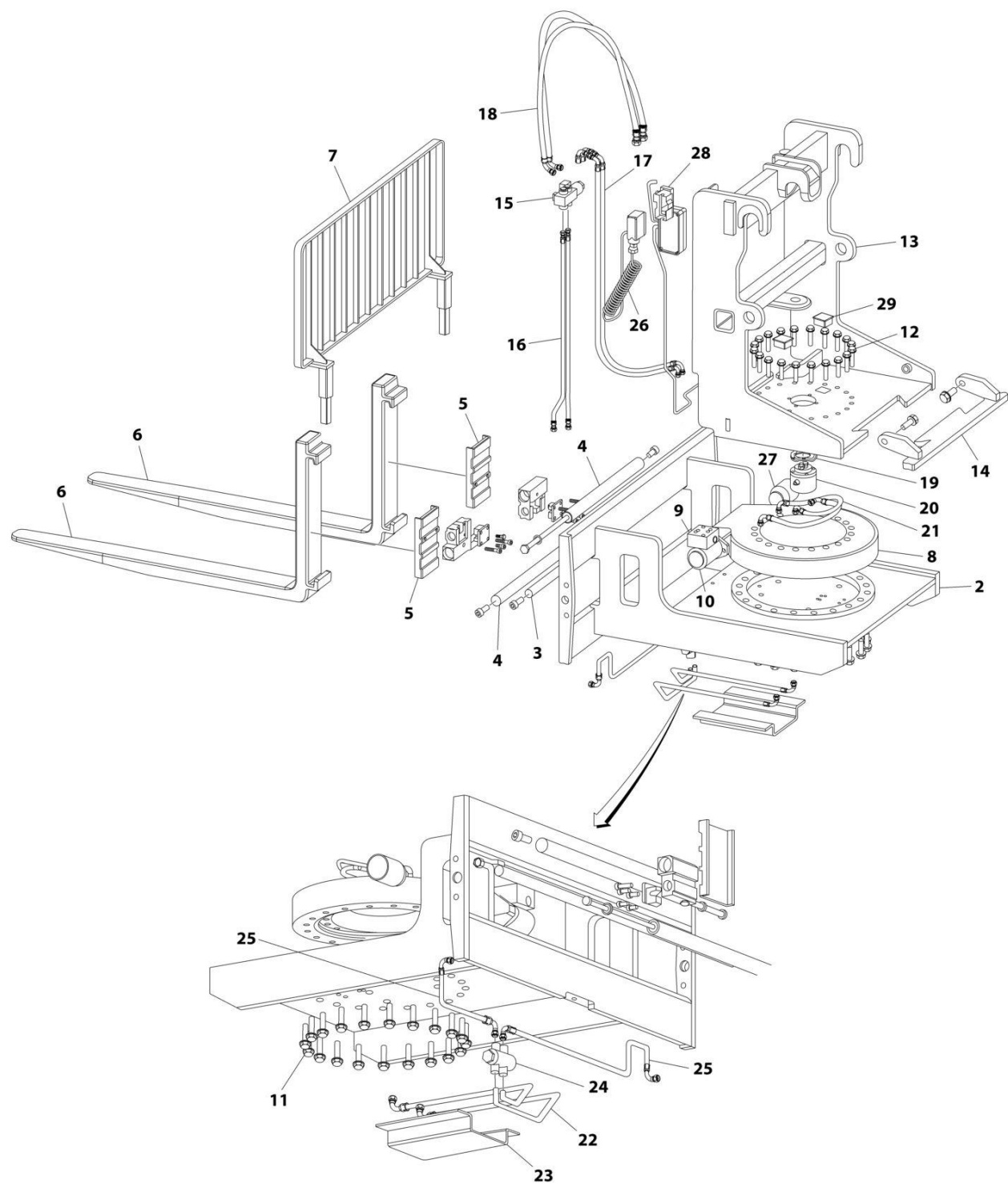
SECTION 3 - ATTACHMENTS

FIGURE 3-6. DUAL FORK CARRIAGE ASSEMBLY - STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276628	Ref	DUAL FORK CARRIAGE ASSEMBLY - STANDARD	C
1	0701024	4	Bolt M10 x 80	
2	4812000	8	Washer M10	
3	1001102830	1	Capscrew M8 x 45	
4	1001275288	1	Spacer	
5	1001277444	1	Decal - Attachment ID	
6	1001277555	2	Support	
7	1001284561	1	Carriage	
8	1001289768	1	Forks (Set Includes 2 Forks)	
	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.	
9	1001284563	1	Pin	
10	3291005001	4	Nut, Lock M10	

SECTION 3 - ATTACHMENTS

FIGURE 3-7. DUAL FORK CARRIAGE ASSEMBLY - ROTATING



ART_1001276573

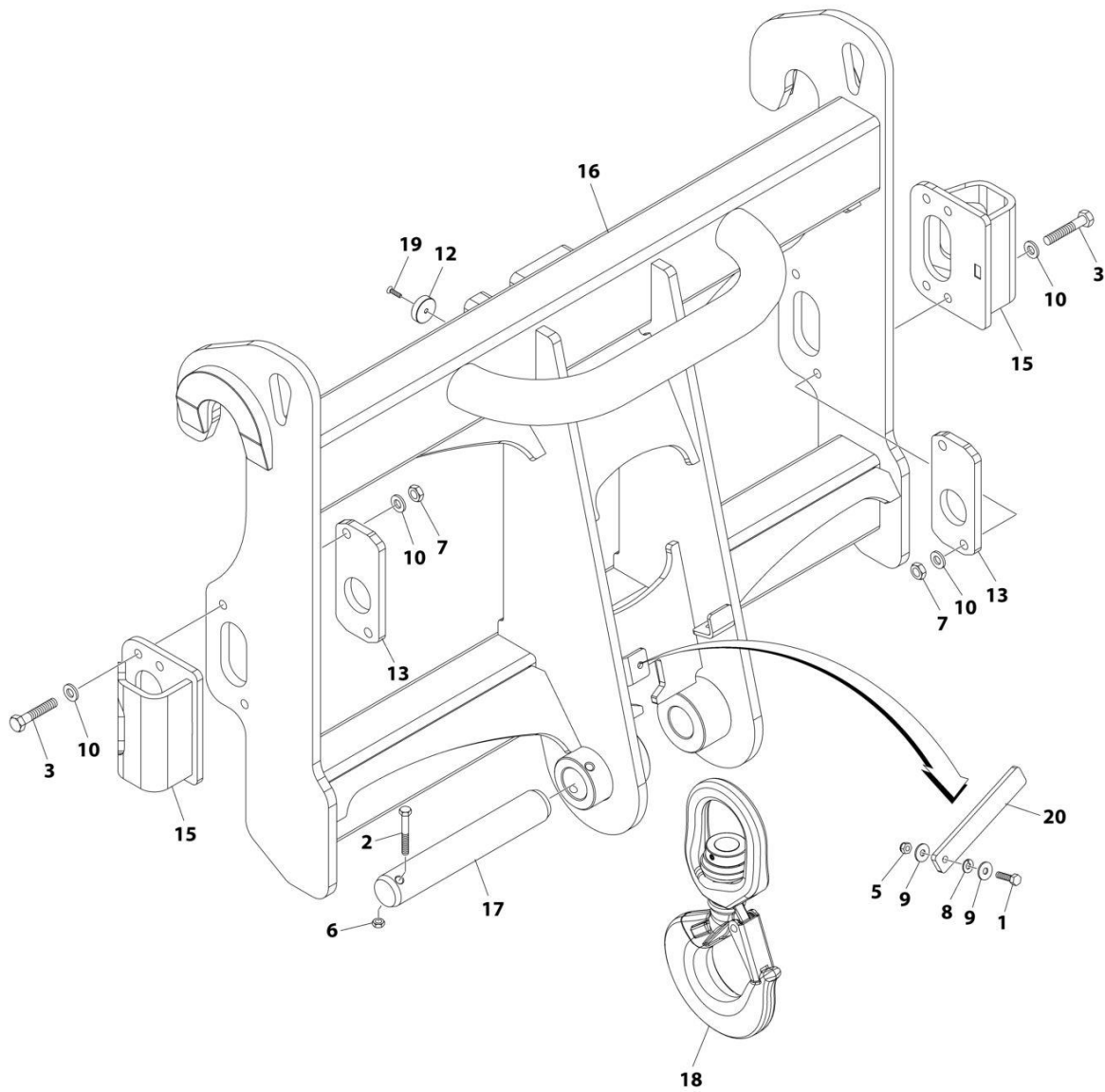
SECTION 3 - ATTACHMENTS

FIGURE 3-7. DUAL FORK CARRIAGE ASSEMBLY - ROTATING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276573	Ref	DUAL FORK CARRIAGE ASSEMBLY - ROTATING	B
1	1001283699	2	Decal - Operator's Manual (Not Shown)	
2	1001284102	1	Base	
3	1001284103	1	Bar, Guide	
4	1001284104	2	Carriage Rotating Cylinder Assembly	
5	1001284105	2	Support	
6	1001284106	1	Forks (Set Includes 2 Forks)	
	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.	
7	1001284107	1	Guard	
8	1001284108	1	Bearing	
9	1001284109	1	Valve	
10	1001284110	1	Motor	
11	1001284111	1	Bearing Bottom Bolts Kit	
12	1001284112	1	Bearing Top Bolts Kit	
13	1001284113	1	Carriage	
14	1001284114	1	Bracket, Safety	
15	1001284115	1	Valve	
16	1001284116	1	Cylinders Hose Kit	
17	1001284117	1	Motor Hose Kit	
18	1001284118	1	Carriage Hose Kit	
19	1001284119	1	Rings Kit	
20	1001284120	1	Motor	
21	1001284121	1	Upper Grease Pipes Kit	
22	1001284122	1	Lower Grease Pipes Kit	
23	1001284123	1	Guard	
24	1001284124	1	Block	
25	1001284125	1	Grease Pipe Kit	
26	1001284126	1	Harness	
27	1001284127	1	Sensor, Potentiometer	
28	1001284128	1	Plug	
29	1001284129	2	Plug	

SECTION 3 - ATTACHMENTS

FIGURE 3-8. HOOK CARRIAGE ASSEMBLY



ART_1001276577

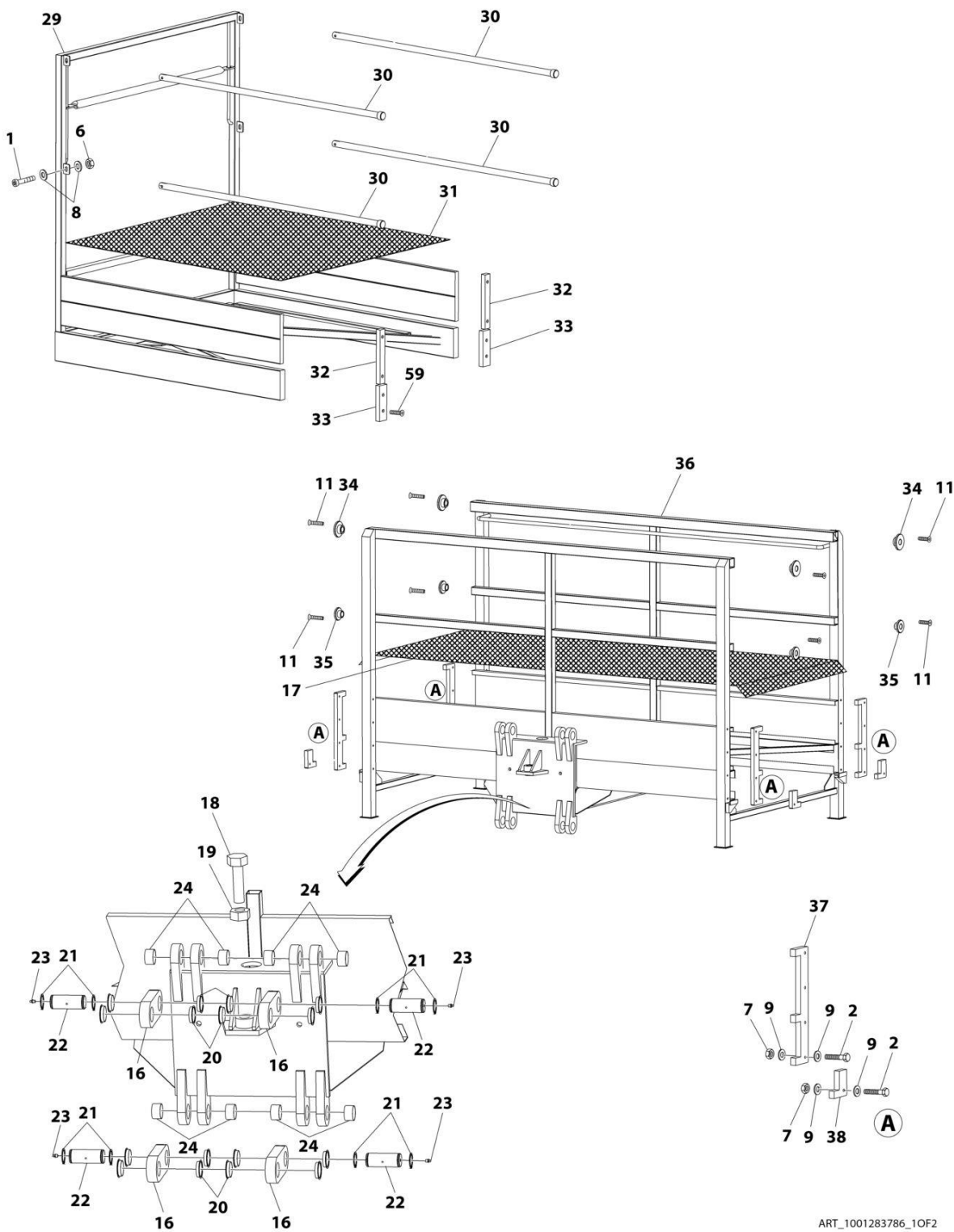
SECTION 3 - ATTACHMENTS

FIGURE 3-8. HOOK CARRIAGE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276577	Ref	HOOK CARRIAGE ASSEMBLY	B
1	0700814	1	Bolt M8 x 30	
2	0701026	1	Bolt M10 x 90	
3	0701218	4	Bolt M12 x 50	
5	3290805	1	Nut, Lock M8	
6	3291005	1	Nut, Lock M10	
7	3291205	4	Nut, Lock M12	
8	4811900	1	Washer M8	
9	4811902	2	Washer M8	
10	4812100	8	Washer M12	
12	1001275288	1	Spacer	
13	1001275346	2	Plate	
15	1001277535	2	Bracket	
16	1001277536	1	Carriage	
17	1001277544	1	Pin	
18	1001277551	1	Hook	
19	1001283694	1	Bolt M5 x 25	
20	1001284134	1	Plate	

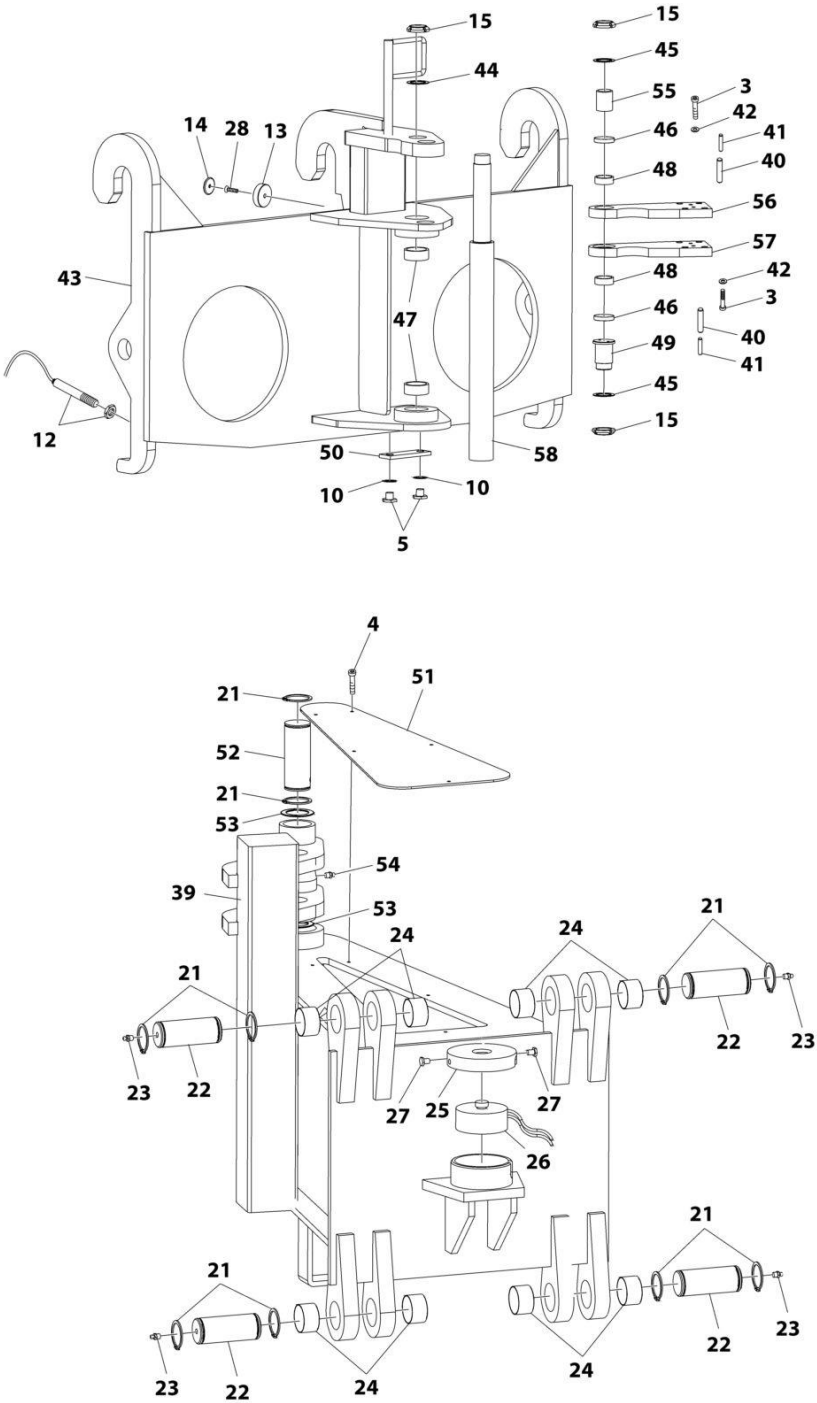
SECTION 3 - ATTACHMENTS

FIGURE 3-9. PLATFORM ASSEMBLY - EXTENDABLE



ART_1001283786_10F2

SECTION 3 - ATTACHMENTS



ART_1001283786_2OF2

SECTION 3 - ATTACHMENTS

FIGURE 3-9. PLATFORM ASSEMBLY - EXTENDABLE

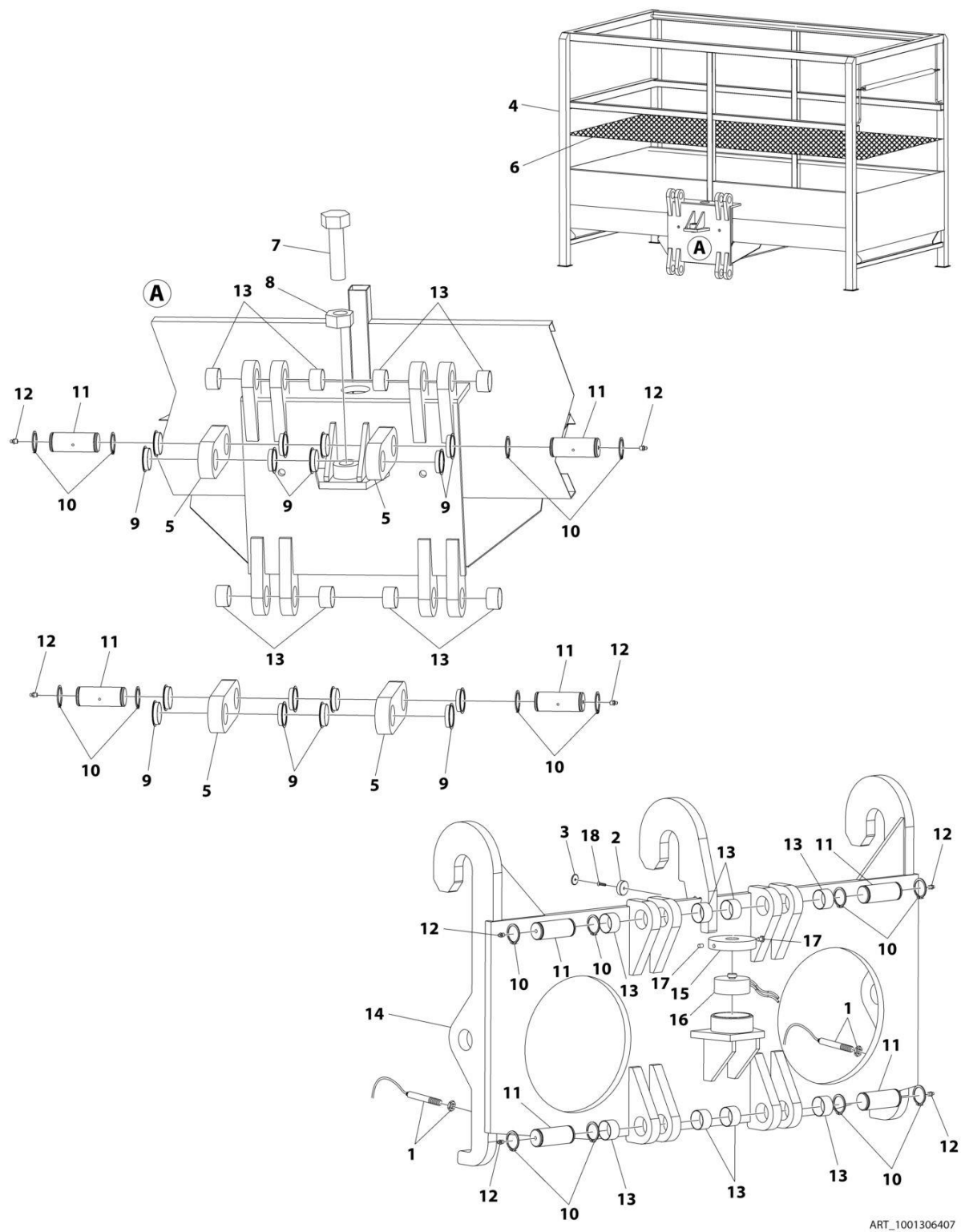
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283786	Ref	PLATFORM ASSEMBLY	C
1	0700614	4	Bolt M6 x 30	
2	0700826	2	Bolt M8 x 90	
3	0701417	2	Bolt M14 x 45	
4	0760608	5	Bolt M6 x 16	
5	0761614	2	Bolt M16 x 30	
6	3290605	4	Nut, Lock M6	
7	3290805	2	Nut, Lock M8	
8	4811702	8	Washer M6	
9	4811900	4	Washer M8	
10	4832300	2	Washer, Lock M16	
11	1001286956	8	Capscrew M6 x 20	
12	1001274748	1	Sensor	
13	1001275288	1	Spacer	
14	1001277444	1	Decal - Attachment ID	
15	1001278729	3	Nut, Ring	
16	1001283681	4	Plate, Hinge	
17	1001283682	1	Plate, Floor	
18	1001283683	1	Bolt M30 x 120	
19	1001283684	1	Nut M30	
20	1001283685	16	Bushing	
21	1001283686	18	Ring, Retaining	
22	1001283687	8	Pin	
23	1001283688	8	Fitting, Grease	
24	1001283689	16	Bushing	
25	1001283691	1	Cover	
26	1001283692	1	Sensor, Load Cell	
27	1001283693	2	Pin	
28	1001283694	1	Bolt M5 x 25	
29	1001283788	1	Extension, Platform	
30	1001283789	4	Rail	
31	1001283790	1	Plate, Platform Extension Floor	
32	1001283791	2	Plate	
33	1001283792	2	Plate	
34	1001283793	4	Bushing	
35	1001283794	4	Bushing	
36	1001283795	1	Platform	
37	1001283796	4	Plate	
38	1001283797	4	Shim	
39	1001283798	1	Plate	
40	1001283799	2	Pin	
41	1001283800	2	Pin	
42	1001283801	2	Washer, Lock	
43	1001283802	1	Coupling	
44	1001283803	1	Bushing	
45	1001283804	2	Washer	
46	1001283806	2	Bushing	
47	1001283807	2	Bushing	
48	1001283808	2	Bushing	
49	1001283809	1	Pin	

SECTION 3 - ATTACHMENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001283810	1	Plate	
51	1001283813	1	Plate	
52	1001283814	1	Pin	
53	1001283815	2	Bushing	
54	1001283816	1	Fitting, Grease	
55	1001283817	1	Pin	
56	1001283818	1	Plate	
57	1001283819	1	Plate	
58	1001283820	1	Pin	
59	1001286960	4	Capscrew M6 x 30	

SECTION 3 - ATTACHMENTS

FIGURE 3-10. PLATFORM ASSEMBLY - STANDARD



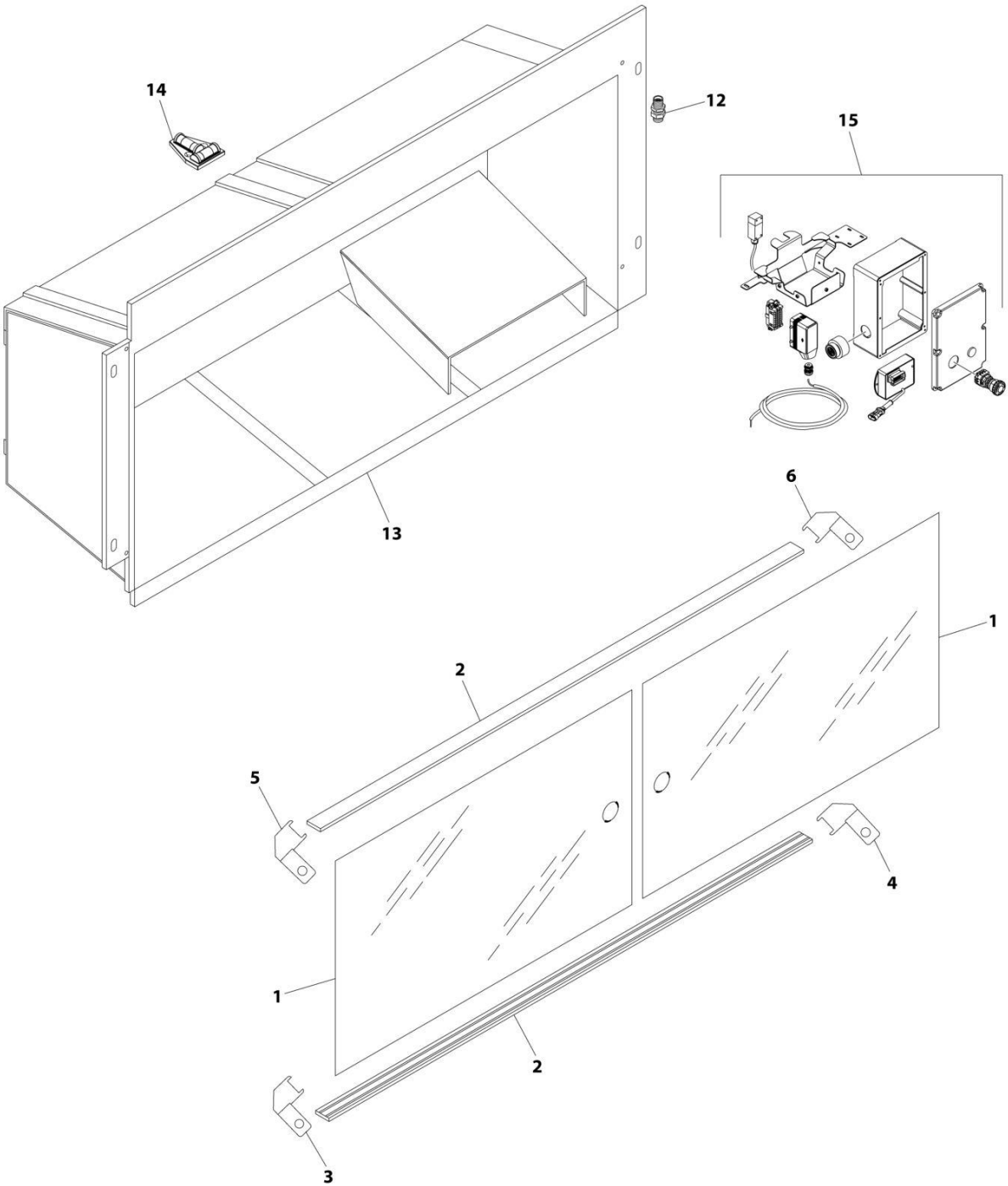
SECTION 3 - ATTACHMENTS

FIGURE 3-10. PLATFORM ASSEMBLY - STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001306407	Ref	PLATFORM ASSEMBLY	A
1	1001274748	2	Sensor	
2	1001275288	1	Spacer	
3	1001277444	1	Decal - Attachment ID	
4	1001283680	1	Platform	
5	1001283681	4	Plate, Hinge	
6	1001283682	1	Plate, Floor	
7	1001283683	1	Bolt M30 x 120	
8	1001283684	1	Nut M30	
9	1001283685	16	Bushing	
10	1001283686	16	Ring, Retaining	
11	1001283687	8	Pin	
12	1001283688	8	Fitting, Grease	
13	1001283689	16	Bushing	
14	1001306867	1	Coupling	
15	1001283691	1	Cover	
16	1001283692	1	Sensor, Load Cell	
17	1001283693	2	Pin	
18	1001283694	1	Bolt, M5 x 25	

SECTION 3 - ATTACHMENTS

FIGURE 3-11. PLATFORM CONTROLS ENCLOSURE



ART_1001283679

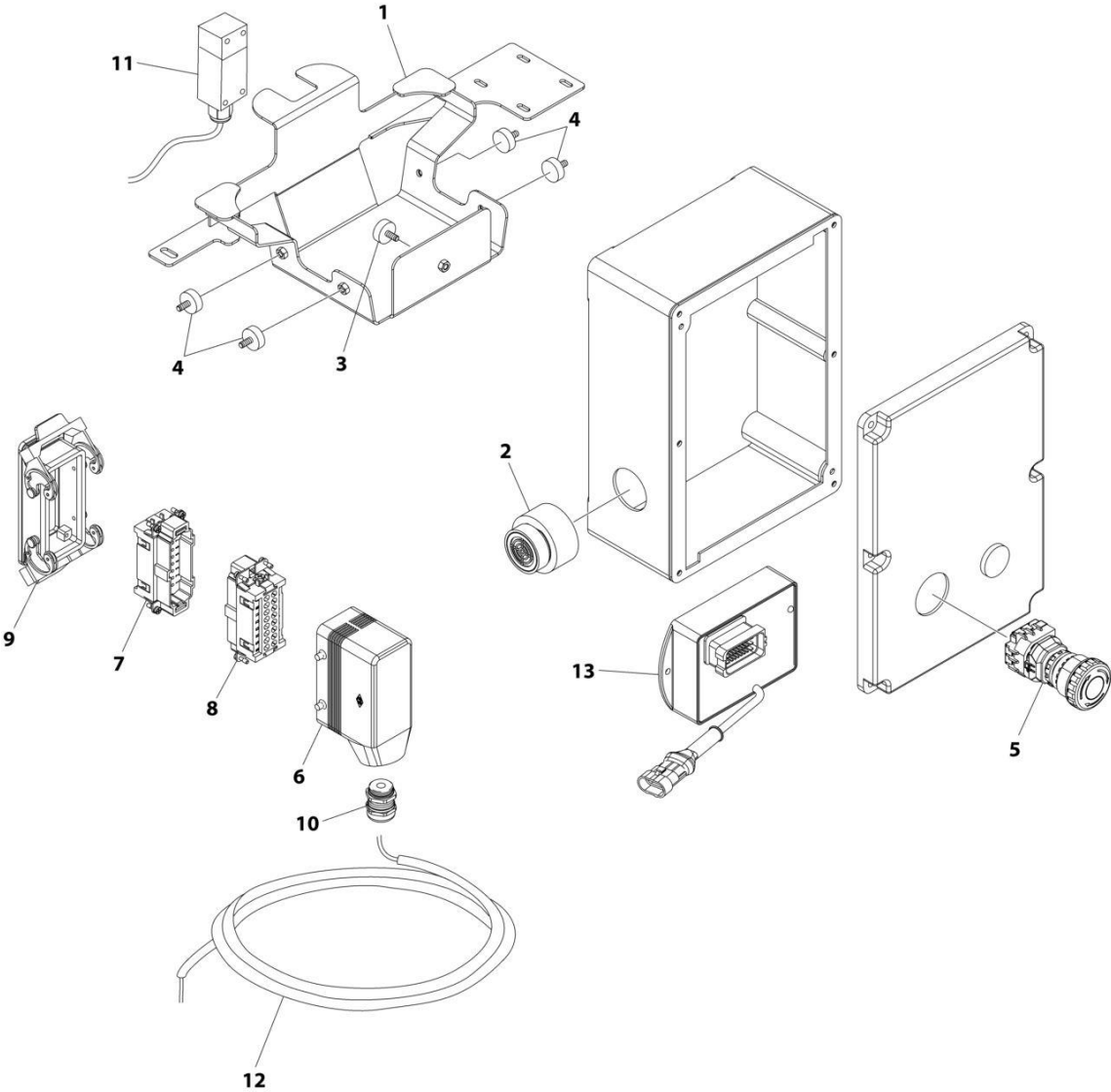
SECTION 3 - ATTACHMENTS

FIGURE 3-11. PLATFORM CONTROLS ENCLOSURE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283679	Ref	PLATFORM CONTROLS ENCLOSURE	A
1	1001277546	2	Glass	
2	1001277547	2	Guide, Glass	
3	1001277556	1	Bracket	
4	1001277557	1	Bracket	
5	1001277558	1	Bracket	
6	1001277559	1	Bracket	
12	1001283700	1	Fitting, Bulkhead	
13	1001283701	1	Enclosure	
14	1001283702	1	Level	
15	1001283703	1	Platform Control Box Assembly (See Separate Breakdown in this Section)	

SECTION 3 - ATTACHMENTS

FIGURE 3-12. PLATFORM CONTROL BOX ASSEMBLY



ART_1001283703

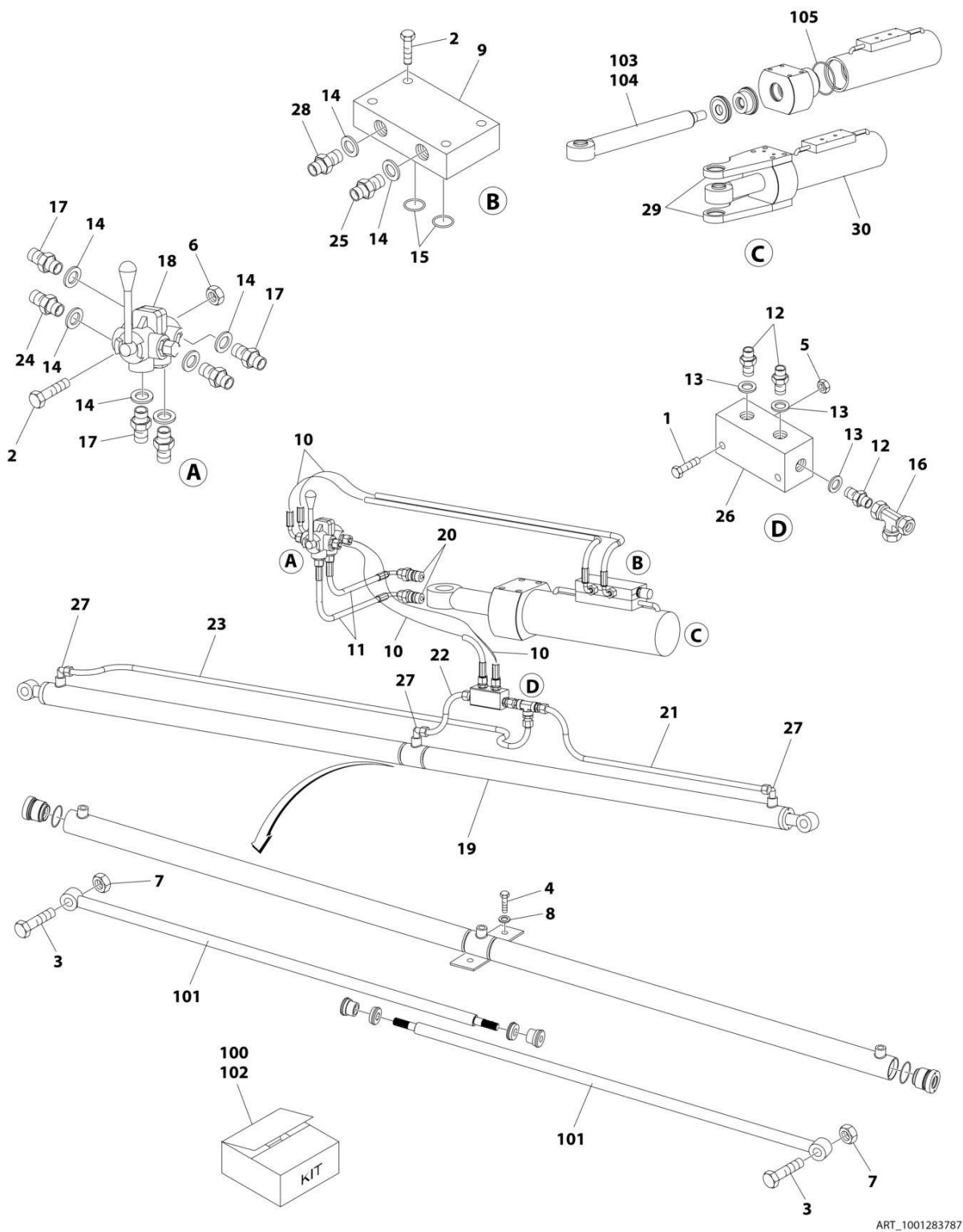
SECTION 3 - ATTACHMENTS

FIGURE 3-12. PLATFORM CONTROL BOX ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283703	Ref	PLATFORM CONTROL BOX ASSEMBLY	A
1	1001274722	1	Bracket	
2	1001274754	1	Switch	
3	1001275080	1	Mount	
4	1001275081	4	Mount	
5	1001278478	1	Switch, Emergency Stop	
6	1001278671	1	Housing, Plug	
7	1001278672	1	Connector, Female	
8	1001278673	1	Connector, Male	
9	1001283209	1	Housing, Receptacle	
10	1001283704	1	Grommet	
11	1001283705	1	Sensor	
12	1001283706	1	Harness, Platform Control Box	
13	1001283707	1	Module, Control	

SECTION 3 - ATTACHMENTS

FIGURE 3-13. PLATFORM HYDRAULICS ASSEMBLY



ART_1001283787

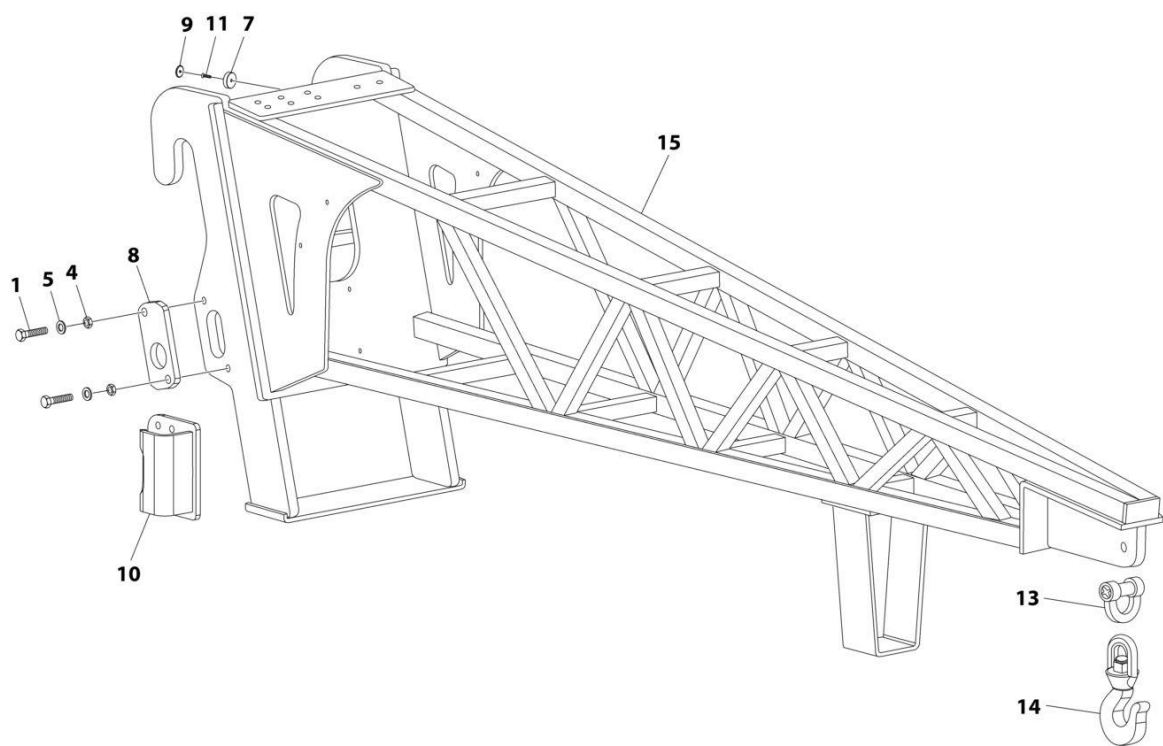
SECTION 3 - ATTACHMENTS

FIGURE 3-13. PLATFORM HYDRAULICS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283787	Ref	PLATFORM HYDRAULICS ASSEMBLY	A
1	0700618	2	Bolt M6 x 50	
2	0700816	5	Bolt M8 x 40	
3	0712024	2	Bolt M20 x 80	
4	0761010	2	Bolt M10 x 20	
5	3290605	1	Nut, Lock M6	
6	3290805	1	Nut, Lock M8	
7	3332015	2	Nut, Lock M20	
8	4832000	2	Washer, Lock M10	
9	1001274774	1	Valve	
10	1001275017	4	Hose	
11	1001275018	2	Hose	
12	1001279103	3	Fitting Straight ORFS/ORB	
13	1001279105	3	Washer	
14	1001279277	8	Washer	
15	1001279278	2	O-Ring	
16	1001279330	1	Fitting Tee FORB/FORB/FORB	
17	1001280493	5	Fitting Straight ORB/ORB	
18	1001283821	1	Valve	
19	1001283822	1	Platform Extension Cylinder Assembly (Note: Does Not Include Items 3, 4, 7, or 8) (Includes Item 101)	
20	1001283823	2	Coupling, Quick Disconnect	
21	1001283824	1	Pipe	
22	1001283825	1	Pipe	
23	1001283826	1	Pipe	
24	1001283827	1	Fitting Straight ORB/ORB	
25	1001283828	1	Fitting Straight ORB/ORB	
26	1001283829	1	Manifold	
27	1001283830	3	Fitting 90 FSORFS/ORB	
28	1001283831	1	Fitting Straight ORB/ORB	
29	1001283833	2	Plate	
30	1001283834	1	Platform Leveling Cylinder (Includes Items 103-105)	
100	70030557	1	Seal Kit (For Use With Platform Extension Cylinder)	
101	70030558	2	Rod	
102	70030559	1	Seal Kit (For Use With Platform Leveling Cylinder)	
103	70030560	1	Rod	
104	70030561	1	Eyebolt	
105	70030562	1	Seal	

SECTION 3 - ATTACHMENTS

FIGURE 3-14. TRUSS BOOM ASSEMBLY - WITH HOOK



ART_1001276575

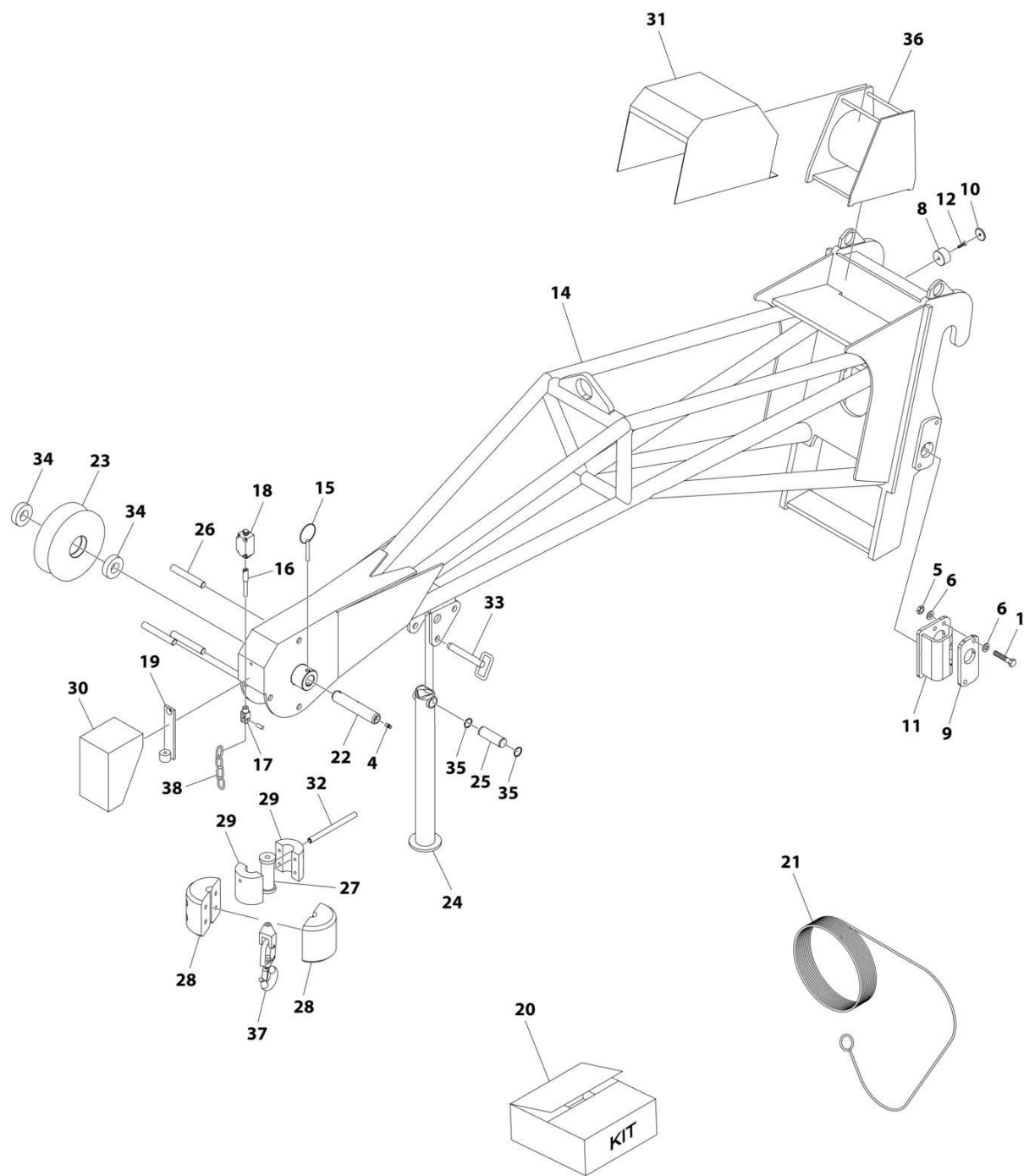
SECTION 3 - ATTACHMENTS

FIGURE 3-14. TRUSS BOOM ASSEMBLY - WITH HOOK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276575	Ref	TRUSS BOOM ASSEMBLY - WITH HOOK	B
1	0701218	4	Bolt M12 x 50	
2	1706301	1	Decal - Moving Parts (Not Shown)	
3	1706850	1	Decal - Crush Hazard (Not Shown)	
4	3291205	4	Nut, Lock M12	
5	4812100	4	Washer M12	
6	1001207217	1	Decal - Swing Danger (Not Shown)	
7	1001275288	1	Spacer	
8	1001275346	2	Plate	
9	1001277444	1	Decal - Attachment ID	
10	1001277535	2	Bracket	
11	1001283694	1	Bolt M5 x 25	
12	1001284130	1	Decal - Personnel Warning (Not Shown)	
13	1001284135	1	Clevis	
14	1001284136	1	Hook	
15	1001284137	1	Boom	
16	1001284980	3	Decal - Lifting Point (Not Shown)	
17	1001284983	1	Decal - Dragging Warning (Not Shown)	

SECTION 3 - ATTACHMENTS

FIGURE 3-15. TRUSS BOOM ASSEMBLY - WITH WINCH



ART_1001276576

SECTION 3 - ATTACHMENTS

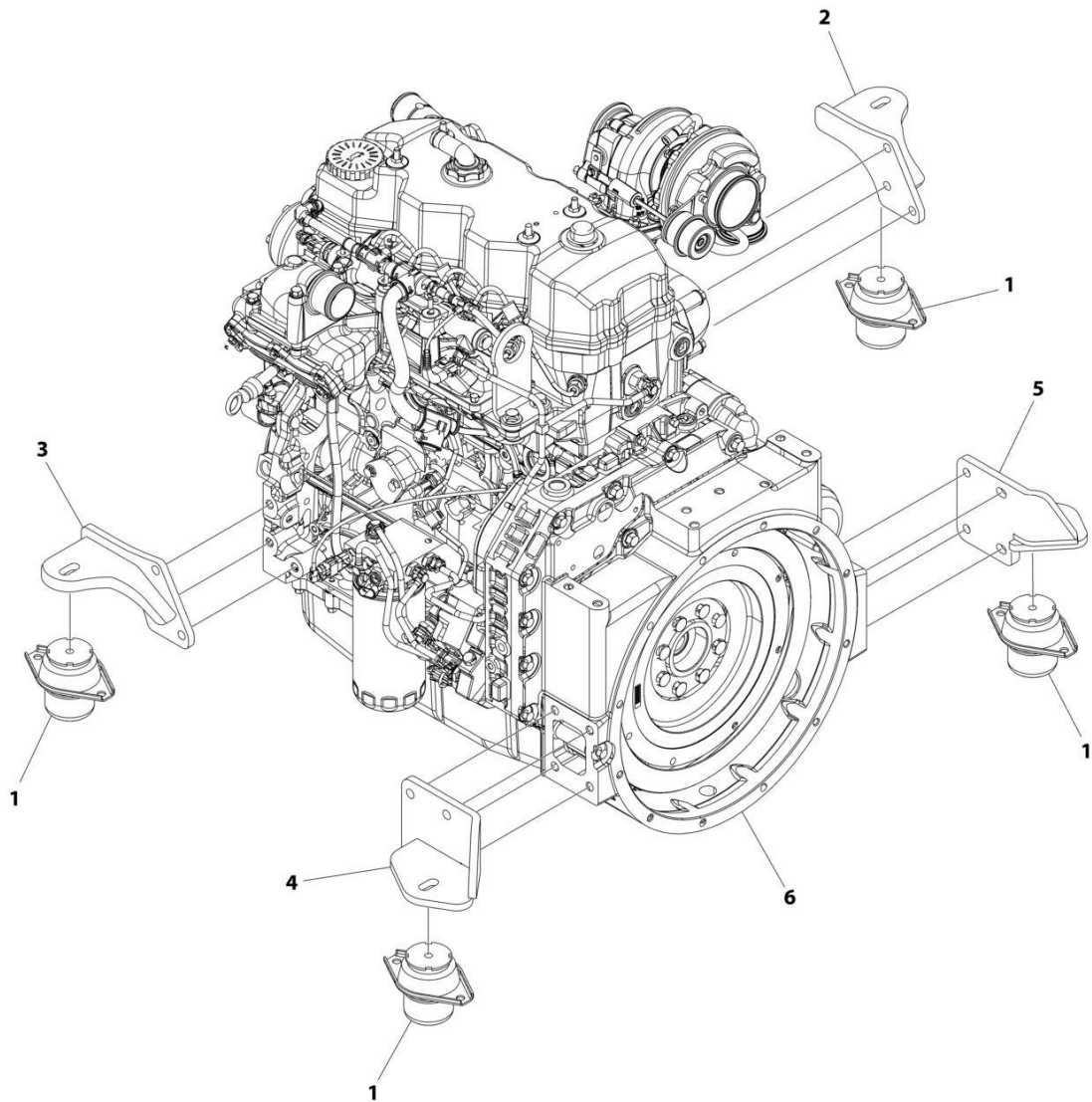
FIGURE 3-15. TRUSS BOOM ASSEMBLY - WITH WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276576	Ref	TRUSS BOOM ASSEMBLY - WITH WINCH	E
1	0701218	4	Bolt M12 x 50	
2	1706301	2	Decal - Moving Parts (Not Shown)	
3	1706850	1	Decal - Crush Hazard (Not Shown)	
4	2160016	1	Fitting, Grease	
5	3291205	4	Nut M12	
6	4812100	8	Washer M12	
7	1001207217	1	Decal - Swing Danger (Not Shown)	
8	1001275288	1	Spacer	
9	1001275346	2	Plate	
10	1001277444	1	Decal - Attachment ID	
11	1001277535	2	Bracket	
12	1001283694	1	Screw M5 x 25	
13	1001284130	1	Decal - Personnel Warning (Not Shown)	
14	1001284187	1	Boom	
15	1001284188	1	Pin	
16	1001284189	1	Rod	
17	1001284190	1	Yoke	
18	1001284191	1	Sensor	
19	1001284192	1	Bracket	
20	1001284193	1	Kit, Hardware	
21	1001284194	1	Cable	
22	1001284195	1	Pin	
23	1001284196	1	Sheave	
24	1001284197	1	Leg, Support	
25	1001284198	1	Pin	
26	1001284199	3	Pin	
27	1001284200	1	Guide, Cable	
28	1001284201	1	Counterweight	
29	1001284202	1	Counterweight	
30	1001284203	1	Cover	
31	1001284204	1	Cover	
32	1001284205	1	Pin	
33	1001284206	1	Pin	
34	1001284207	2	Bearing	
35	1001284208	2	Ring, Retaining	
36	1001284209	1	Winch	
37	1001284210	1	Hook	
38	1001284211	1	Chain	
39	1001284980	3	Decal - Lifting Point (Not Shown)	
40	1001284983	2	Decal - Dragging Warning (Not Shown)	

SECTION 4 - ENGINE AND ATTACHING PARTS

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-1. ENGINE MOUNTS INSTALLATION



ART_1001280414

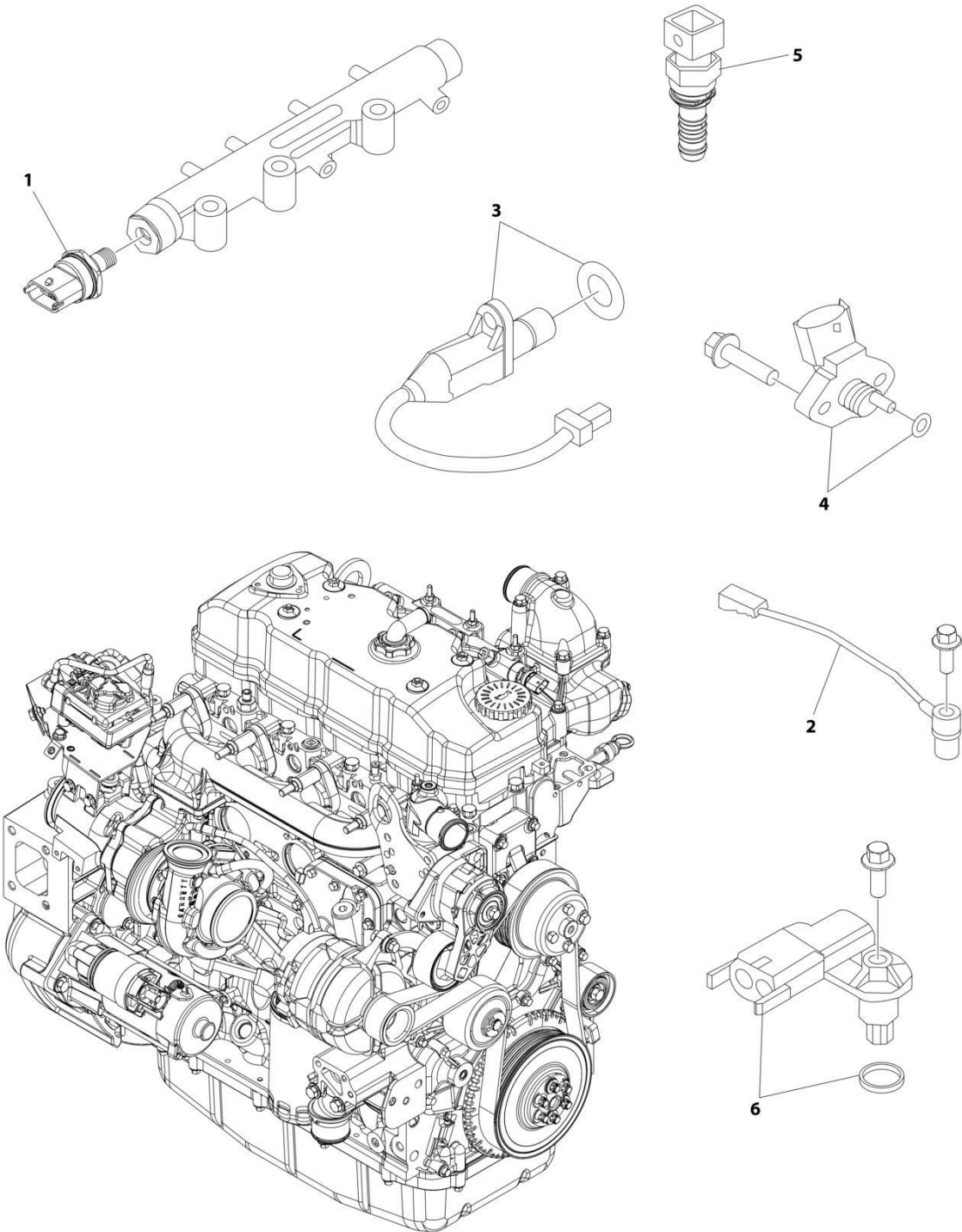
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-1. ENGINE MOUNTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280414	Ref	ENGINE MOUNTS INSTALLATION	B
1	1001275079	4	Mount	
2	1001275813	1	Bracket, Engine Front Right	
3	1001275814	1	Bracket, Engine Front Left	
4	1001275815	1	Bracket, Engine Rear Left	
5	1001275816	1	Bracket, Engine Rear Right	
6	1001289830	1	Engine (See Separate Breakdown in this Section)	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-2. ENGINE COMPONENTS



ART_1001289830

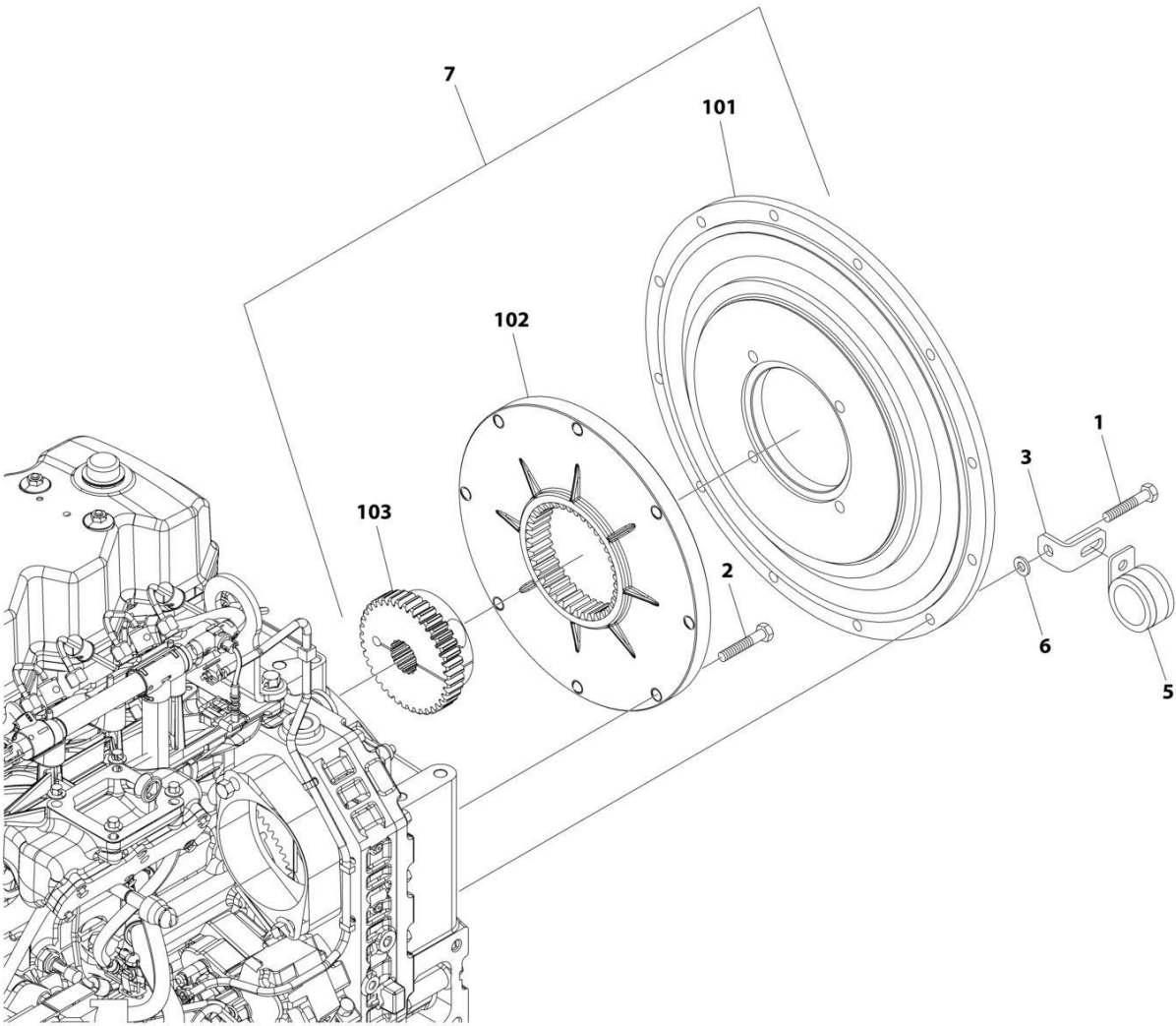
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-2. ENGINE COMPONENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289830	Ref	ENGINE COMPONENTS	A
1	70030927	1	Sensor	
2	70030928	1	Sensor, Speed	
3	70030929	1	Sensor, Speed	
4	70030930	1	Sensor, Oil Pressure	
5	70030931	1	Sensor, Water Temperature	
6	70030932	1	Sensor, Air Temperature	
7	1001277180	1	Filter, Second Fuel (Not Shown)	
8	70030937	1	Filter, First Fuel (Not Shown)	
9	70030938	1	Filter, Oil (Not Shown)	
10	70030940	1	Alternator (Not Shown)	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-3. PUMP COUPLING INSTALLATION



ART_1001280416

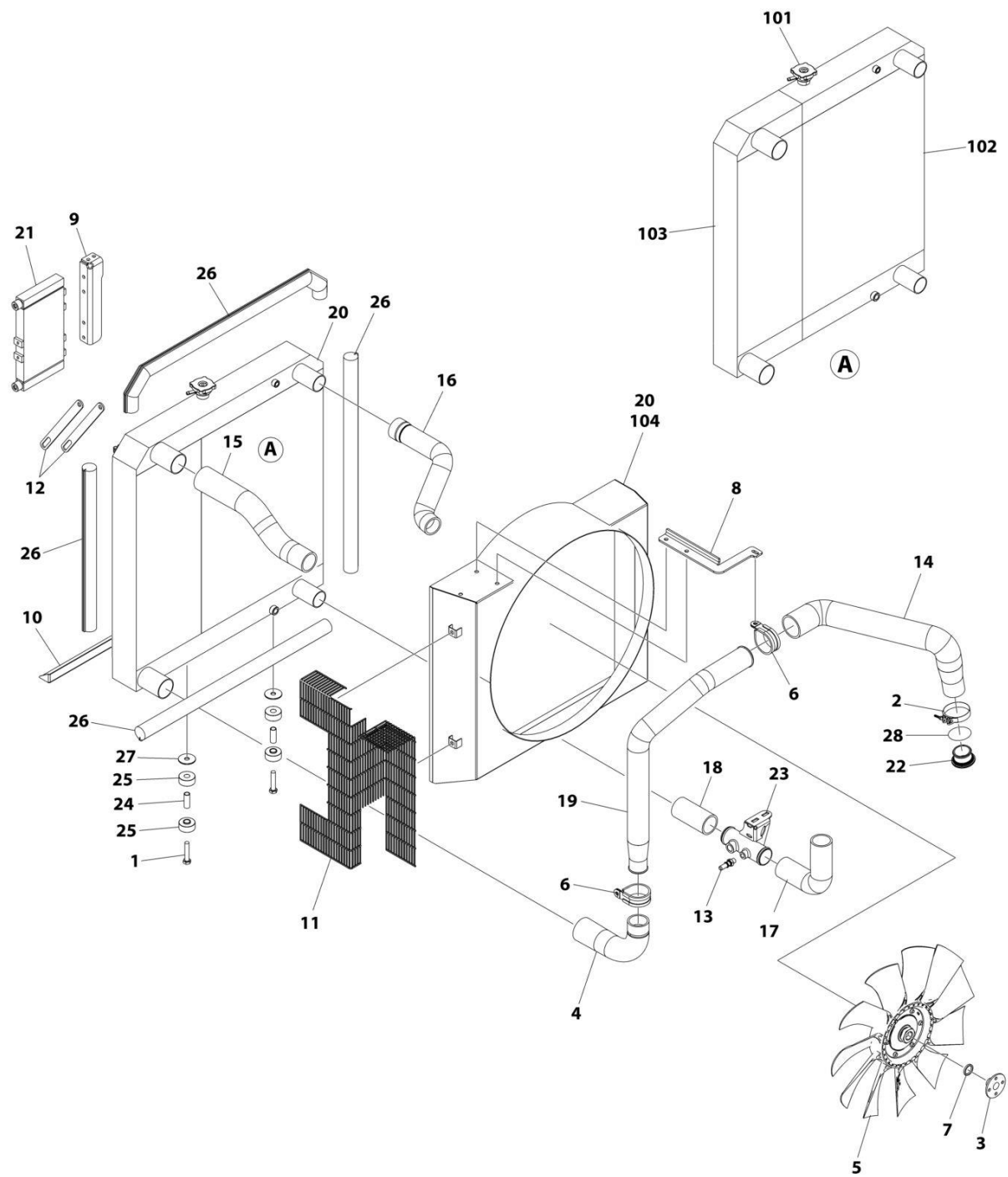
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-3. PUMP COUPLING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280416	Ref	PUMP COUPLING INSTALLATION	B
1	0701014	12	Bolt M10 x 30	
2	0701015	8	Bolt M10 x 35	
3	1001277784	1	Bracket	
5	1001276551	1	Clip	
6	1001278078	12	Washer, Spring M10	
7	1001275977	1	Coupling (Includes Items 101-103)	
101	1001276544	1	Cover, Flywheel	
102	1001287162	1	Flywheel	
103	1001287163	1	Hub, Coupling	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-4. ENGINE COOLING INSTALLATION



