JERR-DAN

Illustrated Parts Manual

Model
JD 35TON IND
HDUL WRECKER

SN 0230011070 to Present

Including SN's 0230010761, 0230010763, 0230010765 & 0230010822

P/N
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An Oshkosh Corporation Company

REVISION LOG

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GENERAL INFORMATION

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Information contained in this manual reflects how this vehicle was built at the factory. Modifications or additions by the distributor or owner are not reflected in this manual.

This parts manual does not include service parts information for the commercial chassis (IHC, Ford, GM, etc.). That information is provided by the chassis manufacturer.

When ordering parts, please refer to your unit's Serial Number and Model Number. This information is be found on the aluminum tag riveted to the inside of the driver's side rear compartment of the main body.



Additional or replacement manuals can be ordered by calling Jerr-Dan Parts at 717-597-7111. Price and availability will be quoted at time of the request.

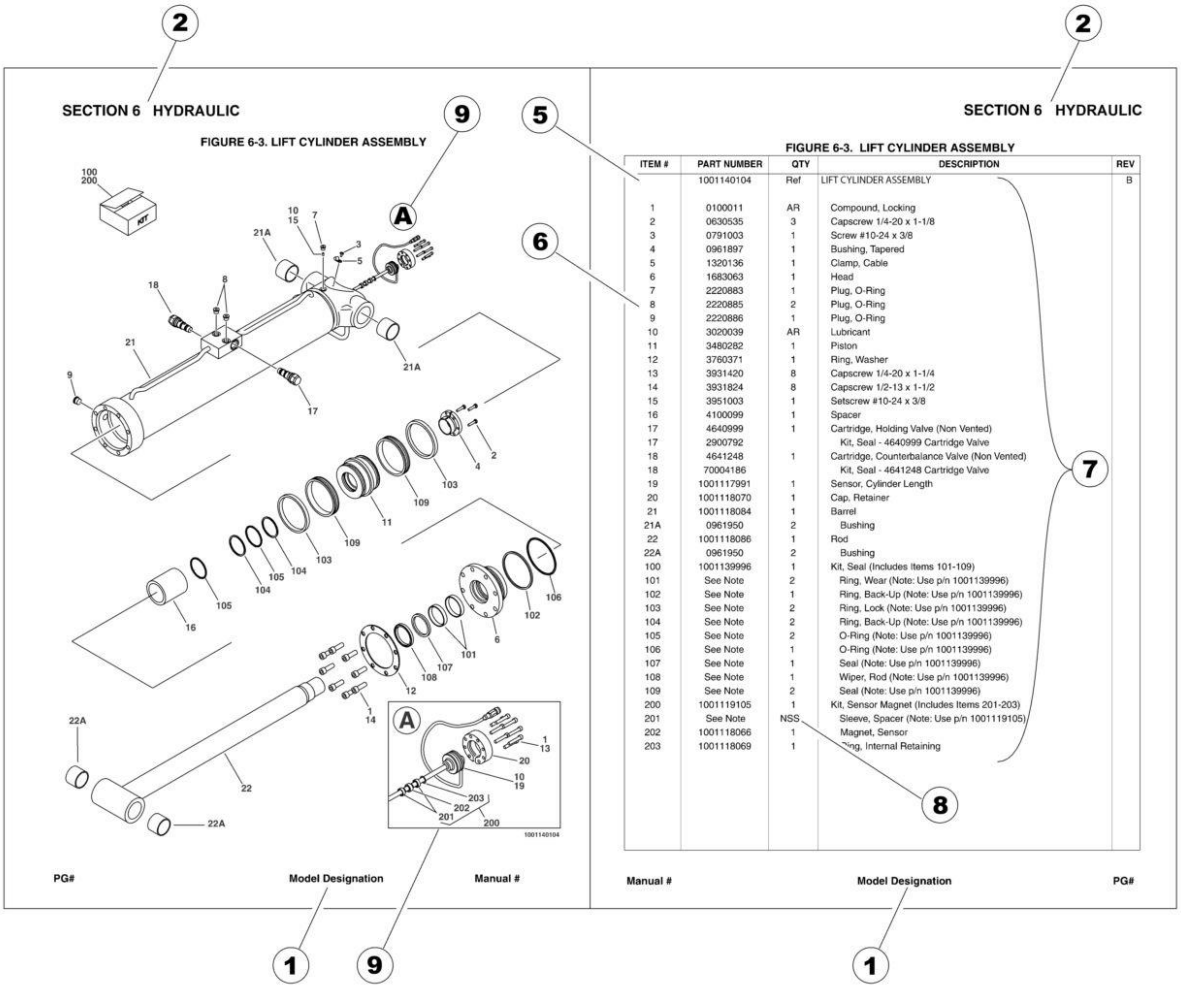
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Manufactured under one or more of the following patents: 5,575,606; 5,672,042; 5,697,741; 5,713,714; 5,722,810; 5,782,596; 5,839,775 and 6,315,515 B1 with other Patents Pending.

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GENERAL INFORMATION



1) MACHINE IDENTIFICATION

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

2) PARTS MANUAL ORGANIZATION

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

3) TABLE OF CONTENTS (NOT SHOWN)

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

4) BUILD DOCUMENTS (NOT SHOWN)

The Build Documents, located near the end of the manual, reference components not available at the purchase level. These PNs list assembly instructions and assist in the maintenance of the parts manual.

GENERAL INFORMATION

5) NON-SERVICED PARTS

In some instances, it is necessary to display non-serviced parts, assemblies or installations. In the case of assemblies and installations there will be a Ref in the Qty. column. In case of parts that are not available for service within assemblies or components, there will be a NSS (Not Sold Separately) or NLA (No Longer Available) listed in the Qty. column of the manual.

6) PARTS LIST ITEM NUMBERS

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

7) INDENTED PARTS DESCRIPTION

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

8) ABBREVIATION AND SYMBOLS

AC..... Alternating Current
ALUM.....Aluminum
AG.....Agricultural
ANSI.....American National Standards Institute
AR.....As Required
AUS.....Australias
ASSY..... Assembly
AUX.....Auxiliary
AWG.....American Wire Gauge
CA.....Cab To Axle
CE.....European Conformity
CCW.....Counter Clockwise
CM.....Centimeter
CT .....Cab To Tandem
CW.....Clockwise
CSA.....Canadian Standards Association
CYL.....Cylinder
DIA.....Diameter
DC.....Direct Current
DOT.....Department of Transportation
EMS..... Emergency Stop
ENG.....Engine
FT(ft) .....Feet
GA(Ga).....Gauge
GAL.....Gallons
GVW.....Gross Vehicle Weight
HD.....Heavy Duty
HYD.....Hydraulic
Hz.....Hertz
ID.....Inside Diameter
IN.....inches
IND.....Independent
IRL.....Independent Reach/Lift
INT.....Integrated
ISO..... International Organization for Standards
JIC.....Joint Industry Council
KG.....Kilogram
L.....Liter
LD.....Light Duty
LB(LBS).....Pounds
LCD..... Liquid Crystal Display
LED..... .Light Emitting Diodes
LH.....Left Hand
M(m).....Metric/Meter
MD.....Medium Duty
MM (mm).....Milimeter
mA.....Miliamps
NLA.....No Longer Available
NPT..... National Pipe Threads
NSS.....Not Sold Separately
OD.....Outside Diameter
ORB.....O-Ring Boss
ORFS.....O-Ring Face Seal
OZ (oz).....Ounces
PG.....Page
PN.....Part Number
PTO.....Power Take Off
QT(qt.). .....Quarts
QTY.....Quantity
REF.....Reference
REV.....Revision Level
RH.....Right Hand
SAE.....Society of Automotive Engineers
SD.....Standard Duty
SN..... ..Serial Number
SPEC(S).....Specifications
SS.....Stainless Steel
STD.....Standards
STL.....Steel
UGM.....Universal Ground Module
V.....Volts
W.....Watts
WB.....Wheel Base
#.....Number

9) ILLUSTRATION REFERANCE LETTERS

When necessary, illustrations may contain reference letters that are intended to track information (i. e. hoses, harnesses) from one point to another or to track visual enlargement of components to show details that may be located in another area on the illustration.

Note: Due to continuous product improvements, Jerr-Dan Corporation reserves the right to make specification changes without prior notification. Contact Jerr-Dan for updated information.

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SECTION 1 - SUBFRAME

SECTION 1 - SUBFRAME

FIGURE 1-1. SUBFRAME INSTALLATION

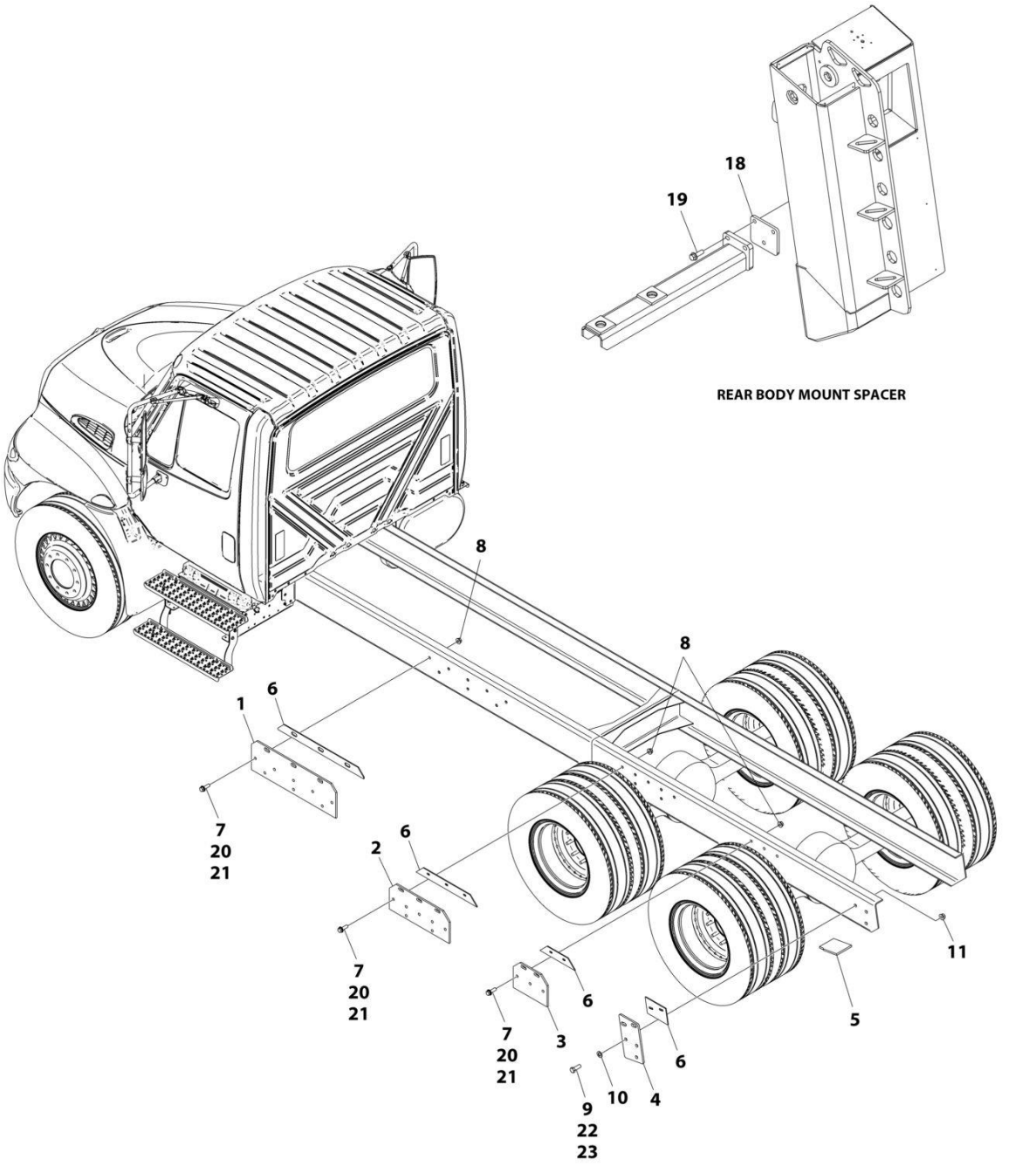


FIGURE 1-1. SUBFRAME INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3577000117	Ref	WRECKER KIT	H
1	1001144626	2	Plate	
2	1001144657	2	Plate	
3	1001144730	2	Plate	
4	4706002554	2	Plate	
5	4062000688	2	Plate	
6	3577000118	1	Shim Kit	
6	4062000269	2	Bar	
6	4706002163	2	Plate	
6	4706002555	2	Plate	
6	4706002556	2	Plate	
7	7118222416	36	Capscrew 3/4 x 3	
8	7660222308	36	Nut 3/4	
9	7118242450	6	Capscrew 3/4 x 3	
10	7949000061	6	Washer	
11	7660242308	6	Nut 3/4	
18	1001186982	2	Plate	
19	0641813	AR	Bolt 1/2 x 1-5/8	
20	7118222016	AR	Bolt 3/4 x 2-1/2	
21	7118222816	AR	Capscrew 3/4 x 3-1/2	
22	7118242050	AR	Capscrew 7/8 x 2-1/2	
23	0682428001	AR	Bolt 7/8 x 3-1/2	

FIGURE 1-2. STABILIZERS INSTALLATION - REAR

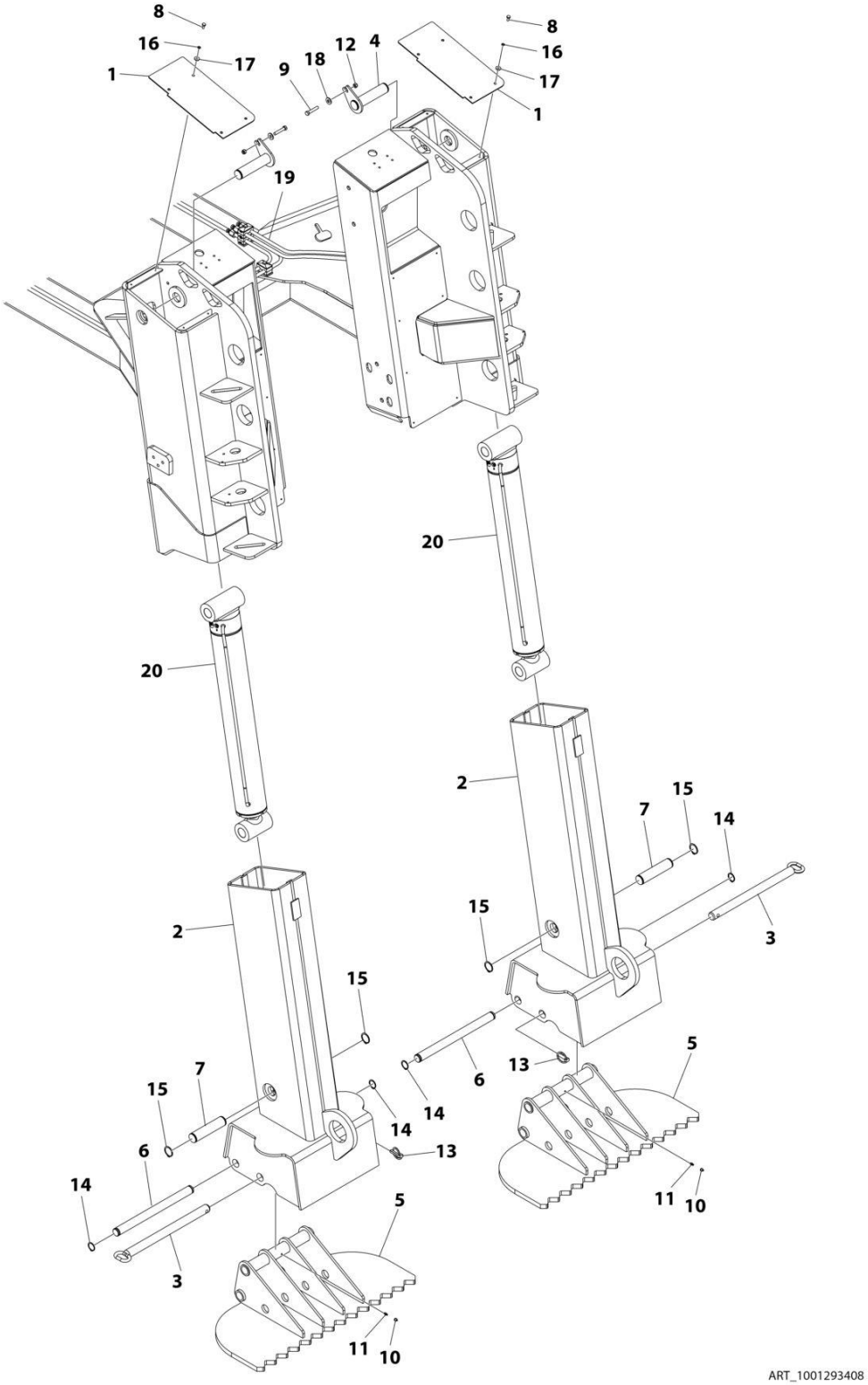


FIGURE 1-2. STABILIZERS INSTALLATION - REAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001293408	Ref	STABILIZERS INSTALLATION - REAR	B
1	1001293556	2	Plate	
2	3263000118	2	Channel Weldment	
3	3691000126	2	Pin	
4	3691000267	2	Pin	
5	3706000261	2	Plate	
6	4691000200	2	Pin	
7	4691000207	2	Pin	
8	0641405	8	Bolt 1/4 x 5/8	
9	7115161650	2	Bolt 3/8 x 2	
10	7253000002	4	Fitting, Cap	
11	7440030000	4	Fitting, Straight	
12	7660162601	2	Nut 3/8	
13	7691000019	2	Pin	
14	7754000008	4	Ring, Retaining	
15	7754000033	4	Ring, Retaining	
16	7949000025	8	Washer	
17	7950140153	8	Washer 1/4	
18	7950160161	2	Washer 3/8	
19	3912000036	1	Tube Spade Assembly	
20	1001286128	2	Cylinder Assembly (See Separate Breakdown in this Section)	

FIGURE 1-3. CYLINDER ASSEMBLY - REAR STABILIZER

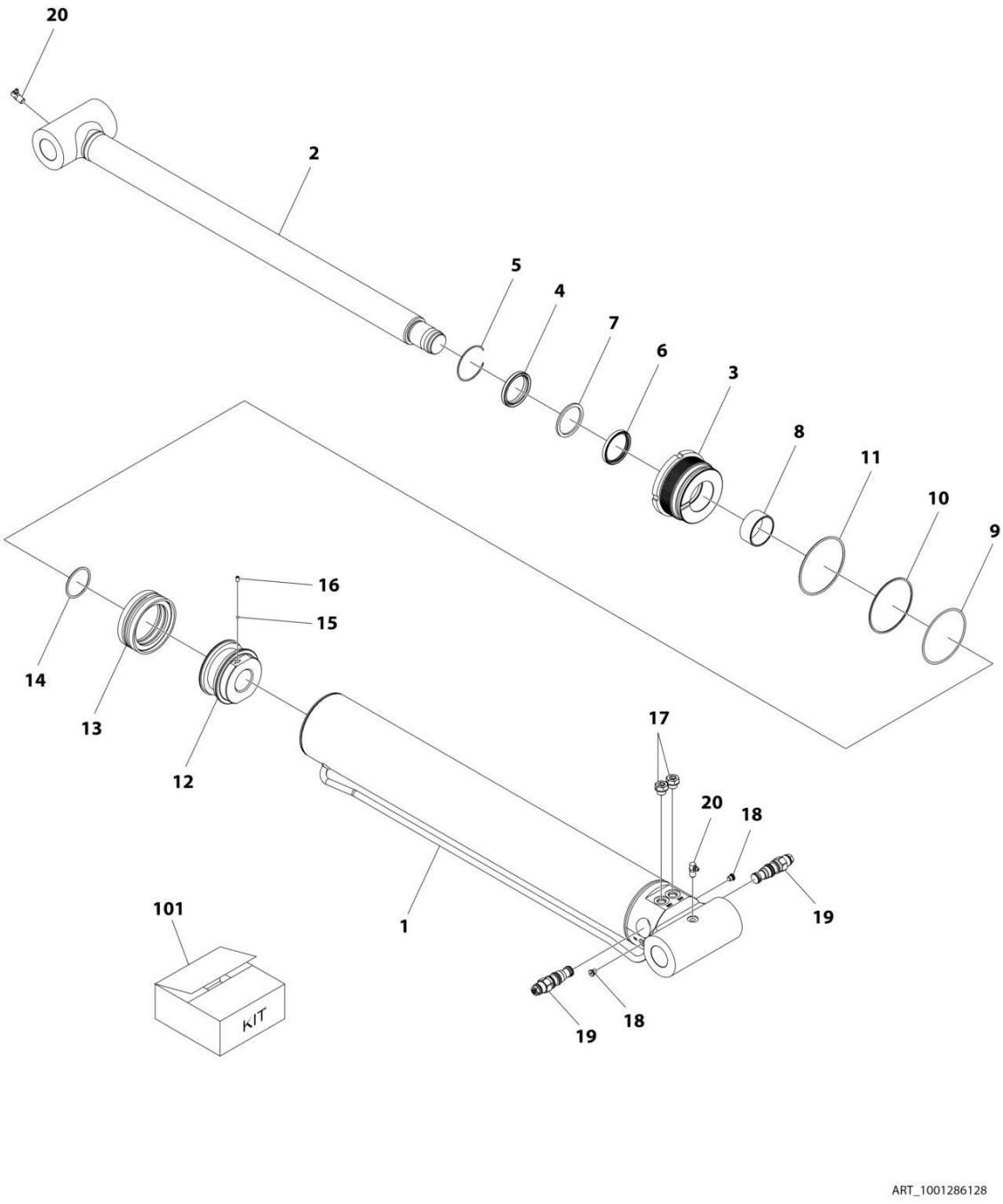


FIGURE 1-3. CYLINDER ASSEMBLY - REAR STABILIZER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286128	Ref	CYLINDER ASSEMBLY - TILT	A
	See Note	Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70070077	1	Rod	
3	70070078	1	Gland	
4	See Note	NSS	Wiper, Dust (Note: Use Item 101)	
5	70002412	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 101)	
7	See Note	NSS	Ring, Backup (Note: Use Item 101)	
8	70005153	1	Bushing	
9	See Note	NSS	O-Ring (Note: Use Item 101)	
10	See Note	NSS	Ring, Backup (Note: Use Item 101)	
11	See Note	NSS	O-Ring (Note: Use Item 101)	
12	70070079	1	Piston	
13	See Note	NSS	Seal, Piston (Note: Use Item 101)	
14	See Note	NSS	O-Ring (Note: Use Item 101)	
15	70022564	1	Ball, Steel	
16	70029468	1	Screw, Set	
17	70070038	2	Plug, Dust	
18	70070080	2	Plug	
19	70070075	2	Valve, Counterbalance	
20	70023376	2	Grease Nipple	
101	70070081	1	Seal Kit (Includes Items 4, 6, 7, 9-11 & 13, 14)	

FIGURE 1-4. SIDE RECOVERY SYSTEM (SRS) INSTALLATION (35K WINCH)

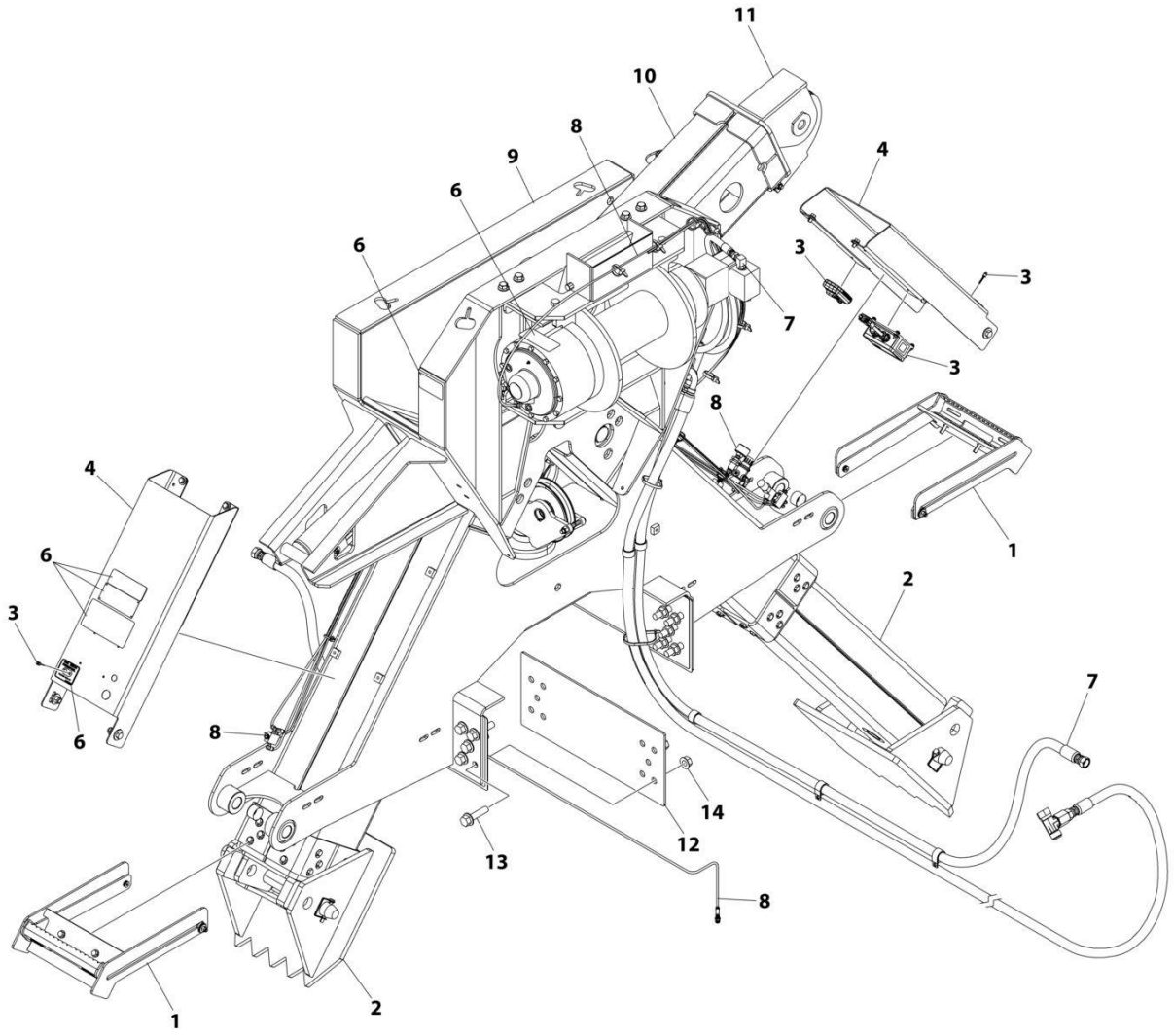


FIGURE 1-4. SIDE RECOVERY SYSTEM (SRS) INSTALLATION (35K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291070	Ref	SIDE RECOVERY SYSTEM INSTALLATION (35K)	A
1	1001199185	1	Step Installation (See Separate Breakdown in BODY Section)	
2	1001258325	1	Stabilizer Installation (See Separate Breakdown in this Section)	
3	1001291023	1	Single Winch Electrical Assembly (See Separate Breakdown in ELECTRICAL Section)	
4	1001291036	1	Cover Plate Installation (See Separate Breakdown in BODY Section)	
5	1001291072	1	Hook and Pin Storage Installation (Not Shown) (See Separate Breakdown in BODY Section)	
6	1001291073	1	Decal Installation (See Separate Breakdown in DECAL Section)	
7	1001291190	1	Hose and Fitting Installation (See Separate Breakdown in HYDRAULIC Section)	
8	1001291480	1	Winch Air Installation (See Separate Breakdown in BODY Section)	
9	3455000055	1	Frame	
10	3548100001	1	SRS Stabilizer Boom Wrecker Recovery (Side) (See Separate Breakdown in this Section)	
11	3548900003	1	Winch Assembly - SRS 35000LBS (See Separate Breakdown in this Section)	
12	3577000129	1	Shim Kit	
13	7118222416	20	Capscrew 3/4 x 3	
14	7660222308	20	Nut 3/4	
15	7118222016	AR	Bolt 3/4 x 2-1/2 (Not Shown)	
16	7118222816	AR	Capscrew 3/4 x 3-1/2 (Not Shown)	

FIGURE 1-5. SIDE STABILIZER INSTALLATION (35K WINCH)

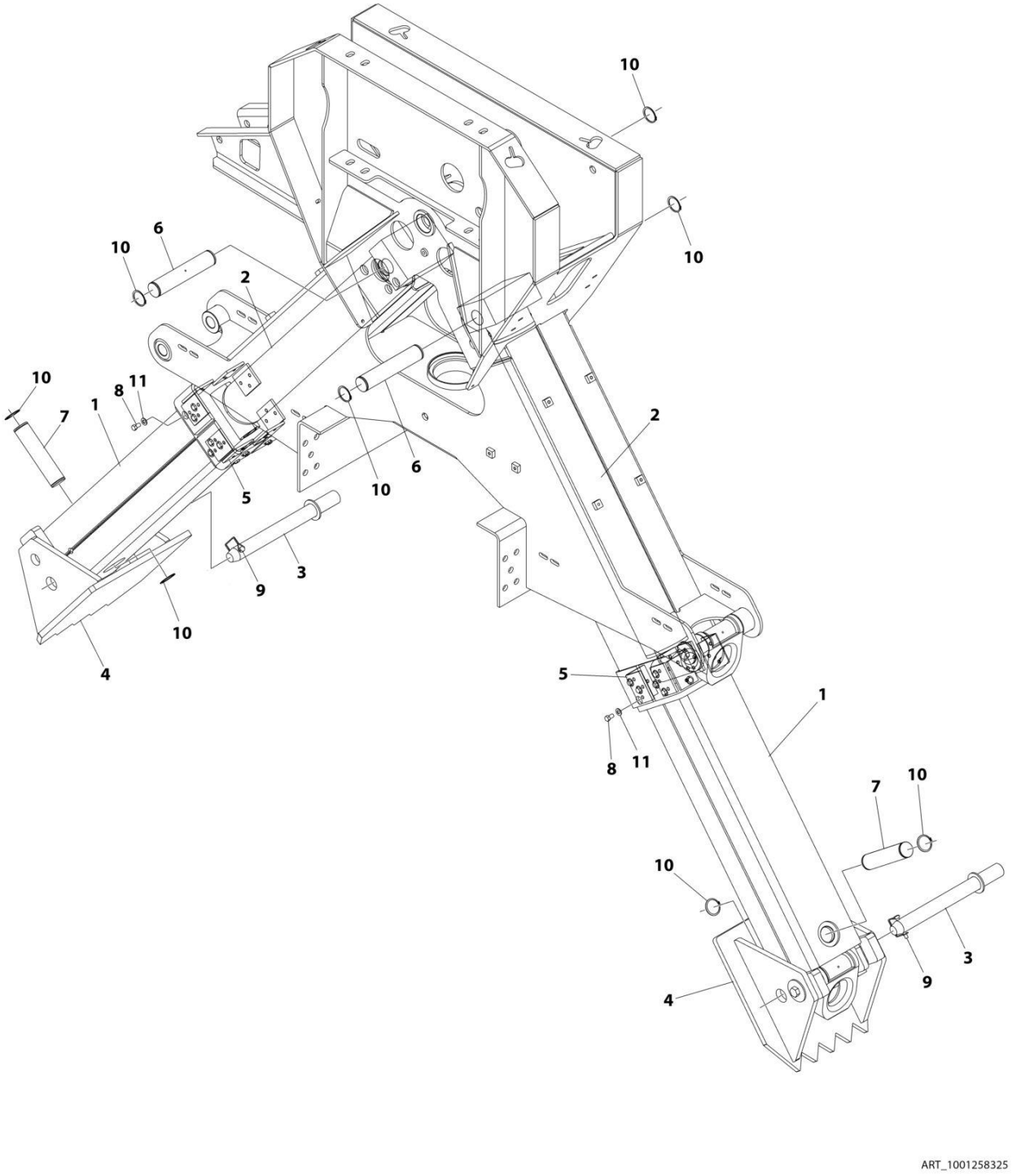


FIGURE 1-5. SIDE STABILIZER INSTALLATION (35K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258325	Ref	SRS STABILIZER ASSEMBLY (SIDE)	A
1	3263000133	3	Channel	
2	3320000233	2	Cylinder Assembly - Side Stabilizer (See Separate Breakdown in this Section)	
3	3691000263	2	Pin	
4	3706000366	2	Plate	
5	4679000291	16	Pad	
6	4691000576	2	Pin	
7	4691000577	2	Pin	
8	7118170650	48	Capscrew 7/16 x 3/4	
9	7691000025	2	Pin	
10	7754000048	8	Retaining Ring	
11	7950170142	48	Washer 1/2	

FIGURE 1-6. BOOM ASSEMBLY (SRS)

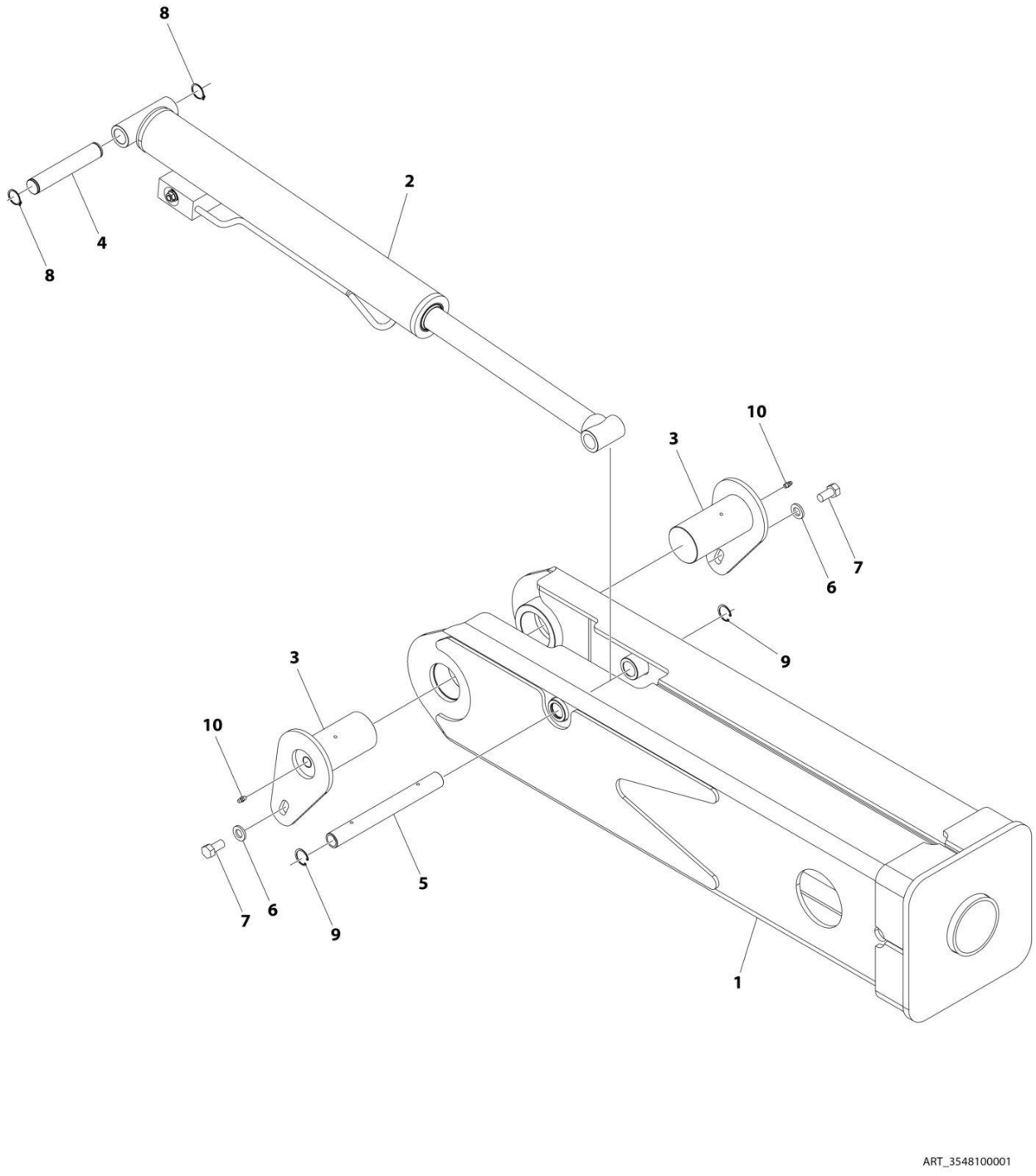


FIGURE 1-6. BOOM ASSEMBLY (SRS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3548100001	Ref	BOOM ASSEMBLY (SRS)	0
1	3170000448	1	Boom Weld	
2	3320000232	1	Cylinder Assembly - Boom Recovery (SRS Stabilizer) (See Separate Breakdown in CYLINDER Section)	
3	3691000262	2	Pin	
4	4691000578	1	Pin	
5	4691000574	1	Pin	
6	7950180153	2	Flatwasher 1/2	
7	7115180850	2	Capscrew 1/2 x 1	
8	7754000019	2	Retaining Ring	
9	7754000056	2	Snap Ring	
10	7440030000	4	Fitting	

FIGURE 1-7. CYLINDER ASSEMBLY - BOOM RECOVERY (SRS STABILIZER) (35K WINCH)

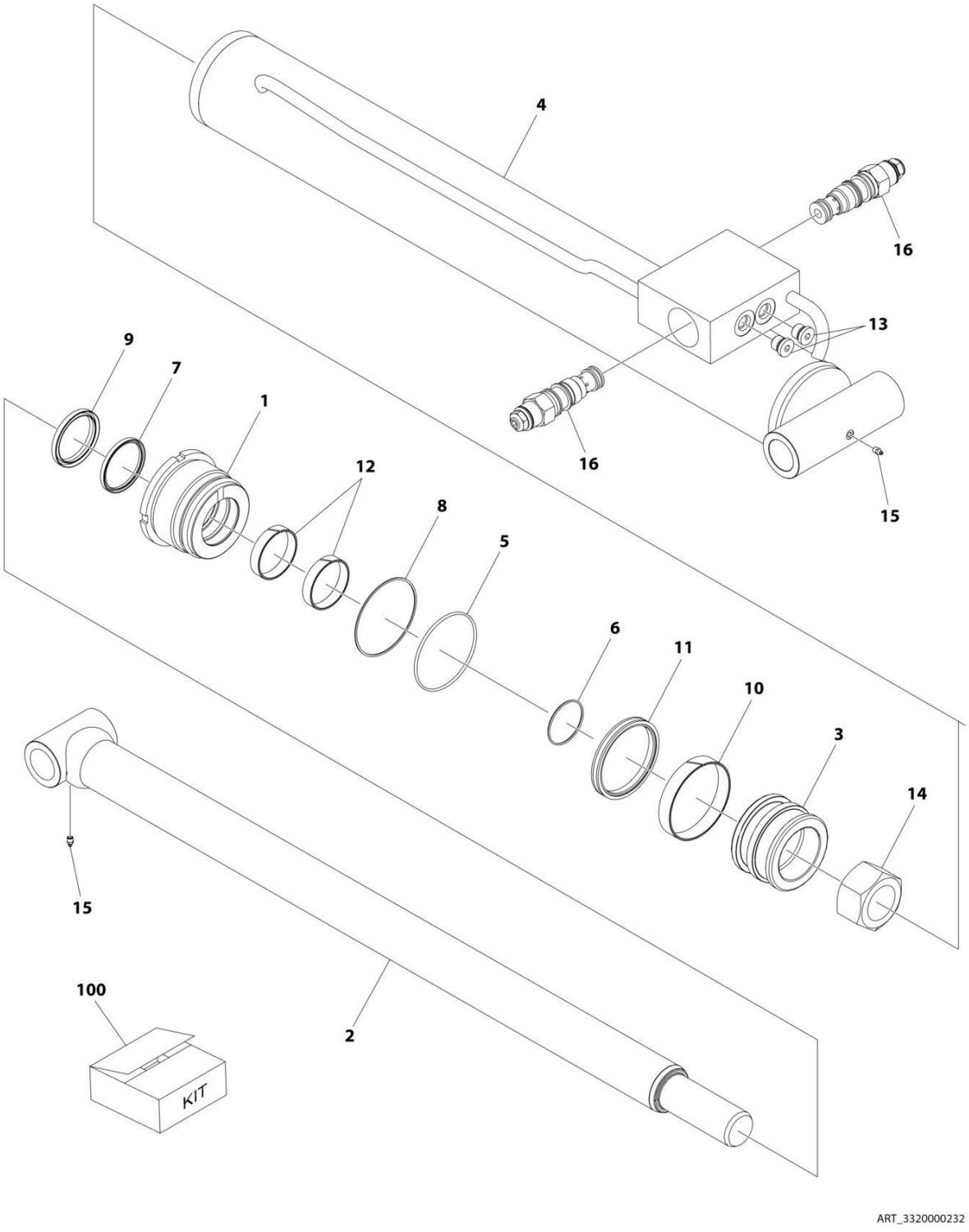


FIGURE 1-7. CYLINDER ASSEMBLY - BOOM RECOVERY (SRS STABILIZER) (35K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3320000232	Ref	Cylinder Assembly - Boom Recovery (SRS Stabilizer)	0
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70051142	1	Gland	
2	70051141	1	Rod Assembly	
3	70051140	1	Piston	
4	NSS	1	Barrel Assembly	
5	See Note	1	O-Ring (Note: Use Item 100)	
6	See Note	1	O-Ring (Note: Use Item 100)	
7	See Note	1	Rod Seal (Note: Use Item 100)	
8	See Note	1	Back-up Ring (Note: Use Item 100)	
9	See Note	1	Rod Wiper (Note: Use Item 100)	
10	See Note	1	Wear Ring (Note: Use Item 100)	
11	See Note	1	Piston Seal (Note: Use Item 100)	
12	See Note	2	Wear Ring (Note: Use Item 100)	
13	70050641	2	Plug	
14	70051138	1	Nut	
15	70051137	2	Grease Fitting	
16	70040300	2	Cartridge, Counterbalance Valve	
16	2900770	2	Seal Kit - Valve Cartridge (1 Per Cartridge)	
100	9577200245	1	Seal Kit - Cylinder (Includes Items 5-12)	

FIGURE 1-8. CYLINDER ASSEMBLY - SIDE STABILIZER (35K WINCH)

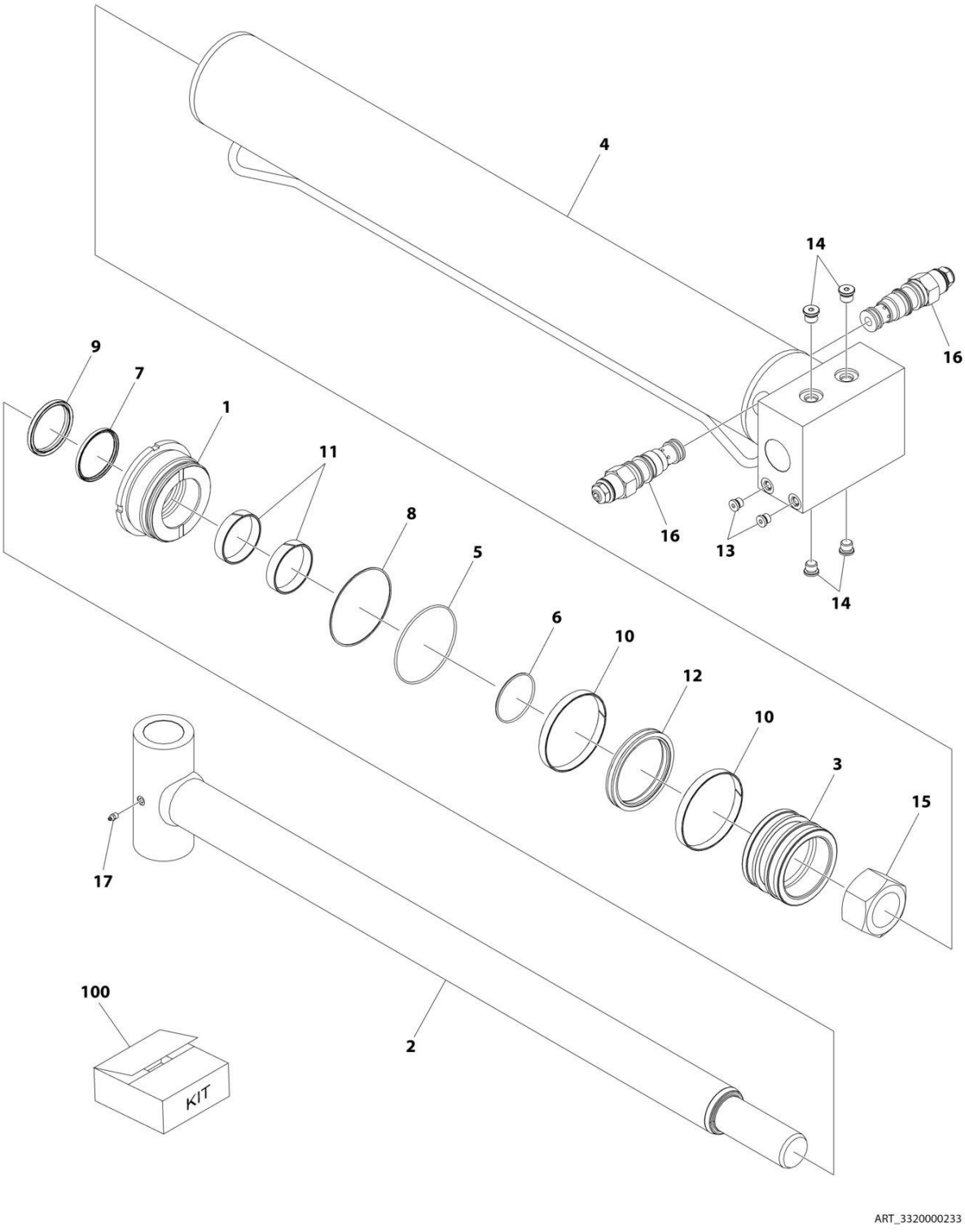


FIGURE 1-8. CYLINDER ASSEMBLY - SIDE STABILIZER (35K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3320000233	Ref	CYLINDER ASSEMBLY - SRS STABILIZER (SIDE)	0
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70051133	1	Gland	
2	70051134	1	Rod Assembly	
3	70051135	1	Piston	
4	NSS	1	Barrel Assembly	
5	See Note	1	O-Ring (Note: Use Item 100)	
6	See Note	1	O-Ring (Note: Use Item 100)	
7	See Note	1	Rod Seal (Note: Use Item 100)	
8	See Note	1	Back-up Ring (Note: Use Item 100)	
9	See Note	1	Rod Wiper (Note: Use Item 100)	
10	See Note	2	Wear Ring (Note: Use Item 100)	
11	See Note	2	Wear Ring (Note: Use Item 100)	
12	See Note	1	Piston Seal (Note: Use Item 100)	
13	70051130	2	Plug	
14	70050641	4	Plug	
15	70051131	1	Nut	
16	70040300	1	Valve, Counterbalance Cartridge	
16	2900770	1	Seal Kit - Cartridge Valve	
17	70051137	1	Grease Fitting	
100	9577200246	1	Seal Kit - Cylinder (Includes Items 5-12)	

FIGURE 1-9. WINCH ASSEMBLY (SRS) (35K WINCH)

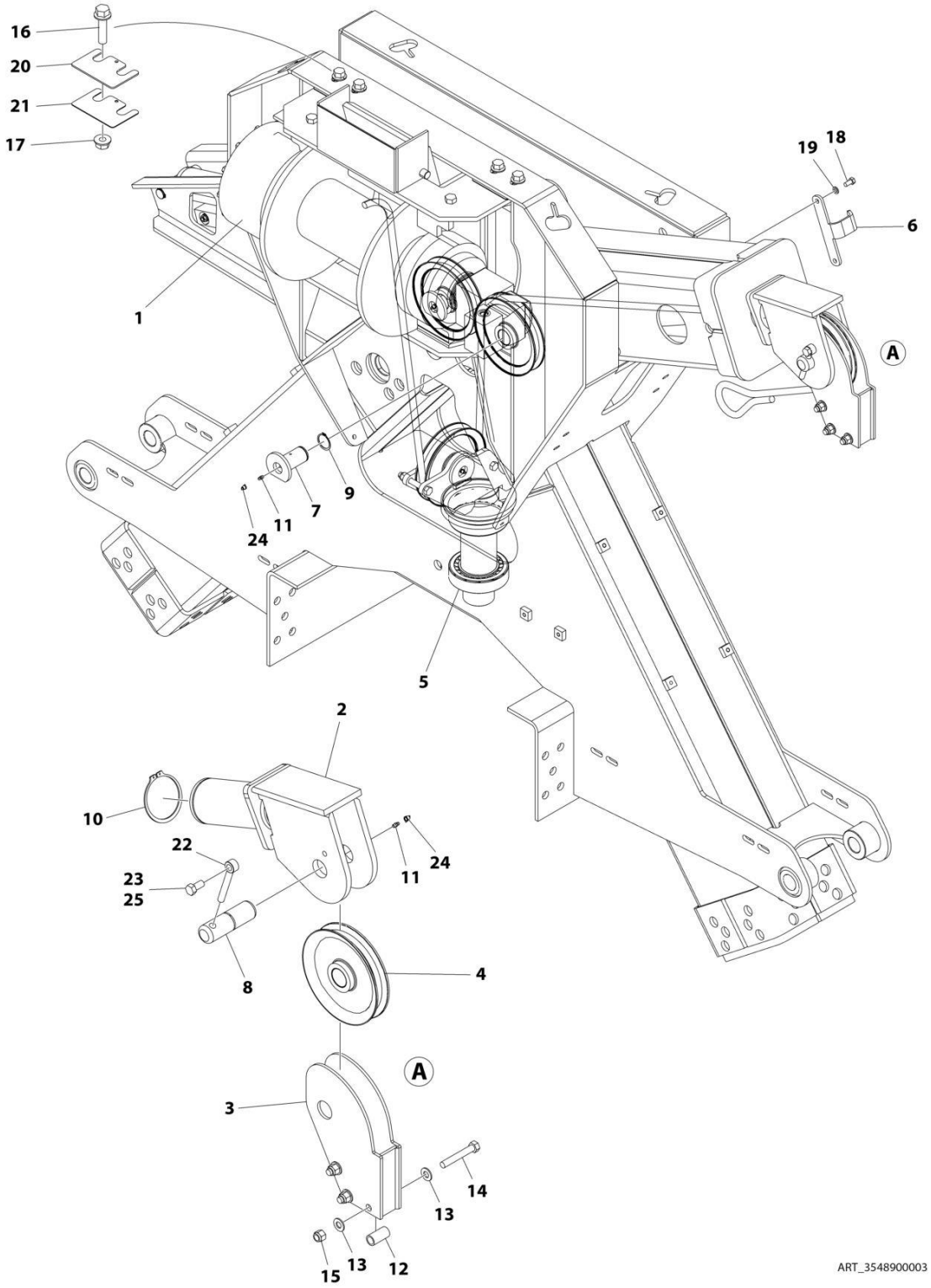


FIGURE 1-9. WINCH ASSEMBLY (SRS) (35K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3548900003	Ref	WINCH ASSEMBLY - SRS 35000 LBS	B
1	7970000162	1	Winch Components 35000 LBS (See Separate Breakdown in this Section)	
2	1001169617	1	Support	
3	3249000043	1	Sheave Guide	
4	7809000006	3	Sheave	
5	2249000020	1	Sheave Assembly	
6	4178000763	1	Bracket	
7	3691000261	2	Pin	
8	1001169893	1	Pin	
9	7754000058	2	Ring	
10	7754000049	1	Ring Retaining	
11	7440030000	4	Grease Fitting	
12	4831000104	3	Spacer	
13	7950180141	6	Washer 1/2	
14	7115182650	3	Capscrew 1/2 x 3-1/4	
15	7660182601	3	Nut 1/2	
16	7118202016	8	Bolt 5/8 x 2-1/2	
17	7661000018	8	Nut 5/8	
18	7115160650	2	Bolt 3/8 x 3/4	
19	7950160000	2	Washer 3/8	
20	4812000103	2	Shim	
21	4812000104	2	Shim	
22	3841203	1	Rod, Keeper	
23	7115180850	1	Capscrew 1/2 x 1	
24	7253000002	4	Fitting	
25	0100011	AR	Compound, Locking	

FIGURE 1-10. WINCH COMPONENTS (SRS) (35K WINCH)

INFORMATION WAS NOT AVAILABLE AT TIME OF PRINTING.

ART_7970000162

FIGURE 1-10. WINCH COMPONENTS (SRS) (35K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7970000162	Ref	WINCH COMPONENTS - SRS 35000 LBS	0
		Ref	Note: No Service Parts Available at Time of Printing.	

FIGURE 1-11. SIDE STABILIZER INSTALLATION (SS-70)

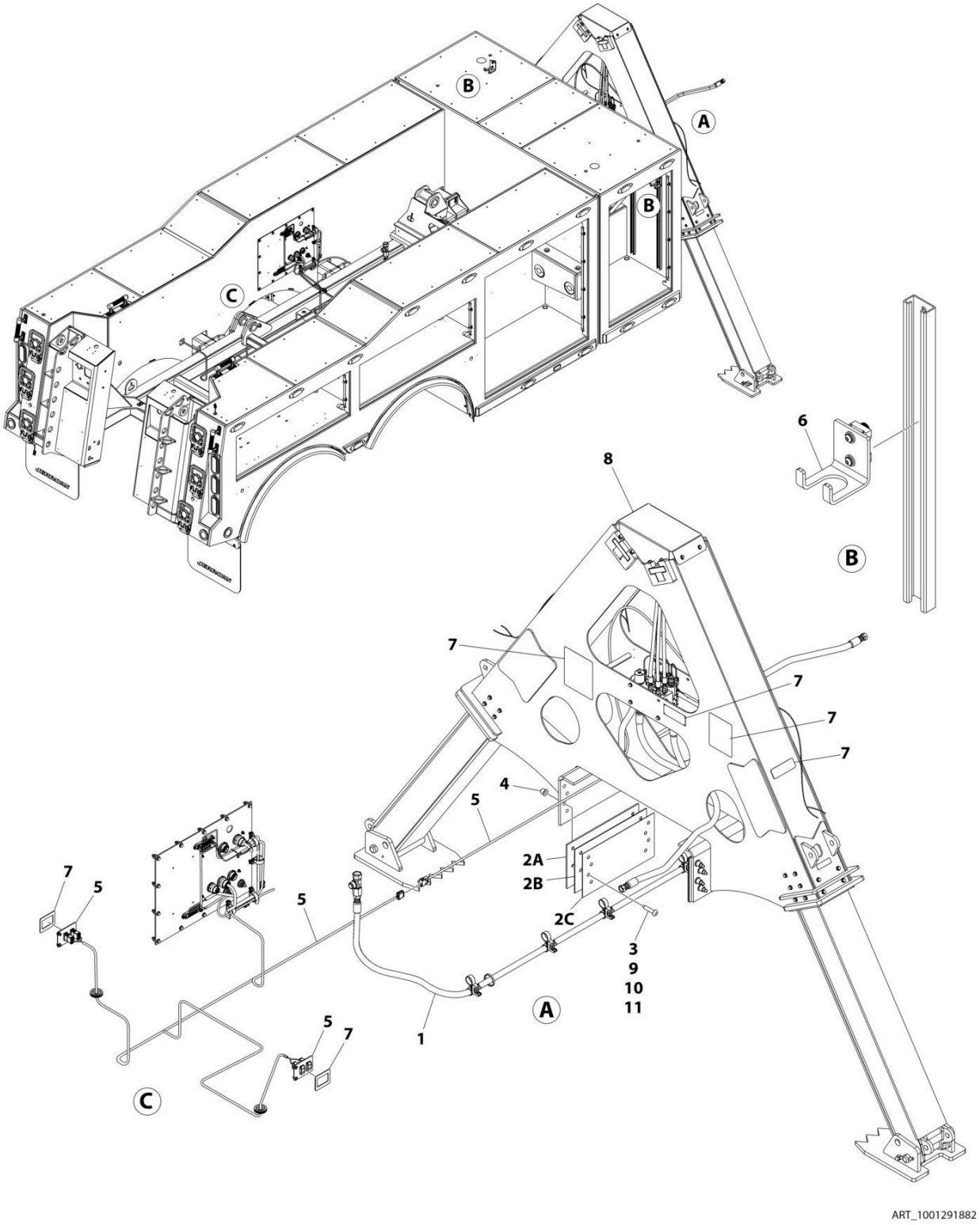


FIGURE 1-11. SIDE STABILIZER INSTALLATION (SS-70)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291882	Ref	SIDE STABILIZER	A
1	1001243239	1	Hydraulic Installation (See Separate Breakdown in HYDRAULIC Section)	
2	1001246419	1	Frame Shims Installation	
2A	1001246165	2	Shim	
2B	1001246166	2	Shim	
2C	1001246167	2	Shim	
3	1001246981	16	Bolt 5/8 x 1-5/8	
4	1001246983	16	Nut 5/8	
5	1001291758	1	Electrical installation (See Separate Breakdown in ELECTRICAL Section)	
6	1001291874	1	Pin Storage Installation (See Separate Breakdown in BODY Section)	
7	1001291876	1	Decal Installation (See Separate Breakdown in DECAL Section)	
8	1001291877	1	Stabilizer Assembly (See Separate Breakdown in this Section)	
9	1001246980	AR	Bolt 5/8 x 1-3/8	
10	1001246982	AR	Bolt 5/8 x 1-7/8	
11	1001247174	AR	Bolt 5/8 x 2-1/8	

FIGURE 1-12. SIDE STABILIZER ASSEMBLY (SS-70)

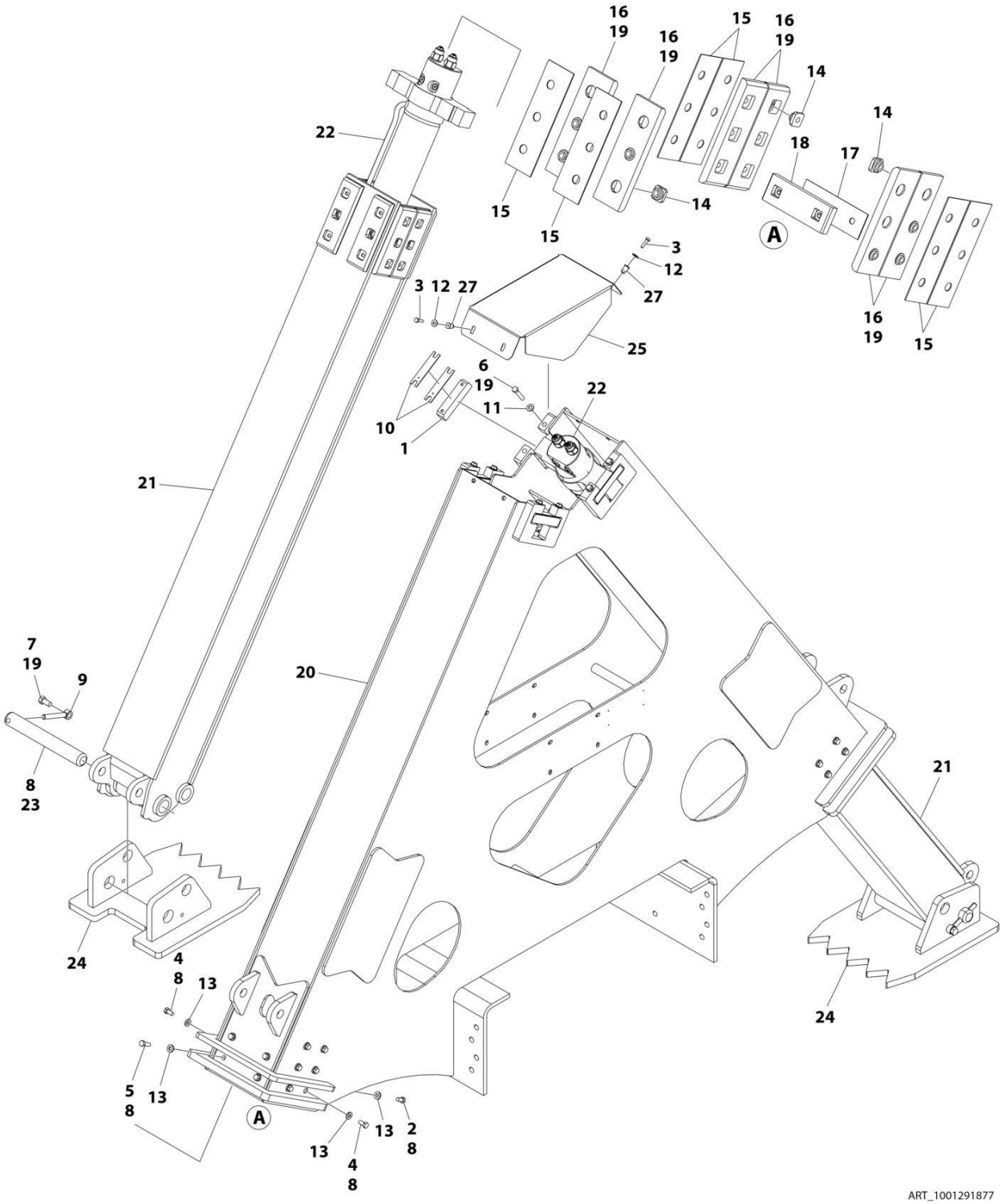


FIGURE 1-12. SIDE STABILIZER ASSEMBLY (SS-70)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291877	Ref	STABILIZER ASSEMBLY	A
1	0561482	4	Block, Keeper	
2	0651606	4	Bolt 3/8 x 3/4	
3	0681408	4	Bolt 1/4 x 1	
4	0681606	24	Bolt 3/8 x 3/4	
5	0681609	8	Bolt 3/8 x 1-1/8	
6	0681616	8	Bolt 3/8 x 2	
7	0681808	2	Bolt 1/2 x 1	
8	3020039	AR	Lubricant	
9	3841203	2	Keeper, Pin	
10	4071031	8	Shim, Trunnion Keeper	
11	4711600	8	Washer 3/8	
12	4751400	4	Washer 1/4	
13	4891600	36	Washer 3/8	
14	7082311	32	Insert, Wear Pad	
15	7082342	12	Shim, Wear Pad	
16	7111572	12	Pad, Wear	
17	91031236	2	Shim, Wear Pad	
18	91033189	2	Pad, Bearing	
19	1001095650	AR	Compound, Locking	
20	1001239626	1	Frame, Stabilizer	
21	1001239645	2	Boom Leg Assembly (See Separate Breakdown in this Section)	
22	1001239646	2	Lift Cylinder Assembly (See Separate Breakdown in this Section)	
23	1001239647	2	Pin	
24	1001239652	2	Foot	
25	1001245230	1	Cover	
26	1001245737	2	Pin (Not Shown)	
27	7661000006	4	Nut 1/4	
28	7691000025	2	Pin, Snap (Not Shown)	

FIGURE 1-13. BOOM ASSEMBLY (SRS) (SS-70)

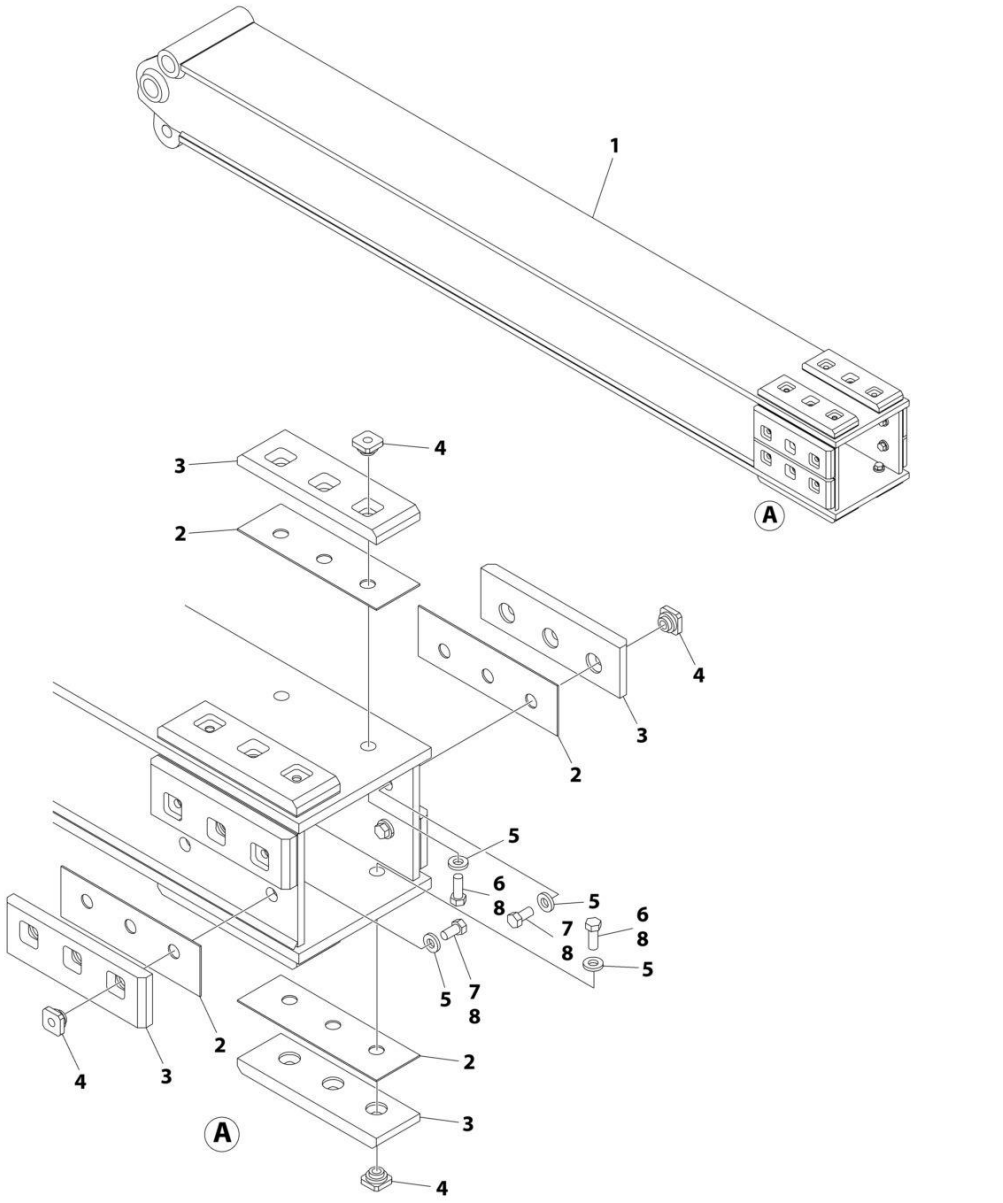


FIGURE 1-13. BOOM ASSEMBLY (SRS) (SS-70)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239645	Ref	STABILIZER (SRS SS-70) BOOM/LEG ASSEMBLY	A
1	1001239648	1	Boom, Leg	
2	7082342	8	Shim .075	
3	7111572	8	Pad, Wear	
4	7082311	16	Insert, Wear Pad	
5	4891600	16	Washer 3/8	
6	0681608	8	Bolt 3/8 x 1	
7	0681606	8	Bolt 3/8 x 3/4	
8	1001095650	AR	Adhesive	

FIGURE 1-14. CYLINDER ASSEMBLY - SIDE STABILIZER (SS-70)

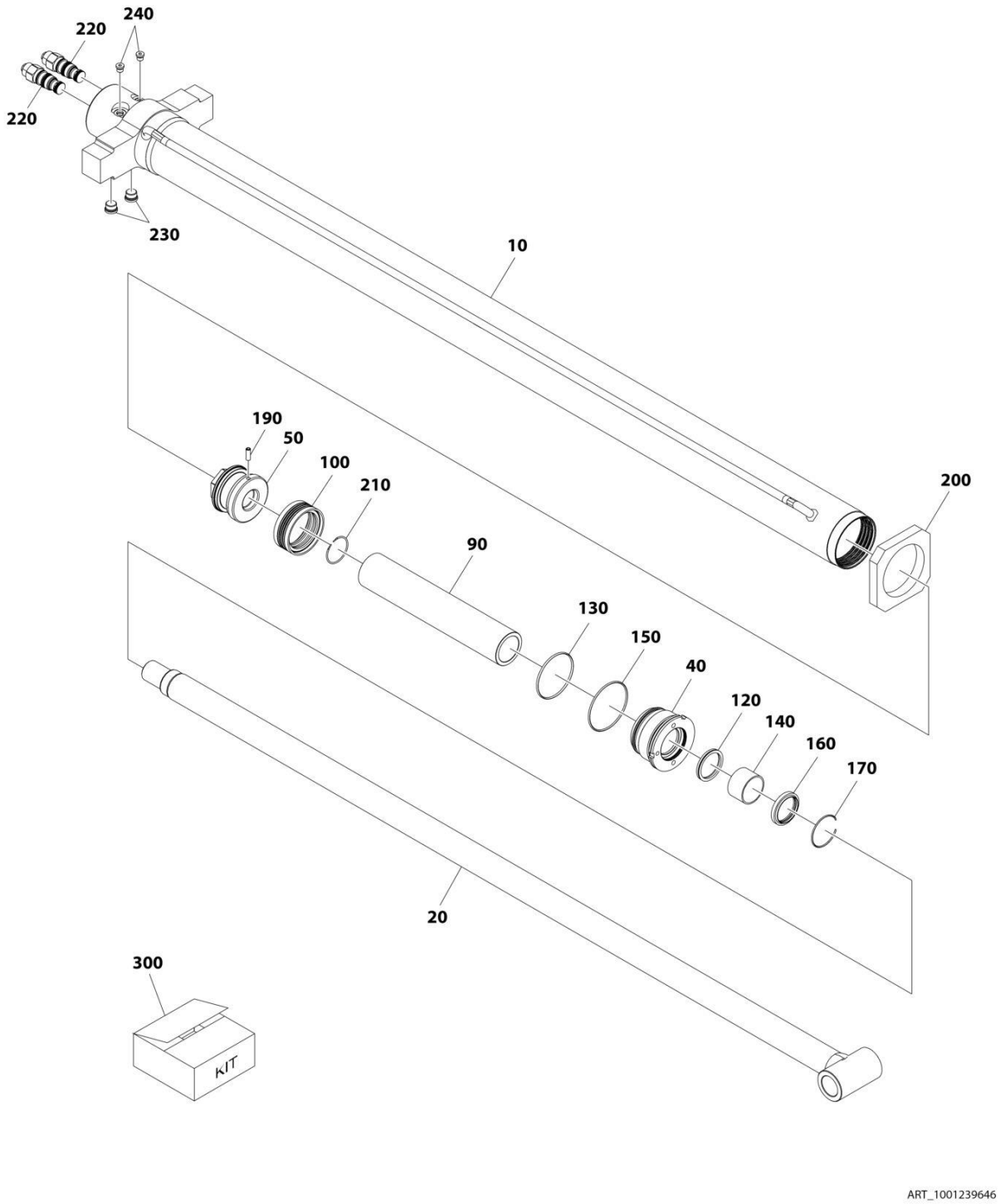


FIGURE 1-14. CYLINDER ASSEMBLY - SIDE STABILIZER (SS-70)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239646	Ref	CYLINDER ASSEMBLY	B
10	See Note	NSS	Barrel (Note: Use PN 1001239646)	
20	70007179	1	Rod	
40	70007180	1	Head	
50	70007181	1	Piston	
90	70007182	1	Spacer	
100	See Note	NSS	Seal (Note: Use Item 300)	
120	See Note	NSS	Seal (Note: Use Item 300)	
130	See Note	NSS	O-Ring (Note: Use Item 300)	
140	70007183	1	Bushing	
150	See Note	NSS	O-Ring (Note: Use Item 300)	
160	See Note	NSS	Wiper (Note: Use Item 300)	
170	70027076	1	Ring, Wire	
190	70006319	1	Cap Screw M8 x 25	
200	70007184	1	Plate, Support	
210	70027084	1	Ring, Wire	
220	70007186	1	Valve, Counterbalance	
220	7011367	2	Seal Kit - 70007186 Valve	
230	NPN	NSS	Plug	
240	70025619	2	Plug	
300	70007185	1	Seal Kit - 1001239646 Cylinder (Includes Items 100,120,130,150 & 160)	

FIGURE 1-15. D-RING PAINTED INSTALLATION

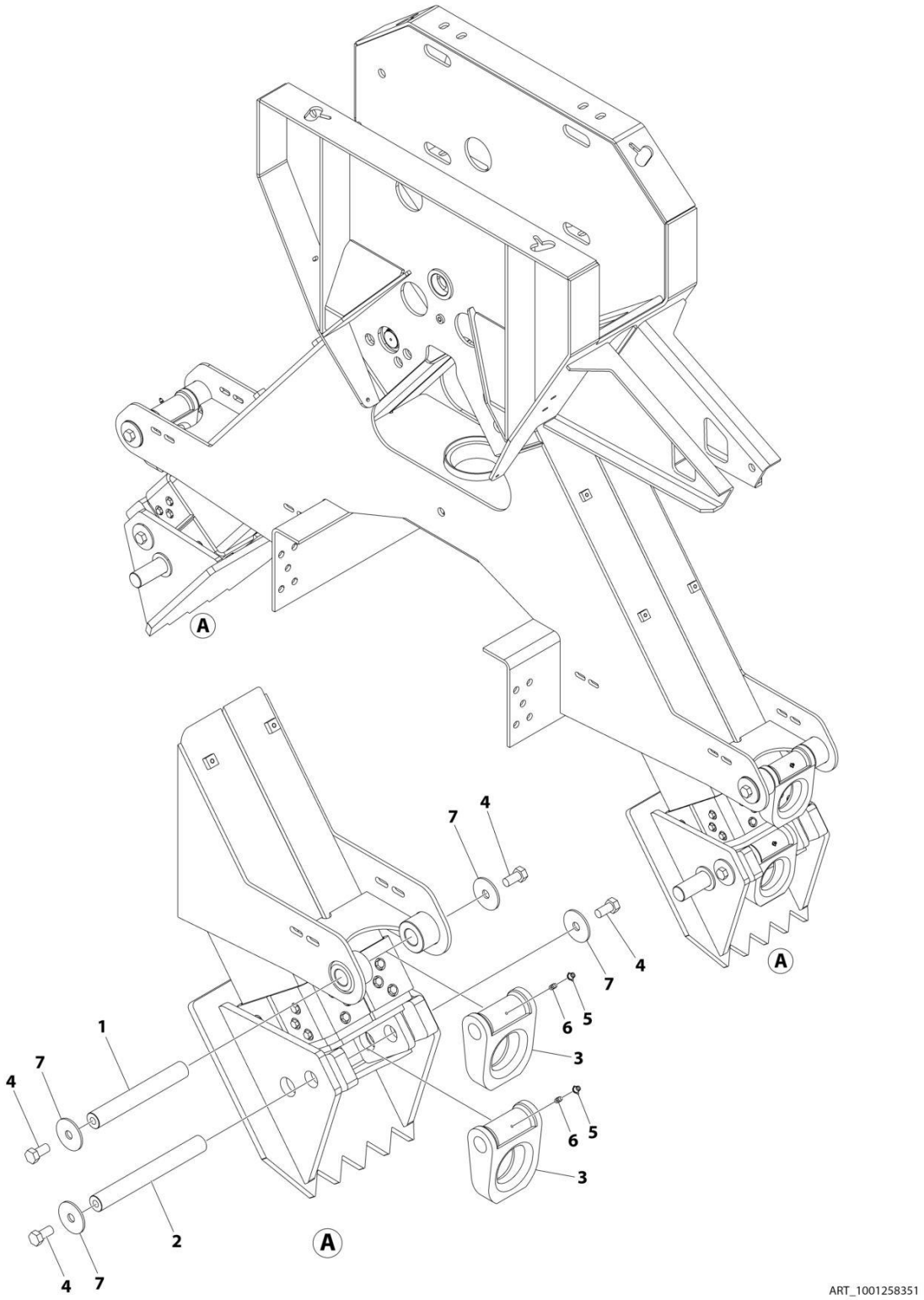


FIGURE 1-15. D-RING PAINTED INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258351	Ref	D-RING PAINTED INSTALLATION	A
1	4691000581	2	Pin	
2	4691000582	2	Pin	
3	4754000004	4	D-Ring	
4	7115221250	8	Capscrew 3/4 x 1-1/2	
5	7253000002	4	Grease Cap	
6	7440030000	4	Grease Fitting	
7	7949000018	8	Washer	

FIGURE 1-16. D-RINGS INSTALLATION (SS-70 STABILIZERS)

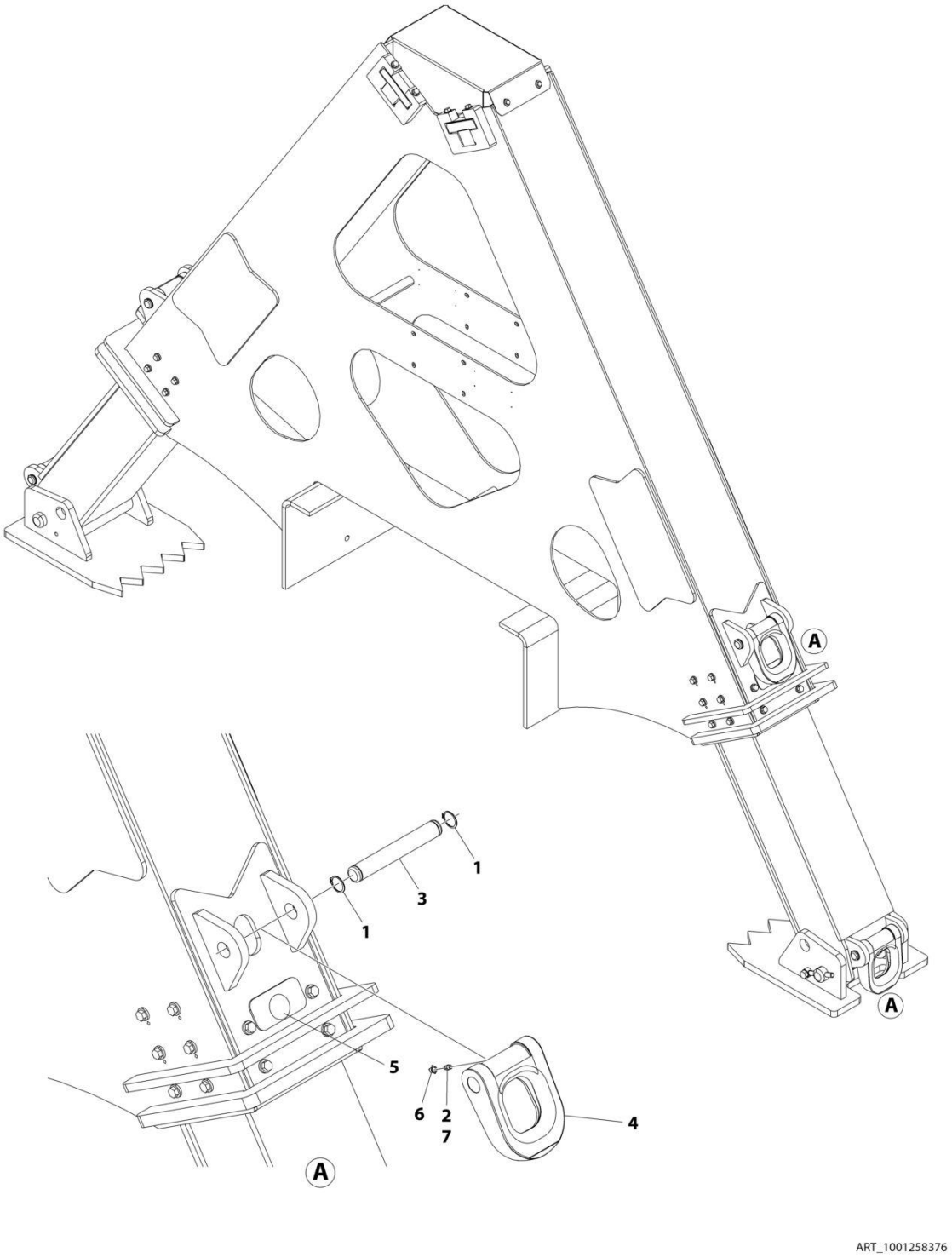


FIGURE 1-16. D-RINGS INSTALLATION (SS-70 STABILIZERS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258376	Ref	D-RINGS INSTALLATION (SS-70 STABILIZERS)	A
1	3760115	8	Retaining Ring	
2	1001152707	AR	Lubricant	
3	1001245044	4	Pin, D-Ring	
4	4754000006	4	D-Ring	
5	1001258243	2	Decal	
6	7253000002	4	Cap	
7	7440030000	4	Fitting	

FIGURE 1-17. STABILIZER (SRS SS-70) BRACKET INSTALLATION

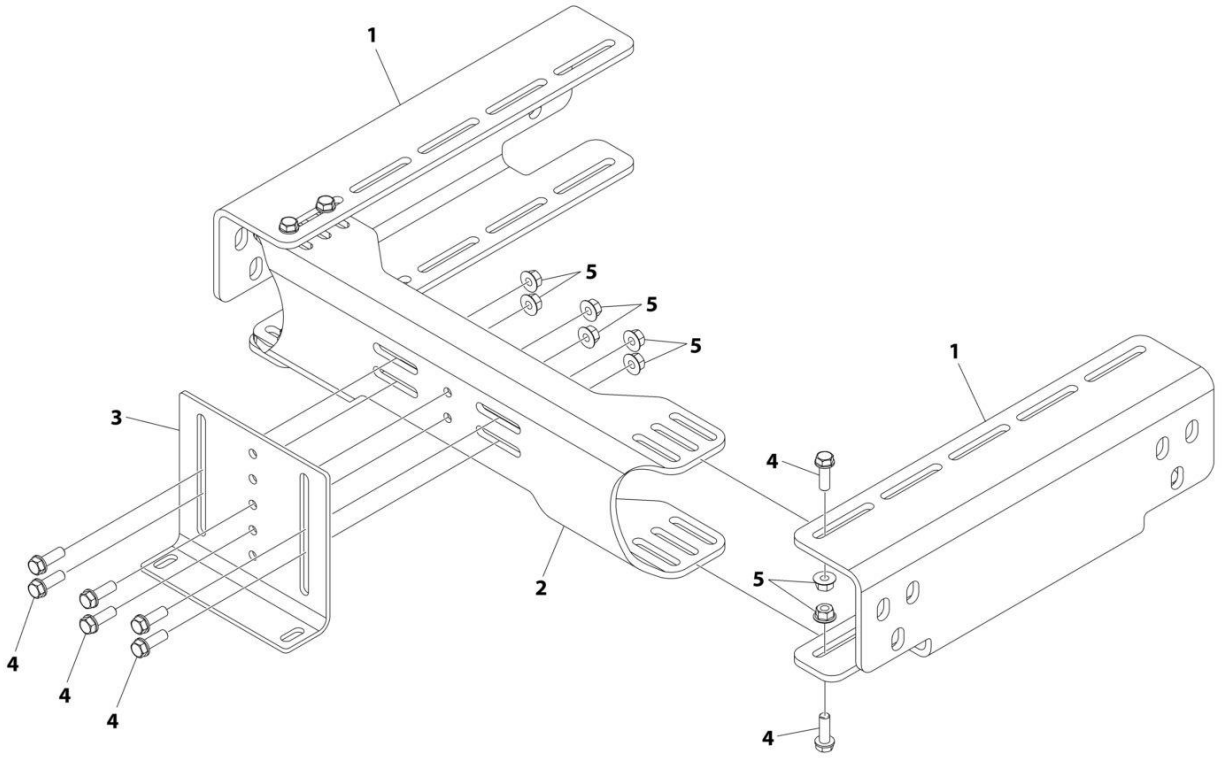


FIGURE 1-17. STABILIZER (SRS SS-70) BRACKET INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2178000064	Ref	STABILIZER (SRS SS-70) FRAME BRACKET INSTALLATION	00
1	4263000884	2	Channel, Frame Side	
2	3263000141	1	Channel, Cross	
3	4017001675	1	Plate, Angle	
4	7118181216	14	Bolt 1/2 x 1-1/2	
5	7660182301	14	Nut 1/2	

FIGURE 1-18. CABLE ASSEMBLY - 5/8 X 250FT (STABILIZERS)

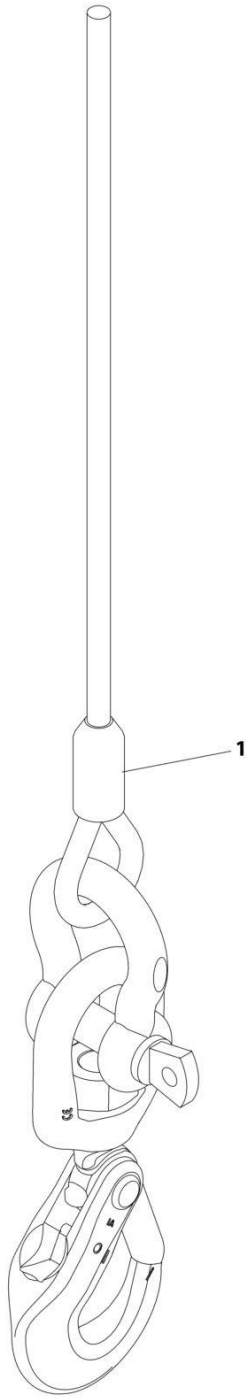


FIGURE 1-18. CABLE ASSEMBLY - 5/8 X 250FT (STABILIZERS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207499	Ref	CABLE ASSEMBLY - 5/8 X 250FT (STABILIZERS)	A
1	3248000002	1	Cable Assembly	

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FIGURE 2-1. BOOM INSTALLATION (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

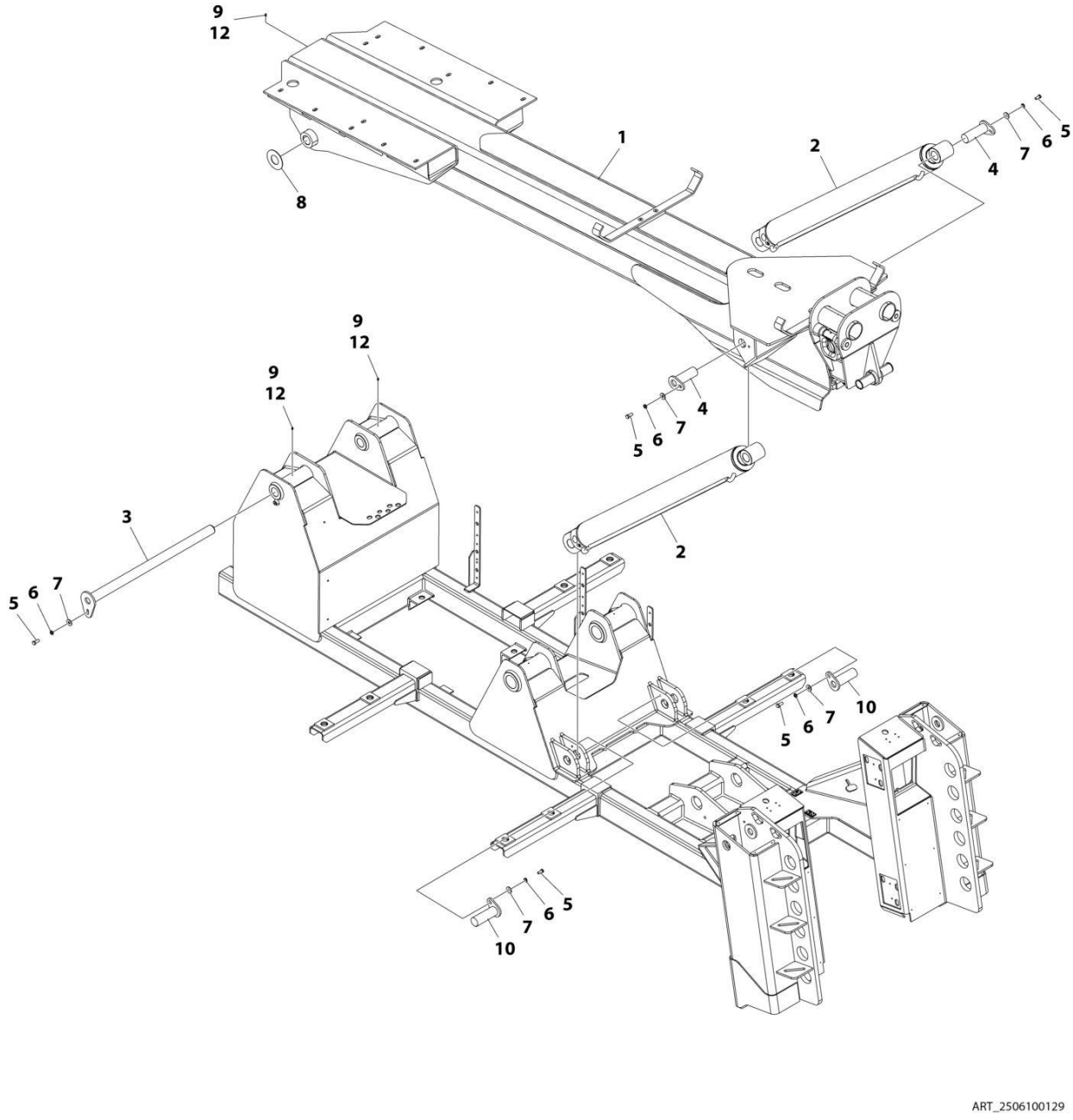


FIGURE 2-1. BOOM INSTALLATION (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2506100129	Ref	BOOM INSTALLATION	C
1	3170000183	1	Boom Assembly (See Separate Breakdown in this Section)	
2	7320000070	2	Cylinder Assembly (See Separate Breakdown in this Section)	
3	3691000256	1	Pin	
4	3691000255	2	Pin	
5	7115181050	5	Bolt 1/2 x 1-1/4	
6	7950180000	5	Washer 1/2	
7	7950180161	5	Washer 1/2	
8	3577000037	1	Shim	
9	7440030000	3	Fitting, Straight	
10	1001171950	2	Pin	
11	1001172491	1	Strap Cable (Not Shown)	
12	7253000002	7	Fitting, Cap	

FIGURE 2-2. BOOM INSTALLATION (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

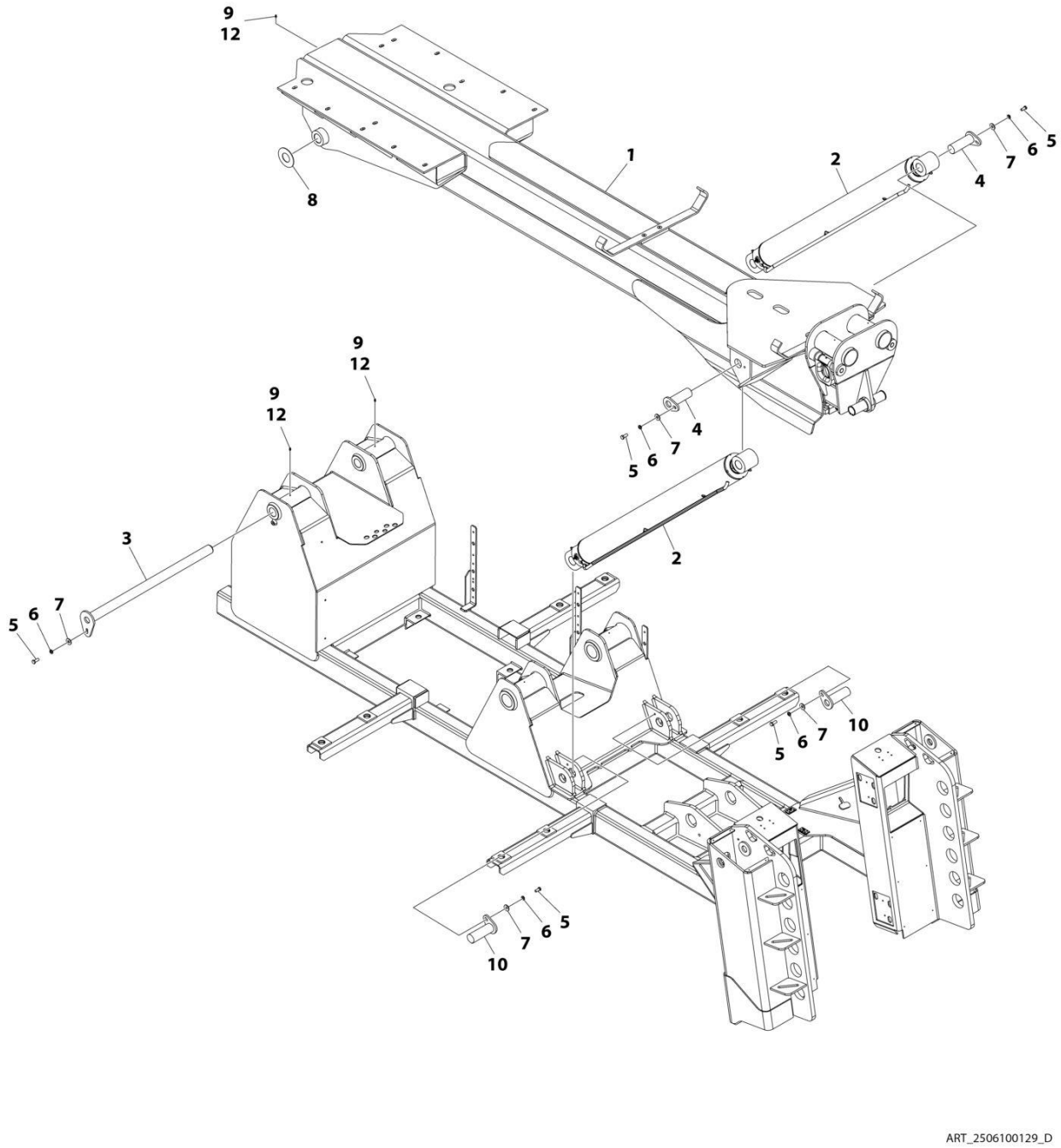


FIGURE 2-2. BOOM INSTALLATION (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2506100129	Ref	BOOM INSTALLATION	D
1	3170000183	1	Boom Assembly (See Separate Breakdown in this Section)	
2	1001286146	2	Cylinder Assembly - Lift (See Separate Breakdown in this Section)	
3	3691000256	1	Pin	
4	3691000255	2	Pin	
5	7115181050	5	Bolt 1/2 x 1-1/4	
6	7950180000	5	Washer 1/2	
7	7950180161	5	Washer 1/2	
8	3577000037	1	Shim	
9	7440030000	3	Fitting, Straight	
10	1001171950	2	Pin	
11	1001172491	1	Strap Cable (Not Shown)	
12	7253000002	7	Fitting, Cap	

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FIGURE 2-3. BOOM ASSEMBLY (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

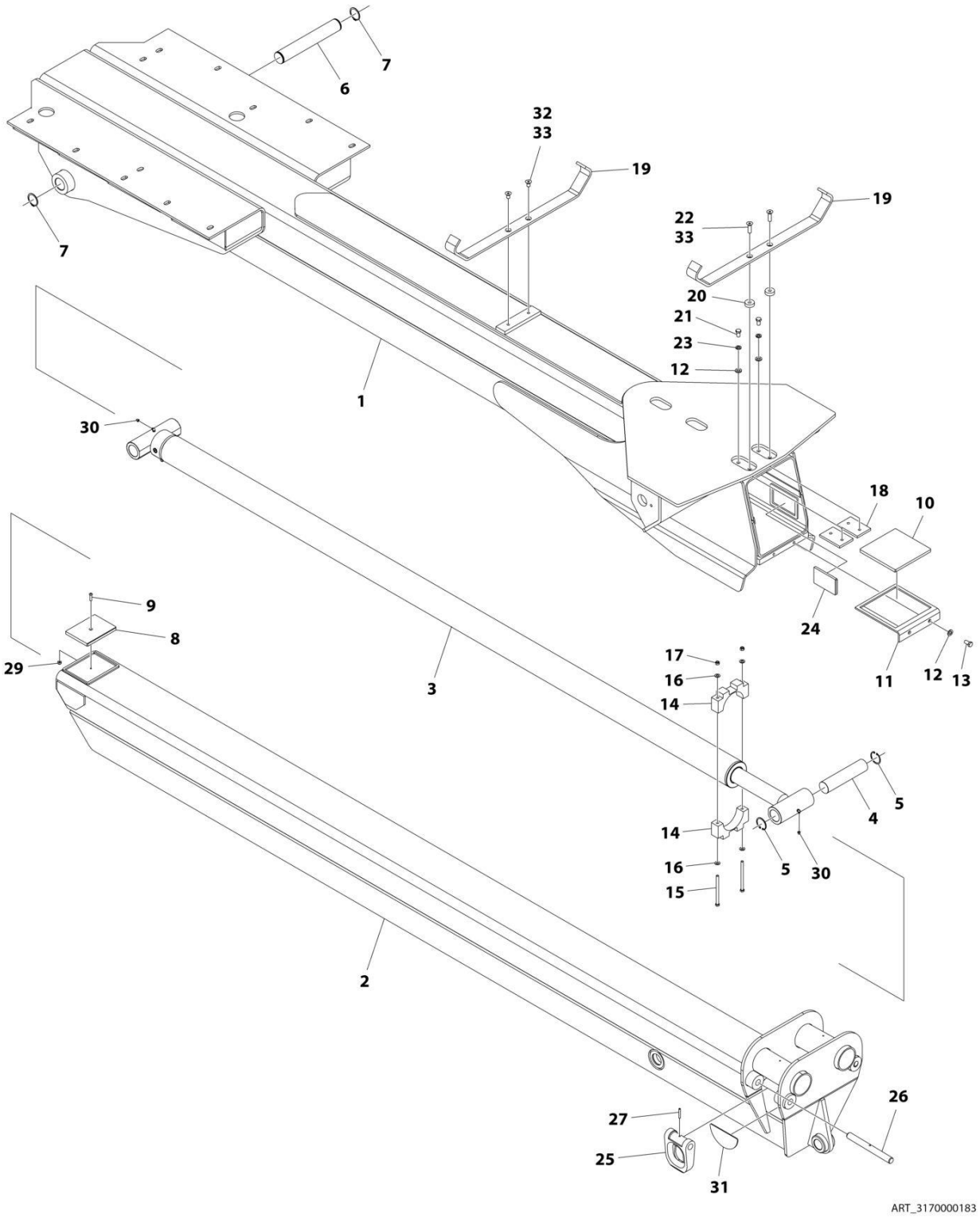


FIGURE 2-3. BOOM ASSEMBLY (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3170000183	Ref	BOOM ASSEMBLY	E
1	3170000182	1	Boom Weldment, Outer	
2	3170000148	1	Boom Weldment, Inner	
3	7320000031	1	Cylinder Assembly (See Separate Breakdown in this Section)	
4	4691000323	1	Pin	
5	7754000061	2	Ring, Retaining	
6	4691000208	1	Pin	
7	7754000048	2	Ring, Retaining	
8	4679000163	1	Pad	
9	7114140818	1	Capscrew 1/4 x 1	
10	4679000162	1	Pad	
11	4706002435	1	Plate	
12	7950180153	4	Washer 1/2	
13	7115180850	2	Bolt 1/2 x 1	
14	4177000033	2	Brace	
15	7115164450	2	Bolt 3/8 x 5-1/2	
16	7950160141	4	Washer 3/8	
17	7660162601	2	Nut 3/8	
18	4831000061	2	Spacer	
19	4062000746	2	Bar	
20	4831000064	2	Spacer	
21	7115180750	2	Bolt 1/2 x 7/8	
22	7115181423	2	Capscrew 1/2 x 1	
23	7950180000	2	Washer 1/2	
24	4679000168	2	Pad	
25	4754000003	2	D-Ring	
26	4691000243	2	Pin	
27	7690142845	2	Pin	
29	7660142604	1	Nut 1/4	
30	7253000002	2	Fitting, Cap	
31	1001151805	2	Decal (Not Shown)	
32	7115180723	2	Capscrew 1/2 x 7/8	
33	0100011	AR	Compound, Locking	

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FIGURE 2-4. BOOM ASSEMBLY (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

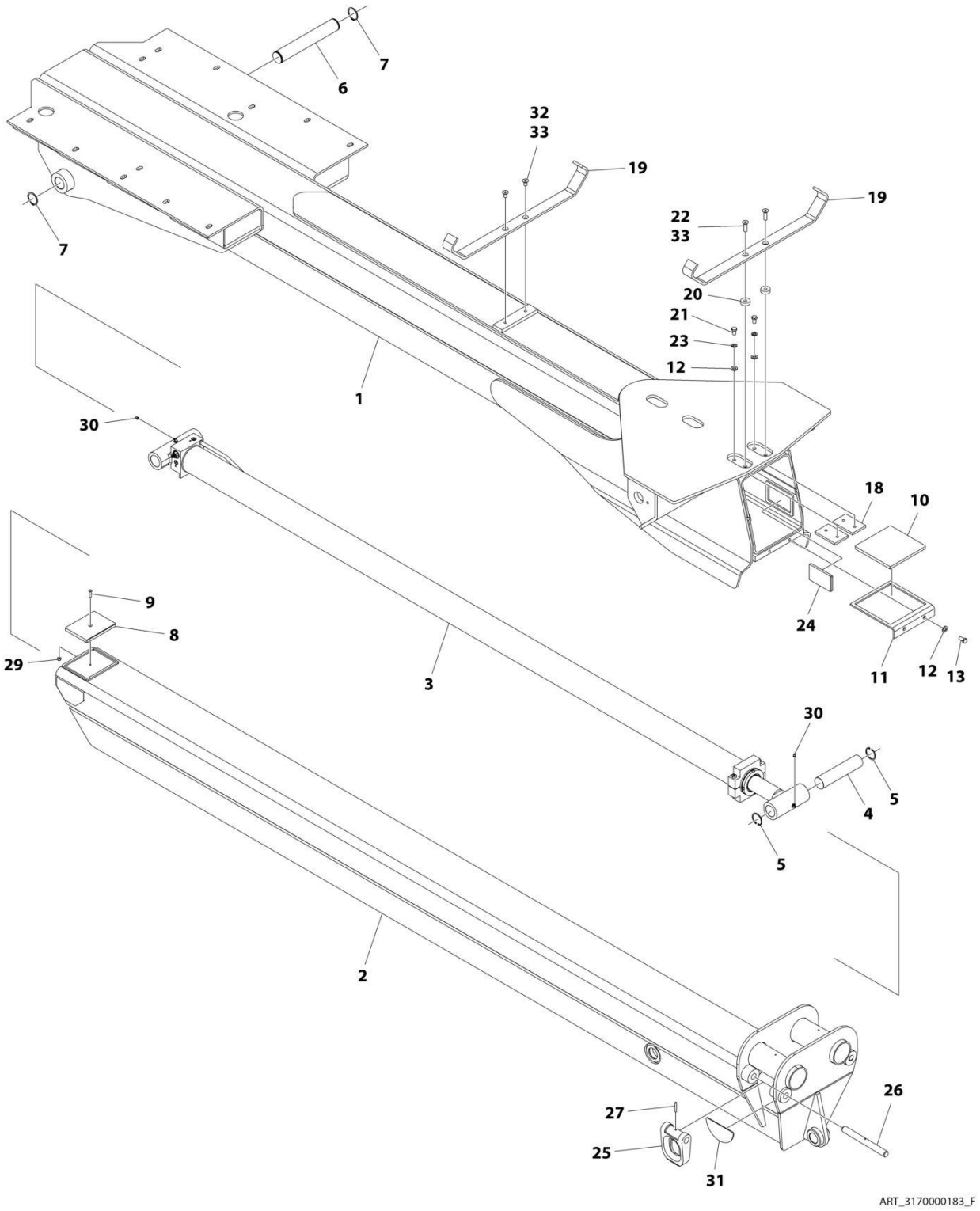


FIGURE 2-4. BOOM ASSEMBLY (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3170000183	Ref	BOOM ASSEMBLY	F
1	3170000182	1	Boom Weldment, Outer	
2	3170000148	1	Boom Weldment, Inner	
3	1001286140	1	Cylinder Assembly (See Separate Breakdown in this Section)	
4	4691000323	1	Pin	
5	7754000061	2	Ring, Retaining	
6	4691000208	1	Pin	
7	7754000048	2	Ring, Retaining	
8	4679000163	1	Pad	
9	7114140818	1	Capscrew 1/4 x 1	
10	4679000162	1	Pad	
11	4706002435	1	Plate	
12	7950180153	4	Washer 1/2	
13	7115180850	2	Bolt 1/2 x 1	
18	4831000061	2	Spacer	
19	4062000746	2	Bar	
20	4831000064	2	Spacer	
21	7115180750	2	Bolt 1/2 x 7/8	
22	7115181423	2	Capscrew 1/2 x 1	
23	7950180000	2	Washer 1/2	
24	4679000168	2	Pad	
25	4754000003	2	D-Ring	
26	4691000243	2	Pin	
27	7690142845	2	Pin	
29	7660142604	1	Nut 1/4	
30	7253000002	2	Fitting, Cap	
31	1001151805	2	Decal	
32	7115180723	2	Capscrew 1/2 x 7/8	
33	0100011	AR	Compound, Locking	

FIGURE 2-5. CYLINDER ASSEMBLY - BOOM LIFT (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

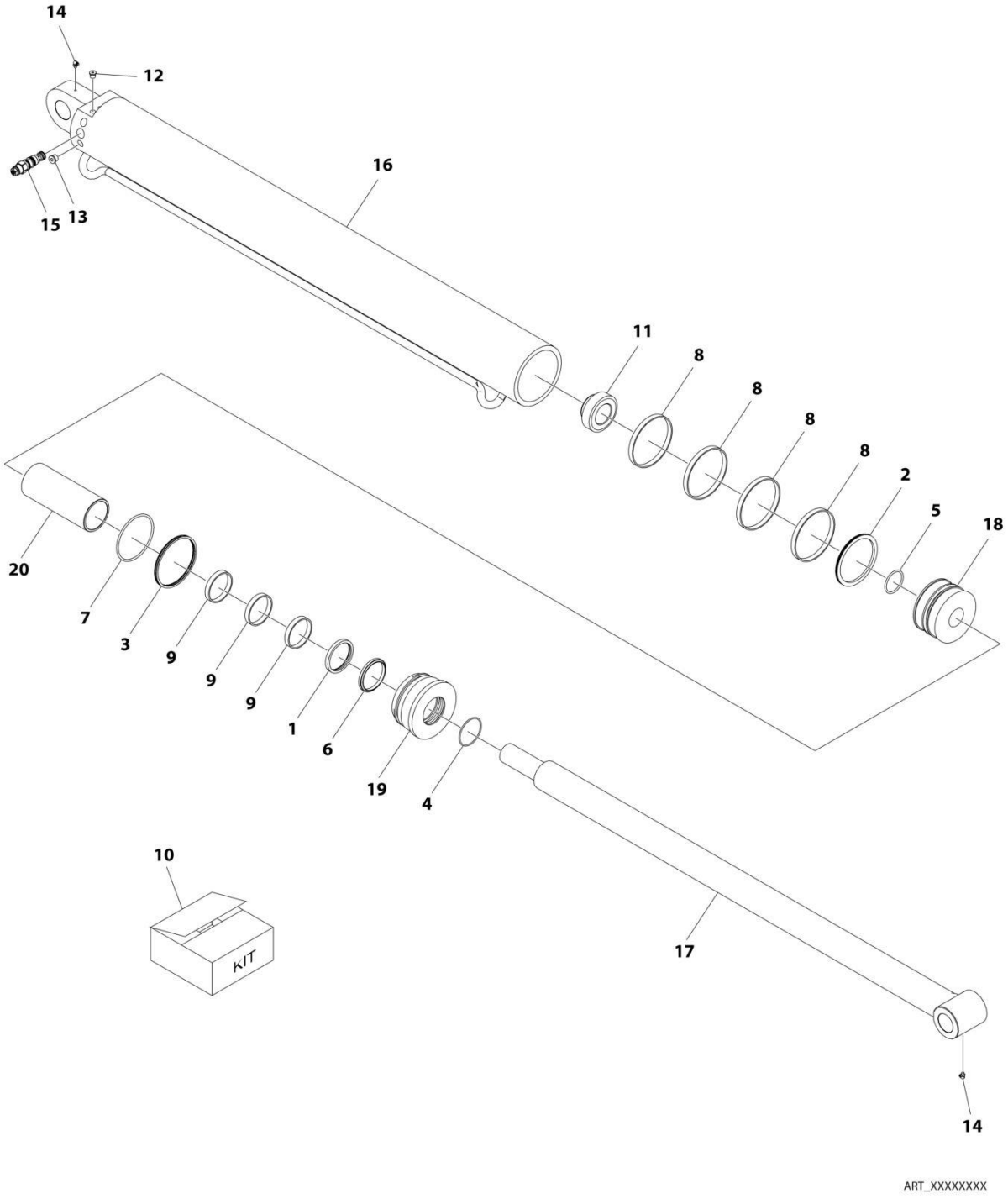


FIGURE 2-5. CYLINDER ASSEMBLY - BOOM LIFT (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000070	Ref	CYLINDER ASSEMBLY - BOOM LIFT	B
1	9796250071	1	Seal	
2	9754250054	1	Ring, Back-up	
3	9796250149	1	Seal, O-Ring	
4	9796250152	1	O-Ring	
5	9796250150	1	O-Ring	
6	9796250114	1	Wiper	
7	9796250151	1	O-Ring	
8	83304140	4	Ring, Wear	
9	9754250055	3	Ring, Wear	
10	7577250296	1	Kit, Seal (Includes Items 1-9)	
11	9661250027	1	Nut	
12	7005365	4	Plug	
13	70021648	2	Plug	
14	7440030400	2	Grease Fitting	
15	9935250032	2	Counter Balance Valve	
16	70051189	1	Tube Assembly	
17	70051188	1	Rod Assembly	
18	9553250018	1	Piston	
19	9698250020	1	Head	
20	70051187	1	Spacer	

FIGURE 2-6. CYLINDER ASSEMBLY - BOOM LIFT (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

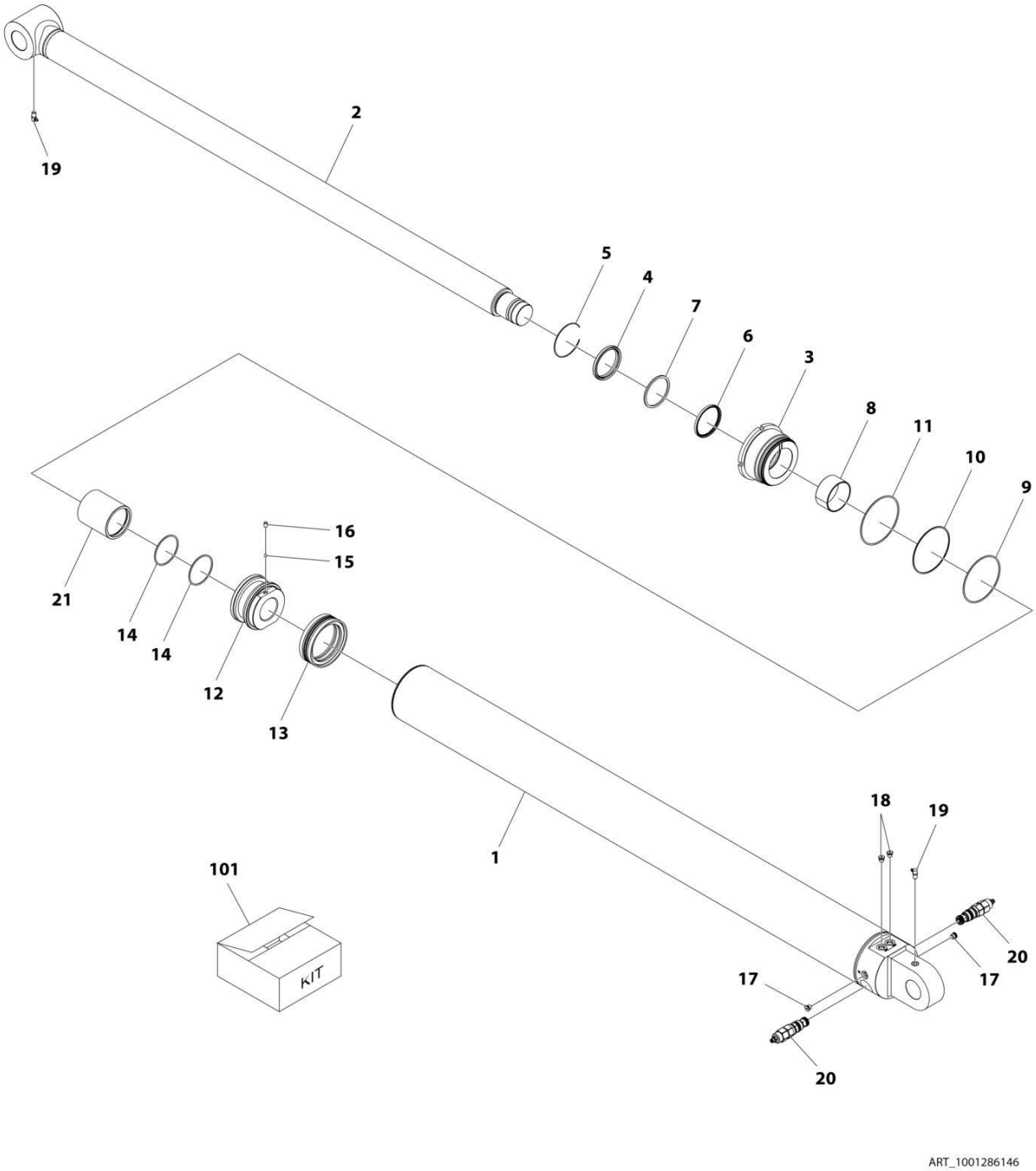


FIGURE 2-6. CYLINDER ASSEMBLY - BOOM LIFT (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286146	Ref	CYLINDER ASSEMBLY - LIFT	A
	See Note	Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70070065	1	Rod	
3	70070057	1	Gland	
4	See Note	NSS	Wiper, Dust (Note: Use Item 101)	
5	70023379	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 101)	
7	See Note	NSS	Ring, Backup (Note: Use Item 101)	
8	70052522	1	Bushing	
9	See Note	NSS	O-Ring (Note: Use Item 101)	
10	See Note	NSS	Ring, Backup (Note: Use Item 101)	
11	See Note	NSS	O-Ring (Note: Use Item 101)	
12	70070058	1	Piston	
13	See Note	NSS	Seal, Piston (Note: Use Item 101)	
14	See Note	NSS	O-Ring (Note: Use Item 101)	
15	70022564	1	Ball, Steel	
16	70006596	1	Screw, Set	
17	70023370	2	Plug	
18	70070038	2	Plug, Dust	
19	70023376	2	Grease Nipple	
20	70070054	2	Valve, Counterbalance	
21	70070066	1	Spacer	
101	70070067	1	Seal Kit (Includes Items 4, 6, 7, 9-11 & 13, 14)	

FIGURE 2-7. CYLINDER ASSEMBLY - BOOM EXTEND/RETRACT (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

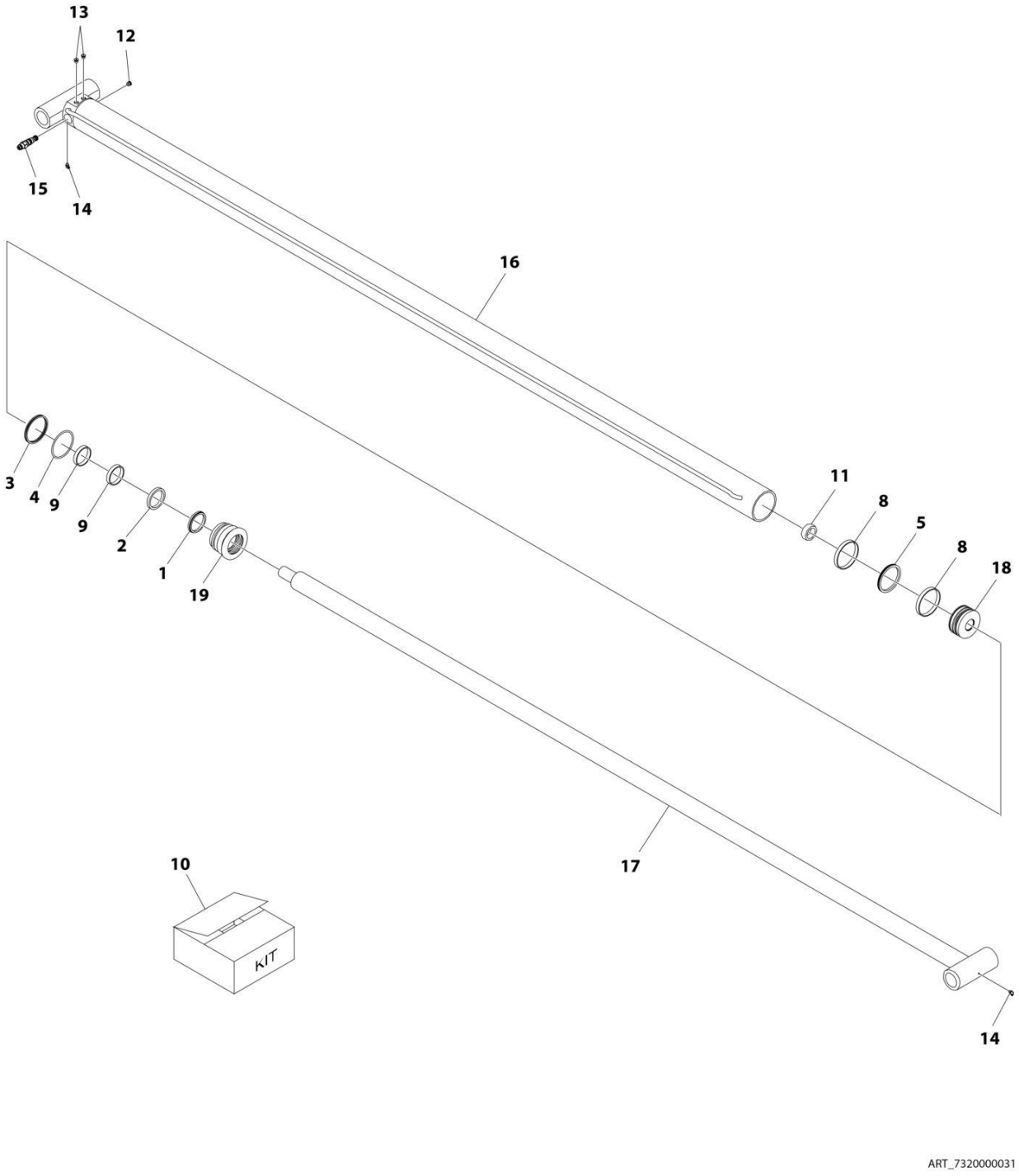


FIGURE 2-7. CYLINDER ASSEMBLY - BOOM EXTEND/RETRACT (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000031	Ref	CYLINDER ASSEMBLY - BOOM EXTEND/RETRACT	B
1		Ref	Wiper	
2		Ref	Seal	
3		Ref	Back-Up	
4		Ref	O-Ring	
5		Ref	Seal	
6		Ref	O-Ring (Not Shown)	
7		Ref	O-Ring (Not Shown)	
8		Ref	Wear Ring	
9		Ref	Wear Ring	
10	7577000167	1	Kit, Seal (Includes Items 1-9)	
11	7003116	1	Nut	
12	7005365	1	Plug	
13	70021648	2	Plug	
14	7440030400	2	Fitting, 90	
15	9935250032	1	Counterbalance Valve	
16	9912250014	1	Tube	
17	9763250019	1	Rod	
18	9553250010	1	Head	
19	7698250012	1	Piston	

FIGURE 2-8. CYLINDER ASSEMBLY - BOOM EXTEND/RETRACT (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

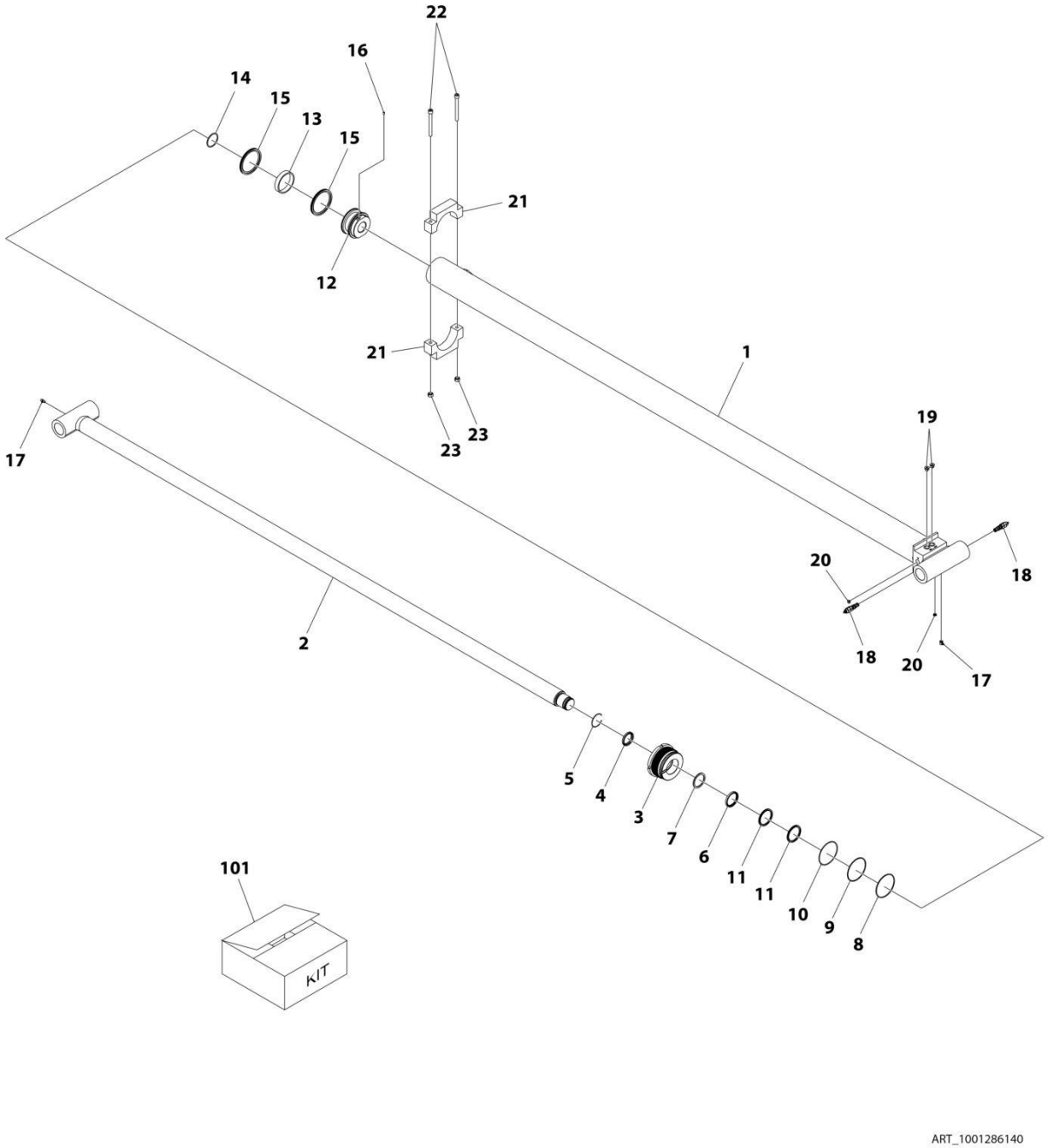


FIGURE 2-8. CYLINDER ASSEMBLY - BOOM EXTEND/RETRACT (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286140	Ref	CYLINDER ASSEMBLY - EXTEND/RETRACT	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not available for purchase)	
2	70070117	1	Rod	
3	70070113	1	Gland	
4	See Note	NSS	Wiper, Dust (Note: Use Item 101)	
5	70050795	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 101)	
7	See Note	NSS	Ring, Back-up (Note: Use Item 101)	
8	See Note	NSS	O-Ring (Note: Use Item 101)	
9	See Note	NSS	Ring, Back-up (Note: Use Item 101)	
10	See Note	NSS	O-Ring (Note: Use Item 101)	
11	See Note	NSS	Ring, Wear (Note: Use Item 101)	
12	70070114	1	Piston	
13	See Note	NSS	Seal, Piston (Note: Use Item 101)	
14	See Note	NSS	O-Ring (Note: Use Item 101)	
15	See Note	NSS	Ring, Wear (Note: Use Item 101)	
16	70007105	1	Set Screw	
17	70023376	2	Grease Nipple	
18	70070118	2	Valve, Counterbalance	
19	70023371	2	Plug	
20	70023370	2	Plug	
21	70070115	2	Bracket	
22	70023368	2	Bolt	
23	70005594	2	Nut	
101	70070119	1	Seal Kit (Includes Items 4, 6-11, 13-15)	

FIGURE 2-9. WINCH INSTALLATION - MAIN BOOM (DP35 WITH.63IN CABLE)

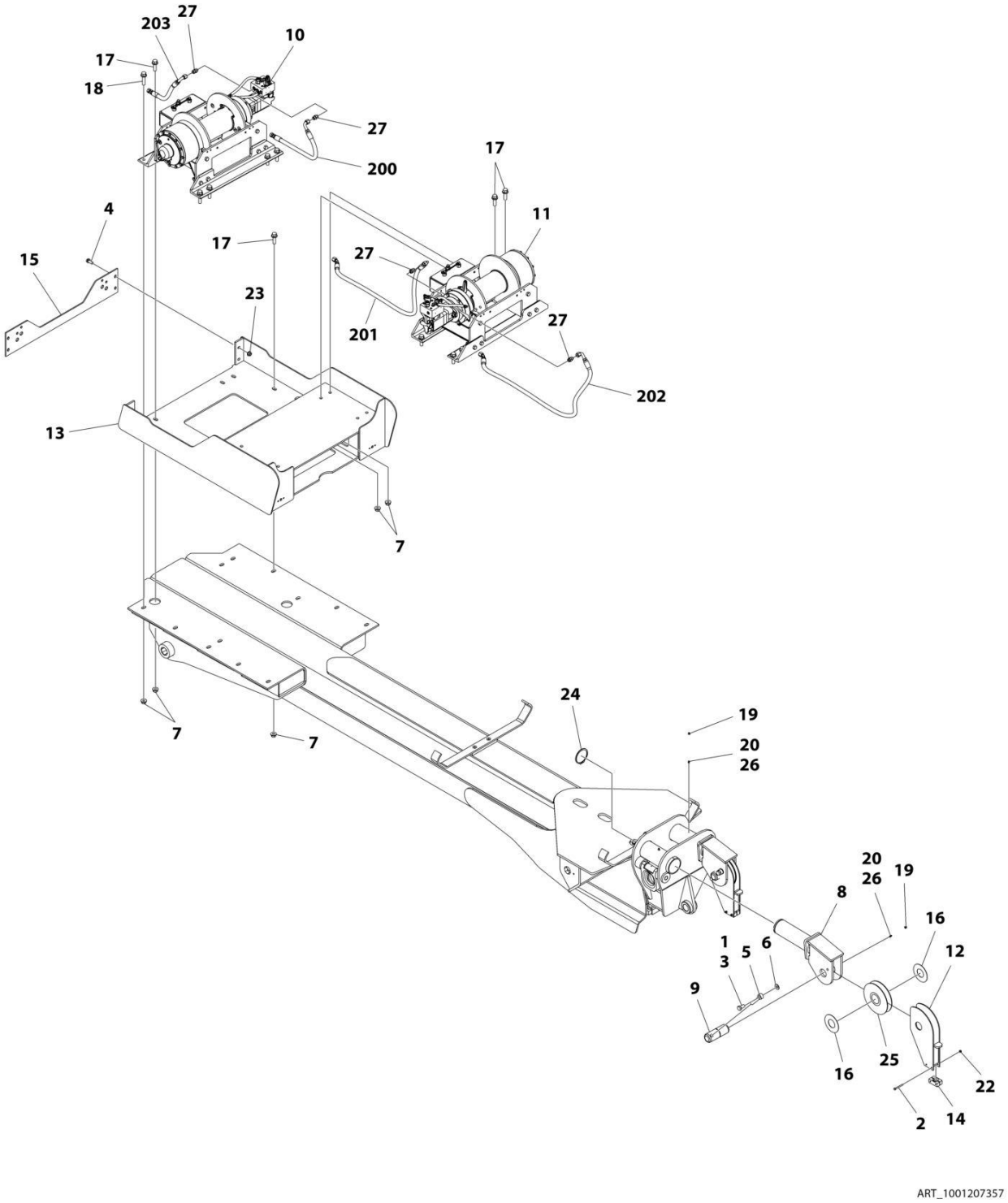


FIGURE 2-9. WINCH INSTALLATION - MAIN BOOM (DP35 WITH.63IN CABLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207357	Ref	WINCH INSTALLATION - MAIN BOOM (DP35 0.63IN CABLE)	C
1	0100011	AR	Compound Locking	
2	0641420	4	Bolt 1/4 x 2-1/2	
3	0811810	2	Screw 1/2 x 1-1/4	
4	0642010	4	Bolt 5/8 x 1-1/4	
5	3841258	2	Keeper, Pin	
6	4712000	2	Washer 5/8	
7	7661000018	22	Nut 5/8	
8	1001169609	2	Sheave Support Weldment	
9	1001170037	2	Pin	
10	1001210256	1	Winch Assembly (See Separate Breakdown in this Section)	
11	1001210257	1	Winch Assembly (See Separate Breakdown in this Section)	
12	3249000001	2	Guide, Cable	
13	3636000068	1	Winch Mount	
14	4249000001	4	Guide, Cable	
15	4706002417	1	Plate	
16	4949000031	4	Washer 1/16	
17	7118201616	16	Bolt 5/8 x 2	
18	7118202016	6	Bolt 5/8 x 2-1/2	
19	7253000002	4	Fitting, Cap	
20	7440030000	4	Fitting, Straight	
21	1001219190	1	Hose, Kit (Not Shown) (Includes Items 200-203)	
22	7660142601	4	Nut 1/4	
23	7660182301	4	Nut 1/2	
24	7754000049	2	Ring, Retaining	
25	7809000019	2	Sheave	
26	1001152707	AR	Lubricant	
27	7445100843	4	Fitting, Straight	
200	4567152018	1	Hose	
201	1001166531	1	Hose	
202	1001219188	1	Hose	
203	1001219189	1	Hose	

FIGURE 2-10. WINCH INSTALLATION - MAIN BOOM (DP35 WITH.75IN CABLE)

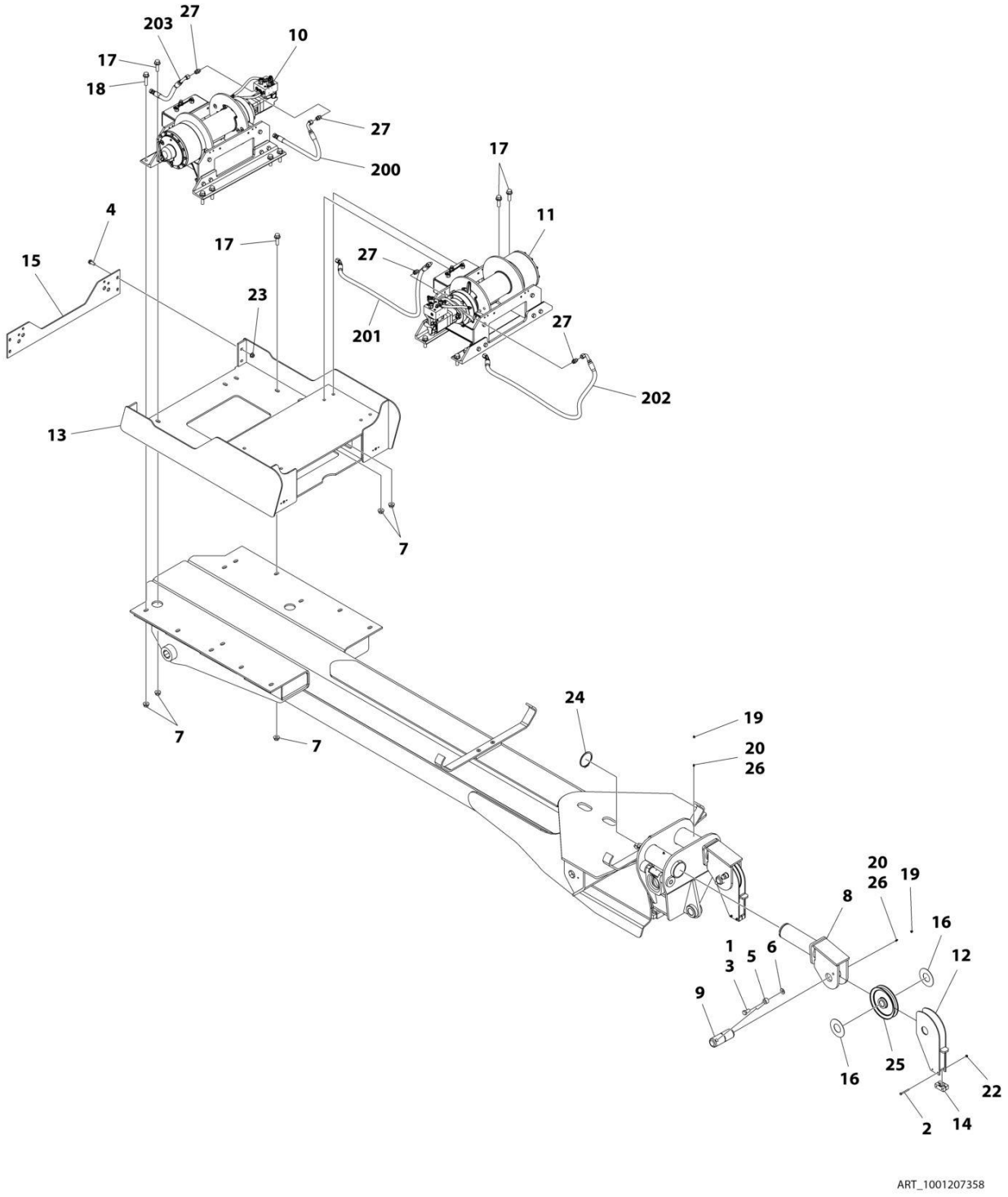


FIGURE 2-10. WINCH INSTALLATION - MAIN BOOM (DP35 WITH.75IN CABLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207358	Ref	WINCH INSTALLATION - MAIN BOOM (DP35 0.75IN CABLE)	C
1	0100011	AR	Compound Locking	
2	0641420	4	Bolt 1/4 x 2-1/2	
3	0641808	2	Bolt 1/2 x 1	
4	0811810	4	Screw 1/2 x 1-1/4	
5	3841203	2	Keeper, Pin	
6	4711800	2	Washer 1/2	
7	7661000018	22	Nut 5/8	
8	1001169616	2	Sheave Support Weldment	
9	1001169893	2	Pin	
10	1001210256	1	Winch Assembly (See Separate Breakdown in this Section)	
11	1001210257	1	Winch Assembly (See Separate Breakdown in this Section)	
12	3249000012	2	Guide, Cable	
13	3636000068	1	Winch Mount	
14	4249000001	4	Guide, Cable	
15	4706002417	1	Plate	
16	4949000045	4	Washer 1/16	
17	7118201616	16	Bolt 5/8 x 2	
18	7118202016	6	Bolt 5/8 x 2-1/2	
19	7253000002	4	Fitting, Cap	
20	7440030000	4	Fitting, Straight	
21	1001219190	1	Hose, Kit (Not Shown) (Includes Items 200-203)	
22	7660142601	4	Nut 1/4	
23	7660182301	4	Nut 1/2	
24	7754000049	2	Ring, Retaining	
25	7809000006	2	Sheave	
26	1001152707	AR	Lubricant	
27	7445100843	4	Fitting, Straight	
200	4567152018	1	Hose	
201	1001166531	1	Hose	
202	1001219188	1	Hose	
203	1001219189	1	Hose	

FIGURE 2-11. WINCH INSTALLATION - MAIN BOOM (RAMSEY WITH.63IN CABLE)

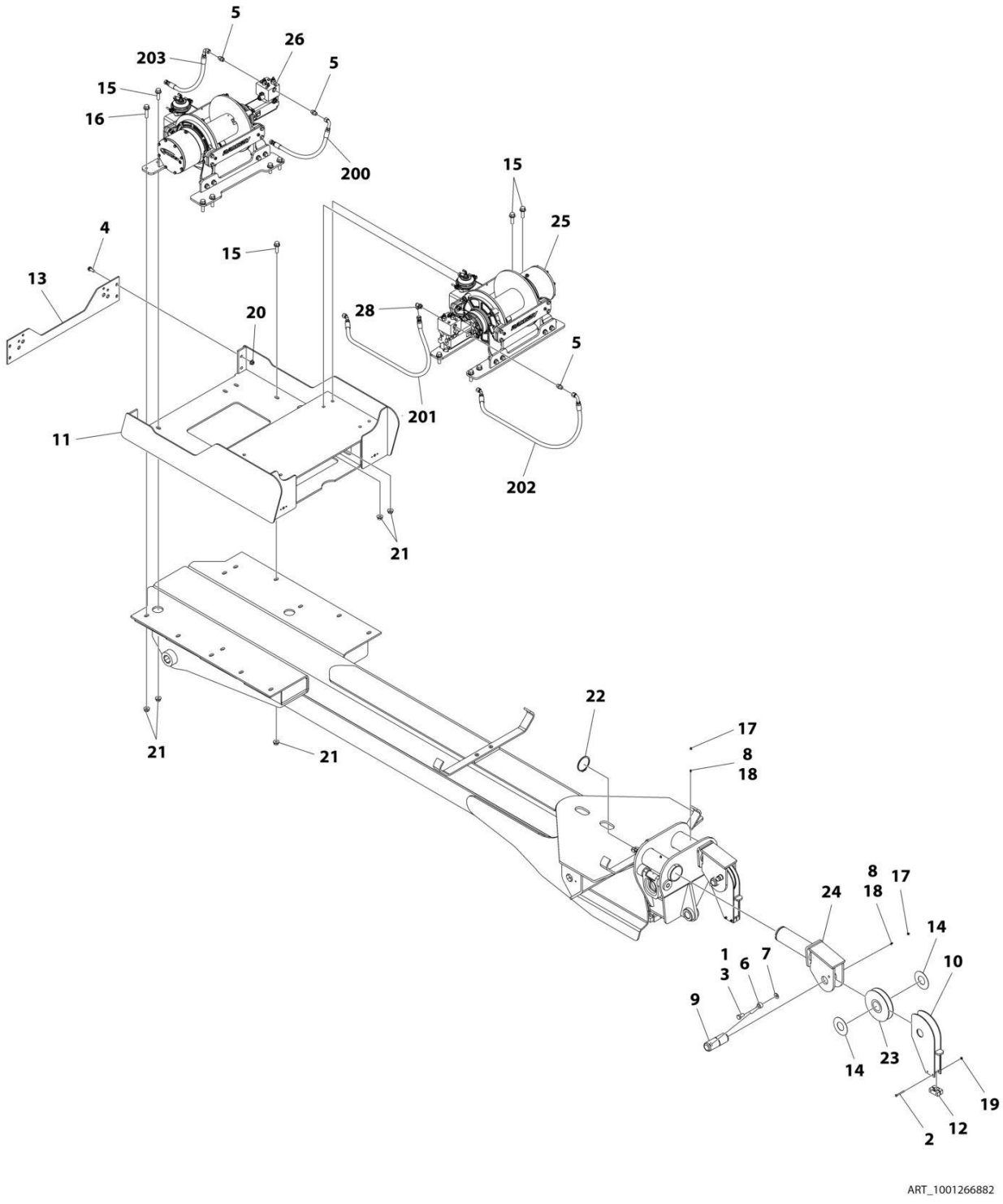


FIGURE 2-11. WINCH INSTALLATION - MAIN BOOM (RAMSEY WITH.63IN CABLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266882	Ref	WINCH INSTALLATION - MAIN BOOM (RAMSEY 0.63IN CABLE)	A
1	0100011	AR	Compound Locking	
2	0641420	4	Bolt 1/4 x 2-1/2	
3	0642010	2	Bolt 5/8 x 1-1/4	
4	0811810	4	Screw 1/2 x 1-1/4	
5	2220947	3	Adapter	
6	3841258	2	Keeper, Pin	
7	4712000	2	Washer 5/8	
8	1001152707	AR	Lubricant	
9	1001170037	2	Pin	
10	3249000001	2	Guide, Cable	
11	3636000068	1	Winch Mount	
12	4249000001	4	Guide, Cable	
13	4706002417	1	Plate	
14	4949000031	4	Washer 1/16	
15	7118201616	16	Bolt 5/8 x 2	
16	7118202016	6	Bolt 5/8 x 2-1/2	
17	7253000002	4	Fitting, Cap	
18	7440030000	4	Fitting, Straight	
19	7660142601	4	Nut 1/4	
20	7660182301	4	Nut 1/2	
21	7661000018	22	Nut 5/8	
22	7754000049	2	Ring, Retaining	
23	7809000019	2	Sheave	
24	1001169609	2	Sheave Support Weldment	
25	1001266903	1	Winch Assembly (See Separate Breakdown in this Section)	
26	1001266904	1	Winch Assembly (See Separate Breakdown in this Section)	
27	1001266915	1	Hose, Kit (Not Shown) (Includes Items 200-203)	
28	2221036	1	Fitting, 90	
200	1001166531	1	Hose	
201	1001166532	1	Hose	
202	1001219189	1	Hose	
203	1001267012	1	Hose	

FIGURE 2-12. WINCH INSTALLATION - MAIN BOOM (RAMSEY WITH.75IN CABLE)

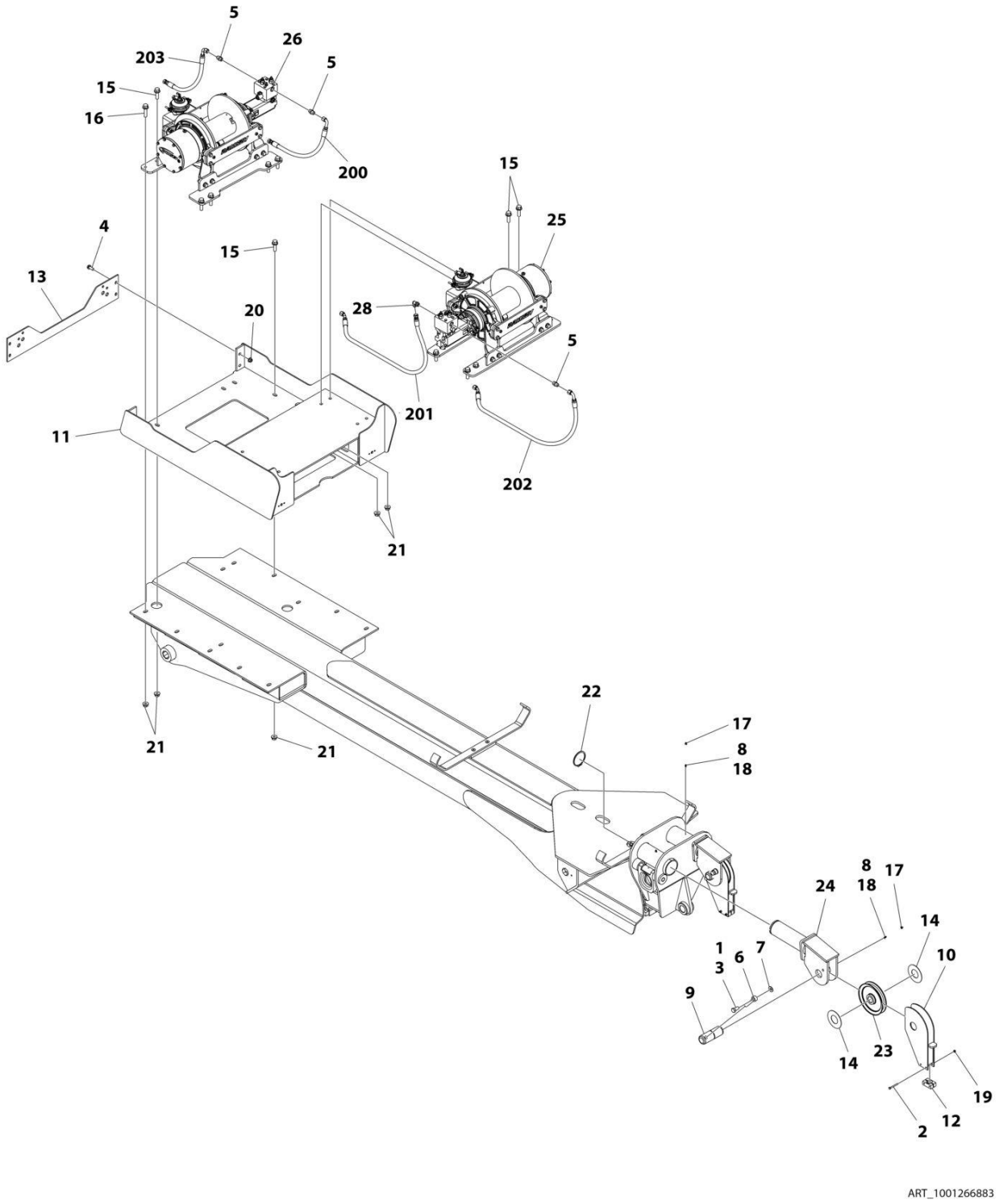


FIGURE 2-12. WINCH INSTALLATION - MAIN BOOM (RAMSEY WITH.75IN CABLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266883	Ref	WINCH INSTALLATION - MAIN BOOM (RAMSEY 0.75IN CABLE)	A
1	0100011	AR	Compound Locking	
2	0641420	4	Bolt 1/4 x 2-1/2	
3	0641808	2	Bolt 1/2 x 1	
4	0811810	4	Screw 1/2 x 1-1/4	
5	2220947	3	Adapter	
6	3841203	2	Keeper, Pin	
7	4711800	2	Washer 1/2	
8	1001152707	AR	Lubricant	
9	1001169893	2	Pin	
10	3249000012	2	Guide, Cable	
11	3636000068	1	Winch Mount	
12	4249000001	4	Guide, Cable	
13	4706002417	1	Plate	
14	4949000045	4	Washer 1/16	
15	7118201616	16	Bolt 5/8 x 2	
16	7118202016	6	Bolt 5/8 x 2-1/2	
17	7253000002	4	Fitting, Cap	
18	7440030000	4	Fitting, Straight	
19	7660142601	4	Nut 1/4	
20	7660182301	4	Nut 1/2	
21	7661000018	22	Nut 5/8	
22	7754000049	2	Ring, Retaining	
23	7809000006	2	Sheave	
24	1001169616	2	Sheave Support Weldment	
25	1001266903	1	Winch Assembly (See Separate Breakdown in this Section)	
26	1001266904	1	Winch Assembly (See Separate Breakdown in this Section)	
27	1001266915	1	Hose, Kit (Not Shown) (Includes Items 200-203)	
28	2221036	1	Fitting, 90	
200	1001166531	1	Hose	
201	1001166532	1	Hose	
202	1001219189	1	Hose	
203	1001267012	1	Hose	

FIGURE 2-13. WINCH ASSEMBLY - FRONT LH (DP35)

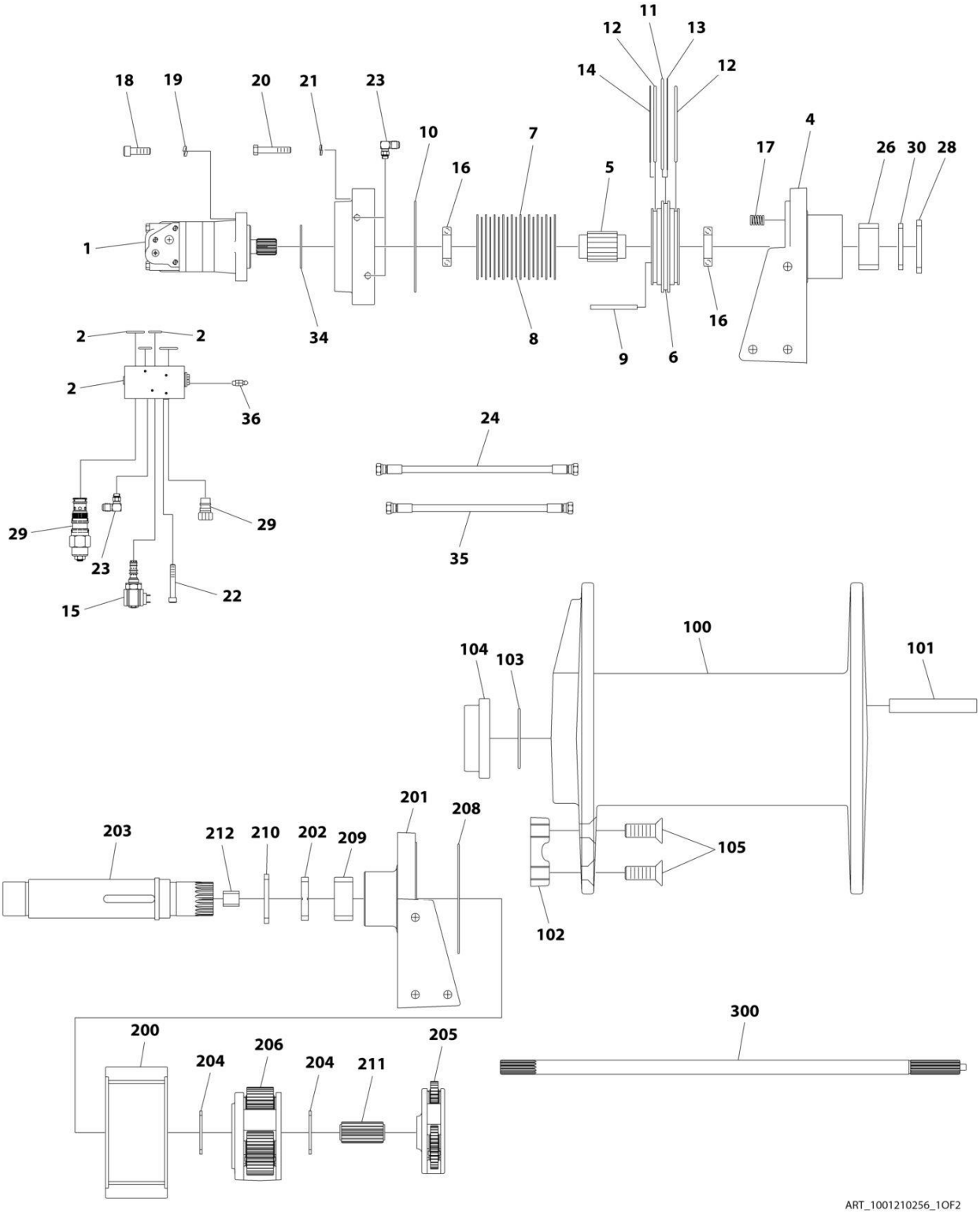


FIGURE 2-14. WINCH ASSEMBLY - FRONT LH (DP35)

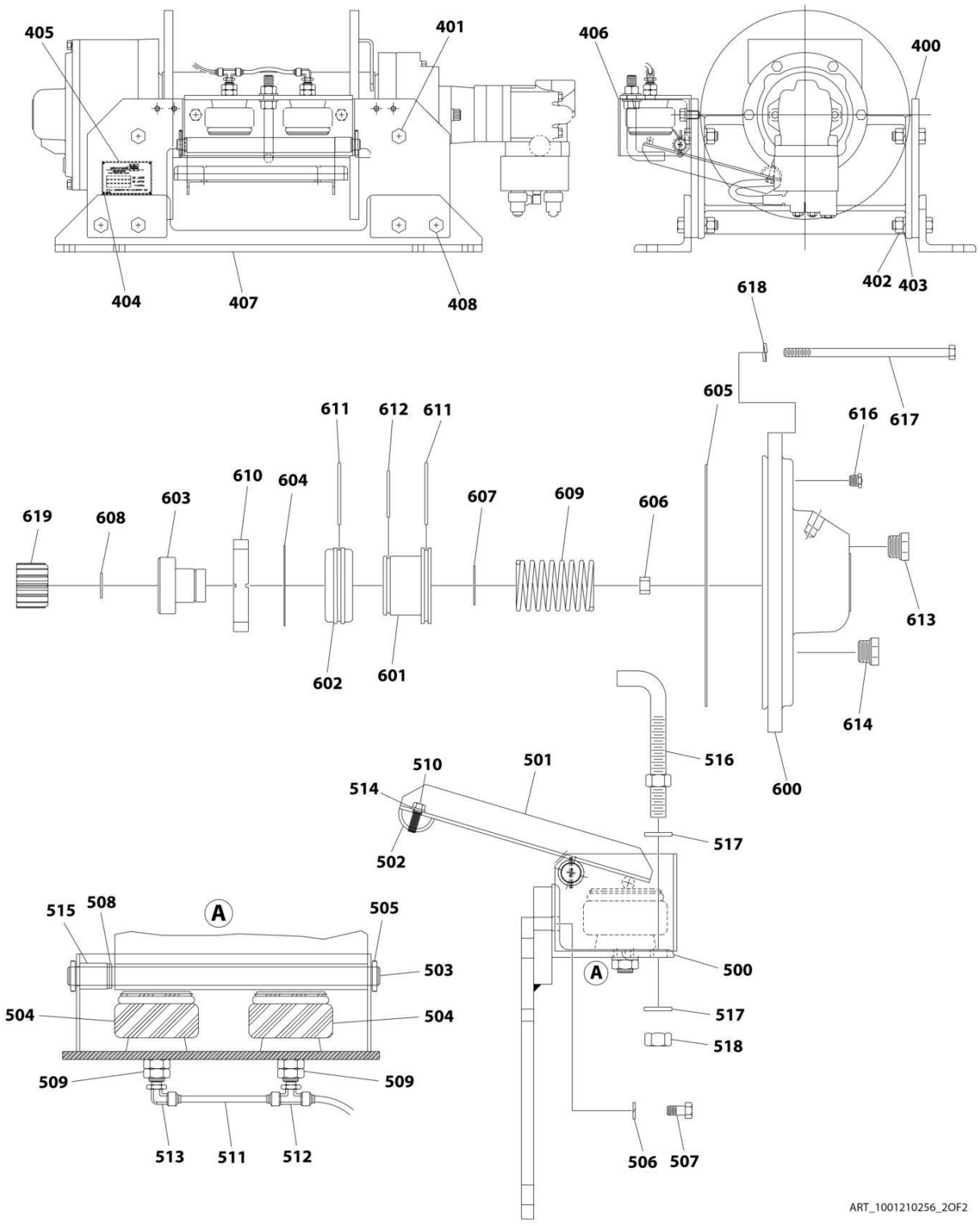


FIGURE 2-14. WINCH ASSEMBLY - FRONT LH (DP35)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210256	Ref	WINCH ASSEMBLY - FRONT LH (DP35)	A
		Ref	MOTOR END ASSEMBLY	
1	70050399	1	Motor, Hydraulic	
2	70050368	1	Valve, Counterbalance	
3	9571960006	1	Brake Housing	
4	9177960004	1	Support, Motor End	
5	9806960019	1	Shaft Brake	
6	9698960008	1	Piston, Brake	
7	9706960023	10	Plate, Friction Disc	
8	70051302	9	Plate, Brake Drive	
9	9691960021	2	Pin	
10	70051307	1	O-Ring	
11	70051305	1	O-Ring	
12	70051303	2	O-Ring	
13	70051306	1	Backup Ring	
14	70051304	1	Backup Ring	
15	70050371	1	Cartridge, Valve	
16	9082960013	2	Bearing	
17	9843960024	12	Compression Spring	
18	7118181205	2	Capscrew 1/2 x 1-1/2	
19	7950180800	2	Washer 1/2	
20	7118172050	6	Capscrew 7/16 x 2-1/2	
21	7950170000	6	Washer 7/16	
22	70050370	4	Capscrew 3/8 x 2-1/2	
23	7445040445	3	Fitting, 90	
24	70050372	1	Hose	
25	70050401	1	Tag, Warning (Not Shown)	
26	9082960018	1	Bearing	
28	9796960121	1	Seal	
29	9935960026	2	Cartridge, Counterbalance	
30	9949960028	1	Thrust Washer	
34	9796960090	1	O-Ring	
35	70051309	1	Hose	
36	9443960006	1	Fitting, Straight	
		Ref	DRUM ASSEMBLY	
100	9970960020	1	Drum	
101	9575960012	2	Key, Drum	
102	9280960002	1	Clip	
103	9796960089	1	O-Ring	
104	9831960018	1	Spacer	
105	7110201423	2	Capscrew 5/8 x 1-3/4	
		Ref	GEAR END ASSEMBLY	
200	70050991	1	Gear	
201	9177960003	1	Support, Gear End	
202	9949960028	1	Thrust Washer	
203	9806960021	1	Shaft, Output	
204	9949960027	2	Thrust Washer	
205	9472960052	1	Carrier Assembly, Primary	
206	70050992	1	Carrier Assembly, Secondary	
207	9330960006	1	Label, Warning (Not Shown)	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
208	9796960120	1	O-Ring	
209	9082960018	1	Bearing	
210	9796960121	1	Seal	
211	70050993	1	Gear, Sun Secondary	
212	9209960025	1	Bushing	
		Ref	INPUT SHAFT ASSEMBLY	
300	70050994	1	Input Shaft	
		Ref	BASE MOUNT ASSEMBLY	
400	9073960003	2	Base Mount	
401	7115201850	4	Capscrew 5/8 x 2-1/4	
402	7660200001	12	Nut 5/8	
403	7950200000	12	Washer 5/8	
404	70050147	4	Rivet	
405	70050384	1	Plate, Winch ID	
406	70050398	1	Kit - Cable Hold Down	
407	9073960004	2	Base Mount	
408	7115202250	8	Capscrew 5/8 x 2-3/4	
		Ref	CABLE HOLD DOWN ASSEMBLY	
500	9178960011	1	Mounting Bracket	
501	9020960002	1	Pivot Arm	
502	9064960007	1	Rub Bar	
503	9691960019	1	Pin	
504	9843960023	2	Air Spring	
505	9690960039	2	Cotter Pin	
506	7950180000	2	Washer 1/2	
507	7115181650	2	Capscrew 1/2 x 1	
508	9949960012	2	Thrust Washer	
509	7660200200	4	Nut 5/8	
510	9120960063	2	Capscrew 5/16 x 1	
511	9912960010	3	Tube	
512	7443000205	3	Fitting, Tee	
513	7443000204	1	Fitting, 90	
514	9949960050	2	Washer 5/8	
515	9831960009	1	Spacer	
516	9120960019	1	Bolt 5/8 x 6-1/2	
517	7950200151	2	Washer 5/8	
518	7660200001	1	Nut 5/8	
		Ref	GEAR END COVER ASSEMBLY	
600	9314960022	1	Cover, Gear End	
601	9698960016	1	Piston	
602	9698960015	1	Cylinder, Piston	
603	9309960011	1	Coupling	
604	9754960026	1	Retainer Ring	
605	9796960120	1	O-Ring	
606	9209960026	1	Bushing	
607	9754960046	1	Retainer Ring	
608	9754960047	1	Retainer Ring	
609	9843960032	1	Compression Spring	
610	9949960028	1	Thrust Washer	
611	9796960119	2	O-Ring	
612	9796960118	1	O-Ring	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
613	9701960011	1	Plug	
613	70050998	1	O-Ring	
614	9701960012	1	Plug	
614	70050998	1	O-Ring	
615	9701960018	1	Plug (Not Shown)	
616	9183960001	1	Vent	
617	70050995	12	Capscrew 3/8 x 5-1/2	
618	7950160000	12	Washer 3/8	
619	9472960054	1	Gear, 15 Teeth	