ART_1001275749

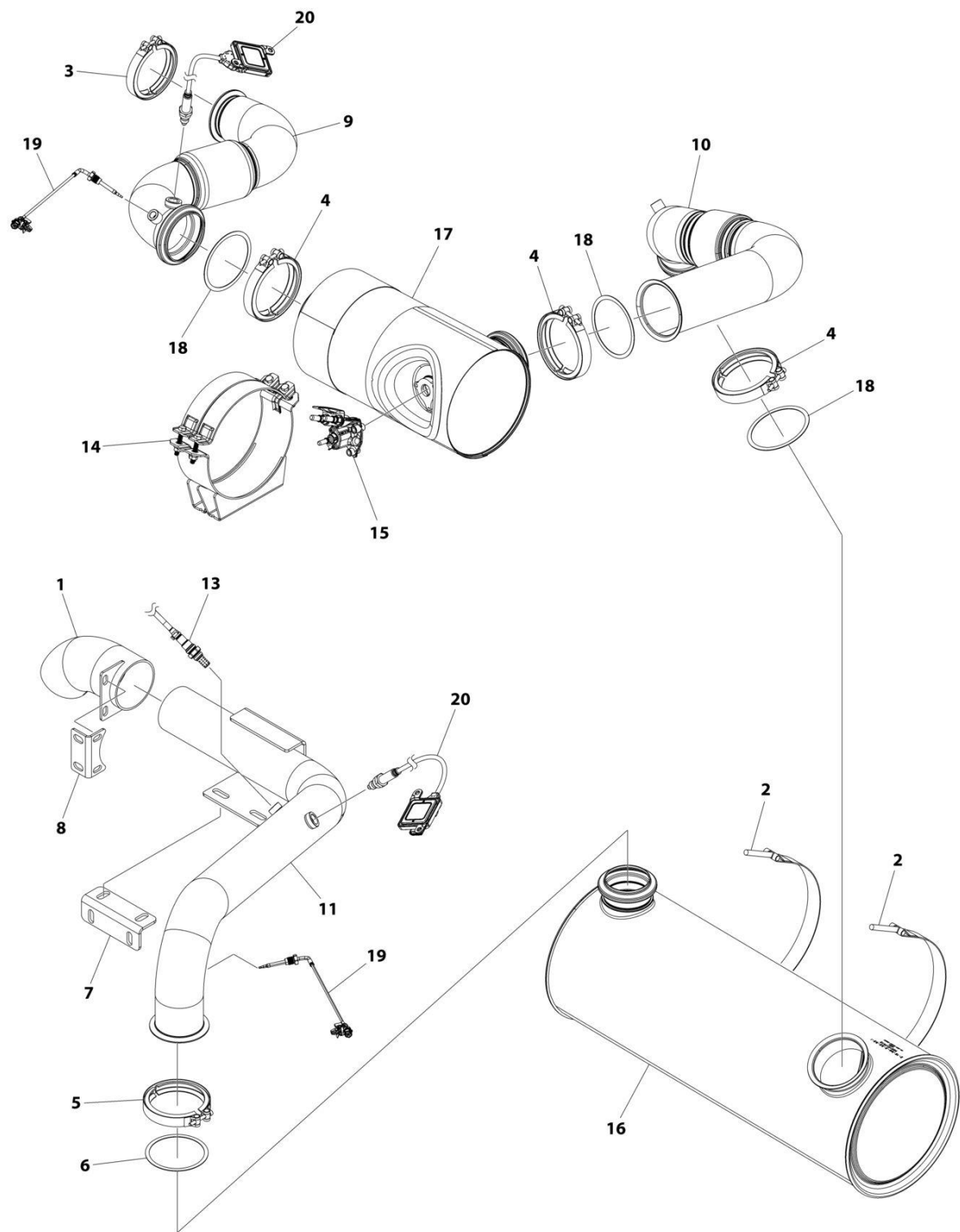
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-4. ENGINE COOLING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275749	Ref	ENGINE COOLING INSTALLATION	B
1	0701020	2	Bolt M10 x 60	
2	8410012	1	Clamp	
3	1001275287	1	Spacer	
4	1001275556	1	Tube	
5	1001275973	1	Fan	
6	1001276005	2	Tube, Wire	
7	1001276092	1	Coupling, Fan	
8	1001276099	1	Bracket	
9	1001276200	1	Bracket	
10	1001276204	1	Bracket	
11	1001276210	1	Cover	
12	1001276217	2	Bracket	
13	1001276220	1	Fitting	
14	1001276222	1	Pipe	
15	1001276223	1	Pipe	
16	1001276224	1	Hose	
17	1001276225	1	Elbow	
18	1001276226	1	Hose	
19	1001276323	1	Pipe	
20	1001276326	1	Radiator Assembly (Includes Items 101-104)	B
21	1001276328	1	Radiator, Fuel	
22	1001276558	1	Sleeve	
23	1001276559	1	Manifold	
24	1001276565	2	Bushing	
25	1001278133	4	Mount	
26	1001278136	4	Gasket	
27	1001280419	2	Washer	
28	1001280421	1	O-Ring	
101	1001276911	1	Cap	
102	1001276998	1	Radiator, Water	
103	1001276999	1	Radiator, Air	
104	1001280420	1	Shroud	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-5. EXHAUST INSTALLATION



ART_1001275751

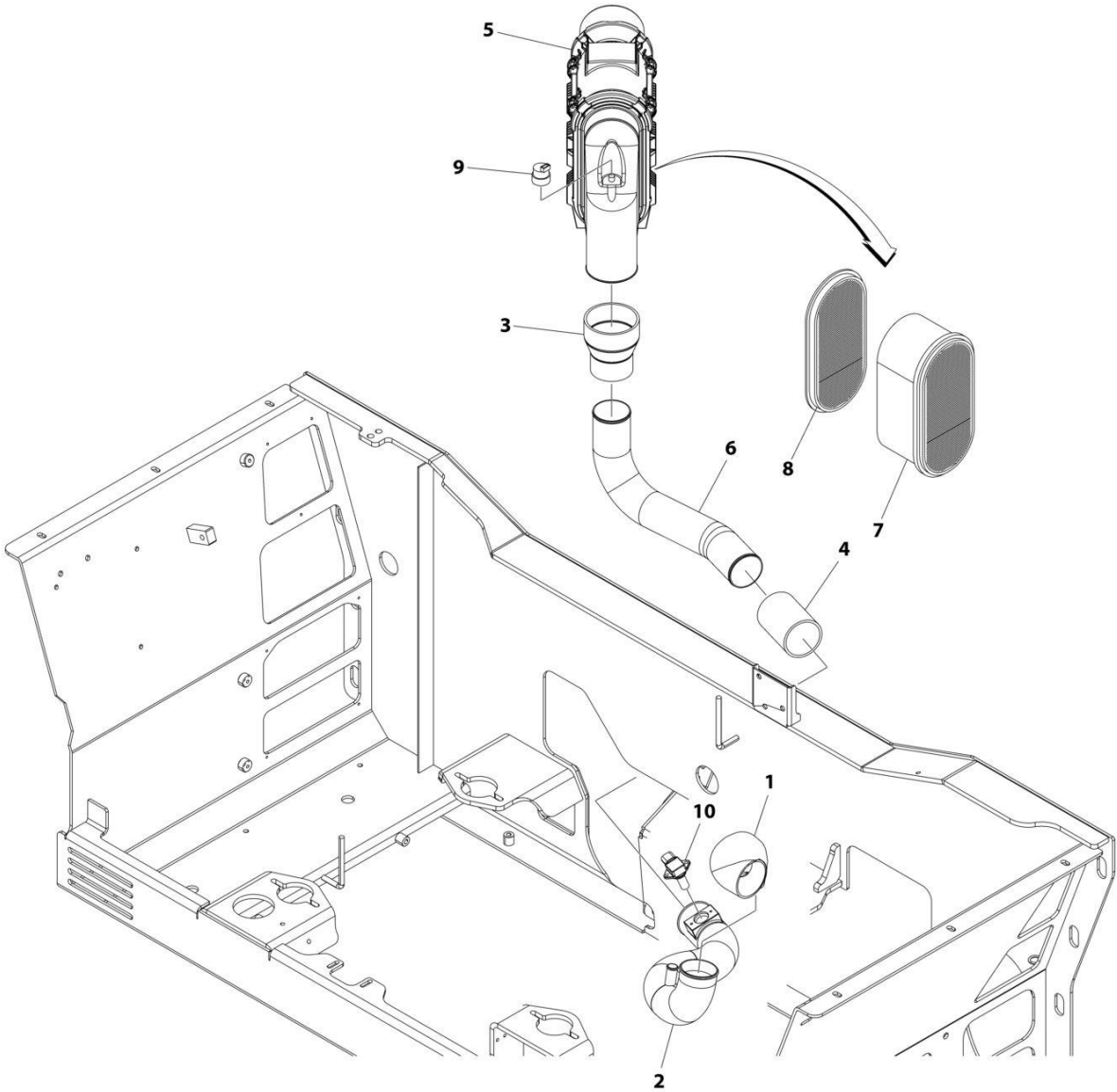
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-5. EXHAUST INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275751	Ref	EXHAUST INSTALLATION	C
1	1001275803	1	Pipe	
2	1001275809	2	Strap	
3	1001276002	1	Clamp	
4	1001276003	3	Clamp	
5	1001276004	1	Clamp	
6	1001276190	1	Gasket	
7	1001276195	1	Bracket	
8	1001276202	1	Bracket	
9	1001276331	1	Tube	
10	1001276332	1	Tube	
11	1001276333	1	Tube	
13	1001280573	1	Sensor, NH3	
14	1001280574	1	Bracket	
15	1001280575	1	Injector	
16	1001280576	1	Muffler, SCR	
17	1001280577	1	Muffler, DOC	
18	1001280578	3	Gasket	
19	1001282270	2	Sensor	
20	1001282271	2	Sensor	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-6. AIR FILTER INSTALLATION



ART_1001280415

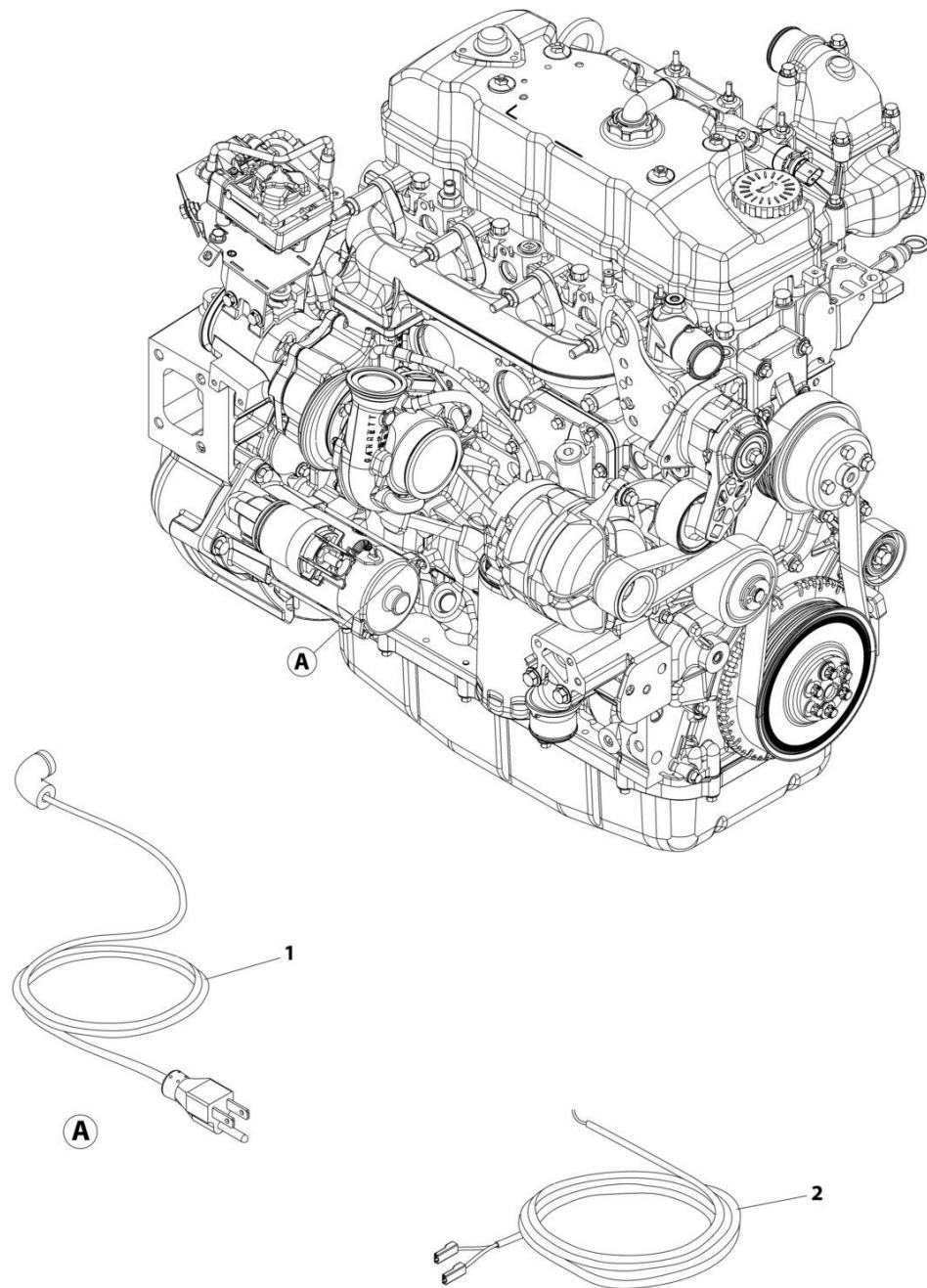
SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-6. AIR FILTER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280415	Ref	AIR FILTER INSTALLATION	A
1	1001276221	1	Elbow	
2	1001276227	1	Pipe	
3	1001276324	1	Reducer	
4	1001276325	1	Tube	
5	1001276478	1	Filter, Air	
6	1001276552	1	Pipe	
7	1001277178	1	Element, Large Air Filter	
8	1001277179	1	Element, Small Air Filter	
9	1001277181	1	Sensor, Air Flow	
10	1001282269	1	Sensor, Air	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-7. BLOCK HEATER INSTALLATION



ART_1001275750

SECTION 4 - ENGINE AND ATTACHING PARTS

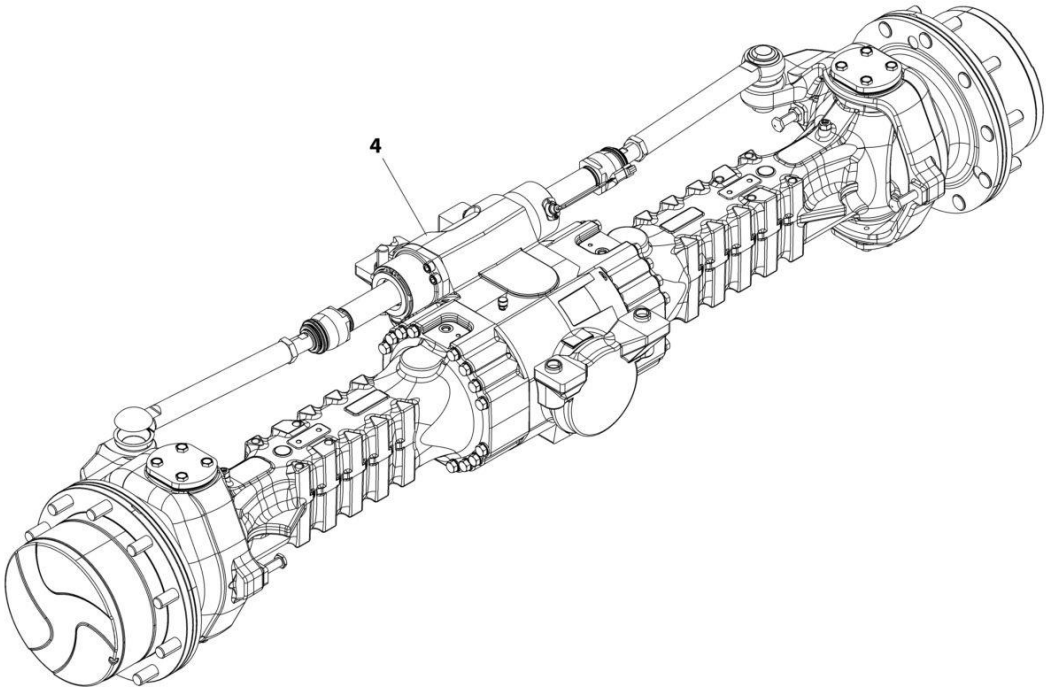
FIGURE 4-7. BLOCK HEATER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275750	Ref	BLOCK HEATER INSTALLATION	B
1	1001282272	1	Heater, Engine	
2	1001282273	1	Cord, Heater	

SECTION 5 - DRIVE TRAIN

SECTION 5 - DRIVE TRAIN

FIGURE 5-1. FRONT AXLE INSTALLATION



ART_1001281227

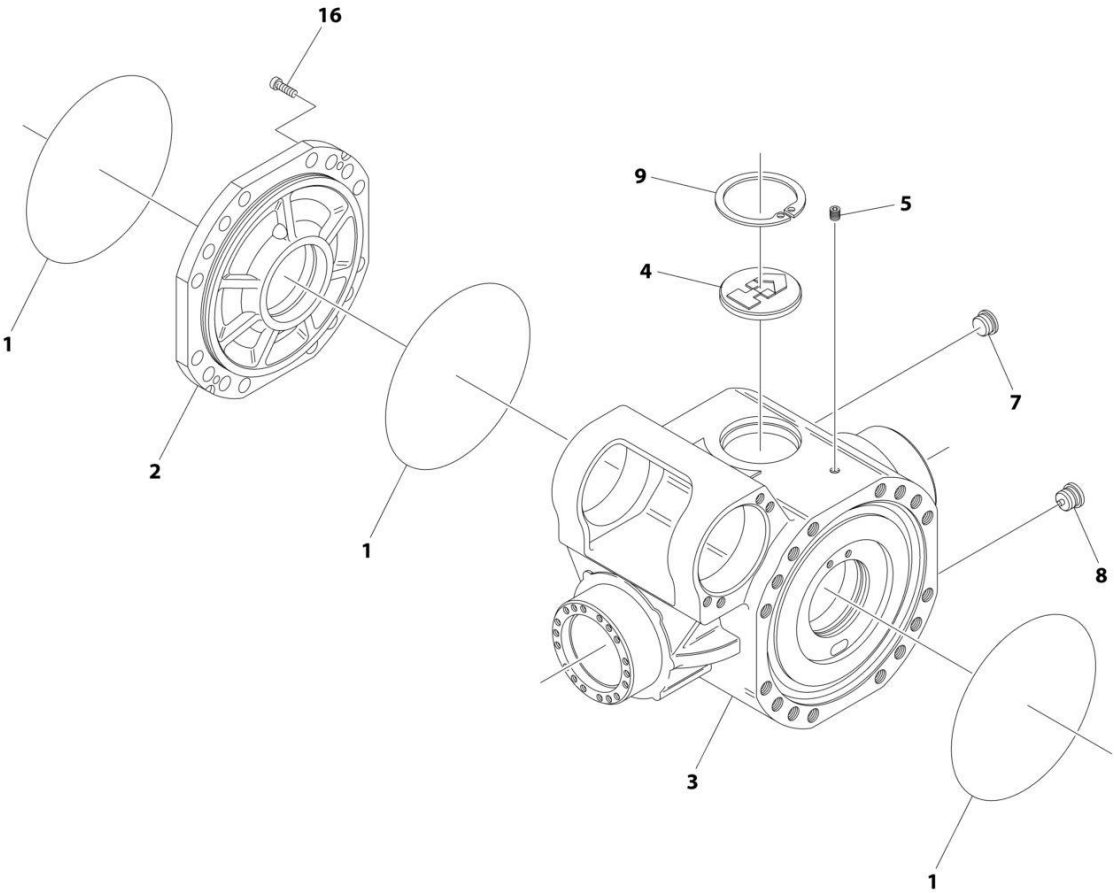
SECTION 5 - DRIVE TRAIN

FIGURE 5-1. FRONT AXLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281227	Ref	FRONT AXLE INSTALLATION	A
1	3332015	4	Nut, Lock M20 (Not Shown)	
2	4812500	4	Washer M20 (Not Shown)	
3	1001008967	4	Bolt M20 x 2-1/2 (Not Shown)	
4	1001277518	1	Front Axle Assembly (See Separate Breakdown in this Section)	

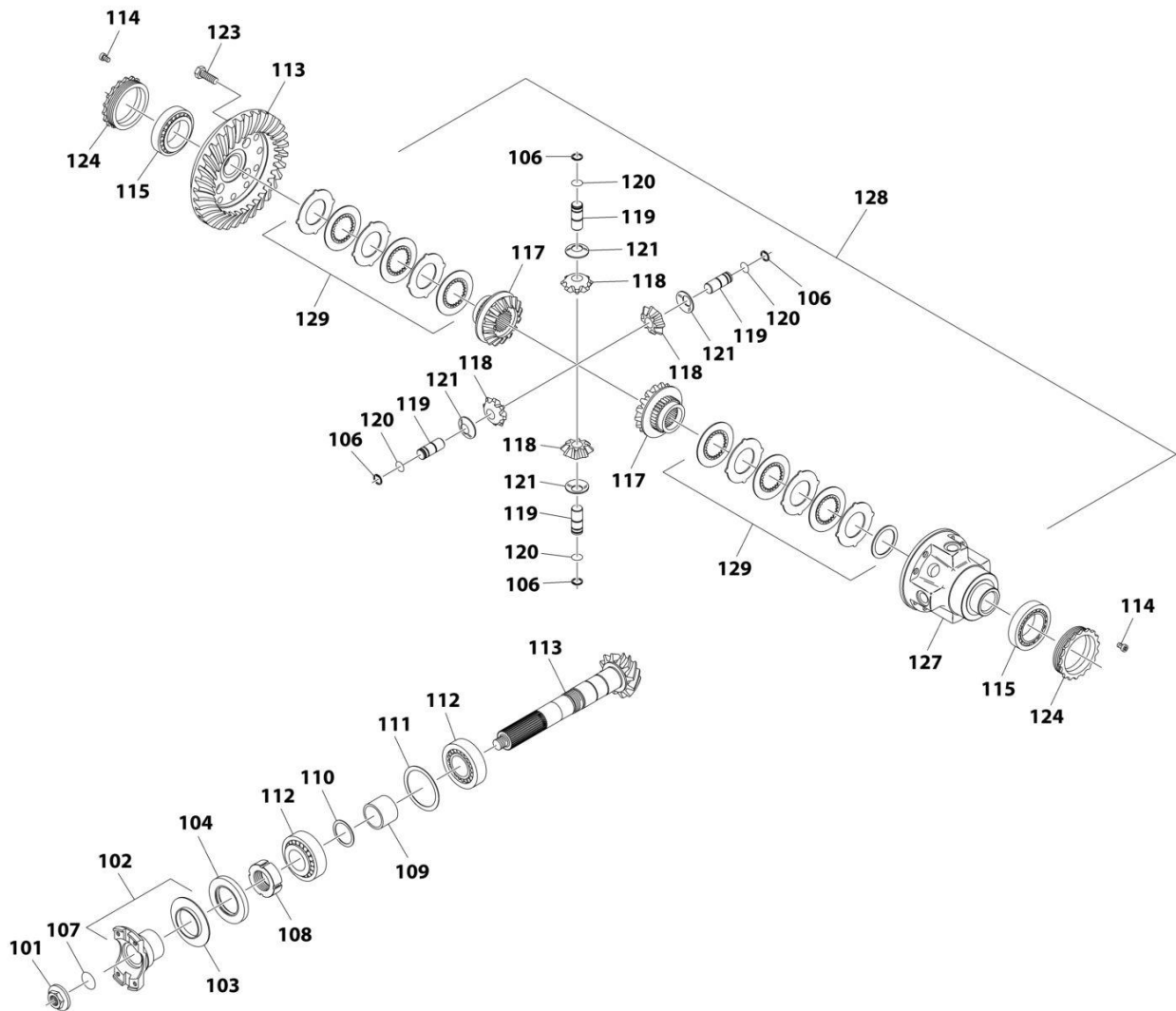
SECTION 5 - DRIVE TRAIN

FIGURE 5-2. AXLE ASSEMBLY - FRONT



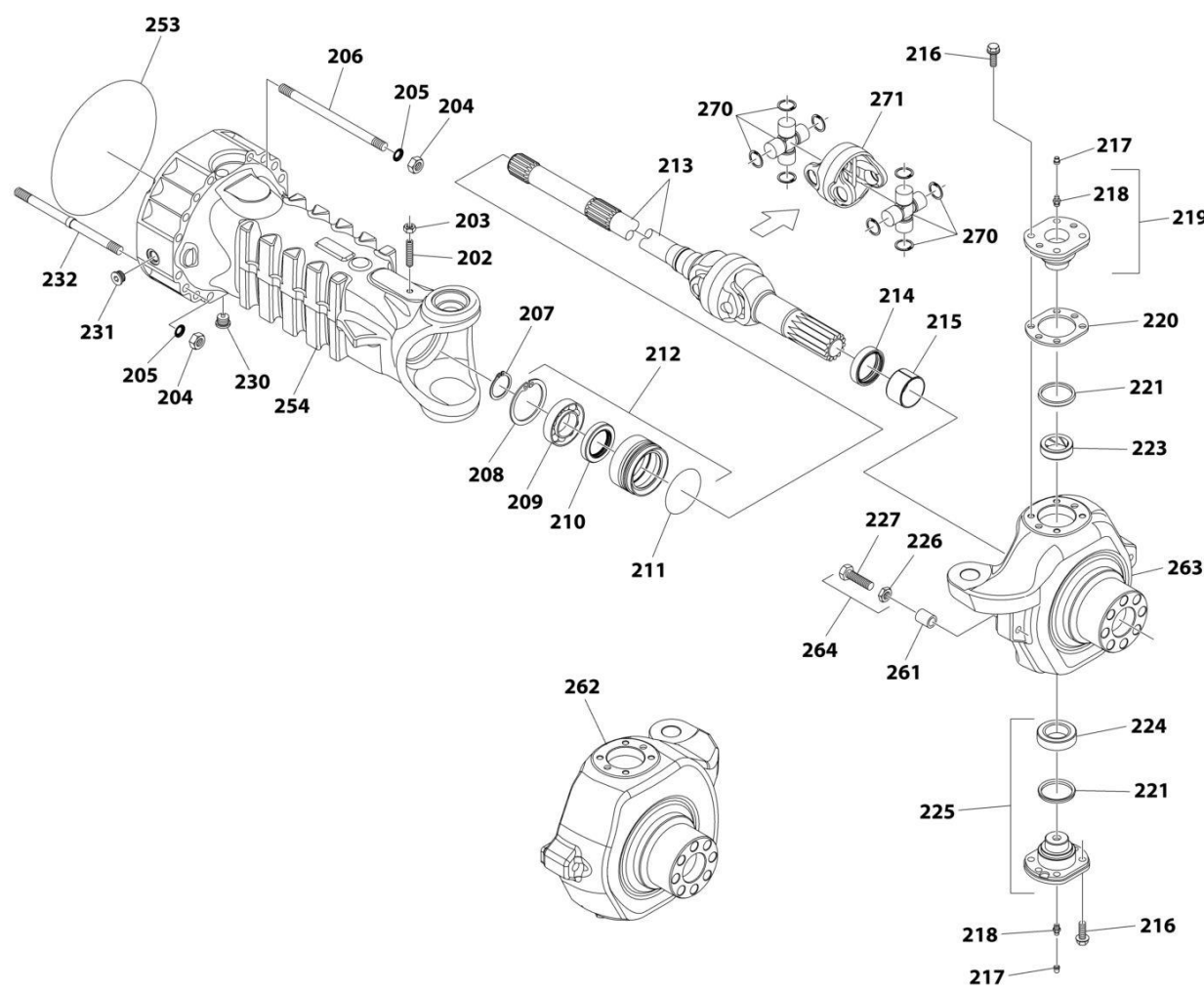
ART_1001277518_1OF7

SECTION 5 - DRIVE TRAIN



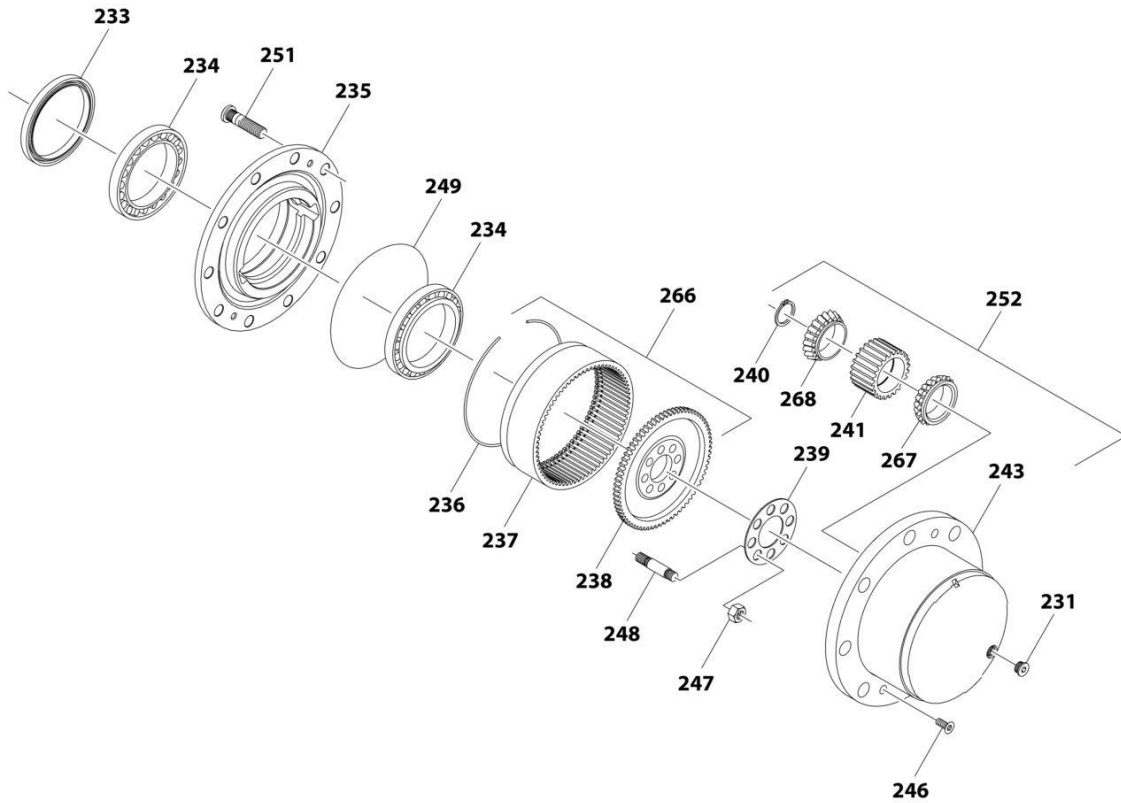
ART_1001277518_20F7

SECTION 5 - DRIVE TRAIN



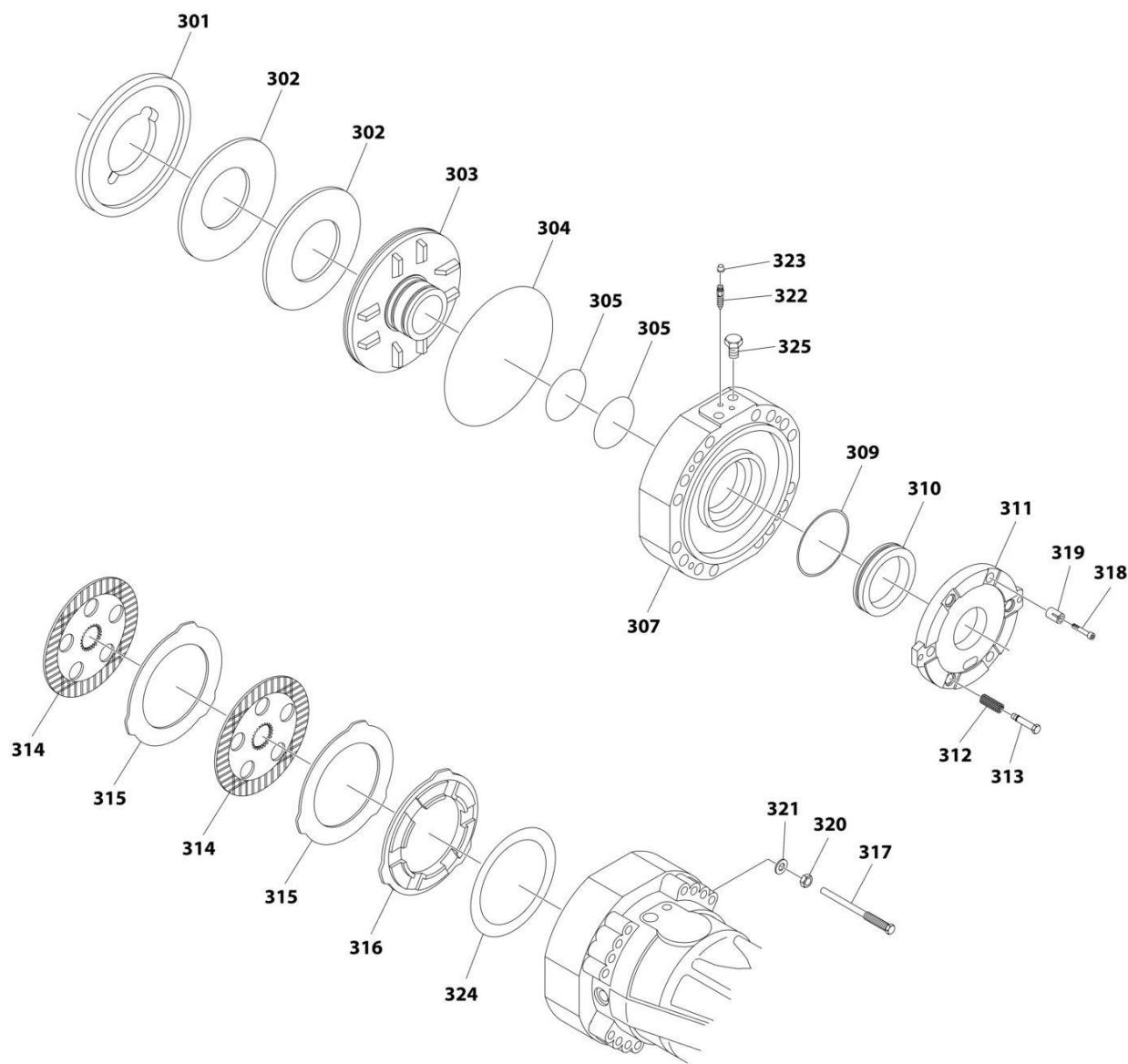
ART_1001277518_3OF7

SECTION 5 - DRIVE TRAIN



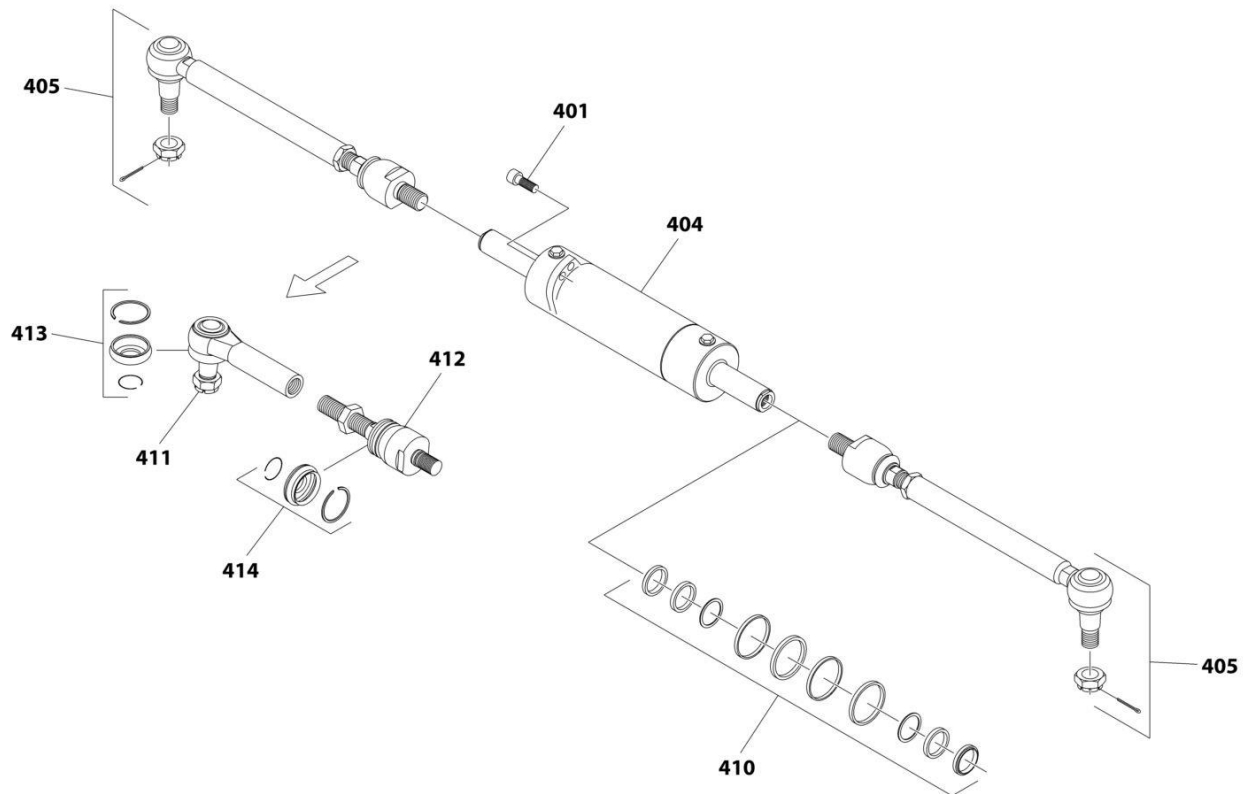
ART_1001277518_4OF7

SECTION 5 - DRIVE TRAIN



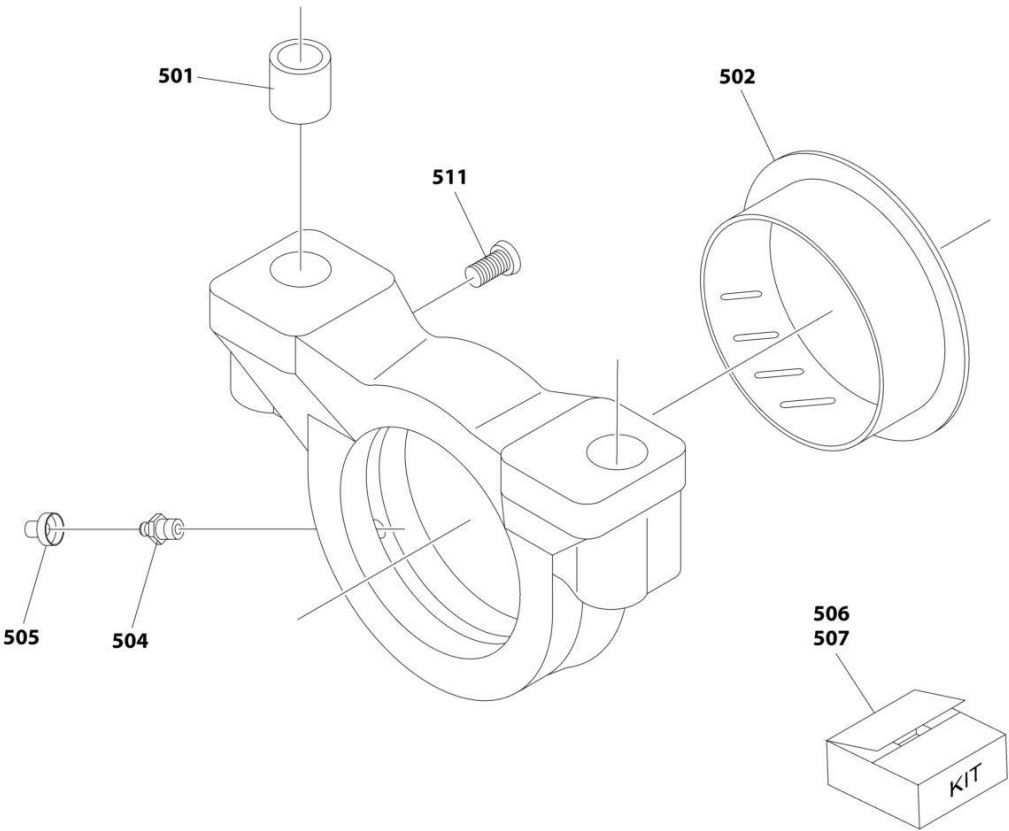
ART_1001277518_50F7

SECTION 5 - DRIVE TRAIN



ART_1001277518_6OF7

SECTION 5 - DRIVE TRAIN



ART_1001277518_7OF7

SECTION 5 - DRIVE TRAIN

FIGURE 5-2. AXLE ASSEMBLY - FRONT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001277518	Ref	AXLE ASSEMBLY	A
		Ref	Central Housing Assembly	
1	91474507	3	O-Ring	
2	70024872	1	Cover	
3	70026977	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 (Includes Item 103)	
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	70026814	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	8007751	1	Carrier	
128	70028940	1	Limited Slip Assembly (Includes Items 106, 117-121, 127 & 129)	
129	8007755	2	Disc Kit	
		Ref	Central Housing Assembly	
202	91514081	2	Bolt	
203	91514082	2	Nut	
204	91514083	8	Nut	
205	91514084	8	Washer	
206	70024207	24	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	70031013	2	Joint, Universal	
214	70025857	2	Seal	

SECTION 5 - DRIVE TRAIN

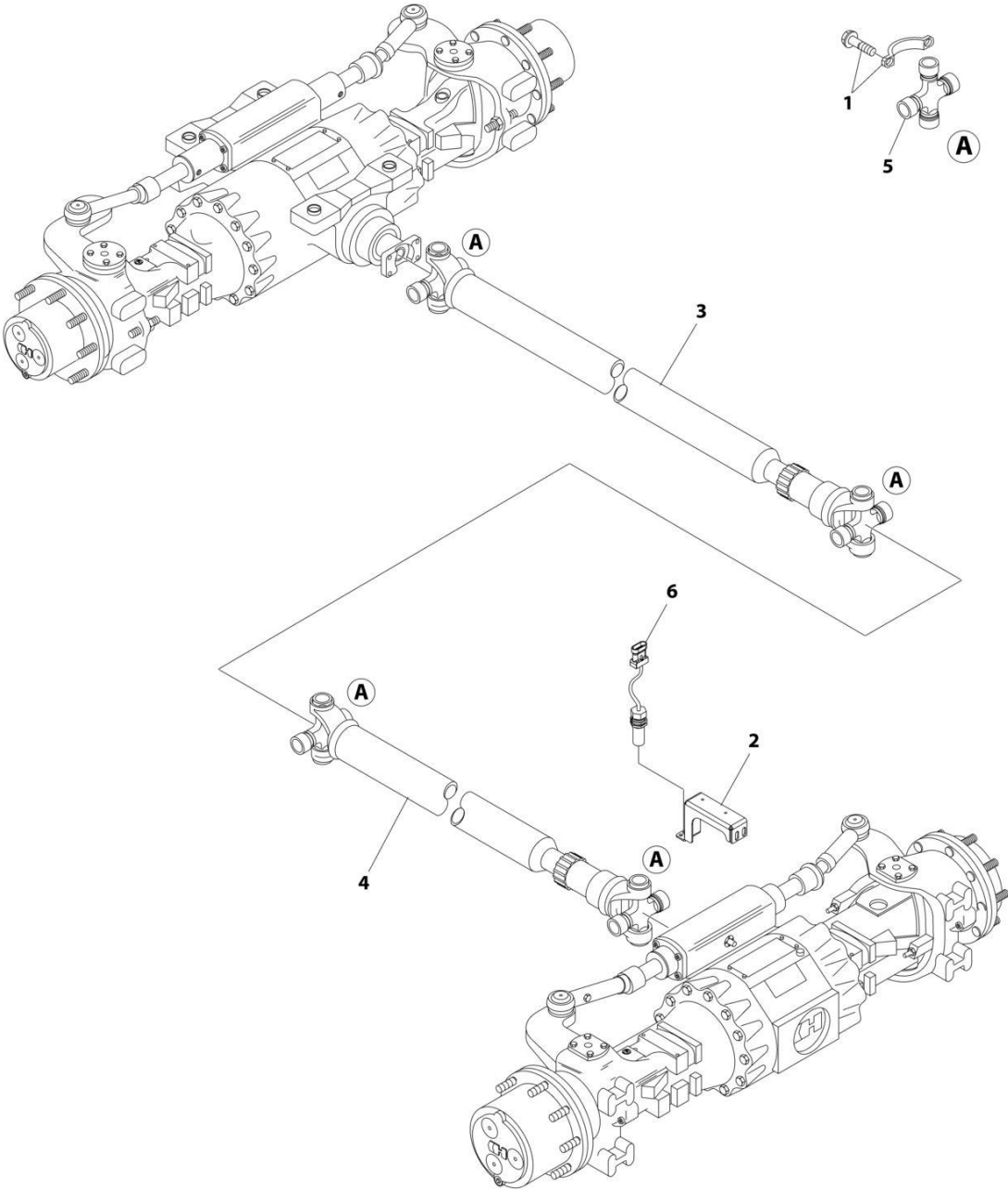
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
215	91514111	2	Bushing	
216	70025562	24	Bolt	
217	80204117	4	Plug	
218	70024881	4	Grease Fitting	
219	91514112	2	Pivot (Includes Item 218)	
220	70025561	1	Shim Kit	
221	7028716	4	Seal	
223	7028714	2	Bushing	
224	91514095	2	Bearing	
225	7028715	2	Pivot Kit (Includes Pivot & Items 221 & 224)	
226	80204065	4	Nut	
227	7028733	4	Bolt	
230	7028706	2	Plug	
231	91514188	4	Plug	
232	70031009	8	Stud	
233	70026002	2	Seal	
234	80204076	4	Bearing	
235	70031006	2	Hub	
236	91514175	2	Circlip	
237	70024147	2	Ring Gear	
238	91514177	2	Support, Ring Gear	
239	91514178	2	Plate, Locking	
240	7028724	6	Circlip	
241	7028725	6	Gear, Planetary	
242	7028726	2	Carrier, Planetary Gear	
246	91514189	4	Bolt	
247	91514179	16	Nut	
248	91514180	16	Stud	
249	91514181	2	O-Ring	
251	8000877	20	Stud, Wheel	
252	70028647	2	Planet Gear Carrier Kit (Includes Housing and Items 240-243)	
253	91474507	2	O-Ring	
254	70031011	2	Case, Axle	
261	7029311	4	Spacer	
262	70040713	1	Case, Steer (LH)	
263	70031007	1	Case, Steer (RH)	
264	70028733	4	Bolt Kit (Includes Items 226 & 227)	
266	70024146	2	Ring Gear Kit (Includes Items 236-238)	
267	7028732	6	Bearing	
268	7028731	6	Bearing	
270	70028943	2	Joint, Cross	
271	70028944	1	Joint, Center	
		Ref	Brake Assembly	
301	7028734	1	Spacer	
302	91474559	4	Spring	
303	91474560	2	Piston	
304	91474561	2	O-Ring	
305	70026262	4	Seal	
307	7028735	2	Cover	
309	70026623	2	Seal	
310	91474564	2	Piston	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
311	91474565	2	Disc, Intermediate Brake	
312	91514159	6	Spring	
313	70024210	6	Bolt	
314	70047343	8	Disc	
315	70025823	8	Disc, Intermediate Brake	
316	91474570	2	Spacer	
317	70031012	4	Bolt	
318	7029787	6	Bolt	
319	70027317	6	Spring	
320	80204060	4	Nut	
321	80204108	4	Washer, Lock	
322	10725627	4	Bolt	
323	80204117	4	Plug	
324	70025981	1	Shim	
325	91514154	4	Plug	
		Ref	Steering Assembly	
401	91474522	4	Bolt	
404	70025566	1	Cylinder	
405	70026799	2	Tie Rod	
410	70025842	1	Seal Kit	
411	70028475	1	Joint	
412	70028476	1	Joint, Axial	
413	70028477	1	Joint Boot & Ring Kit	
414	70028468	1	Axial Joint Boot & Ring Kit	
		Ref	Trunion Assembly	
501	91474516	4	Bushing	
502	70029445	2	Bushing	
504	70024881	2	Fitting, Grease	
505	80204117	2	Plug	
506	7028084	1	Front Trunion Kit (Includes Front Trunion and items 501-505)	
507	7028084	1	Rear Trunion Kit (Includes Rear Trunion and items 501-505)	
511	70028535	2	Bolt	

SECTION 5 - DRIVE TRAIN

FIGURE 5-3. DRIVE SHAFT INSTALLATION



ART_1001281226

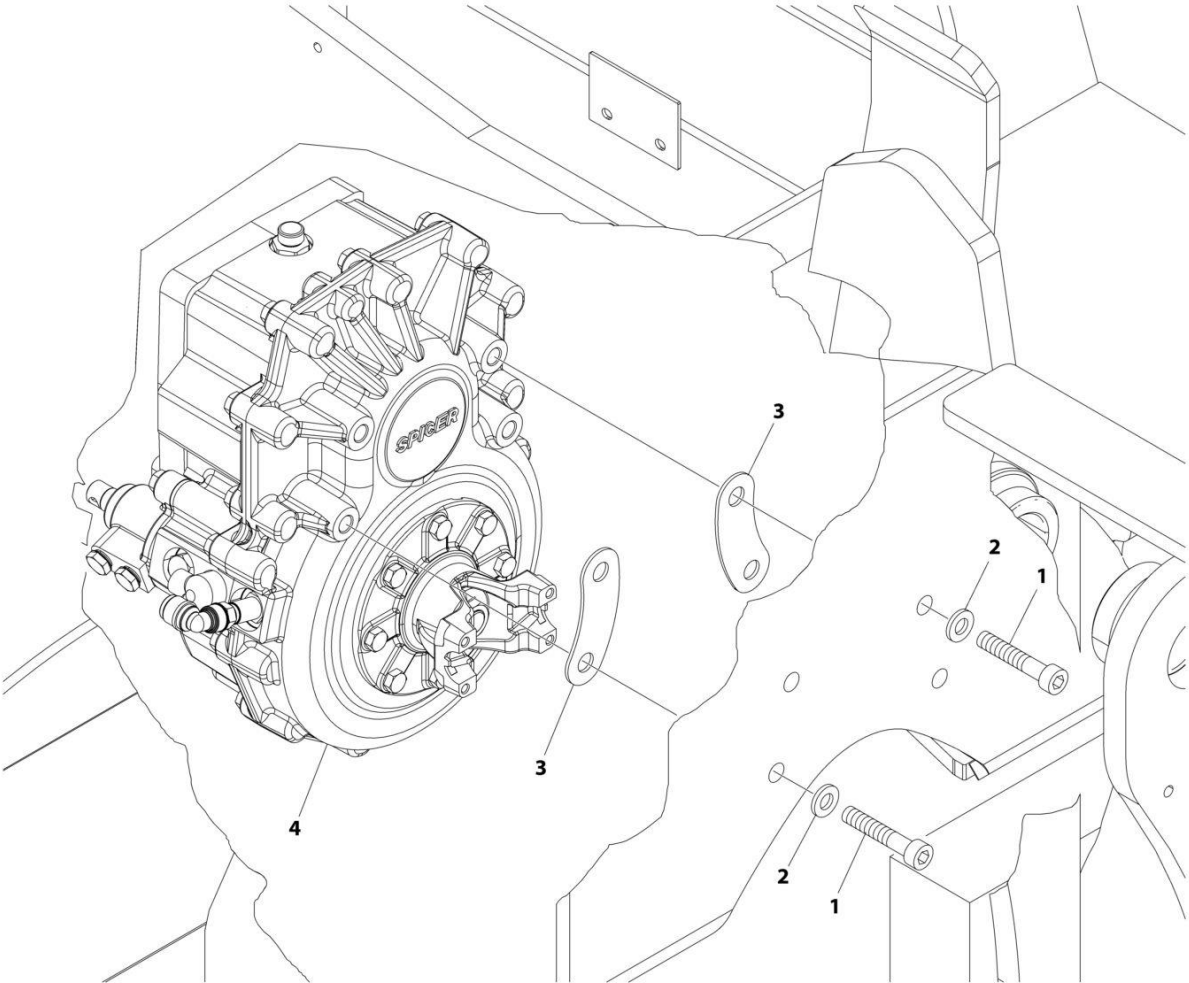
SECTION 5 - DRIVE TRAIN

FIGURE 5-3. DRIVE SHAFT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281226	Ref	DRIVE SHAFT INSTALLATION	A
1	1001275059	4	Clamp Kit	
2	1001276112	1	Bracket	
3	1001276241	1	Drive Shaft, Rear	
4	1001276242	1	Drive Shaft, Front	
5	1001276949	4	Joint, Universal	
6	1001281232	1	Sensor	

SECTION 5 - DRIVE TRAIN

FIGURE 5-4. GEARBOX INSTALLATION



ART_1001281224

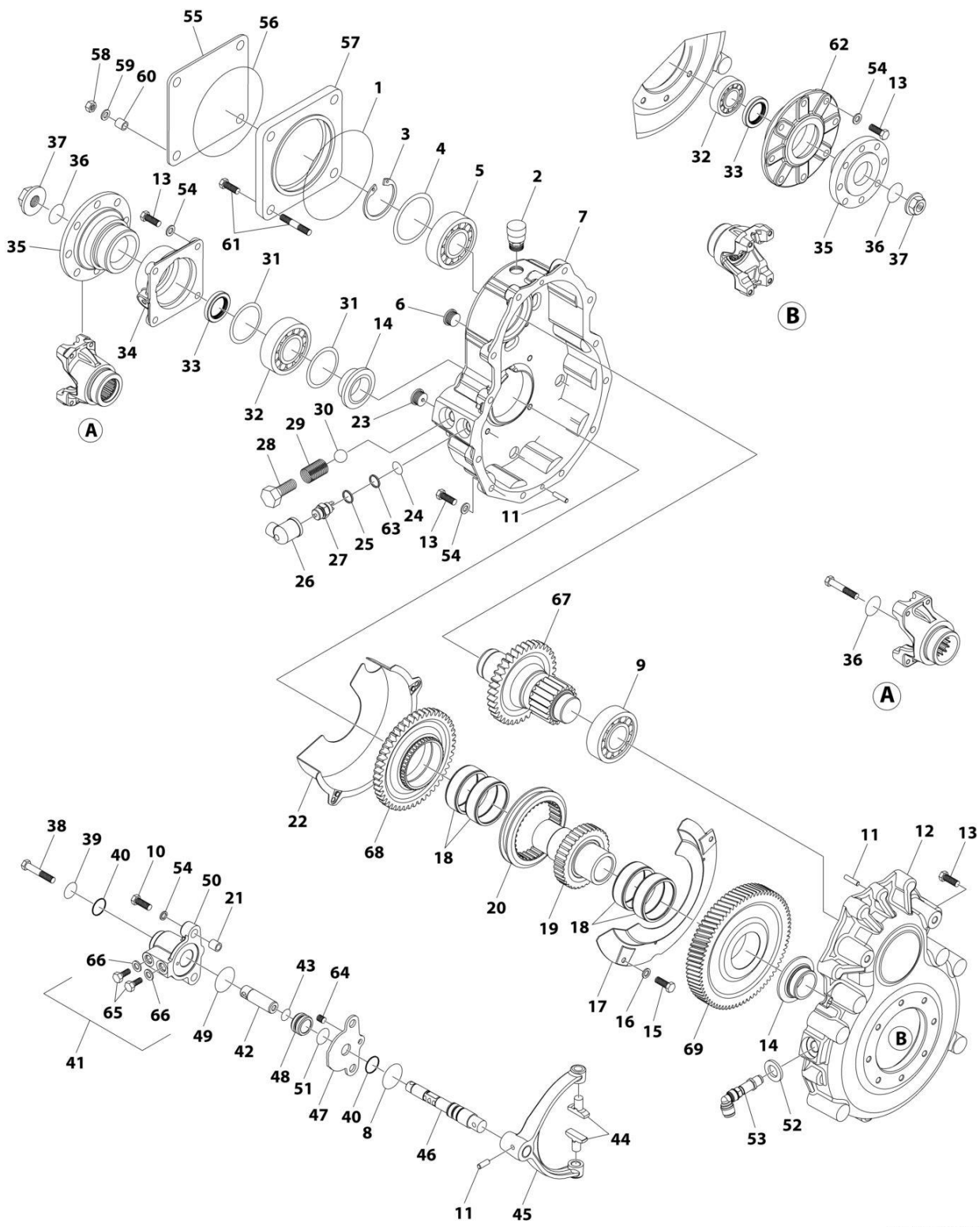
SECTION 5 - DRIVE TRAIN

FIGURE 5-4. GEARBOX INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281224	Ref	GEARBOX INSTALLATION	A
1	4032314	4	Bolt M16 x 50	
2	4832300	4	Washer, Lock M16	
3	1001276194	2	Shim	
4	1001276977	1	Gearbox (see Separate Breakdown in this Section)	

SECTION 5 - DRIVE TRAIN

FIGURE 5-5. GEARBOX ASSEMBLY



ART_1001276977

SECTION 5 - DRIVE TRAIN

FIGURE 5-5. GEARBOX ASSEMBLY

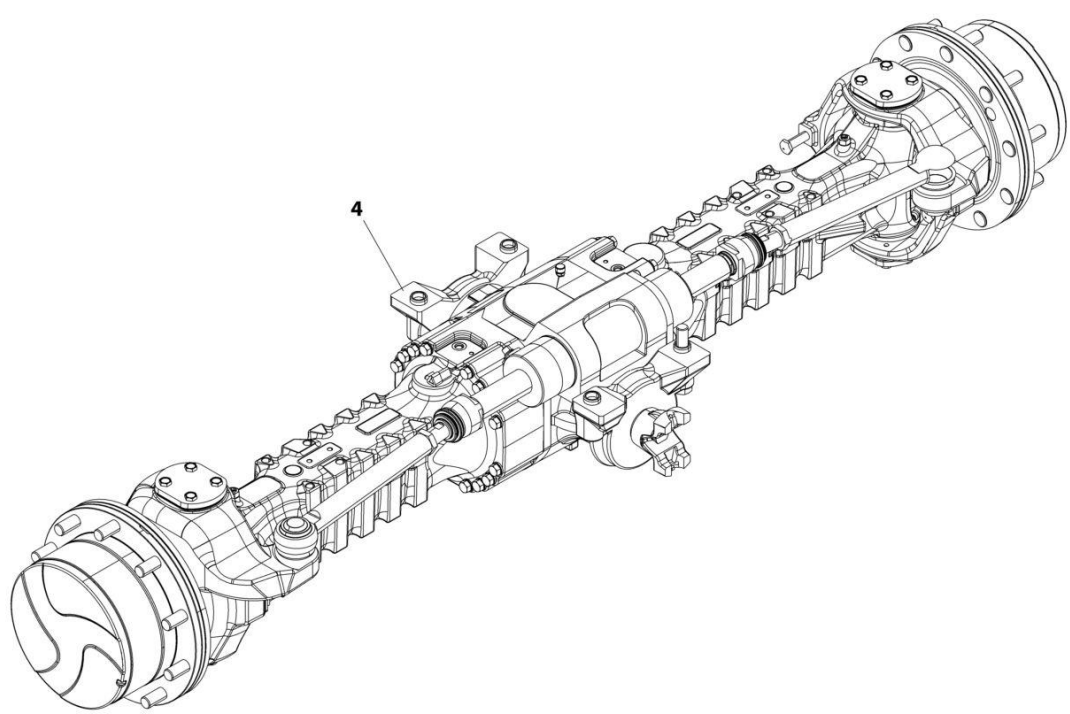
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276977	Ref	GEARBOX ASSEMBLY	A
1	70030853	1	O-Ring	
2	70030854	1	Plug, Vent	
3	70030856	1	Ring, Retaining	
4	70030857	1	Shim	
5	70030858	1	Bearing	
6	70030859	1	Plug	
7	70030860	1	Cover	
8	70030861	1	O-Ring	
9	70030862	1	Bearing	
10	70030863	2	Bolt	
11	70030864	2	Pin	
12	70030865	1	Casing	
13	70030866	15	Bolt	
14	70030867	2	Spacer	
15	70030868	2	Bolt	
16	70030869	2	Washer	
17	70030870	1	Cover	
18	70030871	4	Sleeve	
19	70030872	1	Shaft, Output	
20	70030873	1	Sleeve	
21	70030874	2	Pin	
22	70030875	1	Cover	
23	70030876	1	Plug, Magnetic	
24	70030877	1	O-Ring	
25	70030878	1	Washer	
26	70030879	1	Cap	
27	70030880	1	Switch	
28	70030881	1	Bolt	
29	70030882	1	Spring	
30	70030883	1	Ball	
31	70030884	1	Shim Kit	
32	70030885	2	Bearing	
33	70030886	2	Ring	
34	70030887	1	Cover	
35	70030888	2	Flange	
36	70030889	3	O-Ring	
37	70030890	2	Nut	
38	70030891	1	Bolt	
39	70030892	1	O-Ring	
40	70030893	2	Ring	
41	70030894	2	Hardware Kit (Includes Items 65 and 66)	
42	70030895	1	Rod	
43	70030896	1	O-Ring	
44	70030897	2	Shoe	
45	70030898	1	Fork, Gearbox	
46	70030899	1	Rod, Gearbox	
47	70030900	1	Panel	
48	70030901	1	Piston	
49	70030902	1	O-Ring	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	70030903	1	Cylinder	
51	70030904	1	O-Ring	
52	70030905	1	Washer	
53	70030906	1	Sensor	
54	70030907	15	Washer	
55	70030908	1	Panel	
56	70030909	1	O-Ring	
57	70030910	1	Spacer	
58	70030911	4	Nut	
59	70030912	4	Washer	
60	70030913	4	Spacer	
61	70030914	4	Bolt, Stud	
62	70030915	1	Cover	
63	70030916	1	Washer	
64	70030917	1	Bolt	
65	70030918	2	Bolt	
66	70030919	2	Washer	
67	70030920	1	Shaft, Input	
68	70030921	1	Gear	
69	70030922	1	Gear	

SECTION 5 - DRIVE TRAIN

FIGURE 5-6. REAR AXLE INSTALLATION



ART_1001281229

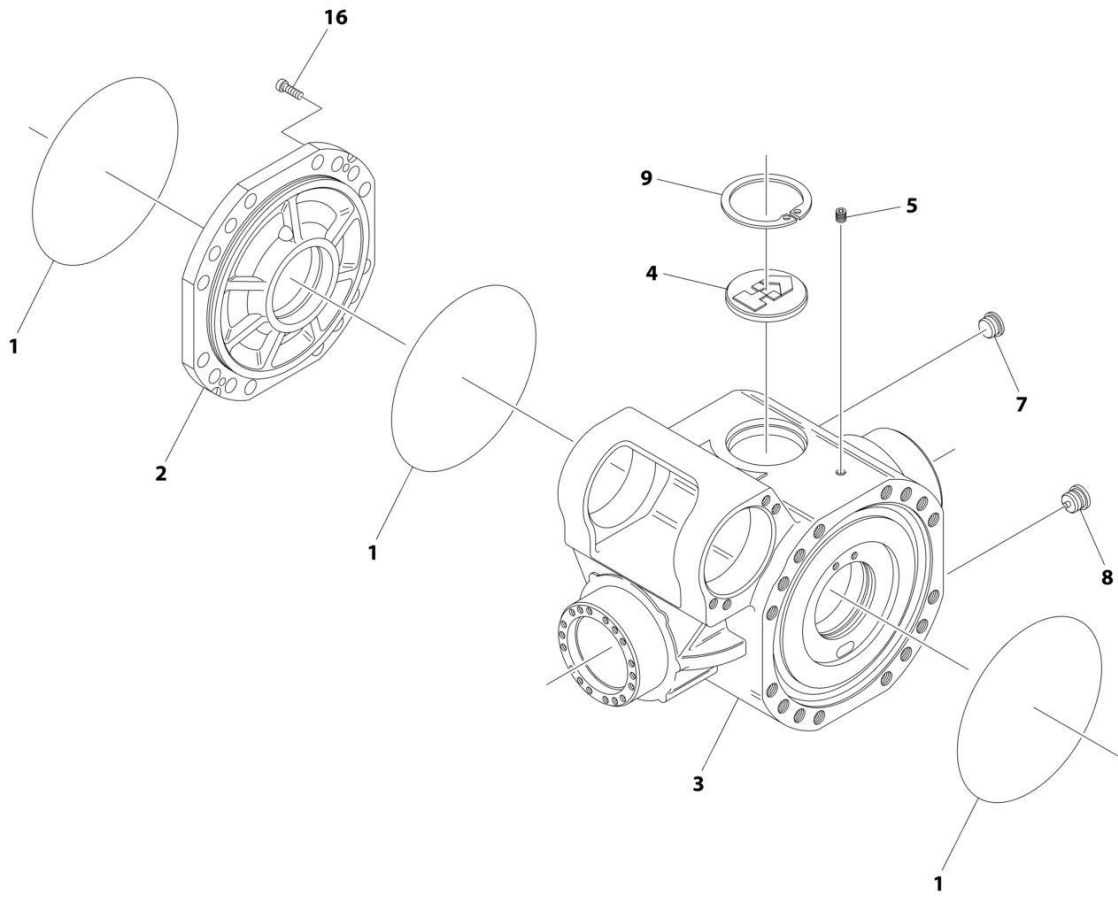
SECTION 5 - DRIVE TRAIN

FIGURE 5-6. REAR AXLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281229	Ref	REAR AXLE INSTALLATION	A
1	3332015	4	Nut, Lock M20 (Not Shown)	
2	4812500	4	Washer M20 (Not Shown)	
3	1001008967	4	Bolt M20 x 2-1/2 (Not Shown)	
4	1001281233	1	Rear Axle Assembly (See Separate Breakdown in this Section)	