FIGURE 2-15. WINCH ASSEMBLY - REAR RH (DP35)

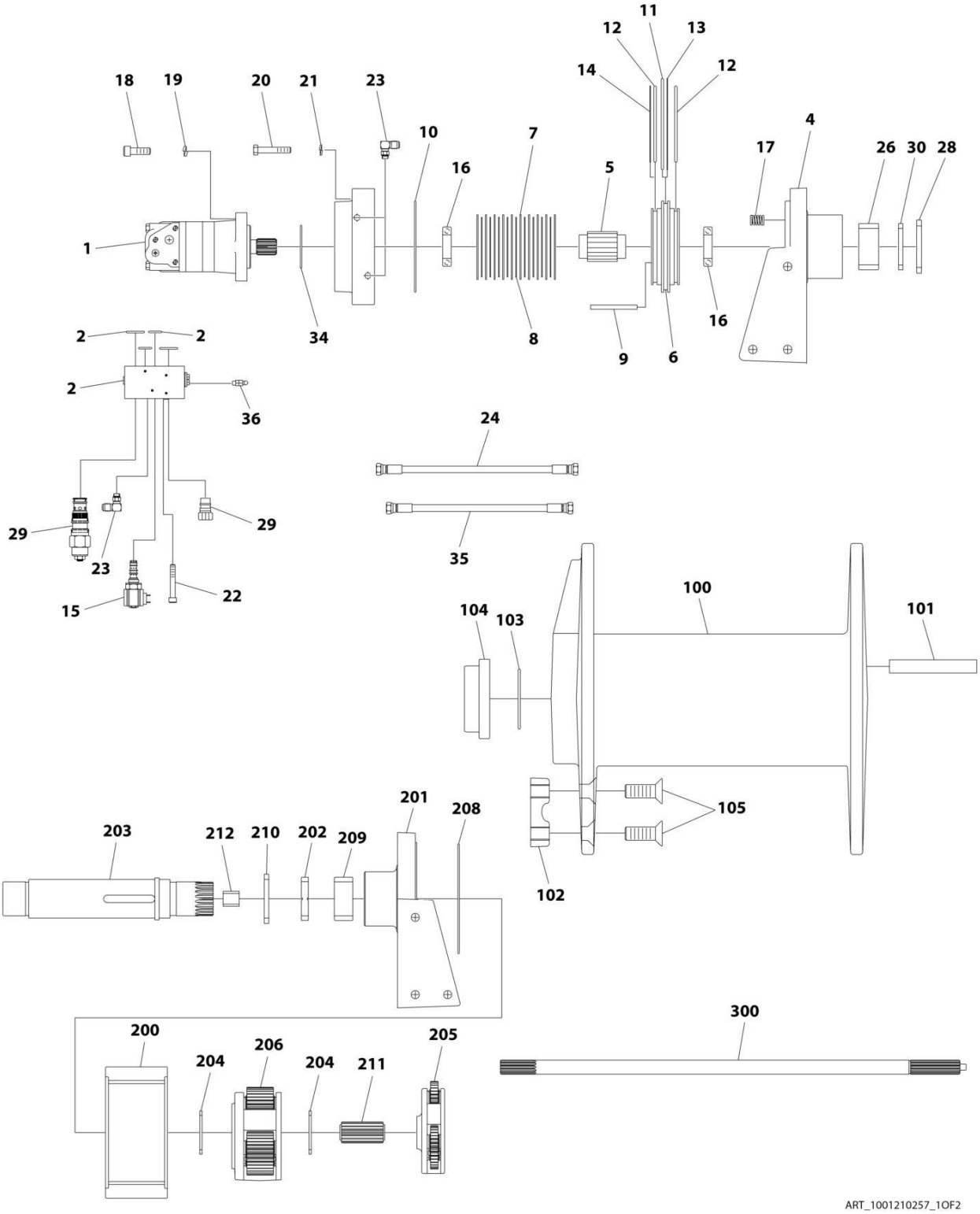


FIGURE 2-16. WINCH ASSEMBLY - REAR RH (DP35)

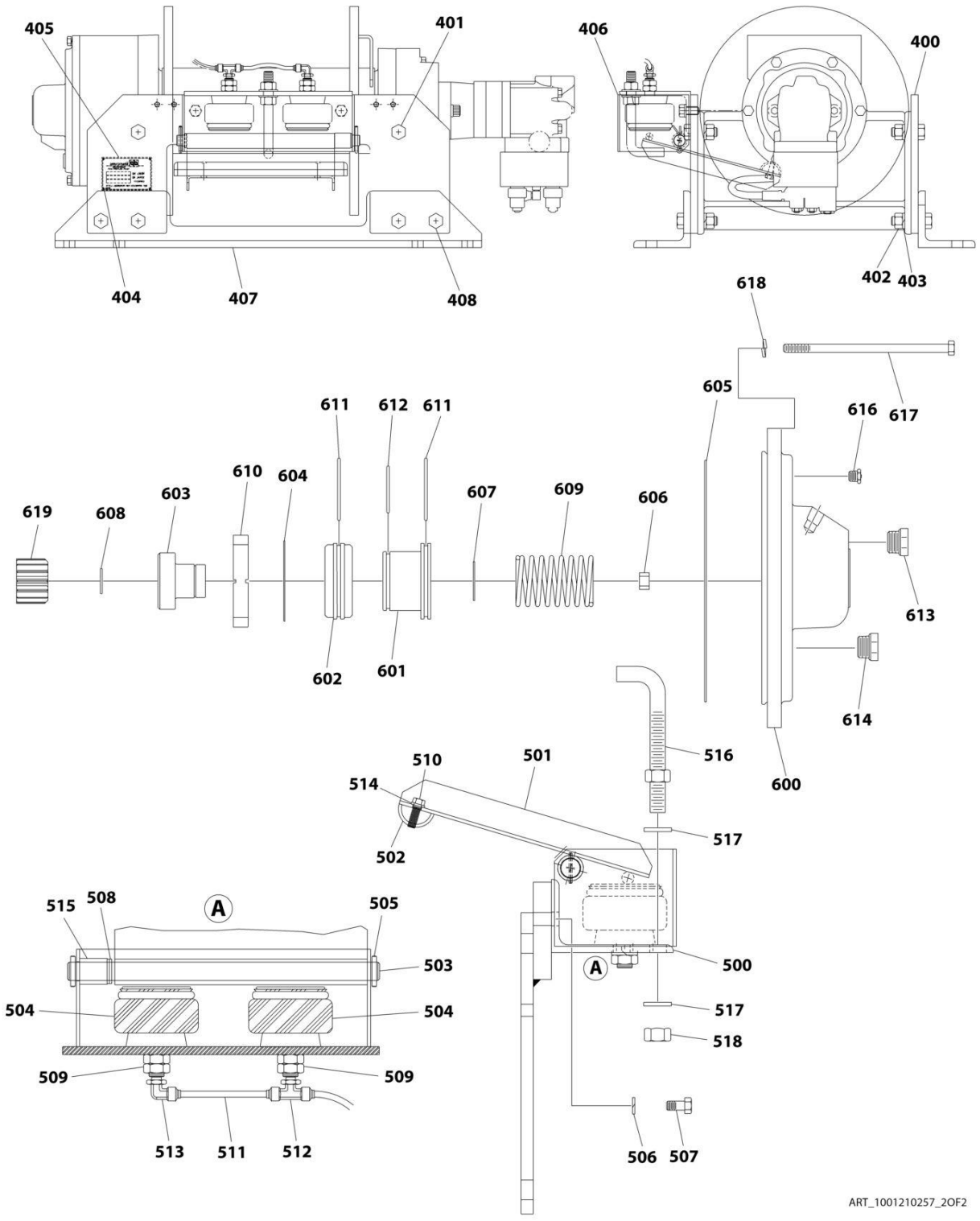


FIGURE 2-16. WINCH ASSEMBLY - REAR RH (DP35)

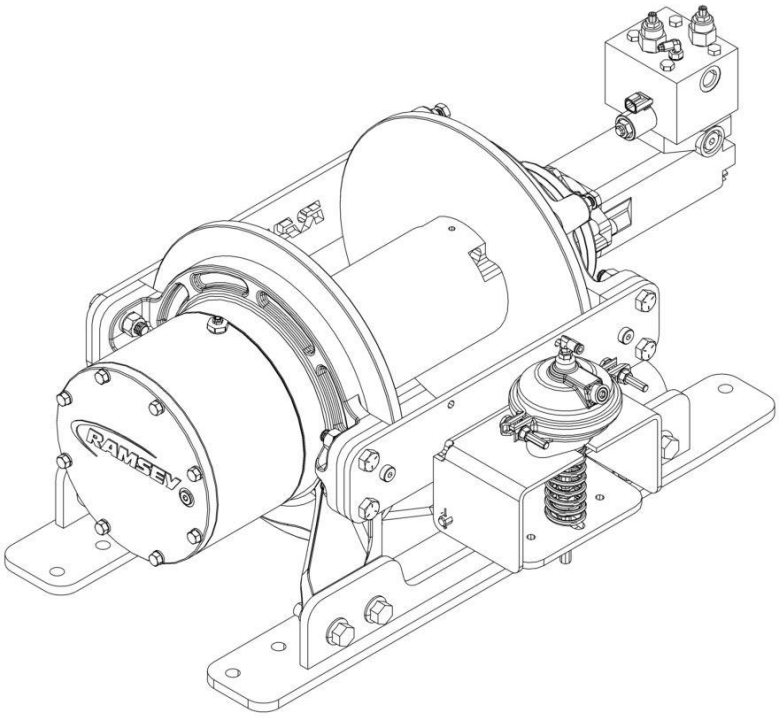
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210257	Ref	WINCH ASSEMBLY - REAR RH (DP35)	A
		Ref	MOTOR END ASSEMBLY	
1	70050399	1	Motor, Hydraulic	
2	70050368	1	Valve, Counterbalance	
3	9571960006	1	Brake Housing	
4	9177960004	1	Support, Motor End	
5	9806960019	1	Shaft Brake	
6	9698960008	1	Piston, Brake	
7	9706960023	10	Plate, Friction Disc	
8	70051302	9	Plate, Brake Drive	
9	9691960021	2	Pin	
10	70051307	1	O-Ring	
11	70051305	1	O-Ring	
12	70051303	2	O-Ring	
13	70051306	1	Backup Ring	
14	70051304	1	Backup Ring	
15	70050371	1	Cartridge, Valve	
16	9082960013	2	Bearing	
17	9843960024	12	Compression Spring	
18	7118181205	2	Capscrew 1/2 x 1-1/2	
19	7950180800	2	Washer 1/2	
20	7118172050	6	Capscrew 7/16 x 2-1/2	
21	7950170000	6	Washer 7/16	
22	70050370	4	Capscrew 3/8 x 2-1/2	
23	7445040445	3	Fitting, 90	
24	70050372	1	Hose	
25	70050401	1	Tag, Warning (Not Shown)	
26	9082960018	1	Bearing	
28	9796960121	1	Seal	
29	9935960026	2	Cartridge, Counterbalance	
30	9949960028	1	Thrust Washer	
34	9796960090	1	O-Ring	
35	70051309	1	Hose	
36	9443960006	1	Fitting, Straight	
		Ref	DRUM ASSEMBLY	
100	9970960020	1	Drum	
101	9575960012	2	Key, Drum	
102	9280960002	1	Clip	
103	9796960089	1	O-Ring	
104	9831960018	1	Spacer	
105	7110201423	2	Capscrew 5/8 x 1-3/4	
		Ref	Gear End Assembly	
200	70050991	1	Gear	
201	9177960003	1	Support, Gear End	
202	9949960028	1	Thrust Washer	
203	9806960021	1	Shaft, Output	
204	9949960027	2	Thrust Washer	
205	9472960052	1	Carrier Assembly, Primary	
206	70050992	1	Carrier Assembly, Secondary	
207	9330960006	1	Label, Warning (Not Shown)	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
208	9796960120	1	O-Ring	
209	9082960018	1	Bearing	
210	9796960121	1	Seal	
211	70050993	1	Gear, Sun Secondary	
212	9209960025	1	Bushing	
		Ref	INPUT SHAFT ASSEMBLY	
300	70050994	1	Input Shaft	
		Ref	BASE MOUNT ASSEMBLY	
400	9073960003	2	Base Mount	
401	7115201850	4	Capscrew 5/8 x 2-1/4	
402	7660200001	12	Nut 5/8	
403	7950200000	12	Washer 5/8	
404	70050147	4	Rivet	
405	70050384	1	Plate, Winch ID	
406	70050398	1	Kit - Cable Hold Down	
407	9073960004	2	Base Mount	
408	7115202250	8	Capscrew 5/8 x 2-3/4	
		Ref	CABLE HOLD DOWN ASSEMBLY	
500	9178960011	1	Mounting Bracket	
501	9020960002	1	Pivot Arm	
502	9064960007	1	Rub Bar	
503	9691960019	1	Pin	
504	9843960023	2	Air Spring	
505	9690960039	2	Cotter Pin	
506	7950180000	2	Washer 1/2	
507	7115181650	2	Capscrew 1/2 x 1	
508	9949960012	2	Thrust Washer	
509	7660200200	4	Nut 5/8	
510	9120960063	2	Capscrew 5/16 x 1	
511	9912960010	3	Tube	
512	7443000205	3	Fitting, Tee	
513	7443000204	1	Fitting, 90	
514	9949960050	2	Washer 5/8	
515	9831960009	1	Spacer	
516	9120960019	1	Bolt 5/8 x 6-1/2	
517	7950200151	2	Washer 5/8	
518	7660200001	1	Nut 5/8	
		Ref	GEAR END COVER ASSEMBLY	
600	9314960022	1	Cover, Gear End	
601	9698960016	1	Piston	
602	9698960015	1	Cylinder, Piston	
603	9309960011	1	Coupling	
604	9754960026	1	Retainer Ring	
605	9796960120	1	O-Ring	
606	9209960026	1	Bushing	
607	9754960046	1	Retainer Ring	
608	9754960047	1	Retainer Ring	
609	9843960032	1	Compression Spring	
610	9949960028	1	Thrust Washer	
611	9796960119	2	O-Ring	
612	9796960118	1	O-Ring	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
613	9701960011	1	Plug	
613	70050998	1	O-Ring	
614	9701960012	1	Plug	
614	70050998	1	O-Ring	
615	9701960018	1	Plug (Not Shown)	
616	9183960001	1	Vent	
617	70050995	12	Capscrew 3/8 x 5-1/2	
618	7950160000	12	Washer 3/8	
619	9472960054	1	Gear, 15 Teeth	

FIGURE 2-17. WINCH ASSEMBLY - REAR RH (RAMSEY)

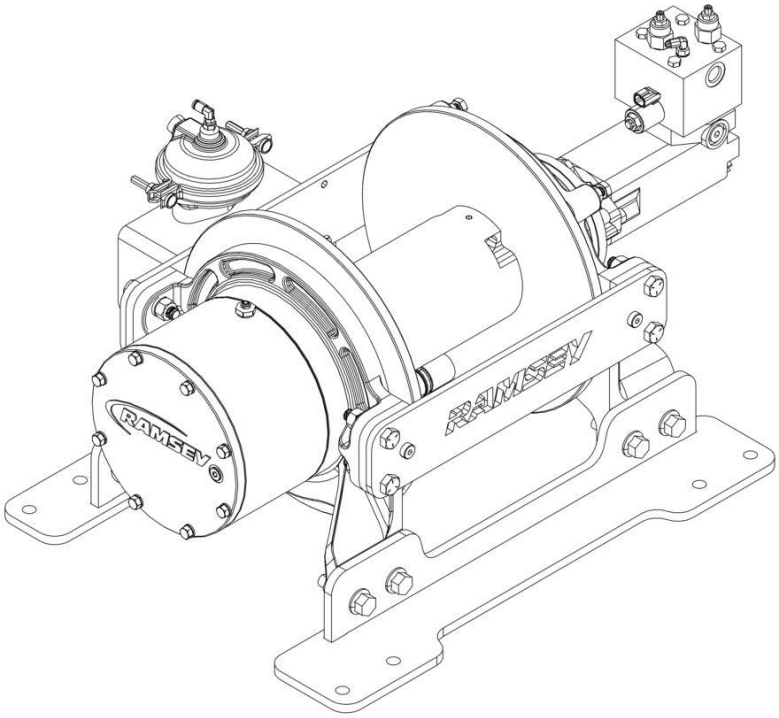


ART_1001266903

FIGURE 2-17. WINCH ASSEMBLY - REAR RH (RAMSEY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266903	Ref	WINCH ASSEMBLY - REAR RH (RAMSEY)	A
	See Note	Ref	Note: No Service Part Available at the Time of Printing	

FIGURE 2-18. WINCH ASSEMBLY - FRONT LH (RAMSEY)



ART_1001266904

FIGURE 2-18. WINCH ASSEMBLY - FRONT LH (RAMSEY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266904	Ref	WINCH ASSEMBLY - FRONT LH (RAMSEY)	A
	See Note	Ref	Note: No Service Part Available at the Time of Printing	

FIGURE 2-19. CABLE INSTALLATION - 0.63IN X 200FT WITH SWIVELHOOK

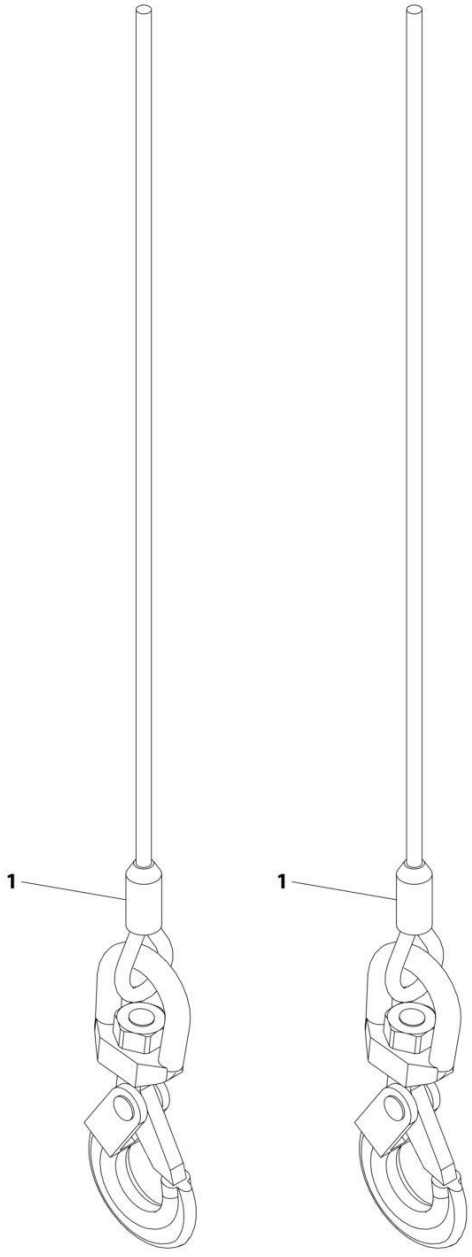
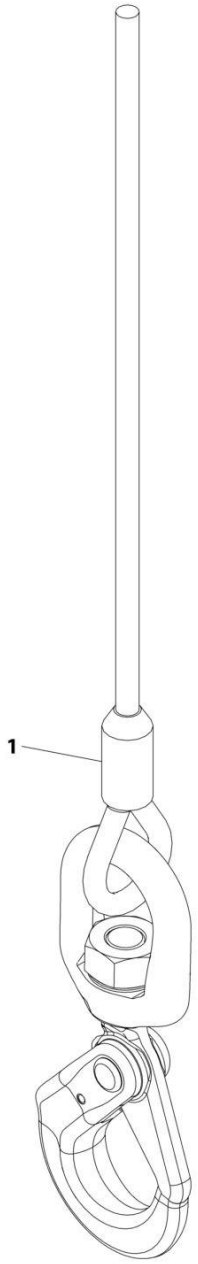


FIGURE 2-19. CABLE INSTALLATION - 0.63IN X 200FT WITH SWIVELHOOK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269143	Ref	CABLE INSTALLATION - 0.63IN X 200FT WITH SWIVEL HOOK	A
1	7248000078	2	Cable Assembly	

FIGURE 2-20. CABLE INSTALLATION - 0.63IN X 250FT WITH SWIVELHOOK



ART_1001254986

FIGURE 2-20. CABLE INSTALLATION - 0.63IN X 250FT WITH SWIVELHOOK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001254986	Ref	CABLE ASSEMBLY - MAIN BOOM (STD SWIVEL)	C
1	7248000079	2	Cable Assembly	

FIGURE 2-21. CABLE INSTALLATION - 0.75IN X 200FT WITH SWIVELHOOK

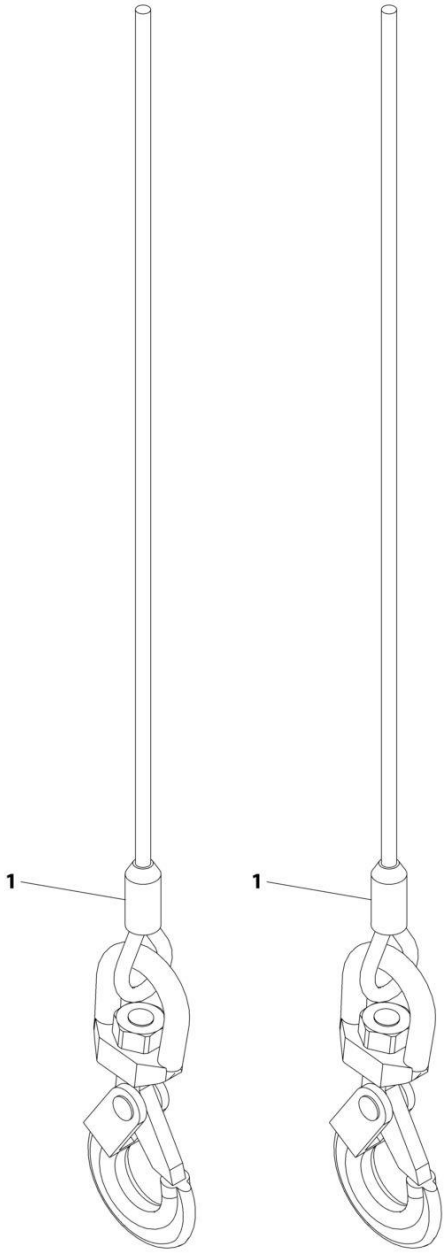


FIGURE 2-21. CABLE INSTALLATION - 0.75IN X 200FT WITH SWIVELHOOK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269146	Ref	CABLE INSTALLATION - 0.75IN X 200FT WITH SWIVEL HOOK	B
1	7248000080	2	Cable Assembly	

SECTION 3 - UNDERLIFT

SECTION 3 - UNDERLIFT

FIGURE 3-1. UNDERLIFT INSTALLATION - 3 PIECE 48000LBS (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

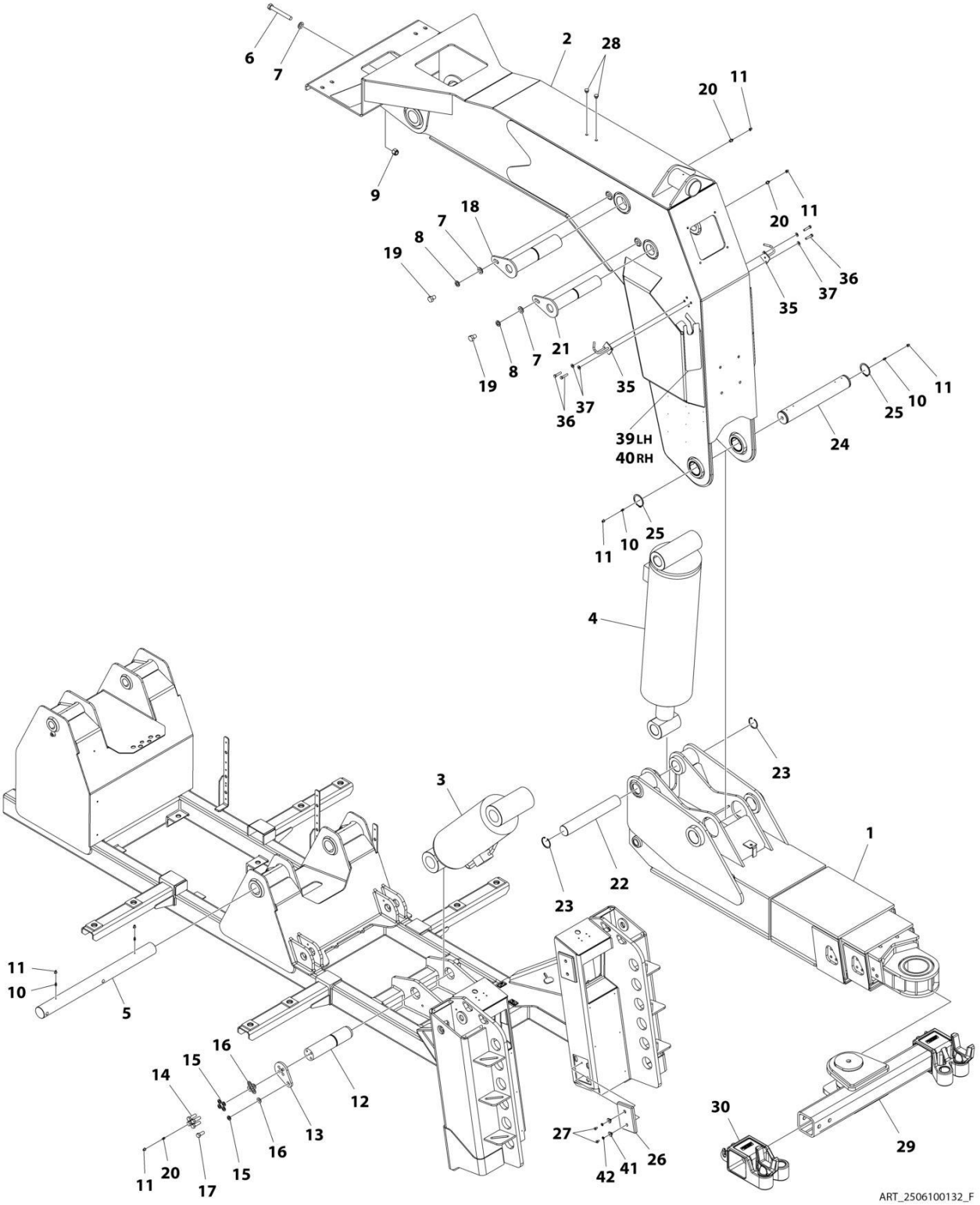


FIGURE 3-1. UNDERLIFT INSTALLATION - 3 PIECE 48000LBS (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2506100132	Ref	UNDERLIFT INSTALLATION - 3 PIECE 48K LBS	F
1	3170000407	1	Underlift Assembly (See Separate Breakdown in this Section)	
2	3170000423	1	Knee Boom	
3	7320000063	1	Cylinder Assembly - Lift (See Separate Breakdown in this Section)	
4	7320000097	1	Cylinder Assembly - Tilt (See Separate Breakdown in this Section)	
5	4691000563	1	Pin	
6	0682248	1	Bolt 3/4 x 6	
7	7950220141	4	Washer 3/4	
8	7950220000	2	Washer 3/4	
9	7660222601	1	Nut 3/4	
10	7440030000	4	Fitting, Straight	
11	7253000002	7	Fitting, Cap	
12	4691000484	1	Pin	
13	4706004528	1	Plate	
14	7118201650	4	Bolt 5/8 x 6	
15	7950200000	5	Washer 5/8	
16	7950200141	5	Washer 5/8	
17	7118201250	3	Bolt 5/8 x 1-1/2	
18	3691000231	1	Pin	
19	7115220850	2	Bolt 3/4 x 1	
20	7440000000	3	Fitting, Straight	
21	3691000232	1	Pin	
22	4691000290	1	Pin	
23	7754000051	2	Ring, Retaining	
24	4691000291	1	Pin	
25	7754000018	2	Ring, Retaining	
26	1001250858	4	Pad	
27	0641605	8	Bolt 3/8 x 5/8	
28	7189000017	2	Rubber Bumper	
29	2503880012	1	Cross Tube Installation (See Separate Breakdown in this Section)	
30	2503870011	1	Frame Fork Installation (See Separate Breakdown in this Section)	
31	3508530006	1	Hydraulic Tube Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
33	7262000025	2	Chain (Not Shown)	
34	7660202601	2	Nut 5/8 (Not Shown)	
35	3561000017	2	Hook Weldment	
36	7115161450	4	Bolt 3/8 x 1-3/4	
37	7950160141	4	Washer 3/8	
38	7577000641	1	Hydraulic Hose Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
39	1001151184	1	Decal, Wear - LH	
40	1001151185	1	Decal, Wear - RH	
41	7082311	8	Pad	
42	4891600	8	Washer 3/8	

SECTION 3 - UNDERLIFT

FIGURE 3-2. UNDERLIFT INSTALLATION - 3 PIECE 48000LBS (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

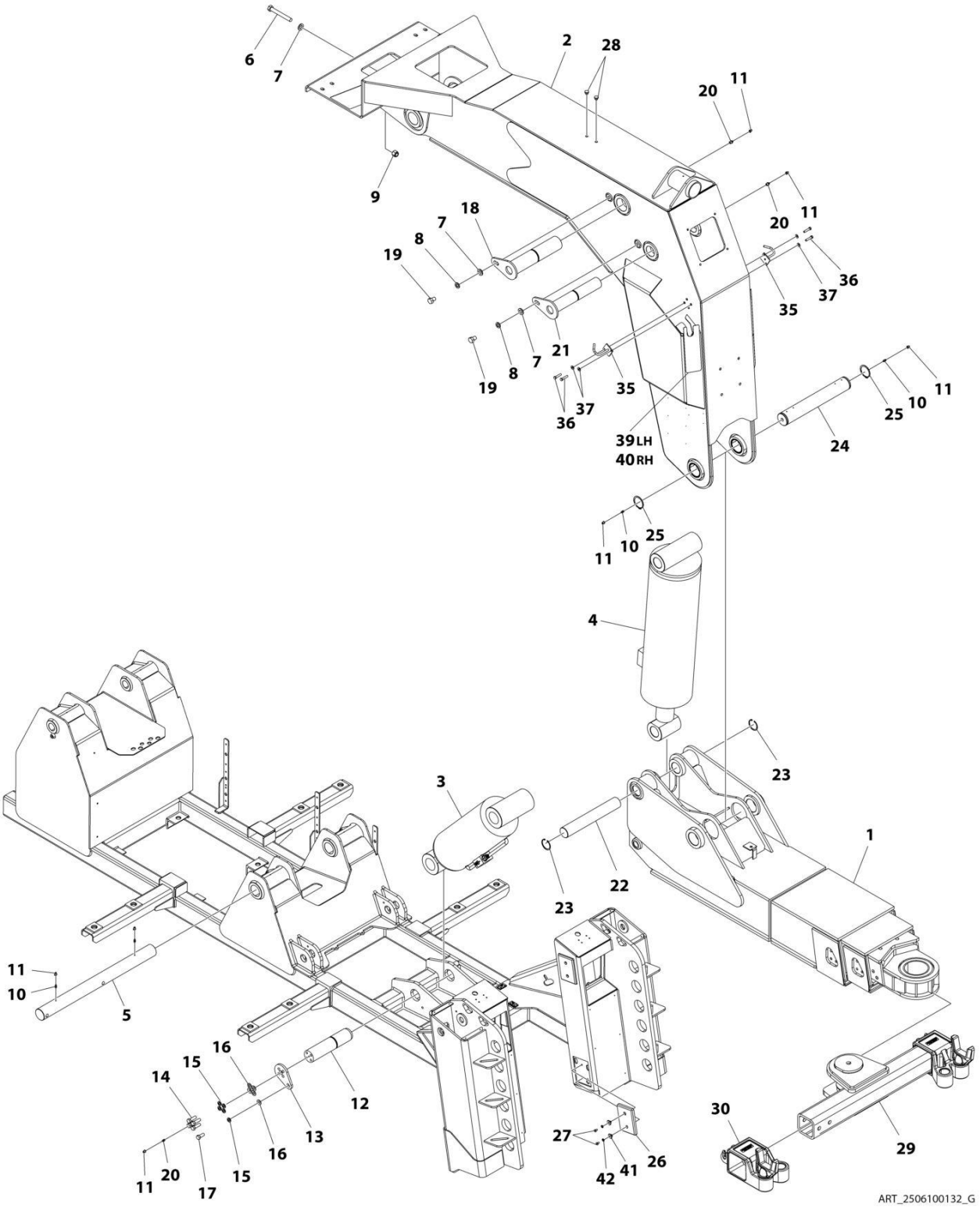


FIGURE 3-2. UNDERLIFT INSTALLATION - 3 PIECE 48000LBS (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2506100132	Ref	UNDERLIFT INSTALLATION - 3 PIECE 48K LBS	G
1	3170000407	1	Underlift Assembly (See Separate Breakdown in this Section)	
2	3170000423	1	Knee Boom	
3	1001284481	1	Cylinder Assembly - Lift (See Separate Breakdown in this Section)	
4	1001283840	1	Cylinder Assembly - Tilt (See Separate Breakdown in this Section)	
5	4691000563	1	Pin	
6	0682248	1	Bolt 3/4 x 6	
7	7950220141	4	Washer 3/4	
8	7950220000	2	Washer 3/4	
9	7660222601	1	Nut 3/4	
10	7440030000	4	Fitting, Straight	
11	7253000002	7	Fitting, Cap	
12	4691000484	1	Pin	
13	4706004528	1	Plate	
14	7118201650	4	Bolt 5/8 x 6	
15	7950200000	5	Washer 5/8	
16	7950200141	5	Washer 5/8	
17	7118201250	3	Bolt 5/8 x 1-1/2	
18	3691000231	1	Pin	
19	7115220850	2	Bolt 3/4 x 1	
20	7440000000	3	Fitting, Straight	
21	3691000232	1	Pin	
22	4691000290	1	Pin	
23	7754000051	2	Ring, Retaining	
24	4691000291	1	Pin	
25	7754000018	2	Ring, Retaining	
26	1001250858	4	Pad	
27	0641605	8	Bolt 3/8 x 5/8	
28	7189000017	2	Rubber Bumper	
29	2503880012	1	Cross Tube Installation (See Separate Breakdown in this Section)	
30	2503870011	1	Frame Fork Installation (See Separate Breakdown in this Section)	
31	3508530006	1	Hydraulic Tube Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
33	7262000025	2	Chain (Not Shown)	
34	7660202601	2	Nut 5/8 (Not Shown)	
35	3561000017	2	Hook Weldment	
36	7115161450	4	Bolt 3/8 x 1-3/4	
37	7950160141	4	Washer 3/8	
38	7577000641	1	Hydraulic Hose Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
39	1001151184	1	Decal, Wear - LH	
40	1001151185	1	Decal, Wear - RH	
41	7082311	8	Pad	
42	4891600	8	Washer 3/8	

FIGURE 3-3. UNDERLIFT INSTALLATION - 3 PIECE 50000LBS

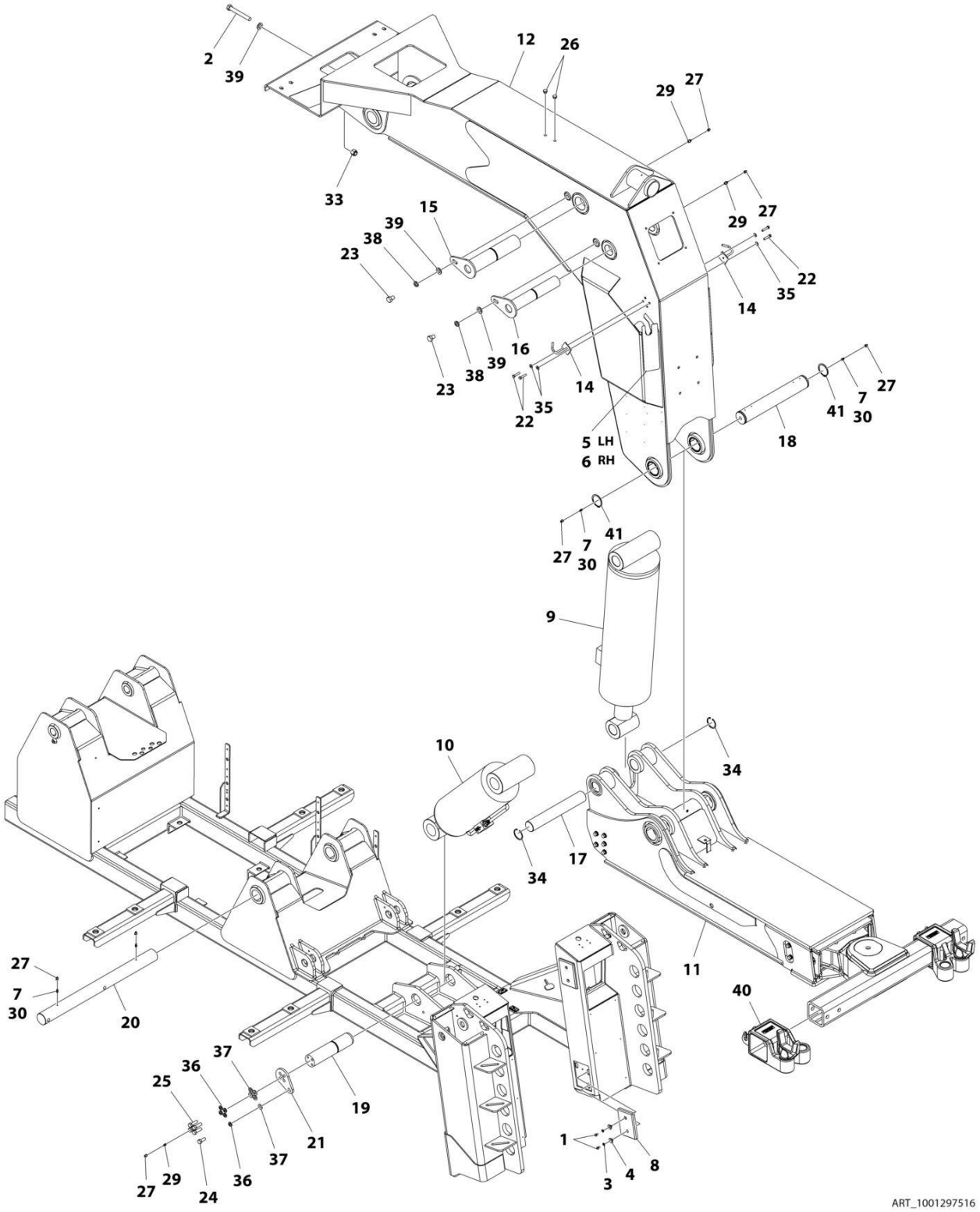


FIGURE 3-3. UNDERLIFT INSTALLATION - 3 PIECE 50000LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297516	Ref	UNDERLIFT INSTALLATION - 3 PIECE 50000LBS	A
1	0641605	8	Bolt 3/8 x 5/8	
2	0682248	1	Bolt 3/4 x 6	
3	4891600	8	Washer 3/8	
4	7082311	8	Pad	
5	1001151184	1	Decal, Wear - LH	
6	1001151185	1	Decal, Wear - RH	
7	1001152707	AR	Lubricant	
8	1001250858	4	Pad	
9	1001283839	1	Cylinder Assembly - Tilt (See Separate Breakdown in this Section)	
10	1001284481	1	Cylinder Assembly - Lift (See Separate Breakdown in this Section)	
11	1001291994	1	Underlift Assembly (See Separate Breakdown in this Section)	
12	3170000423	1	Knee Boom	
13	3508530006	1	Hydraulic Tube Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
14	3561000017	2	Hook Weldment	
15	3691000231	1	Pin	
16	3691000232	1	Pin	
17	4691000290	1	Pin	
18	4691000291	1	Pin	
19	4691000484	1	Pin	
20	4691000563	1	Pin	
21	4706004528	1	Plate	
22	7115161450	4	Bolt 3/8 x 1-3/4	
23	7115220850	2	Bolt 3/4 x 1	
24	7118201250	3	Bolt 5/8 x 1-1/2	
25	7118201650	4	Bolt 5/8 x 6	
26	7189000017	2	Rubber Bumper	
27	7253000002	7	Fitting, Cap	
28	7262000025	2	Chain (Not Shown)	
29	7440000000	3	Fitting, Straight	
30	7440030000	4	Fitting, Straight	
31	7577000640	1	Hydraulic Hose Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
32	7660202601	2	Nut 5/8 (Not Shown)	
33	7660222601	1	Nut 3/4	
34	7754000051	2	Ring, Retaining	
35	7950160141	4	Washer 3/8	
36	7950200000	5	Washer 5/8	
37	7950200141	5	Washer 5/8	
38	7950220000	2	Washer 3/4	
39	7950220141	4	Washer 3/4	
40	2503870011	1	Frame Fork Installation (See Separate Breakdown in this Section)	
41	7754000018	2	Ring, Retaining	

FIGURE 3-4. UNDERLIFT INSTALLATION - 3 PIECE 53000LBS (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

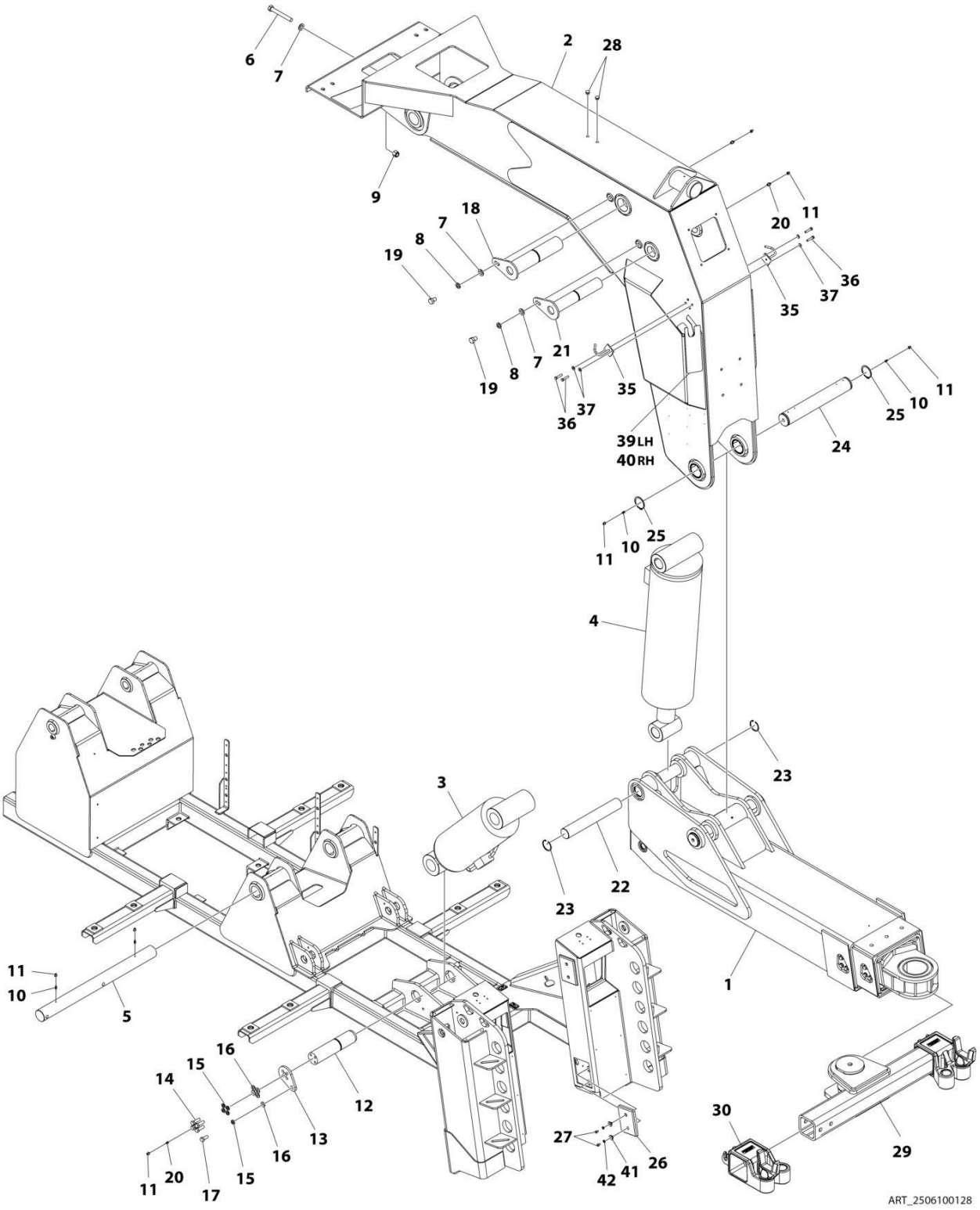


FIGURE 3-4. UNDERLIFT INSTALLATION - 3 PIECE 53000LBS (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2506100128	Ref	UNDERLIFT INSTALLATION - 3 PIECE 53K LBS	E
1	3507100001	1	Underlift Assembly (See Separate Breakdown in this Section)	
2	3170000423	1	Knee Boom	
3	7320000063	1	Cylinder Assembly - Lift (See Separate Breakdown in this Section)	
4	7320000096	1	Cylinder Assembly - Tilt (See Separate Breakdown in this Section)	
5	4691000563	1	Pin	
6	0682248	1	Bolt 3/4 x 6	
7	7950220141	4	Washer 3/4	
8	7950220000	2	Washer 3/4	
9	7660222601	1	Nut 3/4	
10	7440030000	4	Fitting, Straight	
11	7253000002	7	Fitting, Cap	
12	4691000484	1	Pin	
13	4706004528	1	Plate	
14	7118201650	4	Bolt 5/8 x 6	
15	7950200000	5	Washer 5/8	
16	7950200141	5	Washer 5/8	
17	7118201250	3	Bolt 5/8 x 1-1/2	
18	3691000231	1	Pin	
19	7115220850	2	Bolt 3/4 x 1	
20	7440000000	3	Fitting, Straight	
21	3691000232	1	Pin	
22	4691000290	1	Pin	
23	7754000051	2	Ring, Retaining	
24	4691000291	1	Pin	
25	7754000018	2	Ring, Retaining	
26	1001250858	4	Pad	
27	0641605	8	Bolt 3/8 x 5/8	
28	7189000017	2	Rubber Bumper	
29	2503880012	1	Cross Tube Installation (See Separate Breakdown in this Section)	
30	2503870011	1	Frame Fork Installation (See Separate Breakdown in this Section)	
31	3508530006	1	Hydraulic Tube Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
33	7262000025	2	Chain (Not Shown)	
34	7660202601	2	Nut 5/8 (Not Shown)	
35	3561000017	2	Hook Weldment	
36	7115161450	4	Bolt 3/8 x 1-3/4	
37	7950160141	4	Washer 3/8	
38	7577000640	1	Hydraulic Hose Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
39	1001151184	1	Decal, Wear - LH	
40	1001151185	1	Decal, Wear - RH	
41	7082311	8	Pad	
42	4891600	8	Washer 3/8	

SECTION 3 - UNDERLIFT

FIGURE 3-5. UNDERLIFT INSTALLATION - 3 PIECE 53000LBS (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

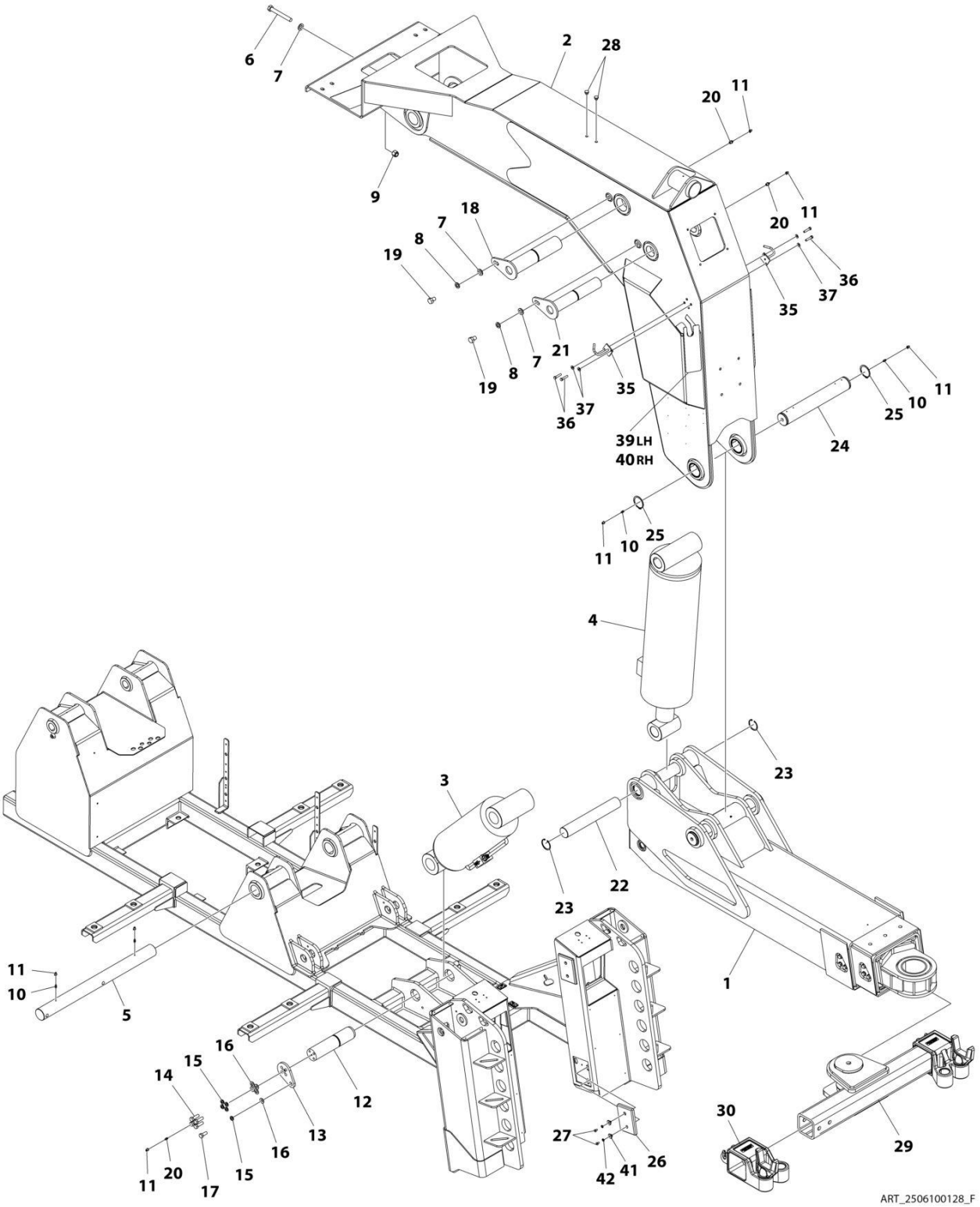


FIGURE 3-5. UNDERLIFT INSTALLATION - 3 PIECE 53000LBS (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2506100128	Ref	UNDERLIFT INSTALLATION - 3 PIECE 53K LBS	F
1	3507100001	1	Underlift Assembly (See Separate Breakdown in this Section)	
2	3170000423	1	Knee Boom	
3	1001284481	1	Cylinder Assembly - Lift (See Separate Breakdown in this Section)	
4	1001283839	1	Cylinder Assembly - Tilt (See Separate Breakdown in this Section)	
5	4691000563	1	Pin	
6	0682248	1	Bolt 3/4 x 6	
7	7950220141	4	Washer 3/4	
8	7950220000	2	Washer 3/4	
9	7660222601	1	Nut 3/4	
10	7440030000	4	Fitting, Straight	
11	7253000002	7	Fitting, Cap	
12	4691000484	1	Pin	
13	4706004528	1	Plate	
14	7118201650	4	Bolt 5/8 x 6	
15	7950200000	5	Washer 5/8	
16	7950200141	5	Washer 5/8	
17	7118201250	3	Bolt 5/8 x 1-1/2	
18	3691000231	1	Pin	
19	7115220850	2	Bolt 3/4 x 1	
20	7440000000	3	Fitting, Straight	
21	3691000232	1	Pin	
22	4691000290	1	Pin	
23	7754000051	2	Ring, Retaining	
24	4691000291	1	Pin	
25	7754000018	2	Ring, Retaining	
26	1001250858	4	Pad	
27	0641605	8	Bolt 3/8 x 5/8	
28	7189000017	2	Rubber Bumper	
29	2503880012	1	Cross Tube Installation (See Separate Breakdown in this Section)	
30	2503870011	1	Frame Fork Installation (See Separate Breakdown in this Section)	
31	3508530006	1	Hydraulic Tube Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
33	7262000025	2	Chain (Not Shown)	
34	7660202601	2	Nut 5/8 (Not Shown)	
35	3561000017	2	Hook Weldment	
36	7115161450	4	Bolt 3/8 x 1-3/4	
37	7950160141	4	Washer 3/8	
38	7577000640	1	Hydraulic Hose Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
39	1001151184	1	Decal, Wear - LH	
40	1001151185	1	Decal, Wear - RH	
41	7082311	8	Pad	
42	4891600	8	Washer 3/8	

FIGURE 3-6. UNDERLIFT INSTALLATION - 4 PIECE 48000LBS (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

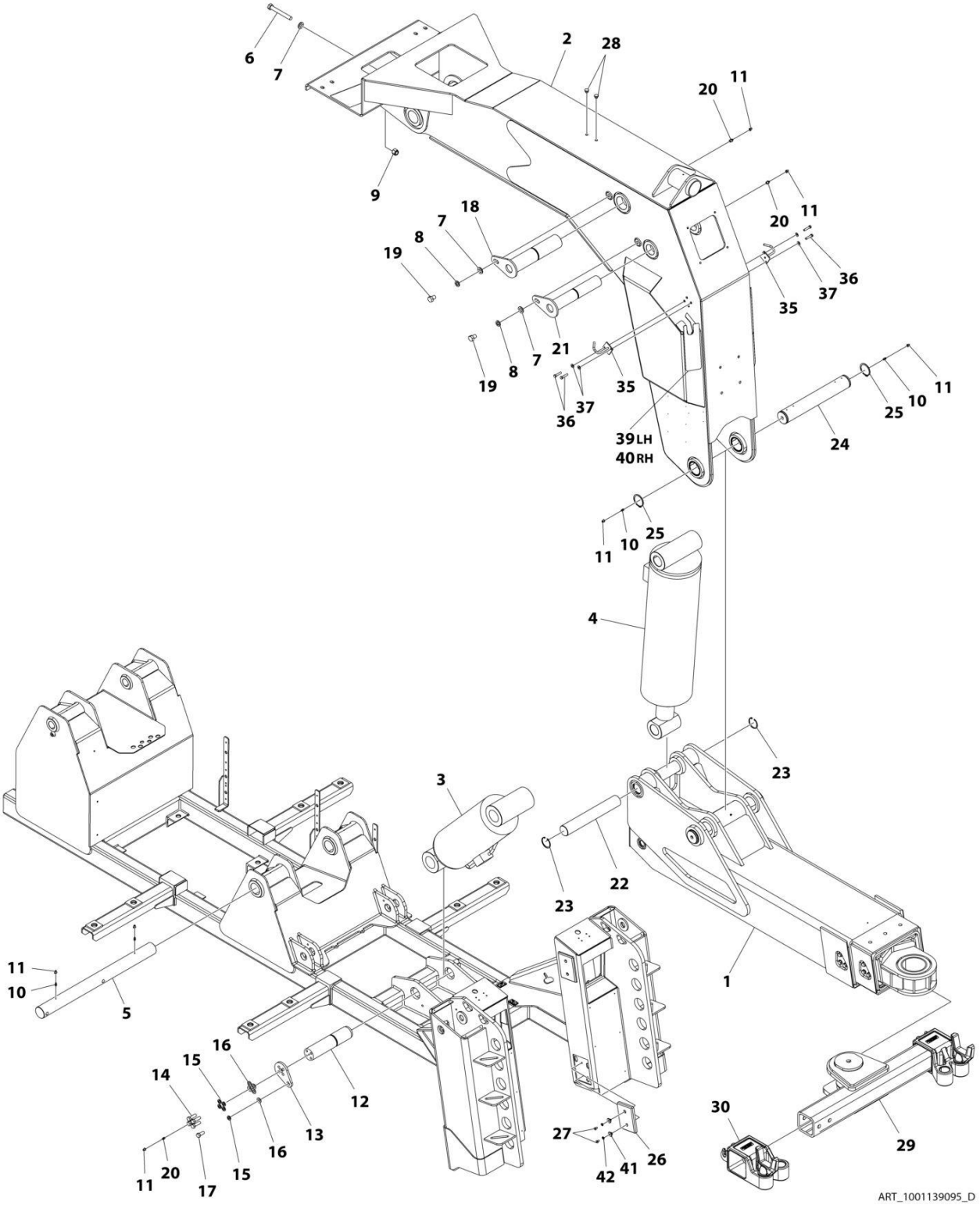


FIGURE 3-6. UNDERLIFT INSTALLATION - 4 PIECE 48000LBS (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139095	Ref	UNDERLIFT INSTALLATION - 4 PIECE 48K LBS	D
1	3170000381	1	Underlift Assembly (See Separate Breakdown in this Section)	
2	3170000423	1	Knee Boom	
3	7320000063	1	Cylinder Assembly - Lift (See Separate Breakdown in this Section)	
4	7320000097	1	Cylinder Assembly - Tilt (See Separate Breakdown in this Section)	
5	4691000563	1	Pin	
6	0682248	1	Bolt 3/4 x 6	
7	7950220141	4	Washer 3/4	
8	7950220000	2	Washer 3/4	
9	7660222601	1	Nut 3/4	
10	7440030000	4	Fitting, Straight	
11	7253000002	7	Fitting, Cap	
12	4691000484	1	Pin	
13	4706004528	1	Plate	
14	7118201650	4	Bolt 5/8 x 6	
15	7950200000	5	Washer 5/8	
16	7950200141	5	Washer 5/8	
17	7118201250	3	Bolt 5/8 x 1-1/2	
18	3691000231	1	Pin	
19	7115220850	2	Bolt 3/4 x 1	
20	7440000000	3	Fitting, Straight	
21	3691000232	1	Pin	
22	4691000290	1	Pin	
23	7754000051	2	Ring, Retaining	
24	4691000291	1	Pin	
25	7754000018	2	Ring, Retaining	
26	1001250858	4	Pad	
27	0641605	8	Bolt 3/8 x 5/8	
28	7189000017	2	Rubber Bumper	
29	2503880012	1	Cross Tube Installation (See Separate Breakdown in this Section)	
30	2503870011	1	Frame Fork Installation (See Separate Breakdown in this Section)	
31	3508530006	1	Hydraulic Tube Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
33	7262000025	2	Chain (Not Shown)	
34	7660202601	2	Nut 5/8 (Not Shown)	
35	3561000017	2	Hook Weldment	
36	7115161450	4	Bolt 3/8 x 1-3/4	
37	7950160141	4	Washer 3/8	
38	7577000641	1	Hydraulic Hose Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
39	1001151184	1	Decal, Wear - LH	
40	1001151185	1	Decal, Wear - RH	
41	7082311	8	Pad	
42	4891600	8	Washer 3/8	

SECTION 3 - UNDERLIFT

FIGURE 3-7. UNDERLIFT INSTALLATION - 4 PIECE 48000LBS (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

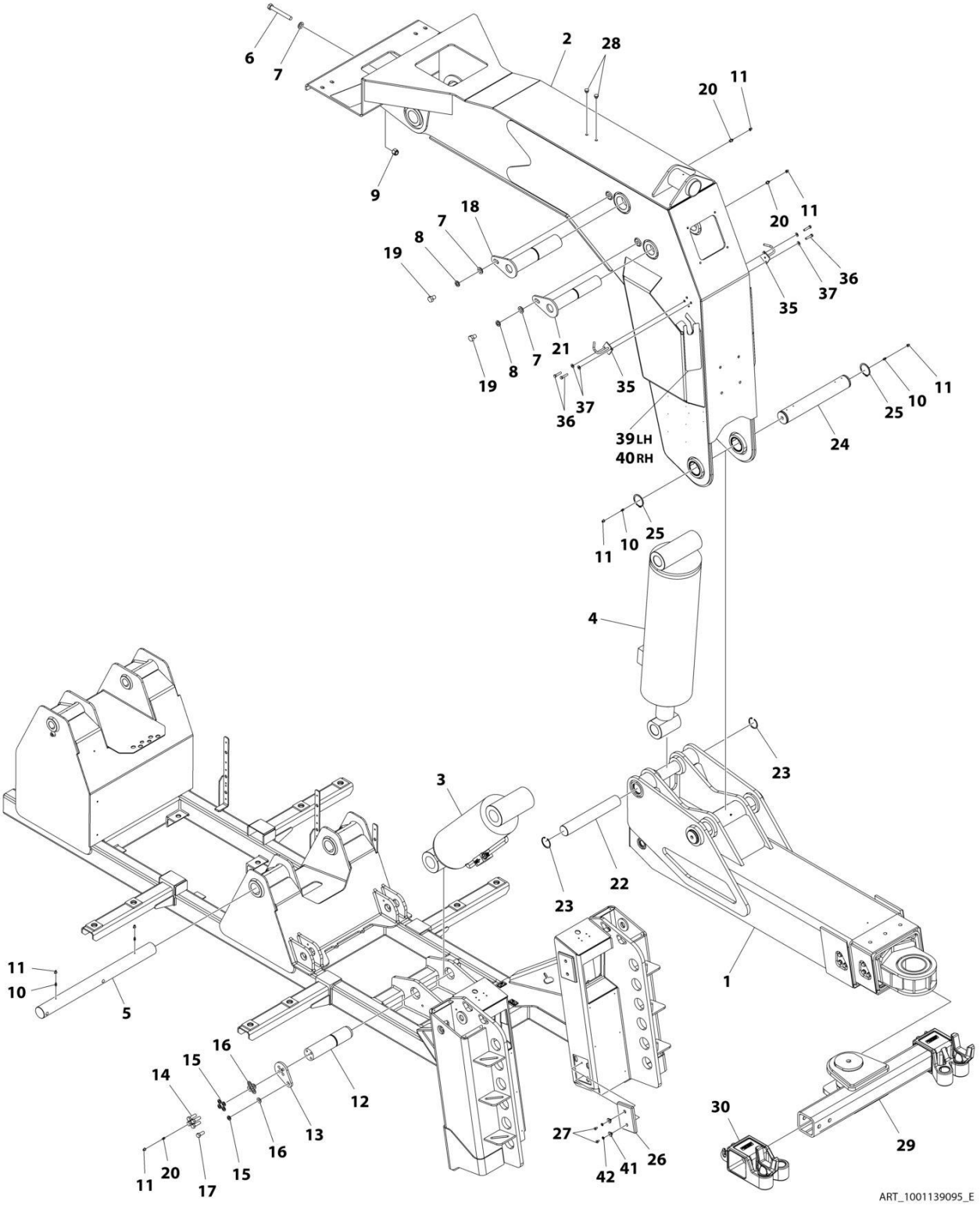


FIGURE 3-7. UNDERLIFT INSTALLATION - 4 PIECE 48000LBS (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139095	Ref	UNDERLIFT INSTALLATION - 4 PIECE 48K LBS	E
1	3170000381	1	Underlift Assembly (See Separate Breakdown in this Section)	
2	3170000423	1	Knee Boom	
3	1001284481	1	Cylinder Assembly - Lift (See Separate Breakdown in this Section)	
4	1001283840	1	Cylinder Assembly - Tilt (See Separate Breakdown in this Section)	
5	4691000563	1	Pin	
6	0682248	1	Bolt 3/4 x 6	
7	7950220141	4	Washer 3/4	
8	7950220000	2	Washer 3/4	
9	7660222601	1	Nut 3/4	
10	7440030000	4	Fitting, Straight	
11	7253000002	7	Fitting, Cap	
12	4691000484	1	Pin	
13	4706004528	1	Plate	
14	7118201650	4	Bolt 5/8 x 6	
15	7950200000	5	Washer 5/8	
16	7950200141	5	Washer 5/8	
17	7118201250	3	Bolt 5/8 x 1-1/2	
18	3691000231	1	Pin	
19	7115220850	2	Bolt 3/4 x 1	
20	7440000000	3	Fitting, Straight	
21	3691000232	1	Pin	
22	4691000290	1	Pin	
23	7754000051	2	Ring, Retaining	
24	4691000291	1	Pin	
25	7754000018	2	Ring, Retaining	
26	1001250858	4	Pad	
27	0641605	8	Bolt 3/8 x 5/8	
28	7189000017	2	Rubber Bumper	
29	2503880012	1	Cross Tube Installation (See Separate Breakdown in this Section)	
30	2503870011	1	Frame Fork Installation (See Separate Breakdown in this Section)	
31	3508530006	1	Hydraulic Tube Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
33	7262000025	2	Chain (Not Shown)	
34	7660202601	2	Nut 5/8 (Not Shown)	
35	3561000017	2	Hook Weldment	
36	7115161450	4	Bolt 3/8 x 1-3/4	
37	7950160141	4	Washer 3/8	
38	7577000640	1	Hydraulic Hose Installation - Underlift (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
39	1001151184	1	Decal, Wear - LH	
40	1001151185	1	Decal, Wear - RH	
41	7082311	8	Pad	
42	4891600	8	Washer 3/8	

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FIGURE 3-8. UNDERLIFT ASSEMBLY - 48000LBS (3 PIECE) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

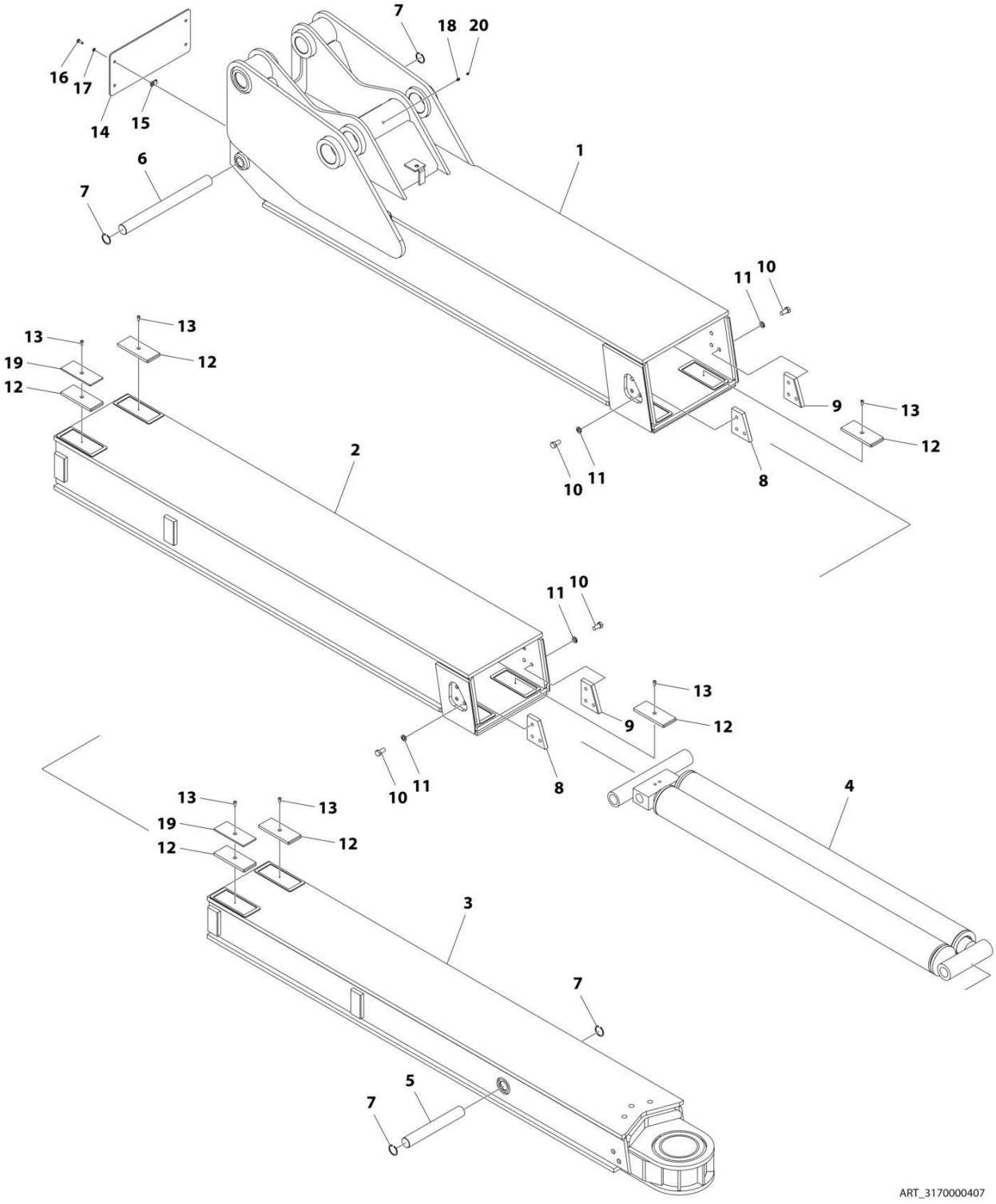


FIGURE 3-8. UNDERLIFT ASSEMBLY - 48000LBS (3 PIECE) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3170000407	Ref	UNDERLIFT ASSEMBLY - 3 PIECE 48K LBS	B
1	3170000400	1	Base Section Boom Weldment	
2	3170000401	1	Mid Section Boom Weldment	
3	3170000406	1	Fly Section Boom Weldment	
4	7320000068	1	Underlift Extension Cylinder Assembly (See Separate Breakdown in this Section)	
5	4691000293	1	Pin	
6	4691000321	1	Pin	
7	7754000043	4	Ring, Retaining	
8	4706005262	2	Plate	
9	4706005263	2	Plate	
10	7108180850	12	Capscrew 1/2 x 1	
11	7950180000	12	Washer 19/32	
12	4679000277	8	Pad	
13	7114140518	8	Capscrew 1/4 x 5/8	
14	4706005281	1	Plate	
15	7661000019	4	U-Nut 1/4	
16	7115140650	4	Capscrew 1/4 x 3/4	
17	7950140000	4	Washer 1/4	
18	7440030000	1	Grease Fitting	
19	4679000293	2	Pad	
20	7253000002	3	Grease Fitting Cap	

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FIGURE 3-9. UNDERLIFT ASSEMBLY - 48000LBS (3 PIECE) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

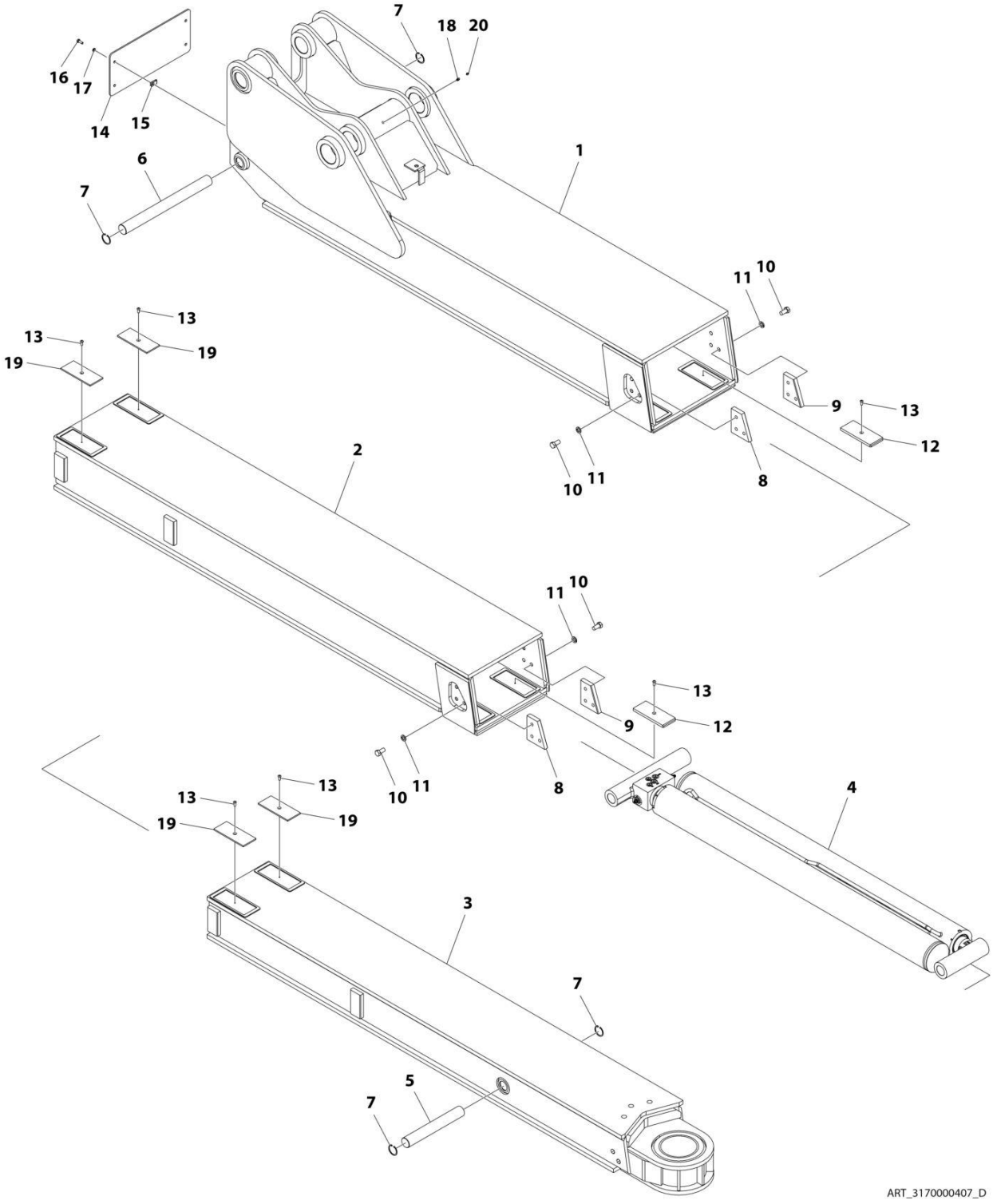


FIGURE 3-9. UNDERLIFT ASSEMBLY - 48000LBS (3 PIECE) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3170000407	Ref	UNDERLIFT ASSEMBLY - 3 PIECE 48K LBS	D
1	3170000400	1	Base Section Boom Weldment	
2	3170000401	1	Mid Section Boom Weldment	
3	3170000406	1	Fly Section Boom Weldment	
4	1001286138	1	Cylinder Assembly - Extend/Retract (See Separate Breakdown in this Section)	
5	4691000293	1	Pin	
6	4691000321	1	Pin	
7	7754000043	4	Ring, Retaining	
8	4706005262	2	Plate	
9	4706005263	2	Plate	
10	7108180850	12	Capscrew 1/2 x 1	
11	7950180000	12	Washer 19/32	
12	4679000277	4	Pad	
13	7114140518	8	Capscrew 1/4 x 5/8	
14	4706005281	1	Plate	
15	7661000019	4	U-Nut 1/4	
16	7115140650	4	Capscrew 1/4 x 3/4	
17	7950140000	4	Washer 1/4	
18	7440030000	1	Grease Fitting	
19	4679000293	4	Pad	
20	7253000002	3	Grease Fitting Cap	

FIGURE 3-10. UNDERLIFT ASSEMBLY - 50000LBS (3 PIECE)

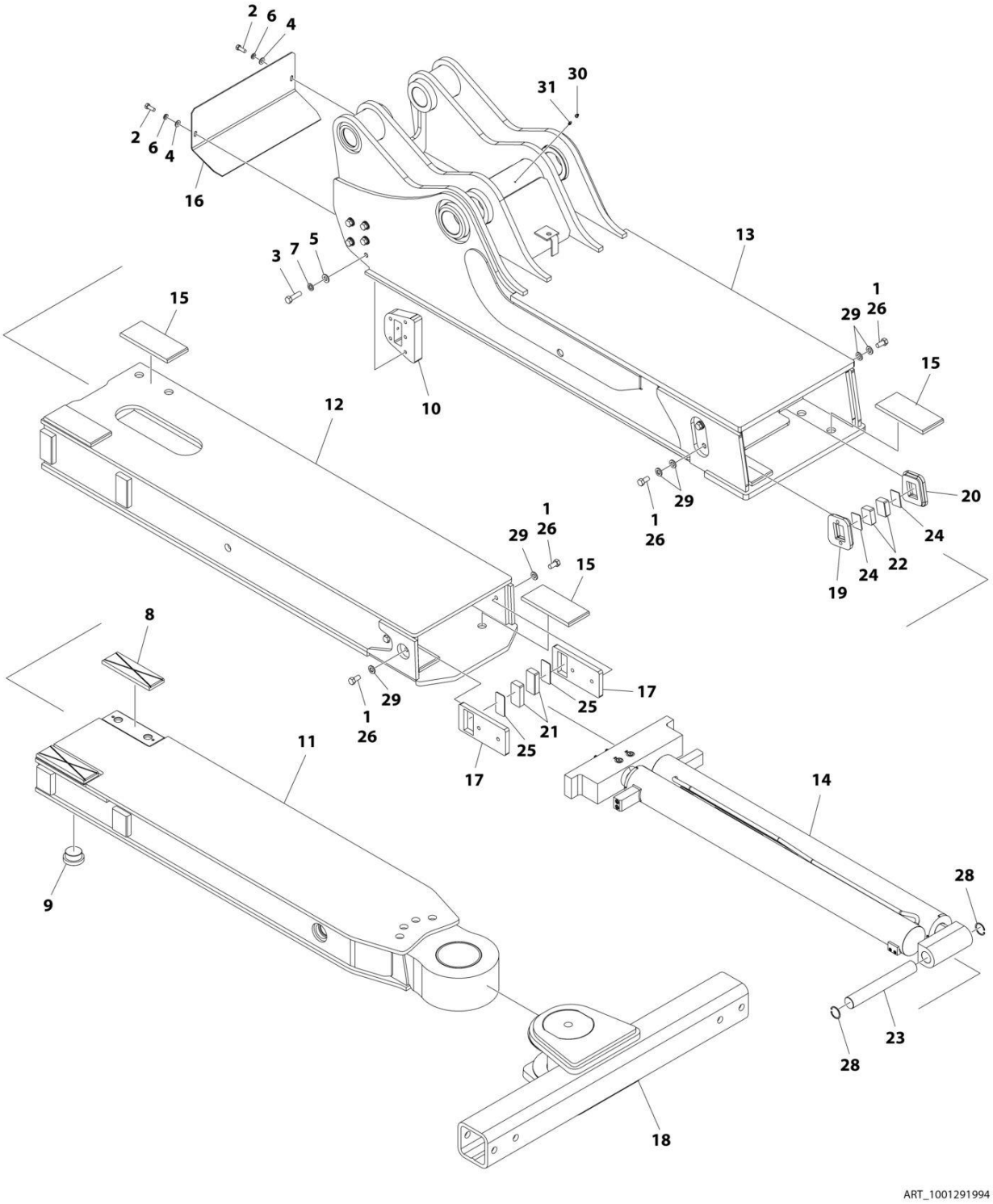


FIGURE 3-10. UNDERLIFT ASSEMBLY - 50000LBS (3 PIECE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291994	Ref	BOOM ASSEMBLY 4 PIECE - 56,500 LBS	B
1	0100011	AR	Compound Locking	
2	0641608	2	Bolt 3/8 x 1	
3	0641814	10	Bolt 1/2 x 1-3/4	
4	4711600	2	Washer 3/8	
5	4711800	10	Washer 1/2	
6	4761600	2	Washer 3/8	
7	4761800	10	Washer 1/2	
8	1001246893	2	Pad	
9	1001263992	2	Pad	
10	1001266446	2	Mount, UL Base	
11	1001291995	1	Fly, Underlift Boom	
12	1001291996	1	Mid, Underlift Boom	
13	1001291997	1	Base, Underlift Boom	
14	1001292166	1	Underlift Extend Cylinder Assembly (See Separate Breakdown in this Section)	
15	1001293966	6	Pad	
16	1001293981	1	Plate	
17	1001294073	2	Plate	
18	2503880012	1	Crosstube Installation (See Separate Breakdown in this Section)	
19	3706000177	1	Plate	
20	3706000178	1	Plate	
21	4679000205	2	Pad	
22	4679000206	2	Pad	
23	4691000293	1	Pin	
24	4706003144	2	Plate	
25	4706003719	2	Plate	
26	7105180850	8	Bolt 1/2 x 1	
28	7754000043	2	Ring, Retaining	
29	7950180153	12	Washer 1/2	
30	7253000002	1	Grease Fitting Cap	
31	7440030000	1	Grease Fitting	

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FIGURE 3-11. UNDERLIFT ASSEMBLY - 53000LBS (3 PIECE) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

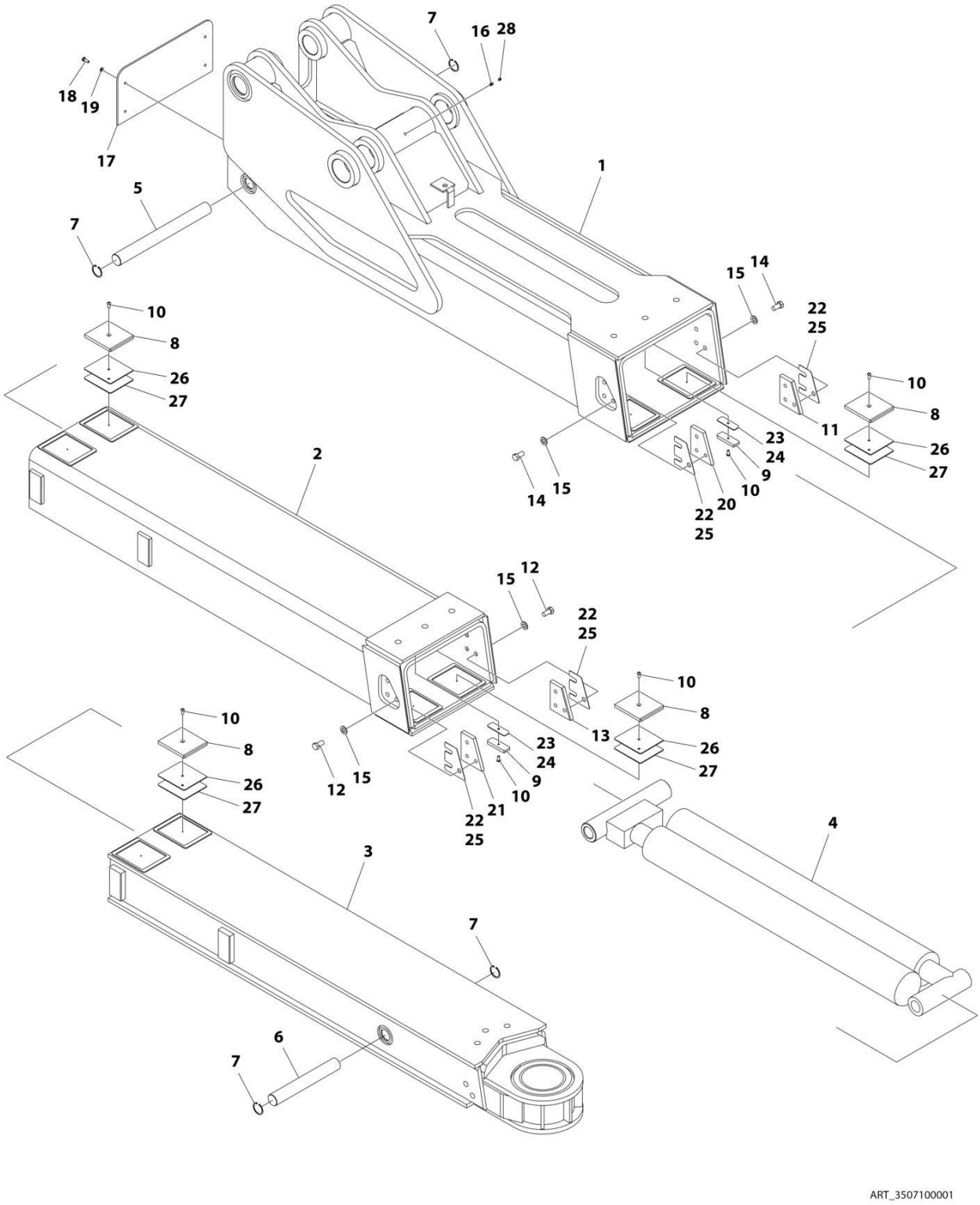


FIGURE 3-11. UNDERLIFT ASSEMBLY - 53000LBS (3 PIECE) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3507100001	Ref	UNDERLIFT ASSEMBLY - 53,000 LBS	B
1	3170000125	1	Base Section Boom Weldment	
2	3170000124	1	Mid Section Boom Weldment	
3	3170000123	1	Fly Section Boom Weldment	
4	7320000026	1	Underlift Extension Cylinder Assembly (See Separate Breakdown in this Section)	
5	4691000292	1	Pin	
6	4691000293	1	Pin	
7	7754000043	4	Ring, Retaining	
8	4679000146	8	Pad	
9	4679000147	2	Pad	
10	7114140518	10	Capscrew 1/4 x 5/8	
11	4706002209	1	Plate	
12	7108181050	6	Capscrew 1/2 x 1-1/4	
13	4706002208	1	Plate	
14	7108180850	6	Capscrew 1/2 x 1	
15	7950180153	12	Washer 1/2	
16	7440030000	1	Grease Fitting	
17	4706002207	1	Plate	
18	7115140650	4	Capscrew 1/4 x 3/4	
19	7950140000	4	Washer 1/4	
20	4706002211	1	Plate	
21	4706002210	1	Plate	
22	4812000057	4	Shim	
23	4706003708	2	Plate	
24	4706003709	2	Plate	
25	4706003710	4	Plate	
26	4706003717	8	Plate	
27	4706003718	8	Plate	
28	7253000002	3	Grease Fitting Cap	

FIGURE 3-12. UNDERLIFT ASSEMBLY - 53000LBS (3 PIECE) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

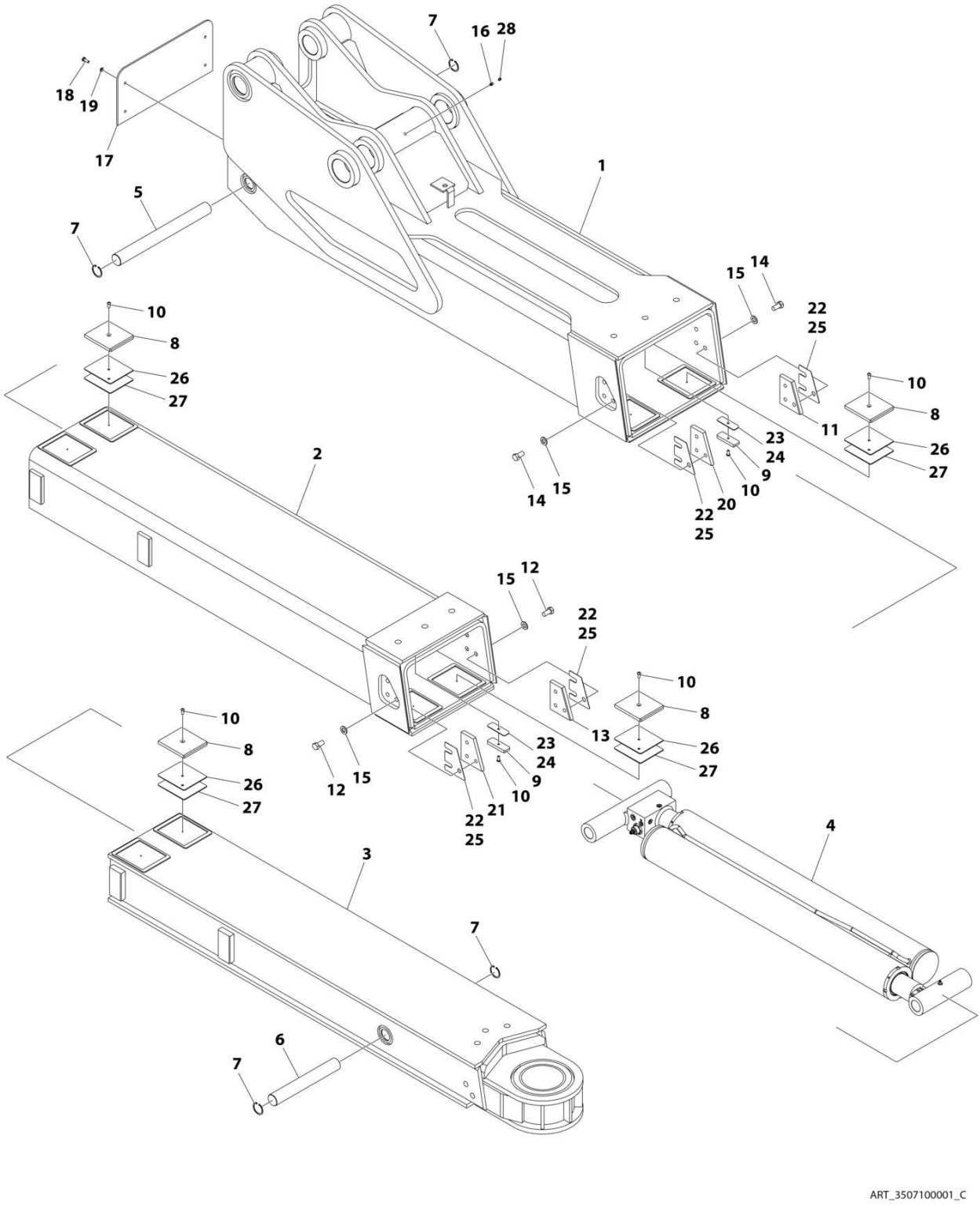


FIGURE 3-12. UNDERLIFT ASSEMBLY - 53000LBS (3 PIECE) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3507100001	Ref	UNDERLIFT ASSEMBLY - 53,000 LBS	C
1	3170000125	1	Base Section Boom Weldment	
2	3170000124	1	Mid Section Boom Weldment	
3	3170000123	1	Fly Section Boom Weldment	
4	1001286137	1	Underlift Extension Cylinder Assembly (See Separate Breakdown in this Section)	
5	4691000292	1	Pin	
6	4691000293	1	Pin	
7	7754000043	4	Ring, Retaining	
8	4679000146	8	Pad	
9	4679000147	2	Pad	
10	7114140518	10	Capscrew 1/4 x 5/8	
11	4706002209	1	Plate	
12	7108181050	6	Capscrew 1/2 x 1-1/4	
13	4706002208	1	Plate	
14	7108180850	6	Capscrew 1/2 x 1	
15	7950180153	12	Washer 1/2	
16	7440030000	1	Grease Fitting	
17	4706002207	1	Plate	
18	7115140650	4	Capscrew 1/4 x 3/4	
19	7950140000	4	Washer 1/4	
20	4706002211	1	Plate	
21	4706002210	1	Plate	
22	4812000057	4	Shim	
23	4706003708	2	Plate	
24	4706003709	2	Plate	
25	4706003710	4	Plate	
26	4706003717	8	Plate	
27	4706003718	8	Plate	
28	7253000002	3	Grease Fitting Cap	

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FIGURE 3-13. UNDERLIFT ASSEMBLY - 48000LBS (4 PIECE) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

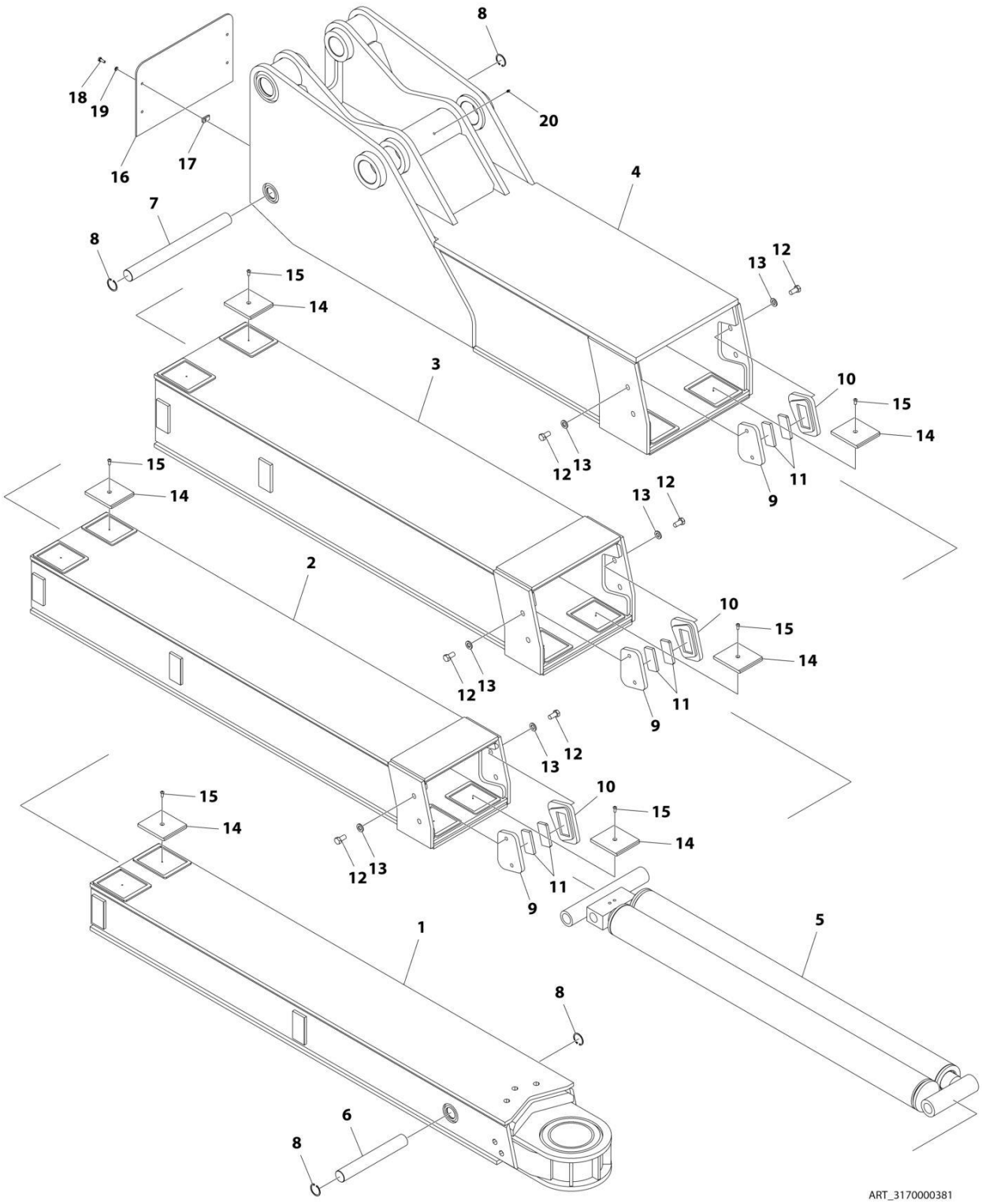


FIGURE 3-13. UNDERLIFT ASSEMBLY - 48000LBS (4 PIECE) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3170000381	Ref	BOOM ASSEMBLY 4 PIECE	C
1	3170000379	1	Fly Section Boom Weldment	
2	3170000380	1	2nd Stage Boom Weldment	
3	3170000178	1	3rd Stage Boom Weldment	
4	3170000179	1	Base Section Boom Weldment	
5	7320000038	1	Underlift Extend Cylinder Assembly (See Separate Breakdown in this Section)	
6	4691000293	1	Pin	
7	4691000321	1	Pin	
8	7754000043	1	Ring, Retaining	
9	3178000273	4	Bracket LH	
10	3178000275	3	Bracket RH	
11	4679000170	3	Pad	
12	7108180850	6	Capscrew 1/2 x 1	
13	7950180153	12	Washer 1/2	
14	4679000146	12	Pad	
15	7114140518	12	Capscrew 1/4 x 5/8	
16	4706002428	12	Plate	
17	7661000019	1	U-Nut 1/4	
18	7115140650	4	Capscrew 1/4 x 3/4	
19	7950140000	4	Washer 1/4	
20	7440030000	4	Grease Fitting	

FIGURE 3-14. UNDERLIFT ASSEMBLY - 48000LBS (4 PIECE) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

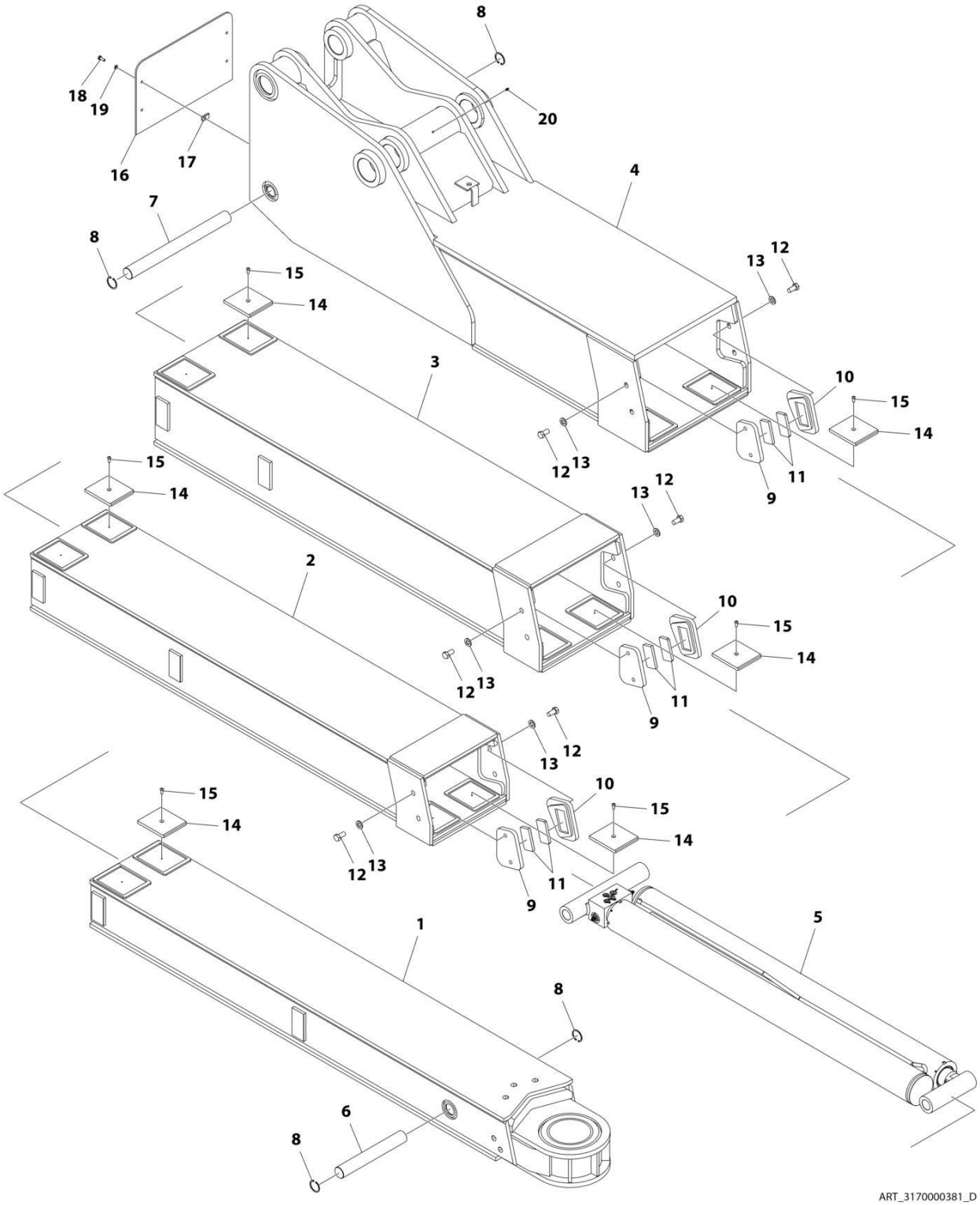


FIGURE 3-14. UNDERLIFT ASSEMBLY - 48000LBS (4 PIECE) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3170000381	Ref	BOOM ASSEMBLY 4 PIECE	D
1	3170000379	1	Fly Section Boom Weldment	
2	3170000380	1	2nd Stage Boom Weldment	
3	3170000178	1	3rd Stage Boom Weldment	
4	3170000179	1	Base Section Boom Weldment	
5	1001286139	1	Cylinder Assembly - Extend/Retract (See Separate Breakdown in this Section)	
6	4691000293	1	Pin	
7	4691000321	1	Pin	
8	7754000043	4	Ring, Retaining	
9	3178000273	3	Bracket LH	
10	3178000275	3	Bracket RH	
11	4679000170	6	Pad	
12	7108180850	12	Capscrew 1/2 x 1	
13	7950180153	12	Washer 1/2	
14	4679000146	12	Pad	
15	7114140518	12	Capscrew 1/4 x 5/8	
16	4706002428	1	Plate	
17	7661000019	4	U-Nut 1/4	
18	7115140650	4	Capscrew 1/4 x 3/4	
19	7950140000	4	Washer 1/4	
20	7440030000	1	Grease Fitting	

FIGURE 3-15. CYLINDER ASSEMBLY - EXTEND (3 PIECE) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

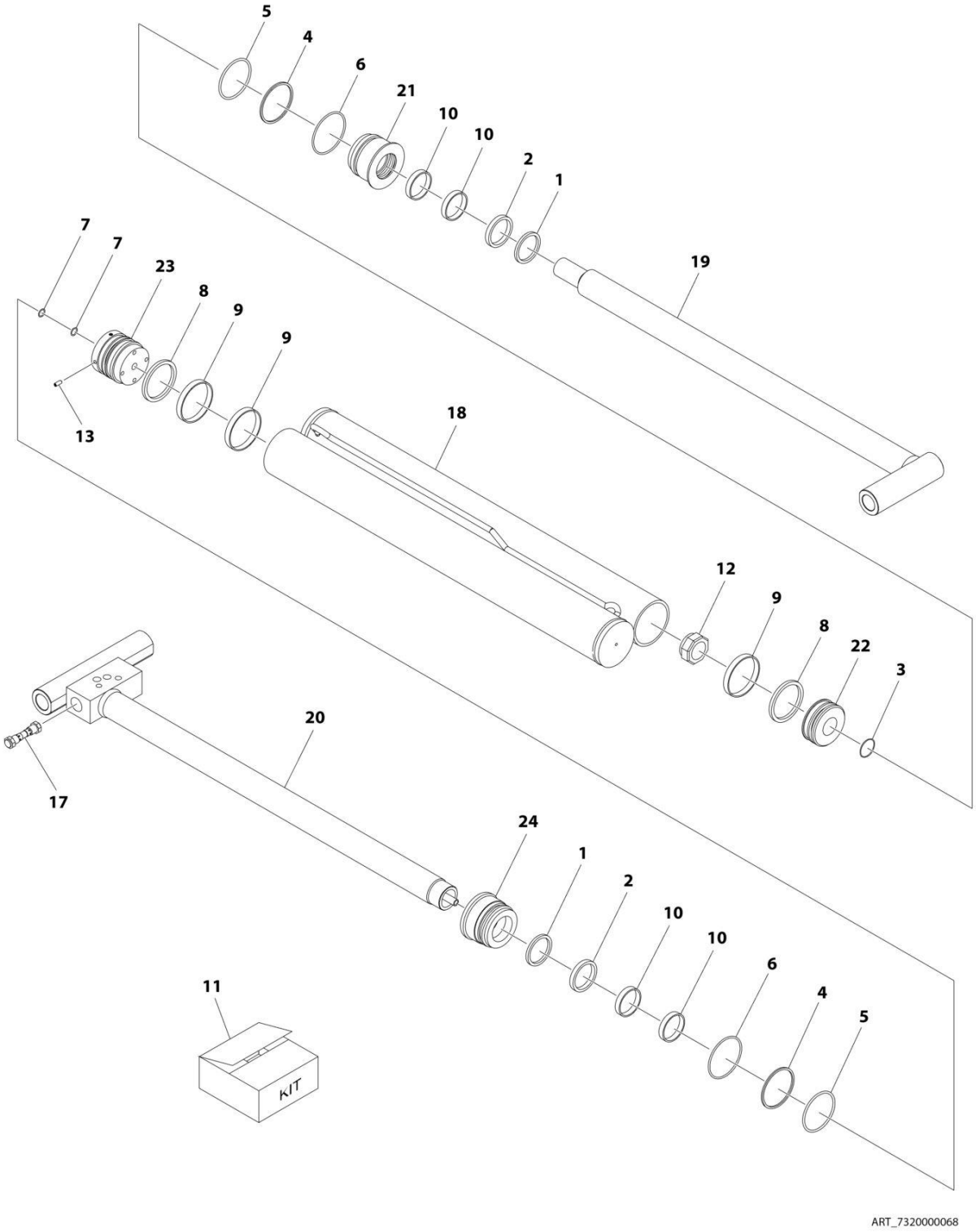


FIGURE 3-15. CYLINDER ASSEMBLY - EXTEND (3 PIECE) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000068	1	UNDERLIFT EXTENSION CYLINDER ASSEMBLY - 56,500 LBS	B
1	9796250081	2	Seal, Wiper	
2	7019829	2	Seal	
3	7023518	1	Seal, O-Ring	
4	9754250009	2	Ring, Back-up	
5	9796250057	2	Seal, O-Ring	
6	9796250058	2	Seal, O-Ring	
7	70050534	2	Seal, O-Ring	
8	9796250073	2	Seal	
9	9754250014	3	Ring, Wear	
10	80004056	4	Ring, Wear	
11	7577250334	1	Kit, Seal (Includes Items 1-10)	
12	7003116	1	Nut	
13	70050535	4	Setscrew	
14	7005348	2	Grease Fitting (Not Shown)	
15	7005365	2	Plug, Port (Not Shown)	
16	70021648	2	Plug, Port (Not Shown)	
17	9935250025	1	Cartridge, Check Valve	
18	70050550	1	Assembly, Tube	
19	70050551	1	Assembly, Rod	
20	70050552	1	Assembly, Rod	
21	9553250010	1	Head	
22	7024101	1	Piston	
23	70050540	1	Piston	
24	70050541	1	Head	

FIGURE 3-16. CYLINDER ASSEMBLY - EXTEND (3 PIECE) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

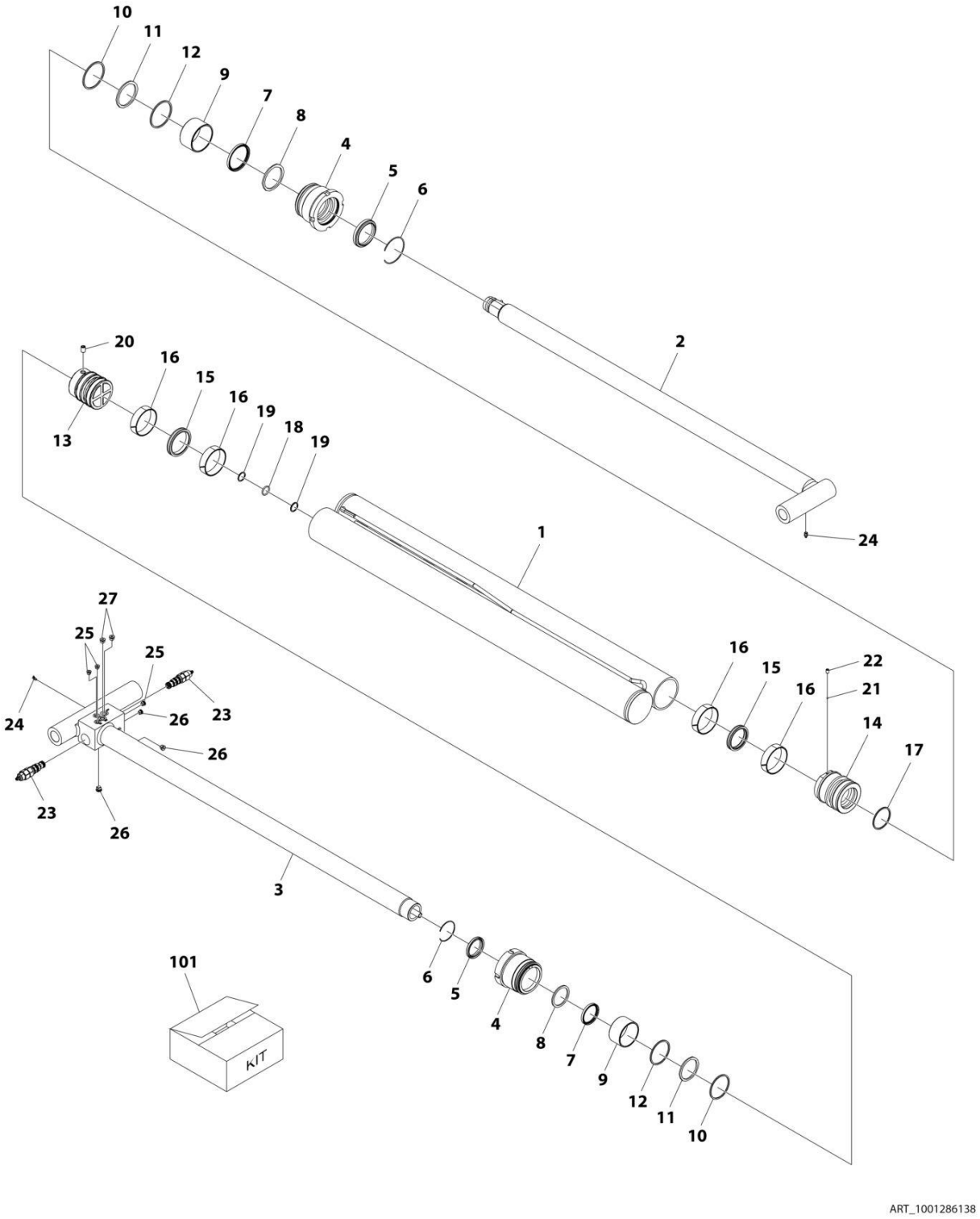


FIGURE 3-16. CYLINDER ASSEMBLY - EXTEND (3 PIECE) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286138	Ref	CYLINDER ASSEMBLY - EXTEND/RETRACT	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not available for purchase)	
2	70070106	1	Rod	
3	70070107	1	Rod	
4	70008161	2	Gland	
5	See Note	NSS	Wiper, Dust (Note: Use Item 101)	
6	70050795	2	Ring, Retaining	
7	See Note	NSS	Seal, Rod (Note: Use Item 101)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 101)	
9	70007052	2	Bushing	
10	70006606	1	O-Ring	
11	See Note	NSS	Ring, Back-up (Note: Use Item 101)	
12	See Note	NSS	O-Ring (Note: Use Item 101)	
13	70070103	1	Piston	
14	70010104	1	Piston	
15	See Note	NSS	Seal, Piston (Note: Use Item 101)	
16	See Note	NSS	Ring, Wear (Note: Use Item 101)	
17	See Note	NSS	O-Ring (Note: Use Item 101)	
18	See Note	NSS	O-Ring (Note: Use Item 101)	
19	See Note	NSS	Ring, Back-up (Note: Use Item 101)	
20	70005866	1	Set Screw	
21	70022564	1	Steel Ball	
22	70023369	1	Set Screw	
23	70070089	2	Valve, Counterbalance	
24	70029469	2	Grease Nipple	
25	70023370	3	Plug	
26	70070080	3	Plug	
27	70023371	2	Plug	
101	70070108	1	Seal Kit (Includes Items 5, 7, 8, 11, 12, 15-19)	

FIGURE 3-17. CYLINDER ASSEMBLY - EXTEND (4 PIECE) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

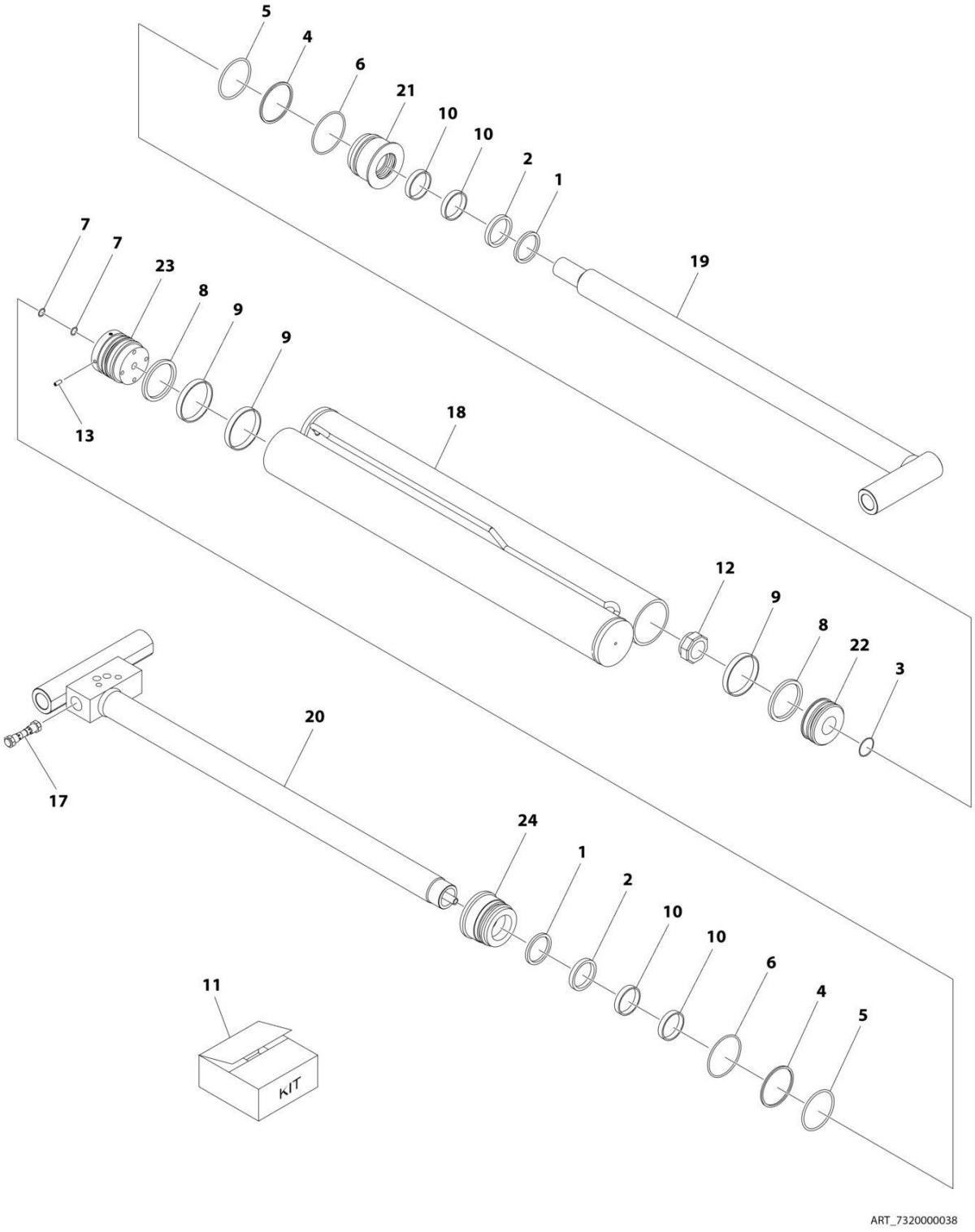
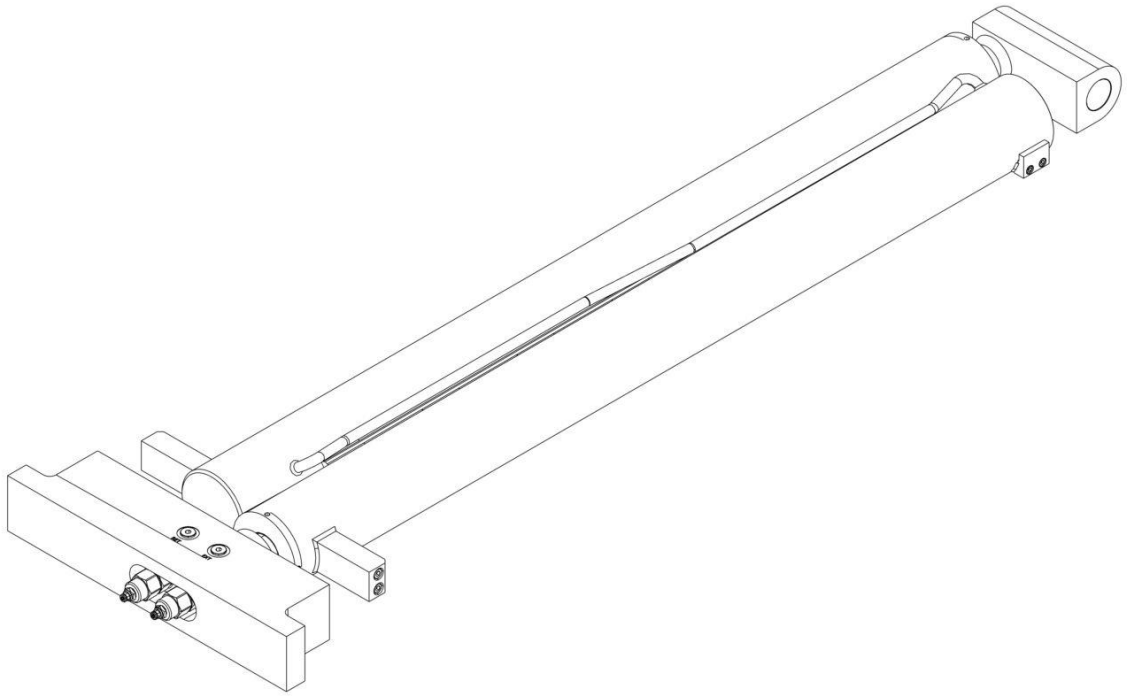


FIGURE 3-17. CYLINDER ASSEMBLY - EXTEND (4 PIECE) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000038	Ref	UNDERLIFT 4-PC EXTENSION CYLINDER ASSEMBLY	C
1	9796250081	2	Seal, Wiper	
2	7019829	2	Seal	
3	7023518	1	Seal, O-Ring	
4	9754250009	2	Ring, Back-up	
5	9796250057	2	Seal, O-Ring	
6	9796250058	2	Seal, O-Ring	
7	70050534	2	Seal, O-Ring	
8	9796250073	2	Seal	
9	9754250014	3	Ring, Wear	
10	70050568	4	Ring, Wear	
11	7577250334	1	Kit, Seal (Includes Items 1-10)	
12	7003116	1	Nut	
13	70050535	4	Setscrew	
14	7005348	2	Grease Fitting (Not Shown)	
15	7005365	2	Plug, Port (Not Shown)	
16	70021648	2	Plug, Port (Not Shown)	
17	9935250025	1	Cartridge, Check Valve	
18	70051197	1	Assembly, Tube	
19	70051196	1	Assembly, Rod	
20	70050075	1	Assembly, Rod	
21	9553250010	1	Head	
22	7024101	1	Piston	
23	70050540	1	Piston	
24	70050541	1	Head	

FIGURE 3-18. CYLINDER ASSEMBLY - EXTEND (4 PIECE) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)



ART_1001292166

FIGURE 3-18. CYLINDER ASSEMBLY - EXTEND (4 PIECE) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001292166	Ref	UNDERLIFT 4-PC EXTENSION CYLINDER ASSEMBLY	B
	See Note	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	

FIGURE 3-19. CYLINDER ASSEMBLY - EXTEND (4 PIECE) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

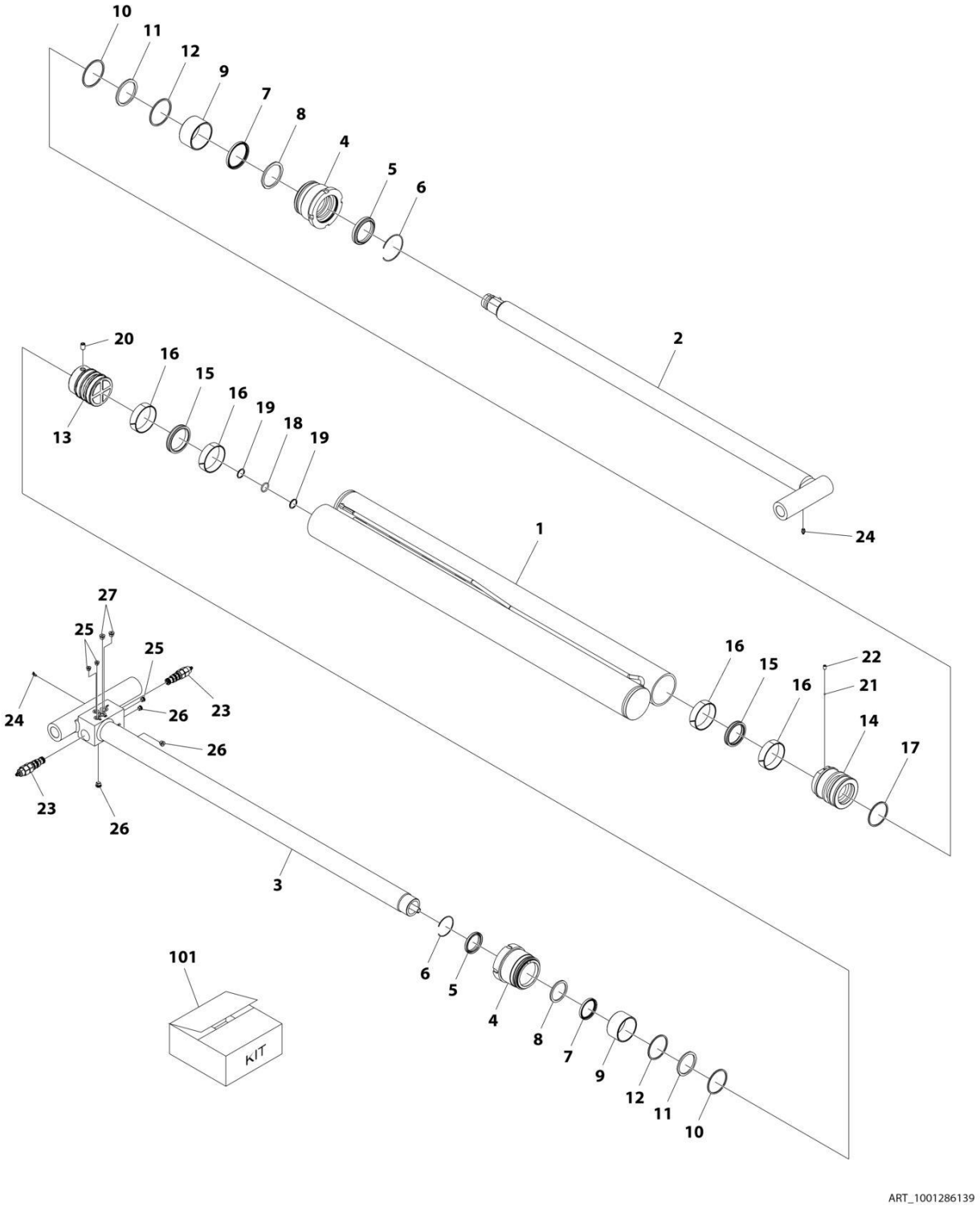


FIGURE 3-19. CYLINDER ASSEMBLY - EXTEND (4 PIECE) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286139	Ref	CYLINDER ASSEMBLY - EXTEND/RETRACT	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not available for purchase)	
2	70070109	1	Rod	
3	70070110	1	Rod	
4	70008161	2	Gland	
5	See Note	NSS	Wiper, Dust (Note: Use Item 101)	
6	70050795	2	Ring, Retaining	
7	See Note	NSS	Seal, Rod (Note: Use Item 101)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 101)	
9	70007052	2	Bushing	
10	See Note	NSS	O-Ring (Note: Use Item 101)	
11	See Note	NSS	Ring, Back-up (Note: Use Item 101)	
12	See Note	NSS	O-Ring (Note: Use Item 101)	
13	70070103	1	Piston	
14	70010104	1	Piston	
15	See Note	NSS	Seal, Piston (Note: Use Item 101)	
16	See Note	NSS	Ring, Wear (Note: Use Item 101)	
17	See Note	NSS	O-Ring (Note: Use Item 101)	
18	See Note	NSS	O-Ring (Note: Use Item 101)	
19	See Note	NSS	Ring, Back-up (Note: Use Item 101)	
20	70005866	1	Set Screw	
21	70022564	1	Steel Ball	
22	70023369	1	Set Screw	
23	70070089	2	Valve, Counterbalance	
24	70029469	2	Grease Nipple	
25	70023370	3	Plug	
26	70070080	3	Plug	
27	70023371	2	Plug	
101	70070111	1	Seal Kit (Includes Items 5, 7, 8, 10-12, 15-19)	

FIGURE 3-20. CYLINDER ASSEMBLY - LIFT (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

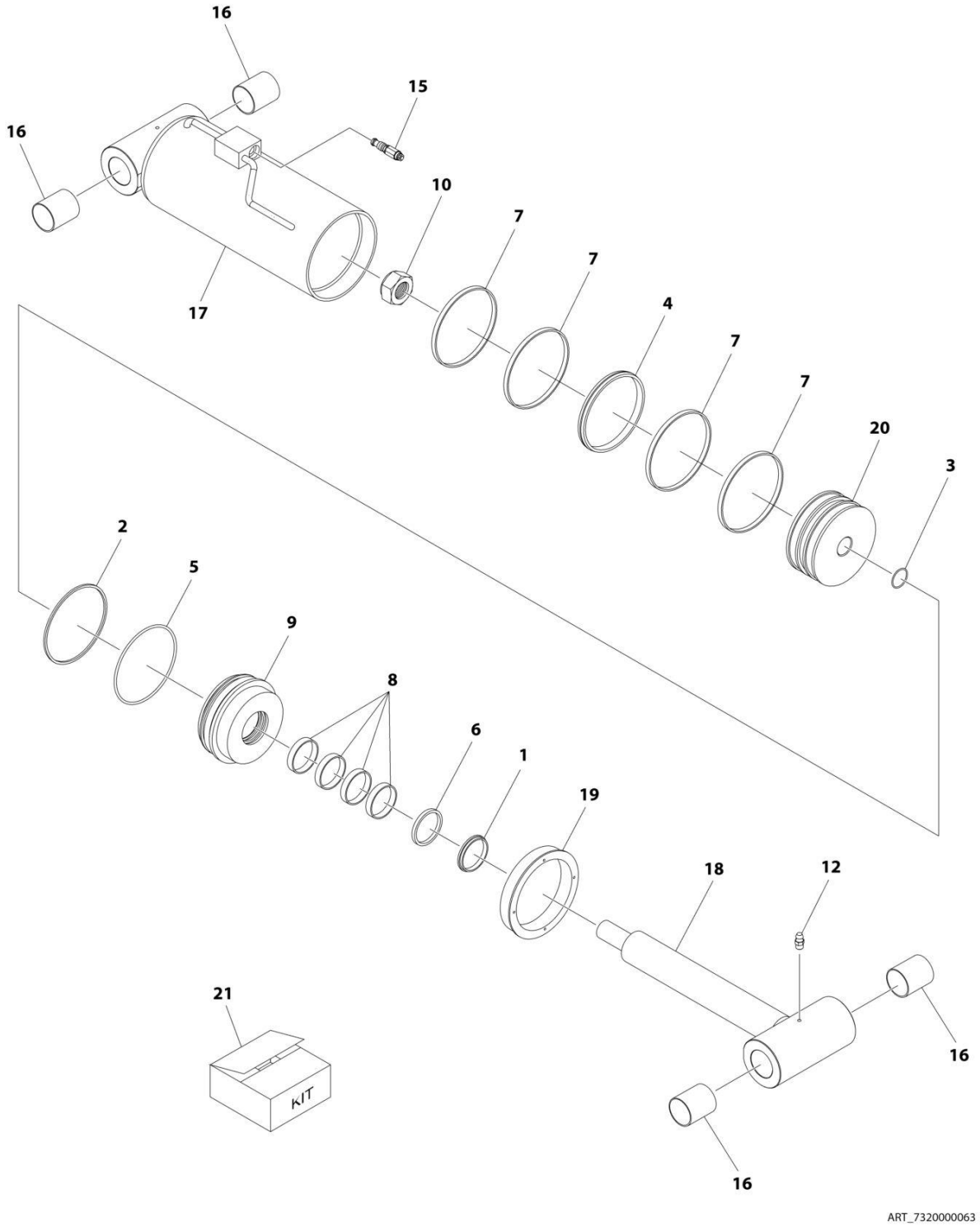


FIGURE 3-20. CYLINDER ASSEMBLY - LIFT (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000063	Ref	UNDERLIFT LIFT CYLINDER ASSEMBLY - 53,000/56,500 LBS	B
1	9796250083	1	Seal, Wiper	
2	9754250011	1	Ring, Back-up	
3	9796250062	1	Seal, O-Ring	
4	70050544	1	Seal	
5	7796250068	1	Seal, O-Ring	
6	70050545	1	Seal	
7	9754250017	4	Ring, Wear	
8	80004049	4	Ring, Wear	
9	70050549	1	Head	
10	7005314	1	Nut	
11	70021757	1	Setscrew (Not Shown)	
12	7005348	2	Grease Fitting	
13	7005365	1	Plug, Port (Not Shown)	
14	70021648	2	Plug, Port (Not Shown)	
15	70050215	1	Valve, Counterbalance	
16	70050232	4	Bushing	
17	70050546	1	Assembly, Tube	
18	70050547	1	Assembly, Rod	
19	9254250007	1	Headcap	
20	70050548	1	Piston	
21	7577000320	1	Kit, Seal (Includes Items 1-8)	

FIGURE 3-21. CYLINDER ASSEMBLY - LIFT (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

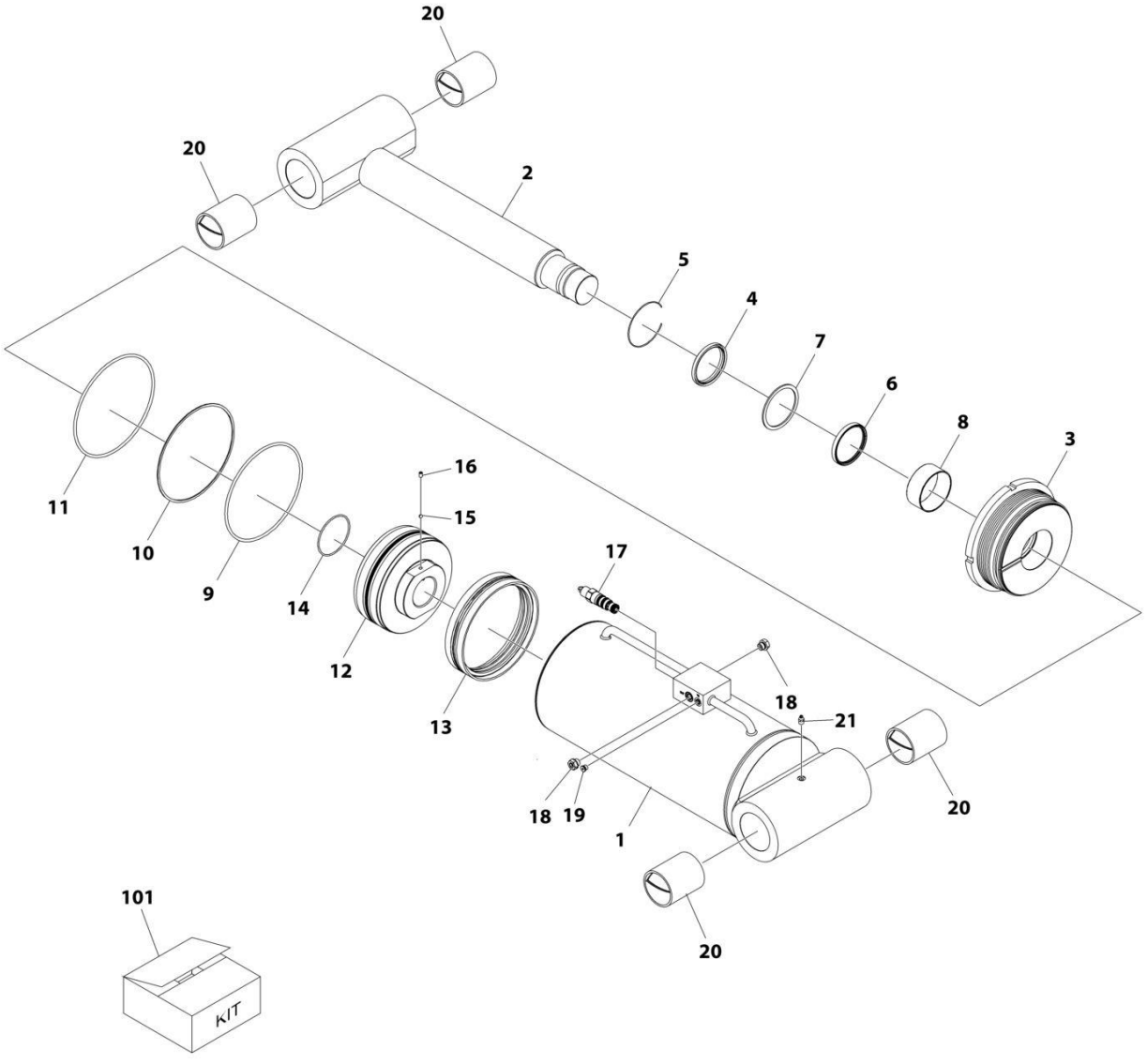


FIGURE 3-21. CYLINDER ASSEMBLY - LIFT (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284481	Ref	CYLINDER ASSEMBLY - LIFT	A
	See Note	Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70070048	1	Rod	
3	70070045	1	Gland	
4	See Note	NSS	Wiper, Dust (Note: Use Item 101)	
5	70023380	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 101)	
7	See Note	NSS	Ring, Backup (Note: Use Item 101)	
8	70007423	1	Bushing	
9	See Note	NSS	O-Ring (Note: Use Item 101)	
10	See Note	NSS	Ring, Backup (Note: Use Item 101)	
11	See Note	NSS	O-Ring (Note: Use Item 101)	
12	70070046	1	Piston	
13	See Note	NSS	Seal, Piston (Note: Use Item 101)	
14	See Note	NSS	O-Ring (Note: Use Item 101)	
15	70022564	1	Ball, Steel	
16	70029468	1	Screw, Set	
17	70070042	1	Valve, Counterbalance	
18	70070038	2	Plug, Dust	
19	70023370	1	Plug	
20	70070049	4	Bushing	
21	70029469	1	Grease Nipple	
101	70070050	1	Seal Kit (Includes Items 4, 6, 7, 9-11 & 13, 14)	

FIGURE 3-22. CYLINDER ASSEMBLY - TILT (53000LBS) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

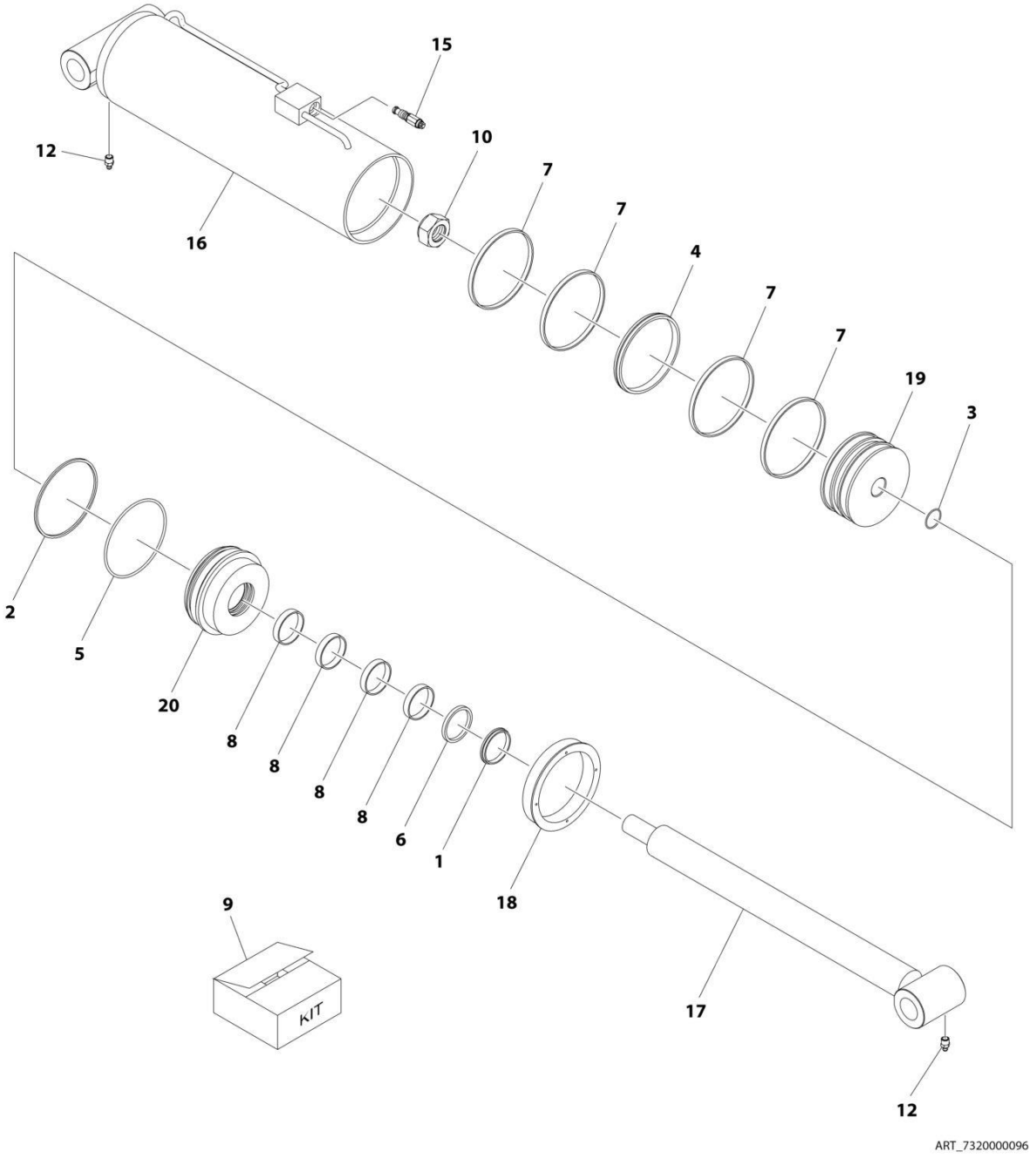


FIGURE 3-22. CYLINDER ASSEMBLY - TILT (53000LBS) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000096	Ref	UNDERLIFT TILT CYLINDER ASSEMBLY - 53,000/56,500 LBS	B
1	9796250083	1	Seal, Wiper	
2	9754250011	1	Ring, Back-up	
3	9796250062	1	Seal, O-Ring	
4	70050544	1	Seal	
5	9796250068	1	Seal, O-Ring	
6	70050545	1	Seal	
7	9754250017	4	Ring, Wear	
8	80004049	4	Ring, Wear	
9	7577000063	1	Kit, Seal (Includes Items 1-8)	
10	7005314	1	Nut	
11	70021757	1	Setscrew (Not Shown)	
12	7005348	2	Grease Fitting	
13	70021648	2	Plug, Port (Not Shown)	
14	7005365	1	Plug, Port (Not Shown)	
15	70050215	1	Valve, Counterbalance	
16	70050594	1	Assembly, Tube	
17	70050595	1	Assembly, Rod	
18	9254250007	1	Headcap	
19	70050548	1	Piston	
20	70050549	1	Head	

FIGURE 3-23. CYLINDER ASSEMBLY - TILT (53000LBS) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

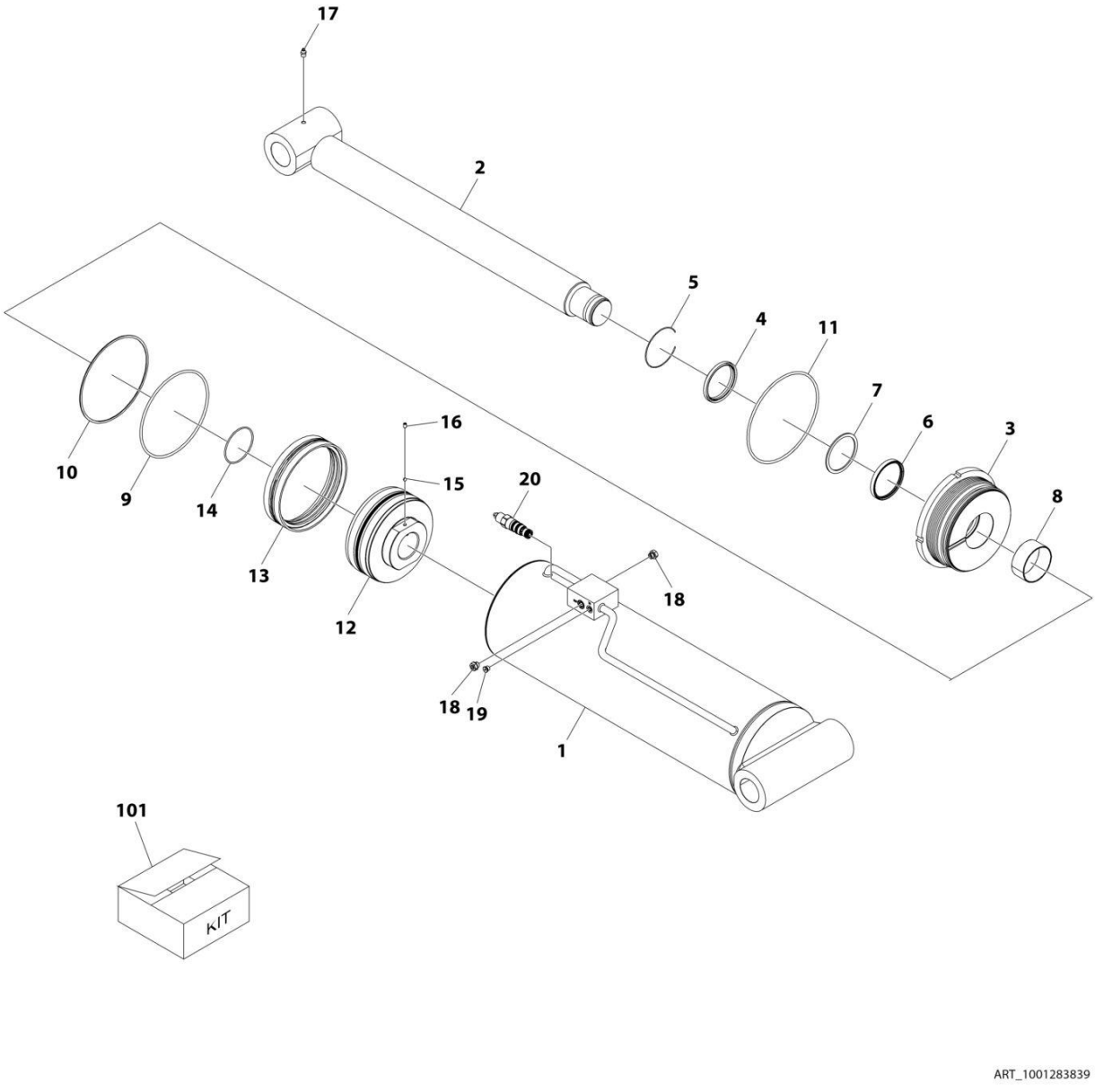


FIGURE 3-23. CYLINDER ASSEMBLY - TILT (53000LBS) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283839	Ref	CYLINDER ASSEMBLY - TILT	A
	See Note	Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70070044	1	Rod	
3	70070045	1	Gland	
4	See Note	NSS	Wiper, Dust (Note: Use Item 101)	
5	70023380	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 101)	
7	See Note	NSS	Ring, Backup (Note: Use Item 101)	
8	70052522	1	Bushing	
9	See Note	NSS	O-Ring (Note: Use Item 101)	
10	See Note	NSS	Ring, Backup (Note: Use Item 101)	
11	See Note	NSS	O-Ring (Note: Use Item 101)	
12	70070046	1	Piston	
13	See Note	NSS	Seal, Piston (Note: Use Item 101)	
14	See Note	NSS	O-Ring (Note: Use Item 101)	
15	70022564	1	Ball, Steel	
16	70029468	1	Screw, Set	
17	70029469	1	Grease Nipple	
18	70070038	2	Plug, Dust	
19	70023370	1	Plug	
20	70070037	1	Valve, Counterbalance	
101	70070047	1	Seal Kit (Includes Items 4, 6, 7, 9-11 & 13, 14)	

FIGURE 3-24. CYLINDER ASSEMBLY - TILT (48000LBS) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

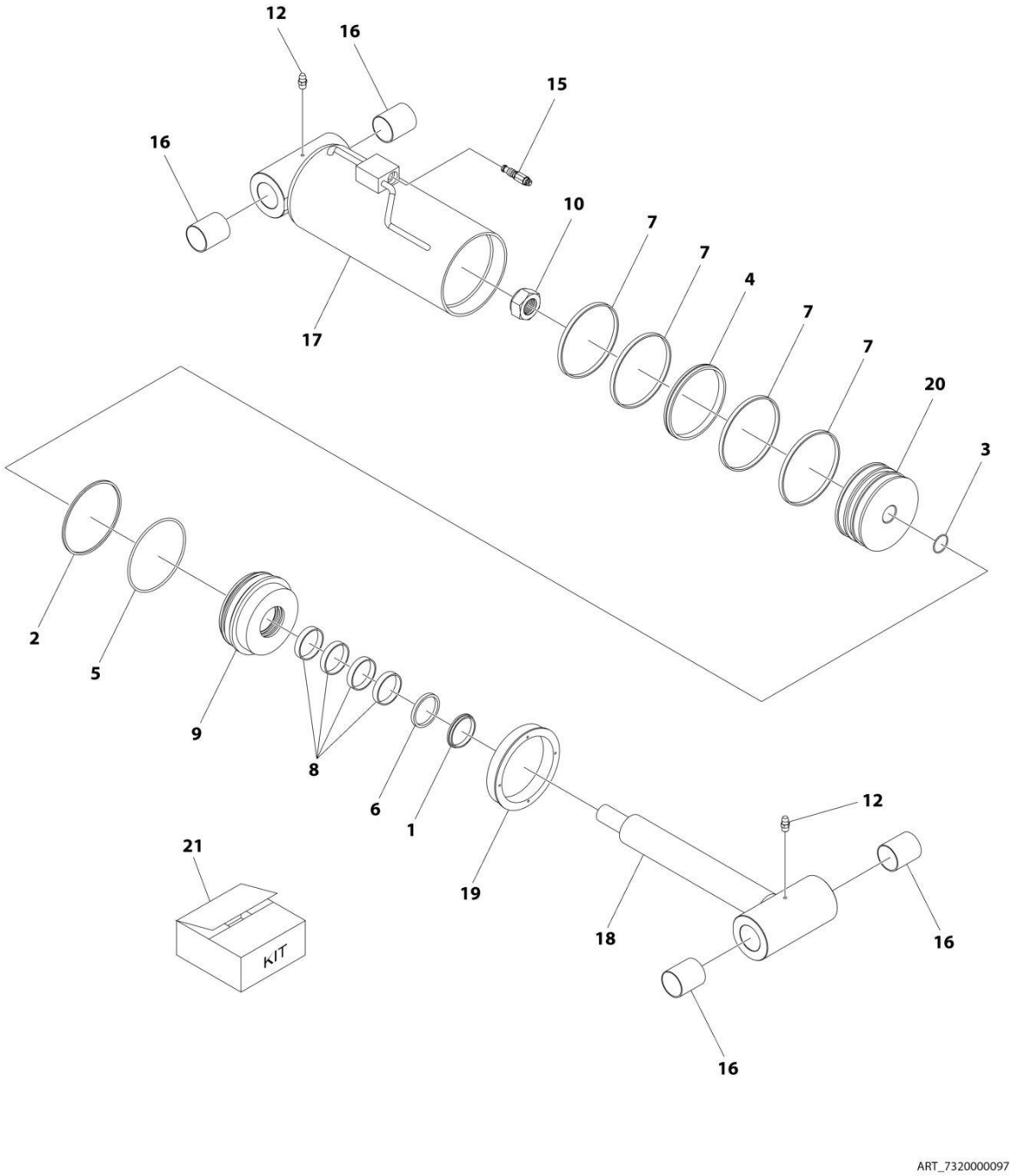


FIGURE 3-24. CYLINDER ASSEMBLY - TILT (48000LBS) (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000097	Ref	CYLINDER ASSEMBLY - UNDERLIFT EXTEND/RETRACT (48K LBS)	C
1	9796250084	1	Wiper	
2	9796250059	1	O-Ring	
3	9796250065	1	O-Ring	
4	9796250077	1	Seal	
5	9754250012	1	Ring, Back-up	
6	9796250078	1	Seal	
7	9754250022	4	Ring, Wear	
8	9754250023	4	Ring, Wear	
9	70051199	1	Piston Head	
10	9661250019	1	Nut	
11	9701250006	2	Nylon Plug (Not Shown)	
12	83304181	2	Fitting, Straight	
13	9786250005	1	Screw (Not Shown)	
14	9786250004	4	Screw (Not Shown)	
15	9935250032	1	Counterbalance	
16	70050232	4	Bushing	
17	9912250008	1	Tube	
18	9763250013	1	Rod	
19	9254250008	1	Headcap	
20	9698250005	1	Piston	
21	7577250188	1	Kit, Seal (Includes Items 1-8)	
22	70021648	2	Plug (Not Shown)	
23	7005365	1	Plug (Not Shown)	

FIGURE 3-25. CYLINDER ASSEMBLY - TILT (48000LBS) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

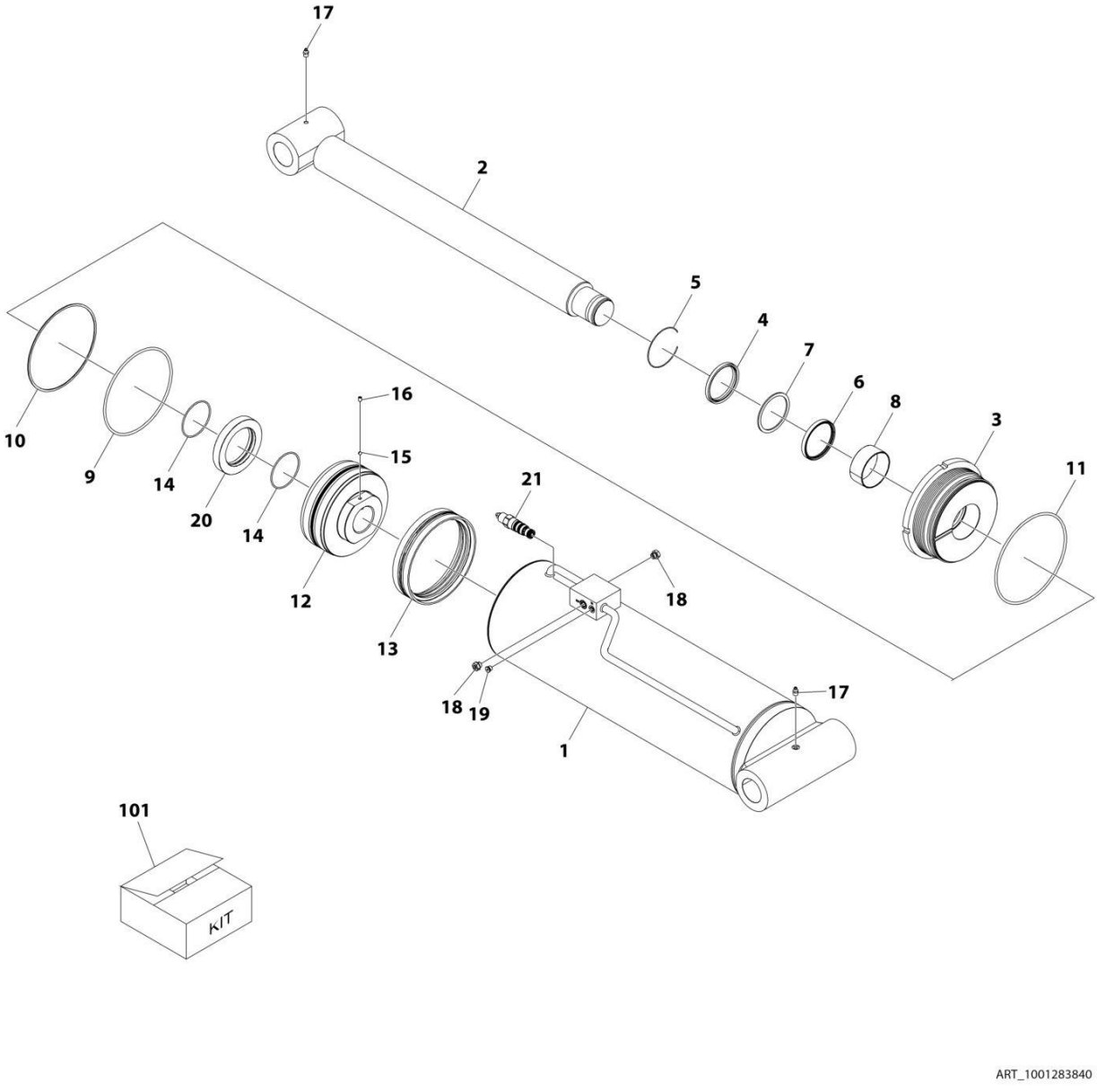


FIGURE 3-25. CYLINDER ASSEMBLY - TILT (48000LBS) (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283840	Ref	CYLINDER ASSEMBLY - TILT	A
	See Note	Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70070044	1	Rod	
3	70070045	1	Gland	
4	See Note	NSS	Wiper, Dust (Note: Use Item 101)	
5	70023380	1	Ring, Retaining	
6	See Note	NSS	Seal, Rod (Note: Use Item 101)	
7	See Note	NSS	Ring, Backup (Note: Use Item 101)	
8	70007423	1	Bushing	
9	See Note	NSS	O-Ring (Note: Use Item 101)	
10	See Note	NSS	Ring, Backup (Note: Use Item 101)	
11	See Note	NSS	O-Ring (Note: Use Item 101)	
12	70070046	1	Piston	
13	See Note	NSS	Seal, Piston (Note: Use Item 101)	
14	See Note	NSS	O-Ring (Note: Use Item 101)	
15	70022564	1	Ball, Steel	
16	70029468	1	Screw, Set	
17	70029469	2	Grease Nipple	
18	70070038	2	Plug, Dust	
19	70023370	1	Plug	
20	70070051	1	Spacer	
21	70070037	1	Valve, Counterbalance	
101	70070052	1	Seal Kit (Includes Items 4, 6, 7, 9-11 & 13, 14)	

FIGURE 3-26. CYLINDER ASSEMBLY - UNDERLIFT - EXTEND (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

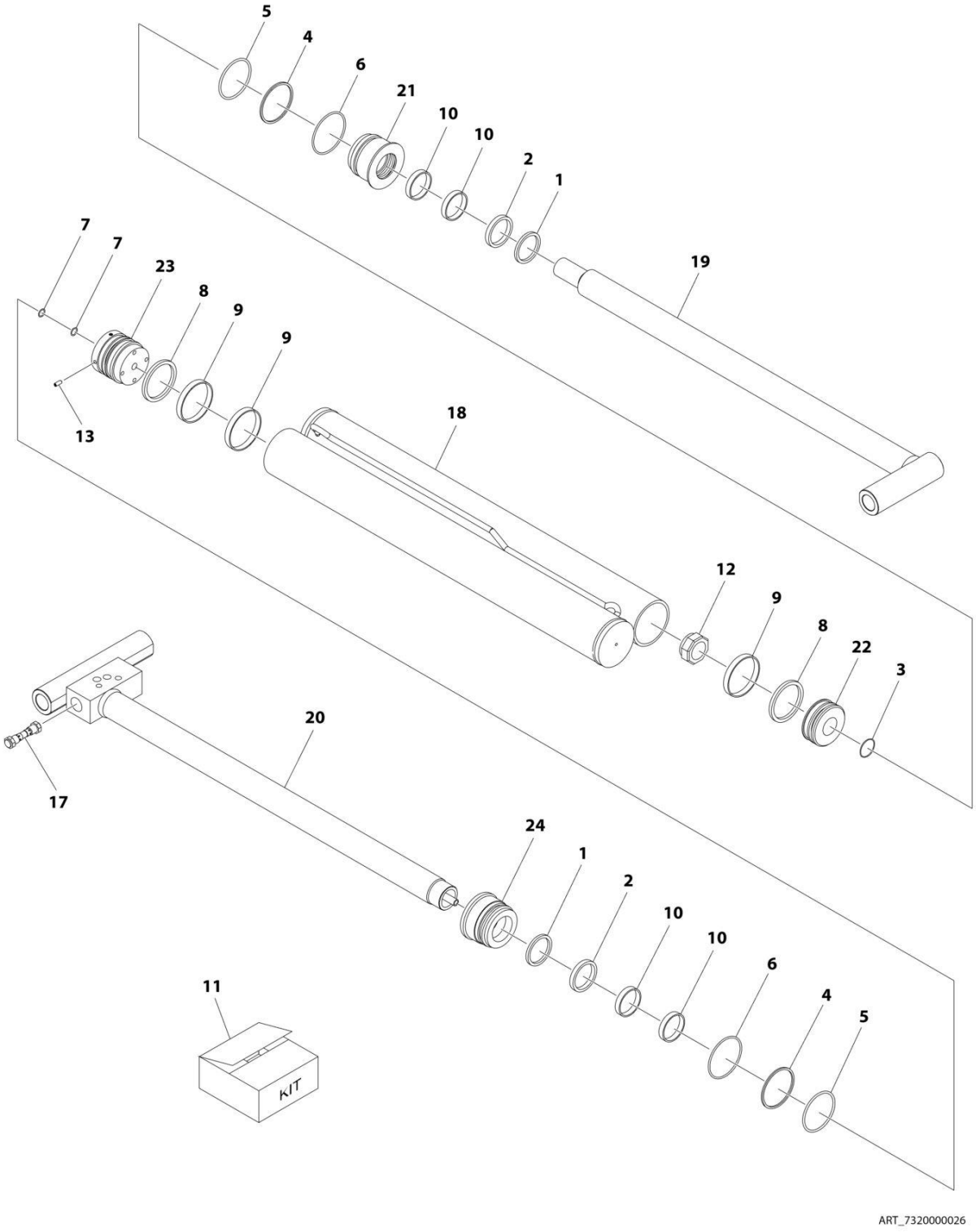


FIGURE 3-26. CYLINDER ASSEMBLY - UNDERLIFT - EXTEND (Prior to SN 0230011278, Excluding 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000026	Ref	UNDERLIFT EXTENSION CYLINDER ASSEMBLY - 53,000 LBS	B
1	9796250081	2	Seal, Wiper	
2	7019829	2	Seal	
3	7023518	1	Seal, O-Ring	
4	9754250009	2	Ring, Back-up	
5	9796250057	2	Seal, O-Ring	
6	9796250058	2	Seal, O-Ring	
7	70050534	2	Seal, O-Ring	
8	9796250073	2	Seal	
9	9754250014	3	Ring, Wear	
10	70050568	4	Ring, Wear	
11	7577250334	1	Kit, Seal (Includes Items 1-10)	
12	7003116	1	Nut	
13	70050535	4	Setscrew	
14	7005348	2	Grease Fitting (Not Shown)	
15	7005365	2	Plug, Port (Not Shown)	
16	70021648	2	Plug, Port (Not Shown)	
17	9935250025	1	Cartridge, Check Valve	
18	70050536	1	Assembly, Tube	
19	70050537	1	Assembly, Rod	
20	70050538	1	Assembly, Rod	
21	9553250010	1	Head	
22	7024101	1	Piston	
23	70050540	1	Piston	
24	70050541	1	Head	

FIGURE 3-27. CYLINDER ASSEMBLY - UNDERLIFT - EXTEND (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

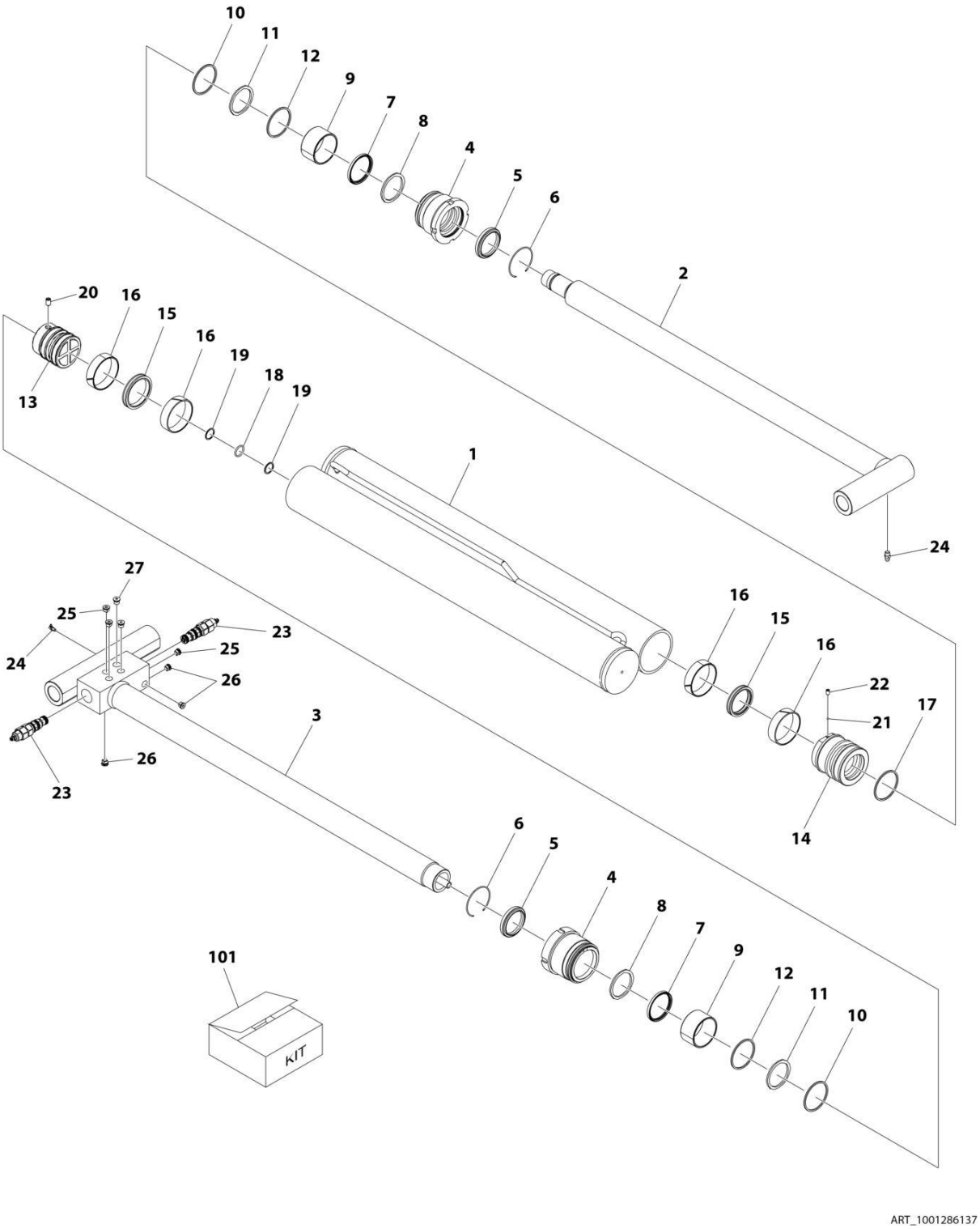


FIGURE 3-27. CYLINDER ASSEMBLY - UNDERLIFT - EXTEND (SN 0230011278 to Present, Including 0230010761, 0230010763, 0230010765 and 0230010822)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286137	Ref	CYLINDER ASSEMBLY - EXTEND/RETRACT	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not available for purchase)	
2	70070101	1	Rod	
3	70070102	1	Rod	
4	70008161	2	Gland	
5	See Note	NSS	Wiper, Dust (Note: Use Item 101)	
6	70050795	2	Ring, Retaining	
7	See Note	NSS	Seal, Rod (Note: Use Item 101)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 101)	
9	70007052	2	Bushing	
10	70006606	2	O-Ring	
11	See Note	NSS	Ring, Back-up (Note: Use Item 101)	
12	See Note	NSS	O-Ring (Note: Use Item 101)	
13	70070103	1	Piston	
14	70010104	1	Piston	
15	See Note	NSS	Seal, Piston (Note: Use Item 101)	
16	See Note	NSS	Ring, Wear (Note: Use Item 101)	
17	See Note	NSS	O-Ring (Note: Use Item 101)	
18	See Note	NSS	O-Ring (Note: Use Item 101)	
19	See Note	NSS	Ring, Back-up (Note: Use Item 101)	
20	70005866	1	Set Screw	
21	70022564	1	Steel Ball	
22	70023369	1	Set Screw	
23	70070089	2	Valve, Counterbalance	
24	70029469	2	Grease Nipple	
25	70023370	3	Plug	
26	70070080	3	Plug	
27	70023371	2	Plug	
101	70070105	1	Seal Kit (Includes Items 5, 7, 8, 11, 12, 15-19)	

FIGURE 3-28. CROSSTUBE INSTALLATION

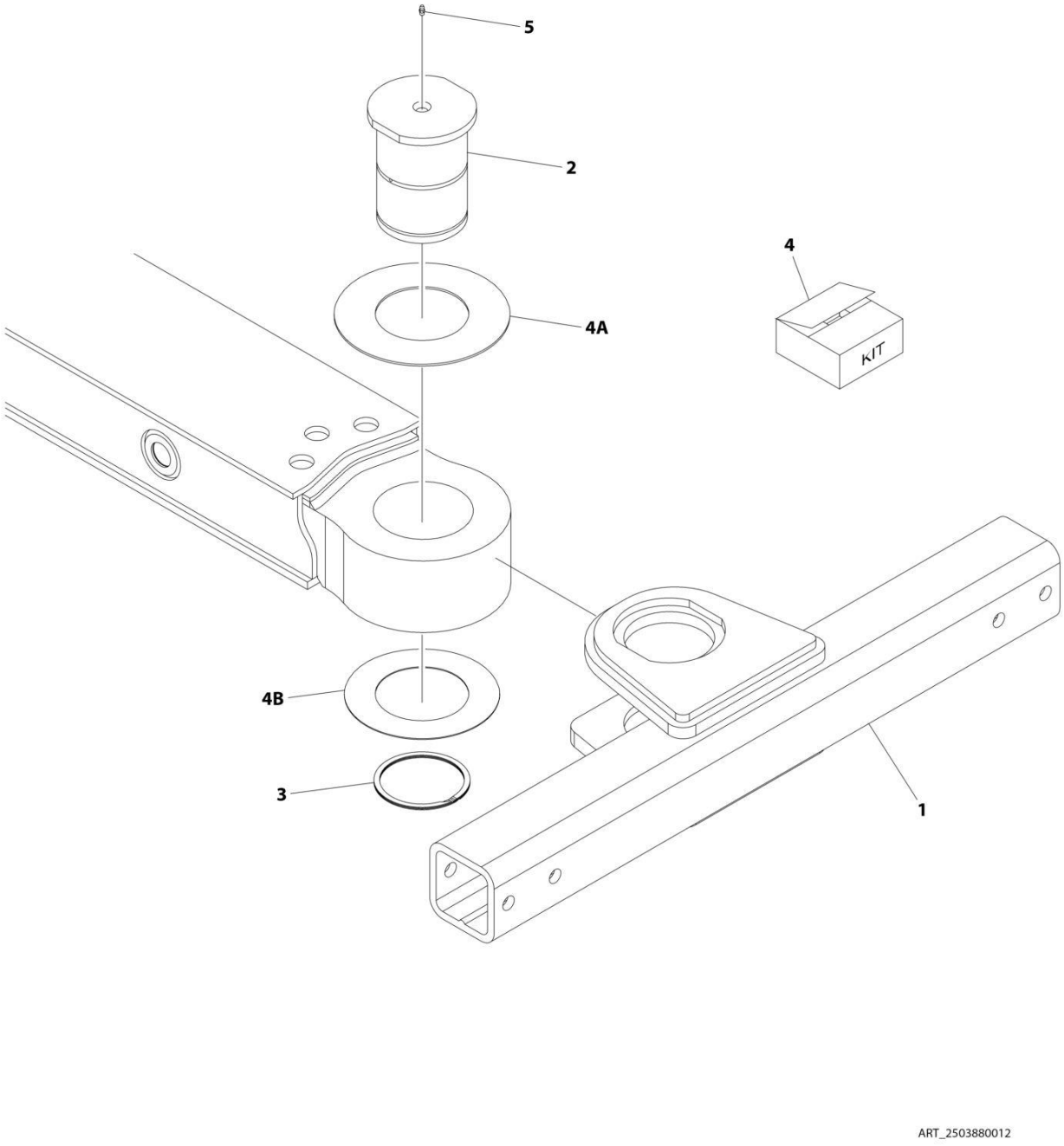


FIGURE 3-28. CROSSTUBE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2503880012	Ref	CROSSTUBE INSTALLATION	A
1	3913000094	1	Crosstube Weldment	
2	4691000242	1	Pin	
3	7754000042	1	Ring, Retaining	
4	3577000018	1	Shim Kit	
4A	4949000041	1	Washer 1/8	
4B	4949000042	1	Washer 1/16	
5	7440030000	1	Grease Fitting	

FIGURE 3-29. FRAME FORKS INSTALLATION

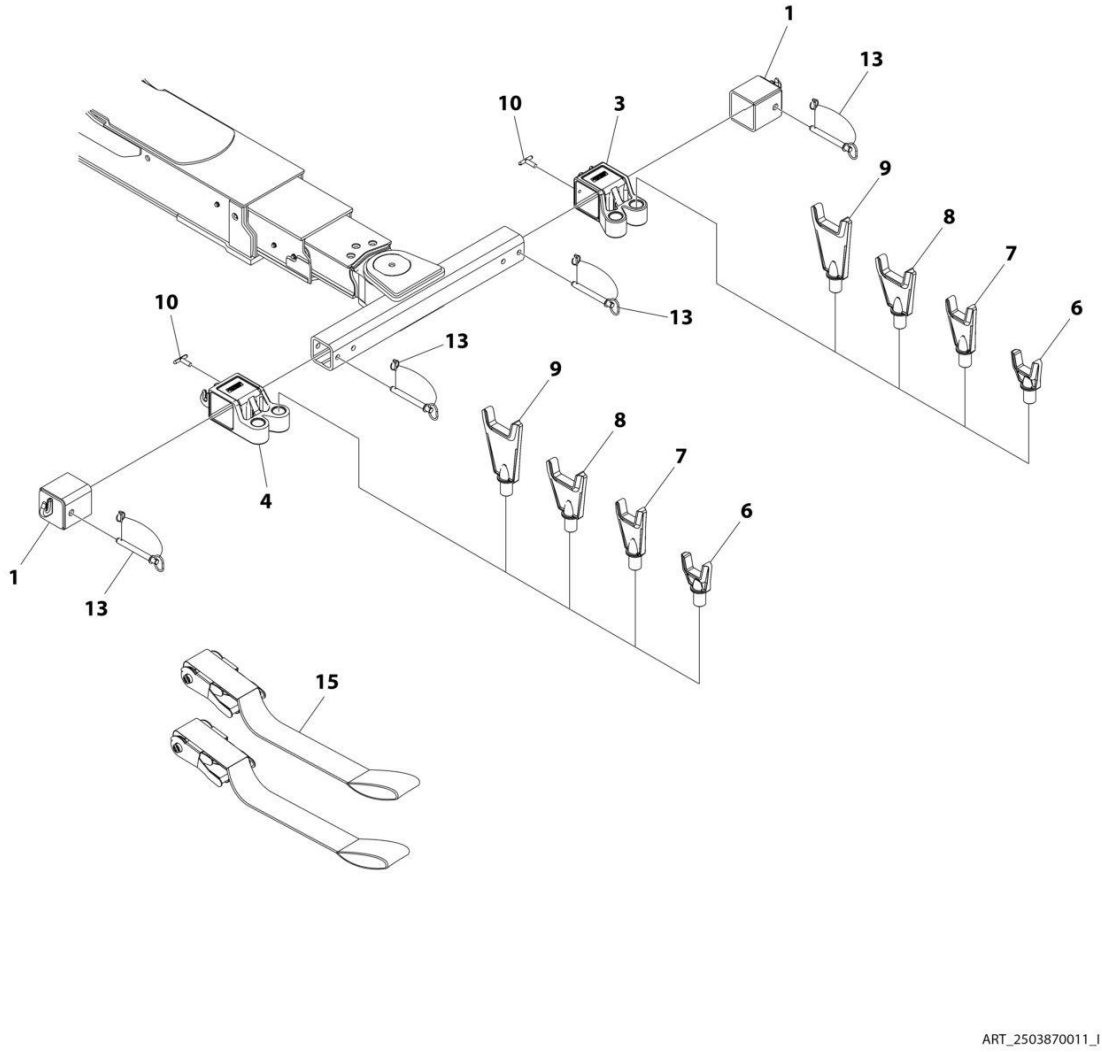


FIGURE 3-29. FRAME FORKS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2503870011	Ref	FRAME FORK INSTALLATION	I
1	3007000004	2	Chain Hook Adapter	
3	7007000056	1	Frame Fork Adapter, RH	
4	7007000055	1	Frame Fork Adapter, LH	
6	7454000006	2	Fork, Short	
7	7454000005	2	Fork, Medium	
8	7454000003	2	Fork, Medium	
9	7454000004	2	Fork, Long	
10	3551000036	2	T-Handle	
13	7691000021	4	Pin	
15	1001159568	2	Strap	

FIGURE 3-30. WINCH INSTALLATION - UNDERLIFT

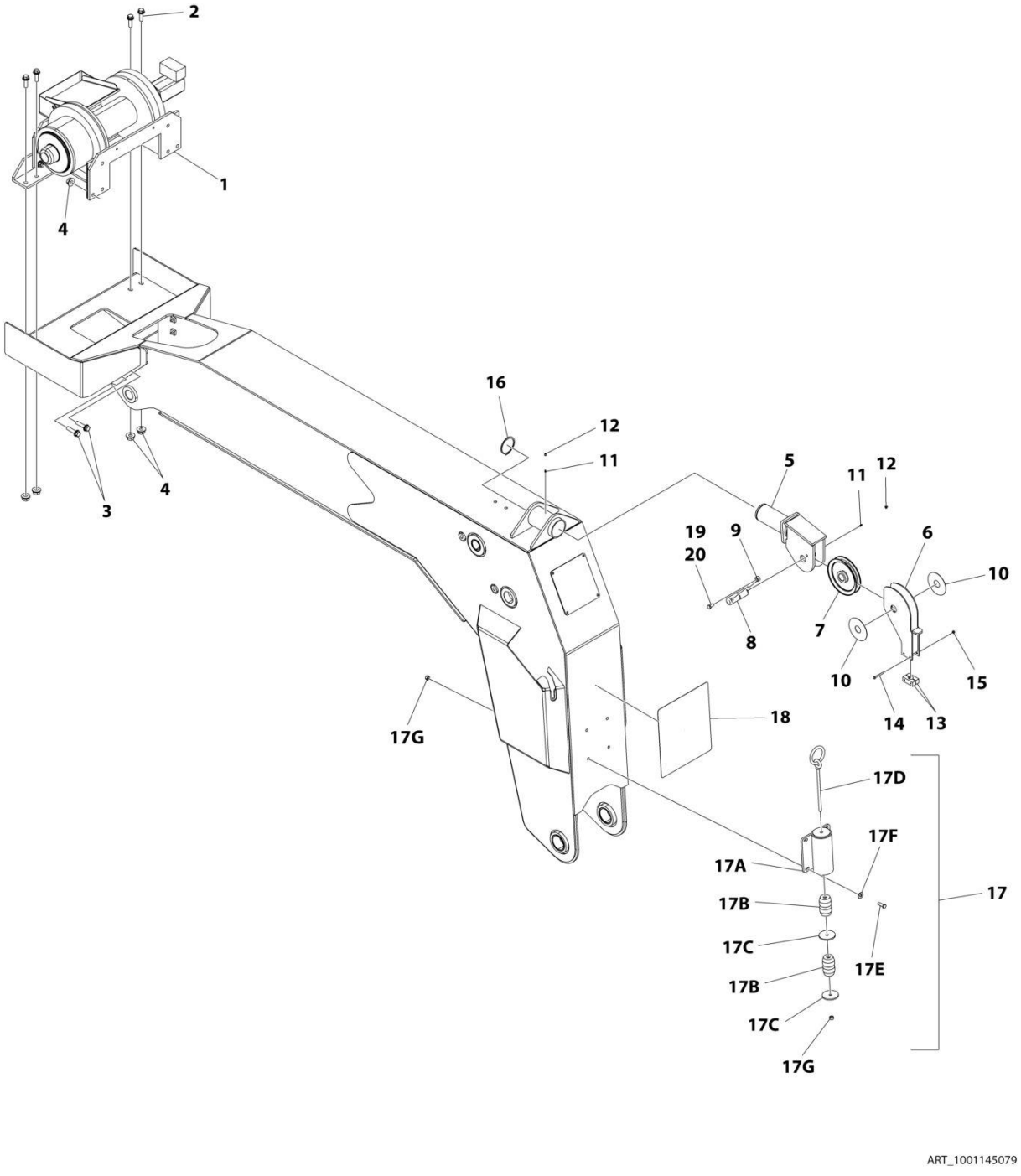
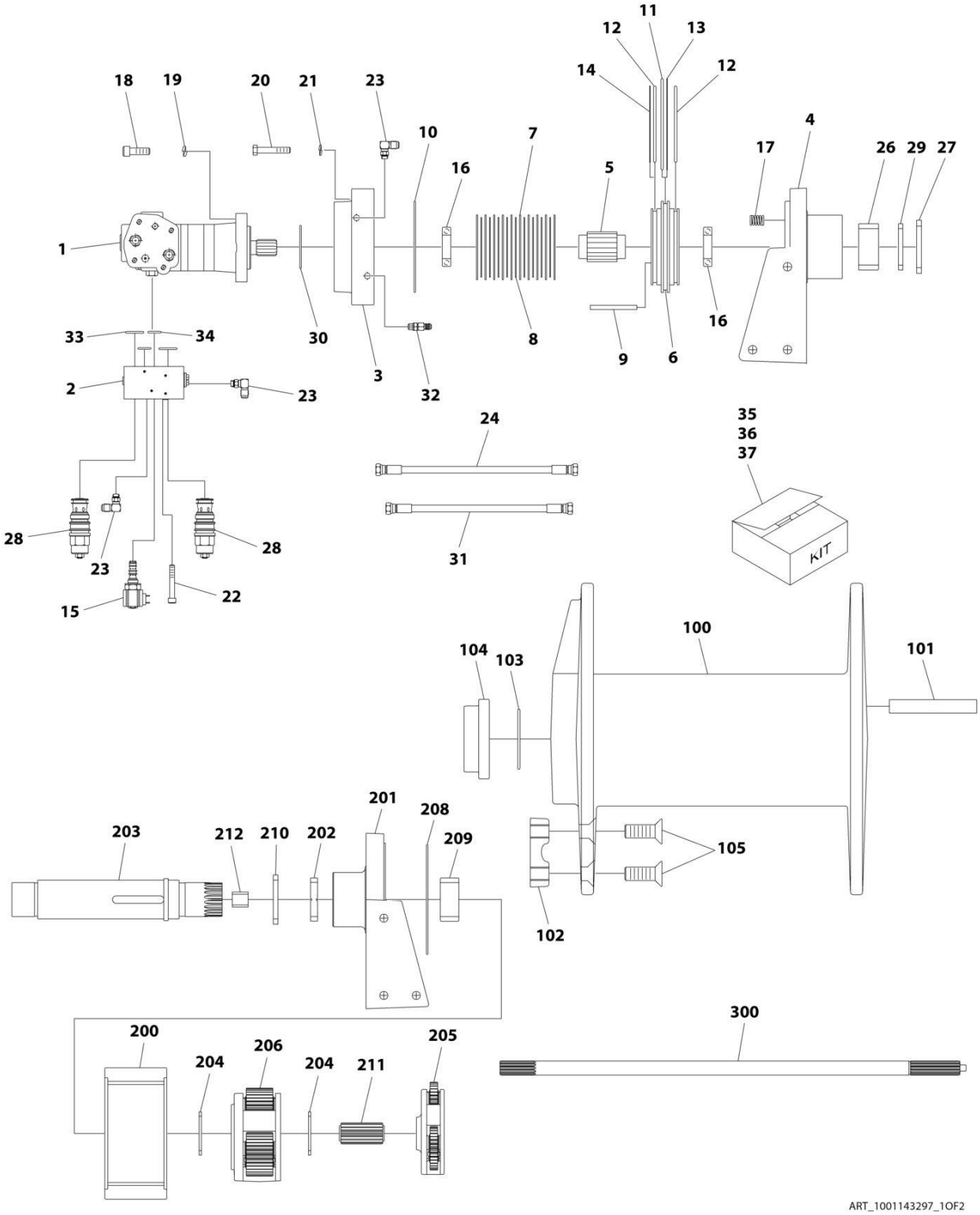


FIGURE 3-30. WINCH INSTALLATION - UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145079	Ref	WINCH INSTALLATION - UNDERLIFT	D
1	1001143297	1	Winch Assembly (See Separate Breakdown in this Section)	
2	7118201616	4	Bolt 5/8 x 2	
3	7118202016	4	Bolt 5/8 x 2-1/2	
4	7661000018	8	Nut 5/8	
5	1001169617	1	Sheave Support Weldment	
6	3249000012	1	Guide, Cable	
7	7809000006	1	Sheave	
8	1001169893	1	Pin	
9	3841203	1	Rod	
10	4949000045	2	Washer	
11	7440030000	2	Fitting, Grease	
12	7253000002	2	Cap, Grease Fitting	
13	4249000002	1	Guide, Cable **(SN 0230004275 through 0230009234)**	
13	4249000001	2	Guide, Cable **(SN 0230009235 to Present)**	
14	7115142050	2	Bolt 1/4 x 2-1/2	
15	7660142604	2	Nut 1/4	
16	7754000049	1	Ring, Retaining	
17	3249000038	1	Cable Tie Back Assembly	
17A	3912000034	1	Tie Back Tube	
17B	7189000014	2	Spring	
17C	4831000115	2	Spacer	
17D	7120000053	1	Ring Bolt	
17E	7115181250	4	Bolt 1/2 x 1-1/2	
17F	7950180150	4	Washer 1/2	
17G	7660182601	5	Nut 1/2	
18	1001151050	1	Decal, Wear	
19	7115180850	1	Bolt 1/2 x 1	
20	0100011	AR	Compound locking	

FIGURE 3-31. WINCH ASSEMBLY - UNDERLIFT



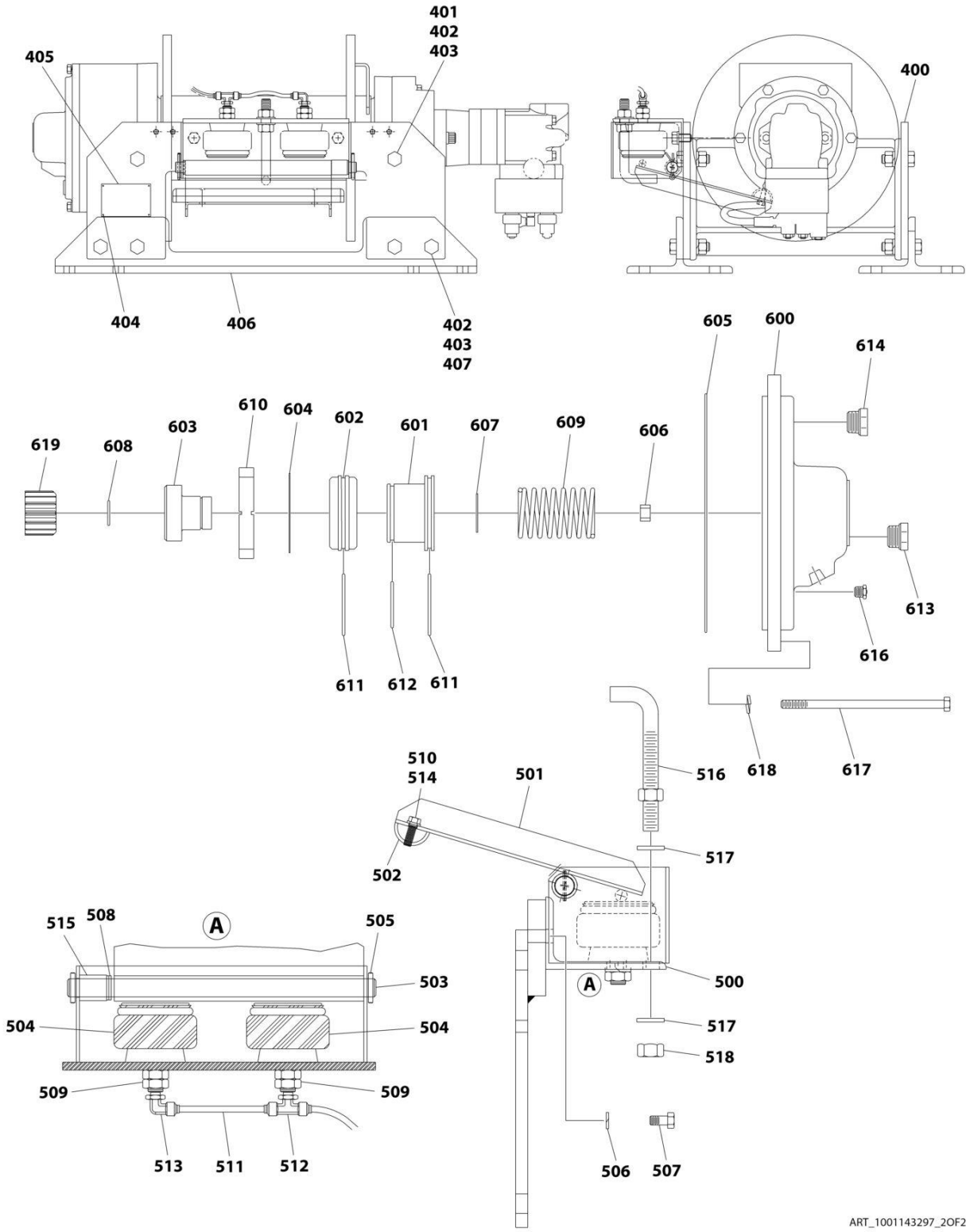

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FIGURE 3-31. WINCH ASSEMBLY - UNDERLIFT

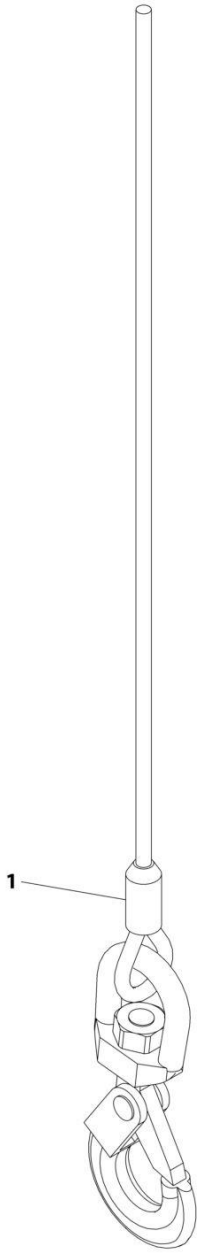
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143297	Ref	WINCH ASSEMBLY - UNDERLIFT	A
		Ref	Motor End Assembly	
1	70050399	1	Motor, Hydraulic	
2	70050368	1	Valve, Counterbalance	
3	9571960006	1	Brake Housing	
4	9177960004	1	Support, Motor End	
5	6906960019	1	Shaft Brake	
6	9698960008	1	Piston, Brake	
7	Kit	10	Plate, Friction Disk	
8	Kit	9	Plate, Brake Drive	
9	9691960021	2	Pin	
10	Kit	1	O-Ring	
11	Kit	1	O-Ring	
12	Kit	2	O-Ring	
13	Kit	1	Ring	
14	Kit	1	Ring	
15	70050371	1	Cartridge	
16	9082960013	2	Bearing	
17	Kit	12	Compression Spring	
18	7118181205	2	Capscrew 1/2 x 1-1/2	
19	7950180800	2	Washer 1/2	
20	7118172050	6	Capscrew 7/16 x 2-1/2	
21	7950170000	6	Washer 7/16	
22	70050370	4	Capscrew 3/8 x 2-1/2	
23	7445040445	3	Adapter	
24	70050400	1	Hose	
25	70050401	1	Tag, Warning (Not Shown)	
26	9082960018	1	Bearing	
27	Kit	1	Seal	
28	9935960026	2	Cartridge	
29	9949960028	1	Thrust Washer	
30	Kit	1	O-Ring	
31	70050372	1	Hose	
32	9443960006	1	Adapter	
33	70050369	2	O-Ring	
34	9796960088	2	O-Ring	
35	9577960139	Ref	Disk and Spring Kit (Includes Items 7, 8 & 17)	
36	9577960120	Ref	Brake Seal Kit (Includes Items 10 to 14)	
37	70050402	Ref	Service Kit (Includes Items 27, 30, 33 & 34)	
		Ref	Drum Assembly	
100	9970960020	1	Drum	
101	9575960012	2	Key, Drum	
102	9280960002	1	Clip	
103	9796960089	1	O-Ring	
104	9831960018	1	Spacer	
105	7110201423	2	Capscrew 5/8 x 1-3/4	
		Ref	Gear End Assembly	
200	9472960056	1	Gear	
201	9177960003	1	Support, Gear End	
202	9949960028	1	Thrust Washer	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
203	9806960021	1	Shaft, Output	
204	9949960027	2	Thrust Washer	
205	9472960052	1	Carrier Assembly, Primary	
206	9472960053	1	Carrier Assembly, Secondary	
207	9330960006	1	Label, Warning (Not Shown)	
208	9796960120	1	O-Ring	
209	9082960018	1	Bearing	
210	9796960121	1	Seal	
211	9472960055	1	Gear, Sun Secondary	
212	9209960025	1	Bushing	
		Ref	Input Shaft Assembly	
300	9806960020	1	Input Shaft	
		Ref	Base Mount Assembly	
400	9073960003	2	Base Mount	
401	7115201850	4	Capscrew 5/8 x 2-1/4	
402	7660200001	12	Nut 5/8	
403	7950200000	12	Washer 5/8	
404	70050147	4	Rivet	
405	70050384	1	Plate, Winch ID	
406	9073960004	2	Base Mount	
407	7115202250	8	Capscrew 5/8 x 2-3/4	
		Ref	Cable Hold Down Assembly	
500	9178960011	1	Mounting Bracket	
501	9020960002	1	Pivot Arm	
502	9064960007	1	Rub Bar	
503	9691960019	1	Pin	
504	9843960023	2	Air Spring	
505	9690960039	2	Cotter Pin	
506	7950180000	2	Washer 1/2	
507	7115181650	2	Capscrew 1/2 x 1	
508	9949960012	2	Thrust Washer	
509	7660200200	4	Nut 5/8	
510	9120960063	2	Capscrew 5/16 x 1	
511	9912960010	3	Tubing	
512	7443000205	3	Adapter	
513	7443000204	1	Adapter	
514	9949960050	2	Washer 5/16	
515	9831960009	1	Spacer	
516	9120960019	1	Anchor Bolt	
517	7950200151	2	Washer 5/8	
518	7660200001	1	Nut 5/8	
		Ref	Gear End Cover Assembly	
600	9314960022	1	Cover, Gear End	
601	9698960016	1	Piston	
602	9698960015	1	Cylinder, Piston	
603	9309960011	1	Coupling	
604	9754960026	1	Retainer Ring	
605	9796960120	1	O-Ring	
606	9209960026	1	Bushing	
607	9754960046	1	Retainer Ring	
608	9754960047	1	Retainer Ring	

SECTION 3 - UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
609	9843960032	1	Spring	
610	9949960028	1	Thrust Washer	
611	9796960119	2	O-Ring	
612	9796960118	1	O-Ring	
613	9701960011	1	Plug	
614	9701960012	1	Plug	
615	9701960018	1	Plug (Not Shown)	
616	9183960001	1	Vent	
617	7118165250	12	Capscrew 3/8 x 6-1/2	
618	7950160000	12	Washer 3/8	
619	9472960054	1	Gear, 15 Teeth	

FIGURE 3-32. CABLE INSTALLATION - 0.63IN X 250FT WITH SWIVELHOOK (UNDERLIFT)

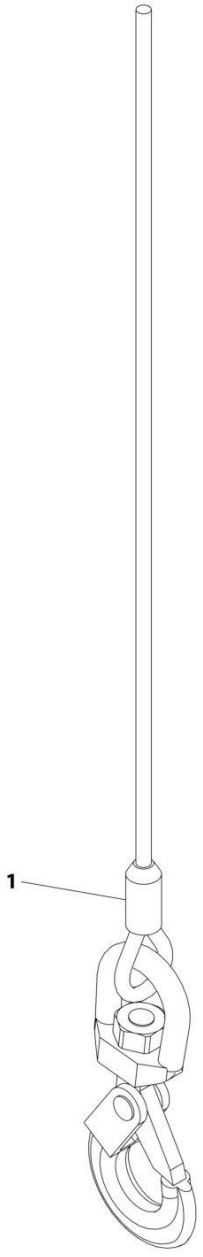


ART_1001209015

FIGURE 3-32. CABLE INSTALLATION - 0.63IN X 250FT WITH SWIVELHOOK (UNDERLIFT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209015	Ref	CABLE INSTALLATION - 0.63IN X 250FT WITH SWIVEL HOOK	A
1	7248000079	1	Cable Assembly	

FIGURE 3-33. CABLE INSTALLATION - 0.75IN X 200FT WITH SWIVELHOOK (UNDERLIFT)



ART_1001209025

FIGURE 3-33. CABLE INSTALLATION - 0.75IN X 200FT WITH SWIVELHOOK (UNDERLIFT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209025	Ref	CABLE INSTALLATION - 0.75IN X 200FT WITH SWIVEL HOOK	A
1	7248000080	1	Cable Assembly	

FIGURE 3-34. GRID INSTALLATION - TIRE LIFT (25000LBS)

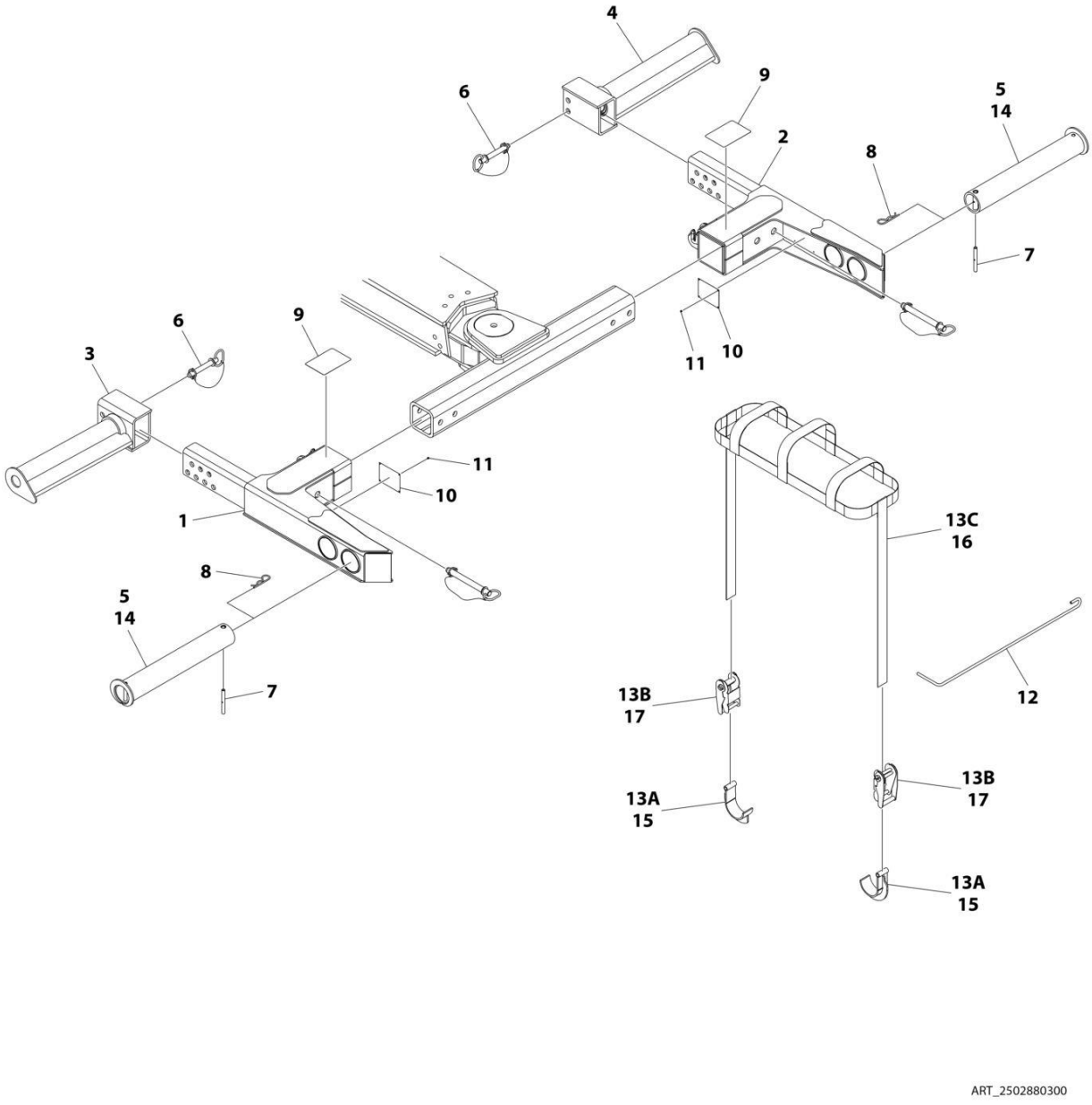


FIGURE 3-34. GRID INSTALLATION - TIRE LIFT (25000LBS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502880300	Ref	Underlift Tools - 25,000 lbs Tire Lift	D
1	3484000072	1	Tire Lift Grid - LH	
2	3484000073	1	Tire Lift Grid - RH	
3	3020000119	1	Tire Lift Arm Weldment - LH	
4	3020000120	1	Tire Lift Arm Weldment - RH	
5	3912000033	2	Tire Lift Tube Weldment - 27.5” Long	
6	7691000026	2	Hitch Pin	
7	4691000274	4	Pin	
8	7691000020	4	Hairpin	
9	7330000278	2	Decal	
10	1001132265	2	Decal	
11	7759000004	8	Rivet	
12	4561000012	1	Hook, Pull	
13	7577000368	1	Strap Kit	
13A	3561000015	4	Hook, 3” Wide Strap	
13B	7894000060	2	Ratchet, 3” Wide Strap	
13C	7894000057	1	Strap, 3” Wide	
14	3912000038	2	Tire Lift Tube Weldment - 23” Long	
15	3561000008	4	Hook, 2” Wide Strap	
16	7894000037	2	Strap, 2” Wide	
17	7894000028	4	Ratchet, 2” Wide Strap	
18	7894000041	2	Tie-Strap (Not Shown)	

SECTION 4 - BODY

FIGURE 4-1. BATTERY COVER INSTALLATION (38IN)

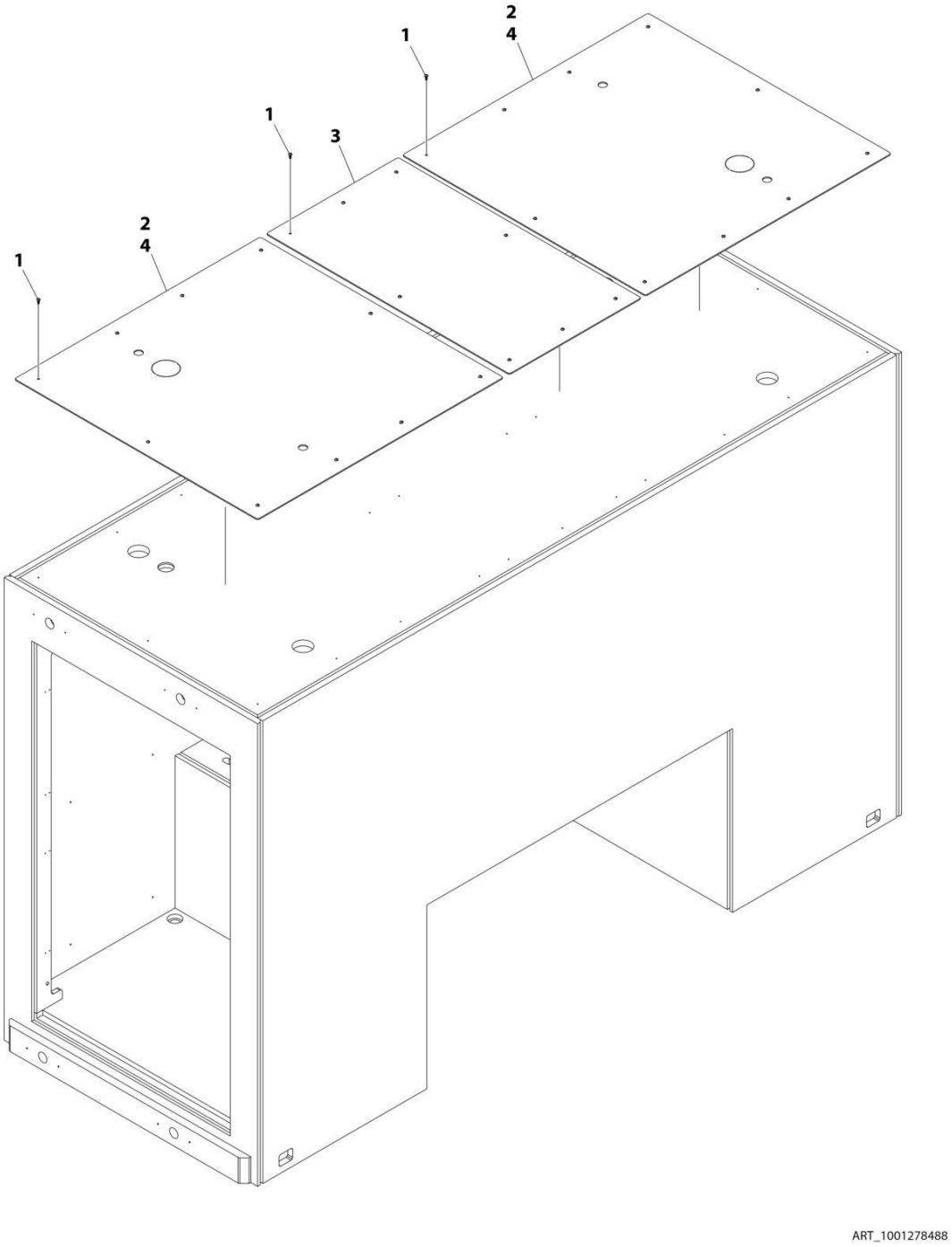


FIGURE 4-1. BATTERY COVER INSTALLATION (38IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278488	Ref	BATTERY COVER INSTALLATION (38IN)	A
1	1001192958	28	Screw #10 x 1/2	
2	1001278517	2	Plate	
3	1001278518	1	Plate	
4	8798820001	AR	Sealant	

FIGURE 4-2. BATTERY COVER INSTALLATION (50IN)

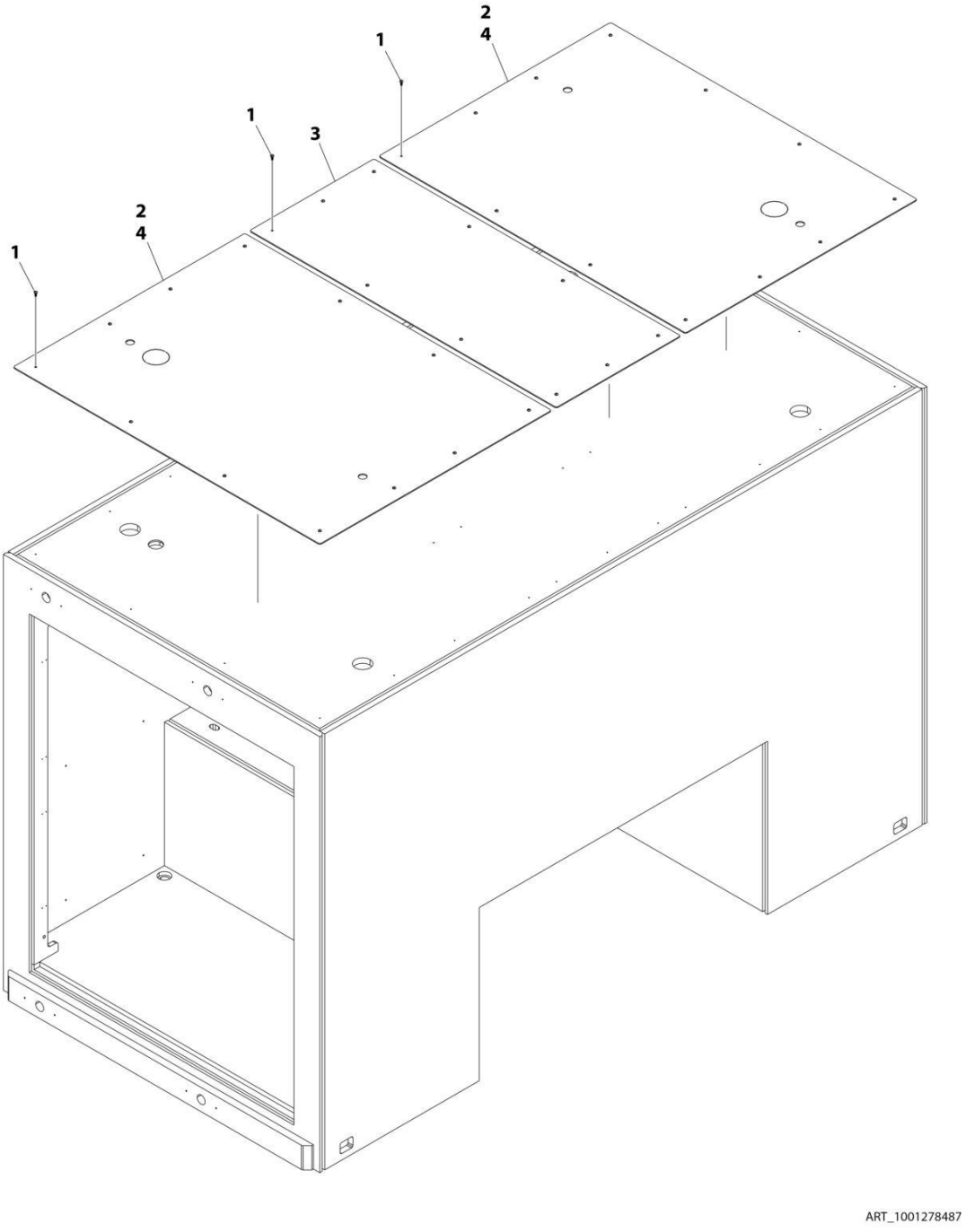


FIGURE 4-2. BATTERY COVER INSTALLATION (50IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278487	Ref	BATTERY COVER INSTALLATION (50IN)	A
1	1001192958	34	Screw #10 x 1/2	
2	1001274386	2	Plate	
3	1001274387	1	Plate	
4	8798820001	AR	Sealant	

FIGURE 4-3. BATTERY COVER INSTALLATION (76IN)

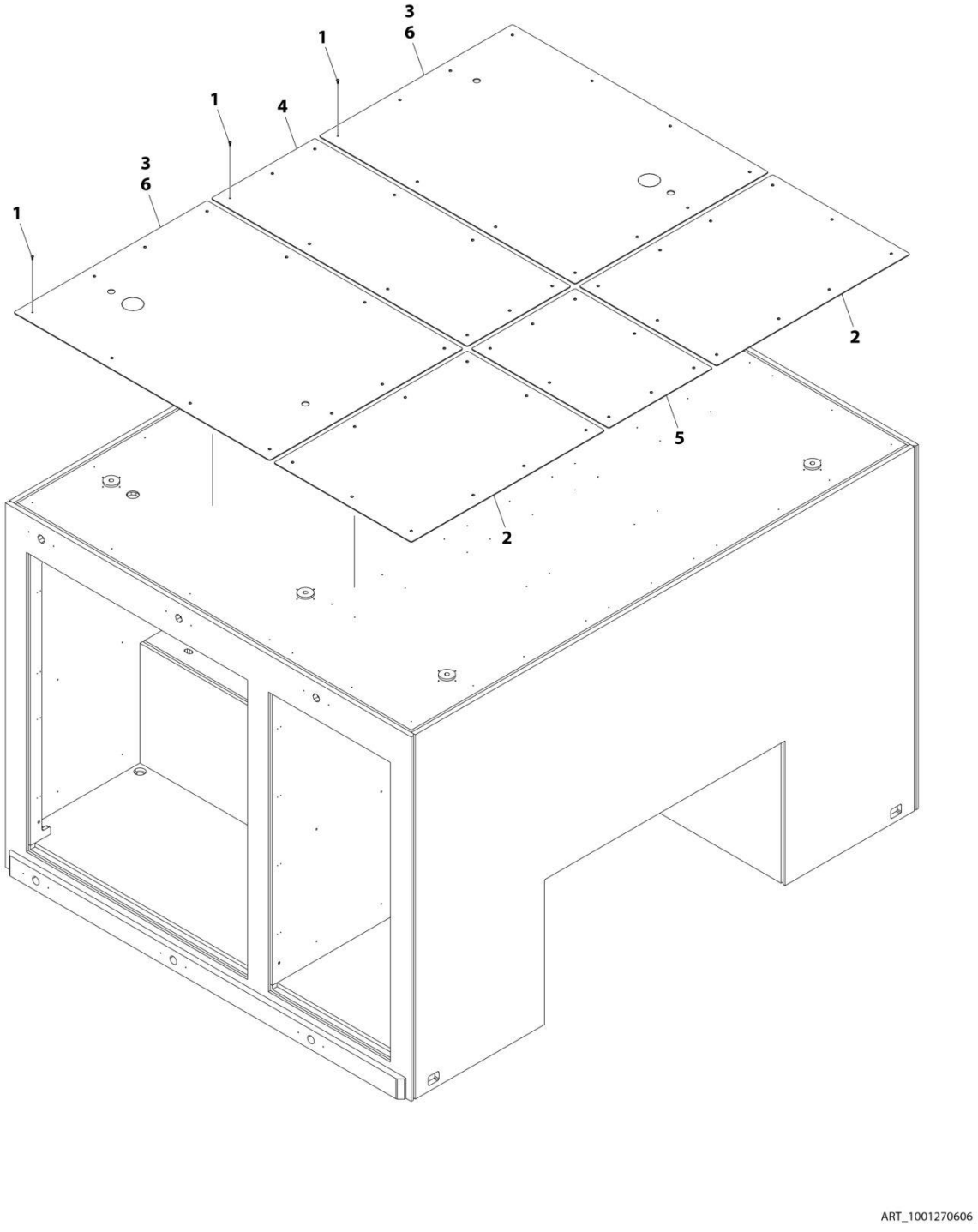


FIGURE 4-3. BATTERY COVER INSTALLATION (76IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270606	Ref	BATTERY COVER INSTALLATION (76IN)	A
1	1001192958	62	Screw #10 x 1/2	
2	1001270607	2	Plate	
3	1001274386	2	Plate	
4	1001274387	1	Plate	
5	1001274388	1	Plate	
6	8798820001	AR	Sealant	

FIGURE 4-4. BATTERY COVER INSTALLATION (88IN)

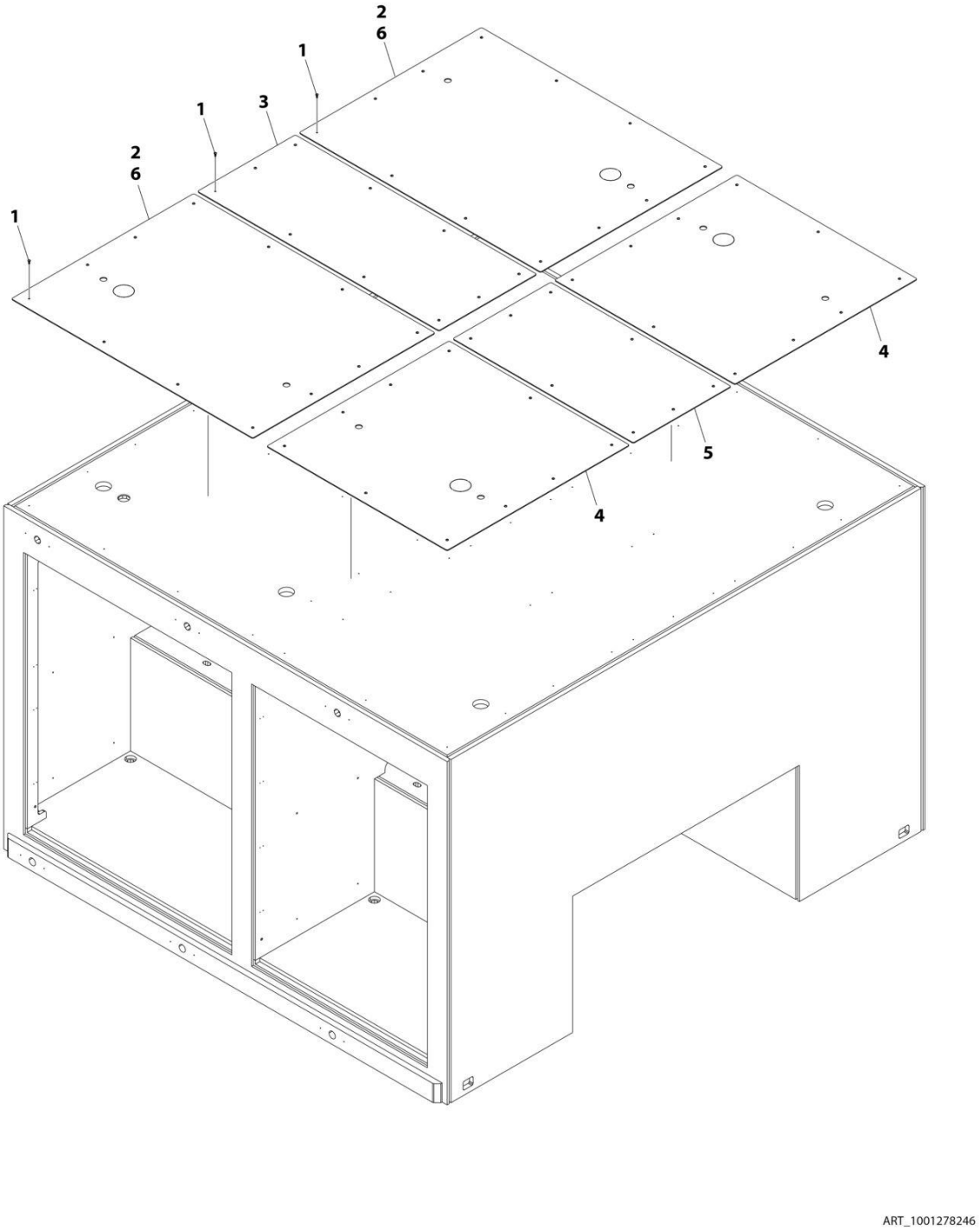


FIGURE 4-4. BATTERY COVER INSTALLATION (88IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278246	Ref	BATTERY COVER INSTALLATION (88IN)	A
1	1001192958	62	Screw #10 x 1/2	
2	1001274386	2	Plate	
3	1001274387	1	Plate	
4	1001278517	2	Plate	
5	1001278518	1	Plate	
6	8798820001	AR	Sealant	

FIGURE 4-5. BODY INSTALLATION - TANDEM

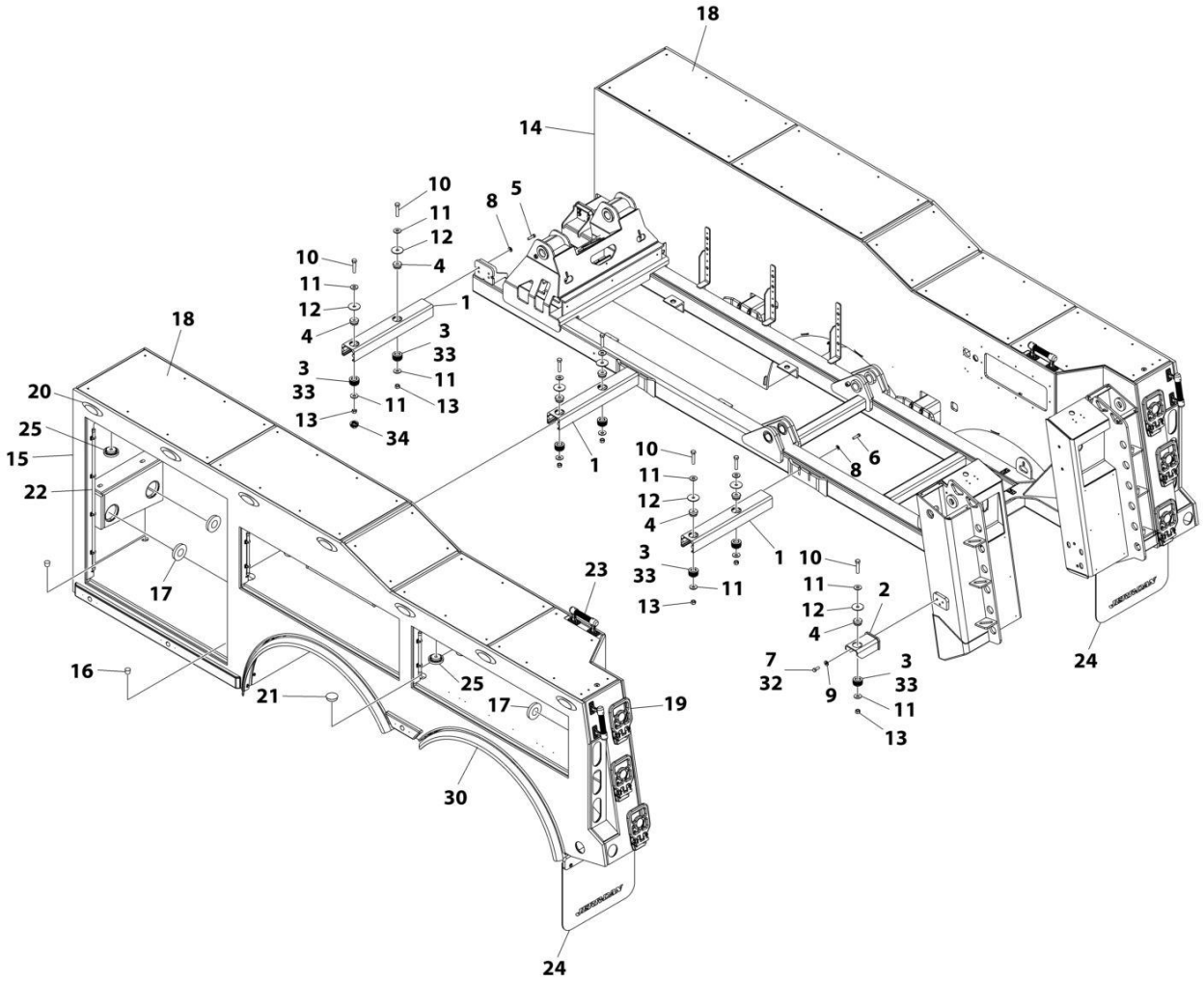


FIGURE 4-5. BODY INSTALLATION - TANDEM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291322	Ref	BODY INSTALLATION - TANDEM	A
1	1001250864	6	Bracket	
2	1001250876	2	Bracket	
3	1001250863	14	Mount	
4	1001250873	14	Mount	
5	0641712	8	Bolt 7/16 x 1-1/2	
6	0641714	16	Bolt 7/16 x 1-3/4	
7	0641810	6	Bolt 1/2 x 1-1/4	
8	1001250875	24	Washer	
9	4891800	6	Washer 1/2	
10	0642024	14	Bolt 5/8 x 3	
11	4752000	28	Washer 5/8	
12	7949000019	14	Washer	
13	7660200001	14	Nut 5/8	
14	1001262814	1	Box, Passenger Side	
15	1001262815	1	Box, Driver Side	
16	1001173847	11	Plug	
17	1120601	6	Cap	
18	1001289244	1	Body Diamond Plate Installation (See Separate Breakdown in this Section)	
19	1001289265	1	Steps Installation (See Separate Breakdown in this Section)	
20	1001289474	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
21	7701000003	8	Plug	
22	1001196522	1	Body Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
23	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
24	1001196790	1	Mudflaps Installation (See Separate Breakdown in this Section)	
25	1001196802	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
30	1001289392	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
32	0100011	AR	Compound, Locking	
33	3020039	AR	Lubricant	
34	1001254393	1	Nut	

FIGURE 4-6. BODY INSTALLATION - TRI-AXLE

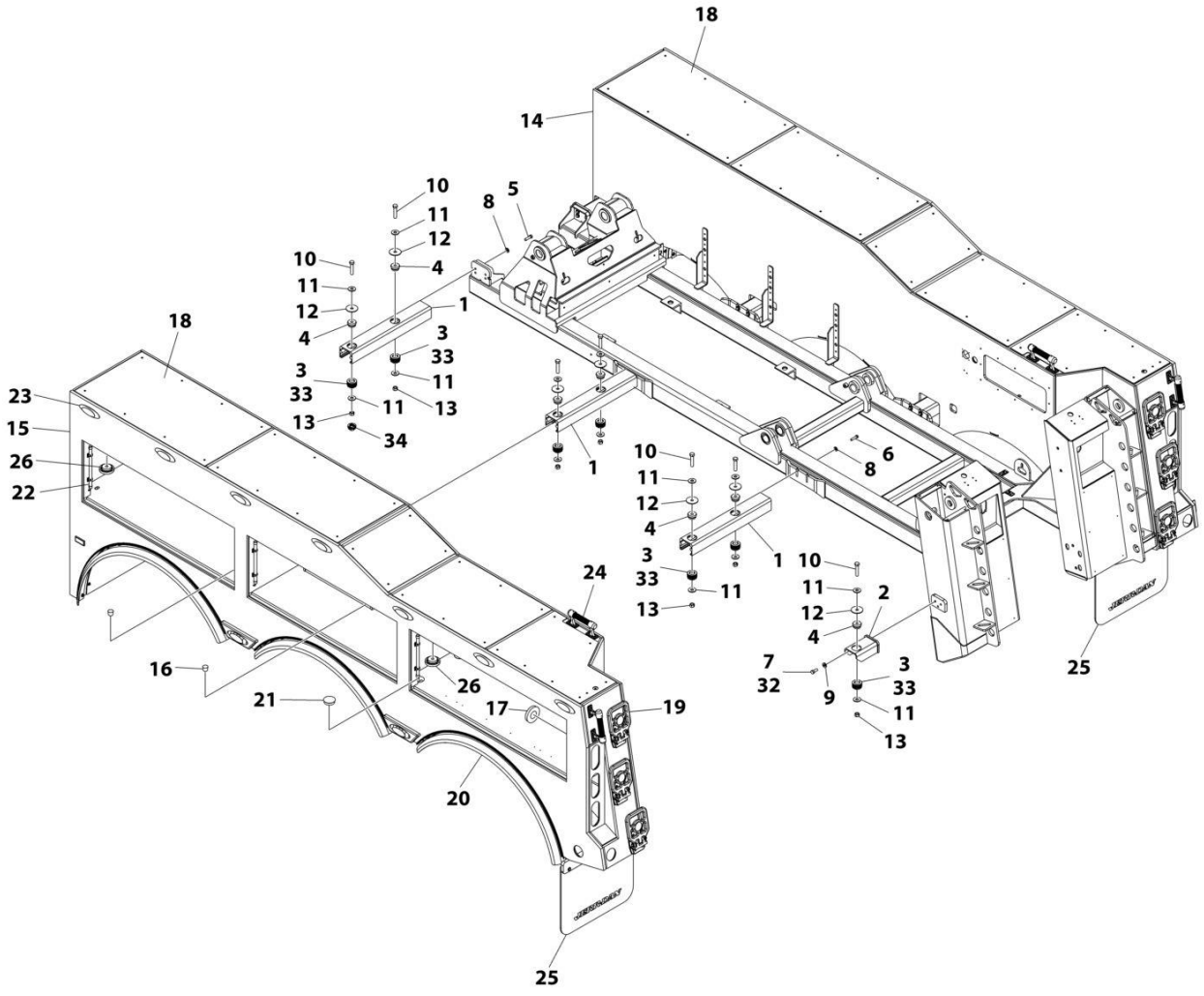


FIGURE 4-6. BODY INSTALLATION - TRI-AXLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291323	Ref	BODY INSTALLATION - TRI-AXLE	B
1	1001250864	6	Bracket	
2	1001250876	2	Bracket	
3	1001250863	14	Mount	
4	1001250873	14	Mount	
5	0641712	8	Bolt 7/16 x 1-1/2	
6	0641714	16	Bolt 7/16 x 1-3/4	
7	0641810	6	Bolt 1/2 x 1-1/4	
8	1001250875	24	Washer	
9	4891800	6	Washer 1/2	
10	0642024	14	Bolt 5/8 x 3	
11	4752000	28	Washer 5/8	
12	7949000019	14	Washer	
13	7660200001	14	Nut 5/8	
14	1001262818	1	Box, Passenger Side	
15	1001262819	1	Box, Driver Side	
16	1001173847	9	Plug	
17	1120601	2	Cap	
18	1001289244	1	Body Diamond Plate Installation (See Separate Breakdown in this Section)	
19	1001289265	1	Steps Installation (See Separate Breakdown in this Section)	
20	1001289596	1	Fender Flare Plate Installation (See Separate Breakdown in this Section)	
21	7701000003	8	Plug	
22	1001196523	1	Body Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
23	1001196594	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
24	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
25	1001196790	1	Mudflaps Installation (See Separate Breakdown in this Section)	
26	1001196802	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
32	0100011	AR	Compound, Locking	
33	3020039	AR	Lubricant	
34	1001254393	1	Nut	

FIGURE 4-7. COVER PLATE INSTALLATION - SRS

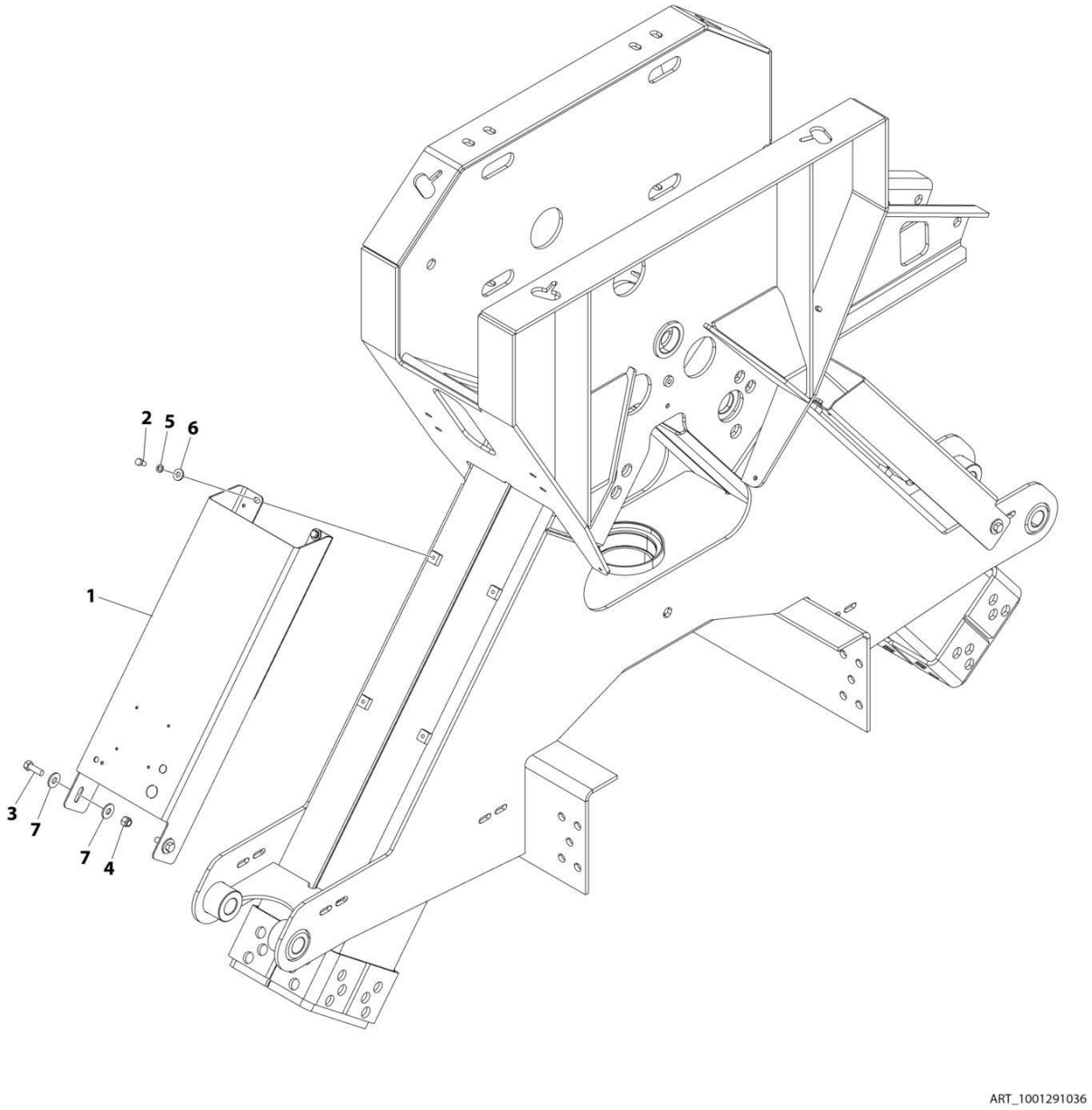


FIGURE 4-7. COVER PLATE INSTALLATION - SRS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291036	Ref	COVER PLATE INSTALLATION	A
1	1001291038	2	Panel	
2	7115160650	4	Bolt 3/8 x 3/4	
3	7115181250	4	Bolt 1/2 x 1-1/2	
4	7660182601	4	Nut 1/2	
5	7950160000	4	Washer 3/8	
6	7950160161	4	Washer 3/8	
7	7950180161	8	Washer 1/2	

FIGURE 4-8. DIAMOND PLATE INSTALLATION

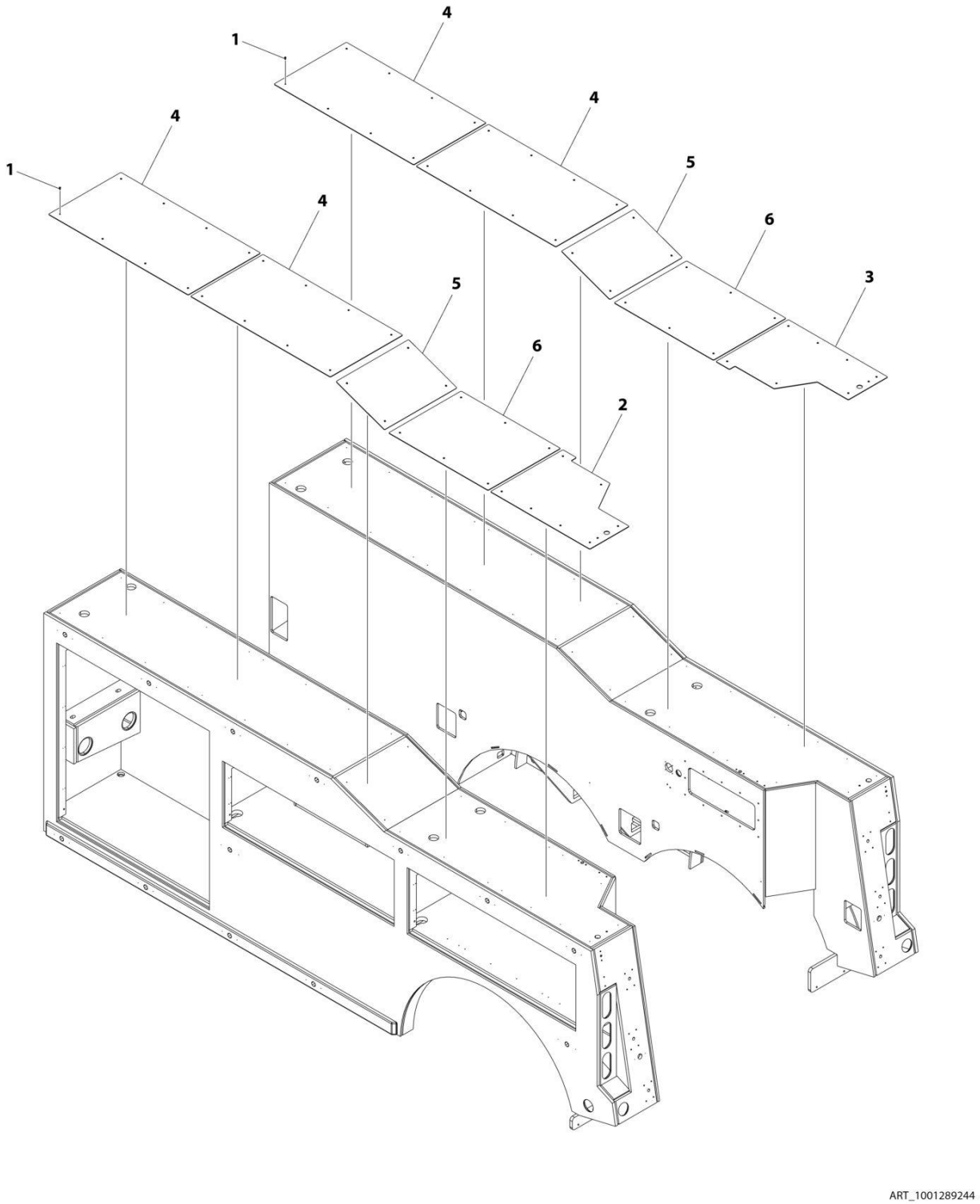


FIGURE 4-8. DIAMOND PLATE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289244	Ref	DIAMOND PLATE INSTALLATION	A
1	1001192958	66	Screw #10 x 1/2	
2	1001287544	1	Plate	
3	1001287545	1	Plate	
4	1001287547	4	Plate	
5	1001287549	2	Plate	
6	1001287550	2	Plate	
7	8798820001	AR	Sealant (Not Shown)	

FIGURE 4-9. DIAMOND PLATE INSTALLATION - REAR

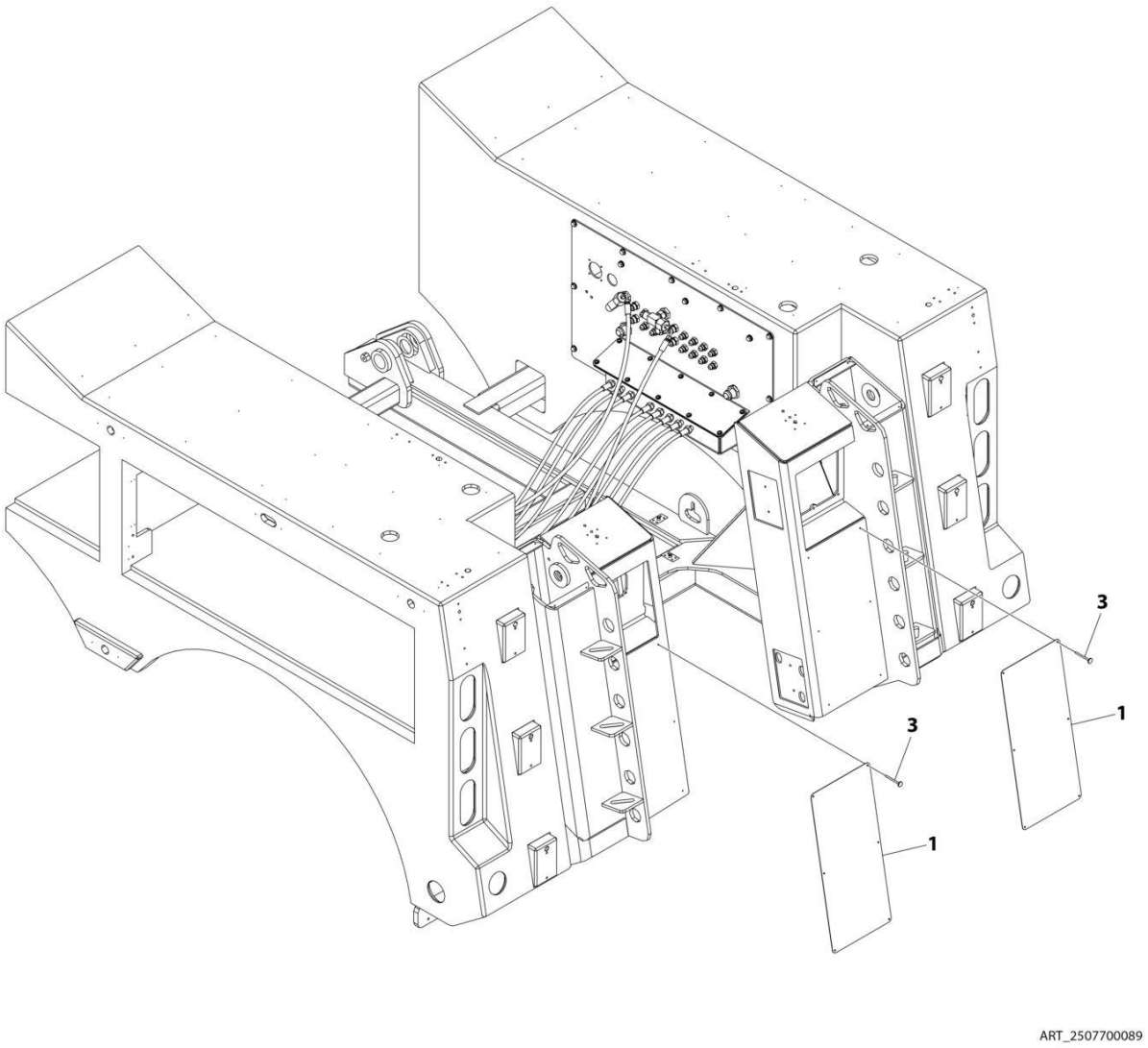


FIGURE 4-9. DIAMOND PLATE INSTALLATION - REAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2507700089	Ref	DIAMOND PLATE INSTALLATION - REAR	A
1	4706005772	2	Plate	
3	7759000018	12	Rivet	

FIGURE 4-10. DIAMOND PLATE INSTALLATION - FRONT TUNNEL

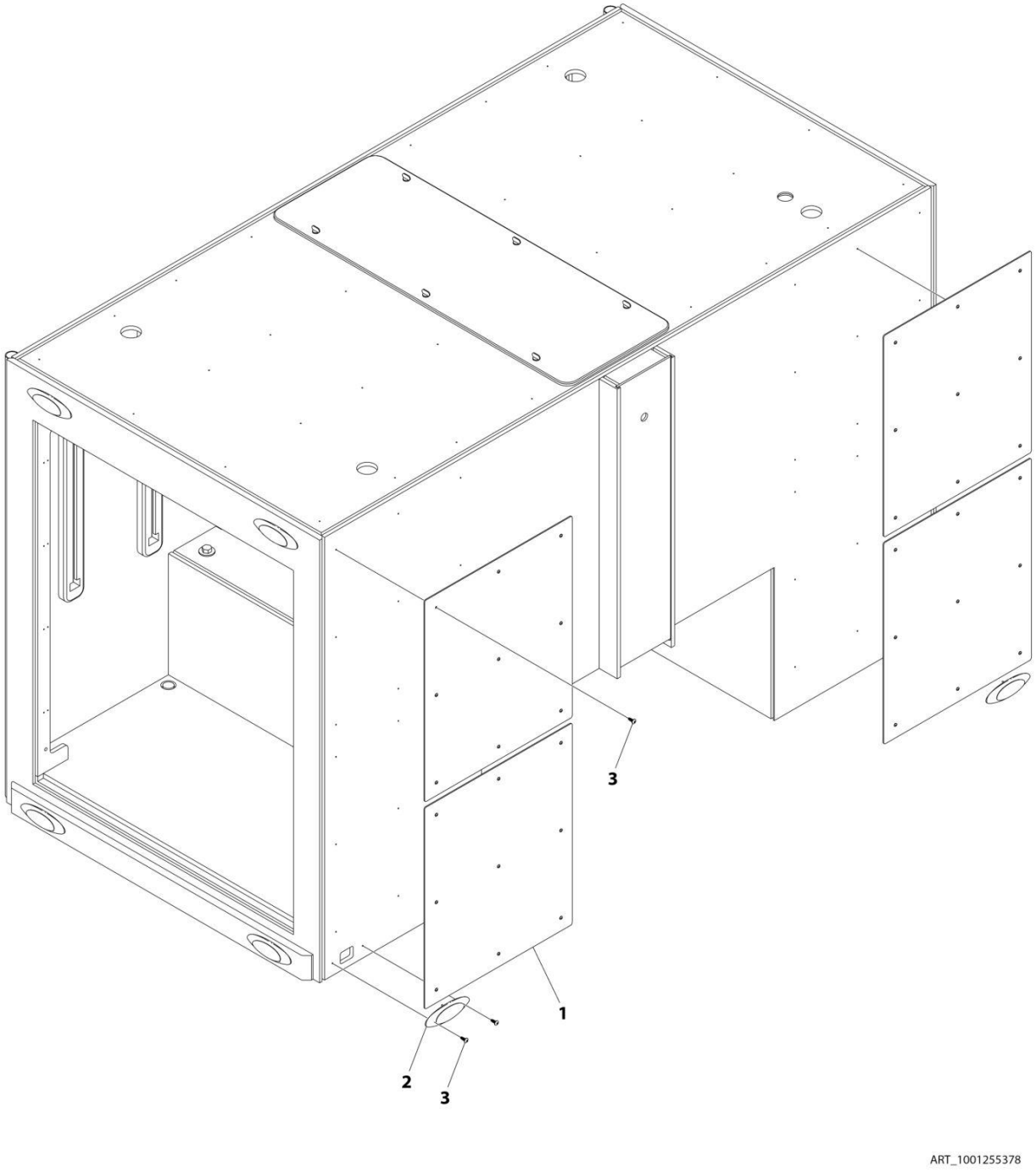


FIGURE 4-10. DIAMOND PLATE INSTALLATION - FRONT TUNNEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255378	Ref	DIAMOND PLATE INSTALLATION WITH MARKER (FRONT OF TUNNEL)	A
1	1001253745	4	Plate	
2	7590000358	2	Light	
3	1001192958	40	Screw #10 x 1/2	

FIGURE 4-11. DIAMOND PLATE INSTALLATION - SRS

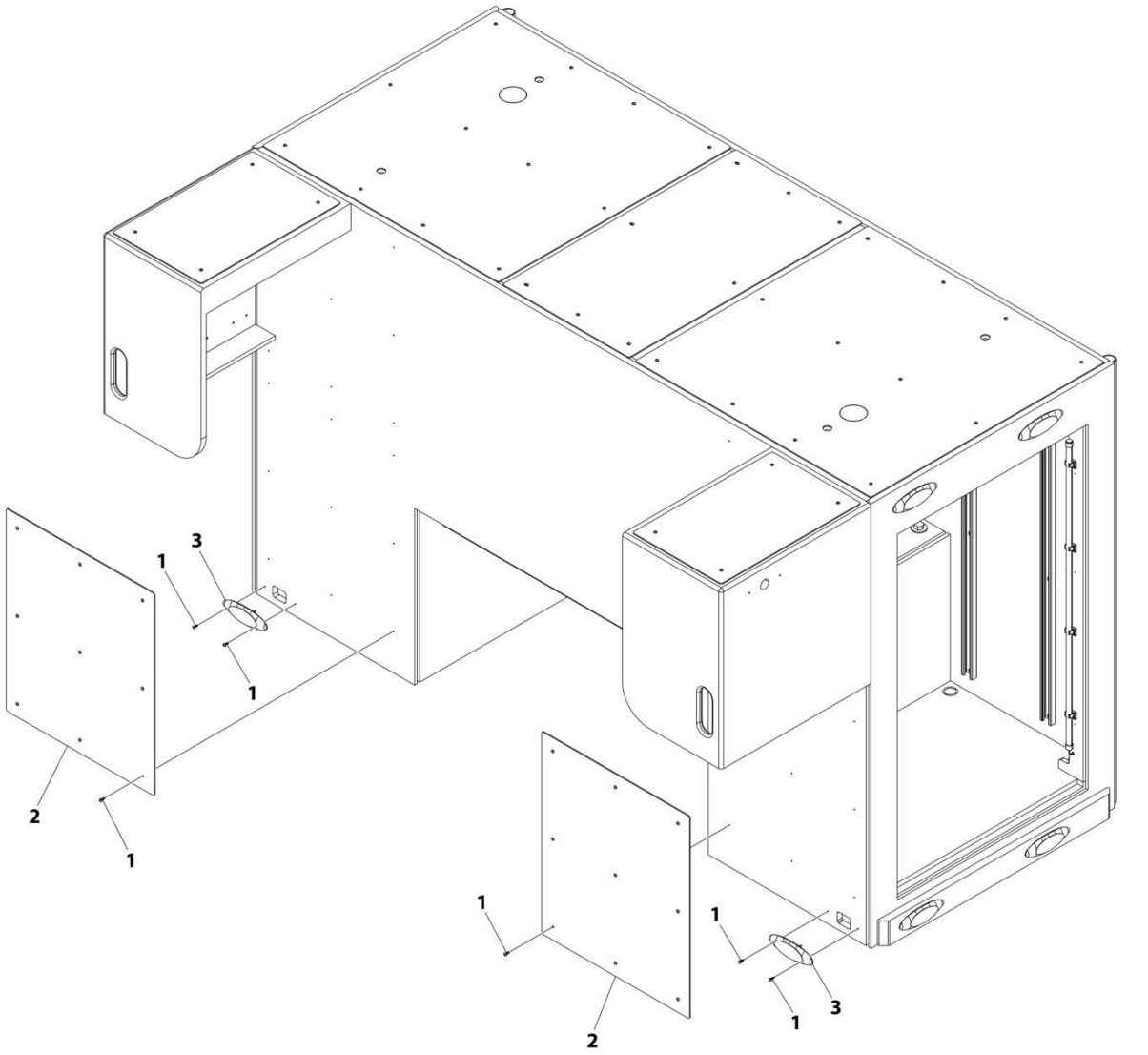


FIGURE 4-11. DIAMOND PLATE INSTALLATION - SRS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001292051	Ref	DIAMOND PLATE INSTALLATION WITH MARKER	A
1	1001192958	22	Screw #10 x 1/2	
2	1001253745	2	Plate	
3	7590000358	2	Light	

FIGURE 4-12. DOOR INSTALLATION WITH TUNNEL 38IN (PAINTED DOOR)

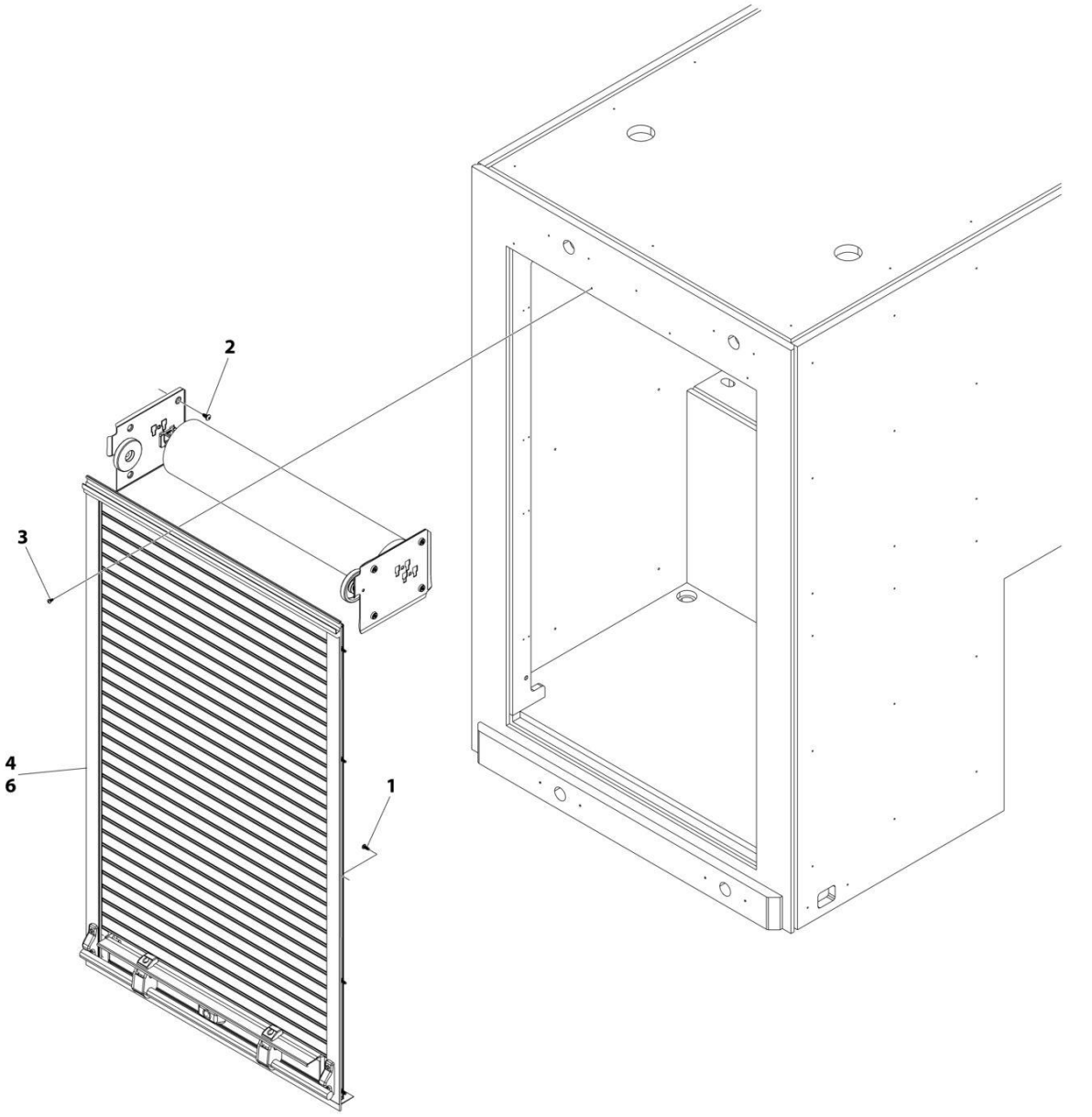


FIGURE 4-12. DOOR INSTALLATION WITH TUNNEL 38IN (PAINTED DOOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274633	Ref	DOOR INSTALLATION WITH TUNNEL 38IN (PAINTED DOOR)	A
1	1001192958	20	Screw #10 x 1/2	
2	1001195257	16	Screw 1/4 x 1/2	
3	1001198602	8	Screw #8 x 3/8	
4	1001278917	2	Door	
5	7796000012	2 ft	Seal (Not Shown)	
6	8798820001	AR	Sealant	
7	8892040001	AR	Tape (Not Shown)	

FIGURE 4-13. DOOR INSTALLATION WITH TUNNEL 38IN (PAINTED DOOR AND FRAME)

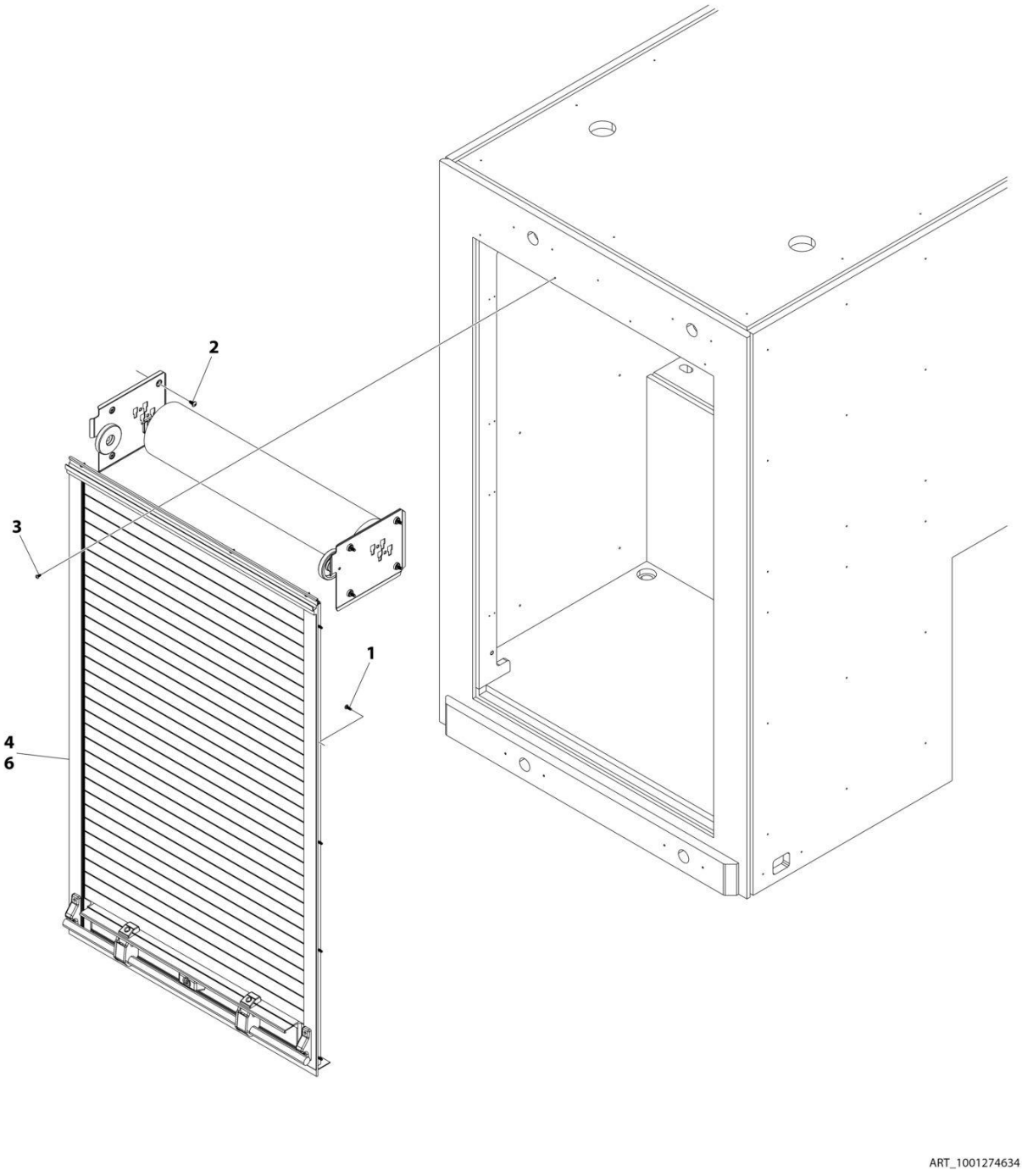


FIGURE 4-13. DOOR INSTALLATION WITH TUNNEL 38IN (PAINTED DOOR AND FRAME)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274634	Ref	DOOR INSTALLATION WITH TUNNEL 38IN (PAINTED DOOR AND FRAME)	A
1	1001192958	20	Screw #10 x 1/2	
2	1001195257	16	Screw 1/4 x 1/2	
3	1001198602	8	Screw #8 x 3/8	
4	1001278918	2	Door	
5	7796000012	2 ft	Seal (Not Shown)	
6	8798820001	AR	Sealant	
7	8892040001	AR	Tape (Not Shown)	

FIGURE 4-14. DOOR INSTALLATION WITH TUNNEL 50IN (PAINTED DOOR)

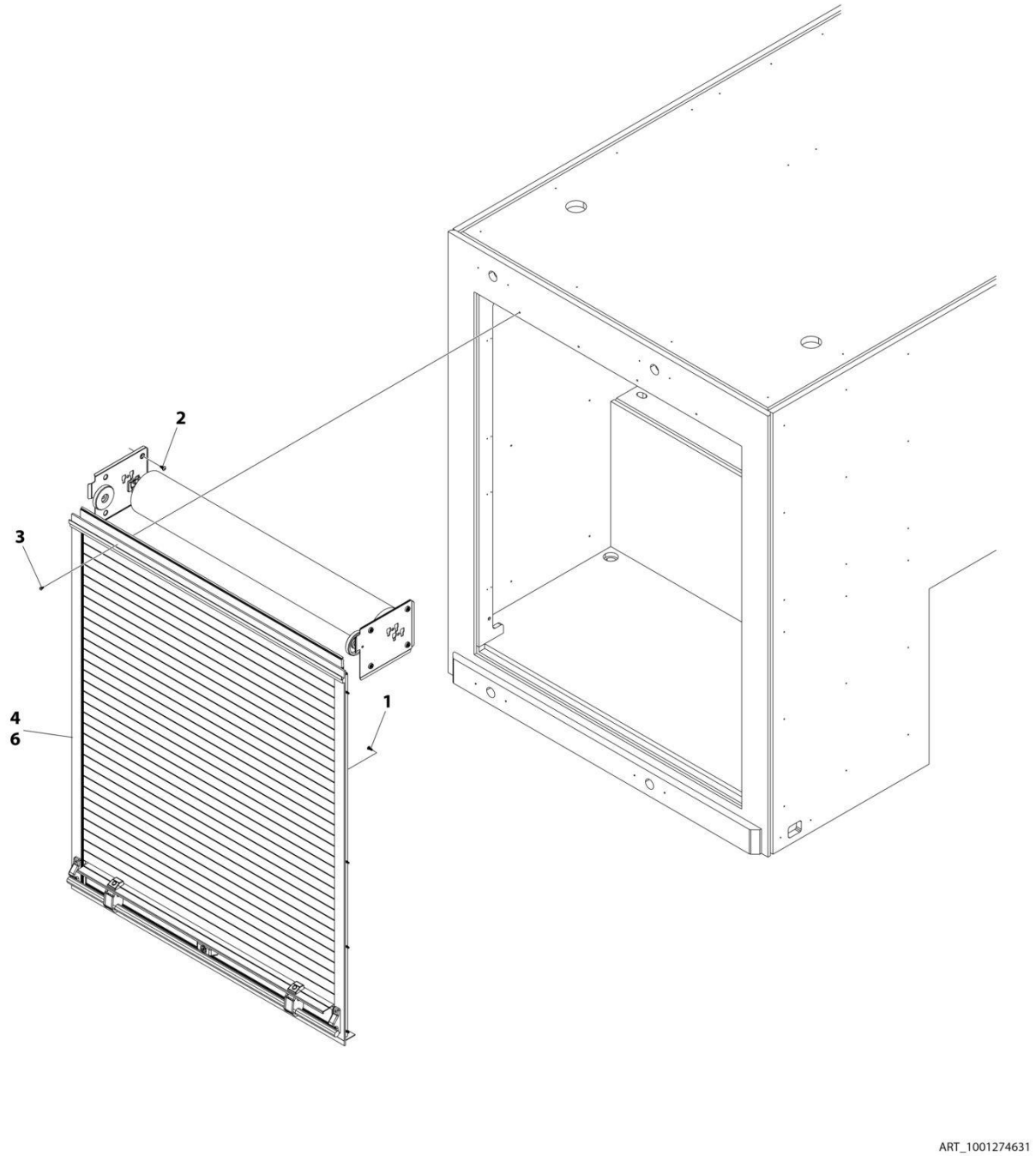


FIGURE 4-14. DOOR INSTALLATION WITH TUNNEL 50IN (PAINTED DOOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274631	Ref	DOOR INSTALLATION WITH TUNNEL 50IN (PAINTED DOOR)	A
1	1001192958	20	Screw #10 x 1/2	
2	1001195257	16	Screw 1/4 x 1/2	
3	1001198602	8	Screw #8 x 3/8	
4	1001274449	2	Door	
5	7796000012	2 ft	Seal (Not Shown)	
6	8798820001	AR	Sealant	
7	8892040001	AR	Tape (Not Shown)	

FIGURE 4-15. DOOR INSTALLATION WITH TUNNEL 50IN (PAINTED DOOR AND FRAME)

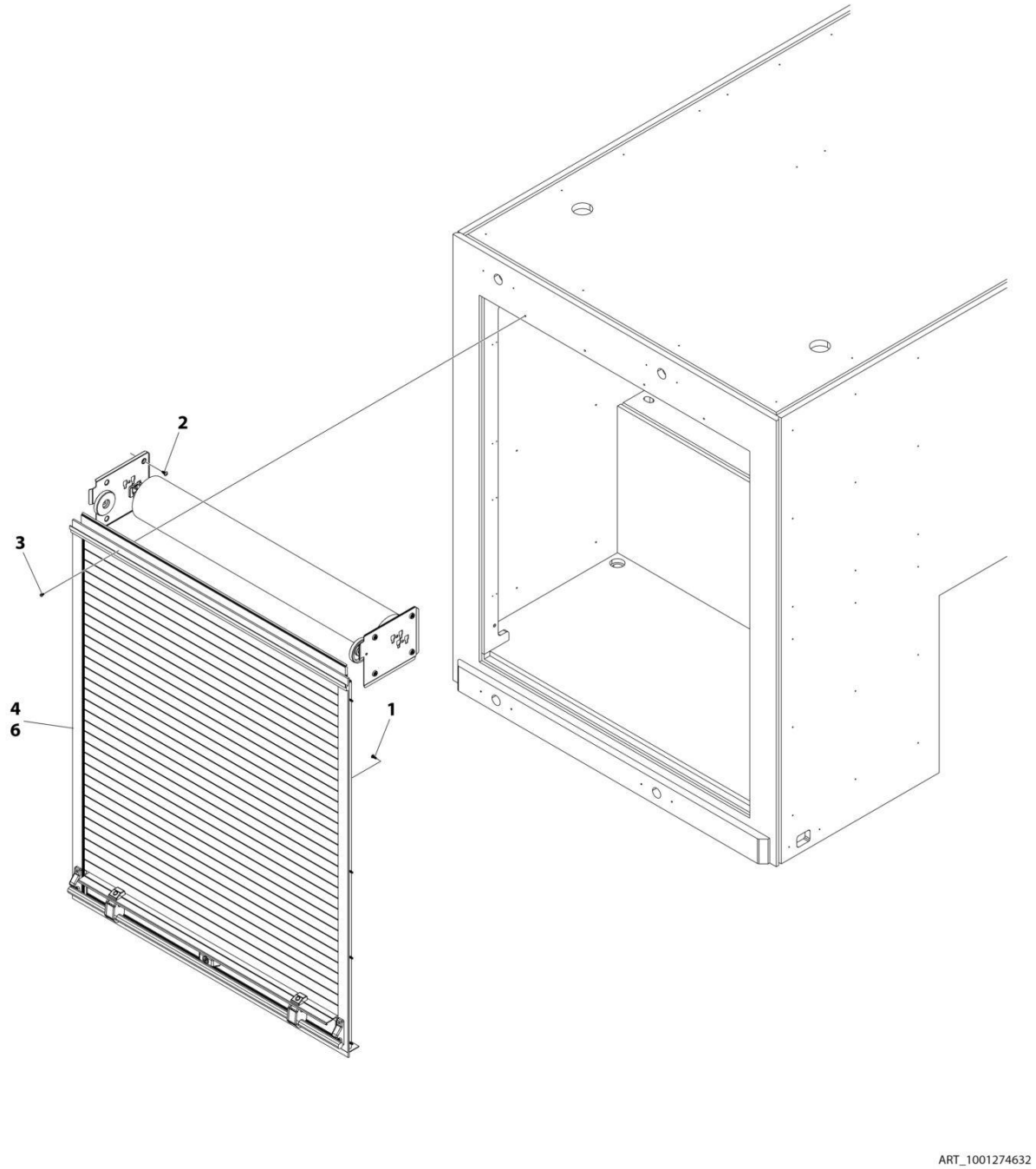


FIGURE 4-15. DOOR INSTALLATION WITH TUNNEL 50IN (PAINTED DOOR AND FRAME)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274632	Ref	DOOR INSTALLATION WITH TUNNEL 50IN (PAINTED DOOR AND FRAME)	A
1	1001192958	20	Screw #10 x 1/2	
2	1001195257	16	Screw 1/4 x 1/2	
3	1001198602	8	Screw #8 x 3/8	
4	1001274450	2	Door	
5	7796000012	2 ft	Seal (Not Shown)	
6	8798820001	AR	Sealant	
7	8892040001	AR	Tape (Not Shown)	

FIGURE 4-16. DOOR INSTALLATION WITH TUNNEL 76IN (PAINTED DOOR)

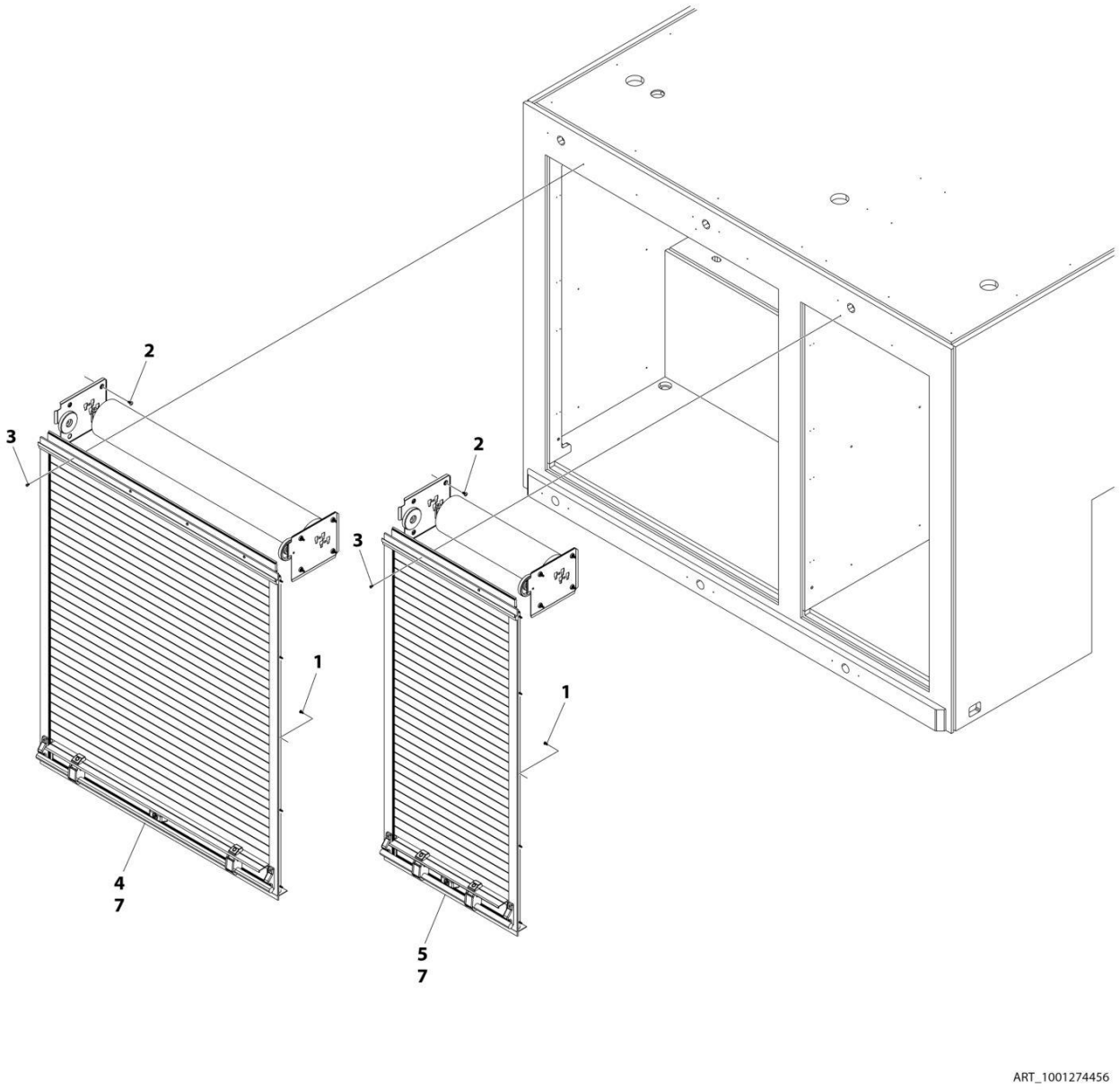


FIGURE 4-16. DOOR INSTALLATION WITH TUNNEL 76IN (PAINTED DOOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274456	Ref	DOOR INSTALLATION WITH TUNNEL 76IN (PAINTED DOOR)	A
1	1001192958	40	Screw #10 x 1/2	
2	1001195257	32	Screw 1/4 x 1/2	
3	1001198602	12	Screw #8 x 3/8	
4	1001274449	2	Door	
5	1001274451	2	Door	
6	7796000012	4 ft	Seal (Not Shown)	
7	8798820001	AR	Sealant	
8	8892040001	AR	Tape (Not Shown)	

FIGURE 4-17. DOOR INSTALLATION WITH TUNNEL 76IN (PAINTED DOOR AND FRAME)

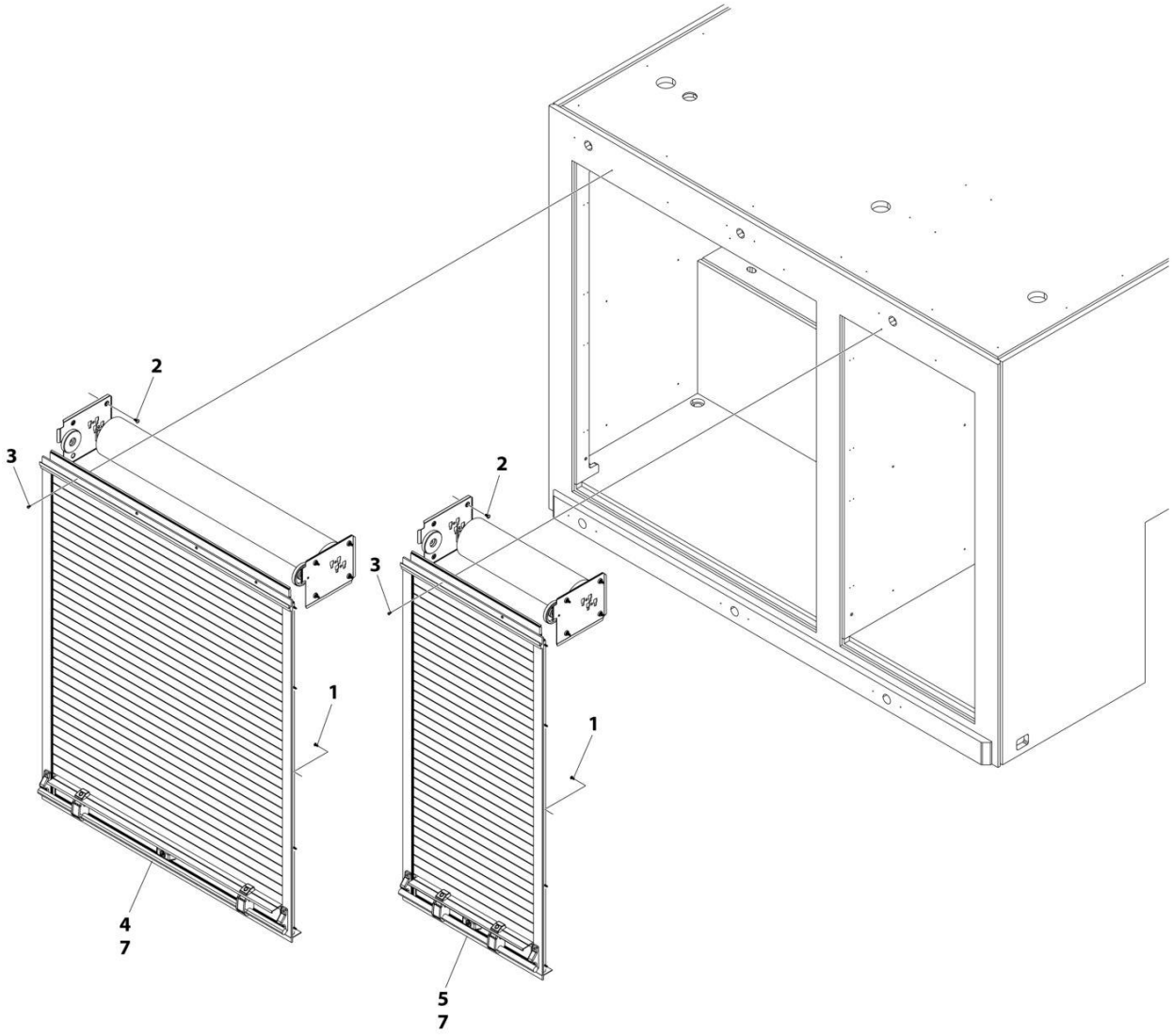


FIGURE 4-17. DOOR INSTALLATION WITH TUNNEL 76IN (PAINTED DOOR AND FRAME)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274457	Ref	DOOR INSTALLATION WITH TUNNEL 76IN (PAINTED DOOR AND FRAME)	A
1	1001192958	40	Screw #10 x 1/2	
2	1001195257	32	Screw 1/4 x 1/2	
3	1001198602	12	Screw #8 x 3/8	
4	1001274450	2	Door	
5	1001274452	2	Door	
6	7796000012	4 ft	Seal (Not Shown)	
7	8798820001	AR	Sealant	
8	8892040001	AR	Tape (Not Shown)	

FIGURE 4-18. DOOR INSTALLATION WITH TUNNEL 88IN (PAINTED DOOR)

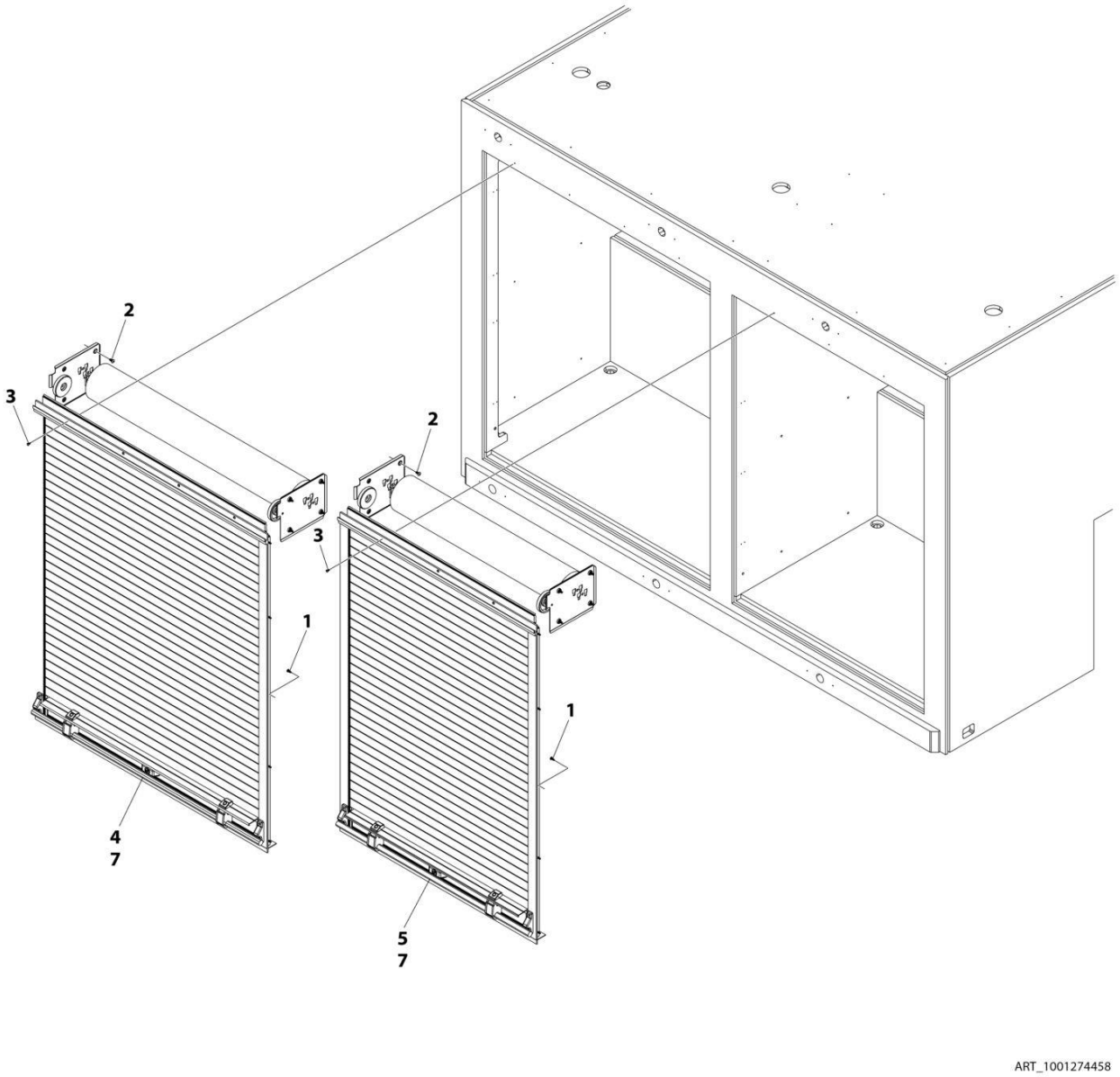


FIGURE 4-18. DOOR INSTALLATION WITH TUNNEL 88IN (PAINTED DOOR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274458	Ref	DOOR INSTALLATION WITH TUNNEL 88IN (PAINTED DOOR)	A
1	1001192958	40	Screw #10 x 1/2	
2	1001195257	32	Screw 1/4 x 1/2	
3	1001198602	14	Screw #8 x 3/8	
4	1001274449	2	Door	
5	1001274453	2	Door	
6	7796000012	4 ft	Seal (Not Shown)	
7	8798820001	AR	Sealant	
8	8892040001	AR	Tape (Not Shown)	

FIGURE 4-19. DOOR INSTALLATION WITH TUNNEL 88IN (PAINTED DOOR AND FRAME)

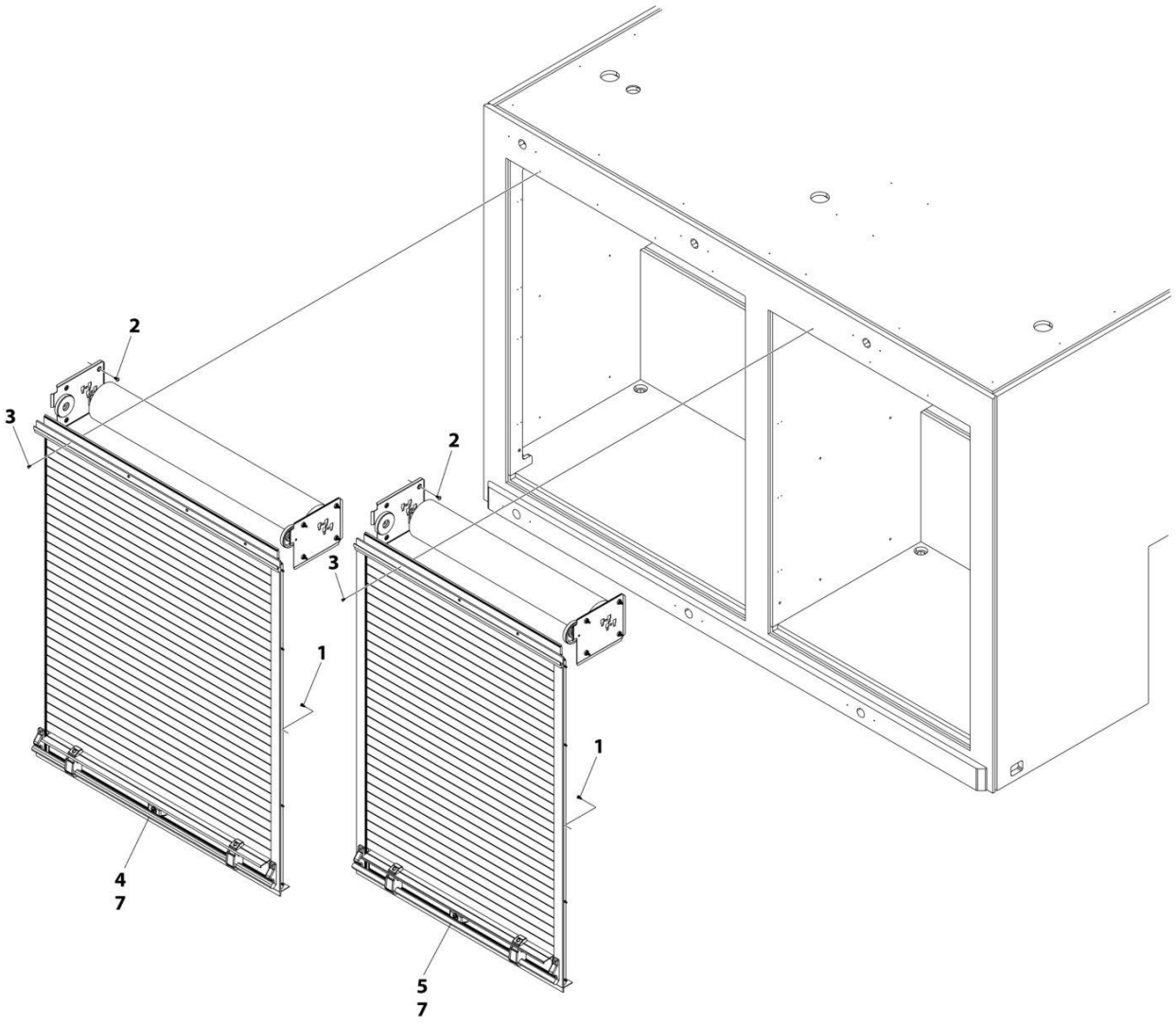


FIGURE 4-19. DOOR INSTALLATION WITH TUNNEL 88IN (PAINTED DOOR AND FRAME)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274459	Ref	DOOR INSTALLATION WITH TUNNEL 88IN (PAINTED DOOR AND FRAME)	A
1	1001192958	40	Screw #10 x 1/2	
2	1001195257	32	Screw 1/4 x 1/2	
3	1001198602	14	Screw #8 x 3/8	
4	1001274450	2	Door	
5	1001274454	2	Door	
6	7796000012	4 ft	Seal (Not Shown)	
7	8798820001	AR	Sealant	
8	8892040001	AR	Tape (Not Shown)	

FIGURE 4-20. DOORS INSTALLATION - REAR TANDEM BODY (PAINTED DOORS ONLY)

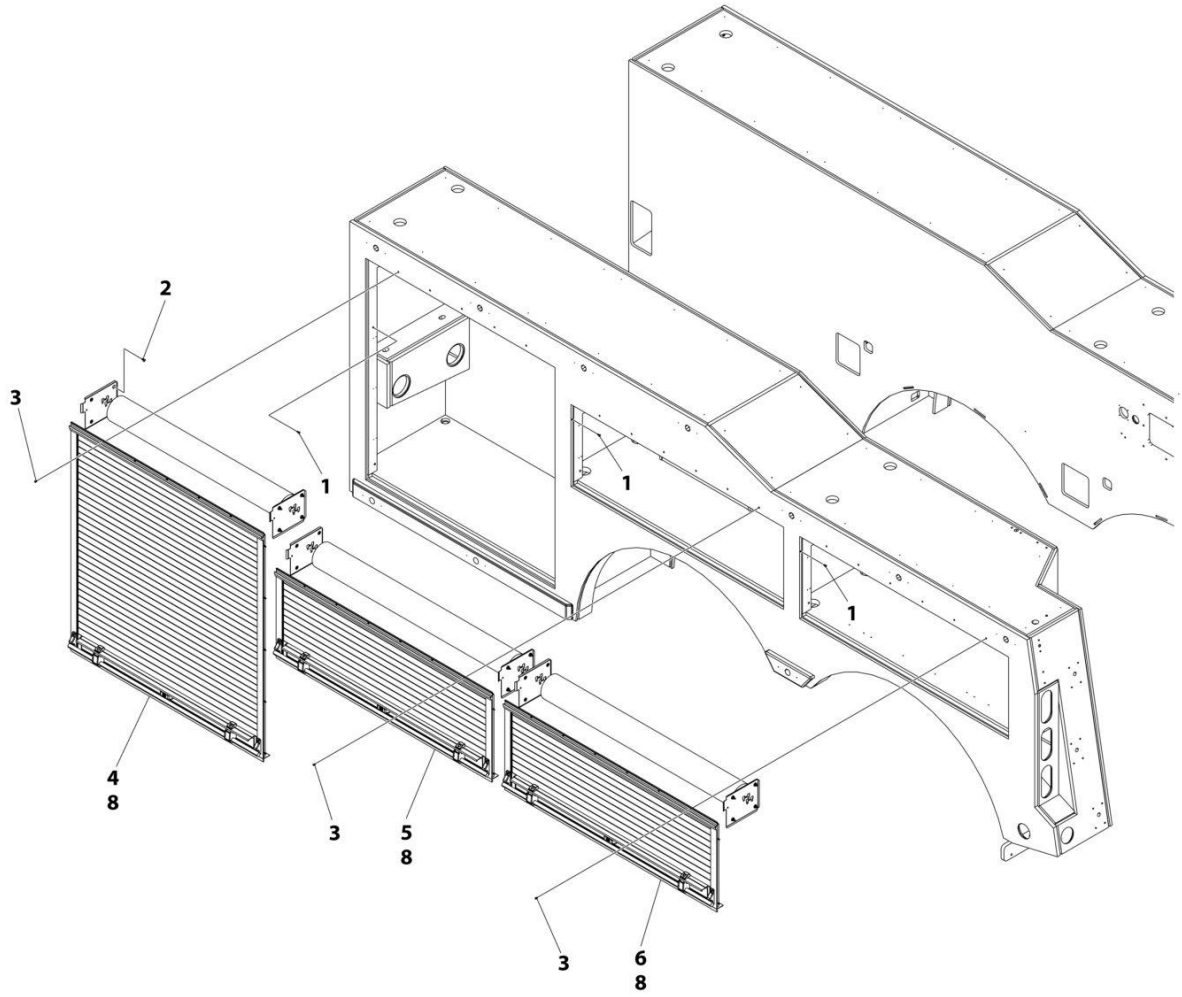


FIGURE 4-20. DOORS INSTALLATION - REAR TANDEM BODY (PAINTED DOORS ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274623	Ref	DOORS INSTALLATION - REAR TANDEM BODY (PAINTED)	A
1	1001192958	36	Screw #10 x 1/2	
2	1001195257	48	Screw 1/4 x 1/2	
6	1001198602	34	Screw #8 x 3/8	
4	1001274653	2	Door	
5	1001274654	2	Door	
6	1001274655	2	Door	
7	7796000012	6 ft	Seal (Not Shown)	
8	8798820001	AR	Sealant	
9	8892040001	AR	Tape (Not Shown)	

FIGURE 4-21. DOORS INSTALLATION - REAR TANDEM BODY (PAINTED DOORS & FRAME)

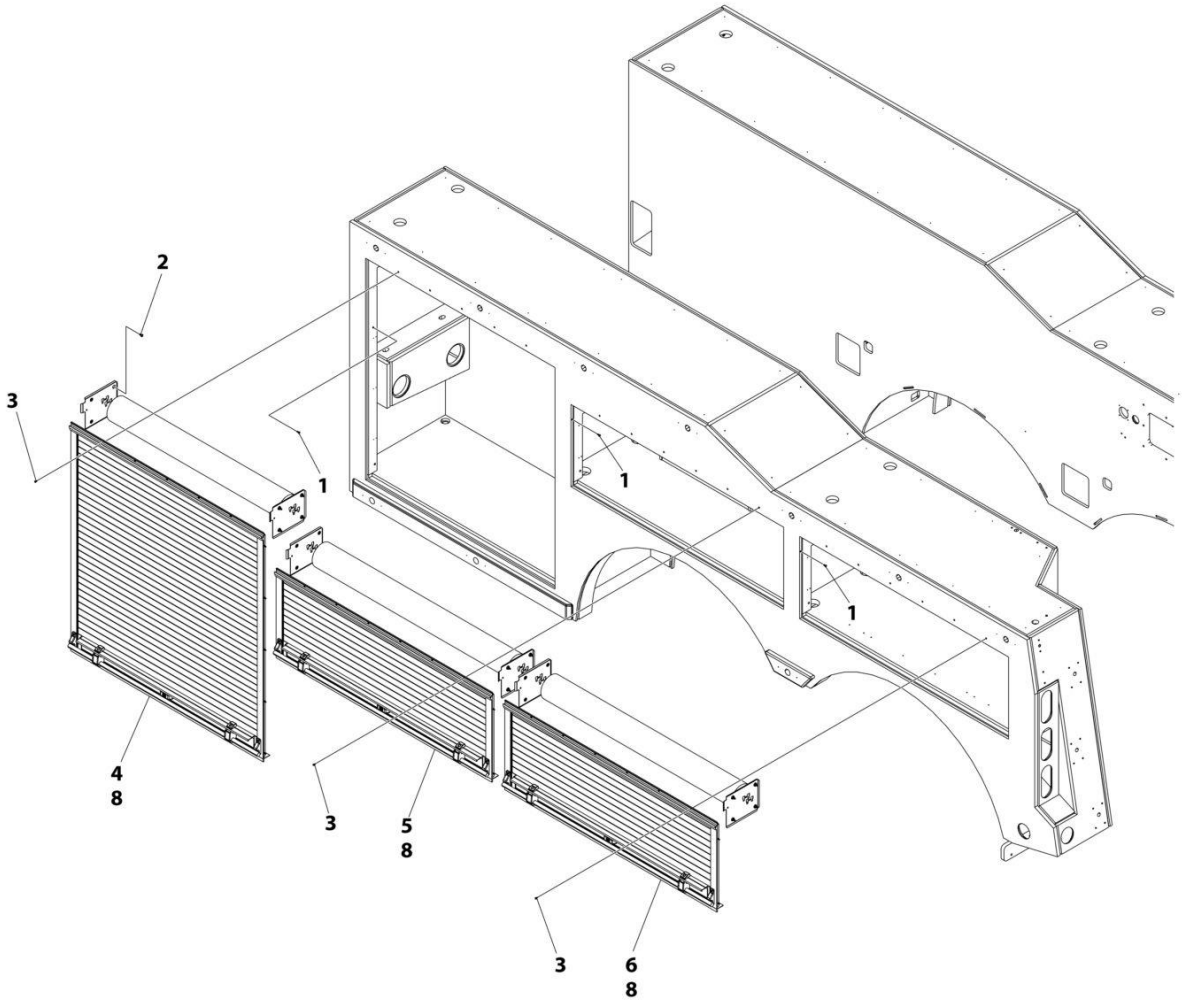


FIGURE 4-21. DOORS INSTALLATION - REAR TANDEM BODY (PAINTED DOORS & FRAME)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274624	Ref	DOORS & FRAME INSTALLATION - REAR TANDEM BODY (PAINTED)	A
1	1001192958	36	Screw #10 x 1/2	
2	1001195257	48	Screw 1/4 x 1/2	
3	1001198602	34	Screw #8 x 3/8	
4	1001274656	2	Door	
5	1001274657	2	Door	
6	1001274658	2	Door	
7	7796000012	6 ft	Seal (Not Shown)	
8	8798820001	AR	Sealant	
9	8892040001	AR	Tape (Not Shown)	

FIGURE 4-22. DOORS INSTALLATION - REAR TRI-AXLE BODY (PAINTED DOORS ONLY)

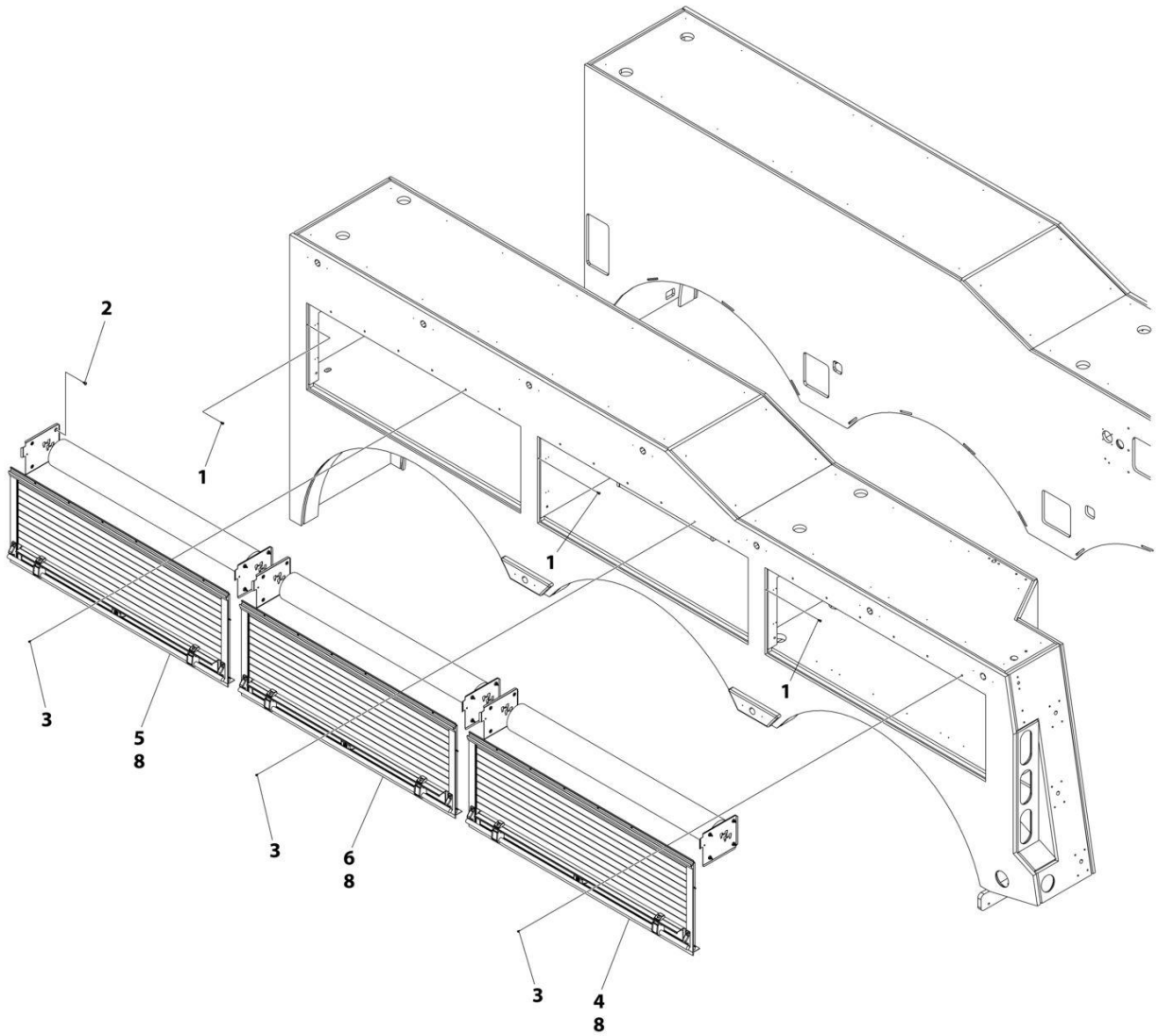


FIGURE 4-22. DOORS INSTALLATION - REAR TRI-AXLE BODY (PAINTED DOORS ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274625	Ref	DOORS INSTALLATION - REAR TRI-AXLE BODY (PAINTED)	A
1	1001192958	24	Screw #10 x 1/2	
2	1001195257	48	Screw 1/4 x 1/2	
3	1001198602	36	Screw #8 x 3/8	
4	1001274655	2	Door	
5	1001274662	2	Door	
6	1001274663	2	Door	
7	7796000012	6 ft	Seal (Not Shown)	
8	8798820001	AR	Sealant	
9	8892040001	AR	Tape (Not Shown)	

FIGURE 4-23. DOORS INSTALLATION - REAR TRI-AXLE BODY (PAINTED DOORS & FRAME)

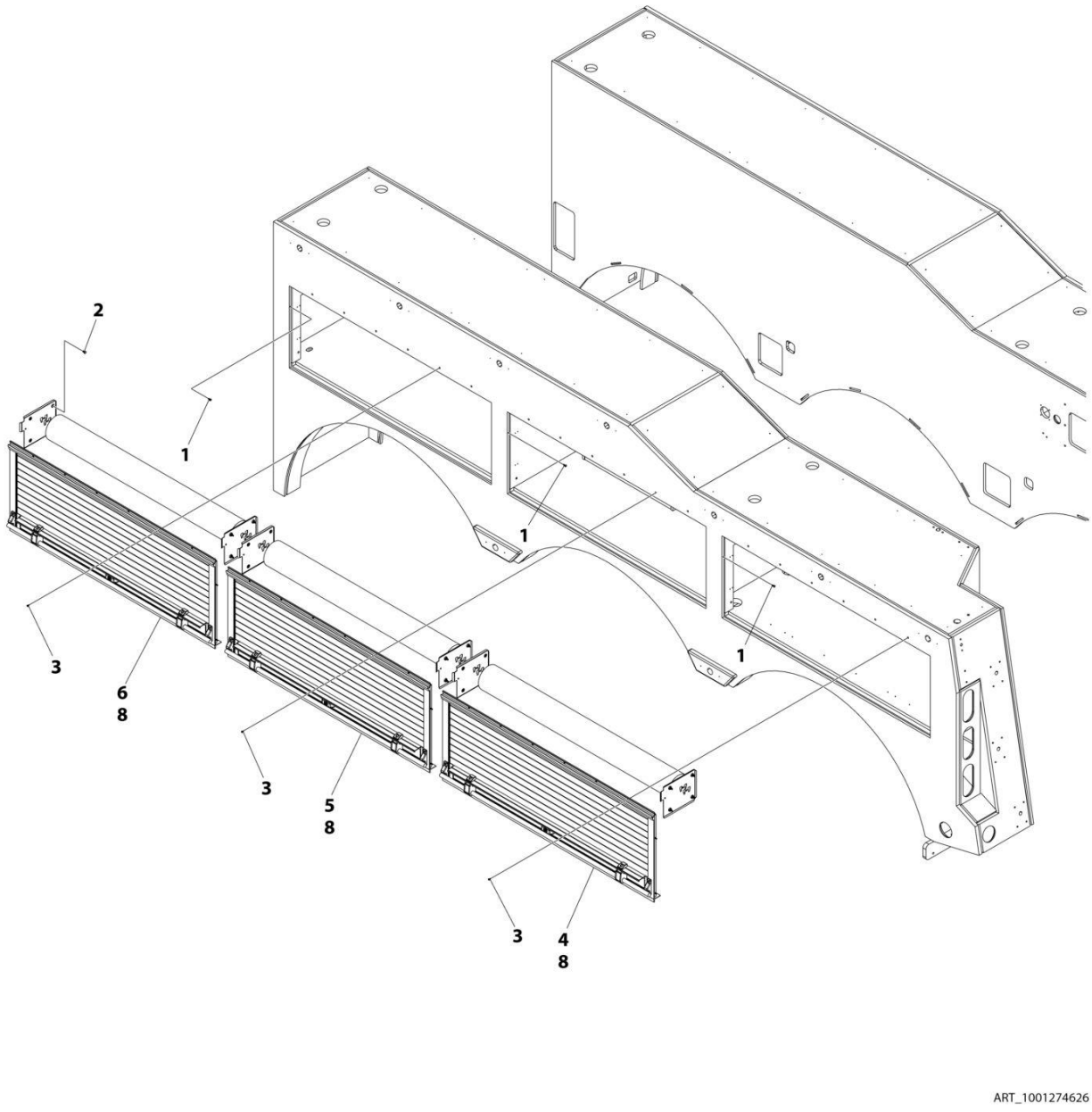


FIGURE 4-23. DOORS INSTALLATION - REAR TRI-AXLE BODY (PAINTED DOORS & FRAME)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274626	Ref	DOORS & FRAME INSTALLATION - REAR TRI-AXLE BODY (PAINTED)	A
1	1001192958	24	Screw #10 x 1/2	
2	1001195257	48	Screw 1/4 x 1/2	
3	1001198602	36	Screw #8 x 3/8	
4	1001274658	2	Door	
5	1001274664	2	Door	
6	1001274665	2	Door	
7	7796000012	6 ft	Seal (Not Shown)	
8	8798820001	AR	Sealant	
9	8892040001	AR	Tape (Not Shown)	

FIGURE 4-24. FILLER PANEL INSTALLATION

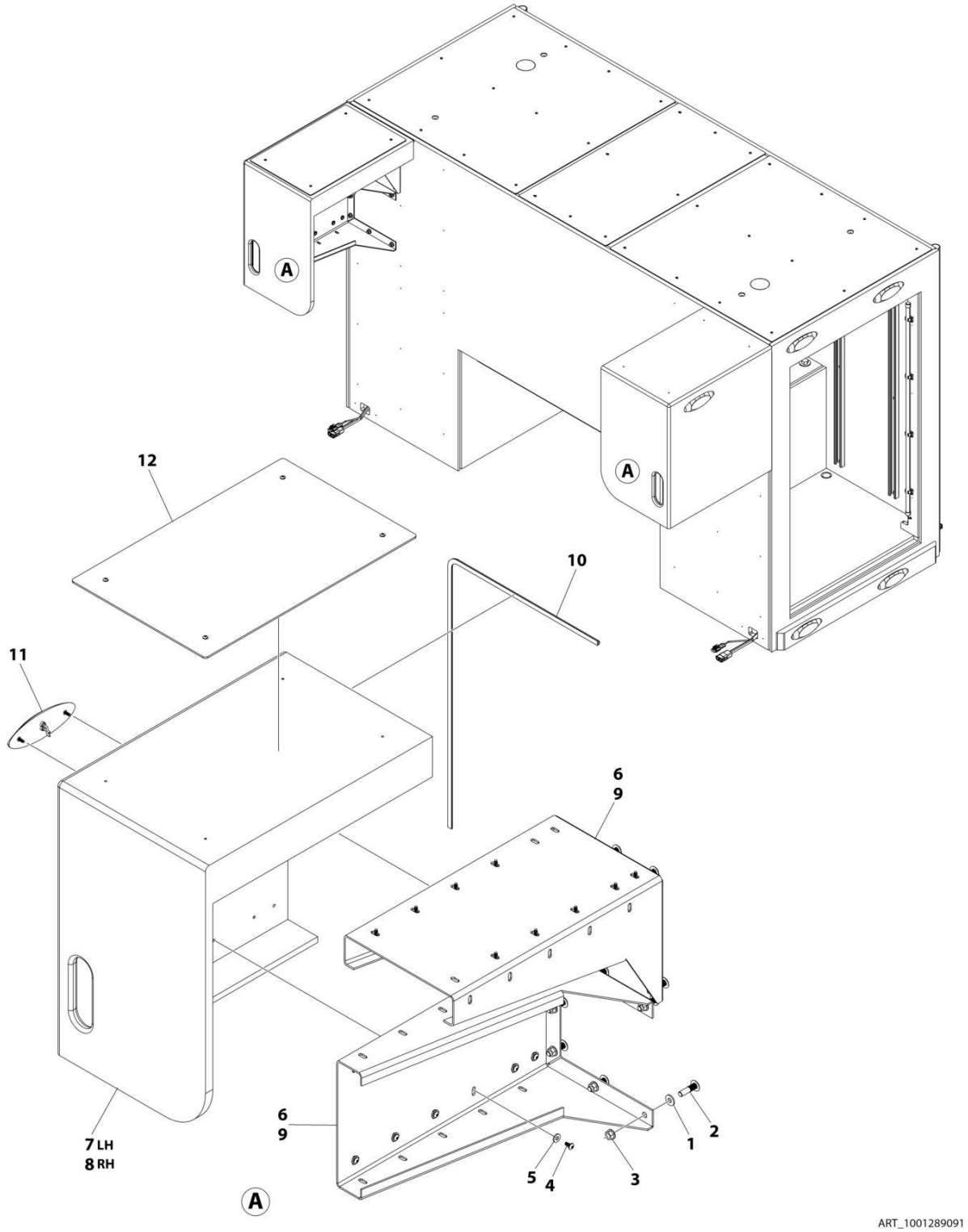


FIGURE 4-24. FILLER PANEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289091	Ref	FILLER PANEL INSTALLATION	A
1	1001166974	26	Washer 3/8	
2	1001247902	26	Bolt 3/8 x 1-1/2	
3	7660162301	26	Nut 3/8	
4	1001195257	46	Screw 1/4 x 1/2	
5	7950140143	46	Washer 1/4	
6	1001288818	4	Support	
7	1001288833	1	Cover, LH	
8	1001288834	1	Cover, RH	
9	8798820001	AR	Sealant	
10	8632000017	7 ft	Seal	
11	1001244297	1	Electrical Body Panel Installation (See Separate Breakdown in ELECTRICAL Section)	
12	1001292045	1	Filler Panel Top Installation (See Separate Breakdown in this Section)	

FIGURE 4-25. FILLER PANEL INSTALLATION (TOP)

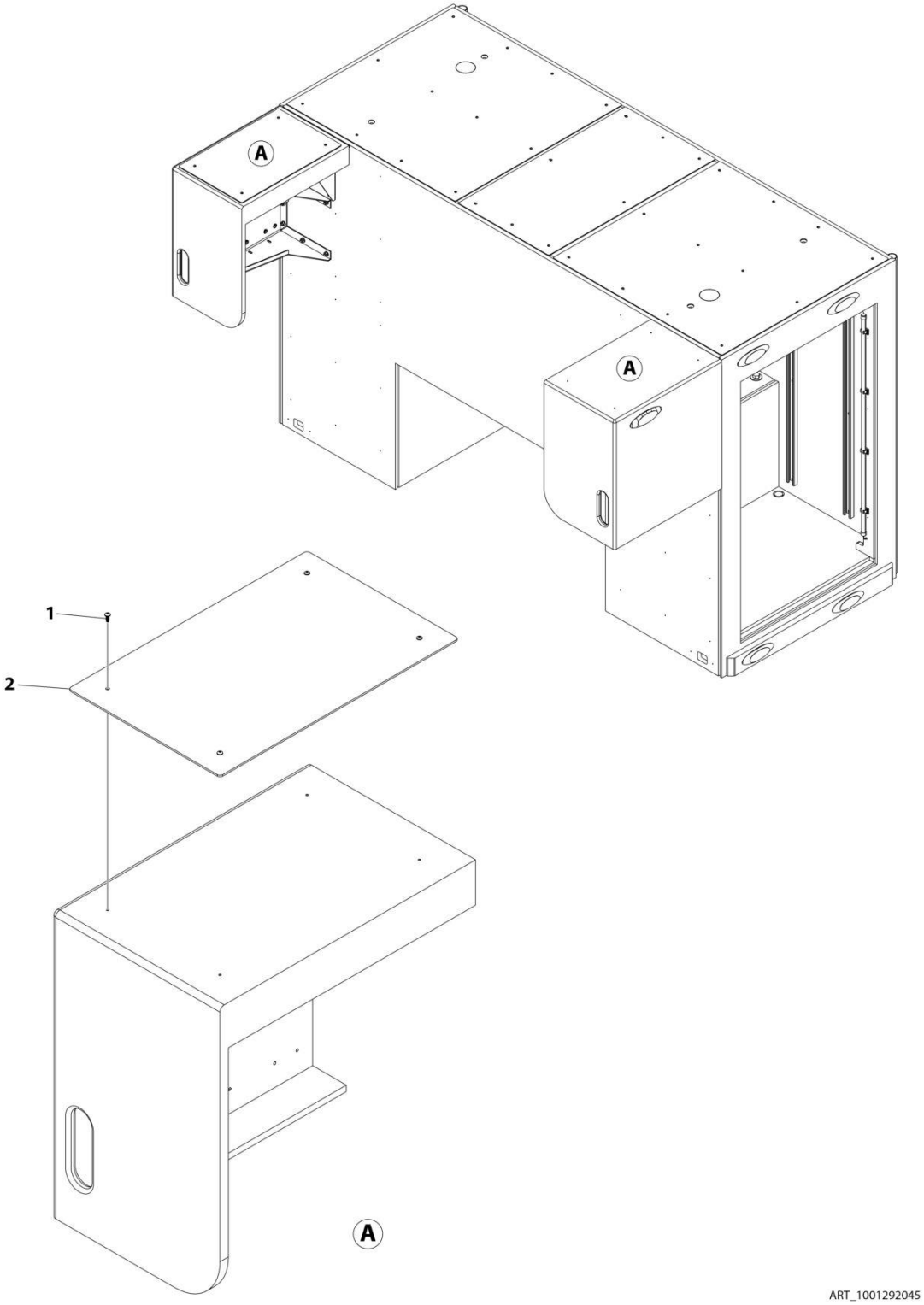


FIGURE 4-25. FILLER PANEL INSTALLATION (TOP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001292045	Ref	TOP FILLER PANEL INSTALLATION	A
1	1001192958	8	Screw #10 x 1/2	
2	1001292046	2	Plate	

FIGURE 4-26. FENDER FLARE & LINER INSTALLATION (TANDEM)

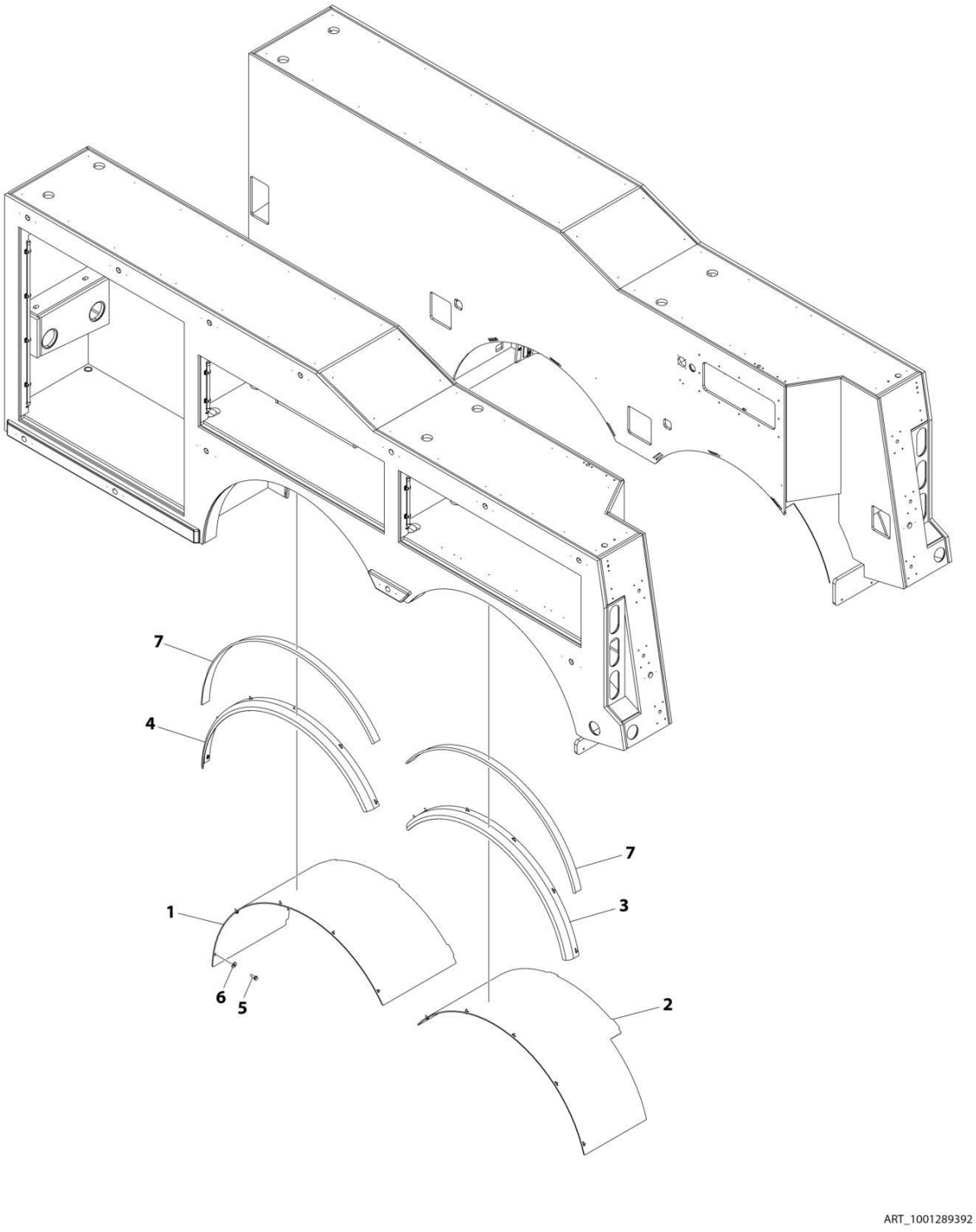


FIGURE 4-26. FENDER FLARE & LINER INSTALLATION (TANDEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289392	Ref	FENDER FLARE & LINER INSTALLATION (TANDEM)	A
1	1001253792	2	Fender Liner, Front Body	
2	1001289314	2	Fender Liner, Rear Body	
3	1001289537	2	Fender Rear, Rear Body	
4	1001289538	2	Fender Rear, Front Body	
5	7790141251	44	Screw 1/4 x 3/4	
6	7950140163	44	Washer 1/4	
7	1001253744	22 ft	Moulding, Fender	

FIGURE 4-27. FENDER FLARE & LINER INSTALLATION (TRI-AXLE)