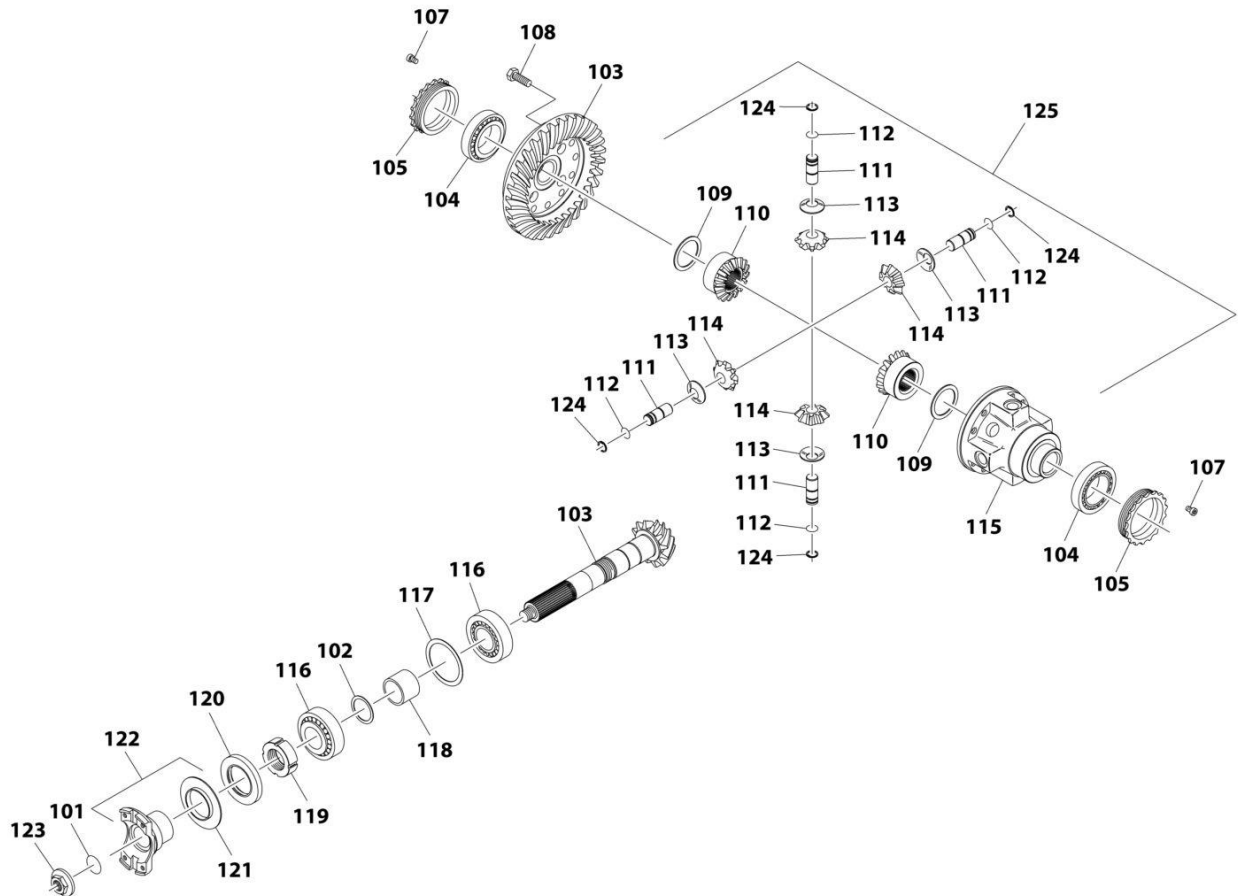
SECTION 5 - DRIVE TRAIN

FIGURE 5-7. AXLE ASSEMBLY - REAR



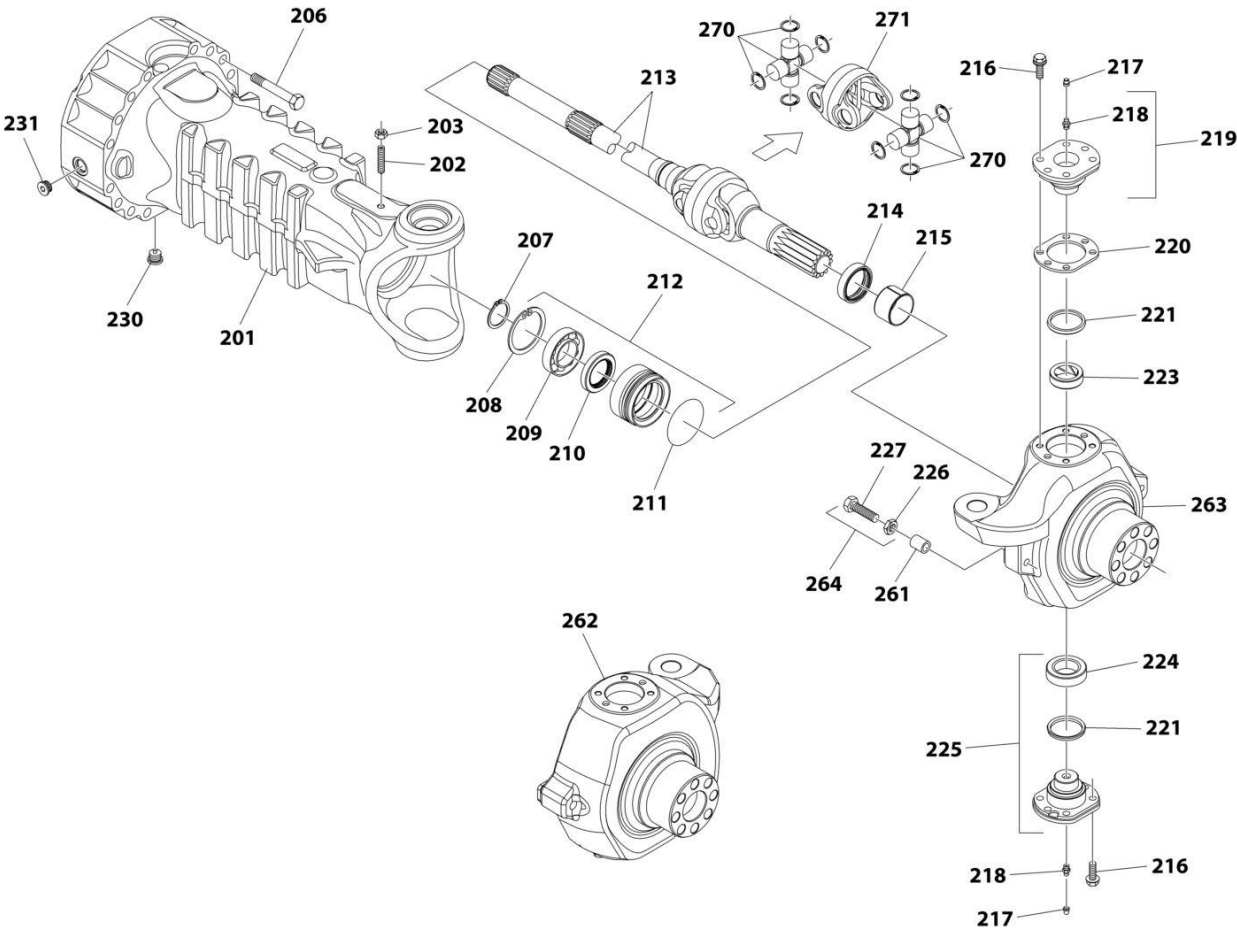
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SECTION 5 - DRIVE TRAIN



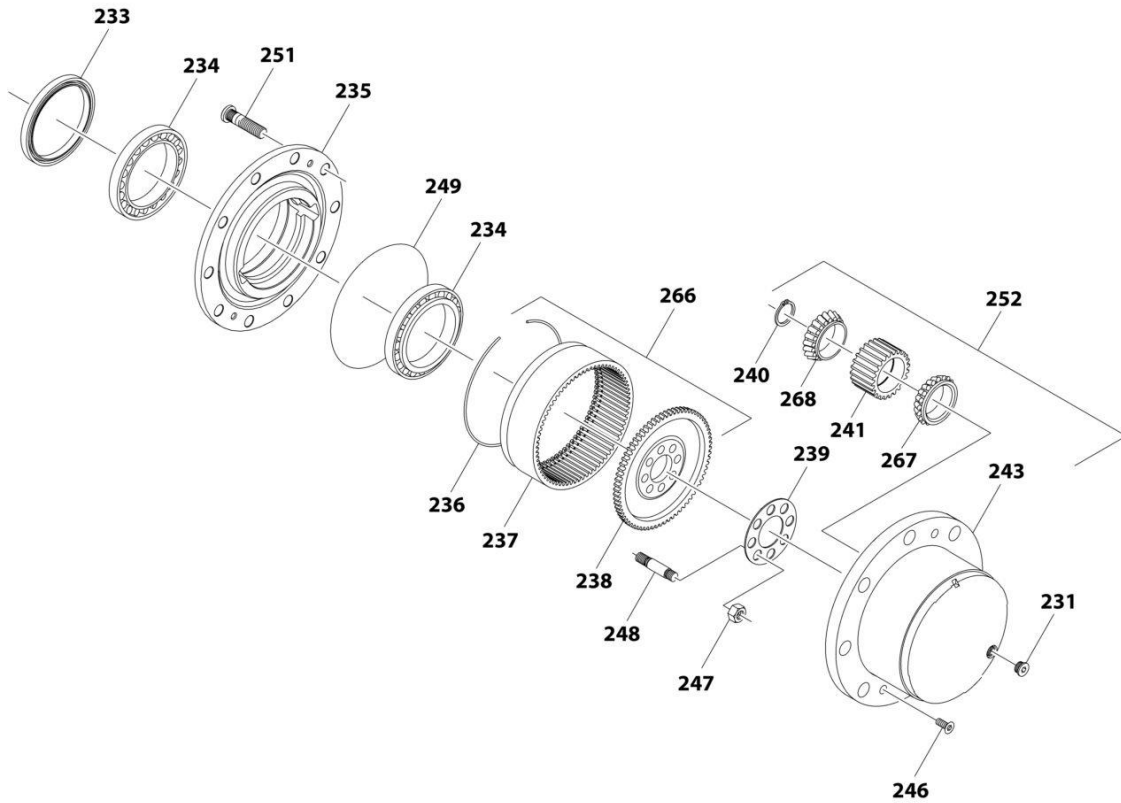
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SECTION 5 - DRIVE TRAIN



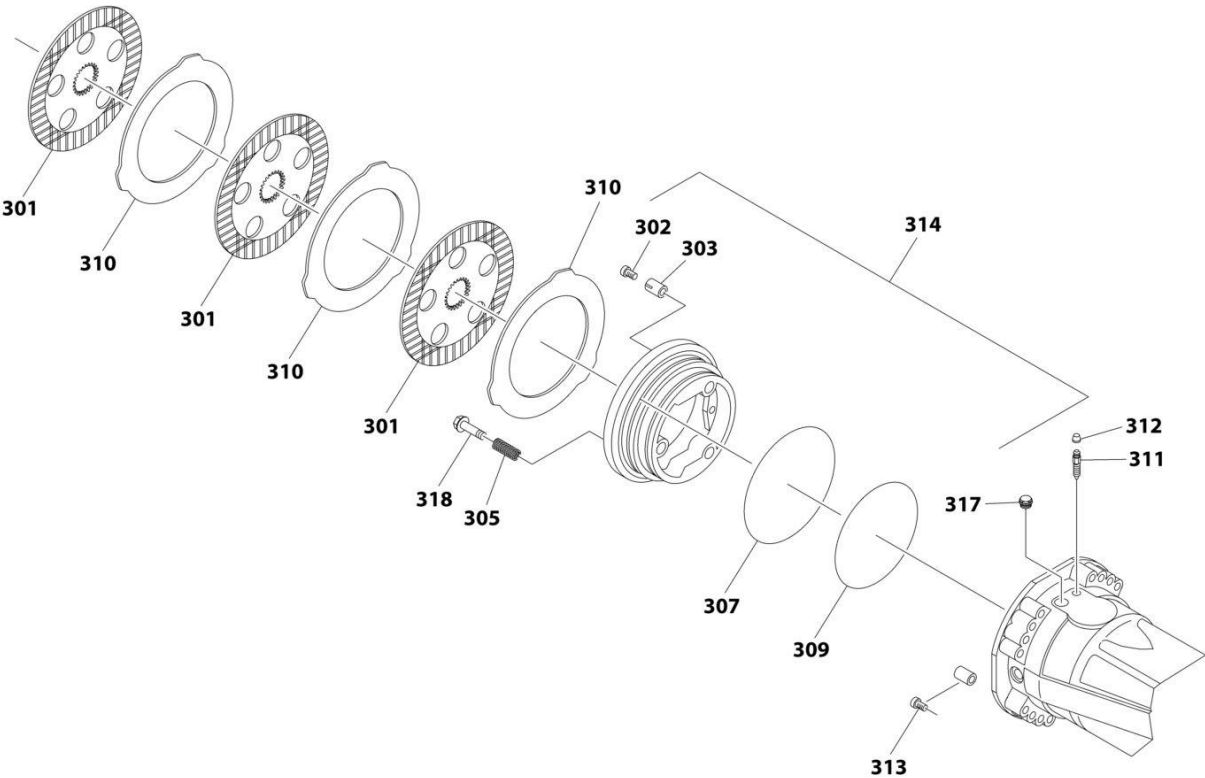
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SECTION 5 - DRIVE TRAIN



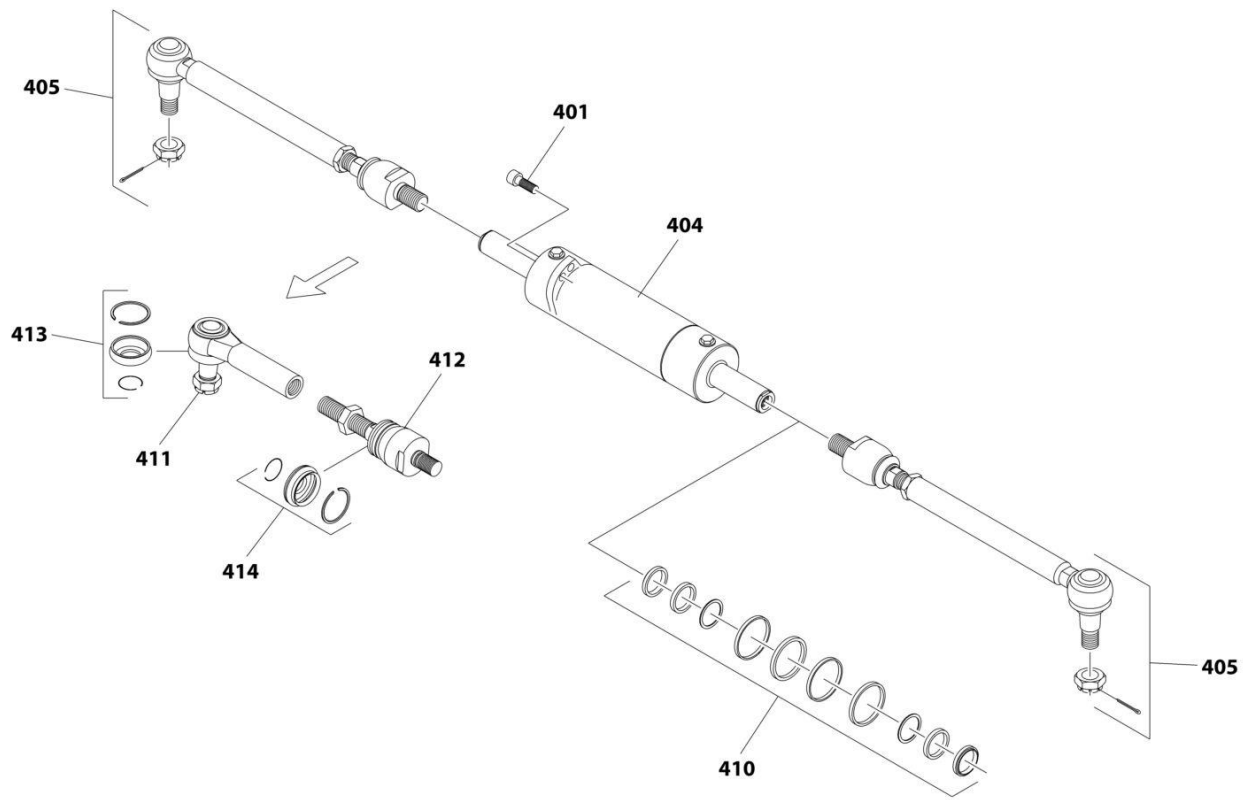
ART_1001281233_4OF7

SECTION 5 - DRIVE TRAIN



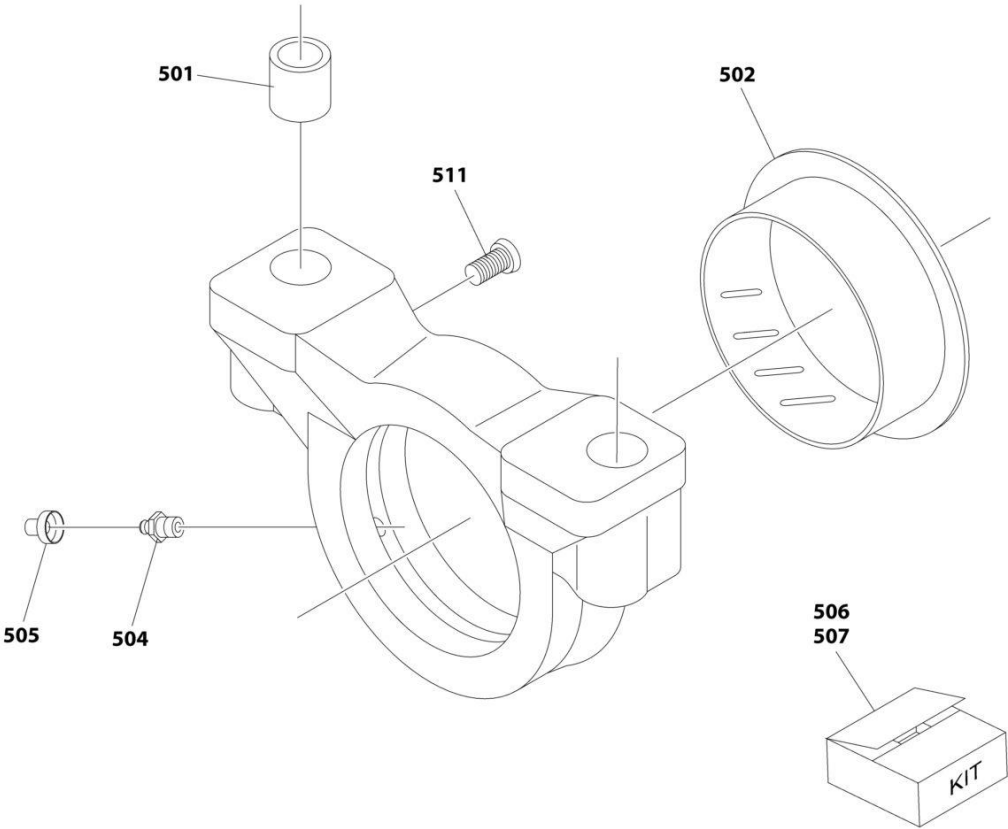
ART_1001281233_SOF7

SECTION 5 - DRIVE TRAIN



ART_1001281233_6OF7

SECTION 5 - DRIVE TRAIN



ART_1001281233_7OF7

SECTION 5 - DRIVE TRAIN

FIGURE 5-7. AXLE ASSEMBLY - REAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281233	Ref	AXLE ASSEMBLY	A
		Ref	Central Housing Assembly	
1	91474507	3	O-Ring	
2	70024519	1	Cover	
3	70026977	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	70026802	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 (Includes Item 121)	
123	70026631	1	Nut	
124	91474550	4	Circlip	
125	70021140	1	Limited Slip Assembly (Includes Items 109-115 & 124)	
		Ref	Central Housing Assembly	
201	70031004	2	Case, Axle	
202	91514081	2	Bolt	
203	91514082	2	Nut	
206	70030150	32	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	70031005	2	Joint, Universal	
214	70025857	2	Seal	
215	91514111	2	Bushing	

SECTION 5 - DRIVE TRAIN

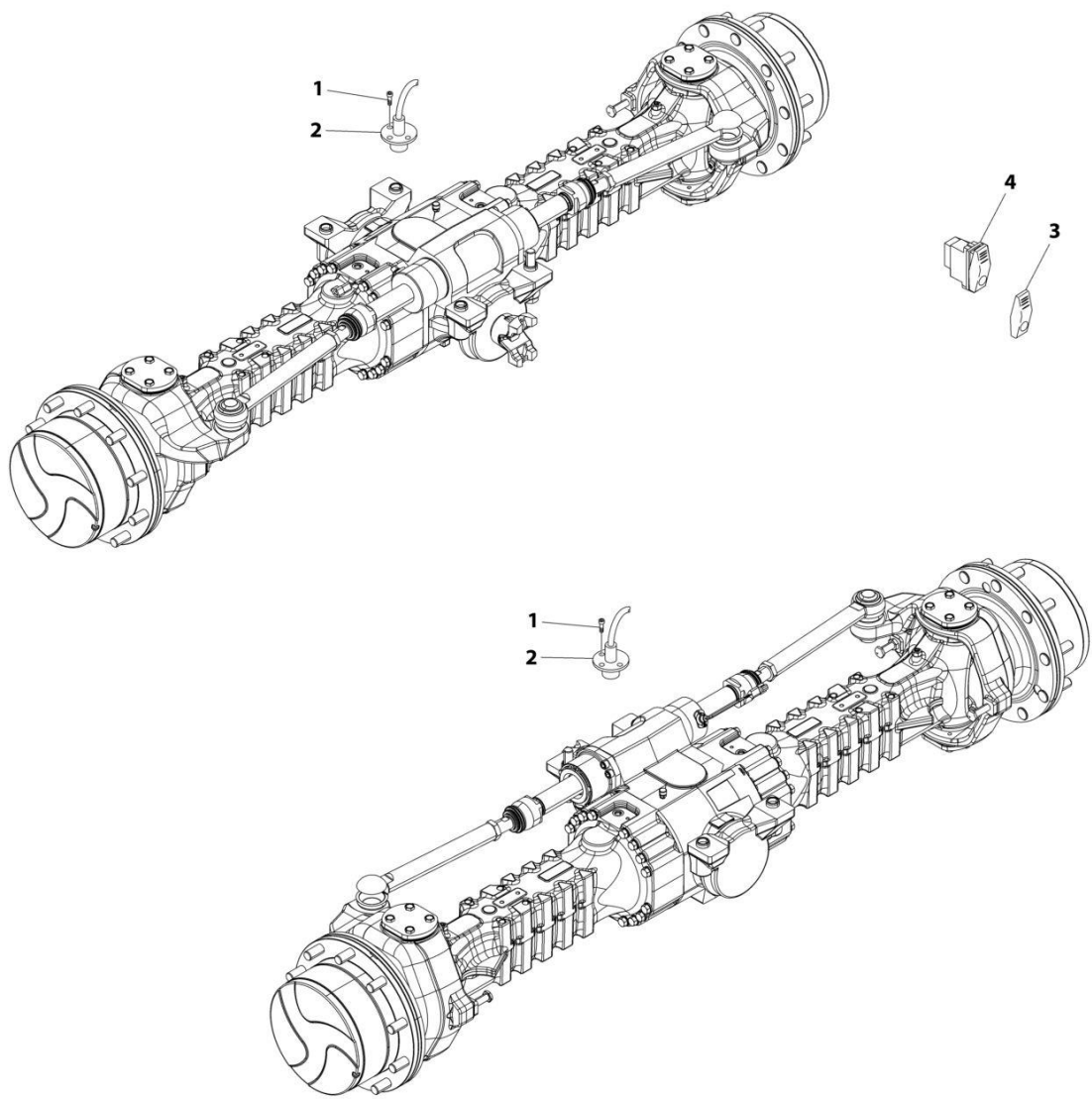
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
216	70025562	24	Bolt	
217	80204117	2	Plug	
218	70024881	4	Fitting, Grease	
219	91514112	2	Pivot (Includes Item 218)	
220	70025561	1	Shim Kit	
221	7028716	4	Seal	
223	7028714	2	Bushing	
224	91514095	2	Bearing	
225	7028715	2	Pivot Kit (Includes Pivot & Items 221 & 224)	
226	80204065	4	Nut	
227	7028733	4	Bolt	
230	7028706	2	Plug	
231	91514188	4	Plug	
233	70026002	2	Seal	
234	80204076	4	Bearing	
235	70031006	2	Hub	
236	91514175	2	Circlip	
237	70024147	2	Ring Gear	
238	91514177	2	Support, Ring Gear	
239	91514178	2	Plate, Locking	
240	7028724	6	Circlip	
241	7028725	6	Gear, Planetary	
243	7028726	2	Carrier, Planetary Gear	
246	91514189	4	Bolt	
247	91514179	16	Nut	
248	91514180	16	Stud	
249	91514181	2	O-Ring	
251	8000877	20	Stud, Wheel	
252	70028647	2	Planet Gear Carrier Kit (Includes Housing and Items 240-243)	
261	7029311	4	Spacer	
262	70040713	1	Case, Steer (LH)	
263	70031007	1	Case, Steer (RH)	
264	7028733	4	Bolt Kit (Includes Items 226 & 227)	
266	70024146	2	Ring Gear Kit (Includes Items 236-238)	
267	7028732	6	Bearing	
268	7028731	6	Bearing	
270	70021898	2	Joint, Cross	
271	70031008	1	Joint, Cente	
		Ref	Brake Assembly	
301	70047343	8	Disc	
302	7029785	6	Adjusting Bolt	
303	70027317	6	Spring	
305	91514159	6	Spring	
307	70025821	2	O-Ring	
309	70025822	2	O-Ring	
310	70025823	10	Disc, Intermediate Brake	
311	10725627	2	Bolt	
312	80204117	2	Plug	
313	70021613	2	Bolt	
314	70028452	2	Piston Kit (Includes Piston and Items 302, 303, 307 & 309)	
317	91514154	2	Plug	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
318	70024210	6	Bolt	
		Ref	Steering Assembly	
401	91474522	4	Bolt	
404	70025566	1	Cylinder	
405	70026799	2	Tie Rod	
410	70025842	1	Seal Kit	
411	70028475	1	Joint	
412	70028476	1	Joint, Axial	
413	70028477	1	Joint Boot & Ring Kit	
414	70028468	1	Axial Joint Boot & Ring Kit	
		Ref	Trunion Assembly	
501	91474516	4	Bushing	
502	70029445	2	Bushing	
504	70024881	2	Fitting, Grease	
505	80204117	2	Plug	
506	7028084	1	Front Trunion Kit (Includes Front Trunion and items 501-505)	
507	7028084	1	Rear Trunion Kit (Includes Rear Trunion and items 501-505)	
511	70028535	2	Bolt	

SECTION 5 - DRIVE TRAIN

FIGURE 5-8. ALIGNMENT SENSOR INSTALLATION



ART_1001281230

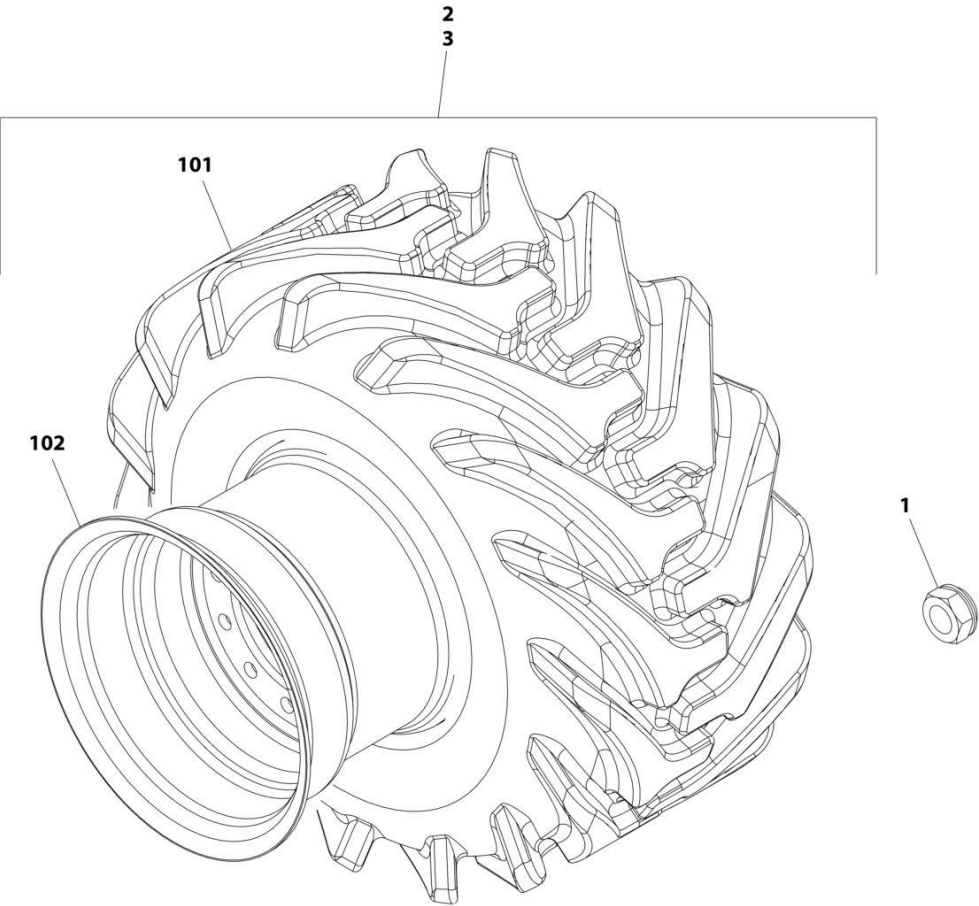
SECTION 5 - DRIVE TRAIN

FIGURE 5-8. ALIGNMENT SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281230	Ref	ALIGNMENT SENSOR INSTALLATION	A
1	4031605	6	Capscrew M5 x 10	
2	1001277230	2	Sensor, Proximity	
3	1001281027	1	Decal - Wheel Alignment	
4	1001281234	1	Switch, Wheel Alignment	

SECTION 5 - DRIVE TRAIN

FIGURE 5-9. TIRE AND WHEEL ASSEMBLY - CLAWED



ART_1001275766

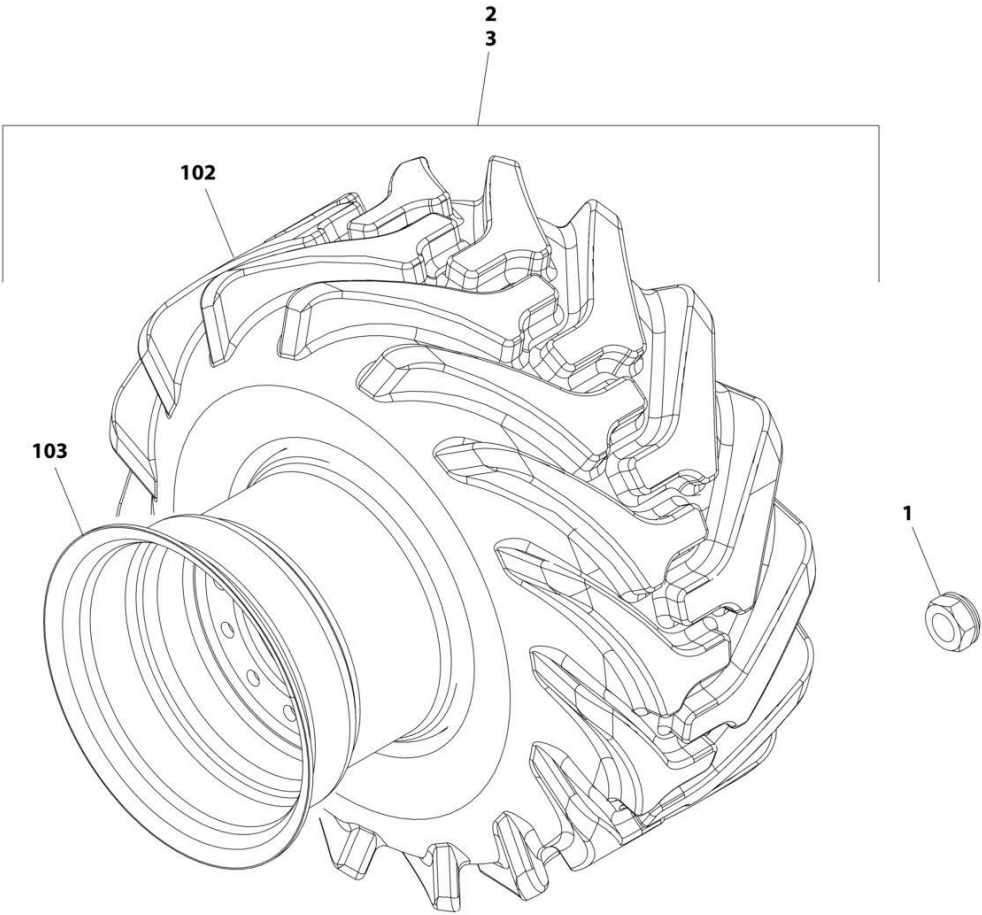
SECTION 5 - DRIVE TRAIN

FIGURE 5-9. TIRE AND WHEEL ASSEMBLY - CLAWED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275766	Ref	TIRE AND WHEEL ASSEMBLY	B
1	91403193	40	Nut, Wheel	
2	1001276951	2	Tire and Wheel Assembly - Left Side (Includes Items 101-102)	A
3	1001282925	2	Tire and Wheel Assembly - Right Side (Includes Items 101-102)	A
101	1001275988	1	Tire, 18R22.5	
102	1001275989	1	Rim, Wheel	

SECTION 5 - DRIVE TRAIN

FIGURE 5-10. TIRE AND WHEEL ASSEMBLY - CLAWED & FOAM FILLED



ART_1001275767

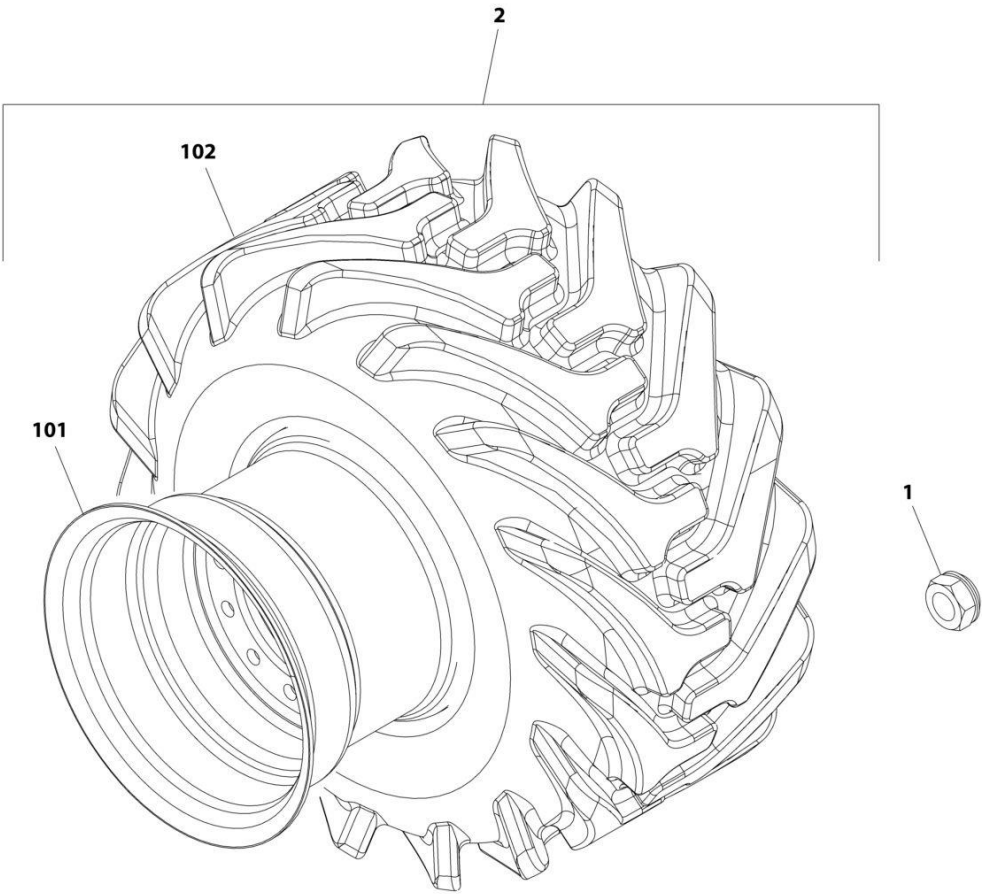
SECTION 5 - DRIVE TRAIN

FIGURE 5-10. TIRE AND WHEEL ASSEMBLY - CLAWED & FOAM FILLED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275767	Ref	TIRE AND WHEEL ASSEMBLY	B
		Ref	Note: Requires ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Service and Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete.	
1	91403193	40	Nut, Wheel	
2	1001275550	2	Tire and Wheel Assembly - Left Side (Includes Items 102-103)	A
3	1001282931	2	Tire and Wheel Assembly - Right Side (Includes Items 102-103)	A
102	1001275988	1	Tire, 18R22.5	
103	1001275989	1	Rim, Wheel	

SECTION 5 - DRIVE TRAIN

FIGURE 5-11. TIRE AND WHEEL ASSEMBLY - STANDARD



ART_1001275765

SECTION 5 - DRIVE TRAIN

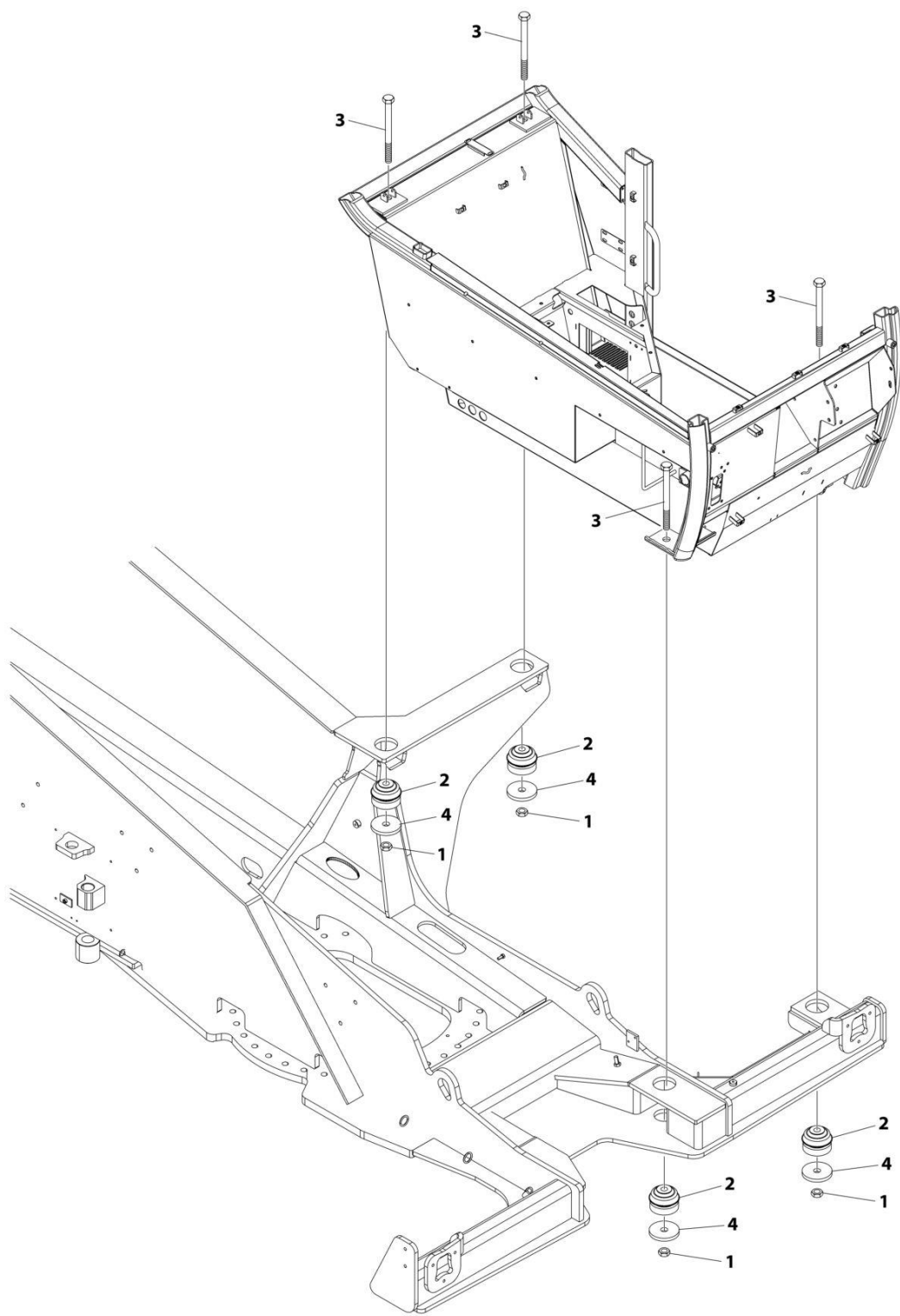
FIGURE 5-11. TIRE AND WHEEL ASSEMBLY - STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275765	Ref	TIRE AND WHEEL ASSEMBLY	B
1	91403193	40	Nut, Wheel	A
2	1001275987	4	Tire and Wheel Assembly	
101	1001275989	1	Rim, Wheel	
102	1001276955	1	Tire, 445/65 R22.5	

SECTION 6 - CAB

SECTION 6 - CAB

FIGURE 6-1. CAB MOUNTS INSTALLATION



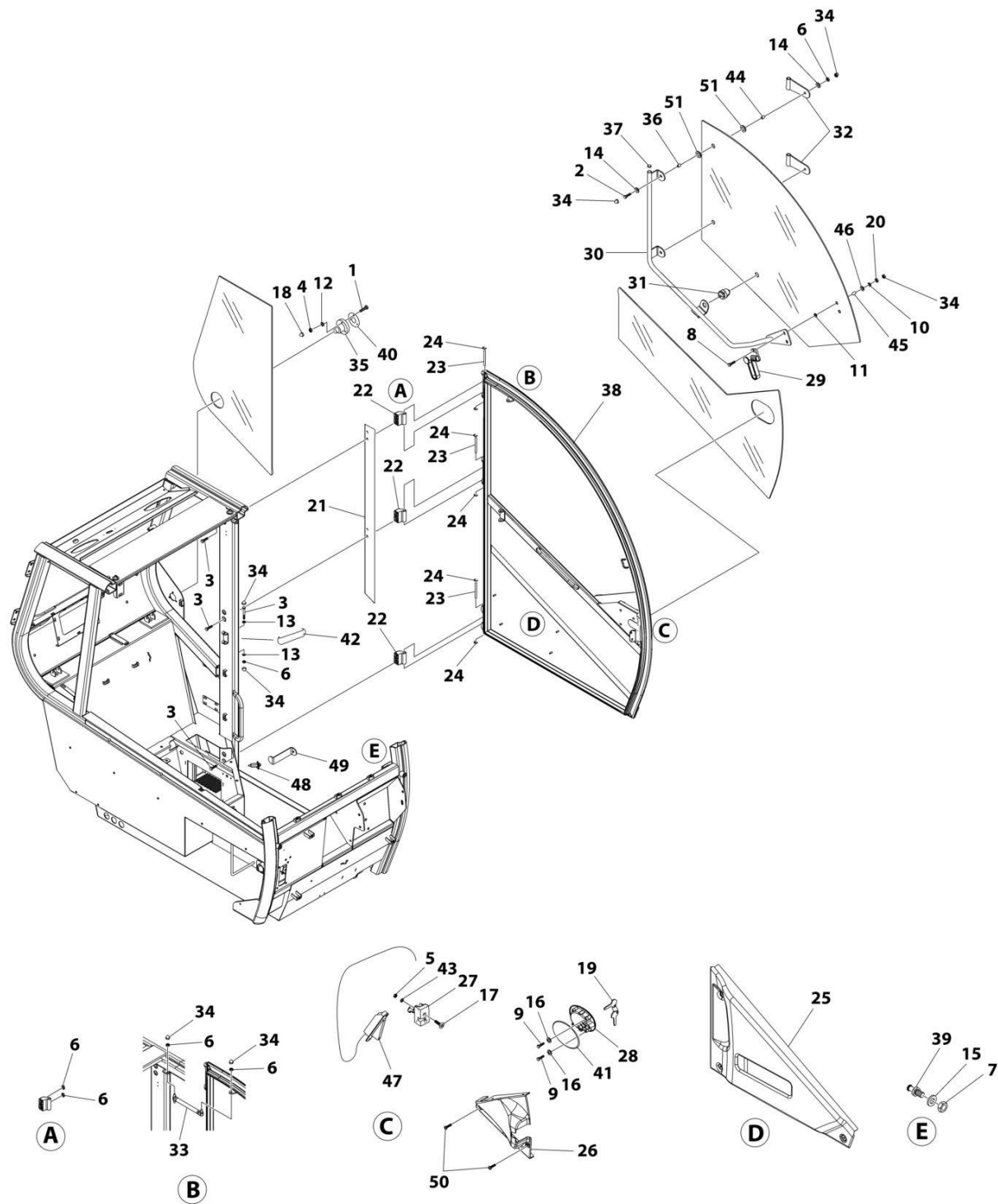
ART_1001280920

FIGURE 6-1. CAB MOUNTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280920	Ref	CAB MOUNTS INSTALLATION	A
1	3292205	4	Nut, Lock M22	
2	1001275050	4	Mount	
3	1001278264	4	Bolt M22 x 130	
4	1001280930	4	Washer, Rebound	

SECTION 6 - CAB

FIGURE 6-2. CAB DOOR INSTALLATION



ART_1001278262

FIGURE 6-2. CAB DOOR INSTALLATION

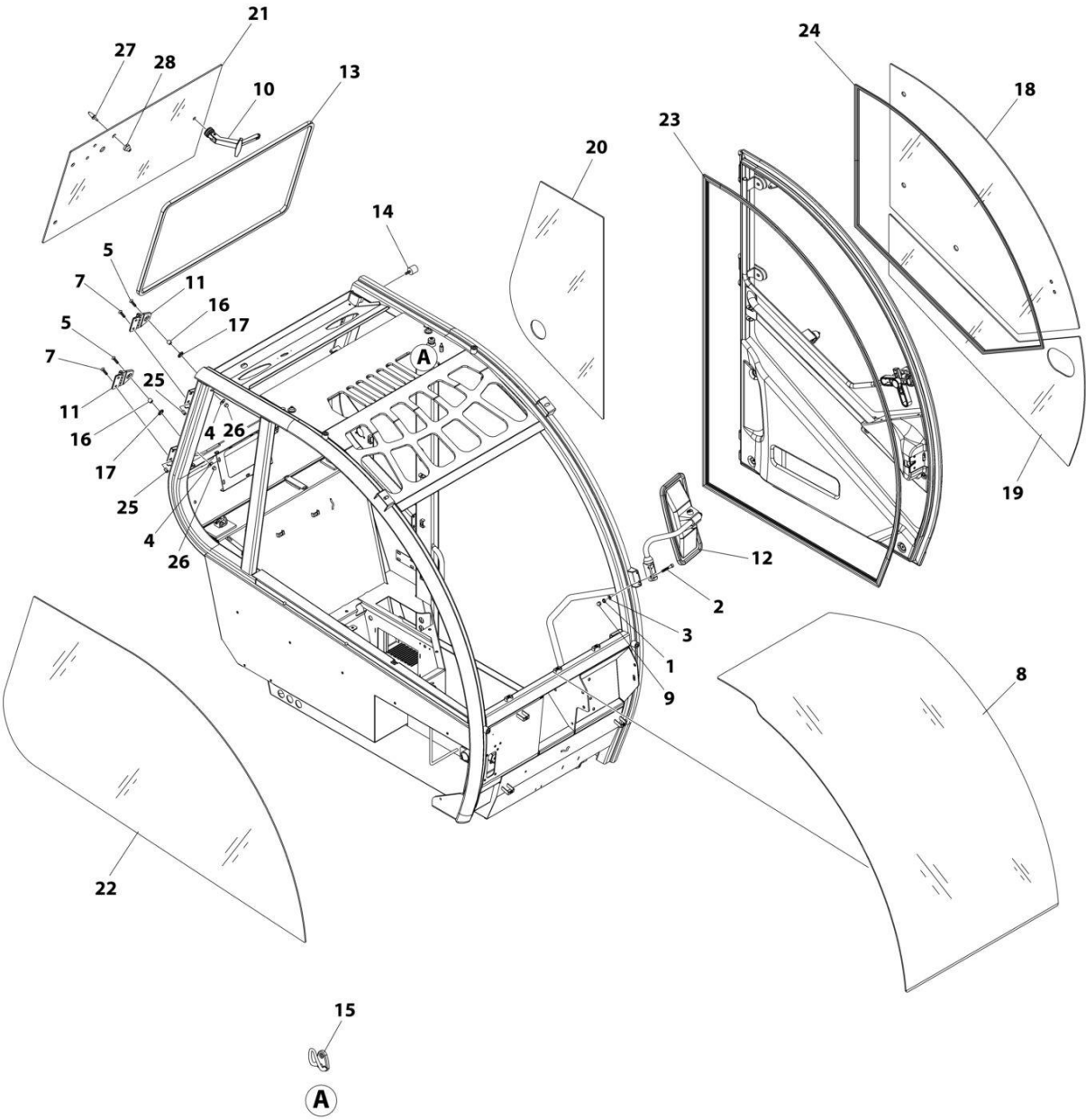
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278262	Ref	CAB DOOR INSTALLATION	B
1	0700614	3	Bolt M6 x 30	
2	0700815	2	Bolt M8 x 35	
3	0700822	7	Bolt M8 x 70	
4	3290605	3	Nut, Lock M6	
5	3290801	2	Nut M8	
6	3290805	11	Nut, Lock M8	
7	3291202	1	Nut M12	
8	4010514	2	Bolt M5 x 30	
9	4010608	2	Bolt M6 x 16	
10	4811600	2	Washer M5	
11	1001289841	2	Washer, Glass M5	
12	4811700	3	Washer M5	
13	4811900	2	Washer M6	
14	4811902	4	Washer M8	
15	4812100	1	Washer M12	
16	4871700	2	Washer, Lock M6	
17	1001102830	2	Capscrew M8 x 45	
18	1001108603	3	Nut M6	
19	1001276889	1	Key	
20	1001278052	2	Nut, Lock M5	
21	1001278342	1	Plate	
22	1001278343	3	Lug, Hinge	
23	1001278344	3	Pin, Hinge	
24	1001278345	6	Ring, Retaining	
25	1001278346	1	Panel	
26	1001278347	1	Cover	
27	1001278348	1	Lock	
28	1001278349	1	Handle, Door	
29	1001278350	1	Lock, Window	
30	1001278351	1	Handle, Window	
31	1001278352	1	Fastener, Window	
32	1001278353	2	Hinge, Window	
33	1001278354	1	Strut	
34	1001278355	10	Nut M8	
35	1001278356	1	Latch, Window	
36	1001278357	2	Spacer	
37	1001278359	1	Plug	
38	1001278360	1	Frame, Door (Note: Complete Door Assembly Not Available For Purchase, Please Buy Individual Parts)	
39	1001278361	1	Pin	
40	1001278370	1	Gasket	
41	1001278372	1	Gasket	
42	1001278375	1	Strap	
43	1001278376	2	Washer	
44	1001278377	2	Spacer	
45	1001278378	2	Spacer	
46	1001278379	2	Washer	
47	1001278380	1	Cable, Door Release	
48	1001278383	1	Switch, Door Sensor	

SECTION 6 - CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	1001278384	1	Bracket	
50	4010612002	2	Bolt M6 x 25	
51	1001289840	4	Washer, Glass M6	

SECTION 6 - CAB

FIGURE 6-3. CAB WINDOWS INSTALLATION



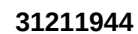
ART_1001278338

FIGURE 6-3. CAB WINDOWS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278338	Ref	CAB WINDOWS INSTALLATION	C
1	3290805	2	Nut, Lock M8	
2	4031908	2	Capscrew M8 x 20	
3	4811900	2	Washer M8	
4	4811902	2	Washer M8	
5	1001009162	2	Capscrew M8 x 30	
6	1001111317	AR	Sealant, Window (Not Shown)	
7	1001175533	4	Capscrew M8 x 25	
8	1001277167	1	Window, Front	
9	1001278355	2	Nut M8	
10	1001278385	1	Handle, Rear Window	
11	1001278386	2	Hinge, Rear Window	
12	1001278388	1	Mirror	
13	1001278389	1	Gasket, Rear Window	
14	1001278390	1	Bumper	
15	1001278391	1	Hook	
16	1001278392	2	Spacer	
17	1001278396	2	O-Ring	
18	1001278397	1	Window, Door Upper	
19	1001278398	1	Window, Door Lower	
20	1001278399	1	Window, Left Side	
21	1001278400	1	Window, Rear	
22	1001278402	1	Window, Right Side	
23	1001278404	1	Gasket, Door	
24	1001278406	1	Gasket, Door Glass	
25	1001278407	4	Spacer	
26	1001278675	2	Nut M8	
27	1001278424	1	Nozzle, Washer Fluid Spray	
28	1001278427	1	Nut, Acorn	

156

R11100



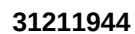
ART_1001280921

FIGURE 6-4. MIRROR AND WIPERS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280921	Ref	MIRROR AND WIPERS INSTALLATION	A
1	0630612	2	Capscrew M8 x 20	
2	3290605	5	Nut, Lock M6	
3	3290805	4	Nut, Lock M8	
4	4010608	1	Bolt M6 x 16	
5	4010612	2	Bolt M6 x 25	
6	4811700	1	Washer M6	
7	4811702	6	Washer M6	
8	4811900	2	Washer M8	
9	4811902	2	Washer M8	
10	1001009162	2	Capscrew M8 x 30	
11	1001108603	5	Nut M6	
12	1001175533	4	Capscrew M8 x 25	
13	1001277442	1	Socket	
14	1001278276	1	Cover	
15	1001278292	1	Panel	
16	1001278355	4	Nut, Acorn M8	
17	1001278385	1	Handle, Rear Window	
18	1001278386	2	Hinge	
19	1001278388	1	Mirror	
20	1001278390	1	Bumper	
21	1001278396	4	O-Ring	
22	1001278408	1	Motor, Rear Wiper	
23	1001278409	1	Motor, Front Wiper	
24	1001278411	1	Arm, Front Wiper	
25	1001278413	1	Wiper, Rear	
26	1001278415	1	Arm, Rear Wiper	
27	1001278419	2	Wiper, Front	
28	1001278424	1	Nozzle, Wiper	
29	1001278426	1	Cover	
30	1001278427	1	Nut	
31	1001278428	1	Cover	
32	1001280932	1	Tube	
33	1001280933	1	Cotter Pin	
34	1001280934	1	Stop, Rear Window	
35	1001280936	1	Panel	

158

R11100



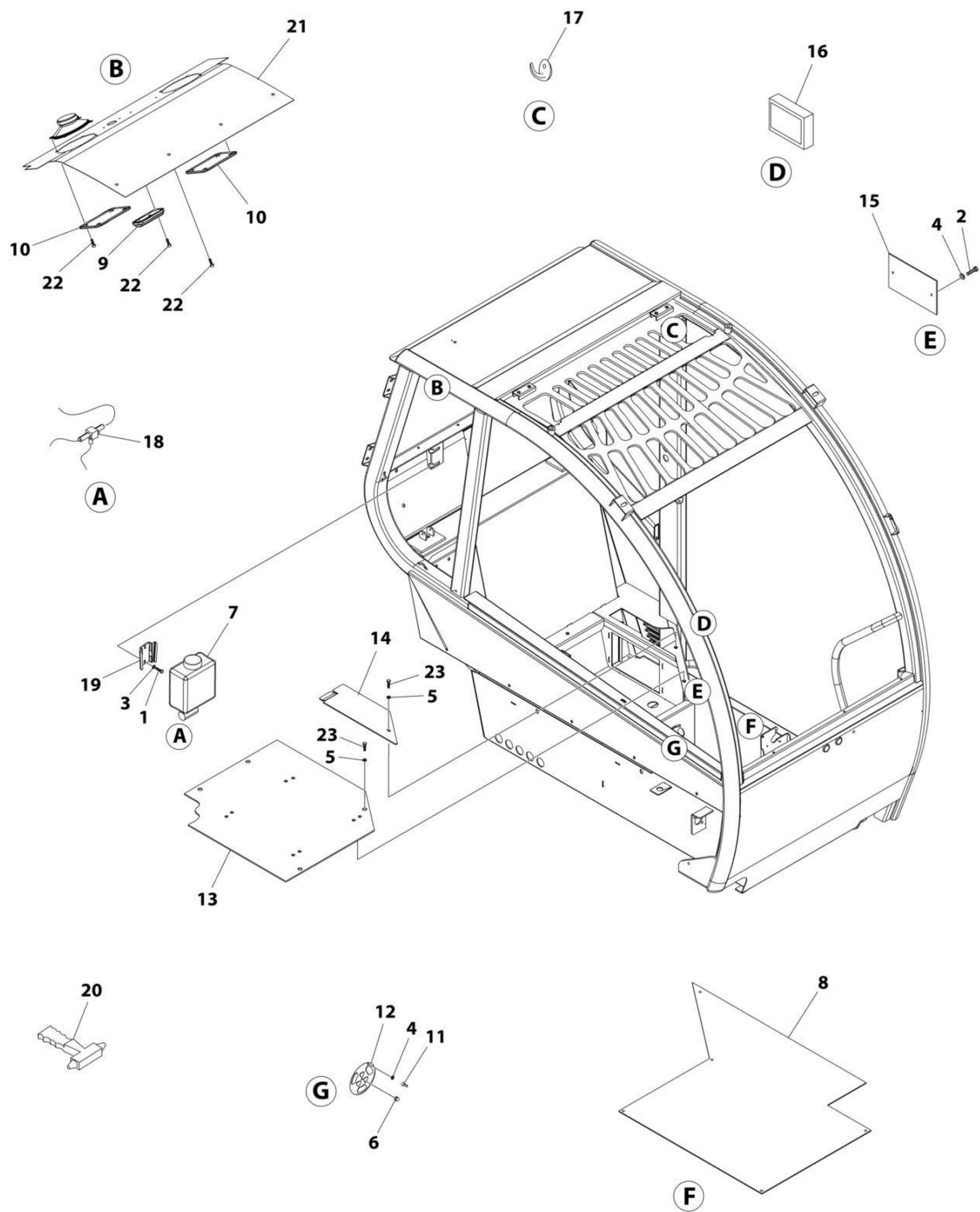
ART_1001280925

FIGURE 6-5. CAB INTERIOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280925	Ref	CAB INTERIOR INSTALLATION	A
1	1001130220	35	Nut, Tinnerman M6	
2	1001276414	1	Panel, Right Side	
3	1001276415	1	Cover, Lower Steering Column	
4	1001276416	1	Cover, Joystick	
5	1001277005	1	Cover, Upper Steering Column	
6	1001277007	1	Cover, Display	
7	1001278266	1	Panel, Left Dash	
8	1001278268	1	Panel, Middle Rear	
9	1001278270	1	Panel, Left Rear	
10	1001280998	1	Panel, Lower Dash	
11	1001280999	1	Panel, Column	
12	1001281001	3	Vent	
13	1001281002	1	Vent	
14	1001281003	1	Bracket	
15	1001281583	2	Vent	
16	1001282644	1	Panel, Upper Dash	
17	1001282645	1	Panel, Right Rear	
18	4010612002	35	Bolt M6 x 25	

SECTION 6 - CAB

FIGURE 6-6. CAB COMPONENTS INSTALLATION

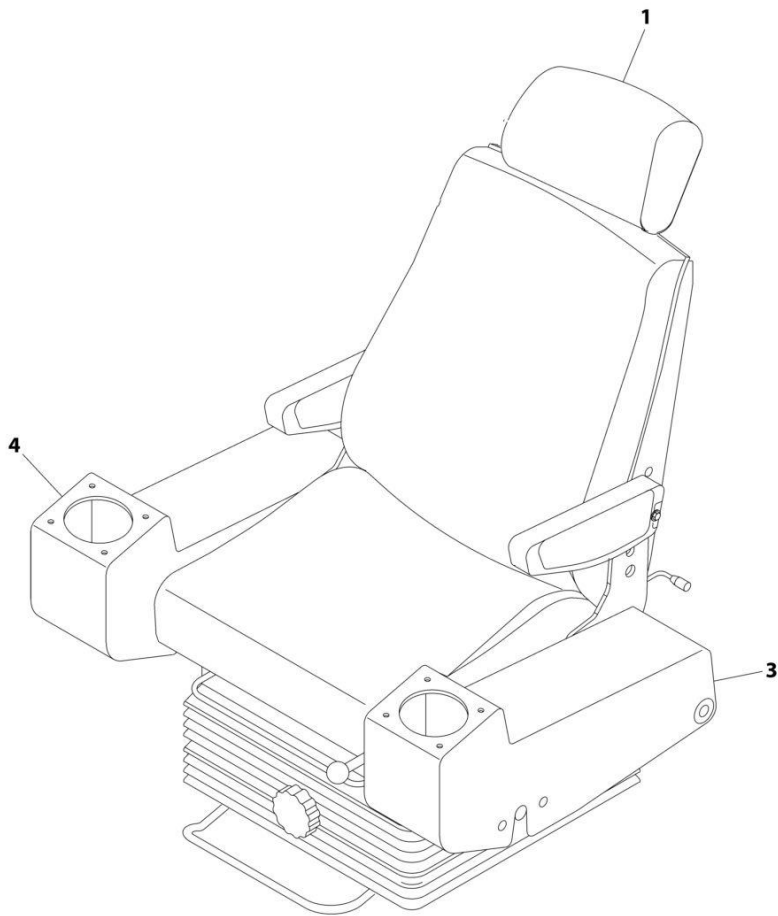


ART_1001280924

FIGURE 6-6. CAB COMPONENTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280924	Ref	CAB COMPONENTS INSTALLATION	A
1	4031607	2	Capscrew M5 x 16	
2	4031708	2	Capscrew M6 x 20	
3	4811602	2	Washer M5	
4	4811700	5	Washer M6	
5	4811902	5	Washer M8	
6	1001108603	1	Nut, Acorn M6	
7	1001276895	1	Tank, Wiper Fluid	
8	1001278271	1	Mat, Floor	
9	1001278272	1	Light, Dome	
10	1001278273	2	Cover	
11	1001278281	3	Plug	
12	1001278286	1	Plate, Vent	
13	1001278287	1	Plate	
14	1001278288	1	Plate	
15	1001278289	1	Plate	
16	1001278296	1	Filter, Cab Air	
17	1001278391	1	Hanger	
18	1001278420	1	Fitting	
19	1001278425	1	Bracket	
20	1001280997	1	Hammer, Emergency	
21	1001282643	1	Headliner	
22	4010610002	10	Bolt M6 x 20	
23	4010810002	5	Bolt M8 x 20	

FIGURE 6-7. SEAT INSTALLATION



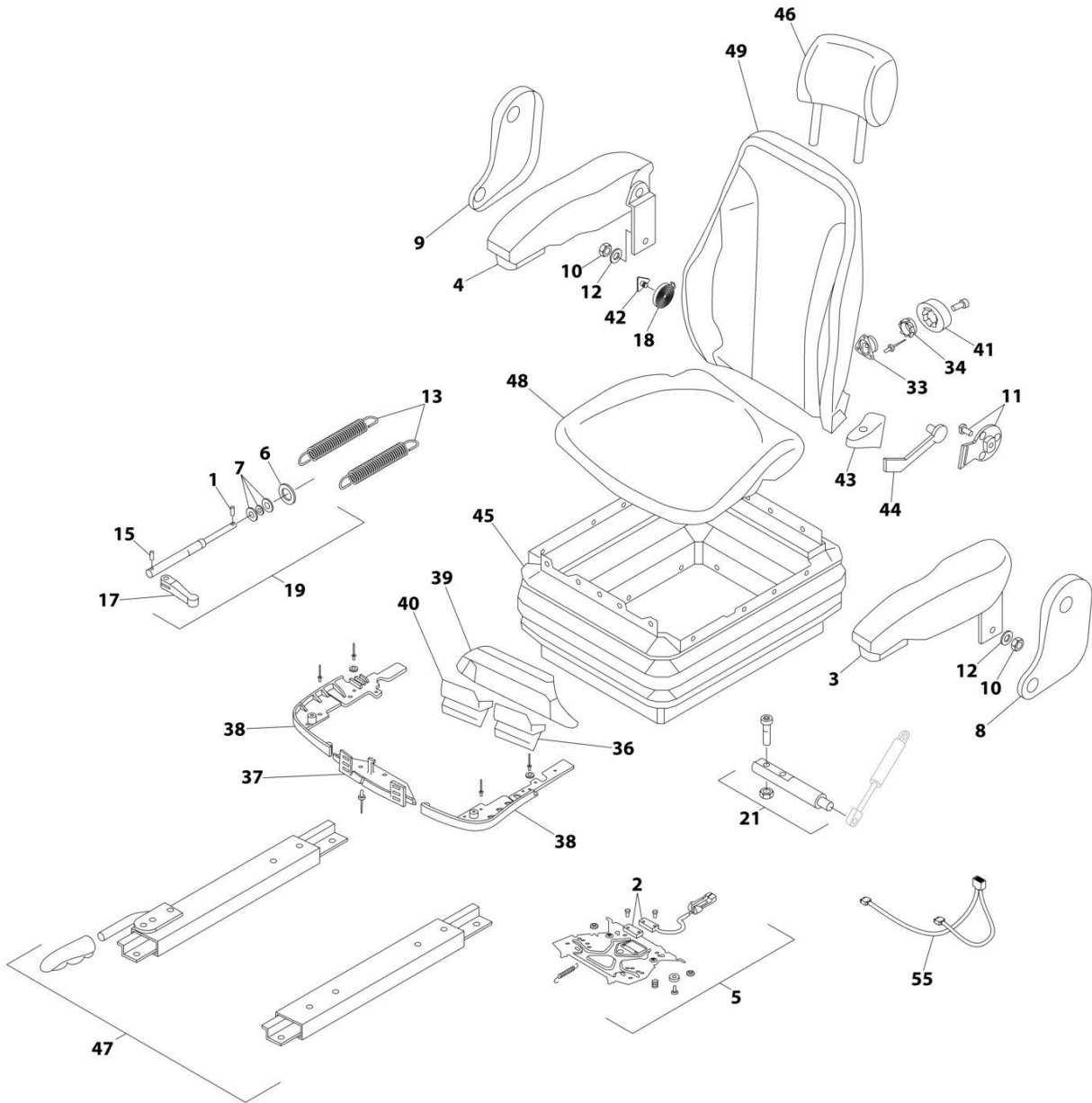
ART_1001275945

FIGURE 6-7. SEAT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275945	Ref	SEAT INSTALLATION	C
1	1001277715	1	Seat Assembly (See Separate Breakdown in this Section)	
3	1001278622	1	Left Armrest Kit (See Separate Breakdown in this Section)	
4	1001278623	1	Right Armrest Kit (See Separate Breakdown in this Section)	

SECTION 6 - CAB

FIGURE 6-8. SEAT ASSEMBLY

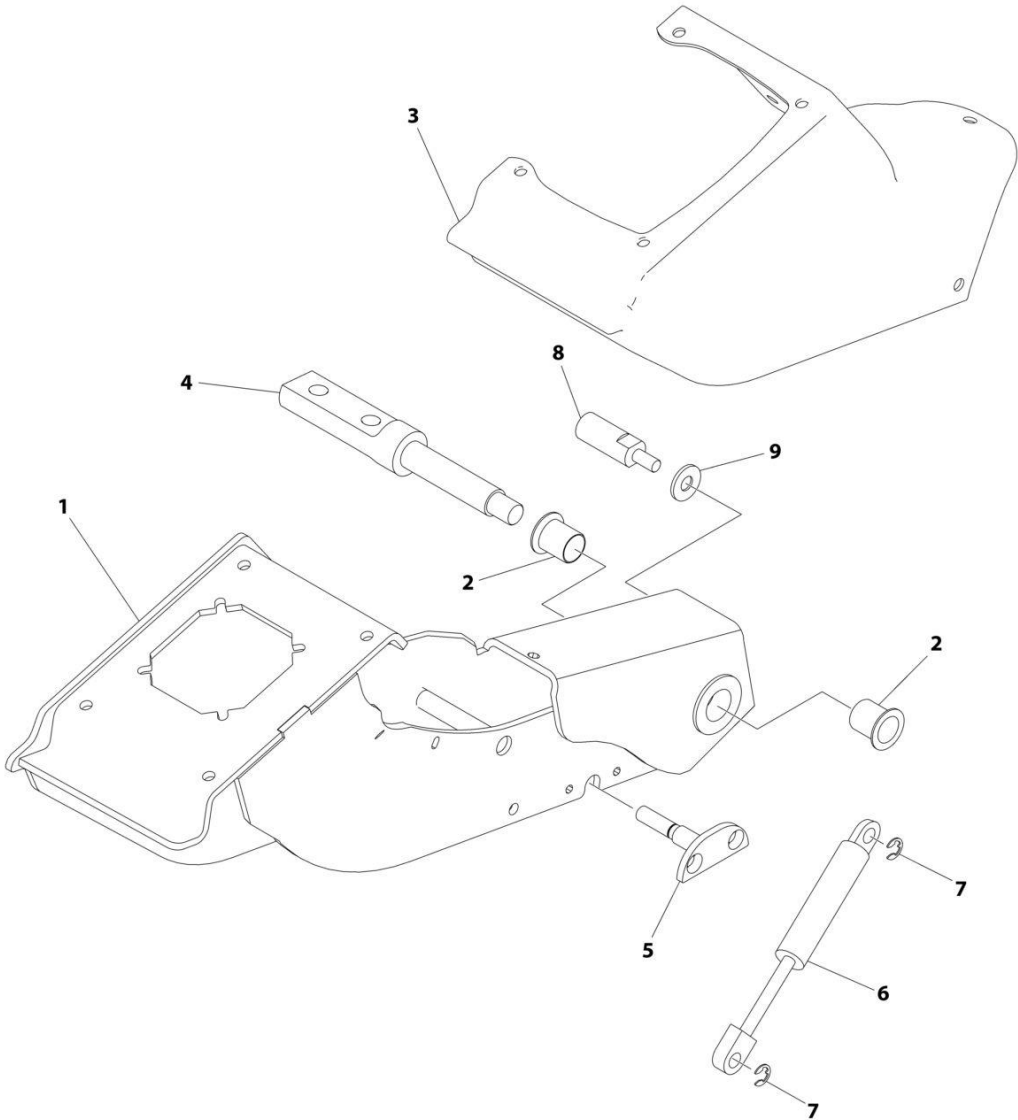


ART_1001277715

FIGURE 6-8. SEAT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001277715	Ref	SEAT ASSEMBLY	A
1	70030502	1	Pin	
2	70030503	1	Sensor	
3	70030504	1	Arm Rest, Left (Includes Items 10 and 12)	
4	70030505	1	Arm Rest, Right (Includes Items 10 and 12)	
5	70030506	1	Sensor Kit (Includes Item 2)	
6	70030507	1	Washer	
7	70030508	3	Washer	
8	70030509	1	Cover, Left Arm Rest	
9	70030510	1	Cover, Right Arm Rest	
10	70030511	2	Nut	
11	70030512	1	Plate, Locking	
12	70030513	2	Washer	
13	70030514	2	Spring	
15	70030515	1	Pin	
17	70030516	1	Lever	
18	70030517	1	Plate, Locking	
19	70030518	1	Strut (Includes Items 1, 6, 7, 15 and 17)	
21	70030519	1	Pin	
33	70030520	1	Spring	
34	70030521	1	Gear	
36	70030522	1	Panel	
37	70030523	1	Bracket	
38	70030524	2	Cover	
39	70030525	1	Panel	
40	70030526	1	Panel	
41	70030527	1	Handle	
42	70030528	1	Pin	
43	70030529	1	Lever	
44	70030530	1	Lever	
45	70030531	1	Bellows	
46	70030532	1	Headrest	
47	70030533	1	Rails Kit	
48	70030534	1	Seat	
49	70030535	1	Back, Seat	
51	70030536	1	Lever Kit (Includes Items 42, 43 and 44)	
55	70030537	1	Harness, Seat	