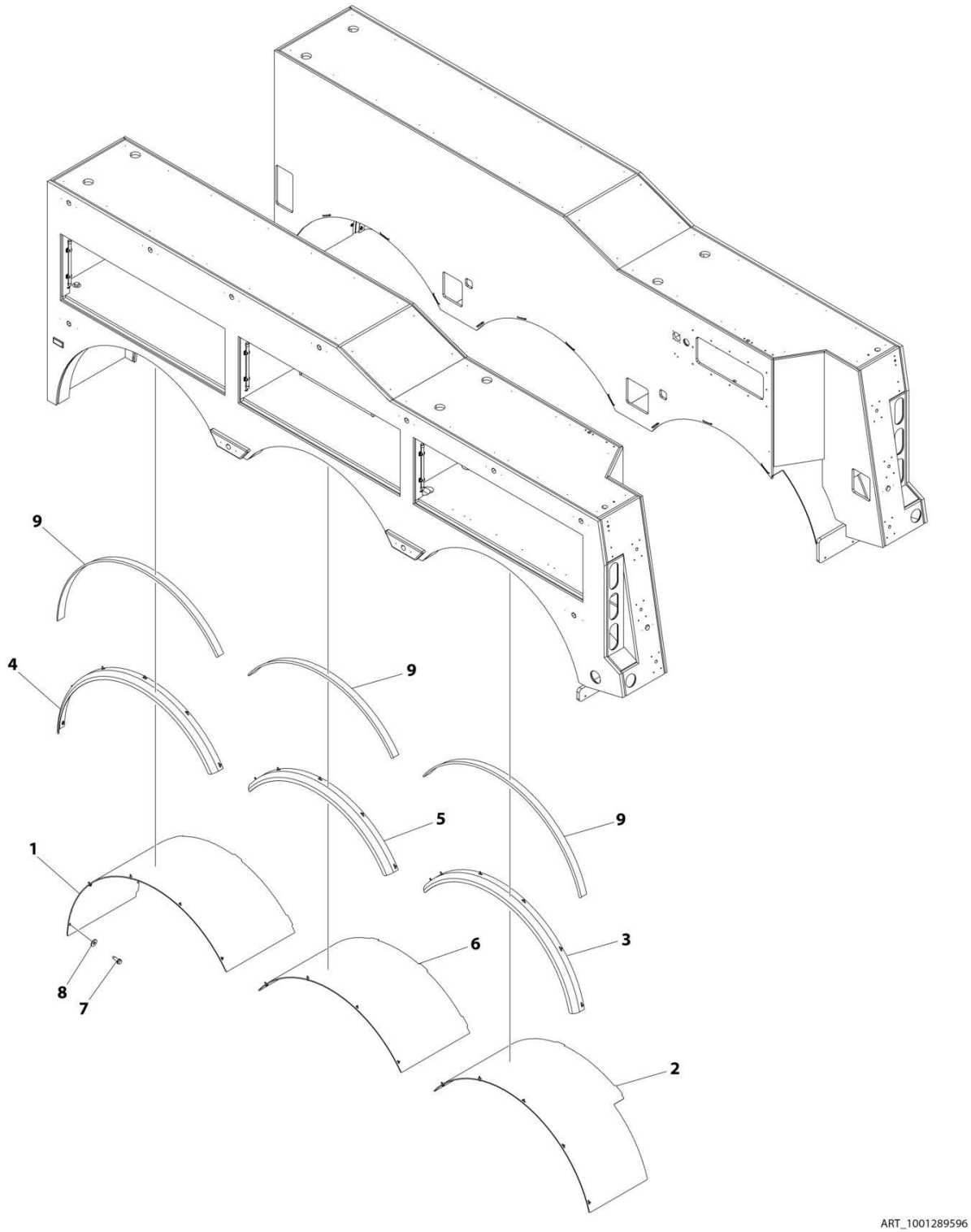


FIGURE 4-27. FENDER FLARE & LINER INSTALLATION (TRI-AXLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289596	Ref	FENDER FLARE & LINER INSTALLATION (TRI-AXLE)	A
1	1001253792	2	Fender Liner, Front Body	
2	1001289314	2	Fender Liner, Rear Body	
3	1001289537	2	Fender Rear, Rear Body	
4	1001289538	2	Fender Rear, Front Body	
5	1001289597	2	Fender Rear, Middle Body	
6	1001289598	2	Fender Liner, Middle Body	
7	7790141251	62	Screw 1/4 x 3/4	
8	7950140163	62	Washer 1/4	
9	1001253744	31 ft	Moulding, Fender	

FIGURE 4-28. GRAB HANDLES INSTALLATION - NO FILLER PANEL

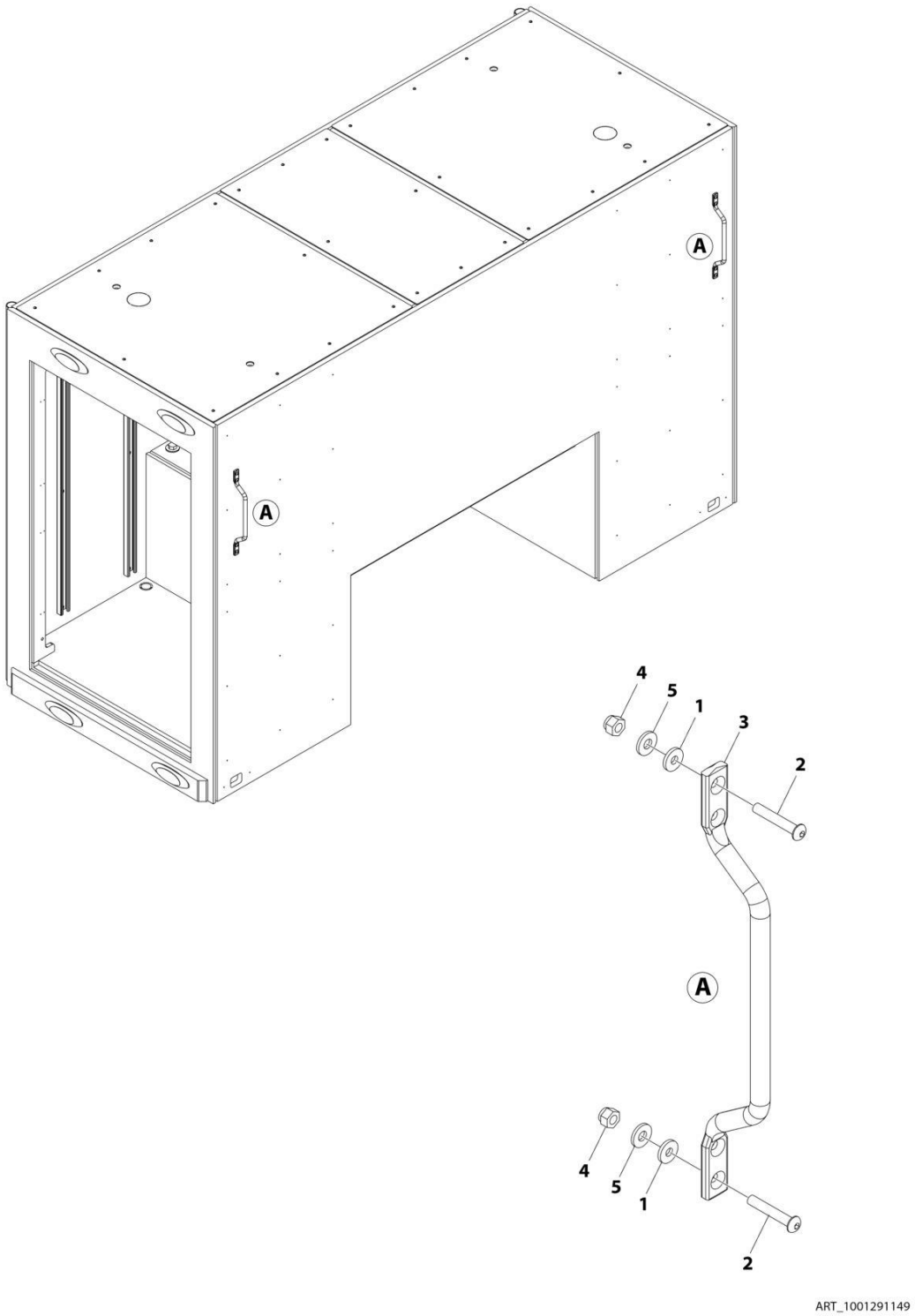


FIGURE 4-28. GRAB HANDLES INSTALLATION - NO FILLER PANEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291149	Ref	GRAB HANDLES	A
1	1001166978	8	Washer 1/4	
2	7114141218	8	Capscrew 1/4 x 1-1/2	
3	7550000070	2	Grab Handle	
4	7660142601	8	Nut 1/4	
5	7950140143	8	Washer 1/4	

FIGURE 4-29. GRAB HANDLES INSTALLATION

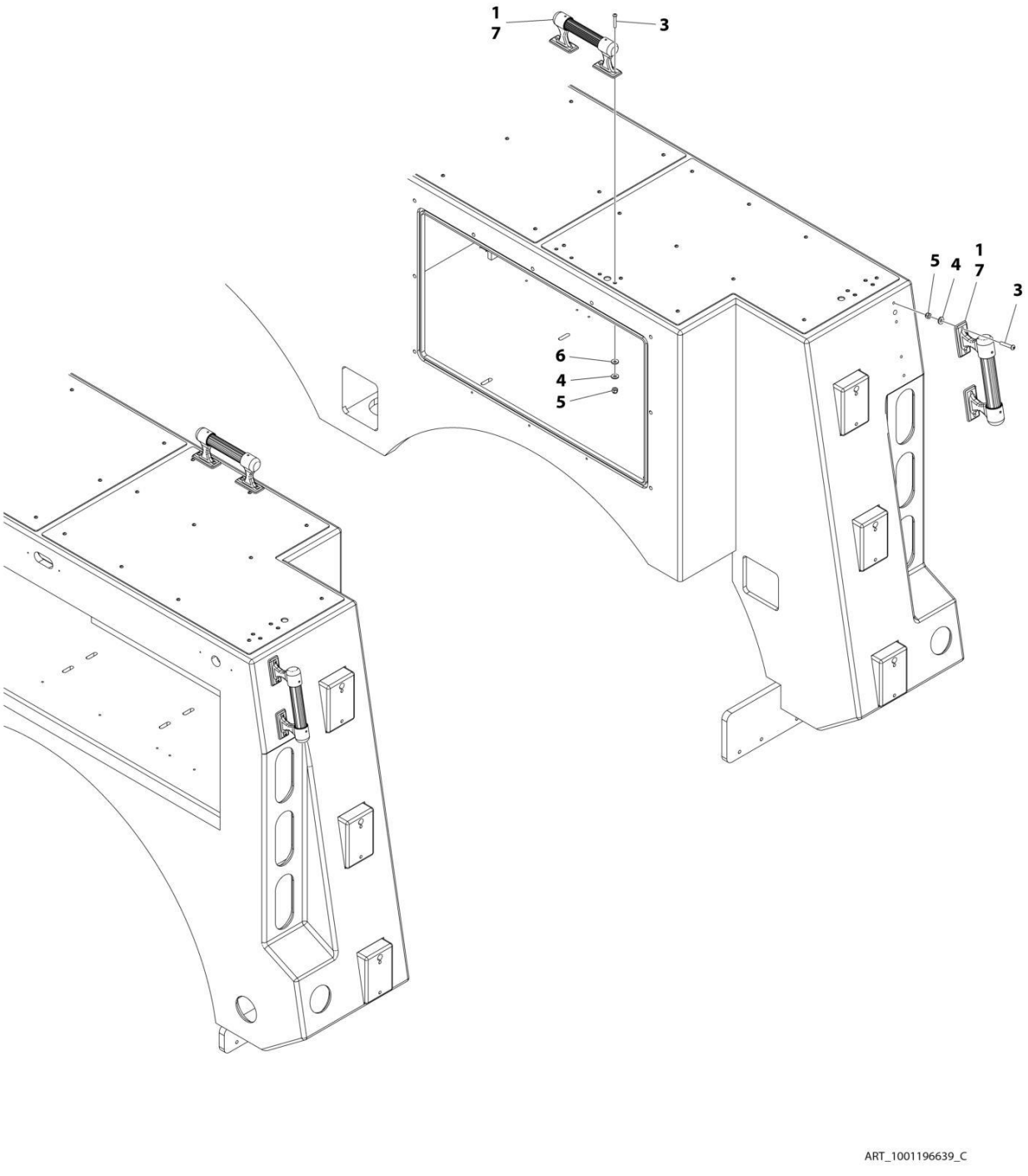


FIGURE 4-29. GRAB HANDLES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196639	Ref	Grab Handle Installation	C
1	1001170849	4	Grab Handle	
3	7114141218	16	Capscrew 1/4 x 1-1/2	
4	7660142600	16	Nut 1/4	
5	7950140143	16	Washer 1/2	
6	1001166978	8	Washer, Rubber 1/4	
7	8798820001	AR	Sealant	

FIGURE 4-30. HOOK AND PIN STORAGE INSTALLATION (35K WINCH)

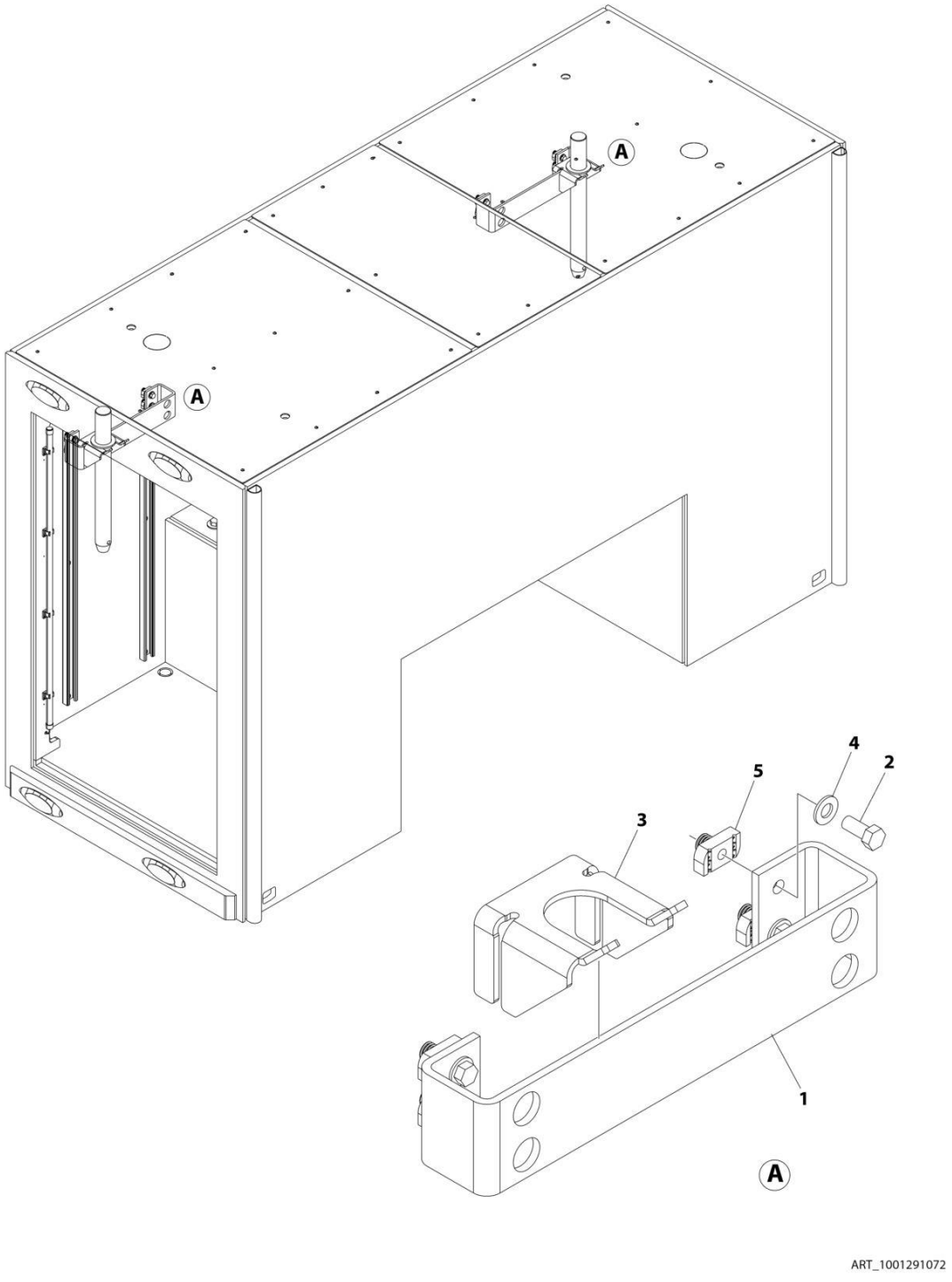


FIGURE 4-30. HOOK AND PIN STORAGE INSTALLATION (35K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291072	Ref	HOOK AND PIN STORAGE INSTALLATION	A
1	1001189776	2	Plate	
2	1001210454	8	Bolt 3/8 x 7/8	
3	1001291074	2	Bracket	
4	7950160141	8	Washer 3/8	
5	1001166644	8	Spring Nut 3/8	

FIGURE 4-31. LIFTING LUGS INSTALLATION

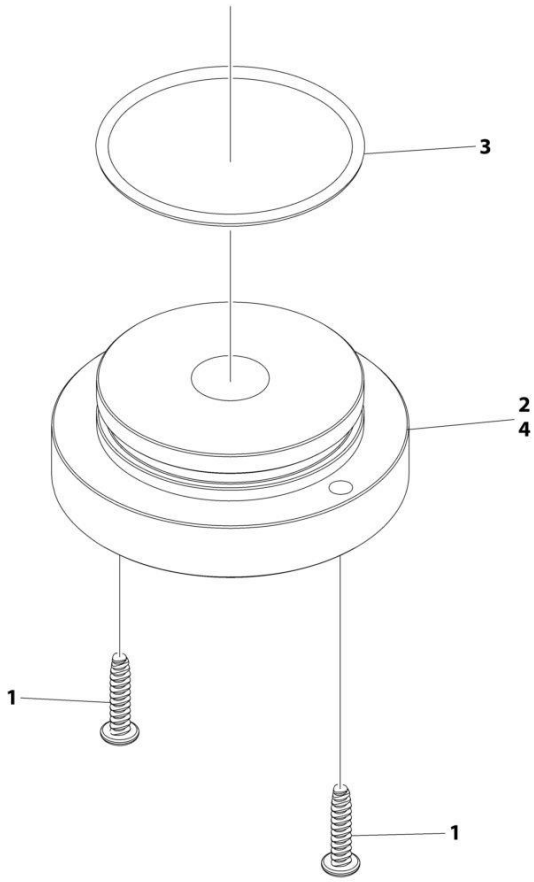


FIGURE 4-31. LIFTING LUGS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196802	Ref	LIFTING LUGS INSTALLATION - BODY	C
1	1001196552	32	Screw #8 x 3/4	
2	1001288629	8	Nut	
3	3790230	8	O-Ring	
4	8798820001	AR	Sealant	

FIGURE 4-32. LIFTING LUGS INSTALLATION - TUNNEL (38IN-50IN)

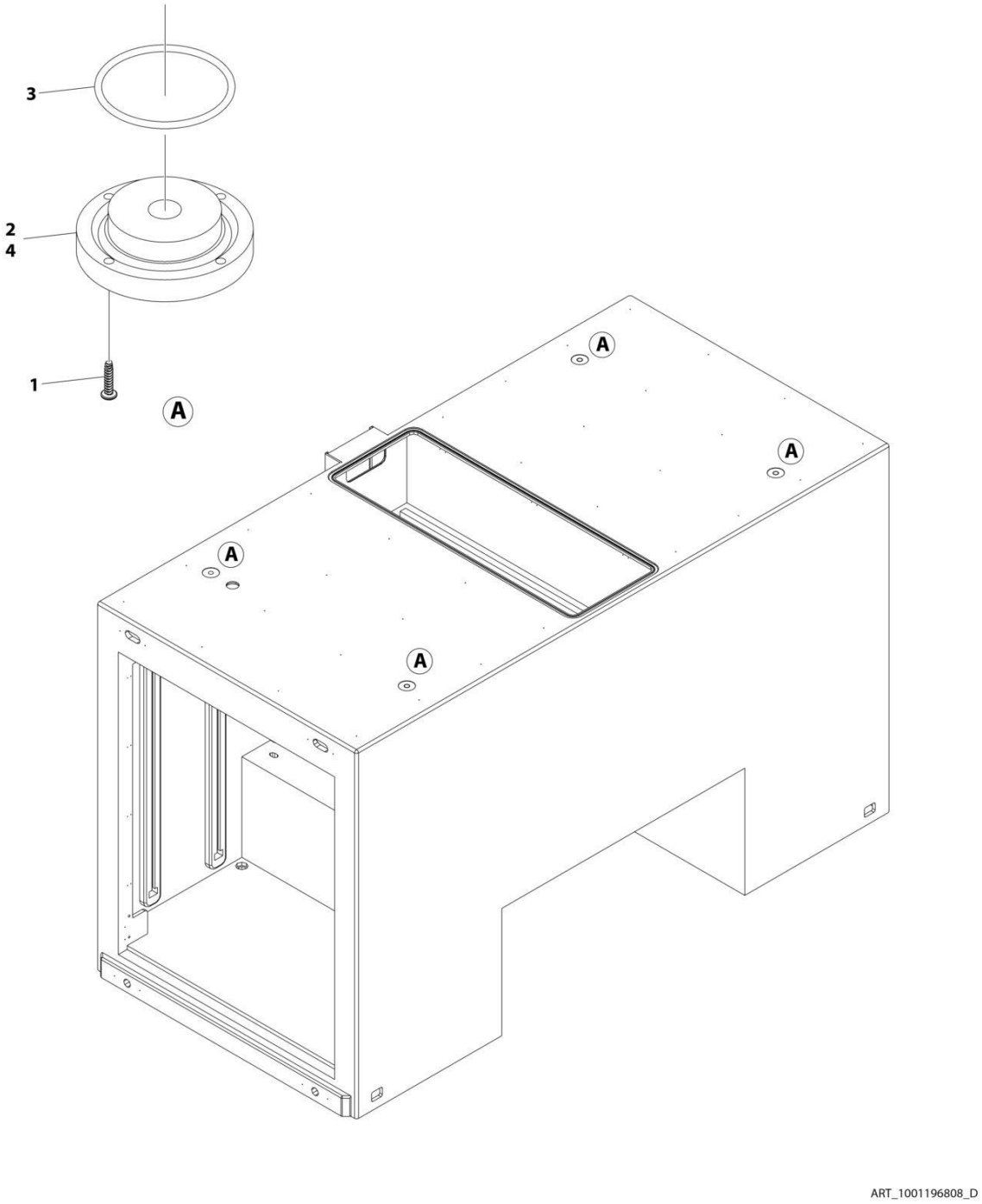


FIGURE 4-32. LIFTING LUGS INSTALLATION - TUNNEL (38IN-50IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196808	Ref	BODY LIFTING LUGS INSTALLATION	D
1	1001196552	16	Screw #8 x 3/4	
2	1001288629	4	Nut	
3	3790230	4	O-Ring	
4	8798820001	AR	Sealant	

FIGURE 4-33. LIFTING LUGS INSTALLATION - TUNNEL (76IN-88IN)

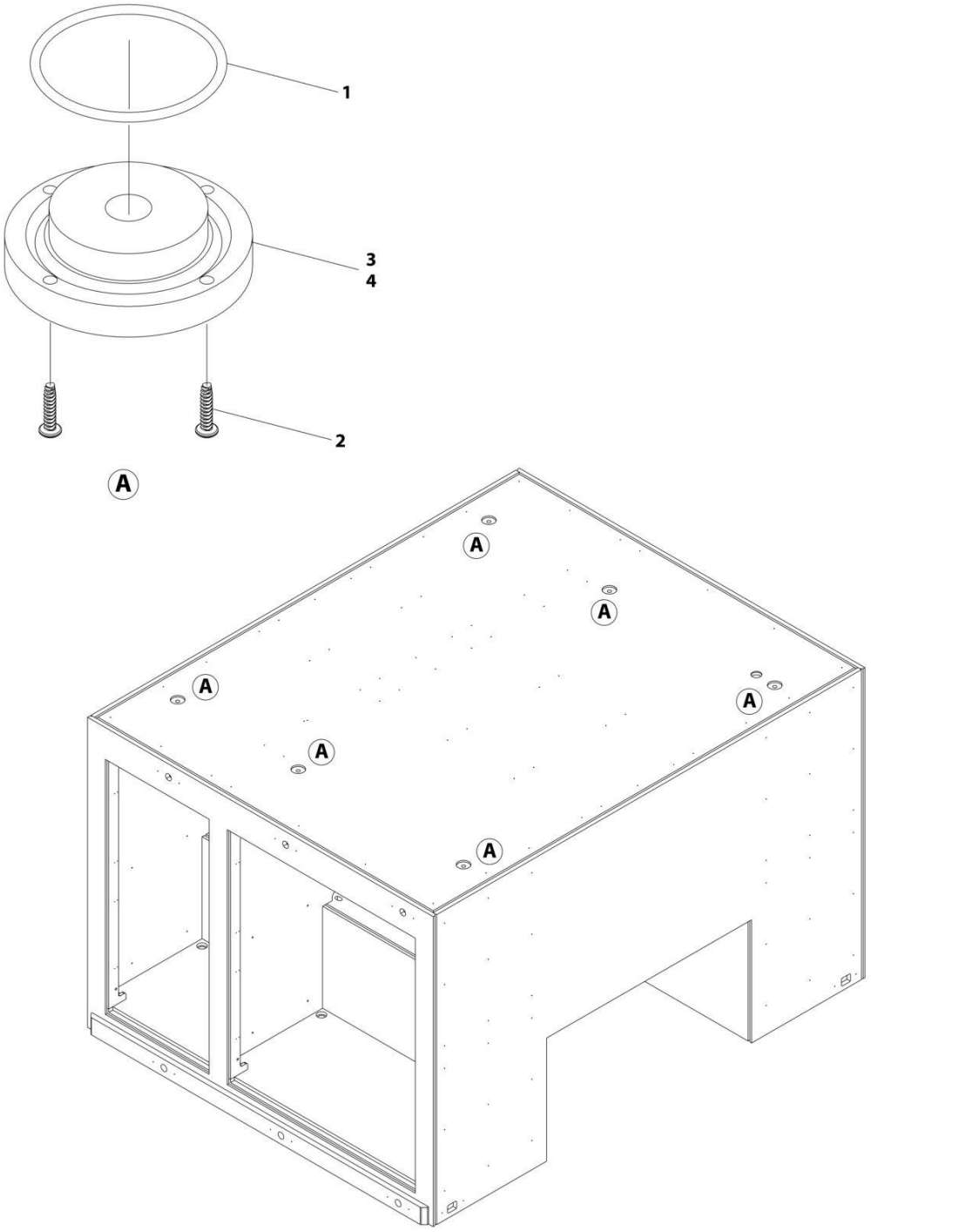


FIGURE 4-33. LIFTING LUGS INSTALLATION - TUNNEL (76IN-88IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270609	Ref	LIFTING LUGS INSTALLATION - BODY (DOUBLE)	A
1	3790230	6	O-Ring	
2	1001196552	24	Screw #8 x 3/4	
3	1001288629	6	Nut	
4	8798820001	AR	Sealant	

FIGURE 4-34. MUDFLAPS INSTALLATION

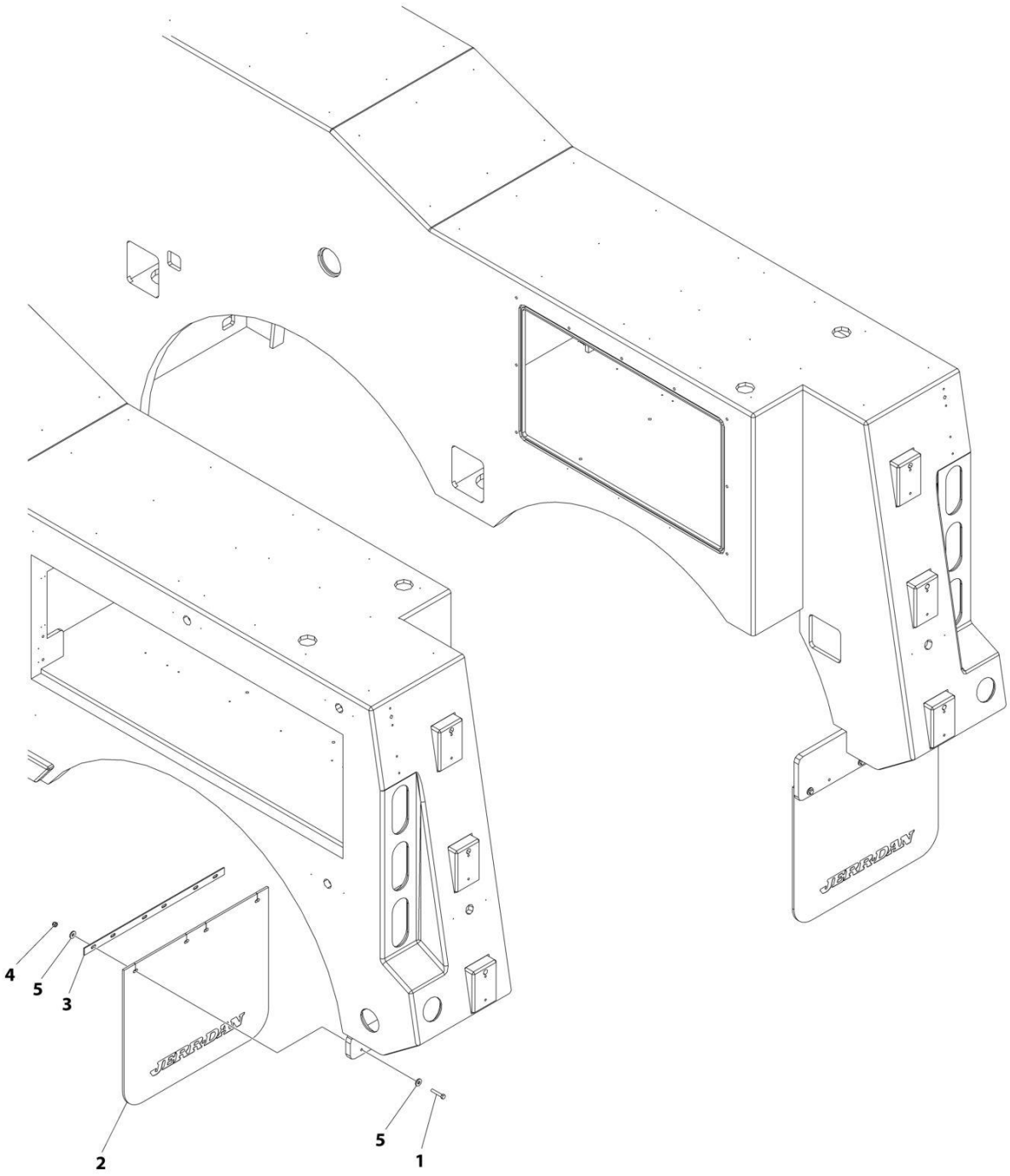


FIGURE 4-34. MUDFLAPS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196790	Ref	MUD FLAP INSTALLATION	C
1	0641514	8	Bolt 5/16 x 1-3/4	
2	1001174051	2	Mud Flap	
3	4706001815	2	Plate	
4	7660152601	8	Nut 5/16	
5	7950150153	16	Washer 5/16	

FIGURE 4-35. PIN STORAGE INSTALLATION (SS-70)

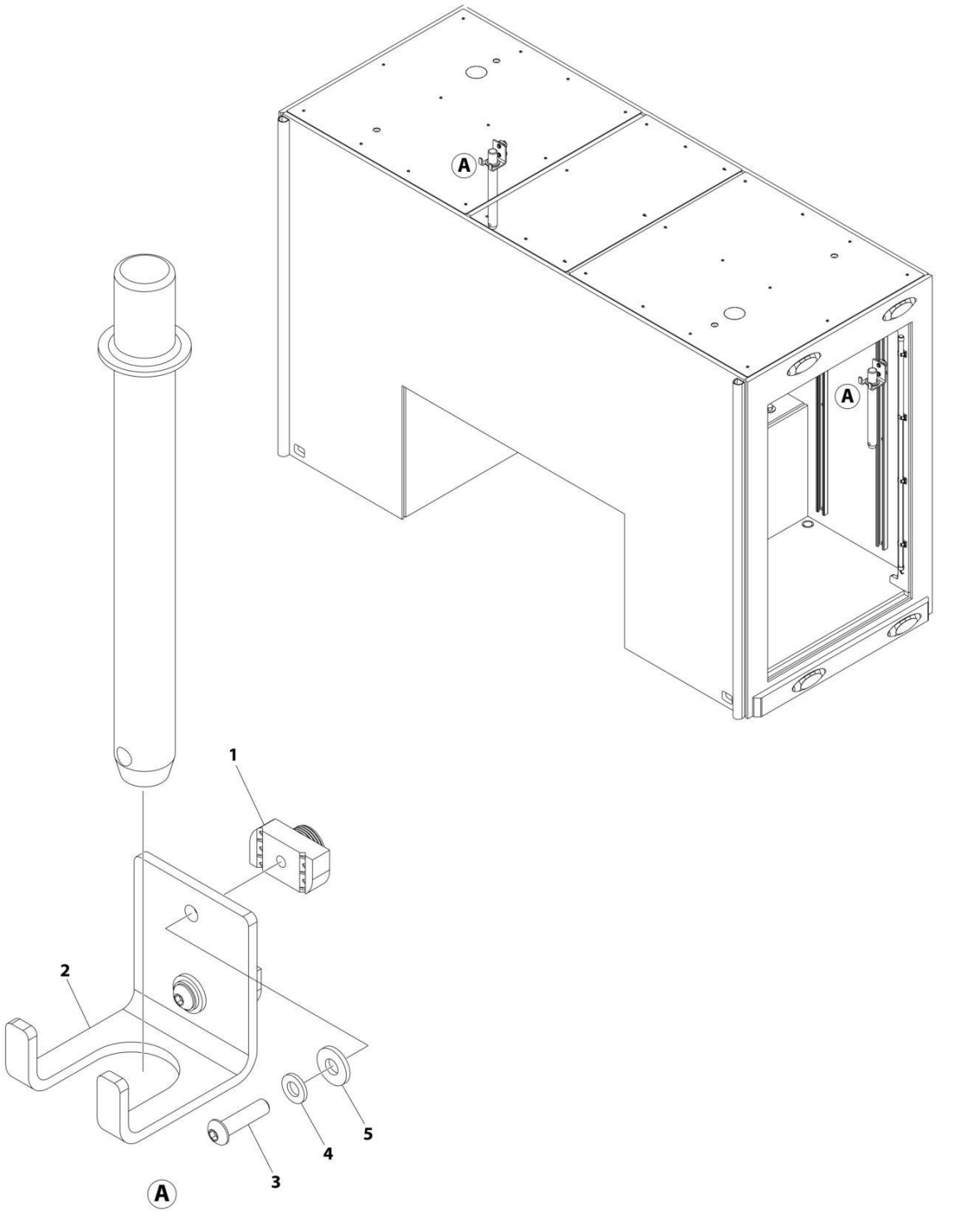


FIGURE 4-35. PIN STORAGE INSTALLATION (SS-70)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291874	Ref	PIN STORAGE INSTALLION	A
1	1001183037	4	Nut 1/4	
2	1001291791	2	Bracket	
3	7114140818	4	Capscrew 1/4 x 1	
4	7950140003	4	Washer 1/4	
5	7950140143	4	Washer 1/4	

FIGURE 4-36. PYLON INSTALLATION (34IN)

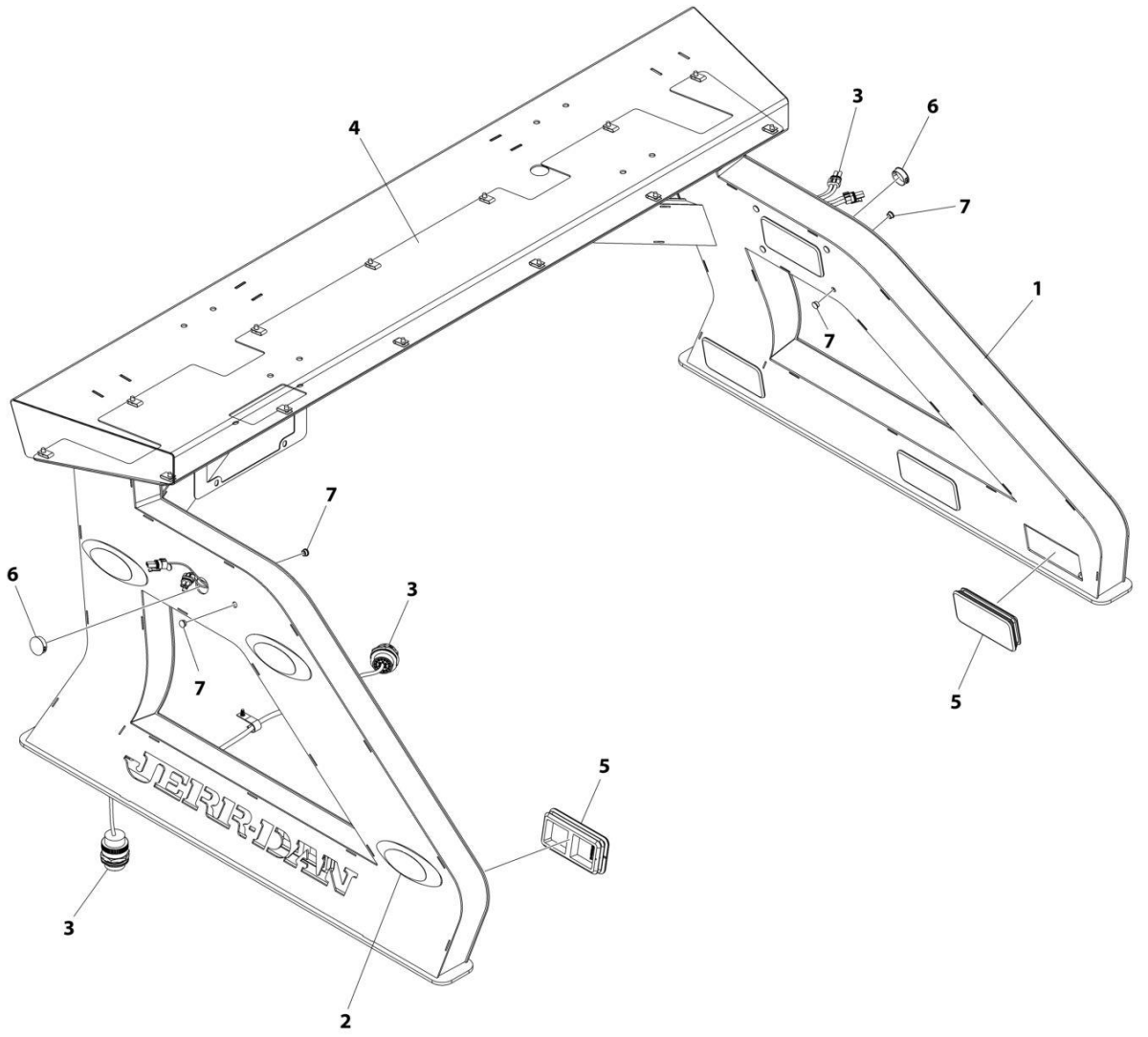


FIGURE 4-36. PYLON INSTALLATION (34IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228888	Ref	PYLON INSTALLATION (34IN)	A
1	1001228805	1	Support	
2	1001207488	1	Marker Lights Installation - Pylon (See Separate Breakdown in ELECTRICAL Section)	
3	1001215020	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
4	1001214252	1	Pylon Cover Installation	
5	7701000048	8	Plug	
6	7701000049	2	Plug	
7	7701000056	12	Plug	

FIGURE 4-37. PYLON INSTALLATION (39IN)

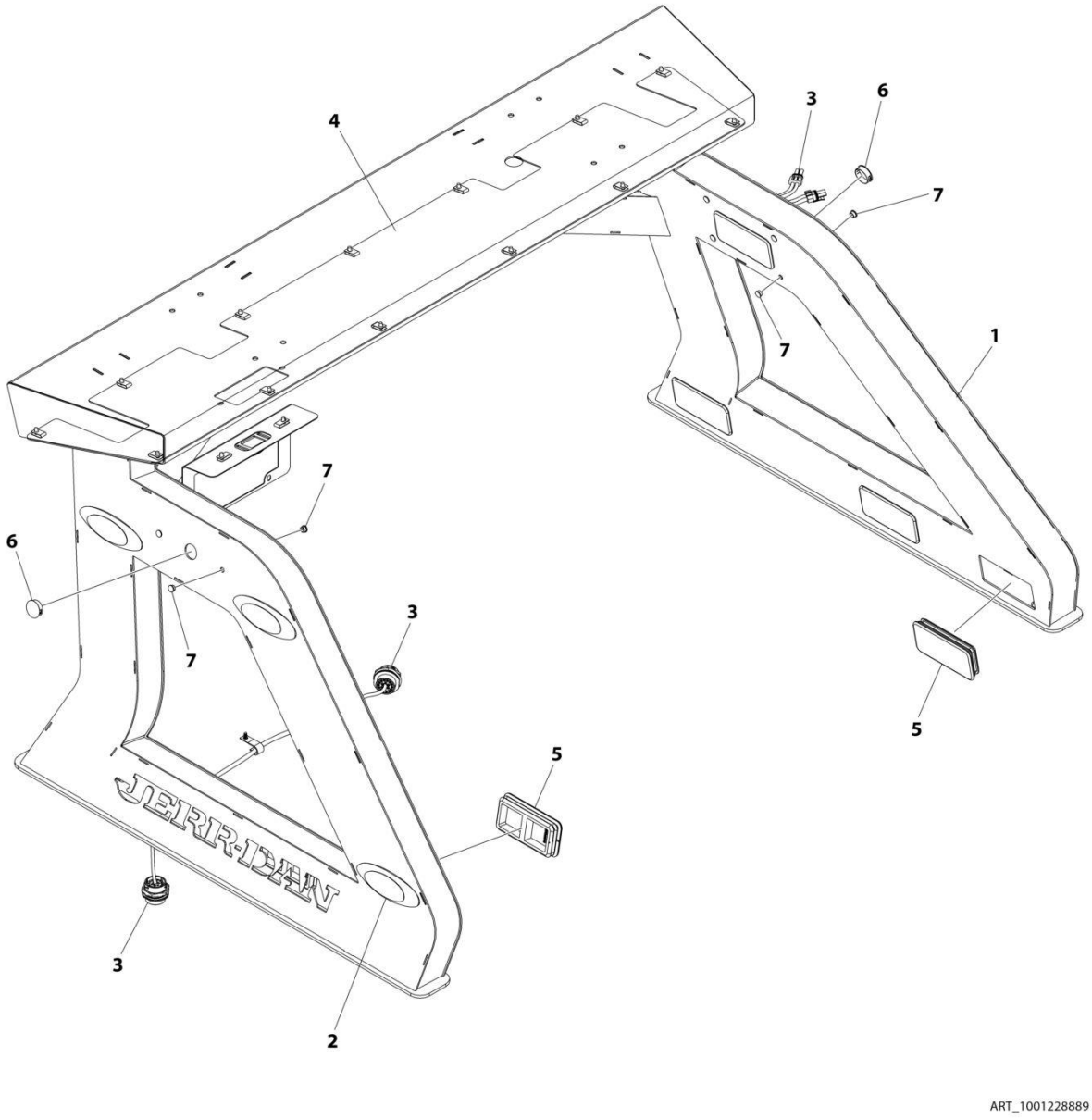


FIGURE 4-37. PYLON INSTALLATION (39IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228889	Ref	PYLON INSTALLATION (39IN)	A
1	1001228818	1	Support	
2	1001207488	1	Marker Lights Installation - Pylon (See Separate Breakdown in ELECTRICAL Section)	
3	1001215020	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
4	1001214262	1	Pylon Cover Installation (See Separate Breakdown in this Section)	
5	7701000048	8	Plug	
6	7701000049	2	Plug	
7	7701000056	12	Plug	

FIGURE 4-38. PYLON INSTALLATION (57IN)

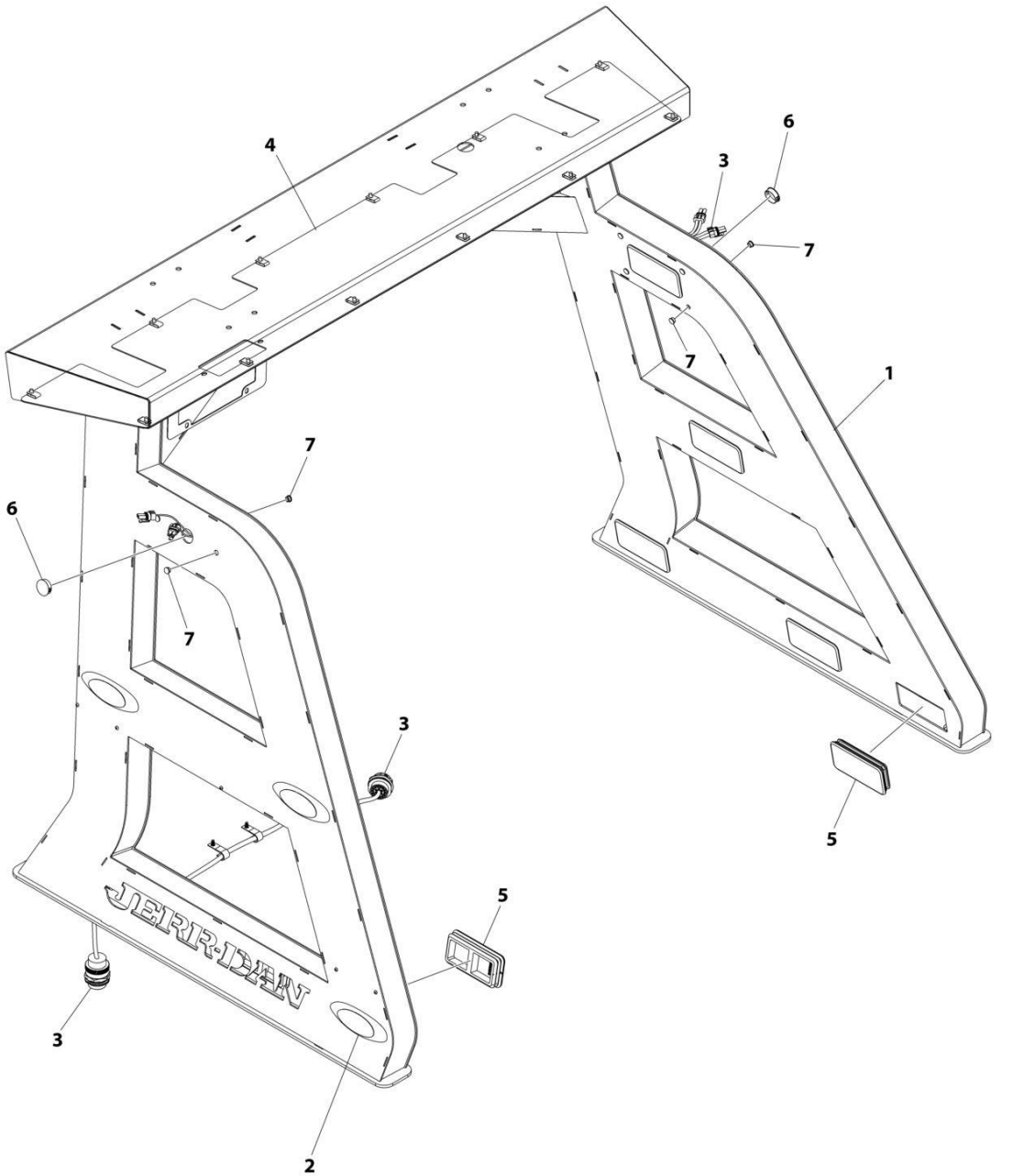


FIGURE 4-38. PYLON INSTALLATION (57IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228890	Ref	PYLON INSTALLATION (57IN)	A
1	1001228824	1	Support	
2	1001207488	1	Marker Lights Installation - Pylon (See Separate Breakdown in ELECTRICAL Section)	
3	1001215034	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
4	1001214973	1	Pylon Cover Installation (See Separate Breakdown in this Section)	
5	7701000048	10	Plug	
6	7701000049	2	Plug	
7	7701000056	12	Plug	

FIGURE 4-39. PYLON COVER INSTALLATION (39IN)

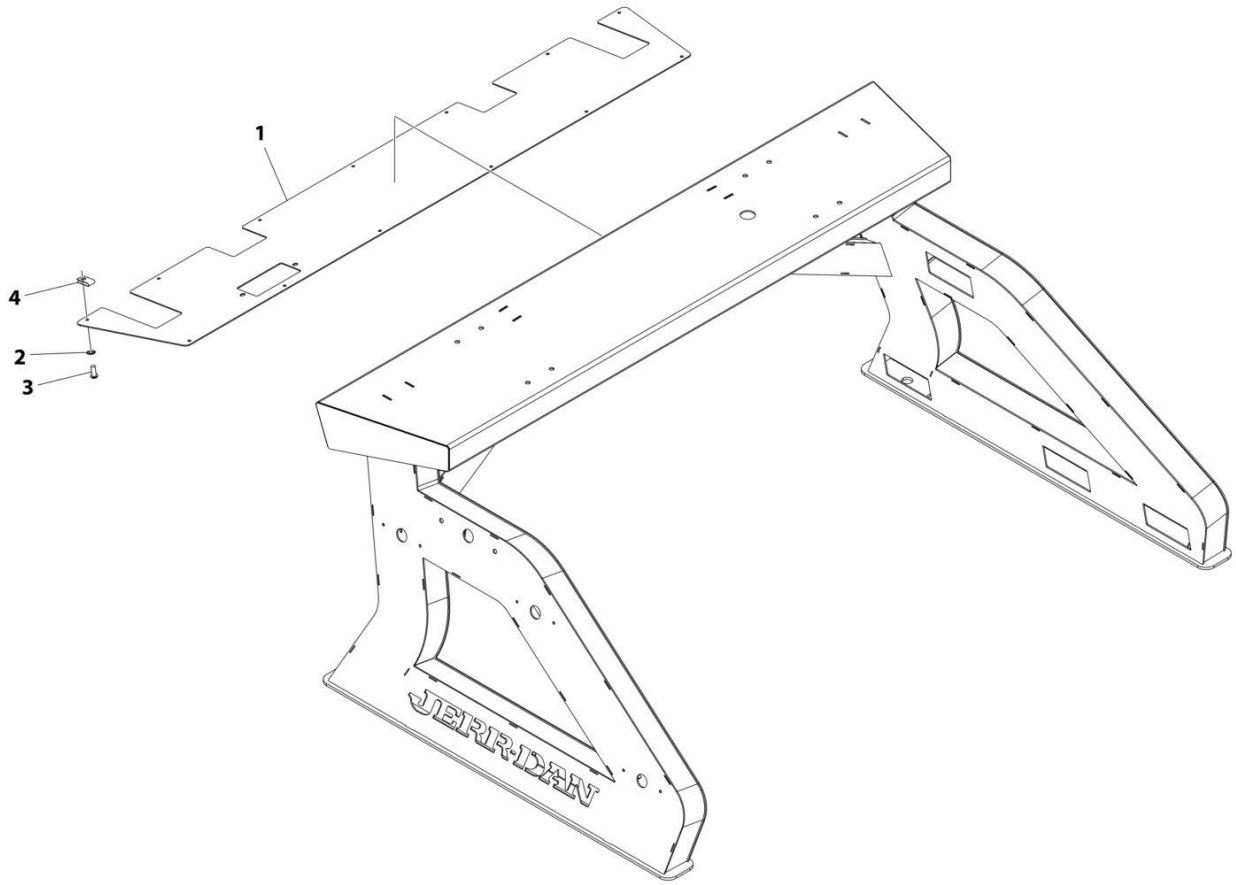


FIGURE 4-39. PYLON COVER INSTALLATION (39IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214262	Ref	PYLON COVER INSTALLATION (39IN)	B
1	1001213522	1	Cover	
2	1001143686	13	Star Washer 1/4	
3	7114140518	13	Screw 1/4 x 5/8	
4	7661000019	13	U-Nut 1/4	

FIGURE 4-40. PYLON COVER INSTALLATION (57IN)

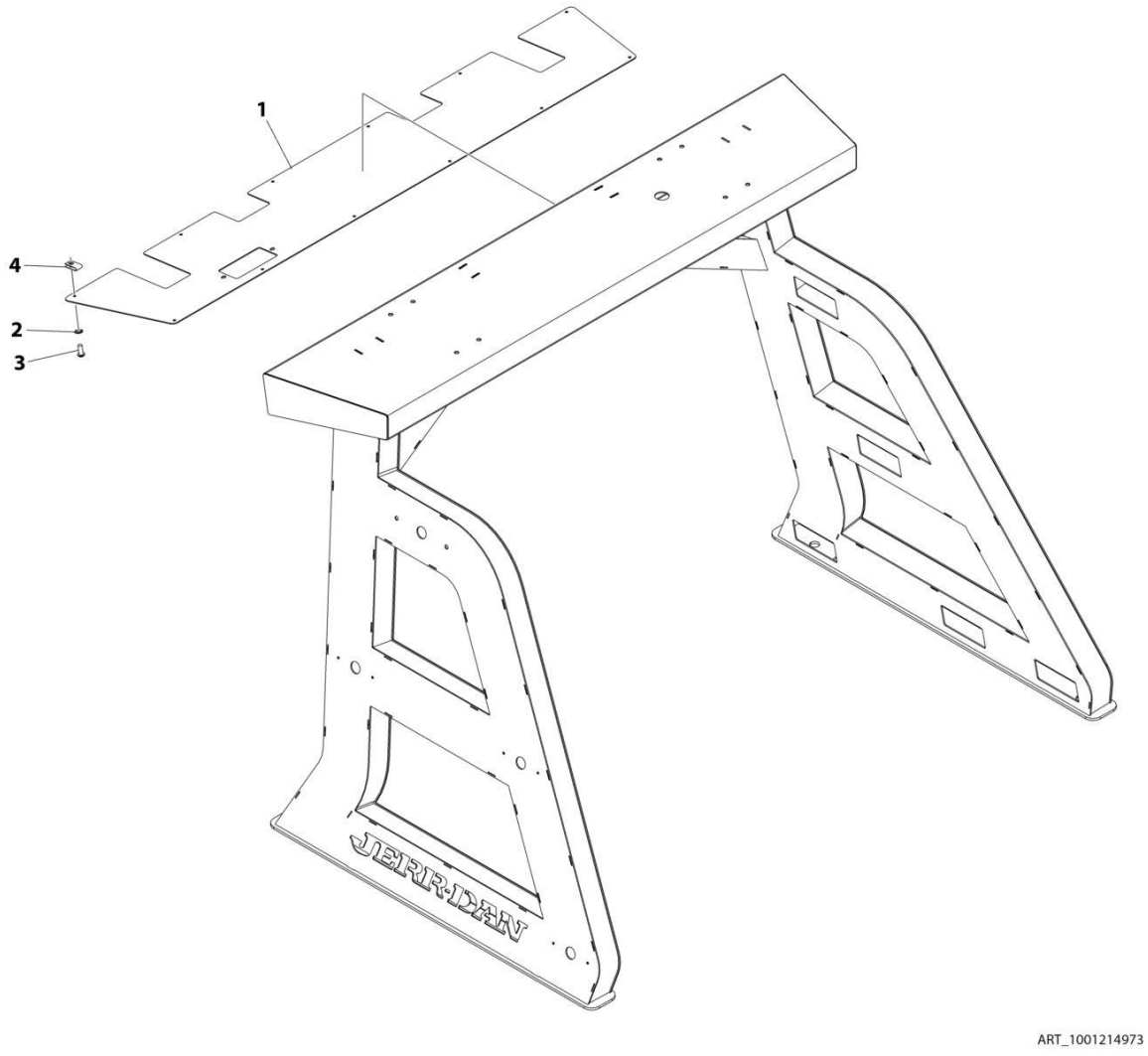


FIGURE 4-40. PYLON COVER INSTALLATION (57IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214973	Ref	PYLON COVER INSTALLATION (57IN)	B
1	1001214590	1	Cover	
2	1001143686	12	Star Washer 1/4	
3	7114140518	12	Screw 1/4 x 5/8	
4	7661000019	12	U-Nut 1/4	

FIGURE 4-41. PYLON ADAPTER INSTALLATION - 39IN TUNNEL

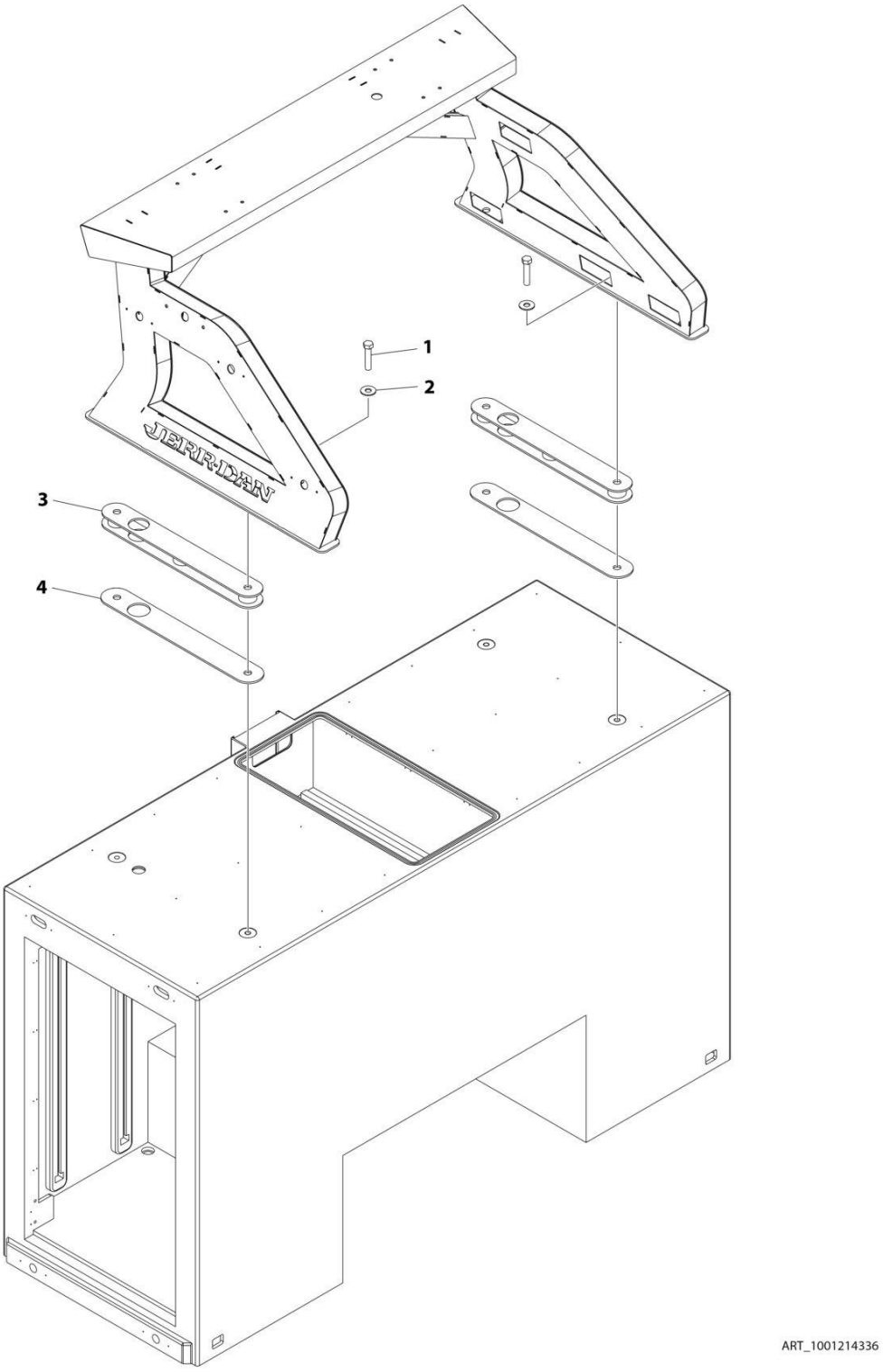


FIGURE 4-41. PYLON ADAPTER INSTALLATION - 39IN TUNNEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214336	Ref	PYLON ADAPTER INSTALLATION - 39IN TUNNEL	A
1	0642228	4	Capscrew 3/4 x 3-1/2	
2	4752200	4	Washer 3/4	
3	1001213112	2	Mount	
4	1001214350	2	Seal	

FIGURE 4-42. PYLON ADAPTER INSTALLATION - 51IN TUNNEL

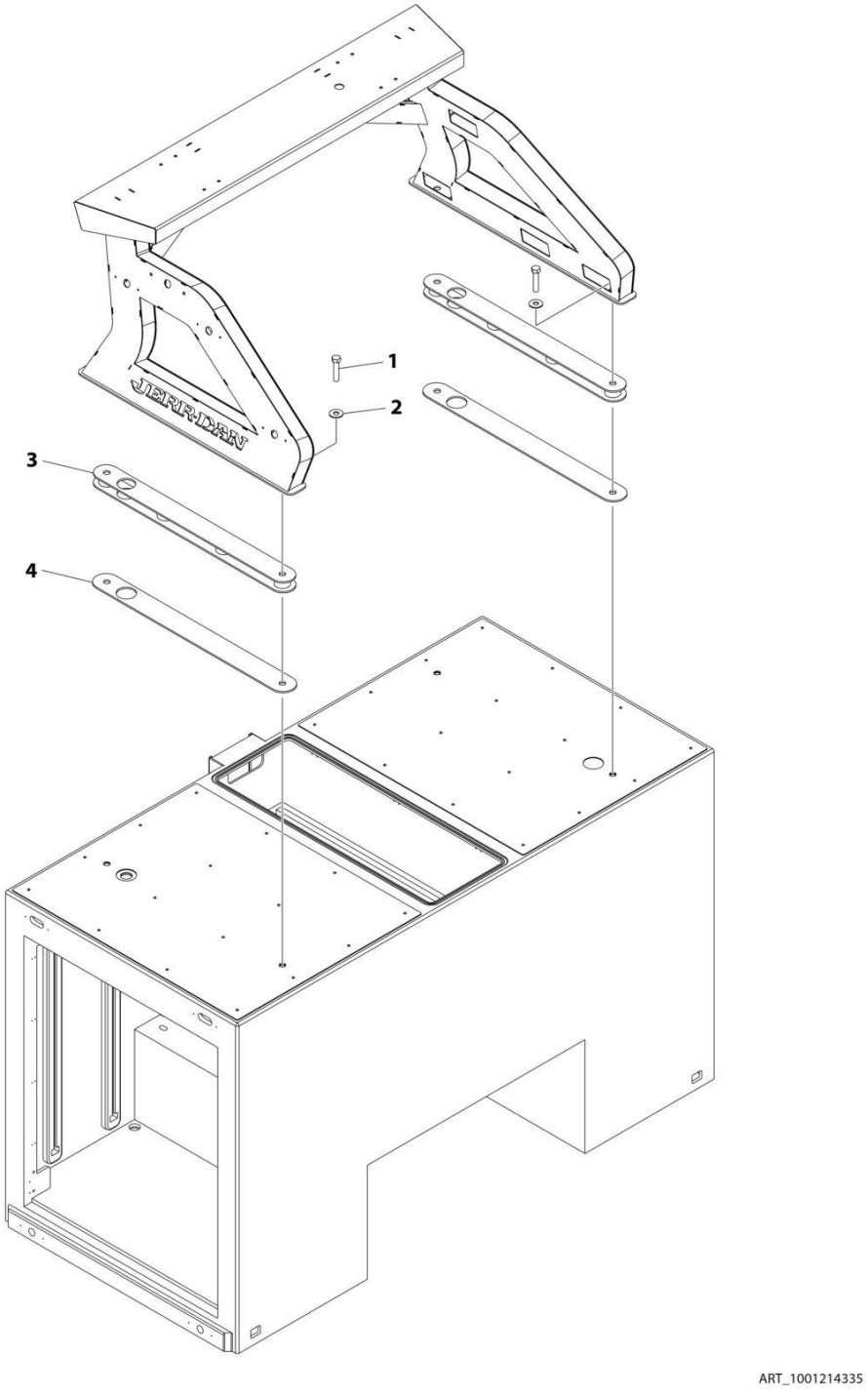


FIGURE 4-42. PYLON ADAPTER INSTALLATION - 51IN TUNNEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214335	Ref	PYLON ADAPTER INSTALLATION - 51IN TUNNEL	A
1	0642228	4	Capscrew 3/4 x 3-1/2	
2	4752200	4	Washer 3/4	
3	1001213111	2	Mount	
4	1001214130	2	Seal	

FIGURE 4-43. PYLON DRESS-UP KIT - 34IN POLISHED STAINLESS

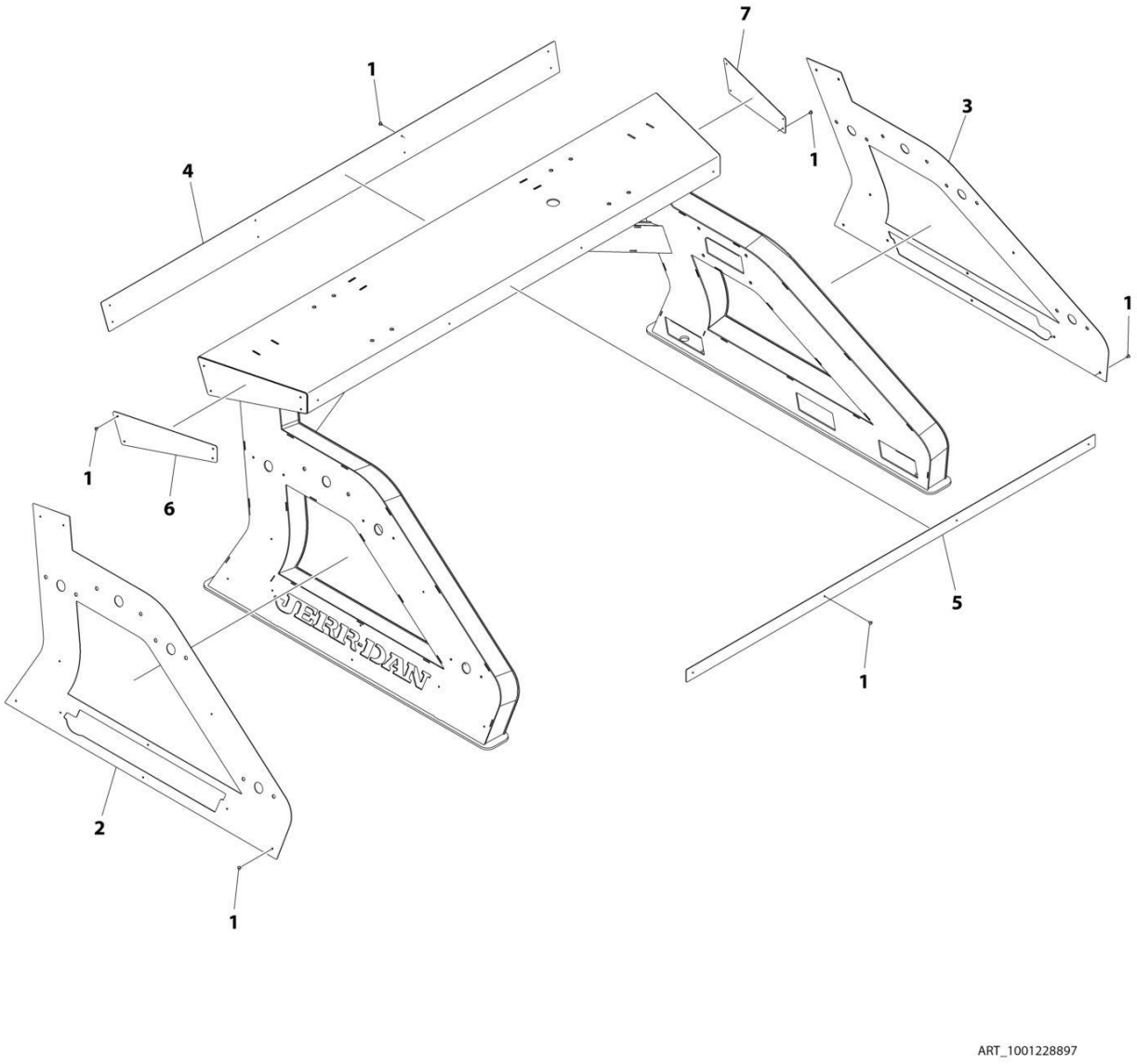


FIGURE 4-43. PYLON DRESS-UP KIT - 34IN POLISHED STAINLESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228897	Ref	PYLON DRESS-UP KIT - POLISHED SS (34IN)	A
1	1001156424	46	Rivet	
2	1001228903	1	Cover (LH)	
3	1001228904	1	Cover (RH)	
4	1001220369	1	Cover (Front)	
5	1001220370	1	Cover (Back)	
6	1001220371	1	Cover (Side LH)	
7	1001220372	1	Cover (Side RH)	

FIGURE 4-44. PYLON DRESS-UP KIT - 39IN POLISHED STAINLESS

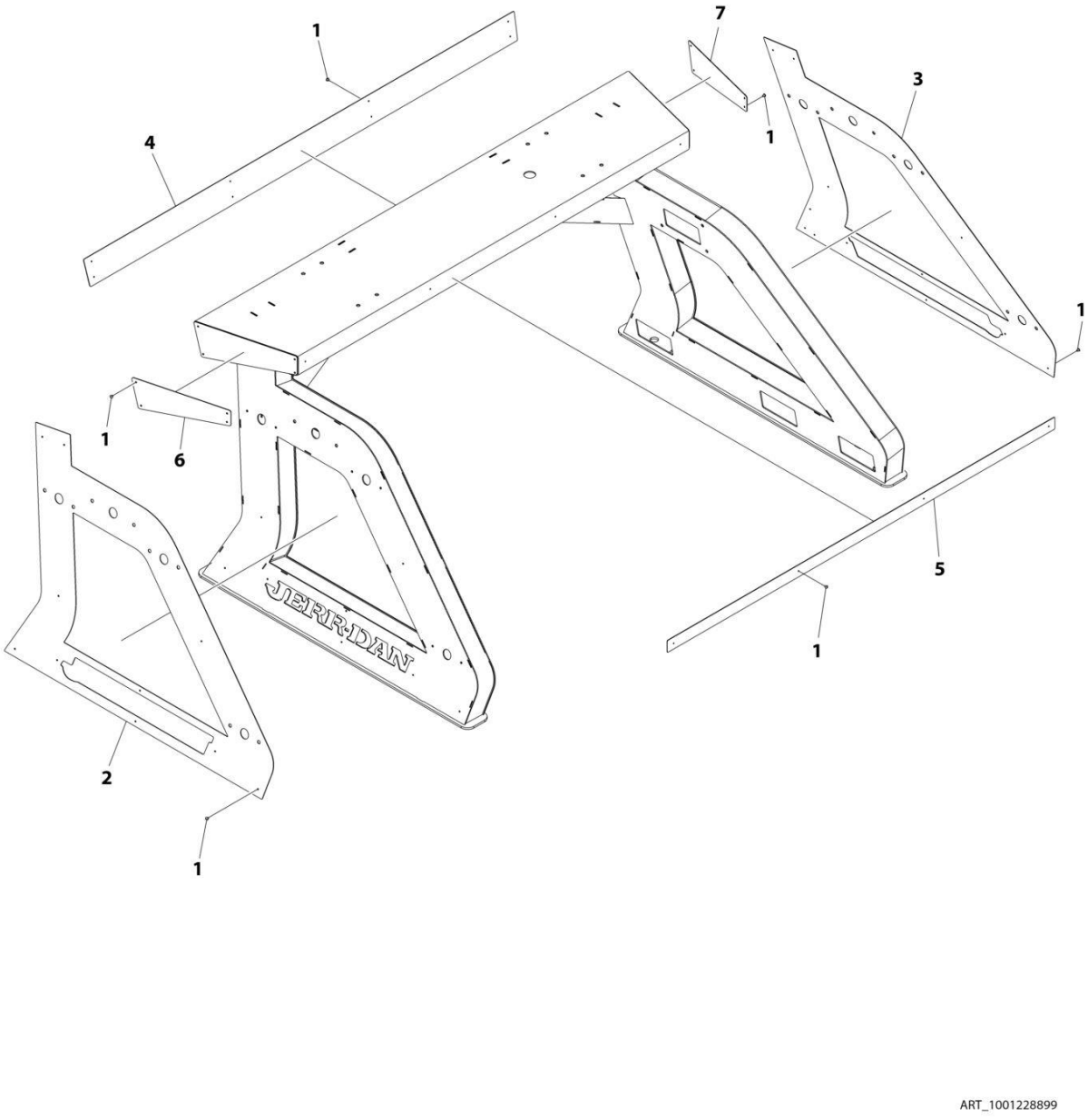


FIGURE 4-44. PYLON DRESS-UP KIT - 39IN POLISHED STAINLESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228899	Ref	PYLON DRESS-UP KIT - POLISHED SS (39IN)	A
1	1001156424	48	Rivet	
2	1001228907	1	Cover (LH)	
3	1001228908	1	Cover (RH)	
4	1001220369	1	Cover (Front)	
5	1001220370	1	Cover (Back)	
6	1001220373	1	Cover (Side LH)	
7	1001220374	1	Cover (Side RH)	

FIGURE 4-45. PYLON DRESS-UP KIT - 57IN POLISHED STAINLESS

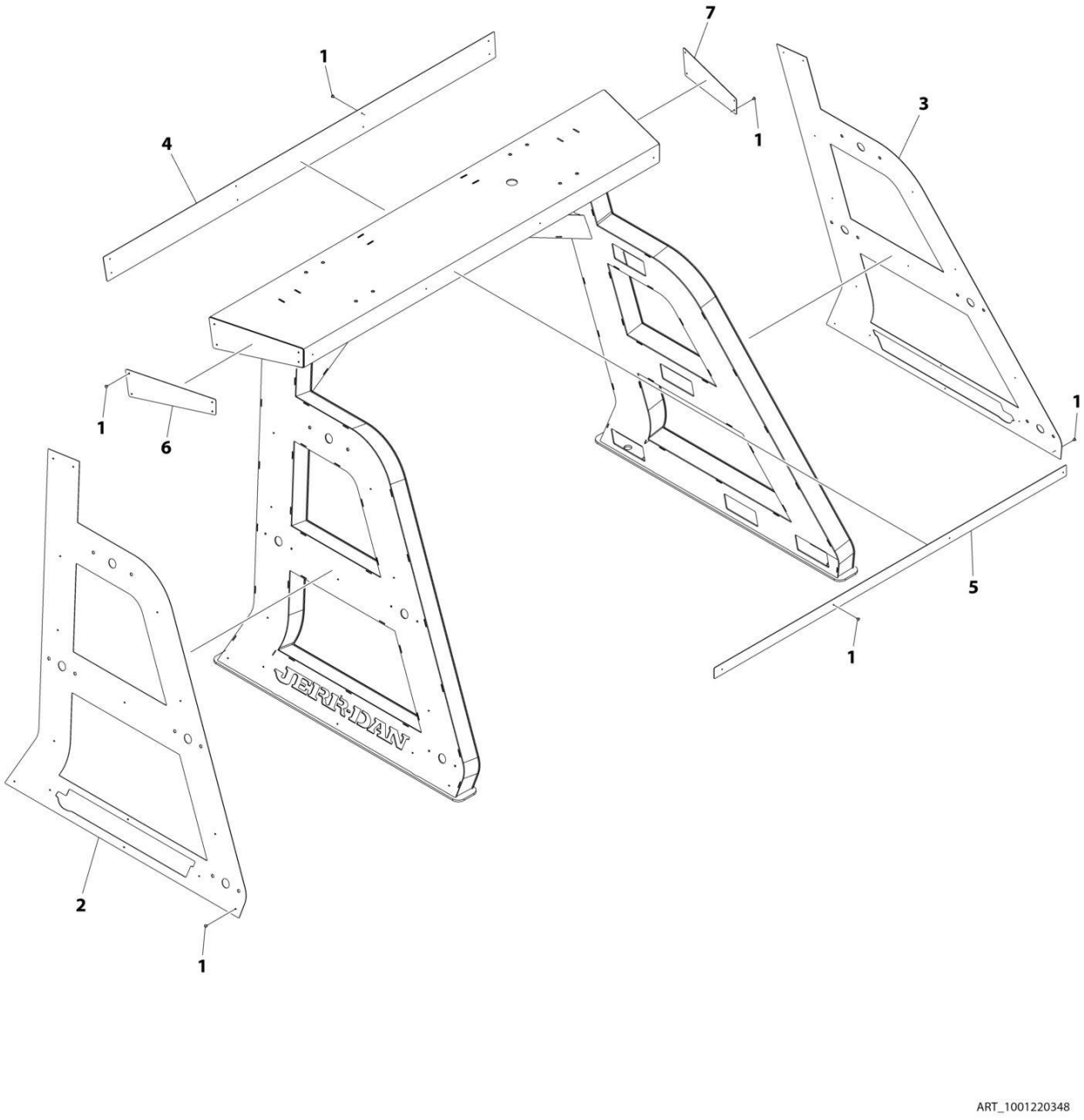


FIGURE 4-45. PYLON DRESS-UP KIT - 57IN POLISHED STAINLESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220348	Ref	PYLON DRESS-UP KIT - POLISHED SS (57IN)	B
1	1001156424	58	Rivet	
2	1001220367	1	Cover (LH)	
3	1001220368	1	Cover (RH)	
4	1001220369	1	Cover (Front)	
5	1001220370	1	Cover (Back)	
6	1001220375	1	Cover (Side LH)	
7	1001220376	1	Cover (Side RH)	

FIGURE 4-46. RUBRAIL TRIM INSTALLATION (50IN TUNNEL)

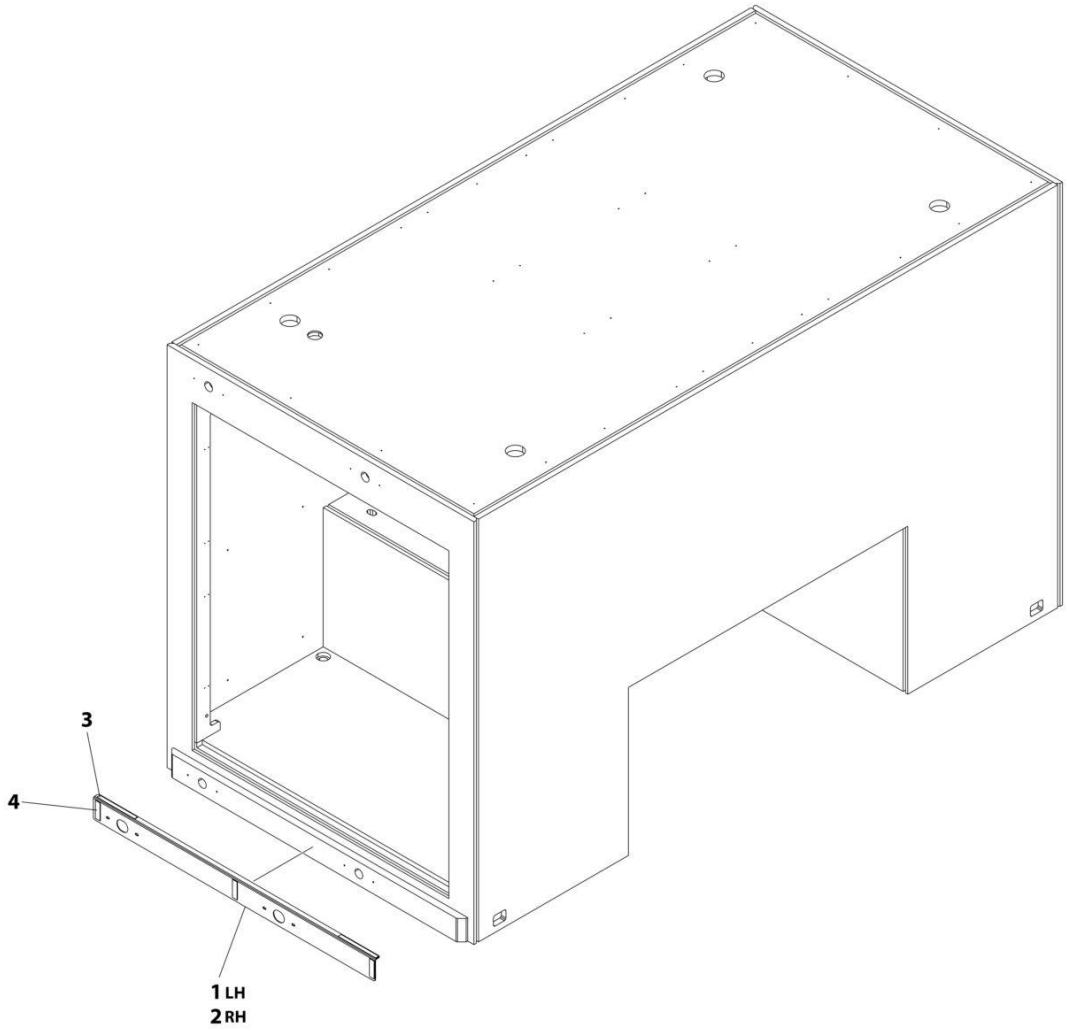


FIGURE 4-46. RUBRAIL TRIM INSTALLATION (50IN TUNNEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283560	Ref	RUBRAIL TRIM 50IN TUNNEL INSTALLATION	A
1	1001283564	1	Angle	
2	1001283565	1	Angle	
3	1001230987	2 ft	Tape	
4	7796000012	1.3 ft	Seal	

FIGURE 4-47. RUBRAIL TRIM INSTALLATION (36IN TUNNEL)

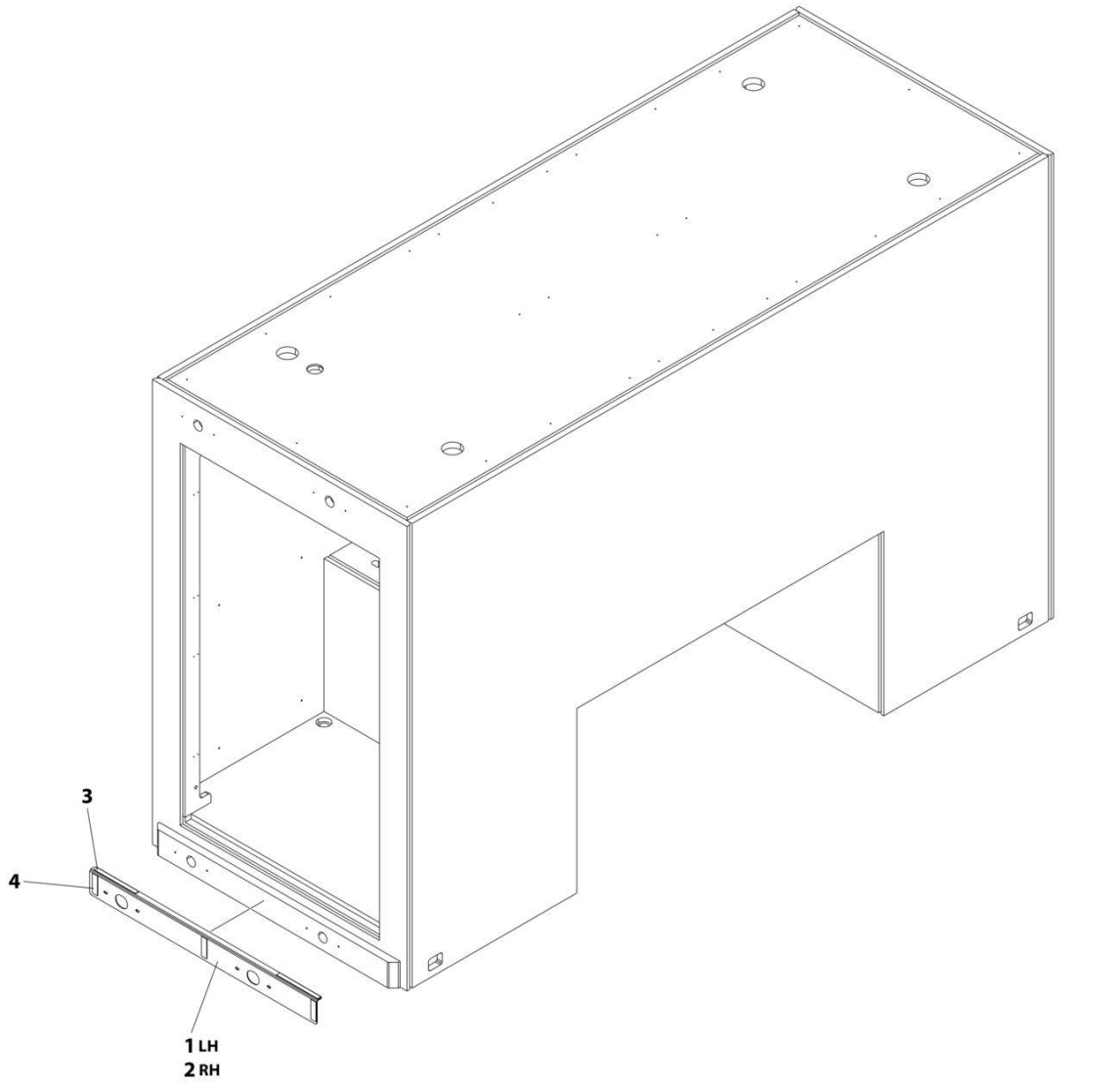


FIGURE 4-47. RUBRAIL TRIM INSTALLATION (36IN TUNNEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283561	Ref	RUBRAIL TRIM 36IN TUNNEL INSTALLATION	A
1	1001283566	1	Angle	
2	1001283567	1	Angle	
3	1001230987	2 ft	Tape	
4	7796000012	1.3 ft	Seal	

FIGURE 4-48. RUBRAIL TRIM INSTALLATION (76IN TUNNEL)

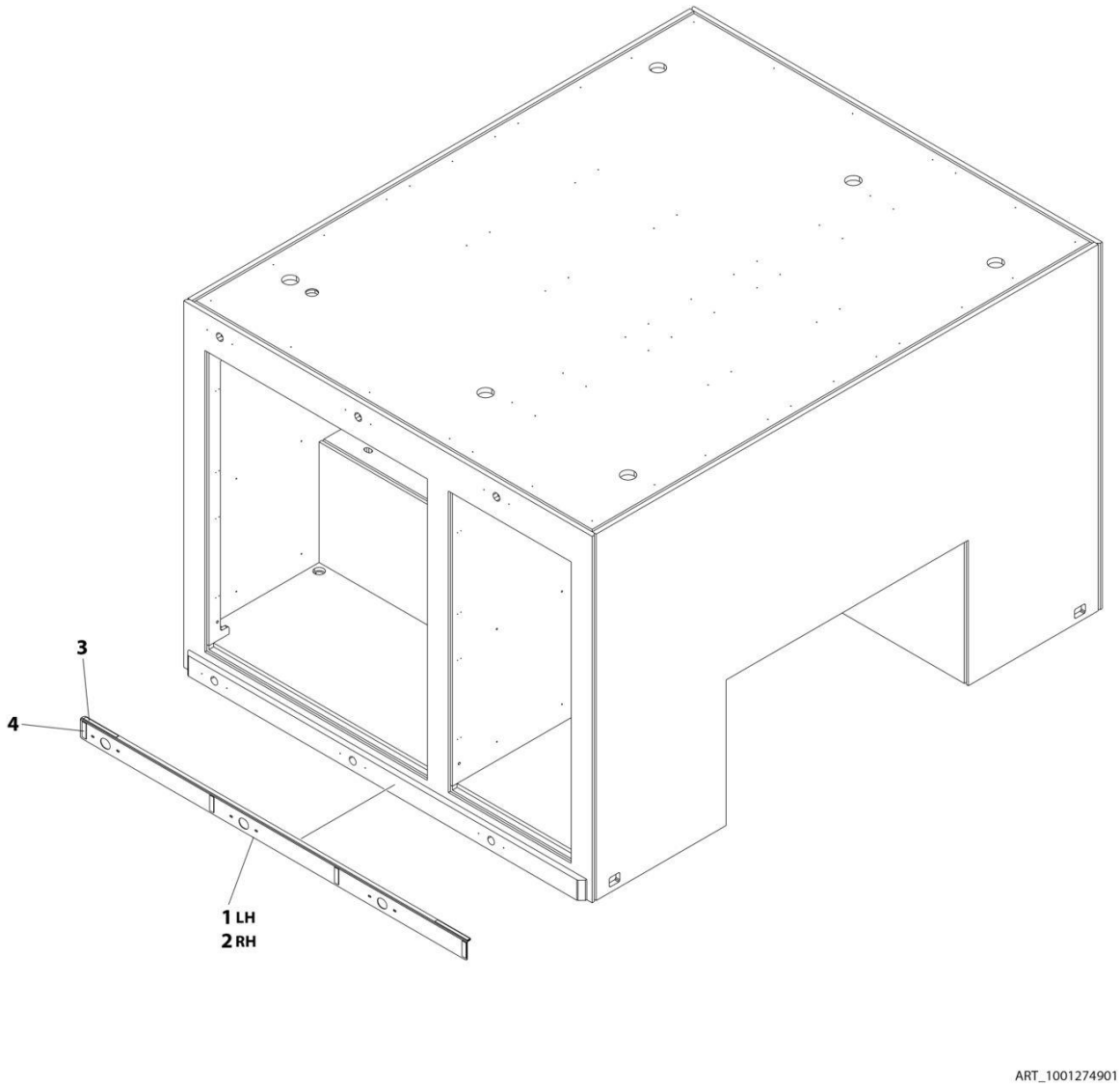


FIGURE 4-48. RUBRAIL TRIM INSTALLATION (76IN TUNNEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274901	Ref	RUBRAIL TRIM 76IN TUNNEL INSTALLATION	A
1	1001274903	1	Angle	
2	1001274904	1	Angle	
3	1001230987	2 ft	Tape	
4	7796000012	2 ft	Seal	

FIGURE 4-49. RUBRAIL TRIM INSTALLATION (88IN TUNNEL)

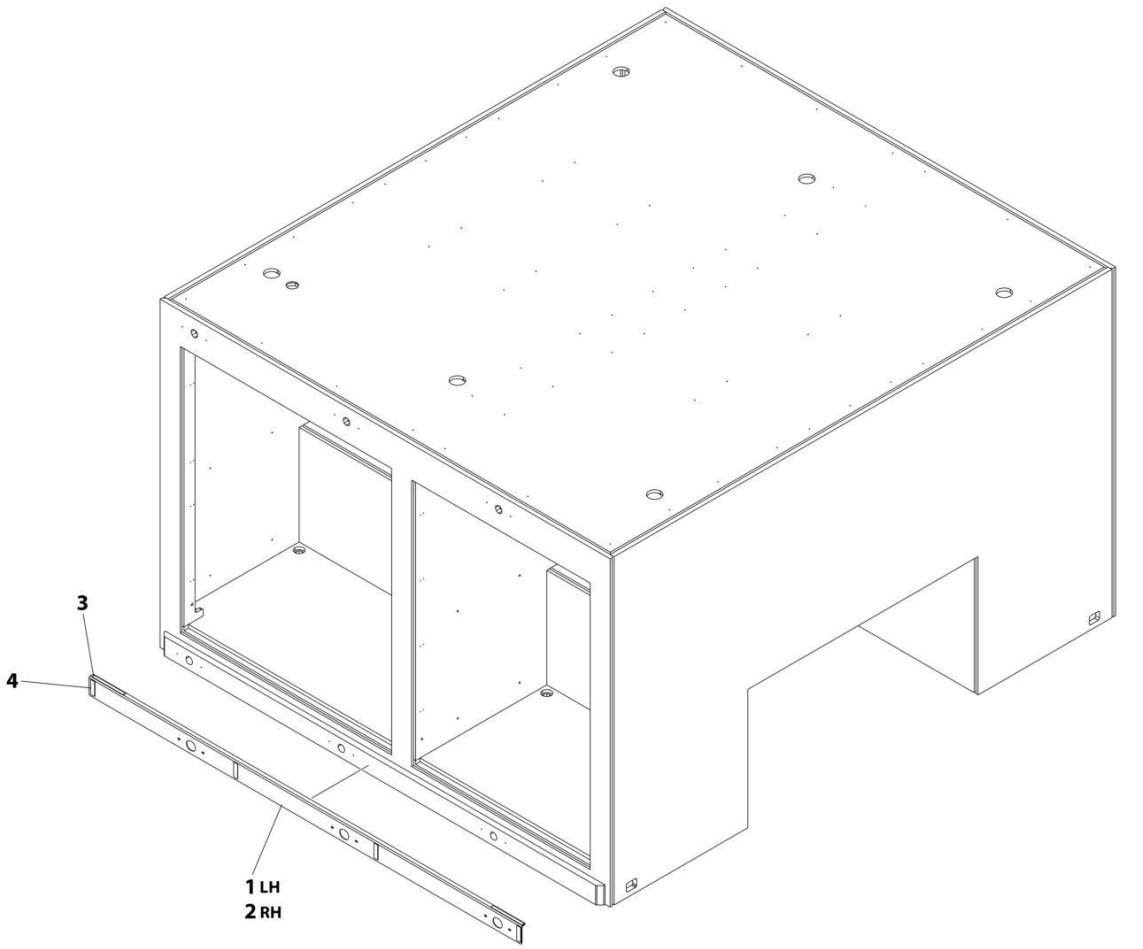


FIGURE 4-49. RUBRAIL TRIM INSTALLATION (88IN TUNNEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274902	Ref	RUBRAIL TRIM 88IN TUNNEL INSTALLATION	A
1	1001274963	1	Angle	
2	1001274964	1	Angle	
3	1001230987	2 ft	Tape	
4	7796000012	2 ft	Seal	

FIGURE 4-50. STEPS INSTALLATION

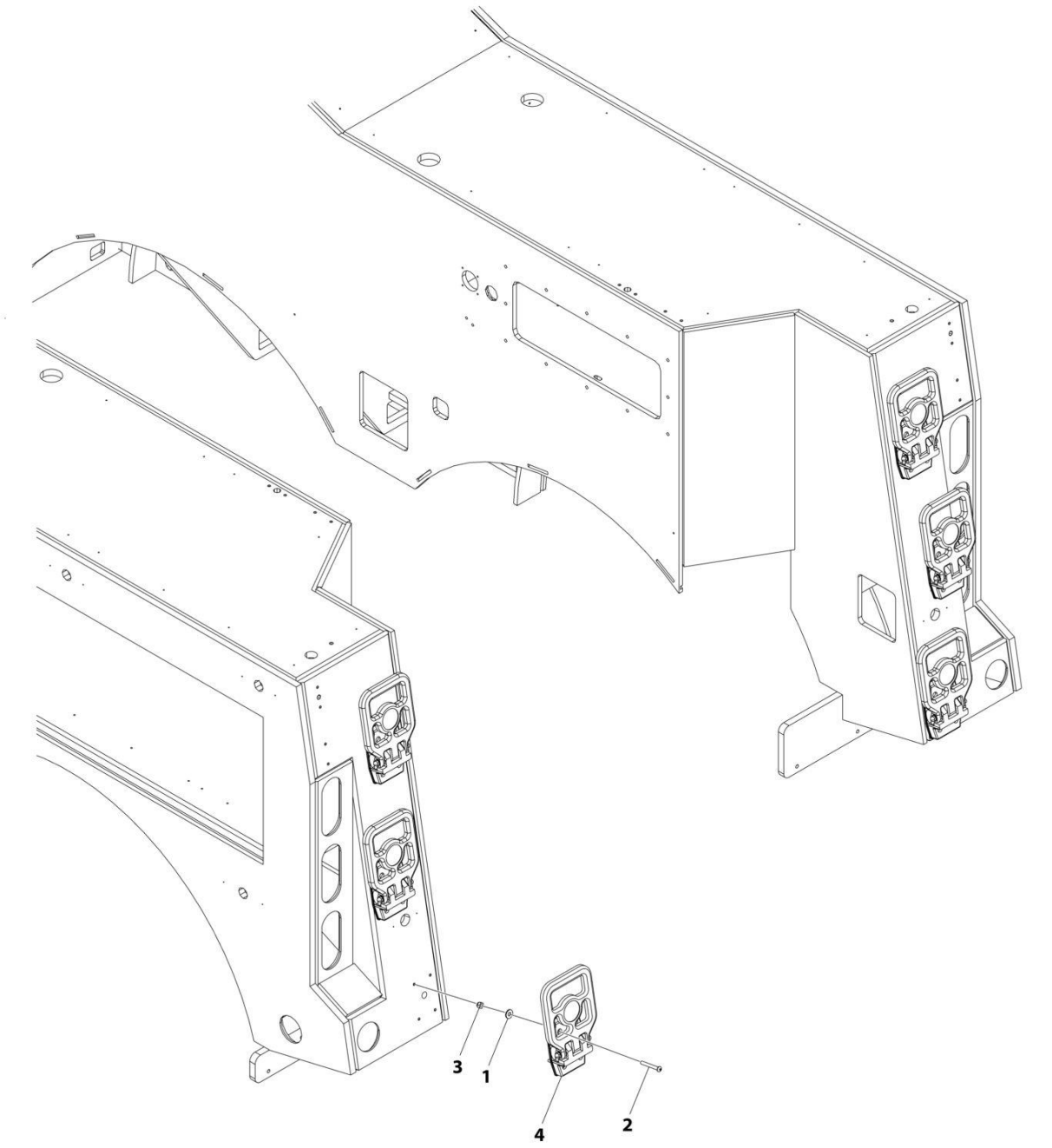


FIGURE 4-50. STEPS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289265	Ref	STEPS INSTALLATION	A
1	4751400	24	Washer 1/4	
2	7114141618	24	Bolt 1/4 x 2	
3	7660142601	24	Nut 1/4	
4	1001285503	6	Step	

FIGURE 4-51. STEPS INSTALLATION - SRS

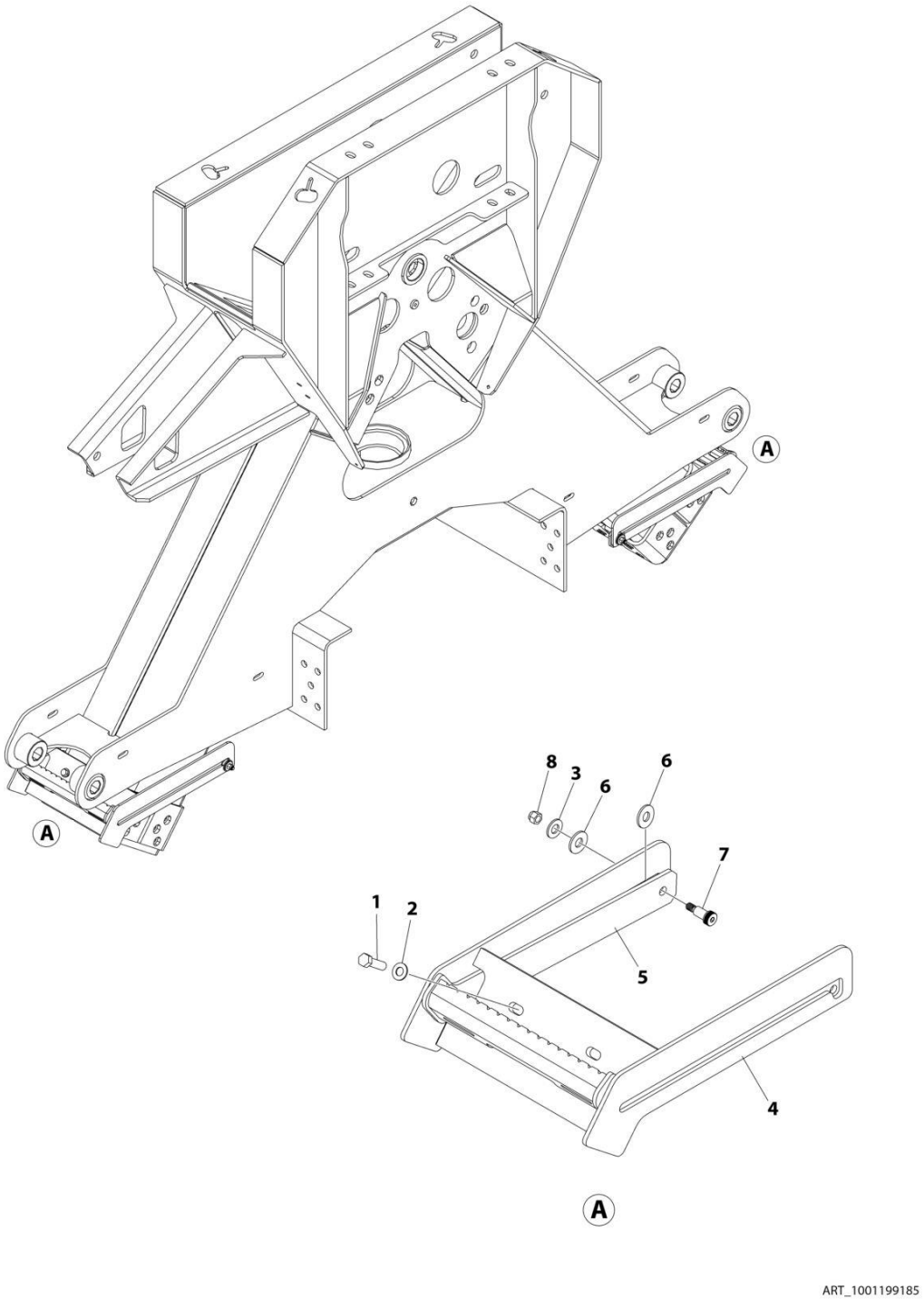


FIGURE 4-51. STEPS INSTALLATION - SRS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199185	Ref	STEP INSTALLATION	B
1	0641712	4	Capscrew 7/16 x 1-1/2	
2	4711700	4	Washer 7/16	
3	4711800	4	Washer 1/2	
4	1001190176	2	Mount	
5	1001214494	2	Ladder	
6	1001190343	8	Washer 1/2	
7	1001191540	4	Bolt 1/2 x 7/8	
8	7660162604	4	Nut 3/8	

FIGURE 4-52. RUB RAIL DRESS-UP KIT (TRI-AXLE)

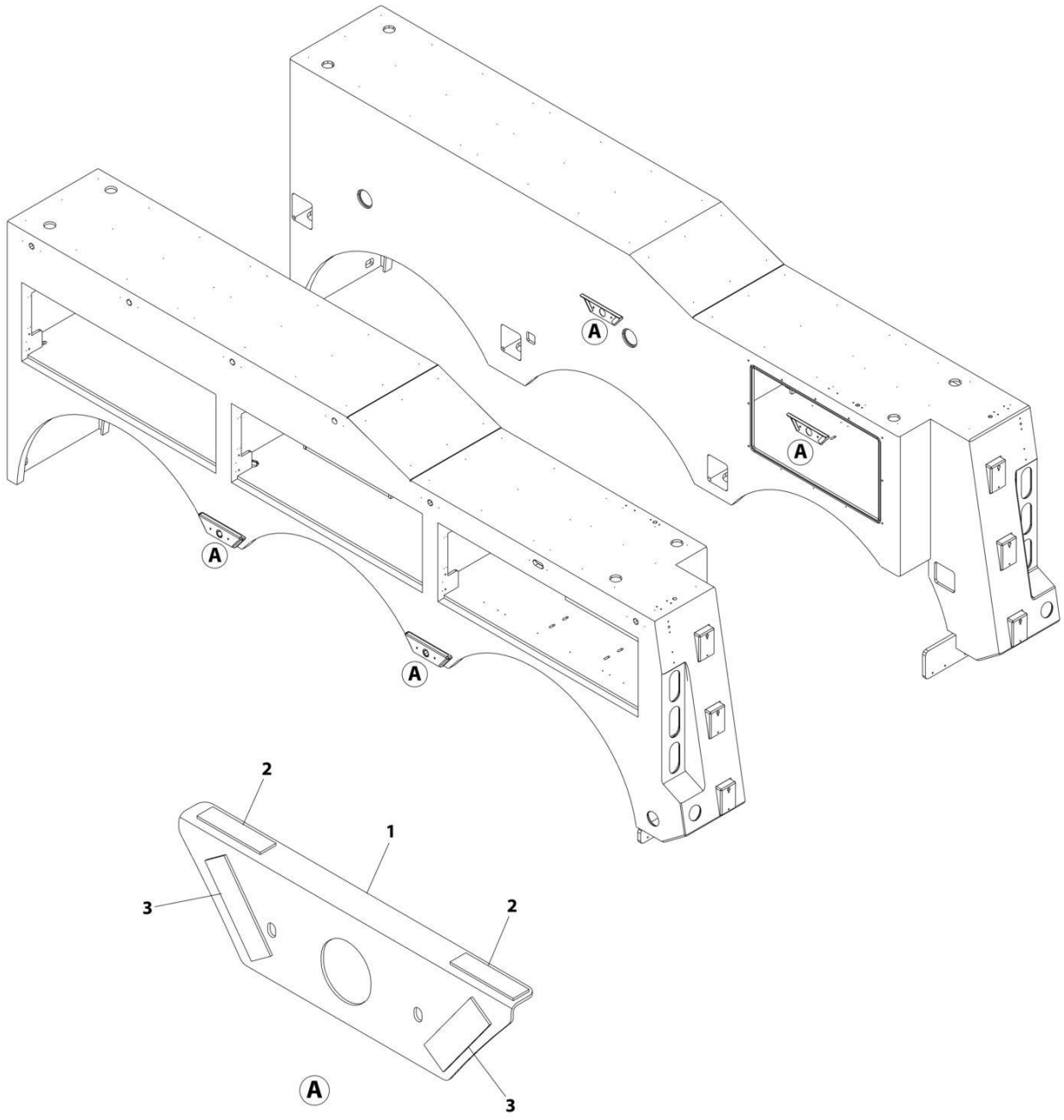


FIGURE 4-52. RUB RAIL DRESS-UP KIT (TRI-AXLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234480	Ref	RUB RAIL DRESS-UP INSTALLATION (TRI-AXLE)	A
1	1001230966	4	Angle	
2	1001230987	2 ft	Tape	
4	7796000012	2 ft	Seal	

FIGURE 4-53. RUB RAIL DRESS-UP KIT (TANDEM)

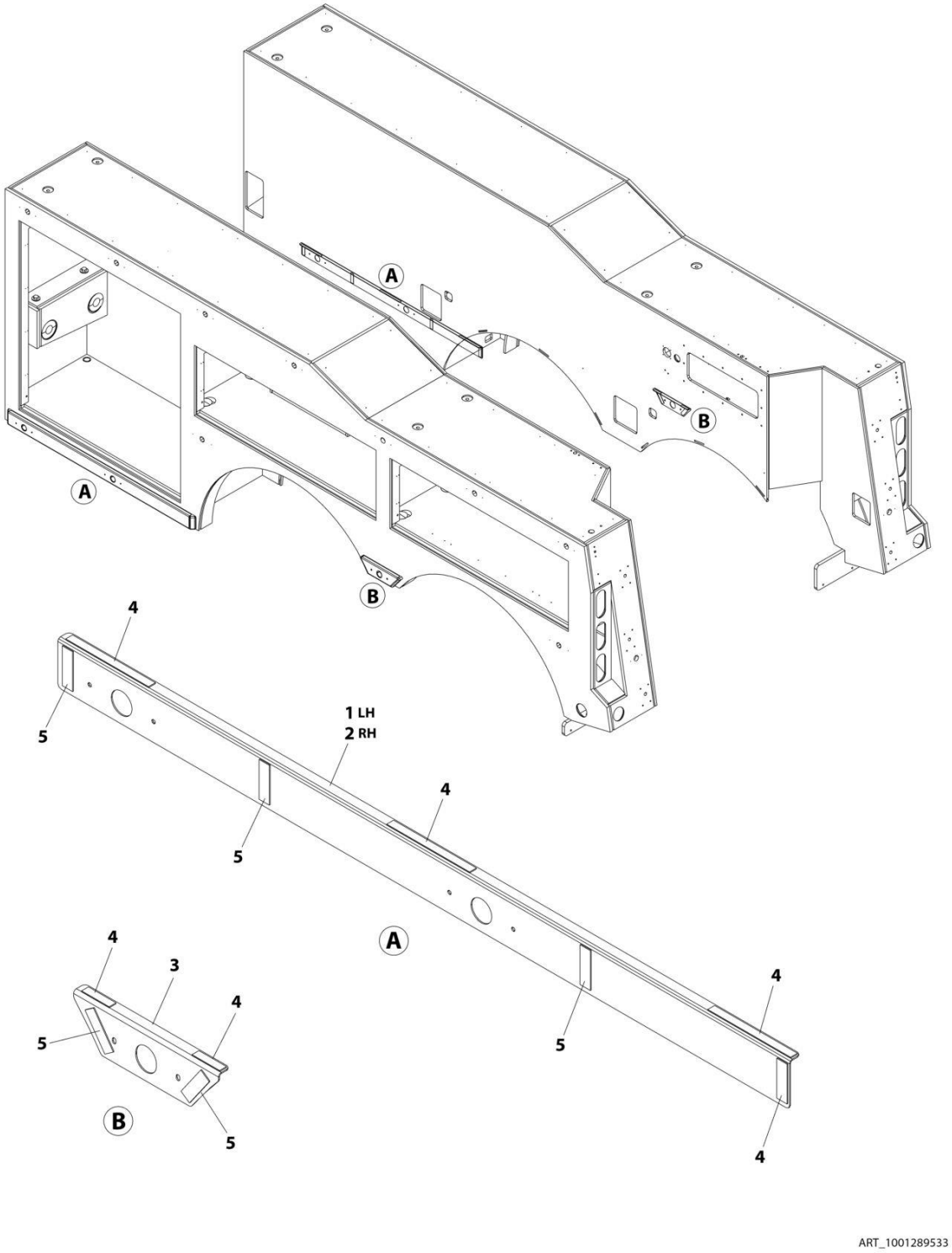


FIGURE 4-53. RUB RAIL DRESS-UP KIT (TANDEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289533	Ref	RUB RAIL DRESS-UP INSTALLATION (TANDEM AXLE)	A
1	1001289544	1	Angle	
2	1001289545	1	Angle	
3	1001230966	2	Angle	
4	1001230987	3.7 ft	Tape	
5	7796000012	2.5 ft	Seal	

FIGURE 4-54. STORAGE - CHAIN RACK INSTALLATION (50IN)

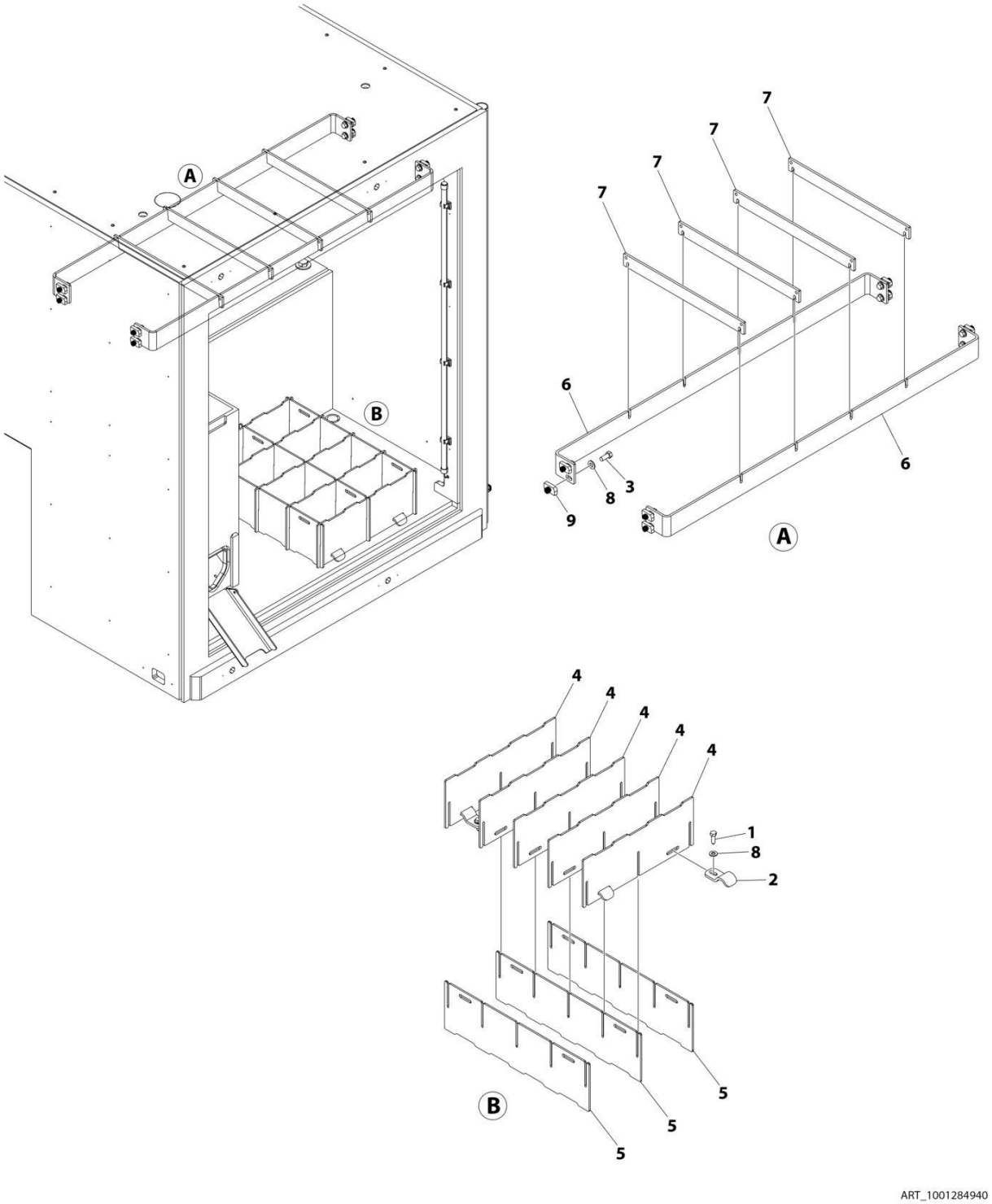


FIGURE 4-54. STORAGE - CHAIN RACK INSTALLATION (50IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284940	Ref	CHAIN RACK (50IN)	A
1	1001168545	4	Capscrew 3/8 x 1-1/4	
2	1001175596	4	Clamp	
3	1001210454	8	Bolt 3/8 x 7/8	
4	1001282692	5	Plate, Chain Pocket	
5	1001282693	3	Plate, Chain Pocket	
6	1001284944	2	Bar, Chain Rack	
7	1001284948	4	Bar, Chain Rack	
8	7950160143	12	Washer 3/8	
9	1001166644	8	Spring Nut 3/8	

FIGURE 4-55. STORAGE - CHAIN RACK INSTALLATION (38IN)

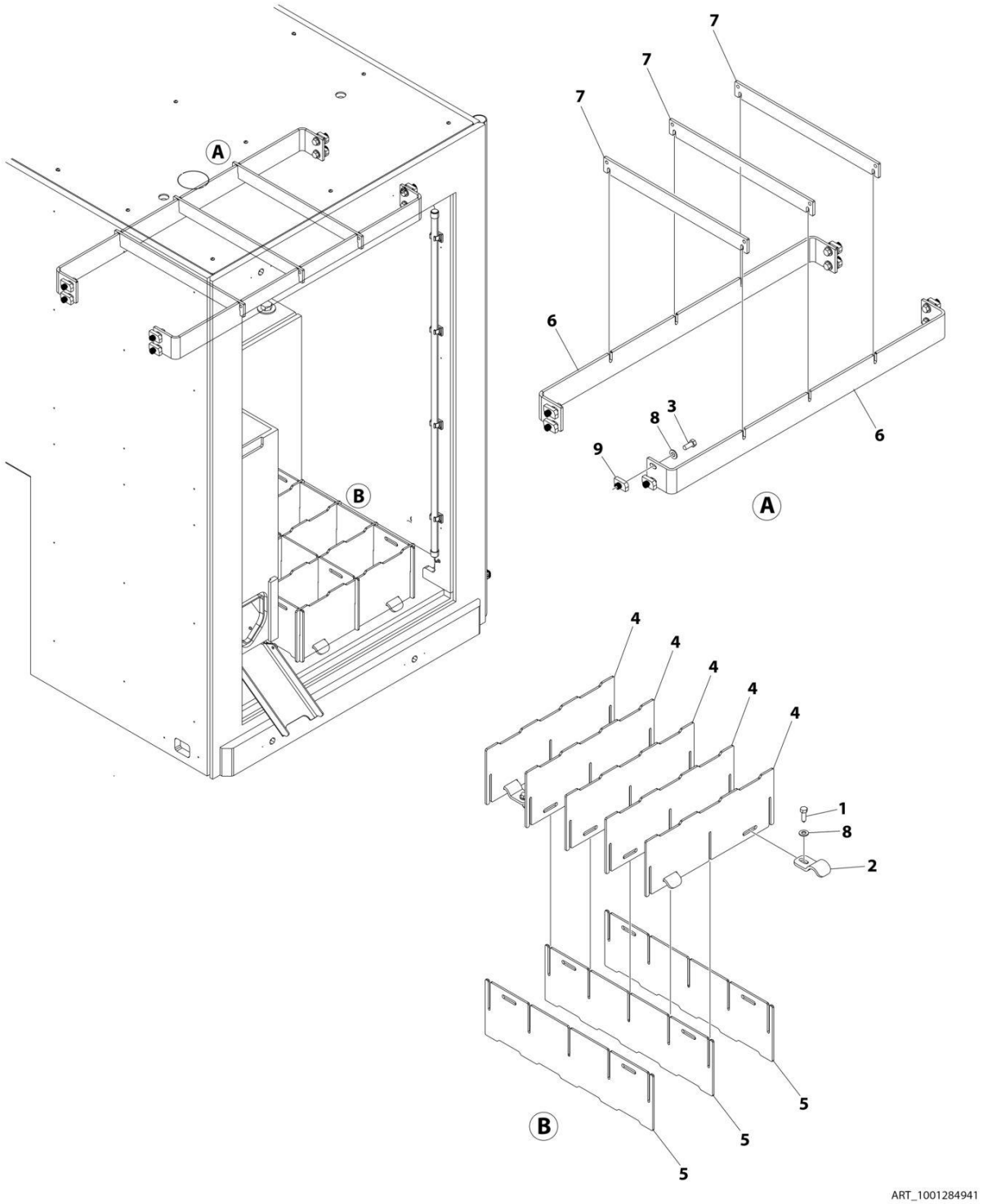


FIGURE 4-55. STORAGE - CHAIN RACK INSTALLATION (38IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284941	Ref	CHAIN RACK (38IN)	A
1	1001168545	4	Capscrew 3/8 x 1-1/4	
2	1001175596	4	Clamp	
3	1001210454	8	Bolt 3/8 x 7/8	
4	1001282692	5	Plate, Chain Pocket	
5	1001282693	3	Plate, Chain Pocket	
6	1001284945	2	Bar, Chain Rack	
7	1001284948	3	Bar, Chain Rack	
8	7950160143	12	Washer 3/8	
9	1001166644	8	Spring Nut 3/8	

FIGURE 4-56. STORAGE - CHAIN RACK INSTALLATION (76IN) REAR

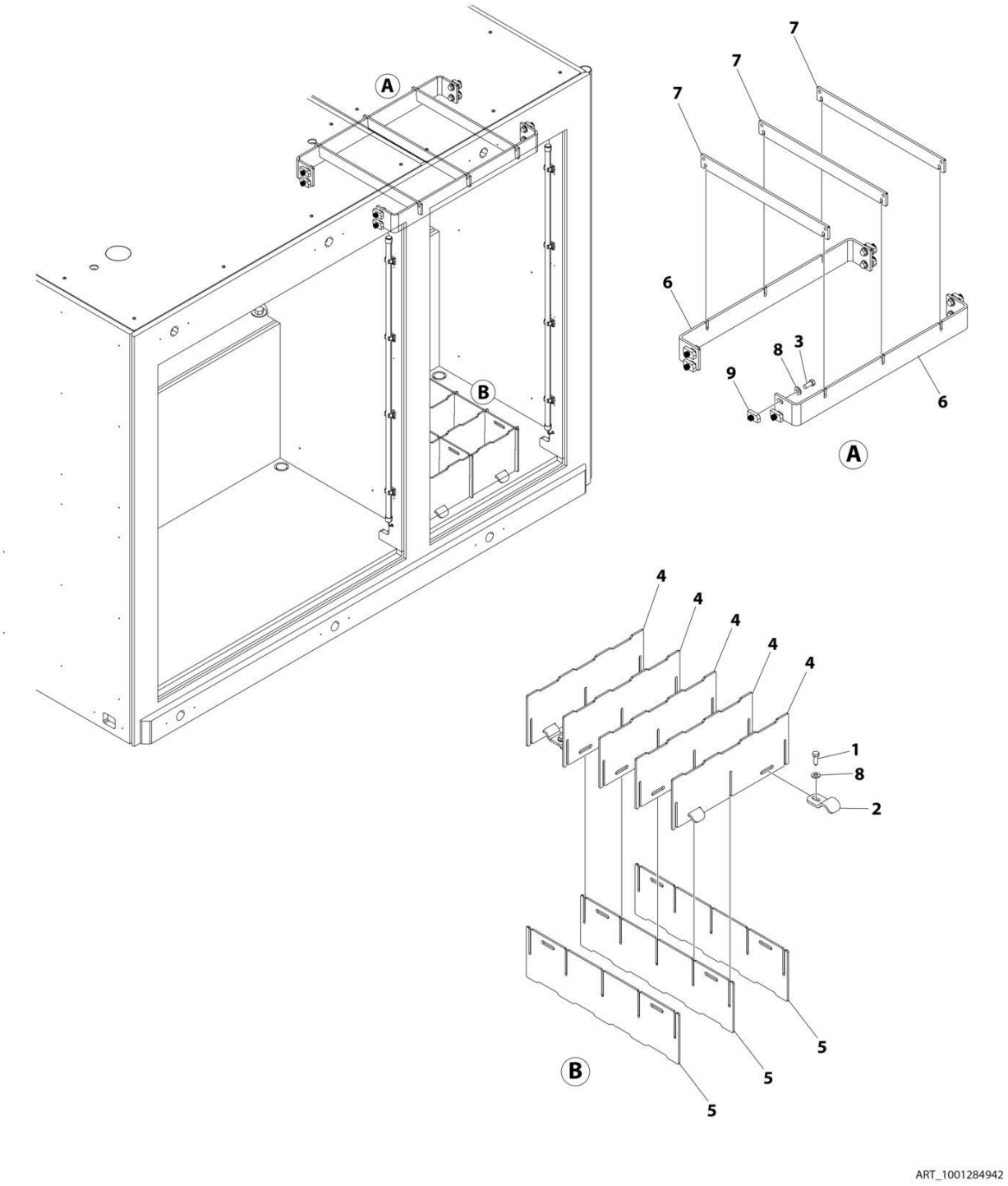


FIGURE 4-56. STORAGE - CHAIN RACK INSTALLATION (76IN) REAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284942	Ref	CHAIN RACK (76IN)	A
1	1001168545	4	Capscrew 3/8 x 1-1/4	
2	1001175596	4	Clamp	
3	1001210454	8	Bolt 3/8 x 7/8	
4	1001282692	5	Plate, Chain Pocket	
5	1001282693	3	Plate, Chain Pocket	
6	1001284946	2	Bar, Chain Rack	
7	1001284948	3	Bar, Chain Rack	
8	7950160143	12	Washer 3/8	
9	1001166644	8	Spring Nut 3/8	

FIGURE 4-57. STORAGE - CHAIN RACK INSTALLATION (88IN) REAR

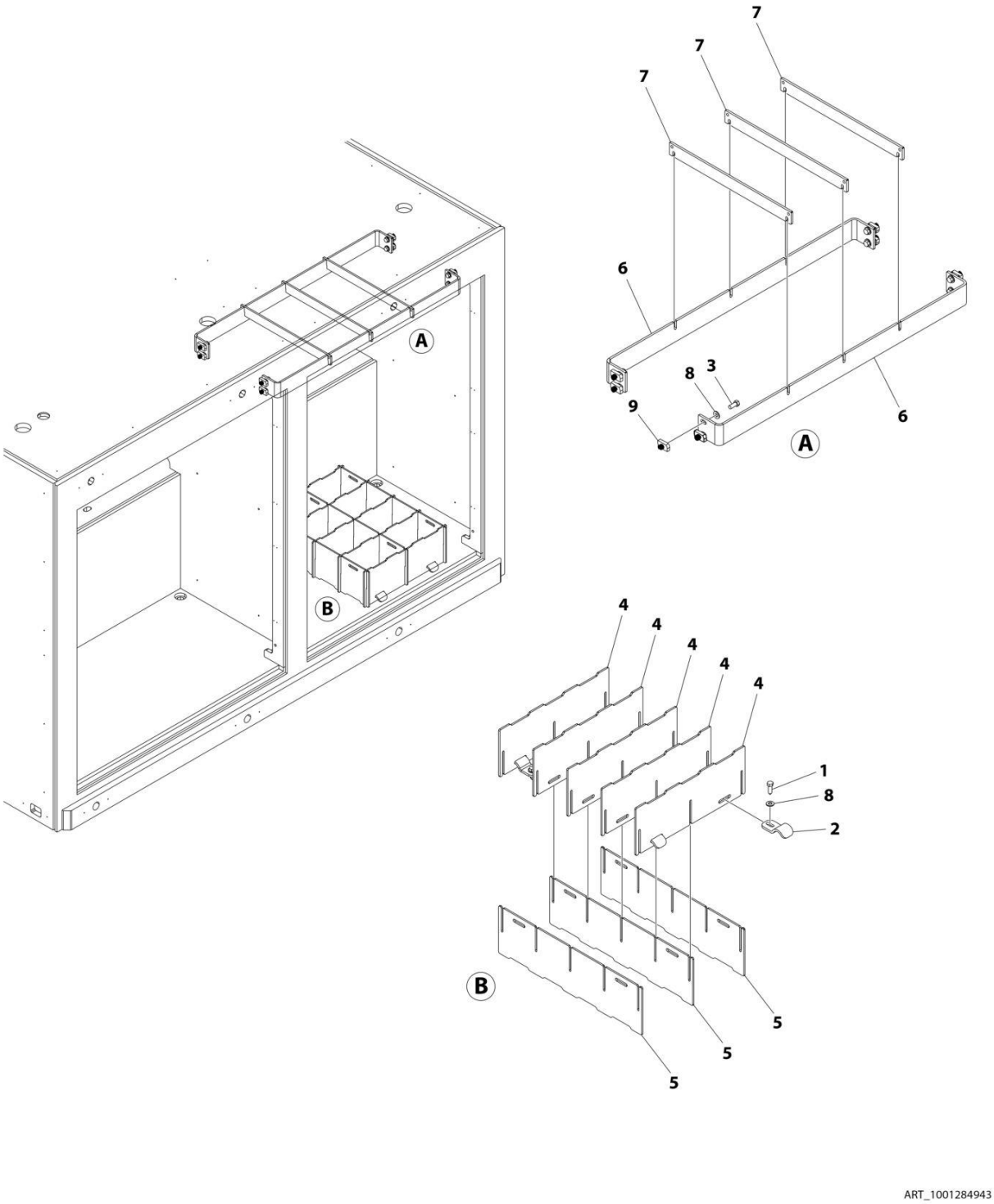


FIGURE 4-57. STORAGE - CHAIN RACK INSTALLATION (88IN) REAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284943	Ref	CHAIN RACK (88IN)	A
1	1001168545	4	Capscrew 3/8 x 1-1/4	
2	1001175596	4	Clamp	
3	1001210454	8	Bolt 3/8 x 7/8	
4	1001282692	5	Plate, Chain Pocket	
5	1001282693	3	Plate, Chain Pocket	
6	1001284947	2	Bar, Chain Rack	
7	1001284948	3	Bar, Chain Rack	
8	7950160143	12	Washer 3/8	
9	1001166644	8	Spring Nut 3/8	

FIGURE 4-58. STORAGE - CHAIN/TOOL RACK INSTALLATION (ROTARY RACK)

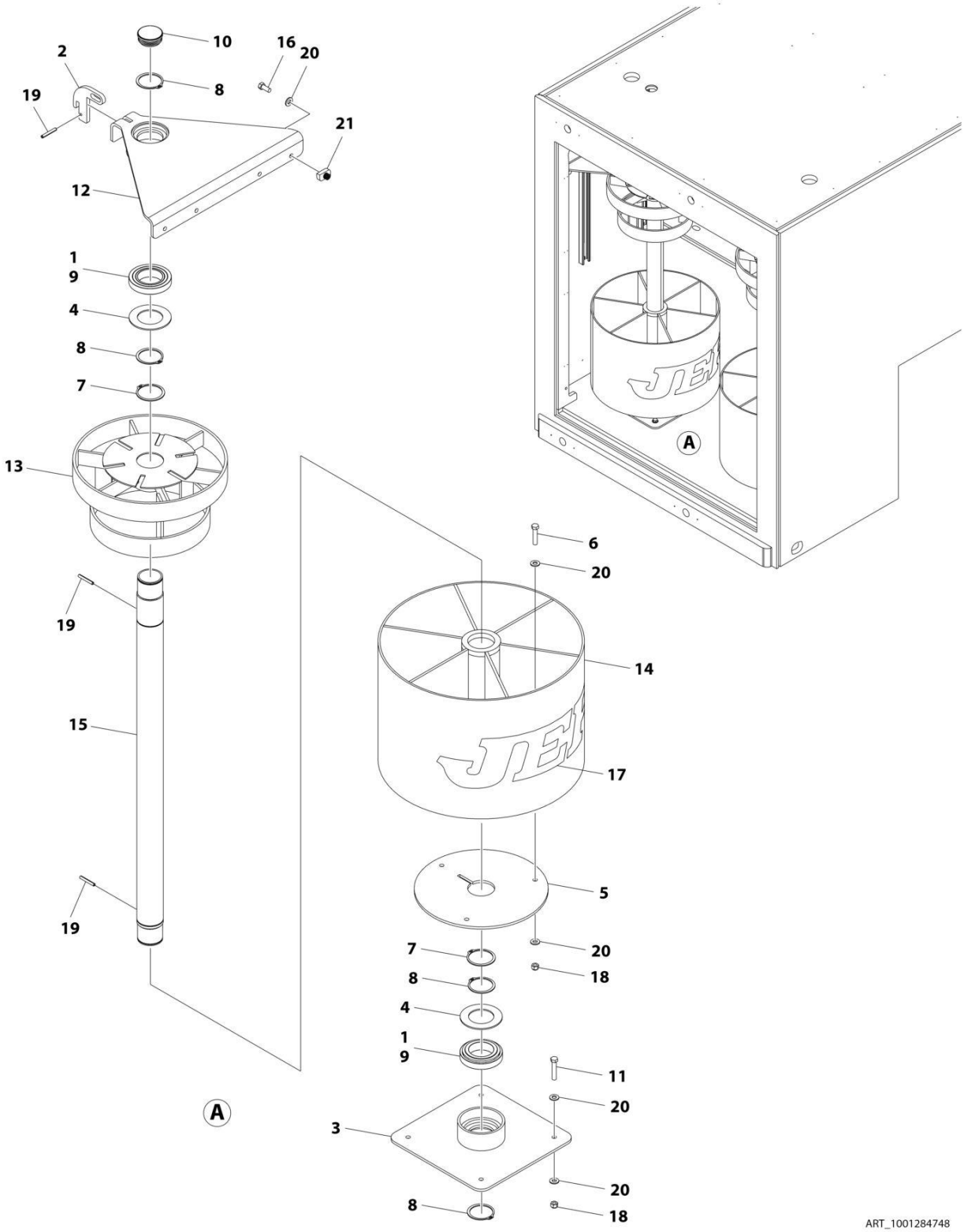
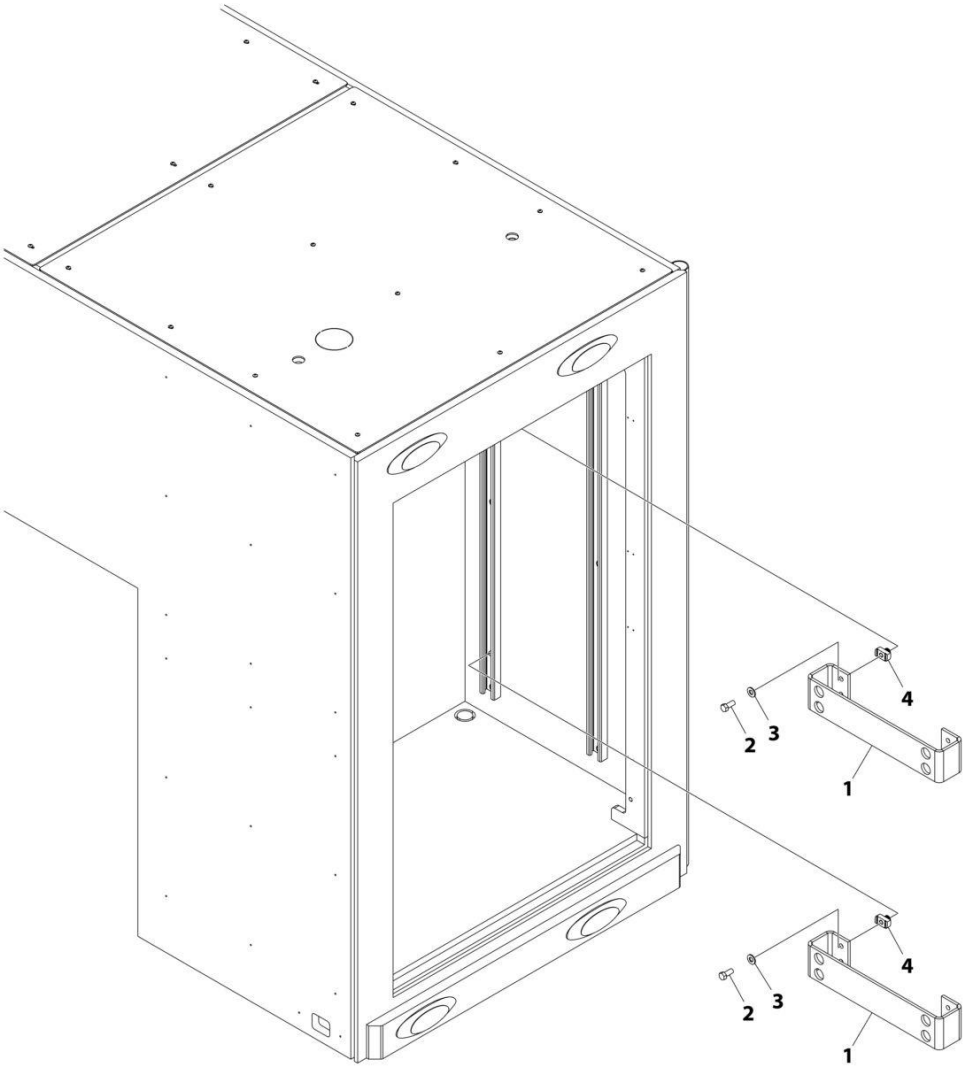


FIGURE 4-58. STORAGE - CHAIN/TOOL RACK INSTALLATION (ROTARY RACK)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284748	Ref	ROTARY TOOL RACK INSTALLATION	A
1	3020029	1	Lubricant	
2	1001165564	1	Plate	
3	1001165571	1	Bracket	
4	1001165584	2	Plate	
5	1001165652	1	Support	
6	1001168544	3	Capscrew 3/4 x 1-3/4	
7	1001169063	2	Ring, Retaining	
8	1001169064	4	Ring, Retaining	
9	1001169076	2	Bearing	
10	1001169078	1	Plug	
11	1001169083	4	Bolt 3/8 x 2	
12	1001190218	1	Bracket	
13	1001190223	1	Bracket	
14	1001190228	1	Tray	
15	1001190265	1	Tube	
16	1001210454	2	Bolt 3/8 x 7/8	
17	7330000535	1	Decal	
18	7660162601	7	Nut 3/8	
19	7690142845	3	Pin	
20	7950160143	16	Washer 3/8	
21	1001166644	2	Spring Nut 3/8	

FIGURE 4-59. STORAGE - CHAIN RACK INSTALLATION (SIDE WALL)



ART_1001285035

FIGURE 4-59. STORAGE - CHAIN RACK INSTALLATION (SIDE WALL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285035	Ref	CHAIN RACK	A
1	1001189776	2	Plate	
2	1001210454	8	Bolt 3/8 x 7/8	
3	7950160143	8	Washer 3/8	
4	1001166644	8	Spring Nut 3/8	

FIGURE 4-60. STORAGE - CHAIN/BINDER RACK INSTALLATION (TANDEM)

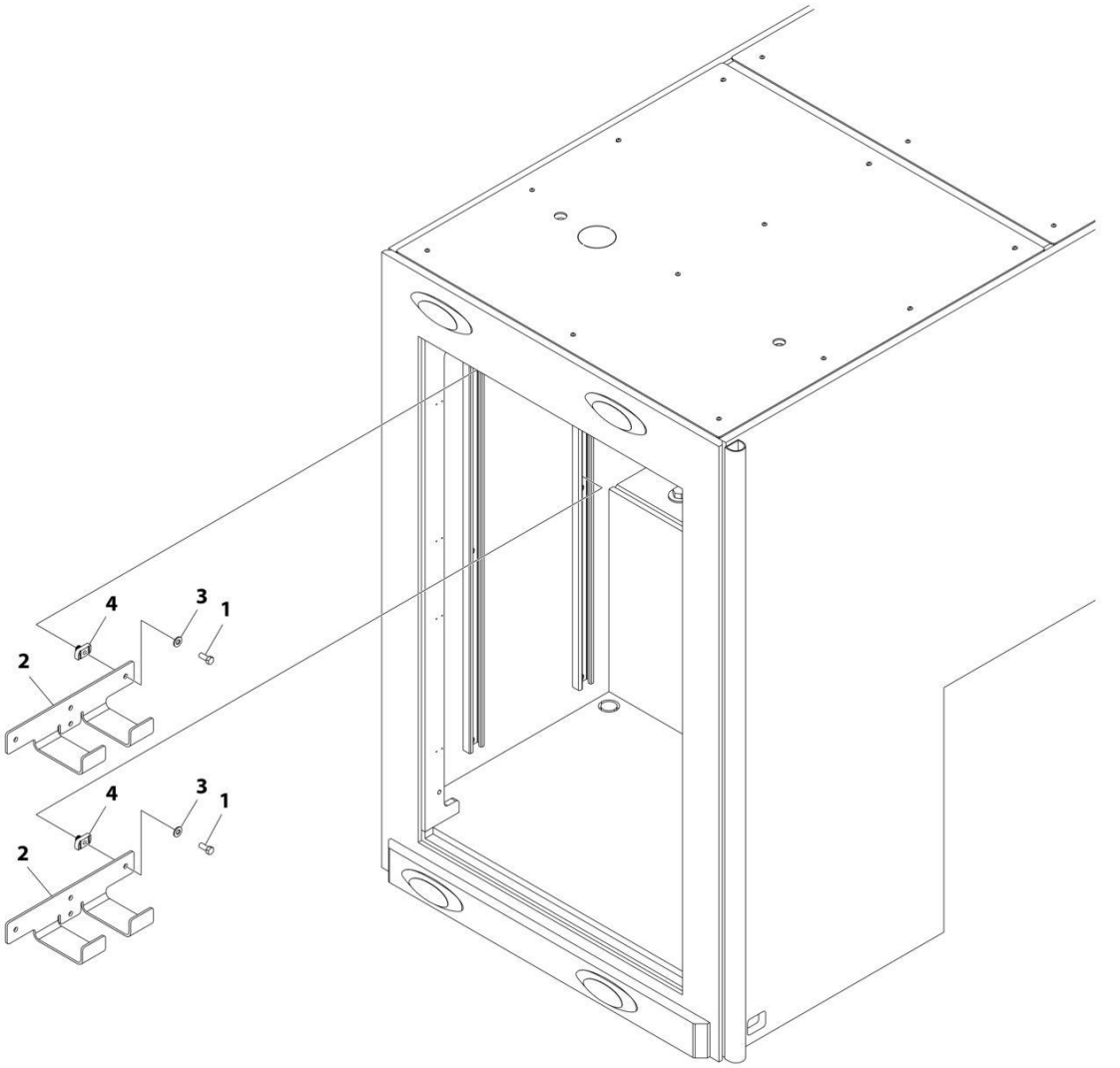


FIGURE 4-60. STORAGE - CHAIN/BINDER RACK INSTALLATION (TANDEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285053	Ref	CHAIN BINDER RACK INSTALLATION (TANDEM)	B
1	1001210454	4	Bolt 3/8 x 7/8	
2	1001285055	2	Hook, Storage Chain Binder	
3	7950160143	4	Washer 3/8	
4	1001166644	4	Spring Nut 3/8	

FIGURE 4-61. STORAGE - DRAWER INSTALLATION - TILT DOWN 51IN

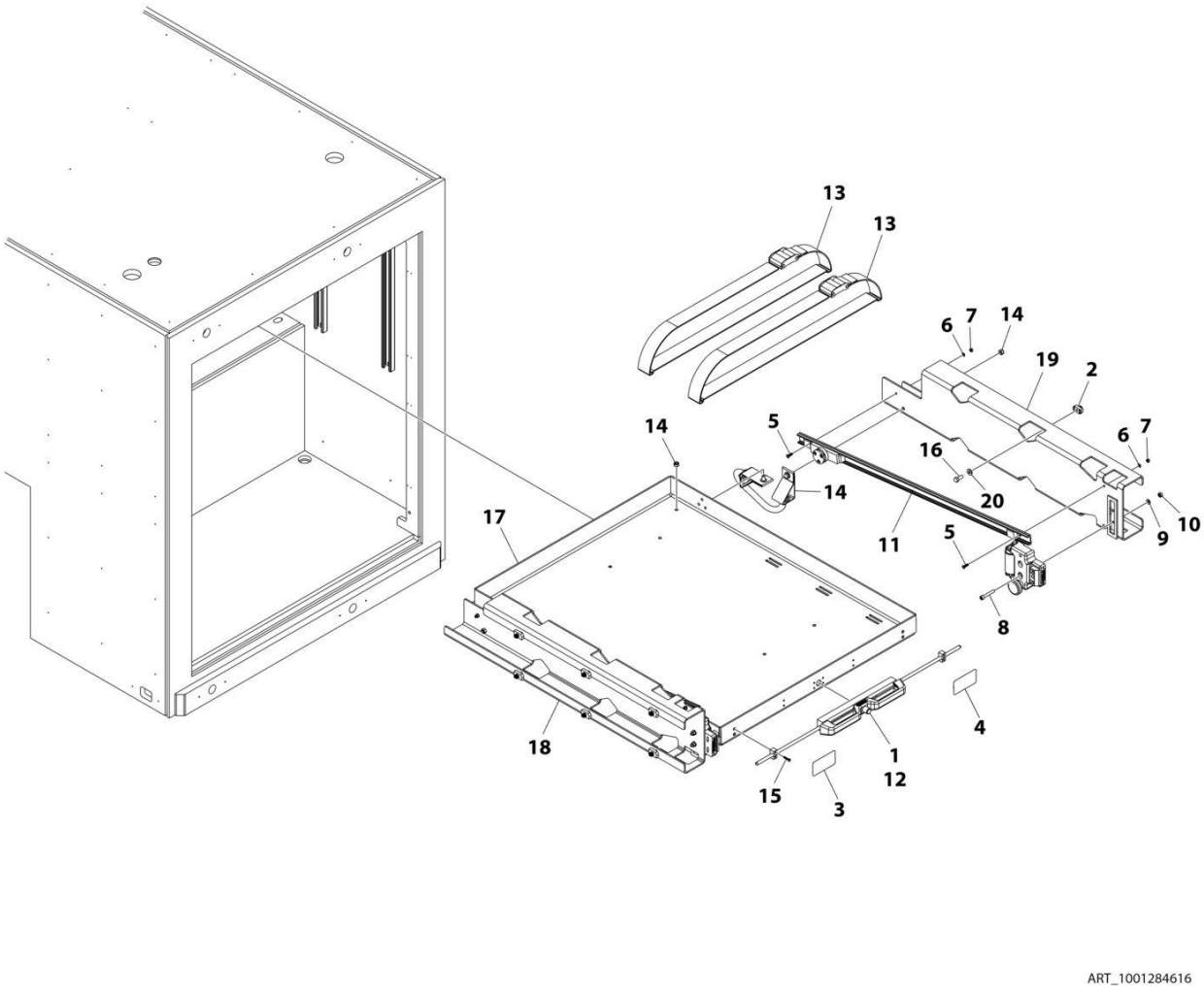


FIGURE 4-61. STORAGE - DRAWER INSTALLATION - TILT DOWN 51IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284616	Ref	DRAWER INSTALLATION - TILT DOWN (50IN)	B
1	3020029	AR	Lubricant	
2	1001166644	12	Spring Nut 3/8	
3	1001170090	1	Decal, Warning	
4	1001170091	1	Decal, Capacity	
5	1001170305	4	Bolt	
6	1001170307	4	Washer M6	
7	1001170310	4	Nut M6	
8	1001170328	4	Screw	
9	1001170329	4	Washer M8	
10	1001170330	4	Nut M8	
11	1001170331	1	Roller Assembly	
12	1001170332	1	Handle and Latch Assembly	
13	1001170428	2	Strap	
14	1001179349	2	Strap	
15	1001200997	4	Screw M5 x 25	
16	1001210454	12	Bolt 3/8 x 7/8	
17	1001284619	1	Tray, Tilt-Down	
18	1001284622	1	Bracket, LH	
19	1001284623	1	Bracket, RH	
20	7950160143	12	Washer 3/8	

FIGURE 4-62. STORAGE - DRAWER INSTALLATION - TILT DOWN 38IN

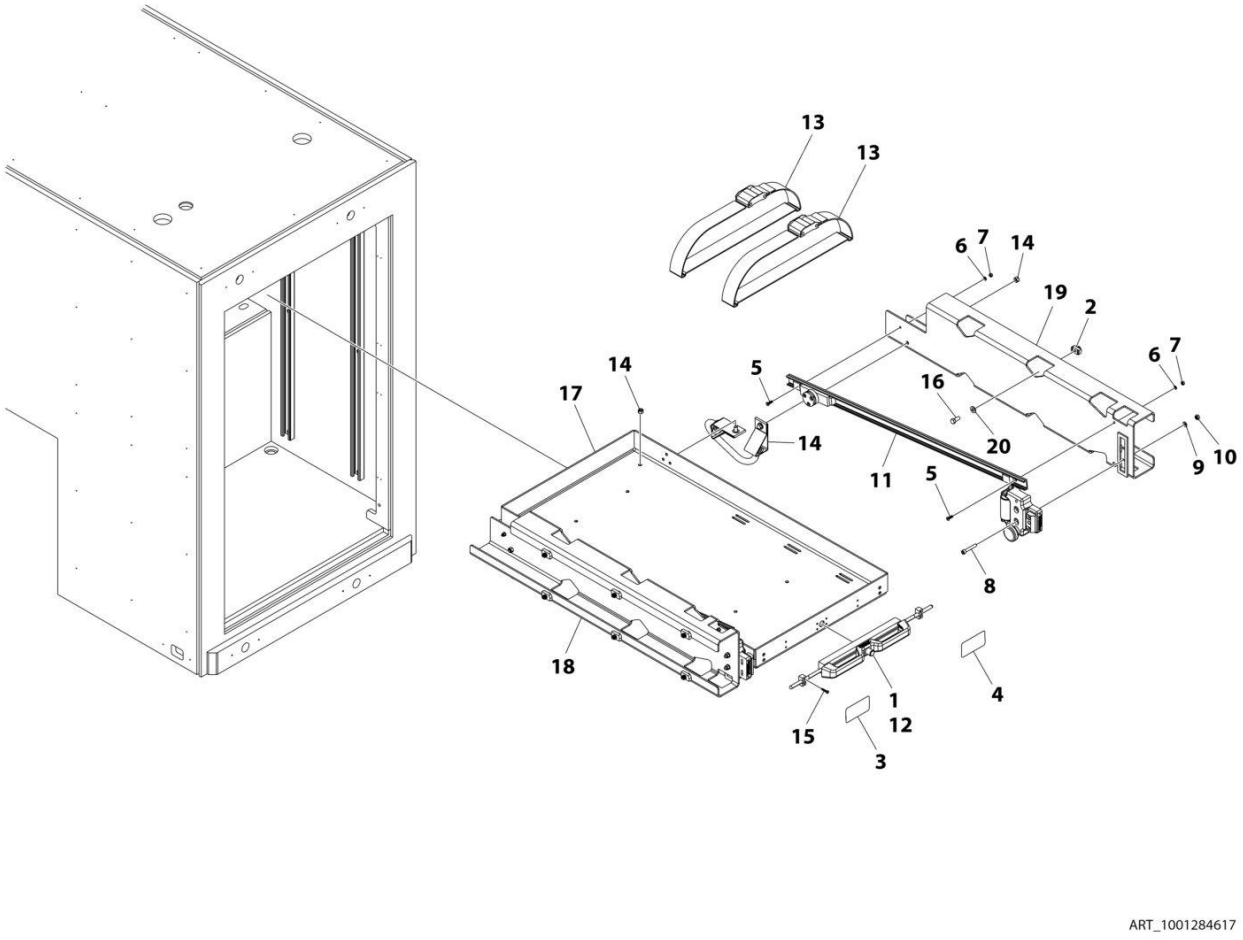


FIGURE 4-62. STORAGE - DRAWER INSTALLATION - TILT DOWN 38IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284617	Ref	DRAWER INSTALLATION - TILT DOWN (38IN)	B
1	3020029	AR	Lubricant	
2	1001166644	12	Spring Nut 3/8	
3	1001170090	1	Decal, Warning	
4	1001170091	1	Decal, Capacity	
5	1001170305	4	Bolt	
6	1001170307	4	Washer M6	
7	1001170310	4	Nut M6	
8	1001170328	4	Screw	
9	1001170329	4	Washer M8	
10	1001170330	4	Nut M8	
11	1001170331	1	Roller Assembly	
12	1001170332	1	Handle and Latch Assembly	
13	1001170428	2	Strap	
14	1001179349	2	Strap	
15	1001200997	4	Screw M5 x 25	
16	1001210454	12	Bolt 3/8 x 7/8	
17	1001284620	1	Tray, Tilt-Down	
18	1001284622	1	Bracket, LH	
19	1001284623	1	Bracket, RH	
20	7950160143	12	Washer 3/8	

FIGURE 4-63. STORAGE - DRAWER INSTALLATION - TILT DOWN 88IN

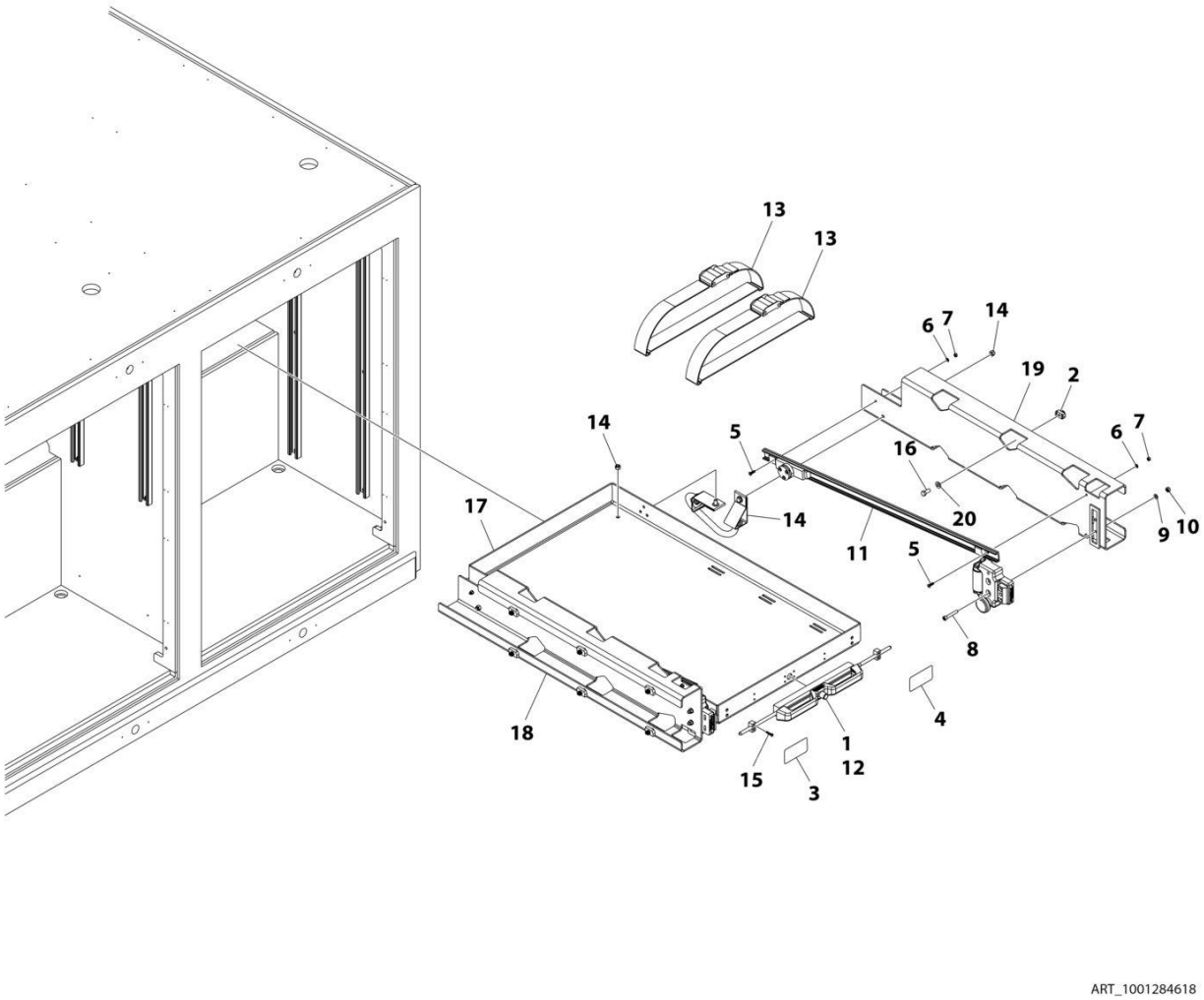


FIGURE 4-63. STORAGE - DRAWER INSTALLATION - TILT DOWN 88IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284618	Ref	DRAWER INSTALLATION - TILT DOWN (88IN)	A
1	3020029	AR	Lubricant	
2	1001166644	12	Spring Nut 3/8	
3	1001170090	1	Decal, Warning	
4	1001170091	1	Decal, Capacity	
5	1001170305	4	Bolt	
6	1001170307	4	Washer M6	
7	1001170310	4	Nut M6	
8	1001170328	4	Screw	
9	1001170329	4	Washer M8	
10	1001170330	4	Nut M8	
11	1001170331	1	Roller Assembly	
12	1001170332	1	Handle and Latch Assembly	
13	1001170428	2	Strap	
14	1001179349	2	Strap	
15	1001200997	4	Screw M5 x 25	
16	1001210454	12	Bolt 3/8 x 7/8	
17	1001284621	1	Tray, Tilt-Down	
18	1001284622	1	Bracket, LH	
19	1001284623	1	Bracket, RH	
20	7950160143	12	Washer 3/8	

FIGURE 4-64. STORAGE - FIFTH WHEEL/PINTLE STORAGE INSTALLATION

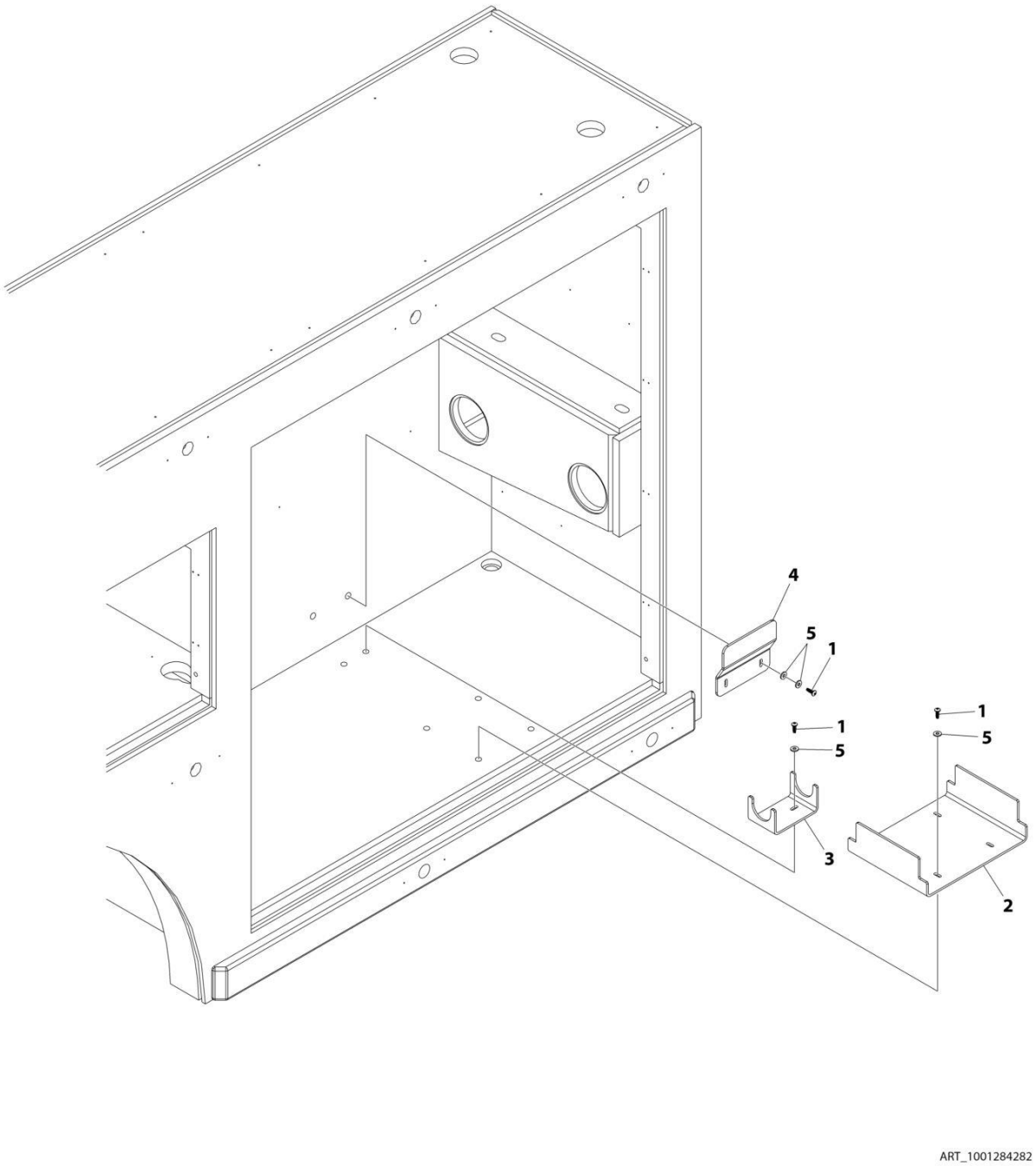


FIGURE 4-64. STORAGE - FIFTH WHEEL/PINTLE STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284282	Ref	FIFTH WHEEL STORAGE INSTALLATION	B
1	1001194676	8	Screw 1/4 x 3/4	
2	1001284283	1	Bracket	
3	1001284284	1	Channel	
4	1001284285	1	Plate	
5	7950140143	10	Washer 1/4	

FIGURE 4-65. STORAGE - FORK ORGANIZER INSTALLATION (VERTICLE)

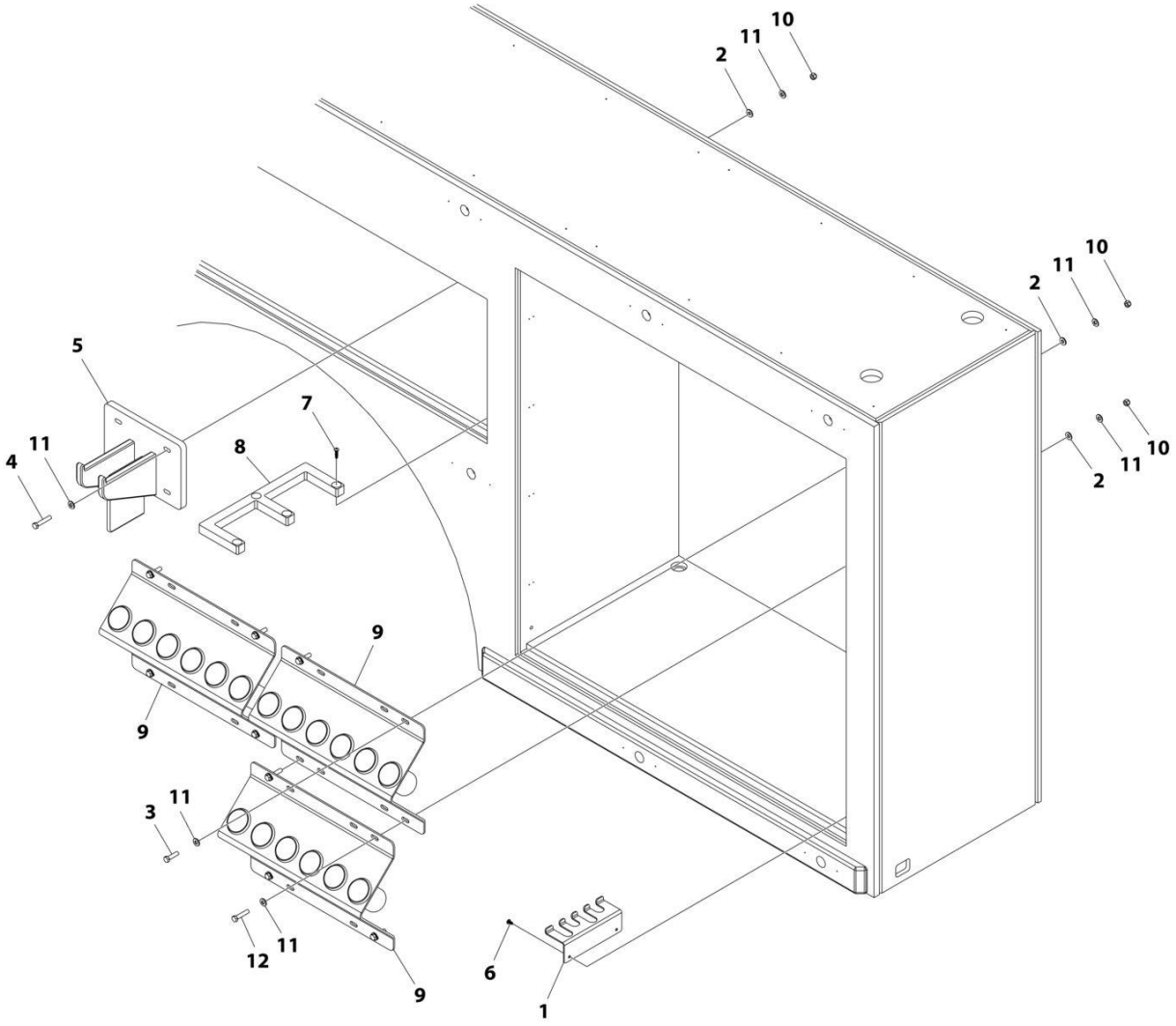


FIGURE 4-65. STORAGE - FORK ORGANIZER INSTALLATION (VERTICLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284293	Ref	FRAME FORK STORAGE INSTALLATION (VERTICAL)	B
1	1001160799	1	Bracket	
2	1001166974	14	Washer 3/8	
3	1001168993	8	Capscrew 3/8 x 1-1/2	
4	1001169083	4	Capscrew 3/8 x 2	
5	1001190926	1	Bracket	
6	1001195257	2	Screw 1/4 x 1/2	
7	1001195523	4	Screw 1/4 x 1	
8	1001195838	1	Bracket	
9	1001284295	3	Bracket	
10	7660162601	14	Nut 3/8	
11	7950160143	28	Washer 3/8	
12	1001168544	2	Capscrew 3/8 x 1-3/4	

FIGURE 4-66. STORAGE - FORK ORGANIZER INSTALLATION (HORIZONTAL)

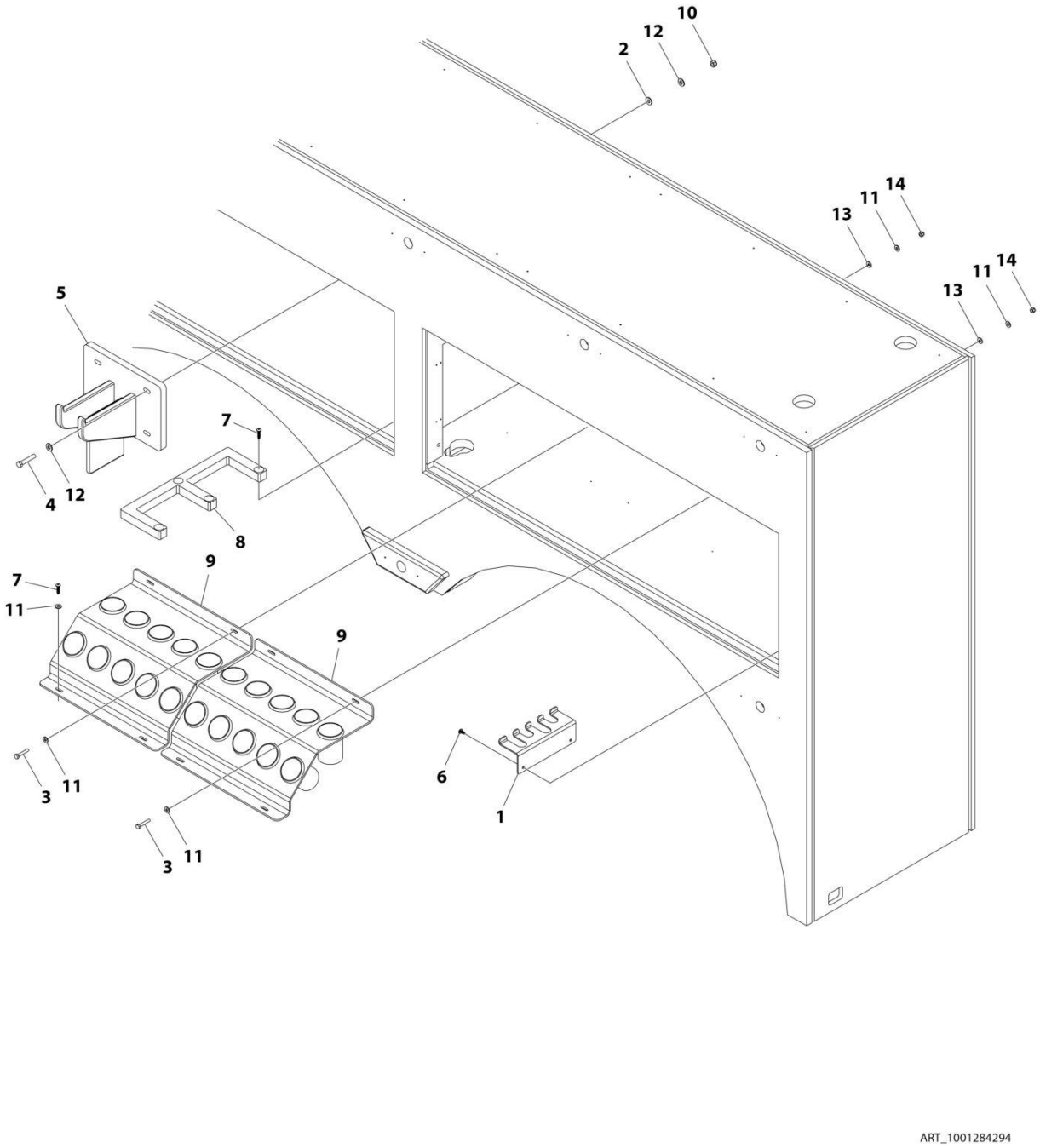


FIGURE 4-66. STORAGE - FORK ORGANIZER INSTALLATION (HORIZONTAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284294	Ref	FRAME FORK STORAGE INSTALLATION (HORITZONAL)	B
1	1001160799	1	Bracket	
2	1001166974	4	Washer 3/8	
3	7115141250	4	Capscrew 1/4 x 1-1/2	
4	1001169083	4	Capscrew 3/8 x 2	
5	1001190926	1	Bracket	
6	1001195257	2	Screw 1/4 x 1/2	
7	1001195523	8	Screw 1/4 x 1	
8	1001195838	1	Bracket	
9	1001284296	2	Bracket	
10	7660162601	4	Nut 3/8	
11	7950140143	12	Washer 1/4	
12	7950160143	8	Washer 3/8	
13	1001166978	4	Washer 1/4	
14	7660142601	4	Nut 1/4	

FIGURE 4-67. STORAGE - FORK RISERS STORAGE INSTALLATION

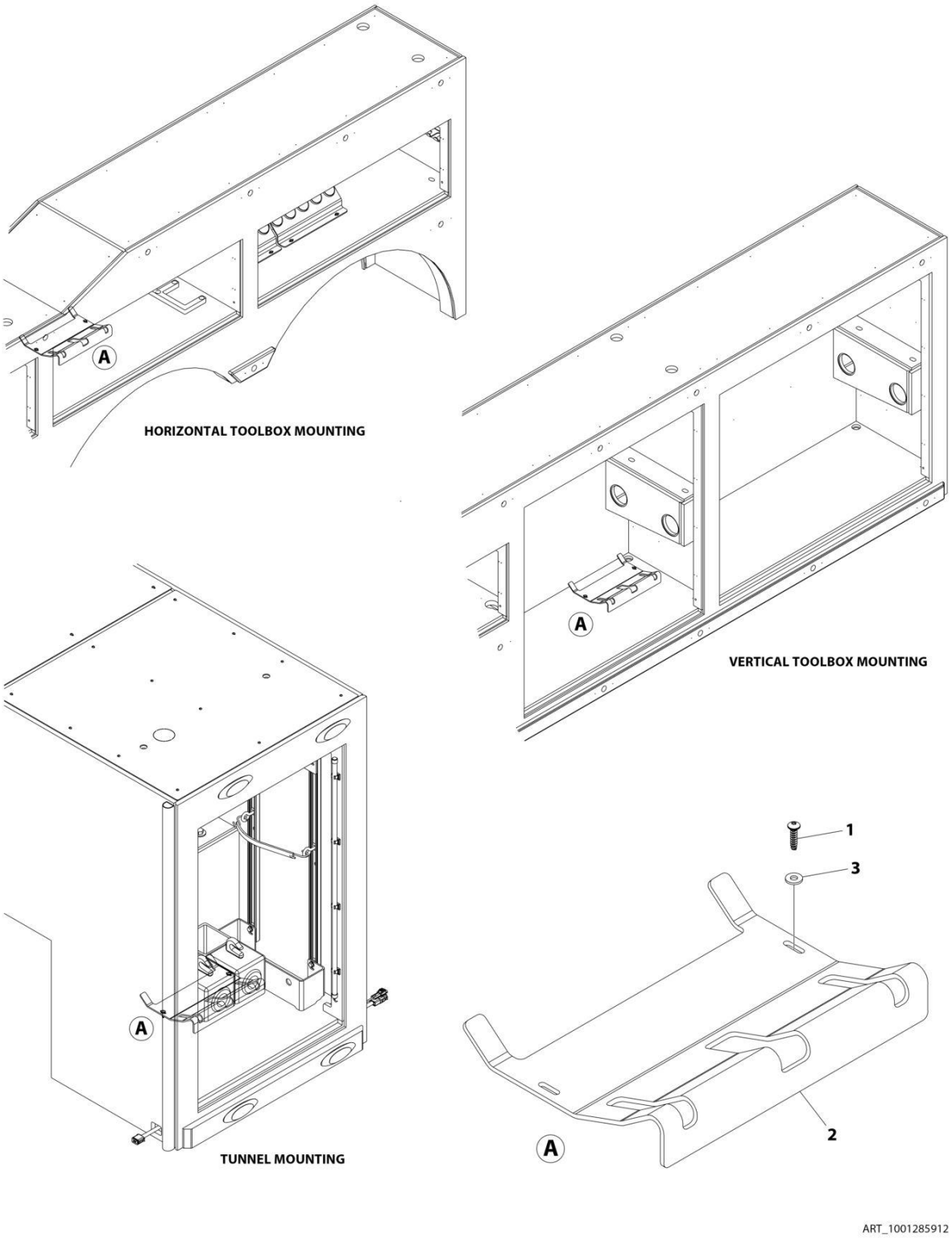


FIGURE 4-67. STORAGE - FORK RISERS STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285912	Ref	FORK RISERS STORAGE INSTALLATION	B
1	1001195523	2	Screw 1/4 x 1	
2	1001285911	1	Bracket, Storage	
3	7950140143	2	Washer 1/4	

FIGURE 4-68. STORAGE - FORK (SPRING) INSTALLATION

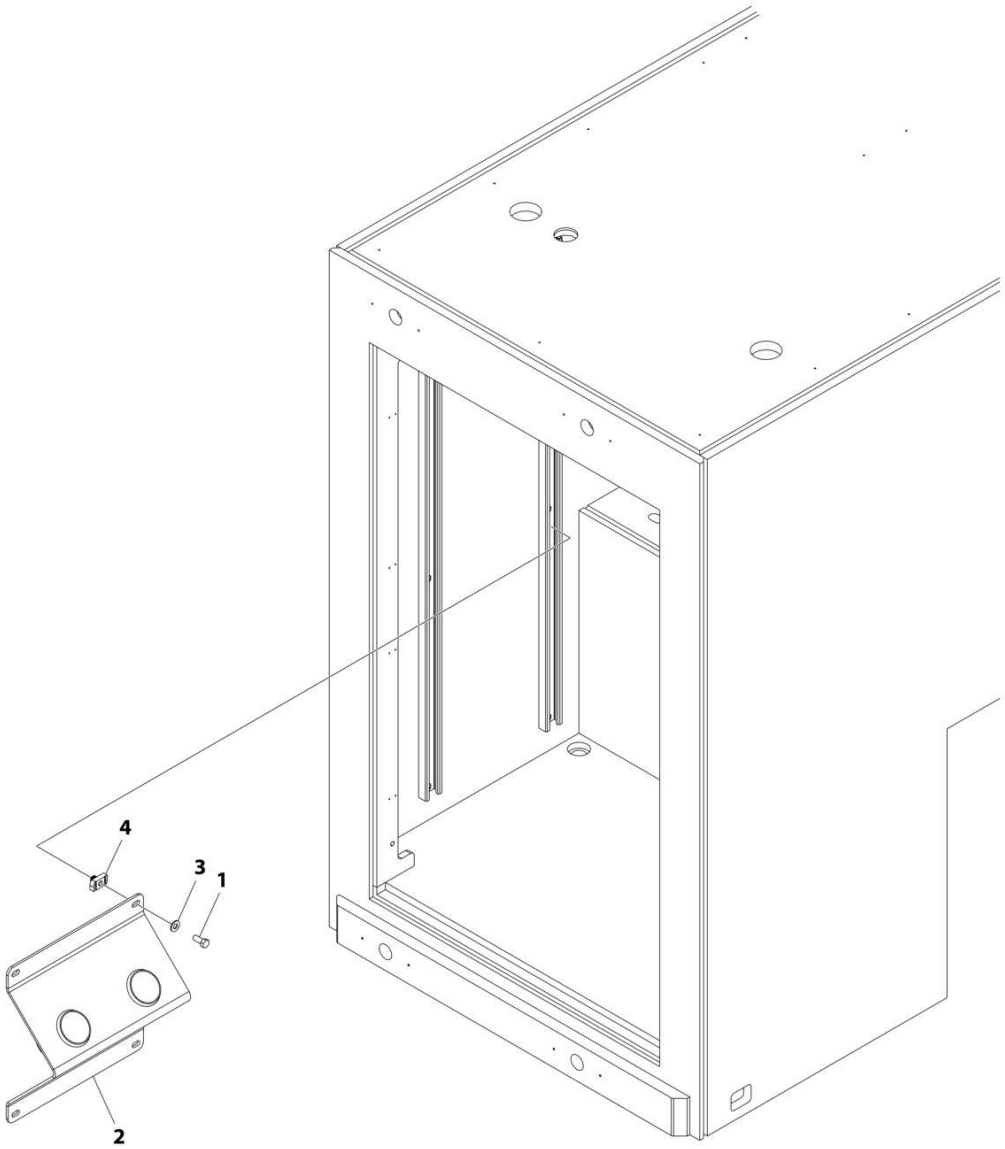


FIGURE 4-68. STORAGE - FORK (SPRING) INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284524	Ref	STORAGE - SPRING FORK STORAGE INSTALLATION	A
1	1001210454	4	Bolt 3/8 x 7/8	
2	1001284472	1	Bracket	
3	7950160143	4	Washer 3/8	
4	1001166644	4	Nut 3/8	

FIGURE 4-69. STORAGE - JACK STORAGE INSTALLATION (TRI-AXLE)

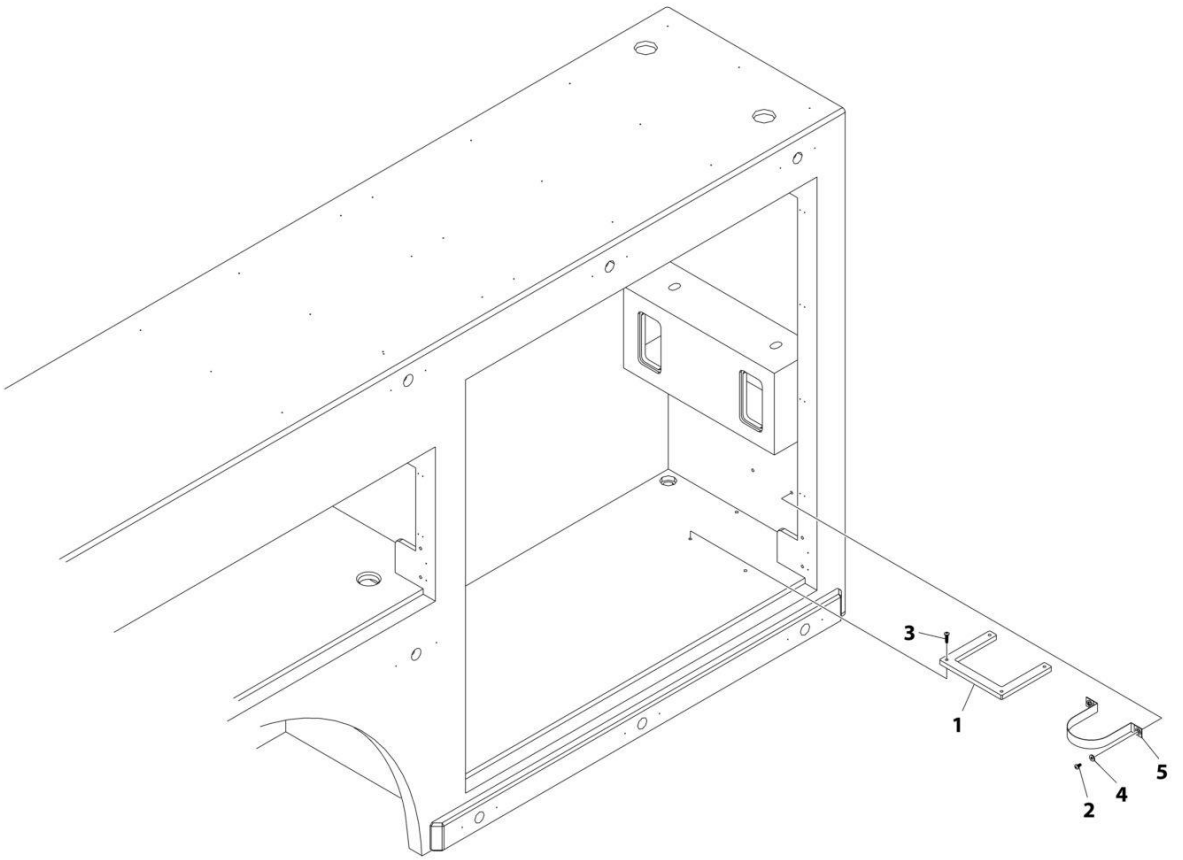


FIGURE 4-69. STORAGE - JACK STORAGE INSTALLATION (TRI-AXLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196214	Ref	JACK STORAGE INSTALLATION (TRI-AXLE)	B
1	1001170839	1	Bracket	
2	1001195257	2	Screw 1/4 x 1/2	
3	1001195523	4	Screw 1/4 x 1	
4	7950140143	2	Washer 1/4	
5	1001167286	2	Tie-Strap	

FIGURE 4-70. STORAGE - JACK STORAGE INSTALLATION (TANDEM)

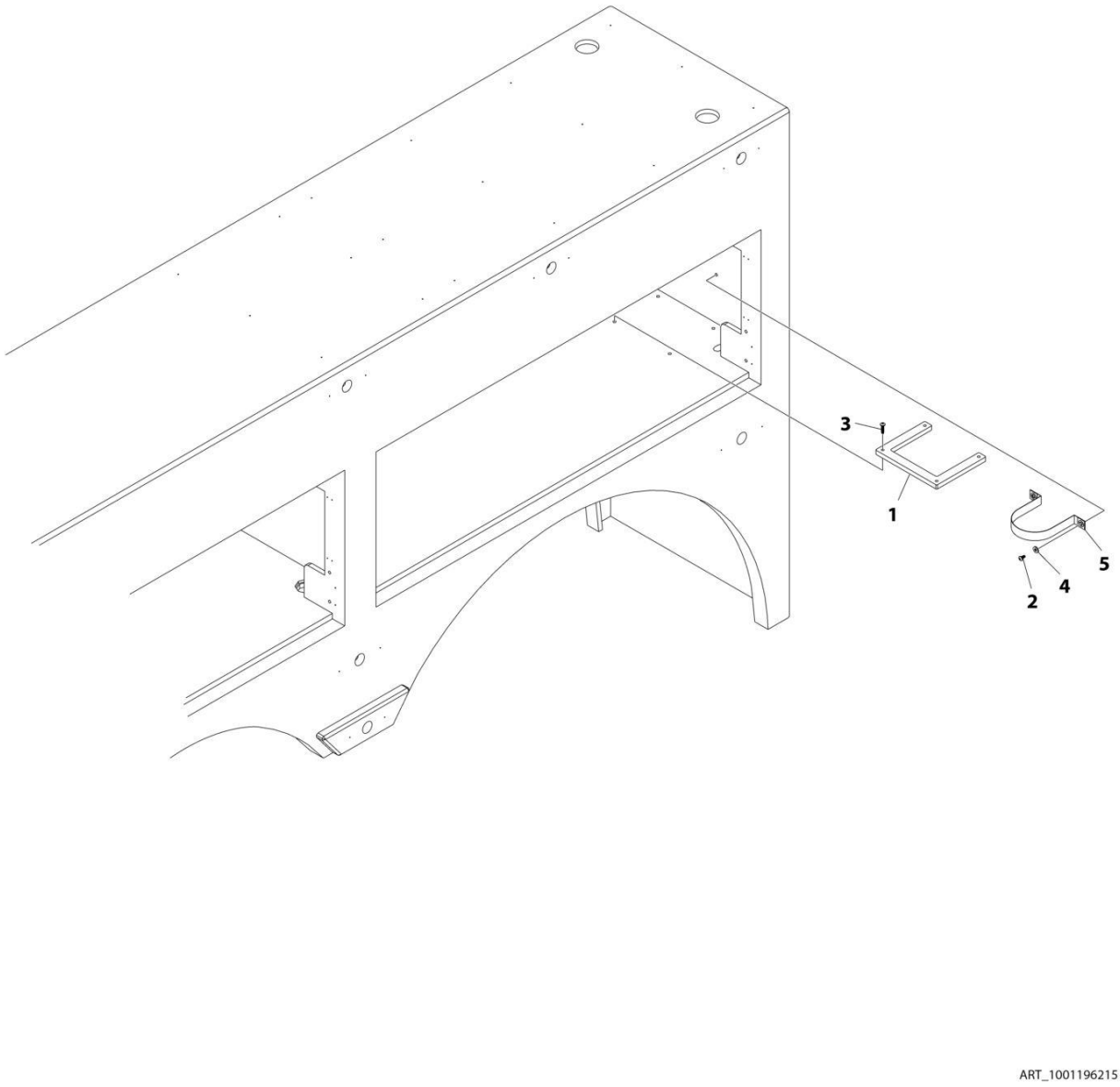


FIGURE 4-70. STORAGE - JACK STORAGE INSTALLATION (TANDEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196215	Ref	JACK STORAGE INSTALLATION (TANDEM)	C
1	1001170839	1	Bracket	
2	1001195257	2	Screw 1/4 x 1/2	
3	1001195523	4	Screw 1/4 x 1	
4	7950140143	2	Washer 1/4	
5	1001167286	2	Tie-Strap	

FIGURE 4-71. STORAGE - LADDER STORAGE INSTALLATION (DRAWER MOUNT)

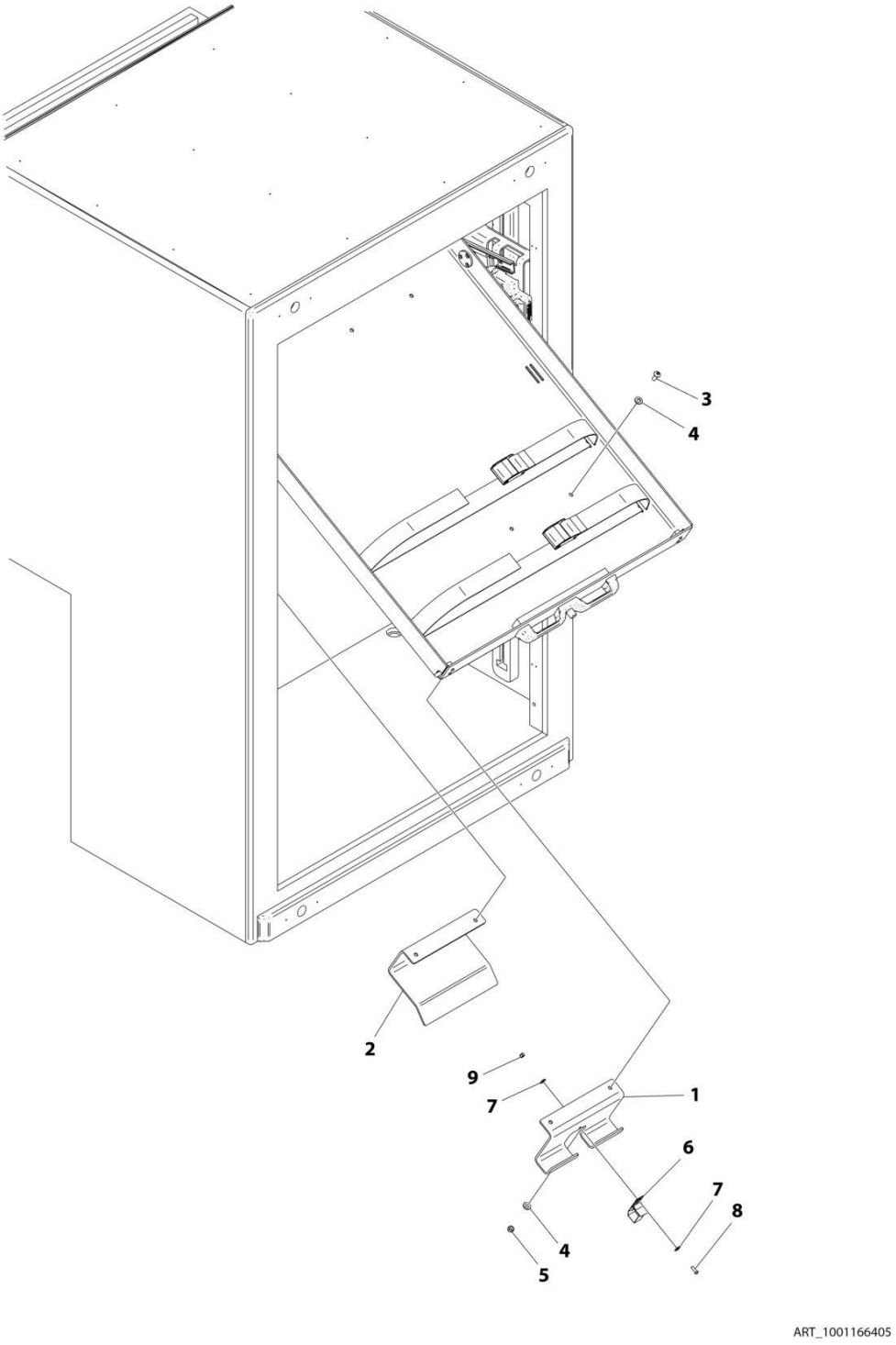


FIGURE 4-71. STORAGE - LADDER STORAGE INSTALLATION (DRAWER MOUNT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166405	Ref	Ladder Storage Installation	A
1	1001166401	1	Bracket, Ladder Hook	
2	1001166402	1	Bracket, Ladder Stop	
3	7114160818	5	Capscrew 3/8	
4	7950160143	10	Washer 3/8	
5	7660162601	5	Nut 3/8	
6	1001167286	1	Tie Strap	
7	7950140143	2	Washer 1/4	
8	7114140618	1	Capscrew 1/4 x 3/4	
9	7660142601	1	Nut 1/4	

FIGURE 4-72. STORAGE - LADDER STORAGE INSTALLATION (WALL MOUNT)

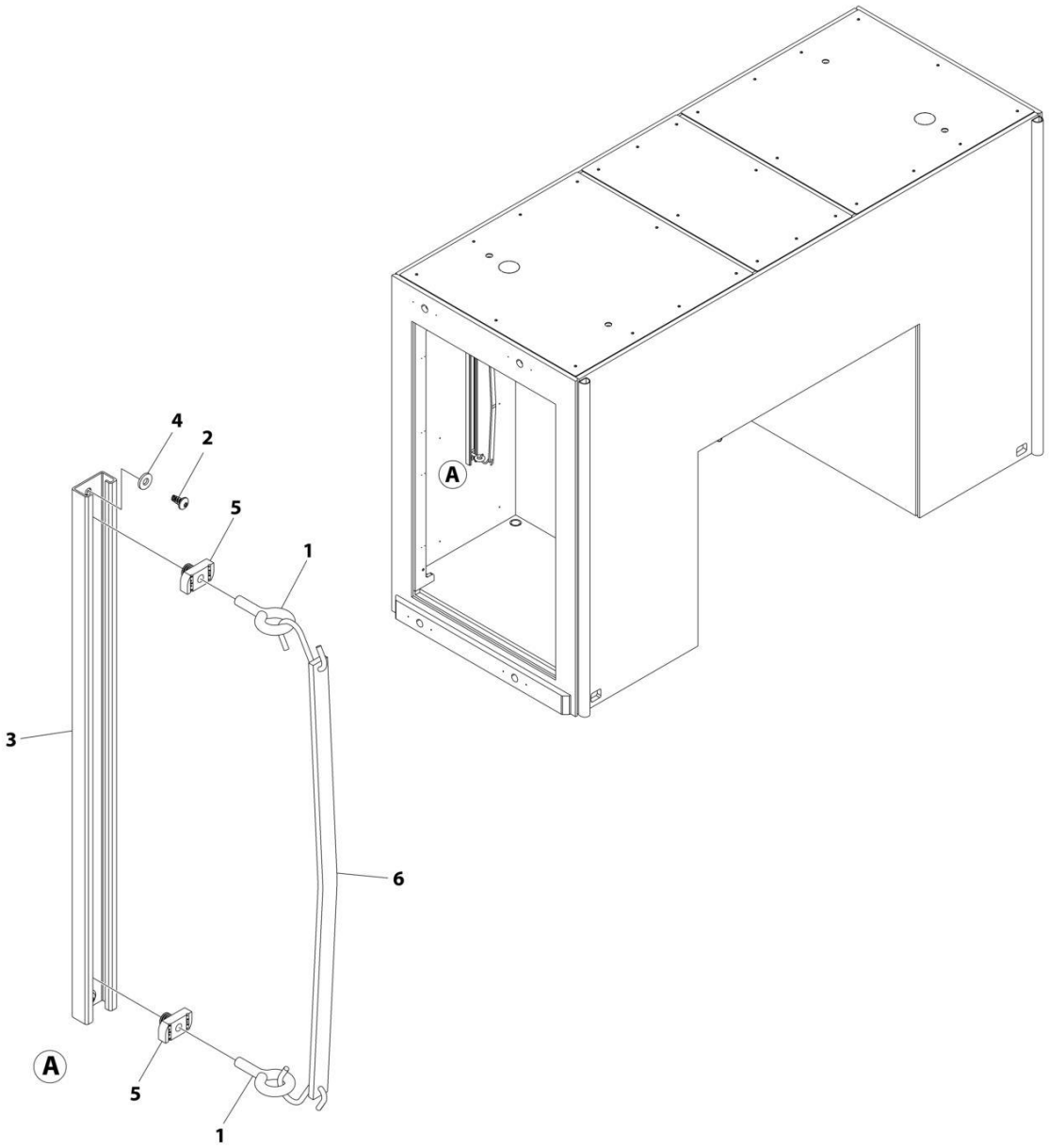


FIGURE 4-72. STORAGE - LADDER STORAGE INSTALLATION (WALL MOUNT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285155	Ref	LADDER STORAGE INSTALLATION (WALL MOUNT)	C
1	1001175231	2	Eyebolt 3/8	
2	1001195257	2	Screw 1/4 x 1/2	
3	1001277611	1	Channel	
4	7950140143	2	Washer 1/4	
5	1001166644	2	Spring Nut 3/8	
6	1001175233	1	Strap	

FIGURE 4-73. STORAGE - SHACKLE INSTALLATION

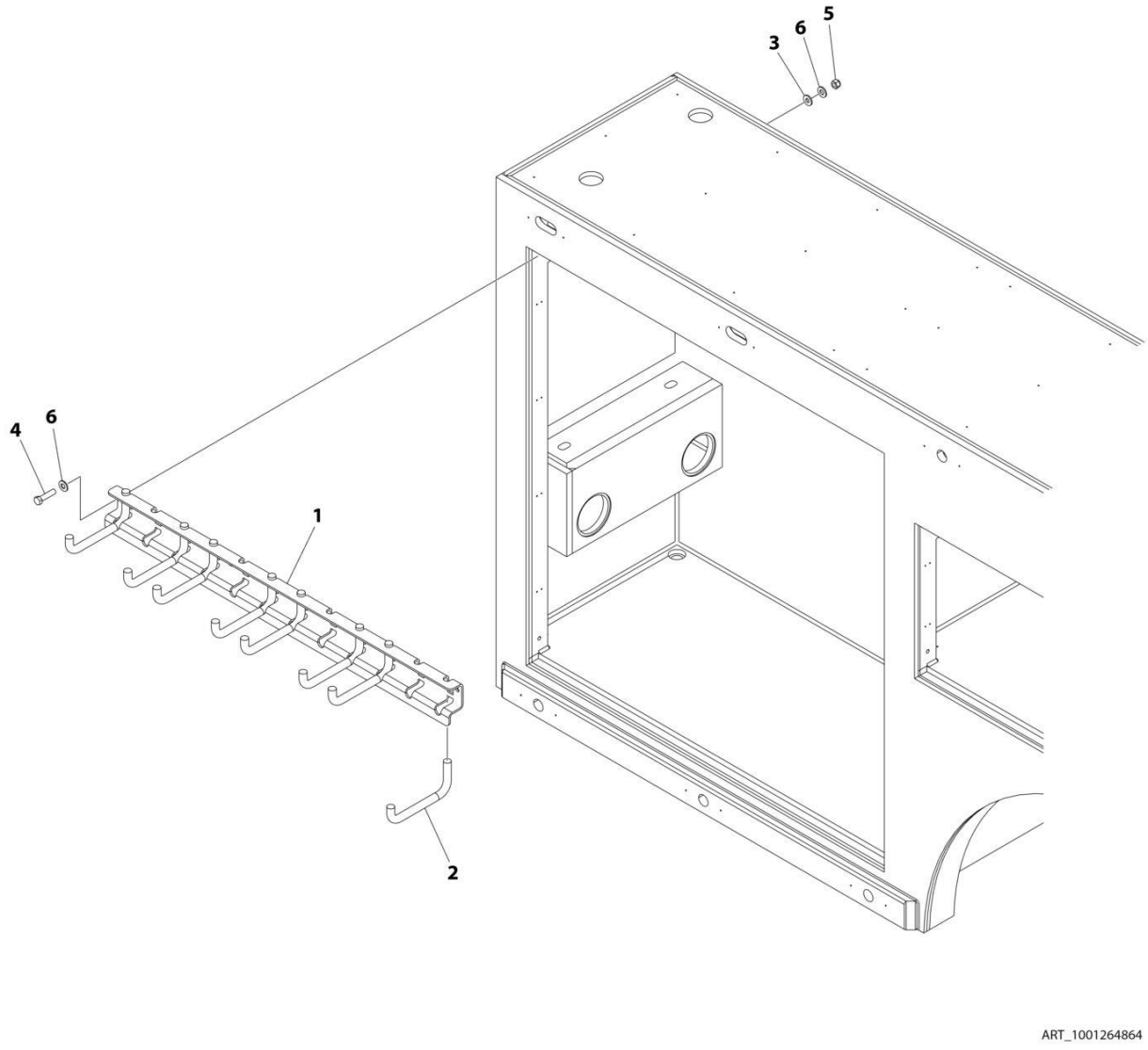


FIGURE 4-73. STORAGE - SHACKLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001264864	Ref	SHACKLE RACK INSTALLATION	B
1	1001164601	1	Bracket	
2	1001164614	8	Rod	
3	1001166974	5	Washer 3/8	
4	1001168993	5	Capscrew 3/8 x 1-1/2	
5	7660162601	5	Nut 3/8	
6	7950160143	10	Washer 3/8	

FIGURE 4-74. STORAGE - SHELF INSTALLATION 38IN

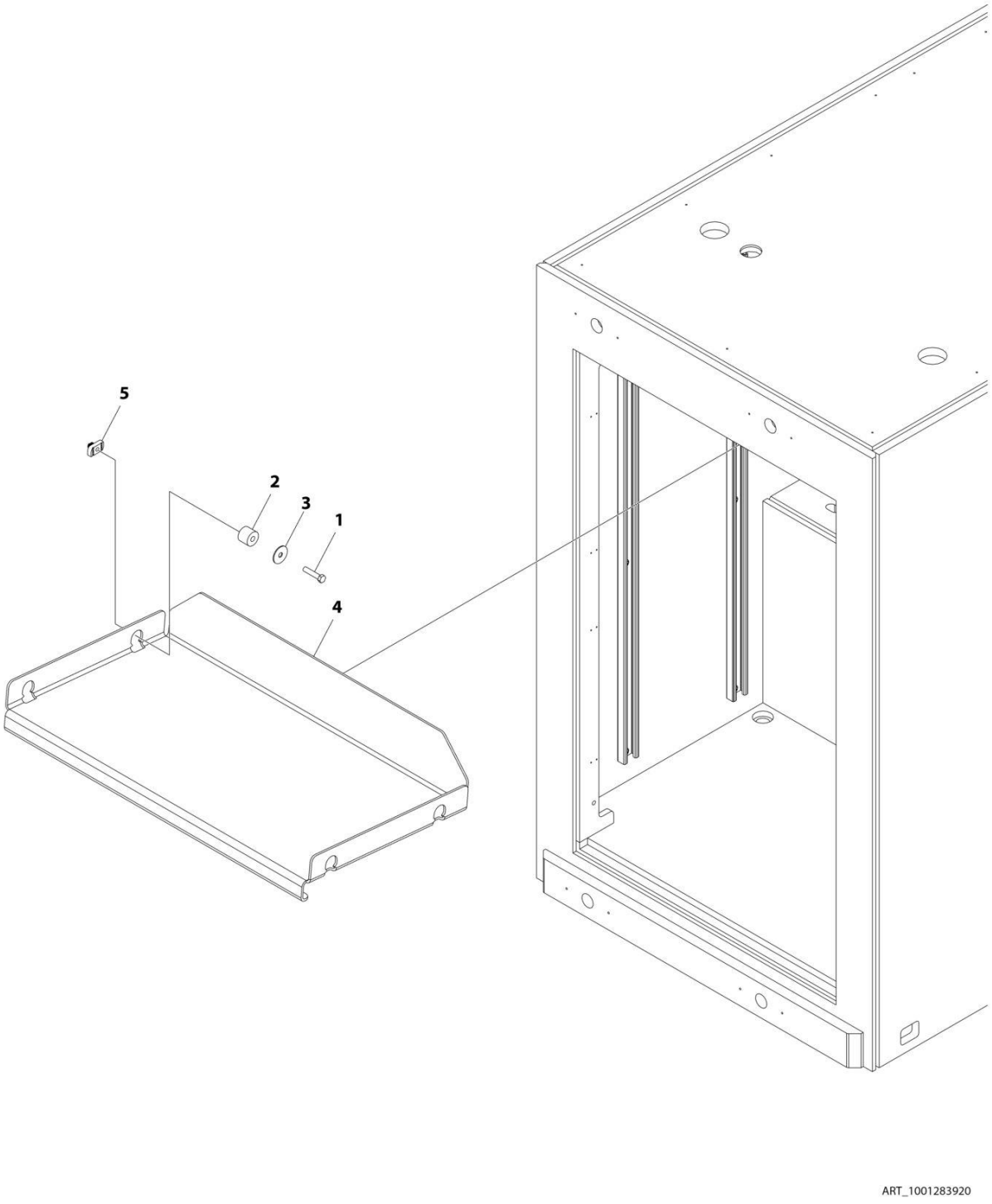


FIGURE 4-74. STORAGE - SHELF INSTALLATION 38IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283920	Ref	UPPER SHELF INSTALLATION - 38IN	A
1	1001168544	4	Screw 3/8 x 1-3/4	
2	1001214266	4	Mount	
3	1001214267	4	Washer 3/8	
4	1001283924	1	Panel	
5	1001166644	4	Nut 3/8	

FIGURE 4-75. STORAGE - SHELF INSTALLATION 50IN

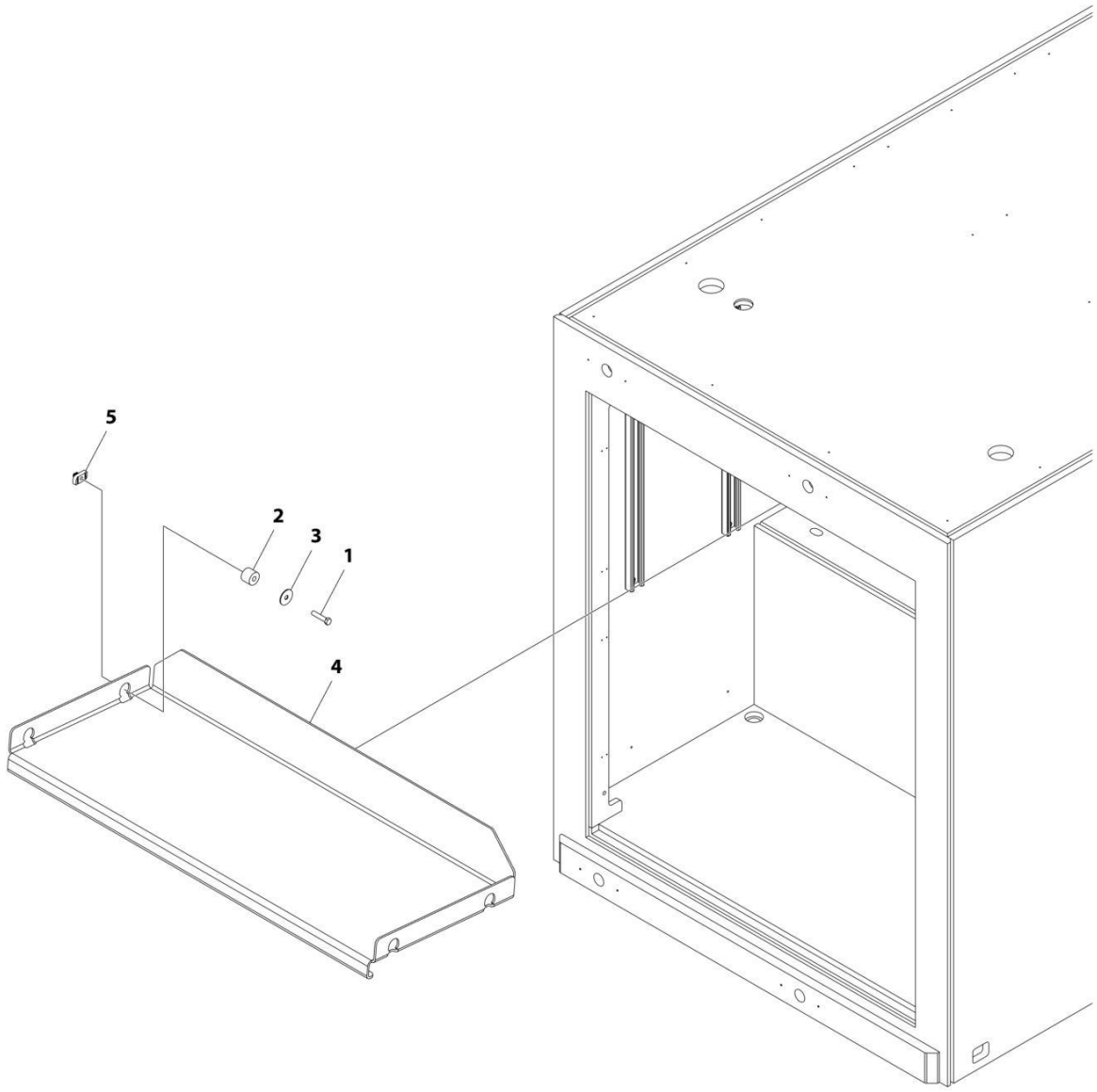


FIGURE 4-75. STORAGE - SHELF INSTALLATION 50IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283921	Ref	UPPER SHELF INSTALLATION - 50IN	A
1	1001168544	4	Capscrew 3/8 x 1-3/4	
2	1001214266	4	Mount	
3	1001214267	4	Washer 3/8	
4	1001283925	1	Panel	
5	1001166644	4	Spring Nut 3/8	

FIGURE 4-76. STORAGE - SHELF INSTALLATION 76IN

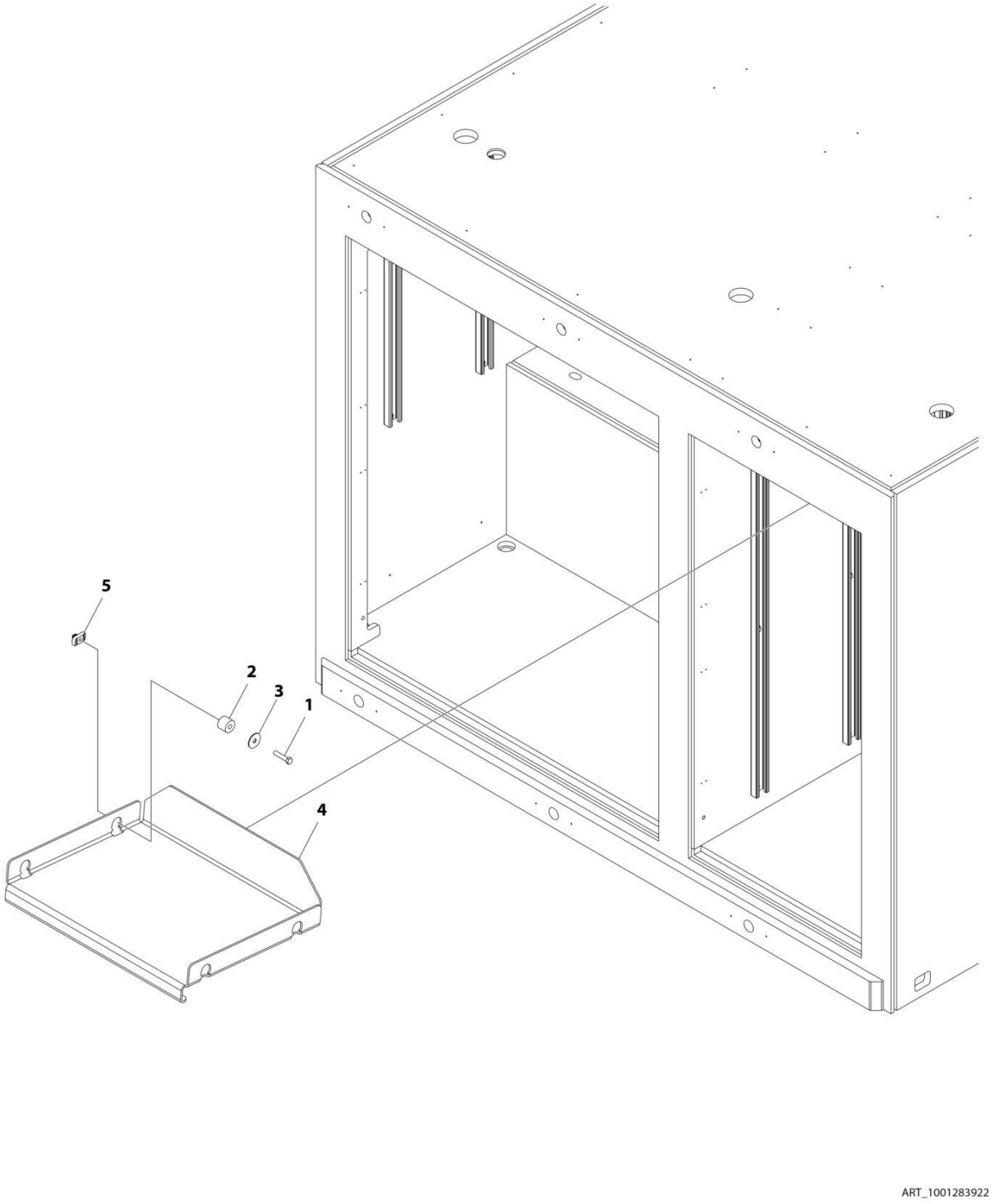


FIGURE 4-76. STORAGE - SHELF INSTALLATION 76IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283922	Ref	UPPER SHELF INSTALLATION - 76IN (REAR)	A
1	1001168544	4	Capscrew 3/8 x 1-3/4	
2	1001214266	4	Mount	
3	1001214267	4	Washer 3/8	
4	1001283926	1	Panel	
5	1001166644	4	Spring Nut 3/8	

FIGURE 4-77. STORAGE - SHELF INSTALLATION 88IN

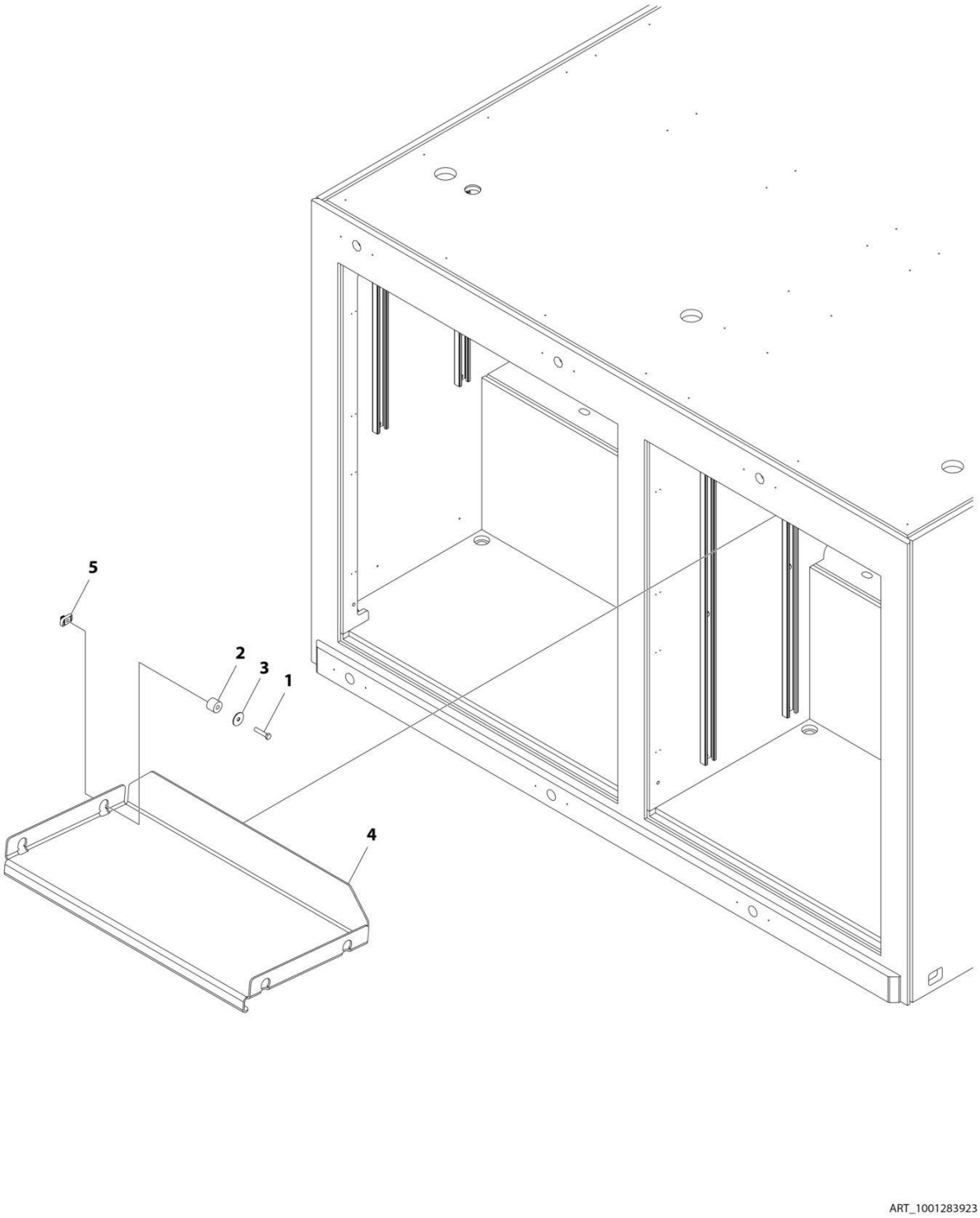


FIGURE 4-77. STORAGE - SHELF INSTALLATION 88IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283923	Ref	UPPER SHELF INSTALLATION - 88IN (REAR)	A
1	1001168544	4	Capscrew 3/8 x 1-3/4	
2	1001214266	4	Mount	
3	1001214267	4	Washer 3/8	
4	1001283927	1	Panel	
5	1001166644	4	Spring Nut 3/8	

FIGURE 4-78. STORAGE - SHOVEL/BROOM/GRIZZLY BAR STORAGE INSTALLATION

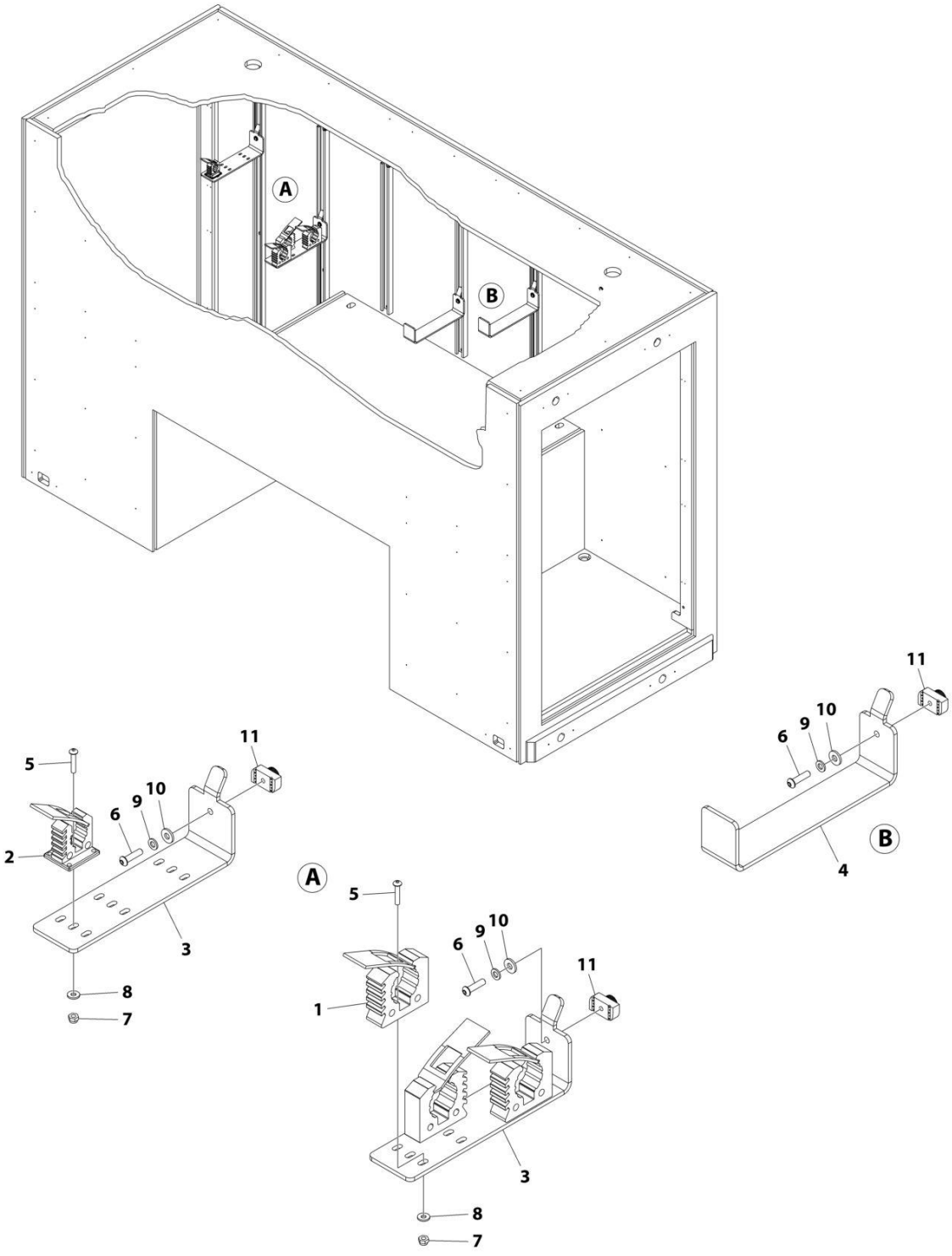


FIGURE 4-78. STORAGE - SHOVEL/BROOM/GRIZZLY BAR STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283778	Ref	SHOVEL STORAGE INSTALLATION	B
1	1001266390	3	Clamp	
2	1001266391	1	Clamp	
3	1001283779	2	Bracket	
4	1001283780	2	Support	
5	7114100818	4	Screw #10 x 1	
6	7114140818	4	Capscrew 1/4 x 1	
7	7660102601	4	Nut #10	
8	7950100143	4	Washer 3/16	
9	7950140000	4	Washer 1/4	
10	7950140143	4	Washer 3/16	
11	1001183037	4	Nut 1/4	

FIGURE 4-79. STORAGE - SILO INSTALLATION - STAY DRY

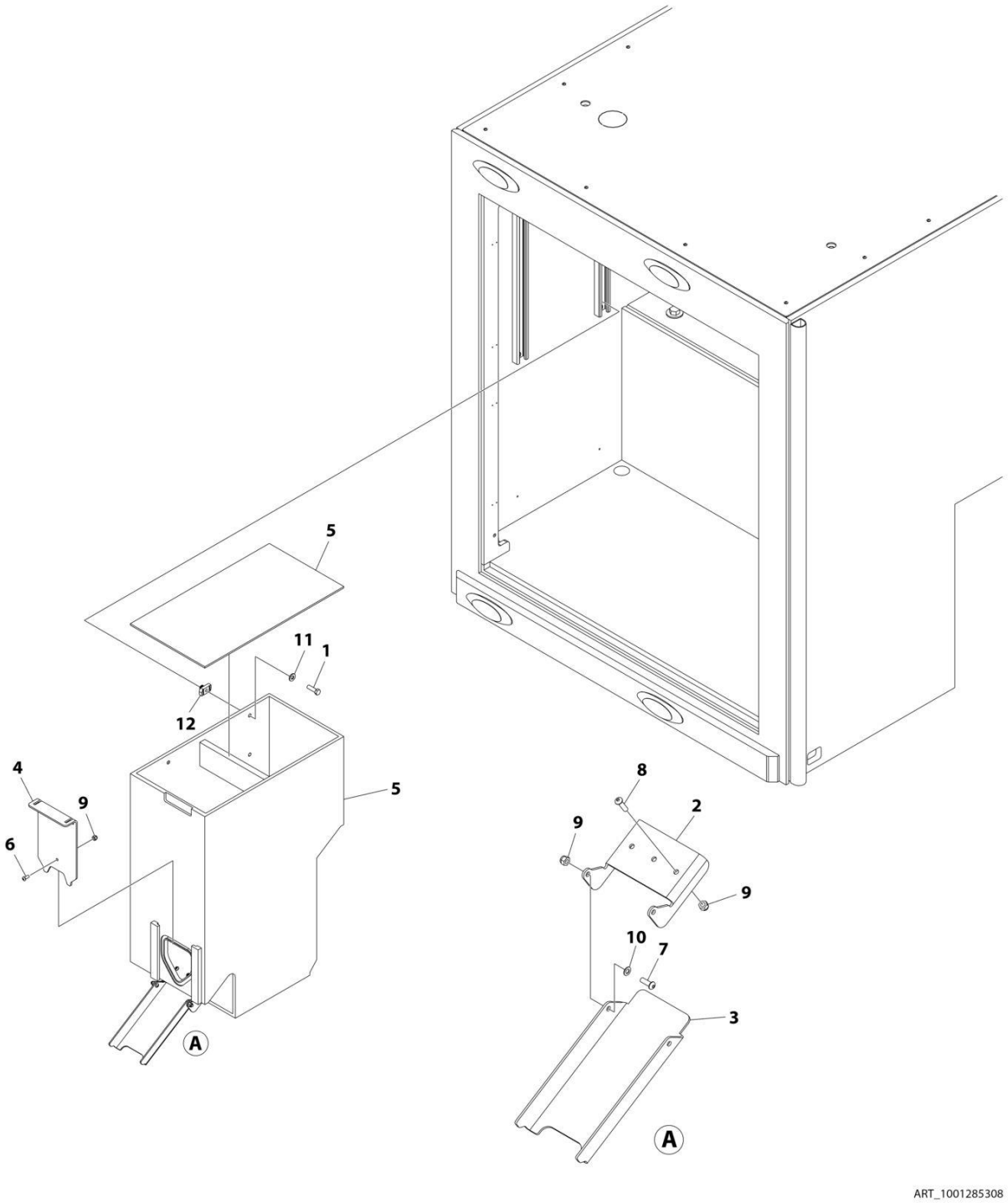


FIGURE 4-79. STORAGE - SILO INSTALLATION - STAY DRY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285308	Ref	SILO INSTALLATION - STAY DRY	A
1	1001169080	4	Capscrew 3/8 x 1-1/4	
2	1001190050	1	Bracket	
3	1001190055	1	Bracket	
4	1001190148	1	Cover	
5	1001285309	1	Container	
6	7114140518	1	Screw 1/4 x 5/8	
7	7114140618	2	Screw 1/4 x 3/4	
8	7114140818	3	Capscrew 1/4 x 1	
9	7660142601	6	Nut 1/4	
10	7949000056	2	Washer 1/2	
11	7950160143	4	Washer 3/8	
12	1001166644	4	Spring Nut 3/8	

FIGURE 4-80. STORAGE - SNATCH BLOCK INSTALLATION - 2 BLOCKS

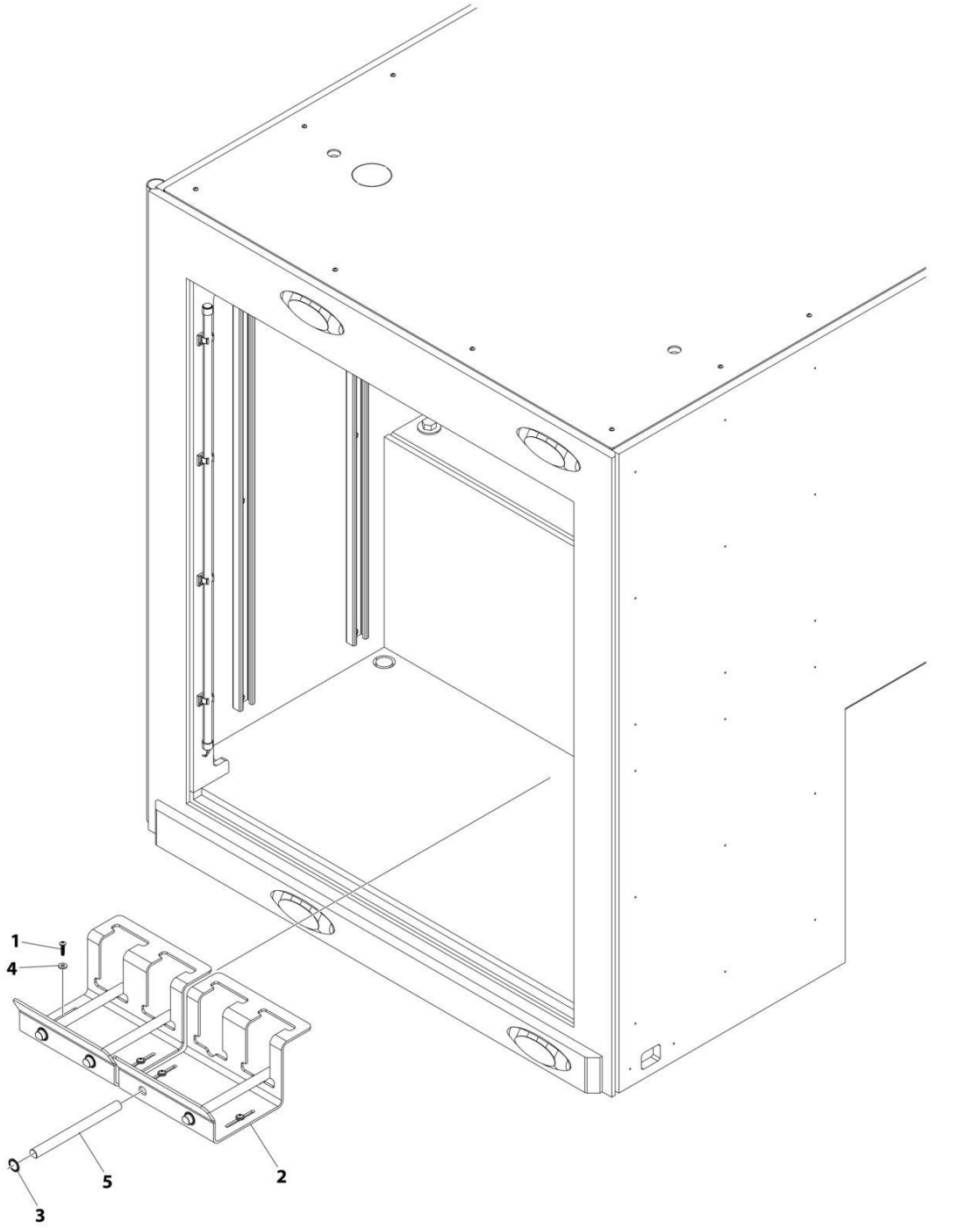


FIGURE 4-80. STORAGE - SNATCH BLOCK INSTALLATION - 2 BLOCKS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285854	Ref	STORAGE SNATCH BLOCK INSTALLATION	B
1	1001195523	4	Screw 1/4 x 1	
2	1001282655	2	Bracket	
3	7754000009	4	Ring, Retaining	
4	7950140143	4	Washer 1/4	
5	7691000064	4	Pin	

FIGURE 4-81. STORAGE - SNATCH BLOCK INSTALLATION - 4 BLOCKS

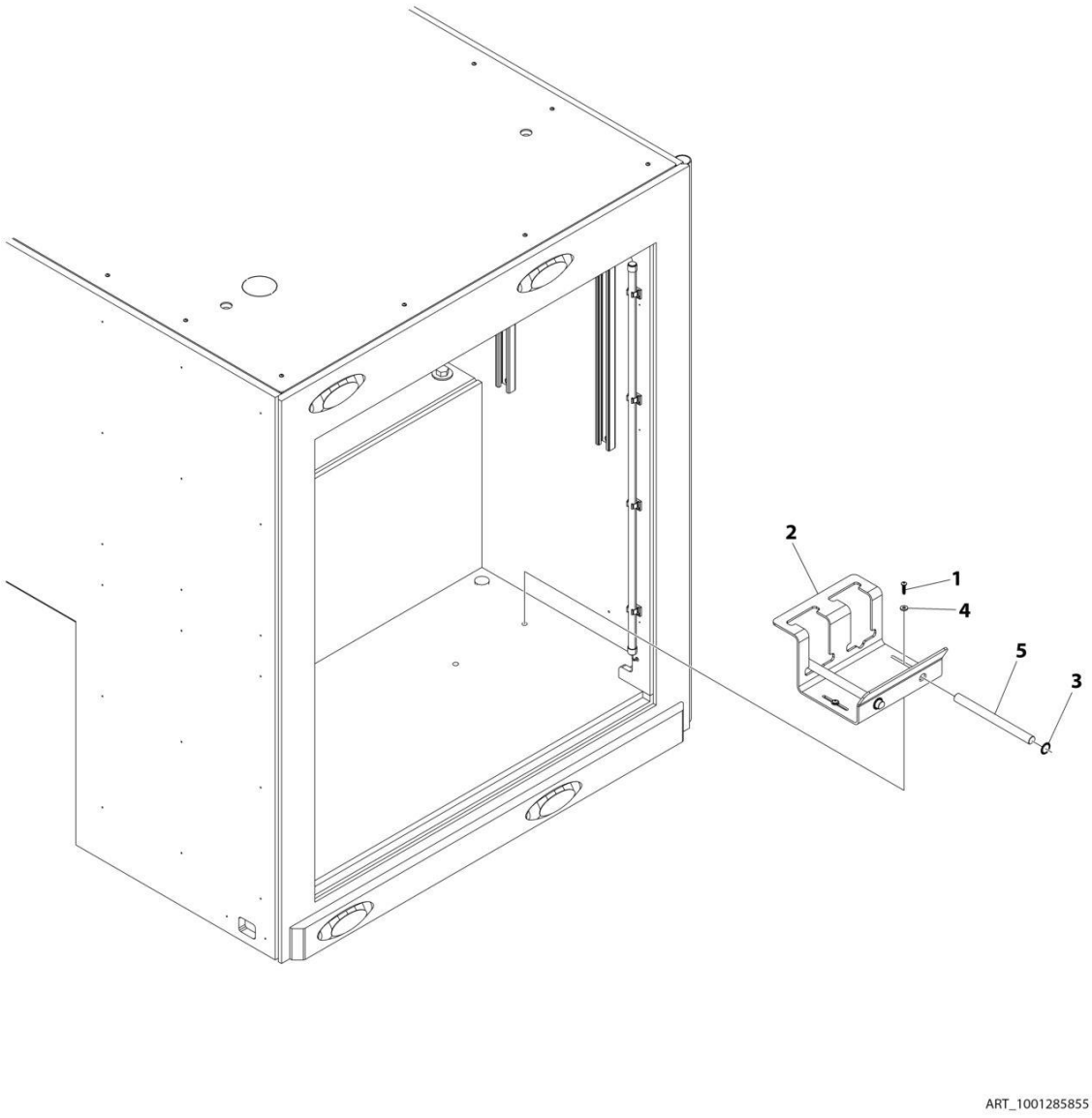


FIGURE 4-81. STORAGE - SNATCH BLOCK INSTALLATION - 4 BLOCKS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285855	Ref	STORAGE SNATCH BLOCK INSTALLATION	B
1	1001195523	2	Screw 1/4 x 1	
2	1001282655	1	Bracket	
3	7754000009	2	Ring, Retaining	
4	7950140143	2	Washer 1/4	
5	7691000064	2	Pin	

FIGURE 4-82. STORAGE - SPILL CONTAINER STORAGE INSTALLATION

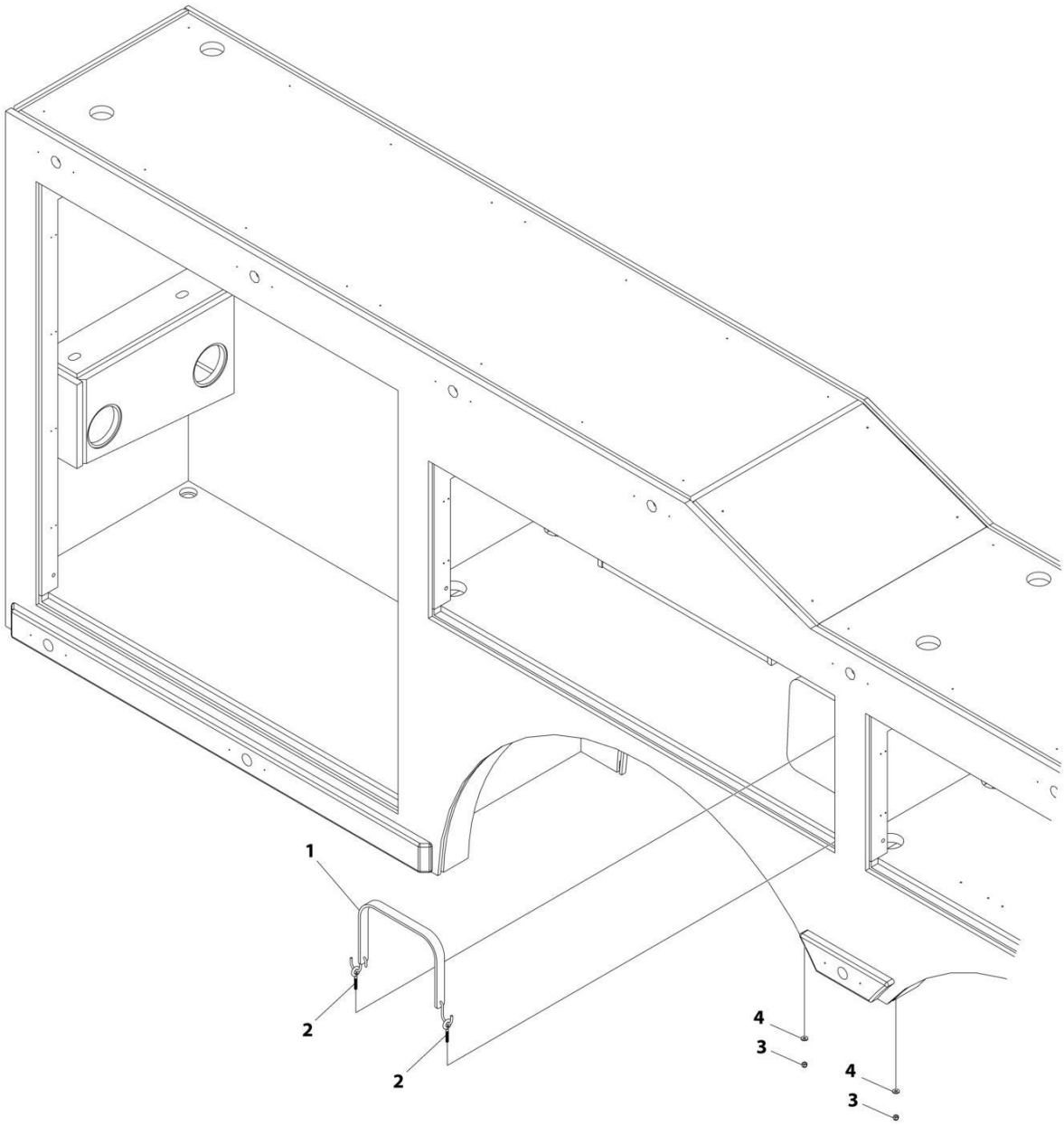


FIGURE 4-82. STORAGE - SPILL CONTAINER STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001284547	Ref	SPILL CONTAINER STORAGE INSTALLATION	A
1	1001201483	1	Strap, Bungee	
2	1001278526	2	Eyebolt 1/4	
3	7660142601	2	Nut 1/4	
4	7950140143	2	Washer 3/16	

FIGURE 4-83. STORAGE - TIRE LIFT/BUS ARMS & RATCHETS - 50IN

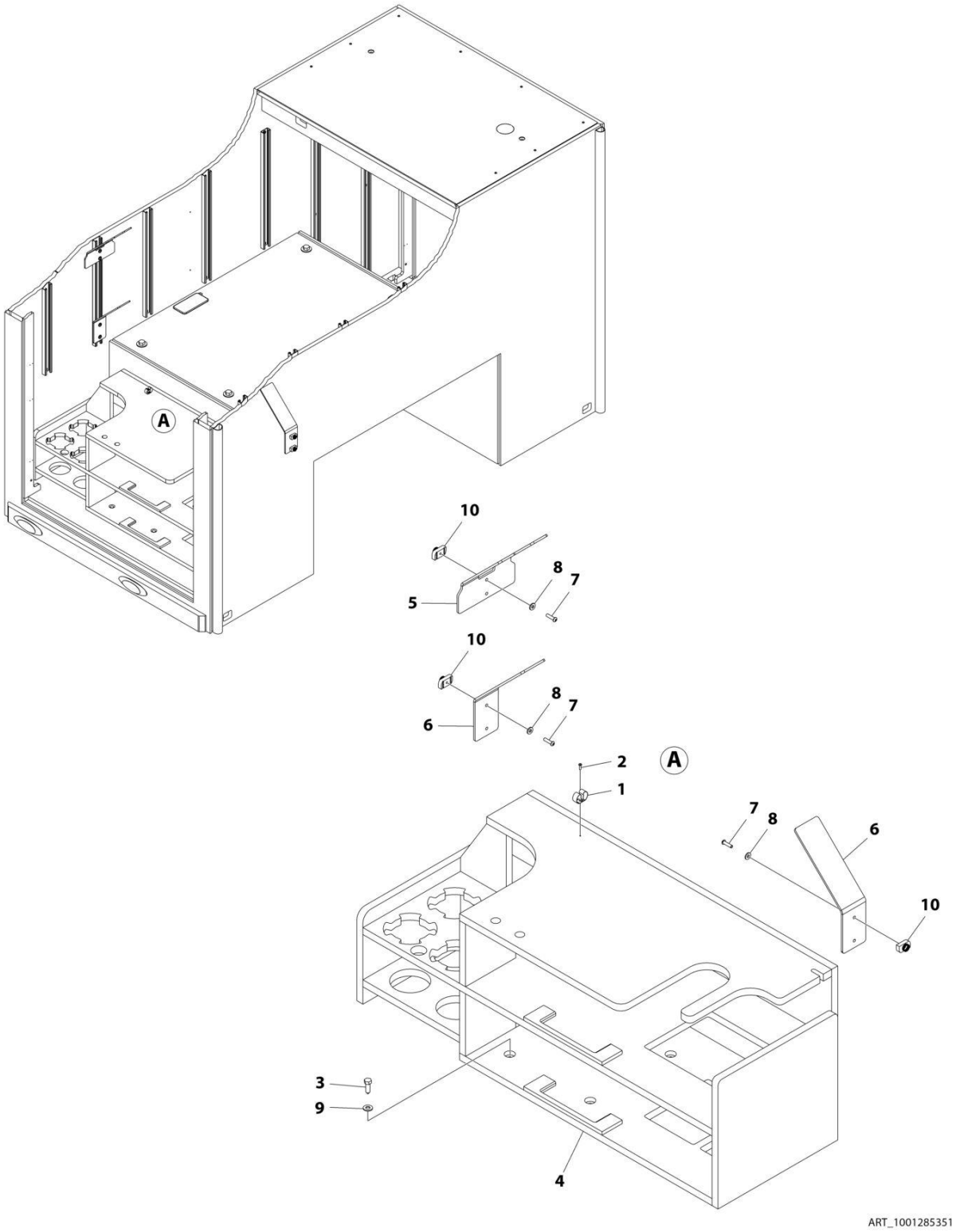


FIGURE 4-83. STORAGE - TIRE LIFT/BUS ARMS & RATCHETS - 50IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285351	Ref	TIRE LIFT STORAGE INSTALLATIONS (50IN)	A
1	1380135	1	Clip	
2	3900339	1	Screw #6 x 1/2	
3	1001168545	4	Capscrew 3/8 x 1-1/4	
4	1001190409	1	Storage	
5	1001285357	1	Bracket	
6	1001285358	2	Bracket	
7	7114140818	6	Capscrew 1/4 x 1	
8	7950140143	6	Washer 3/16	
9	7950160143	4	Washer 3/8	
10	1001183037	6	Spring Nut 1/4	

FIGURE 4-84. STORAGE - TIRE LIFT/BUS ARMS & RATCHETS - 38IN

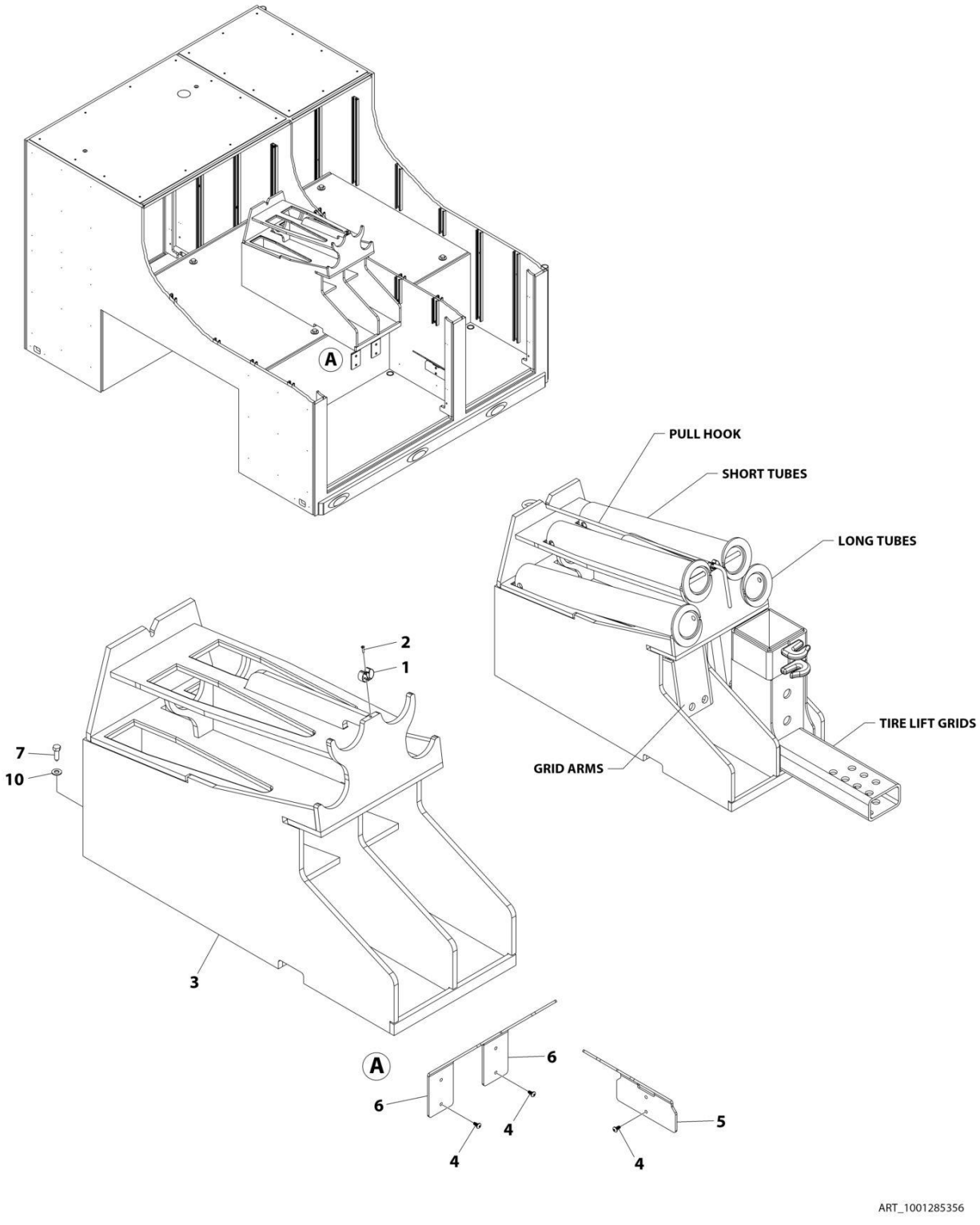


FIGURE 4-84. STORAGE - TIRE LIFT/BUS ARMS & RATCHETS - 38IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285356	Ref	TIRE STORAGE INSTALLATION (38IN)	B
1	1380135	1	Clip	
2	3900339	1	Screw #6 x 1/2	
3	1001192287	1	Storage	
4	1001195257	6	Screw 1/4 x 1/2	
5	1001285357	1	Bracket	
6	1001285358	2	Bracket	
7	1001168545	4	Capscrew 3/8 x 1-1/4	
10	7950160143	4	Washer 3/8	

FIGURE 4-85. STORAGE - TIRE LIFT/BUS ARMS & RATCHETS - BB

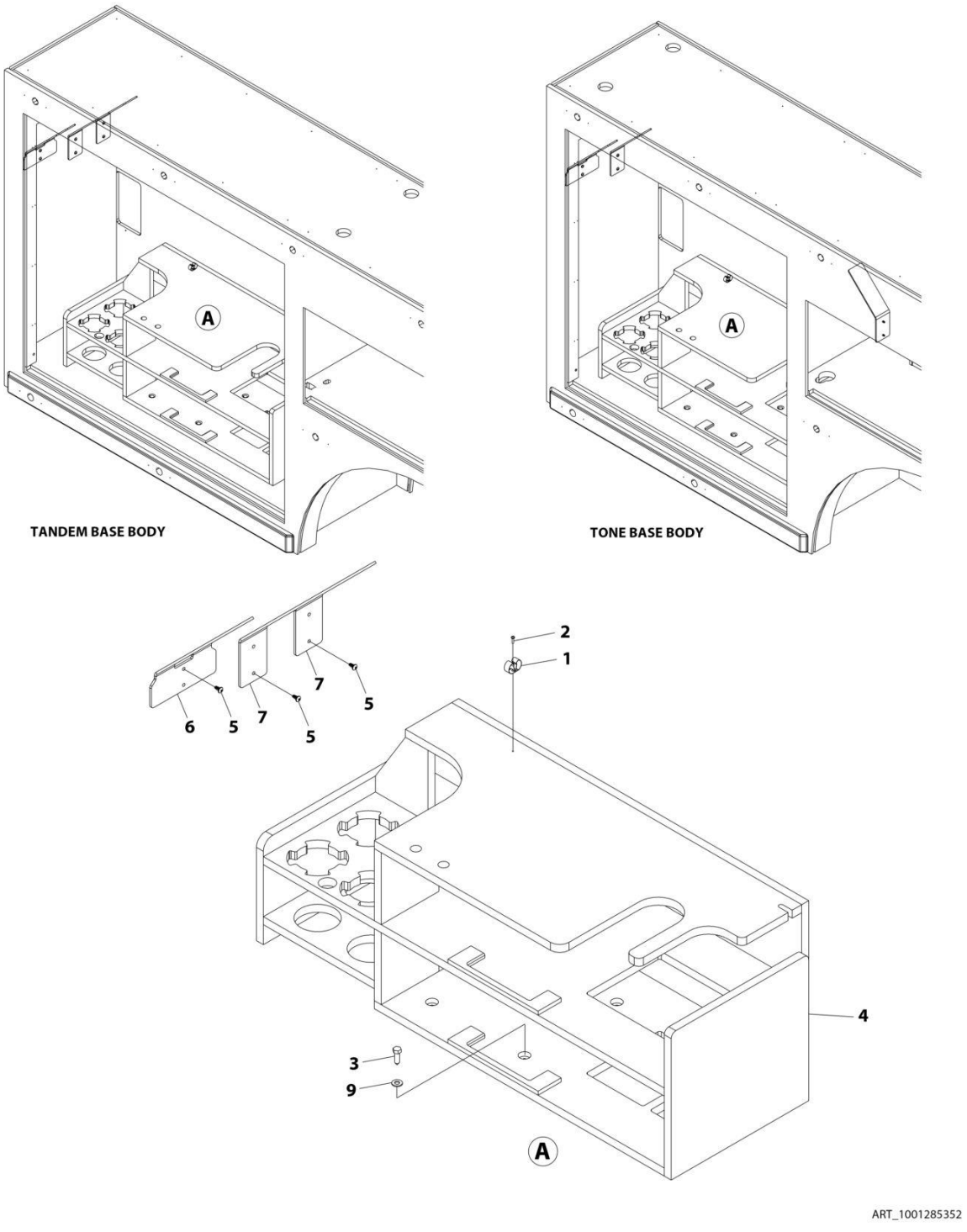


FIGURE 4-85. STORAGE - TIRE LIFT/BUS ARMS & RATCHETS - BB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285352	Ref	TIRE LIFT INSTALLATION	B
1	1380135	1	Clip	
2	3900339	1	Screw #6 x 1/2	
3	1001168545	4	Capscrew 3/8 x 1-1/4	
4	1001190409	1	Storage	
5	1001195257	6	Screw 1/4 x 1/2	
6	1001285357	1	Bracket	
7	1001285358	2	Bracket	
9	7950160143	4	Washer 3/8	

FIGURE 4-86. STORAGE - TOOL DRAWER INSTALLATION (TANDEM)

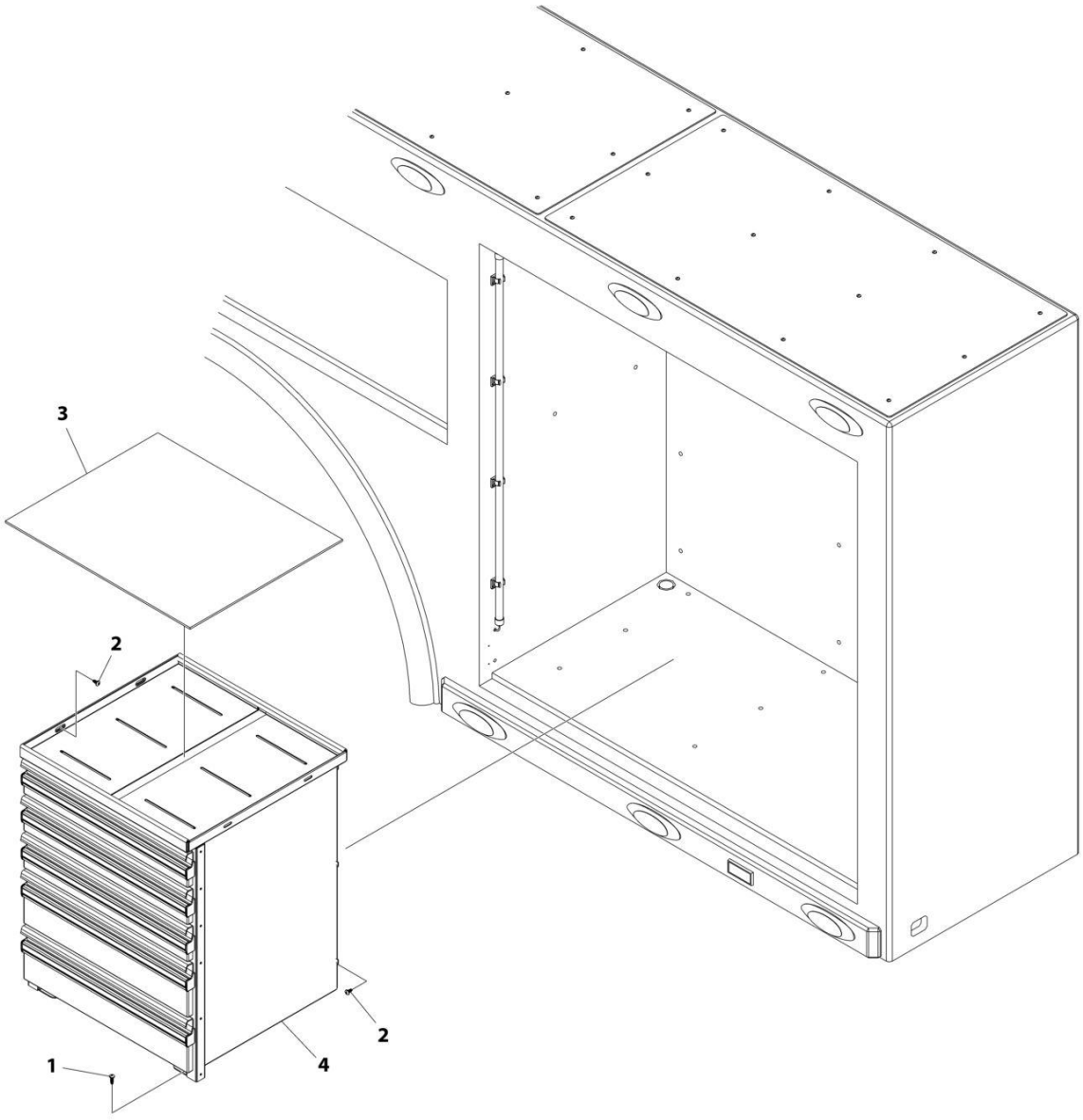


FIGURE 4-86. STORAGE - TOOL DRAWER INSTALLATION (TANDEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220164	Ref	TOOL DRAWER INSTALLATION (TANDEM)	B
1	1001194676	6	Screw 1/4 x 3/4	
2	1001195257	8	Screw 1/4 x 1/2	
3	1001195279	1	Pad	
4	1001266946	1	Toolbox	

FIGURE 4-87. STORAGE - TOOL DRAWER INSTALLATION (TRI-AXLE PASSENGERS SIDE)

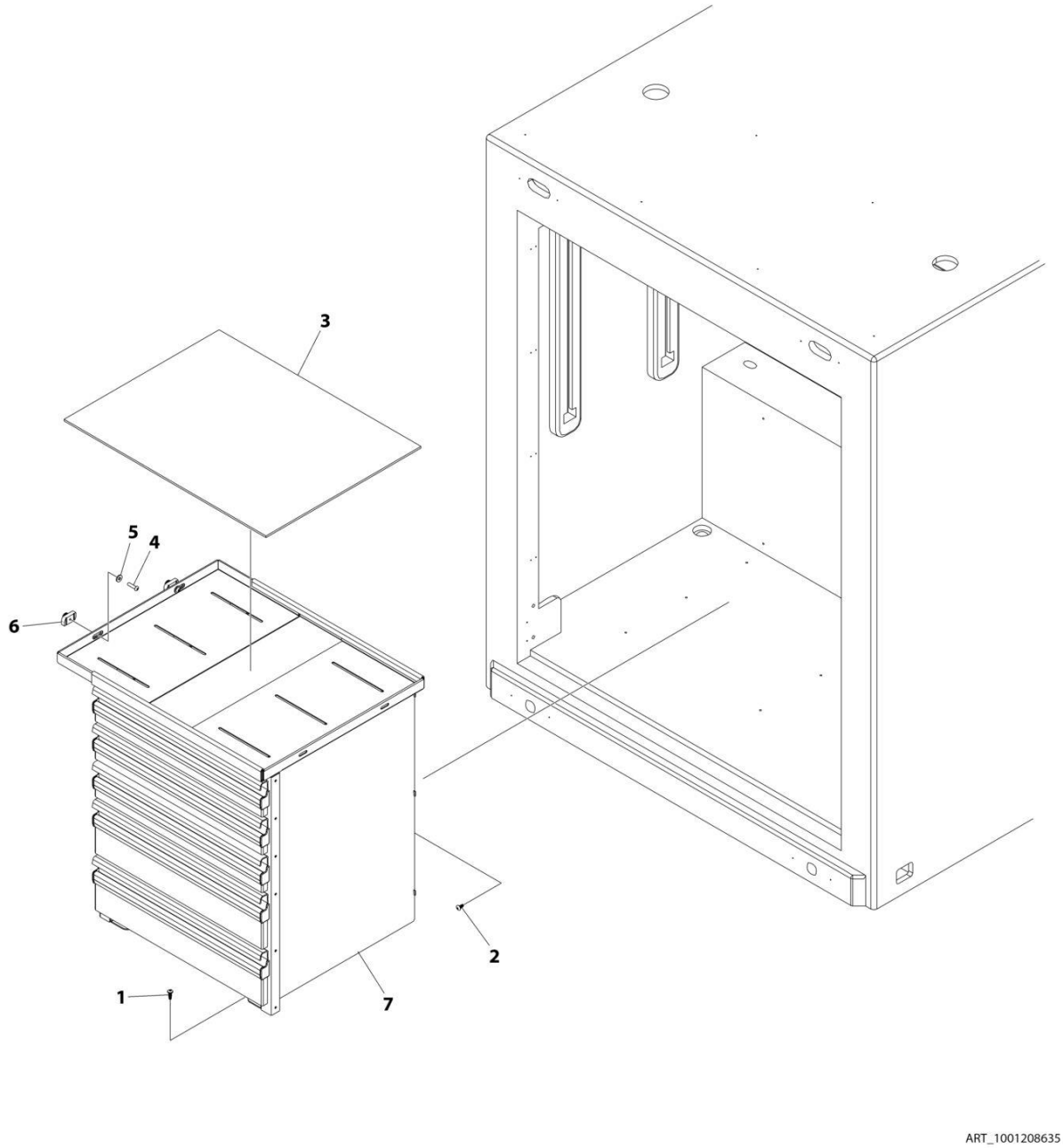


FIGURE 4-87. STORAGE - TOOL DRAWER INSTALLATION (TRI-AXLE PASSENGERS SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208635	Ref	TOOLBOX/DRAWER INSTALLATION	C
1	1001194676	6	Screw 1/4 x 3/4	
2	1001195257	4	Screw 1/4 x 1/2	
3	1001195341	1	Pad	
4	7114140818	2	Capscrew 1/2 x 1	
5	7950140143	2	Washer 1/4	
6	1001183037	2	Nut 1/4	
7	1001190410	1	Toolbox **(SN 0230004275 through 0230008203)**	
7	1001266946	1	Toolbox **(SN 0230008204 to Present)**	

FIGURE 4-88. STORAGE - TOOL STORAGE INSTALLATION

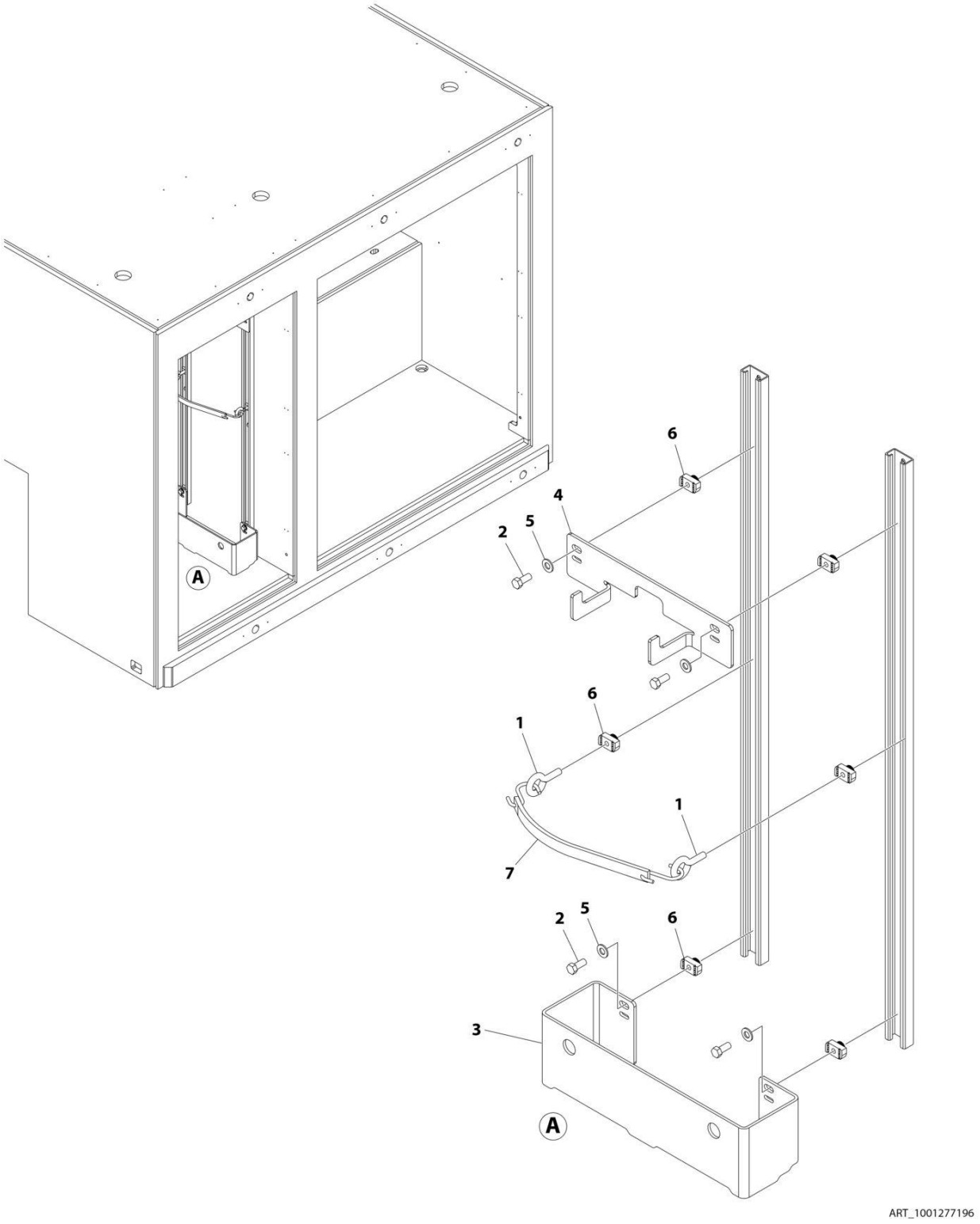


FIGURE 4-88. STORAGE - TOOL STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001277196	Ref	TOOL STORAGE INSTALLATION	A
1	1001175231	2	Eyebolt 3/8	
2	1001210454	4	Bolt 3/8 x 7/8	
3	1001277194	1	Channel	
4	1001277195	1	Plate	
5	7950160141	4	Washer 3/8	
6	1001166644	6	Spring Nut 3/8	
7	1001191736	1	Strap	

FIGURE 4-89. STORAGE - TOW LIGHT STORAGE INSTALLATION

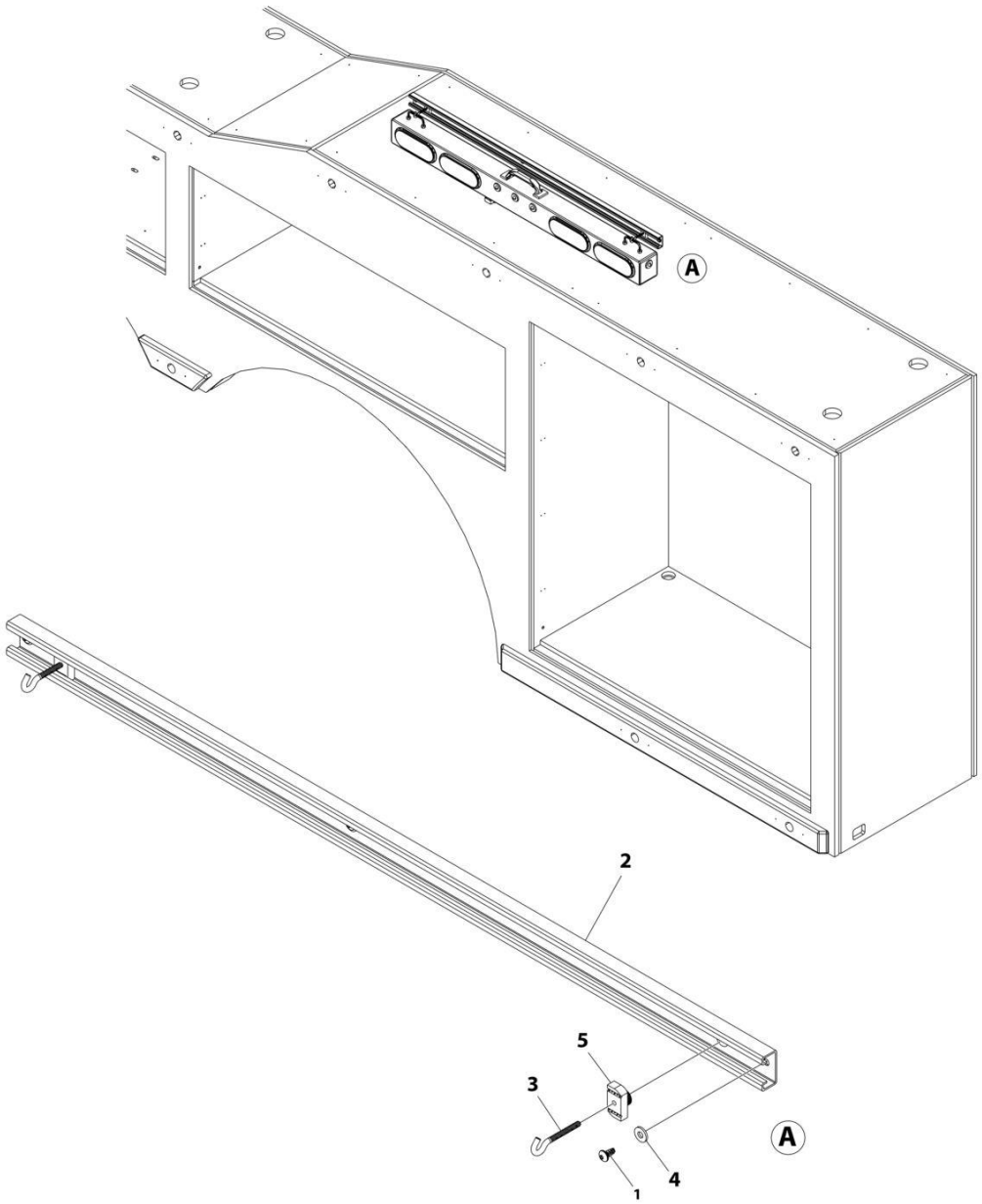


FIGURE 4-89. STORAGE - TOW LIGHT STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283855	Ref	TOW LIGHT STORAGE INSTALLATION	A
1	1001195257	3	Screw 1/4 x 1/2	
2	1001277612	1	Channel	
3	1001283856	2	Hook Screw 1/4	
4	7950140143	3	Washer 1/4	
5	1001183037	2	Nut 1/4	

FIGURE 4-90. TUNNEL INSTALLATION - 38IN

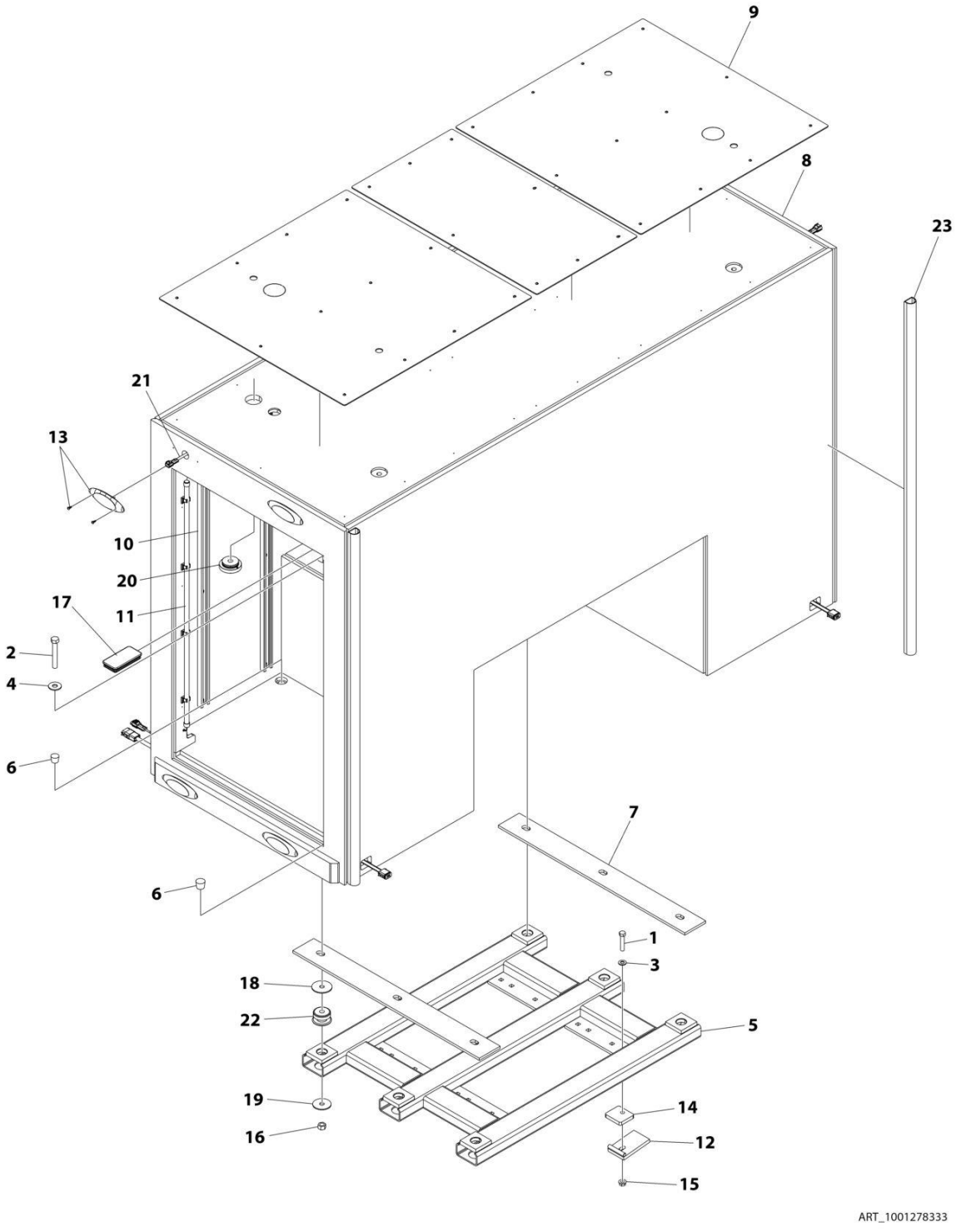


FIGURE 4-90. TUNNEL INSTALLATION - 38IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278333	Ref	TUNNEL INSTALLATION - 38IN	A
1	0641820	8	Bolt 1/2 x 2-1/2	
2	0642034	6	Bolt 5/8 x 4-1/4	
3	4711800	8	Washer 1/2	
4	4752000	6	Washer 5/8	
5	1001187063	1	Toolbox Mount	
6	1001173847	4	Plug	
7	1001197338	2	Support	
8	1001274550	1	Tunnel Toolbox	
9	1001278488	1	Battery Cover Installation (See Separate Breakdown in ELECTRICAL Section)	
10	1001279058	1	T Slots Installation	
10A	1001277611	6	Channel (Not Shown)	
10B	1001277612	8	Channel (Not Shown)	
11	1001196583	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
12	3274000011	8	Clamp Weldment	
13	1001196625	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
14	4705000705	8	Plate	
15	7660182301	8	Nut 1/2	
16	7660200001	6	Nut 5/8	
17	7701000048	1	Plug	
18	7949000019	6	Washer	
19	7949000020	6	Washer	
20	1001196808	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
21	1001281659	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
22	7636000008	6	Mount	
23	8632000011	10 ft	Seal	

FIGURE 4-91. TUNNEL INSTALLATION - 50IN

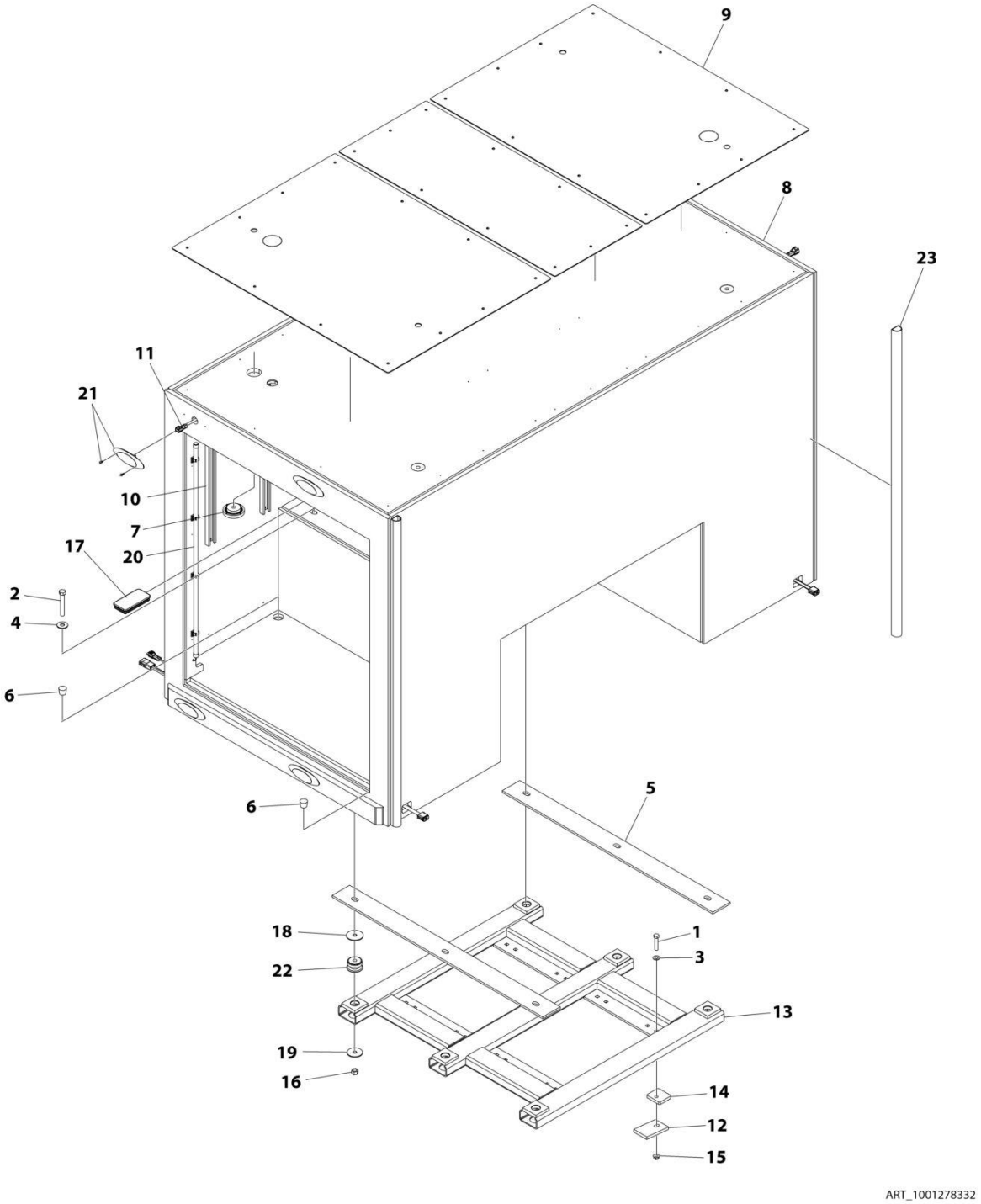


FIGURE 4-91. TUNNEL INSTALLATION - 50IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278332	Ref	TUNNEL INSTALLATION - 50IN	A
1	0641820	8	Bolt 1/2 x 2-1/2	
2	0642034	6	Bolt 5/8 x 4-1/4	
3	4711800	8	Washer 1/2	
4	4752000	6	Washer 5/8	
5	1001165692	2	Support	
6	1001173847	4	Plug	
7	1001196808	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
8	1001274549	1	Tunnel Toolbox	
9	1001278487	1	Battery Cover Installation (See Separate Breakdown in this Section)	
10	1001278777	1	T Slots Installation	
10A	1001277611	10	Channel (Not Shown)	
10B	1001277612	4	Channel (Not Shown)	
11	1001281659	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
12	3274000011	8	Clamp Weldment	
13	3911000068	1	Toolbox Mount	
14	4705000705	8	Plate	
15	7660182301	8	Nut 1/2	
16	7660200001	6	Nut 5/8	
17	7701000048	1	Plug	
18	7949000019	6	Washer	
19	7949000020	6	Washer	
20	1001196583	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
21	1001196625	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
22	7636000008	6	Mount	
23	8632000011	10 ft	Seal	

FIGURE 4-92. TUNNEL INSTALLATION - 76IN

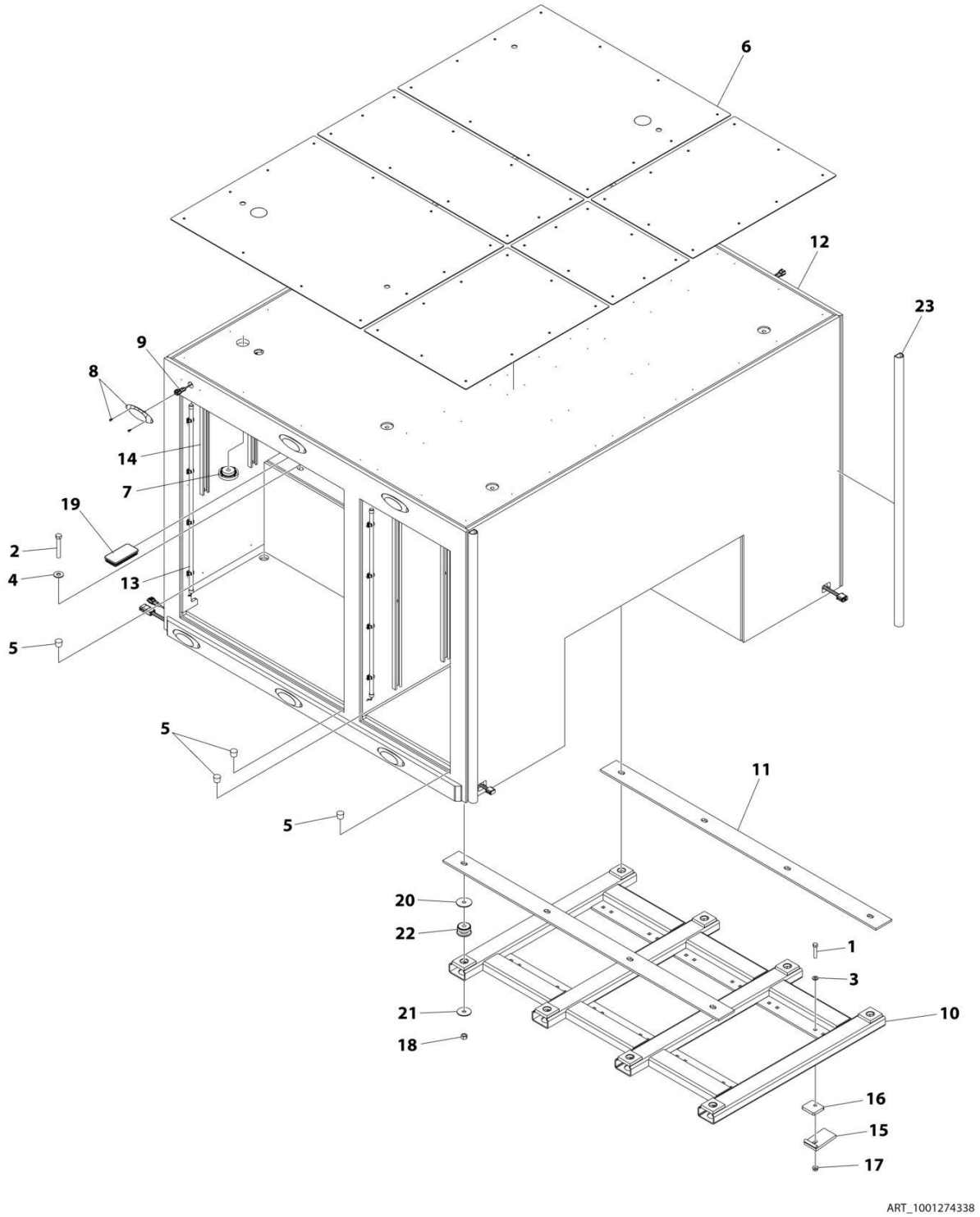


FIGURE 4-92. TUNNEL INSTALLATION - 76IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274338	Ref	TUNNEL INSTALLATION - 76IN	A
1	0641820	10	Bolt 1/2 x 2-1/2	
2	0642034	8	Bolt 5/8 x 4-1/4	
3	4711800	10	Washer 1/2	
4	4752000	8	Washer 5/8	
5	1001173847	8	Plug	
6	1001270606	1	Battery Cover Installation (See Separate Breakdown in this Section)	
7	1001270609	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
8	1001270636	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
9	1001270652	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
10	1001270829	1	Mount	
11	1001270830	2	Support	
12	1001274339	1	Tunnel Toolbox	
13	1001274383	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
14	1001277609	1	T Slots Installation	
14A	1001277611	16	Channel (Not Shown)	
14B	1001277612	12	Channel (Not Shown)	
15	3274000011	10	Clamp Weldment	
16	4705000705	10	Plate	
17	7660182301	10	Nut 1/2	
18	7660200001	8	Nut 5/8	
19	7701000048	1	Plug	
20	7949000019	8	Washer	
21	7949000020	8	Washer	
22	7636000008	8	Mount	
23	8632000011	10 ft	Seal	

FIGURE 4-93. TUNNEL INSTALLATION - 88IN

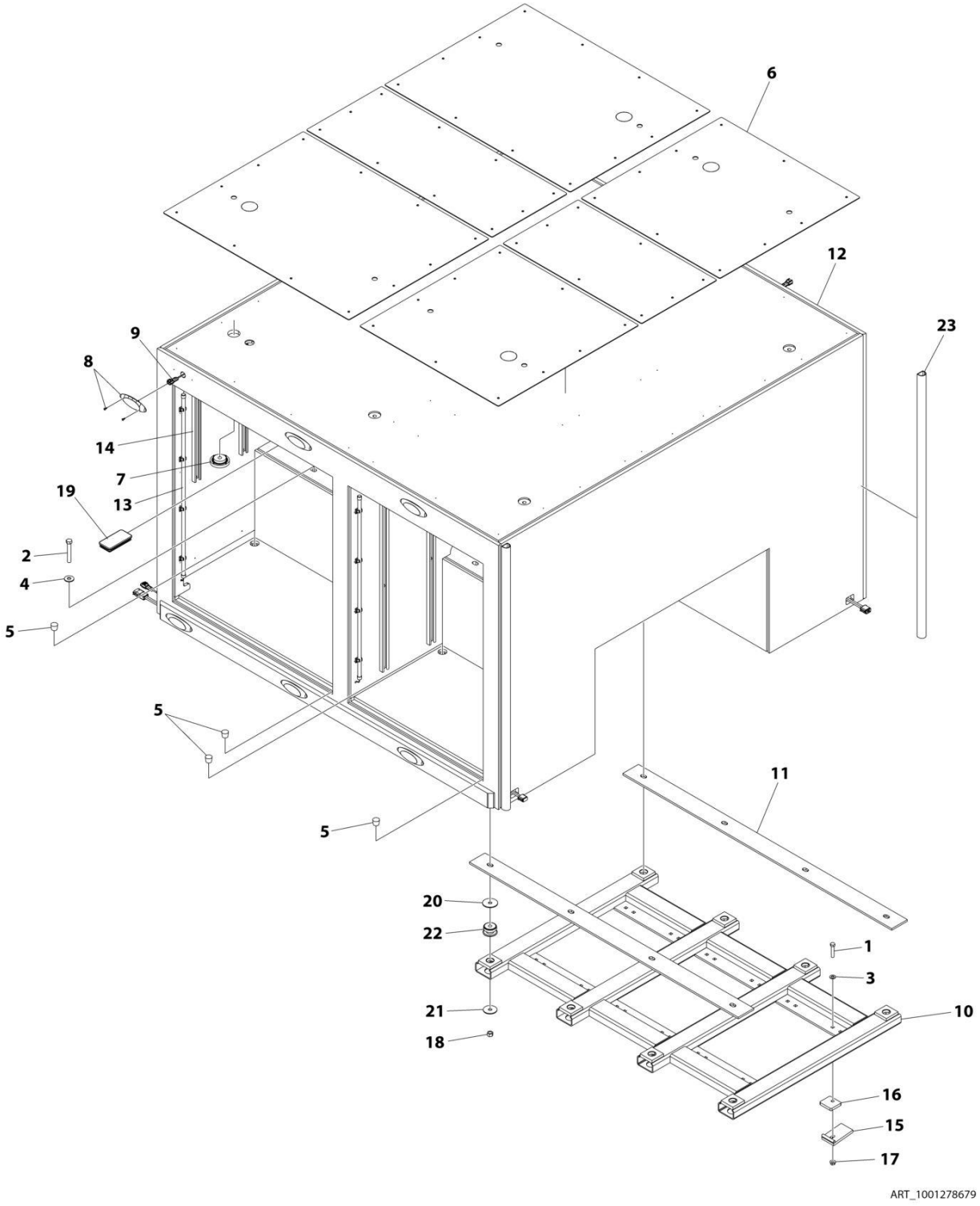


FIGURE 4-93. TUNNEL INSTALLATION - 88IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278679	Ref	TUNNEL INSTALLATION - 88IN	A
1	0641820	10	Bolt 1/2 x 2-1/2	
2	0642034	8	Bolt 5/8 x 4-1/4	
3	4711800	10	Washer 1/2	
4	4752000	8	Washer 5/8	
5	1001173847	8	Plug	
6	1001278246	1	Battery Cover Installation (See Separate Breakdown in this Section)	
7	1001270609	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
8	1001270636	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
9	1001270652	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
10	1001270829	1	Mount	
11	1001270830	2	Support	
12	1001278244	1	Tunnel Toolbox	
13	1001274383	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
14	1001277609	1	T Slots Installation	
14A	1001277611	16	Channel (Not Shown)	
14B	1001277612	12	Channel (Not Shown)	
15	3274000011	10	Clamp Weldment	
16	4705000705	10	Plate	
17	7660182301	10	Nut 1/2	
18	7660200001	8	Nut 5/8	
19	7701000048	1	Plug	
20	7949000019	8	Washer	
21	7949000020	8	Washer	
22	7636000008	8	Mount	
23	8632000011	10 ft	Seal	

FIGURE 4-94. TUNNEL INSTALLATION - 38IN WITH 2K CWT

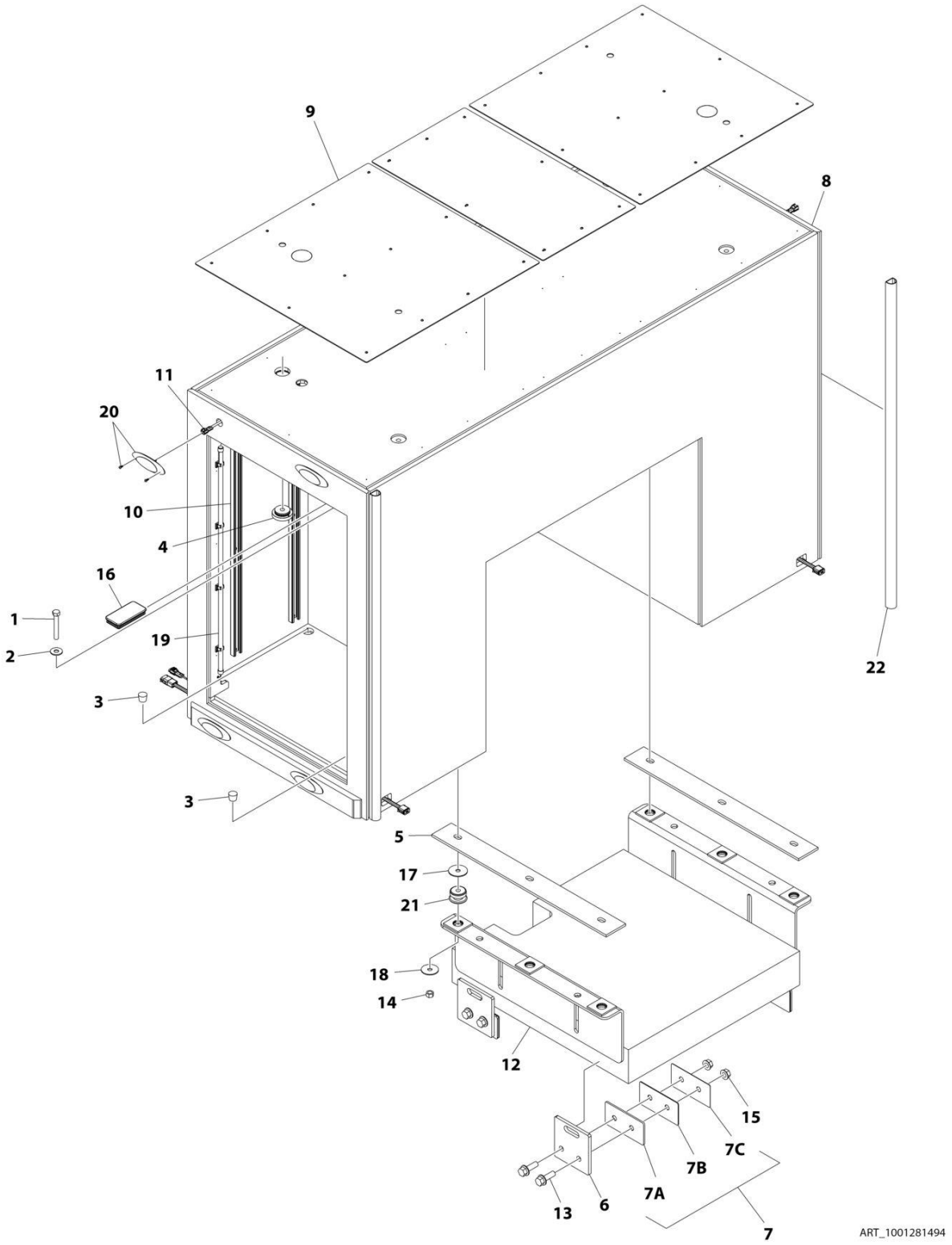


FIGURE 4-94. TUNNEL INSTALLATION - 38IN WITH 2K CWT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281494	Ref	TUNNEL INSTALLATION - 38IN WITH 2K CWT	A
1	0642034	6	Bolt 5/8 x 4-1/4	
2	4752000	6	Washer 5/8	
3	1001173847	4	Plug	
4	1001196808	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
5	1001197338	2	Support	
6	1001219916	4	Plate	
7	1001219921	1	Shim Kit	
7A	1001219917	4	Shim 1/4	
7B	1001219918	4	Shim 11GA	
7C	1001219919	4	Shim 16GA	
8	1001279492	1	Tunnel Toolbox	
9	1001278488	1	Battery Cover Installation (See Separate Breakdown in this Section)	
10	1001279671	1	T Slots Installation	
10A	1001279673	6	Channel (Not Shown)	
10B	1001277612	8	Channel (Not Shown)	
11	1001281659	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
12	1001281933	1	Tunnel Weight	
13	7118222816	8	Bolt 3/4 x 3-1/2	
14	7660200001	6	Nut 5/8	
15	7660222308	8	Nut 3/4	
16	7701000048	1	Plug	
17	7949000019	6	Washer	
18	7949000020	6	Washer	
19	1001196583	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
20	1001196625	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
21	7636000008	6	Mount	
22	8632000011	10 ft	Seal	

FIGURE 4-95. TUNNEL INSTALLATION - 38IN WITH 3K CWT

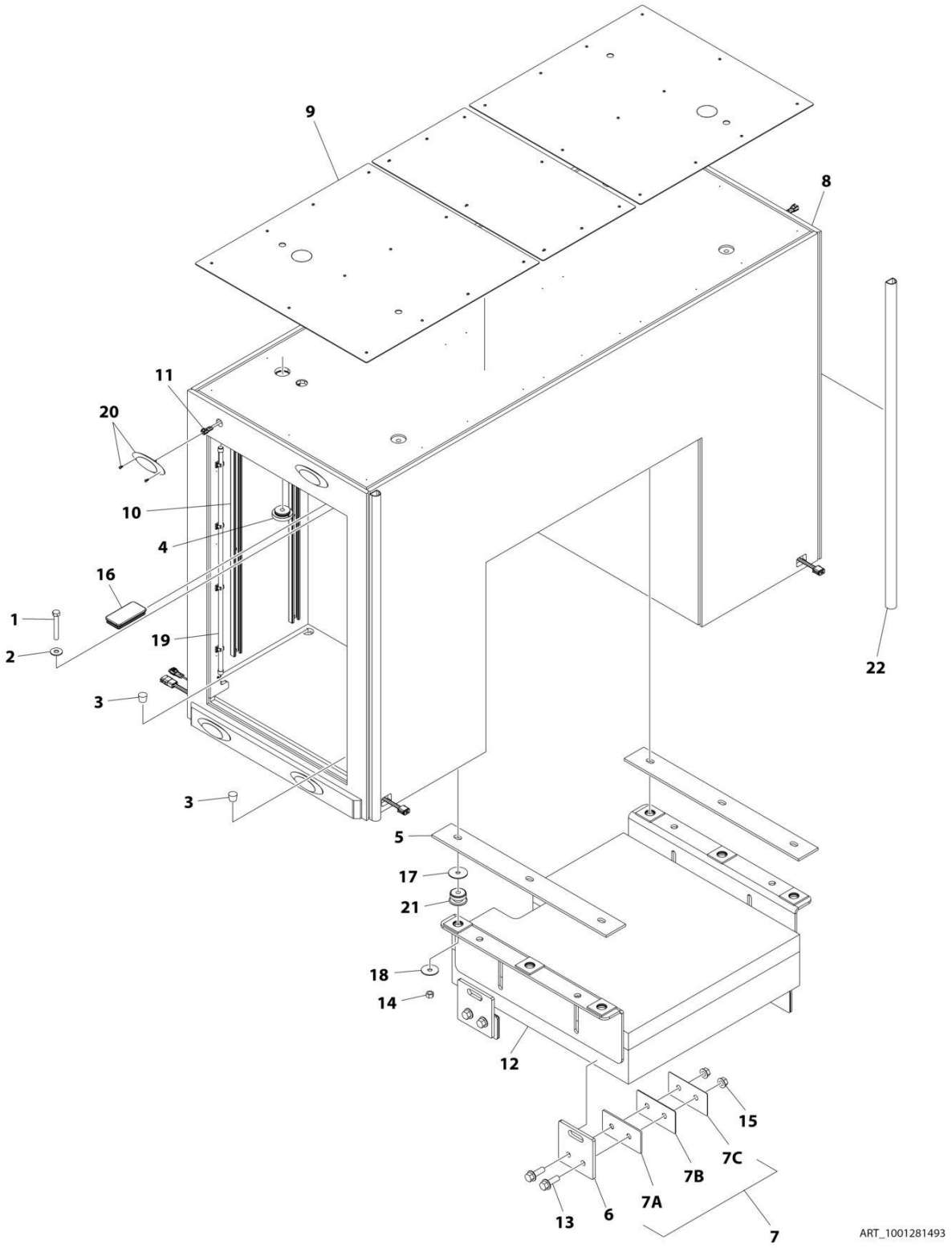


FIGURE 4-95. TUNNEL INSTALLATION - 38IN WITH 3K CWT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281493	Ref	TUNNEL INSTALLATION - 38IN WITH 3K CWT	A
1	0642034	6	Bolt 5/8 x 4-1/4	
2	4752000	6	Washer 5/8	
3	1001173847	4	Plug	
4	1001196808	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
5	1001197338	2	Support	
6	1001219916	4	Plate	
7	1001219921	1	Shim Kit	
7A	1001219917	4	Shim 1/4	
7B	1001219918	4	Shim 11GA	
7C	1001219919	4	Shim 16GA	
8	1001279492	1	Tunnel Toolbox	
9	1001278488	1	Battery Cover Installation (See Separate Breakdown in this Section)	
10	1001279671	1	T Slots Installation	
10A	1001279673	6	Channel (Not Shown)	
10B	1001277612	8	Channel (Not Shown)	
11	1001281659	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
12	1001281932	1	Tunnel Weight	
13	7118222816	8	Bolt 3/4 x 3-1/2	
14	7660200001	6	Nut 5/8	
15	7660222308	8	Nut 3/4	
16	7701000048	1	Plug	
17	7949000019	6	Washer	
18	7949000020	6	Washer	
19	1001196583	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
20	1001196625	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
21	7636000008	6	Mount	
22	8632000011	10 ft	Seal	

FIGURE 4-96. TUNNEL INSTALLATION - 38IN WITH 4K CWT

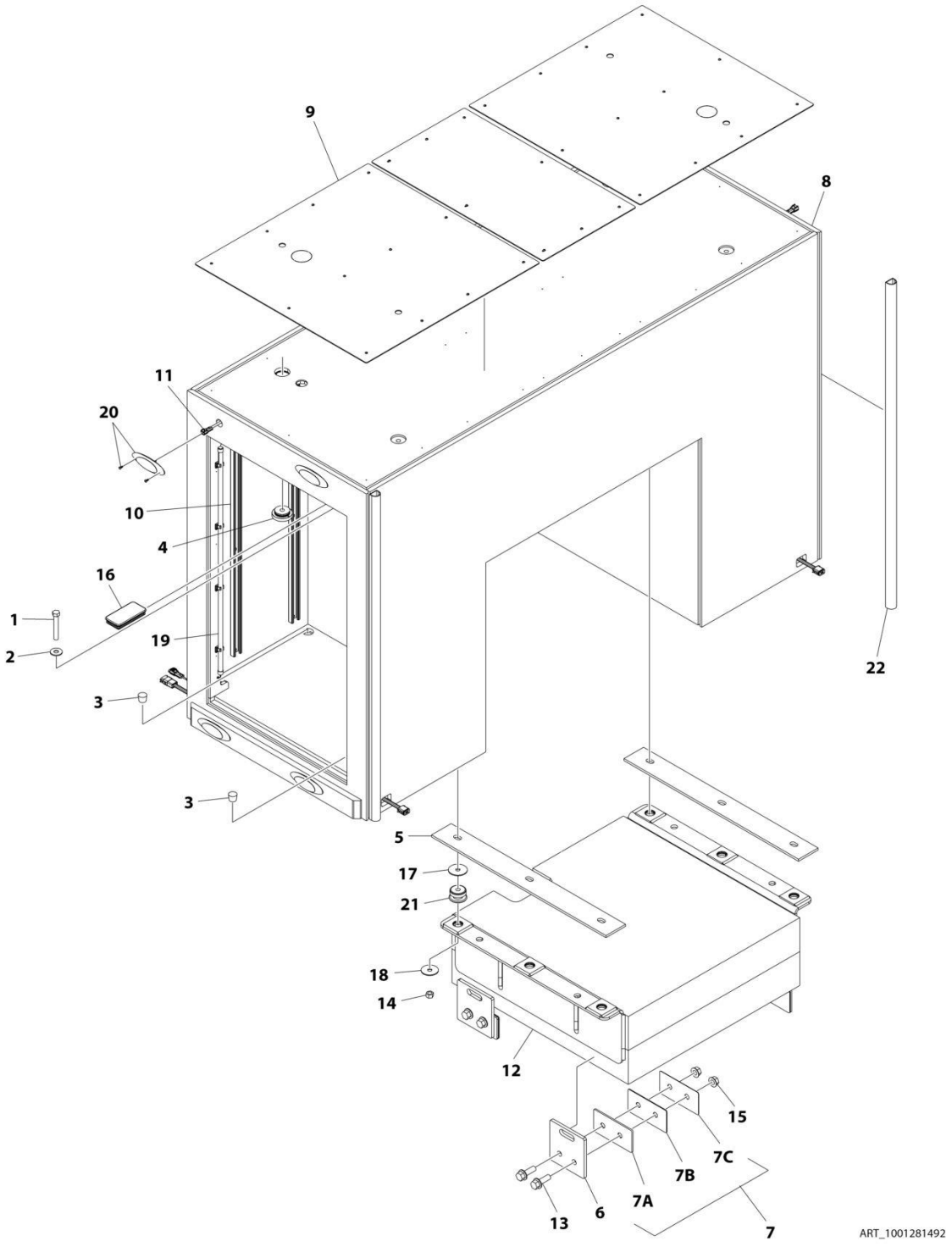


FIGURE 4-96. TUNNEL INSTALLATION - 38IN WITH 4K CWT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281492	Ref	TUNNEL INSTALLATION - 38IN WITH 4K CWT	A
1	0642034	6	Bolt 5/8 x 4-1/4	
2	4752000	6	Washer 5/8	
3	1001173847	4	Plug	
4	1001196808	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
5	1001197338	2	Support	
6	1001219916	4	Plate	
7	1001219921	1	Shim Kit	
7A	1001219917	4	Shim 1/4	
7B	1001219918	4	Shim 11GA	
7C	1001219919	4	Shim 16GA	
8	1001279492	1	Tunnel Toolbox	
9	1001278488	1	Battery Cover Installation (See Separate Breakdown in this Section)	
10	1001279671	1	T Slots Installation	
10A	1001279673	6	Channel (Not Shown)	
10B	1001277612	8	Channel (Not Shown)	
11	1001281659	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
12	1001281931	1	Tunnel Weight	
13	7118222816	8	Bolt 3/4 x 3-1/2	
14	7660200001	6	Nut 5/8	
15	7660222308	8	Nut 3/4	
16	7701000048	1	Plug	
17	7949000019	6	Washer	
18	7949000020	6	Washer	
19	1001196583	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
20	1001196625	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
21	7636000008	6	Mount	
22	8632000011	10 ft	Seal	

FIGURE 4-97. TUNNEL INSTALLATION - 50IN WITH 2K CWT

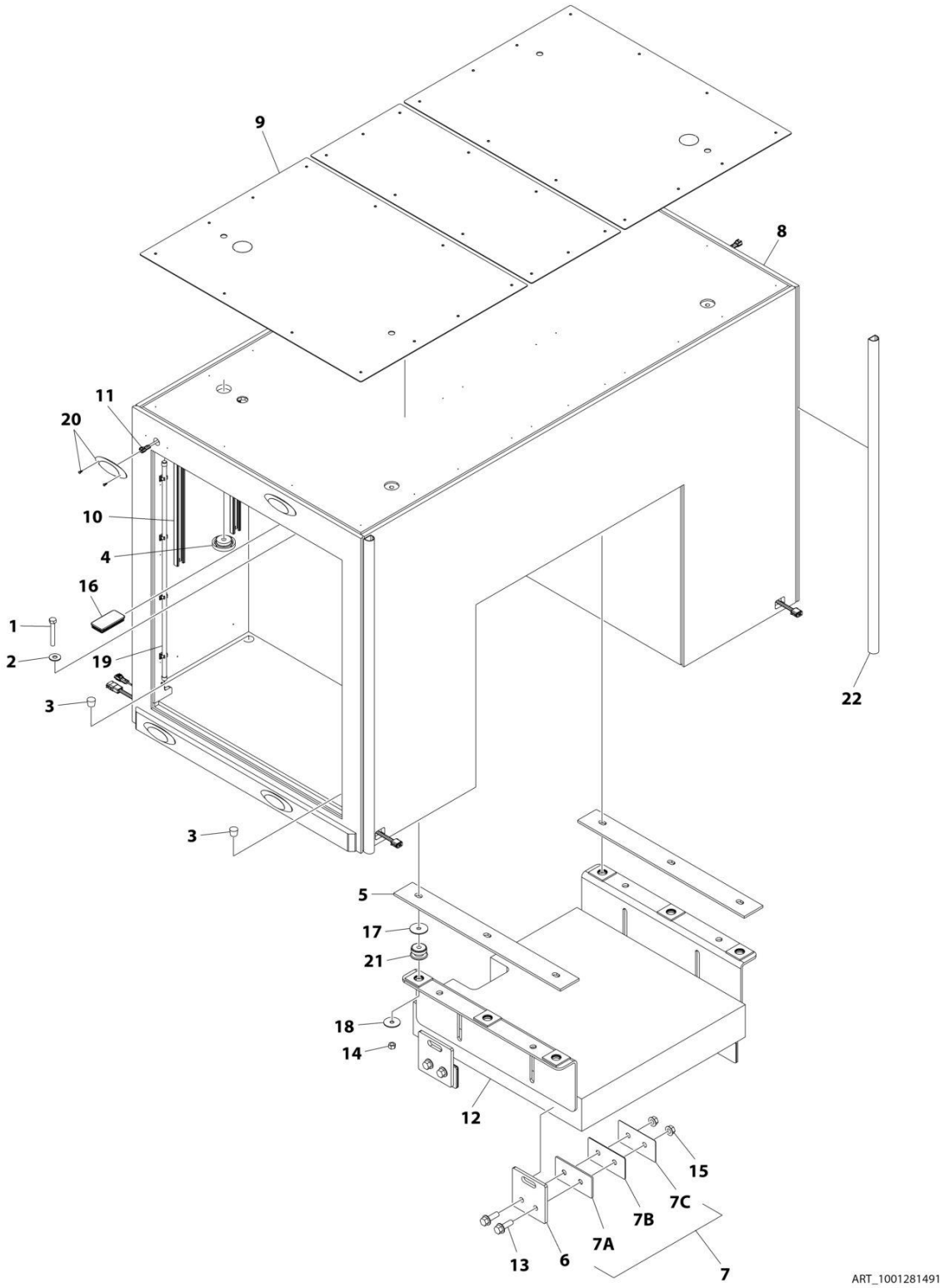


FIGURE 4-97. TUNNEL INSTALLATION - 50IN WITH 2K CWT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281491	Ref	TUNNEL INSTALLATION - 50IN WITH 2K CWT	A
1	0642034	6	Bolt 5/8 x 4-1/4	
2	4752000	6	Washer 5/8	
3	1001173847	4	Plug	
4	1001196808	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
5	1001197338	2	Support	
6	1001219916	4	Plate	
7	1001219921	1	Shim Kit	
7A	1001219917	4	Shim 1/4	
7B	1001219918	4	Shim 11GA	
7C	1001219919	4	Shim 16GA	
8	1001274548	1	Tunnel Toolbox	
9	1001278487	1	Battery Cover Installation (See Separate Breakdown in this Section)	
10	1001279672	1	T Slots Installation	
10A	1001277611	4	Channel (Not Shown)	
10B	1001277612	4	Channel (Not Shown)	
10C	1001279673	6	Channel (Not Shown)	
11	1001281659	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
12	1001281933	1	Tunnel Weight	
13	7118222816	8	Bolt 3/4 x 3-1/2	
14	7660200001	6	Nut 5/8	
15	7660222308	8	Nut 3/4	
16	7701000048	1	Plug	
17	7949000019	6	Washer	
18	7949000020	6	Washer	
19	1001196583	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
20	1001196625	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
21	7636000008	6	Mount	
22	8632000011	10 ft	Seal	

FIGURE 4-98. TUNNEL INSTALLATION - 50IN WITH 3K CWT

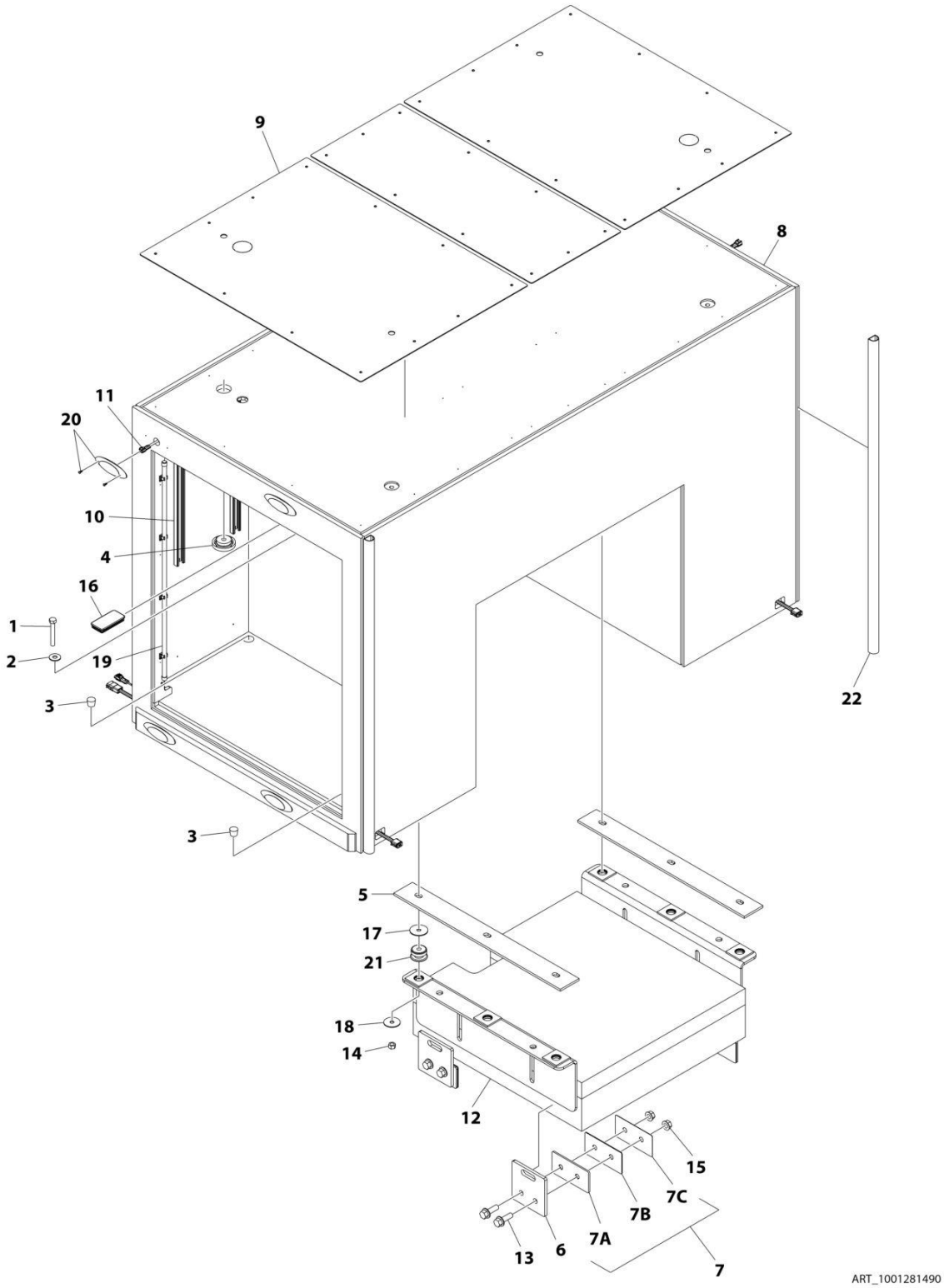


FIGURE 4-98. TUNNEL INSTALLATION - 50IN WITH 3K CWT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281490	Ref	TUNNEL INSTALLATION - 50IN WITH 3K CWT	A
1	0642034	6	Bolt 5/8 x 4-1/4	
2	4752000	6	Washer 5/8	
3	1001173847	4	Plug	
4	1001196808	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
5	1001197338	2	Support	
6	1001219916	4	Plate	
7	1001219921	1	Shim Kit	
7A	1001219917	4	Shim 1/4	
7B	1001219918	4	Shim 11GA	
7C	1001219919	4	Shim 16GA	
8	1001274548	1	Tunnel Toolbox	
9	1001278487	1	Battery Cover Installation (See Separate Breakdown in this Section)	
10	1001279672	1	T Slots Installation	
10A	1001277611	4	Channel (Not Shown)	
10B	1001277612	4	Channel (Not Shown)	
10C	1001279673	6	Channel (Not Shown)	
11	1001281659	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
12	1001281932	1	Tunnel Weight	
13	7118222816	8	Bolt 3/4 x 3-1/2	
14	7660200001	6	Nut 5/8	
15	7660222308	8	Nut 3/4	
16	7701000048	1	Plug	
17	7949000019	6	Washer	
18	7949000020	6	Washer	
19	1001196583	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
20	1001196625	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
21	7636000008	6	Mount	
22	8632000011	10 ft	Seal	

FIGURE 4-99. TUNNEL INSTALLATION - 50IN WITH 4K CWT

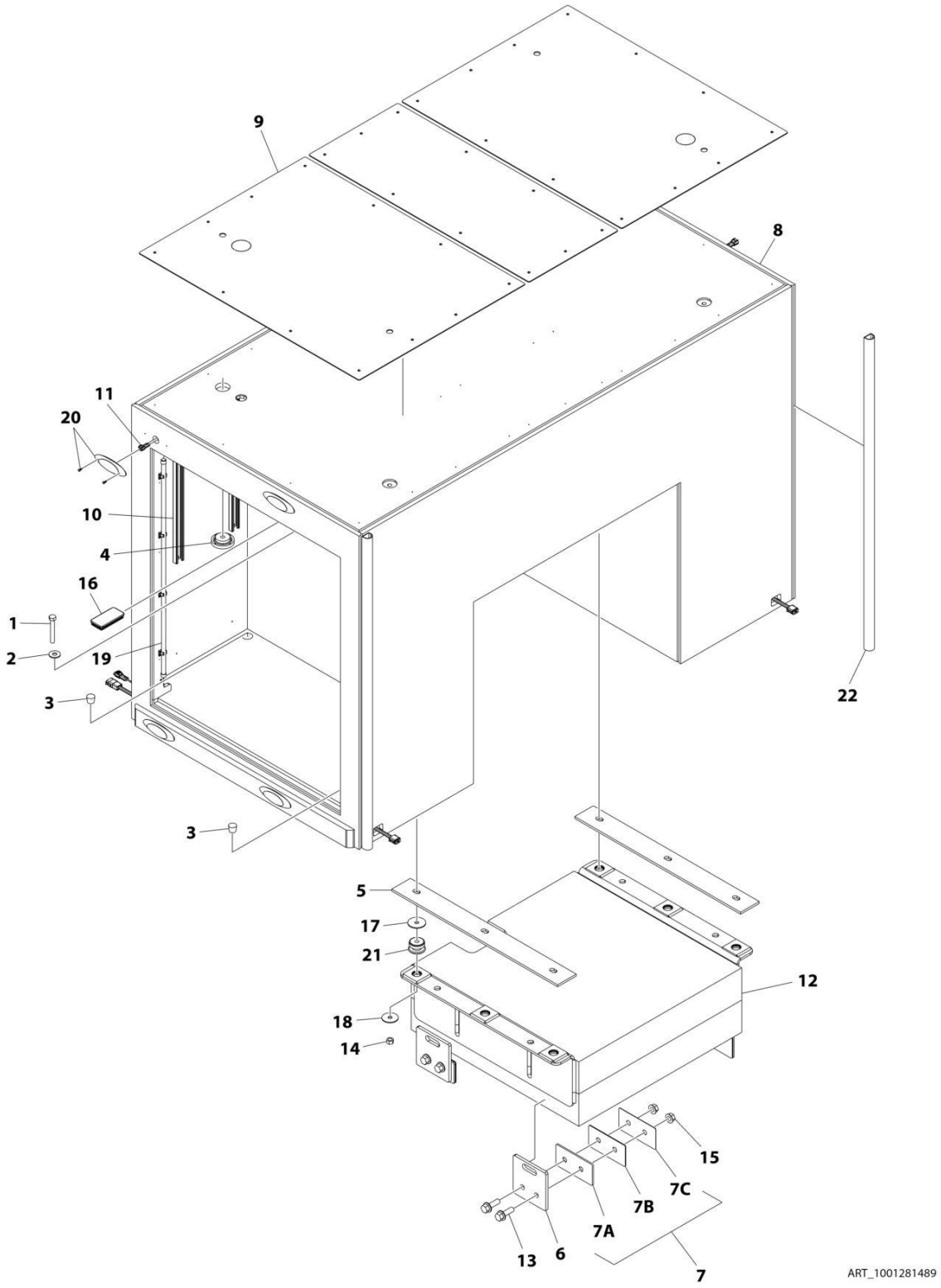


FIGURE 4-99. TUNNEL INSTALLATION - 50IN WITH 4K CWT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281489	Ref	TUNNEL INSTALLATION - 50IN WITH 4K CWT	A
1	0642034	6	Bolt 5/8 x 4-1/4	
2	4752000	6	Washer 5/8	
3	1001173847	4	Plug	
4	1001196808	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
5	1001197338	2	Support	
6	1001219916	4	Plate	
7	1001219921	1	Shim Kit	
7A	1001219917	4	Shim 1/4	
7B	1001219918	4	Shim 11GA	
7C	1001219919	4	Shim 16GA	
8	1001274548	1	Tunnel Toolbox	
9	1001278487	1	Battery Cover Installation (See Separate Breakdown in this Section)	
10	1001279672	1	T Slots Installation	
10A	1001277611	4	Channel (Not Shown)	
10B	1001277612	4	Channel (Not Shown)	
10C	1001279673	6	Channel (Not Shown)	
11	1001281659	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
12	1001281931	1	Tunnel Weight	
13	7118222816	8	Bolt 3/4 x 3-1/2	
14	7660200001	6	Nut 5/8	
15	7660222308	8	Nut 3/4	
16	7701000048	1	Plug	
17	7949000019	6	Washer	
18	7949000020	6	Washer	
19	1001196583	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
20	1001196625	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
21	7636000008	6	Mount	
22	8632000011	10 ft	Seal	