FIGURE 6-9. LEFT ARMREST ASSEMBLY

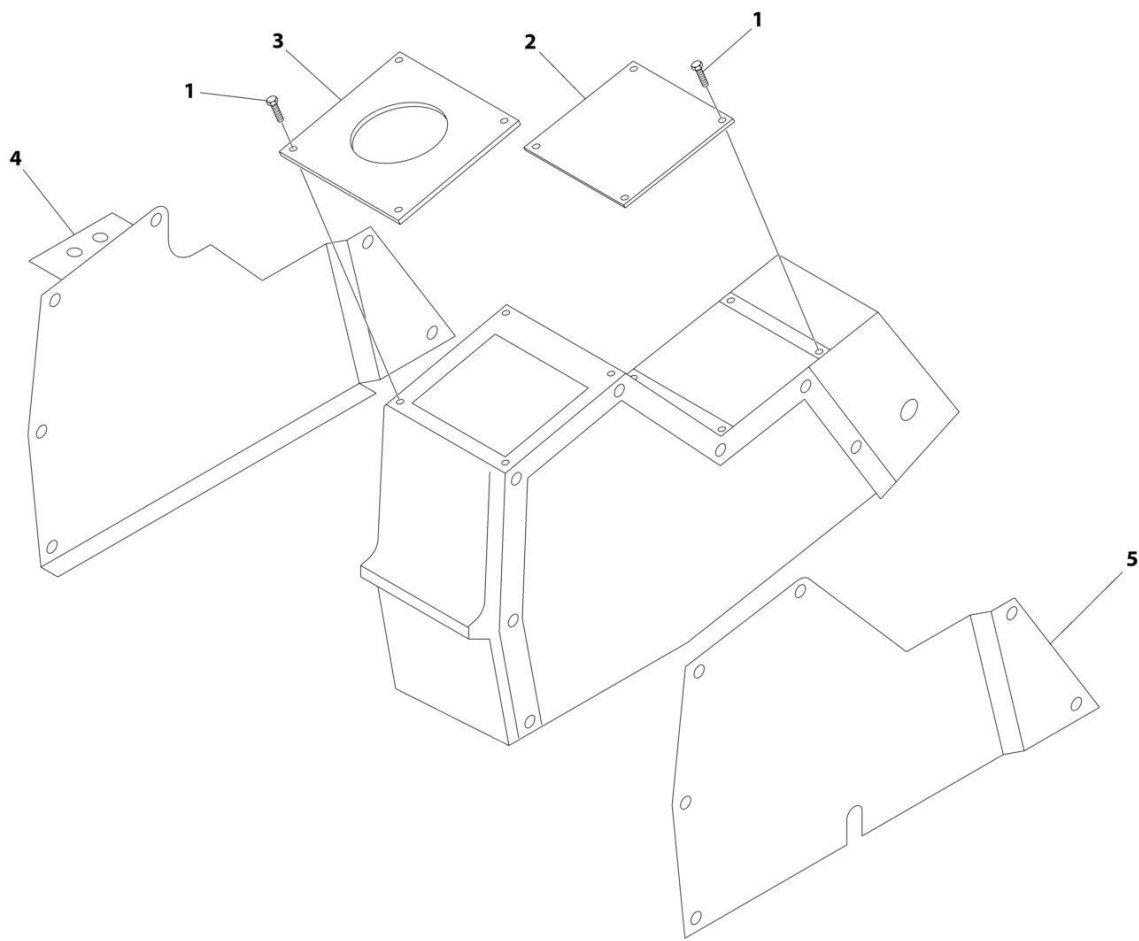


ART_1001278622

FIGURE 6-9. LEFT ARMREST ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278622	Ref	LEFT ARMREST ASSEMBLY	B
1	1001274698	1	Left Arm	
2	1001275341	2	Bushing	
3	1001275480	1	Cover	
4	1001275702	1	Pin	
5	1001275703	1	Pin	
6	1001284787	1	Strut	
7	1001284788	2	Ring, Retaining	
8	1001293246	1	Pin, Clevis	
9	1001293248	1	Washer, Lock M8	

FIGURE 6-10. RIGHT ARMREST ASSEMBLY

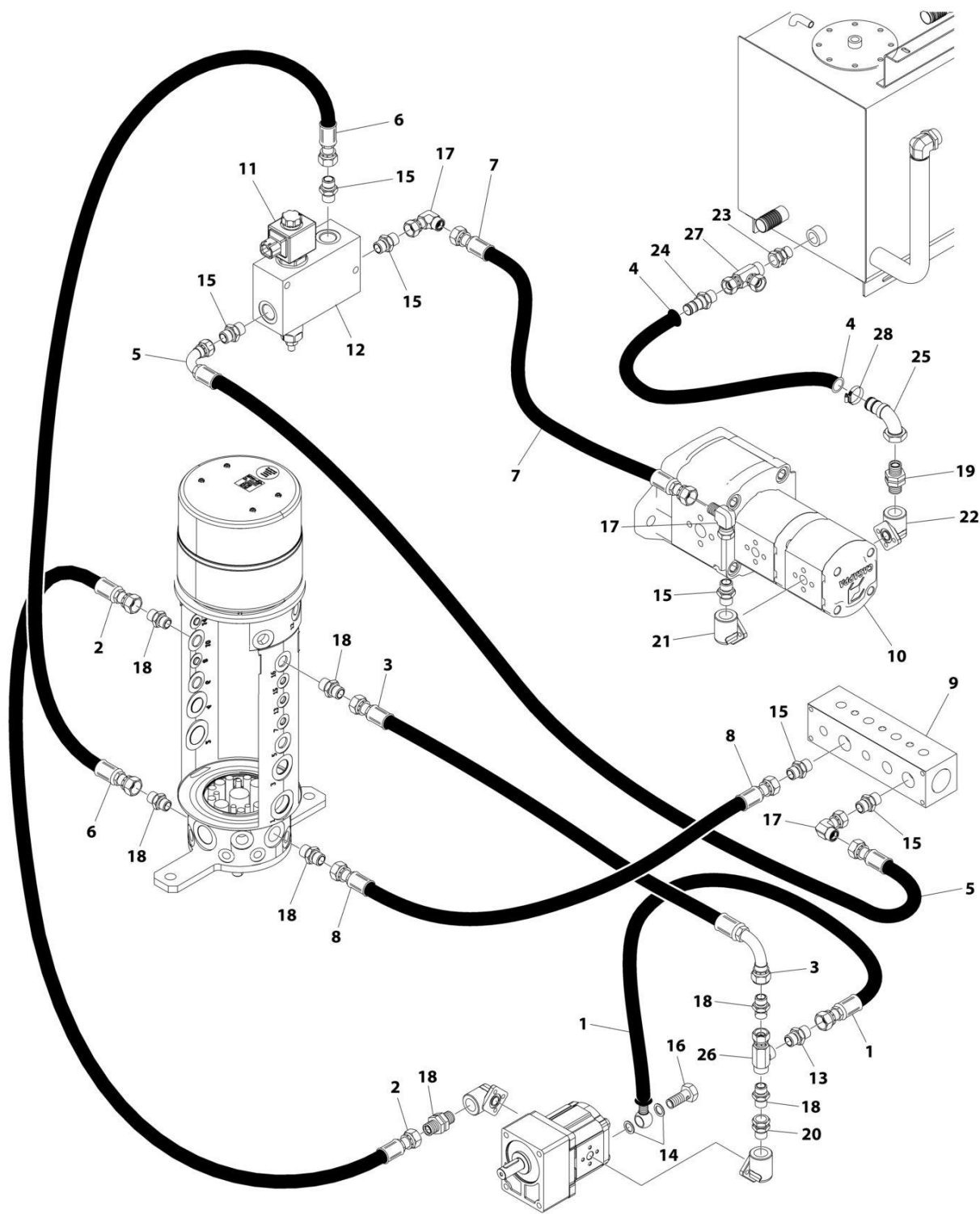


ART_1001278623

FIGURE 6-10. RIGHT ARMREST ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278623	Ref	RIGHT ARMREST ASSEMBLY	A
1	4010510	20	Bolt M5 x 20	
2	1001275310	1	Plate	
3	1001277725	1	Plate, Joystick Mounting	
4	1001278624	1	Plate, Right Side	
5	1001278625	1	Plate, Left Side	

FIGURE 6-11. A/C LINES INSTALLATION



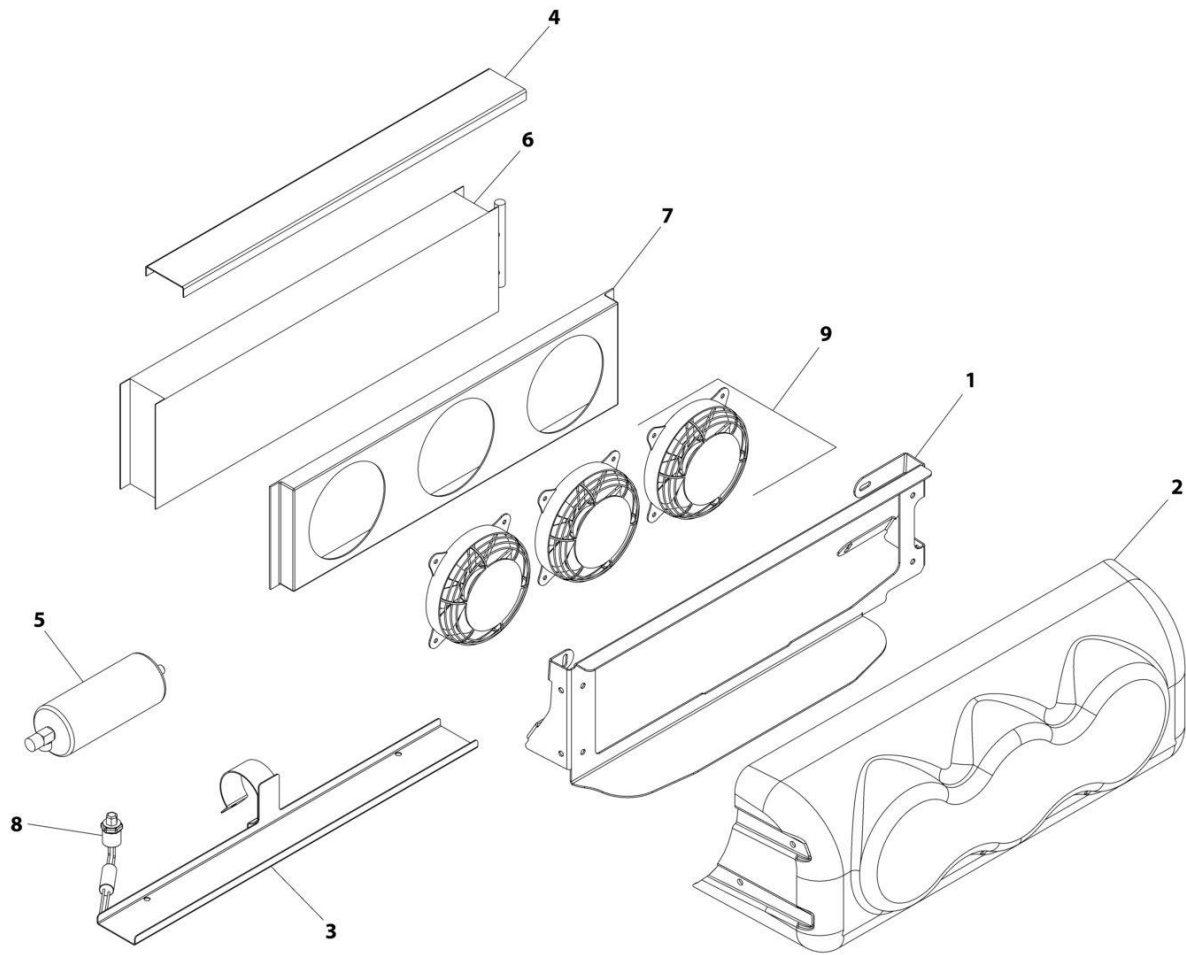
ART_1001280861

FIGURE 6-11. A/C LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280861	Ref	A/C LINES INSTALLATION	C
1	1001275020	1	Hose	
2	1001275028	1	Hose	
3	1001275029	1	Hose	
4	1001275920	1	Hose	
5	1001276292	1	Hose	
6	1001276293	1	Hose	
7	1001276294	1	Hose	
8	1001276300	1	Hose	
9	1001276334	1	Manifold	
10	1001276484	1	Pump, Hydraulic	
11	1001277158	1	Coil	
12	1001277248	1	Valve, A/C	
13	1001277526	1	Fitting, Reduction	
14	1001279105	2	Washer	
15	1001279098	6	Fitting, Straight ORFS/ORB	
16	1001279261	1	Bolt M14	
17	1001279284	3	Fitting, 90 FSORFS/ORB	
18	1001279323	7	Fitting, Straight ORFS/ORB	
19	1001279324	1	Fitting, Straight ORB/ORB	
20	1001279363	1	Fitting, Straight FSORFS/ORB	
21	1001280478	1	Elbow, Flanged M18	
22	1001280517	1	Elbow, Flanged M22	
23	1001280535	1	Fitting, Straight FSORFS/ORB	
24	1001280864	1	Fitting, Straight ORFS/BARB	
25	1001280865	1	Fitting, 90 FSORFS/BARB	
26	1001280866	1	Fitting, Tee FSORFS/FORFS/FORFS	
27	1001303764	1	Fitting, Tee	
28	8405007	1	Clamp	

SECTION 6 - CAB

FIGURE 6-12. A/C CONDENSER INSTALLATION



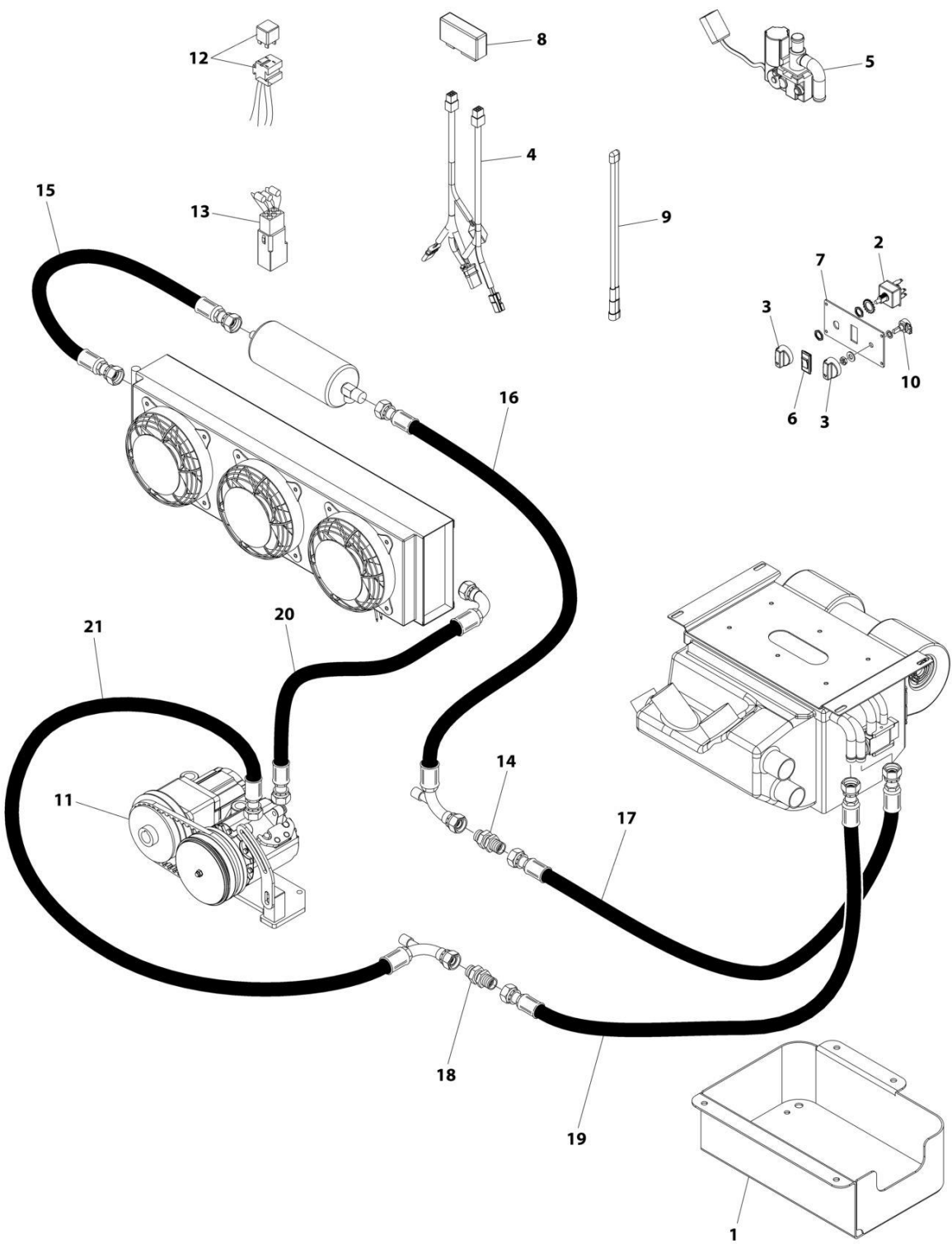
ART_1001280868

FIGURE 6-12. A/C CONDENSER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280868	Ref	A/C CONDENSER INSTALLATION	A
1	1001275283	1	Bracket	
2	1001275479	1	Cover	
3	1001278626	1	Bracket	
4	1001278627	1	Cover	
5	1001278628	1	Filter, A/C	
6	1001278629	1	Condenser, A/C	
7	1001278630	1	Plate	
8	1001278631	1	Sensor, Pressure	
9	1001278632	1	Fan Kit	

SECTION 6 - CAB

FIGURE 6-13. A/C PUMP INSTALLATION



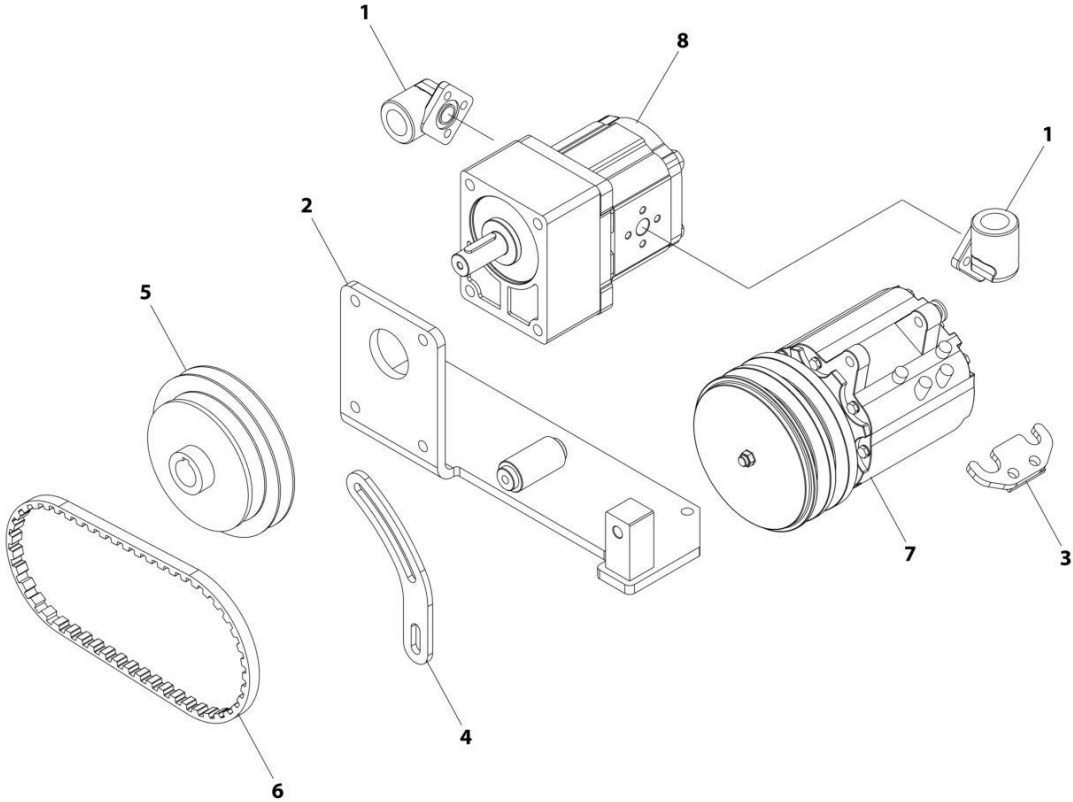
ART_1001280862

FIGURE 6-13. A/C PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280862	Ref	A/C PUMP INSTALLATION	C
1	1001275820	1	Support	
2	1001279148	1	Switch	
3	1001279150	2	Knob	
4	1001280869	1	Harness, Control	
5	1001280870	1	Valve	
6	1001280871	1	Switch, HVAC	
7	1001280872	1	Panel	
8	1001280873	1	Module, Control	
9	1001298998	1	Sensor, Coolant Level	
10	1001280875	1	Switch, HVAC	
11	1001280876	1	Compressor Assembly (See Separate Breakdown in this Section)	
12	1001280878	1	Relay	
13	1001280879	1	Diode	
14	1001281585	1	Fitting Straight ORB/ORB	
15	1001281586	1	Hose	
16	1001281587	1	Hose	
17	1001281589	1	Hose	
18	1001281591	1	Fitting Straight ORB/ORB	
19	1001281592	1	Hose	
20	1001281685	1	Hose	
21	1001281686	1	Hose	

SECTION 6 - CAB

FIGURE 6-14. A/C COMPRESSOR ASSEMBLY

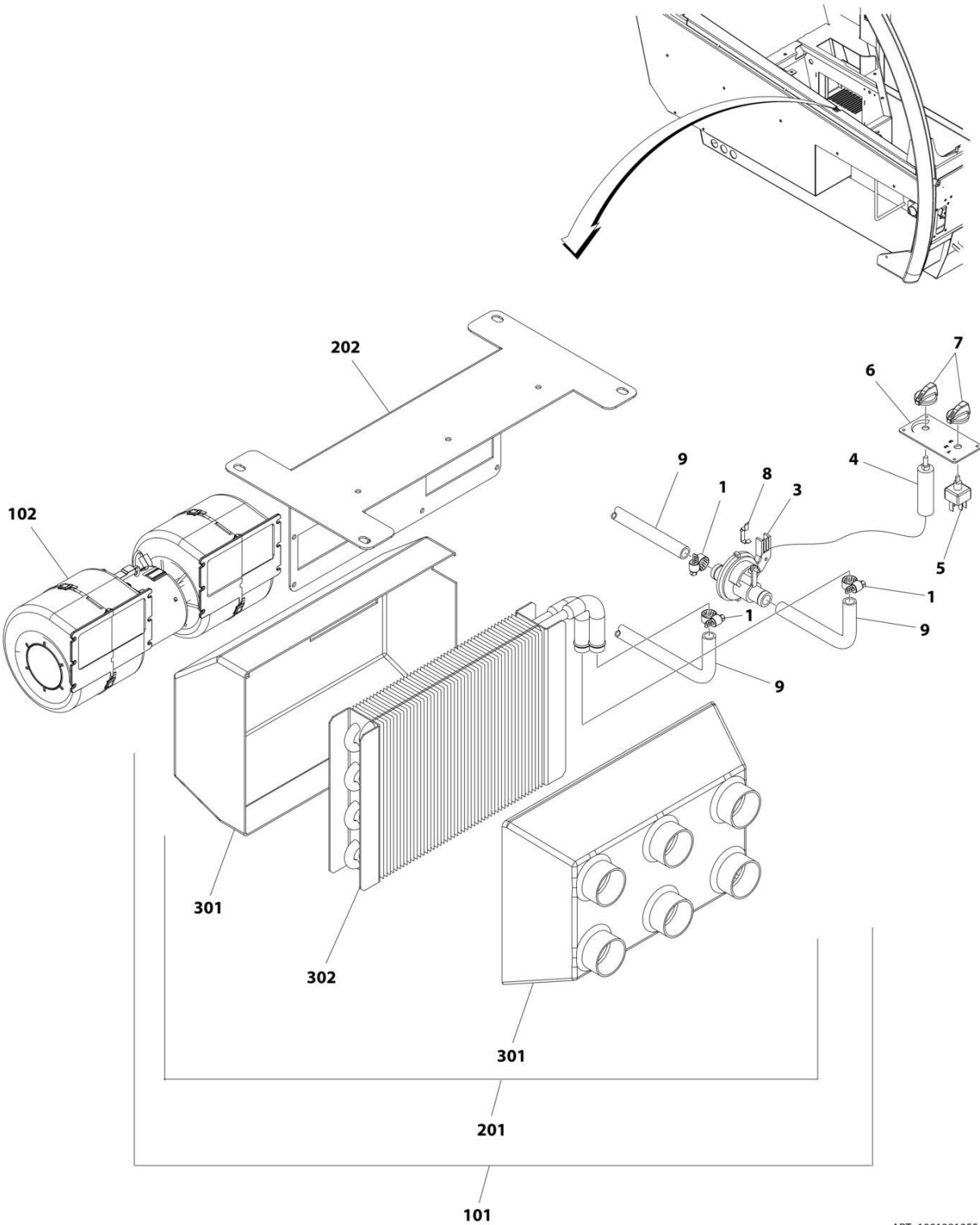


ART_1001280876

FIGURE 6-14. A/C COMPRESSOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280876	Ref	A/C COMPRESSOR ASSEMBLY	B
1	1001280478	2	Elbow	
2	1001280880	1	Bracket	
3	1001280881	1	Plate	
4	1001280882	1	Plate, Tensioner	
5	1001280883	1	Pulley	
6	1001280884	1	Belt	
7	1001280885	1	Pump, Compressor	
8	1001290281	1	Motor, Hydraulic	

FIGURE 6-15. HEATER INSTALLATION



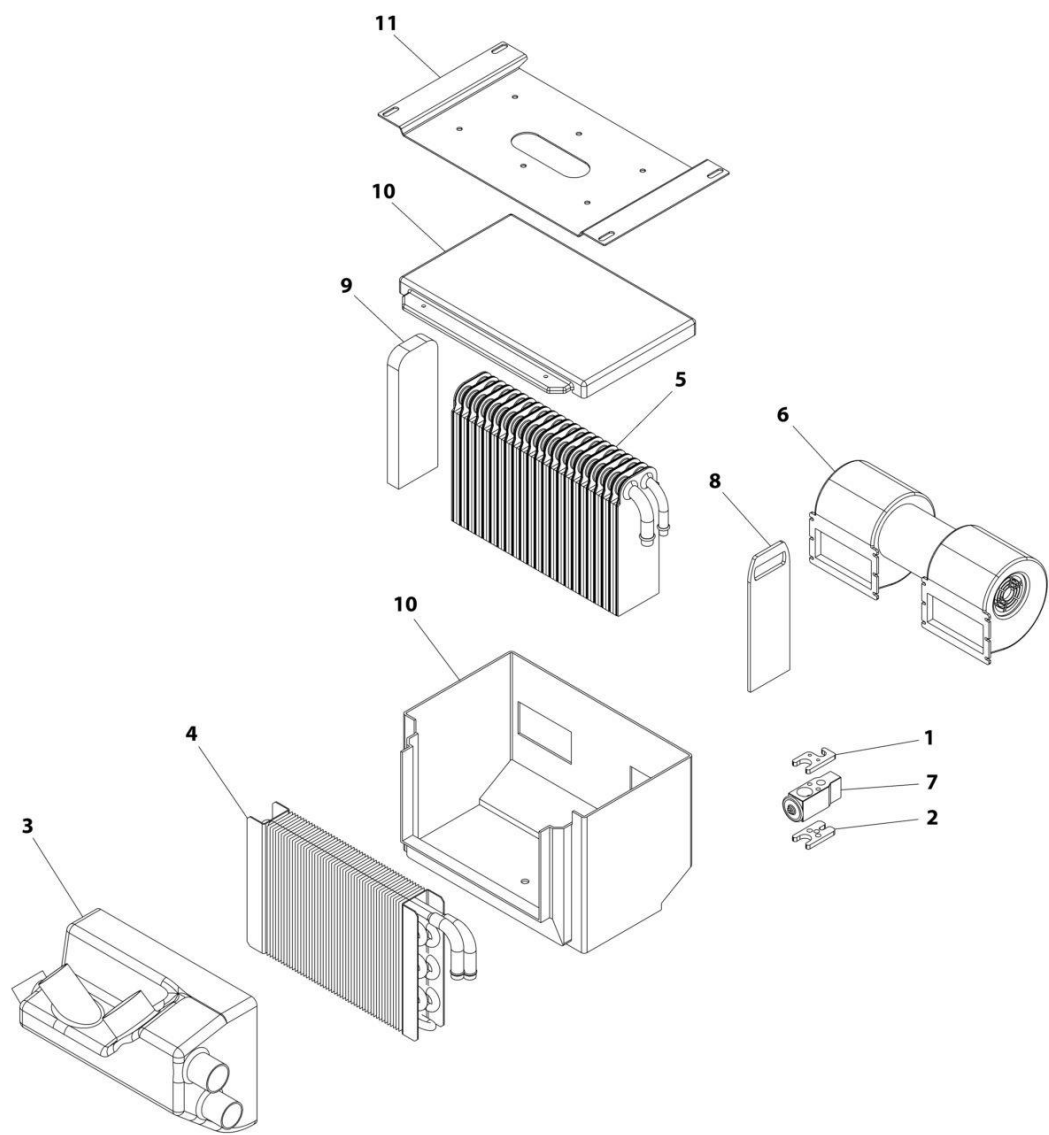
ART_1001281355

FIGURE 6-15. HEATER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281355	Ref	CAB HEATER INSTALLATION	A
1	8405007	3	Clamp	B
2	1001274756	1	Heater Assembly (Includes Items 101-102)	
3	1001279146	1	Coupling	
4	1001279147	1	Valve	
5	1001279148	1	Switch	
6	1001279149	1	Plate	
7	1001279150	2	Knob	
8	1001279151	1	Link	
9	1001281378	19.69 ft / 6m	Tube	
101	1001279142	1	Heater & Bracket Assembly (Includes Items 201-202)	B
102	1001279145	1	Motor, Heater	B
201	1001279143	1	Heater Box Assembly (Includes Items 301- 302)	
202	1001279144	1	Bracket	
301	1001281357	1	Box, Heater	
302	1001280890	1	Radiator	

SECTION 6 - CAB

FIGURE 6-16. HEATER AND A/C INSTALLATION



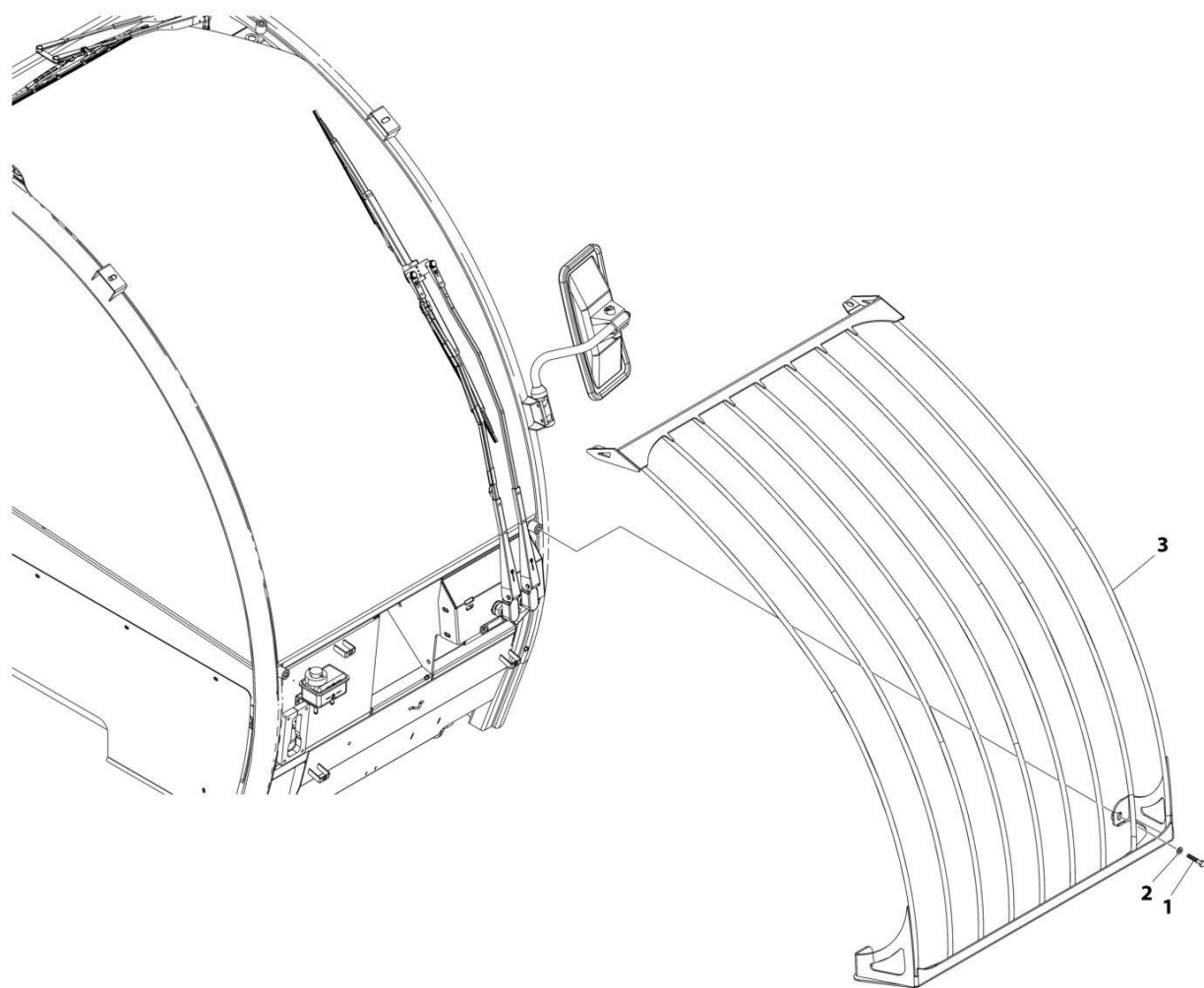
ART_1001280877

FIGURE 6-16. HEATER AND A/C INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280877	Ref	HEATER AND A/C INSTALLATION	A
1	1001280887	1	Bracket	
2	1001280888	1	Bracket	
3	1001280889	1	Cover	
4	1001280890	1	Radiator	
5	1001280891	1	Evaporator	
6	1001280892	1	Motor	
7	1001280893	1	Valve	
8	1001280894	1	Seal	
9	1001280895	1	Seal	
10	1001280896	1	Housing	
11	1001284818	1	Bracket	

SECTION 6 - CAB

FIGURE 6-17. CAB GUARD INSTALLATION

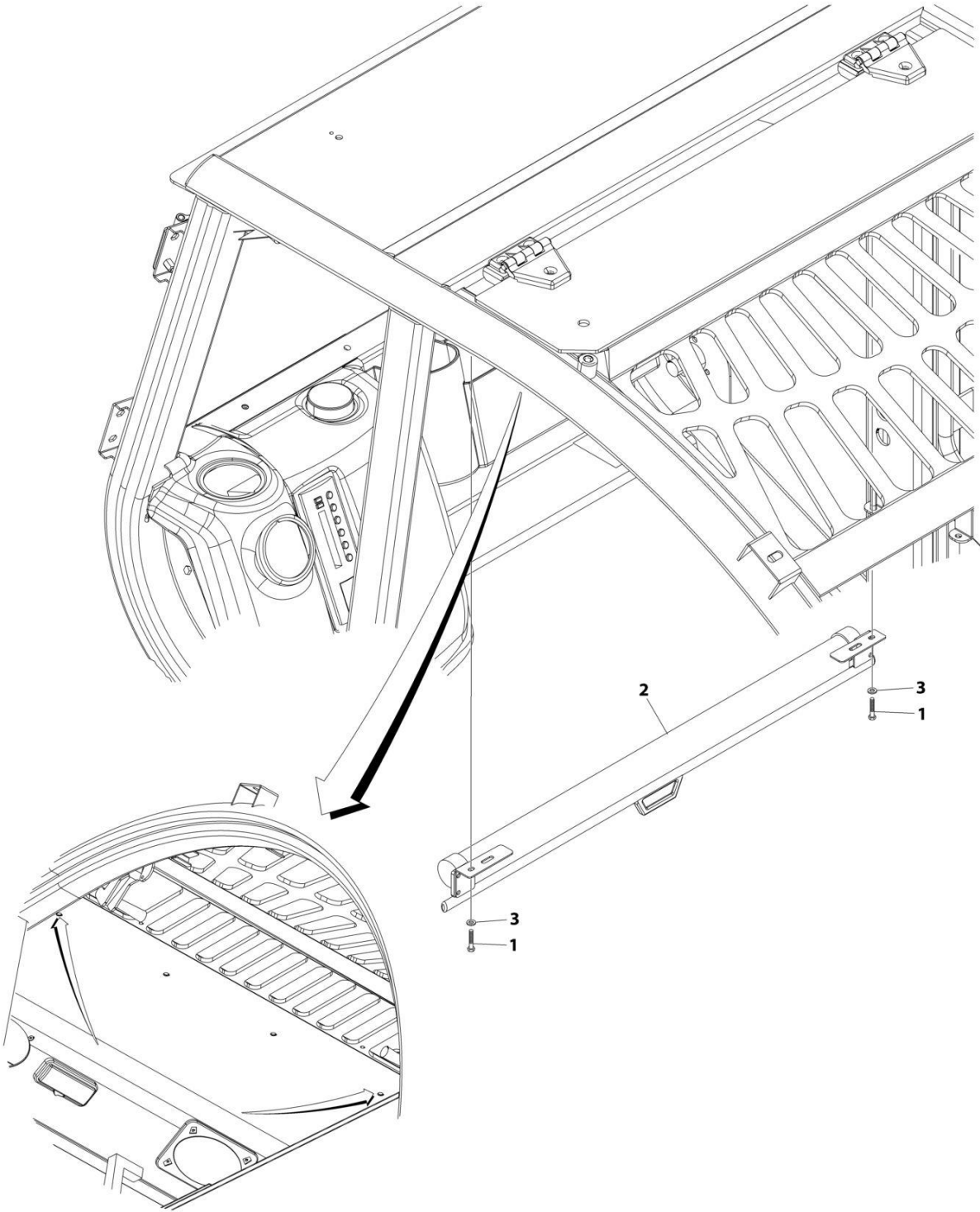


ART_1001275965

FIGURE 6-17. CAB GUARD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275965	Ref	CAB GUARD INSTALLATION	C
1	0761210	4	Bolt M12 x 20	
2	4812100	4	Washer M12	
3	1001274712	1	Protection	

FIGURE 6-18. SUNSCREEN INSTALLATION



ART_1001275758

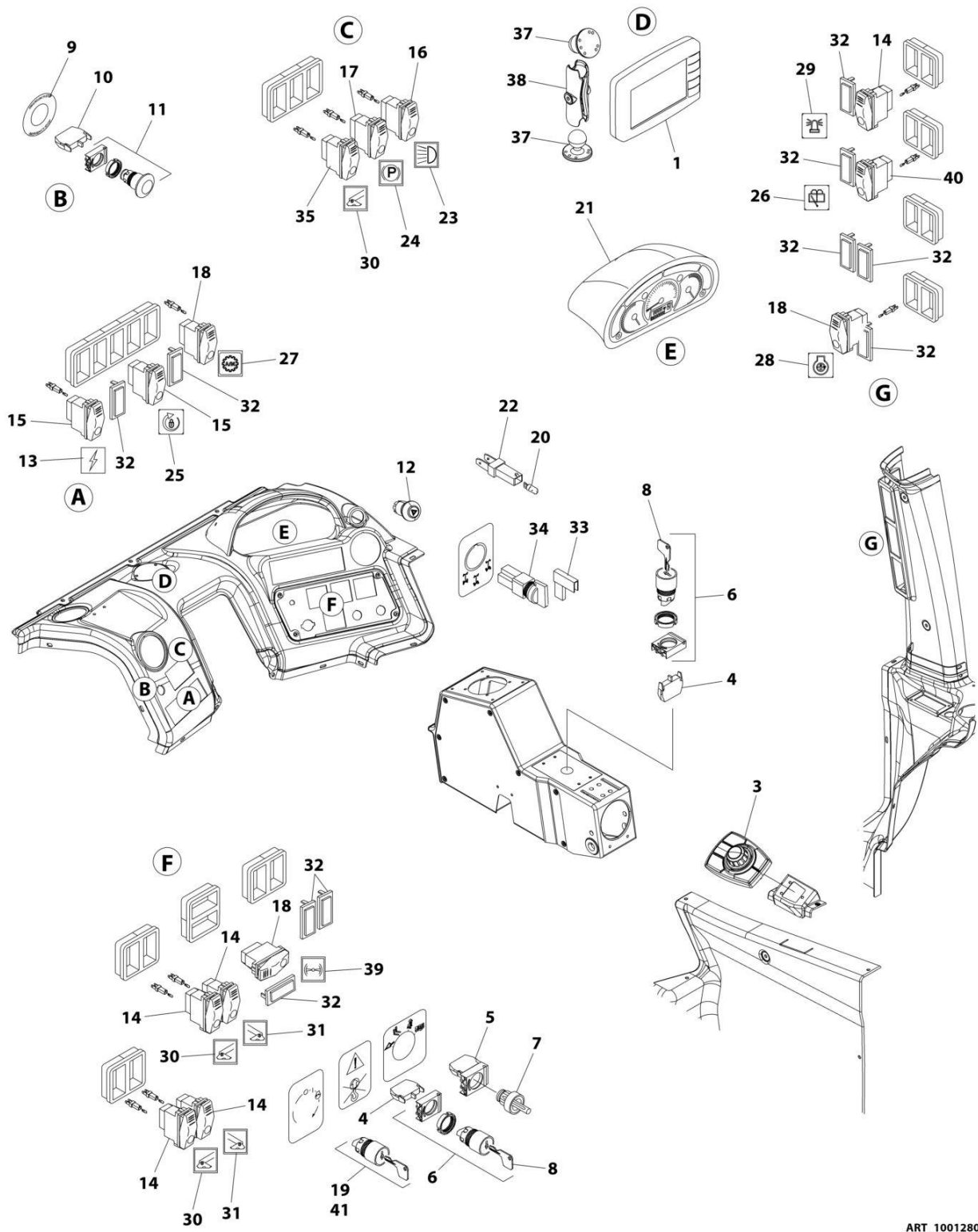
FIGURE 6-18. SUNSCREEN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275758	Ref	SUNSCREEN INSTALLATION	B
1	0700510	2	Bolt M5 x 20	
2	1001277710	1	Screen, Sun	
3	4811602	2	Washer M5	

SECTION 7 - CONTROLS

SECTION 7 - CONTROLS

FIGURE 7-1. CAB CONTROLS INSTALLATION



ART_1001280928

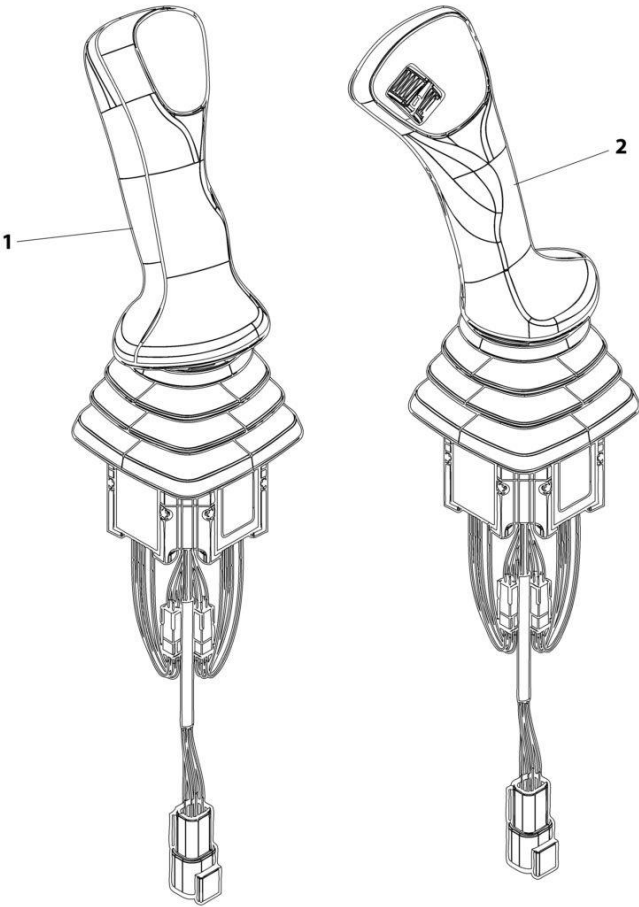
SECTION 7 - CONTROLS

FIGURE 7-1. CAB CONTROLS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280928	Ref	CAB CONTROLS INSTALLATION	C
1	1001275894	1	Display	
3	1001276891	1	Switch, Rotary	
4	1001278451	2	Block, Switch	
5	1001289834	2	Block, Switch	
6	1001278453	2	Switch, Bypass	
7	1001289835	1	Switch, Aux Power	
8	1001278475	2	Key	
9	1001289787	1	Decal, Emergency Stop	
10	1001293245	1	Block, Contact	
11	1001281014	1	Switch, Emergency Stop	
12	1001281015	1	Switch, Emergency Lights	
13	1001289793	1	Decal, Boom Aux Power	
14	1001281017	5	Switch, Outriggers	
15	1001281018	2	Switch, Boom Aux Power	
16	1001281020	1	Switch, Lights	
17	1001281021	1	Switch, Parking Brake	
18	1001281022	3	Switch	
19	1001281023	1	Ignition (Includes Item 41)	
20	1001281024	1	Lamp	
21	1001281025	1	Panel, Gauges	
22	1001281026	1	Holder, Lamp	
23	1001281028	1	Decal, Lights	
24	1001281029	1	Decal, Parking Brake	
25	1001281030	1	Decal, Turntable Lock	
26	1001281031	1	Decal, Wipers	
27	1001281032	1	Decal, Speed	
28	1001281033	1	Decal, Throttle	
29	1001281034	1	Decal, Beacon	
30	1001281035	3	Decal, Left Outrigger	
31	1001281036	2	Decal, Right Outrigger	
32	1001281037	10	Cap, Switch Housing	
33	1001281038	1	Cover	
34	1001281039	1	Switch, Steering	
35	1001281040	1	Switch, Outriggers	
37	1001281043	2	Joint, Ball	
38	1001281044	1	Bracket	
39	1001281045	1	Decal, Machine Leveling	
40	1001289789	1	Switch, Wiper	
41	1001276889	1	Key, Ignition	

SECTION 7 - CONTROLS

FIGURE 7-2. JOYSTICKS



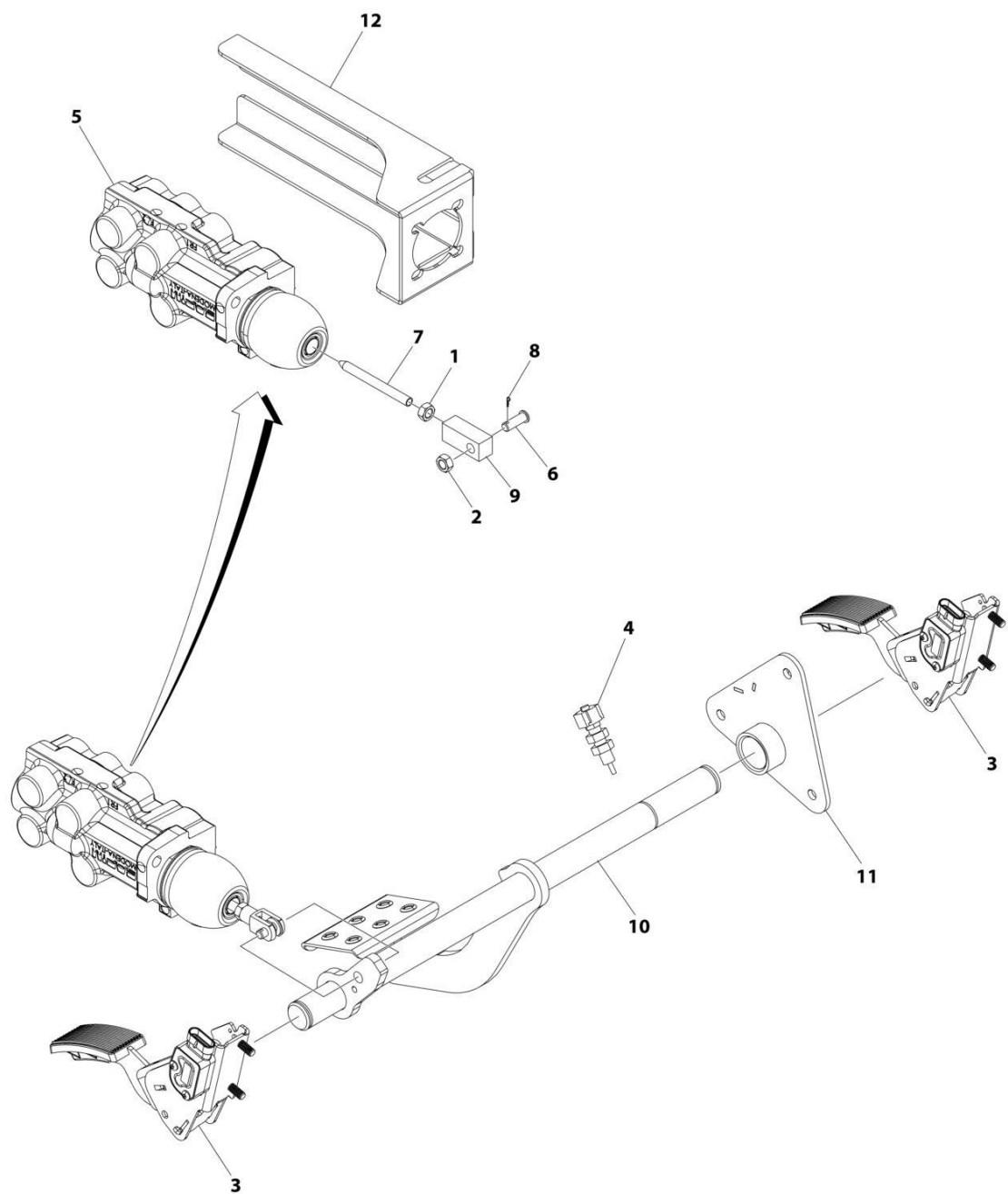
ART_1001280458

FIGURE 7-2. JOYSTICKS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280458	Ref	JOYSTICKS	A
1	1001277232	1	Joystick, Left	
2	1001277233	1	Joystick, Right	

SECTION 7 - CONTROLS

FIGURE 7-3. PEDALS ASSEMBLY



ART_1001280927

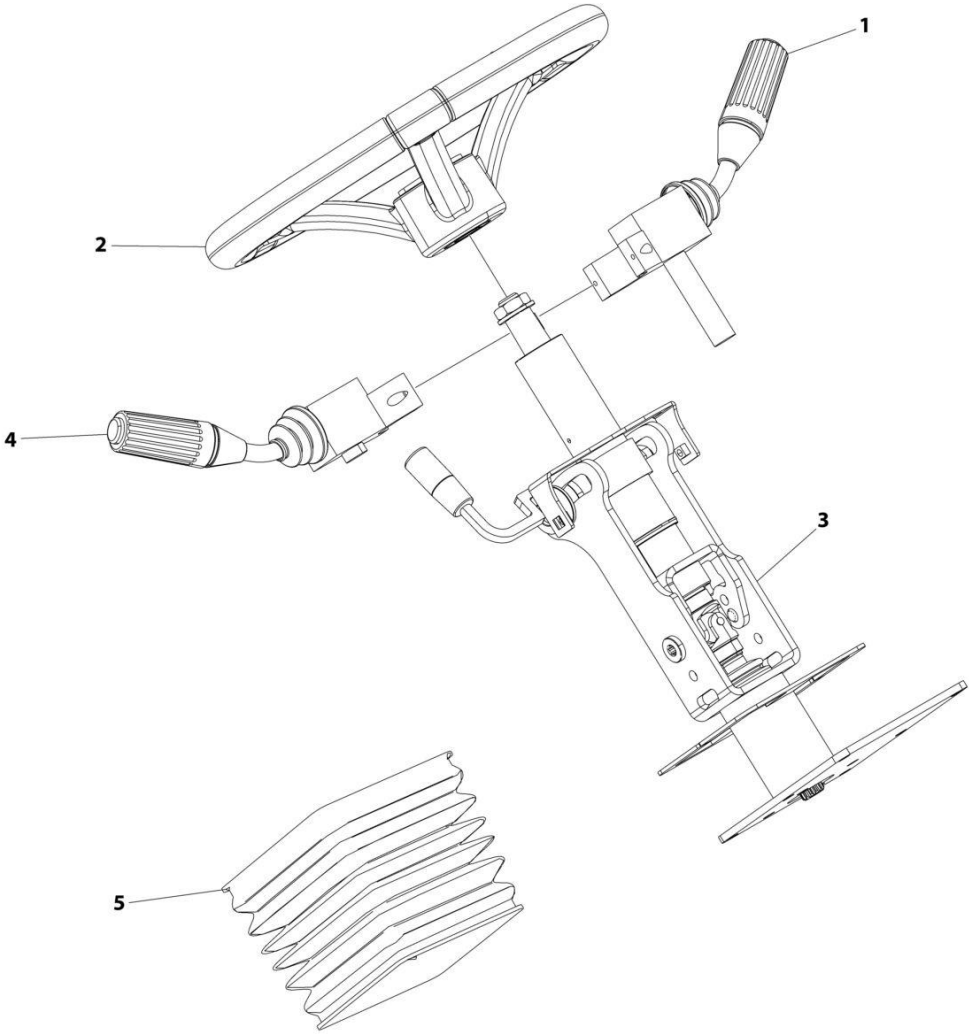
SECTION 7 - CONTROLS

FIGURE 7-3. PEDALS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280927	Ref	PEDALS ASSEMBLY	B
1	3291001	1	Nut M10	
2	3291202	1	Nut M12	
3	1001274734	2	Pedal	
4	1001275890	1	Sensor, Pedals	
5	1001275897	1	Valve, Brake	
6	1001278316	1	Pin	
7	1001278317	1	Rod, Threaded M10	
8	1001278324	1	Pin, Cotter	
9	1001281008	1	Link	
10	1001287383	1	Pedal, Brake	
11	1001278320	1	Bracket	
12	1001281011	1	Bracket	

SECTION 7 - CONTROLS

FIGURE 7-4. STEERING COLUMN ASSEMBLY



ART_1001280926

SECTION 7 - CONTROLS

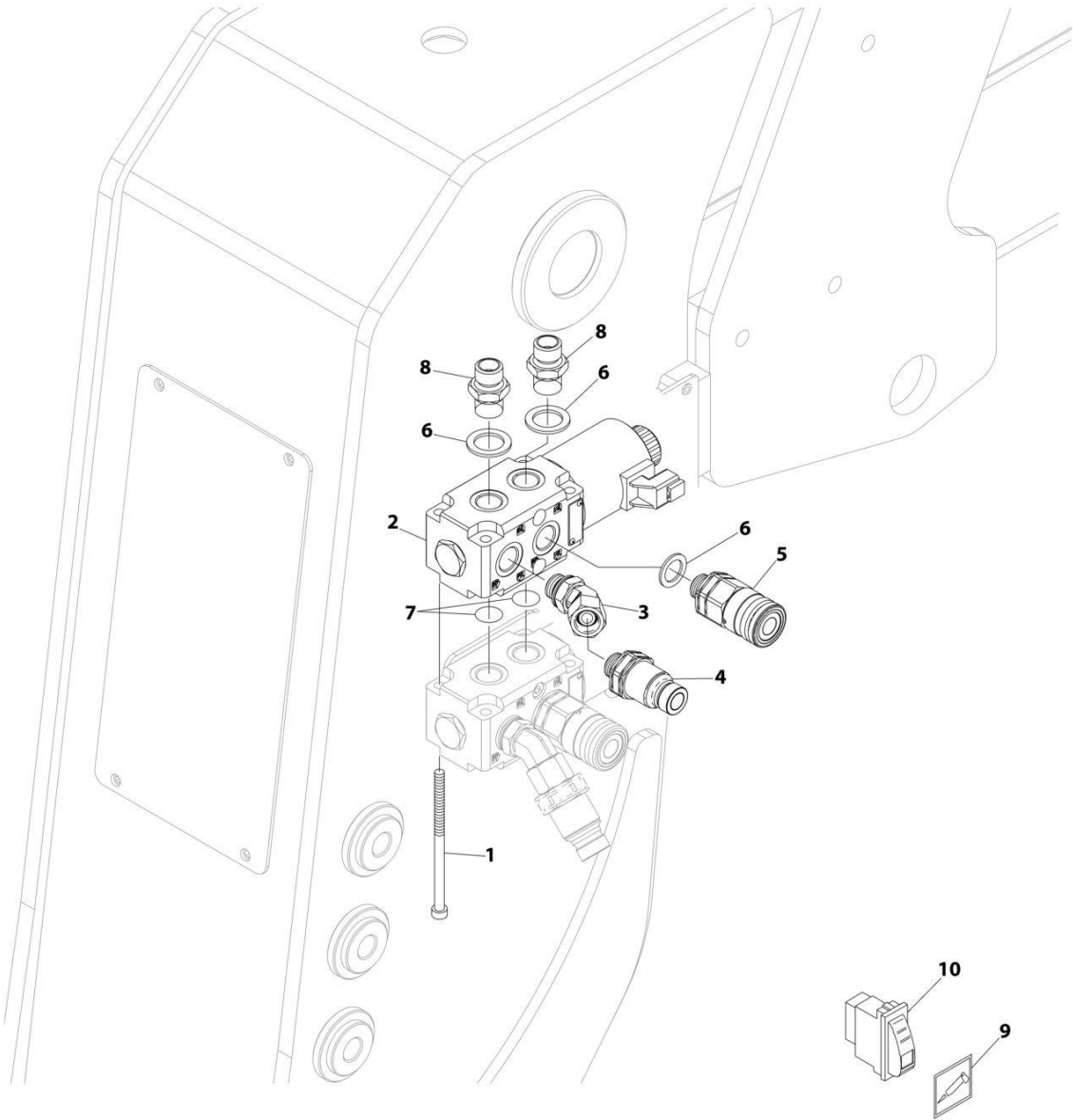
FIGURE 7-4. STEERING COLUMN ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280926	Ref	STEERING COLUMN ASSEMBLY	A
1	1001276992	1	Switch, FNR	
2	1001281004	1	Steering Wheel	
3	1001281005	1	Column, Steering	
4	1001281006	1	Switch, Road Lights	
5	1001281007	1	Bellows	

SECTION 8 - HYDRAULIC CIRCUITS

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. AUXILIARY BOOM HYDRAULICS DIAGRAM - WITH HYDRAULIC COUPLER



ART_1001275773

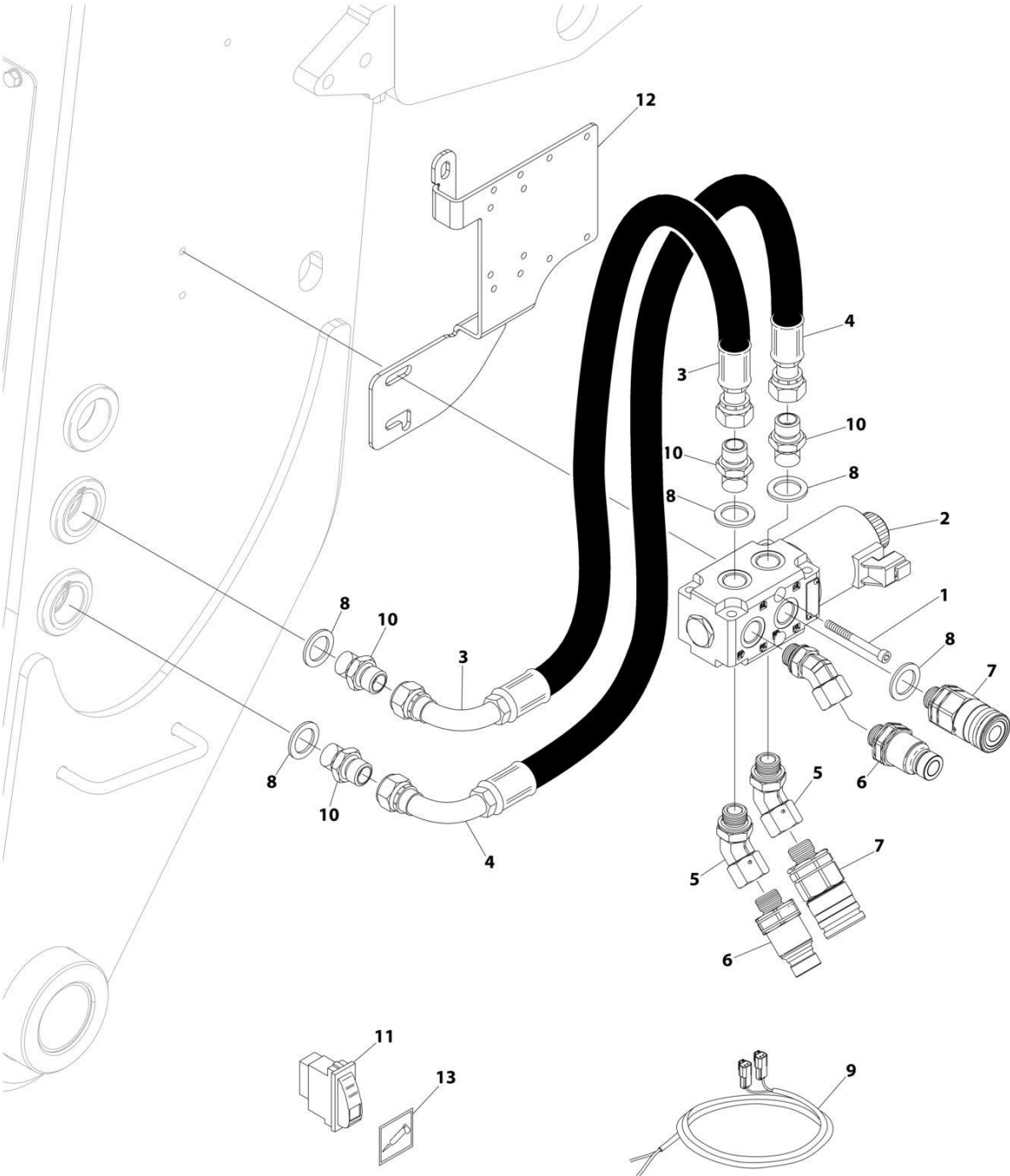
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. AUXILIARY BOOM HYDRAULICS DIAGRAM - WITH HYDRAULIC COUPLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275773	Ref	AUXILIARY BOOM HYDRAULICS	B
1	4031920	4	Capscrew M8 x 80	
2	1001274760	1	Valve	
3	1001276827	1	Fitting, 45 ORFS/JIC	
4	1001277706	1	Coupling, Male Quick Disconnect	
5	1001277707	1	Coupling, Female Quick Disconnect	
6	1001278186	3	Washer	
7	1001279109	2	O-Ring	
8	1001279323	2	Fitting, Straight ORFS/ORB	
9	1001283553	1	Decal - Boom Control	
10	1001283554	1	Switch, Boom Control	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-2. AUXILIARY BOOM HYDRAULICS DIAGRAM - WITH MANUAL COUPLER



ART_1001275772

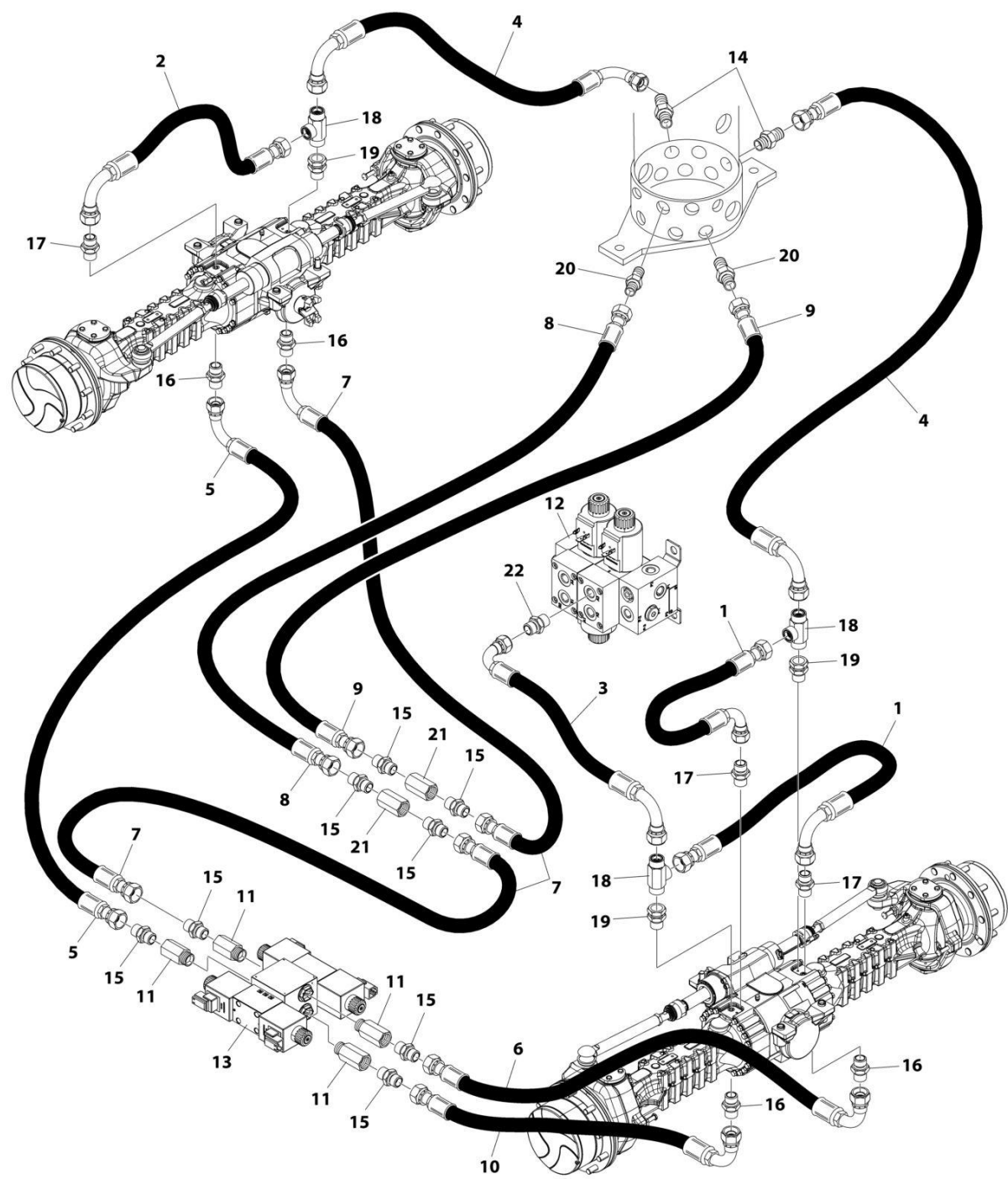
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-2. AUXILIARY BOOM HYDRAULICS DIAGRAM - WITH MANUAL COUPLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275772	Ref	AUXILIARY BOOM HYDRAULICS	B
1	4031920	2	Capscrew M8 x 80	
2	1001274760	1	Valve	
3	1001275969	1	Hose	
4	1001275971	1	Hose	
5	1001276827	3	Fitting, 45 ORFS/JIC	
6	1001277706	2	Coupling, Male Quick Disconnect	
7	1001277707	2	Coupling, Female Quick Disconnect	
8	1001278186	5	Washer	
9	1001279097	1	Harness, Hydraulic Coupler	
10	1001279323	4	Fitting, Straight ORFS/ORB	
11	1001281021	1	Switch, Boom Control	
12	1001281849	1	Bracket	
13	1001283553	1	Decal - Boom Control	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-3. AXLES HYDRAULIC DIAGRAM



ART_1001280446

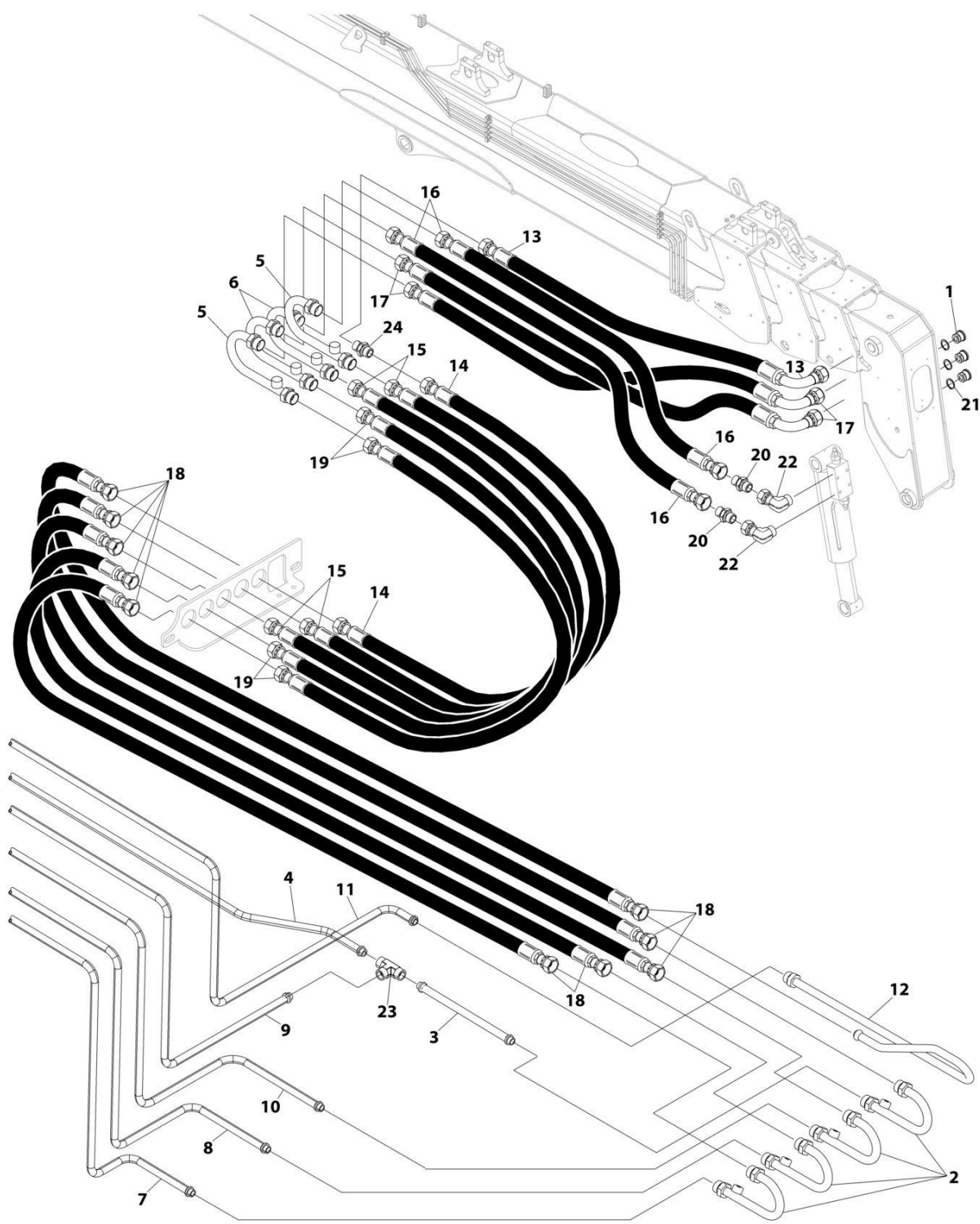
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-3. AXLES HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280446	Ref	AXLES HYDRAULIC DIAGRAM	C
1	1001275021	2	Hose	
2	1001275022	1	Hose	
3	1001275373	1	Hose	
4	1001276256	2	Hose	
5	1001276258	1	Hose	
6	1001276260	1	Hose	
7	1001276264	2	Hose	
8	1001293247	1	Hose	
9	1001276266	1	Hose	
10	1001276267	1	Hose	
11	1001276337	4	Fitting, Reduction	
12	1001276487	1	Valve	
13	1001276488	1	Valve	
14	1001279239	2	Fitting, Straight ORFS/ORB	
15	1001279240	8	Fitting, Straight ORFS/ORB 6-6	
15	1001299005	1	Fitting, Straight ORFS/ORB 8	
16	1001279241	4	Fitting, Straight ORFS/ORB 6-8	
16	1001299006	1	Fitting, Straight ORFS/ORB 6-8	
17	1001279242	3	Fitting, Straight JIC/ORB	
18	1001279243	3	Fitting, Tee ORB/JIC/ORB	
19	1001279244	3	Fitting, Straight FSORFS/ORB	
20	1001279246	2	Fitting, Straight ORFS/ORB 4-6	
20	1001299004	1	Fitting, Straight ORFS/ORB 8	
21	1001279247	2	Fitting, Straight FORB/FORB	
22	1001279290	1	Fitting, 90 ORFS/ORB	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-4. BOOM HYDRAULICS DIAGRAM



ART_1001281222

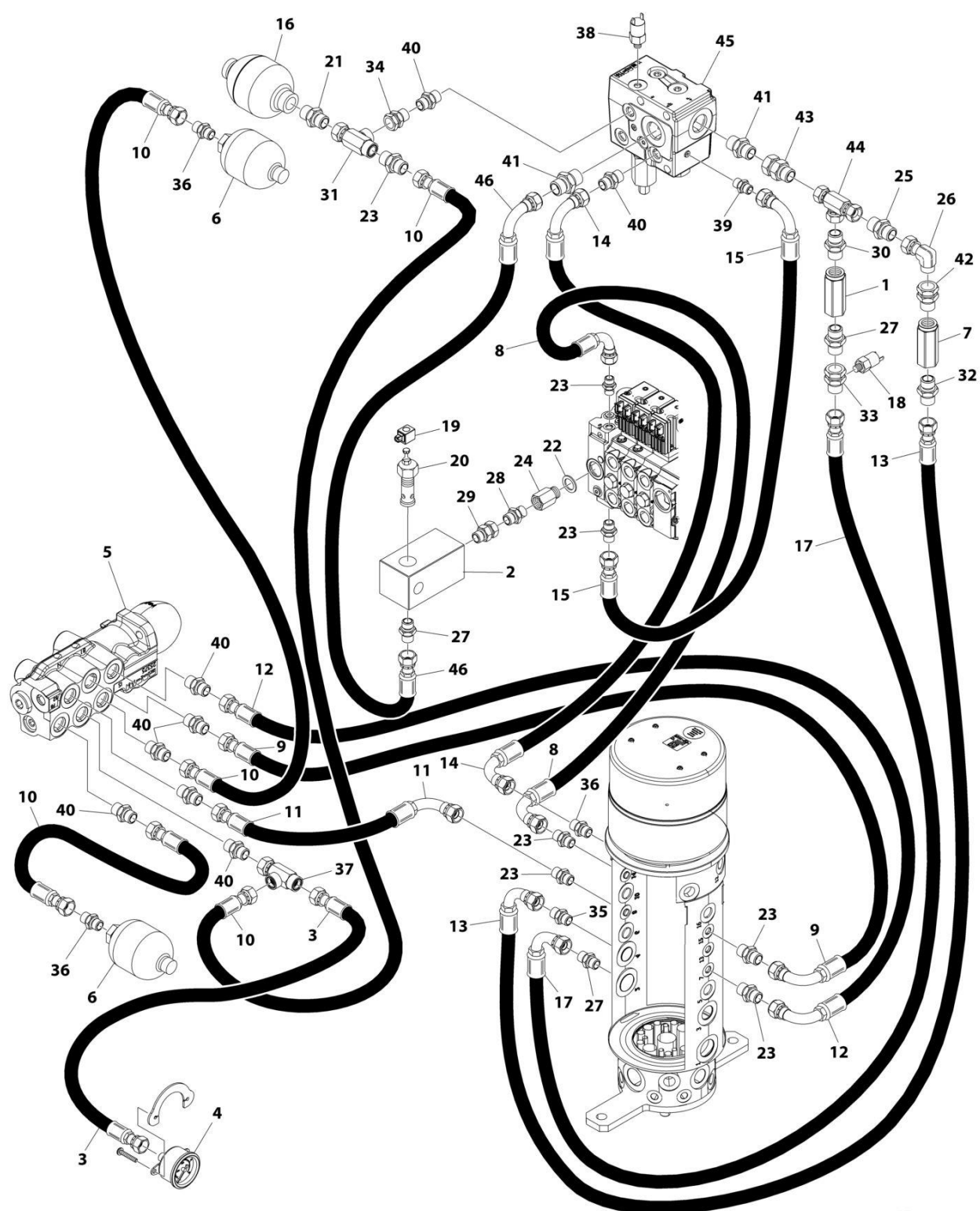
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-4. BOOM HYDRAULICS DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281222	Ref	BOOM HYDRAULIC DIAGRAM	A
1	1001274670	3	Bushing	
2	1001275031	4	Pipe	
3	1001275033	1	Pipe	
4	1001276543	1	Pipe	
5	1001276825	2	Pipe	
6	1001276826	2	Pipe	
7	1001276828	1	Pipe	
8	1001276829	1	Pipe	
9	1001276830	1	Pipe	
10	1001276831	1	Pipe	
11	1001276832	1	Pipe	
12	1001276833	1	Pipe	
13	1001276847	1	Hose	
14	1001276848	1	Hose	
15	1001276851	2	Hose	
16	1001276855	2	Hose	
17	1001276862	2	Hose	
18	1001276863	5	Hose	
19	1001276864	2	Hose	
20	1001279098	2	Fitting, Straight ORFS/ORB	
21	1001279108	3	Ring, Retaining	
22	1001279284	2	Fitting, 90 FSORFS/ORB	
23	1001281246	1	Fitting, Tee	
24	1001281247	1	Fitting, Straight ORFS/ORFS	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-5. BRAKES HYDRAULIC DIAGRAM



ART_1001280456

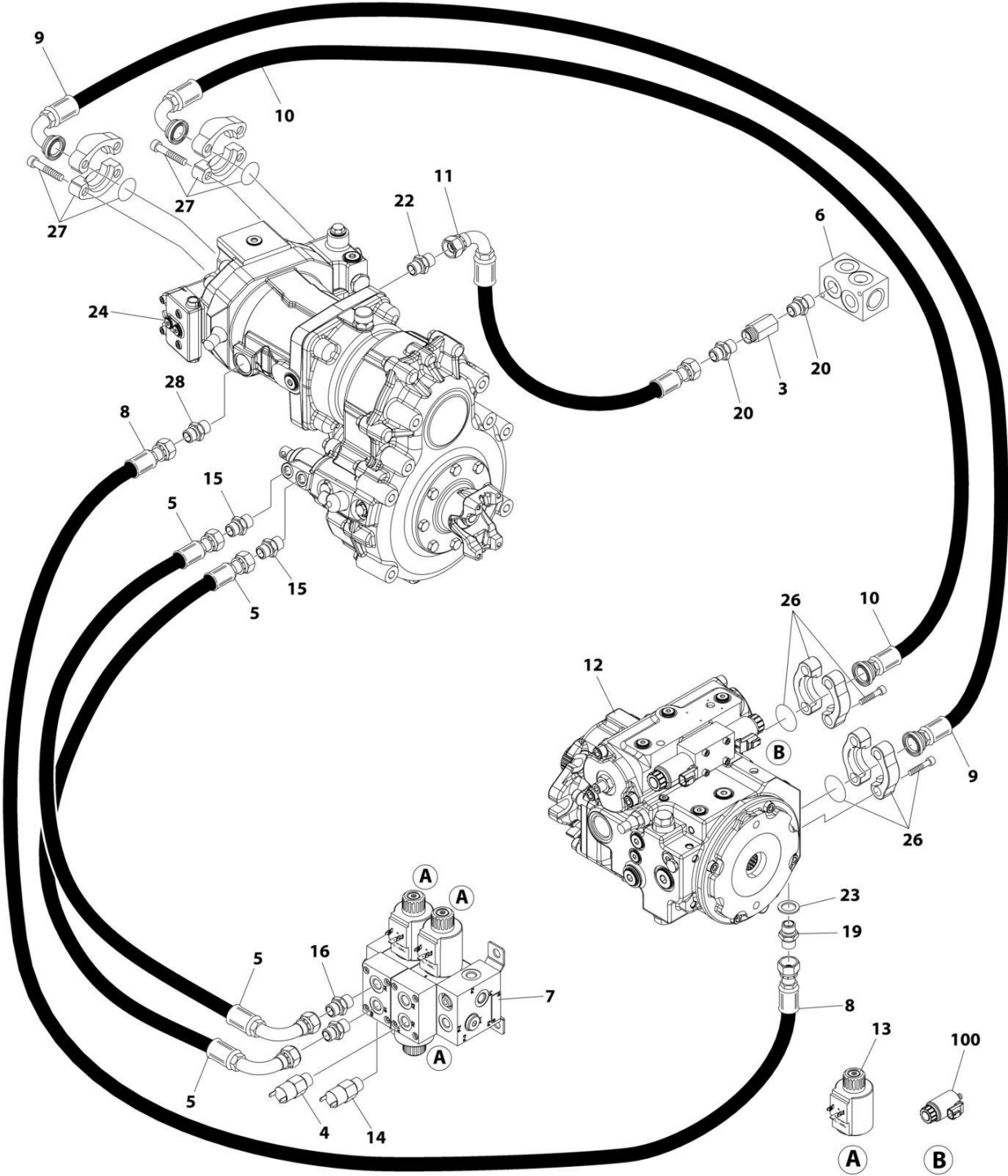
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-5. BRAKES HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280456	Ref	BRAKES HYDRAULIC DIAGRAM	B
1	1001274770	1	Valve	
2	1001274971	1	Manifold	
3	1001275008	1	Hose	
4	1001275889	1	Gauge, Pressure	
5	1001275897	1	Valve, Brake	
6	1001275899	2	Diaphragm	
7	1001275907	1	Reducer	
8	1001276248	1	Hose	
9	1001276250	1	Hose	
10	1001276253	3	Hose	
11	1001276254	1	Hose	
12	1001276255	1	Hose	
13	1001276280	1	Hose	
14	1001276283	1	Hose	
15	1001276285	1	Hose	
16	1001276475	1	Accumulator	
17	1001276505	1	Hose	
18	1001277236	1	Sensor, Pressure	
19	1001277244	1	Coil	
20	1001277245	1	Valve	
21	1001277526	1	Fitting, Reduction	
22	1001278186	1	Washer	
23	1001279239	7	Fitting, Straight ORFS/ORB	
24	1001279248	1	Fitting, Straight FORFS/ORB	
25	1001279281	1	Fitting, Straight ORFS/ORB	
26	1001279284	1	Fitting, 90 FSORFS/ORB	
27	1001279317	3	Fitting, Straight ORFS/ORB	
28	1001279318	1	Fitting, Straight ORFS/ORB	
29	1001279319	1	Fitting, Straight FSORFS/ORB	
30	1001279324	1	Fitting, Straight ORB/ORB	
31	1001279330	1	Fitting, Tee FORB/FORB/FORB	
32	1001279356	1	Fitting, Straight FORB/ORB	
33	1001279366	1	Fitting, Tee ORFS/ORB/FSORFS	
34	1001279376	1	Fitting, Straight FSORFS/ORB	
35	1001280492	1	Fitting, Straight ORB/ORB	
36	1001280511	3	Fitting, Straight ORB/ORB	
37	1001280512	1	Fitting, Tee ORFS/ORFS/FSORFS	
38	1001280537	1	Sensor, Pressure	
39	1001280540	1	Fitting, Straight ORFS/ORB	
40	1001280538	7	Fitting, Straight ORFS/ORB	
41	1001280542	2	Fitting, Straight ORFS/ORB	
42	1001280543	1	Fitting, Straight FSORFS/ORB	
43	1001280544	1	Fitting, Straight FSORFS/ORB	
44	1001280545	1	Fitting, Tee FSORFS/ORFS/FSORFS	
45	1001275898	1	Valve	
46	1001283238	1	Hose	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-6. ENGINE BAY HYDRAULIC DIAGRAM



ART_1001280448_E

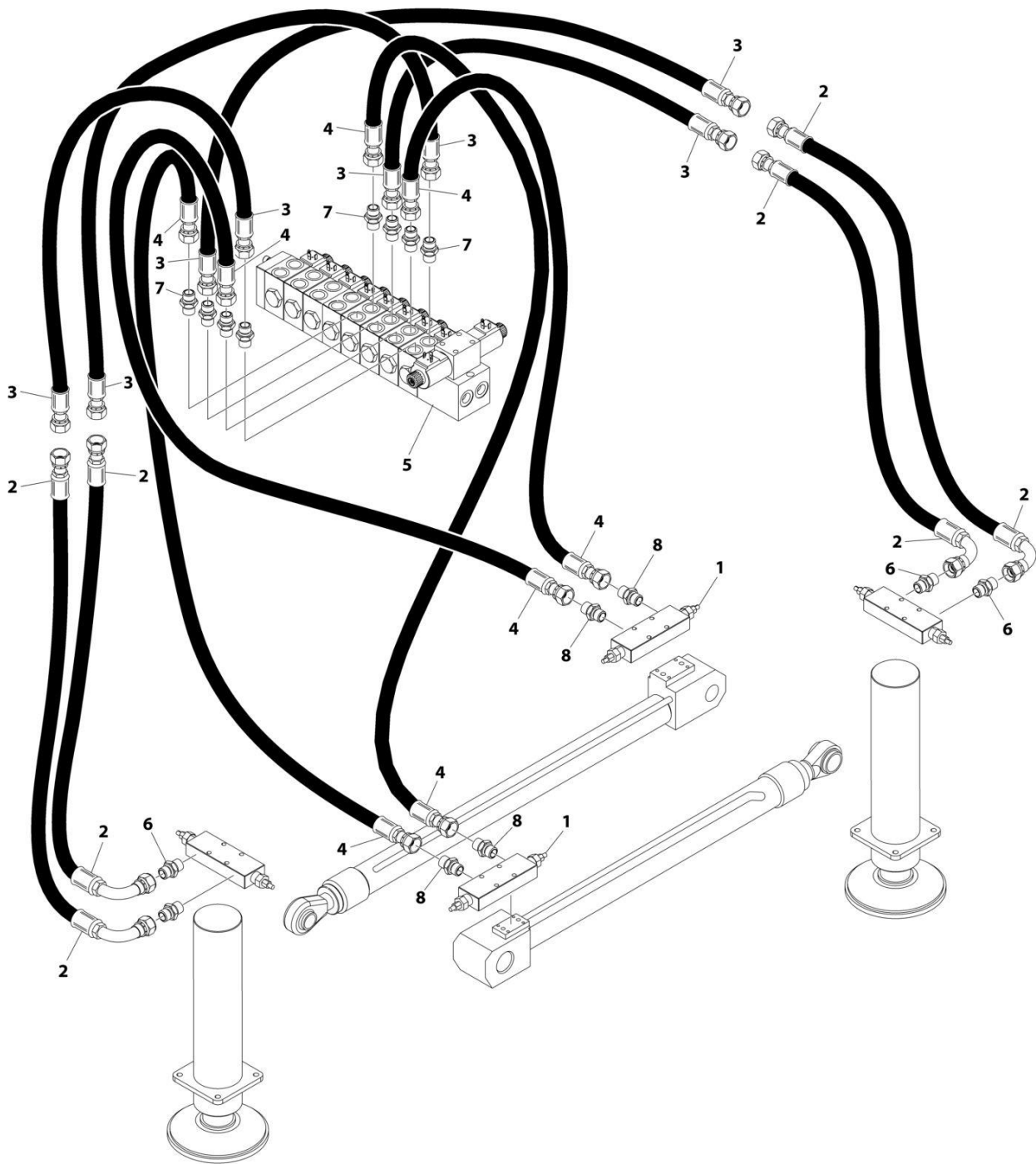
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-6. ENGINE BAY HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280448	Ref	ENGINE BAY HYDRAULIC DIAGRAM	E
3	1001274770	1	Valve	
4	1001274966	1	Sensor, Pressure	
5	1001275381	2	Hose	
6	1001276335	1	Manifold	
7	1001276487	1	Valve	
8	1001276511	1	Hose	
9	1001276512	1	Hose	
10	1001276513	1	Hose	
11	1001289872	1	Hose	
12	1001276997	1	Pump, Hydrostatic	
13	1001277156	3	Valve	
14	1001277446	1	Sensor, Pressure	
15	1001279242	2	Fitting, Straight JIC/ORB	
16	1001279271	2	Fitting, Straight ORFS/ORB 8-6	
16	1001279239	2	Fitting, Straight ORFS/ORB 4-4	
19	1001279336	1	Fitting, Straight ORB/ORB	
20	1001279337	2	Fitting, Straight ORFS/ORB	
22	1001289984	1	Fitting, Straight BSPP/MST	
23	1001280482	1	Washer	
24	1001277162	1	Motor, Hydraulic	
26	2171716	2	Kit, Split Coupling	
27	2171733	2	Kit, Split Coupling	
28	1001289870	1	Fitting, Straight BSP/M33	
100	70030788	2	Solenoid	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-7. FRONT OUTRIGGERS HYDRAULIC DIAGRAM



ART_1001280451

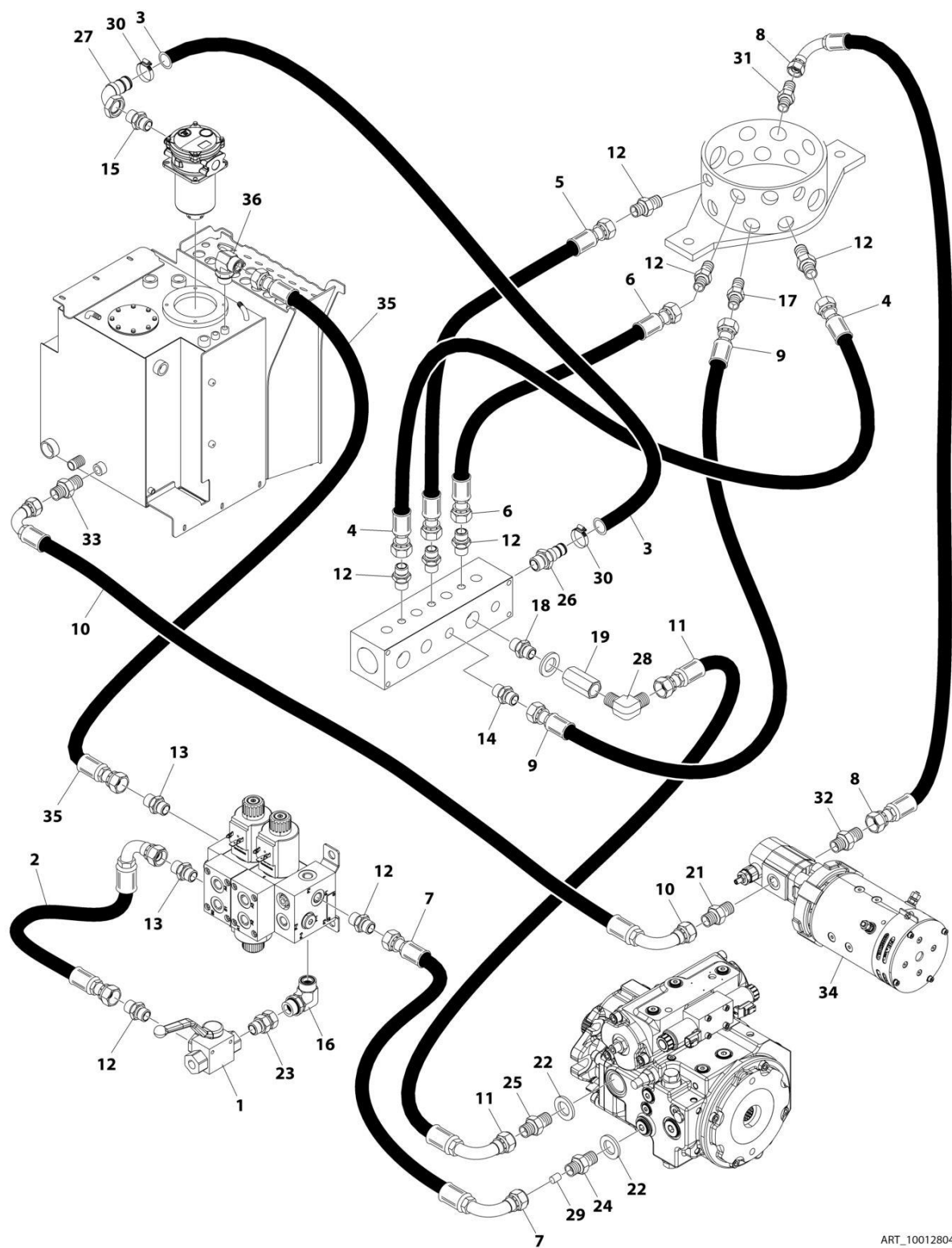
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-7. FRONT OUTRIGGERS HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280451	Ref	FRONT OUTRIGGERS HYDRAULIC DIAGRAM	A
1	1001274774	2	Valve	
2	1001276257	4	Hose	
3	1001276261	4	Hose	
4	1001276270	4	Hose	
5	1001276901	1	Outrigger Valve Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS section)	
6	1001279240	4	Fitting, Straight ORFS/ORB	
7	1001279246	8	Fitting, Straight ORFS/ORB	
8	1001280475	4	Fitting, Straight ORB/ORB	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-8. HYDROSTATIC PUMP HYDRAULIC DIAGRAM



ART_1001280449

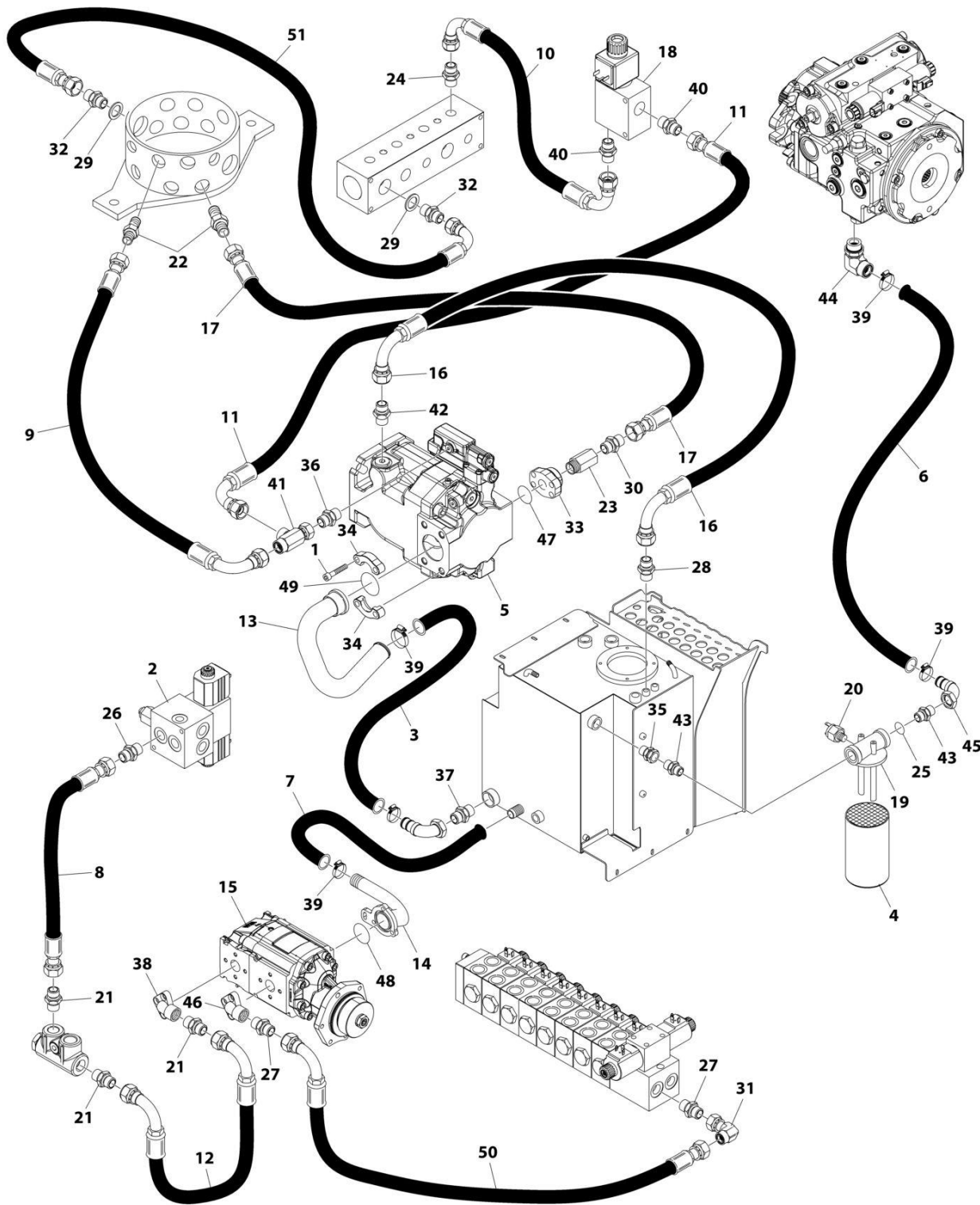
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-8. HYDROSTATIC PUMP HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280449	Ref	HYDROSTATIC PUMP HYDRAULIC DIAGRAM	D
1	1001274769	1	Valve	
2	1001275381	1	Hose	
3	1001275921	1	Hose	
4	1001276246	1	Hose	
5	1001276248	1	Hose	
6	1001276250	1	Hose	
7	1001276252	1	Hose	
8	1001276281	1	Hose	
9	1001276299	1	Hose	
10	1001276302	1	Hose	
11	1001276514	1	Hose	
12	1001279239	8	Fitting, Straight ORFS/ORB	
13	1001279240	2	Fitting, Straight ORFS/ORB 6-6	
13	1001299005	1	Fitting, Straight ORFS/ORB 8	
14	1001279281	1	Fitting, Straight ORFS/ORB	
15	1001279286	1	Fitting, Straight ORFS/ORB	
16	1001279290	1	Fitting, 90 ORFS/ORB	
17	1001279309	1	Fitting, Straight ORFS/ORB	
18	1001279337	1	Fitting, Straight ORFS/ORB	
19	1001279346	1	Valve	
21	1001280475	1	Fitting, Straight ORB/ORB	
22	1001280480	2	Washer	
23	1001279376	1	Fitting, Straight FSORFS/ORB	
24	1001280485	1	Fitting, Straight ORFS/ORB	
25	1001280486	1	Fitting, Straight ORFS/ORB	
26	1001280487	1	Fitting, Straight ORB/BARB	
27	1001280488	1	Fitting, 90 FSORFS/BARB	
28	1001280489	1	Fitting, 90 ORB/ORB	
29	1001280490	1	Stop, Throttle	
30	1001280491	2	Clamp	
31	1001280492	1	Fitting, Straight ORB/ORB	
32	1001280493	1	Fitting, Straight ORB/ORB	
33	1001280494	1	Fitting, Straight ORB/ORB	
34	1001280495	1	Pump, Electric	
35	1001283203	1	Hose	
36	1001303168	1	Fitting, 90	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-9. IMPLEMENT PUMP HYDRAULIC DIAGRAM



ART_1001280450

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-9. IMPLEMENT PUMP HYDRAULIC DIAGRAM

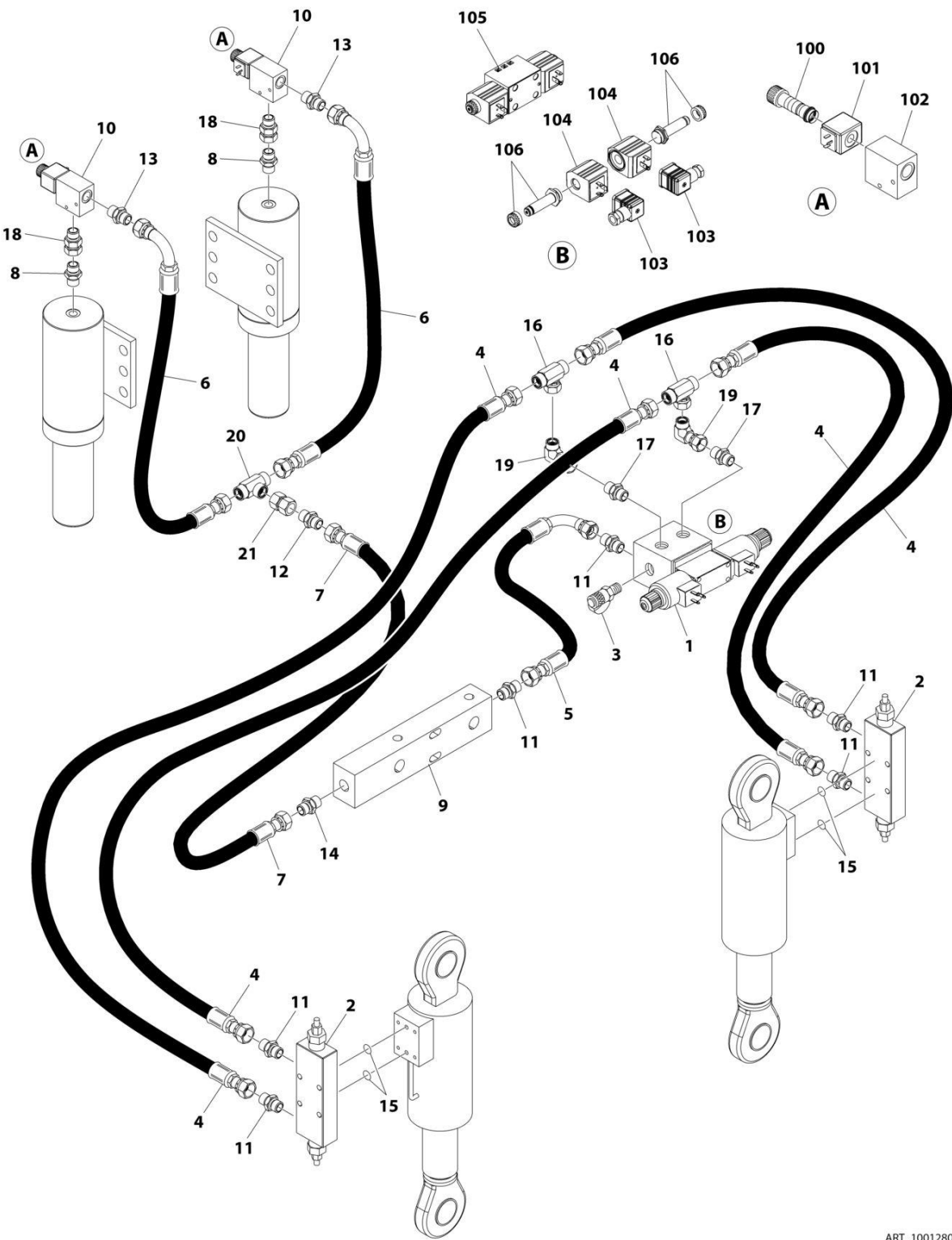
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280450	Ref	IMPLEMENT PUMP HYDRAULIC DIAGRAM	B
1	4032010	4	Capscrew M10 x 30	
2	1001274758	1	Valve	
3	1001275511	1	Hose	
4	1001275828	1	Filter, Hydraulic Oil	
5	1001275916	1	Pump, Implement	
6	1001275922	1	Hose	
7	1001275923	1	Hose	
8	1001276243	1	Hose	
9	1001276277	1	Hose	
10	1001276278	1	Hose	
11	1001276279	1	Hose	
12	1001276294	1	Hose	
13	1001276340	1	Elbow	
14	1001276476	1	Pipe	
15	1001276483	1	Pump, Hydraulic	
16	1001276508	1	Hose	
17	1001276509	1	Hose	
18	1001276910	1	Valve	
19	1001277166	1	Head, Oil Filter	
20	1001277235	1	Sensor, Oil Filter	
21	1001279098	3	Fitting, Straight ORFS/ORB	
22	1001279239	2	Fitting, Straight ORFS/ORB	
23	1001279257	1	Fitting, Straight ORB/ORB	
24	1001279271	1	Fitting, Straight ORFS/ORB	
25	1001279279	1	O-Ring	
26	1001279282	1	Fitting, Straight ORFS/ORB	
27	1001279283	2	Fitting, Straight ORB/ORB	
28	1001279285	1	Fitting, Straight ORFS/ORB	
29	1001279296	2	Washer	
30	1001279318	1	Fitting, Straight ORFS/ORB	
31	1001279321	1	Fitting, 90 FSORFS/ORFS	
32	1001279337	2	Fitting, Straight ORFS/ORB	
33	1001279340	1	Coupling	
34	1001279341	2	Coupling, Split	
35	1001279345	1	Fitting, Straight FSORFS/ORB	
36	1001279349	1	Fitting, Straight ORFS/ORB	
37	1001279350	1	Fitting, Straight ORFS/ORB	
38	1001280478	1	Elbow, Flanged M18	
39	1001280491	4	Clamp	
40	1001280511	2	Fitting, Straight ORB/ORB	
41	1001280512	1	Fitting, Tee ORFS/ORFS/FSORFS	
42	1001280513	1	Fitting, Straight ORB/ORFS	
43	1001280514	2	Fitting, Straight ORB/ORFS	
44	1001280515	1	Fitting, 90 FSORFS/BARB	
45	1001280516	1	Fitting, 90 ORB/BARB	
46	1001280517	1	Elbow, Flanged M22	
47	8640123	1	O-Ring	
48	1001280519	1	O-Ring	
49	1001280520	1	O-Ring	

SECTION 8 - HYDRAULIC CIRCUITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001280521	1	Hose	
51	1001283204	1	Hose	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-10. LEVELING CYLINDERS HYDRAULIC DIAGRAM



ART_1001280453

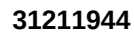
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-10. LEVELING CYLINDERS HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280453	Ref	LEVELING CYLINDERS HYDRAULIC DIAGRAM	E
1	1001274758	1	Valve (Includes Items 103-106)	
2	1001274774	2	Valve	
3	1001275007	1	Sensor	
4	1001276244	4	Hose	
5	1001276264	1	Hose	
6	1001276286	2	Hose	
7	1001276288	1	Hose	
8	1001279241	2	Fitting, Straight ORFS/ORB	
9	1001276560	1	Manifold	
10	1001276910	2	Valve (Includes Items 100-102)	
11	1001279240	6	Fitting, Straight ORFS/ORB 6-6	
11	1001299005	1	Fitting, Straight ORFS/ORB 8	
12	1001279244	1	Fitting, Straight FSORFS/ORB 6-6	
12	1001279102	1	Fitting, Straight ORFS/ORB 4-6	
13	1001279270	2	Fitting, Straight ORFS/ORB	
14	1001279271	1	Fitting, Straight ORFS/ORB	
15	1001279278	4	O-Ring	
16	1001279312	2	Fitting, Tee ORFS/FSORFS/ORFS	
17	1001280511	2	Fitting, Straight ORB/ORB	
18	1001279623	2	Fitting, Straight FSORFS/ORB	
19	1001279316	2	Fitting, 90 FSORFS/ORFS	
20	1001280525	1	Fitting, Tee ORFS/ORFS/ORFS	
21	1001280526	1	Fitting, Straight FSORFS/FSORFS	
100	1001277246	2	Valve	
101	1001277244	2	Coil	
102	1001276907	2	Manifold	
103	1001277242	2	Solenoid	
104	1001277243	2	Coil	
105	70030639	1	Valve	
106	70030640	2	Coil	

220

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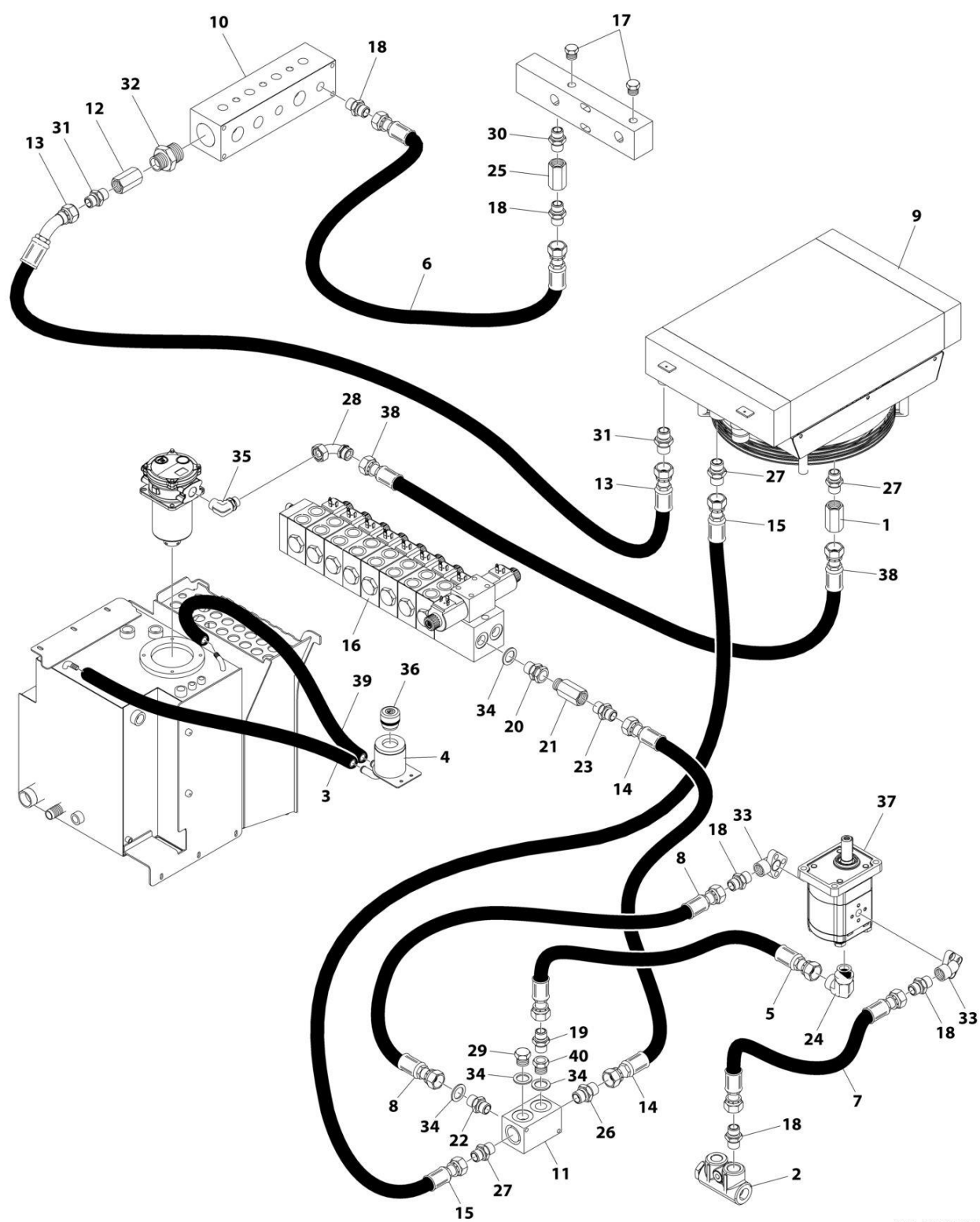
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-11. LIFT CYLINDER HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280454	Ref	LIFT CYLINDER HYDRAULIC DIAGRAM	B
1	4740571	2	Washer, Copper Crush	
2	1001274775	1	Valve	
3	1001275699	1	Valve	
4	1001275714	1	Locking Cylinder Assembly (Includes Items 3 and 5)	
5	1001275829	2	Pipe	
6	1001276245	2	Hose	
7	1001276282	1	Hose	
8	1001276303	2	Hose	
9	1001276338	1	Pipe	
10	1001276339	1	Pipe	
11	1001276496	1	Hose	
12	1001276498	1	Hose	
13	1001276499	1	Hose	
14	1001276501	3	Hose	
15	1001276503	2	Hose	
16	1001276899	1	Diaphragm	
17	1001276902	1	Valve	
18	1001277228	4	Sensor, Pressure	
19	1001279098	5	Fitting, Straight ORFS/ORB	
20	1001279104	1	Fitting, 90 ORFS/ORB	
21	1001279248	1	Fitting, Straight FORFS/ORB	
22	1001279256	1	Fitting, Straight FORFS/ORB	
23	1001279271	2	Fitting, Straight ORFS/ORB 8-6	
23	1001299002	2	Fitting, Straight ORFS/ORB 8	
24	1001279283	2	Fitting, Straight ORB/ORB	
25	1001279284	1	Fitting, 90 FSORFS/ORB	
26	1001279323	4	Fitting, Straight ORFS/ORB	
27	1001279379	1	Seal Kit	
28	1001280480	2	Washer	
29	1001280529	1	Bolt M10	
30	1001280531	2	Fitting, Tee FSORFS/FORFS/ORFS	
31	1001283234	1	Hose	
32	1001283286	2	Fitting, Straight ORFS/ORB	
33	1001283287	4	Fitting, Straight ORFS/ORB	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-12. OIL COOLER HYDRAULIC DIAGRAM



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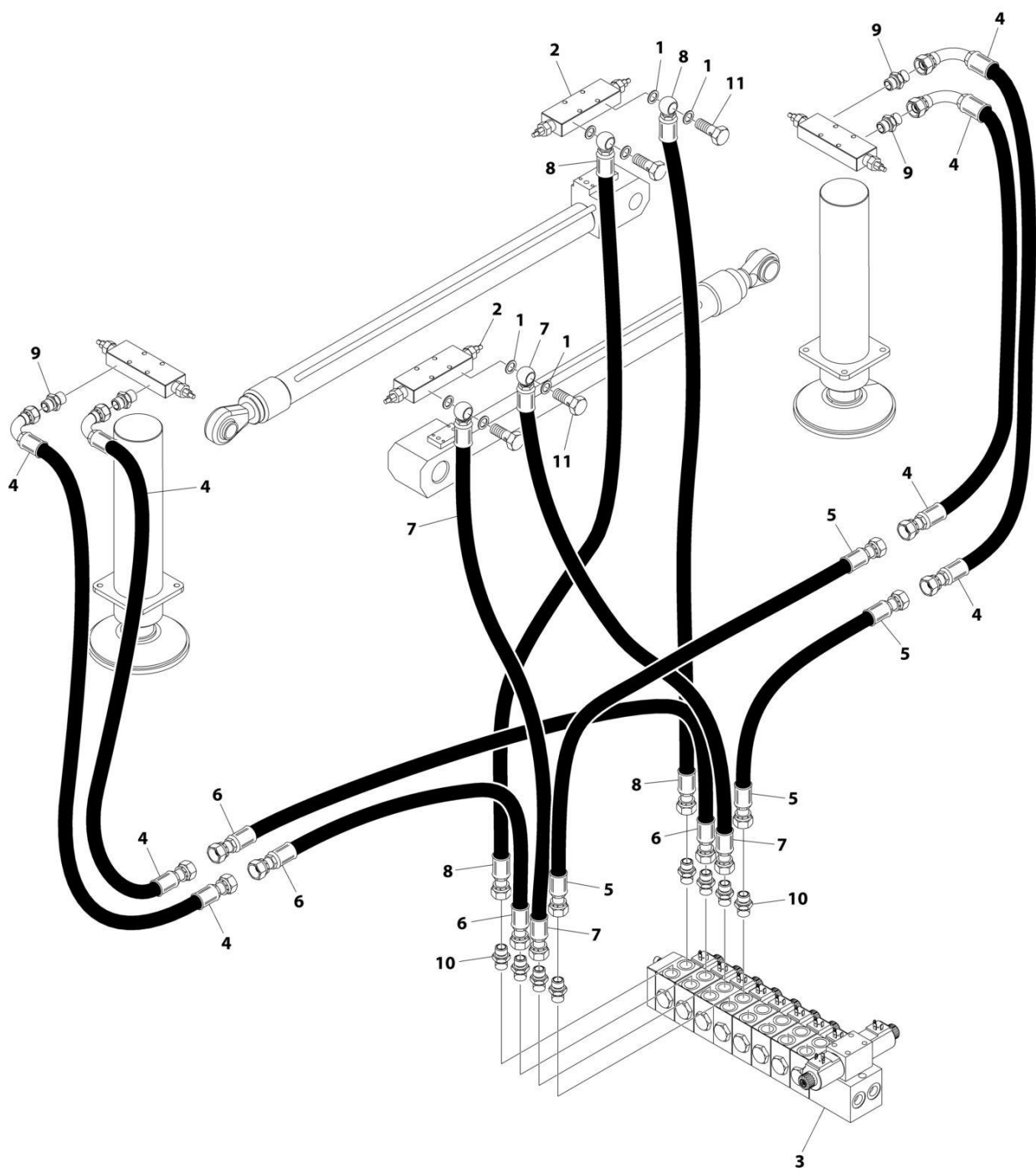
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-12. OIL COOLER HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280447	Ref	OIL COOLER HYDRAULIC DIAGRAM	B
1	1001274770	1	Valve	
2	1001274965	1	Valve	
3	1001275011	1	Hose	
4	1001275804	1	Breather, Hydraulic Tank	
5	1001276250	1	Hose	
6	1001276287	1	Hose	
7	1001276296	1	Hose	
8	1001276298	1	Hose	
9	1001276327	1	Oil Radiator Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
10	1001276334	1	Manifold	
11	1001276335	1	Manifold	
12	1001276485	1	Valve	
13	1001276506	1	Hose	
14	1001276507	1	Hose	
15	1001276510	1	Hose	
16	1001276901	1	Outrigger Valve Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS section)	
17	1001277528	2	Plug	
18	1001279098	5	Fitting, Straight ORFS/ORB	
19	1001279239	1	Fitting, Straight ORFS/ORB	
20	1001279244	1	Fitting, Straight FSORFS/ORB	
21	1001279253	1	Fitting, Straight FORFS/ORB	
22	1001279281	1	Fitting, Straight ORFS/ORB	
23	1001279283	1	Fitting, Straight ORB/ORB	
24	1001279290	1	Fitting, 90 ORFS/ORB	
25	1001279299	1	Valve	
26	1001279324	1	Fitting, Straight ORB/ORB	
27	1001279337	3	Fitting, Straight ORFS/ORB	
28	1001279344	1	Fitting, 90 FSORFS/ORB	
29	1001279358	1	Plug	
30	1001280475	1	Fitting, Straight ORB/ORB	
31	1001280476	2	Fitting, Straight ORFS/ORB	
32	1001280477	1	Fitting, Straight ORB/ORB	
33	1001280478	2	Elbow, Flanged M18	
34	1001280480	4	Washer	
35	1001280481	1	Fitting, 90 ORB/FSORFS	
36	1001280582	1	Cap, Breather	
37	1001283199	1	Pump, Implement	
38	1001283200	1	Hose	
39	1001283201	1	Hose	
40	1001294738	1	Fitting, Straight	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-13. REAR OUTRIGGERS HYDRAULIC DIAGRAM



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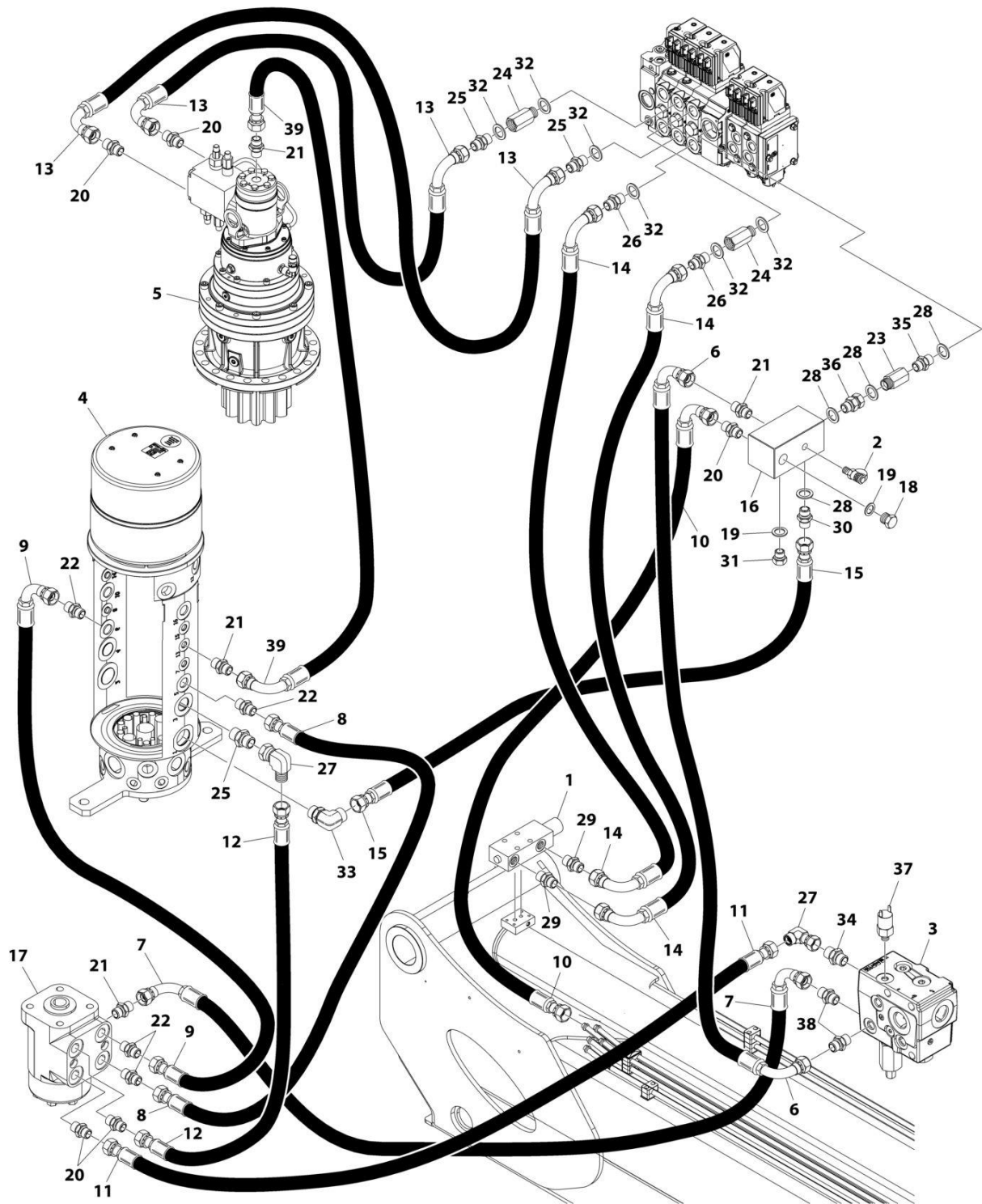
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-13. REAR OUTRIGGERS HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280452	Ref	REAR OUTRIGGERS HYDRAULIC DIAGRAM	B
1	1001102933	8	Seal, Copper	
2	1001274774	2	Valve	
3	1001276901	1	Outrigger Valve Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS section)	
4	1001276257	4	Hose	
5	1001276262	2	Hose	
6	1001276263	2	Hose	
7	1001276271	2	Hose	
8	1001276272	2	Hose	
9	1001279240	4	Fitting, Straight ORFS/ORB	
10	1001279246	8	Fitting, Straight ORFS/ORB	
11	1001279262	4	Bolt, Banjo M10	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-14. SWING HYDRAULIC DIAGRAM



ART_1001280455

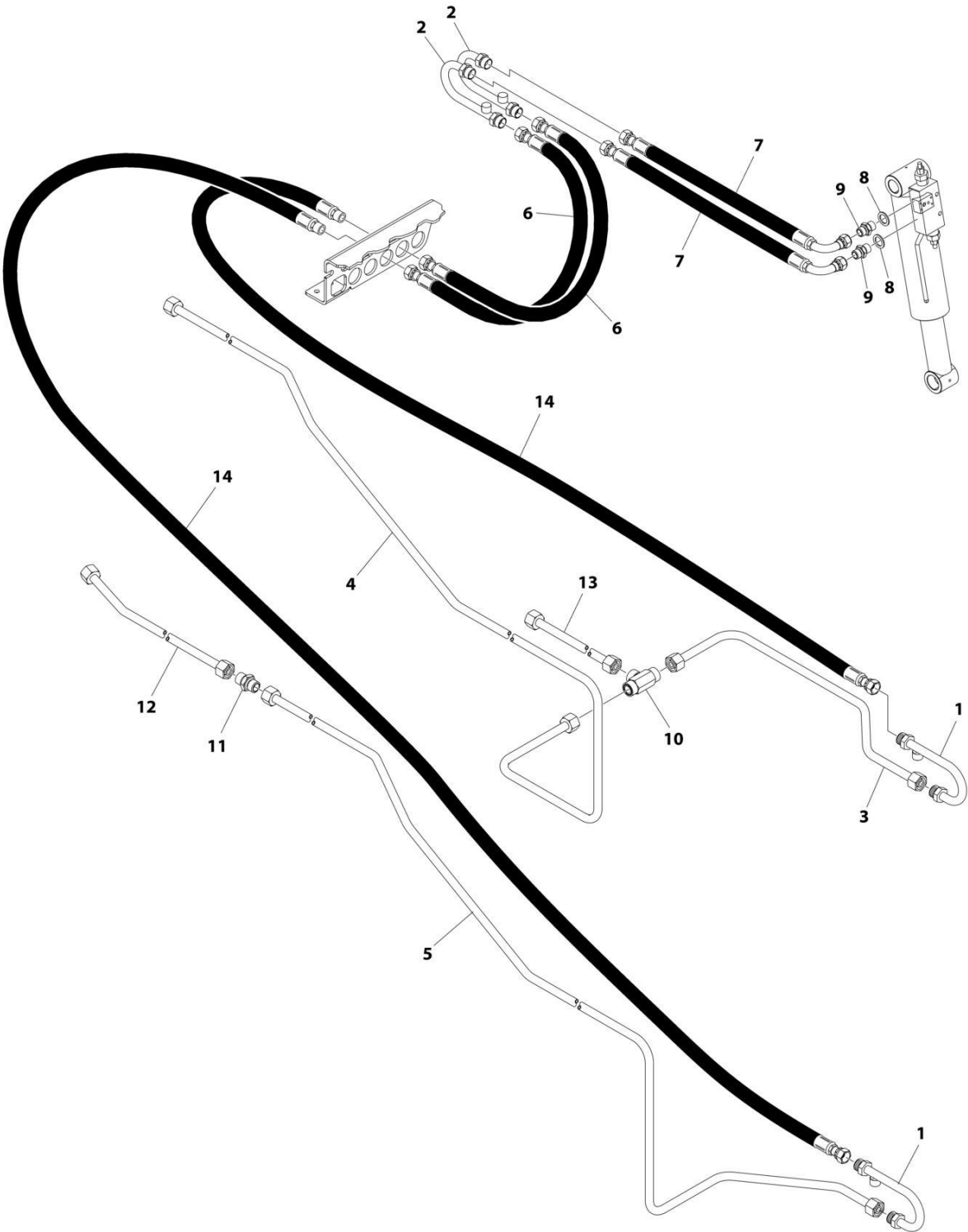
SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-14. SWING HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280455	Ref	SWING HYDRAULIC DIAGRAM	B
1	1001274975	1	Valve	
2	1001275007	1	Sensor	
3	1001275898	1	Valve	
4	1001275912	1	Rotary Coupling Assembly	
5	1001275975	1	Swing Drive Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
6	1001276247	1	Hose	
7	1001276249	1	Hose	
8	1001276275	1	Hose	
9	1001276276	1	Hose	
10	1001276289	1	Hose	
11	1001276295	1	Hose	
12	1001276301	1	Hose	
13	1001276500	2	Hose	
14	1001276504	2	Hose	
15	1001276517	1	Hose	
16	1001276562	1	Manifold	
17	1001277250	1	Valve	
18	1001277528	1	Plug	
19	1001278186	2	Washer	
20	1001279098	5	Fitting, Straight ORFS/ORB	
21	1001279239	4	Fitting, Straight ORFS/ORB	
22	1001279246	4	Fitting, Straight ORFS/ORB 4-6	
22	1001299004	4	Fitting, Straight ORFS/ORB 8	
23	1001279254	1	Fitting, Straight FORFS/ORB	
24	1001279256	2	Fitting, Straight FORFS/ORB	
25	1001279281	3	Fitting, Straight ORFS/ORB	
26	1001279283	2	Fitting, Straight ORB/ORB	
27	1001279284	2	Fitting, 90 FSORFS/ORB	
28	1001279297	4	Washer	
29	1001279323	2	Fitting, Straight ORFS/ORB	
30	1001279337	1	Fitting, Straight ORFS/ORB	
31	1001279358	1	Plug	
32	1001280480	6	Washer	
33	1001280489	1	Fitting, 90 ORB/ORB	
34	1001280532	1	Fitting, Straight ORFS/ORB	
35	1001280533	1	Fitting, Straight ORFS/ORB	
36	1001280535	1	Fitting, Straight FSORFS/ORB	
37	1001280537	1	Sensor, Pressure	
38	1001280538	2	Fitting, Straight ORFS/ORB	
39	1001283236	1	Hose	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-15. TILT CYLINDER HYDRAULIC DIAGRAM



ART_1001282382

SECTION 8 - HYDRAULIC CIRCUITS

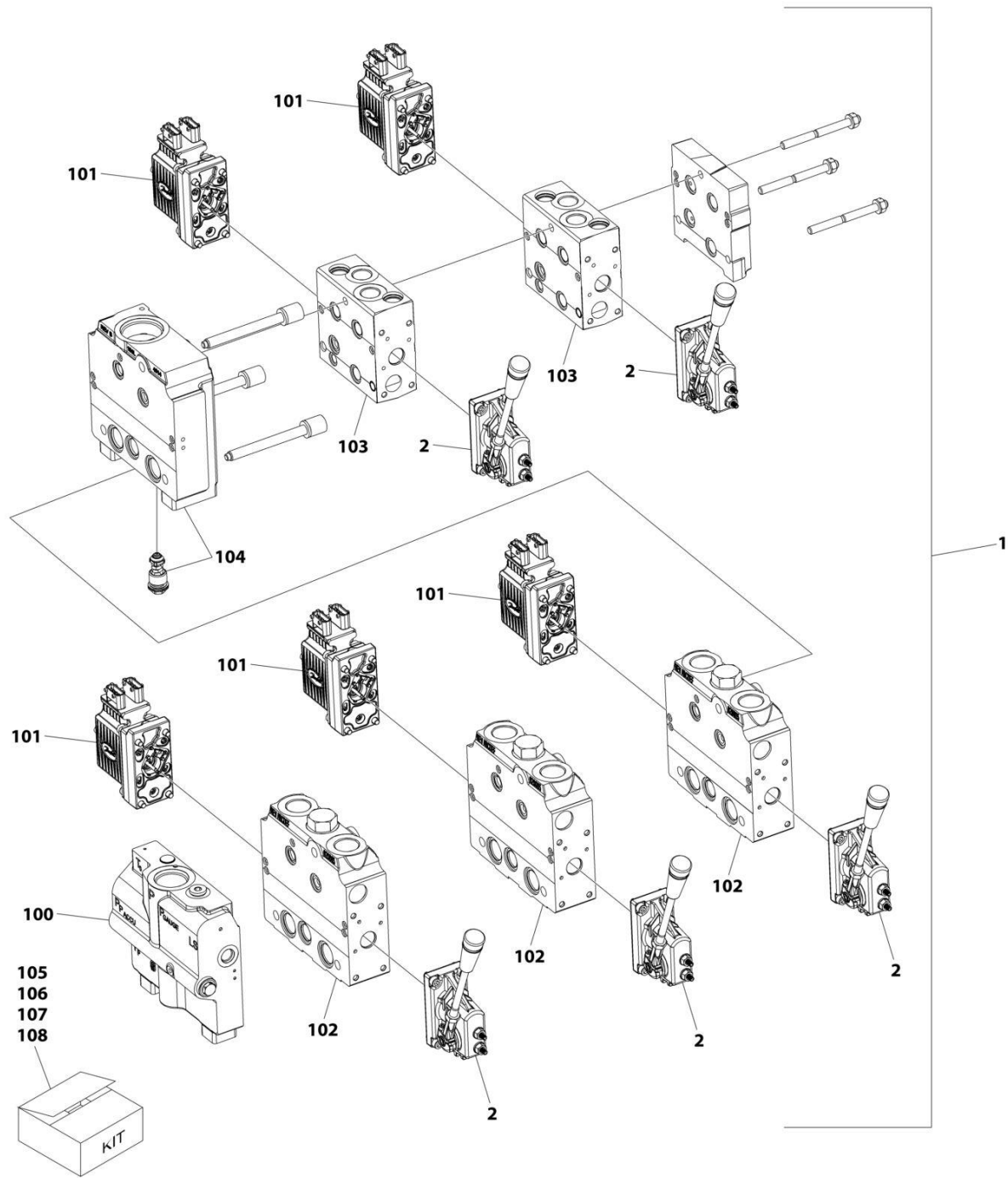
FIGURE 8-15. TILT CYLINDER HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282382	Ref	TILT CYLINDER HYDRAULIC DIAGRAM	A
1	1001275031	2	Pipe	
2	1001275032	2	Pipe	
3	1001276835	1	Pipe	
4	1001276836	1	Pipe	
5	1001276837	1	Pipe	
6	1001276850	2	Hose	
7	1001276852	2	Hose	
8	1001278186	2	Washer	
9	1001279323	2	Fitting, Straight ORFS/ORB	
10	1001281246	1	Fitting, Tee	
11	1001281247	1	Fitting, Straight ORFS/ORFS	
12	1001282370	1	Pipe	
13	1001282371	1	Pipe	
14	1001282372	2	Hose	

SECTION 9 - HYDRAULIC COMPONENTS

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. HYDRAULIC DISTRIBUTOR ASSEMBLY