FIGURE 4-100. TUNNEL INSTALLATION - 50IN WITH 5K CWT

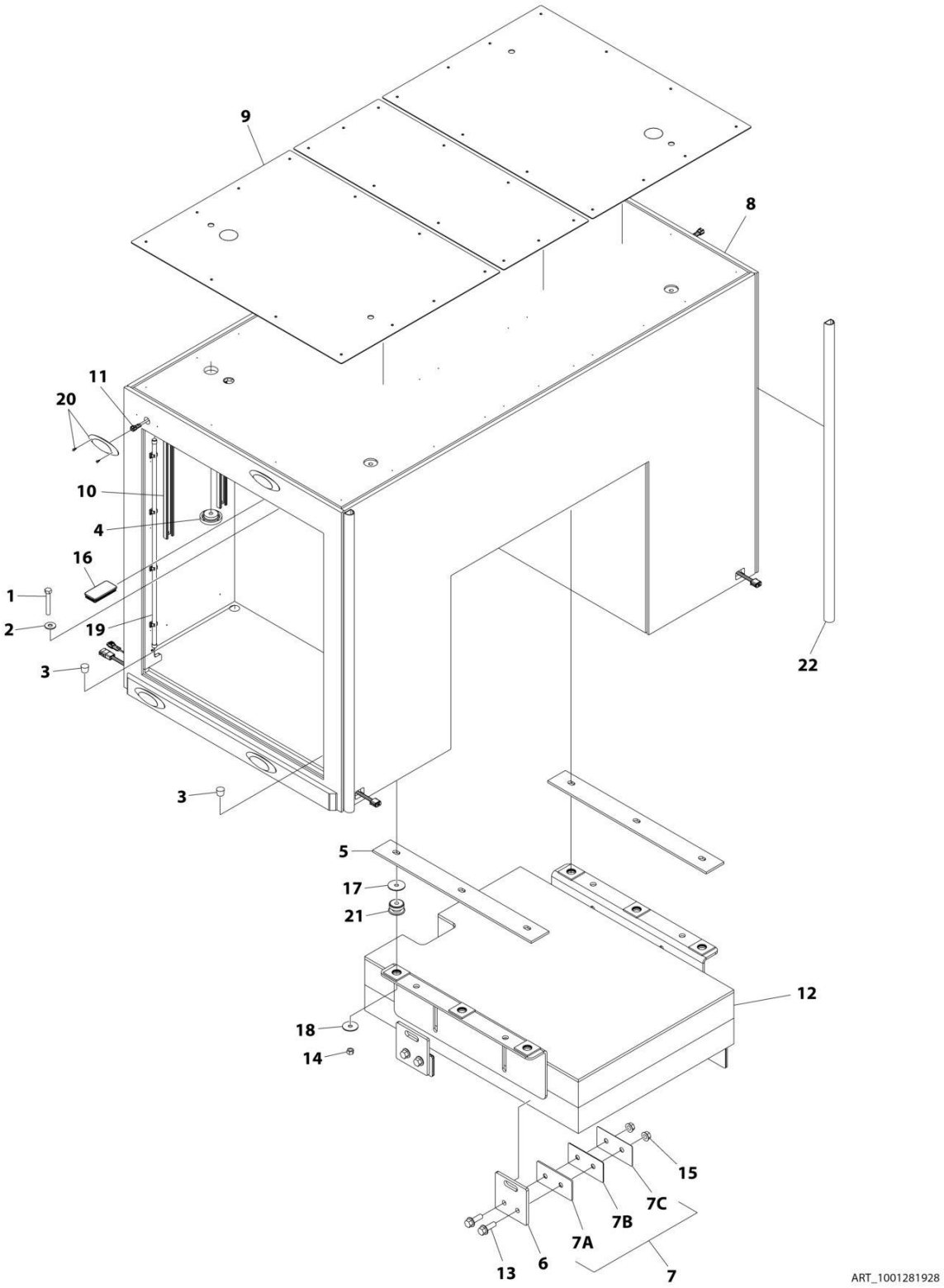


FIGURE 4-100. TUNNEL INSTALLATION - 50IN WITH 5K CWT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281928	Ref	TUNNEL INSTALLATION - 50IN WITH 5K CWT	A
1	0642034	6	Bolt 5/8 x 4-1/4	
2	4752000	6	Washer 5/8	
3	1001173847	4	Plug	
4	1001196808	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
5	1001197338	2	Support	
6	1001219916	4	Plate	
7	1001219921	1	Shim Kit	
7A	1001219917	4	Shim 1/4	
7B	1001219918	4	Shim 11GA	
7C	1001219919	4	Shim 16GA	
8	1001274548	1	Tunnel Toolbox	
9	1001278487	1	Battery Cover Installation (See Separate Breakdown in this Section)	
10	1001279672	1	T Slots Installation	
10A	1001277611	4	Channel (Not Shown)	
10B	1001277612	4	Channel (Not Shown)	
10C	1001279673	6	Channel (Not Shown)	
11	1001281659	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
12	1001281930	1	Tunnel Weight	
13	7118222816	8	Bolt 3/4 x 3-1/2	
14	7660200001	6	Nut 5/8	
15	7660222308	8	Nut 3/4	
16	7701000048	1	Plug	
17	7949000019	6	Washer	
18	7949000020	6	Washer	
19	1001196583	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
20	1001196625	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
21	7636000008	6	Mount	
22	8632000011	10 ft	Seal	

FIGURE 4-101. TUNNEL INSTALLATION - 50IN WITH 6K CWT

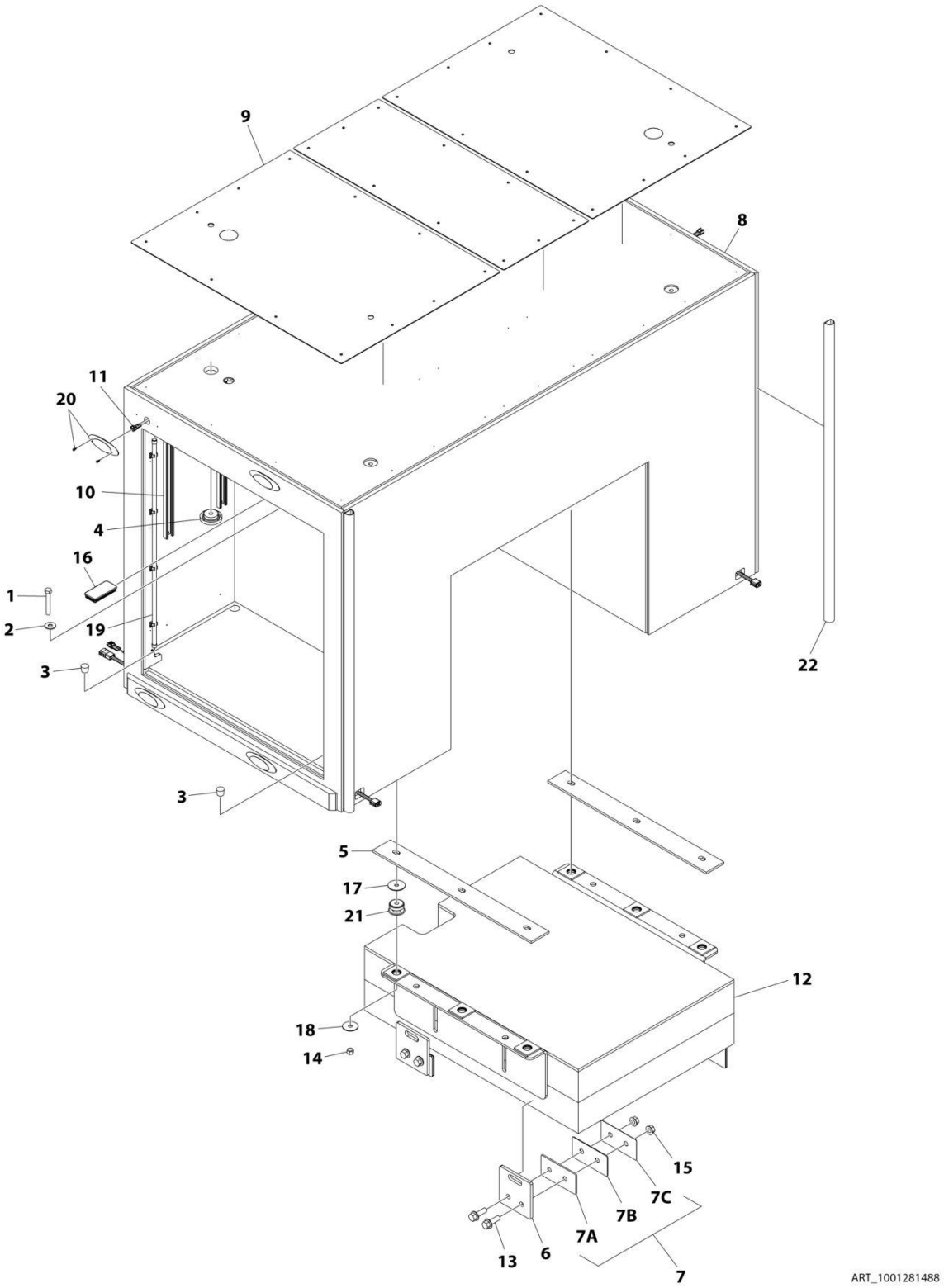


FIGURE 4-101. TUNNEL INSTALLATION - 50IN WITH 6K CWT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281488	Ref	TUNNEL INSTALLATION - 50IN WITH 6K CWT	A
1	0642034	6	Bolt 5/8 x 4-1/4	
2	4752000	6	Washer 5/8	
3	1001173847	4	Plug	
4	1001196808	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
5	1001197338	2	Support	
6	1001219916	4	Plate	
7	1001219921	1	Shim Kit	
7A	1001219917	4	Shim 1/4	
7B	1001219918	4	Shim 11GA	
7C	1001219919	4	Shim 16GA	
8	1001274548	1	Tunnel Toolbox	
9	1001278487	1	Battery Cover Installation (See Separate Breakdown in this Section)	
10	1001279672	1	T Slots Installation	
10A	1001277611	4	Channel (Not Shown)	
10B	1001277612	4	Channel (Not Shown)	
10C	1001279673	6	Channel (Not Shown)	
11	1001281659	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
12	1001281929	1	Tunnel Weight	
13	7118222816	8	Bolt 3/4 x 3-1/2	
14	7660200001	6	Nut 5/8	
15	7660222308	8	Nut 3/4	
16	7701000048	1	Plug	
17	7949000019	6	Washer	
18	7949000020	6	Washer	
19	1001196583	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
20	1001196625	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
21	7636000008	6	Mount	
22	8632000011	10 ft	Seal	

FIGURE 4-102. TUNNEL INSTALLATION - 76IN WITH 1.4K CWT

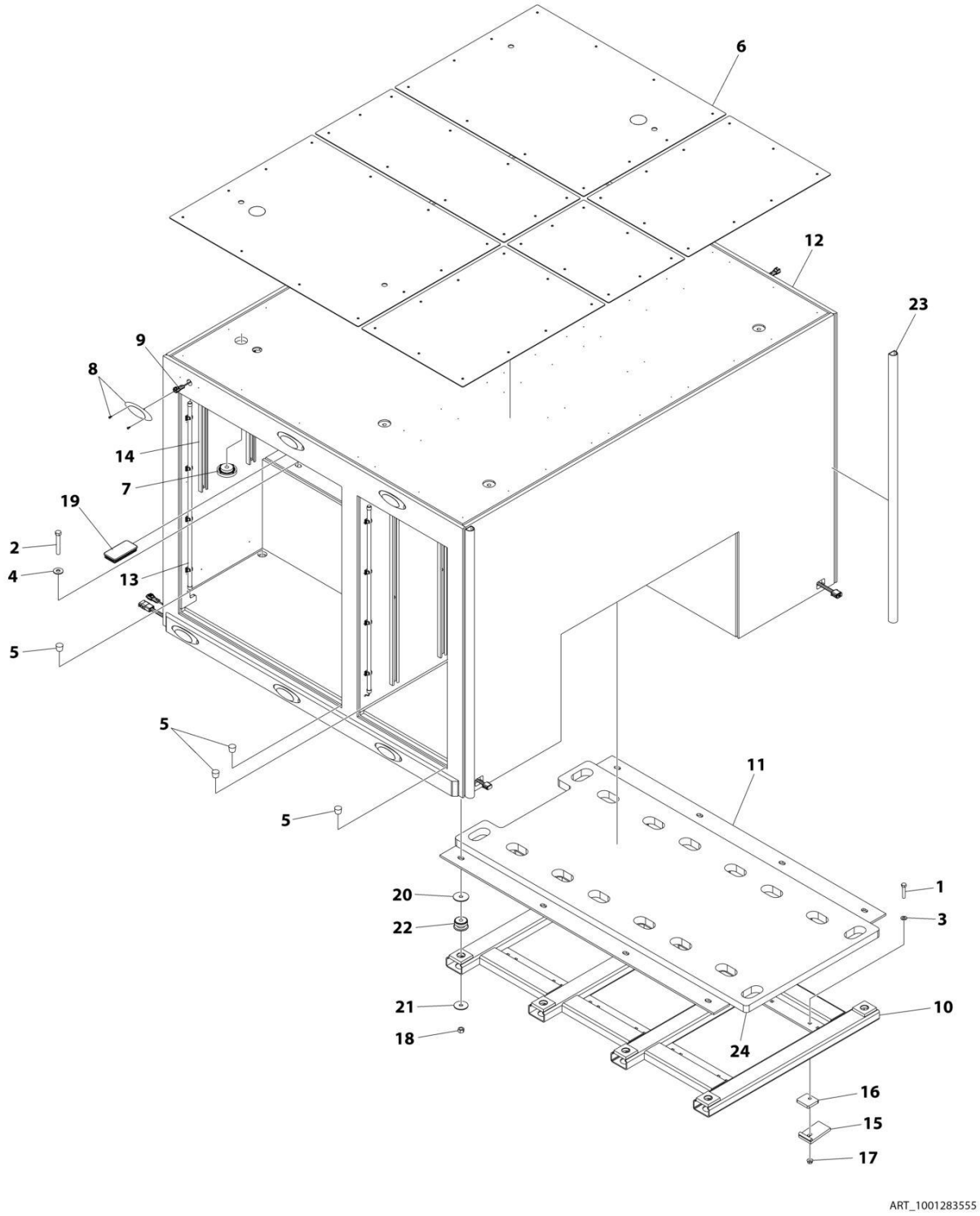


FIGURE 4-102. TUNNEL INSTALLATION - 76IN WITH 1.4K CWT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283555	Ref	TUNNEL INSTALLATION - 76IN WITH 1.4K CWT	A
1	0641820	10	Bolt 1/2 x 2-1/2	
2	0642034	8	Bolt 5/8 x 4-1/4	
3	4711800	10	Washer 1/2	
4	4752000	8	Washer 5/8	
5	1001173847	8	Plug	
6	1001270606	1	Battery Cover Installation (See Separate Breakdown in this Section)	
7	1001270609	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
8	1001270636	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
9	1001270652	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
10	1001270829	1	Mount	
11	1001270830	2	Support	
12	1001274339	1	Tunnel Toolbox	
13	1001274383	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
14	1001277609	1	T Slots Installation	
14A	1001277611	16	Channel (Not Shown)	
14B	1001277612	12	Channel (Not Shown)	
15	3274000011	10	Clamp Weldment	
16	4705000705	10	Plate	
17	7660182301	10	Nut 1/2	
18	7660200001	8	Nut 5/8	
19	7701000048	1	Plug	
20	7949000019	8	Washer	
21	7949000020	8	Washer	
22	7636000008	8	Mount	
23	8632000011	10 ft	Seal	
24	1001276871	1	Counter Weight Installation	

FIGURE 4-103. TUNNEL INSTALLATION - 88IN WITH 1.4K CWT

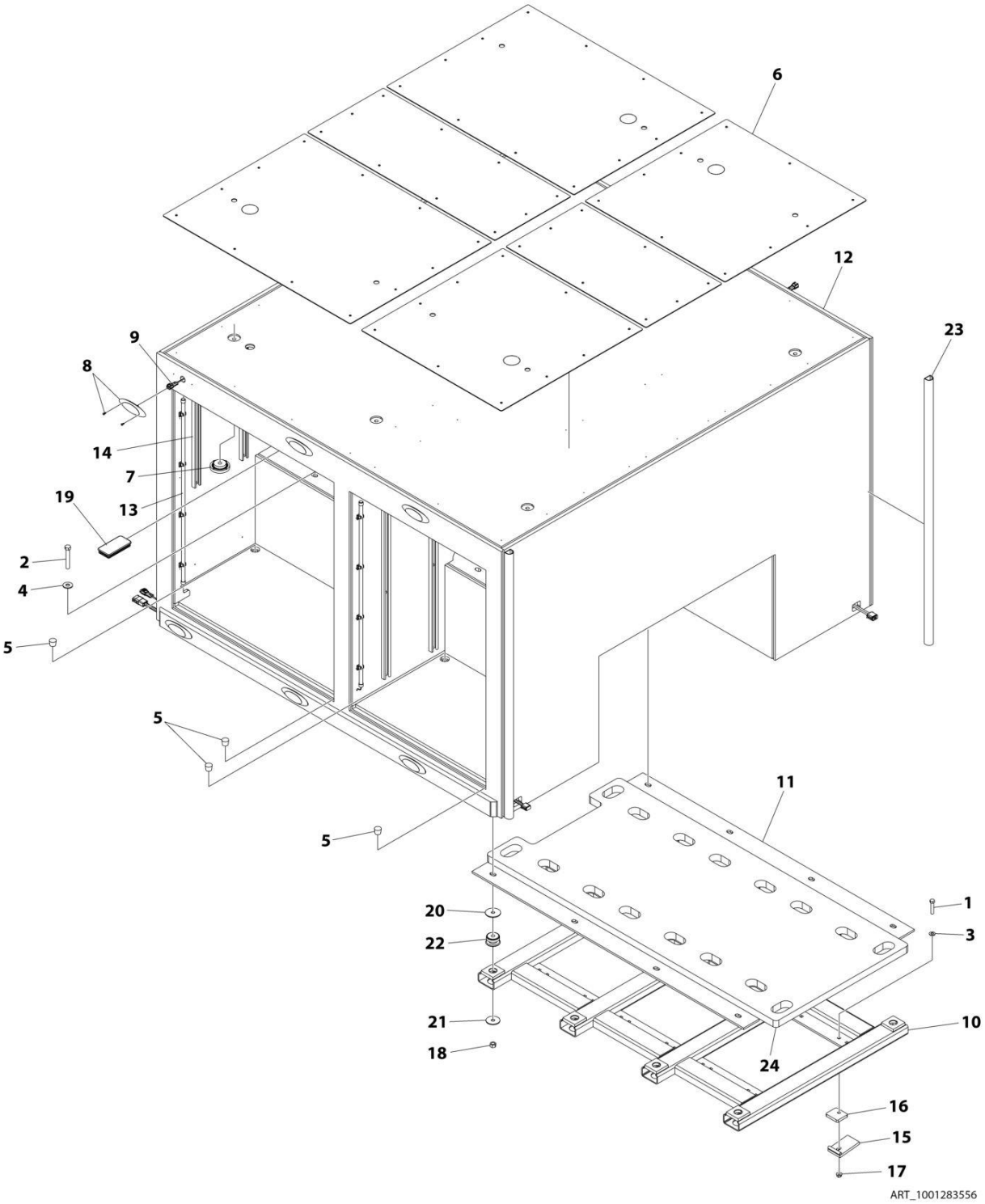


FIGURE 4-103. TUNNEL INSTALLATION - 88IN WITH 1.4K CWT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283556	Ref	TUNNEL INSTALLATION - 88IN WITH 1.4K CWT	A
1	0641820	10	Bolt 5/8 x 4-1/4	
2	0642034	8	Bolt 5/8 x 4-1/4	
3	4711800	10	Washer 1/2	
4	4752000	8	Washer 5/8	
5	1001173847	8	Plug	
6	1001278246	1	Battery Cover Installation (See Separate Breakdown in this Section)	
7	1001270609	1	Lifting Lugs Installation (See Separate Breakdown in this Section)	
8	1001270636	1	Marker Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
9	1001270652	1	Harness Installation - Tunnel (See Separate Breakdown in ELECTRICAL Section)	
10	1001270829	1	Mount	
11	1001270830	2	Support	
12	1001278244	1	Tunnel Toolbox	
13	1001274383	1	Tunnel Compartment Lights Installation (See Separate Breakdown in ELECTRICAL Section)	
14	1001277609	1	T Slots Installation	
14A	1001277611	16	Channel (Not Shown)	
14B	1001277612	12	Channel (Not Shown)	
15	3274000011	10	Clamp Weldment	
16	4705000705	10	Plate	
17	7660182301	10	Nut 1/2	
18	7660200001	8	Nut 5/8	
19	7701000048	1	Plug	
20	7949000019	8	Washer	
21	7949000020	8	Washer	
22	7636000008	8	Mount	
23	8632000011	10 ft	Seal	
24	1001276871	1	Counter Weight Installation	

FIGURE 4-104. WINCH AIR INSTALLATION

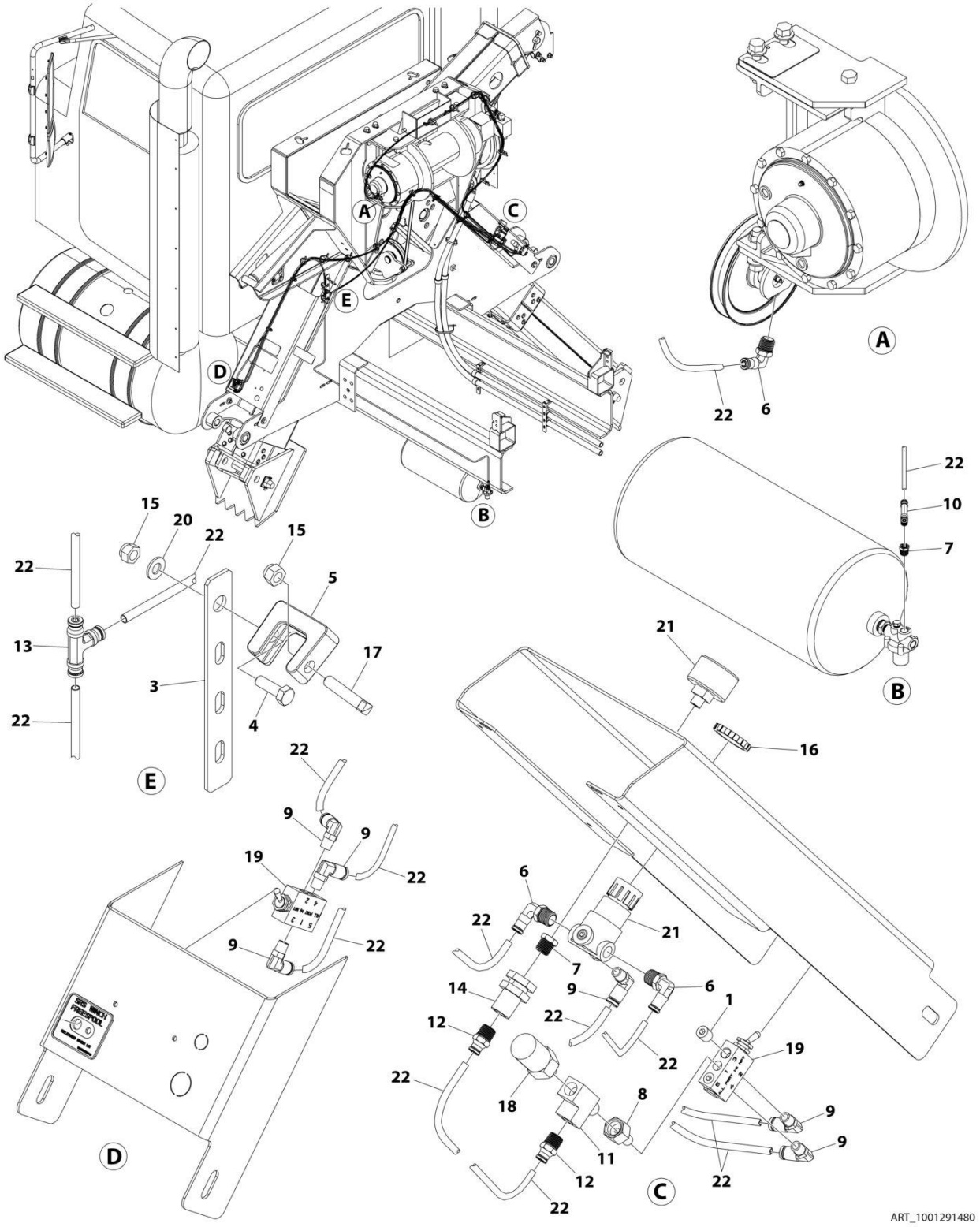


FIGURE 4-104. WINCH AIR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291480	Ref	WINCH AIR INSTALLATION	A
1	2200221	2	Plug	
2	1001146588	6	Tie-Strap (Not Shown)	
3	4706003844	1	Plate	
4	7115150850	1	Capscrew 5/16 x 1	
5	7274000076	1	Clamp	
6	7443000139	3	Fitting, 90	
7	7443000149	2	Bushing	
8	7443000150	1	Adapter	
9	7443000173	6	Fitting, 90	
10	7443000174	1	Fitting, Tee	
11	7443000287	1	Fitting, Tee	
12	7443000329	2	Fitting, Straight	
13	7443000330	1	Fitting, Tee	
14	7443000456	1	Fitting, Straight	
15	7660152601	2	Nut 5/16	
16	7661000041	1	Nut	
17	7785152420	1	Screw 5/16 x 1-1/2	
18	7870000136	1	Switch, Pressure	
19	7935000351	2	Valve, 4-Way	
20	7950150141	1	Washer 5/16	
21	7295000029	1	Air Regulator	
22	7565000016	53 ft	Airline Tubing	
23	7894000004	15	Tie-Strap (Not Shown)	

SECTION 5 - CONTROLS

SECTION 5 - CONTROLS

FIGURE 5-1. IN-CAB CONTROLS INSTALLATION - FLOOR MOUNTED WITHOUT UNDERLIFT

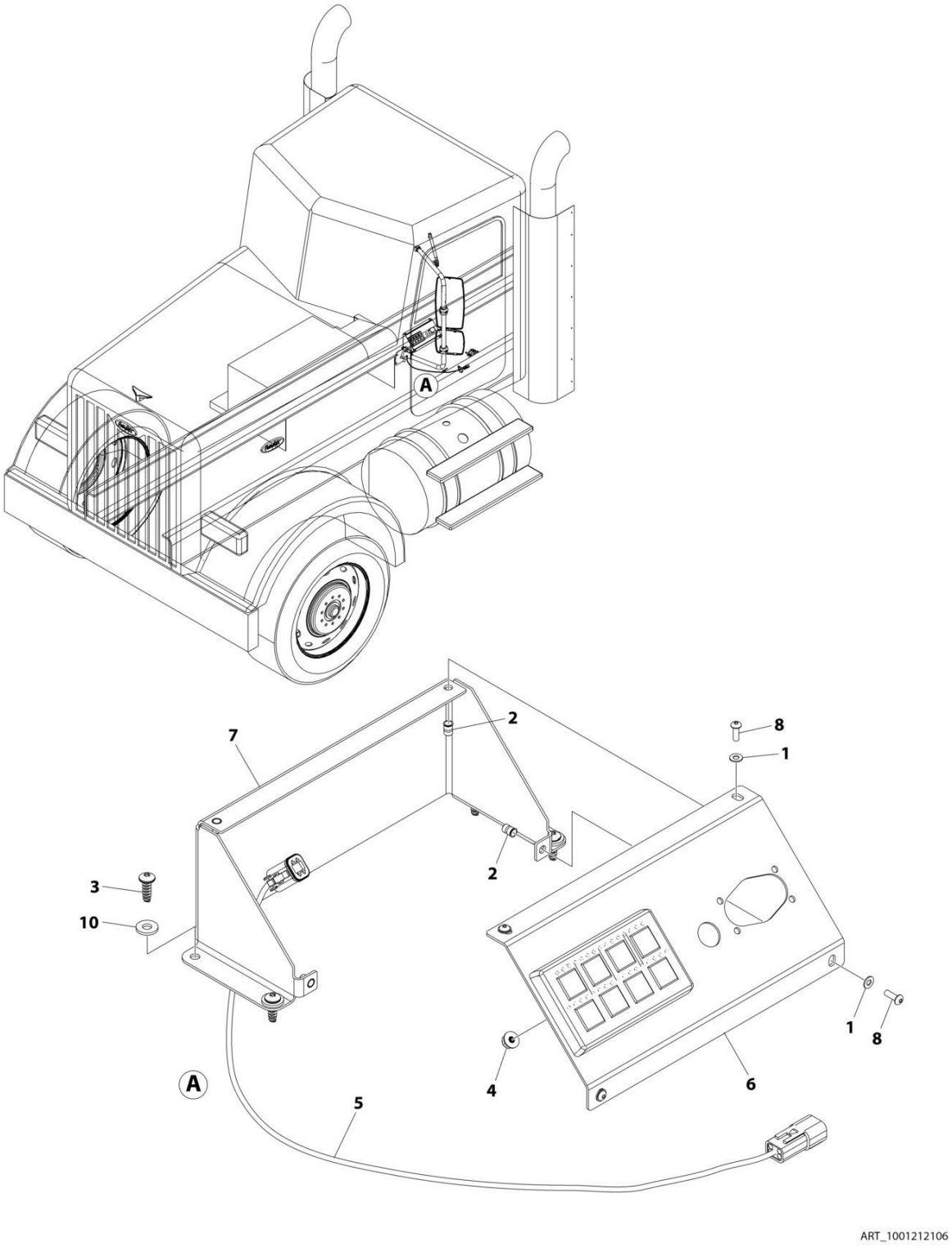


FIGURE 5-1. IN-CAB CONTROLS INSTALLATION - FLOOR MOUNTED WITHOUT UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212106	Ref	CONTROLS (IN-CAB) INSTALLATION (FLOOR MOUNTED)	A
1	1001097942	4	Washer #8	
2	1001151546	4	Nut #8	
3	1001194676	4	Screw 1/4 x 3/4	
4	1001209616	2	Nut #10	
5	1001215421	1	Multiplex In-Cab Control Harness (See Separate Breakdown in ELECTRICAL Section)	
6	1001216233	1	Panel	
7	1001216239	1	Panel	
8	7114080418	4	Screw #8 x 1/2	
9	7894000004	6	Tie-Strap (Not Shown)	
10	7950140143	4	Washer 1/4	

FIGURE 5-2. IN-CAB CONTROLS INSTALLATION - FLOOR MOUNTED WITH UNDERLIFT

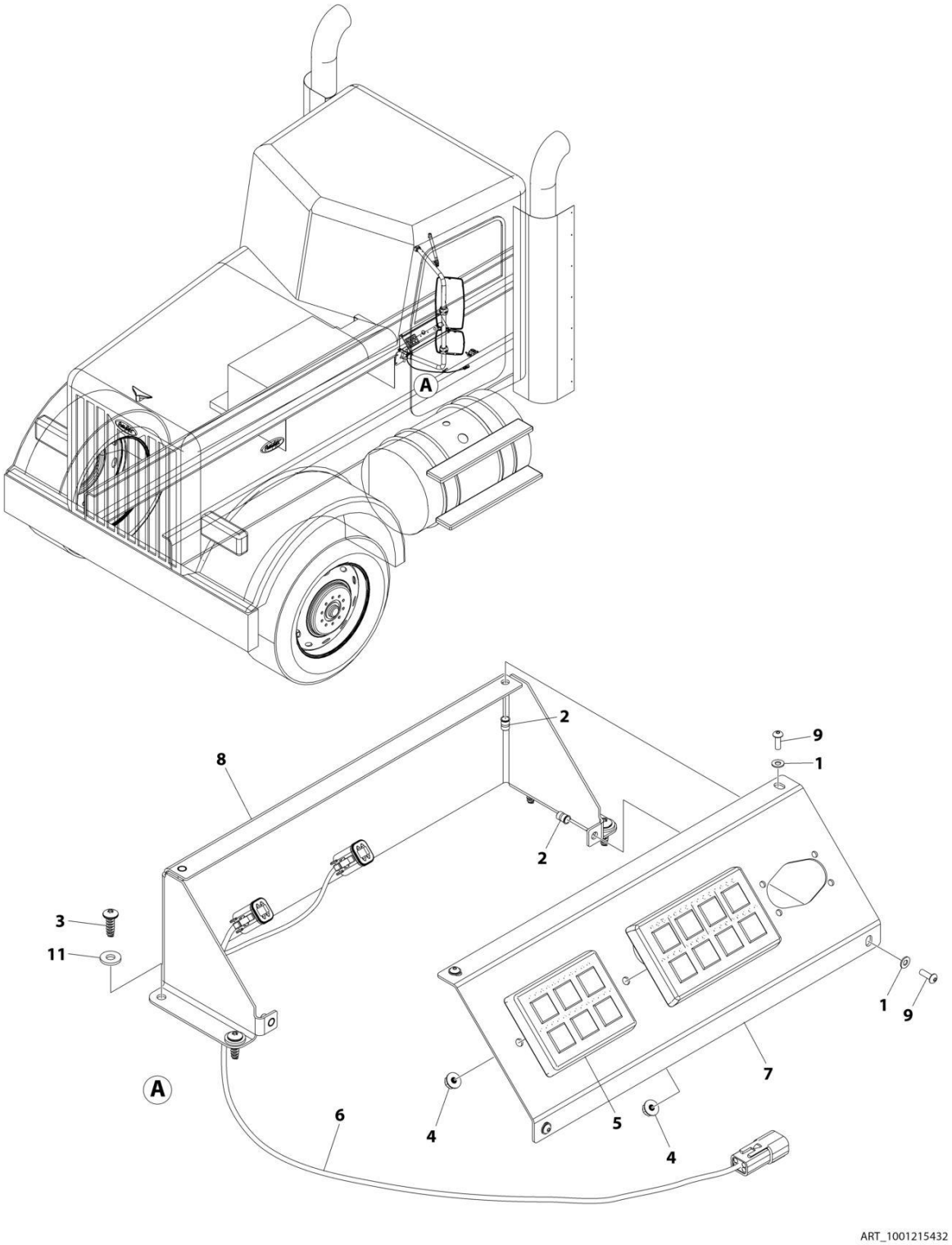


FIGURE 5-2. IN-CAB CONTROLS INSTALLATION - FLOOR MOUNTED WITH UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215432	Ref	CONTROLS (IN-CAB) INSTALLATION (FLOOR MOUNTED WITH UNDERLIFT)	B
1	1001097942	4	Washer #8	
2	1001151546	4	Nut #8	
3	1001194676	4	Screw 1/4 x 3/4	
4	1001209616	4	Nut #10	
5	1001288016	1	Keypad, Underlift	
6	1001215421	1	Multiplex In-Cab Control Harness (See Separate Breakdown in ELECTRICAL Section)	
7	1001216315	1	Panel	
8	1001216316	1	Panel	
9	7114080418	4	Screw #8 x 1/2	
10	7894000004	6	Tie-Strap (Not Shown)	
11	7950140143	4	Washer 1/4	

FIGURE 5-3. IN-CAB CONTROLS INSTALLATION - KENWORTH T440 & T800 & W9 WITHOUT UNDERLIFT

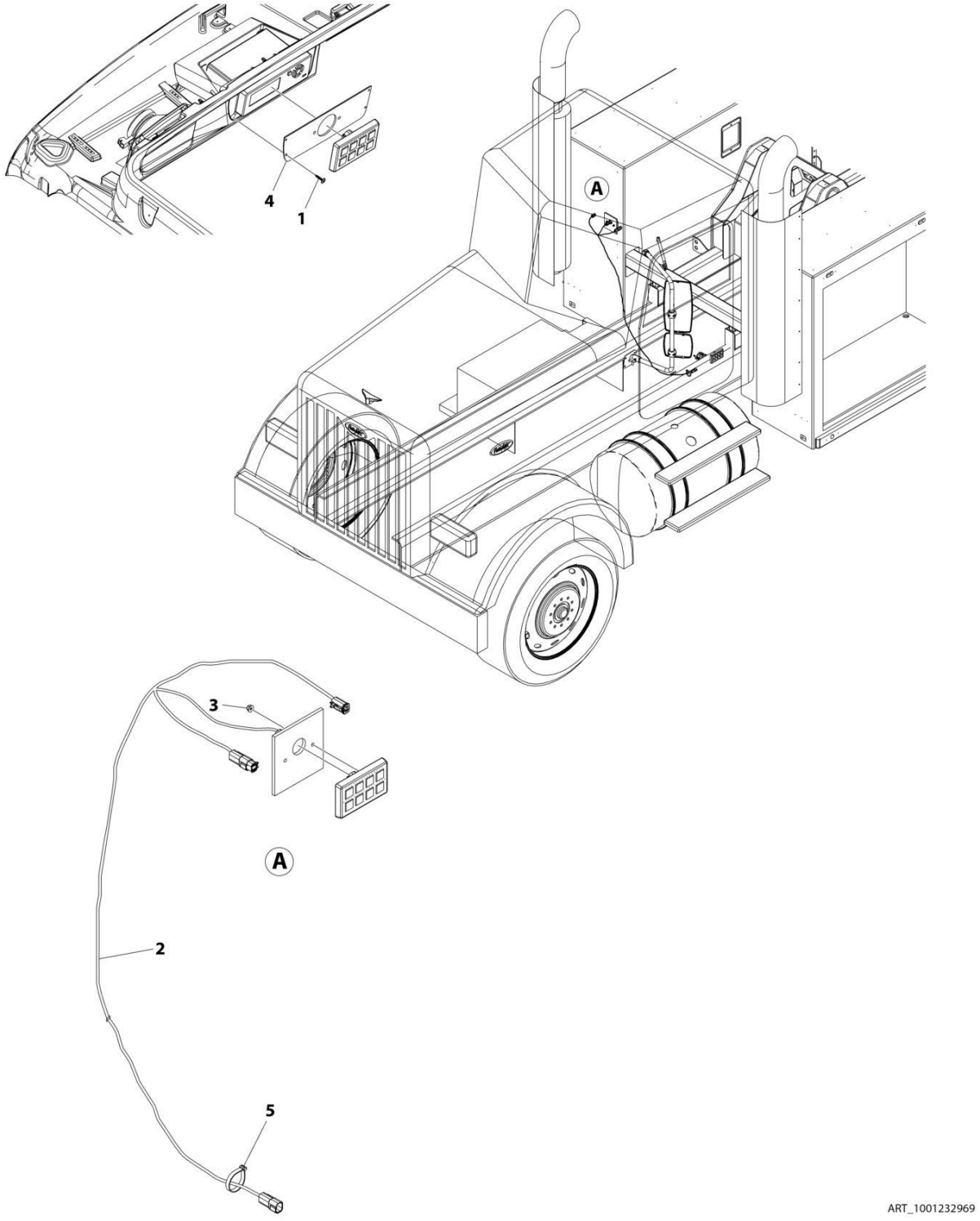


FIGURE 5-3. IN-CAB CONTROLS INSTALLATION - KENWORTH T440 & T800 & W9 WITHOUT UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232969	Ref	SWITCH PANEL KW T800, W9, T440, SINGLE LIGHTING INSTALLATION	B
1	1001232209	4	Screw #8	
2	1001208976	1	Harness (See Separate Breakdown in ELECTRICAL Section)	
3	1001209616	2	Nut #10	
4	1001232957	1	Support, Switch Panel	
5	7894000004	7	Tie Strap	

FIGURE 5-4. IN-CAB CONTROLS INSTALLATION - KENWORTH T440 & T800 & W9 WITH UNDERLIFT

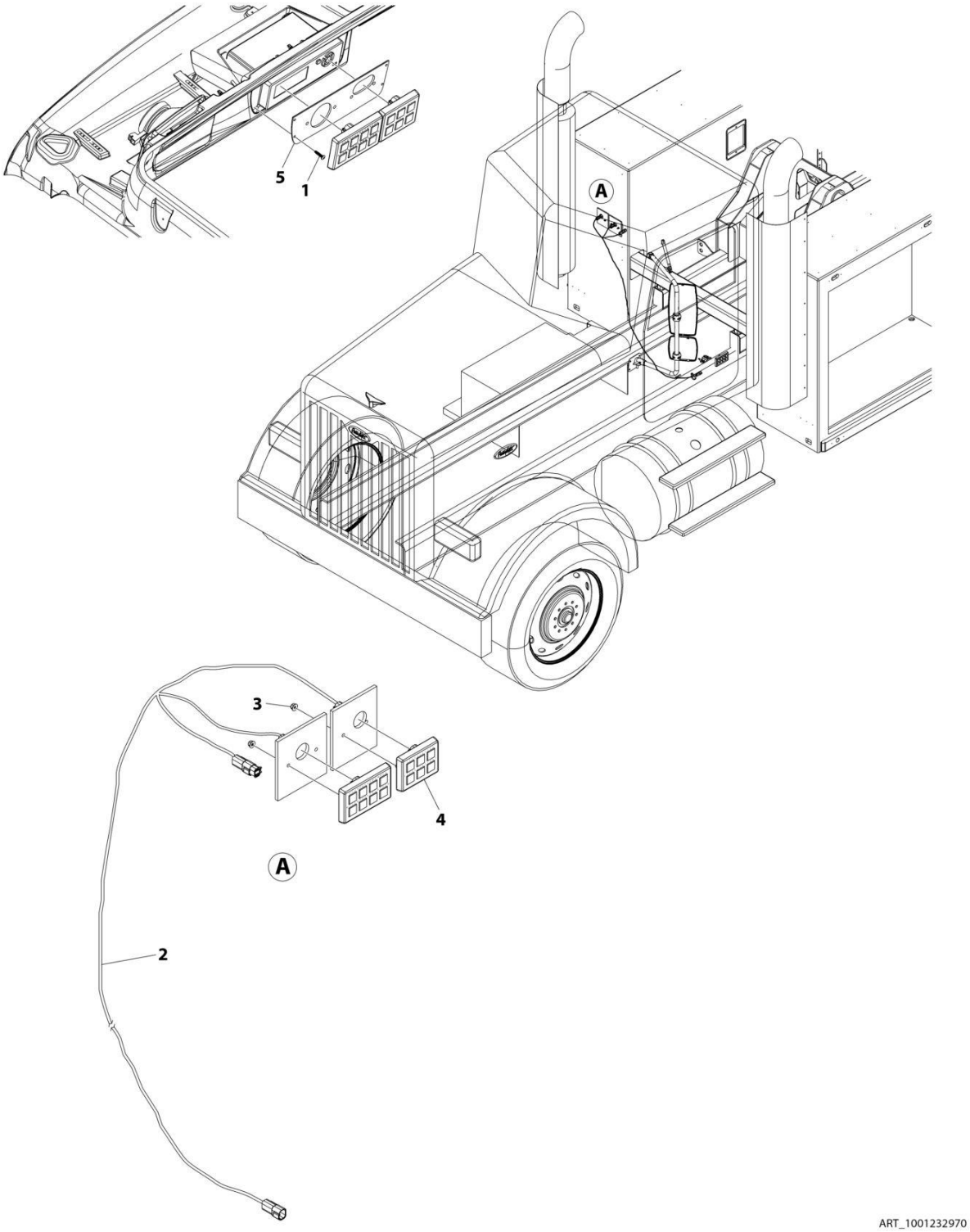


FIGURE 5-4. IN-CAB CONTROLS INSTALLATION - KENWORTH T440 & T800 & W9 WITH UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232970	Ref	CONTROLS (IN-CAB) INSTALLATION (CONSOLE MOUNTED)	B
1	1001196552	4	Screw #8 x 3/4	
2	1001208976	1	Multiplex In-Cab Control Harness (See Separate Breakdown in ELECTRICAL Section)	
3	1001209616	4	Nut #10	
4	1001288016	1	Keypad, Underlift	
5	1001232958	1	Support	
6	7894000004	7	Tie-Strap (Not Shown)	

FIGURE 5-5. IN-CAB CONTROLS INSTALLATION - KENWORTH T880 WITHOUT UNDERLIFT

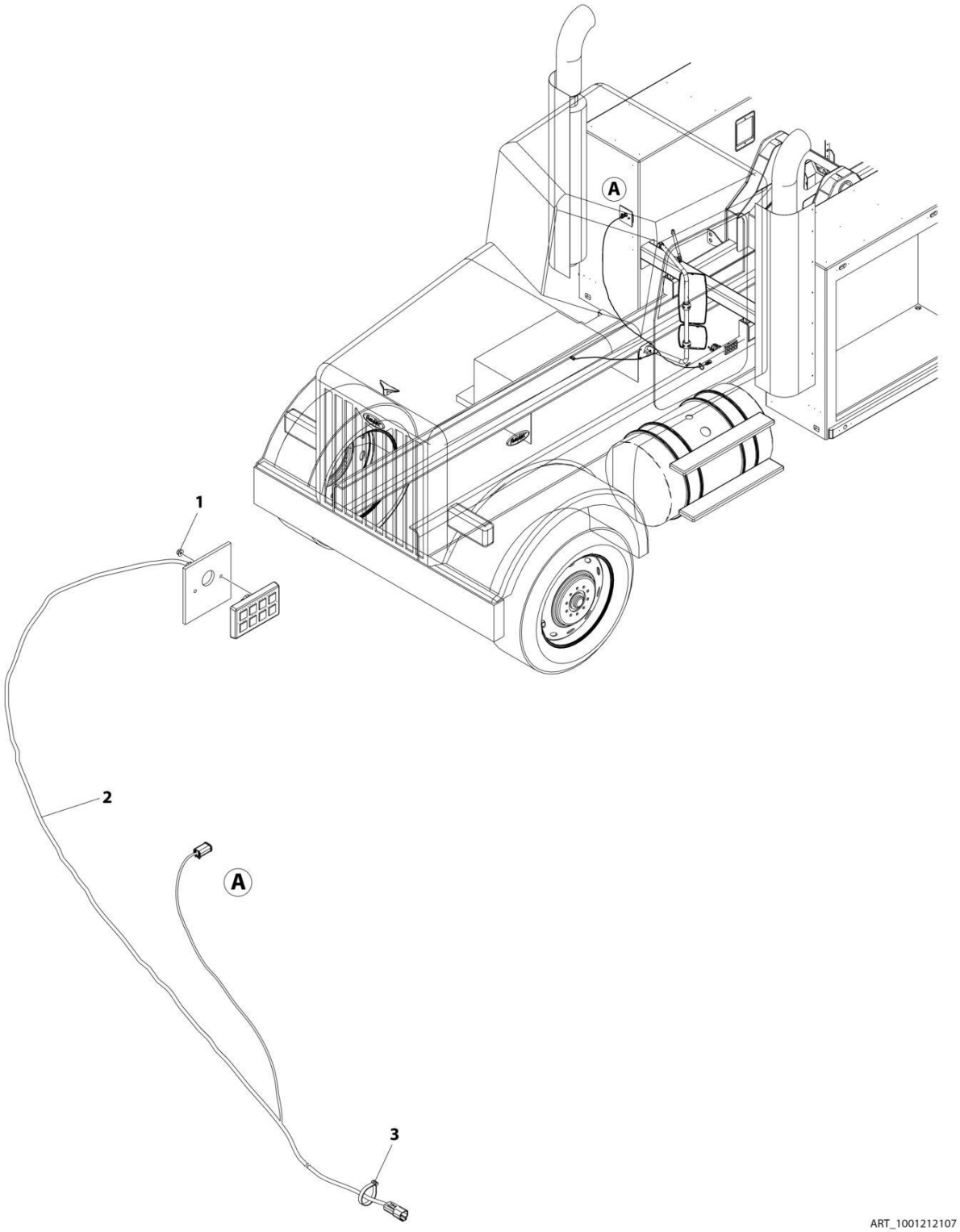


FIGURE 5-5. IN-CAB CONTROLS INSTALLATION - KENWORTH T880 WITHOUT UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212107	Ref	Switch Panel KW T880 Lighting Installation	B
1	1001209616	2	Nut #10	
2	1001215436	1	Harness (See Separate Breakdown in ELECTRICAL Section)	
3	7894000004	5	Tie Strap	

FIGURE 5-6. IN-CAB CONTROLS INSTALLATION - KENWORTH T880 WITH UNDERLIFT

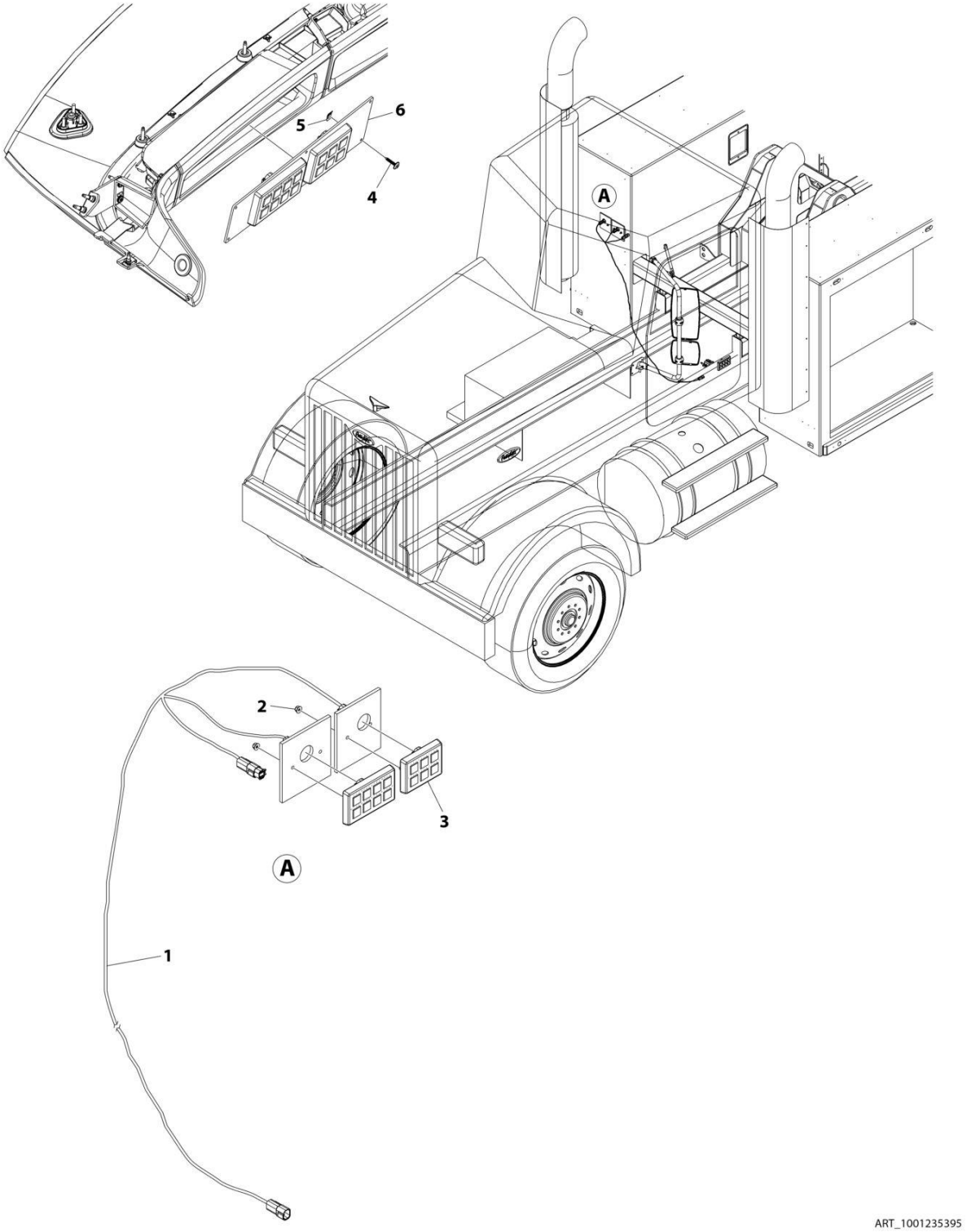


FIGURE 5-6. IN-CAB CONTROLS INSTALLATION - KENWORTH T880 WITH UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235395	Ref	CONTROLS (IN-CAB) INSTALLATION (CONSOLE MOUNTED)	B
1	1001208976	1	Multiplex In-Cab Control Harness (See Separate Breakdown in ELECTRICAL Section)	
2	1001209616	4	Nut #10	
3	1001288016	1	Keypad, Underlift	
4	1001232209	6	Screw #8	
5	1001232211	6	Nut #8	
6	1001235394	1	Support	
7	7894000004	7	Tie-Strap (Not Shown)	

FIGURE 5-7. IN-CAB CONTROLS INSTALLATION - PETERBILT 389 LOW ROOF WITHOUT UNDERLIFT

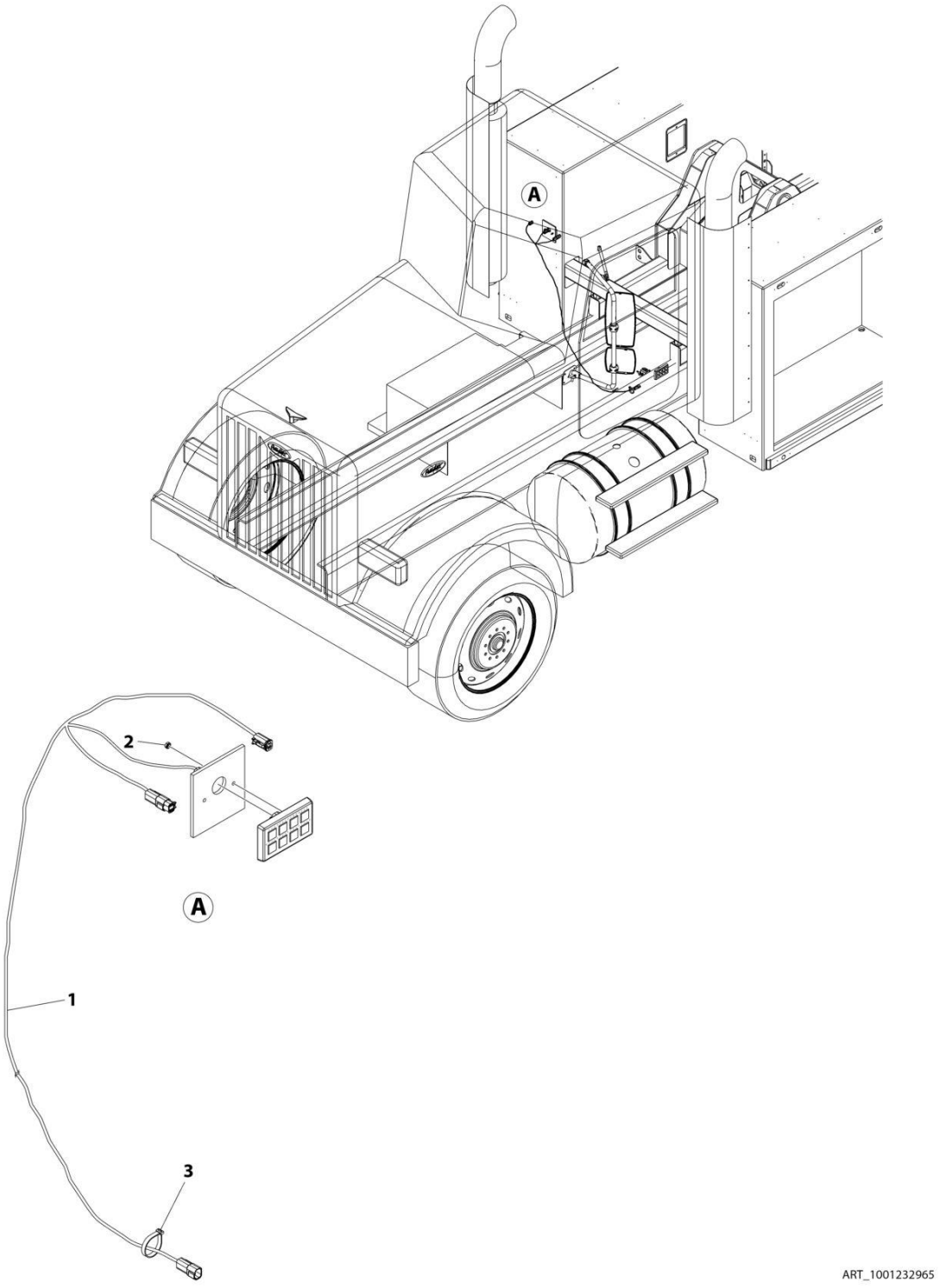


FIGURE 5-7. IN-CAB CONTROLS INSTALLATION - PETERBILT 389 LOW ROOF WITHOUT UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232965	Ref	Switch Panel Pete 389 Low Single Lighting Installation	A
1	1001208976	1	Harness (See Separatae Breakdown in ELECTRICAL Section)	
2	7661000023	2	Nut #10	
3	7894000004	7	Tie Strap	

FIGURE 5-8. IN-CAB CONTROLS INSTALLATION - PETERBILT 389 LOW ROOF WITH UNDERLIFT

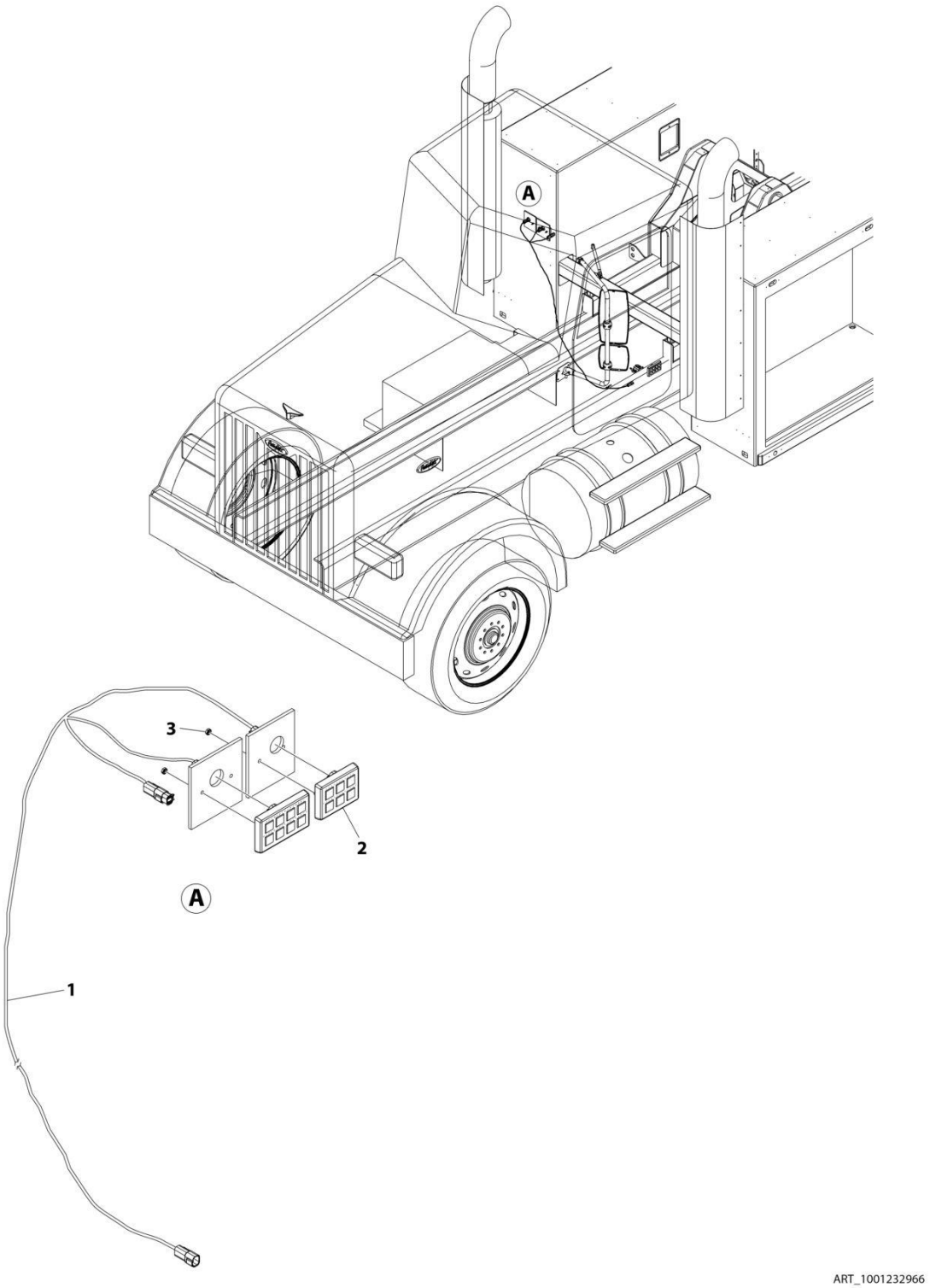


FIGURE 5-8. IN-CAB CONTROLS INSTALLATION - PETERBILT 389 LOW ROOF WITH UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232966	Ref	CONTROLS (IN-CAB) INSTALLATION (CONSOLE MOUNTED)	B
1	1001208976	1	Multiplex In-Cab Control Harness (See Separate Breakdown in ELECTRICAL Section)	
2	1001288016	1	Keypad, Underlift	
3	7661000023	4	Nut #10	
4	7894000004	7	Tie-Strap (Not Shown)	

FIGURE 5-9. IN-CAB CONTROLS INSTALLATION - PETERBILT 389 HIGH ROOF WITHOUT UNDERLIFT

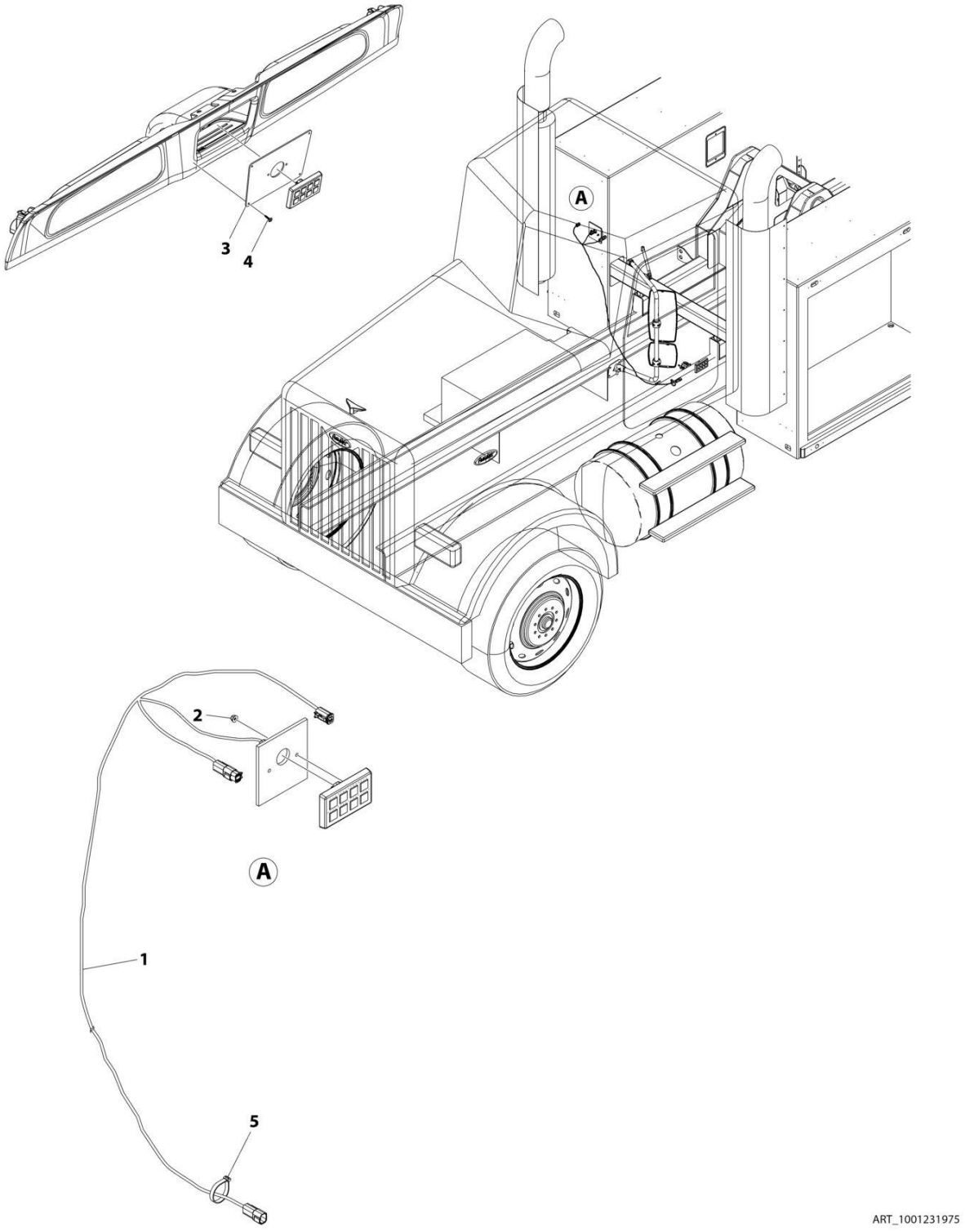


FIGURE 5-9. IN-CAB CONTROLS INSTALLATION - PETERBILT 389 HIGH ROOF WITHOUT UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231975	Ref	Switch Panel Pete 389 High Single Lighting Installation	A
1	1001208976	1	Harness (See Separate Breakdown in ELECTRICAL Section)	
2	1001209616	2	Nut #10	
3	1001231974	1	Support, Switch Panel	
4	1001232209	4	Screw #8	
5	7894000004	7	Tie Strap	

FIGURE 5-10. IN-CAB CONTROLS INSTALLATION - PETERBILT 389 HIGH ROOF WITH UNDERLIFT

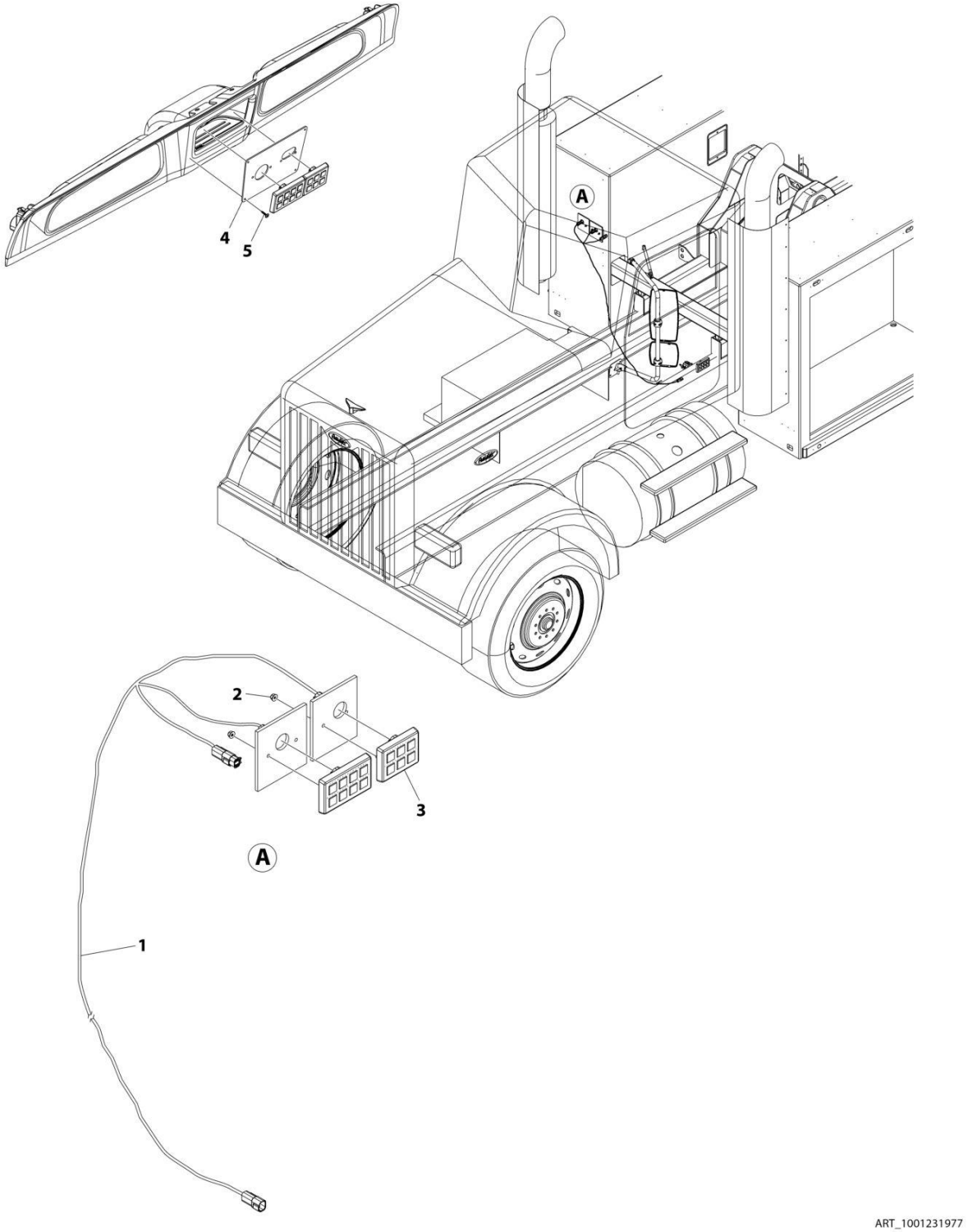


FIGURE 5-10. IN-CAB CONTROLS INSTALLATION - PETERBILT 389 HIGH ROOF WITH UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231977	Ref	CONTROLS (IN-CAB) INSTALLATION (CONSOLE MOUNTED)	B
1	1001208976	1	Multiplex In-Cab Control Harness (See Separate Breakdown in ELECTRICAL Section)	
2	1001209616	4	Nut #10	
3	1001288016	1	Keypad, Underlift	
4	1001231976	1	Support	
5	1001232209	4	Screw #8	
6	7894000004	7	Tie-Strap (Not Shown)	

FIGURE 5-11. IN-CAB CONTROLS INSTALLATION - PETERBILT 567 WITHOUT UNDERLIFT

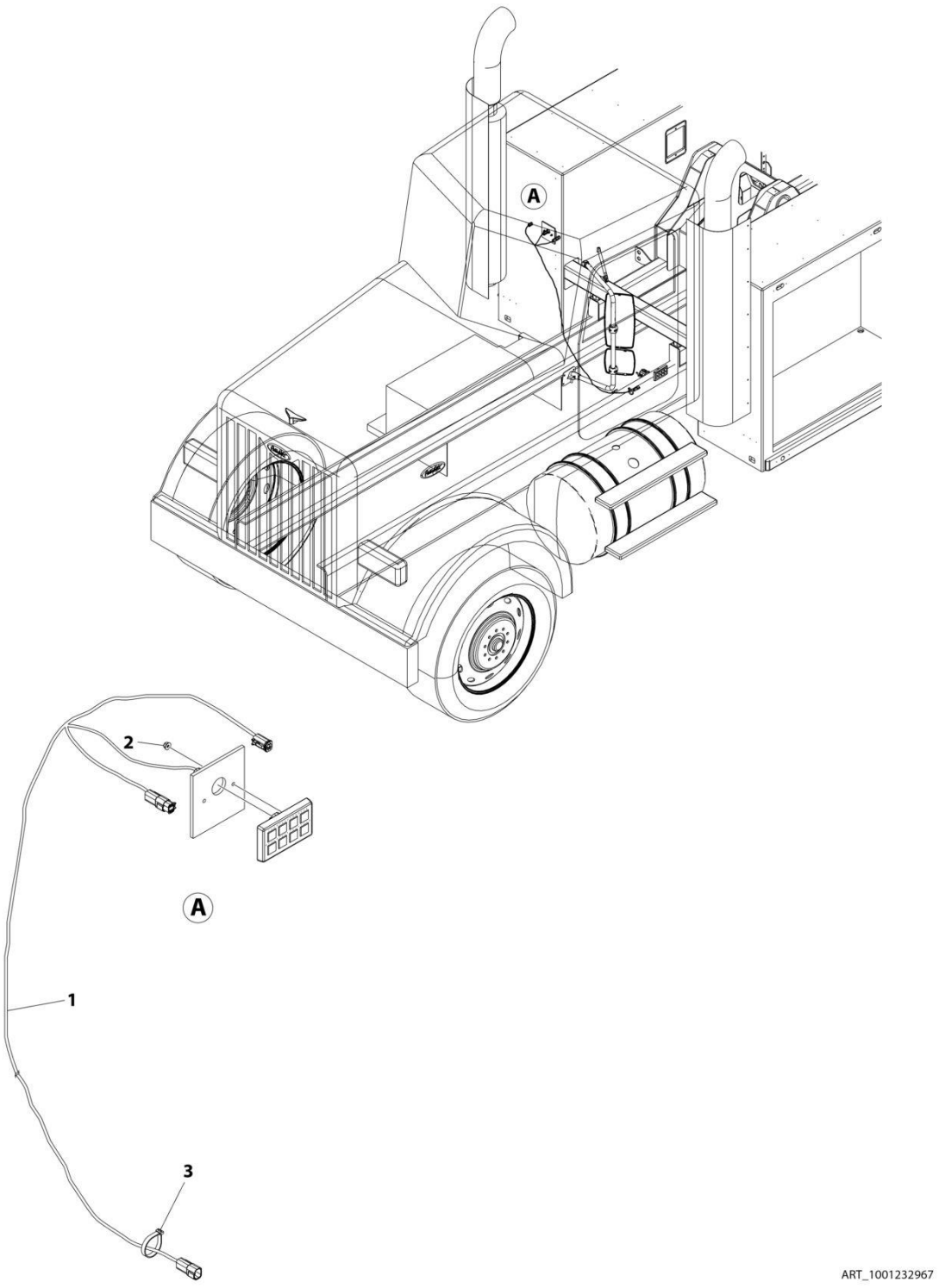


FIGURE 5-11. IN-CAB CONTROLS INSTALLATION - PETERBILT 567 WITHOUT UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232967	Ref	Switch Panel PETE 567 Lighting Installation	A
1	1001208976	1	Harness (See Separate Breakdown in ELECTRICAL Section)	
2	1001209616	2	Nut #10	
3	7894000004	7	Tie Strap	

FIGURE 5-12. IN-CAB CONTROLS INSTALLATION - PETERBILT 567 WITH UNDERLIFT

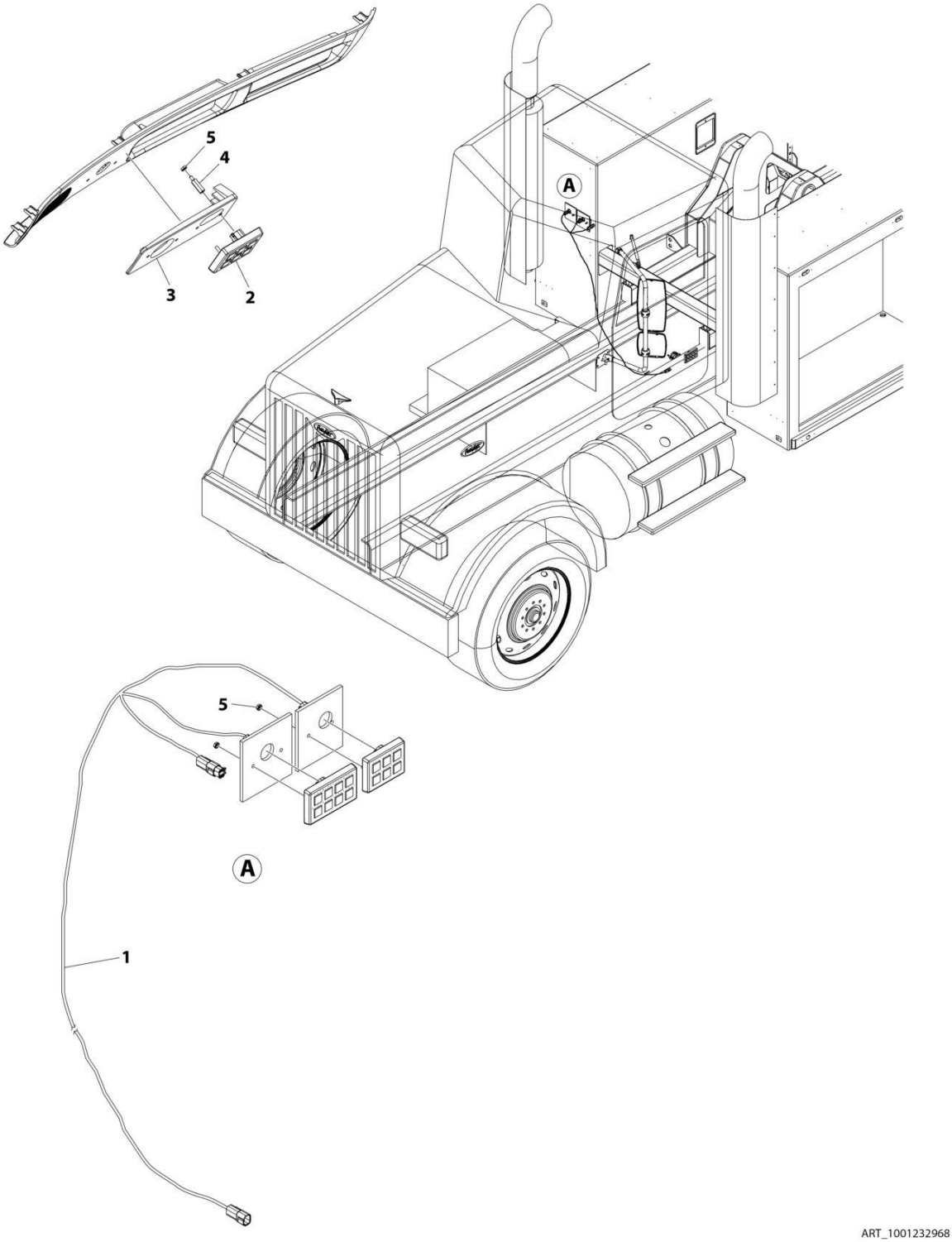


FIGURE 5-12. IN-CAB CONTROLS INSTALLATION - PETERBILT 567 WITH UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232968	Ref	CONTROLS (IN-CAB) INSTALLATION (CONSOLE MOUNTED)	B
1	1001208976	1	Multiplex In-Cab Control Harness (See Separate Breakdown in ELECTRICAL Section)	
2	1001288016	1	Keypad, Underlift	
3	1001232956	1	Support	
4	1001234537	1	Stud	
5	7661000023	4	Nut #10	
6	7894000004	7	Tie-Strap (Not Shown)	

FIGURE 5-13. CONTROLS INSTALLATION - 10 SECTION/10 SOLENOID

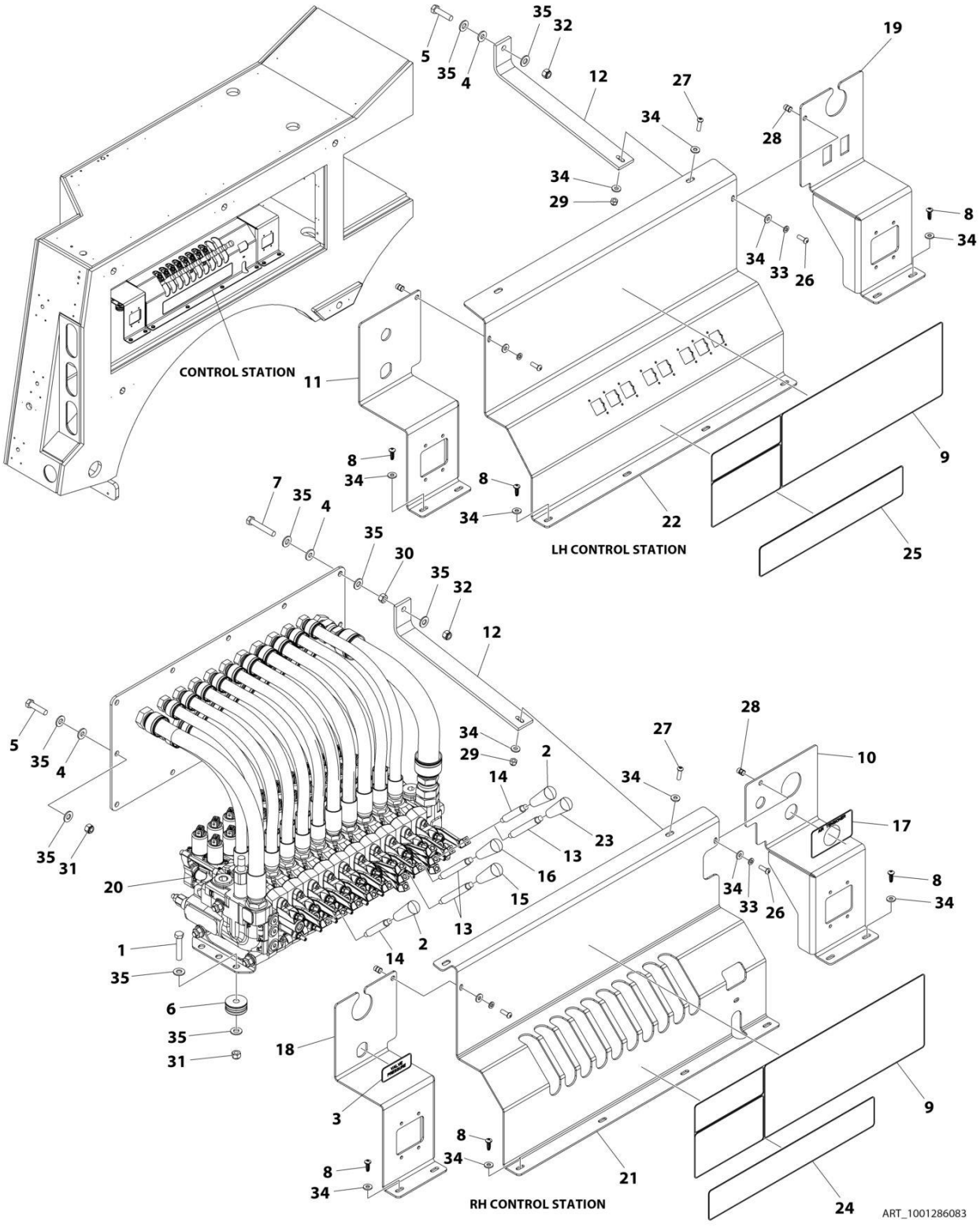


FIGURE 5-13. CONTROLS INSTALLATION - 10 SECTION/10 SOLENOID

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286083	Ref	CONTROLS INSTALLATION - 10 SECTION/10 SOLENOID	A
1	0641620	4	Bolt 3/8 x 2-1/2	
2	1001130491	7	Knob, Control	
3	1001131032	1	Decal	
4	1001166974	14	Washer 3/8	
5	1001168993	12	Bolt 3/8 x 1-1/2	
6	1001169054	4	Isolator	
7	1001169083	2	Bolt 3/8 x 2	
8	1001194676	16	Screw 1/4 x 3/4	
9	1001196911	2	Decal	
10	1001249931	1	Panel, Controls Front RH	
11	1001288672	1	Panel, Controls Front LH	
12	1001249982	4	Bar, Controls Top	
13	1001250915	3	Rod, Long	
14	1001250916	7	Rod, Short	
15	1001254767	1	Handle Knob	
16	1001254768	1	Handle Knob	
17	1001257300	1	Decal	
18	1001285977	1	Panel, Controls Rear RH	
19	1001285979	1	Panel, Controls Rear LH	
20	1001286047	1	Valve Sub-Assembly (See Separate Breakdown in HYDRAULIC Section)	
21	1001286085	1	Panel, Controls 10 Sect RH	
22	1001286086	1	Panel, Controls 10 Sect LH	
23	1001286087	1	Handle Knob	
24	1001286123	1	Decal	
25	1001286124	1	Decal	
26	7114140618	4	Capscrew 1/4 x 3/4	
27	7114140818	4	Capscrew 1/4 x 1	
28	7413000002	4	Nut 1/4	
29	7660142601	4	Nut 1/4	
30	7660160000	2	Nut 3/8	
31	7660162601	16	Nut 3/8	
32	7661000021	2	Nut 3/8	
33	7950140003	4	Washer 1/4	
34	7950140143	28	Washer 1/4	
35	7950160143	38	Washer 3/8	

FIGURE 5-14. CONTROL VALVE ASSEMBLY - 10 SECTION

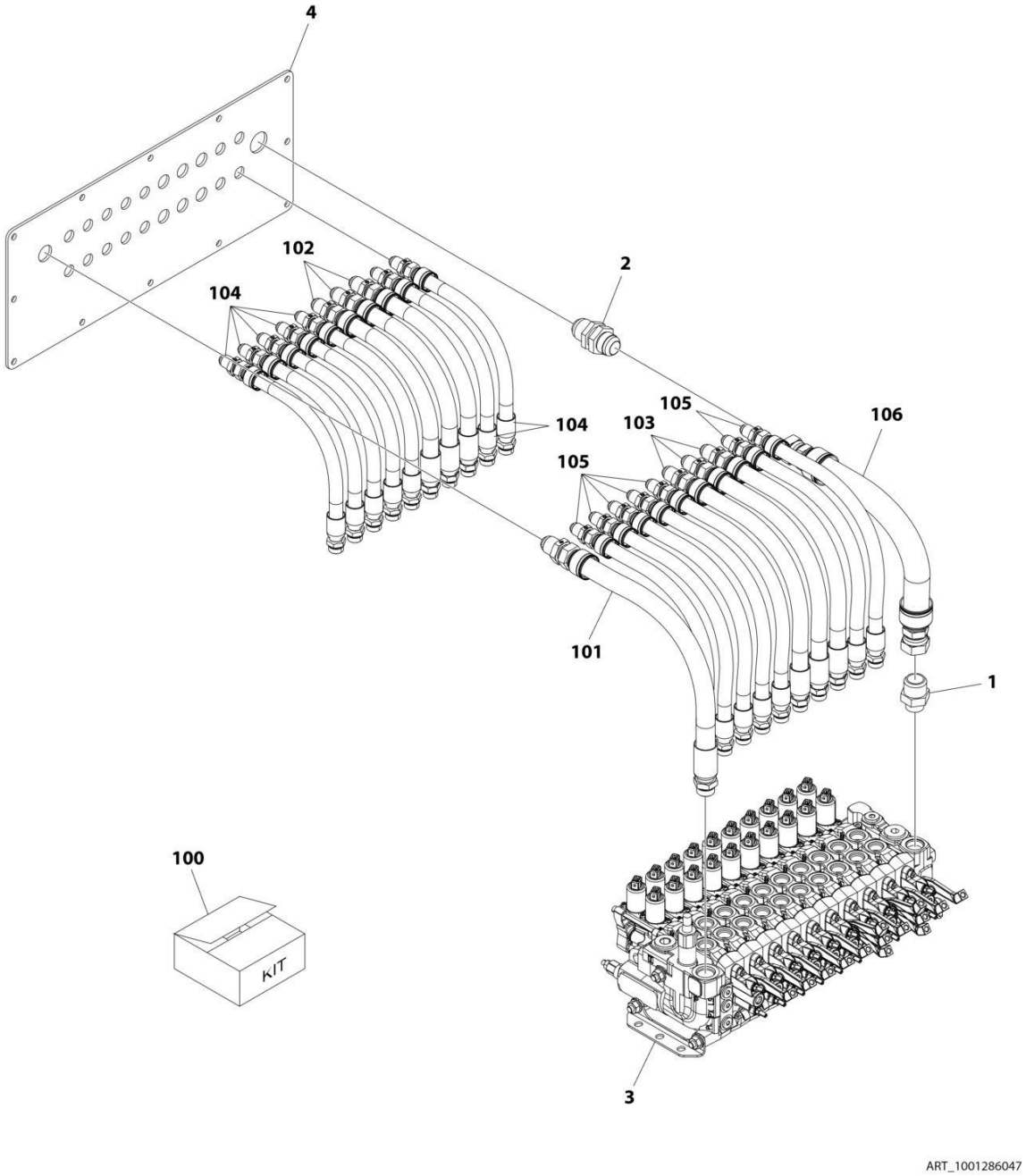


FIGURE 5-14. CONTROL VALVE ASSEMBLY - 10 SECTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286047	Ref	CONTROL VALVE ASSEMBLY - 10 SECTION	A
1	2220376	1	Fitting, Straight JIC/ORB	
2	2230089	1	Fitting	
3	1001279464	1	Control Valve (See Separate Breakdown in HYDRAULIC Section)	
4	1001286048	1	Plate	
100	1001286049	1	Hose, Kit Valve	A
101	1001249346	1	Hose	
102	1001249347	3	Hose	
103	1001249348	3	Hose	
104	1001249349	7	Hose	
105	1001249350	7	Hose	
106	1001262039	1	Hose	

FIGURE 5-15. REMOTE CONTROL INSTALLATION (16 FUNCTION PROP 10 SECTION)

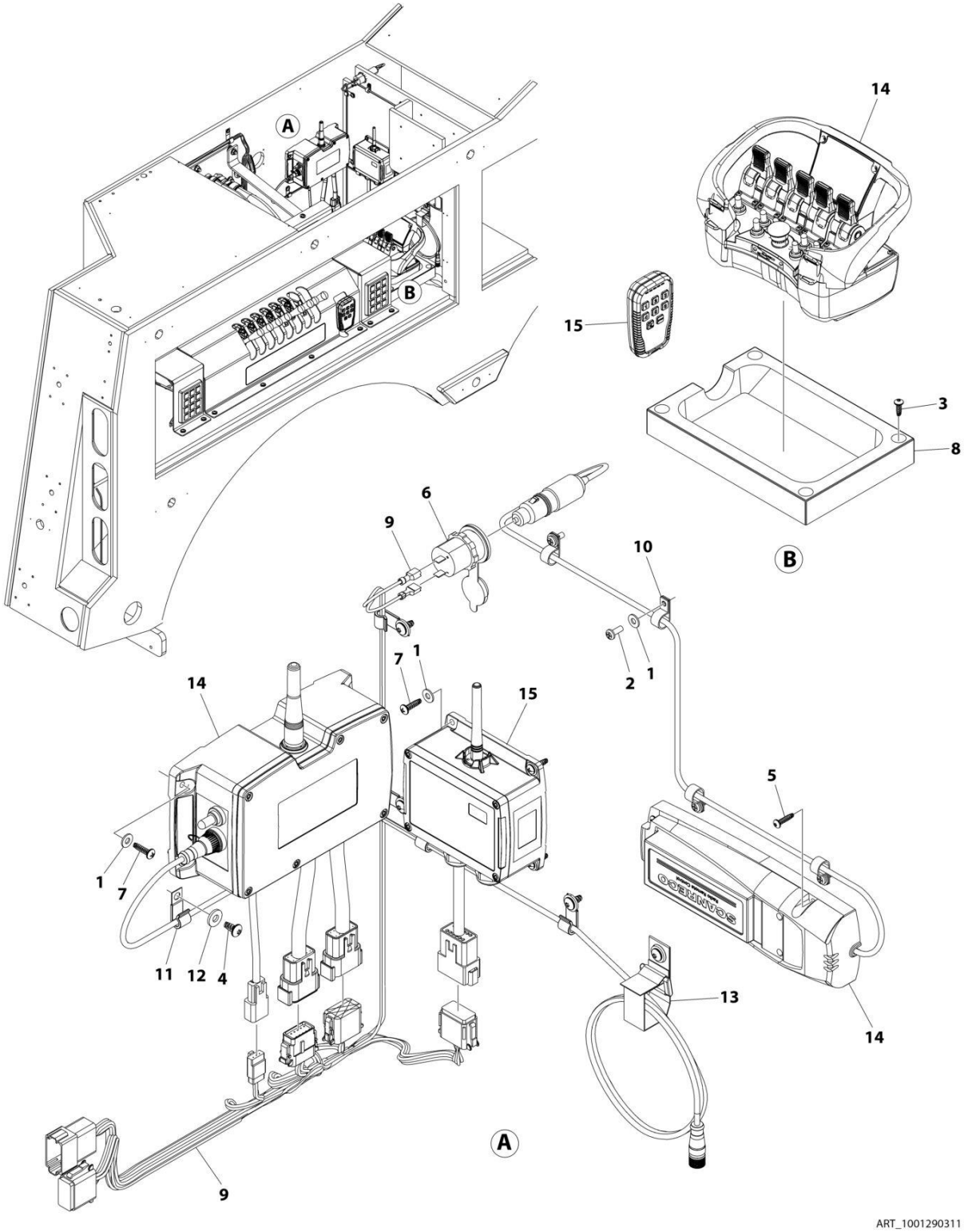


FIGURE 5-15. REMOTE CONTROL INSTALLATION (16 FUNCTION PROP 10 SECTION)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290311	Ref	WIRELESS REMOTE 16 FUNCTION PROP 10 SECTION	B
1	4711000	12	Washer #10	
2	1001172004	4	Screw	
3	1001194676	4	Screw 1/4 x 3/4	
4	1001195257	7	Screw 1/4 x 1/2	
5	1001196552	4	Screw #8 x 3/4	
6	1001201384	1	Socket	
7	1001230068	8	Screw #10 x 3/4	
8	1001235386	1	Tray	
9	1001288964	1	Remote 16 Function Prop Harness (See Separate Breakdown in ELECTRICAL Section)	
10	7274000036	4	Clamp	
11	7280000018	6	Clip	
12	7950140143	7	Washer 1/4	
13	1001167286	1	Tie Strap	
14	1001234563	1	Remote Control Assembly (See Separate Breakdown in this Section)	
15	1001283315	1	Remote Control Assembly	

FIGURE 5-16. REMOTE CONTROL ASSEMBLY - WIRELESS (5 PADDLE) (SN 0230006135 to Present)

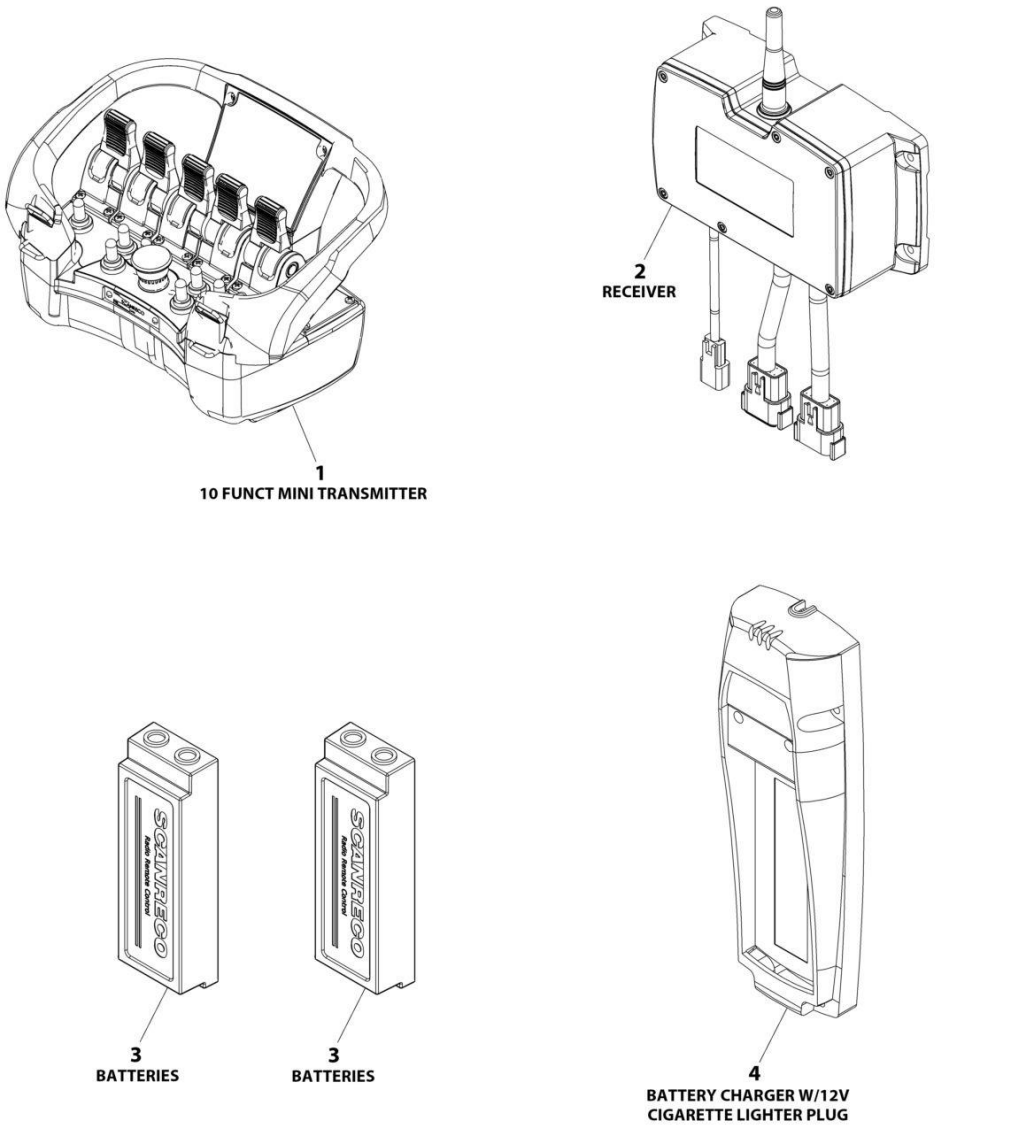


FIGURE 5-16. REMOTE CONTROL ASSEMBLY - WIRELESS (5 PADDLE) (SN 0230006135 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234563	Ref	REMOTE CONTROL ASSEMBLY	C
1	1001234724	1	Transmitter Assembly	
2	1001226504	1	Receiver Assembly	
3	1001232868	2	Battery	
4	1001226798	1	Charger, Battery	
5	1001230715	1	Cable, Control (Not Shown)	
6	1001232869	1	Strap, Transmitter (Not Shown)	

FIGURE 5-17. REMOTE CONTROL HOLDER INSTALLATION

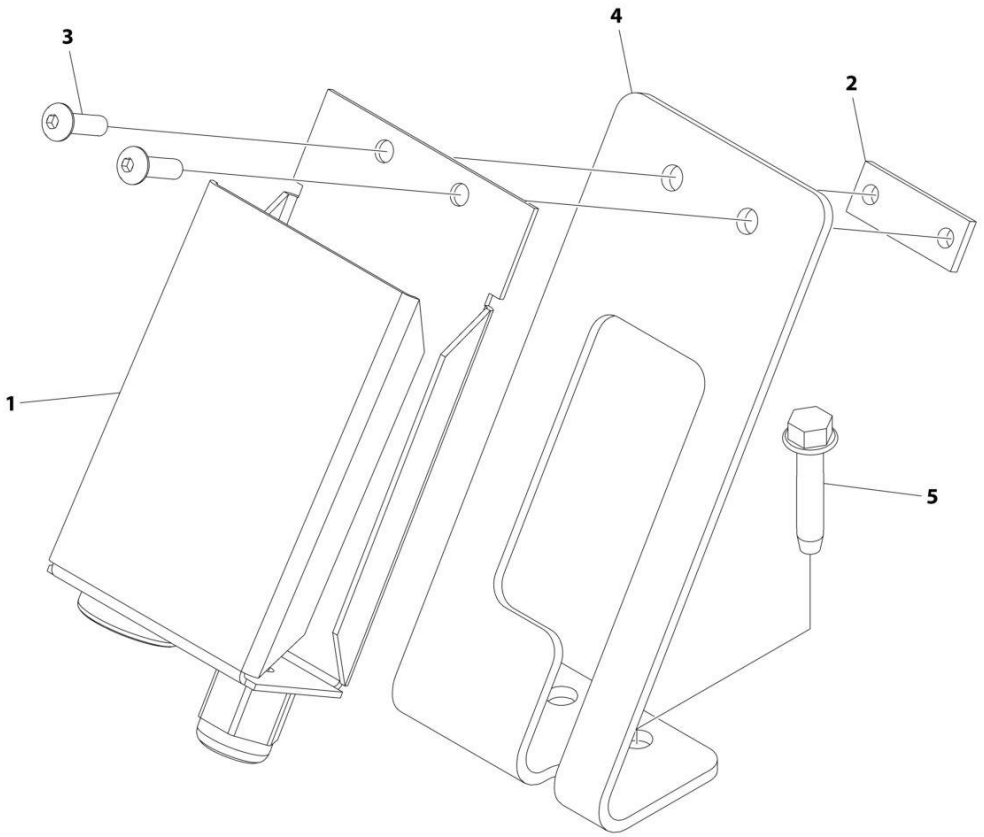


FIGURE 5-17. REMOTE CONTROL HOLDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2002000031	Ref	Remote Control Transmitter Holder	D
1	7002000521	1	Holder, Box	
2	7661000056	1	Nut #10	
3	7114100518	2	Screw #10 x 5/8	
4	1001230127	1	Mount	
5	7790142051	2	Screw 1/4 x 1-1/4	

SECTION 6 - HYDRAULIC

FIGURE 6-1. AIR INSTALLATION - DRAG

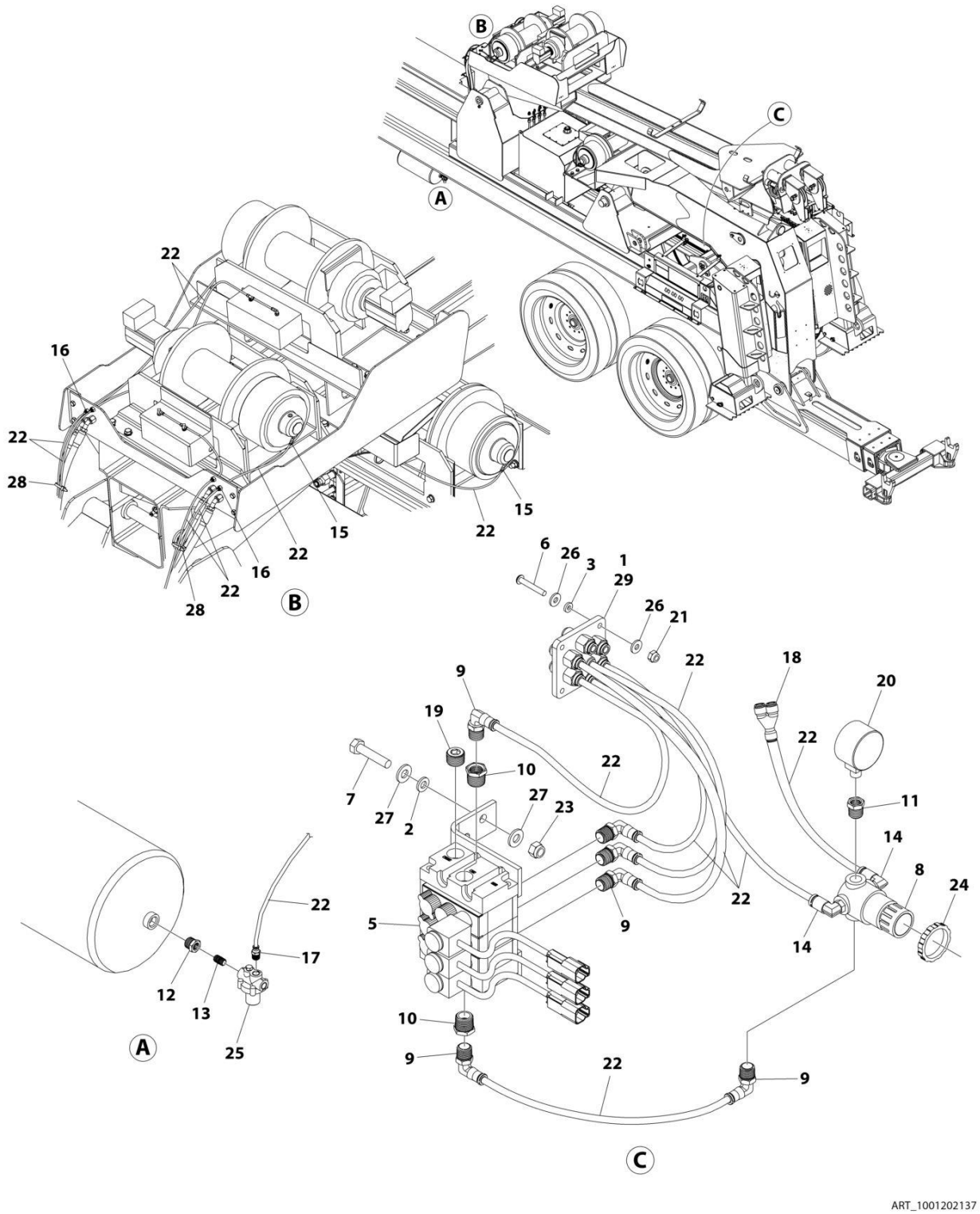


FIGURE 6-1. AIR INSTALLATION - DRAG

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202137	Ref	AIR INSTALLATION - DRAG LINE	E
1	1001297064	1	Bulkhead	
2	1001197482	4	Washer 5/16	
3	1001207736	4	Washer #10	
5	1001202056	1	Air Valve Assembly (See Separate Breakdown in this Section)	
6	7114101018	4	Screw #10 x 1-1/4	
7	7115151250	4	Capscrew 5/16 x 1-1/2	
8	7295000029	1	Air Regulator	
9	7443000139	6	Fitting	
10	7443000148	2	Fitting, Straight	
11	7443000149	1	Fitting, Straight	
12	7443000154	1	Fitting, Straight	
13	7443000156	1	Fitting, Straight	
14	7443000173	2	Fitting, 90	
15	7443000176	3	Fitting	
16	7443000178	4	Fitting, Straight	
17	7443000329	1	Fitting	
18	7443000448	1	Fitting	
19	7444030037	1	Plug	
20	7470000006	1	Air Pressure Gauge	
21	7660102601	4	Nut #10	
22	7565000016	134 ft	Airline Tubing	
23	7660152601	4	Nut 5/16	
24	7661000041	1	Nut	
25	7935000120	1	Valve	
26	7950100143	8	Washer 3/16	
27	7950150143	8	Washer 5/16	
28	7894000004	AR	Tie Strap	
29	8798820001	AR	Sealant	

FIGURE 6-2. GAUGES INSTALLATION - HYDRAULIC (DRIVERS SIDE)

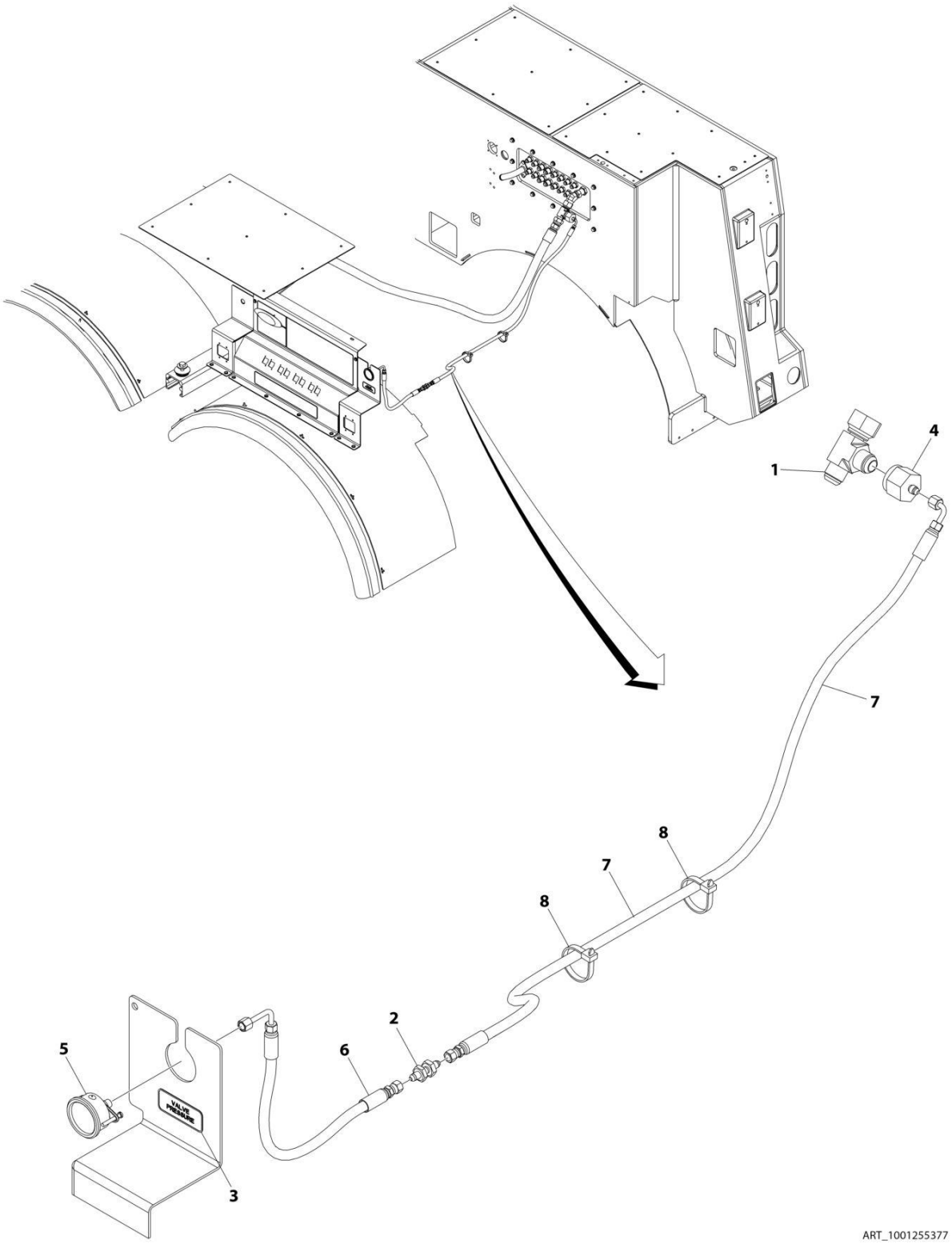


FIGURE 6-2. GAUGES INSTALLATION - HYDRAULIC (DRIVERS SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255377	Ref	DRIVER SIDE GAUGES INSTALLATION	A
1	2220642	1	Fitting, Tee	
2	2230021	1	Adapter, Straight	
3	1001131032	1	Decal	
4	1001252618	1	Adapter, Straight	
5	7470000023	1	Gauge	
6	1001219790	1	Hose	
7	1001228167	1	Hose	
8	5526000553	6	Tie-Strap	

FIGURE 6-3. HYDRAULIC LINES AND FITTINGS (WITH WINCH)

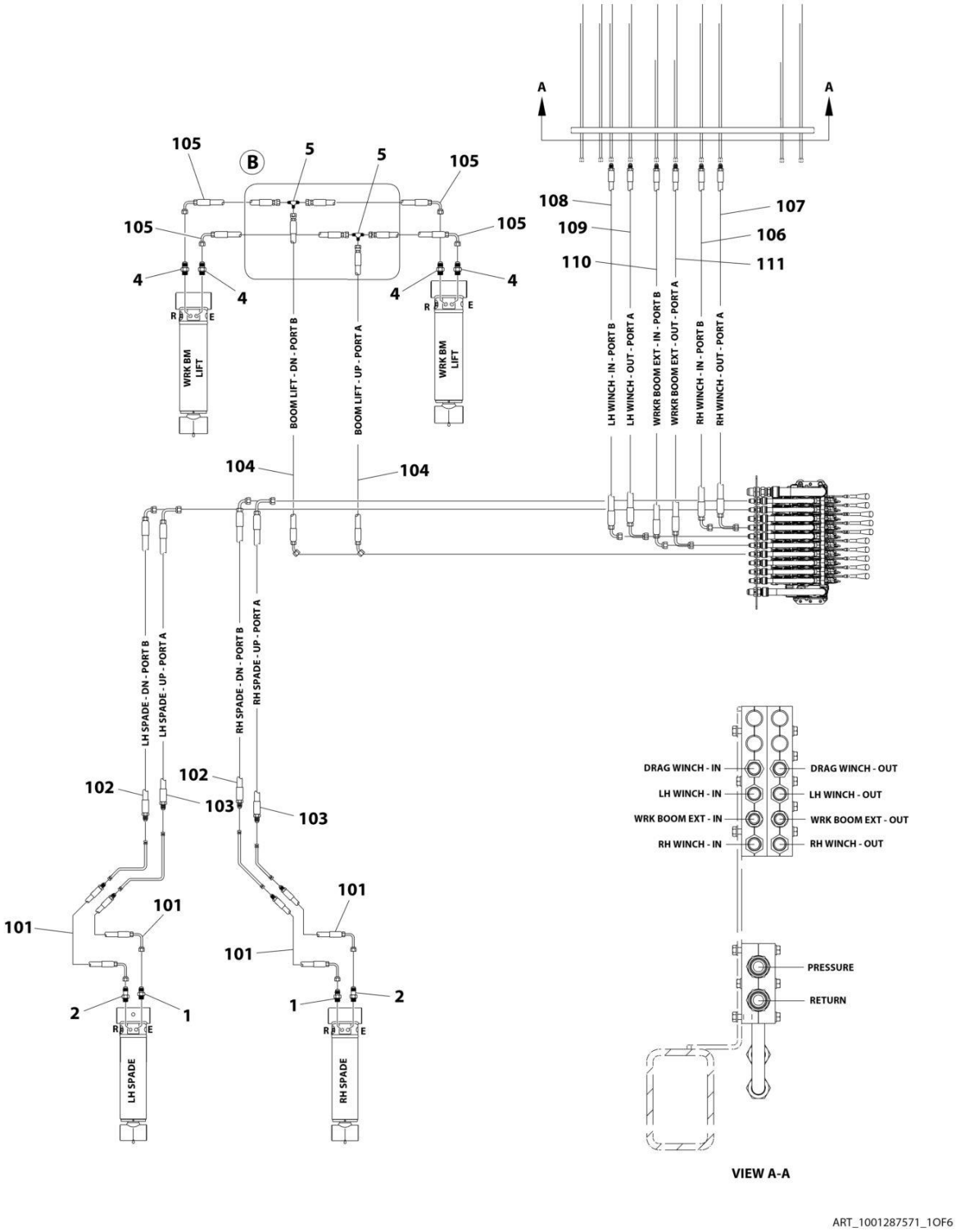


FIGURE 6-4. HYDRAULIC LINES AND FITTINGS (WITH WINCH)

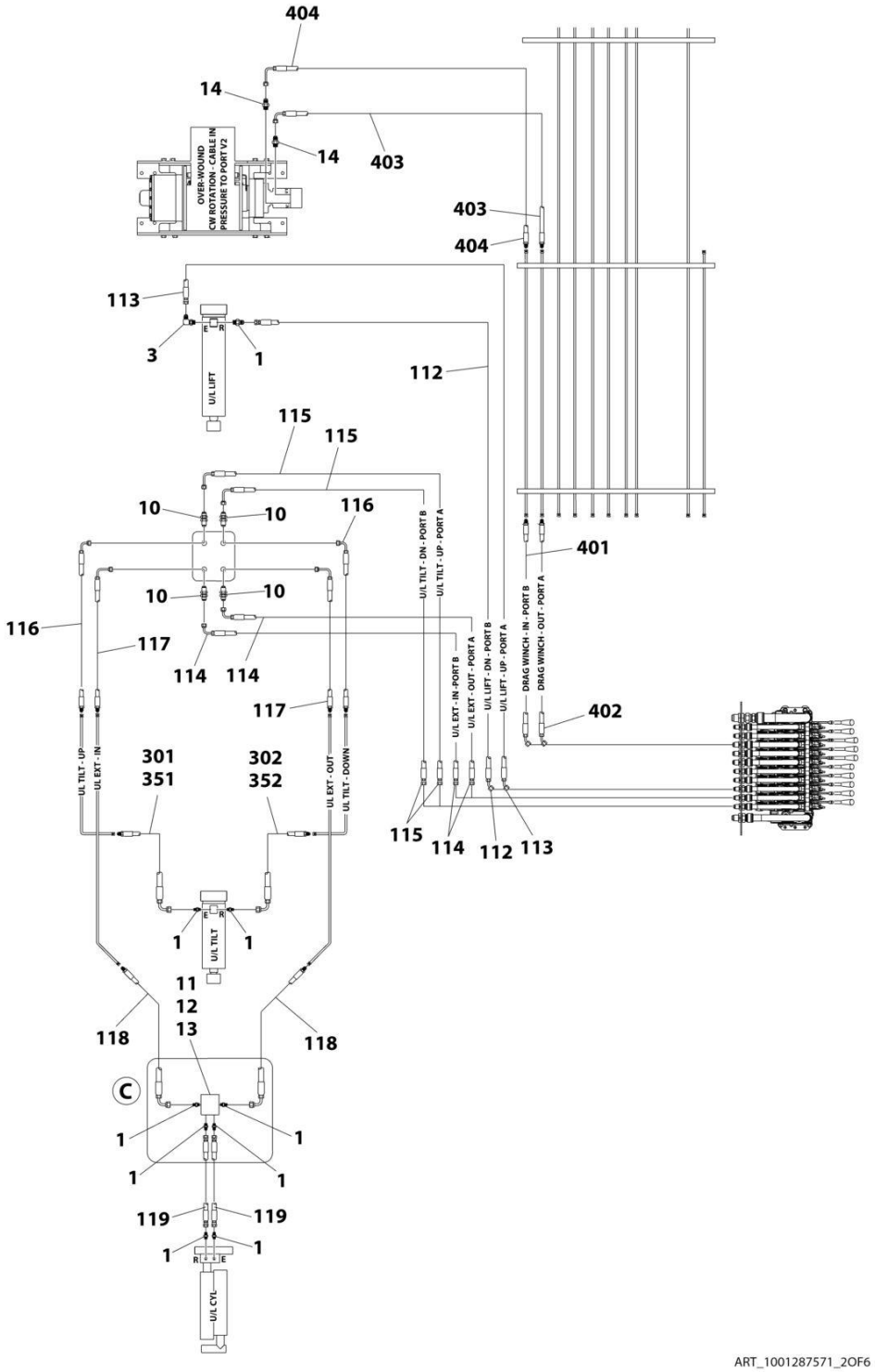


FIGURE 6-5. HYDRAULIC LINES AND FITTINGS (WITH WINCH)

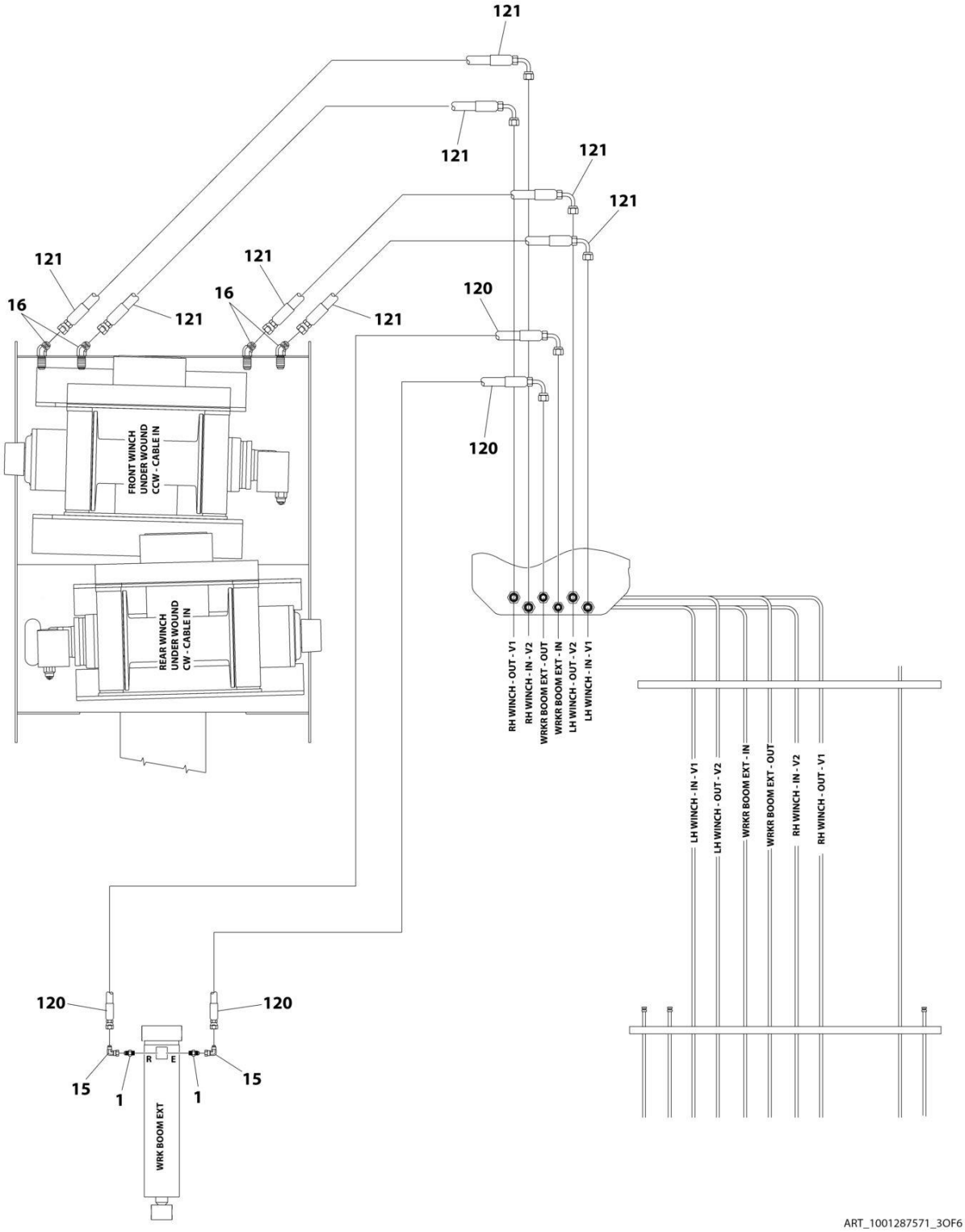


FIGURE 6-6. HYDRAULIC LINES AND FITTINGS (WITH WINCH)

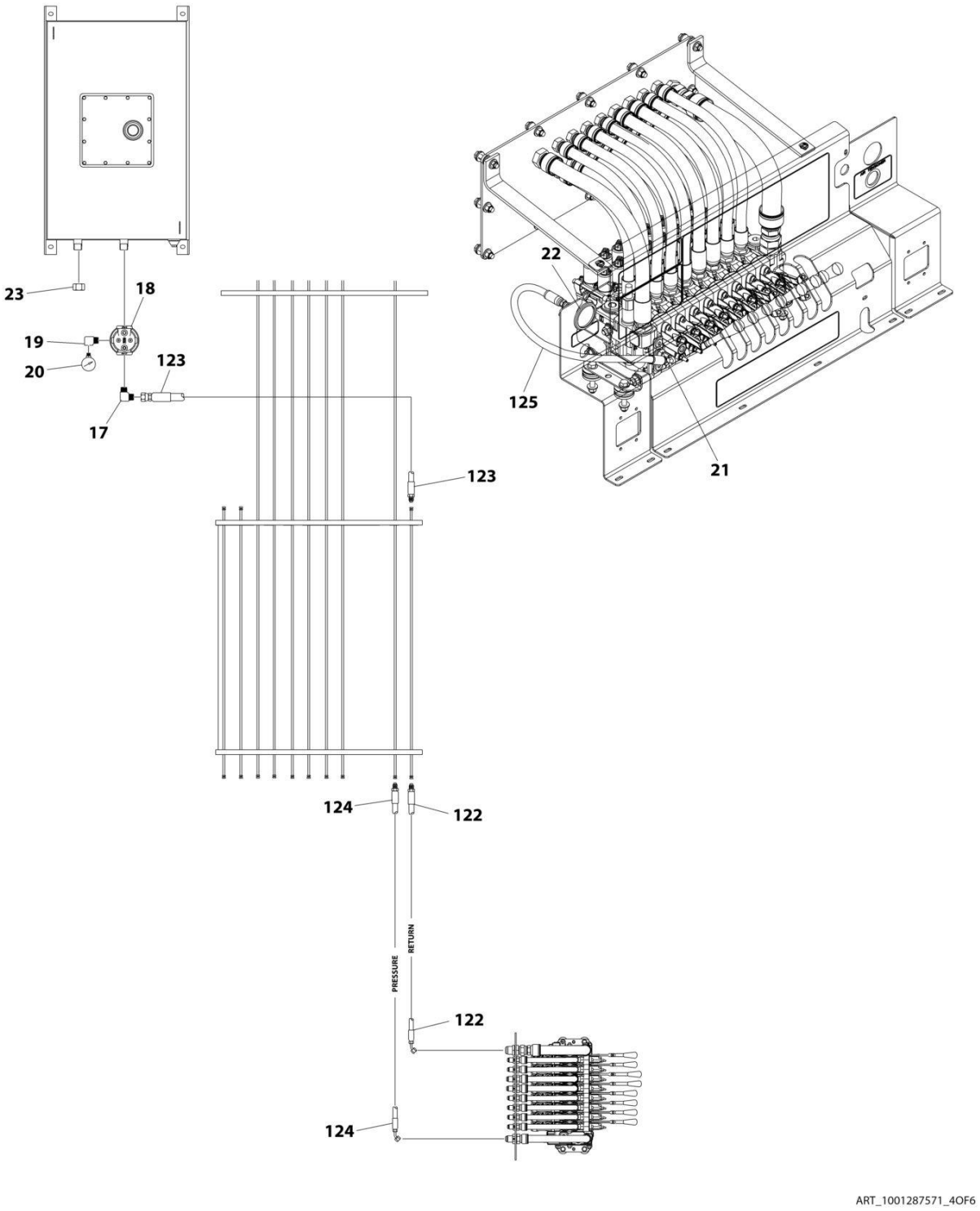
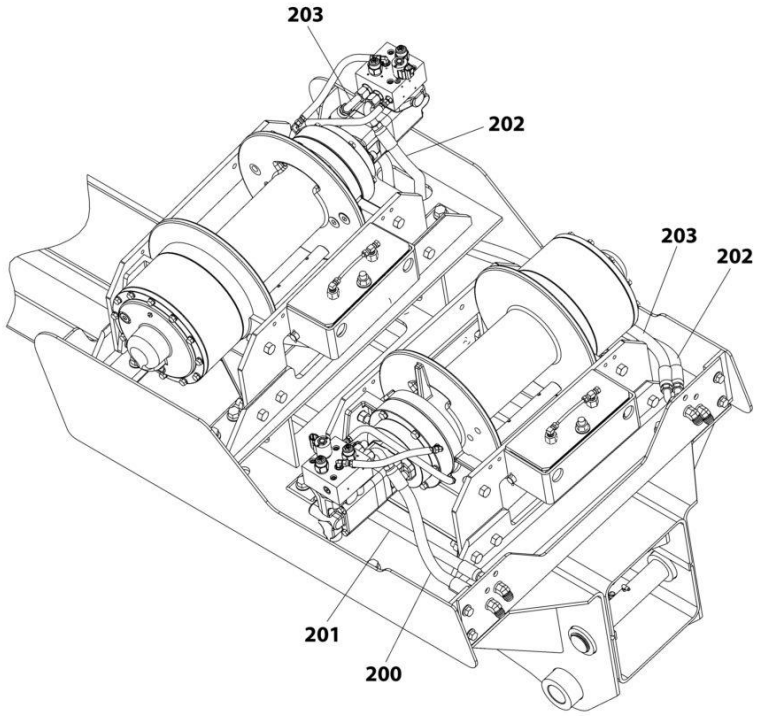
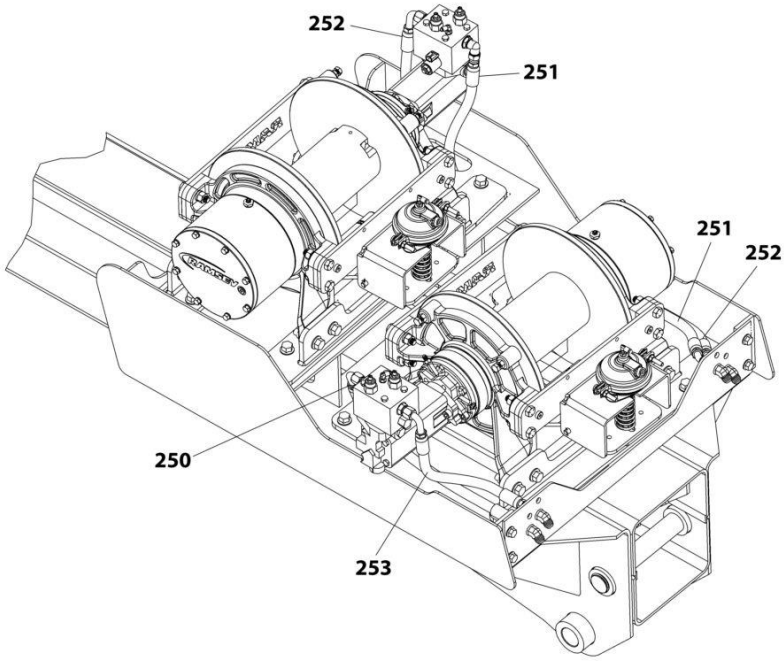


FIGURE 6-7. HYDRAULIC LINES AND FITTINGS (WITH WINCH)



DP 2-SPD WINCH



RAMSEY 2-SPD WINCH

ART_1001287571_5OF6

FIGURE 6-8. HYDRAULIC LINES AND FITTINGS (WITH WINCH)

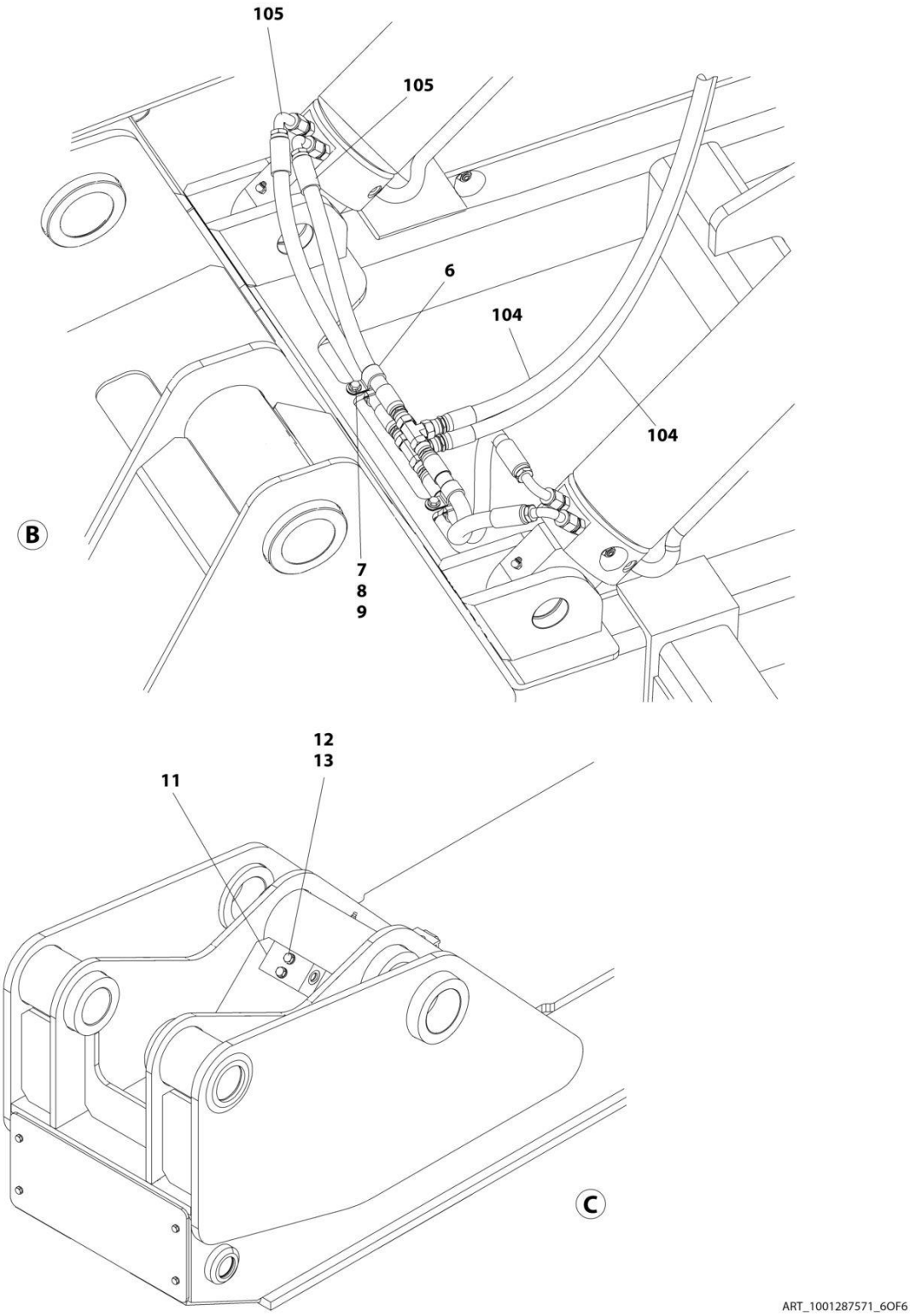


FIGURE 6-8. HYDRAULIC LINES AND FITTINGS (WITH WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001287571	Ref	HYDRAULIC LINES AND FITTINGS (WITH WINCH)	A
1	2220371	13	Fitting, Straight - O-Ring	
2	2220998	2	Fitting, Straight - O-Ring/JIC	
3	2220473	1	Fitting, 90 JIC/ORB	
4	2220600	4	Fitting, Straight	
5	2220362	2	Fitting, Tee JIC/JIC/JIC	
6	7274000040	2	Clamp	
7	7115141050	2	Bolt 5/16 x 1-1/4	
8	7950140161	4	Washer 5/16	
9	7660142601	2	Nut 5/16	
10	2230025	4	Fitting, Straight JIC/JIC	
11	4619000006	1	Manifold	
12	7115161650	2	Bolt 3/8 x 2	
13	7950160000	2	Washer 3/8	
14	7445100843	2	Fitting, Straight	
15	8760268	2	Fitting, 90	
16	2230035	4	Fitting, 45 - JIC	
17	7445161620	1	Fitting, 90	
18	7430000004	1	Filter Assembly - Hydraulic Oil	
18	7430000003	1	Element, Filter (1 Per Assembly)	
19	7443000158	1	Fitting, 90 - NPT	
20	7470000002	1	Gauge, Oil Filter	
21	2220582	1	Fitting, Straight JIC/ORB	
22	7470000023	1	Gauge	
23	7444000800	1	Fitting, Cap	
24	1001287570	1	Hose Kit (Not Shown) (Includes Items 101-125)	
25	1001288124	1	Winch Hose Kit (Not Shown) (Includes Items 401- 404)	
	1001287570	Ref	HOSE KIT	A
101	4570000138	4	Hose	
102	4569132026	2	Hose	
103	4569133028	2	Hose	
104	4567131058	2	Hose	
105	4567132019	4	Hose	
106	1001287656	1	Hose	
107	1001287657	1	Hose	
108	1001287661	1	Hose	
109	1001287662	1	Hose	
110	1001287663	1	Hose	
111	1001287664	1	Hose	
112	1001287658	1	Hose	
113	1001287659	1	Hose	
114	1001205230	2	Hose	
115	4570000152	2	Hose	
116	4569132019	2	Hose	
117	4569133020	2	Hose	
118	4570000271	2	Hose	
119	4567120017	2	Hose	
120	4570000260	2	Hose	
121	4567152052	4	Hose	
122	1001287666	1	Hose	

SECTION 6 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
123	4569180026	1	Hose	
124	1001287665	1	Hose	
125	1001193242	1	Hose	
	1001219190	Ref	WINCH HOSE KIT (DP WINCH)	A
200	4567152018	1	Hose	
201	1001166531	1	Hose	
202	1001219188	1	Hose	
203	1001219189	1	Hose	
	1001266915	Ref	HOSE KIT (RAMSEY WINCH)	A
250	1001166531	1	Hose	
251	1001166532	1	Hose	
252	1001219189	1	Hose	
253	1001267012	1	Hose	
	7577000640	Ref	HOSE KIT (UNDERLIFT - 530)	B
301	4570000336	1	Hose	
302	4570000335	1	Hose	
	7577000641	Ref	HOSE KIT (UNDERLIFT - 565)	B
351	4570000177	1	Hose	
352	4570000176	1	Hose	
	1001288124	Ref	HOSE KIT (DRAG WINCH)	A
401	1001287656	1	Hose	
402	1001287657	1	Hose	
403	4569162030	1	Hose	
404	1001219320	1	Hose	

FIGURE 6-9. HYDRAULIC HOSE INSTALLATION - UNDERLIFT

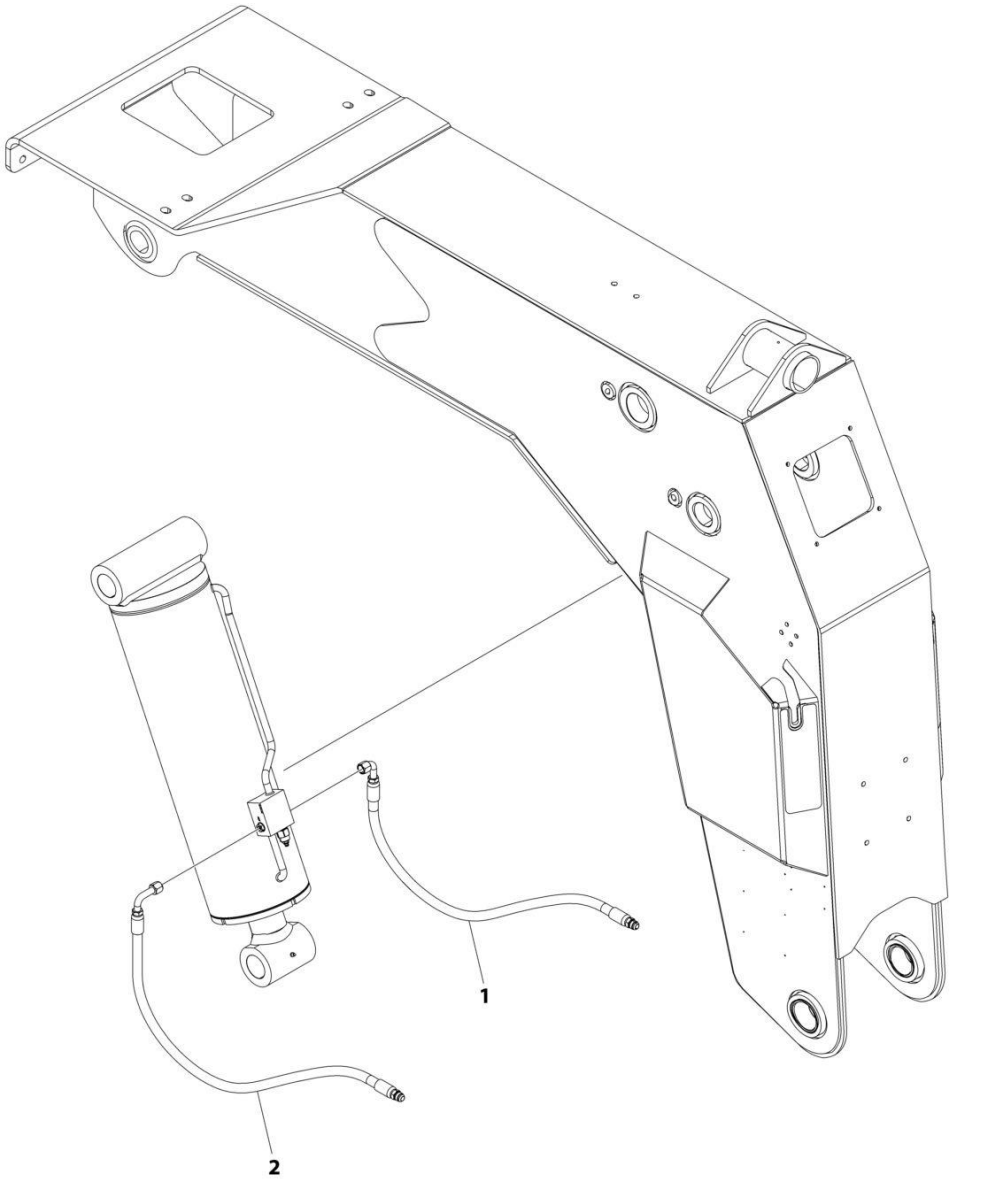


FIGURE 6-9. HYDRAULIC HOSE INSTALLATION - UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7577000640	Ref	UNDERLIFT HYDRAULIC HOSE INSTALLATION (53K LBS)	B
1	4570000336	1	Hose	
2	4570000335	1	Hose	

FIGURE 6-10. HYDRAULIC SUPPLY INSTALLATION (210-265IN WB)

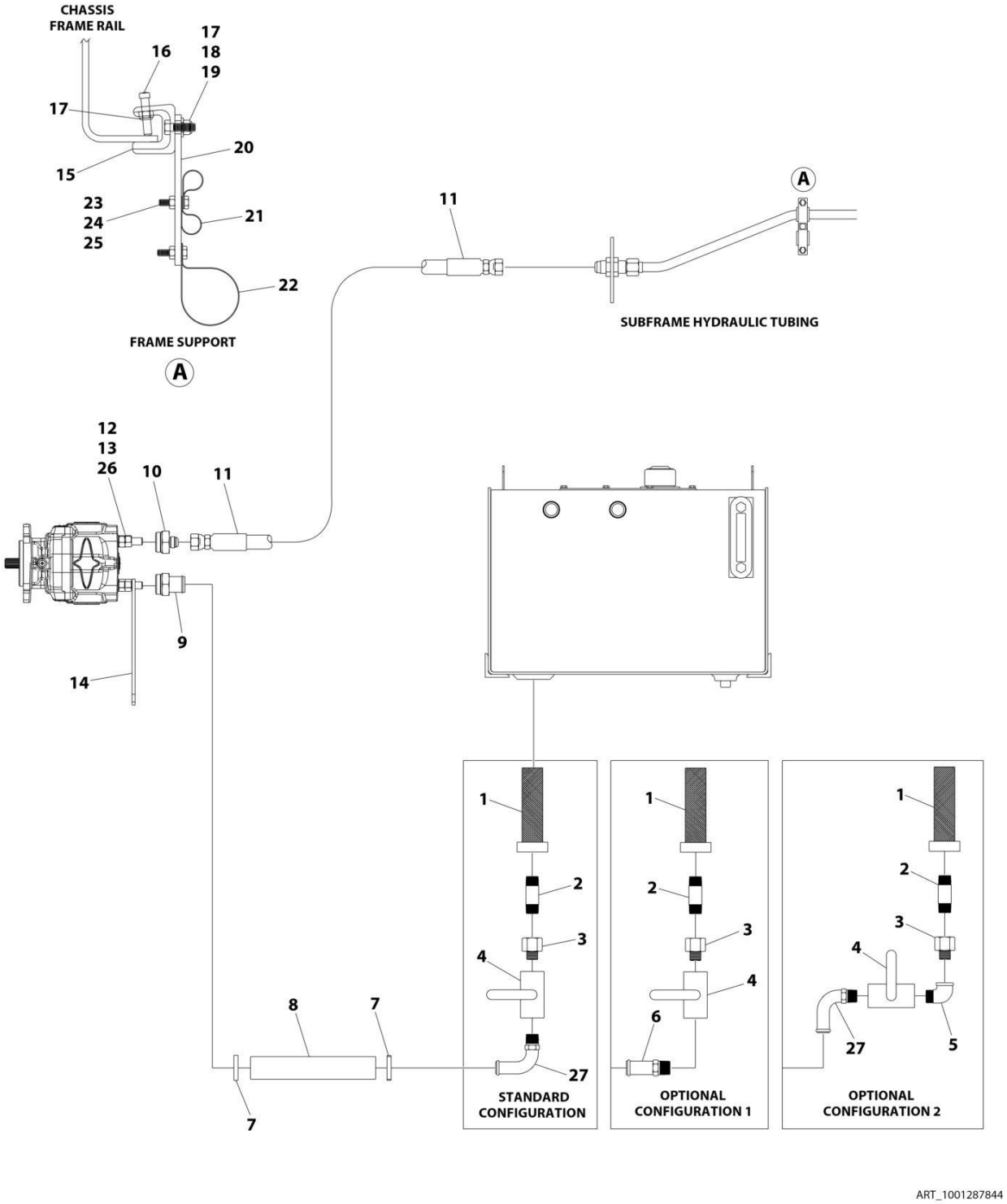


FIGURE 6-10. HYDRAULIC SUPPLY INSTALLATION (210-265IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001287844	Ref	HYDRAULIC SUPPLY INSTALLATION (210-265IN WB)	A
1	7430000010	1	Filter, Tank	
2	7650100137	1	Fitting, Straight	
3	7444121050	1	Fitting, Straight NPTM/NPTF	
4	7935000116	1	Valve, Ball	
5	7444121271	AR	Fitting, 90	
6	7443000130	AR	Fitting, Straight NPT/TUBE	
7	7274000028	2	Clamp	
8	8565000026	13 ft	Hose	
9	1001287856	1	Fitting, Straight BARB/ORB	
10	1001287855	1	Adapter	
11	4567160146	1	Hose	
12	7865182065	4	Stud 1/2 x 2-1/2	
13	7950180000	4	Washer 1/2	
14	4178000349	1	Bracket	
15	7274000076	6	Clamp	
16	7785152420	6	Setscrew 5/16 x 1-1/2	
17	7660152601	12	Nut 5/16	
18	7115151050	6	Bolt 5/16 x 1-1/4	
19	7950150161	6	Washer 5/16	
20	4706003844	6	Plate	
21	7274000041	6	Clamp	
22	7274000071	6	Clamp	
23	7115140850	12	Bolt 1/4 x 1	
24	7950140152	12	Washer 1/4	
25	7660142601	12	Nut 1/4	
26	7660180000	4	Nut 1/2	
27	7443000254	1	Fitting, 90 - NPT/BARBED	

FIGURE 6-11. HYDRAULIC SUPPLY INSTALLATION (266-305IN WB)

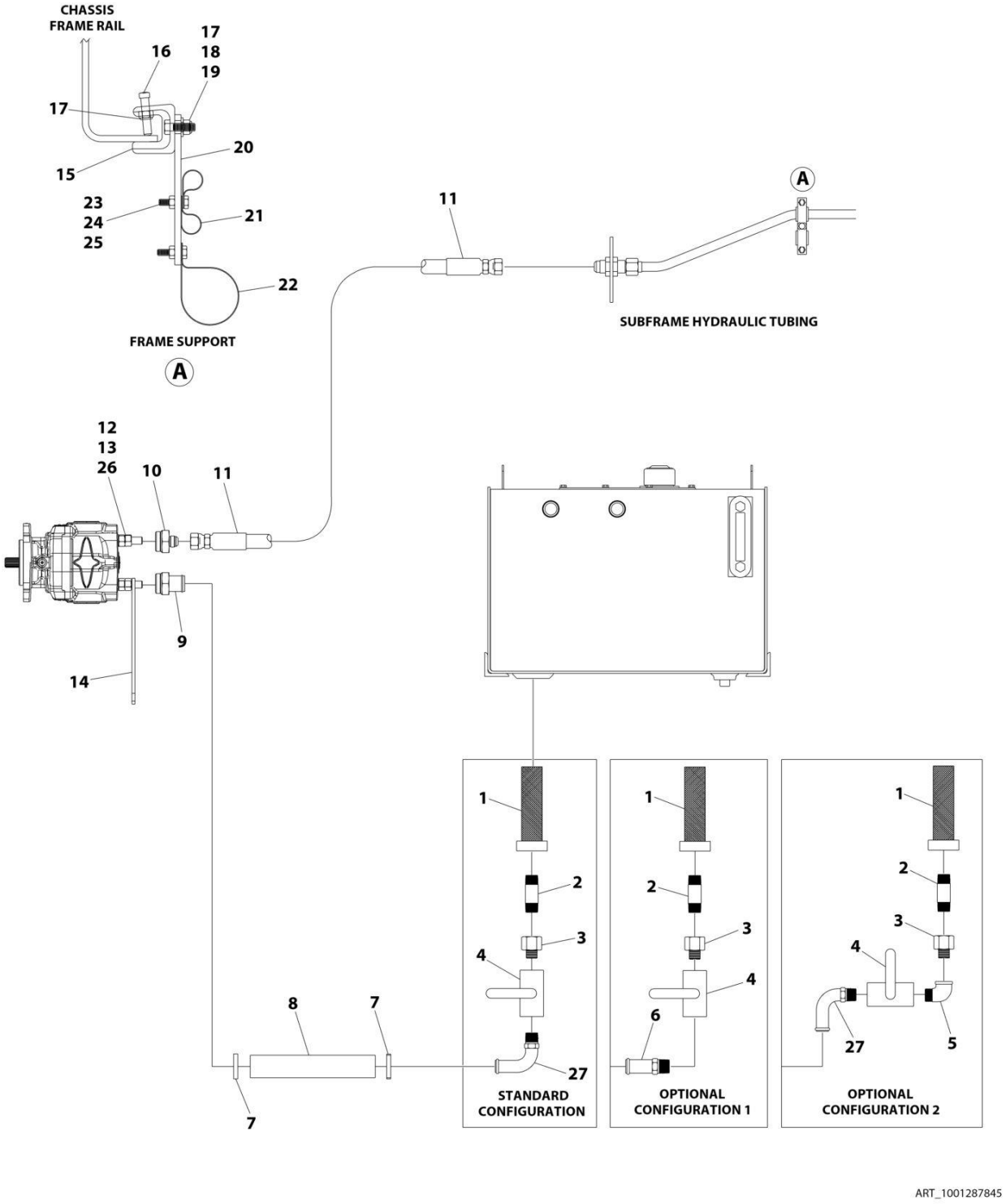


FIGURE 6-11. HYDRAULIC SUPPLY INSTALLATION (266-305IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001287845	Ref	HYDRAULIC SUPPLY INSTALLATION (266-305IN WB)	A
1	7430000010	1	Filter, Tank	
2	7650100137	1	Fitting, Straight	
3	7444121050	1	Fitting, Straight NPTM/NPTF	
4	7935000116	1	Valve, Ball	
5	7444121271	AR	Fitting, 90	
6	7443000130	AR	Fitting, Straight NPT/TUBE	
7	7274000028	2	Clamp	
8	8565000026	16.5 ft	Hose	
9	1001287856	1	Fitting, Straight BARB/ORB	
10	1001287855	1	Adapter	
11	1001218610	1	Hose	
12	7865182065	4	Stud 1/2 x 2-1/2	
13	7950180000	4	Washer 1/2	
14	4178000349	1	Bracket	
15	7274000076	6	Clamp	
16	7785152420	6	Setscrew 5/16 x 1-1/2	
17	7660152601	12	Nut 5/16	
18	7115151050	6	Bolt 5/16 x 1-1/4	
19	7950150161	6	Washer 5/16	
20	4706003844	6	Plate	
21	7274000041	6	Clamp	
22	7274000071	6	Clamp	
23	7115140850	12	Bolt 1/4 x 1	
24	7950140152	12	Washer 1/4	
25	7660142601	12	Nut 1/4	
26	7660180000	4	Nut 1/2	
27	7443000254	1	Fitting, 90 - NPT/BARBED	

FIGURE 6-12. HYDRAULIC SUPPLY INSTALLATION (306-345IN WB)

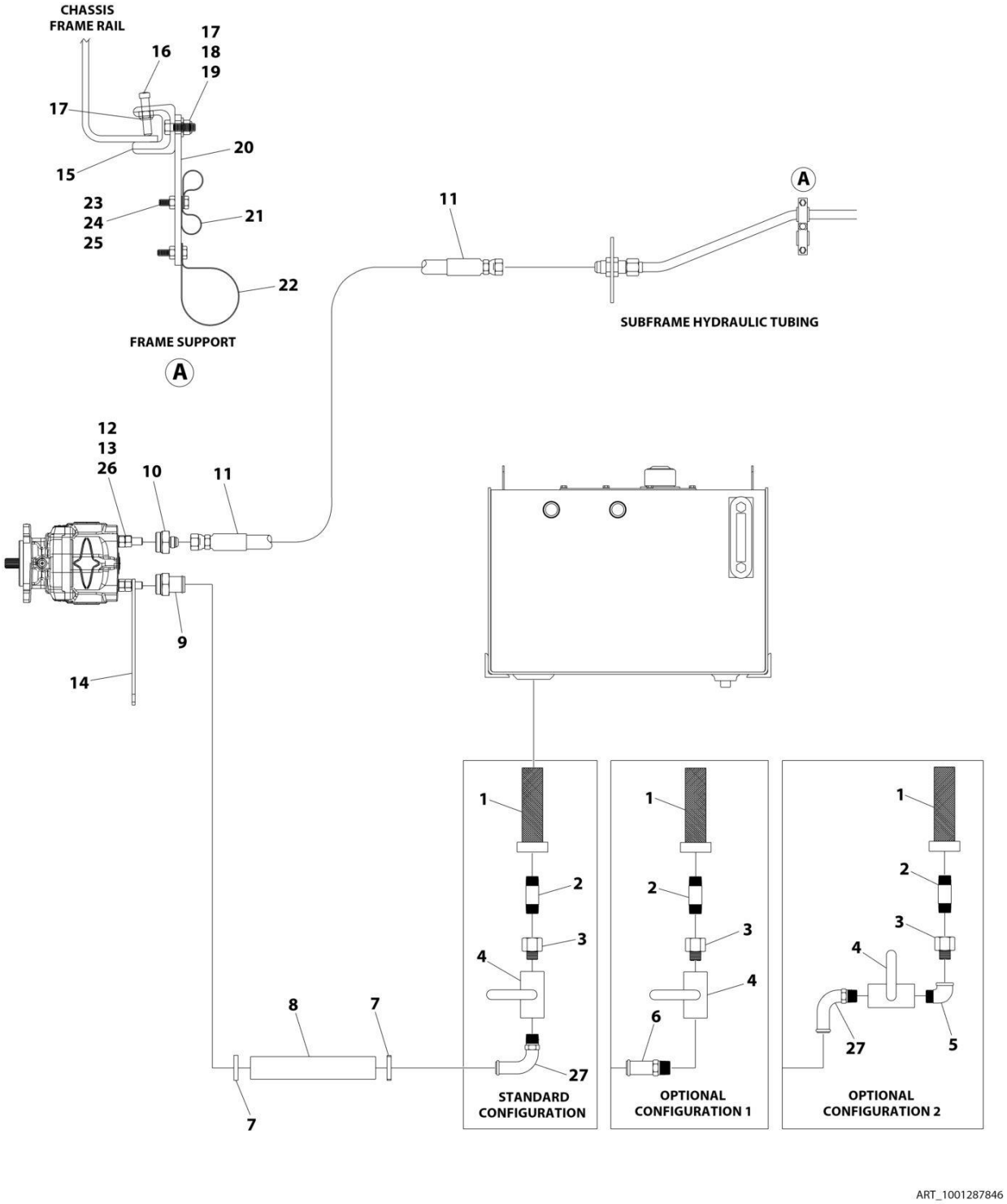


FIGURE 6-12. HYDRAULIC SUPPLY INSTALLATION (306-345IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001287846	Ref	HYDRAULIC SUPPLY INSTALLATION (306-345IN WB)	A
1	7430000010	1	Filter, Tank	
2	7650100137	1	Fitting, Straight	
3	7444121050	1	Fitting, Straight NPTM/NPTF	
4	7935000116	1	Valve, Ball	
5	7444121271	AR	Fitting, 90	
6	7443000130	AR	Fitting, Straight NPT/TUBE	
7	7274000028	2	Clamp	
8	8565000026	20 ft	Hose	
9	1001287856	1	Fitting, Straight BARB/ORB	
10	1001287855	1	Adapter	
11	1001204565	1	Hose	
12	7865182065	4	Stud 1/2 x 2-1/2	
13	7950180000	4	Washer 1/2	
14	4178000349	1	Bracket	
15	7274000076	6	Clamp	
16	7785152420	6	Setscrew 5/16 x 1-1/2	
17	7660152601	12	Nut 5/16	
18	7115151050	6	Bolt 5/16 x 1-1/4	
19	7950150161	6	Washer 5/16	
20	4706003844	6	Plate	
21	7274000041	6	Clamp	
22	7274000071	6	Clamp	
23	7115140850	12	Bolt 1/4 x 1	
24	7950140152	12	Washer 1/4	
25	7660142601	12	Nut 1/4	
26	7660180000	4	Nut 1/2	
27	7443000254	1	Fitting, 90 - NPT/BARBED	

FIGURE 6-13. HYDRAULIC INSTALLATION - SIDE STABILIZER (35K WINCH)