ART_1001280457

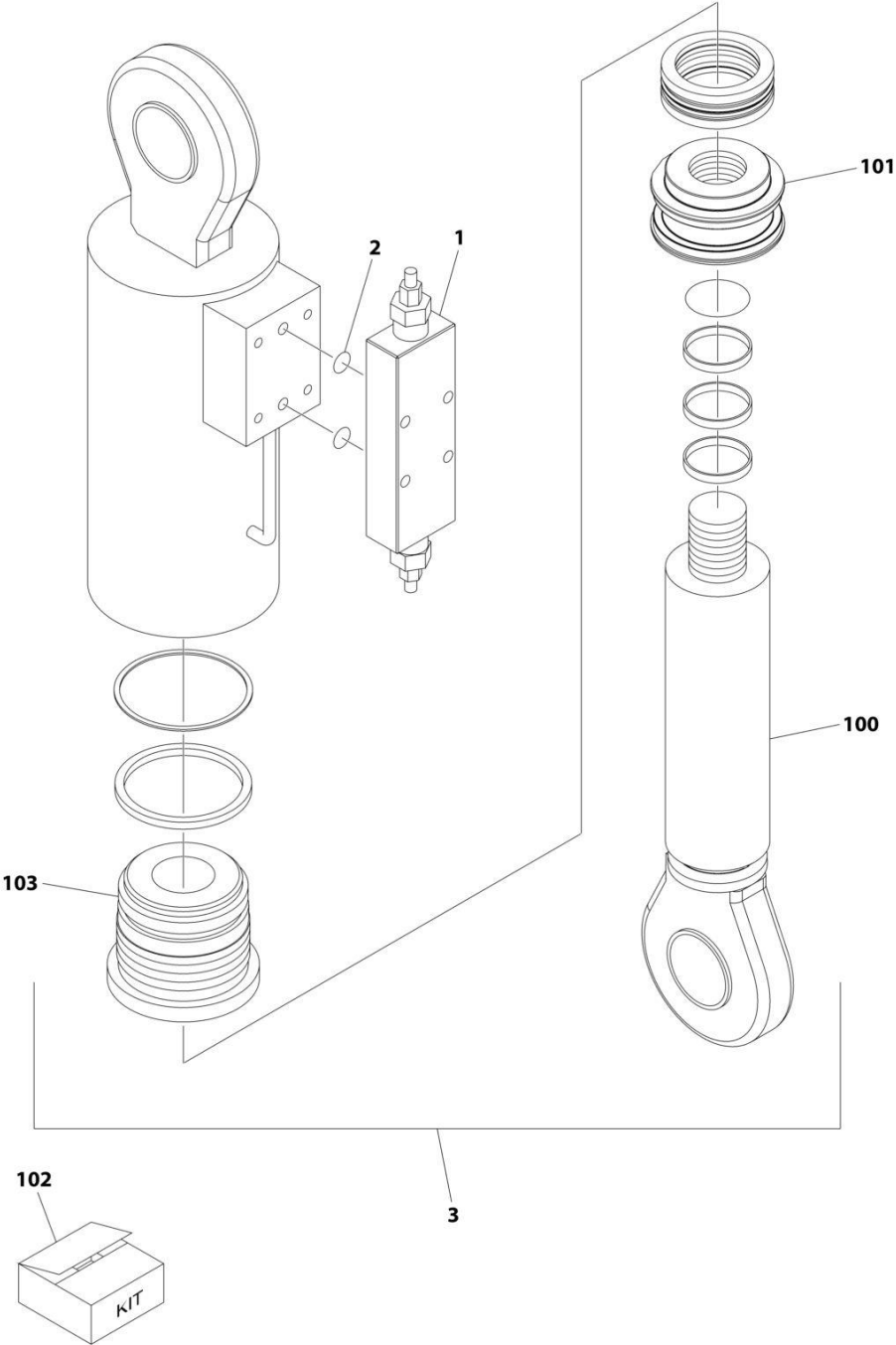
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. HYDRAULIC DISTRIBUTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280457	Ref	HYDRAULIC DISTRIBUTOR ASSEMBLY	A
1	1001275909	1	Valve Assembly (Includes Items 100-104)	
2	1001280461	5	Lever Kit	
100	70030538	1	Module, End	
101	70030543	5	Solenoid	
102	70030539	3	Module, Complete	
103	70030541	2	Module, Complete	
104	70030540	1	Module, Interface	
105	70030923	3	Seal Kit (Use with Item 102 Module)	
106	70030924	5	Seal Kit (Use with Item 2 Lever)	
107	70030925	5	Seal Kit (Use with Item 101 Solenoid)	
108	70030926	2	Seal Kit (Use with Item 103 Module)	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-2. LEVELING CYLINDER ASSEMBLY



ART_1001280462

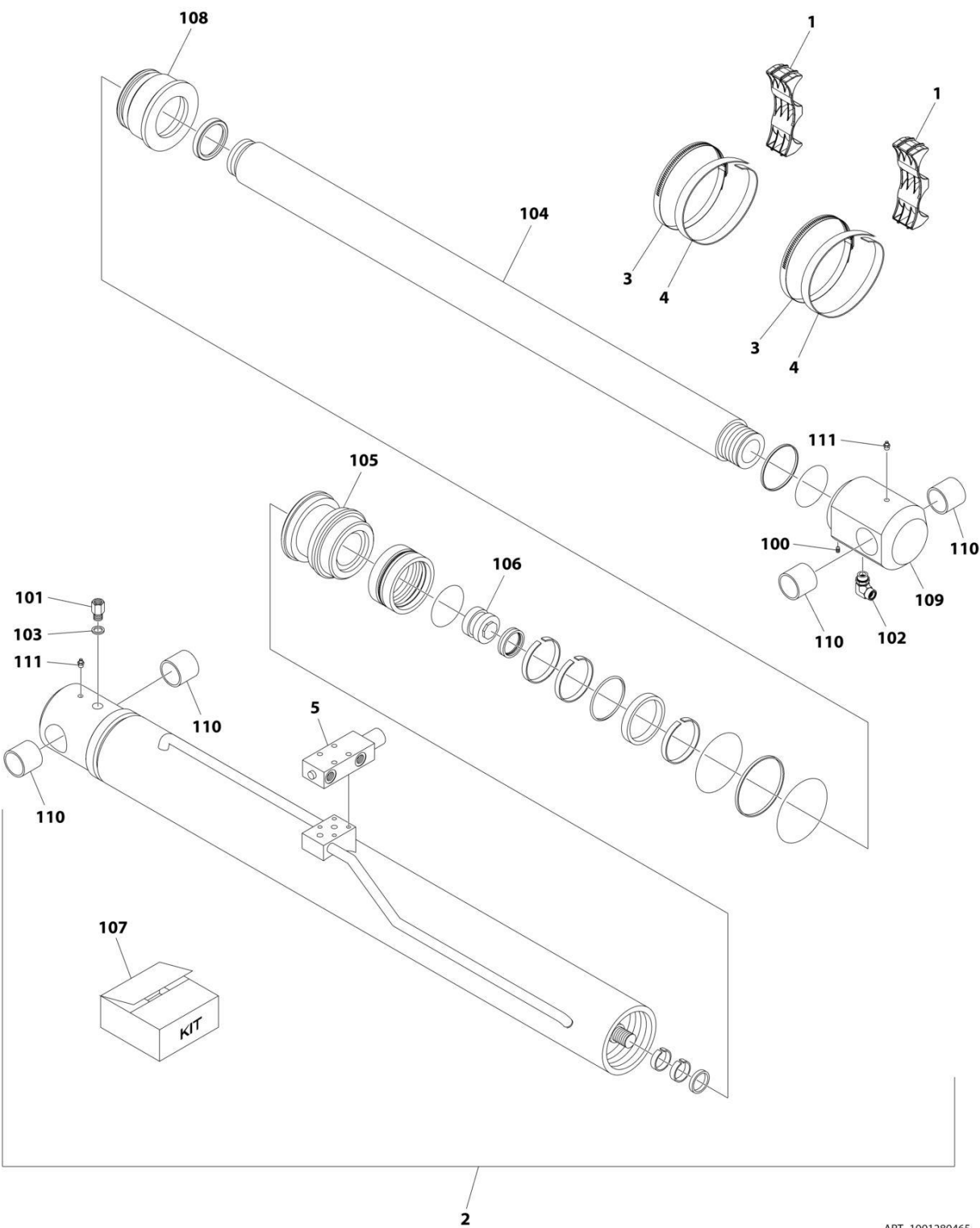
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-2. LEVELING CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280462	Ref	LEVELING CYLINDER ASSEMBLY	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	1001274774	1	Valve	
2	1001279278	2	O-Ring	
3	1001280463	1	Leveling Cylinder Assembly (Includes Items 100, 101 & 103)	
100	70030770	1	Rod	
101	70030771	1	Piston	
102	70030772	1	Seal Kit	
103	70030773	1	Head	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-3. LIFT CYLINDER ASSEMBLY



ART_1001280465

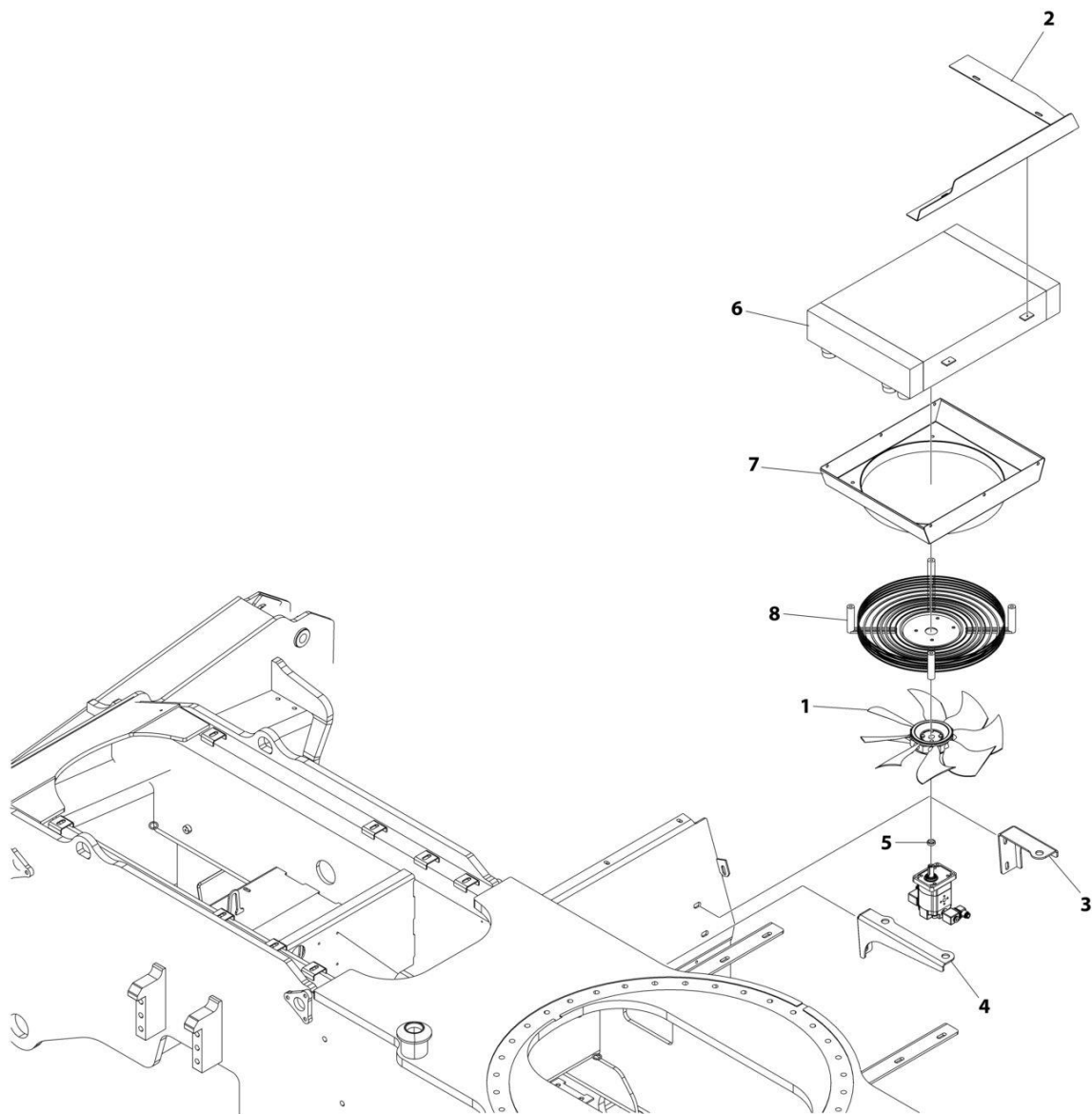
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-3. LIFT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280465	Ref	LIFT CYLINDER ASSEMBLY	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	1001276407	2	Bumper	
2	1001277012	1	Lift Cylinder Assembly (Includes Items 100-106 & 108-111)	
3	1001280466	2	Clamp	
4	1001280470	2	Guard	
5	1001274775	1	Valve	
100	70030579	1	Plug	
101	1001279248	1	Fitting Straight FORFS/ORB	
102	70030779	1	Fitting 90	
103	1001278186	1	Washer	
104	70030780	1	Rod	
105	70030781	1	Piston, External	
106	70030782	1	Piston, Internal	
107	70030783	1	Seal Kit	
108	70030784	1	Head	
109	70030785	1	Coupling, Rod	
110	70030786	4	Bushing	
111	1001276078	2	Fitting, Grease	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-4. OIL RADIATOR ASSEMBLY



ART_1001276327

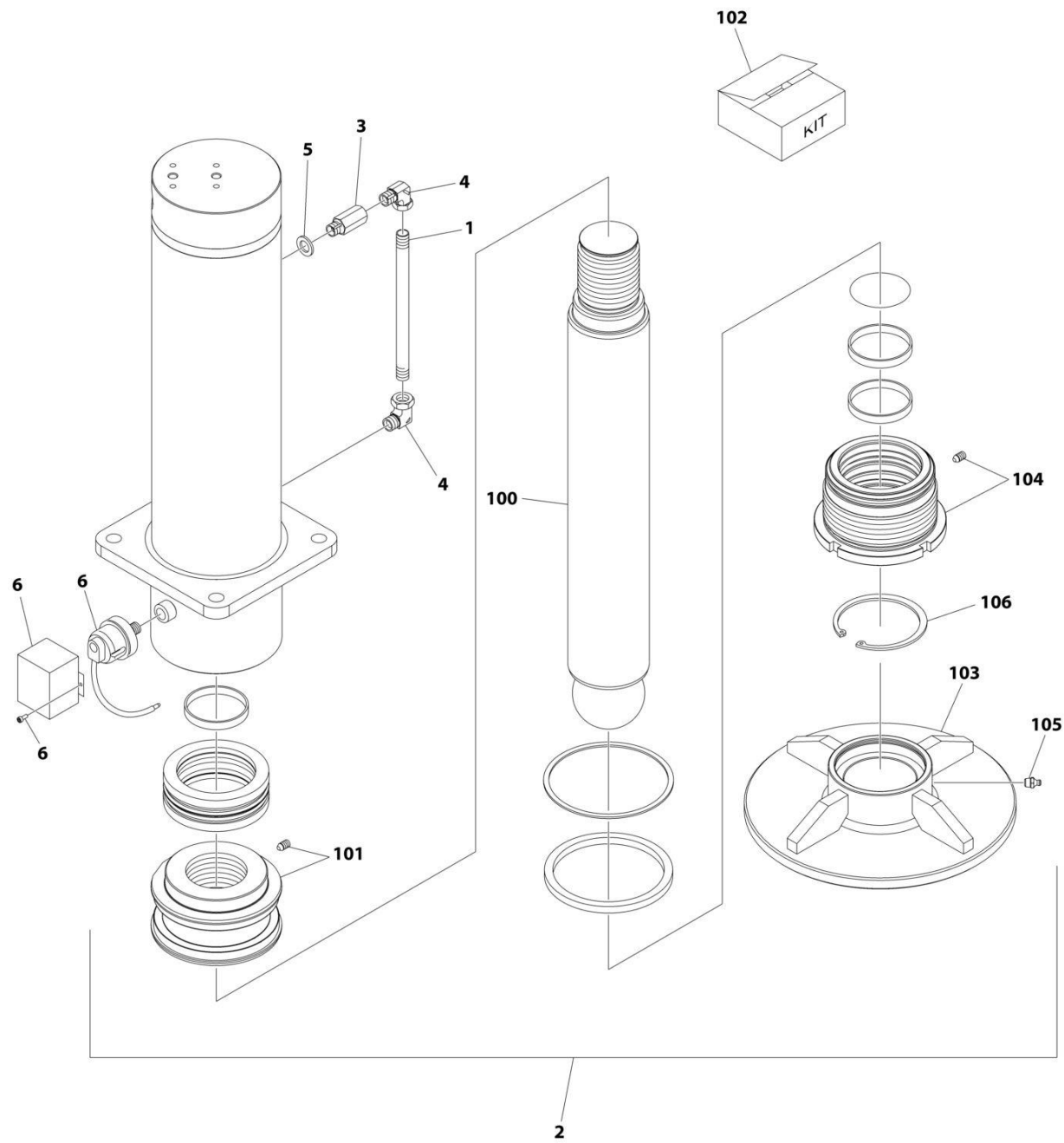
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-4. OIL RADIATOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276327	Ref	OIL RADIATOR ASSEMBLY	A
1	1001275983	1	Fan	
2	1001276104	1	Bracket	
3	1001276105	1	Bracket	
4	1001276106	1	Bracket	
5	1001276564	1	Spacer	
6	1001277002	1	Radiator, Oil	
7	1001280550	1	Shroud	
8	1001283202	1	Guard, Fan	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-5. OUTRIGGER CYLINDER ASSEMBLY



ART_1001278637

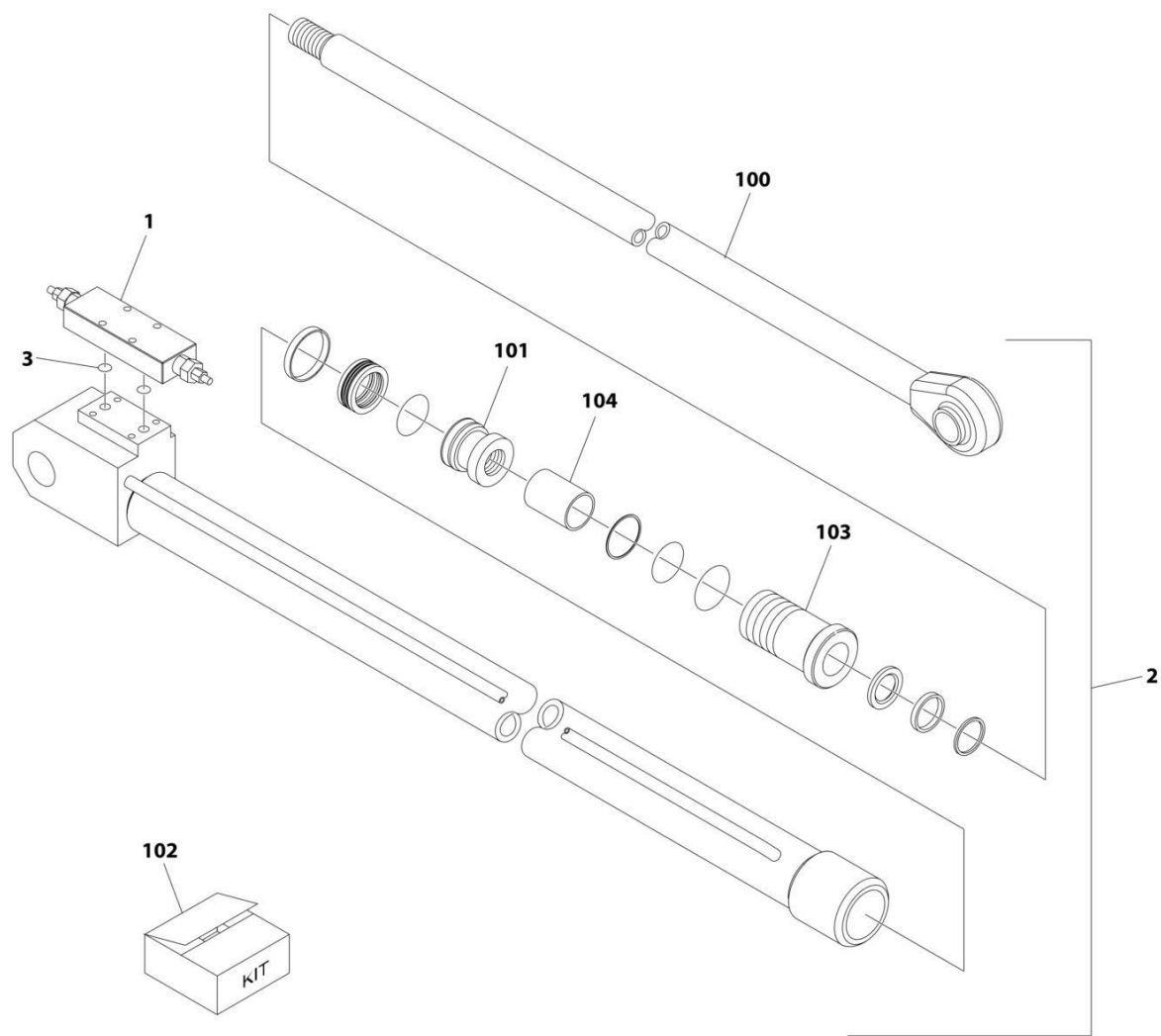
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-5. OUTRIGGER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278637	Ref	OUTRIGGER CYLINDER ASSEMBLY	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	1001275030	1	Pipe	
2	1001275717	1	Outrigger Cylinder Assembly (Includes Items 100, 101 & 103-106)	B
3	1001278499	1	Fitting Straight ORFS/ORB	
4	1001278500	2	Fitting 90 ORFS/ORB	
5	1001279105	1	Washer	
6	1001282534	1	Sensor Assembly	B
6	SEE NOTE	1	Sensor (Note: Not Sold Separately, Purchase PN 1001282534)	
6	1001275297	1	Cover	
6	4031505	2	Capscrew M4 x 10	
100	70030642	1	Rod	
101	70030643	1	Piston (Includes Set Screw)	
102	70030644	1	Seal Kit	
103	1001276912	1	Pedestal (Includes Items 105 and 106)	
104	70030645	1	Head (Includes Set Screw)	
105	1001276078	1	Fitting, Grease	
106	70030646	1	Ring, Snap	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-6. OUTRIGGER EXTENSION CYLINDER ASSEMBLY



ART_1001280464

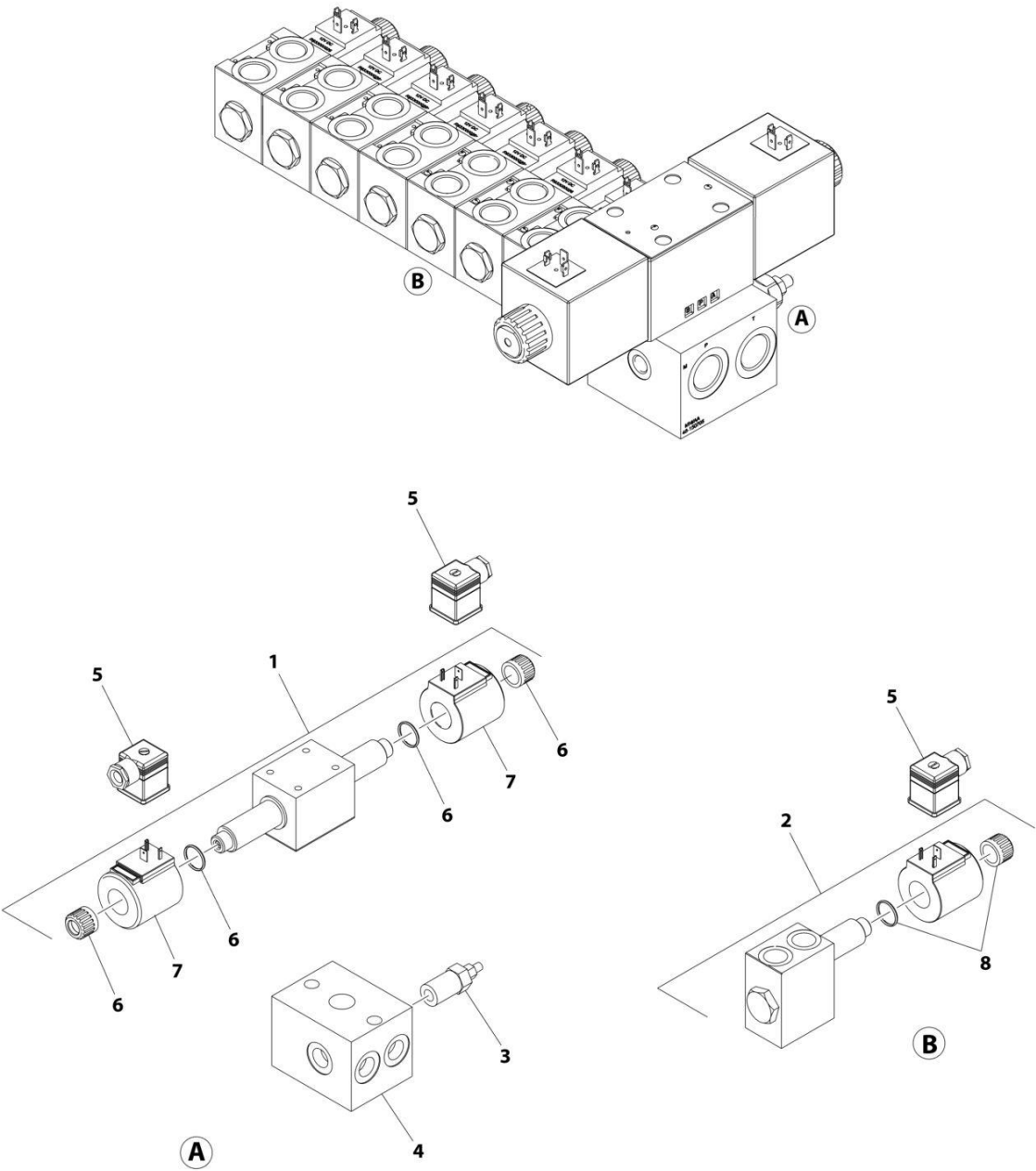
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-6. OUTRIGGER EXTENSION CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280464	Ref	OUTRIGGER EXTENSION CYLINDER ASSEMBLY	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	1001274774	1	Valve	
2	1001276405	1	Outrigger Extension Cylinder Assembly (Includes Items 100, 101, 103 & 104)	
3	1001279278	2	O-Ring	
100	70030774	1	Rod	
101	70030775	1	Piston	
102	70030776	1	Seal Kit	
103	70030777	1	Head	
104	70030778	1	Spacer	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-7. OUTRIGGER VALVE ASSEMBLY



ART_1001276901

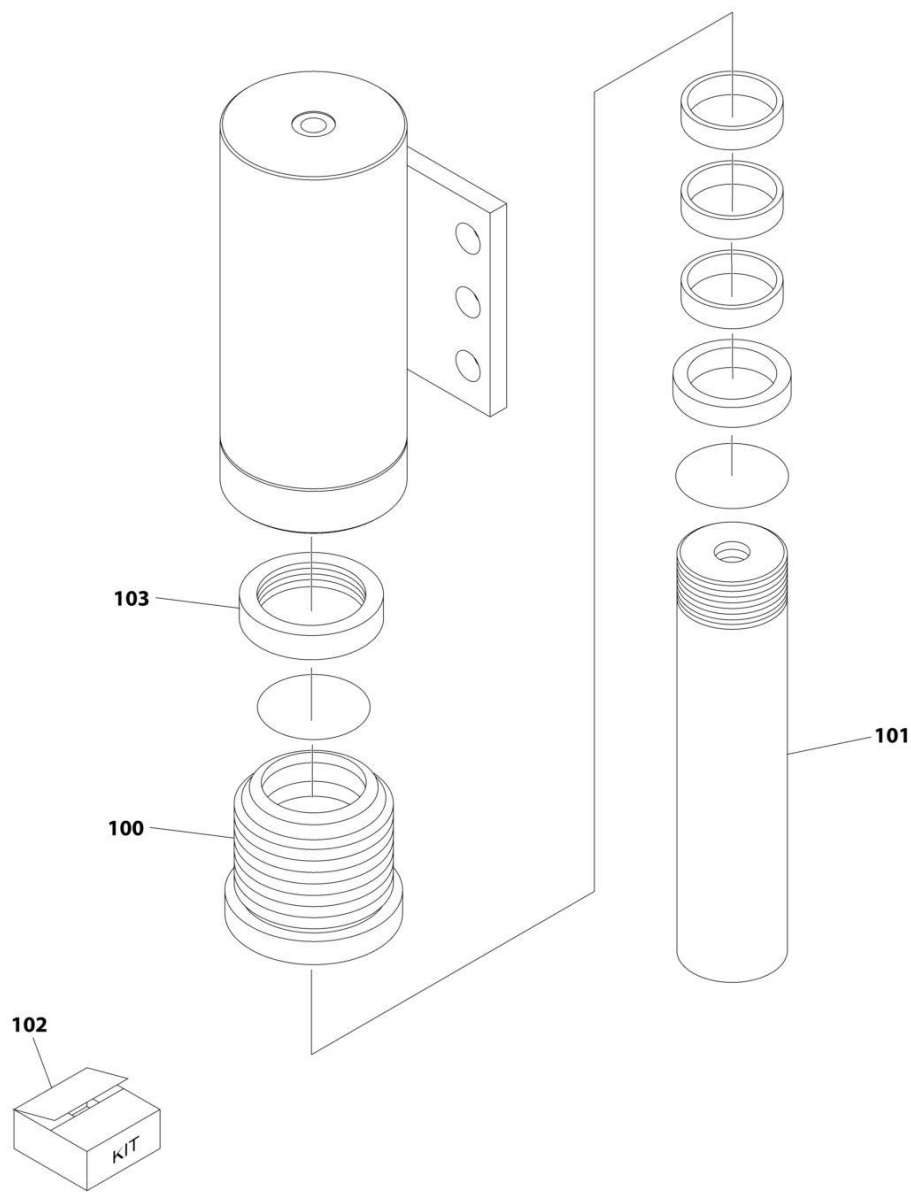
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-7. OUTRIGGER VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276901	Ref	OUTRIGGER VALVE ASSEMBLY	A
1	1001277238	1	Valve	
2	1001277239	8	Valve	
3	1001277240	1	Valve, Pressure Relief	
4	1001277241	1	Valve, Manifold	
5	1001277242	10	Solenoid	
6	70030568	2	Cap Kit (Includes O-Ring)	
7	70030573	2	Coil	
8	70030571	8	Cap Kit (Includes O-Ring)	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-8. REAR OSCILLATION CYLINDER ASSEMBLY



ART_1001283263

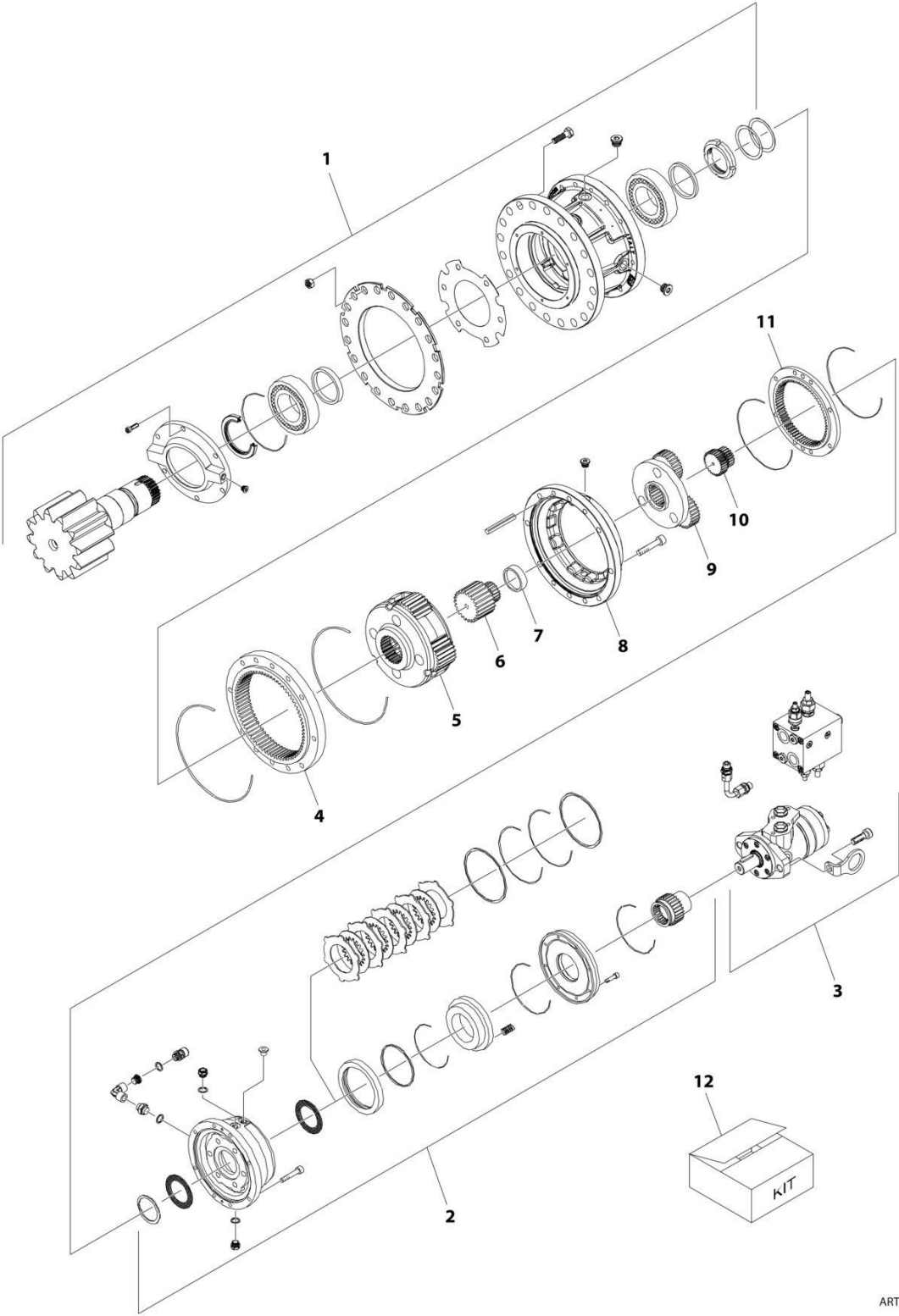
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-8. REAR OSCILLATION CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283263	Ref	REAR OSCILLATION CYLINDER ASSEMBLY	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
100	70030789	1	Head	
101	70030790	1	Rod	
102	70030791	1	Seal Kit	
103	70030792	1	Piston	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-9. SWING DRIVE ASSEMBLY



ART_1001275975

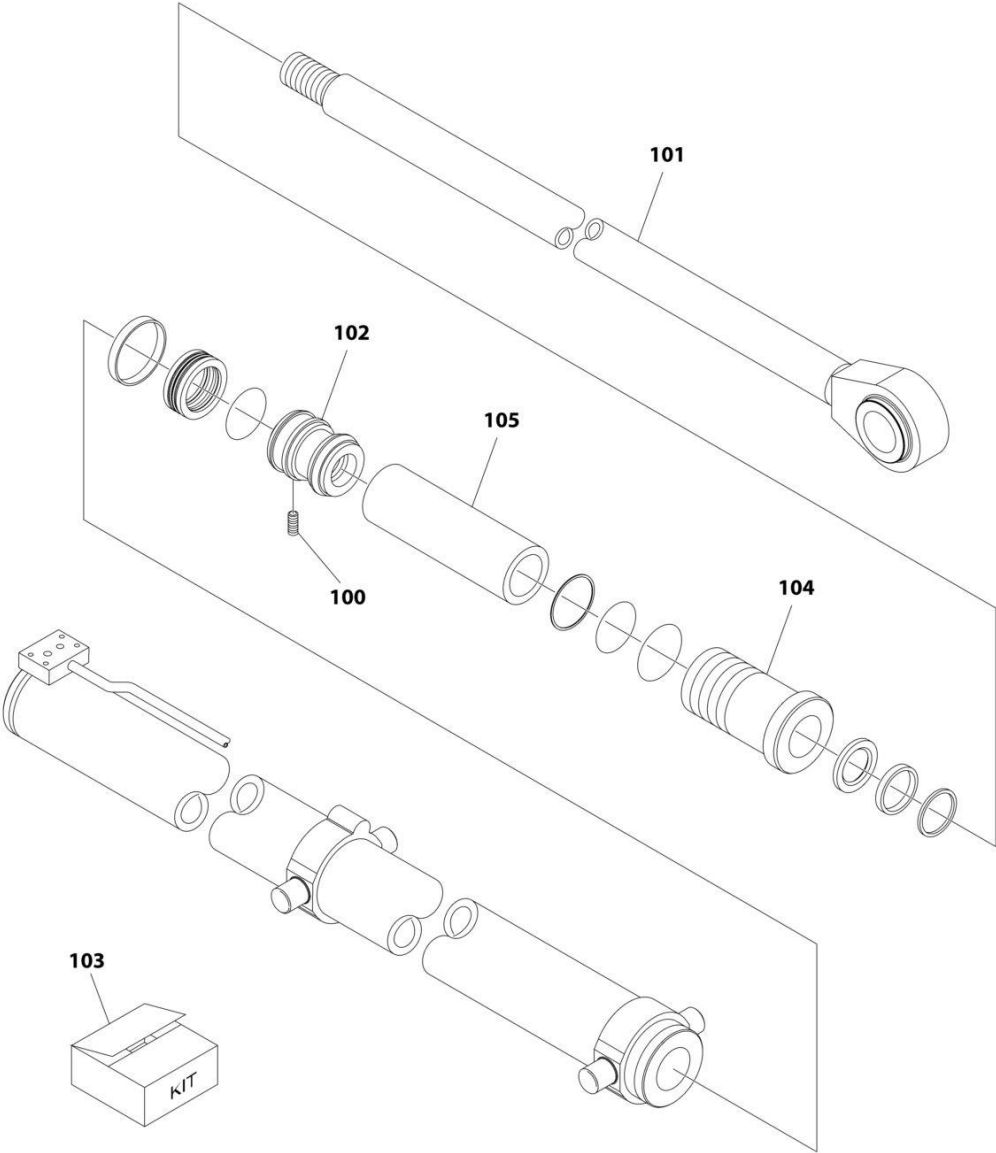
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-9. SWING DRIVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275975	Ref	SWING DRIVE ASSEMBLY	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing	
1		Ref	Output Kit	
2		Ref	Clutch Kit	
3		Ref	Motor Kit	
4	70030813	1	Gear, Ring	
5	70030814	1	Gear Set	
6	70030815	1	Gear, Pinion	
7	70030816	1	Spacer	
8	70030818	1	Spacer	
9	70030821	1	Gear Set	
10	70030822	1	Gear, Pinion	
11	70030824	1	Gear, Ring	
12		Ref	Seal Kit	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-10. TELESCOPE CYLINDER ASSEMBLY



ART_1001276841

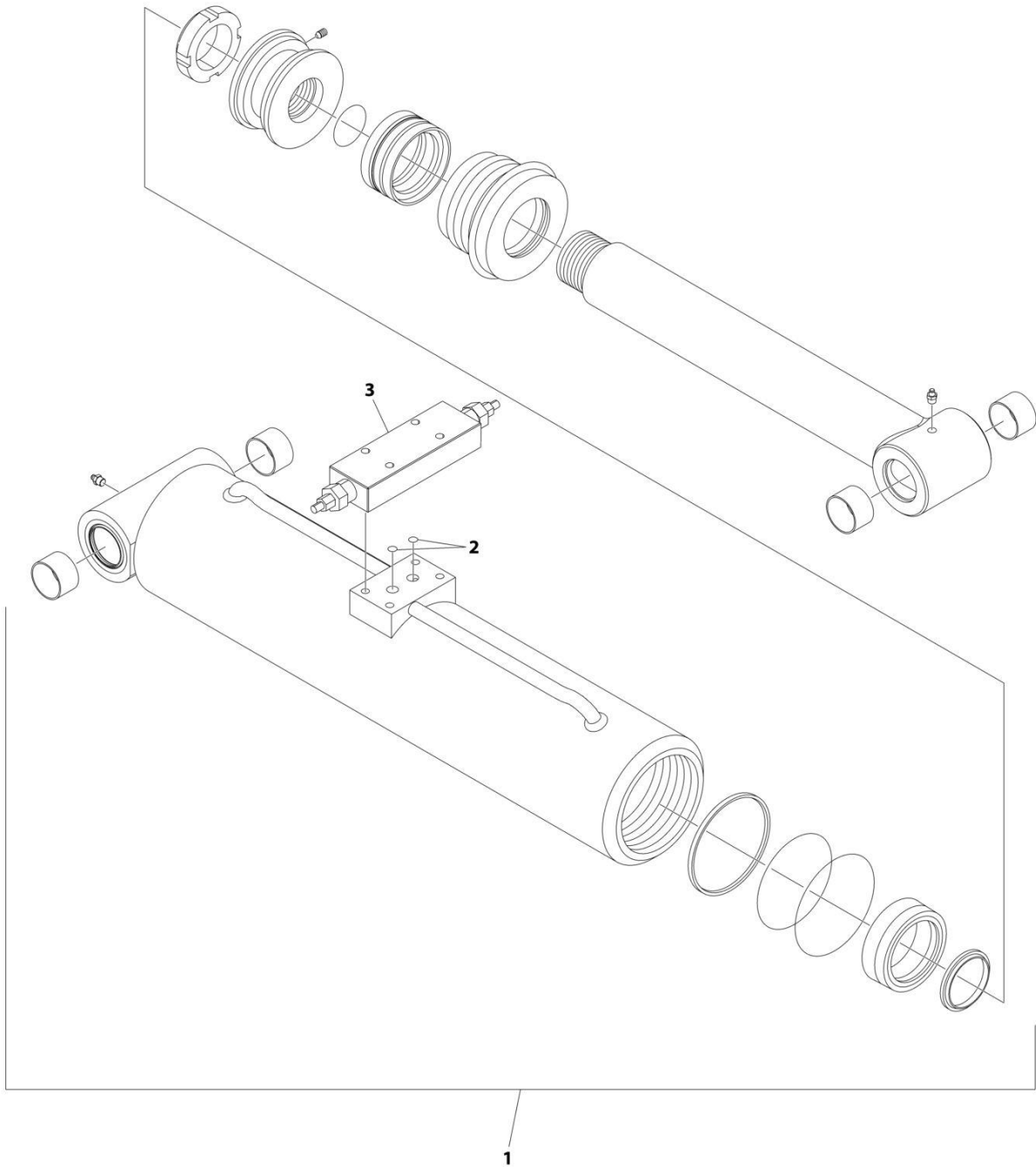
SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-10. TELESCOPE CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276841	Ref	TELESCOPE CYLINDER ASSEMBLY	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
	See Note	Ref	Note: No Service Parts Available at Time of Printing	
100	70030648	1	Setscrew	
101		Ref	Rod	
102		Ref	Piston	
103		Ref	Seal Kit	
104		Ref	Head	
105		Ref	Spacer	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-11. TILT CYLINDER ASSEMBLY



ART_1001280469

SECTION 9 - HYDRAULIC COMPONENTS

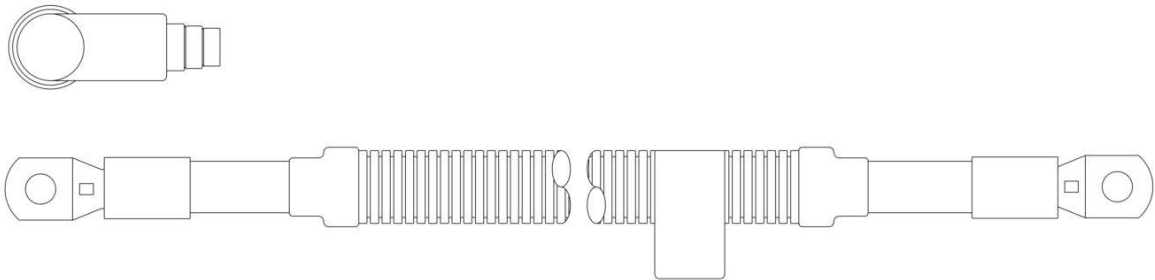
FIGURE 9-11. TILT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280469	Ref	TILT CYLINDER ASSEMBLY	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	
1	1001276976	1	Tilt Cylinder Assembly	
2	1001279278	2	O-Ring	
3	1001274776	1	Valve	

SECTION 10 - ELECTRICAL

SECTION 10 - ELECTRICAL

FIGURE 10-1. ALTERNATOR CABLE



ART_1001282477

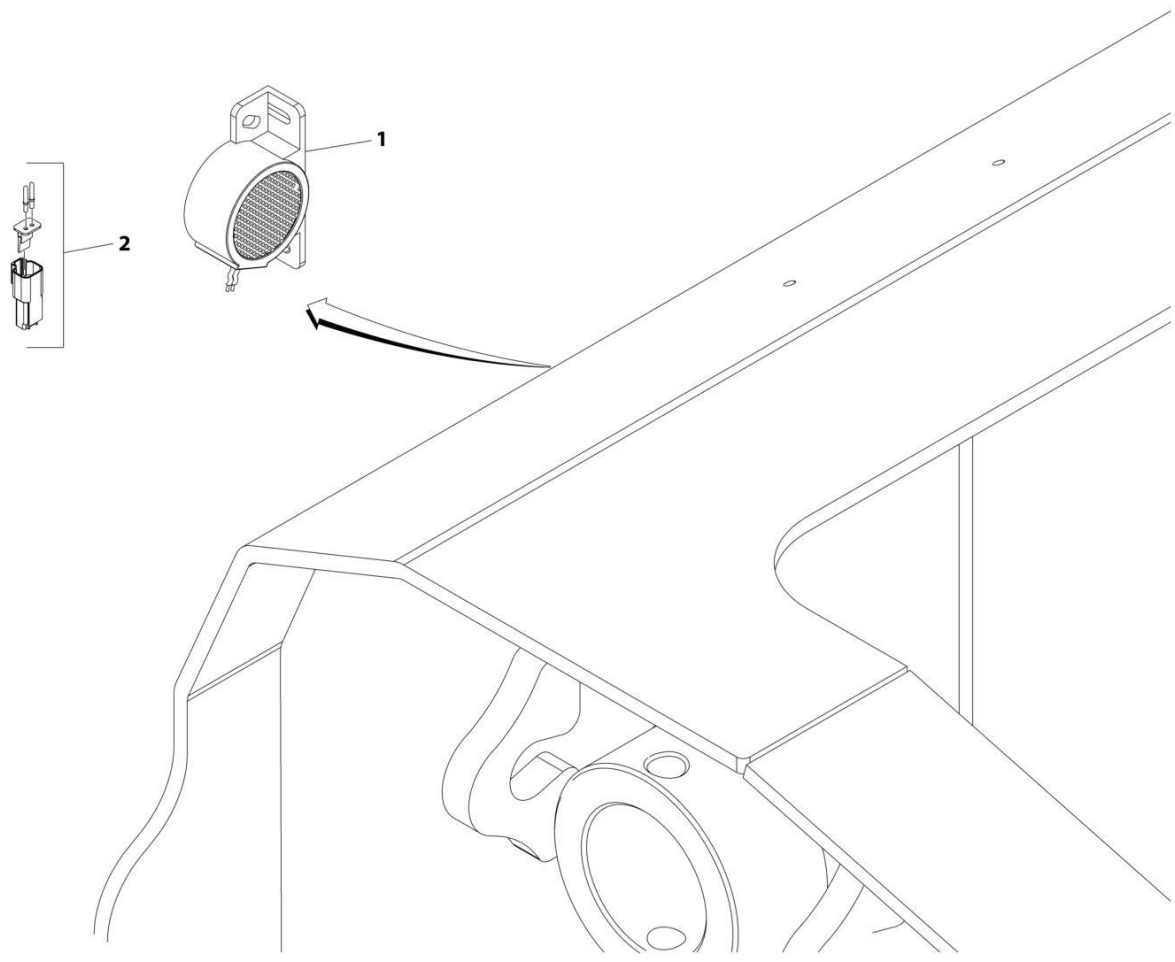
SECTION 10 - ELECTRICAL

FIGURE 10-1. ALTERNATOR CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282477	Ref	ALTERNATOR CABLE	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-2. BACKUP ALARM INSTALLATION



ART_1001275764

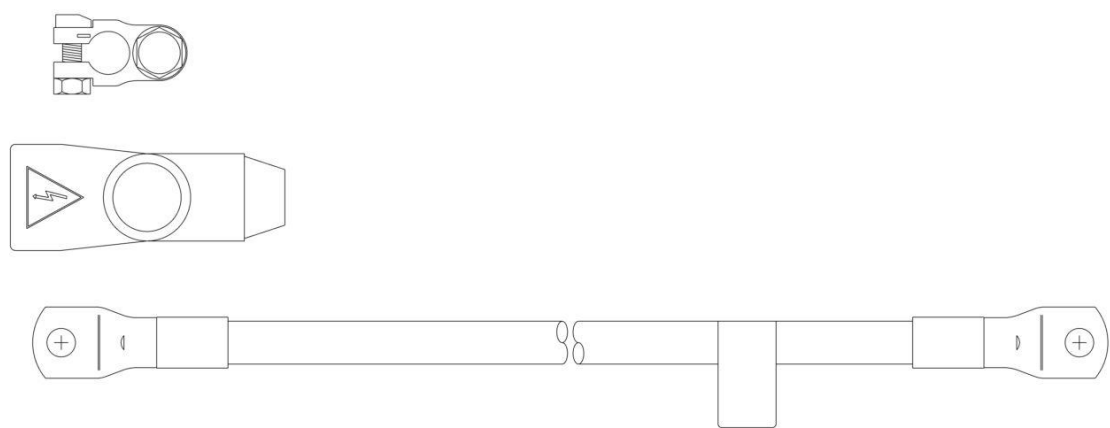
SECTION 10 - ELECTRICAL

FIGURE 10-2. BACKUP ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275764	Ref	BACKUP ALARM INSTALLATION	C
1	1001278635	1	Alarm	
2	1001279118	2	Connector	

SECTION 10 - ELECTRICAL

FIGURE 10-3. BATTERY DISCONNECT CABLE



ART_1001282471

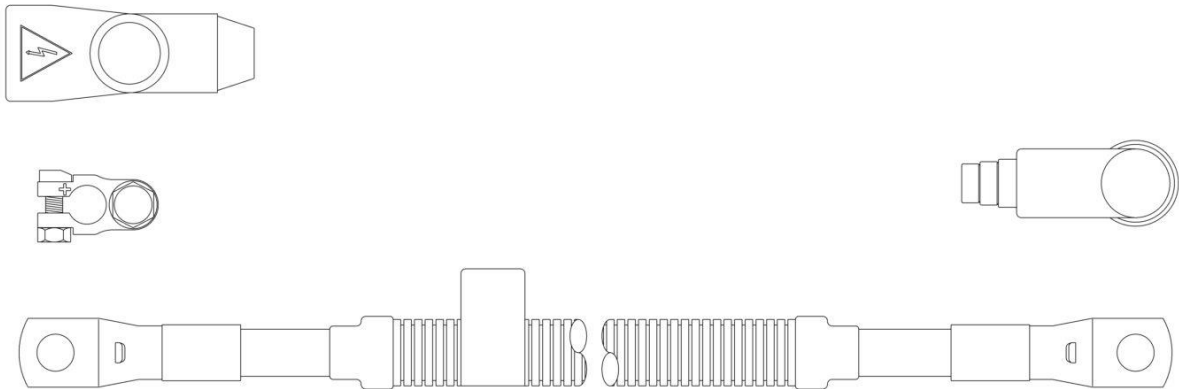
SECTION 10 - ELECTRICAL

FIGURE 10-3. BATTERY DISCONNECT CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282471	Ref	BATTERY DISCONNECT CABLE	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-4. BATTERY POSITIVE CABLE



ART_1001282472

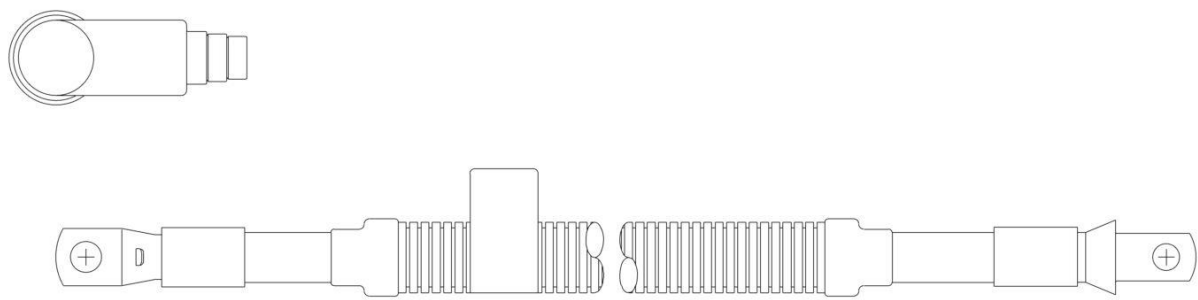
SECTION 10 - ELECTRICAL

FIGURE 10-4. BATTERY POSITIVE CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282472	Ref	BATTERY POSITIVE CABLE	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-5. BATTERY TO RELAY CABLE



ART_1001282480

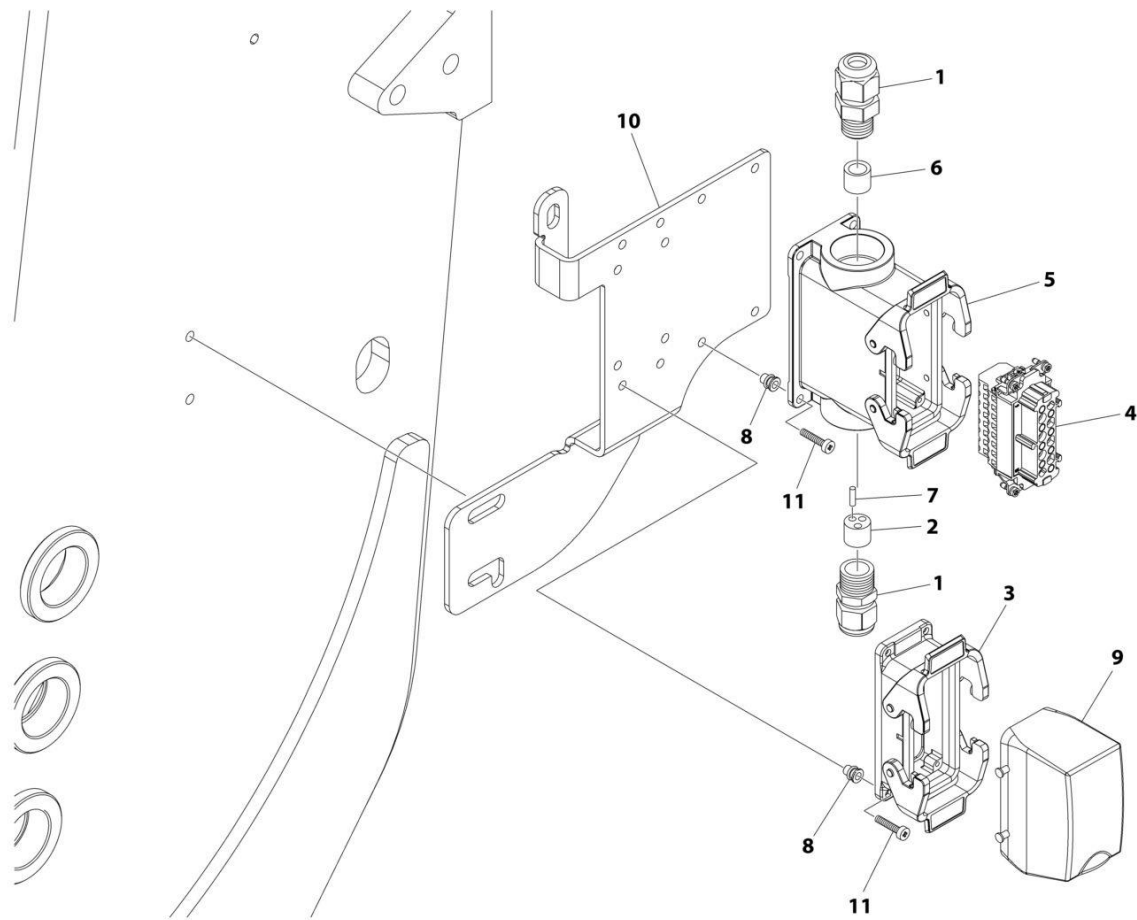
SECTION 10 - ELECTRICAL

FIGURE 10-5. BATTERY TO RELAY CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282480	Ref	BATTERY TO RELAY CABLE	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-6. BOOM COMPONENTS



ART_1001281837

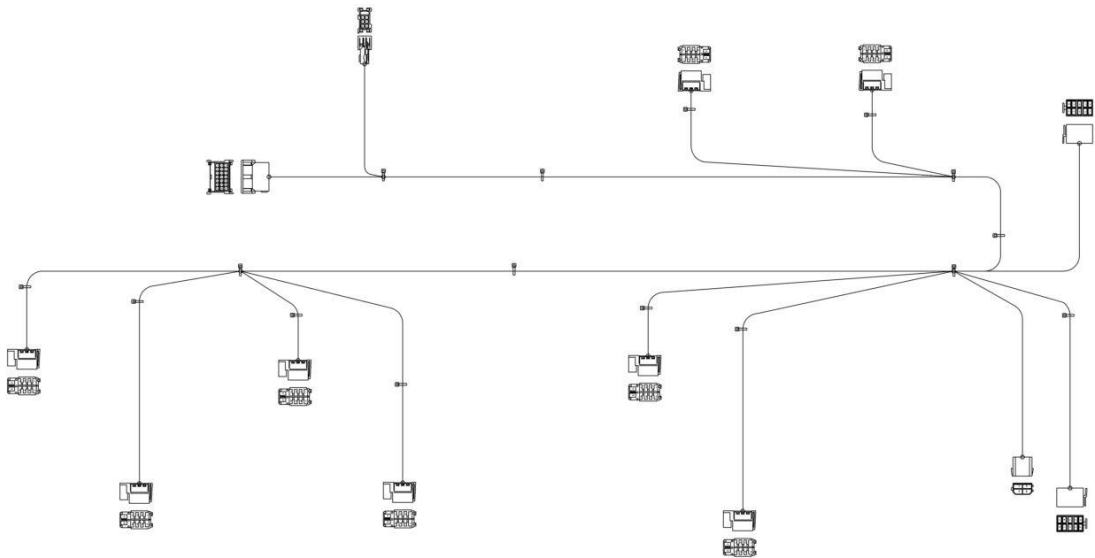
SECTION 10 - ELECTRICAL

FIGURE 10-6. BOOM COMPONENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281837	Ref	BOOM COMPONENTS	B
1	1001281835	2	Relief, Strain	
2	1001281836	1	Relief, Strain	
3	1001281840	1	Bracket, Connector	
4	1001281841	1	Connector	
5	1001281842	1	Housing	
6	1001281843	1	Reducer	
7	1001281844	3	Pad	
8	1001281845	8	Insert, Threaded M4	
9	1001281846	1	Connector	
10	1001281849	1	Bracket	
11	4010410002	8	Bolt M4	

SECTION 10 - ELECTRICAL

FIGURE 10-7. BOOM HARNESS



ART_1001282485

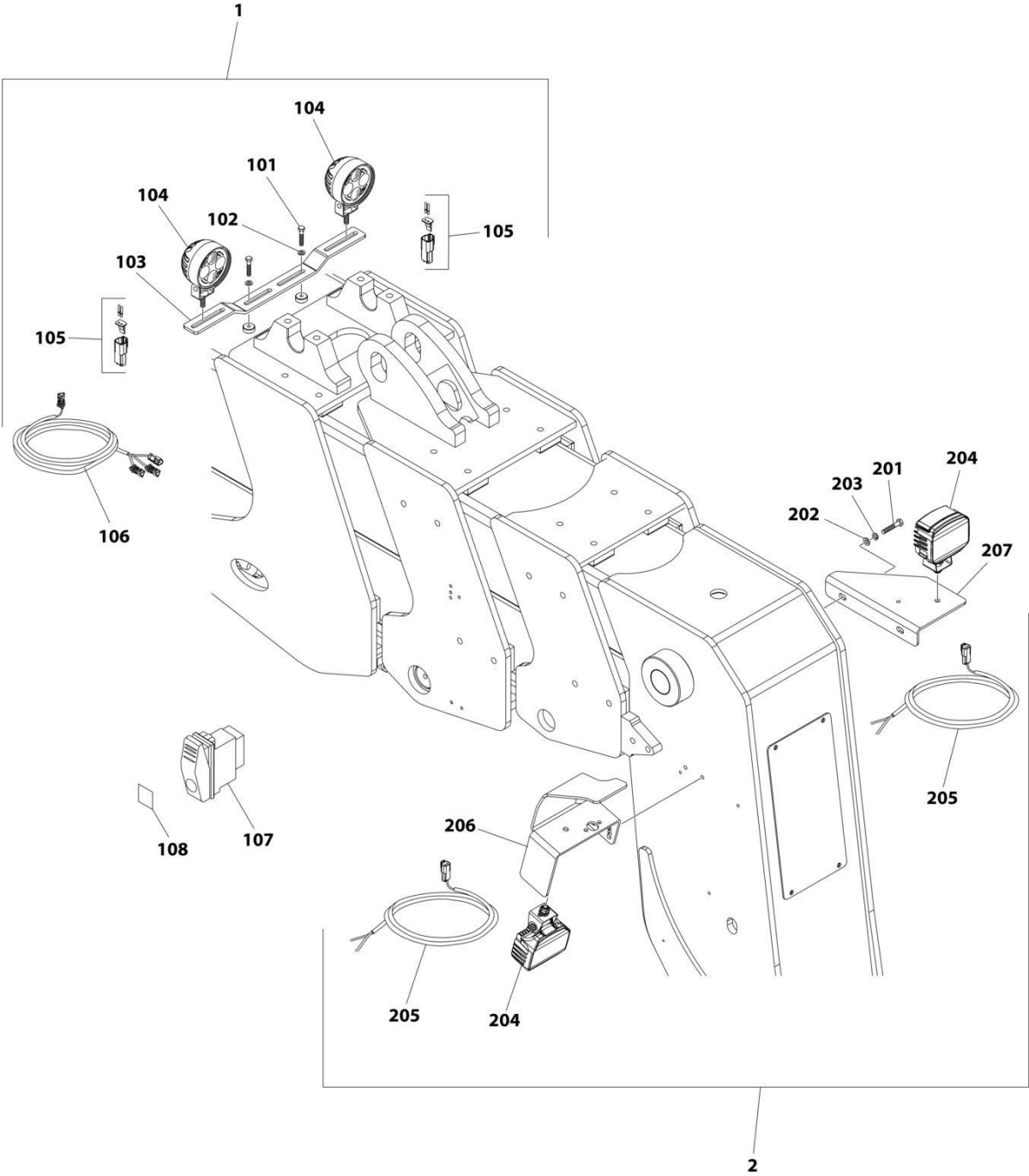
SECTION 10 - ELECTRICAL

FIGURE 10-7. BOOM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282485	Ref	BOOM HARNESS	B
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-8. BOOM WORK LIGHTS INSTALLATION



ART_1001275964

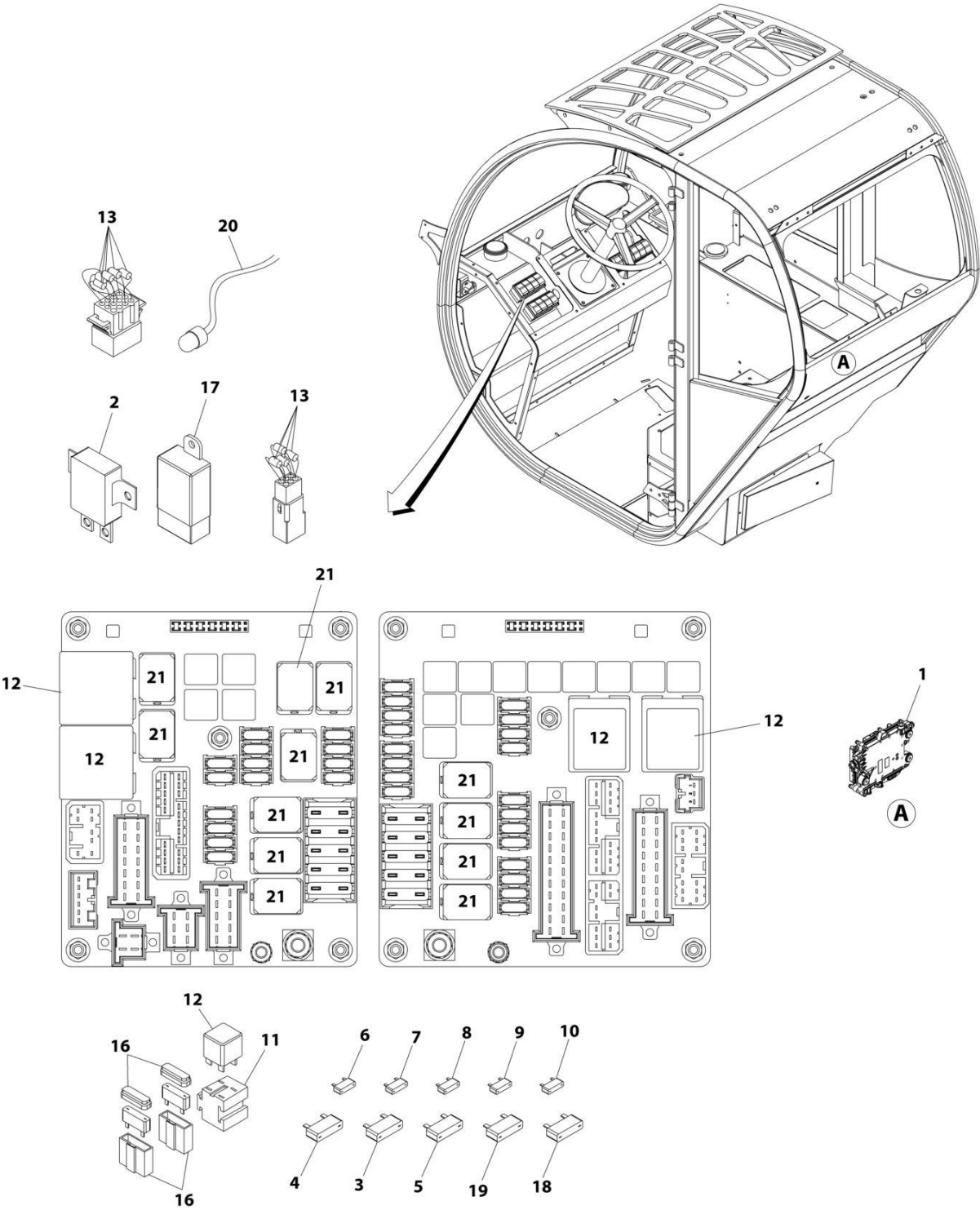
SECTION 10 - ELECTRICAL

FIGURE 10-8. BOOM WORK LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275964	Ref	BOOM WORK LIGHTS INSTALLATION	D
1	1001279114	1	Front Boom Lights Installation (Includes Items 101-108)	B
2	1001279115	1	Rear Boom Lights Installation (Includes Items 201-207)	A
101	0700808	2	Bolt M8 x 16	
102	4811902	2	Washer M8	
103	1001275284	1	Bracket	
104	1001277226	2	Light, Front Work	
105	1001279118	2	Connector	
106	1001279120	1	Harness, Front Boom Work Lights	
107	1001281017	1	Switch	
108	1001296408	1	Decal, Boom Work Lights	
201	0700808	2	Bolt M8 x 16	
202	4811902	2	Washer M8	
203	4831900	2	Washer, Lock M8	
204	1001274745	2	Light, Rear Work	
205	1001279119	2	Harness, Rear Boom Work Lights	
206	1001281731	1	Bracket, Right	
207	1001281732	1	Bracket, Left	