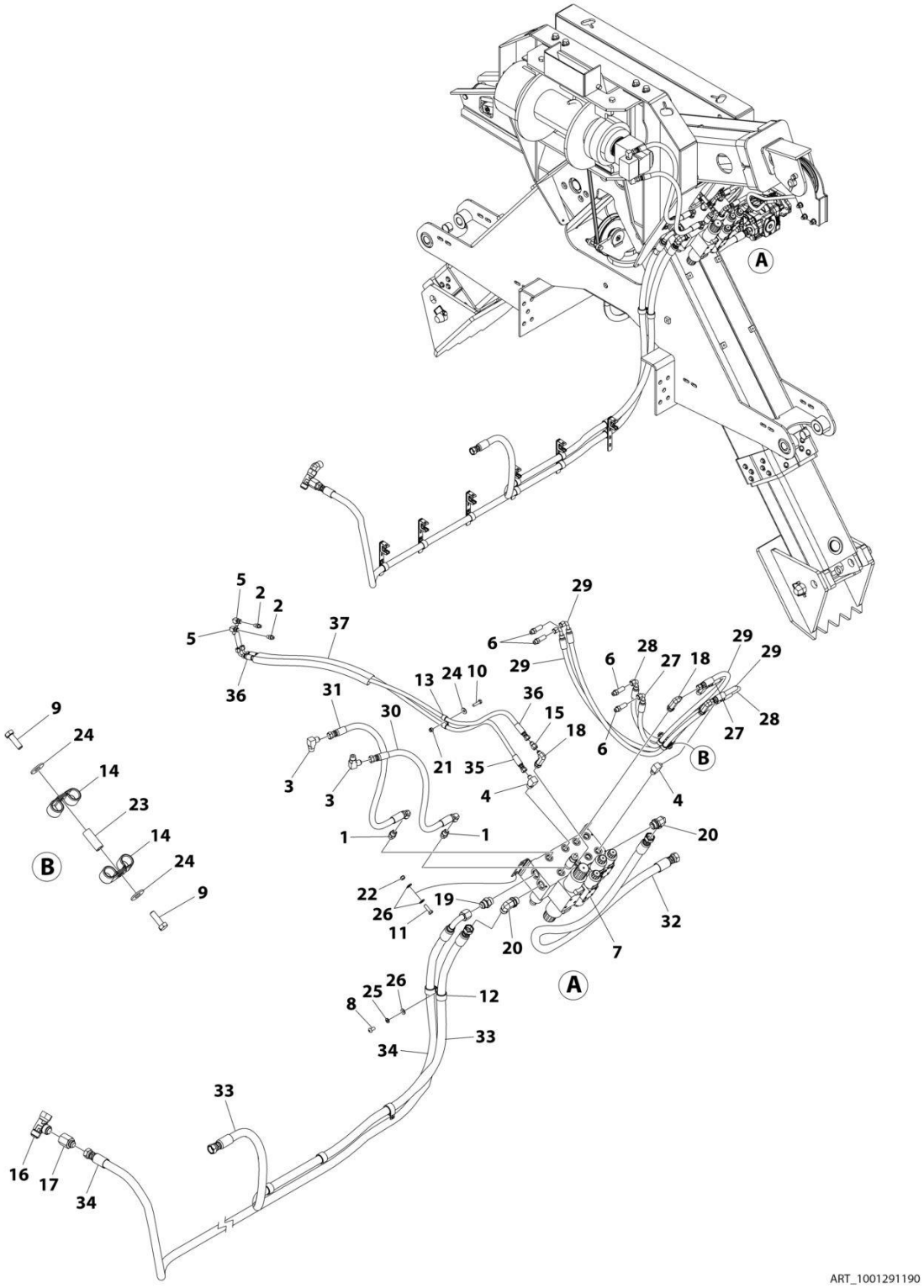


FIGURE 6-13. HYDRAULIC INSTALLATION - SIDE STABILIZER (35K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291190	Ref	HOSE AND FITTING INSTALLATION	A
1	2220373	2	Fitting, Straight	
2	2220415	2	Fitting, Straight	
3	2220596	2	Fitting, 90	
4	2220628	3	Fitting, 90	
5	2220654	2	Fitting, 90	
6	2220998	4	Fitting, Straight	
7	3935000189	1	Valve Assembly (See Separate Breakdown in this Section)	
8	7114160618	1	Screw 3/8 x 3/4	
9	7115150850	2	Capscrew 5/16 x 1	
10	7115151050	1	Capscrew 5/16 x 1-1/4	
11	7115161050	4	Capscrew 3/8 x 1-1/4	
12	7274000041	5	Clamp	
13	7274000053	2	Clamp	
14	7274000063	4	Clamp	
15	7443000108	1	Restrictor	
16	7443000213	1	Fitting, Tee	
17	7443000214	1	Fitting, Reducer	
18	7443000458	3	Fitting, 90	
19	7445121243	1	Fitting, Straight	
20	7445121245	2	Fitting, 90	
21	7660152601	1	Nut 5/16	
22	7660162601	4	Nut 3/8	
23	7661000022	1	Nut 5/16	
24	7950150161	3	Washer 5/16	
25	7950160000	1	Washer 3/8	
26	7950160141	9	Washer 3/8	
27	4567122036	1	Hose	
28	4567122038	1	Hose	
29	4567122056	2	Hose	
30	4567132028	1	Hose	
31	4567132033	1	Hose	
32	4567160129	1	Hose	
33	4567160156	1	Hose	
34	4567162180	1	Hose	
35	4570000337	1	Hose	
36	4570000338	1	Hose	
37	7819000005	1	Sleeve	
38	7894000004	7	Tie-Strap (Not Shown)	

FIGURE 6-14. HYDRAULIC INSTALLATION - SIDE STABILIZER (SS-70)

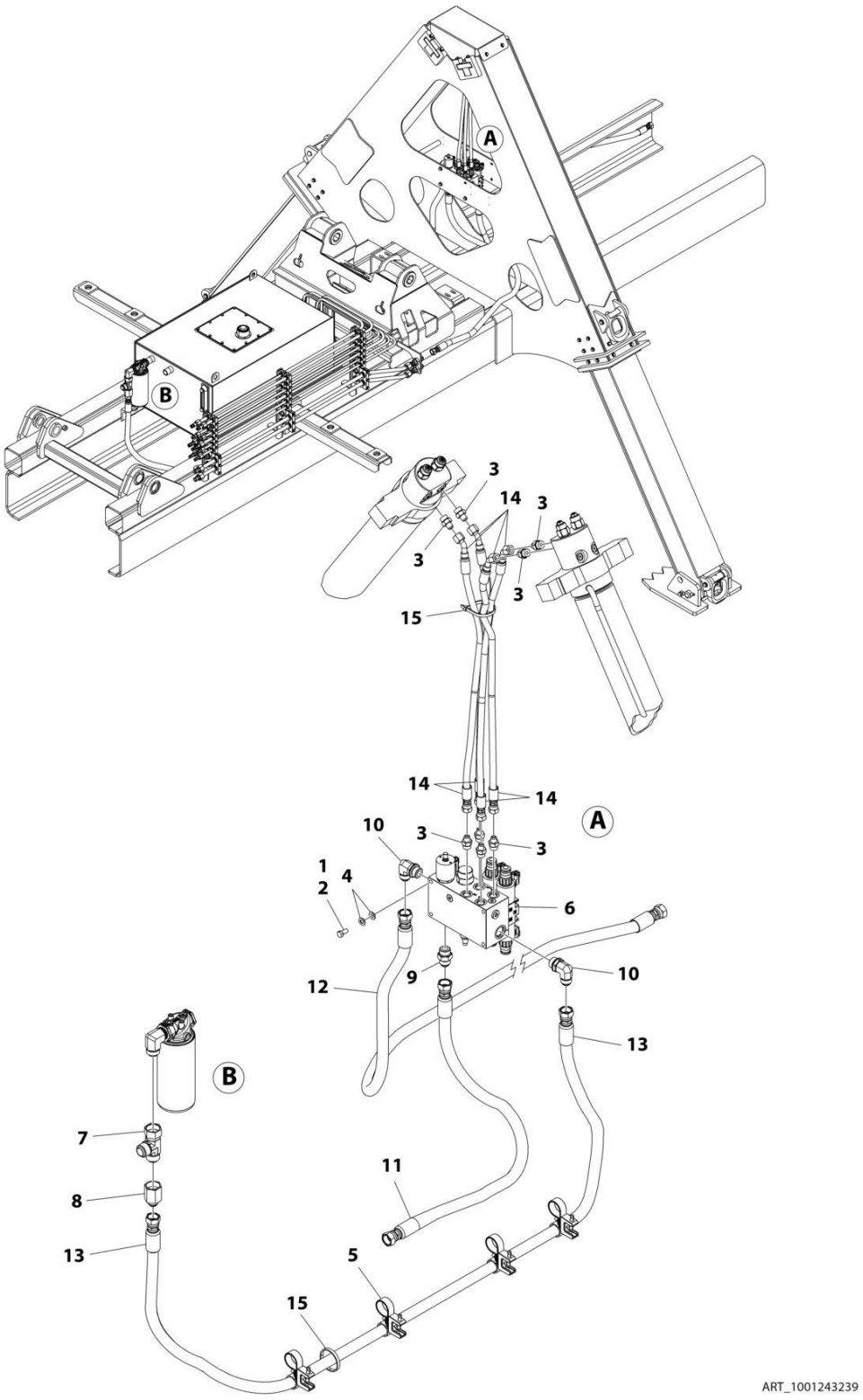


FIGURE 6-14. HYDRAULIC INSTALLATION - SIDE STABILIZER (SS-70)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243239	Ref	HYDRAULIC SIDE STABILIZER INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641606	3	Bolt 3/8 x 3/4	
3	2220372	8	Fitting, Straight JIC/ORB	
4	4711600	6	Washer 3/8	
5	1001132794	4	Clamp Kit	
6	1001243240	1	Valve Assembly (See Separate Breakdown in this Section)	
7	7443000213	1	Fitting, Tee	
8	7443000214	1	Fitting, Reducer	
9	7445121243	1	Fitting, Straight ORB/JIC	
10	7445121245	2	Fitting, 90 JIC/ORB	
11	1001244186	1	Hose	
12	1001244187	1	Hose	
13	1001244188	1	Hose	
14	1001244189	4	Hose	
15	7894000004	15	Tie-Strap	

FIGURE 6-15. TANK (HYDRAULIC) INSTALLATION

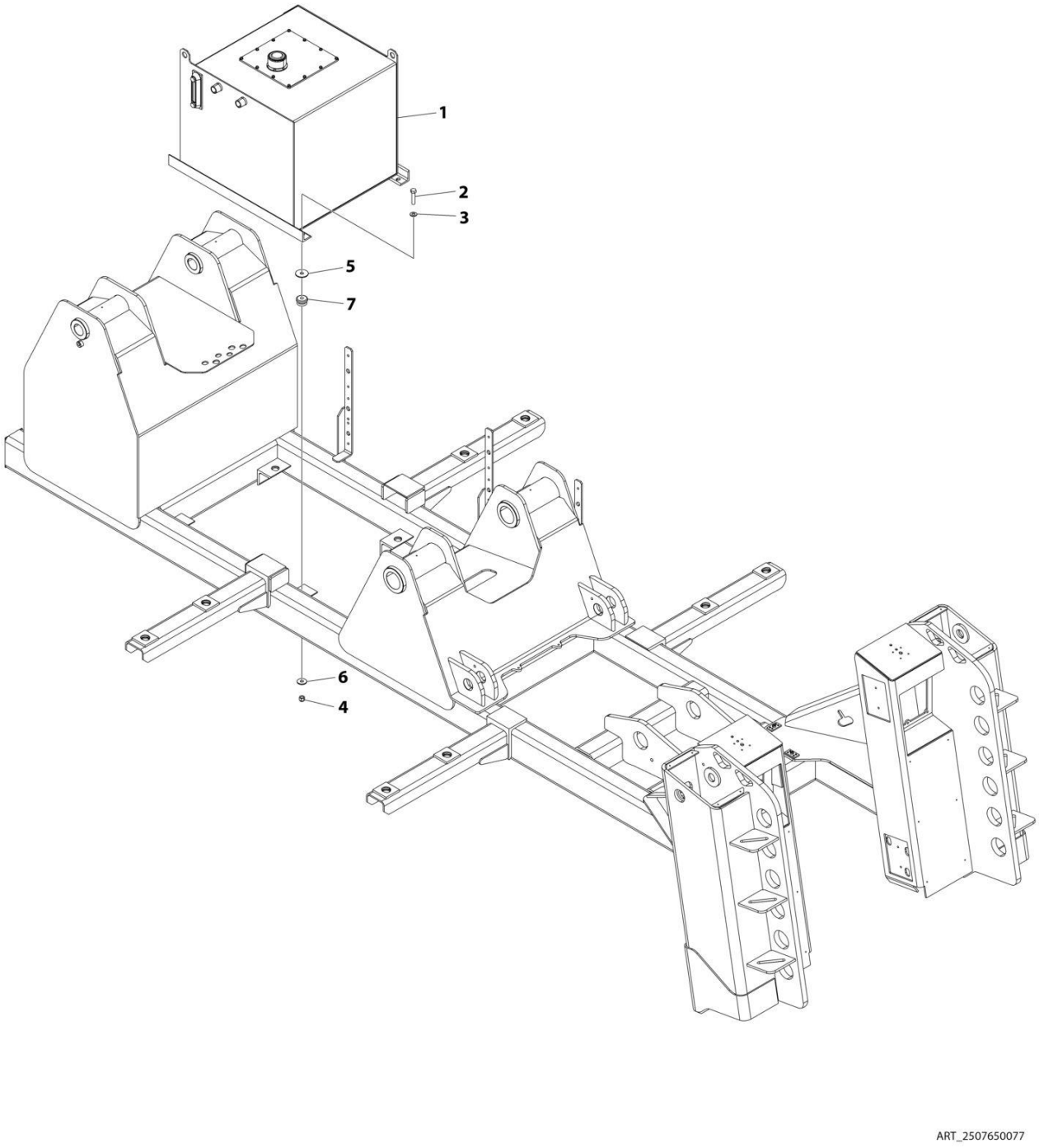


FIGURE 6-15. TANK (HYDRAULIC) INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2507650077	Ref	TANK (HYDRAULIC) INSTALLATION	B
1	3750000055	1	Tank Assembly (See Separate Breakdown in this Section)	
2	7115181850	4	Capscrew 1/2 x 2-1/4	
3	7950180141	4	Washer 1/2	
4	7660182601	4	Nut 1/2	
5	7949000015	4	Washer	
6	7949000016	4	Washer	
7	7636000006	4	Mount, Center Bonded	

FIGURE 6-16. TANK (HYDRAULIC) ASSEMBLY

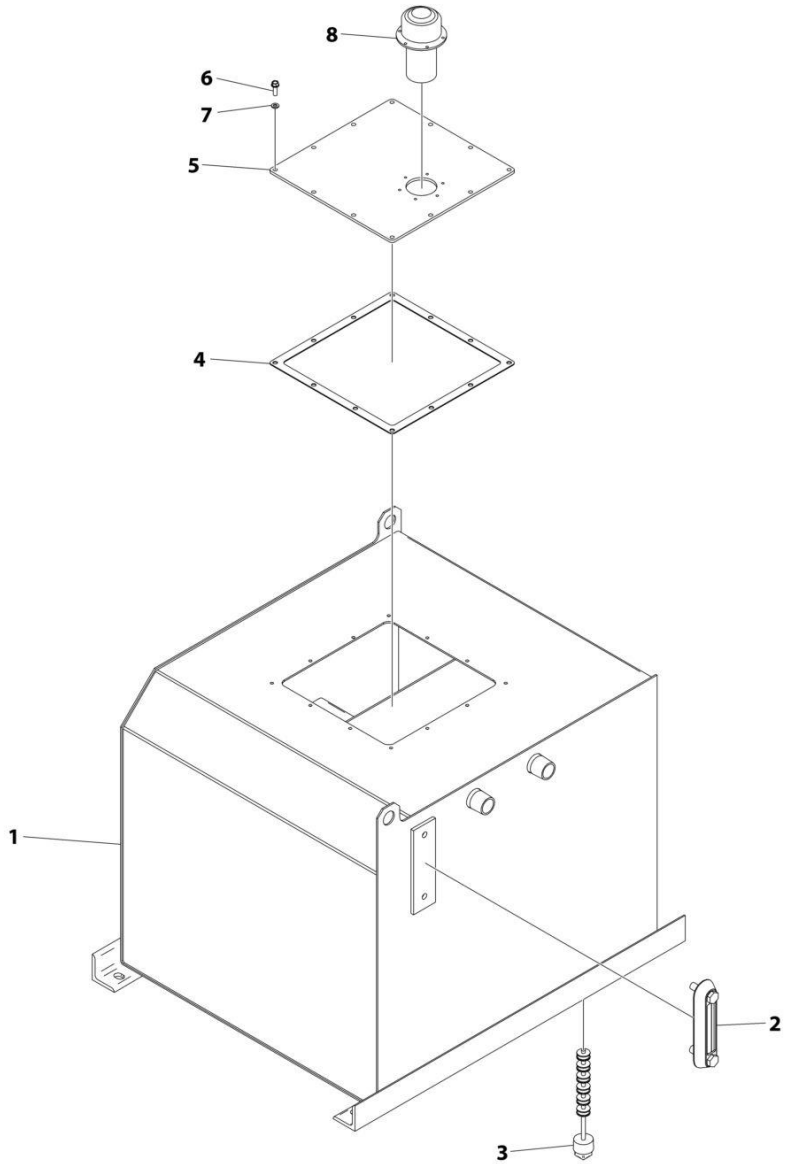


FIGURE 6-16. TANK (HYDRAULIC) ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3750000055	Ref	TANK (HYDRAULIC) ASSEMBLY	C
1	3750000056	1	Hydraulic Tank	
2	7470000003	1	Gauge	
3	7701000025	1	Plug	
4	7796000051	1	Gasket	
5	4706002235	1	Plate	
6	7790141253	12	Screw 1/4 x 3/4	
7	7950140000	12	Washer 1/4	
8	7183000004	1	Breather Filter	

FIGURE 6-17. TUBE INSTALLATION - SUBFRAME

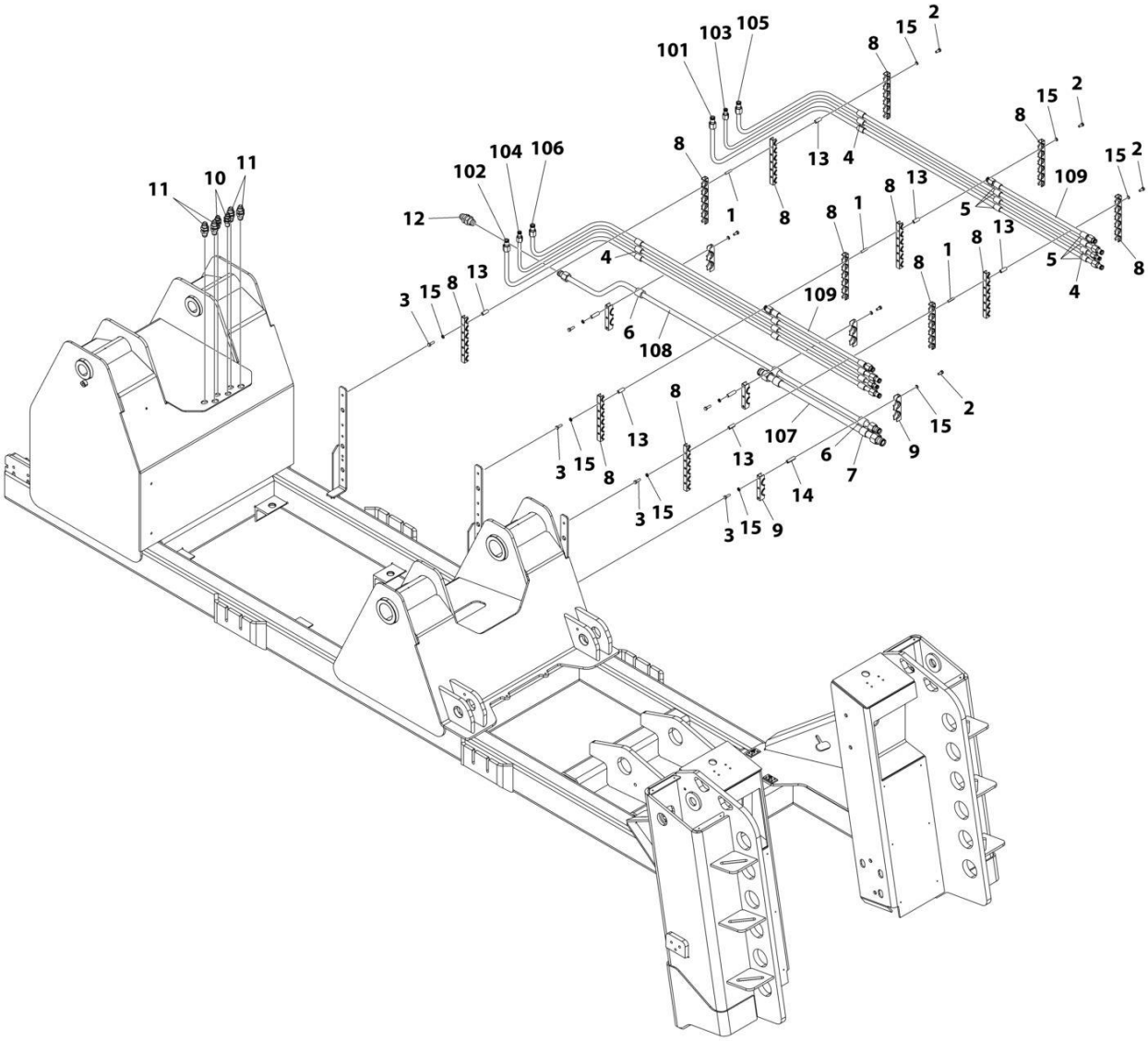


FIGURE 6-17. TUBE INSTALLATION - SUBFRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001287140	Ref	TUBE INSTALLATION (WITH UL WINCH)	A
1	7007000036	9	Adapter	
2	7115150650	24	Capscrew 5/16 x 3/4	
3	7115150850	12	Bolt 5/16 x 1	
4	7209000023	6	Bushing	
5	7209000024	16	Bushing	
6	7209000032	3	Bushing	
7	7209000033	2	Bushing	
8	7274000030	6	Clamp	
9	7274000049	3	Clamp	
10	7445080825	2	Fitting, Union Bulkhead	
11	7445101025	4	Fitting, Union Bulkhead	
12	7445121225	1	Fitting, Union Bulkhead	
13	7661000022	18	Nut 5/16	
14	7661000027	9	Stacking Nut	
15	7950150000	36	Washer 5/16	
100	1001287138	1	Tube Kit (Not Shown) (Includes Items 101-109)	
101	7912000280	1	Tube	
102	7912000281	1	Tube	
103	7912000282	1	Tube	
104	7912000283	1	Tube	
105	7912000284	1	Tube	
106	7912000285	1	Tube	
107	7912000287	1	Tube	
108	7912000288	1	Tube	
109	7912000289	2	Tube	

FIGURE 6-18. TUBE INSTALLATION - UNDERLIFT

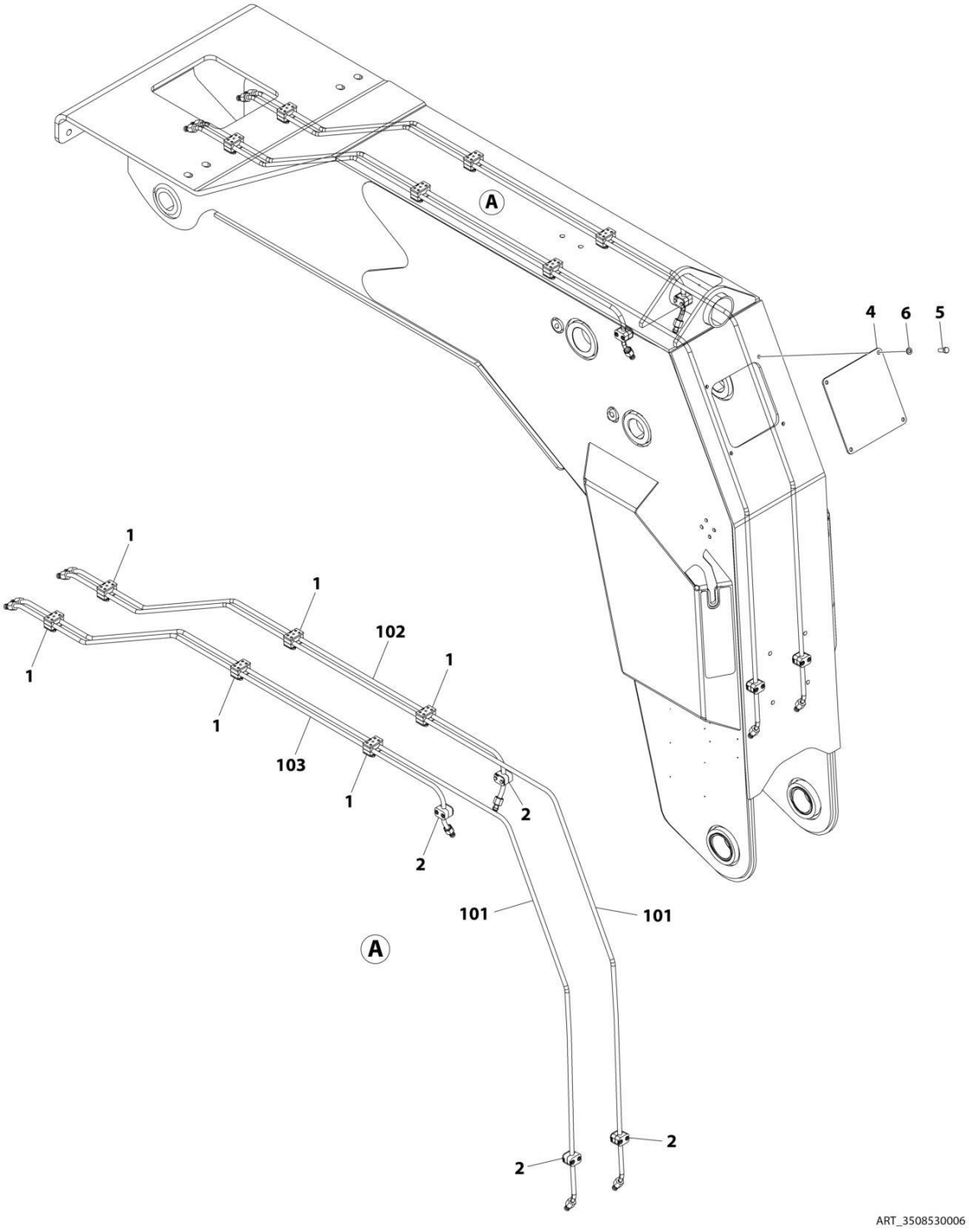


FIGURE 6-18. TUBE INSTALLATION - UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3508530006	Ref	UNDERLIFT HYDRAULIC TUBE INSTALLATION	B
1	1001136447	6	Clamp	
2	1001136559	4	Clamp	
4	4706002206	1	Plate	
5	7115160850	4	Bolt 3/8 x 1	
6	7950160000	4	Washer 3/8	
7	7577000661	1	Tube Kit	
101	7912000239	2	Tube	
102	7912000240	1	Tube	
103	7912000241	1	Tube	

FIGURE 6-19. HYDRAULIC INSTALLATION - UNDERLIFT (48000K UNDERLIFT)

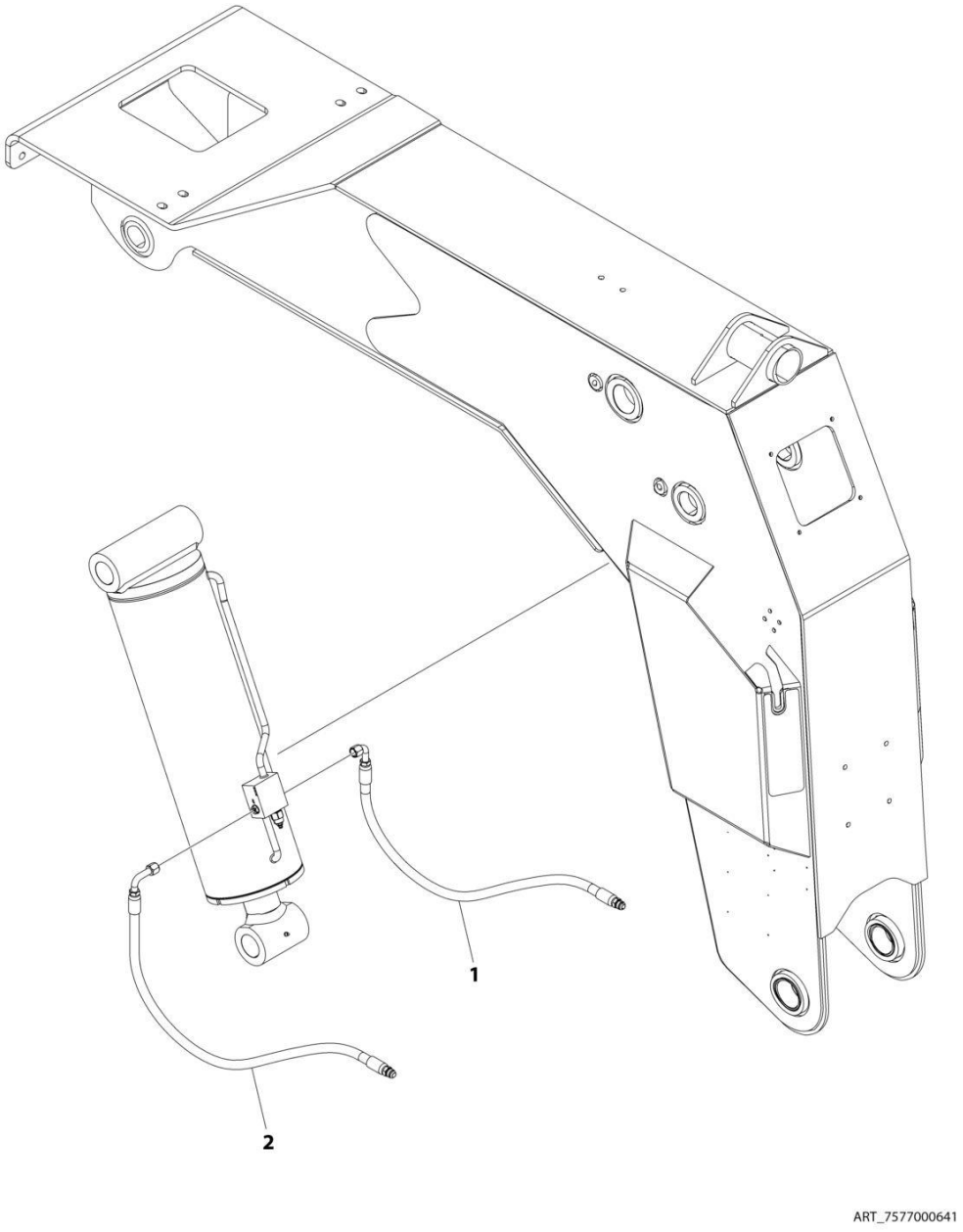


FIGURE 6-19. HYDRAULIC INSTALLATION - UNDERLIFT (48000K UNDERLIFT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7577000641	Ref	UNDERLIFT HYDRAULIC HOSE INSTALLATION (48K LBS)	B
1	4570000177	1	Hose	
2	4570000176	1	Hose	

FIGURE 6-20. VALVE ASSEMBLY- SIDE RECOVERY SYSTEM (SRS)

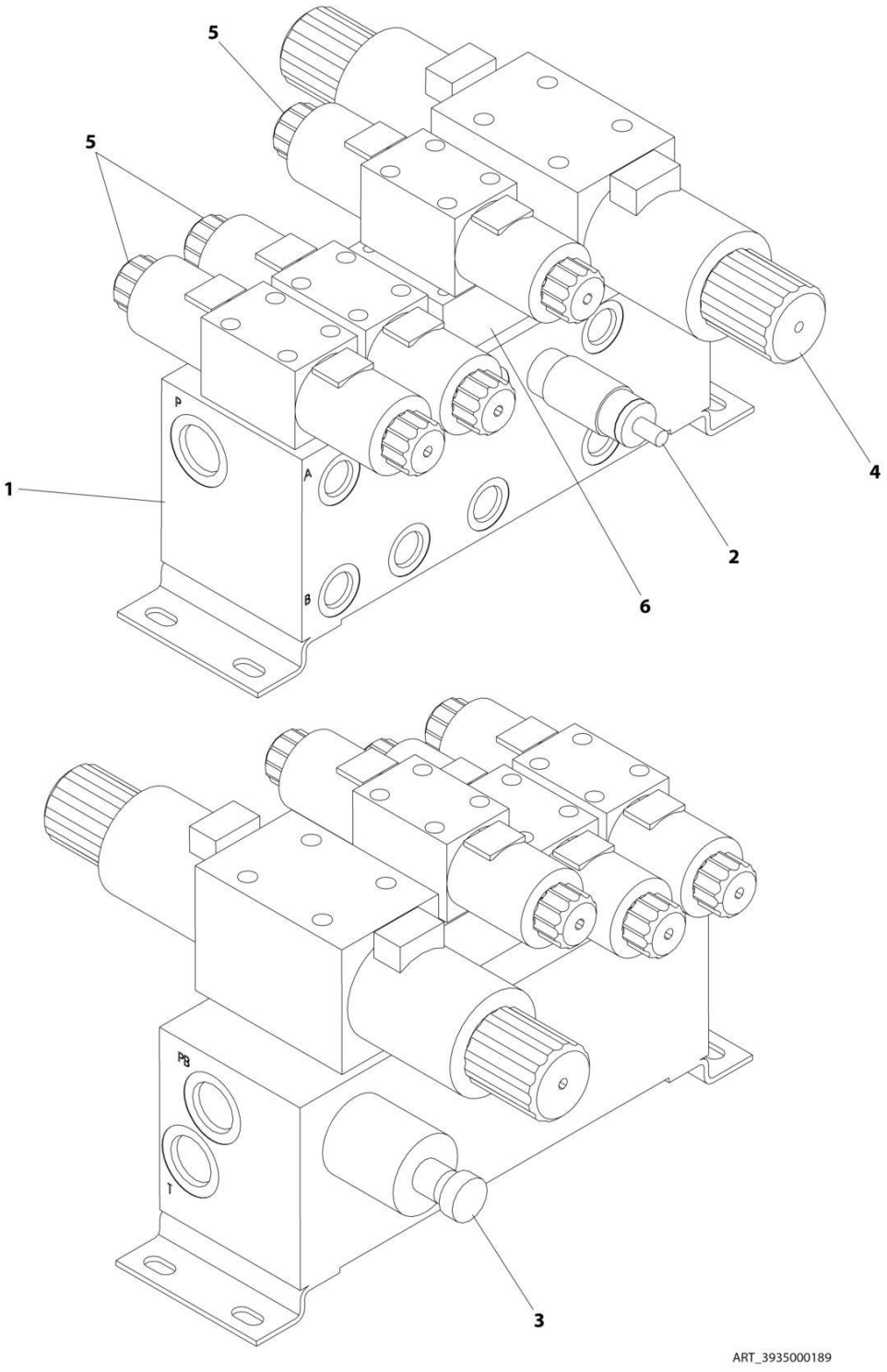


FIGURE 6-20. VALVE ASSEMBLY- SIDE RECOVERY SYSTEM (SRS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3935000189	Ref	VALVE ASSEMBLY	00
1	9619930002	1	Manifold	
2	9935930126	1	Main Relief Valve	
3	9935930127	1	Solenoid Selector Valve	
4	9935930129	1	DO5 Directional Valve	
5	7935000349	3	DO3 Directional Valve	
6	9935930130	1	Valve Adaptor Manifold	

FIGURE 6-21. VALVE ASSEMBLY - AIR 3 SECTION

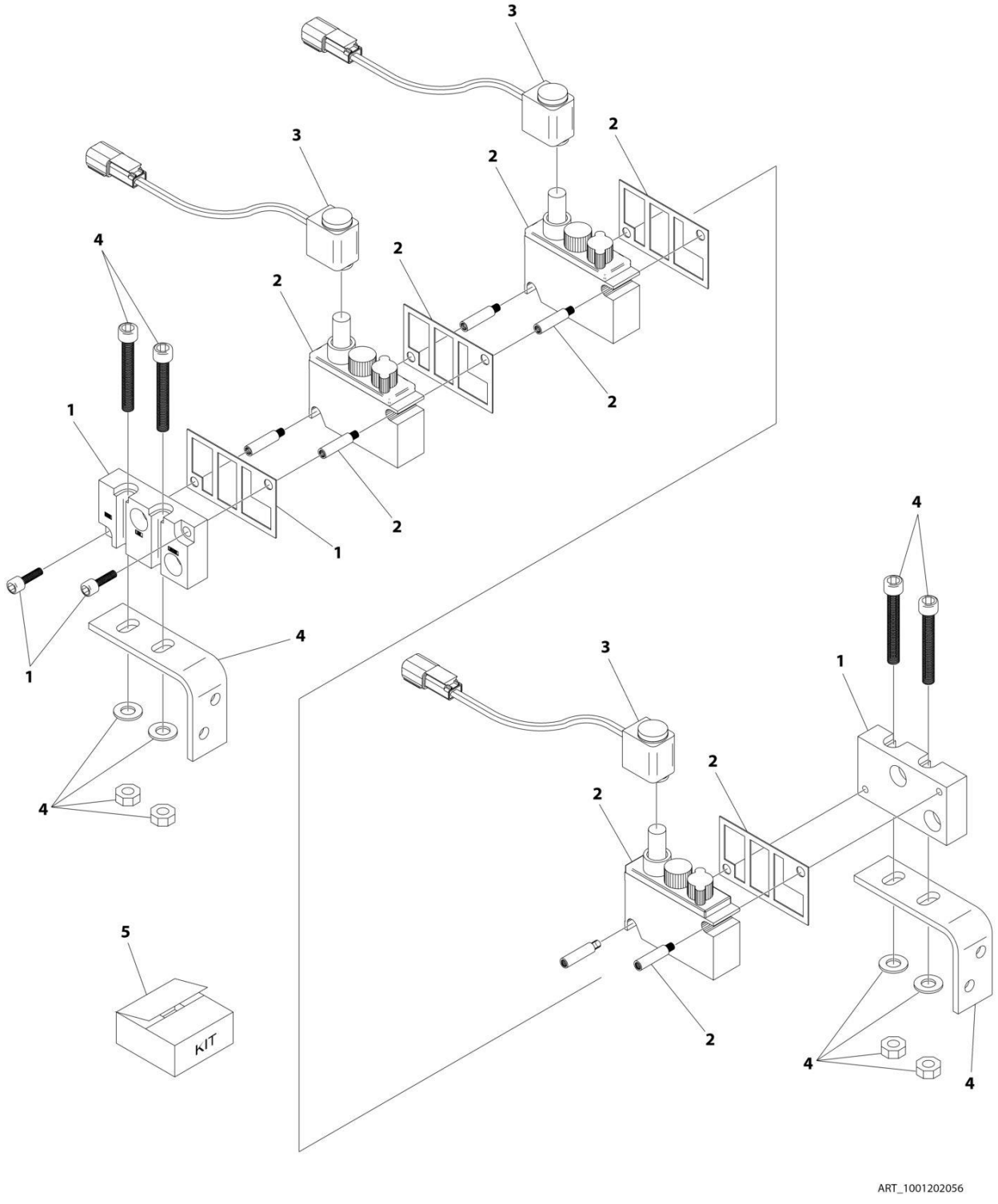


FIGURE 6-21. VALVE ASSEMBLY - AIR 3 SECTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202056	Ref	VALVE ASSEMBLY - AIR 3 SECTION	A
1	70050526	1	Kit, Stacking	
2	70050527	3	Valve	
3	70050528	3	Coil	
4	70050529	1	Kit, Mounting Bracket	
5	70050530	3	Kit, Spool Seal	

FIGURE 6-22. VALVE ASSEMBLY- SIDE STABILIZER (SS-70)

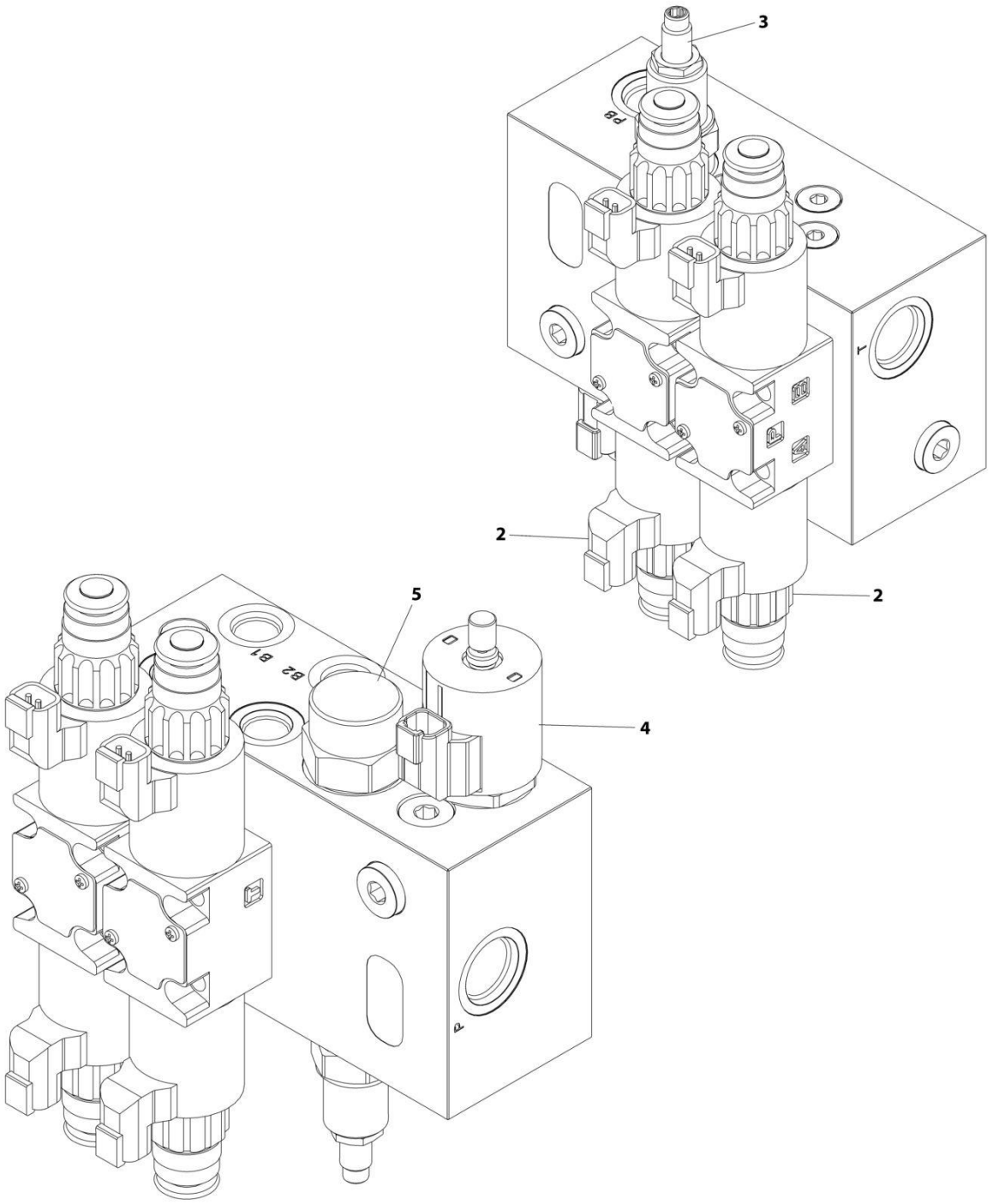


FIGURE 6-22. VALVE ASSEMBLY- SIDE STABILIZER (SS-70)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243240	Ref	VALVE ASSEMBLY	A
2	70051970	2	Valve Assembly - Directional	
2	70051973	2	Seal Kit - 70051970 Valve	
2	70051971	4	Coil	
2	70051972	4	Nut, Coil	
3	70051974	1	Cartridge, Relief Valve	
3	70051975	1	Seal Kit - 70051974 Valve	
4	70051976	1	Cartridge, Selector Solenoid	
4	7024896	1	Seal Kit - 70051976 Valve	
4	70003788	1	Coil	
4	70003977	1	Nut, Coil	
5	70051977	1	Cartridge, Flow Control	
5	70051978	1	Seal Kit - 70051977 Valve	

FIGURE 6-23. VALVE ASSEMBLY - 10 SECTION - 10 SOLENOID

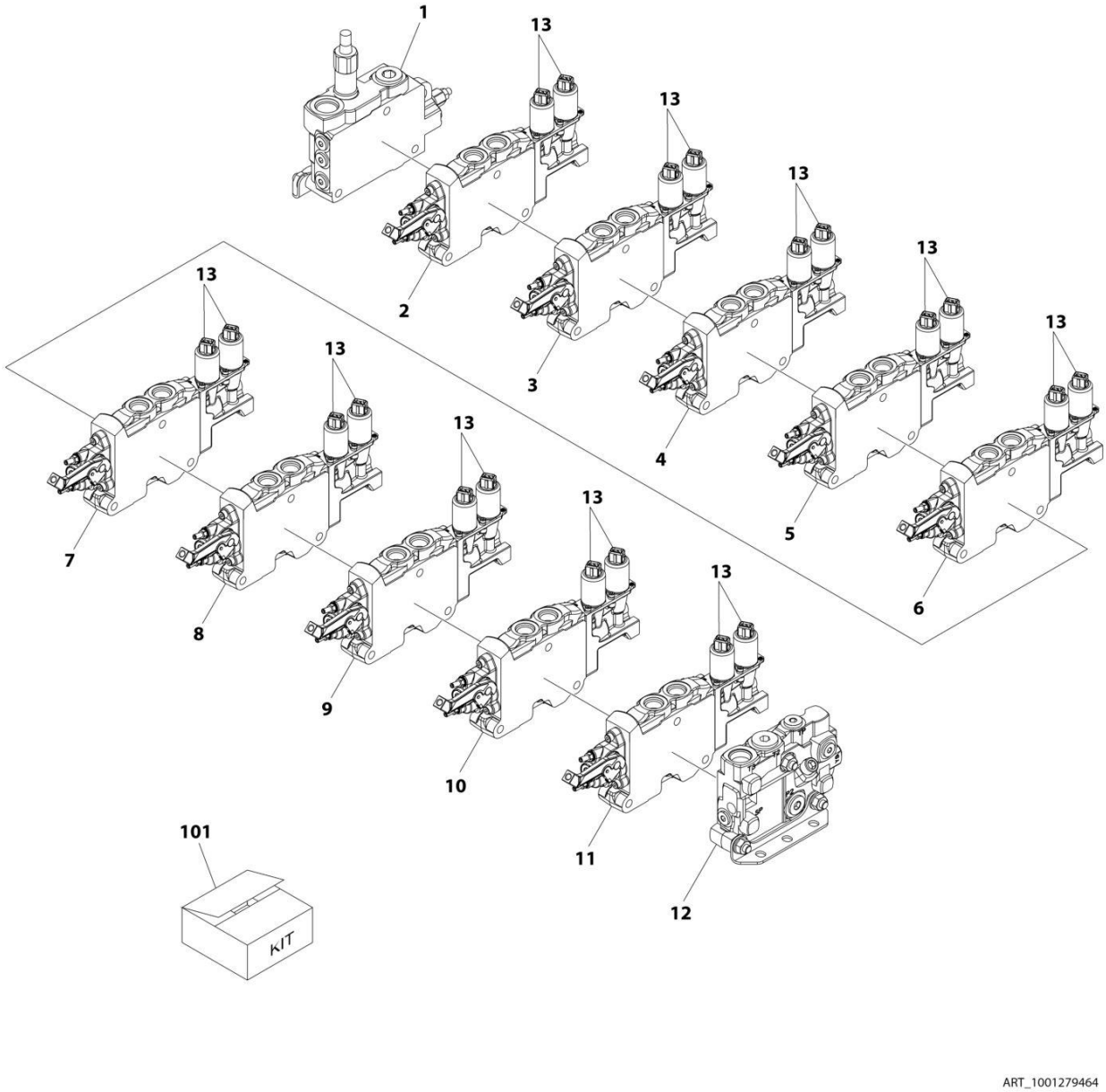
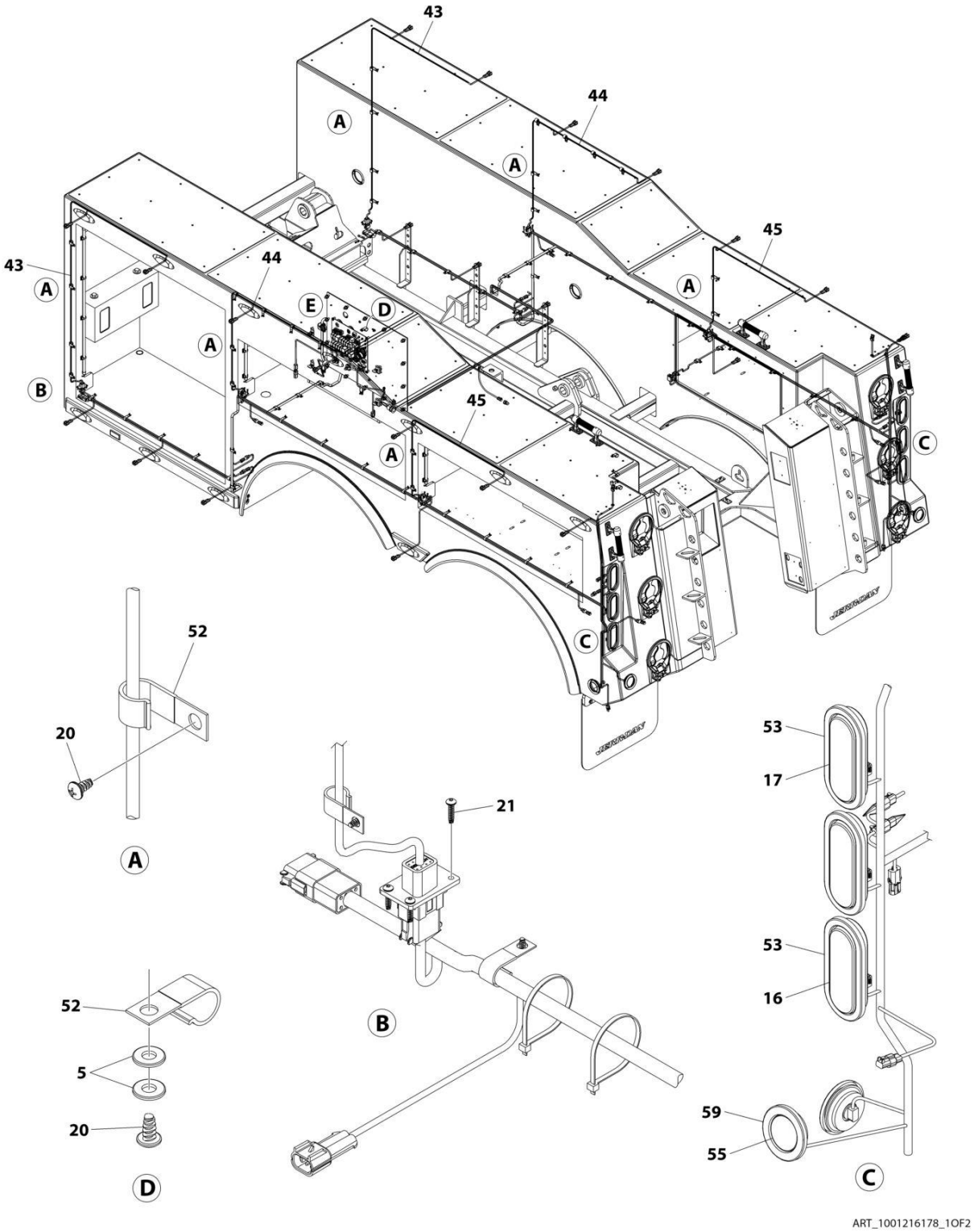


FIGURE 6-23. VALVE ASSEMBLY - 10 SECTION - 10 SOLENOID

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001279464	Ref	VALVE ASSEMBLY - 10 SECTION - 10 SOLENOID	A
1	70070142	1	Inlet Section	
2	70070157	1	UL Tilt Section	
3	70070157	1	UL Ext Section	
4	70070157	1	UL Lift Section	
5	70070157	1	Boom Lift Section	
6	70070157	1	Boom Ext Section	
7	70070158	1	LH Winch Section	
8	70070158	1	RH Winch Section	
9	70070158	1	Drage Winch Section	
10	70070159	1	LH Spade Section	
11	70070159	1	RH Spade Section	
12	70070146	1	End Section	
13	70070082	20	Solenoid	
101	70070084	1	Seal Kit, Intersection	

SECTION 7 - ELECTRICAL

FIGURE 7-1. ELECTRICAL INSTALLATION - TANDEM



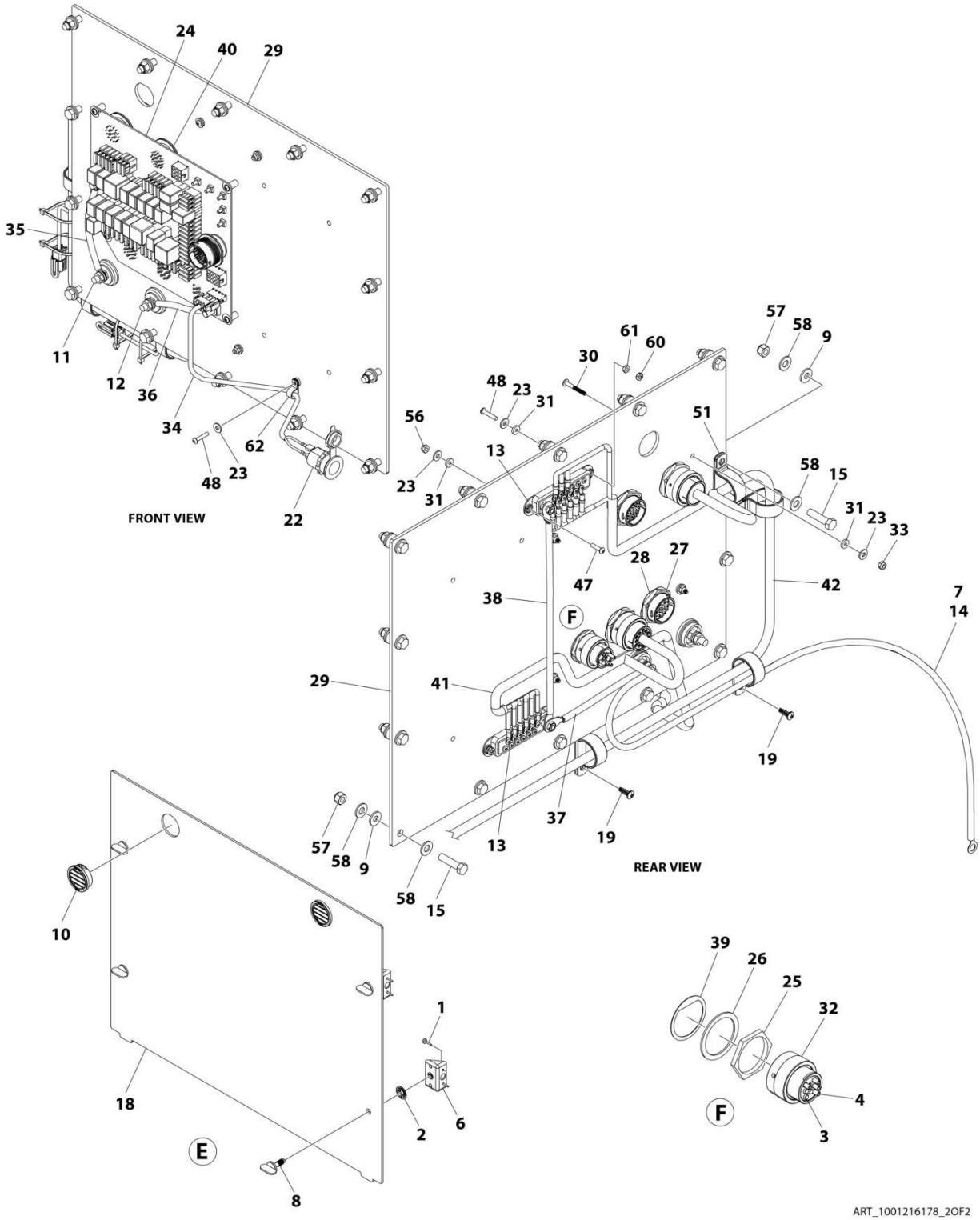
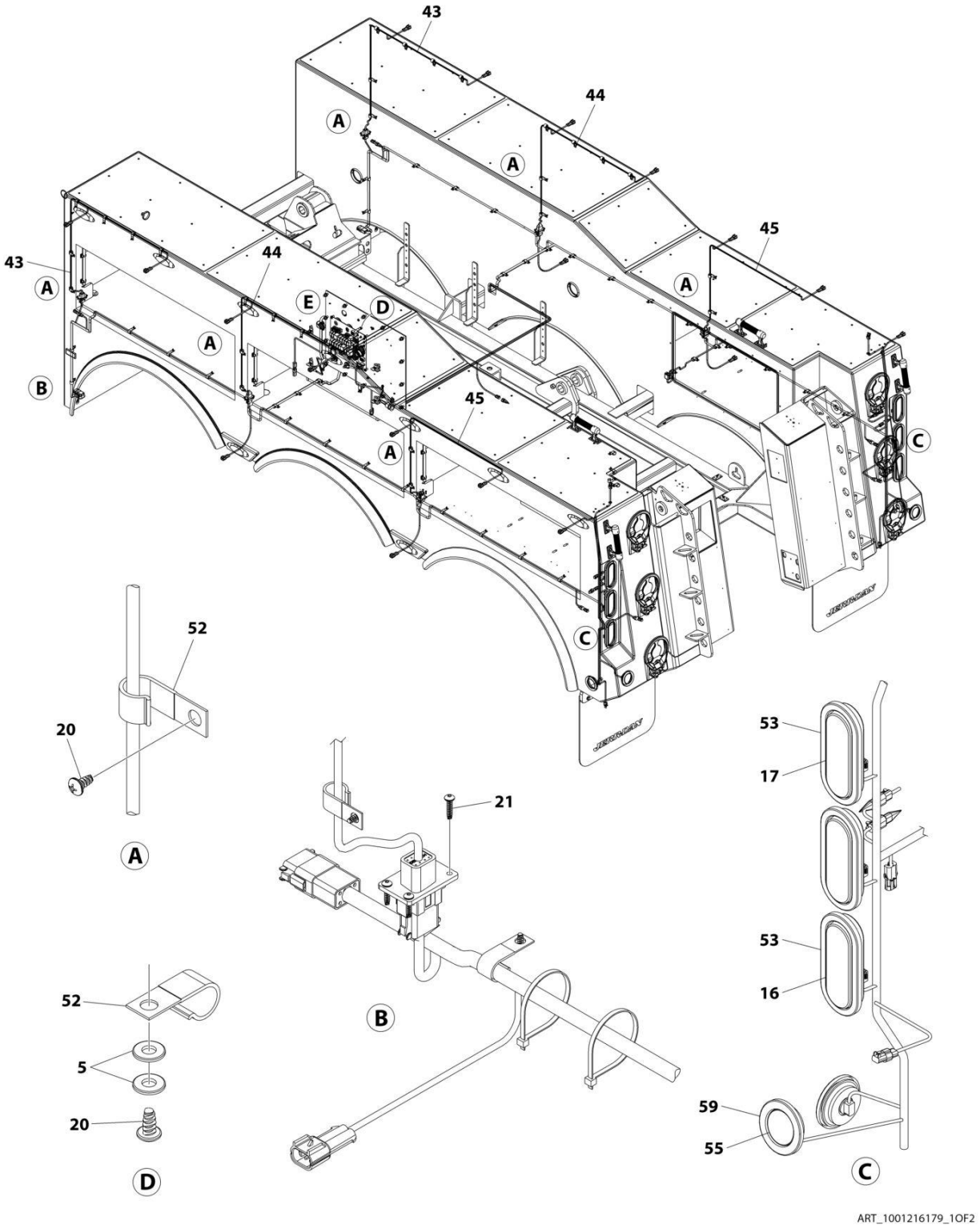

FRONT VIEW
REAR VIEW
ART_1001216178_2OF2

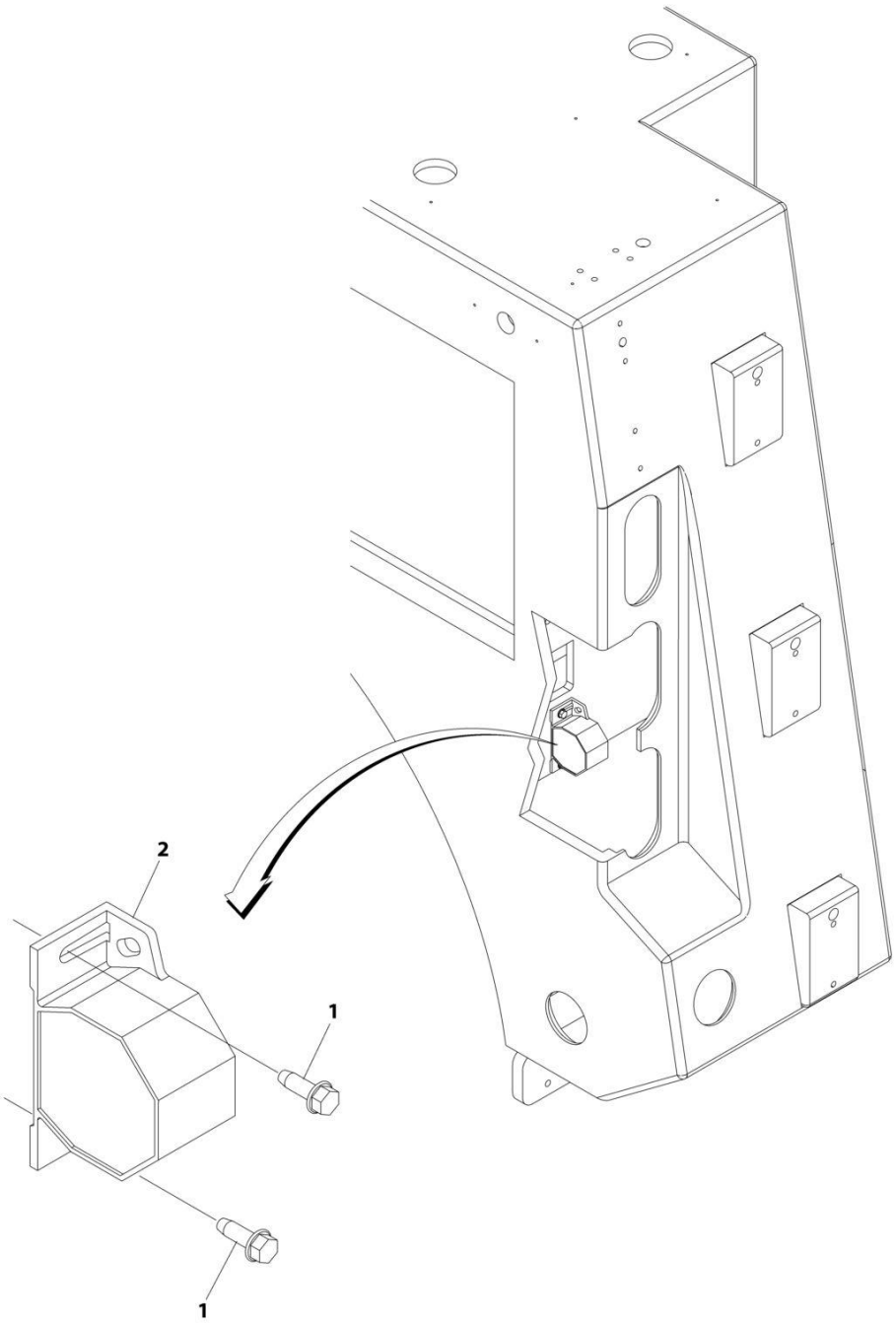
FIGURE 7-1. ELECTRICAL INSTALLATION - TANDEM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216178	Ref	BODY LIGHTS AND WIRING (TANDEM)	D
1	0750604	8	Screw	
2	3760308	4	Ring, Retainer	
3	4460466	3	Terminal	
4	4460509	4	Terminal	
5	4740513	2	Washer 1/4	
6	1001122235	4	Bracket	
7	1001130310	AR	Adhesive	
8	1001166930	4	Latch, Wing Screw	
9	1001166974	14	Washer 3/8	
10	1001167607	2	Plug	
11	1001168320	1	Terminal	
12	1001168321	1	Terminal	
13	1001168322	2	Terminal	
14	1001168328	1	Cable	
15	1001168993	14	Capscrew 3/8 x 1-1/2	
16	1001174680	2	Lamp, Backup LED	
17	7590000370	4	Light	
18	1001191602	1	Panel, Coverplate	
19	1001194676	2	Screw 1/4 x 3/4	
20	1001195257	69	Screw 1/4 x 1/2	
21	1001196552	24	Screw #8 x 3/4	
22	1001201384	1	Socket	
23	1001201926	8	Washer #10	
24	1001203234	1	Power PCB Assembly	
25	1001204788	1	Nut, Terminal	
26	1001204789	1	Washer, Terminal	
27	1001205043	4	Nut, Terminal	
28	1001205044	4	Washer, Terminal	
29	1001206505	1	Plate, Bulkhead Electrical	
30	1001207734	4	Screw	
31	1001207736	8	Washer #10	
32	1001208066	1	Connector, 8 Socket	
33	1001208303	4	Nut #10	
34	1001209031	1	Harness, Tow Light (See Separate Breakdown in this Section)	
35	1001209040	1	Cable	
36	1001209041	1	Cable	
37	1001209042	1	Cable	
38	1001209044	1	Harness, Battery to Bulkhead	
39	1001209365	1	Seal	
40	1001209366	4	Seal	
41	1001216183	1	Harness, Body (LH) (Tandem) (See Separate Breakdown in this Section)	
42	1001216184	1	Harness, Body (RH) (Tandem) (See Separate Breakdown in this Section)	
43	1001216185	2	Harness, Marker Light 1 (Tandem) (See Separate Breakdown in this Section)	
44	1001216186	2	Harness, Marker Light 2 (Tandem) (See Separate Breakdown in this Section)	
45	1001216187	2	Harness, Marker Light 3 (See Separate Breakdown in this Section)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	5526000553	AR	Tie-Strap (Not Shown)	
47	7114100618	2	Screw #10 x 3/4	
48	7114100818	2	Screw #10 x 1	
51	7274000042	4	Clamp	
52	7280000006	68	Clip	
53	7493000026	6	Grommet	
55	7590000343	4	Light	
56	7660102601	2	Nut #10	
57	7660162601	14	Nut 3/8	
58	7950160143	28	Washer 3/8	
59	1001220431	4	Grommet	
60	7661000002	2	Nut #10	
61	3311001	2	Nut #10	
62	7274000036	1	Clamp	

FIGURE 7-2. ELECTRICAL INSTALLATION - TRI-AXLE





ART_1001213538

FIGURE 7-2. ALARM INSTALLATION - FIXED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213538	Ref	Fixed Back-Up Alarm Installation	A
1	7790141251	2	Screw 1/4 x 3/4	
2	7011000006	1	Alarm	

FIGURE 7-3. ALARM INSTALLATION - VARIABLE

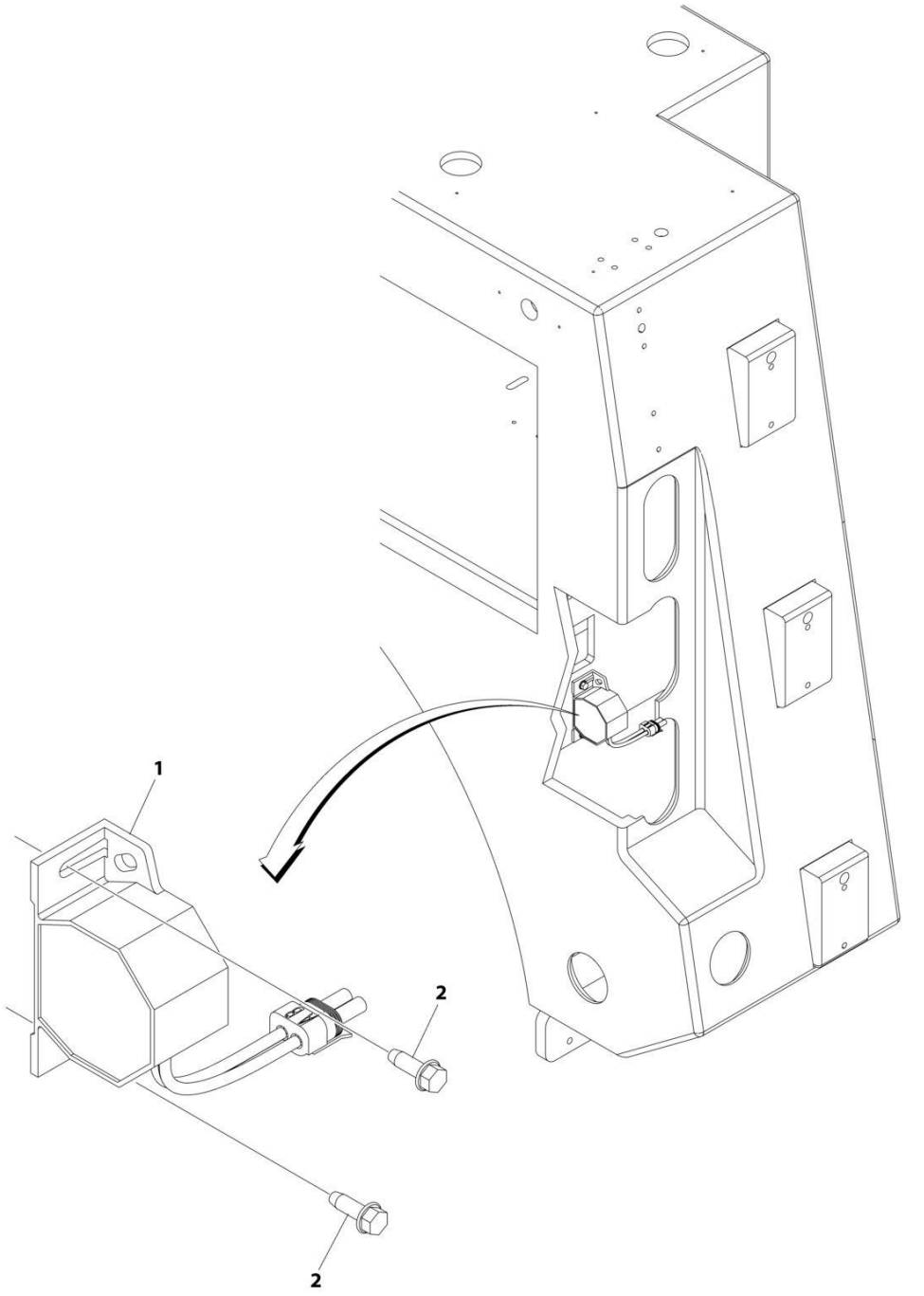


FIGURE 7-3. ALARM INSTALLATION - VARIABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001198729	Ref	Variable Back-Up Alarm Installation	B
1	1001175061	1	Alarm	
2	7790141251	2	Screw 1/4 x 3/4	

FIGURE 7-4. BATTERY RELOCATION HARDWARE AND WIRE INSTALLATION

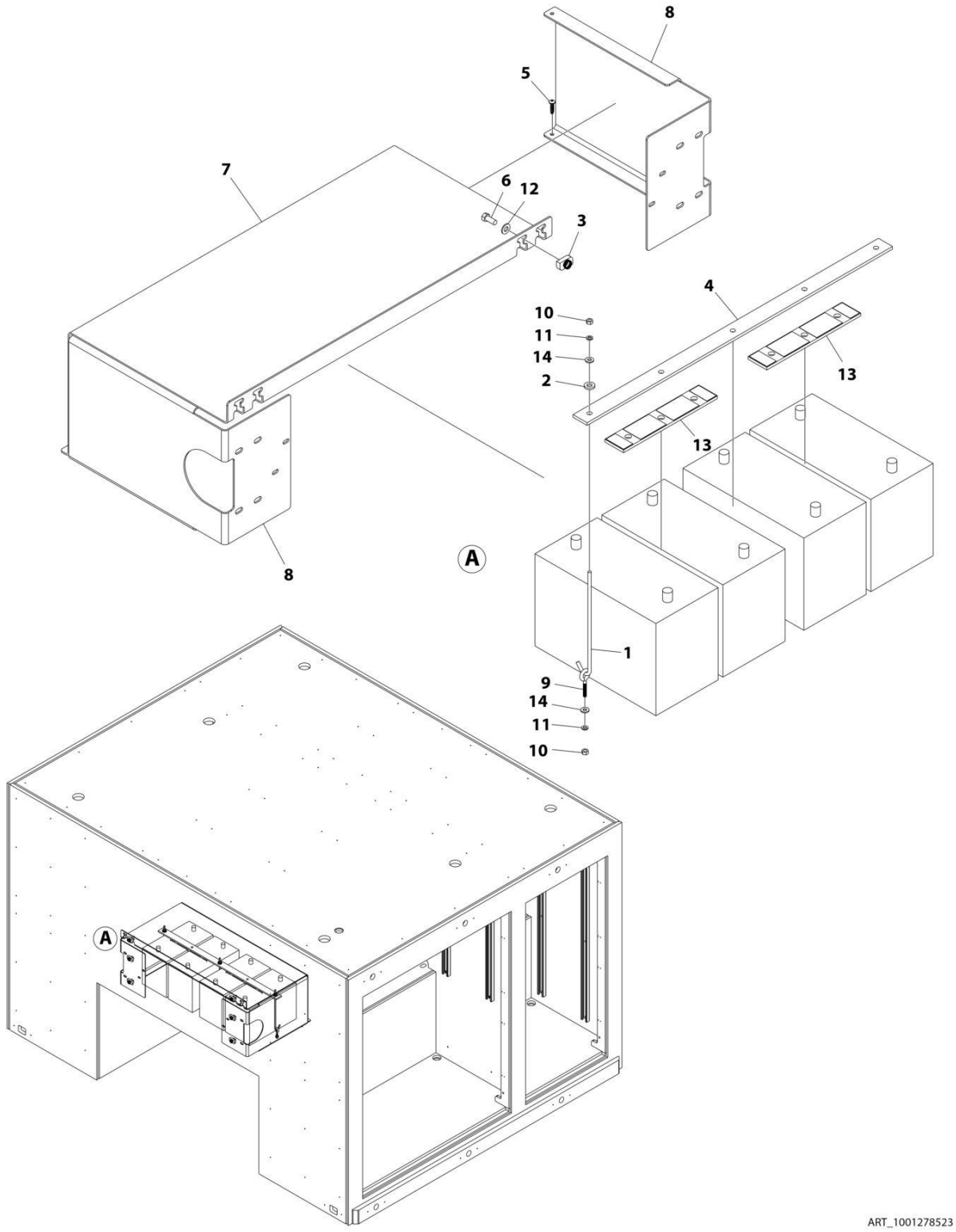


FIGURE 7-4. BATTERY RELOCATION HARDWARE AND WIRE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278523	Ref	BATTERY RELOCATION HARDWARE AND WIRE INSTALLATION	B
1	0630552	3	Bolt, Battery Hold Down	
2	4891600	3	Washer 3/8	
3	1001166644	6	Spring Nut 3/8	
4	1001183200	1	Bar, Battery Hold Down	
5	1001195523	2	Screw 1/4 x 1	
6	1001210454	6	Bolt 3/8 x 7/8	
7	1001274985	1	Panel	
8	1001274986	2	Panel	
9	1001278526	3	Eyebolt 1/4	
10	7660140001	6	Nut 1/4	
11	7950140000	6	Washer 1/4	
12	7950160143	6	Washer 3/8	
13	3340898	2	Pad	
14	7950140141	6	Washer 1/4	
15	1060706	8 ft	Cable (Not Shown)	
16	1001188538	8 ft	Cable (Not Shown)	
17	1001210960	4 ft	Wire (Not Shown)	
18	1001217996	2	Connector (Not Shown)	
19	7346000040	1	Tube (Not Shown)	
20	7346000131	8	Connector (Not Shown)	

FIGURE 7-5. BATTERY RELOCATION HARDWARE INSTALLATION

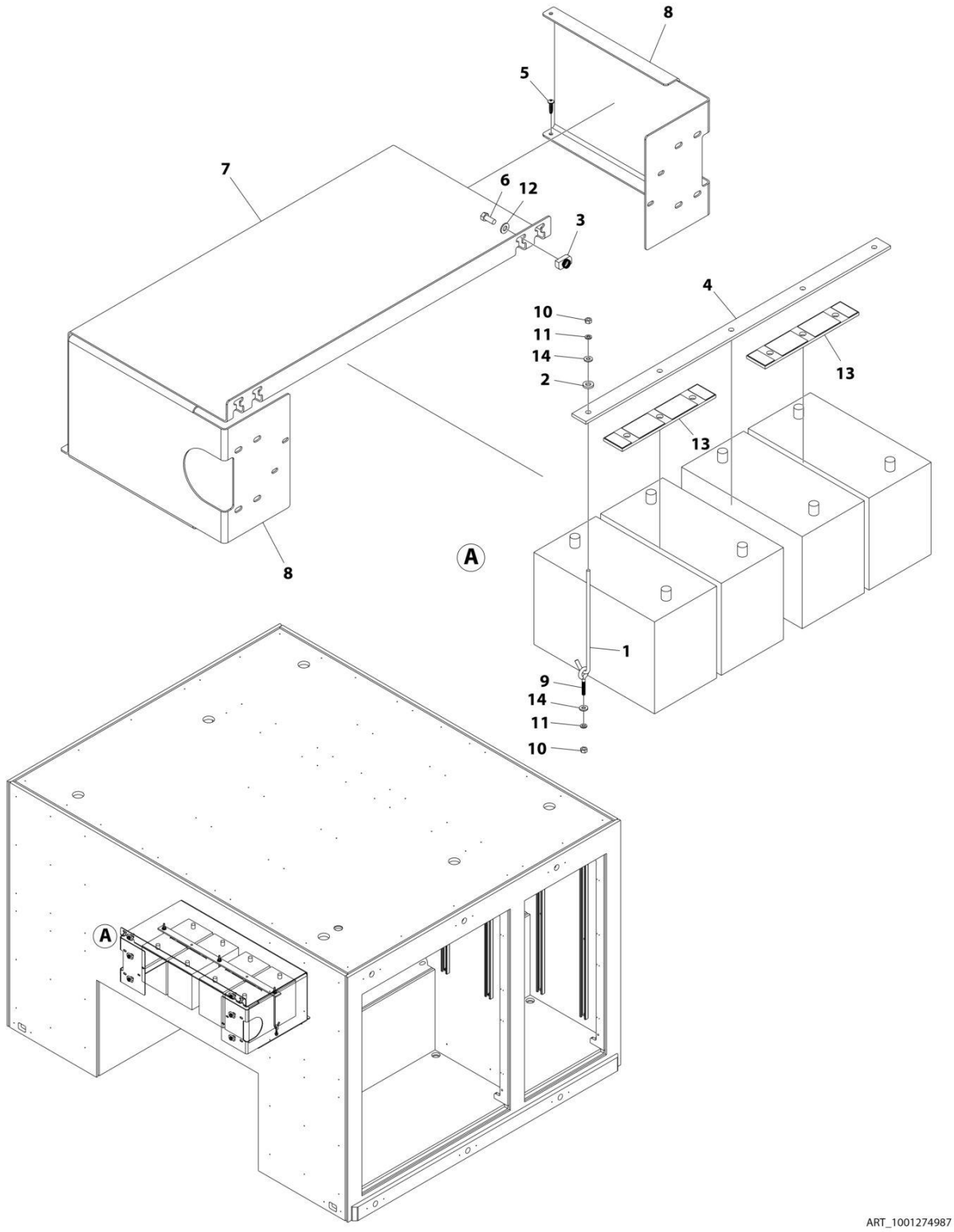


FIGURE 7-5. BATTERY RELOCATION HARDWARE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274987	Ref	BATTERY RELOCATION HARDWARE INSTALLATION	B
1	0630552	3	Bolt, Battery Hold Down	
2	4891600	3	Washer 3/8	
3	1001166644	6	Spring Nut 3/8	
4	1001183200	1	Bar, Battery Hold Down	
5	1001195523	2	Screw 1/4 x 1	
6	1001210454	6	Bolt 3/8 x 7/8	
7	1001274985	1	Panel	
8	1001274986	2	Panel	
9	1001278526	3	Eyebolt 1/4	
10	7660140001	6	Nut 1/4	
11	7950140000	6	Washer 1/4	
12	7950160143	6	Washer 3/8	
13	3340898	2	Pad	
14	7950140141	6	Washer 1/4	

FIGURE 7-6. BODY HARNESS - TANDEM (LH)

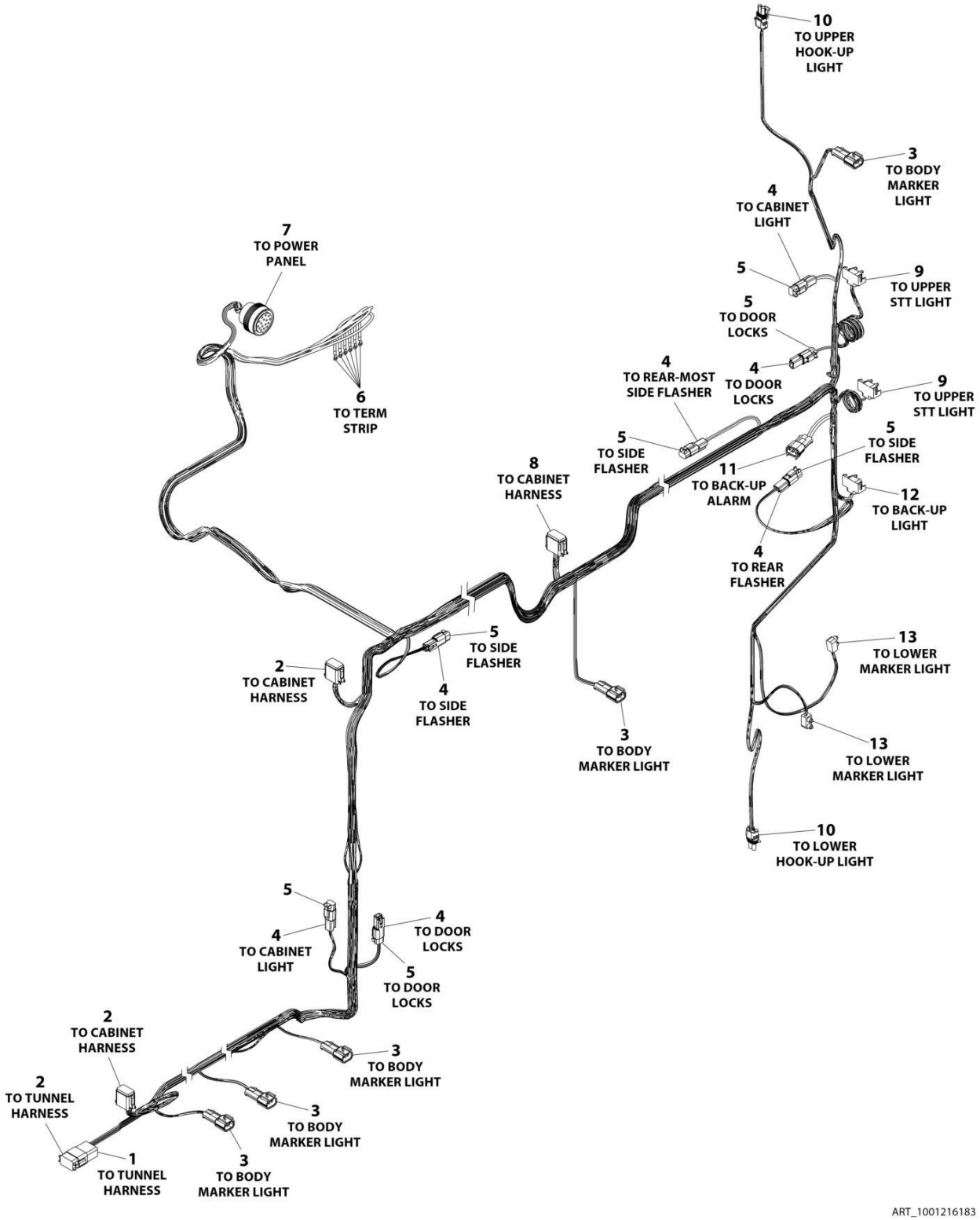


FIGURE 7-6. BODY HARNESS - TANDEM (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216183	Ref	BODY HARNESS (LH)	B
1	4460931	1	Receptacle, Female - 8 Position	
1	4460941	6	Pin, Male	
1	4460466	2	Plug, Terminal	
2	4460930	3	Plug, Male - 8 Position	
2	4460465	12	Socket, Female	
2	4460466	12	Plug, Terminal	
3	NPN	5	Connector - 2 Position	
3	NPN	10	Terminal	
3	4460458	10	Seal	
4	4460897	7	Receptacle, Female - 2 Position	
4	4460464	10	Pin, Male	
4	4460466	4	Plug, Terminal	
5	4460891	7	Plug, Male - 2 Position	
5	4460465	6	Socket, Female	
5	4460466	8	Plug, Terminal	
6	NPN	6	Terminal, Ring	
7	4461291	1	Connector - 16 Position	
7	4460509	10	Socket, Female	
7	4460466	6	Plug, Terminal	
8	4460933	1	Plug, Male - 12 Position	
8	4460465	10	Socket, Female	
8	4460466	2	Plug, Terminal	
9	NPN	2	Connector - 3 Position	
10	4460742	2	Plug, Male - 2 Position	
10	4460457	4	Socket, Female	
10	4460458	4	Seal	
11	4460867	1	Receptacle, Female - 2 Position	
11	4460475	2	Pin, Male	
11	4460458	2	Seal	
12	NPN	1	Connector - 2 Position	
13	NPN	2	Connector - 2 Position	

FIGURE 7-7. BODY HARNESS - TRI-AXLE (LH)

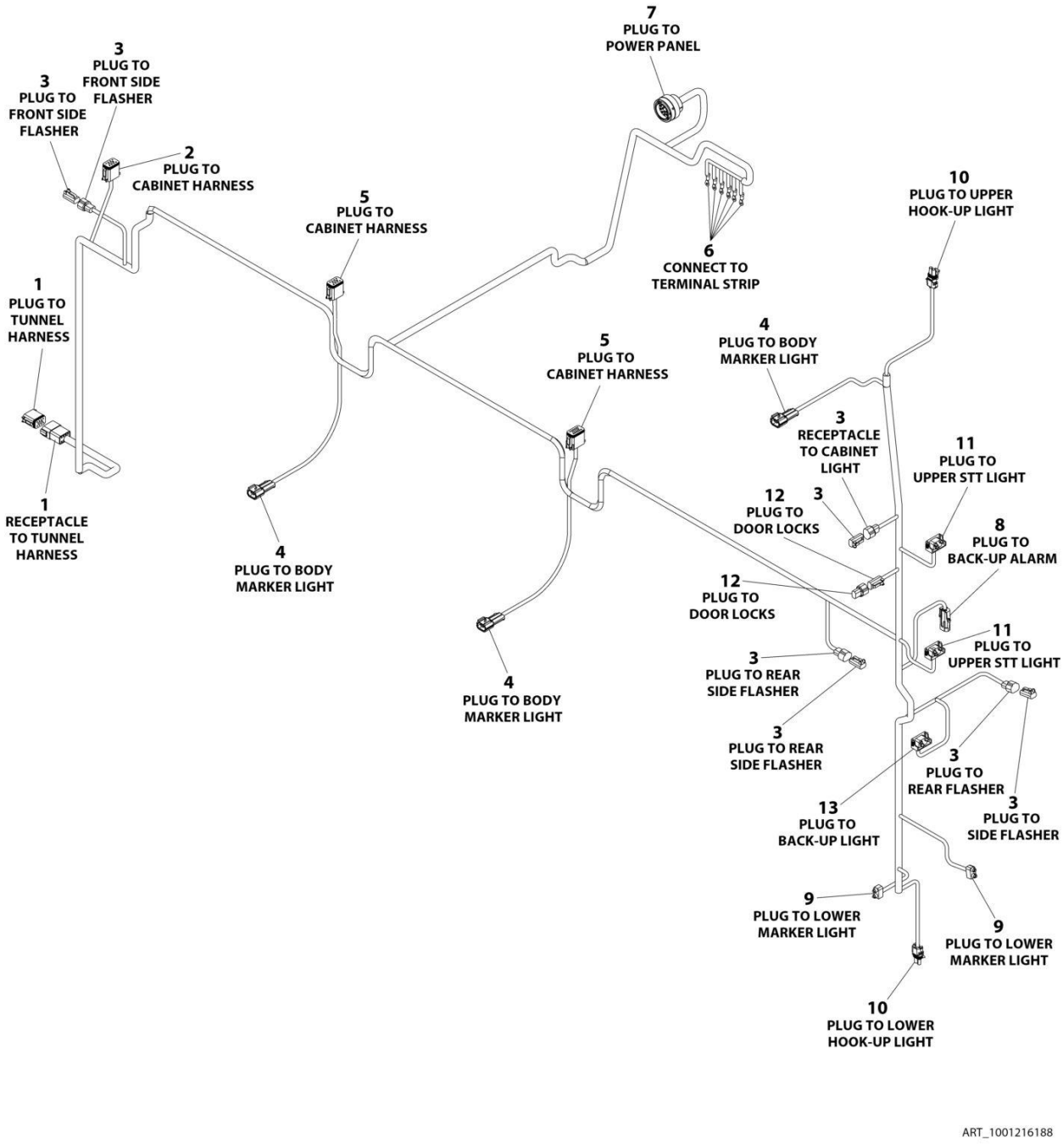


FIGURE 7-7. BODY HARNESS - TRI-AXLE (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216188	Ref	BODY HARNESS (LH) (TRI)	C
1	4460931	1	Connector	
1	80604024	1	Wedge, Locking	
1	4460941	6	Pin	
1	4460466	10	Plug	
1	4460930	1	Connector, Plug	
1	80604025	1	Wedge, Locking	
2	4460930	1	Connector	
2	80604025	1	Wedge, Locking	
2	4460465	6	Socket	
2	4460466	2	Plug	
3	4460897	4	Connector	
3	80604017	4	Wedge, Locking	
3	4460464	8	Pin	
3	4460891	4	Connector, Plug	
3	80604018	4	Wedge, Locking	
3	4460466	8	Plug	
4	1001117026	3	Connector	
4	NPN	3	Wedge, Locking	
4	1001116745	6	Socket	
4	4460458	6	Seal	
5	4460933	2	Connector	
5	80604016	2	Wedge, Locking	
5	4460465	20	Socket	
5	4460466	4	Plug	
6	NPN	6	Ring, Terminal	
7	4461291	1	Connector	
7	4460509	10	Socket	
7	4460466	6	Plug	
8	4461157	1	Connector	
8	NPN	2	Seal	
8	4460475	2	Pin	
9	1001275791	2	Lead Harness	
10	4460742	2	Connector	
10	NPN	4	Seal	
10	4460457	4	Pin	
11	1001275793	2	Lead Harness	
12	4460891	1	Connector	
12	80604018	1	Wedge, Locking	
12	4460465	2	Socket	
12	4460897	1	Connector, Plug	
12	80604017	1	Wedge, Locking	
12	4460466	2	Plug	
13	1001275792	1	Lead Harness	

FIGURE 7-8. BODY HARNESS - TANDEM (RH)

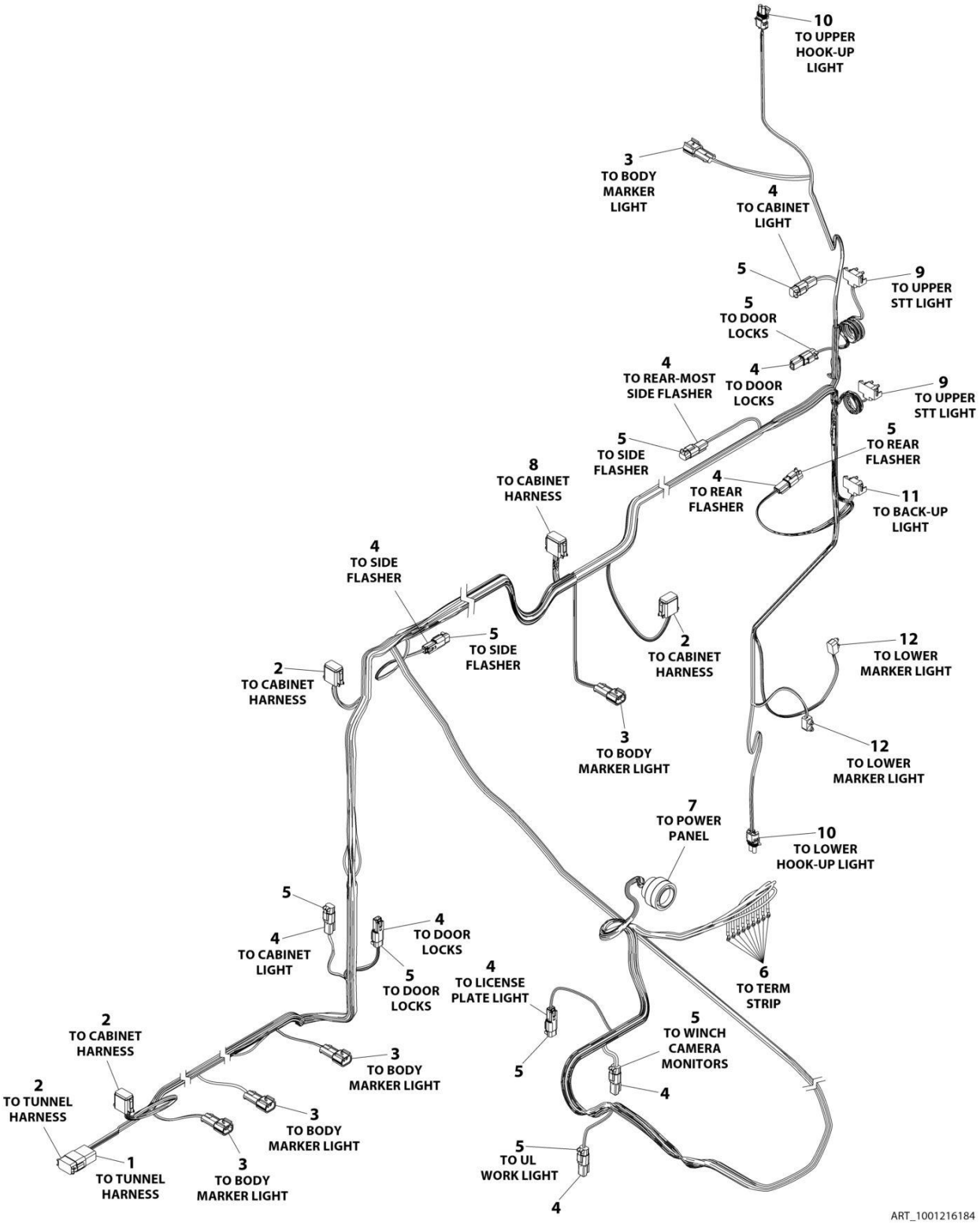


FIGURE 7-8. BODY HARNESS - TANDEM (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216184	Ref	BODY HARNESS (RH)	B
1	4460931	1	Receptacle, Female - 8 Position	
1	4460941	6	Pin, Male	
1	4460466	2	Plug, Terminal	
2	4460930	4	Plug, Male - 8 Position	
2	4460465	22	Socket, Female	
2	4460466	10	Plug, Terminal	
3	NPN	5	Connector - 2 Position	
3	NPN	10	Terminal	
3	4460458	10	Seal	
4	4460897	10	Receptacle, Female - 2 Position	
4	4460464	12	Pin, Male	
4	4460466	8	Plug, Terminal	
5	4460891	10	Plug, Male - 2 Position	
5	4460465	8	Socket, Female	
5	4460466	12	Plug, Terminal	
6	NPN	9	Terminal, Ring	
7	NPN	1	Connector - 21 Position	
7	4460509	14	Socket, Female	
7	4460466	7	Plug, Terminal	
8	4460933	1	Plug, Male - 12 Position	
8	4460465	10	Socket, Female	
8	4460466	2	Plug, Terminal	
9	NPN	2	Connector - 3 Position	
10	4460742	2	Plug, Male - 2 Position	
10	4460457	4	Socket, Female	
10	4460458	4	Seal	
11	NPN	1	Connector - 2 Position	
12	NPN	2	Connector - 2 Position	

FIGURE 7-9. BODY HARNESS - TRI-AXLE (RH)

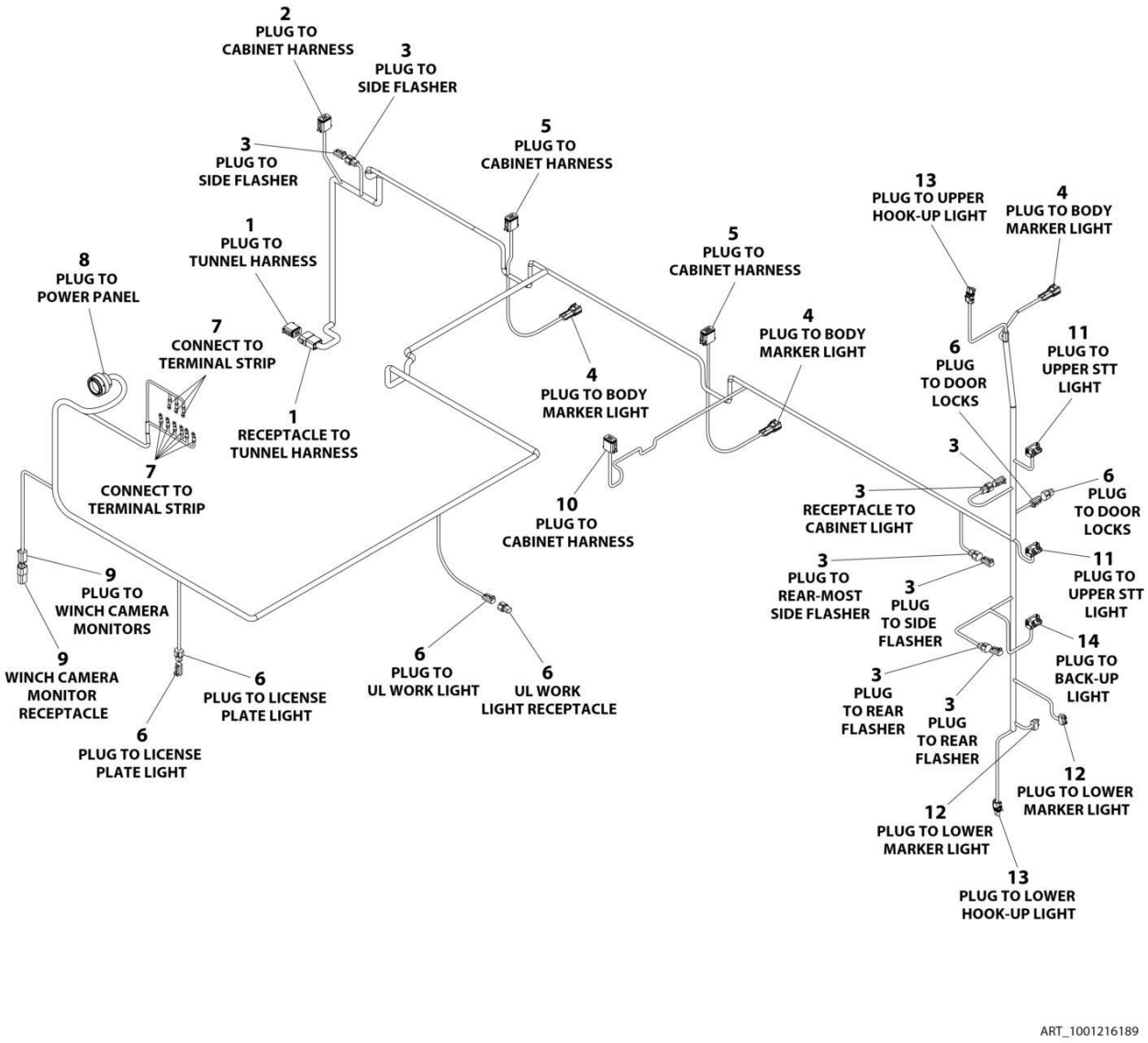


FIGURE 7-9. BODY HARNESS - TRI-AXLE (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216189	Ref	BODY HARNESS (RH) (TRI)	A
1	4460931	1	Connector	
1	80604024	1	Wedge, Locking	
1	4460941	6	Pin	
2	4460930	1	Connector	
2	80604025	1	Wedge, Locking	
2	4460465	6	Socket	
2	4460466	2	Plug	
3	4460897	4	Connector	
3	80604017	4	Wedge, Locking	
3	4460464	8	Pin	
3	4460891	4	Connector, Plug	
3	80604018	4	Wedge, Locking	
3	4460466	8	Plug	
4	1001117026	3	Connector	
4	NPN	3	Wedge, Locking	
4	1001116745	6	Socket	
4	4460458	6	Seal	
5	4460933	2	Connector	
5	80604016	2	Wedge, Locking	
5	4460465	20	Socket	
5	4460466	4	Plug	
6	4460891	3	Connector	
6	80604018	3	Wedge, Locking	
6	4460465	6	Socket	
6	NPN	3	Connector, Plug	
7	NPN	9	Ring, Terminal	
8	1001263754	1	Connector	
8	4460509	3	Socket (12 AWG)	
8	4460942	8	Socket (14 AWG)	
8	4460465	3	Socket (16 AWG)	
8	4460466	7	Plug	
9	4460884	1	Connector	
9	80604021	1	Wedge, Locking	
9	4460465	4	Socket	
9	NPN	1	Connector, Plug	
10	4460930	1	Connector	
10	80604025	1	Wedge, Locking	
10	4460942	4	Socket	
10	4460466	4	Plug	
11	1001275793	2	Lead Harness	
12	1001275791	2	Lead Harness	
13	4460742	2	Connector	
13	NPN	4	Seal	
13	4460457	4	Pin	
14	1001275792	1	Lead Harness	

FIGURE 7-10. ELECTRICAL INSTALLATION - TRI-AXLE

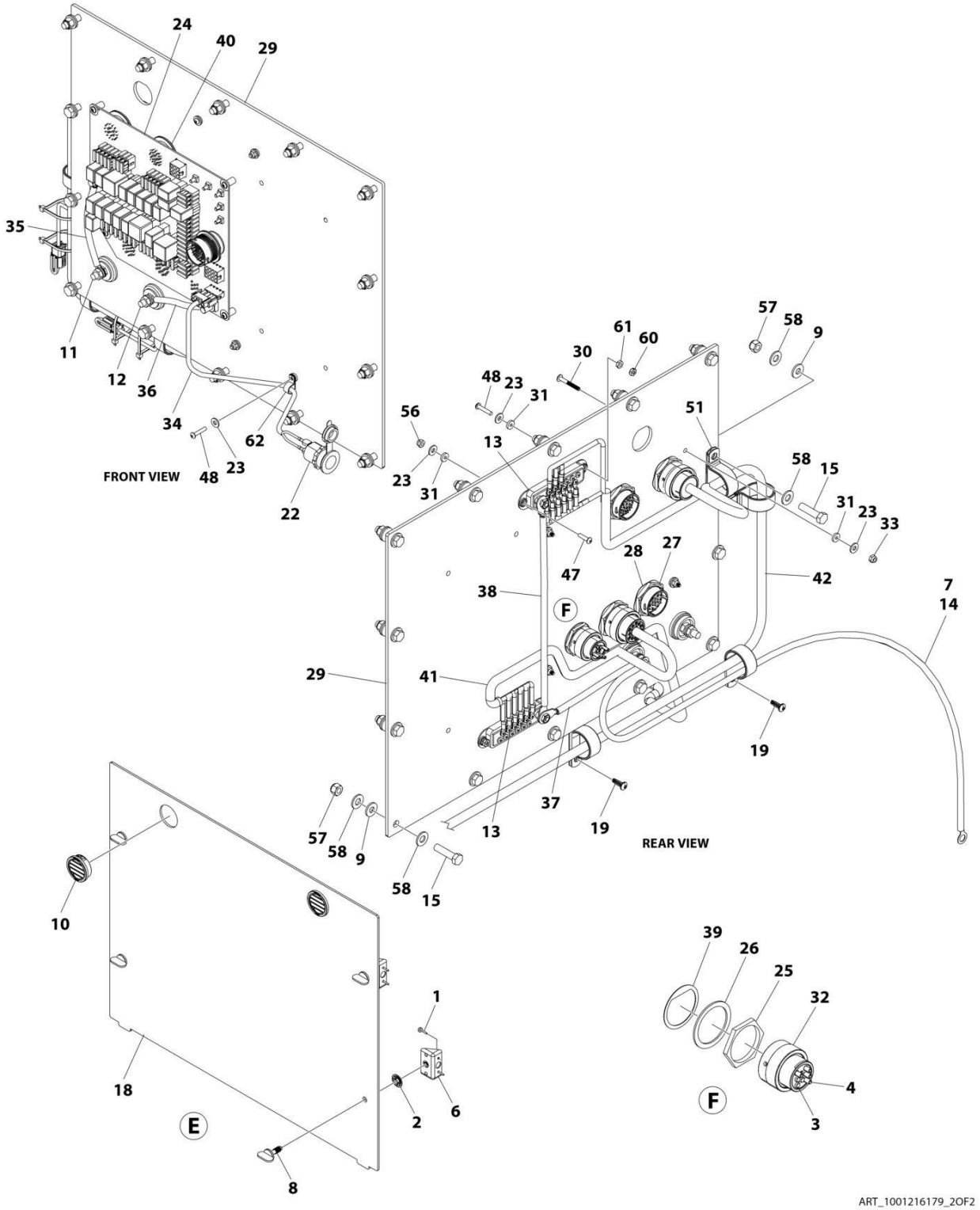


FIGURE 7-10. ELECTRICAL INSTALLATION - TRI-AXLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216179	Ref	BODY LIGHTS AND WIRING (TRI)	D
1	0750604	8	Screw	
2	3760308	4	Ring, Retainer	
3	4460466	3	Terminal	
4	4460509	4	Terminal	
5	4740513	2	Washer 1/4	
6	1001122235	4	Bracket	
7	1001130310	AR	Adhesive	
8	1001166930	4	Latch, Wing Screw	
9	1001166974	14	Washer 3/8	
10	1001167607	2	Plug	
11	1001168320	1	Terminal	
12	1001168321	1	Terminal	
13	1001168322	2	Terminal	
14	1001168328	1	Cable	
15	1001168993	14	Capscrew 3/8 x 1-1/2	
16	1001174680	2	Lamp, Backup LED	
17	7590000370	4	Light	
18	1001191602	1	Panel, Coverplate	
19	1001194676	2	Screw 1/4 x 3/4	
20	1001195257	69	Screw 1/4 x 1/2	
21	1001196552	24	Screw #8 x 3/4	
22	1001201384	1	Socket	
23	1001201926	8	Washer #10	
24	1001203234	1	Power PCB Assembly	
25	1001204788	1	Nut, Terminal	
26	1001204789	1	Washer, Terminal	
27	1001205043	4	Nut, Terminal	
28	1001205044	4	Washer, Terminal	
29	1001206505	1	Plate, Bulkhead Electrical	
30	1001207734	4	Screw	
31	1001207736	8	Washer #10	
32	1001208066	1	Connector, 8 Socket	
33	1001208303	4	Nut #10	
34	1001209031	1	Harness, Tow Light (See Separate Breakdown in this Section)	
35	1001209040	1	Cable	
36	1001209041	1	Cable	
37	1001209042	1	Cable	
38	1001209044	1	Harness, Battery to Bulkhead	
39	1001209365	1	Seal	
40	1001209366	4	Seal	
41	1001216188	1	Harness, Body (LH) (Tri) (See Separate Breakdown in this Section)	
42	1001216189	1	Harness, Body (RH) (Tri) (See Separate Breakdown in this Section)	
43	1001216190	2	Harness, Marker Light 1 (Tri) (See Separate Breakdown in this Section)	
44	1001216191	2	Harness, Marker Light 2 (Tri) (See Separate Breakdown in this Section)	
45	1001216187	2	Harness, Marker Light 3 (See Separate Breakdown in this Section)	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	5526000553	AR	Tie-Strap (Not Shown)	
47	7114100618	2	Screw #10 x 3/4	
48	7114100818	2	Screw #10 x 1	
51	7274000042	4	Clamp	
52	7280000006	68	Clip	
53	7493000026	6	Grommet	
55	7590000343	4	Light	
56	7660102601	2	Nut #10	
57	7660162601	14	Nut 3/8	
58	7950160143	28	Washer 3/8	
59	1001220431	4	Grommet	
60	7661000002	2	Nut #10	
61	3311001	2	Nut #10	
62	7274000036	1	Clamp	

FIGURE 7-11. CAMERA INSTALLATION - CABINET MOUNTED BACK - UP

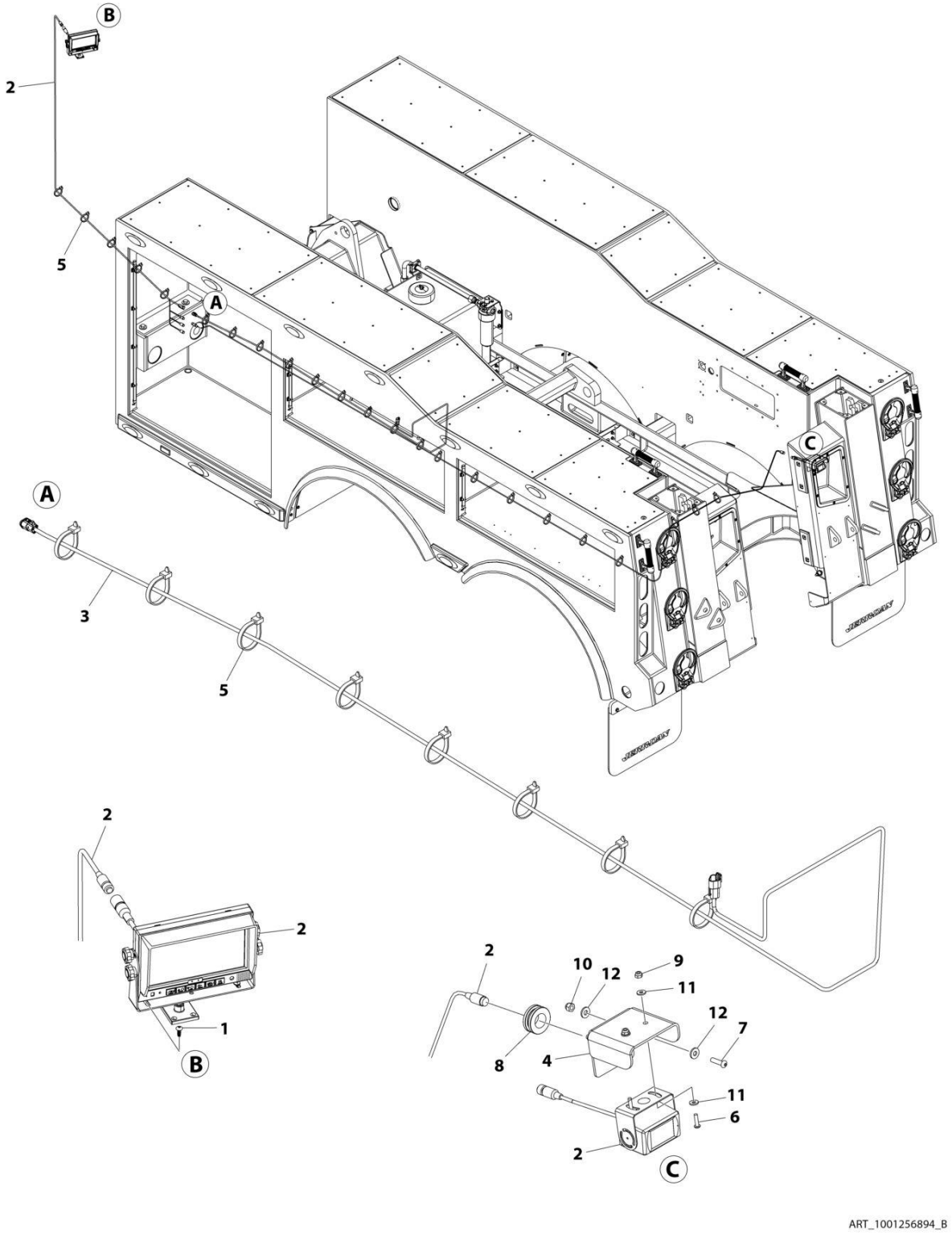


FIGURE 7-11. CAMERA INSTALLATION - CABINET MOUNTED BACK - UP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256894	Ref	BACK-UP CAMERA INSTALLATION	B
1	1001192958	2	Screw #10 x 1/2	
2	1001219309	1	Accessory Back-Up Camera, Kit	
3	1001215151	1	Harness, Back-Up Camera Monitor (See Separate Breakdown in ELECTRICAL Section)	
4	1001250843	1	Bracket	
5	5526000553	30	Tie-Strap	
6	7114100618	2	Screw #10 x 3/4	
7	7114140818	2	Capscrew 1/4 x 1	
8	7493000003	1	Grommet	
9	7660102601	2	Nut #10	
10	7660142601	2	Nut 1/4	
11	7950100143	4	Washer 3/16	
12	7950140143	4	Washer 1/4	

FIGURE 7-12. CAMERA INSTALLATION - CABINET MOUNTED BACK - UP (PACCAR)

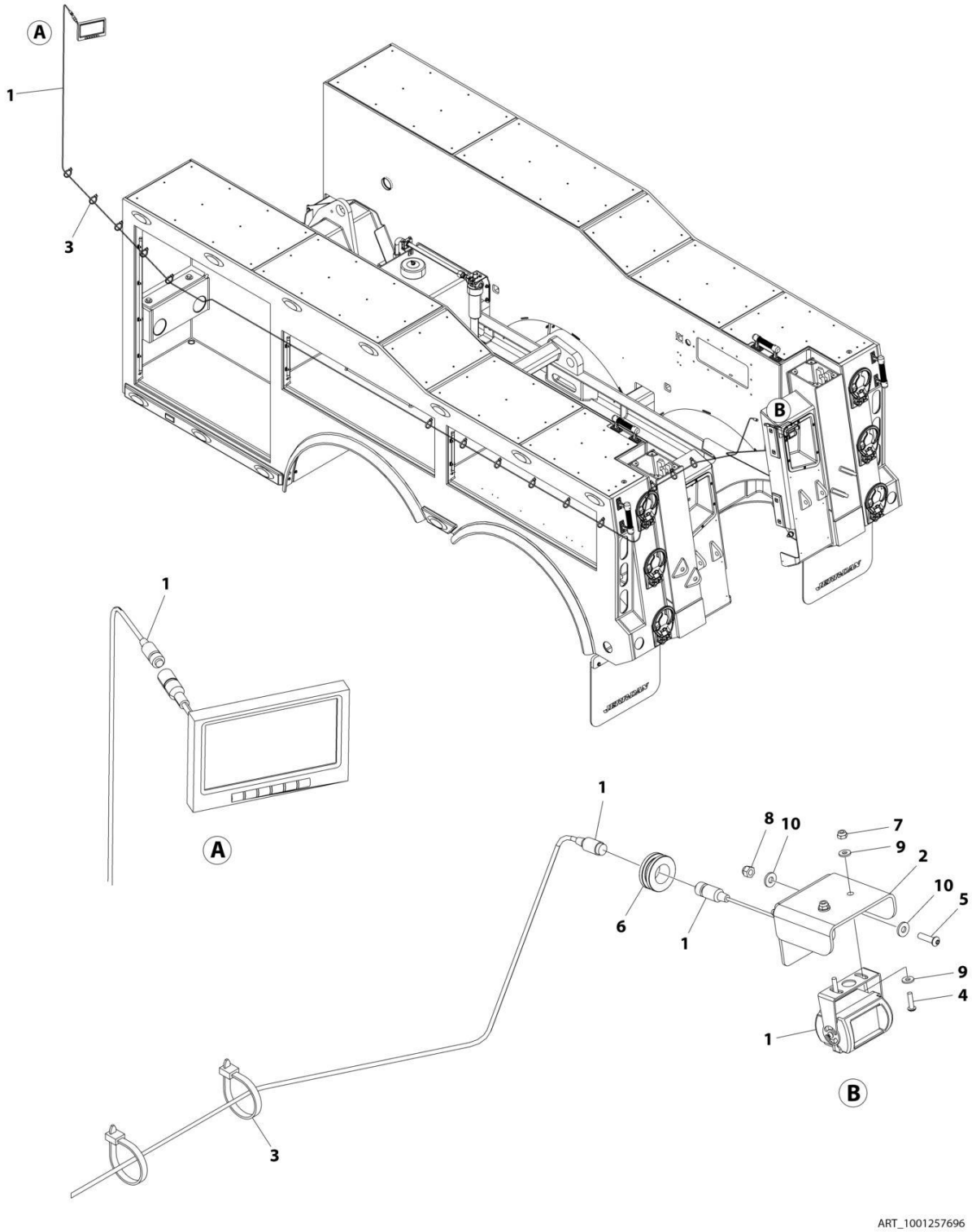


FIGURE 7-12. CAMERA INSTALLATION - CABINET MOUNTED BACK - UP (PACCAR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257696	Ref	Back-Up Camera Paccar Installation	A
1	1001204558	1	Accessory Back-Up Camera, Kit	
2	1001250843	1	Bracket	
3	5526000553	30	Tie Strap	
4	7114100618	2	Screw #10 x 3/4	
5	7114140818	2	Capscrew 1/4 x 1	
6	7493000003	1	Grommet	
7	7660102601	2	Nut #10	
8	7660142601	2	Nut 1/4	
9	7950100143	4	Washer 3/16	
10	7950140143	4	Washer 1/4	

FIGURE 7-13. CAMERA INSTALLATION - CABINET MOUNTED ONLY

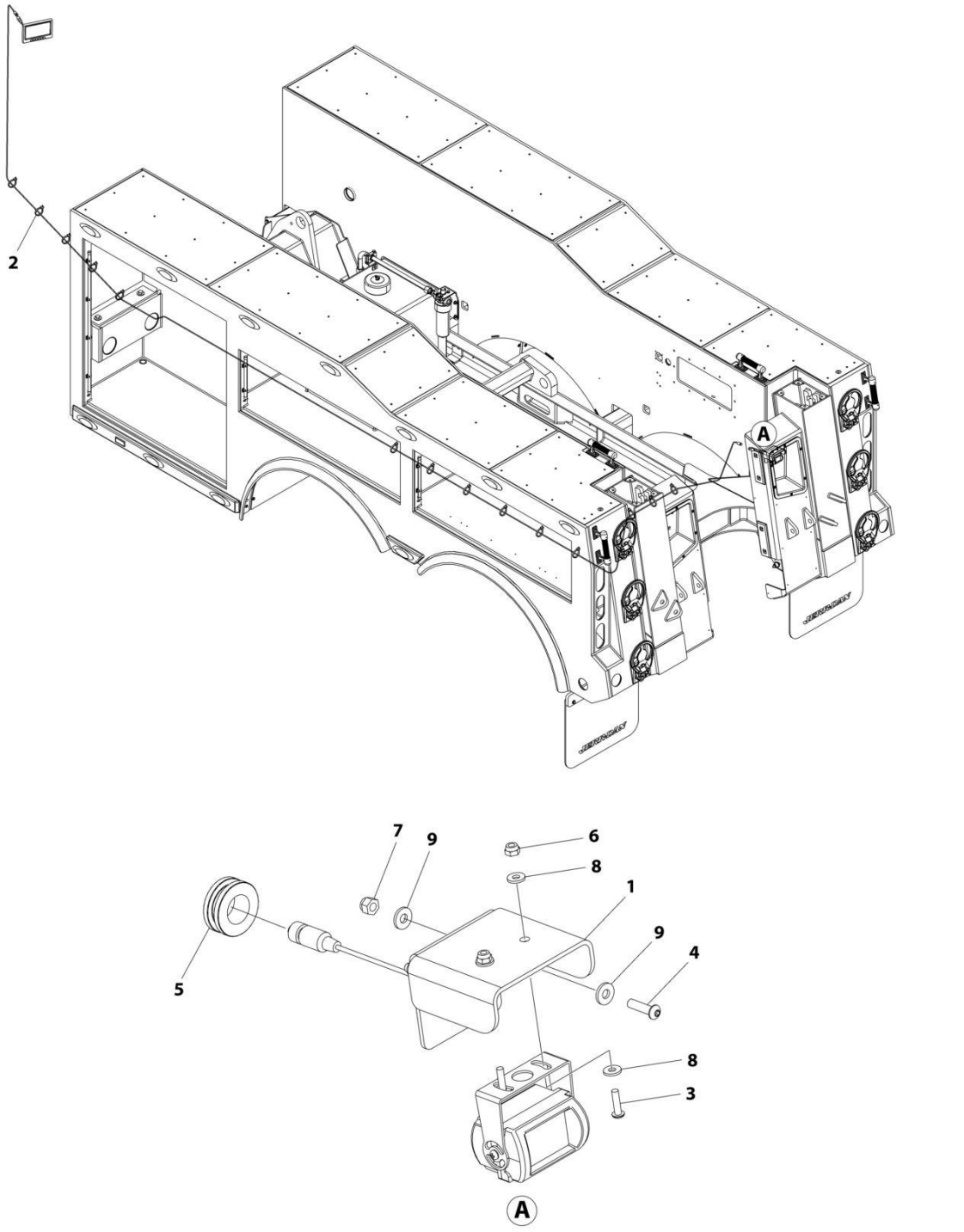


FIGURE 7-13. CAMERA INSTALLATION - CABINET MOUNTED ONLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257762	Ref	Back-Up Camera Mount Installation	A
1	1001250843	1	Bracket	
2	5526000553	1	Tie Strap	
3	7114100618	2	Screw #10 x 3/4	
4	7114140818	2	Capscrew 1/4 x 1	
5	7493000003	1	Grommet	
6	7660102601	2	Nut #10	
7	7660142601	2	Nut #10	
8	7950100143	4	Washer 3/16	
9	7950140143	4	Washer 1/4	

FIGURE 7-14. CAMERA INSTALLATION - UNDERLIFT MOUNTED

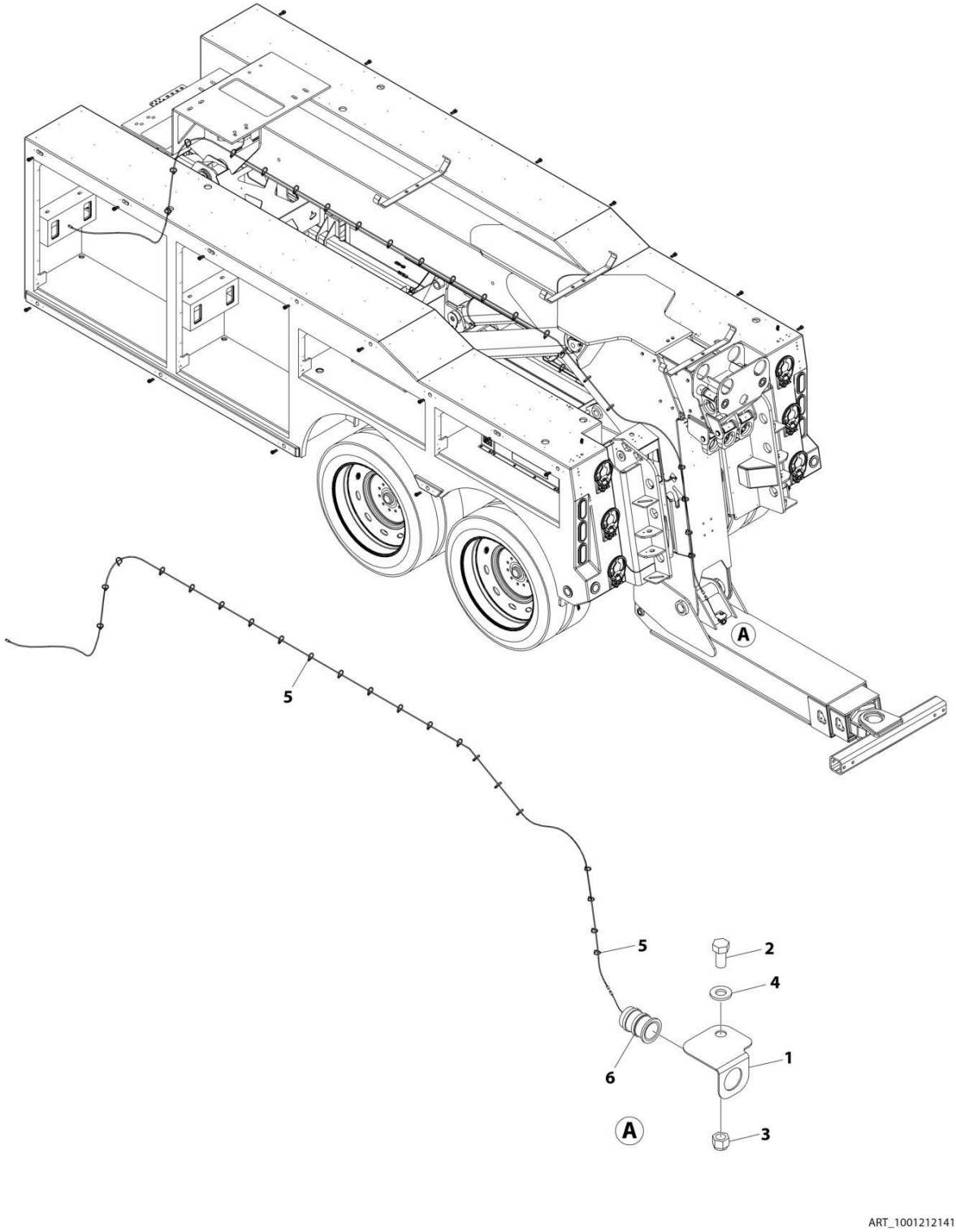


FIGURE 7-14. CAMERA INSTALLATION - UNDERLIFT MOUNTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212141	Ref	Underlift Camera Installation	B
1	4178000889	1	Bracket **(SN 0230005220 through 0230009593)**	
1	1001164102	1	Bracket **(SN 0230009594 to Present)**	
2	7115180850	1	Capscrew 1/2 x 1	
3	7660182601	1	Nut 1/2	
4	7950100143	1	Washer 3/16	
5	5526000553	21	Tie Strap	
6	7002000555	1	Kit, Camera (Back-up) **(SN 0230005220 through 0230009593)**	
6	1001273598	1	Kit, Camera (Back-up) **(SN 0230009594 to Present)**	

FIGURE 7-15. CAMERA INSTALLATION - UNDERLIFT MOUNTED (PACCAR)

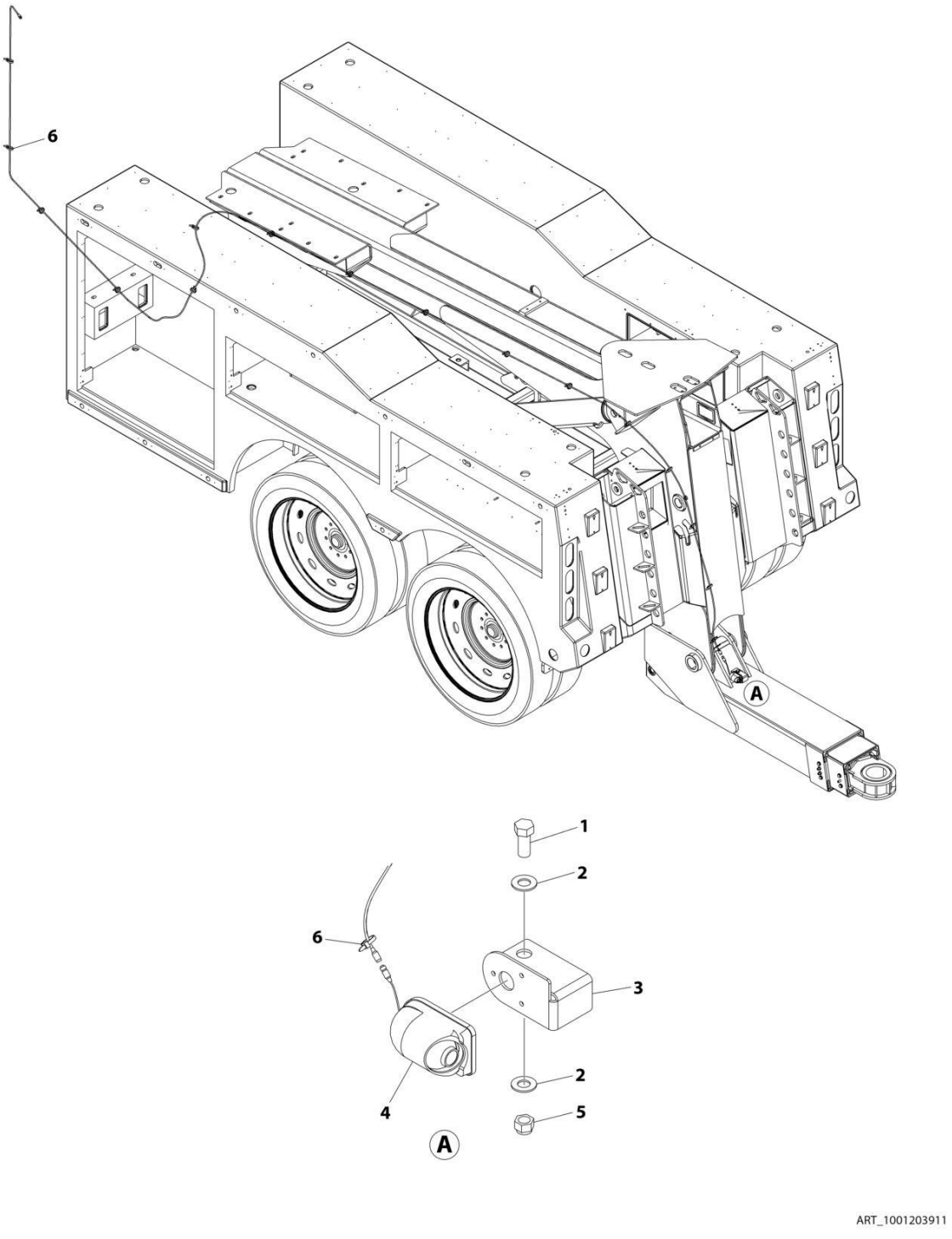


FIGURE 7-15. CAMERA INSTALLATION - UNDERLIFT MOUNTED (PACCAR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203911	Ref	Underlift Camera Paccar Installation	A
1	0641708	1	Capscrew 7/16 x 1	
2	4711700	2	Washer 7/16	
3	1001164102	1	Bracket	
4	1001204595	1	Kit, Camera (Underlift) (Paccar)	
5	7660172601	1	Nut 7/16	
6	7854000004	30	Tie Strap	

FIGURE 7-16. CAMERA INSTALLATION - UNDERLIFT MOUNT ONLY

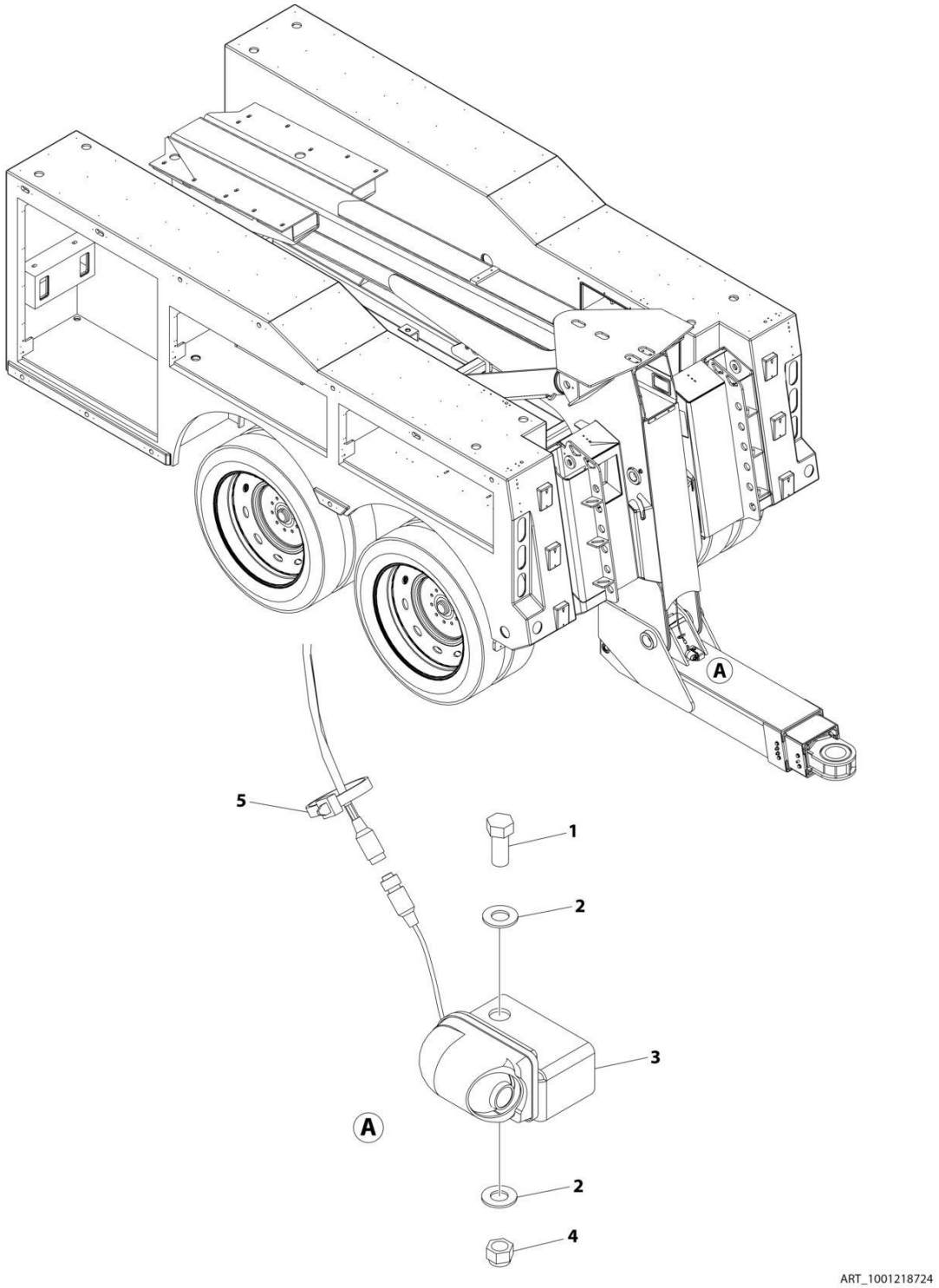


FIGURE 7-16. CAMERA INSTALLATION - UNDERLIFT MOUNT ONLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001218724	Ref	Underlift Camera Installation - Brackets	A
1	0641708	1	Capscrew 7/16 x 1	
2	4711700	2	Washer 7/16	
3	1001164102	1	Bracket, Underlift Camera Mount	
4	7660172601	1	Nut 7/16	
5	5526000553	40	Tie Strap	

FIGURE 7-17. CAMERA INSTALLATION - WINCH MOUNTED

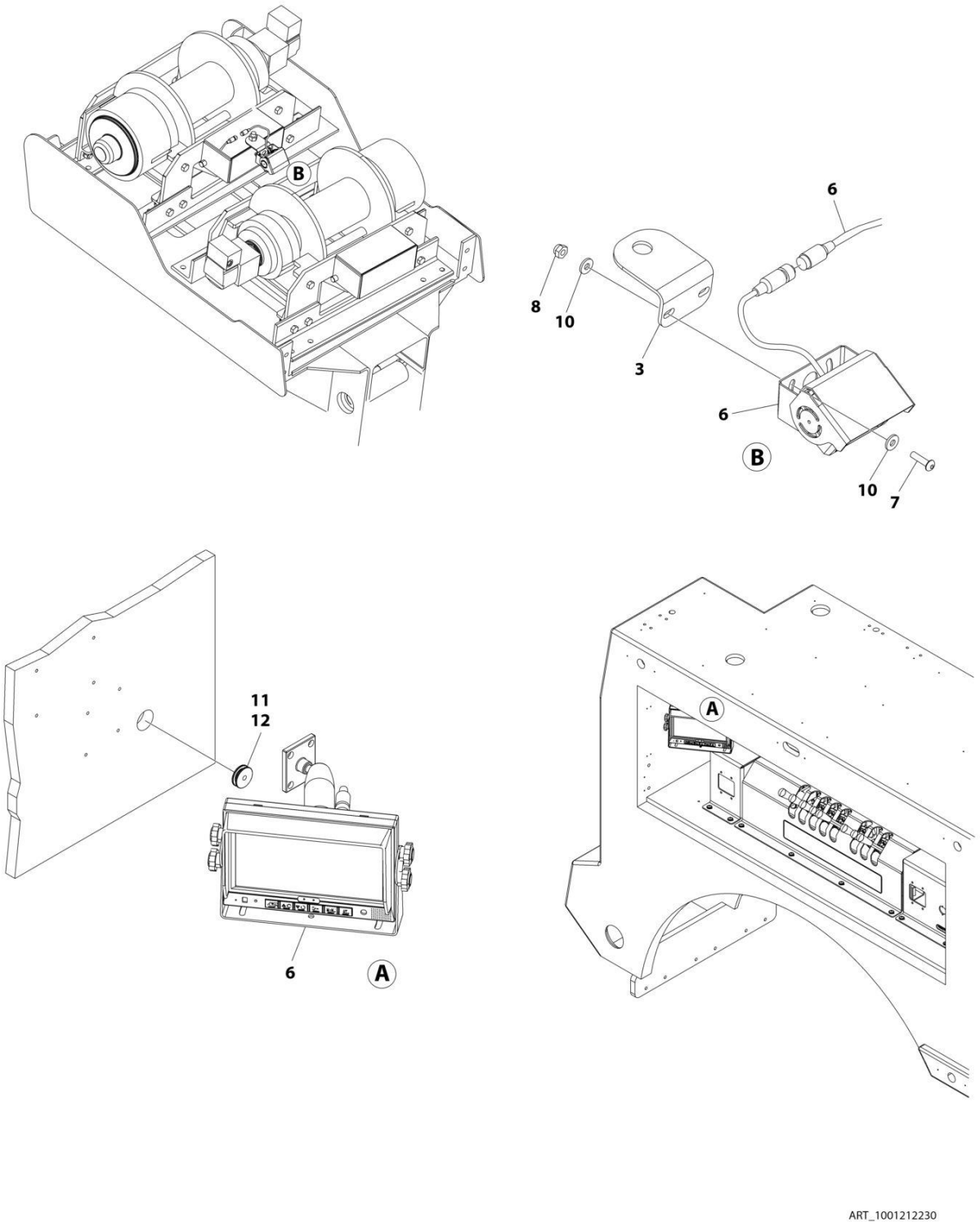


FIGURE 7-17. CAMERA INSTALLATION - WINCH MOUNTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212230	Ref	CAMERA REAR WINCH PS W/CTRL MON, DP INSTALLATION	C
1	1001126973	1	Plate **(SN 0230005220 through 0230009593)**	
2	1001126987	1	Plate **(SN 0230005220 through 0230009593)**	
3	1001126995	1	Plate **(SN 0230005220 through 0230009593)**	
3	1001273756	1	Bracket **(SN 0230009594 to Present)**	
4	1001192958	4	Screw #10 x 1/2 **(SN 0230005220 through 0230009593)**	
5	1001209036	1	Harness (Not shown)	
5	4460891	2	Plug, Male - 2 Position (at Winch Motor)	
5	4460465	4	Socket, Male (at Winch Motor)	
5	4460897	2	Receptacle, Female - 2 Position (at Winch Motor)	
5	4460464	4	Pin, Male (at Winch Motor)	
5	4460932	1	Receptacle, Female - 4 Position (to Power)	
5	4460464	4	Pin, Male (to Power)	
6	7002000554	1	Kit, Camera (Winch)	
6	1001219309	1	Kit, Camera (Winch) **(SN 0230005220 through 0230009593)**	
7	7114140618	6	Screw 1/4 x 3/4 **(SN 0230009594 to Present)**	
8	7660142600	6	Nut 1/4	
9	7894000004	30	Tie Strap (Not shown)	
10	7950140143	8	Washer 3/16	
11	7493000020	1	Grommet	
12	8798820001	AR	Sealant	

FIGURE 7-18. CAMERA INSTALLATION - WINCH MOUNTED (RAMSEY)

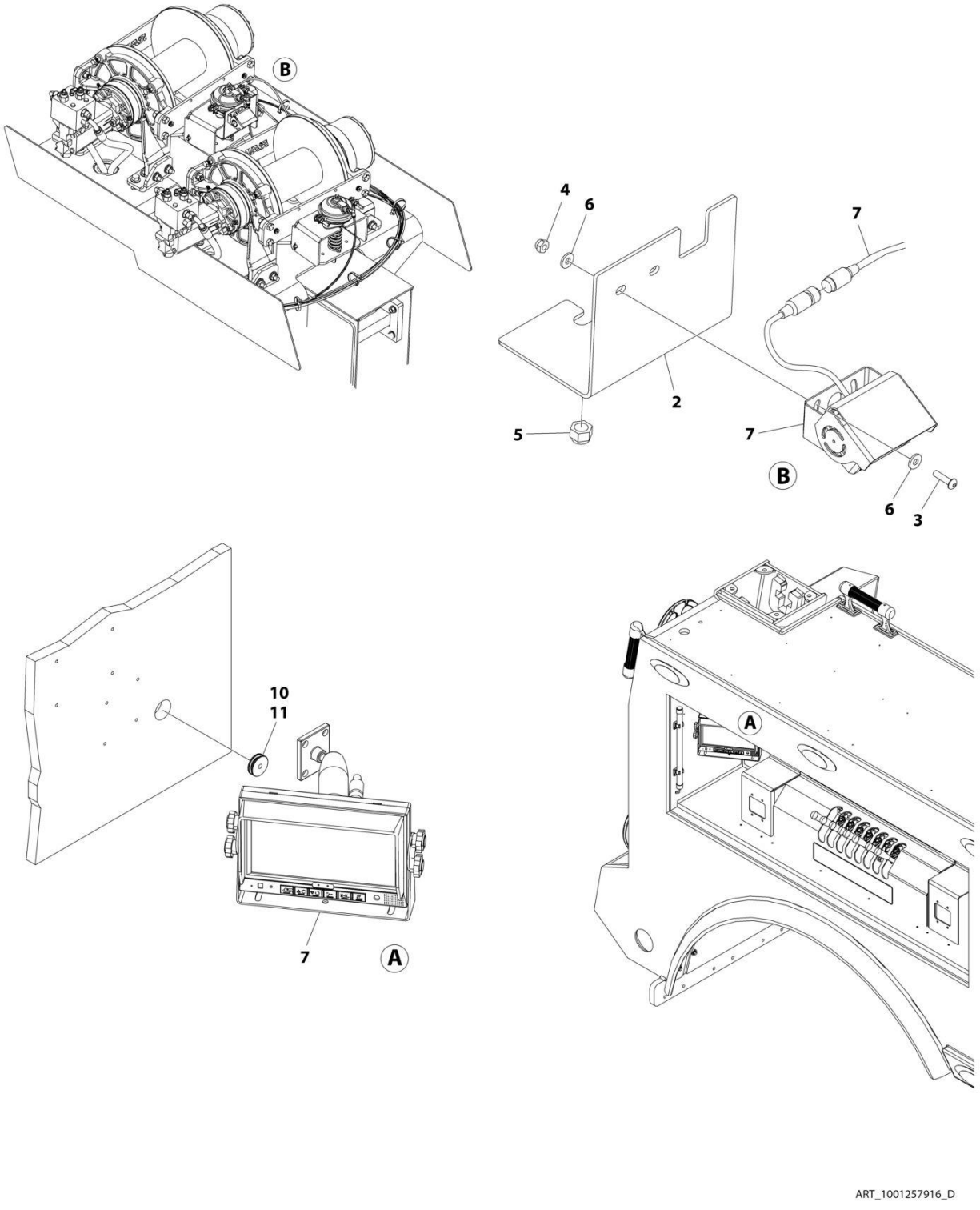


FIGURE 7-18. CAMERA INSTALLATION - WINCH MOUNTED (RAMSEY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257916	Ref	CAMERA REAR WINCH PS W/ CTRL RAMSEY	D
2	1001257872	1	Bracket	
3	7114100618	2	Screw #10 x 3/4	
4	7660102601	2	Nut #10	
5	7660172601	2	Nut 7/16	
6	7950100143	4	Washer 3/16	
7	1001219309	1	Accessory Back-Up Camera, Kit	
8	1001209036	1	Harness, Winch Monitor (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
9	7894000004	6	Tie-Strap (Not shown)	
10	7493000020	1	Grommet	
11	8798820001	AR	Sealant	

FIGURE 7-19. CAMERA INSTALLATION - CONTROLS MOUNTED (DRIVERS SIDE).

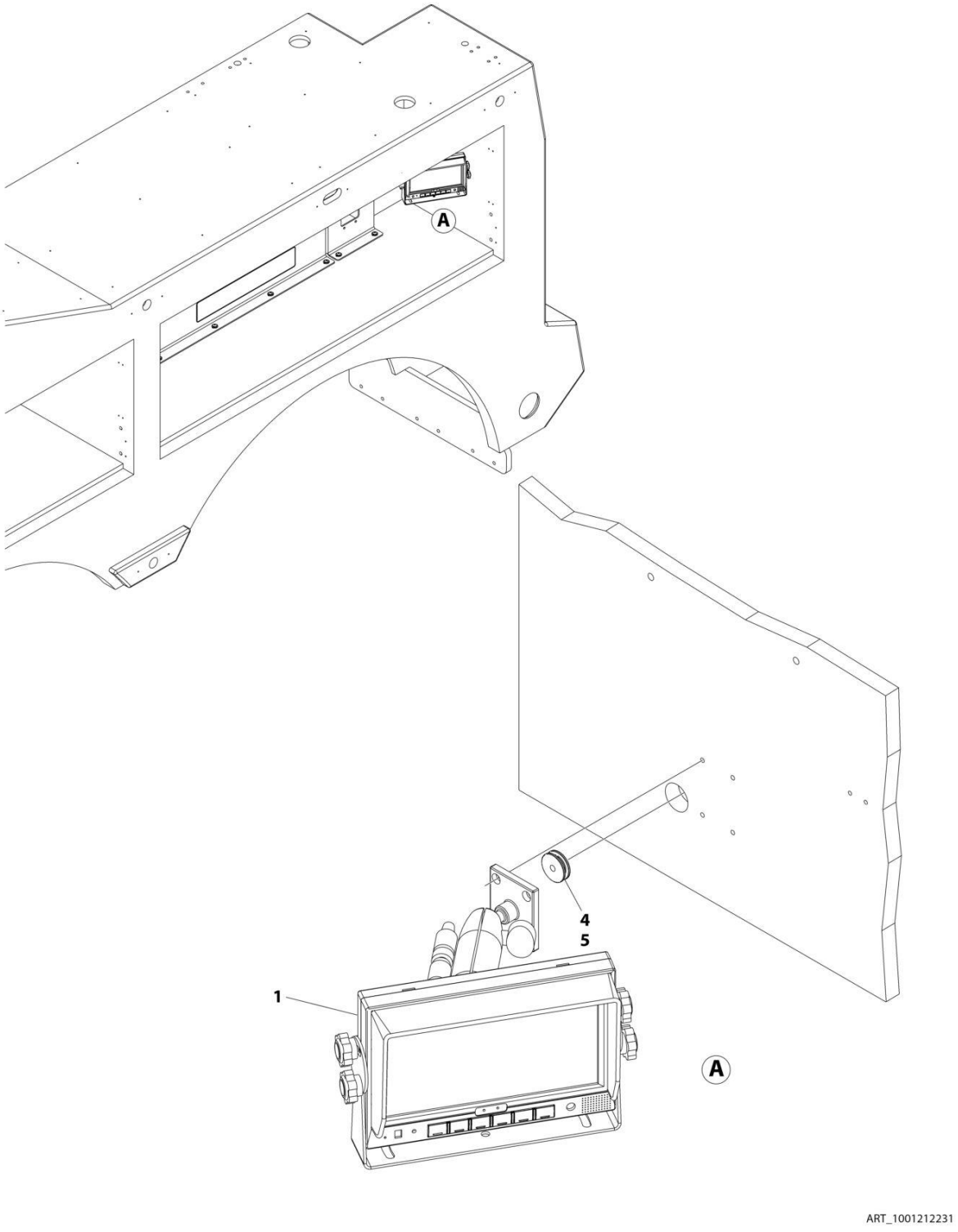


FIGURE 7-19. CAMERA INSTALLATION - CONTROLS MOUNTED (DRIVERS SIDE).