SECTION 10 - ELECTRICAL

FIGURE 10-9. CAB ELECTRICAL INSTALLATION



ART_1001280929

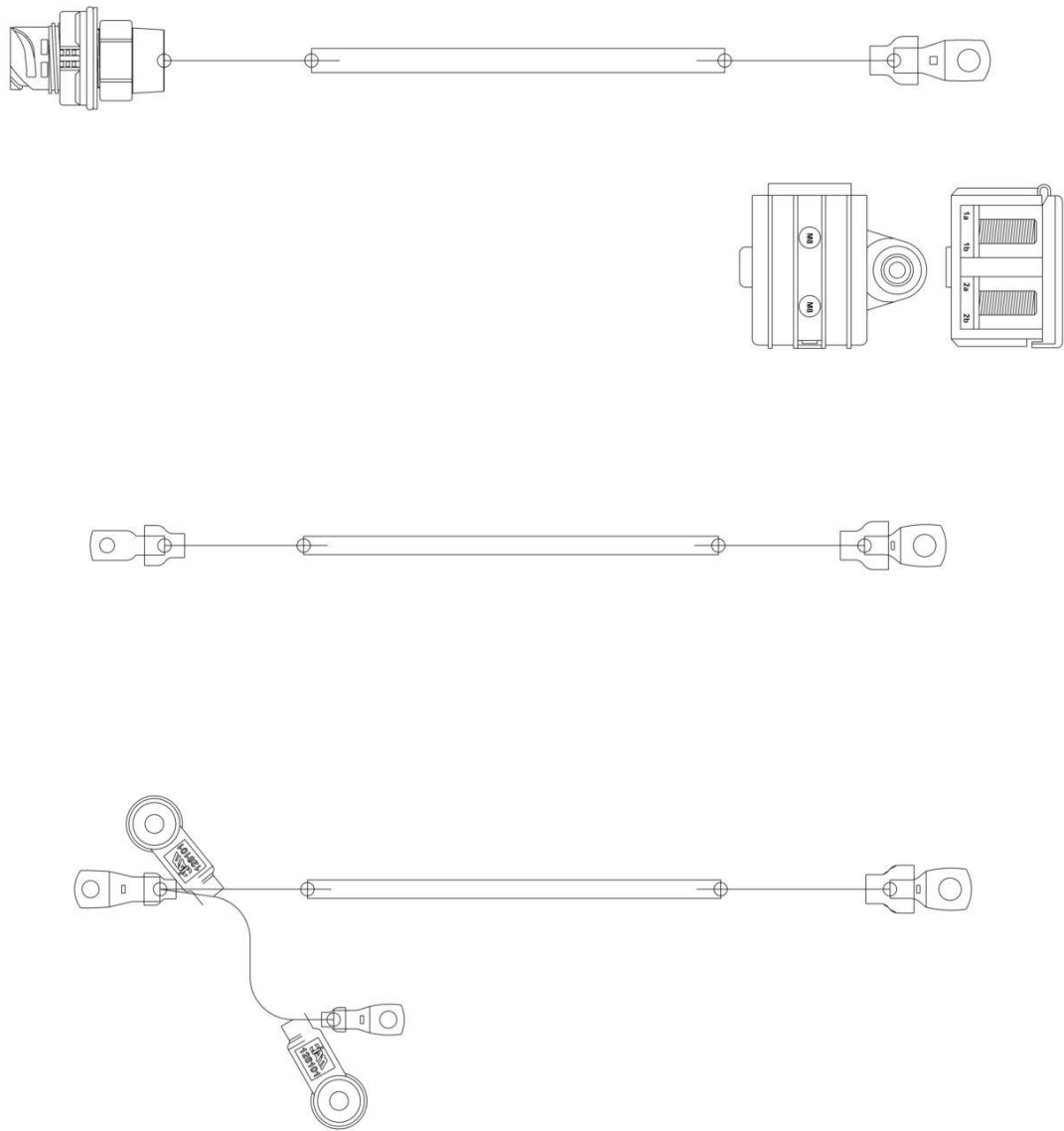
SECTION 10 - ELECTRICAL

FIGURE 10-9. CAB ELECTRICAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280929	Ref	CAB ELECTRICAL INSTALLATION	B
1	1001277177	1	Module, Control	
2	1001278434	1	Relay	
3	1001278442	1	Fuse 10AMP	
4	1001278443	1	Fuse 7.5AMP	
5	1001278444	1	Fuse 15AMP	
6	1001278445	1	Fuse 3AMP	
7	1001278446	1	Fuse 5AMP	
8	1001278447	1	Fuse 7.5AMP	
9	1001278448	1	Fuse 10AMP	
10	1001278449	1	Fuse 15AMP	
11	1001281046	1	Holder, Relay	
12	1001281047	5	Relay	
13	1001281048	2	Diode, 1 Amp	
16	1001281051	2	Holder, Fuse	
17	1001281053	1	Relay	
18	1001280790	1	Fuse 5AMP	
19	1001280792	1	Fuse 20AMP	
20	1001281057	1	Lamp, Indicator	
21	1001281223	12	Relay	

SECTION 10 - ELECTRICAL

FIGURE 10-10. CAB POWER HARNESS



ART_1001282475

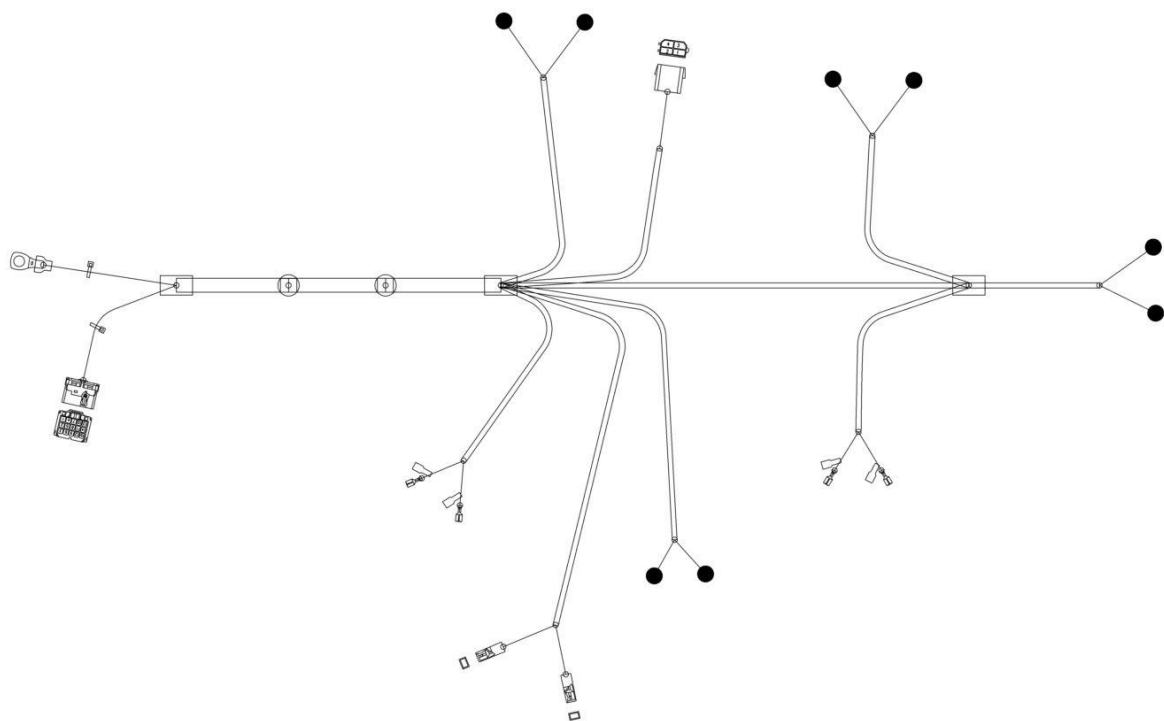
SECTION 10 - ELECTRICAL

FIGURE 10-10. CAB POWER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282475	Ref	CAB POWER HARNESS	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-11. CAB ROOF HARNESS



ART_1001282474

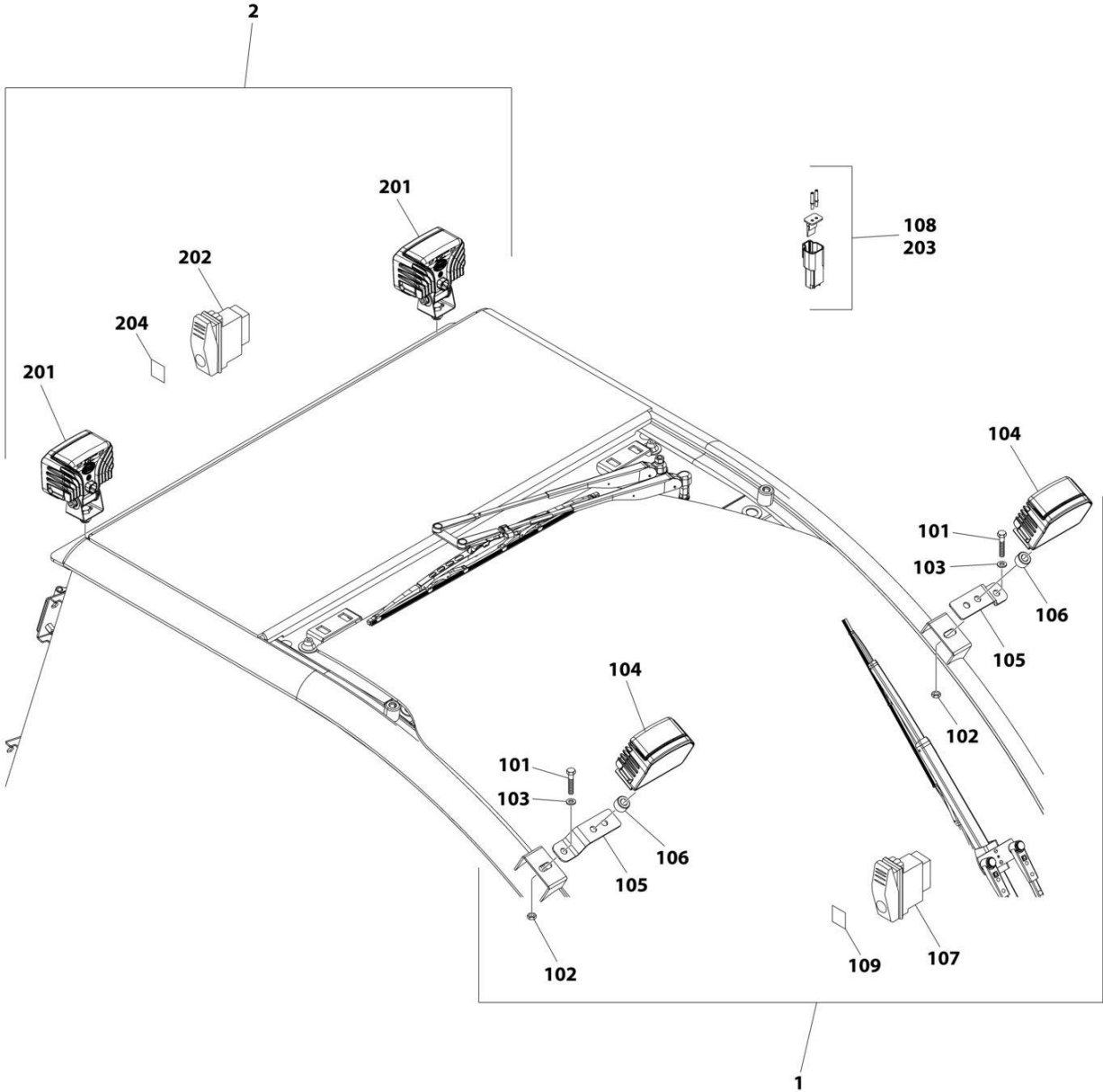
SECTION 10 - ELECTRICAL

FIGURE 10-11. CAB ROOF HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282474	Ref	CAB ROOF HARNESS	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-12. CAB WORK LIGHTS INSTALLATION



ART_1001275963

SECTION 10 - ELECTRICAL

FIGURE 10-12. CAB WORK LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275963	Ref	CAB WORK LIGHTS INSTALLATION	D
1	1001279116	1	Front Cab Lights Installation (Includes Items 101-109)	C
2	1001279117	1	Rear Cab Lights Installation (Includes Items 201-204)	C
101	0701014	2	Bolt M10 x 30	
102	3291005	2	Nut, Lock M10	
103	4812000	2	Washer M10	
104	1001274745	2	Light, Front Work	
105	1001275093	2	Bracket	
106	1001276493	2	Spacer	
107	1001281021	1	Switch	
108	1001277517	2	Connector	
109	1001296406	1	Decal, Front Cab Work Lights	
201	1001274745	2	Light, Rear Work	
202	1001281021	1	Switch	
203	1001277517	2	Connector	
204	1001296407	1	Decal, Rear Cab Work Lights	

SECTION 10 - ELECTRICAL

FIGURE 10-13. DISPLAY HARNESS



ART_1001281720

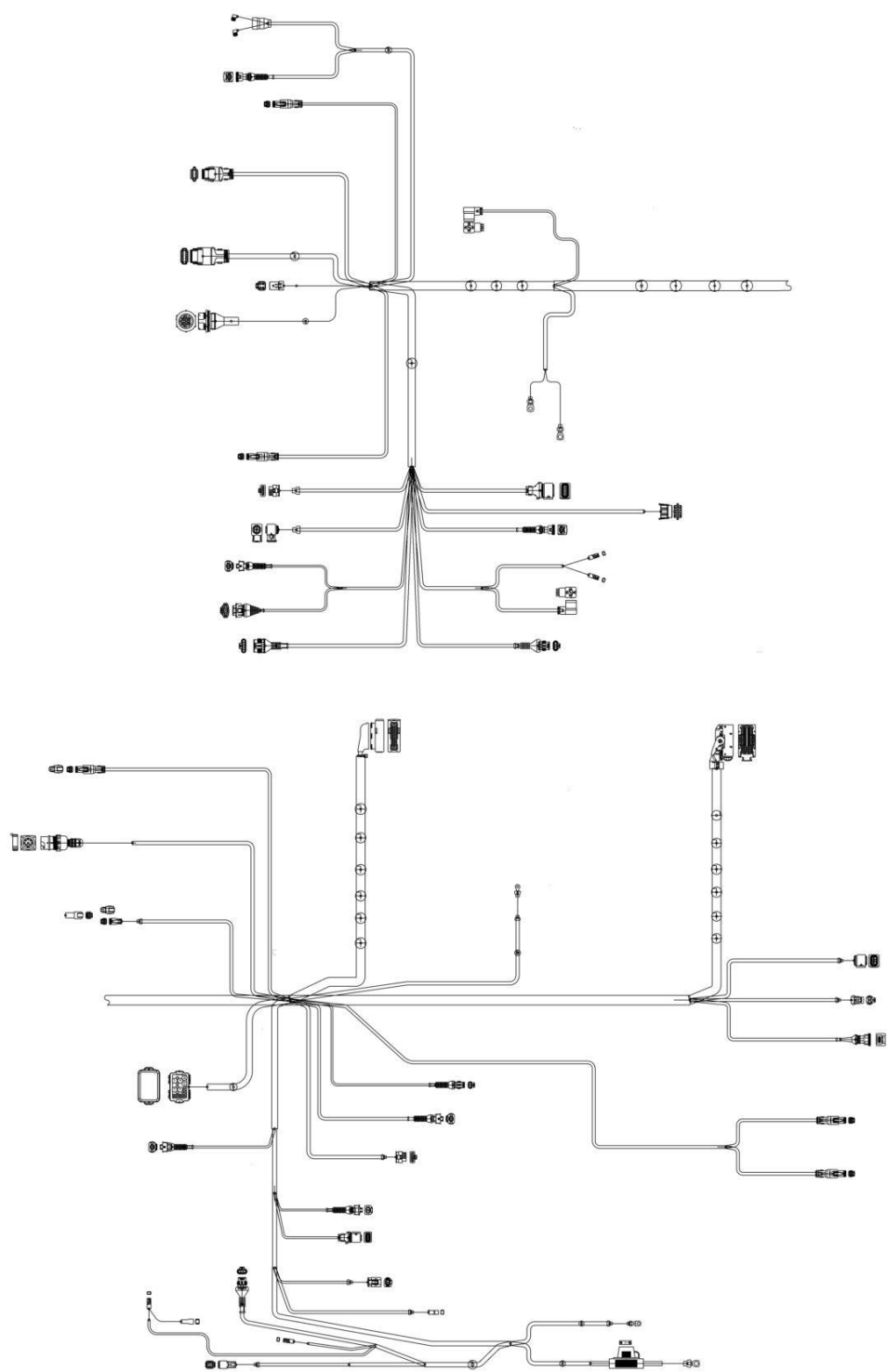
SECTION 10 - ELECTRICAL

FIGURE 10-13. DISPLAY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281720	Ref	DISPLAY HARNESS	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-14. ENGINE HARNESS



ART_1001282482

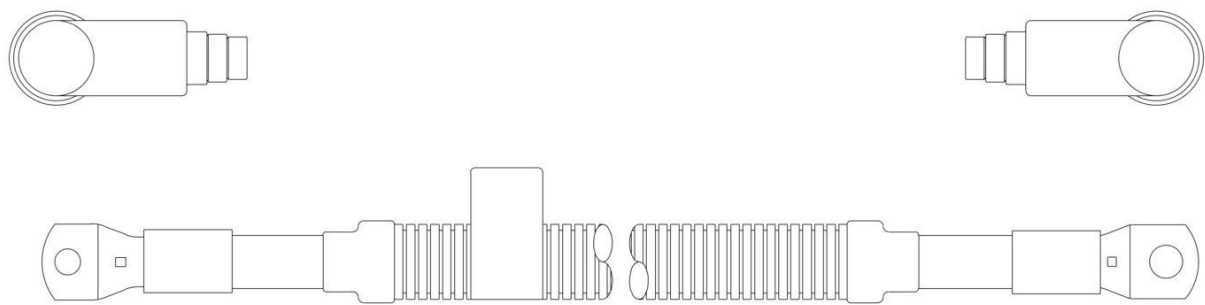
SECTION 10 - ELECTRICAL

FIGURE 10-14. ENGINE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282482	Ref	ENGINE HARNESS	B
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-15. ENGINE TO RELAY CABLE



ART_1001282479

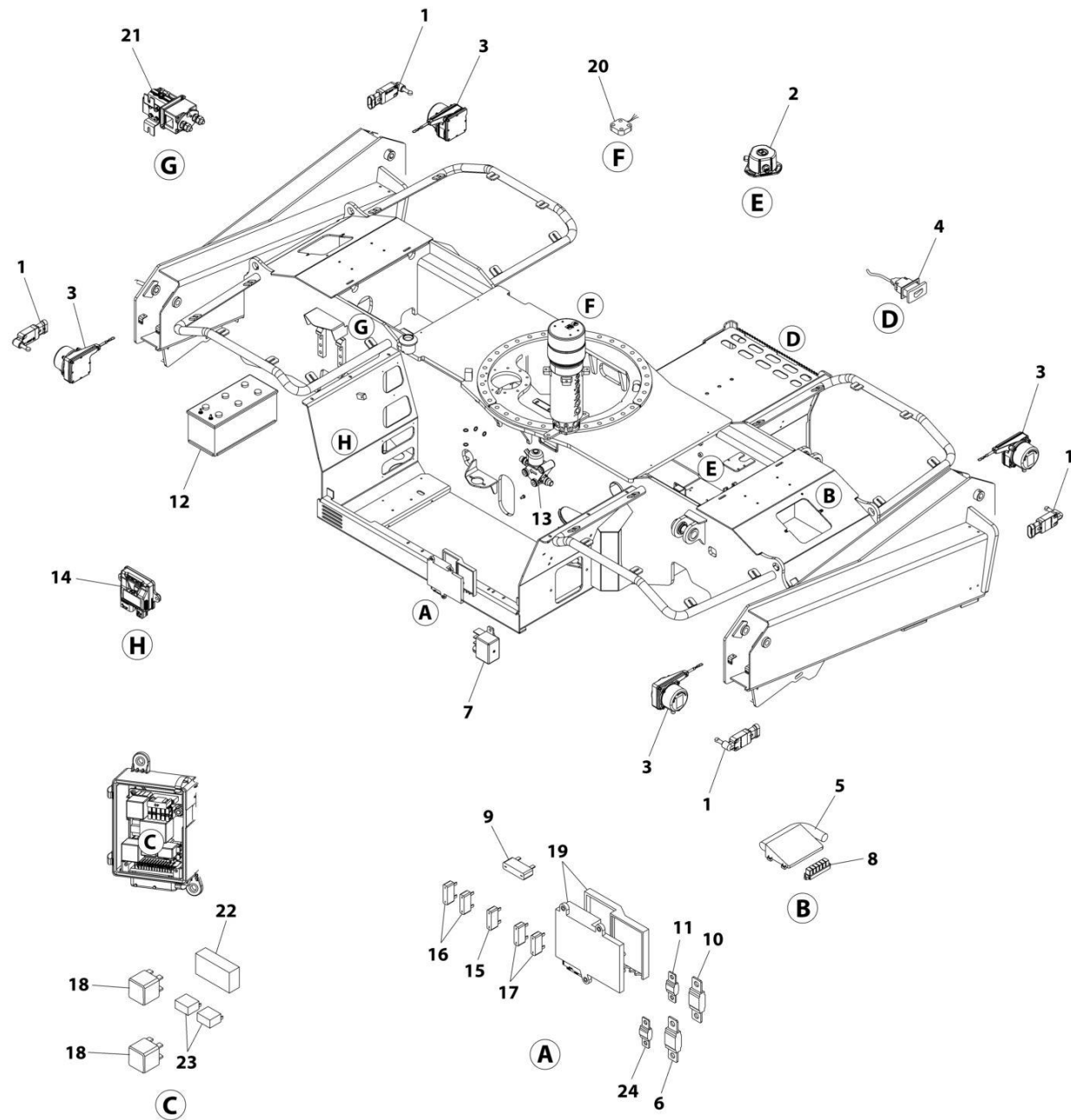
SECTION 10 - ELECTRICAL

FIGURE 10-15. ENGINE TO RELAY CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282479	Ref	ENGINE TO RELAY CABLE	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-16. FRAME COMPONENTS



ART_1001280774

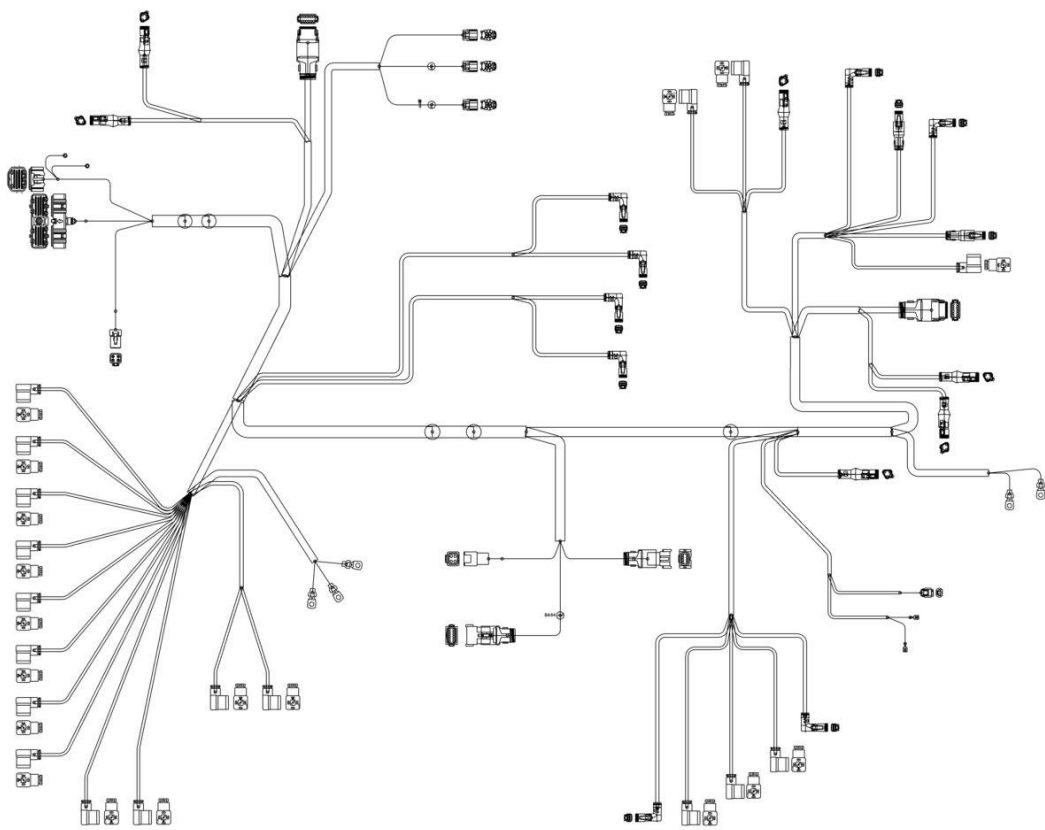
SECTION 10 - ELECTRICAL

FIGURE 10-16. FRAME COMPONENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280774	Ref	FRAME COMPONENTS	C
1	1001274749	4	Sensor, Limit Switch	
2	1001275893	1	Sensor, Leveling	
3	1001276890	4	Sensor, Outtrigger	
4	1001276991	1	Connector	
5	1001276993	1	Module, Frame Control	
6	1001277437	1	Fuse, 150 Amp	
7	1001277438	1	Relay	
8	1001278436	1	Bus, Multi Link CAN	
9	1001278654	1	Fuse, 40 Amp	
10	1001278657	1	Fuse, 100 Amp	
11	1001278660	1	Fuse, 30 Amp	
12	1001286173	1	Battery, 12V	
13	1001280786	1	Valve	
14	1001280787	1	Module, Control	
15	1001280790	1	Fuse, 5 Amp	
16	1001280792	2	Fuse, 20 Amp	
17	1001289809	2	Fuse, 25 Amp	
18	1001280794	2	Relay	
19	1001280796	1	Box, Fuse	
20	1001280798	1	Sensor, Rotation	
21	1001280799	1	Relay	
22	1001280800	1	Relay	
23	1001280801	2	Relay	
24	1001283208	1	Fuse, 100 Amp	

SECTION 10 - ELECTRICAL

FIGURE 10-17. FRAME HARNESS



ART_1001282481

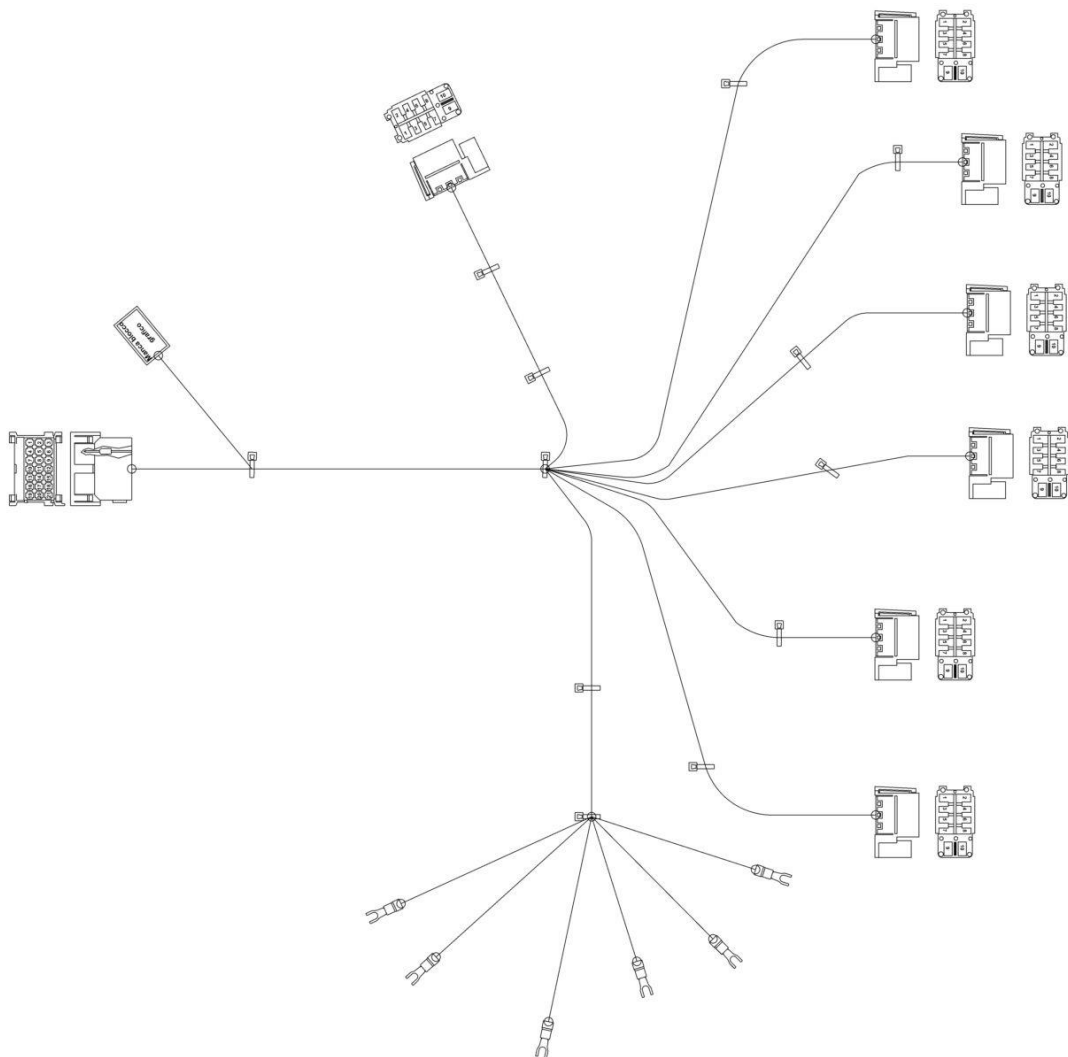
SECTION 10 - ELECTRICAL

FIGURE 10-17. FRAME HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282481	Ref	FRAME HARNESS	B
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-18. LEFT DASH HARNESS



ART_1001282486

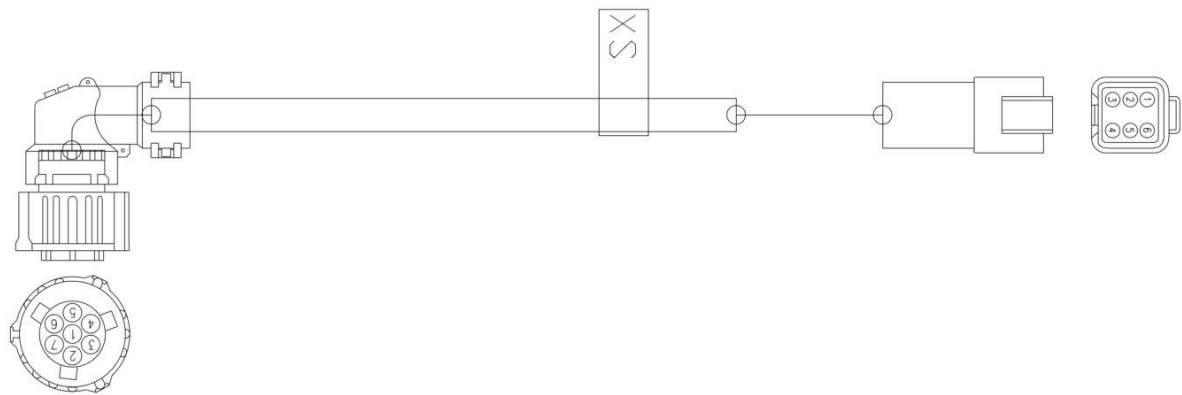
SECTION 10 - ELECTRICAL

FIGURE 10-18. LEFT DASH HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282486	Ref	LEFT DASH HARNESS	B
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-19. LEFT TAILLIGHT HARNESS



ART_1001278667

SECTION 10 - ELECTRICAL

FIGURE 10-19. LEFT TAILLIGHT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278667	Ref	LEFT TAILLIGHT HARNESS	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-20. OUTRIGGER EXTENSION HARNESS



ART_1001282013

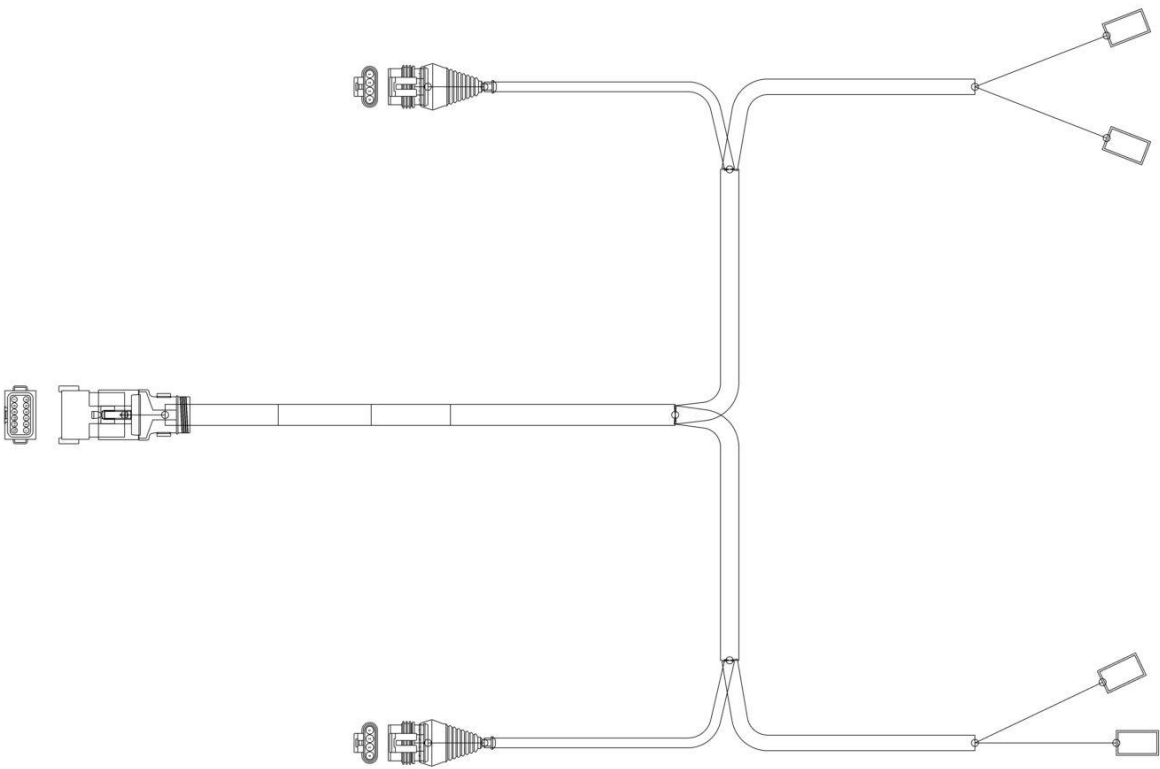
SECTION 10 - ELECTRICAL

FIGURE 10-20. OUTRIGGER EXTENSION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282013	Ref	OUTRIGGER EXTENSION HARNESS	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-21. OUTRIGGERS HARNESS



ART_1001281721

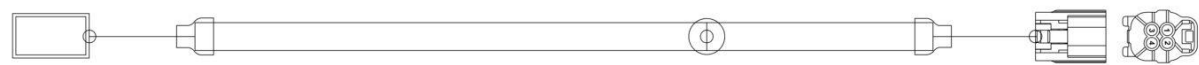
SECTION 10 - ELECTRICAL

FIGURE 10-21. OUTRIGGERS HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281721	Ref	OUTRIGGERS HARNESS	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-22. PLANETARY SENSOR HARNESS



ART_1001282012

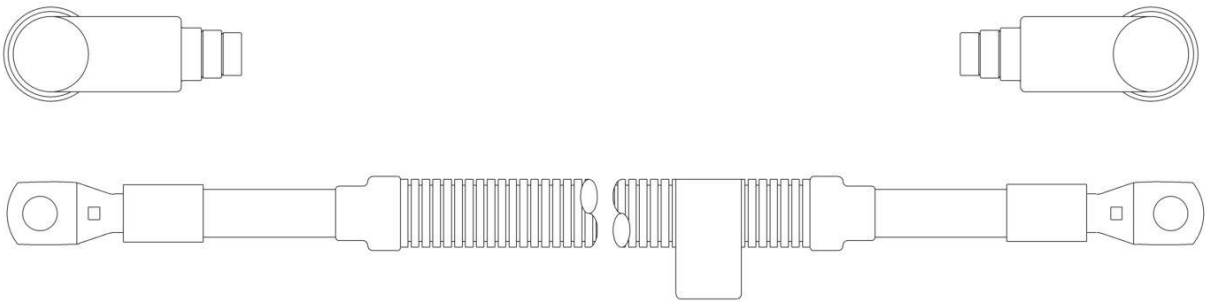
SECTION 10 - ELECTRICAL

FIGURE 10-22. PLANETARY SENSOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282012	Ref	PLANETARY SENSOR HARNESS	A
	See Note	Ref	Note: No Other Service Parts Available At Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-23. PREHEAT POWER CABLE



ART_1001282478

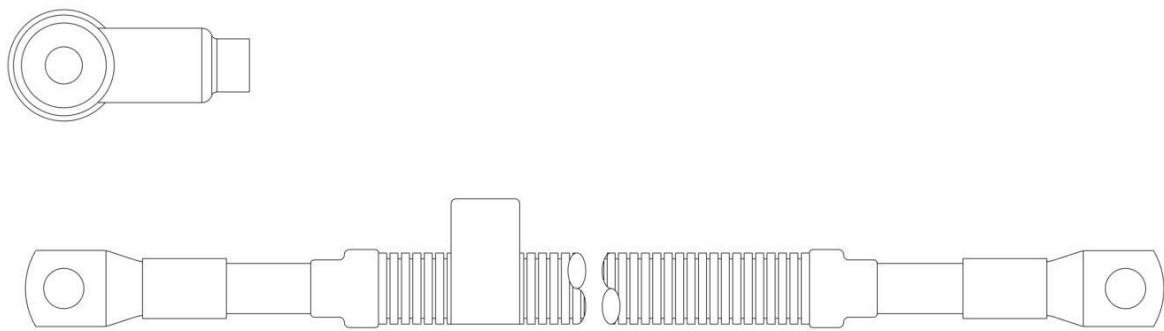
SECTION 10 - ELECTRICAL

FIGURE 10-23. PREHEAT POWER CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282478	Ref	PREHEAT POWER CABLE	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-24. PREHEAT RELAY CABLE



ART_1001282476

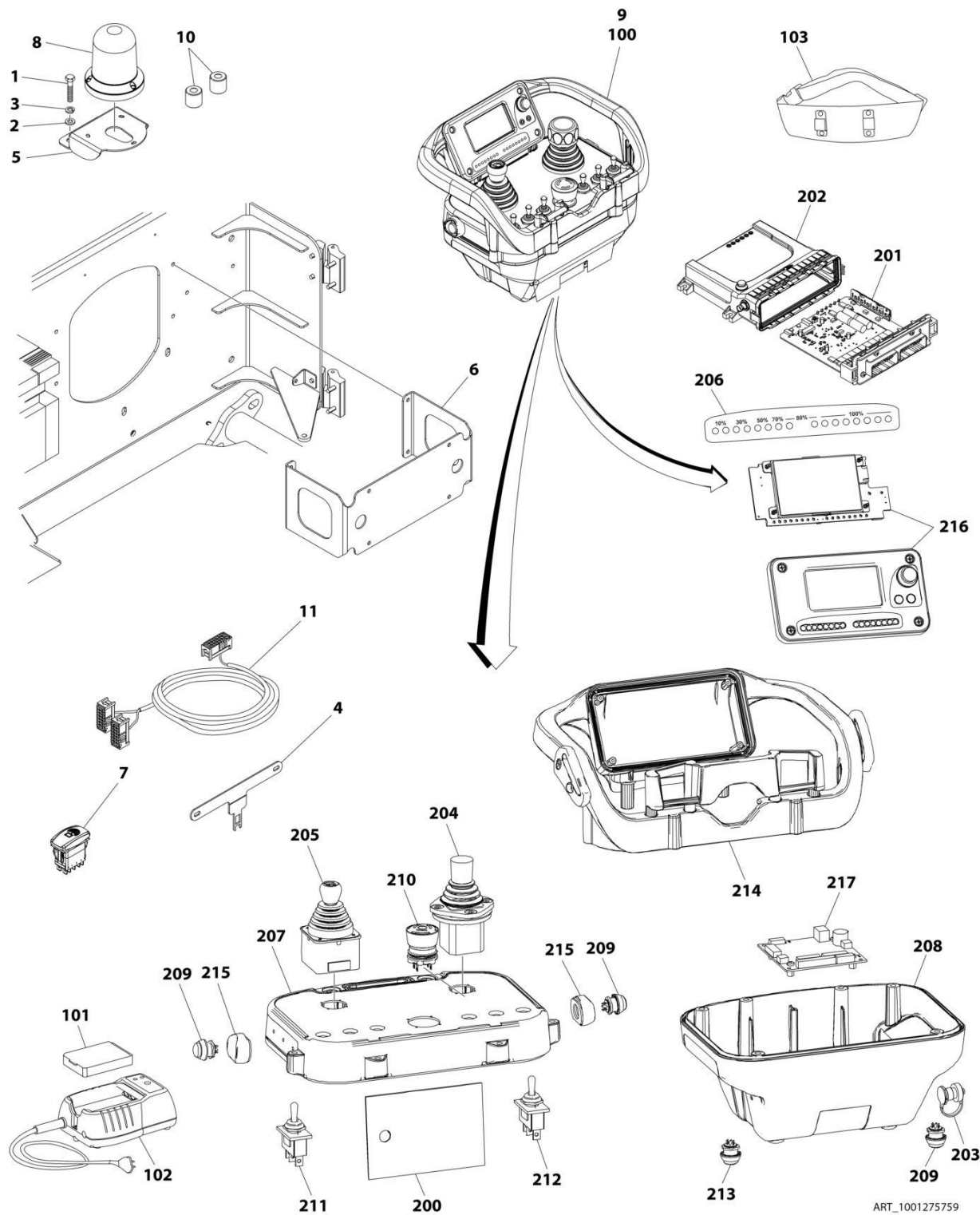
SECTION 10 - ELECTRICAL

FIGURE 10-24. PREHEAT RELAY CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282476	Ref	PREHEAT RELAY CABLE	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-25. REMOTE BOOM CONTROL INSTALLATION



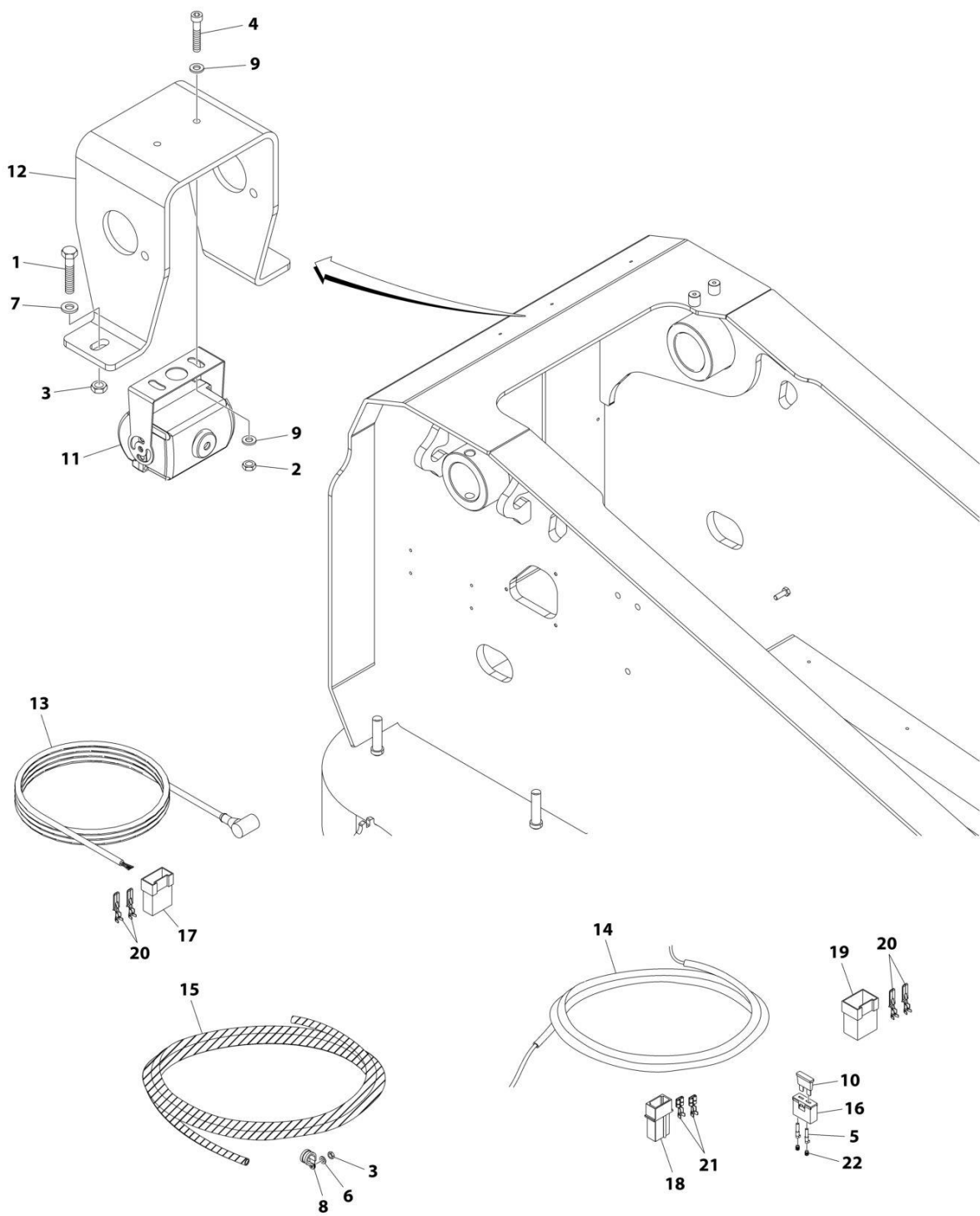
SECTION 10 - ELECTRICAL

FIGURE 10-25. REMOTE BOOM CONTROL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275759	Ref	REMOTE BOOM CONTROL INSTALLATION	B
1	0700816	2	Bolt M8 x 40	
2	4811902	2	Washer M8	
3	4831900	2	Washer, Lock M8	
4	1001275278	1	Plate	
5	1001275329	1	Bracket	
6	1001275553	1	Bracket	
7	1001276883	1	Switch, Remote Control	
8	1001277225	1	Beacon	
9	1001277436	1	Remote Control Installation (Includes Items 100-105)	
10	1001278634	2	Bushing	
11	1001281594	1	Harness, Remote Control	
100	70030620	1	Remote Control Assembly (Includes Items 200-217)	
101	70030601	1	Battery	
102	70030602	1	Charger, Battery	
103	70030605	1	Belt	
104	70031391	1	Key, Magnetic (Not Shown)	
105	70031393	1	Cable, Remote Control to Control Module (Not Shown)	
200	70030599	1	Antenna	
201	70030600	1	Board	
202	70030603	1	Box	
203	70030604	1	Connector	
204	70030606	1	Joystick	
205	70030607	1	Joystick	
206	70030608	1	Panel	
207	70030609	1	Cover, Upper	
208	70030610	1	Box, Bottom	
209	70030611	3	Button, Black	
210	70030612	1	Button, Palm	
211	70030613	3	Switch, On/On	
212	70030614	3	Switch, On/Off/On	
213	70030615	1	Button, Green	
214	70030616	1	Box, Upper	
215	70030617	2	Guard	
216	70030618	1	Board	
217	70030619	1	Board	

SECTION 10 - ELECTRICAL

FIGURE 10-26. REVERSING CAMERA INSTALLATION



ART_1001275950

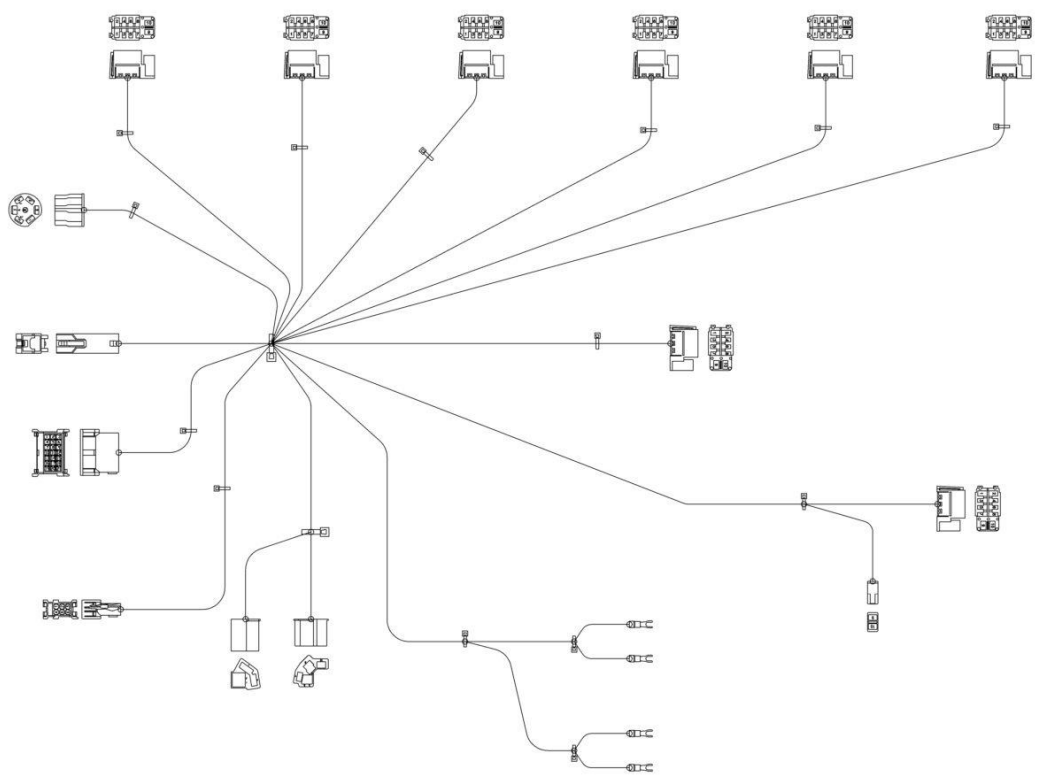
SECTION 10 - ELECTRICAL

FIGURE 10-26. REVERSING CAMERA INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275950	Ref	REVERSING CAMERA INSTALLATION	C
1	0760816	2	Bolt M8 x 40	
2	3290405	2	Nut, Lock M4	
3	3290805	4	Nut, Lock M8	
4	4031507	2	Bolt M4 x 16	
5	4460466	2	Terminal	
6	4811900	2	Washer M8	
7	4811902	2	Washer M8	
8	8406109	2	Clamp	
9	1001091102	4	Washer M4	
10	1001228388	1	Fuse, Mini 1 Amp	
11	1001275887	1	Camera Assembly	
12	1001279125	1	Bracket, Camera	
13	1001281733	1	Cable, Camera	
14	1001281734	1	Harness, Camera	
15	1001281735	AR	Conduit	
16	1001281736	1	Holder, Fuse	
17	1001282659	1	Connector	
18	1001282660	1	Connector	
19	1001282661	1	Connector	
20	1001282663	4	Terminal	
21	1001282664	2	Terminal	
22	1001282665	2	Pad	

SECTION 10 - ELECTRICAL

FIGURE 10-27. RIGHT DASH HARNESS



ART_1001282491

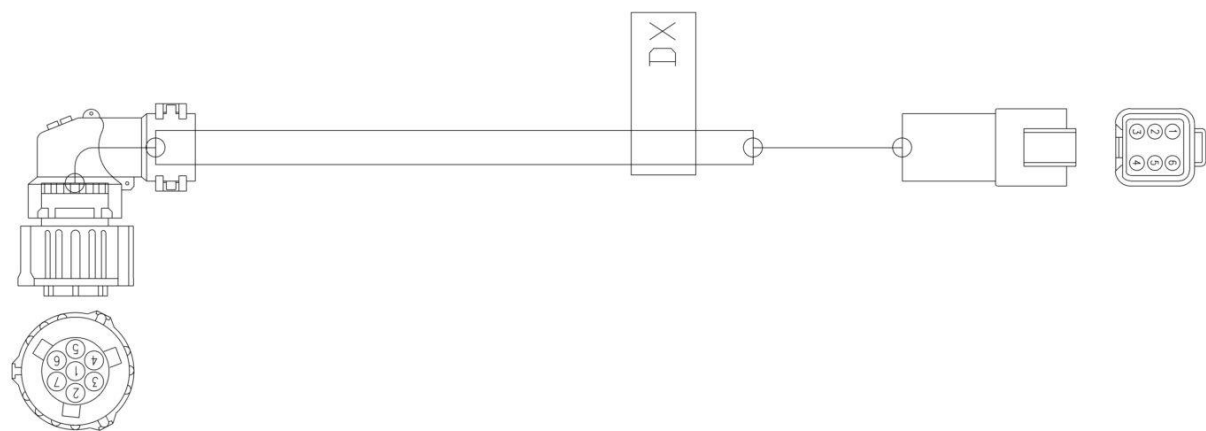
SECTION 10 - ELECTRICAL

FIGURE 10-27. RIGHT DASH HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282491	Ref	RIGHT DASH HARNESS	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-28. RIGHT TAILLIGHT HARNESS



ART_1001278668

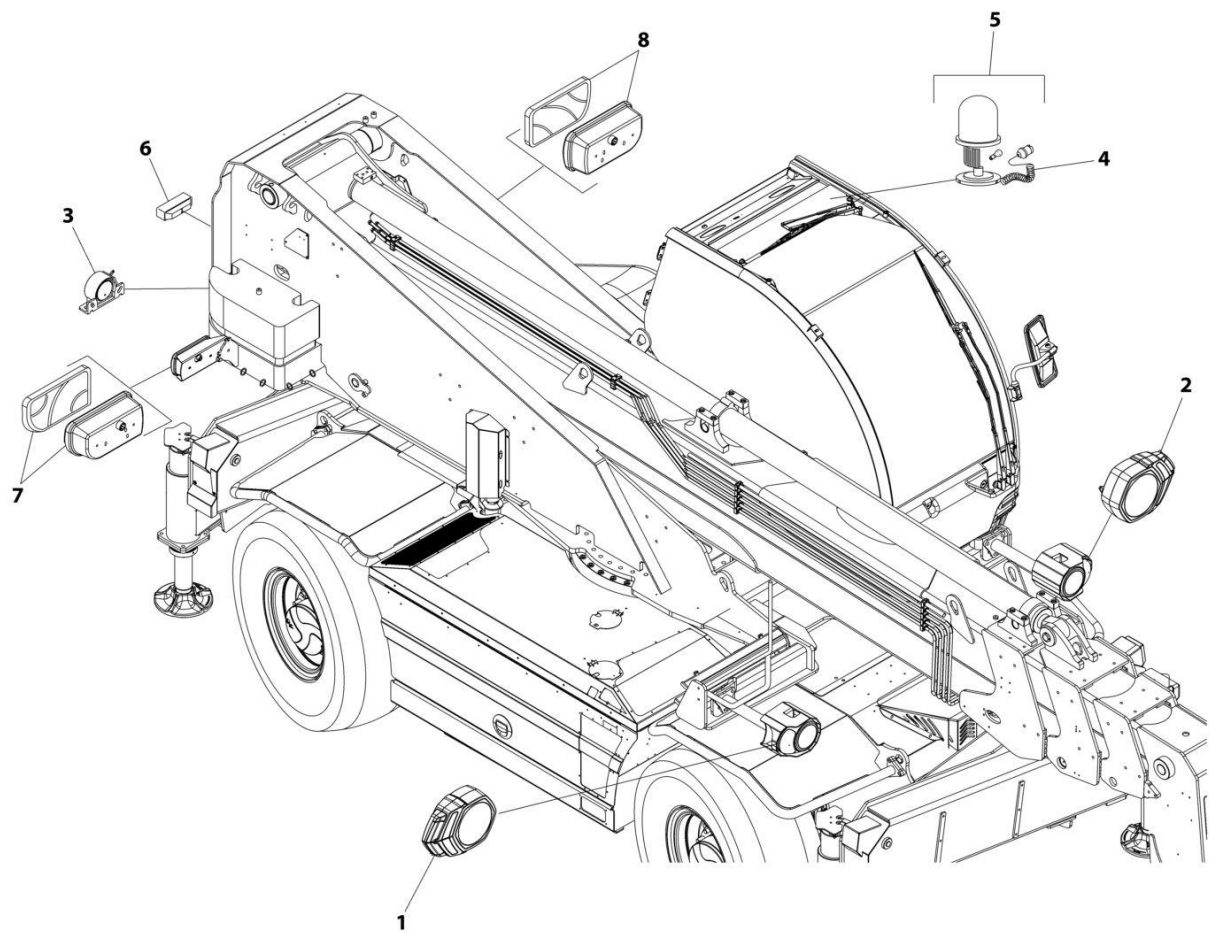
SECTION 10 - ELECTRICAL

FIGURE 10-28. RIGHT TAILLIGHT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278668	Ref	RIGHT TAILLIGHT HARNESS	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-29. ROAD LIGHTS INSTALLATION



ART_1001280776

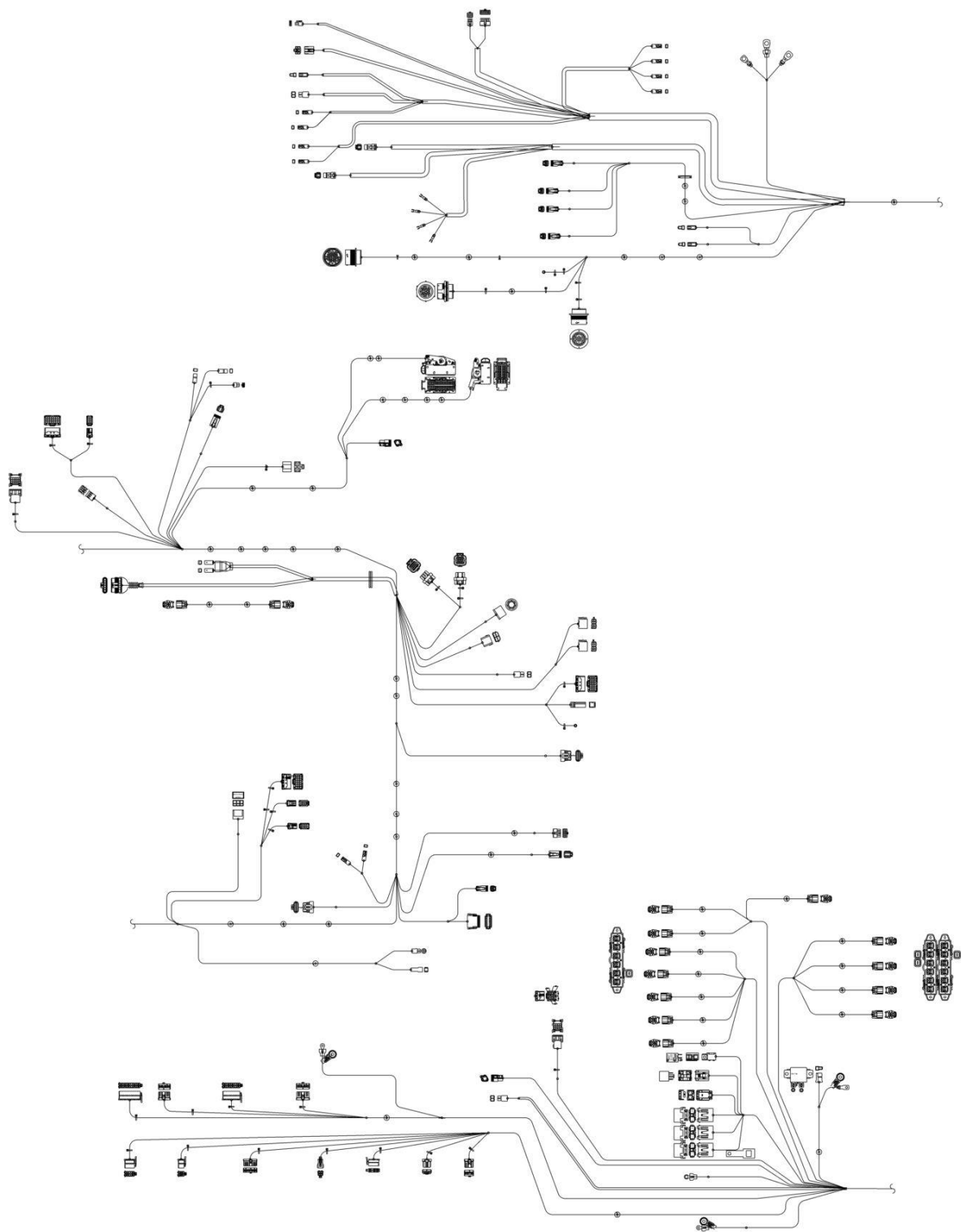
SECTION 10 - ELECTRICAL

FIGURE 10-29. ROAD LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280776	Ref	ROAD LIGHTS INSTALLATION	B
1	1001274743	1	Headlight, Right	
2	1001274744	1	Headlight, Left	
3	1001274755	1	Alarm	
4	1001277227	1	Connector, Beacon	
5	1001278651	1	Beacon Assembly	
6	1001278652	1	Light, License Plate	
7	1001278650	1	Taillight, Right	
8	1001278649	1	Taillight, Left	

SECTION 10 - ELECTRICAL

FIGURE 10-30. SEAT HARNESS



ART_1001282484

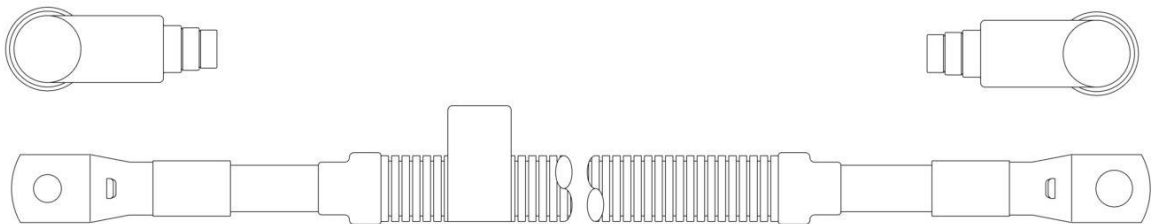
SECTION 10 - ELECTRICAL

FIGURE 10-30. SEAT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282484	Ref	SEAT HARNESS	B
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-31. STARTER CABLE



ART_1001282473

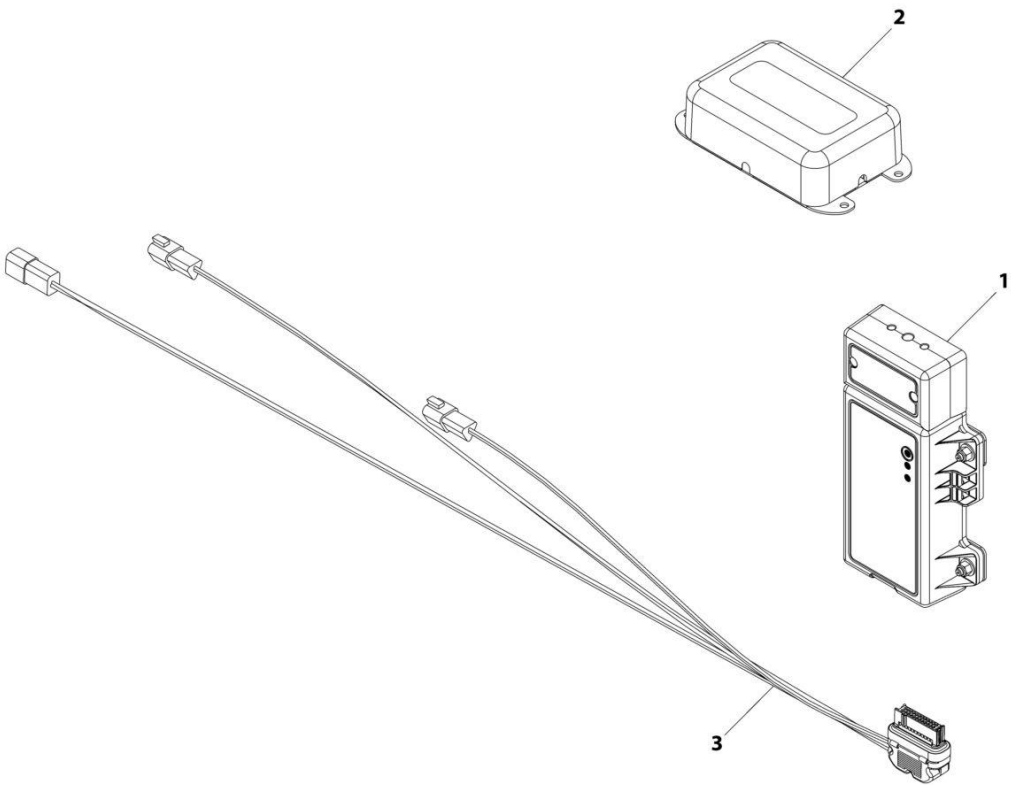
SECTION 10 - ELECTRICAL

FIGURE 10-31. STARTER CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282473	Ref	STARTER CABLE	A
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-32. TELEMATICS INSTALLATION



ART_1001289304

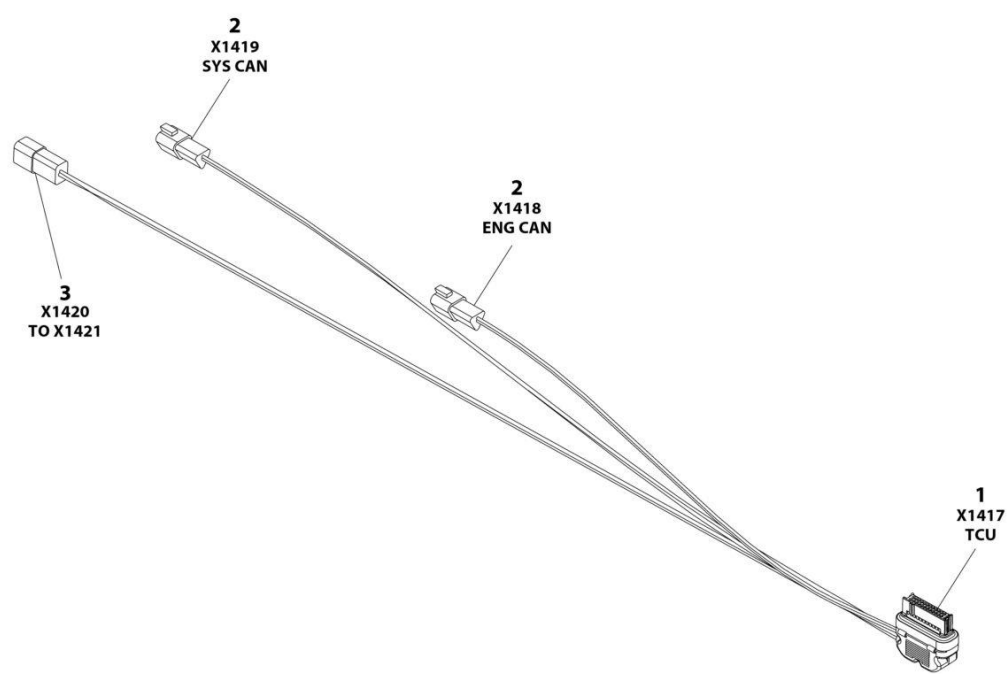
SECTION 10 - ELECTRICAL

FIGURE 10-32. TELEMATICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289304	Ref	TELEMATICS INSTALLATION	A
1	1001262322	1	Module, Telematics	
2	1001262327	1	Antenna, Telematics	
3	1001288299	1	Telematics Harness (See Separate Breakdown in this Section)	

SECTION 10 - ELECTRICAL

FIGURE 10-33. TELEMATICS HARNESS



ART_1001288299

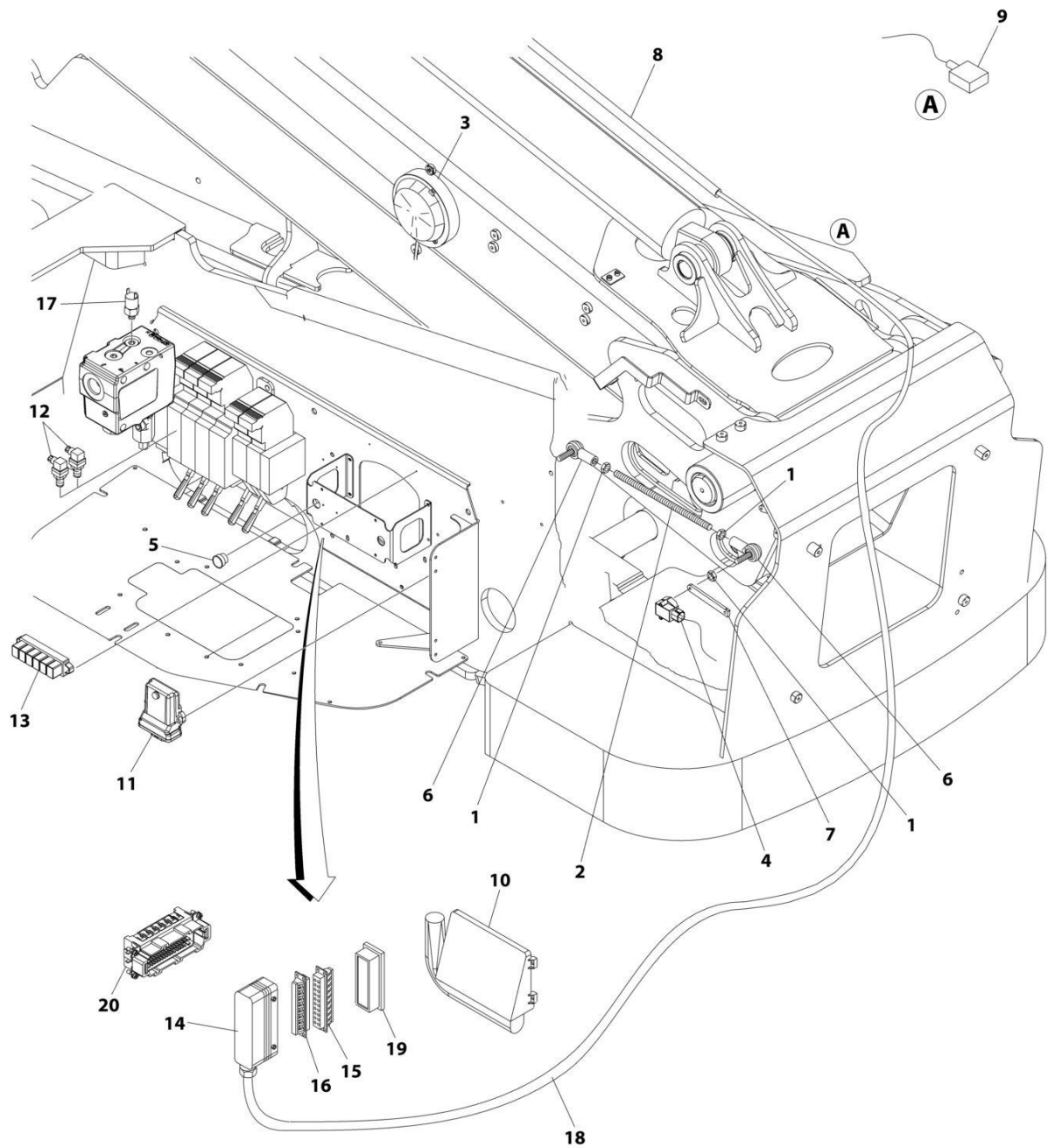
SECTION 10 - ELECTRICAL

FIGURE 10-33. TELEMATICS HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288299	Ref	TELEMATICS HARNESS	A
1	1001226636	1	Connector	
1	1001116731	17	Plug	
1	1001226637	7	Socket	
2	1001144147	2	Connector	
2	4460941	4	Pin	
2	4460466	2	Plug	
3	4460932	1	Connector	
3	4460464	3	Pin	
3	4460466	1	Plug	

SECTION 10 - ELECTRICAL

FIGURE 10-34. TURNTABLE COMPONENTS



ART_1001280775

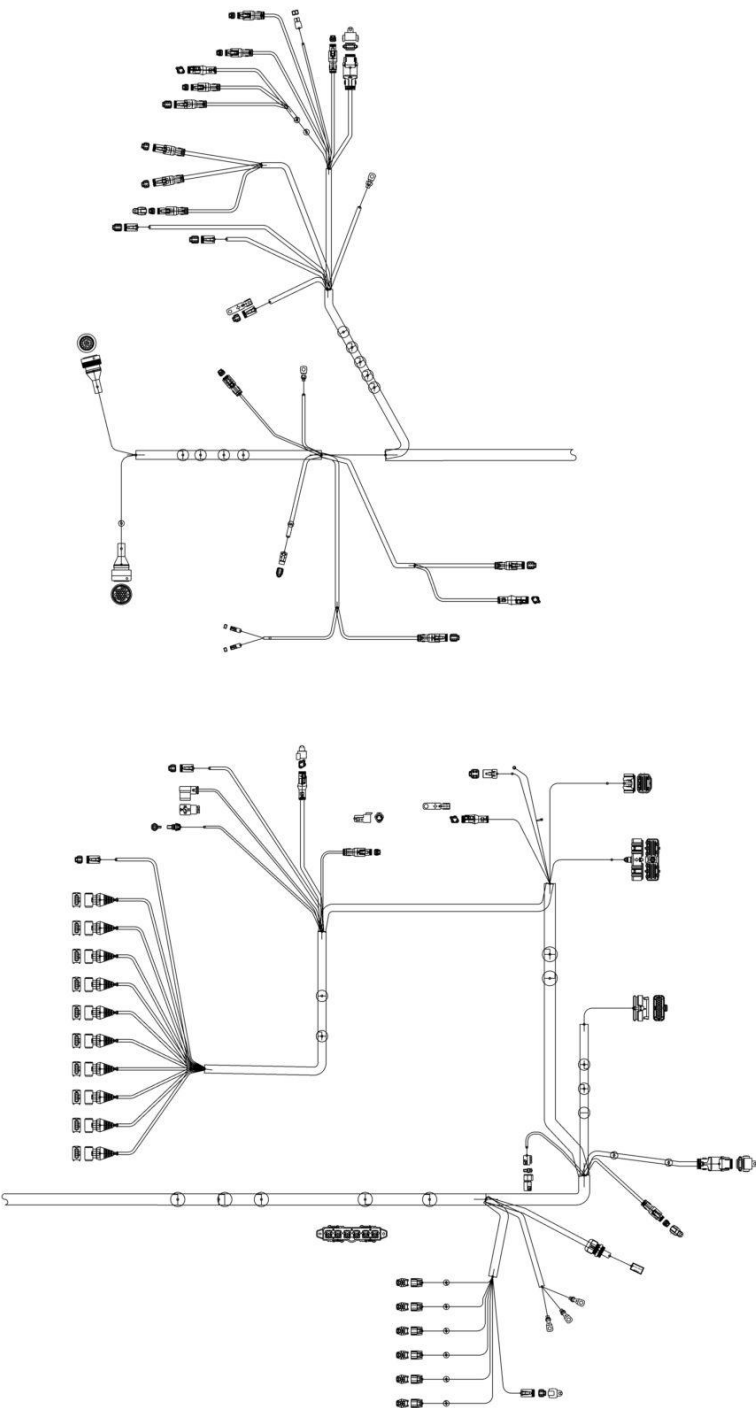
SECTION 10 - ELECTRICAL

FIGURE 10-34. TURNTABLE COMPONENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001280775	Ref	TURNTABLE COMPONENTS	C
1	3290601	3	Nut M6	
2	1001275824	1	Rod	
3	1001275891	1	Reel, Boom Cable	
4	1001275892	1	Sensor, Angle	
5	1001275895	1	Switch, Pushbutton	
6	1001276077	2	Joint, Ball	
7	1001276091	1	Link, Angle Sensor	
8	1001276408	13.12 ft/ 4m	Pipe	
9	1001276473	1	Sensor, Tilt	
10	1001276993	1	Module, Frame Control	
11	1001276994	1	Module, Control	
12	1001277228	2	Sensor, Pressure	
13	1001278436	1	Bus, Multi Link CAN	
14	1001278671	1	Housing, Socket	
15	1001278672	1	Socket, Female	
16	1001278673	1	Socket, Male	
17	1001280537	1	Sensor, Pressure	
18	1001280802	1	Harness, Aux Boom	
19	1001283209	1	Housing	
20	1001299009	1	Connector	

SECTION 10 - ELECTRICAL

FIGURE 10-35. TURNTABLE HARNESS



ART_1001282483

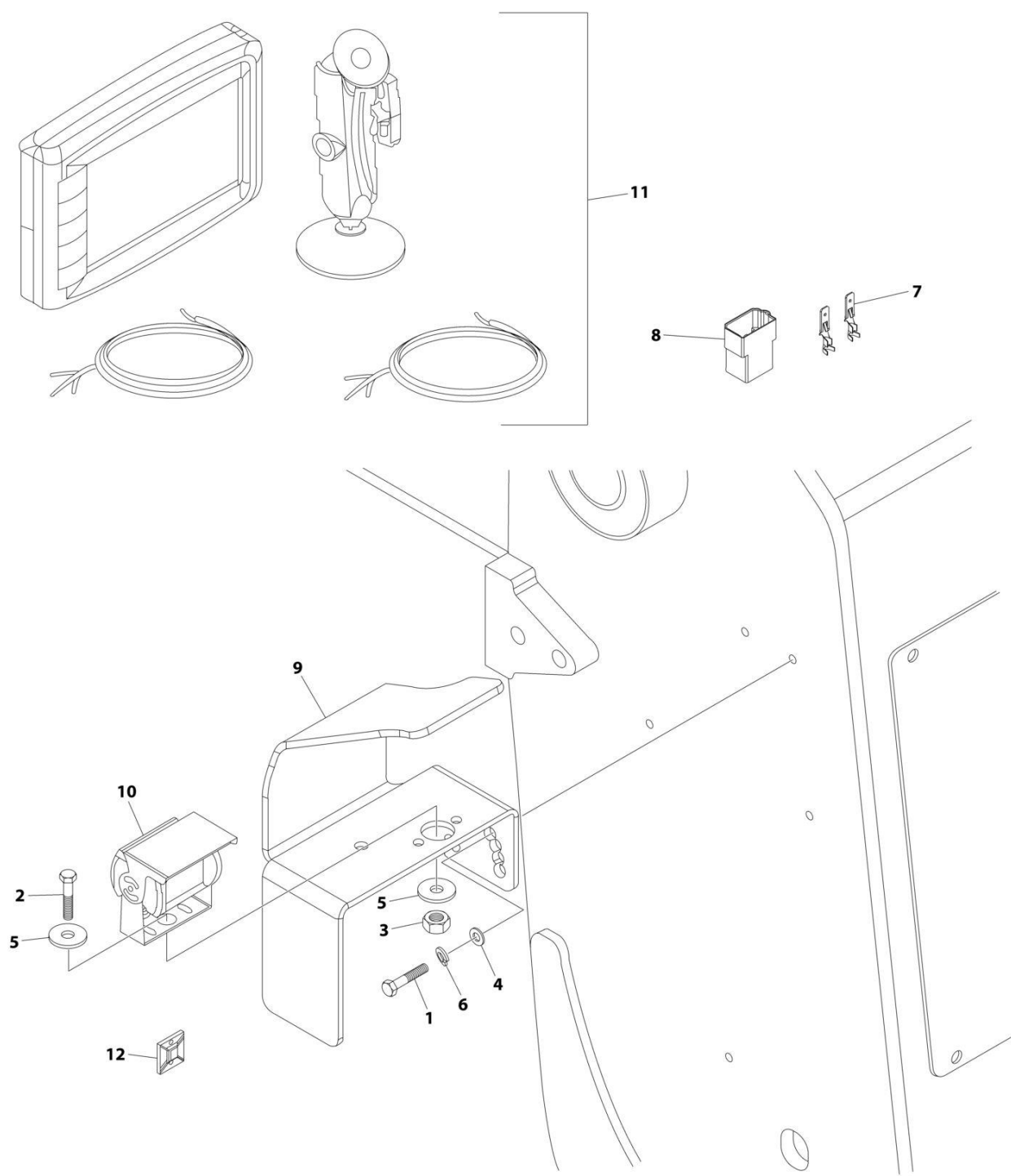
SECTION 10 - ELECTRICAL

FIGURE 10-35. TURNTABLE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282483	Ref	TURNTABLE HARNESS	B
	See Note	Ref	Note: No Other Service Parts Available at Time of Printing.	

SECTION 10 - ELECTRICAL

FIGURE 10-36. WIRELESS CAMERA INSTALL



ART_1001288883

SECTION 10 - ELECTRICAL

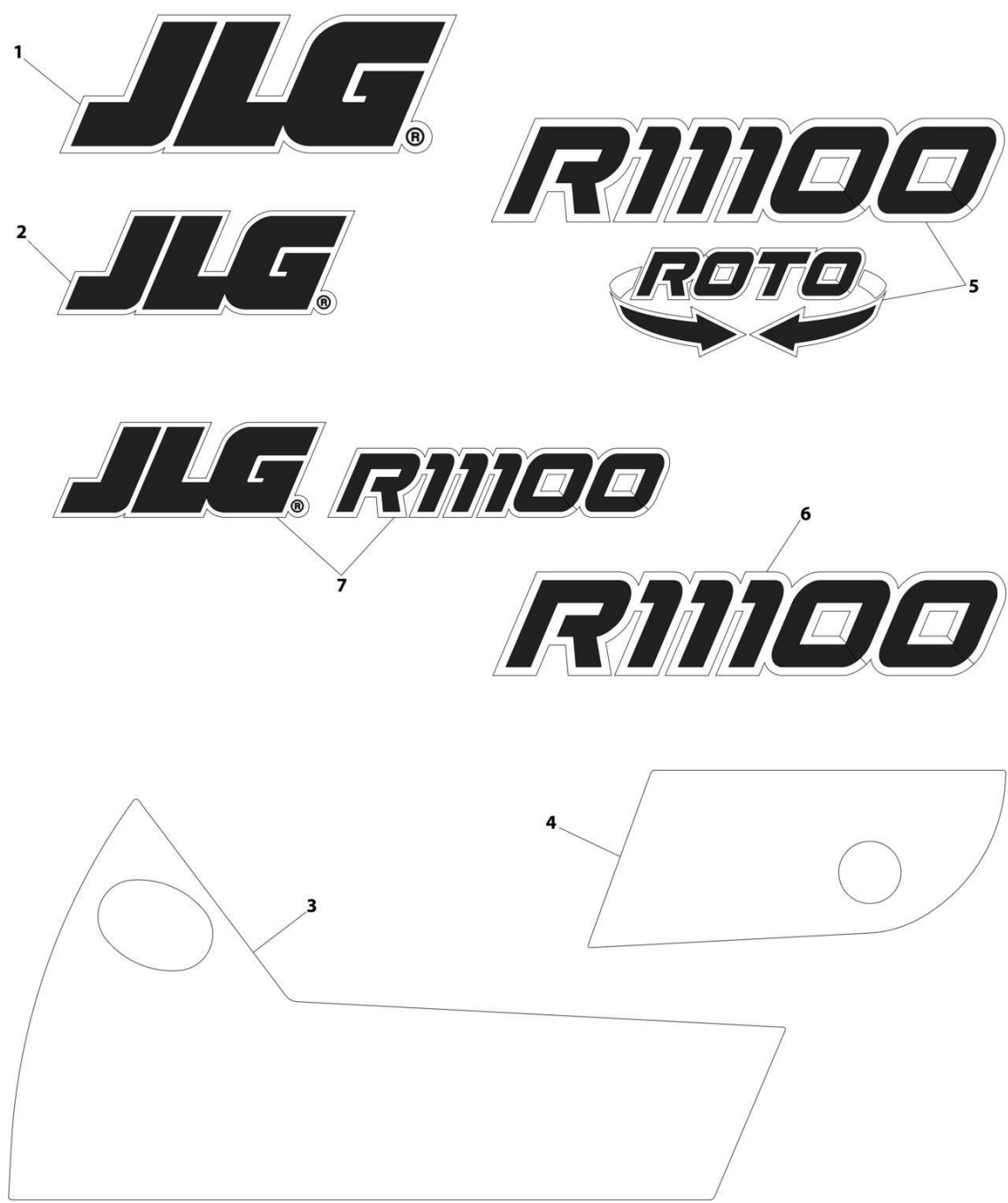
FIGURE 10-36. WIRELESS CAMERA INSTALL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288883	Ref	WIRELESS CAMERA INSTALL	A
1	0761010	2	Bolt M10 x 20	
2	0761012	1	Bolt M10 x 25	
3	3291005	1	Nut, Lock M10	
4	4812000	2	Washer M10	
5	4812002	2	Washer M10	
6	4832000	2	Washer, Lock M10	
7	1001116700	2	Terminal (Located in Cab)	
8	1001117011	1	Connector (Located in Cab)	
9	1001281731	1	Bracket	
10	1001288892	1	Camera	
11	1001288893	1	Camera Display Kit	
12	1001288894	1	Plate	

SECTION 11 - DECALS

SECTION 11 - DECALS

FIGURE 11-1. R11100 MACHINE DECALS



ART_1001275777

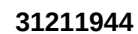
SECTION 11 - DECALS

FIGURE 11-1. R11100 MACHINE DECALS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275777	Ref	MACHINE DECALS	B
1	1001281865	3	Decal - JLG Logo	
2	1001281866	1	Decal - Cab JLG Logo	
3	1001281871	1	Decal - Cab Door Glass Tint	
4	1001281872	1	Decal - Cab Window Tint	
5	1001283372	2	Decal - Turntable R11100 Logo	
6	1001283373	1	Decal - Tanks R11100 Logo	
7	1001283374	1	Decal - Hood JLG/R11100 Logo	

332

R11100



ART_1001275779

SECTION 11 - DECALS

FIGURE 11-2. DECALS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275779	Ref	DECALS INSTALLATION	C
1	1001281869	2	Decal - 13	
2	1001281873	1	Machine Decals Kit (See Separate Breakdown in this Section)	
3	1001281874	1	Decal - Lubrication	
4	1001283405	2	Decal - 11	
5	1001283406	1	Decal - Steering Wheel	
6	1001283407	1	Decal - Manual Control	
7	1001306120	1	Decal - Wheel Alignment	
8	1001306121	1	Decal - Grease Line	

SECTION 11 - DECALS

FIGURE 11-3. MACHINE DECALS KIT



ART_1001281873

FIGURE 11-3. MACHINE DECALS KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281873	Ref	MACHINE DECALS KIT	F
1	1001285653	1	Decal - Hot Surface	
2	1001285654	1	Decal - Boom Prop	
3	1001285655	1	Decal - Bucket	
4	1001286905	4	Decal - Outrigger Max Load	
5	1001286906	4	Decal - Tire Max Load	
6	1001286907	6	Decal - Lifting Point	
7	1001286908	6	Decal - Anchor Point	
8	1001286909	1	Decal - Oil Level Check	
9	1001286910	1	Decal - Battery Isolation	
10	1001286911	1	Decal - Refueling Oil	
11	1001286912	2	Decal - Emergency Exit	
12	1001286913	2	Decal - Cotter Pin	
13	1001286914	1	Decal - Isolation Switch	
14	1001286915	1	Decal - Wind Warning	
15	1001286916	1	Decal - Fire Extinguisher	
16	1001286917	1	Decal - Controller	
17	1001286918	1	Decal - Battery Disconnect Warning	
18	1001286919	1	Decal - Hydraulic Oil (ISO 68)	
19	1001286920	1	Decal - Hydraulic Oil (ISO 32)	
20	1001286921	1	Decal - Hydraulic Oil (ISO 46)	
21	1001286922	1	Decal - Right Joystick Functions	
22	1001286923	1	Decal - Left Joystick Functions	
23	1001286924	1	Decal - Walk Warning	
24	1001286925	1	Decal - Joystick Roller Functions	
25	1001286926	1	Decal - Tire Pressure	
26	1706296	1	Decal - Battery Warning	
27	1706299	1	Decal - Electrical Hazard	
28	1706300	1	Decal - Ether Warning	
29	1706301	1	Decal - Rotating Parts Warning	
30	1706302	1	Decal - Pinch Point Warning	
31	1706306	1	Decal - Tipover Warning	
32	1706768	1	Decal - No Riders	
33	1706850	1	Decal - Boom Crush Hazard	
34	1707078	1	Decal - Cab Warnings	
35	1001136094	1	Decal - Outrigger Crush Hazard	
36	1001139578	1	Decal - Hot Fluid Warning	
37	1001172035	1	Decal - Weld & Drill Warning	
38	1001195849	1	Decal - Personnel Warning	
39	1001196806	1	Decal - Diesel Exhaust Fluid	
40	1001207217	1	Decal - Boom Swing Warning	
41	1001218704	2	Decal - Ultra Low Sulphur	
42	1001219212	1	Decal - DEF Fluid Only	
43	1001227287	1	Decal - Manual Location	
44	1001231801	1	Decal - Prop 65 Warning	

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.	
		Ref	Engine - R11100	
	1001277180	12	Filter, Fuel	
	70030937	12	Filter, Fuel Pre	
	70030938	12	Filter, Oil	
	1001278296	12	Filter, Air (Cab)	
	1001277179	12	Filter, Air (Engine Air Filter - Small)	
	1001277178	12	Filter, Air (Engine Air Filter - Large)	
	1001277182	12	Filter, DEF Pump	
	1001277154	12	Filter, DEF Tank	
	1001275828	12	Filter, Hydraulic Oil (Exterior)	
	1001280583	12	Filter, Hydraulic Oil (In Tank)	
	1001274763	12	Filter, Hydraulic Oil (In Tank)	
	1001274764	12	Filter, Hydraulic Oil (In Tank)	
	1001280479	12	Filter, Hydraulic Oil (In Tank Lid)	

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	
	1001299592	Ref	Aftermarket Attachments List	B
		Ref	Attachments:	
	1001299488	Ref	Carriage - 72 Inch	
	1001299481	Ref	Forks 2-3/8 x 5 x 60 (Set of Two)	
	1001299482	Ref	Forks 2-3/8 x 5 x 72 (Set of Two)	
	1001276579	Ref	Mixing Bucket - 91 Gal	
	1001276580	Ref	Hydraulic Ladle - 158 Gal	
	1001275764	Ref	Backup Alarm Kit	
	1001275965	Ref	Cab Guard Kit	
	1001289155	Ref	Camera Kit - Boom Head	
	1001289631	Ref	Decal Kit	
	1001302808	Ref	Filter Kit - Diesel Cab Heater	
	1001303414	Ref	Grease Line Repair Kit	
	1001276032	Ref	Outrigger Platforms Kit	
	1001302786	Ref	PT Box Kit	
		Ref	Sub-FAPL:	
	1001275757	Ref	A/C Installation	B
	1001275768	Ref	Boom Installation	B
	1001275753	Ref	Cab Installation	C
	1001275756	Ref	Cab Heat Installation	B
	1001275762	Ref	Cylinders Installation	B
	1001275747	Ref	Drivetrain Installation	B
	1001275748	Ref	Engine Installation	B
	1001275636	Ref	Frame Installation	B
	1001275763	Ref	Main Electrical Installation	B
	1001280773	Ref	Harness And Cables Installation	A
	1001275761	Ref	Main Hydraulics Installation	B
	1001280445	Ref	Frame Hydraulics Installation	A
	1001275760	Ref	Outriggers Installation	B
	1001276568	Ref	Platform Installation - 4ft x 7ft	D
	1001276570	Ref	Platform Installation - 8ft x 13-1/2ft Extendable	C
	1001288040	Ref	Service Kit - 500 Hour	
	1001288041	Ref	Service Kit - 1000 Hour	
	1001288043	Ref	Service Kits List	B
	1001295039	Ref	Telematics Kit	
		Ref	Tools:	
	7002821	1	Crimper	
	7002823	1	Extractor	
	7004276	1	Seal Tool 1 1/2" (For Cylinders)	
	7004275	1	Seal Tool 1" (For Cylinders)	
	7002826	1	Seal Tool 2" (For Cylinders)	
	8896941	1	Wire Stripper	
	1001289153	Ref	Worklights Kit - Boom	
	1001289154	Ref	Worklights Kit - Cab	

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

PART NUMBER INDEX

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

0630612.....157	1001228388 307	1001275029 171	1001275756.....340
0700510.....185	1001231801 335	1001275030 21, 241	1001275757.....340
0700614.....74, 151	1001250875 ... 35, 37, 39,	1001275031 205, 229	1001275758.....185
0700618.....83	41	1001275032 229	1001275759.....305
0700808.....25, 271	1001262322 319	1001275033 35, 205	1001275760.....340
0700810.....19, 27, 55	1001262327 319	1001275040 13	1001275761.....340
0700812.....15, 17, 19, 47	1001274571 ... 35, 37, 39,	1001275044 21	1001275762.....340
0700814.....71	41	1001275047 21	1001275763.....340
0700815.....151	1001274584 39, 41	1001275048 21	1001275764.....259, 340
0700816.....63, 83, 305	1001274585 37	1001275049 21	1001275765.....145
0700818.....21	1001274595 35	1001275050 149	1001275766.....141
0700822.....151	1001274596 35	1001275051 25	1001275767.....143
0700826.....74	1001274597 51	1001275054 49, 65	1001275768.....340
0701012.....13, 21, 31, 51,	1001274598 51	1001275055 65	1001275772.....201
55	1001274599 35, 37	1001275059 119	1001275773.....199
0701014...15, 27, 95, 279	1001274601 51	1001275065 21	1001275777.....331
0701015.....95	1001274667 43	1001275066 21	1001275779.....333
0701020.....97	1001274670 205	1001275067 35, 37	1001275802.....15
0701024.....67	1001274691 27	1001275073 13, 27	1001275803.....99
0701026.....71	1001274697 23	1001275078 17	1001275804.....19, 223
0701215.....19, 37, 47	1001274698 167	1001275079 91	1001275805.....13
0701216.....21	1001274712 183	1001275080 81	1001275806.....15
0701218....47, 57, 71, 85,	1001274716 49	1001275081 81	1001275807.....15, 21
87	1001274722 81	1001275082 49, 65	1001275809.....99
0701220.....27	1001274724 25	1001275093 279	1001275810.....25, 35
0701417.....74	1001274725 25	1001275096 25	1001275811.....15
0701619.....55	1001274734 193	1001275278 305	1001275812.....15
0712024.....83	1001274737 17	1001275279 27	1001275813.....91
0760508.....17, 25	1001274738 25	1001275283 173	1001275814.....91
0760608.....45, 74	1001274742 25	1001275284 271	1001275815.....91
0760816.....307	1001274743 313	1001275287 97	1001275816.....91
0761008.....13	1001274744 313	1001275288 ... 57, 67, 71,	1001275817.....17
0761010....13, 21, 31, 83,	1001274745 271, 279	74, 77, 85, 87	1001275818.....19
327	1001274748 74, 77	1001275296 47	1001275819.....17
0761012.....327	1001274749 287	1001275297 241	1001275820.....27, 175
0761016.....25	1001274752 49	1001275310 169	1001275822.....27
0761208.....23	1001274754 81	1001275329 305	1001275823.....49
0761210.....15, 183	1001274755 313	1001275338 13	1001275824.....323
0761212.....39, 41	1001274756 179	1001275341 167	1001275827.....15
0761214.....15, 35	1001274758 215, 219	1001275343 17	1001275828.....215, 338
0761614.....74	1001274760 199, 201	1001275344 21	1001275829.....221
0762016.....17	1001274763 19, 338	1001275345 21	1001275830.....17
1001008967107, 127	1001274764 19, 338	1001275346 ... 57, 71, 85,	1001275886.....35, 37, 45
1001009162.25, 155, 157	1001274769 213	87	1001275887.....307
1001091102.....307	1001274770 207, 209,	1001275373 203	1001275889.....207
1001102830.....67, 151	223	1001275381 209, 213	1001275890.....193
1001102933.....31, 225	1001274774.83, 211, 219,	1001275479 173	1001275891.....35, 323
1001108603.....151, 157,	225, 235, 243	1001275480 167	1001275892.....323
161	1001274775 221, 237	1001275511 215	1001275893.....287
1001111317.....155	1001274776 253	1001275550 143	1001275894.....189
1001116700.....327	1001274965 223	1001275553 27, 305	1001275895.....323
1001116731.....321	1001274966 209	1001275555 27	1001275897.....193, 207
1001117011.....327	1001274971 207	1001275556 97	1001275898.....207, 227
1001130220.....159	1001274975 227	1001275636 340	1001275899.....207
1001136094.....335	1001275002 65	1001275699 221	1001275907.....207
1001139578.....335	1001275007 219, 227	1001275702 167	1001275909.....233
1001144147.....321	1001275008 207	1001275703 167	1001275912.....227
1001172035.....335	1001275011 223	1001275714 25, 221	1001275916.....215
1001175533.....155, 157	1001275017 83	1001275715 47	1001275918.....19
1001195849.....335	1001275018 83	1001275717 241	1001275920.....171
1001196806.....335	1001275020 171	1001275747 340	1001275921.....213
1001207217...85, 87, 335	1001275021 203	1001275748 340	1001275922.....215
1001218704.....335	1001275022 203	1001275749 97	1001275923.....215
1001219212.....335	1001275025 65	1001275750 103	1001275924.....47
1001226636.....321	1001275026 65	1001275751 99	1001275945.....163
1001226637.....321	1001275027 65	1001275752 19	1001275950.....307
1001227287.....335	1001275028 171	1001275753 340	1001275963.....279

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001275964.....	271	1001276205.....	25	1001276298.....	223	1001276513.....	209
1001275965.....	183, 340	1001276206.....	25, 35	1001276299.....	213	1001276514.....	213
1001275969.....	47, 201	1001276207.....	17	1001276300.....	171	1001276517.....	227
1001275971.....	47, 201	1001276208.....	17	1001276301.....	227	1001276532.....	35
1001275973.....	97	1001276209.....	17	1001276302.....	213	1001276533.....	37
1001275975.....	227, 249	1001276210.....	97	1001276303.....	221	1001276534.....	39
1001275977.....	95	1001276211.....	13	1001276323.....	97	1001276535.....	41
1001275980.....	43	1001276212.....	13	1001276324.....	101	1001276536.....	43
1001275981.....	21	1001276215.....	27	1001276325.....	101	1001276537.....	37
1001275983.....	239	1001276216.....	17	1001276326.....	97	1001276538.....	39
1001275984.....	19	1001276217.....	97	1001276327.....	223, 239	1001276539.....	35
1001275986.....	13	1001276218.....	35, 37, 45	1001276328.....	97	1001276540.....	35
1001275987.....	145	1001276220.....	97	1001276331.....	99	1001276542.....	29
1001275988.....	141, 143	1001276221.....	101	1001276332.....	99	1001276543.....	35, 205
1001275989.....	141, 143, 145	1001276222.....	97	1001276333.....	99	1001276544.....	95
1001276002.....	99	1001276223.....	97	1001276334.....	171, 223	1001276545.....	39
1001276003.....	99	1001276224.....	97	1001276335.....	209, 223	1001276546.....	39
1001276004.....	99	1001276225.....	97	1001276336.....	29	1001276547.....	35, 45
1001276005.....	97	1001276226.....	97	1001276337.....	203	1001276548.....	37, 39, 45
1001276006.....	35	1001276227.....	101	1001276338.....	221	1001276551.....	95
1001276032.....	23, 340	1001276241.....	119	1001276339.....	221	1001276552.....	101
1001276074.....	35	1001276242.....	119	1001276340.....	215	1001276553.....	55
1001276075.....	35	1001276243.....	215	1001276405.....	243	1001276558.....	97
1001276076.....	35	1001276244.....	219	1001276407.....	237	1001276559.....	97
1001276077.....	323	1001276245.....	221	1001276408.....	323	1001276560.....	219
1001276078.....	29, 237, 241	1001276246.....	213	1001276410.....	21	1001276562.....	227
1001276079.....	17	1001276247.....	227	1001276411.....	27	1001276564.....	239
1001276082.....	17	1001276248.....	207, 213	1001276412.....	27	1001276565.....	97
1001276084.....	17	1001276249.....	227	1001276413.....	17	1001276568.....	340
1001276085.....	15	1001276250.....	207, 213, 223	1001276414.....	159	1001276570.....	340
1001276086.....	15, 19	1001276252.....	213	1001276415.....	159	1001276573.....	69
1001276087.....	25	1001276253.....	207	1001276416.....	159	1001276574.....	55
1001276088.....	25	1001276254.....	207	1001276417.....	19	1001276575.....	85
1001276090.....	25	1001276255.....	207	1001276418.....	19	1001276576.....	87
1001276091.....	323	1001276256.....	203	1001276419.....	19	1001276577.....	71
1001276092.....	97	1001276257.....	211, 225	1001276420.....	19	1001276579.....	340
1001276096.....	19	1001276258.....	203	1001276422.....	19	1001276580.....	340
1001276098.....	17	1001276260.....	203	1001276437.....	19	1001276628.....	67
1001276099.....	97	1001276261.....	211	1001276468.....	13	1001276629.....	65
1001276100.....	17	1001276262.....	225	1001276471.....	65	1001276783.....	35, 39
1001276101.....	17	1001276263.....	225	1001276473.....	323	1001276784.....	37, 41
1001276102.....	13	1001276264.....	203, 219	1001276475.....	207	1001276785.....	39, 43
1001276103.....	15	1001276266.....	203	1001276476.....	215	1001276786.....	37, 41
1001276104.....	239	1001276267.....	203	1001276477.....	19	1001276787.....	39, 43
1001276105.....	239	1001276270.....	211	1001276478.....	101	1001276788.....	39
1001276106.....	239	1001276271.....	225	1001276483.....	215	1001276789.....	39
1001276107.....	13	1001276272.....	225	1001276484.....	171	1001276790.....	41, 43
1001276108.....	13	1001276275.....	227	1001276485.....	223	1001276791.....	39
1001276109.....	13	1001276276.....	227	1001276487.....	203, 209	1001276792.....	39
1001276110.....	15	1001276277.....	215	1001276488.....	203	1001276793.....	39
1001276111.....	27	1001276278.....	215	1001276493.....	279	1001276794.....	37
1001276112.....	119	1001276279.....	215	1001276495.....	65	1001276795.....	37
1001276190.....	99	1001276280.....	207	1001276496.....	221	1001276796.....	39, 41
1001276191.....	27	1001276281.....	213	1001276498.....	221	1001276797.....	39, 45
1001276192.....	17	1001276282.....	221	1001276499.....	221	1001276798.....	43
1001276193.....	17	1001276283.....	207	1001276500.....	227	1001276799.....	37, 45
1001276194.....	121	1001276285.....	207	1001276501.....	221	1001276800.....	35, 45
1001276195.....	99	1001276286.....	219	1001276503.....	221	1001276801.....	39
1001276196.....	15	1001276287.....	223	1001276504.....	227	1001276802.....	47
1001276197.....	17	1001276288.....	219	1001276505.....	207	1001276803.....	39
1001276198.....	13	1001276289.....	227	1001276506.....	223	1001276804.....	37
1001276200.....	97	1001276292.....	171	1001276507.....	223	1001276805.....	39
1001276201.....	15	1001276293.....	171	1001276508.....	215	1001276806.....	39, 41
1001276202.....	99	1001276294.....	171, 215	1001276509.....	215	1001276807.....	37
1001276203.....	17	1001276295.....	227	1001276510.....	223	1001276808.....	37
1001276204.....	97	1001276296.....	223	1001276511.....	209	1001276809.....	39
				1001276512.....	209	1001276810.....	41

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001276811.....37	1001277007.....159	1001277556.....79	1001278355.....151, 155, 157
1001276812.....39	1001277012.....237	1001277557.....79	1001278356.....151
1001276813.....39	1001277154.....19, 338	1001277558.....79	1001278357.....151
1001276814.....35, 37, 39, 41	1001277156.....209	1001277559.....79	1001278359.....151
1001276815.....37, 39, 41, 43	1001277158.....171	1001277560.....65	1001278360.....151
1001276816.....37, 39, 41, 43	1001277160.....19	1001277667.....47, 49	1001278361.....151
1001276817.....35	1001277161.....19	1001277668.....47	1001278370.....151
1001276818.....37	1001277162.....209	1001277706.....199, 201	1001278372.....151
1001276820.....35, 37, 39, 41	1001277166.....215	1001277707.....199, 201	1001278375.....151
1001276825.....205	1001277167.....155	1001277710.....185	1001278376.....151
1001276826.....205	1001277168.....39	1001277711.....23	1001278377.....151
1001276827.....199, 201	1001277177.....273	1001277715.....163, 165	1001278378.....151
1001276828.....35, 205	1001277178.....101, 338	1001277725.....169	1001278379.....151
1001276829.....35, 205	1001277179.....101, 338	1001277760.....31	1001278380.....151
1001276830.....35, 205	1001277180.....93, 338	1001277766.....31	1001278383.....151
1001276831.....35, 205	1001277181.....101	1001277784.....21, 31, 95	1001278384.....152
1001276832.....35, 205	1001277182.....19, 338	1001277796.....31	1001278385.....155, 157
1001276833.....205	1001277225.....305	1001278044.....13	1001278386.....155, 157
1001276835.....229	1001277226.....271	1001278046.....13	1001278388.....155, 157
1001276836.....229	1001277227.....313	1001278052.....151	1001278389.....155
1001276837.....229	1001277228.....221, 323	1001278055.....13	1001278390.....155, 157
1001276841.....251	1001277230.....139	1001278060.....13, 17	1001278391.....155, 161
1001276847.....205	1001277232.....191	1001278064.....25	1001278392.....155
1001276848.....205	1001277233.....191	1001278065.....25	1001278396.....155, 157
1001276850.....229	1001277235.....215	1001278066.....25	1001278397.....155
1001276851.....205	1001277236.....207	1001278067.....25	1001278398.....155
1001276852.....229	1001277238.....245	1001278071.....25	1001278399.....155
1001276855.....205	1001277239.....245	1001278078.....21, 95	1001278400.....155
1001276862.....205	1001277240.....245	1001278133.....97	1001278402.....155
1001276863.....205	1001277241.....245	1001278136.....97	1001278404.....155
1001276864.....205	1001277242.....219, 245	1001278186.....19, 47, 59, 65, 199, 201, 207, 227, 229, 237	1001278406.....155
1001276883.....305	1001277243.....219	1001278262.....151	1001278407.....155
1001276889.....19, 31, 151, 189	1001277244.....207, 219	1001278264.....149	1001278408.....157
1001276890.....287	1001277245.....207	1001278266.....159	1001278411.....157
1001276891.....189	1001277246.....219	1001278268.....159	1001278413.....157
1001276895.....161	1001277248.....171	1001278270.....159	1001278415.....157
1001276899.....221	1001277250.....227	1001278271.....161	1001278419.....157
1001276901.....211, 223, 225, 245	1001277436.....305	1001278272.....161	1001278420.....161
1001276902.....47, 221	1001277437.....287	1001278273.....161	1001278424.....155, 157
1001276907.....219	1001277438.....287	1001278276.....157	1001278425.....161
1001276910.....215, 219	1001277442.....157	1001278281.....161	1001278426.....157
1001276911.....97	1001277444.....57, 67, 74, 77, 85, 87	1001278286.....161	1001278427.....155, 157
1001276912.....241	1001277446.....209	1001278287.....161	1001278428.....157
1001276918.....39	1001277517.....279	1001278288.....161	1001278434.....273
1001276941.....21	1001277518.....107, 115	1001278289.....161	1001278436.....287, 323
1001276949.....119	1001277526.....47, 59, 171, 207	1001278292.....157	1001278442.....273
1001276951.....141	1001277528.....19, 223, 227	1001278296.....161, 338	1001278443.....273
1001276955.....145	1001277530.....55	1001278316.....193	1001278444.....273
1001276960.....35	1001277531.....55	1001278317.....193	1001278445.....273
1001276970.....21	1001277532.....55	1001278320.....193	1001278446.....273
1001276976.....253	1001277533.....55	1001278324.....193	1001278447.....273
1001276977.....121, 123	1001277534.....55	1001278338.....155	1001278448.....273
1001276991.....287	1001277535.....57, 71, 85, 87	1001278342.....151	1001278449.....273
1001276992.....195	1001277536.....71	1001278343.....151	1001278451.....189
1001276993.....287, 323	1001277541.....65	1001278344.....151	1001278453.....189
1001276994.....323	1001277542.....65	1001278345.....151	1001278475.....189
1001276997.....209	1001277544.....71	1001278346.....151	1001278478.....81
1001276998.....97	1001277546.....79	1001278347.....151	1001278498.....15, 21, 23, 27
1001276999.....97	1001277547.....79	1001278348.....151	1001278499.....241
1001277002.....239	1001277551.....71	1001278349.....151	1001278500.....241
1001277005.....159	1001277552.....55	1001278350.....151	1001278502.....21
	1001277553.....55	1001278351.....151	1001278503.....21
	1001277554.....55	1001278352.....151	1001278622.....163, 167
	1001277555.....67	1001278353.....151	1001278623.....163, 169
		1001278354.....151	

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001278624.....	169	1001279149.....	179	1001279354.....	19	1001280487.....	213
1001278625.....	169	1001279150.....	175, 179	1001279356.....	59, 65, 207	1001280488.....	213
1001278626.....	173	1001279151.....	179	1001279358.....	223, 227	1001280489.....	213, 227
1001278627.....	173	1001279239.....	203, 207,	1001279363.....	171	1001280490.....	213
1001278628.....	173		209, 213, 215, 223, 227	1001279366.....	207	1001280491.....	213, 215
1001278629.....	173	1001279240.....	203, 211,	1001279376.....	207, 213	1001280492.....	65, 207, 213
1001278630.....	173		213, 219, 225	1001279379.....	221	1001280493.....	83, 213
1001278631.....	173	1001279241.....	203, 219	1001279538.....	15	1001280494.....	213
1001278632.....	173	1001279242.....	203, 209	1001279539.....	13	1001280495.....	213
1001278634.....	305	1001279243.....	203	1001279540.....	17	1001280511.....	207, 215,
1001278635.....	259	1001279244.....	203, 219,	1001279541.....	25		219
1001278637.....	241		223	1001279542.....	27	1001280512.....	207, 215
1001278649.....	313	1001279246.....	203, 211,	1001279543.....	15	1001280513.....	215
1001278650.....	313		225, 227	1001279544.....	15	1001280514.....	215
1001278651.....	313	1001279247.....	203	1001279546.....	13	1001280515.....	215
1001278652.....	313	1001279248.....	207, 221,	1001279547.....	13	1001280516.....	215
1001278654.....	287		237	1001279548.....	17	1001280517.....	171, 215
1001278657.....	287	1001279253.....	223	1001279549.....	17	1001280519.....	215
1001278660.....	287	1001279254.....	227	1001279550.....	17	1001280520.....	215
1001278667.....	293	1001279256.....	221, 227	1001279551.....	17, 25	1001280521.....	216
1001278668.....	311	1001279257.....	215	1001279555.....	27	1001280525.....	219
1001278671.....	81, 323	1001279261.....	171	1001279623.....	219	1001280526.....	219
1001278672.....	81, 323	1001279262.....	225	1001280414.....	91	1001280529.....	221
1001278673.....	81, 323	1001279270.....	219	1001280415.....	101	1001280531.....	221
1001278675.....	155	1001279271.....	209, 215,	1001280416.....	95	1001280532.....	227
1001278720.....	35, 45		219, 221	1001280419.....	97	1001280533.....	227
1001278721.....	35, 37, 39,	1001279277.....	59, 83	1001280420.....	97	1001280535.....	171, 227
	43	1001279278.....	83, 219, 235,	1001280421.....	97	1001280537.....	207, 227,
1001278722.....	41		243, 253	1001280445.....	340		323
1001278726.....	37, 39	1001279279.....	215	1001280446.....	203	1001280538.....	207, 227
1001278727.....	41	1001279281.....	207, 213,	1001280447.....	223	1001280540.....	207
1001278728.....	37, 39		223, 227	1001280448.....	209	1001280542.....	207
1001278729.....	74	1001279282.....	215	1001280449.....	213	1001280543.....	207
1001278730.....	51	1001279283.....	215, 221,	1001280450.....	215	1001280544.....	207
1001278731.....	51		223, 227	1001280451.....	211	1001280545.....	207
1001278732.....	51	1001279284.....	171, 205,	1001280452.....	225	1001280550.....	239
1001278733.....	51		207, 221, 227	1001280453.....	219	1001280571.....	21
1001278738.....	41	1001279285.....	215	1001280454.....	221	1001280573.....	99
1001279097.....	47, 201	1001279286.....	213	1001280455.....	227	1001280574.....	99
1001279098.....	171, 205,	1001279290.....	203, 213,	1001280456.....	207	1001280575.....	99
	215, 221, 223, 227		223	1001280457.....	233	1001280576.....	99
1001279099.....	47	1001279292.....	31	1001280458.....	191	1001280577.....	99
1001279102.....	47, 219	1001279296.....	19, 215	1001280460.....	29	1001280578.....	99
1001279103.....	59, 83	1001279297.....	227	1001280461.....	233	1001280579.....	19
1001279104.....	221	1001279299.....	223	1001280462.....	235	1001280580.....	19
1001279105.....	47, 59, 83,	1001279309.....	213	1001280463.....	235	1001280582.....	19, 223
	171, 241	1001279312.....	219	1001280464.....	243	1001280583.....	19, 338
1001279108.....	205	1001279316.....	219	1001280465.....	237	1001280584.....	19
1001279109.....	199	1001279317.....	207	1001280466.....	237	1001280585.....	19
1001279110.....	49	1001279318.....	207, 215	1001280469.....	253	1001280586.....	19
1001279111.....	49	1001279319.....	207	1001280470.....	237	1001280587.....	19
1001279112.....	49	1001279321.....	215	1001280472.....	29	1001280588.....	19
1001279114.....	271	1001279323.....	47, 59, 171,	1001280473.....	29	1001280773.....	340
1001279115.....	271		199, 201, 221, 227, 229	1001280474.....	29	1001280774.....	287
1001279116.....	279	1001279324.....	171, 207,	1001280475.....	211, 213,	1001280775.....	323
1001279117.....	279		223		223	1001280776.....	313
1001279118.....	259, 271	1001279330.....	83, 207	1001280476.....	223	1001280786.....	287
1001279119.....	271	1001279336.....	209	1001280477.....	223	1001280787.....	287
1001279120.....	271	1001279337.....	209, 213,	1001280478.....	171, 177,	1001280790.....	273, 287
1001279125.....	307		215, 223, 227		215, 223	1001280792.....	273, 287
1001279142.....	179	1001279340.....	215	1001280479.....	19, 338	1001280794.....	287
1001279143.....	179	1001279341.....	215	1001280480.....	65, 213, 221,	1001280796.....	287
1001279144.....	179	1001279344.....	223		223, 227	1001280798.....	287
1001279145.....	179	1001279345.....	215	1001280481.....	223	1001280799.....	287
1001279146.....	179	1001279346.....	213	1001280482.....	209	1001280800.....	287
1001279147.....	179	1001279349.....	215	1001280485.....	213	1001280801.....	287
1001279148.....	175, 179	1001279350.....	215	1001280486.....	213	1001280802.....	323

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001280861.....171	1001281024.....189	1001281371.....31	1001282480.....265
1001280862.....175	1001281025.....189	1001281372.....31	1001282481.....289
1001280864.....171	1001281026.....189	1001281373.....31	1001282482.....283
1001280865.....171	1001281027.....139	1001281374.....31	1001282483.....325
1001280866.....171	1001281028.....189	1001281375.....31	1001282484.....315
1001280868.....173	1001281029.....189	1001281376.....31	1001282485.....269
1001280869.....175	1001281030.....189	1001281377.....31	1001282486.....291
1001280870.....175	1001281031.....189	1001281378.....179	1001282491.....309
1001280871.....175	1001281032.....189	1001281583.....159	1001282534.....241
1001280872.....175	1001281033.....189	1001281585.....175	1001282643.....161
1001280873.....175	1001281034.....189	1001281586.....175	1001282644.....159
1001280875.....175	1001281035.....189	1001281587.....175	1001282645.....159
1001280876.....175, 177	1001281036.....189	1001281589.....175	1001282659.....307
1001280877.....181	1001281037.....189	1001281591.....175	1001282660.....307
1001280878.....175	1001281038.....189	1001281592.....175	1001282661.....307
1001280879.....175	1001281039.....189	1001281594.....305	1001282663.....307
1001280880.....177	1001281040.....189	1001281685.....175	1001282664.....307
1001280881.....177	1001281043.....189	1001281686.....175	1001282665.....307
1001280882.....177	1001281044.....189	1001281720.....281	1001282916.....35, 37, 41
1001280883.....177	1001281045.....189	1001281721.....297	1001282917.....37, 39, 41,
1001280884.....177	1001281046.....273	1001281731.....271, 327	43
1001280885.....177	1001281047.....273	1001281732.....271	1001282918.....35
1001280887.....181	1001281048.....273	1001281733.....307	1001282919.....35
1001280888.....181	1001281051.....273	1001281734.....307	1001282925.....141
1001280889.....181	1001281053.....273	1001281735.....307	1001282931.....143
1001280890.....179, 181	1001281057.....273	1001281736.....307	1001283199.....223
1001280891.....181	1001281216.....35	1001281835.....267	1001283200.....223
1001280892.....181	1001281217.....37	1001281836.....267	1001283201.....223
1001280893.....181	1001281218.....39	1001281837.....267	1001283202.....239
1001280894.....181	1001281219.....41	1001281840.....267	1001283203.....213
1001280895.....181	1001281220.....43	1001281841.....267	1001283204.....216
1001280896.....181	1001281221.....45	1001281842.....267	1001283208.....287
1001280908.....29	1001281222.....205	1001281843.....267	1001283209.....81, 323
1001280920.....149	1001281223.....273	1001281844.....267	1001283234.....221
1001280921.....157	1001281224.....121	1001281845.....267	1001283236.....227
1001280924.....161	1001281225.....35	1001281846.....267	1001283238.....207
1001280925.....159	1001281226.....119	1001281849.....47, 201, 267	1001283239.....29
1001280926.....195	1001281227.....107	1001281865.....331	1001283263.....247
1001280927.....193	1001281228.....35, 45	1001281866.....331	1001283286.....221
1001280928.....189	1001281229.....127	1001281869.....333	1001283287.....221
1001280929.....273	1001281230.....139	1001281871.....331	1001283372.....331
1001280930.....149	1001281232.....119	1001281872.....331	1001283373.....331
1001280932.....157	1001281233.....127, 135	1001281873.....333, 335	1001283374.....331
1001280933.....157	1001281234.....139	1001281874.....333	1001283405.....333
1001280934.....157	1001281235.....37, 39, 45	1001282012.....299	1001283406.....333
1001280936.....157	1001281236.....37, 51	1001282013.....295	1001283407.....333
1001280997.....161	1001281237.....45	1001282158.....25	1001283550.....49
1001280998.....159	1001281238.....45	1001282267.....13	1001283552.....47
1001280999.....159	1001281239.....45	1001282268.....13	1001283553.....199, 201
1001281001.....159	1001281240.....45	1001282269.....101	1001283554.....199
1001281002.....159	1001281244.....45	1001282270.....99	1001283679.....79
1001281003.....159	1001281245.....45	1001282271.....99	1001283680.....77
1001281004.....195	1001281246.....35, 205, 229	1001282272.....103	1001283681.....74, 77
1001281005.....195	1001281247.....205, 229	1001282273.....103	1001283682.....74, 77
1001281006.....195	1001281355.....179	1001282370.....229	1001283683.....74, 77
1001281007.....195	1001281356.....31	1001282371.....229	1001283684.....74, 77
1001281008.....193	1001281357.....179	1001282372.....229	1001283685.....74, 77
1001281011.....193	1001281361.....31	1001282382.....229	1001283686.....74, 77
1001281014.....189	1001281362.....31	1001282471.....261	1001283687.....74, 77
1001281015.....189	1001281363.....31	1001282472.....263	1001283688.....74, 77
1001281017.....189, 271	1001281364.....31	1001282473.....317	1001283689.....74, 77
1001281018.....47, 189	1001281365.....31	1001282474.....277	1001283691.....74, 77
1001281020.....189	1001281366.....31	1001282475.....275	1001283692.....74, 77
1001281021.....189, 201,	1001281367.....31	1001282476.....303	1001283693.....74, 77
279	1001281368.....31	1001282477.....257	1001283694.....57, 71, 74,
1001281022.....189	1001281369.....31	1001282478.....301	77, 85, 87
1001281023.....189	1001281370.....31	1001282479.....285	1001283699.....69

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1001283700.....	79	1001284107.....	69	1001284227.....	57	1001288041.....	340
1001283701.....	79	1001284108.....	69	1001284228.....	57	1001288043.....	340
1001283702.....	79	1001284109.....	69	1001284229.....	57	1001288299.....	319, 321
1001283703.....	79, 81	1001284110.....	69	1001284230.....	57	1001288883.....	327
1001283704.....	81	1001284111.....	69	1001284231.....	57	1001288892.....	327
1001283705.....	81	1001284112.....	69	1001284232.....	57	1001288893.....	327
1001283706.....	81	1001284113.....	69	1001284233.....	57	1001288894.....	327
1001283707.....	81	1001284114.....	69	1001284234.....	57	1001289153.....	340
1001283786.....	74	1001284115.....	69	1001284235.....	57	1001289154.....	340
1001283787.....	83	1001284116.....	69	1001284236.....	57	1001289155.....	340
1001283788.....	74	1001284117.....	69	1001284237.....	57	1001289304.....	319
1001283789.....	74	1001284118.....	69	1001284238.....	57	1001289631.....	340
1001283790.....	74	1001284119.....	69	1001284239.....	57	1001289768.....	67
1001283791.....	74	1001284120.....	69	1001284240.....	57	1001289787.....	189
1001283792.....	74	1001284121.....	69	1001284241.....	57	1001289789.....	189
1001283793.....	74	1001284122.....	69	1001284242.....	59	1001289793.....	189
1001283794.....	74	1001284123.....	69	1001284243.....	59	1001289809.....	287
1001283795.....	74	1001284124.....	69	1001284244.....	59	1001289830.....	91, 93
1001283796.....	74	1001284125.....	69	1001284245.....	59	1001289834.....	189
1001283797.....	74	1001284126.....	69	1001284246.....	59	1001289835.....	189
1001283798.....	74	1001284127.....	69	1001284247.....	59	1001289840.....	152
1001283799.....	74	1001284128.....	69	1001284248.....	59	1001289841.....	151
1001283800.....	74	1001284129.....	69	1001284250.....	57	1001289870.....	209
1001283801.....	74	1001284130.....	85, 87	1001284251.....	57	1001289872.....	209
1001283802.....	74	1001284134.....	71	1001284252.....	59	1001289984.....	209
1001283803.....	74	1001284135.....	85	1001284292.....	59	1001290281.....	177
1001283804.....	74	1001284136.....	85	1001284561.....	67	1001293245.....	189
1001283806.....	74	1001284137.....	85	1001284563.....	67	1001293246.....	167
1001283807.....	74	1001284187.....	87	1001284564.....	65	1001293247.....	203
1001283808.....	74	1001284188.....	87	1001284565.....	65	1001293248.....	167
1001283809.....	74	1001284189.....	87	1001284787.....	167	1001294738.....	31, 223
1001283810.....	75	1001284190.....	87	1001284788.....	167	1001295039.....	340
1001283813.....	75	1001284191.....	87	1001284818.....	181	1001296406.....	279
1001283814.....	75	1001284192.....	87	1001284980.....	85, 87	1001296407.....	279
1001283815.....	75	1001284193.....	87	1001284983.....	85, 87	1001296408.....	271
1001283816.....	75	1001284194.....	87	1001285653.....	335	1001298998.....	175
1001283817.....	75	1001284195.....	87	1001285654.....	335	1001299002.....	221
1001283818.....	75	1001284196.....	87	1001285655.....	335	1001299004.....	203, 227
1001283819.....	75	1001284197.....	87	1001286173.....	287	1001299005.....	203, 213, 219
1001283820.....	75	1001284198.....	87	1001286905.....	335	1001299006.....	203
1001283821.....	83	1001284199.....	87	1001286906.....	335	1001299009.....	323
1001283822.....	83	1001284200.....	87	1001286907.....	335	1001299011.....	41, 43
1001283823.....	83	1001284201.....	87	1001286908.....	335	1001299100.....	23
1001283824.....	83	1001284202.....	87	1001286909.....	335	1001299481.....	340
1001283825.....	83	1001284203.....	87	1001286910.....	335	1001299482.....	340
1001283826.....	83	1001284204.....	87	1001286911.....	335	1001299488.....	340
1001283827.....	83	1001284205.....	87	1001286912.....	335	1001299592.....	340
1001283828.....	83	1001284206.....	87	1001286913.....	335	1001302444.....	19
1001283829.....	83	1001284207.....	87	1001286914.....	335	1001302525.....	39
1001283830.....	83	1001284208.....	87	1001286915.....	335	1001302786.....	340
1001283831.....	83	1001284209.....	87	1001286916.....	335	1001302808.....	340
1001283833.....	83	1001284210.....	87	1001286917.....	335	1001303168.....	213
1001283834.....	83	1001284211.....	87	1001286918.....	335	1001303414.....	340
1001283844.....	65	1001284212.....	57, 62	1001286919.....	335	1001303764.....	171
1001283845.....	65	1001284213.....	57	1001286920.....	335	1001306120.....	333
1001283846.....	65	1001284214.....	57	1001286921.....	335	1001306121.....	333
1001283847.....	65	1001284215.....	57	1001286922.....	335	1001306407.....	77
1001283848.....	65	1001284216.....	57	1001286923.....	335	1001306867.....	77
1001283849.....	65	1001284217.....	57	1001286924.....	335	10725627.....	117, 136
1001283857.....	55	1001284218.....	57	1001286925.....	335	1706296.....	335
1001283858.....	55	1001284219.....	57	1001286926.....	335	1706299.....	335
1001283859.....	55	1001284220.....	57	1001286956.....	74	1706300.....	335
1001284102.....	69	1001284221.....	57	1001286960.....	75	1706301.....	85, 87, 335
1001284103.....	69	1001284223.....	57	1001287162.....	95	1706302.....	335
1001284104.....	69	1001284224.....	57	1001287163.....	95	1706306.....	335
1001284105.....	69	1001284225.....	57	1001287383.....	193	1706768.....	335
1001284106.....	69	1001284226.....	57	1001288040.....	340		

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

1706850.....85, 87, 335	4812300.....55	70030508.....165	70030639.....219
1707078.....335	4812500. 37, 39, 45, 107, 127	70030509.....165	70030640.....219
2160016.....57, 87	4812700.....35, 41, 45	70030510.....165	70030642.....241
2171716.....209	4831700.....45	70030511.....165	70030643.....241
2171733.....209	4831900.....271, 305	70030512.....165	70030644.....241
3290405.....307	4832000.....31, 83, 327	70030513.....165	70030645.....241
3290601.....45, 323	4832300.....74, 121	70030514.....165	70030646.....241
3290605.74, 83, 151, 157	4871700.....151	70030515.....165	70030648.....251
3290605001.....29, 45	70021140.....135	70030516.....165	70030674.....62
3290801.....151	70021613.....136	70030517.....165	70030675.....62
3290805....15, 25, 55, 63, 71, 74, 83, 151, 155, 157, 307	70021898.....136	70030518.....165	70030676.....62
3291001.....193	70024146.....116, 136	70030519.....165	70030677.....62
3291005..25, 63, 71, 279, 327	70024147.....116, 136	70030520.....165	70030678.....62
3291005001.....67	70024207.....115	70030521.....165	70030679.....62
3291202.....151, 193	70024210.....117, 137	70030522.....165	70030680.....62
3291205....19, 47, 57, 71, 85, 87	70024519.....135	70030523.....165	70030681.....62
3291601.....35, 37, 39, 43	70024522.....115, 135	70030524.....165	70030682.....62
3291605.....55	70024872.....115	70030525.....165	70030683.....62
3292205.....149	70024881. 116, 117, 136, 137	70030526.....165	70030684.....62
3332011.....37, 39, 41, 45	70025555.....115, 135	70030527.....165	70030685.....62
3332015.13, 83, 107, 127	70025556.....115, 135	70030528.....165	70030686.....62
3968141.....115, 135	70025561.....116, 136	70030529.....165	70030687.....62
4010410002.....267	70025562. 115, 116, 135, 136	70030530.....165	70030688.....62
4010510.....169	70025566.....117, 137	70030531.....165	70030689.....62
4010514.....151	70025569.....135	70030532.....165	70030690.....62
4010608.....151, 157	70025570.....135	70030533.....165	70030691.....62
4010610002.....161	70025821.....136	70030534.....165	70030692.....62
4010612.....157	70025822.....136	70030535.....165	70030693.....62
4010612002.....152, 159	70025823.....117, 136	70030536.....165	70030694.....62
4010810002.....161	70025842.....117, 137	70030537.....165	70030695.....62
4031505.....241	70025857.....115, 135	70030538.....233	70030696.....62
4031507.....307	70025981.....117	70030539.....233	70030697.....62
4031605.....139	70026002.....116, 136	70030540.....233	70030698.....62
4031607.....161	70026262.....116	70030541.....233	70030699.....62
4031708.....161	70026623.....116	70030543.....233	70030700.....62
4031717.....29	70026631.....115, 135	70030557.....83	70030701.....62
4031908.....155	70026799.....117, 137	70030558.....83	70030702.....62
4031920.....47, 199, 201	70026802.....135	70030559.....83	70030703.....62
4032010.....215	70026814.....115	70030560.....83	70030704.....62
4032311.....37, 39	70026977.....115, 135	70030561.....83	70030706.....62
4032314.....121	70027317.....117, 136	70030562.....83	70030707.....62
4092316.....37, 39, 41	7002821.....340	70030568.....245	70030708.....62
4460464.....321	7002823.....340	70030571.....245	70030709.....62
4460466.....307, 321	7002826.....340	70030573.....245	70030710.....62
4460932.....321	70028452.....136	70030579.....237	70030711.....62
4460941.....321	70028468.....117, 137	70030599.....305	70030712.....62
4740571.....221	70028471.....115, 135	70030600.....305	70030713.....62
4811600.....151	70028475.....117, 137	70030601.....305	70030714.....62
4811602.17, 25, 161, 185	70028476.....117, 137	70030602.....305	70030715.....62
4811700.....29, 151, 157, 161	70028477.....117, 137	70030603.....305	70030716.....62
4811702.....29, 74, 157	70028535.....117, 137	70030604.....305	70030717.....62
4811900....19, 27, 71, 74, 151, 155, 157, 307	70028647.....116, 136	70030605.....305	70030718.....62
4811902....15, 17, 21, 25, 55, 71, 151, 155, 157, 161, 271, 305, 307	70028733.....116	70030606.....305	70030720.....62
4812000....13, 25, 55, 67, 279, 327	70028940.....115	70030607.....305	70030721.....62
4812002.....31, 327	70028943.....116	70030608.....305	70030722.....62
4812100....15, 19, 57, 71, 85, 87, 151, 183	70028944.....116	70030609.....305	70030723.....62
4812102.....47	70029445.....117, 137	70030610.....305	70030724.....62
	70030150.....135	70030611.....305	70030725.....63
	70030502.....165	70030612.....305	70030726.....63
	70030503.....165	70030613.....305	70030727.....63
	70030504.....165	70030614.....305	70030728.....63
	70030505.....165	70030615.....305	70030729.....63
	70030506.....165	70030616.....305	70030730.....63
	70030507.....165	70030617.....305	70030732.....63
		70030618.....305	70030733.....63
		70030619.....305	70030734.....63
		70030620.....305	70030735.....63

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

70030736	63	70030854	123	70030916	124	80204065	116, 136
70030737	63	70030856	123	70030917	124	80204071	115, 135
70030738	63	70030857	123	70030918	124	80204076	116, 136
70030739	63	70030858	123	70030919	124	80204108	117
70030740	63	70030859	123	70030920	124	80204117	116, 117, 136,
70030743	63	70030860	123	70030921	124	137	
70030744	63	70030861	123	70030922	124	8405007	171, 179
70030745	63	70030862	123	70030923	233	8406109	307
70030746	63	70030863	123	70030924	233	8410012	97
70030747	63	70030864	123	70030925	233	8640123	215
70030748	63	70030865	123	70030926	233	8896941	340
70030749	63	70030866	123	70030927	93	91403193	141, 143, 145
70030750	63	70030867	123	70030928	93	91474507	115, 116, 135
70030751	63	70030868	123	70030929	93	91474512	115, 135
70030752	63	70030869	123	70030930	93	91474516	117, 137
70030753	63	70030870	123	70030931	93	91474522	117, 137
70030754	63	70030871	123	70030932	93	91474529	115, 135
70030755	63	70030872	123	70030937	93, 338	91474531	115, 135
70030757	63	70030873	123	70030938	93, 338	91474533	115, 135
70030758	63	70030874	123	70030940	93	91474539	115, 135
70030759	63	70030875	123	70030992	115, 135	91474547	115, 135
70030760	63	70030876	123	70031004	135	91474549	115
70030761	63	70030877	123	70031005	135	91474550	115, 135
70030762	63	70030878	123	70031006	116, 136	91474551	115, 135
70030763	63	70030879	123	70031007	116, 136	91474553	115, 135
70030764	63	70030880	123	70031008	136	91474554	115
70030765	63	70030881	123	70031009	116	91474559	116
70030766	63	70030882	123	70031011	116	91474560	116
70030767	63	70030883	123	70031012	117	91474561	116
70030768	63	70030884	123	70031013	115	91474564	116
70030770	235	70030885	123	70031391	305	91474565	117
70030771	235	70030886	123	70031393	305	91474570	117
70030772	235	70030887	123	70031476	63	91474591	115, 135
70030773	235	70030888	123	70040713	116, 136	91474593	135
70030774	243	70030889	123	7004275	340	91474595	135
70030775	243	70030890	123	7004276	340	91514081	115, 135
70030776	243	70030891	123	70047343	117, 136	91514082	115, 135
70030777	243	70030892	123	7028084	117, 137	91514083	115
70030778	243	70030893	123	7028706	115, 116, 135,	91514084	115
70030779	237	70030894	123	136		91514095	116, 136
70030780	237	70030895	123	7028714	116, 136	91514098	115, 135
70030781	237	70030896	123	7028715	116, 136	91514111	116, 135
70030782	237	70030897	123	7028716	116, 136	91514112	116, 136
70030783	237	70030898	123	7028724	116, 136	91514134	115, 135
70030784	237	70030899	123	7028725	116, 136	91514146	115, 135
70030785	237	70030900	123	7028726	116, 136	91514147	115, 135
70030786	237	70030901	123	7028731	116, 136	91514148	115, 135
70030788	209	70030902	123	7028732	116, 136	91514154	117, 136
70030789	247	70030903	124	7028733	116, 136	91514159	117, 136
70030790	247	70030904	124	7028734	116	91514175	116, 136
70030791	247	70030905	124	7028735	116	91514177	116, 136
70030792	247	70030906	124	7029131	115, 135	91514178	116, 136
70030813	249	70030907	124	7029311	116, 136	91514179	116, 136
70030814	249	70030908	124	7029427	115, 135	91514180	116, 136
70030815	249	70030909	124	7029785	136	91514181	116, 136
70030816	249	70030910	124	7029787	117	91514188	115, 116, 135,
70030818	249	70030911	124	8000877	116, 136	136	
70030821	249	70030912	124	8007751	115	91514189	116, 136
70030822	249	70030913	124	8007755	115		
70030824	249	70030914	124	80204005	115, 135		
70030853	123	70030915	124	80204060	117		



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