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212231	Ref	CAMERA REAR WINCH DS INSTALLATION	C
1	1001126658	1	Kit, Camera (Winch) **(SN 0230005220 through 0230009593)**	
1	1001273599	1	Kit, Camera (Winch) **(SN 0230009594 to Present)**	
2	1001192958	4	Screw #10 x 1/2 **(SN 0230005220 through 0230009593)**	
3	7894000004	15	Tie Strap (Not shown)	
4	7493000020	1	Grommet	
5	8798820001	AR	Sealant	

FIGURE 7-20. CAMERA HARNESS - BACK-UP

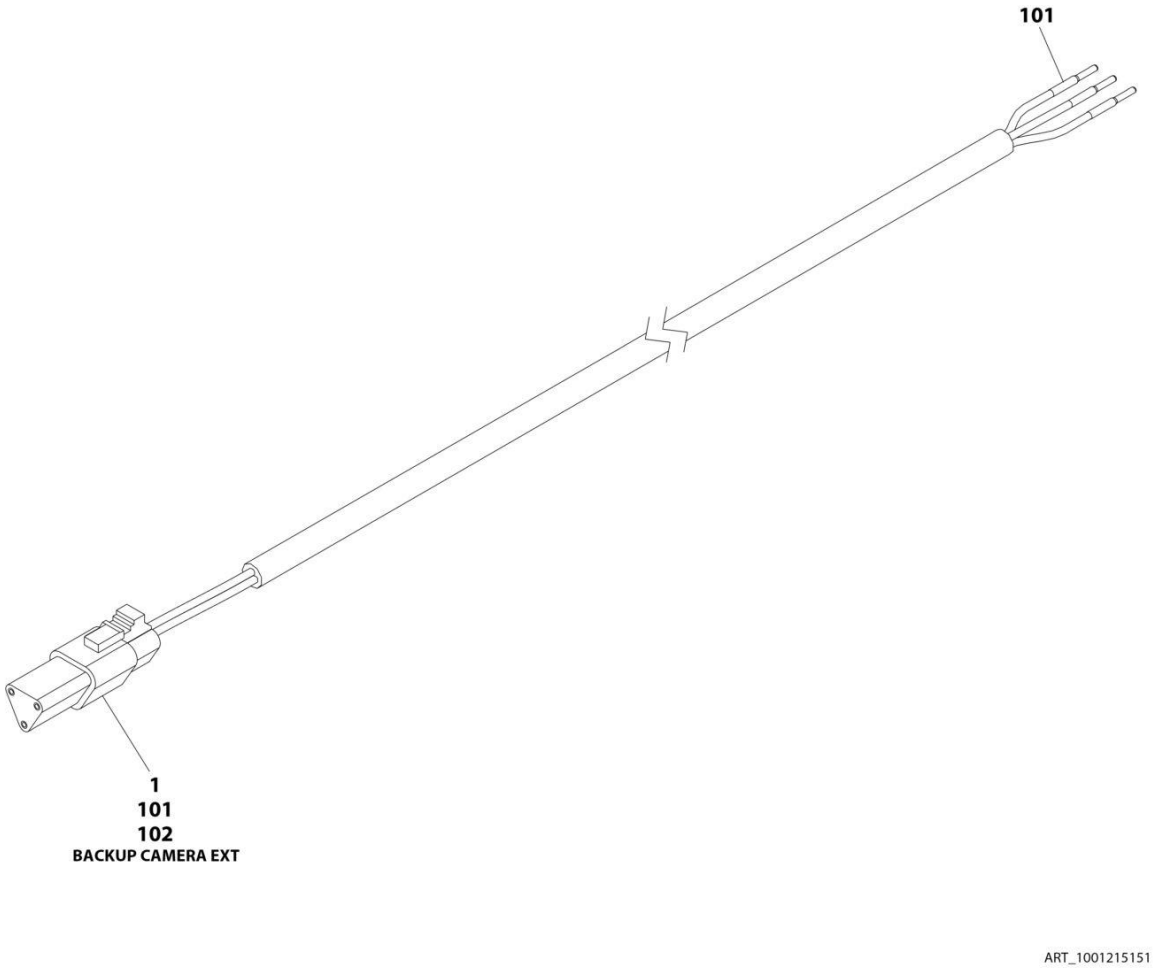


FIGURE 7-20. CAMERA HARNESS - BACK-UP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215151	Ref	BACK UP CAMERA MONITOR HARNESS	D
1	4460539	1	Pin	
1	4460465	3	Socket (16-20AWG)	
101	4460464	6	Pin	
102	4460536	1	Connector	

FIGURE 7-21. CENTER HARNESS INSTALLATION - 236IN WB

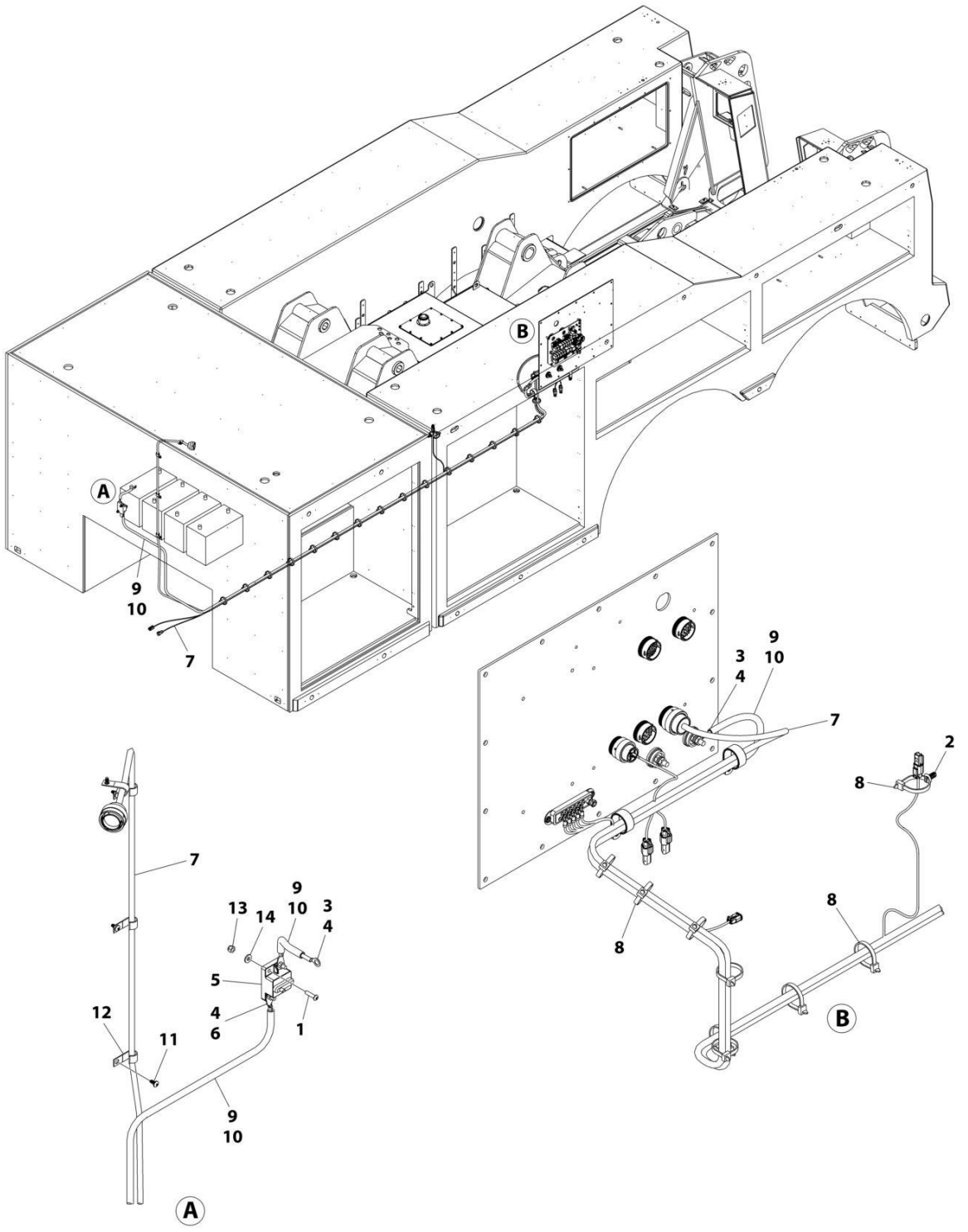


FIGURE 7-21. CENTER HARNESS INSTALLATION - 236IN WB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217426	Ref	CENTER HARNESS INSTALLATION (142IN CT/236IN WB/1T)	D
1	7114140818	2	Capscrew 1/4 x 1	
2	1001202986	1	Strap	
3	7345242202	2	Terminal	
4	7346000045	0.25 ft	Tubing	
5	7870000043	1	Switch Breaker	
6	1001125479	2	Terminal Ring	
7	1001217442	1	Harness, Center Main (See Separate Breakdown in this Section)	
8	5526000553	21	Tie-Strap	
9	7978000011	25 ft	Cable	
10	8597650001	25 ft	Loom	
11	1001195257	4	Screw 1/4 x 1/2	
12	7280000006	4	Clip	
13	7660142601	2	Nut 1/4	
14	7950140143	2	Washer 1/4	

FIGURE 7-22. CENTER HARNESS INSTALLATION - 322IN WB

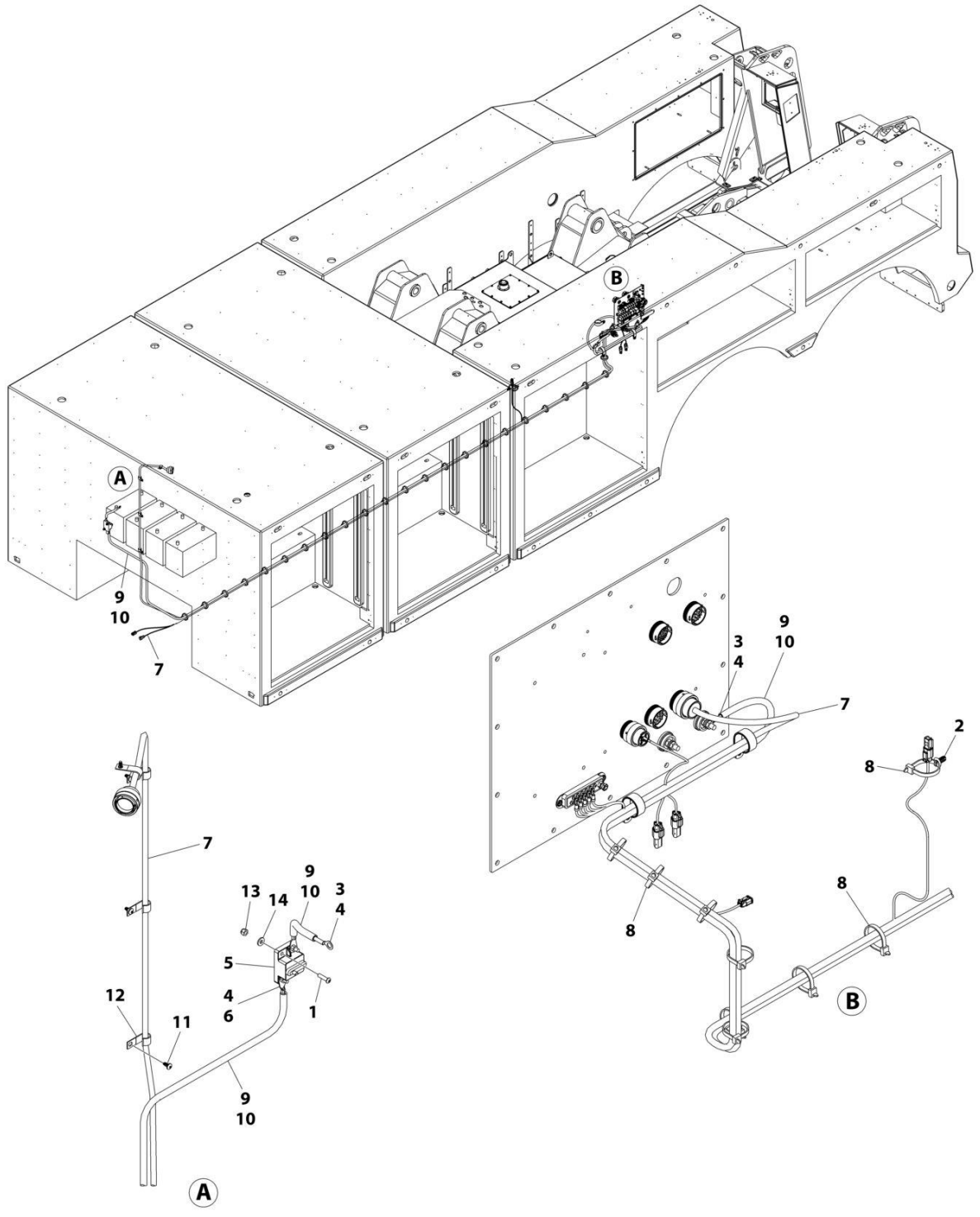


FIGURE 7-22. CENTER HARNESS INSTALLATION - 322IN WB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217587	Ref	CENTER HARNESS INSTALLATION (191IN CT/285IN WB/2T)	D
1	7114140818	2	Capscrew 1/4 x 1	
2	1001202986	1	Strap	
3	7345242202	2	Terminal	
4	7346000045	0.25 ft	Tubing	
5	7870000043	1	Switch Breaker	
6	1001125479	2	Terminal Ring	
7	1001217589	1	Harness, Center Main (See Separate Breakdown in this Section)	
8	5526000553	28	Tie-Strap	
9	7978000011	29 ft	Cable	
10	8597650001	29 ft	Loom	
11	1001195257	4	Screw 1/4 x 1/2	
12	7280000006	4	Clip	
13	7660142601	2	Nut 1/4	
14	7950140143	2	Washer 1/4	

FIGURE 7-23. CENTER HARNESS - 236IN WB

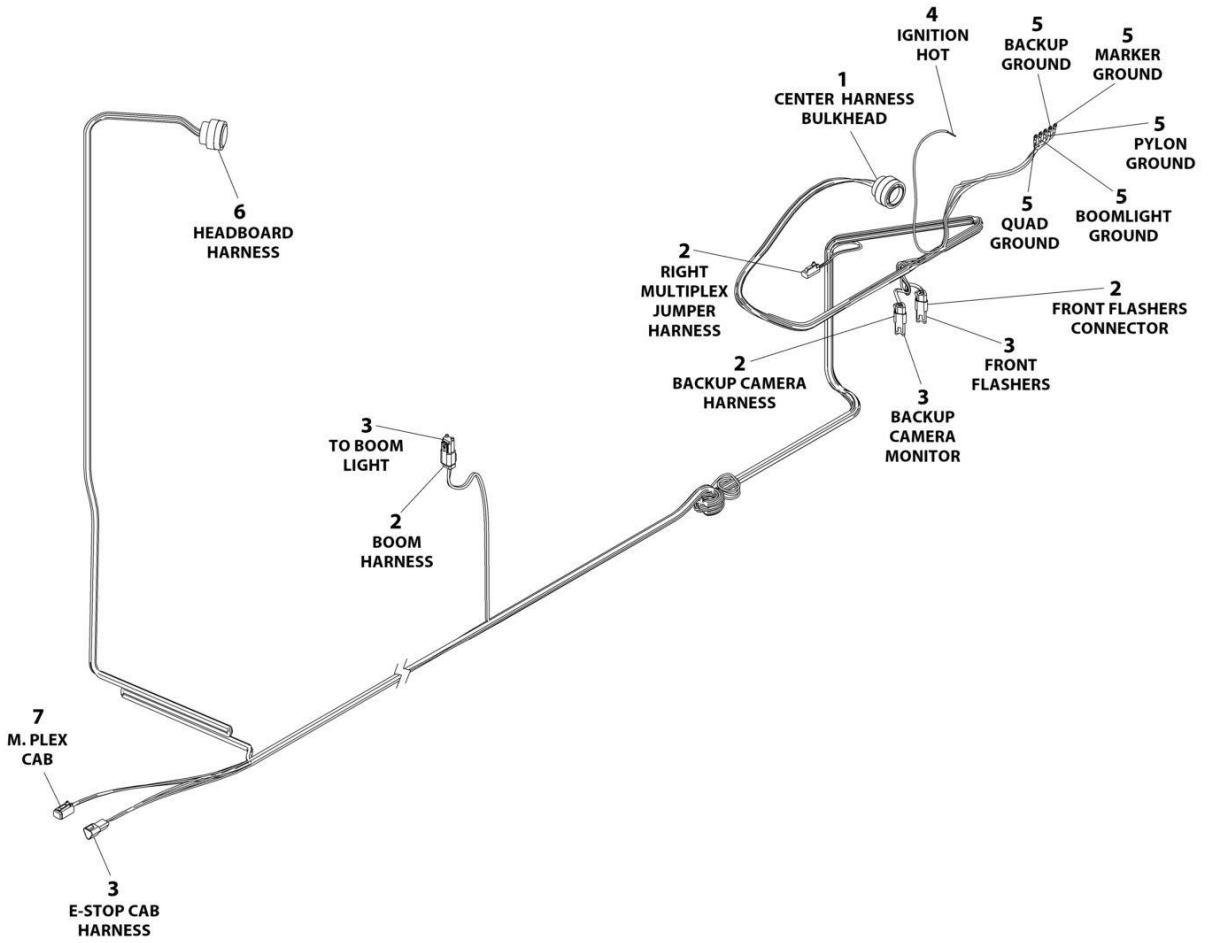


FIGURE 7-23. CENTER HARNESS - 236IN WB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217442	Ref	CENTER HARNESS (166IN CT)	A
1	NPN	1	Connector - 19 Position	
1	4460942	4	Socket, Female	
1	4460465	9	Socket, Female	
1	4460509	3	Socket, Female	
1	4460466	3	Plug, Terminal	
2	1001116812	4	Plug, Male - 3 Position	
2	4460942	3	Socket, Female	
2	4460465	6	Socket, Female	
2	4460509	3	Socket, Female	
3	4460536	4	Receptacle, Female - 3 Position	
3	4460466	12	Plug, Terminal	
4	4460509	1	Socket, Female	
5	NPN	5	Terminal, Ring	
6	NPN	1	Connector - 18 Position	
6	4460942	2	Socket, Female	
6	4460465	4	Socket, Female	
6	4460509	3	Socket, Female	
6	4460466	9	Plug, Terminal	
7	4460884	1	Plug, Male - 4 Position	
7	4460465	4	Socket, Female	

FIGURE 7-24. CENTER HARNESS - 322IN WB

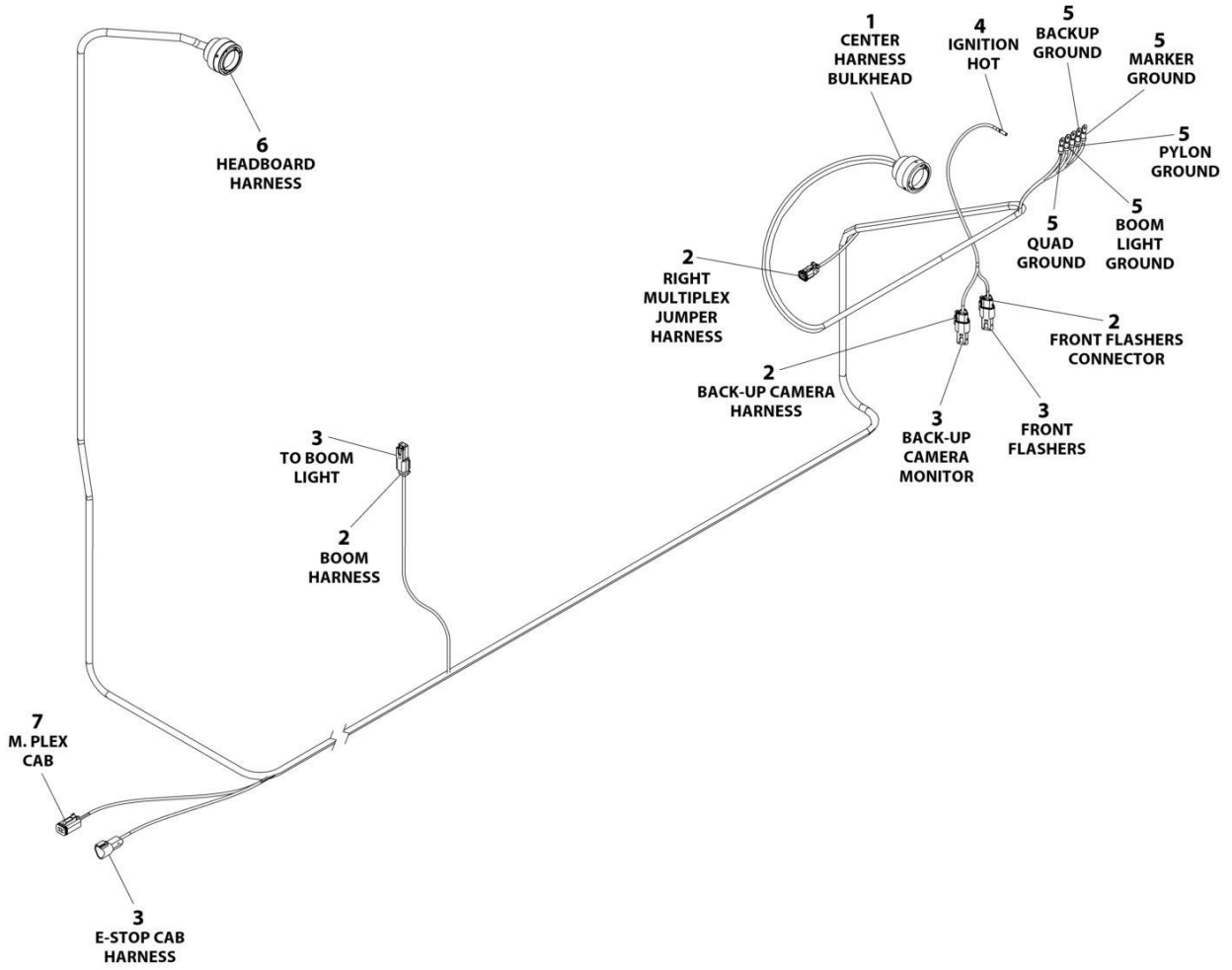


FIGURE 7-24. CENTER HARNESS - 322IN WB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217589	Ref	CENTER HARNESS (215IN CT)	A
1	NPN	1	Connector - 19 Position	
1	4460942	4	Socket, Female	
1	4460465	9	Socket, Female	
1	4460509	3	Socket, Female	
1	4460466	3	Plug, Terminal	
2	1001116812	4	Plug, Male - 3 Position	
2	4460942	3	Socket, Female	
2	4460465	6	Socket, Female	
2	4460509	3	Socket, Female	
3	4460536	4	Receptacle, Female - 3 Position	
3	4460466	12	Plug, Terminal	
4	4460509	1	Socket, Female	
5	NPN	5	Terminal, Ring	
6	NPN	1	Connector - 18 Position	
6	4460942	2	Socket, Female	
6	4460465	4	Socket, Female	
6	4460509	3	Socket, Female	
6	4460466	9	Plug, Terminal	
7	4460884	1	Plug, Male - 4 Position	
7	4460465	4	Socket, Female	

FIGURE 7-25. EMERGENCY STOP INSTALLATION

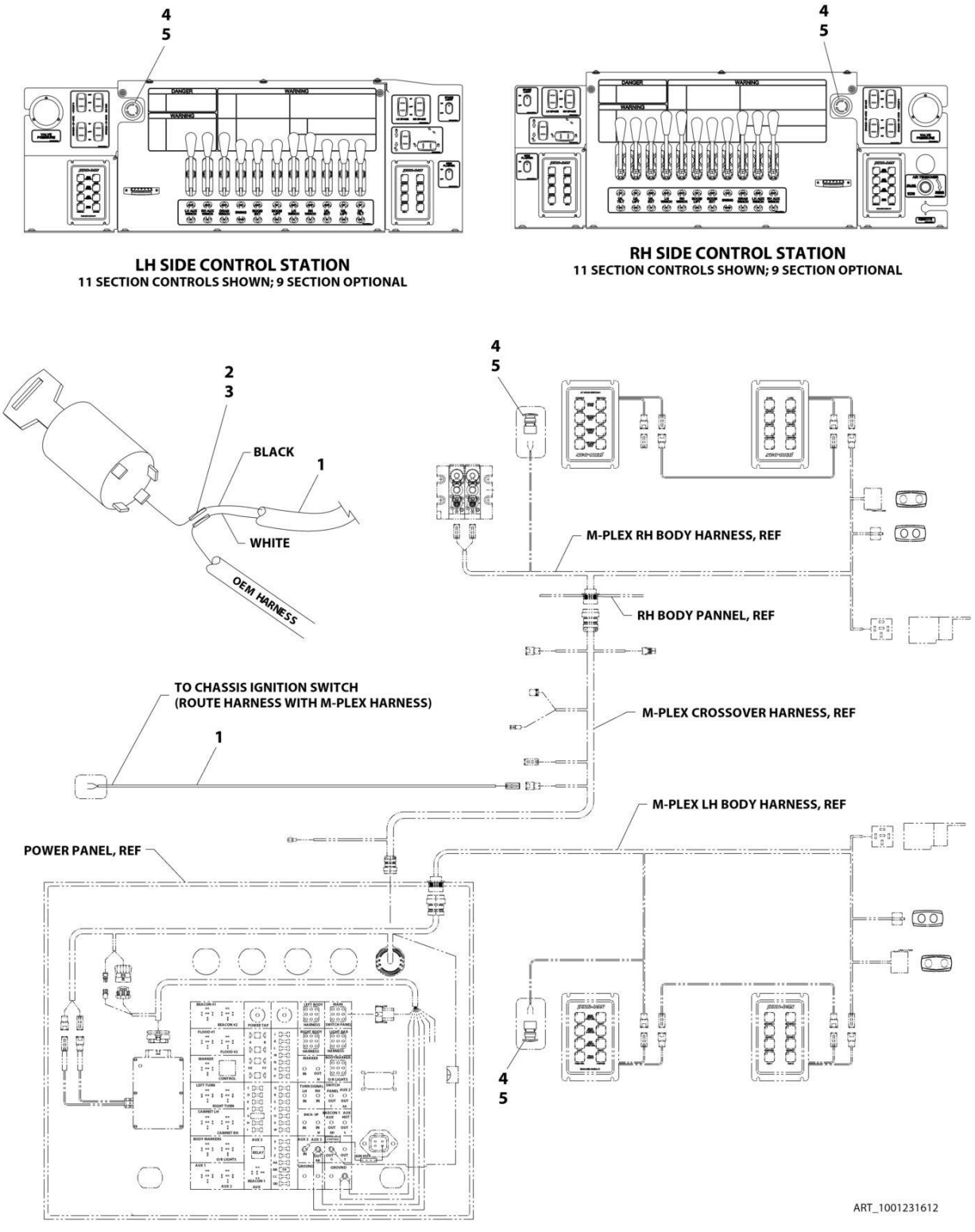
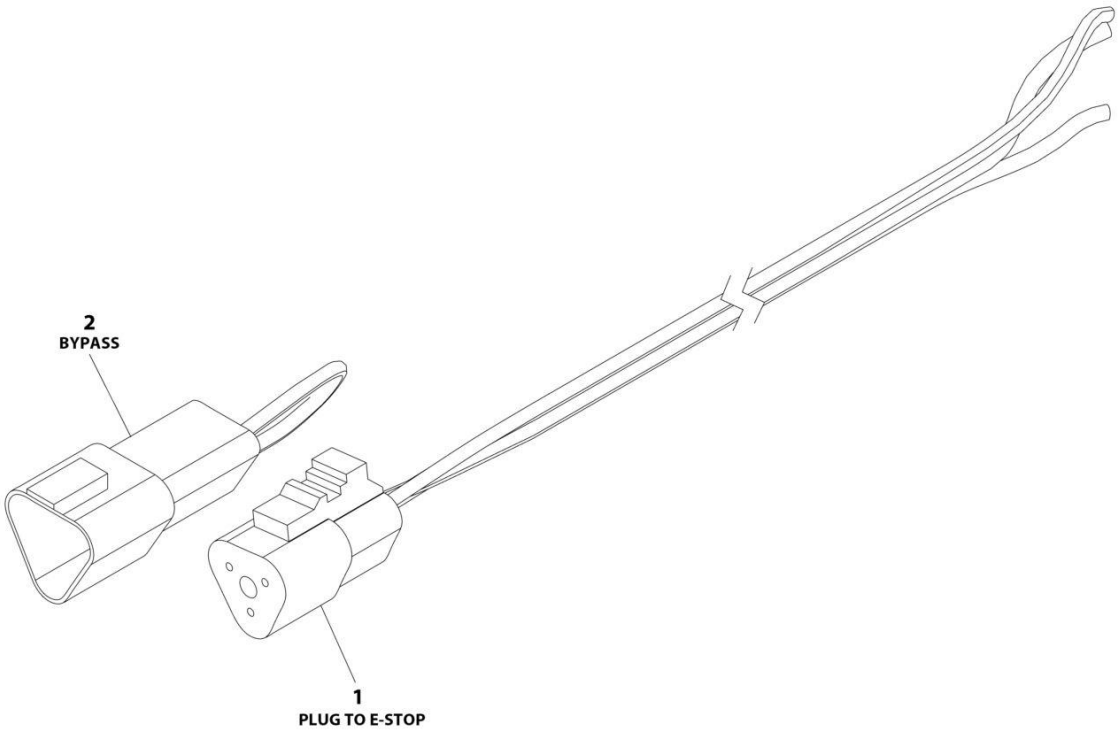


FIGURE 7-25. EMERGENCY STOP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231612	Ref	Emergency Stop Installation	A
1	1001215371	1	Harness (See Separate Breakdown in this Section)	
2	7345001714	2	Terminal	
3	7346000039	0.125 ft	Tubing	
4	1001233500	2	Switch, Push Button	
5	1704260	2	Decal	

FIGURE 7-26. EMERGENCY STOP HARNESS



ART_1001215371

FIGURE 7-26. EMERGENCY STOP HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215371	Ref	EMERGENCY STOP HARNESS	A
1	1001116812	1	Plug, Male - 3 Position	
1	4460465	2	Socket, Female	
1	4460942	1	Socket, Female	
2	4460536	1	Receptacle, Female - 3 Position	
2	4460464	2	Pin, Male	
2	4460466	1	Plug, Terminal	

FIGURE 7-27. HARNESS INSTALLATION - TUNNEL

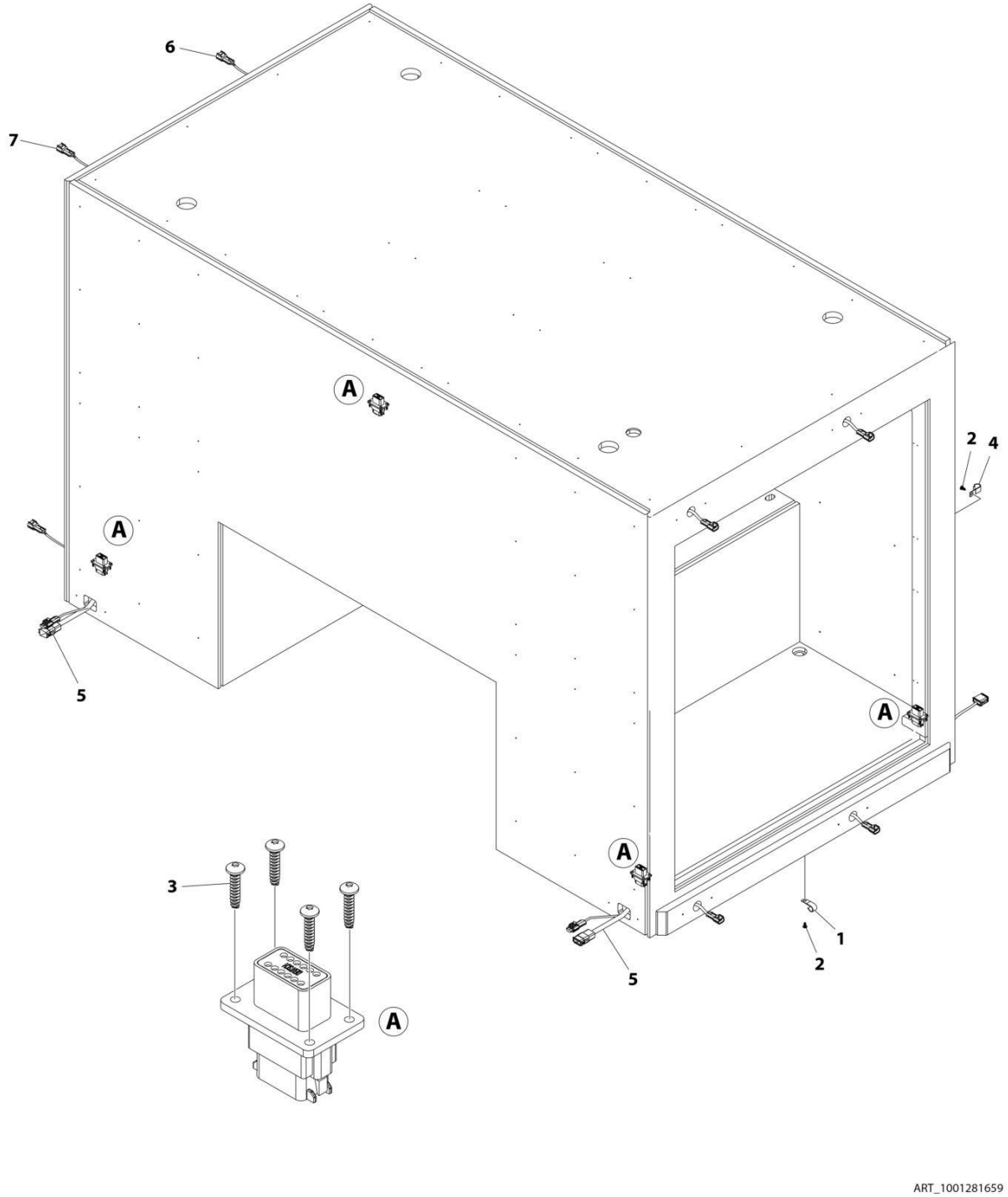


FIGURE 7-27. HARNESS INSTALLATION - TUNNEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281659	Ref	HARNESS INSTALLATION - TUNNEL	A
1	1321385	2	Clamp, Hose Retaining	
2	1001195257	24	Screw 1/4 x 1/2	
3	1001196552	16	Screw #8 x 3/4	
4	7280000006	22	Clip	
5	1001209050	2	Main Tunnel Harness (See Separate Breakdown in this Section)	
6	1001229447	2	Rear Tunnel Harness (See Separate Breakdown in this Section)	
7	1001209056	2	Rear Tunnel Harness (See Separate Breakdown in this Section)	
8	5526000553	AR	Tie-Strap (Not Shown)	

FIGURE 7-28. HARNESS INSTALLATION - TUNNEL (DOUBLE)

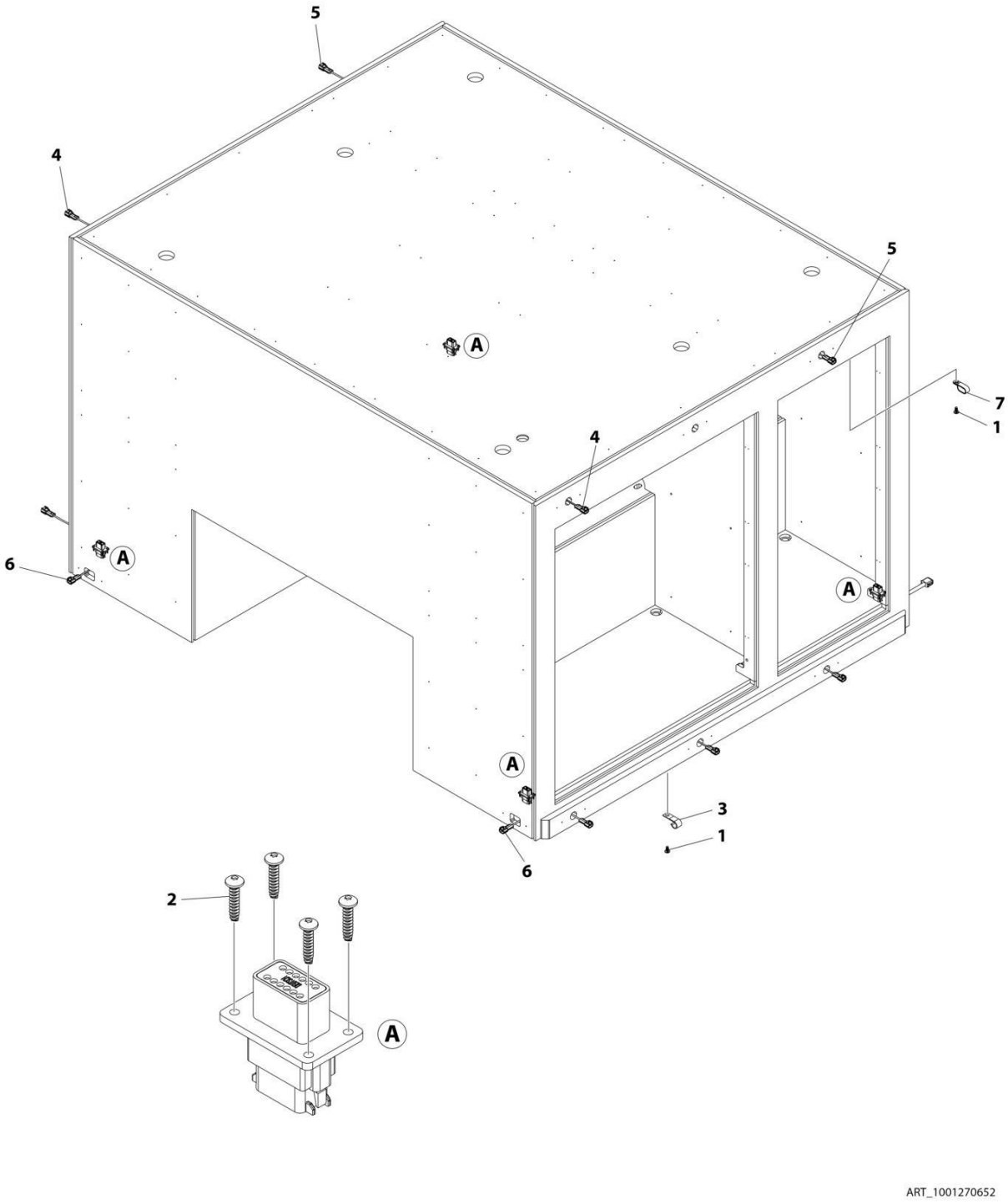


FIGURE 7-28. HARNESS INSTALLATION - TUNNEL (DOUBLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270652	Ref	HARNESS INSTALLATION - TUNNEL (DOUBLE)	A
1	1001195257	32	Screw 1/4 x 1/2	
2	1001196552	24	Screw #8 x 3/4	
3	7280000006	28	Clip	
4	1001209056	2	Rear Tunnel Harness (See Separate Breakdown in this Section)	
5	1001229468	2	Cabinet Mid Body Harness (See Separate Breakdown in this section)	
6	1001270659	2	Main Tunnel Harness (Double) (See Separate Breakdown in this section)	
7	1321385	4	Clamp, Hose Retaining	
8	5526000553	AR	Tie-Strap (Not Shown)	

FIGURE 7-29. LIGHTS - COMPARTMENT LIGHTS INSTALLATION (TANDEM)

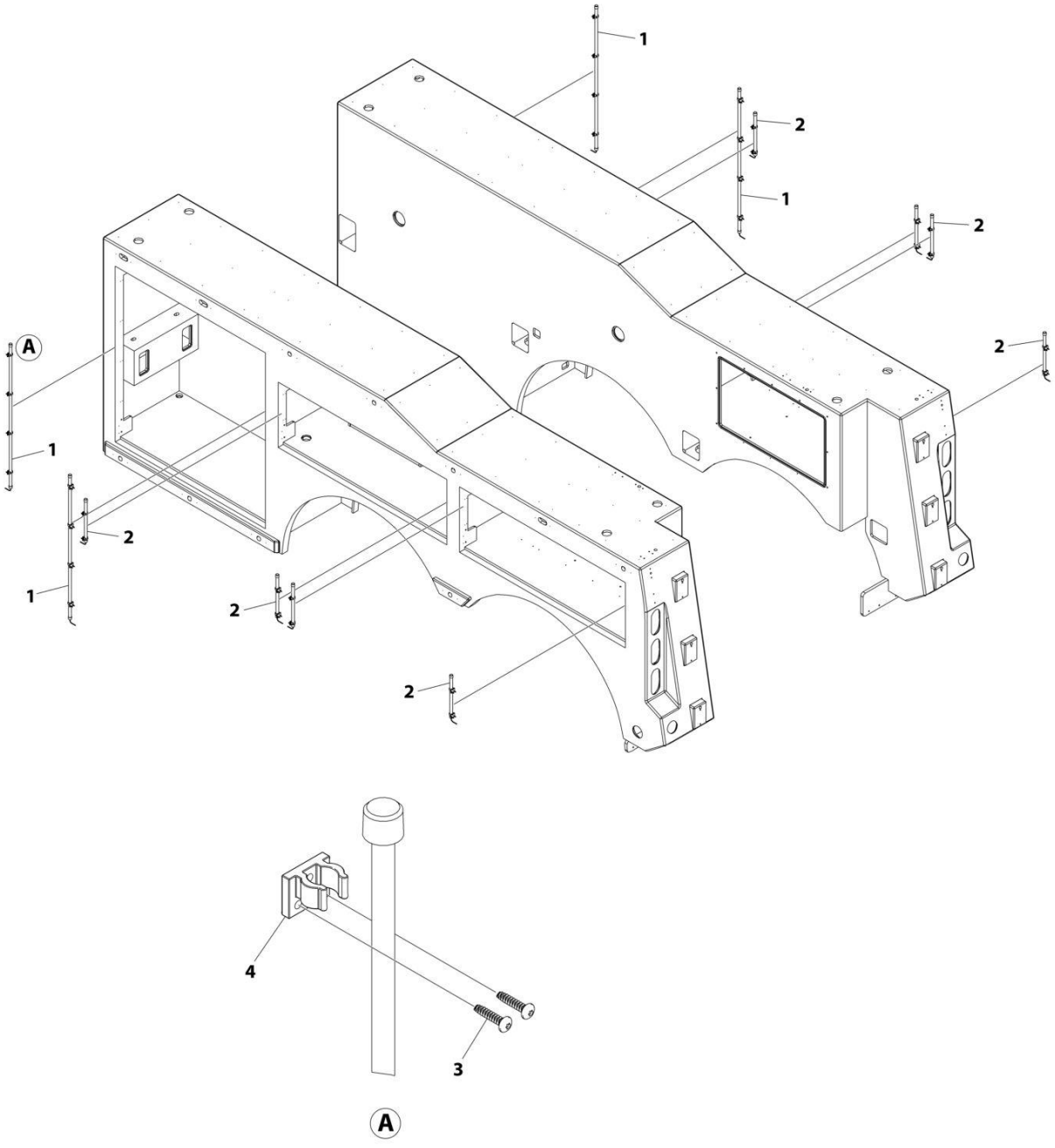


FIGURE 7-29. LIGHTS - COMPARTMENT LIGHTS INSTALLATION (TANDEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196522	Ref	COMPARTMENT LIGHTS INSTALLATION - BODY (TANDEM)	C
1	1001154527	4	Lamp	
2	1001166549	8	Lamp	
3	1001196552	64	Screw #8 x 3/4	
4	1001199081	32	Mount	

FIGURE 7-30. LIGHTS - COMPARTMENT LIGHTS INSTALLATION (TRI-AXLE)

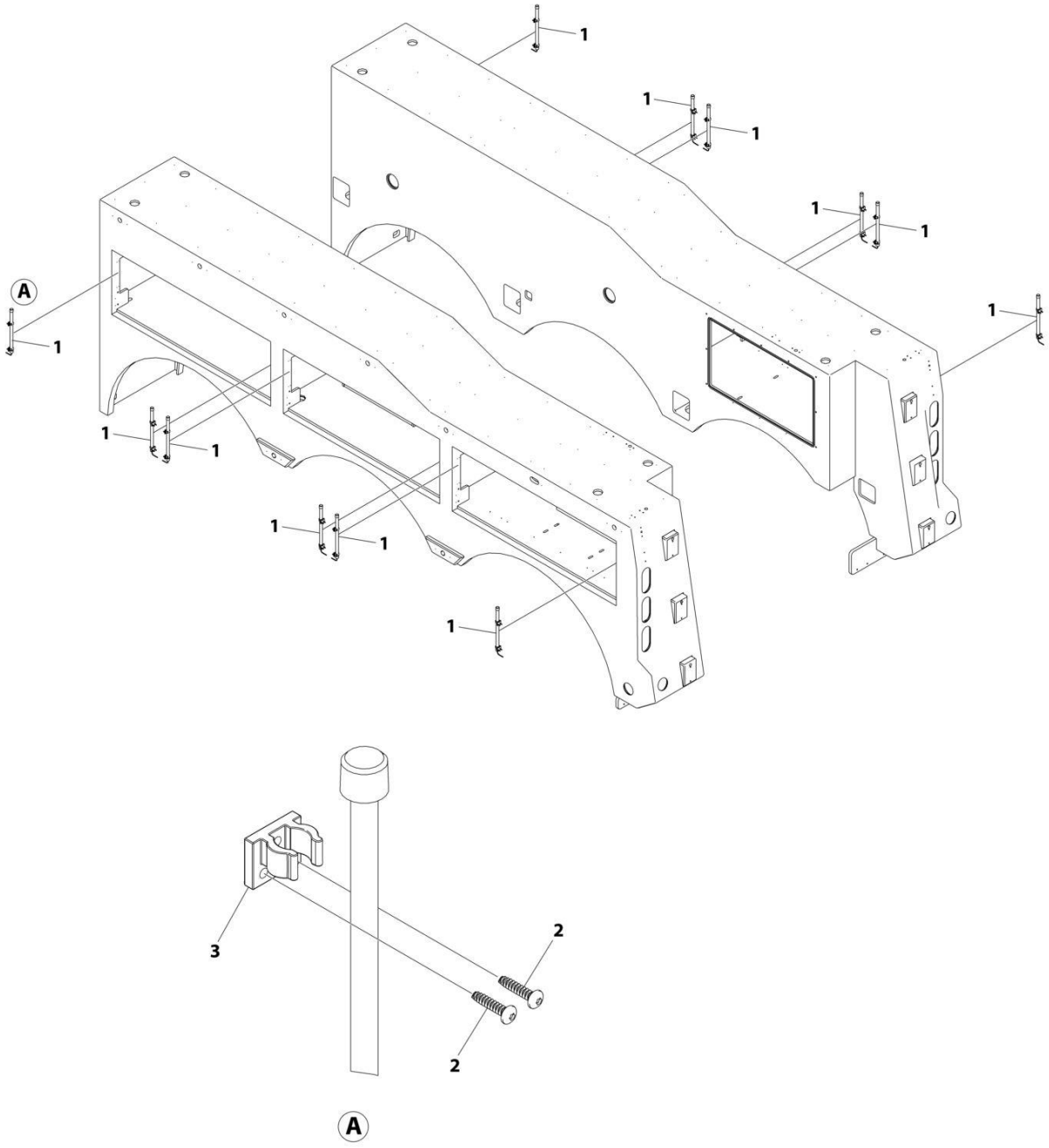


FIGURE 7-30. LIGHTS - COMPARTMENT LIGHTS INSTALLATION (TRI-AXLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196523	Ref	COMPARTMENT LIGHTS INSTALLATION - BODY (TRI-AXLE)	C
1	1001166549	12	LED Light	
2	1001196552	48	Screw #8 x 3/4	
3	1001199081	24	Mount	

FIGURE 7-31. LIGHTS - COMPARTMENT LIGHTS INSTALLATION (TUNNEL)

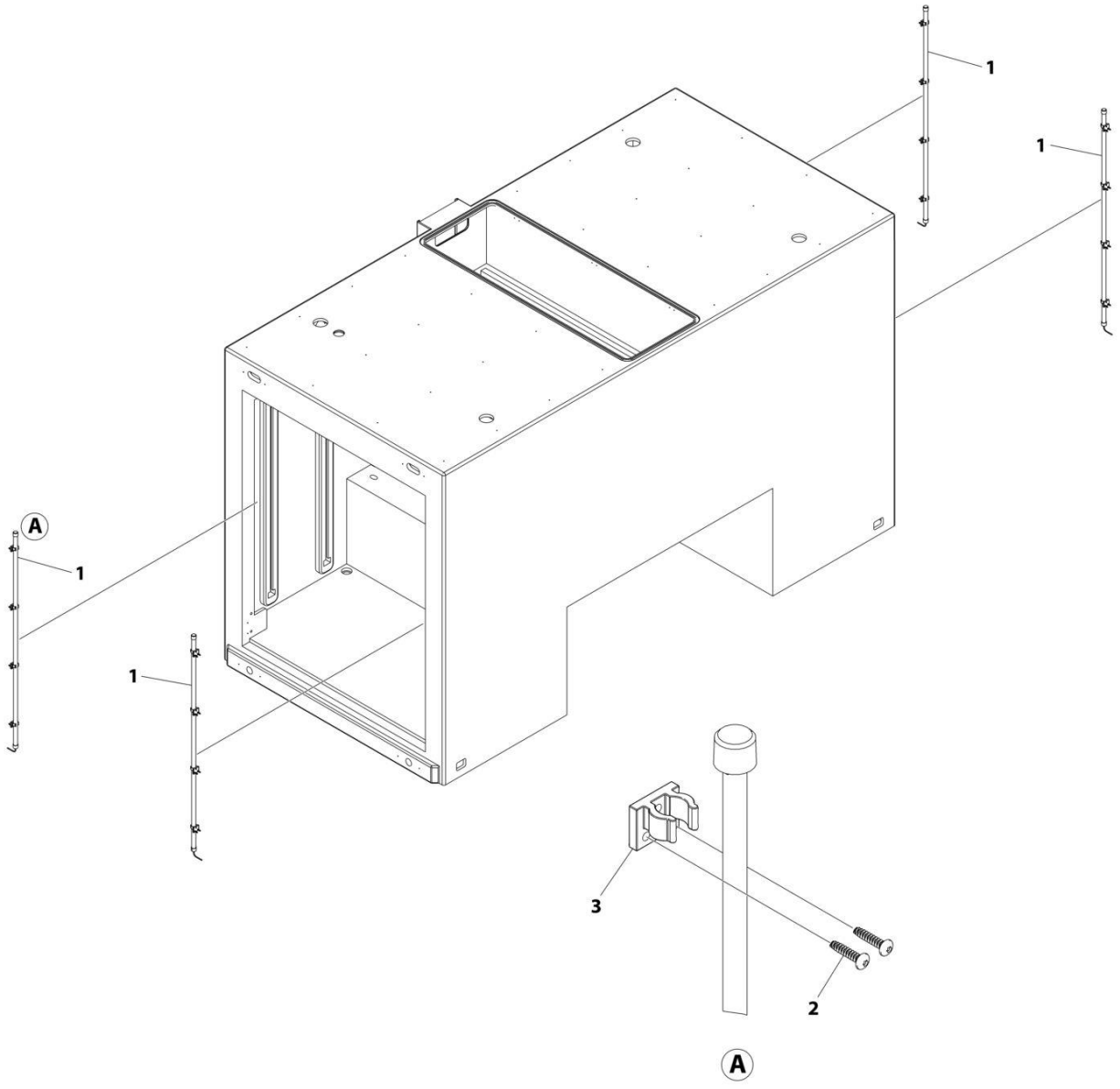


FIGURE 7-31. LIGHTS - COMPARTMENT LIGHTS INSTALLATION (TUNNEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196583	Ref	LIGHTS - COMPARTMENT LIGHTS INSTALLATION, 48IN TUNNEL	C
1	1001154527	4	Lamp	
2	1001196552	32	Screw #8 x 3/4	
3	1001199081	16	Mount	

FIGURE 7-32. LIGHTS - COMPARTMENT LIGHTS INSTALLATION (TUNNEL DOUBLE)

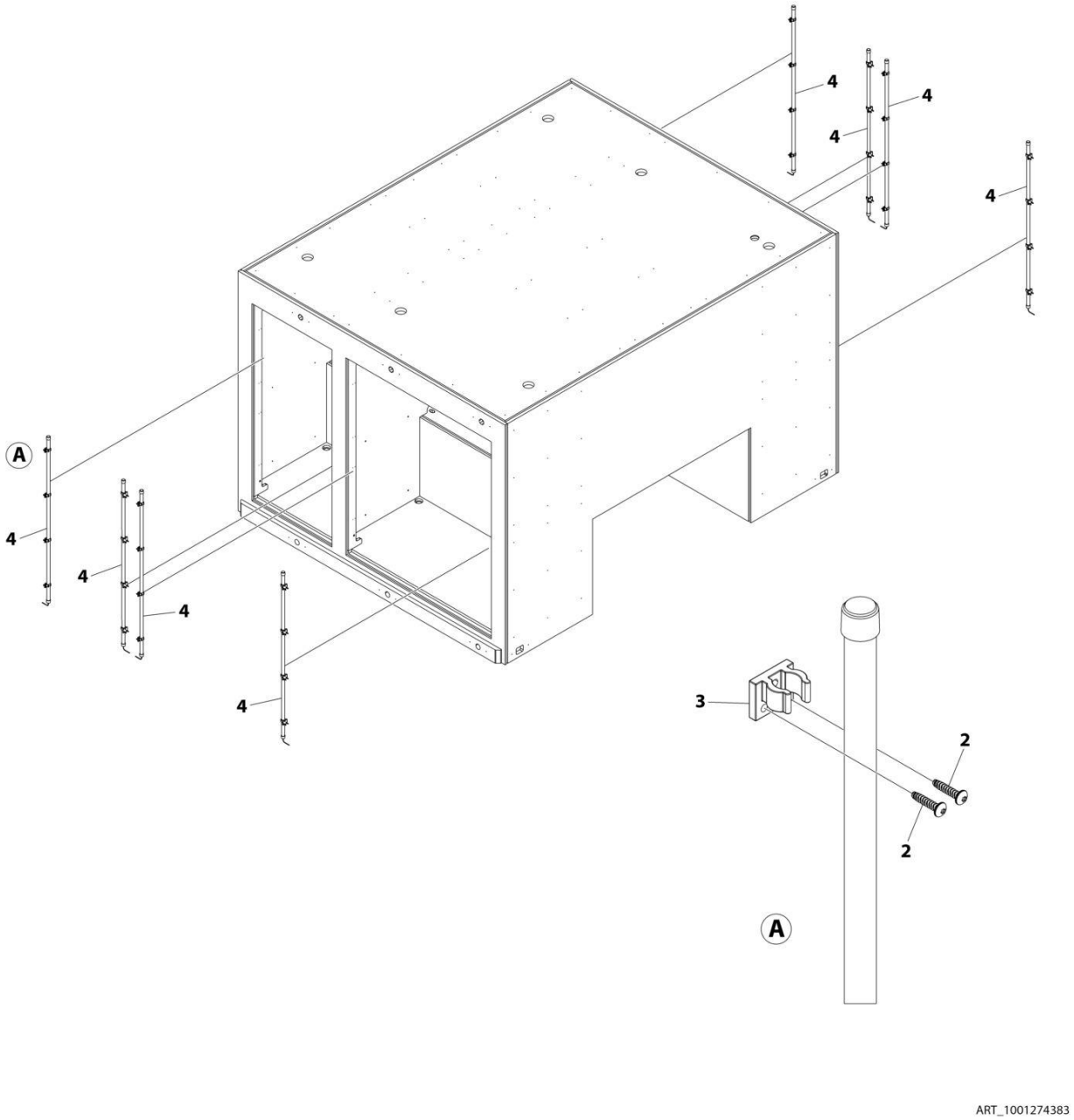


FIGURE 7-32. LIGHTS - COMPARTMENT LIGHTS INSTALLATION (TUNNEL DOUBLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274383	Ref	TUNNEL COMPARTMENT LIGHTS INSTALLATION (DOUBLE)	A
2	1001196552	64	Screw #8 x 3/4	
3	1001199081	32	Mount	
4	1001154527	8	Lamp	

FIGURE 7-33. LIGHTS - FLASHER LIGHTS INSTALLATION - SIDE (TANDEM)

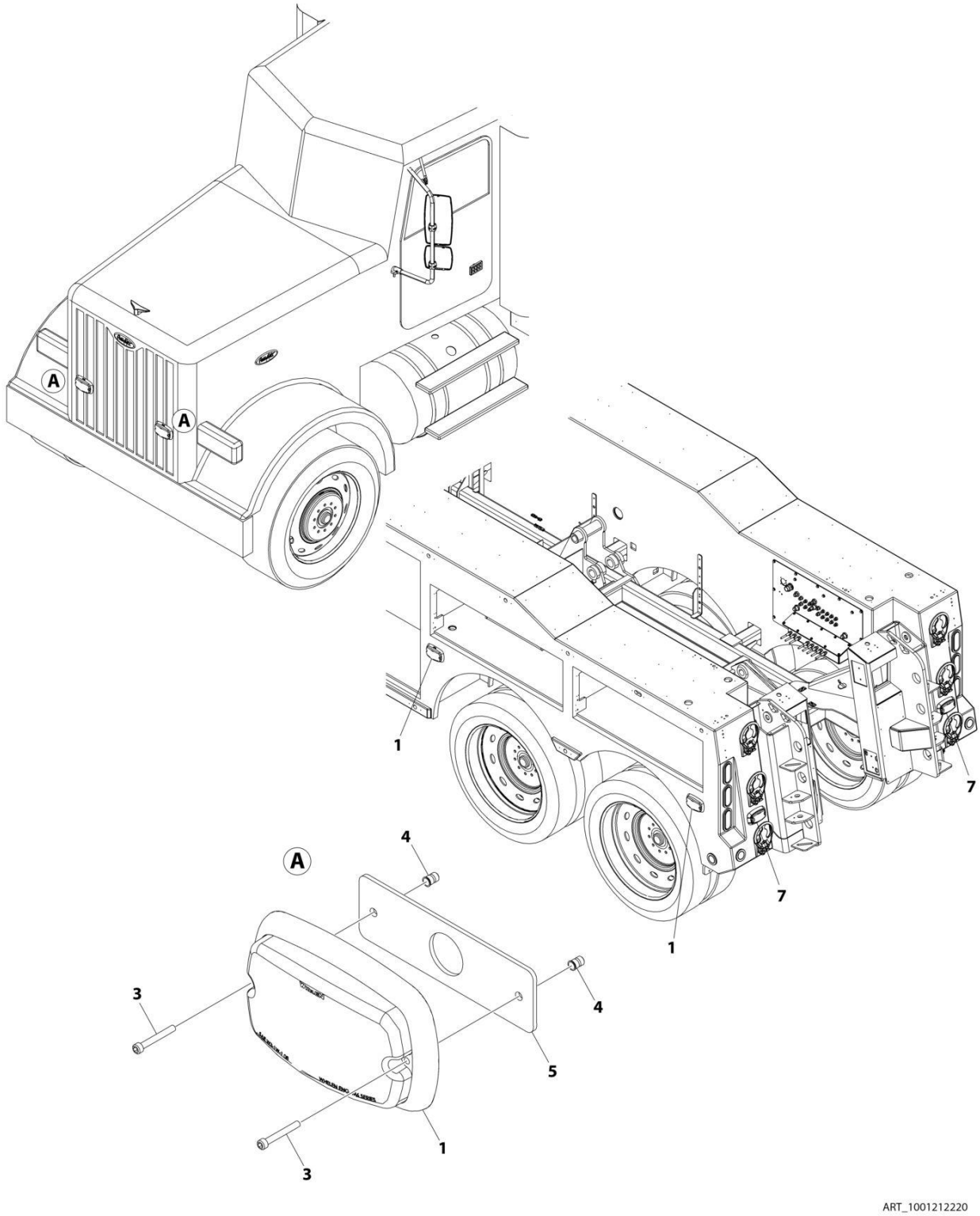


FIGURE 7-33. LIGHTS - FLASHER LIGHTS INSTALLATION - SIDE (TANDEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212220	Ref	SIDE FLASHER LIGHTS INSTALLATION	E
1	1001143284	6	Lamp	
2	1001215157	1	Harness (Not Shown)	
2	4460897	2	Receptacle, Female - 2 Position	
2	4460464	4	Pin, Male	
3	3930820	4	Capscrew #8 x 1-1/4	
4	1001151546	4	Nut #8	
5	1001216586	2	Bar, Grill Mounted	
6	7894000004	20	Tie-Strap (Not Shown)	
7	1001307192	2	Lamp	

FIGURE 7-34. LIGHTS - FLASHER LIGHTS INSTALLATION - SIDE (TRI-AXLE)

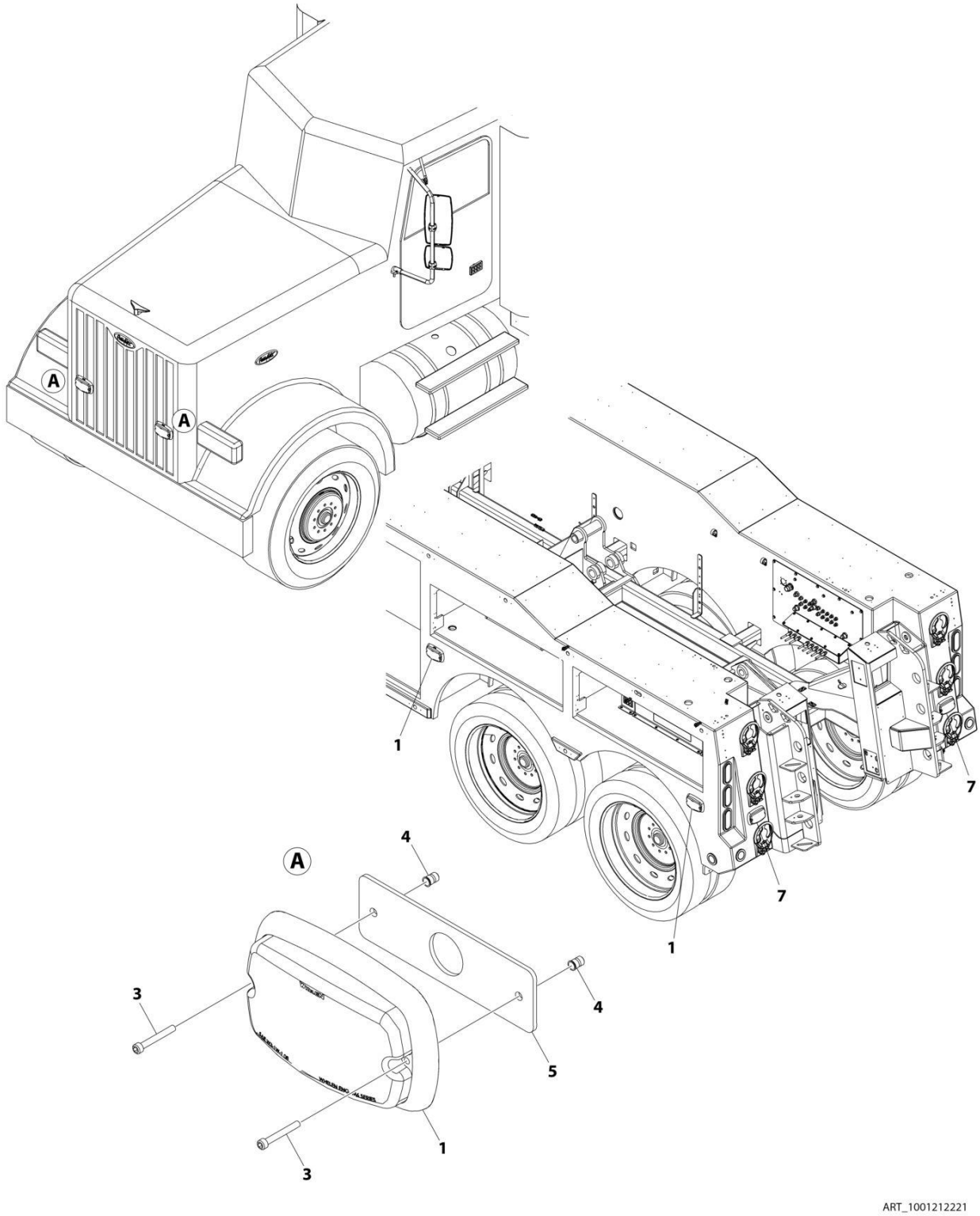


FIGURE 7-34. LIGHTS - FLASHER LIGHTS INSTALLATION - SIDE (TRI-AXLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212221	Ref	LIGHTS - FLASHER LIGHTS INSTALLATION - TRI-AXLE	D
1	1001143284	6	Lamp	
2	1001215157	1	Harness (Not Shown)	
2	4460897	2	Receptacle, Female - 2 Position	
2	4460464	4	Pin, Male	
3	3930820	4	Capscrew #8 x 1-1/4	
4	1001151546	4	Nut #8	
5	1001216586	2	Bar, Grill Mounted	
6	7894000004	20	Tie Strap (Not Shown)	
7	1001307192	2	Lamp	

FIGURE 7-35. LIGHTS - HOOK UP LIGHTS INSTALLATION (LOWER)

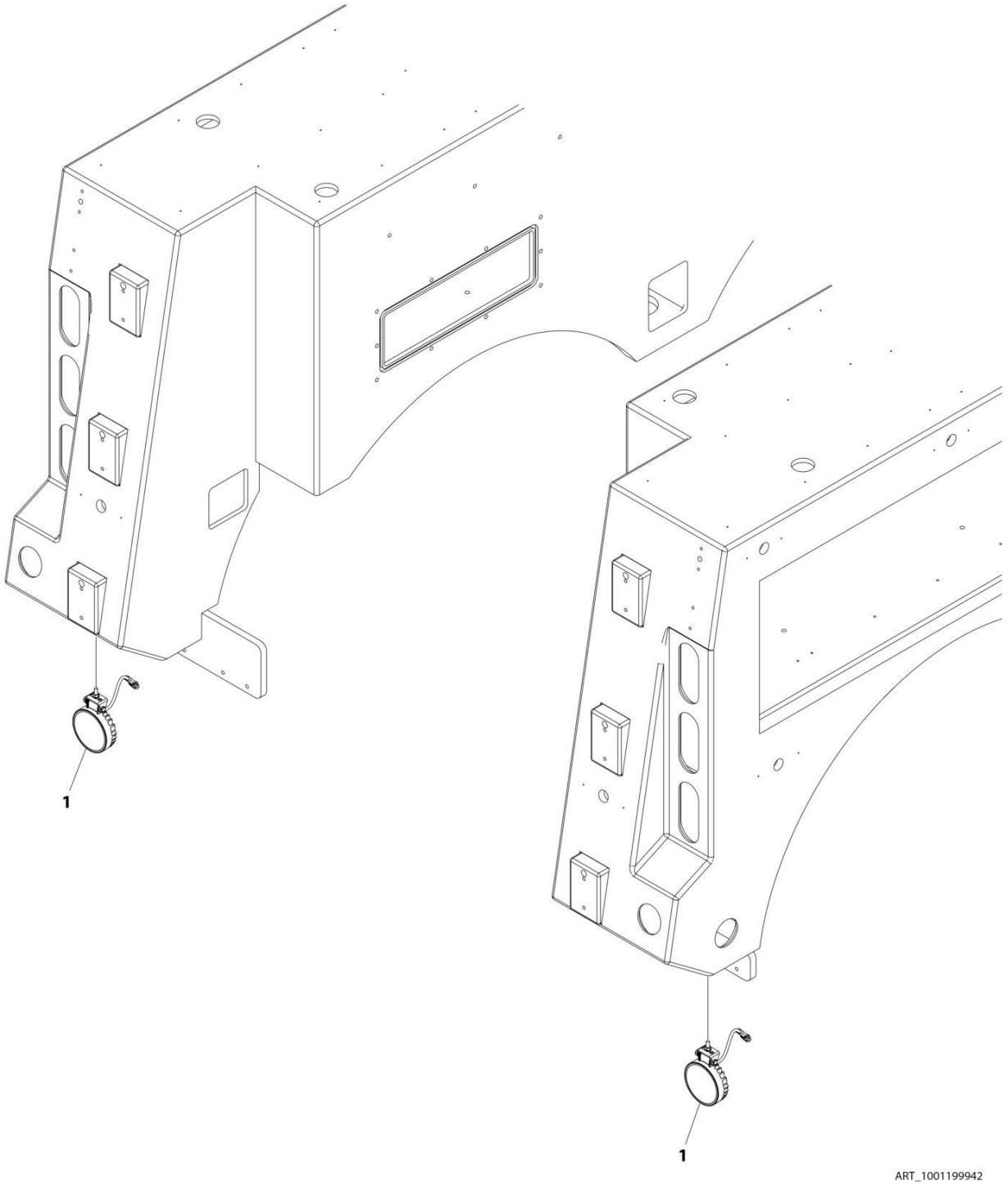


FIGURE 7-35. LIGHTS - HOOK UP LIGHTS INSTALLATION (LOWER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199942	Ref	LOWER LIGHTS HOOK-UP INSTALLATION	C
1	1001273634	2	Lamp	

FIGURE 7-36. LIGHTS - HOOK UP LIGHTS INSTALLATION (UPPER)

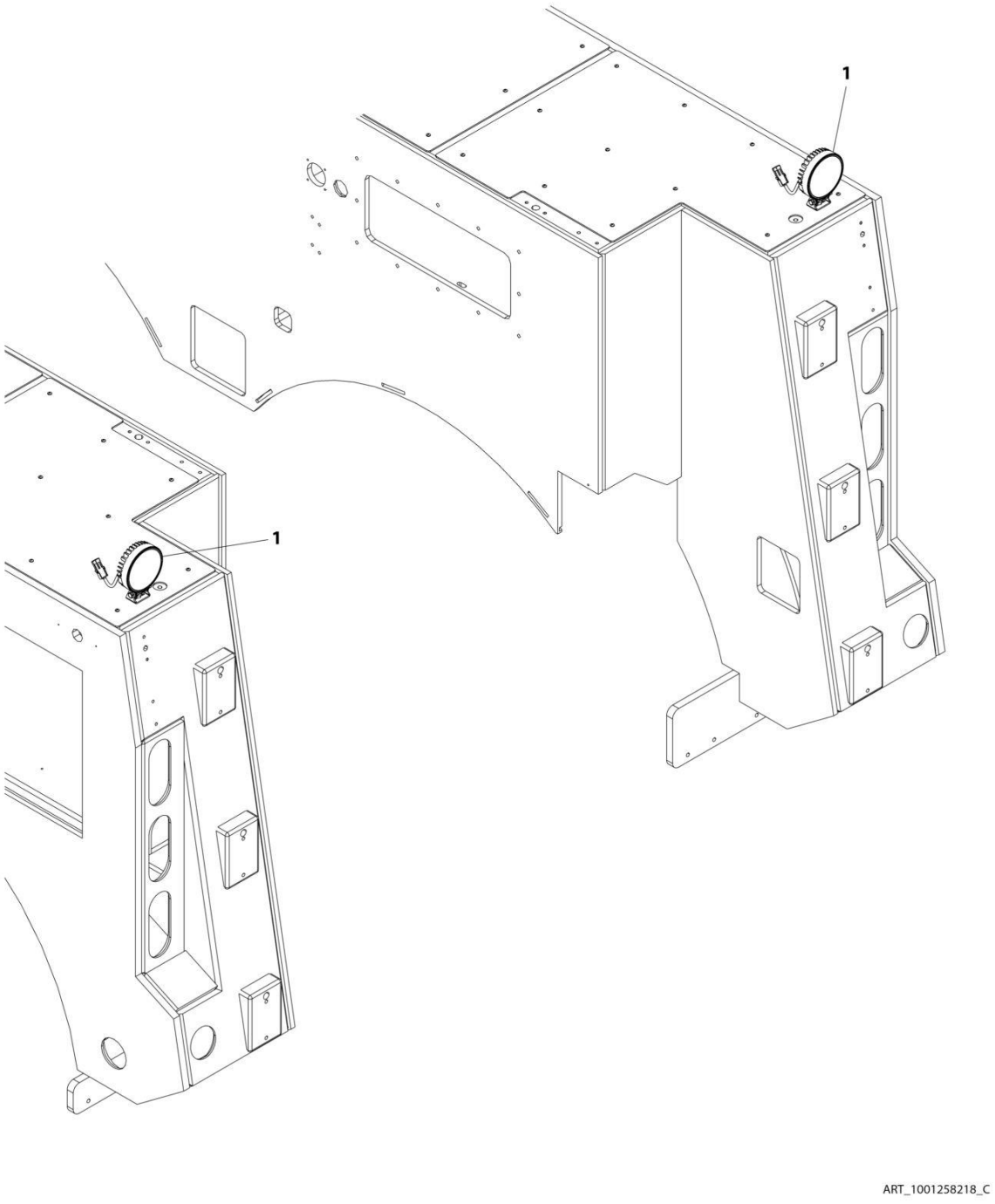


FIGURE 7-36. LIGHTS - HOOK UP LIGHTS INSTALLATION (UPPER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258218	Ref	UPPER HOOK-UP LIGHTS INSTALLATION	C
1	1001273634	2	Lamp	
2	8798820001	AR	Sealant (Not Shown)	

FIGURE 7-37. LIGHTS - LIGHTBAR INSTALLATION (CAB MOUNTED)

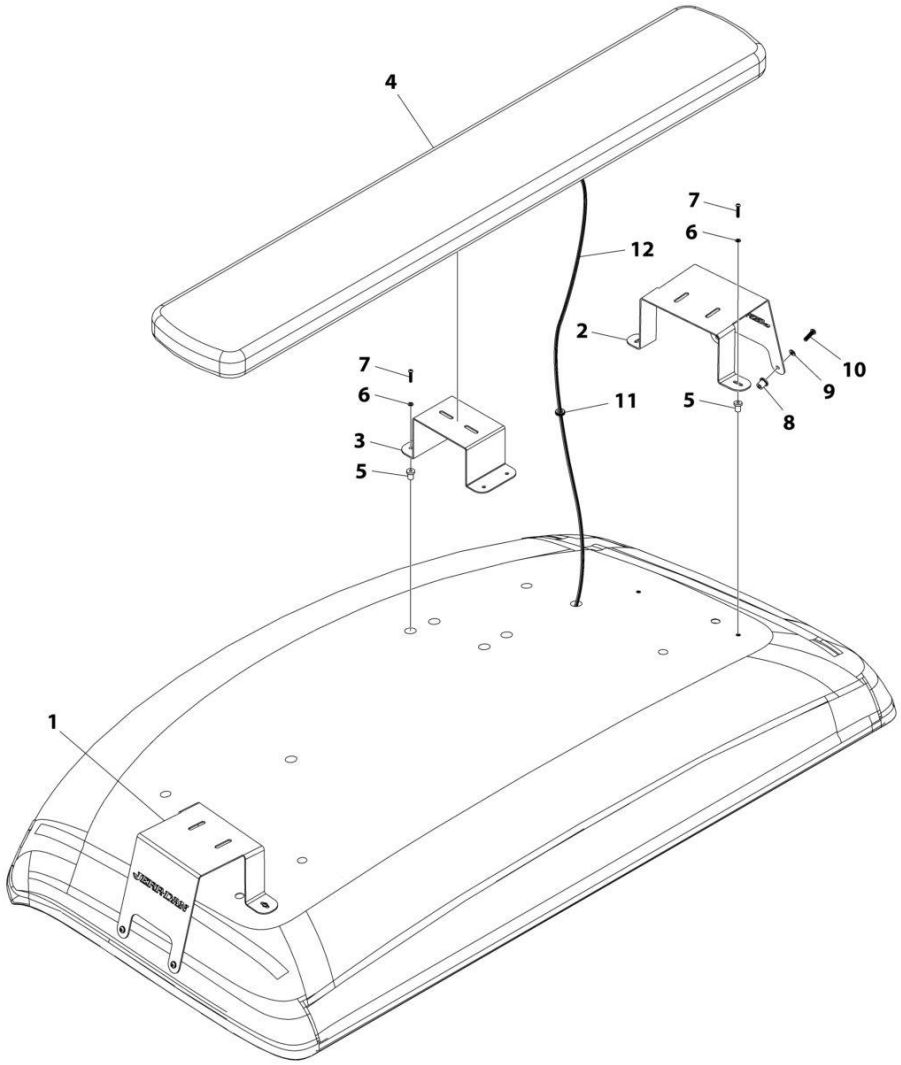


FIGURE 7-37. LIGHTS - LIGHTBAR INSTALLATION (CAB MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216570	Ref	LIGHTBAR INSTALLATION (CAB MOUNTED)	A
1	1001215955	1	Bracket (LH)	
2	1001215956	1	Bracket (RH)	
3	1001215957	1	Bracket	
4	1001199477	1	Lightbar Assembly (See Separate Breakdown in this Section)	
5	1001213131	8	Nut	
6	1001170307	8	Washer	
7	1001216317	8	Screw	
8	1001216373	4	Nut	
9	1001170329	4	Washer	
10	1001216372	4	Screw	
11	1001101025	1	Grommet	
12	1001216571	1	Lightbar Harness (See Separate Breakdown in this Section)	
13	5526000553	4	Tie-Strap (Not Shown)	

FIGURE 7-38. LIGHTS - LIGHTBAR INSTALLATION (PYLON MOUNTED) (CODE 3 & ECCO 60IN AMBER)

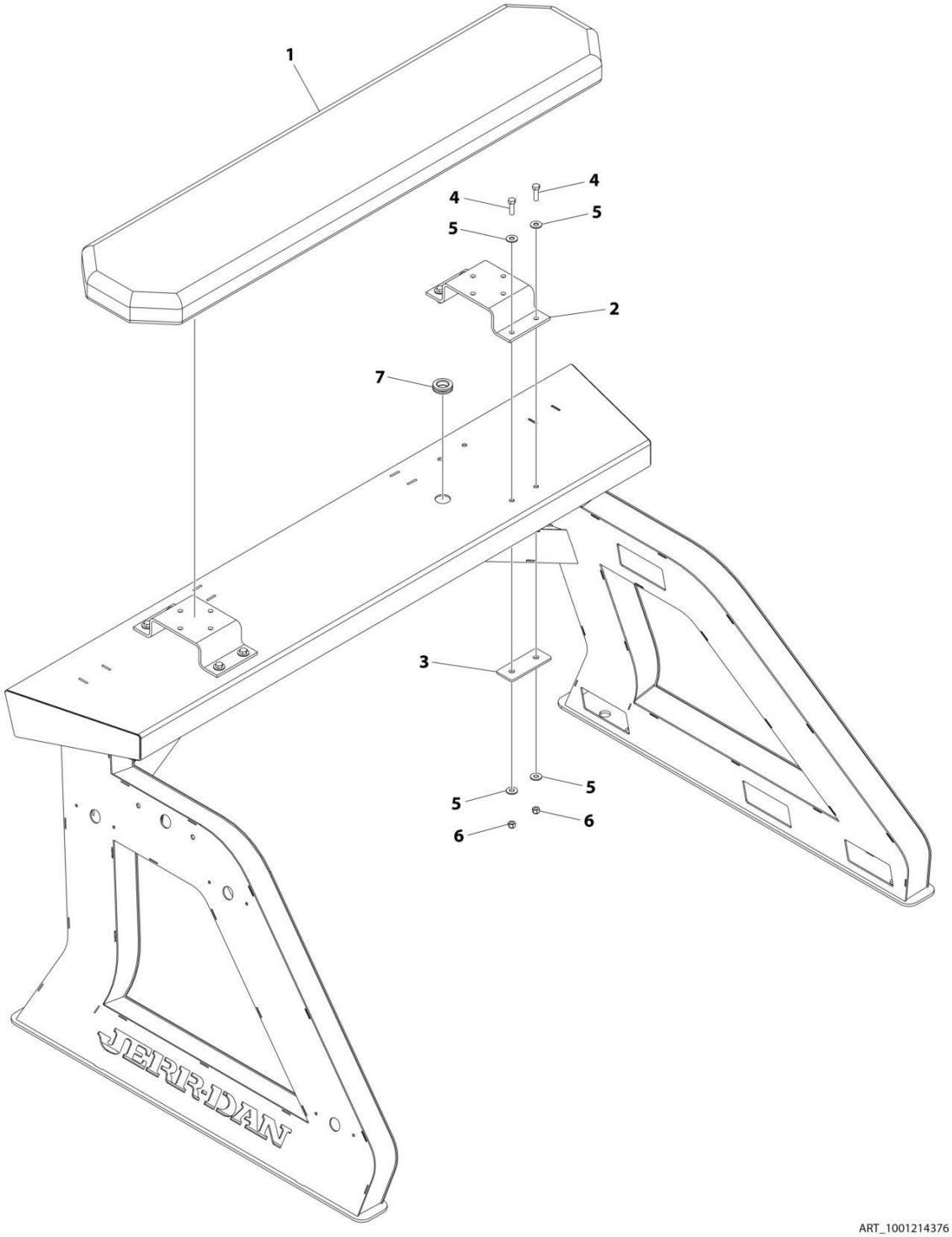


FIGURE 7-38. LIGHTS - LIGHTBAR INSTALLATION (PYLON MOUNTED) (CODE 3 & ECCO 60IN AMBER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214376	Ref	LIGHTS - LIGHTBAR INSTALLATION - 58IN AMBER CODE3	B
	1001136990	1	Lightbar Assembly (CODE 3) (See Separate Breakdown in this Section) **(SN 0230004275 through 0230009234)**	
1	1001247139	1	Lightbar Assembly (ECCO) (See Separate Breakdown in this Section) **(SN 0230009235 to Present)**	
	4178000234	1	Bracket **(SN 0230004275 through 0230009234)**	
2	1001267280	2	Bracket **(SN 0230009235 to Present)**	
3	1001214128	4	Plate	
4	0641610	8	Capscrew 3/8 x 1-1/4	
5	4751600	16	Washer 3/8	
6	7660162601	8	Nut 3/8	
7	7493000011	1	Grommet	

FIGURE 7-39. LIGHTS - LIGHTBAR INSTALLATION (PYLON MOUNTED) (WHELEN 60IN)

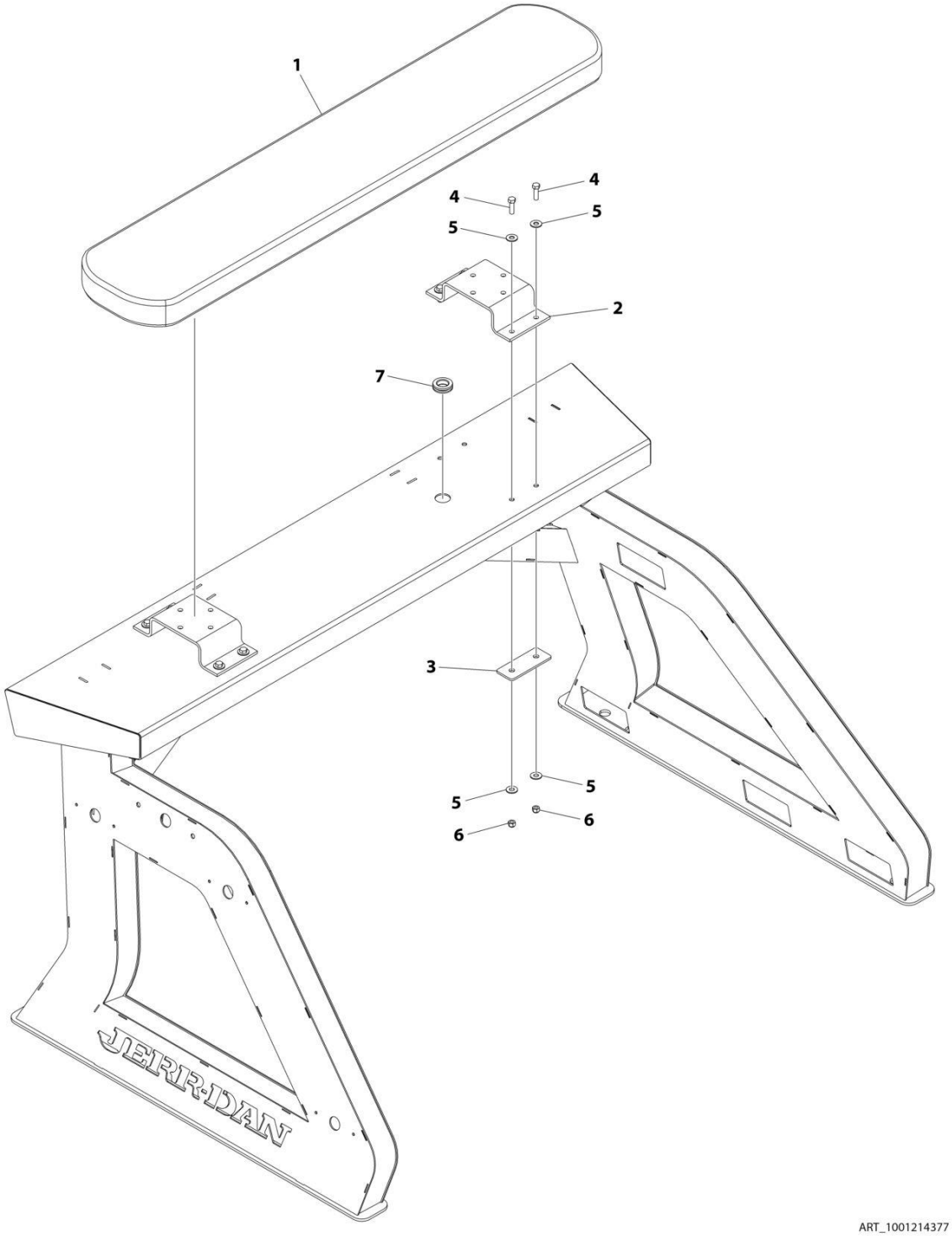


FIGURE 7-39. LIGHTS - LIGHTBAR INSTALLATION (PYLON MOUNTED) (WHELEN 60IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214377	Ref	LIGHTS - LIGHTBAR INSTALLATION - 60IN AMBER WHELEN	B
1	1001199475	1	Lightbar Assembly (See Separate Breakdown in this Section)	
2	1001267280	2	Bracket **(SN 0230004275 through 0230009234)**	
2	4178000234	1	Bracket **(SN 0230009235 to Present)**	
3	1001214128	4	Plate	
4	0641610	8	Capscrew 3/8 x 1-1/4	
5	4751600	16	Washer 3/8	
6	7660162601	8	Nut 3/8	
7	7493000011	1	Grommet	

FIGURE 7-40. LIGHTS - LIGHTBAR ASSEMBLY - CODE 3 60IN AMBER

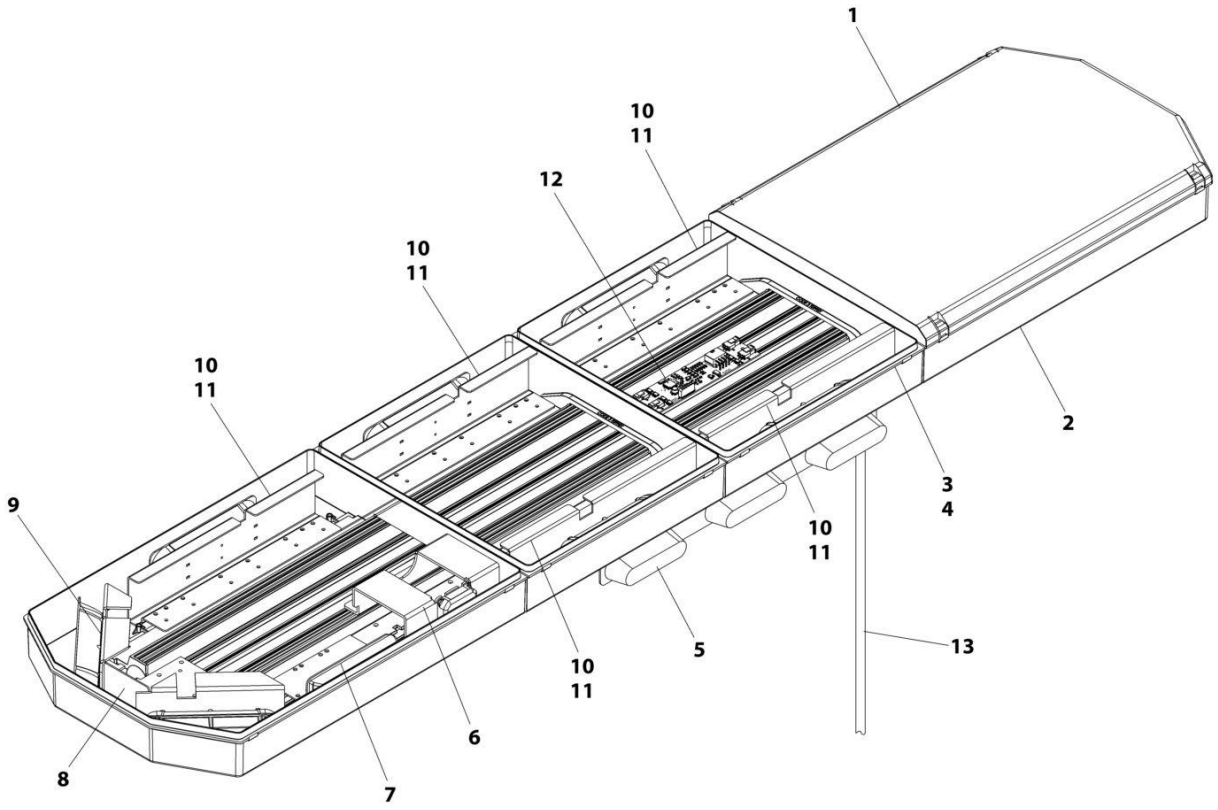


FIGURE 7-40. LIGHTS - LIGHTBAR ASSEMBLY - CODE 3 60IN AMBER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001136990	Ref	LIGHTS - LAMP ASSEMBLY - 58IN AMBER CODE3	D
1	9590310197	2	Lens, Clear Upper Outboard	
2	9590310200	2	Lens, Clear, Lower Outboard	
3	9590310203	2	Lens, Clear Lower Center	
4	9590310195	2	Lens, Clear Upper Center	
5	1001126269	1	3 Light D.O.T. Strip	
6	70050164	2	Worklight, LED	
7	1001130702	2	Module, LED Stop/Tail/Turn	
8	70050166	4	Bracket, Blank	
9	9590310206	4	Module, Bracket	
10	9590310205	6	Module, Led Amber	
11	9590310202	6	Bracket, Mounting	
12	70050167	1	Controller, General	
13	70050165	1	Cable, Jerr-Dan 9 Wire	
14	70050980	1	Harness, Internal Input (Not Shown)	
15	70050981	1	Harness, Internal Output (Not Shown)	

FIGURE 7-41. LIGHTS - LIGHTBAR ASSEMBLY - WHELEN (72IN)

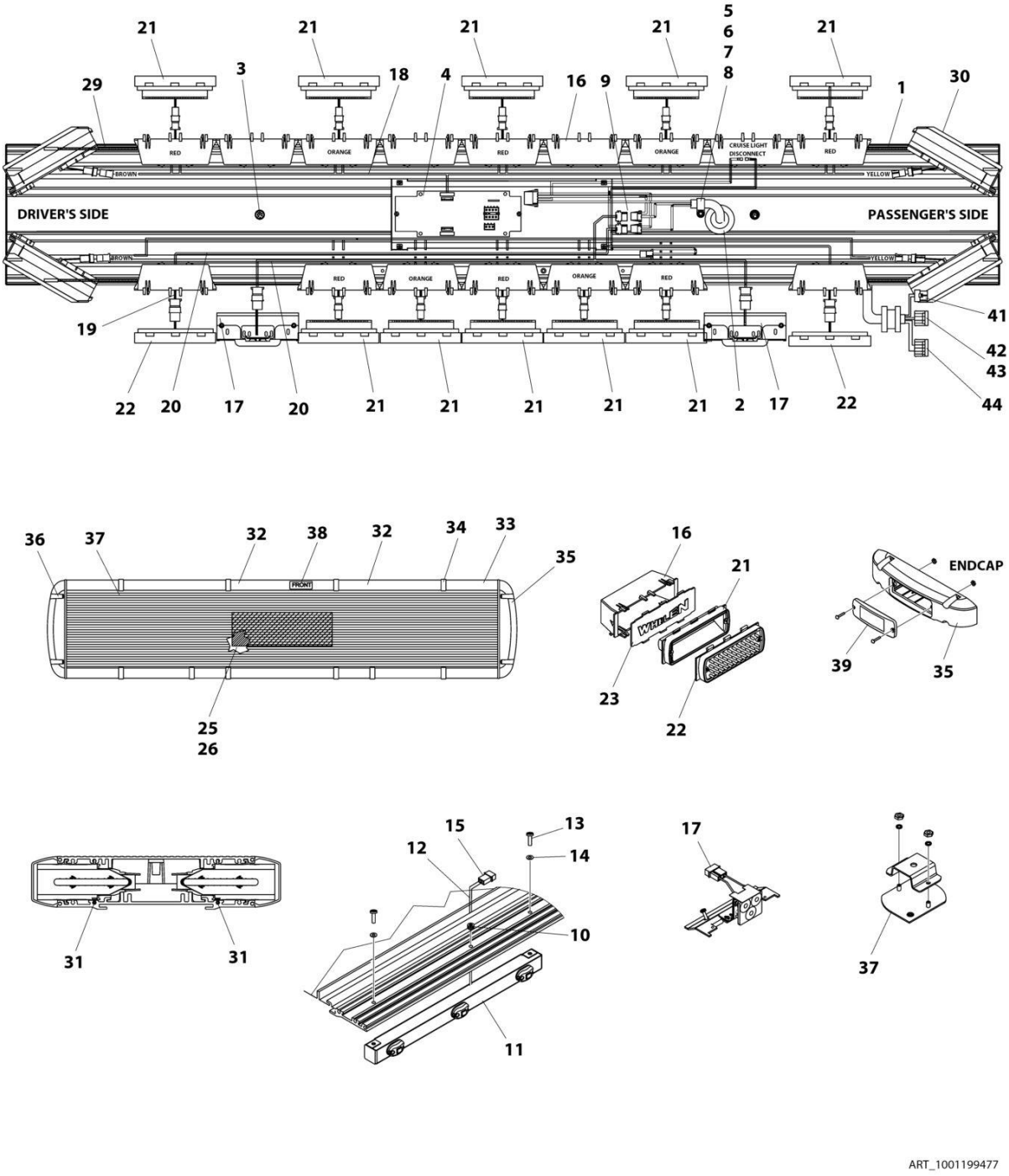
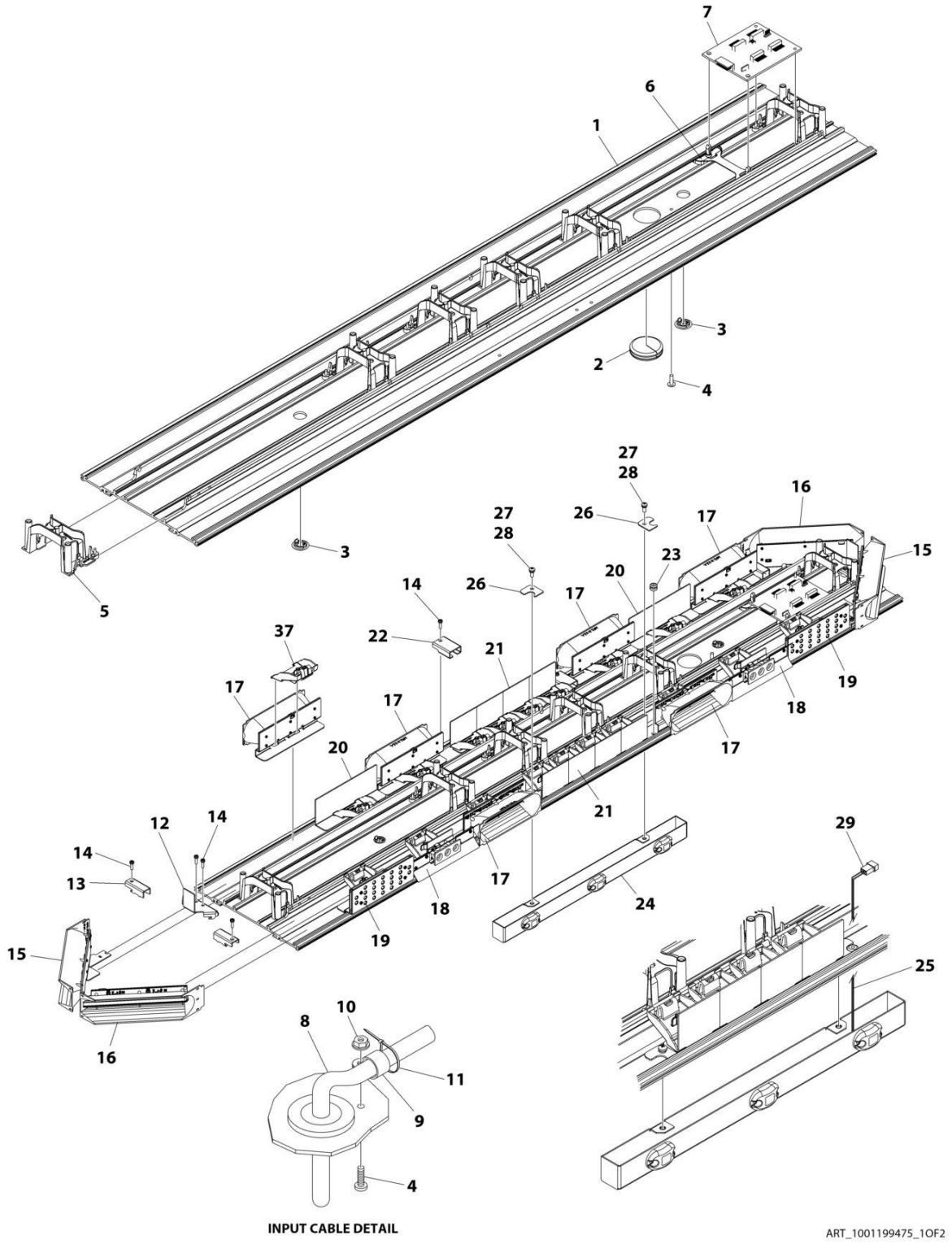
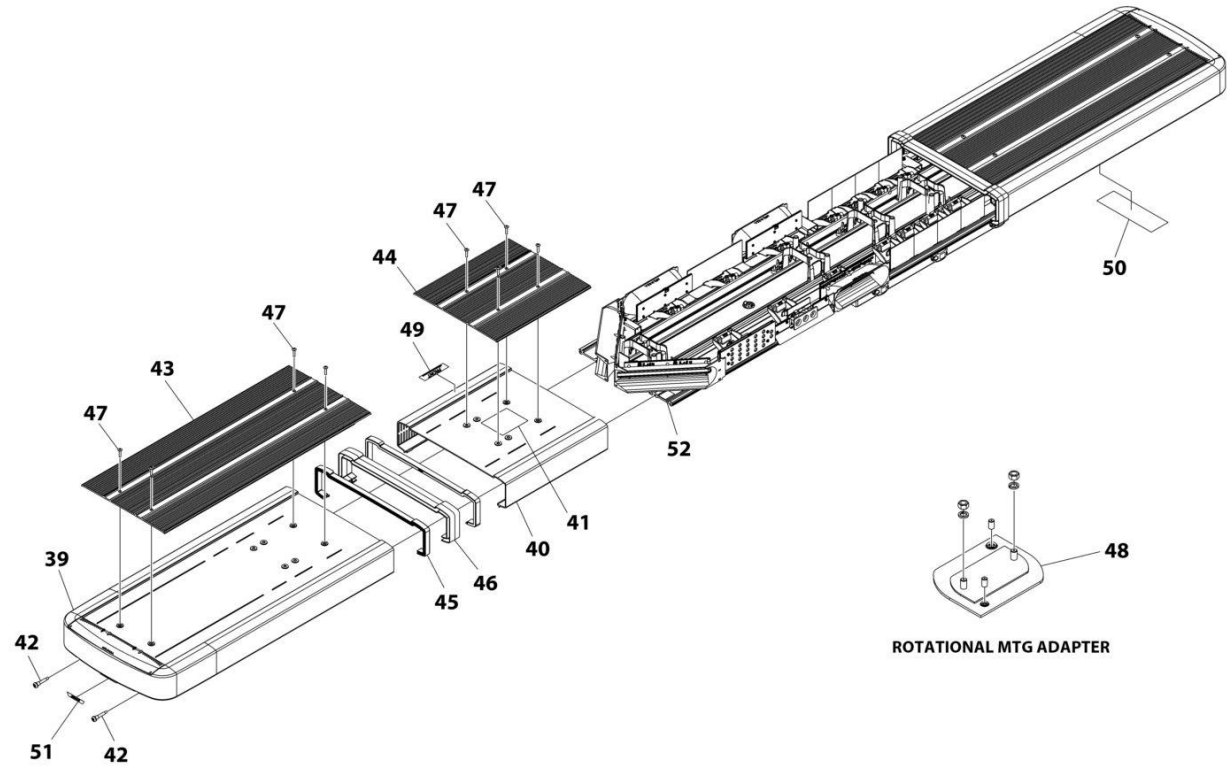


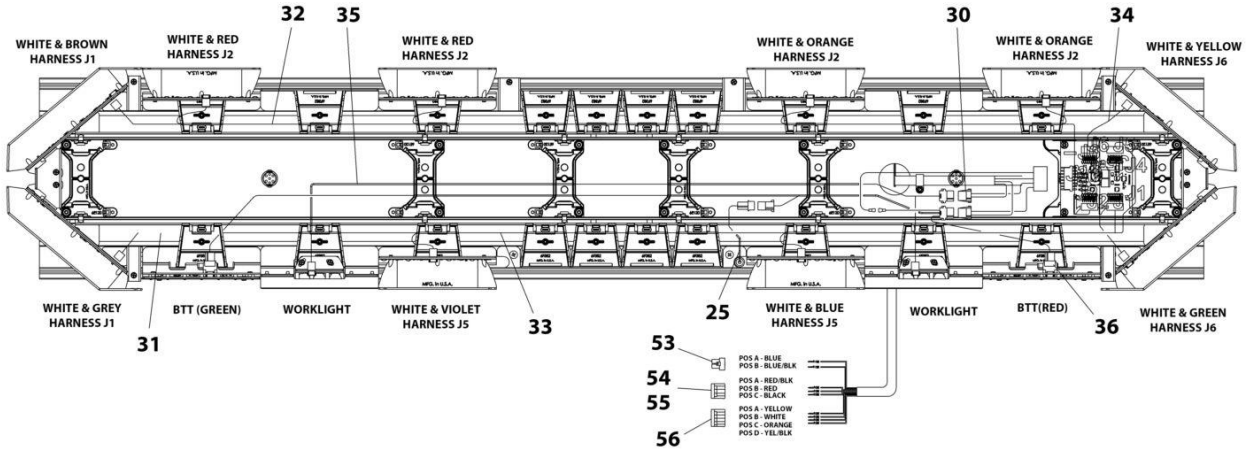
FIGURE 7-41. LIGHTS - LIGHTBAR ASSEMBLY - WHELEN (72IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199477	Ref	Lightbar 72” LED - Whelen	B
1	70050392	1	Base	
2	70050169	1	Grommet	
3	70050170	2	Plug	
4	70050163	1	Assembly, HC I/O Liberty, Jerr-Dan	
5	70050171	1	Cable	
6	70050172	1	Screw #10 x 1	
7	70050393	1	Clamp	
8	70050174	1	Wiznut #10	
9	70050175	2	Housing	
10	70050176	1	Grommet	
11	70050177	1	Light Cluster	
12	70050178	1	Harness	
13	70050179	2	Screw #10 x 1/2	
14	70050180	2	Washer #10	
15	70050181	1	Housing	
16	70050182	16	Housing	
17	70050183	2	LR11 TD Single Full	
18	70050394	2	Harness	
19	70050185	1	Harness	
20	70050186	1	Harness	
21	70050187	10	Light Assembly, LED	
22	70050188	2	500 BTT Max	
23	70050189	4	Panel	
24	70050190	2	End Support Bracket (Not Shown)	
25	70050191	1	Insulator	
26	70050192	1	Decal	
27	70050395	1	Top Cover (Not Shown)	
28	70050194	4	Screw #10 x 3/8 (Not Shown)	
29	70050195	4	Spacer	
30	70050196	4	Corner LED Assembly	
31	70050197	4	Spacer	
32	70050199	6	Lens	
33	70050200	4	Lens	
34	70050201	8	Lens Divider	
35	70050202	2	End Cap	
36	70050203	8	Screw #10 x 1-1/4	
37	70050204	3	Rotational Mtg Adapter	
38	70050205	1	Label, “Front”	
39	70050206	1	Label, Jerr-Dan Logo	
40	70050207	1	Label, Model and Serial Number (Not Shown)	
41	70050208	1	Connector	
42	70050209	1	Connector	
43	70050210	1	Connector	
44	70050211	1	Connector	

FIGURE 7-42. LIGHTS - LIGHTBAR ASSEMBLY - WHELEN 60IN







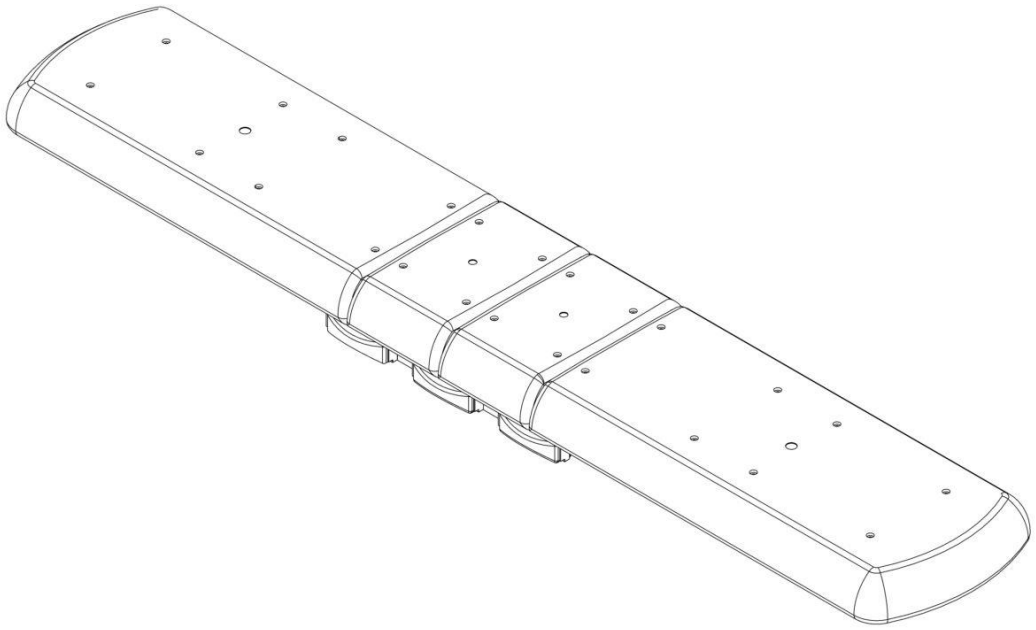
ART_1001199475_2OF2

FIGURE 7-42. LIGHTS - LIGHTBAR ASSEMBLY - WHELEN 60IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199475	Ref	LIGHTS - LAMP ASSEMBLY - 60IN AMBER WHELEN	B
1	70051058	1	Base	
2	70050169	1	Grommet	
3	70050170	2	Plug	
4	70051059	1	Screw #10 x 5/8	
5	70051021	6	Bracket	
6	70051022	1	Bracket	
7	70051023	1	Circuit Board	
8	70051060	1	Cable	
9	70050665	1	Clamp	
10	70050174	1	Nut #10	
11	70051026	AR	Tie Wrap	
12	70051027	2	Bracket	
13	70051035	4	Bracket	
14	70051028	10	Screw #6 x 1/2	
15	70051029	2	Lamp, Rear Amber	
16	70051030	2	Lamp, Front Amber	
17	70051063	6	Lamp, 6 LED	
18	70051064	2	Lamp, 3 LED	
19	70051065	2	Lamp	
20	70051066	2	Bracket	
21	70051036	8	Bracket	
22	70051039	2	Bracket	
23	70050176	1	Grommet	
24	70051068	1	Lamp	
25	70050178	1	Harness	
26	70051069	2	Bracket	
27	70050179	2	Screw #10 x 1/2	
28	70050180	2	Lockwasher #10	
29	70050181	1	Housing	
30	70050175	2	Housing	
31	70051070	1	Harness	
32	70051071	1	Harness	
33	70051072	1	Harness	
34	70051073	1	Harness	
35	70051074	1	Harness	
36	70051075	1	Harness	
37	70051044	20	Bracket	
38	70051045	AR	Tie Wrap (Not Shown)	
39	70051076	1	Lens	
40	70051077	1	Lens	
41	70051078	1	Label	
42	70050203	4	Screw #10 x 1-1/4	
43	70051062	2	Cover	
44	70051061	1	Cover	
45	70051048	4	Seal	
46	70051049	2	Lens	
47	70051053	12	Screw #10 x 7/8	
48	70050204	2	Adapter	
49	70051055	1	Label	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	70050207	1	Label	
51	70051056	2	Label	
52	70051057	1	Label	
53	70050208	1	Housing	
54	70050209	1	Connector	
55	70050210	1	Housing	
56	70050211	1	Housing	

FIGURE 7-43. LIGHTS - LIGHTBAR ASSEMBLY - ECCO AMBER



ART_1001247139

FIGURE 7-43. LIGHTS - LIGHTBAR ASSEMBLY - ECCO AMBER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247139	Ref	LIGHTBAR ASSEMBLY - ECCO	A
	70070000	AR	Module, Amber	
	70070001	1 pr	Light, Work/Alley	
	70070002	1	Cable Kit (Includes 2 Modules, Harness & Stop/Turn/Taillight Cables)	
	70070003	1	PC Board, Driver	

FIGURE 7-44. LIGHTS - LIGHTBAR HARNESS (CAB MOUNTED)

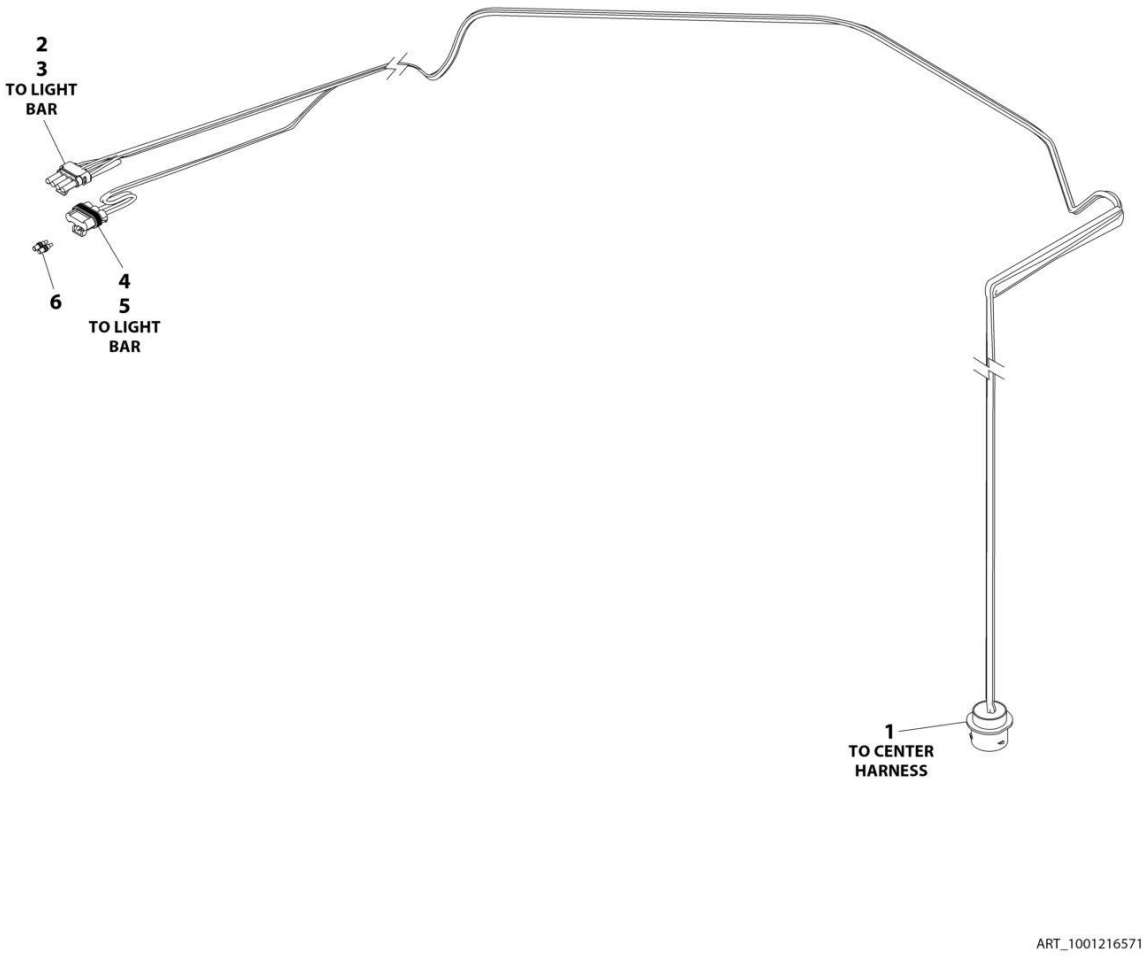


FIGURE 7-44. LIGHTS - LIGHTBAR HARNESS (CAB MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216571	Ref	LIGHTBAR HARNESS (CAB MOUNTED)	A
1	NPN	1	Connector - 18 Position	
1	91143339	1	Pin, Male	
1	4460464	3	Pin, Male	
1	4460508	1	Pin, Male	
1	4460941	1	Plug, Terminal	
1	4460466	12	Plug, Terminal	
2	4460850	4	Terminal	
3	4460460	1	Connector - 4 Position	
3	4460457	4	Terminal	
3	NPN	4	Seal	
4	NPN	3	Terminal	
5	8220935	1	Connector - 3 Position	
5	8220099	3	Terminal	
5	7346000108	1	Lock	
5	NPN	AR	Seal	
5	NPN	AR	Seal	
6	4460867	1	Connector - 2 Position	
6	1001116727	2	Terminal	

FIGURE 7-45. LIGHTS - MARKER LIGHTS INSTALLATION (TANDEM)

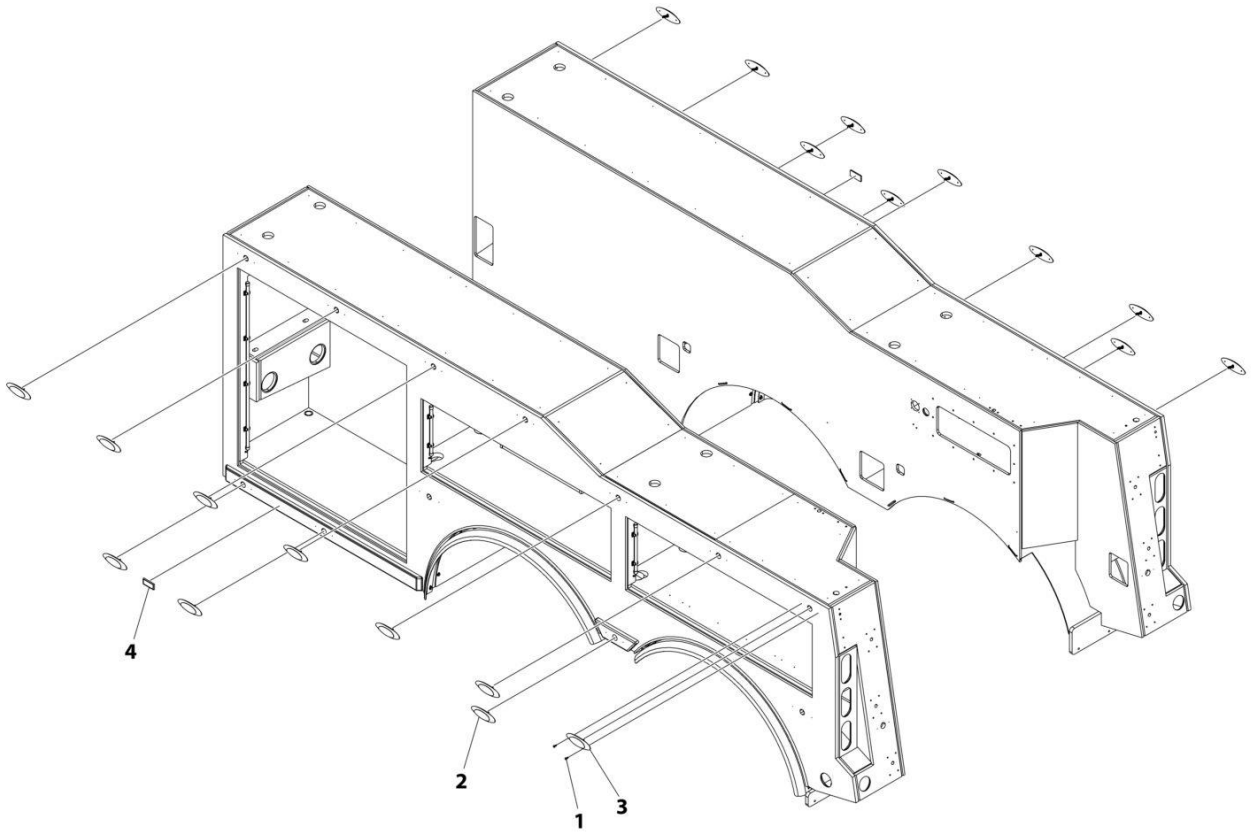


FIGURE 7-45. LIGHTS - MARKER LIGHTS INSTALLATION (TANDEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289474	Ref	MARKER LIGHTS INSTALLATION - BODY (TANDEM)	A
1	1001192958	40	Screw #10 x 1/2	
2	7590000358	18	Light	
3	7590000359	2	Light	
4	7736000001	2	Reflector	

FIGURE 7-46. LIGHTS - MARKER LIGHTS INSTALLATION (TRI-AXLE)

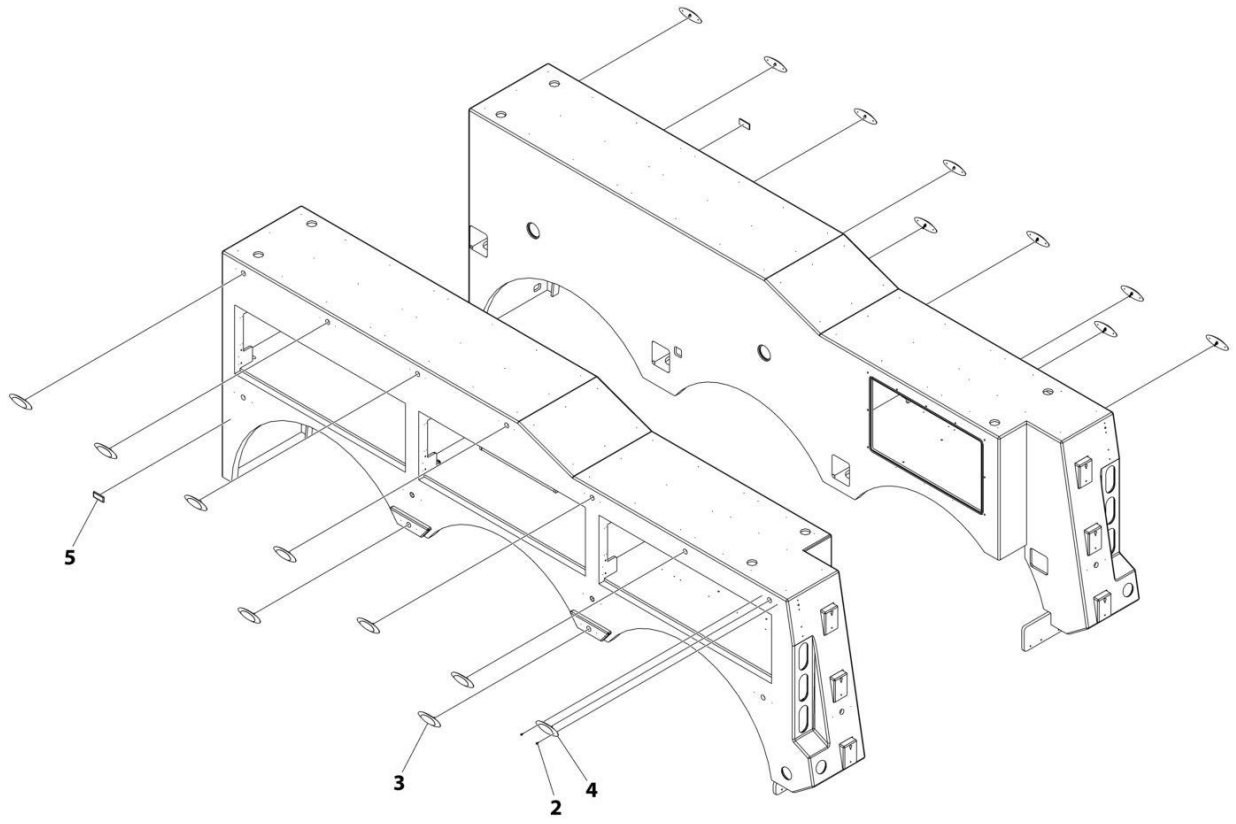
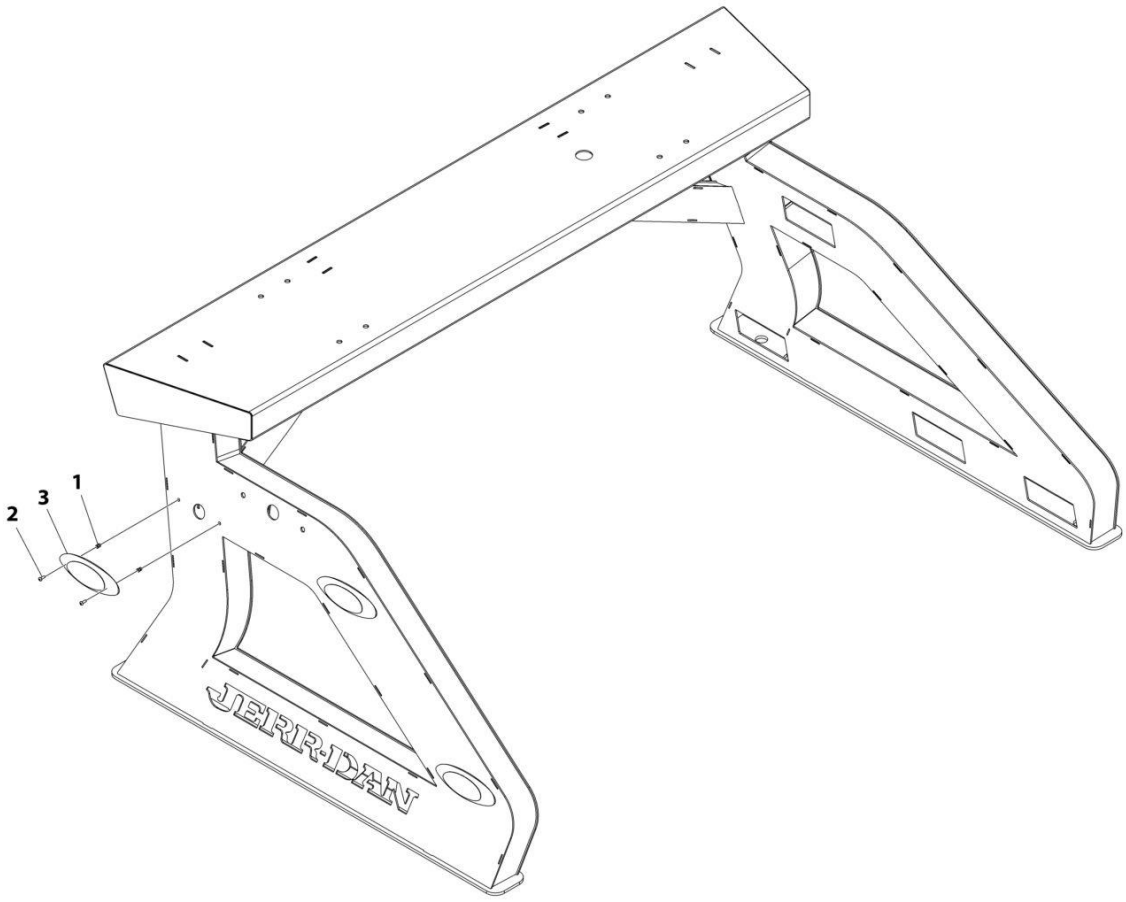


FIGURE 7-46. LIGHTS - MARKER LIGHTS INSTALLATION (TRI-AXLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196594	Ref	MARKER LIGHTS INSTALLATION - BODY (TRI-AXLE)	D
2	1001192958	36	Screw #10 x 1/2	
3	7590000358	16	Light	
4	7590000359	2	Light	
5	7736000001	2	Reflector	

FIGURE 7-47. LIGHTS - MARKER LIGHTS INSTALLATION - PYLON



ART_1001207488

FIGURE 7-47. LIGHTS - MARKER LIGHTS INSTALLATION - PYLON

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207488	Ref	MARKER LIGHTS INSTALLATION - PYLON	B
1	1001151546	12	Nut #8	
2	7114080418	12	Screw #8 x 1/2	
3	7590000358	6	Light, Marker - Amber	

FIGURE 7-48. LIGHTS - MARKER LIGHTS INSTALLATION - SS-70 STABILIZER FILLER PANEL

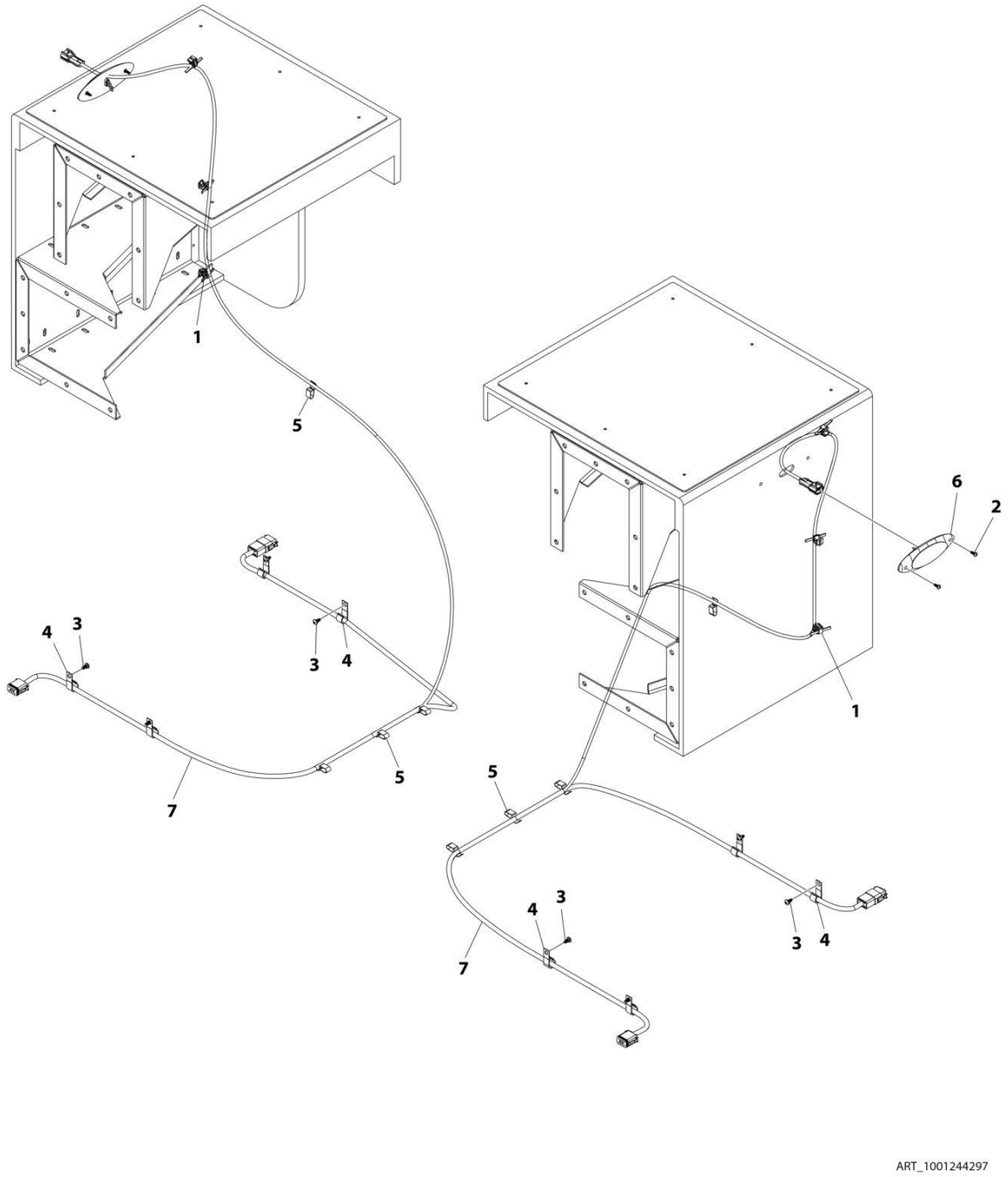


FIGURE 7-48. LIGHTS - MARKER LIGHTS INSTALLATION - SS-70 STABILIZER FILLER PANEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244297	Ref	MARKER LIGHT INSTALLATION	A
1	1001152419	6	Clip (Two Piece)	
2	1001192958	4	Screw #10 x 1/2	
3	1001195257	8	Screw 1/4 x 1/2	
4	7280000006	8	Clip	
5	7280000013	8	Clip	
6	7590000358	2	Light, Marker	
7	1001244216	2	Marker Light Harness - SS70 Filler Panel (See Separate Breakdown in this Section)	

FIGURE 7-49. LIGHTS - MARKER LIGHTS INSTALLATION - TUNNEL (DOUBLE)

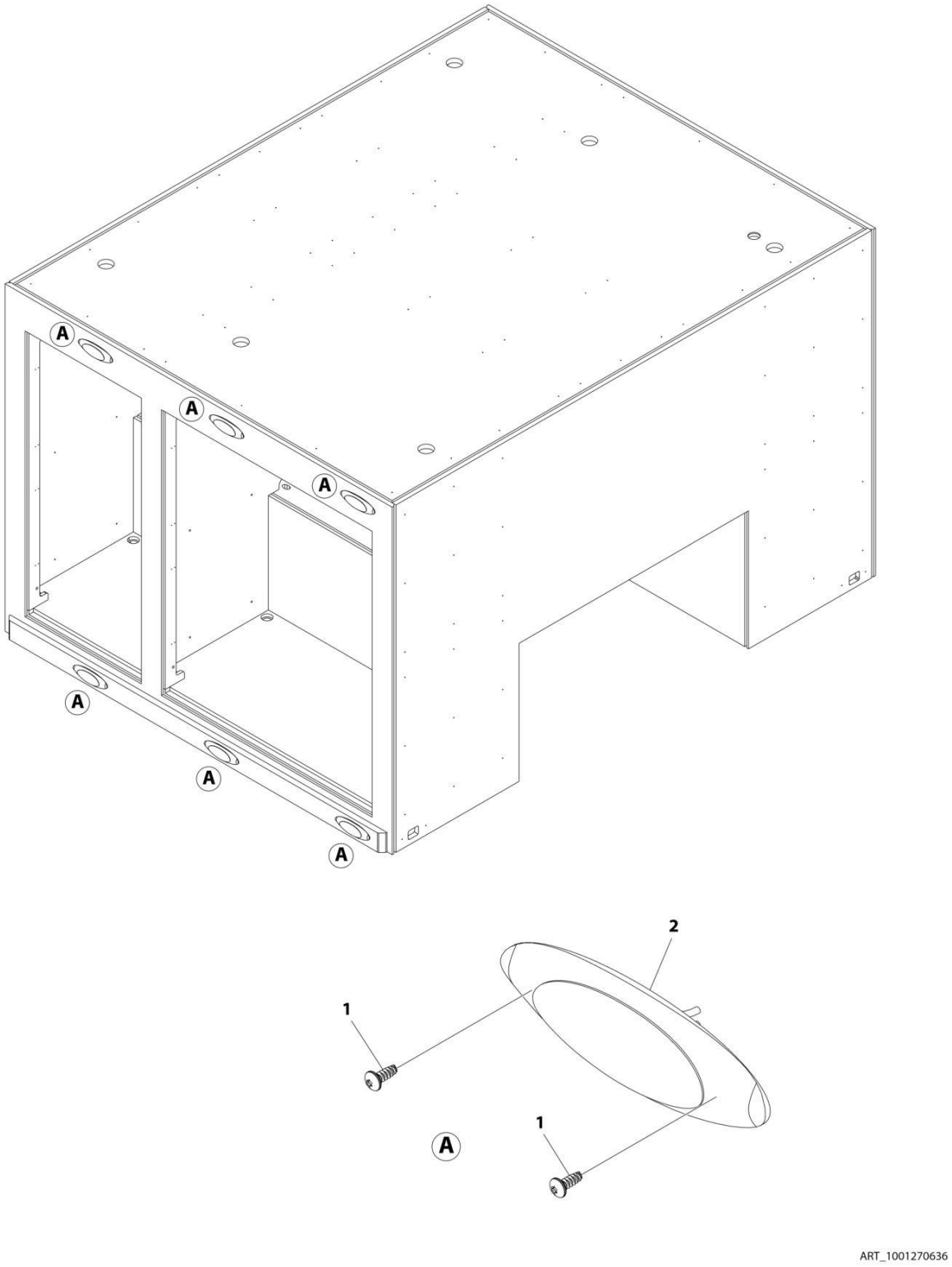


FIGURE 7-49. LIGHTS - MARKER LIGHTS INSTALLATION - TUNNEL (DOUBLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270636	Ref	MARKER LIGHTS INSTALLATION (DOUBLE)	A
1	1001192958	24	Screw #10 x 1/2	
2	7590000358	12	Light	

FIGURE 7-50. LIGHTS - MARKER LIGHTS INSTALLATION - TUNNEL

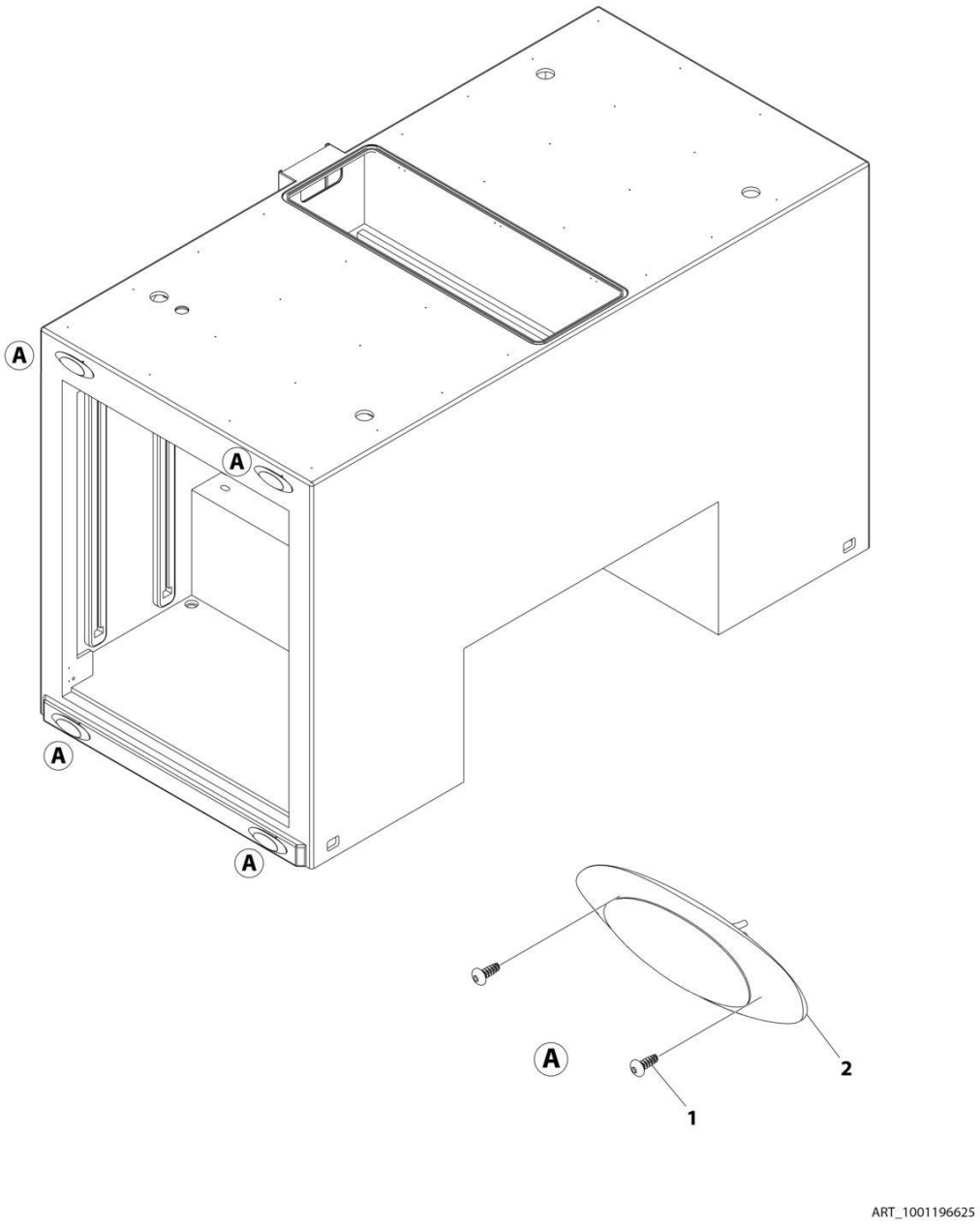


FIGURE 7-50. LIGHTS - MARKER LIGHTS INSTALLATION - TUNNEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196625	Ref	LIGHTS - MARKER LIGHTS INSTALLATION, 48IN TUNNEL	D
1	1001192958	16	Screw #10 x 1/2	
2	7590000358	8	Light	

FIGURE 7-51. LIGHTS - MARKER LIGHT INSTALLATION (TUNNEL FRONT WITHOUT DIAMOND)

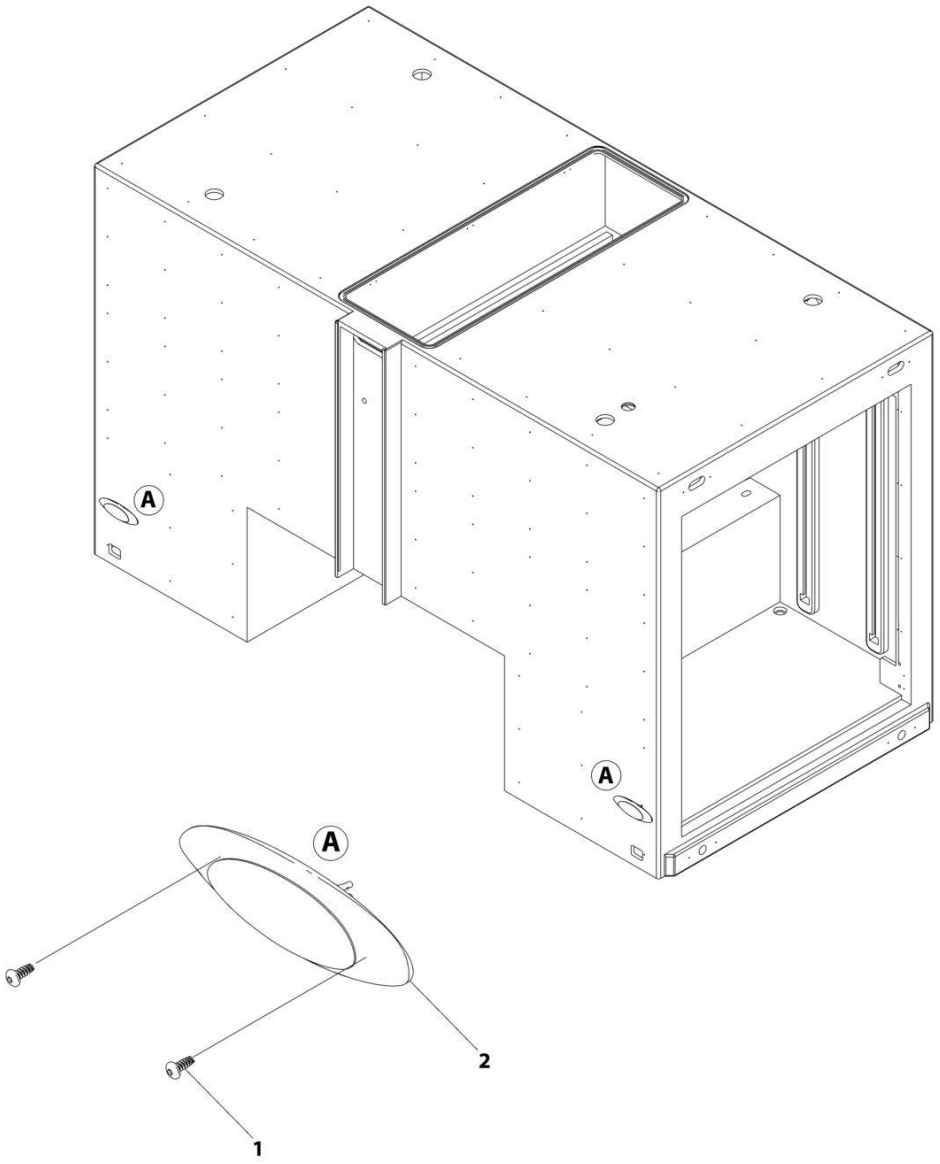


FIGURE 7-51. LIGHTS - MARKER LIGHT INSTALLATION (TUNNEL FRONT WITHOUT DIAMOND)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219785	Ref	NO FRONT DIAMOND, MARKER ONLY	E
1	1001192958	4	Screw #10 x 1/2	
2	7590000358	2	Light	

FIGURE 7-52. LIGHTS - MARKER 1 HARNESS (TANDEM)

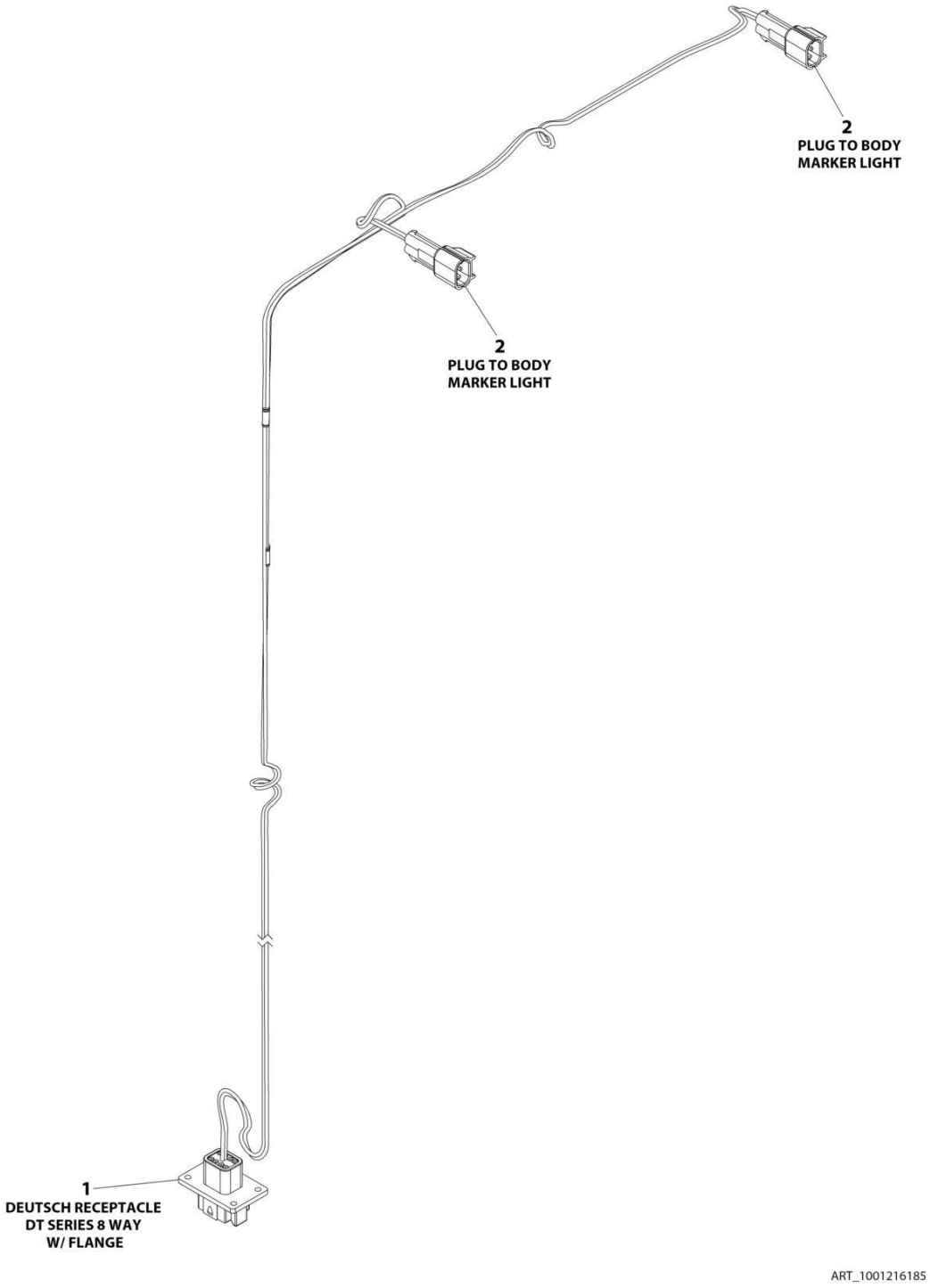


FIGURE 7-52. LIGHTS - MARKER 1 HARNESS (TANDEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216185	Ref	MARKER LIGHT 1 HARNESS (TANDEM)	B
1	1001269275	1	Connector	
1	80604024	1	Wedge, Locking	
1	4460464	2	Pin	
1	4460466	2	Plug	
1	NPN	1	Gasket	
2	1001117026	2	Connector	
2	NPN	1	Wedge, Locking	
2	1001116745	4	Socket	
2	4460458	4	Seal	

FIGURE 7-53. LIGHTS - MARKER 1 HARNESS (TRI-AXLE)

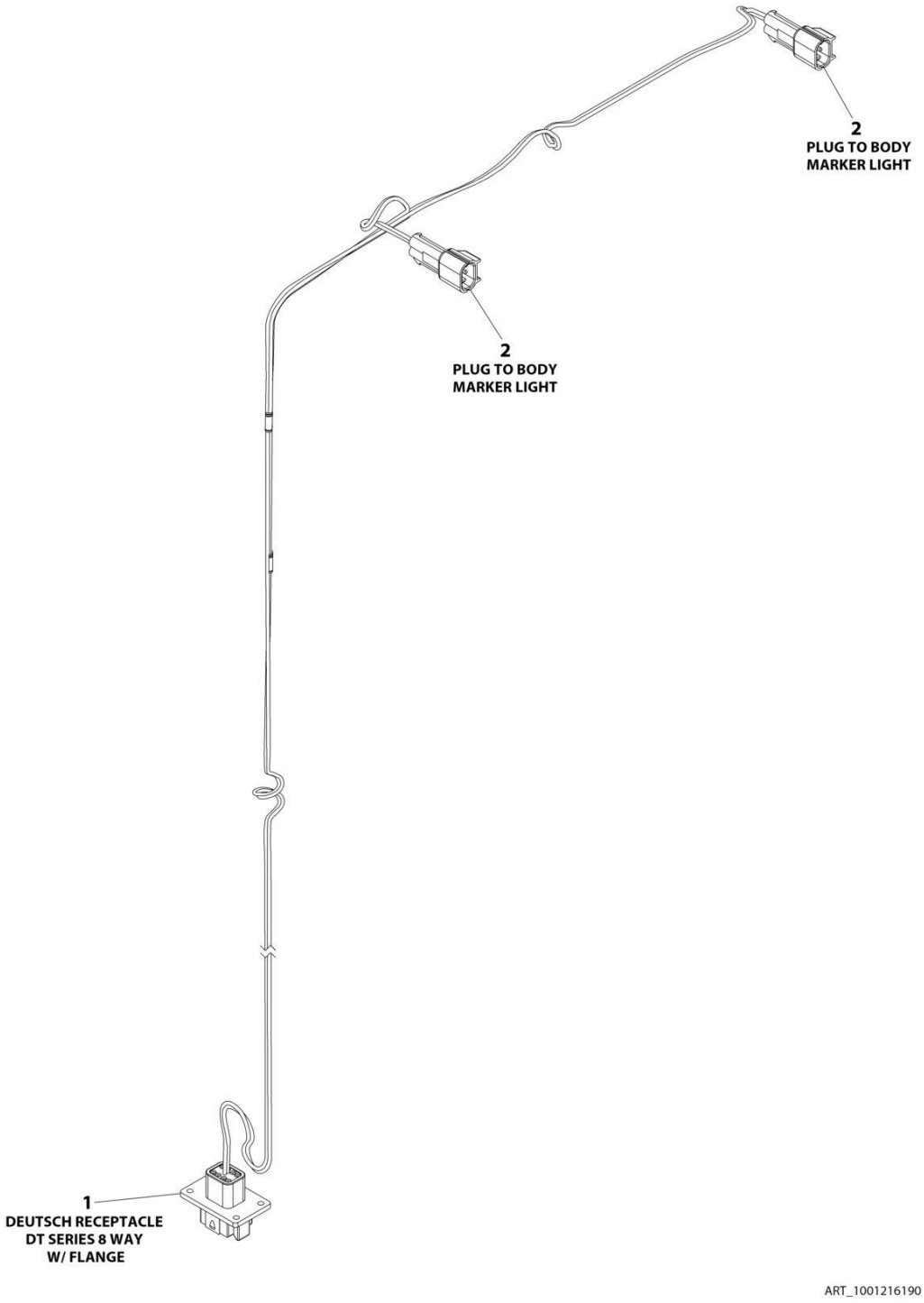


FIGURE 7-53. LIGHTS - MARKER 1 HARNESS (TRI-AXLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216190	Ref	MARKER LIGHT 1 HARNESS (TRI)	A
1	1001269275	1	Connector	
1	80604024	1	Wedge, Locking	
1	4460464	2	Pin	
1	4460466	5	Plug	
1	NPN	1	Gasket	
2	1001117026	2	Connector	
2	NPN	2	Wedge, Locking	
2	1001116745	4	Socket	
2	4460458	4	Seal	

FIGURE 7-54. LIGHTS - MARKER 2 HARNESS (TANDEM)

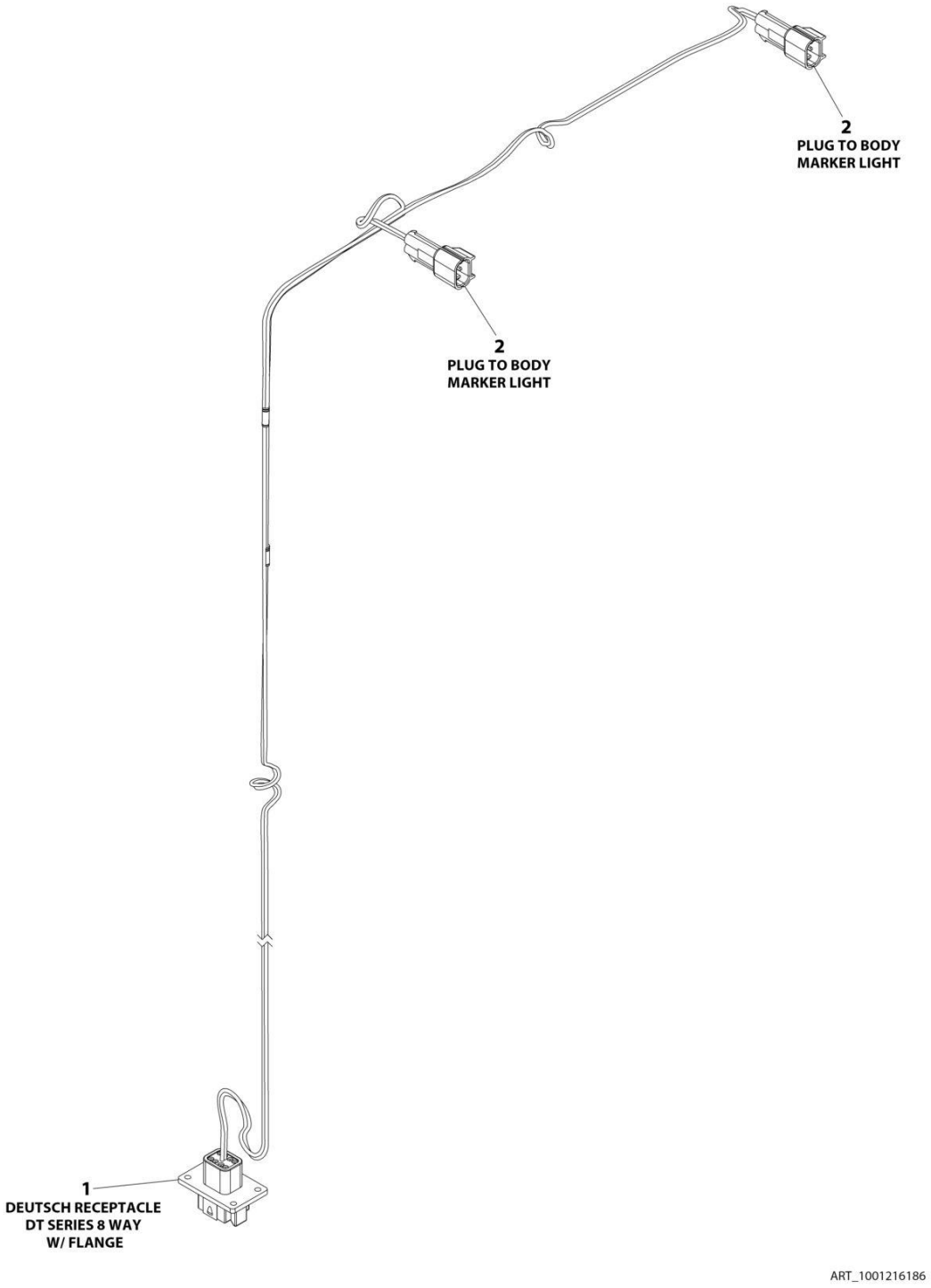


FIGURE 7-54. LIGHTS - MARKER 2 HARNESS (TANDEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216186	Ref	MARKER LIGHT 2 HARNESS (TANDEM)	A
1	1001269275	1	Connector	
1	80604024	1	Wedge, Locking	
1	4460464	2	Pin	
1	4460466	5	Plug	
1	NPN	1	Gasket	
2	1001117026	2	Connector	
2	NPN	1	Wedge, Locking	
2	1001116745	4	Socket	
2	4460458	4	Seal	

FIGURE 7-55. LIGHTS - MARKER 2 HARNESS (TRI-AXLE)

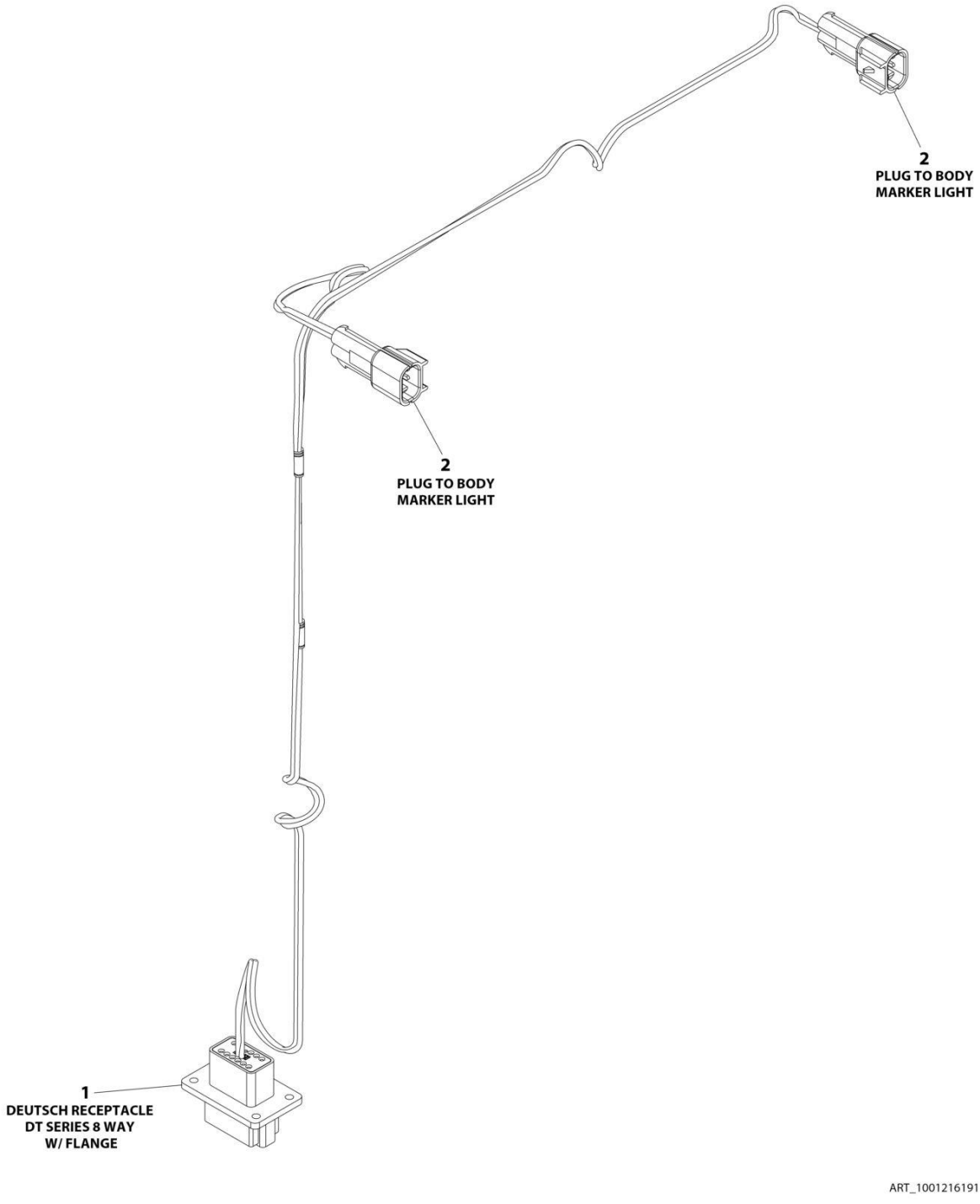


FIGURE 7-55. LIGHTS - MARKER 2 HARNESS (TRI-AXLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216191	Ref	MARKER LIGHT 2 HARNESS (TRI)	A
1	4460939	1	Connector	
1	80363179	1	Wedge, Locking	
1	4460464	2	Pin	
1	4460466	6	Plug	
1	NPN	1	Gasket	
2	1001117026	2	Connector	
2	NPN	2	Wedge, Locking	
2	1001116745	4	Socket	
2	4460458	4	Seal	

FIGURE 7-56. LIGHTS - MARKER 3 HARNESS

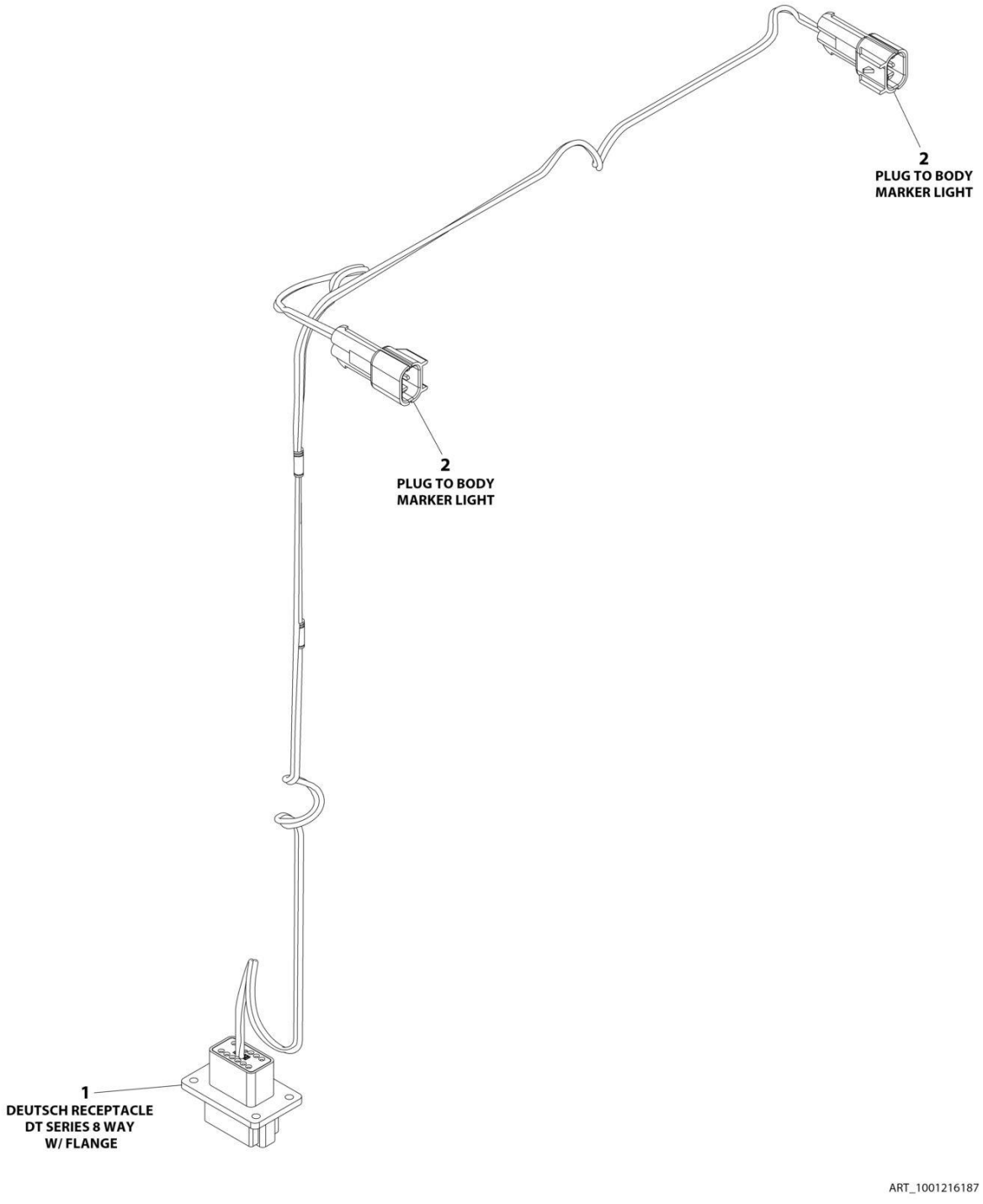


FIGURE 7-56. LIGHTS - MARKER 3 HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216187	Ref	MARKER LIGHT 3 HARNESS	A
1	4460939	1	Connector	
1	80604024	1	Wedge, Locking	
1	4460464	1	Pin	
1	4460466	6	Plug	
1	NPN	1	Gasket	
2	1001117026	2	Connector	
2	NPN	1	Wedge, Locking	
2	1001116745	4	Socket	
2	4460458	4	Seal	

FIGURE 7-57. LIGHTING HARNESS (SS-70 NO PANEL)

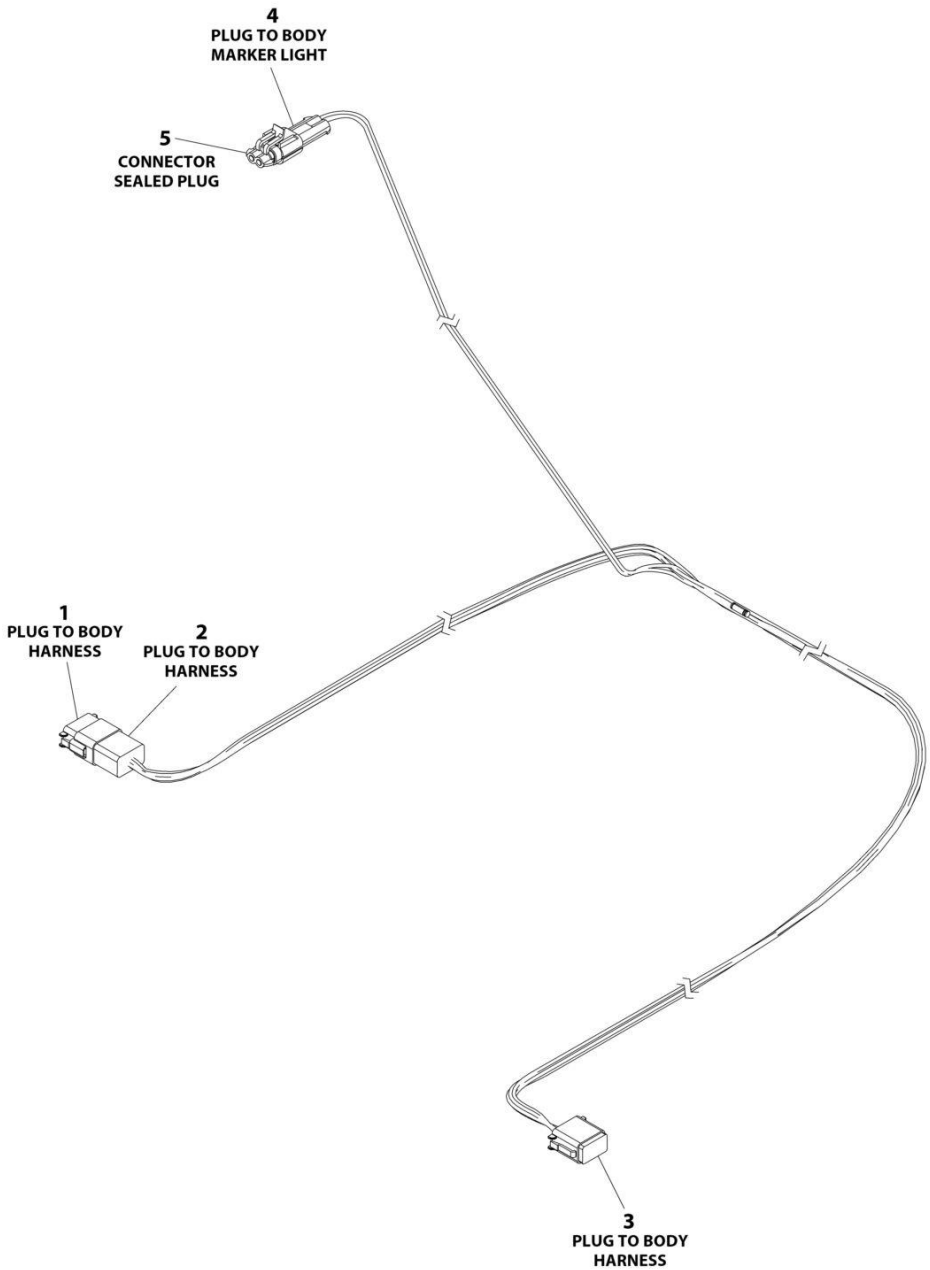


FIGURE 7-57. LIGHTING HARNESS (SS-70 NO PANEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244216	Ref	LIGHTS - LIGHTING HARNESS (SS-70 NO PANEL)	B
1	4460930	1	Plug, Male - 8 Position	
1	4460466	8	Plug, Terminal	
2	4460931	1	Receptacle, Female - 8 Position	
2	4460464	4	Pin, Male	
2	4460941	2	Pin, Male	
2	4460466	2	Plug, Terminal	
3	4460930	1	Plug, Male - 8 Position	
3	4460465	4	Socket, Female	
3	4460942	2	Socket, Female	
3	4460466	2	Plug, Terminal	
4	NPN	1	Receptacle, Female - 2 Position	
4	NPN	2	Terminal	
5	1001117021	1	Plug, Male	
5	1001116727	2	Terminal	

FIGURE 7-58. LIGHTS - WING LIGHTS MOUNT ONLY INSTALLATION

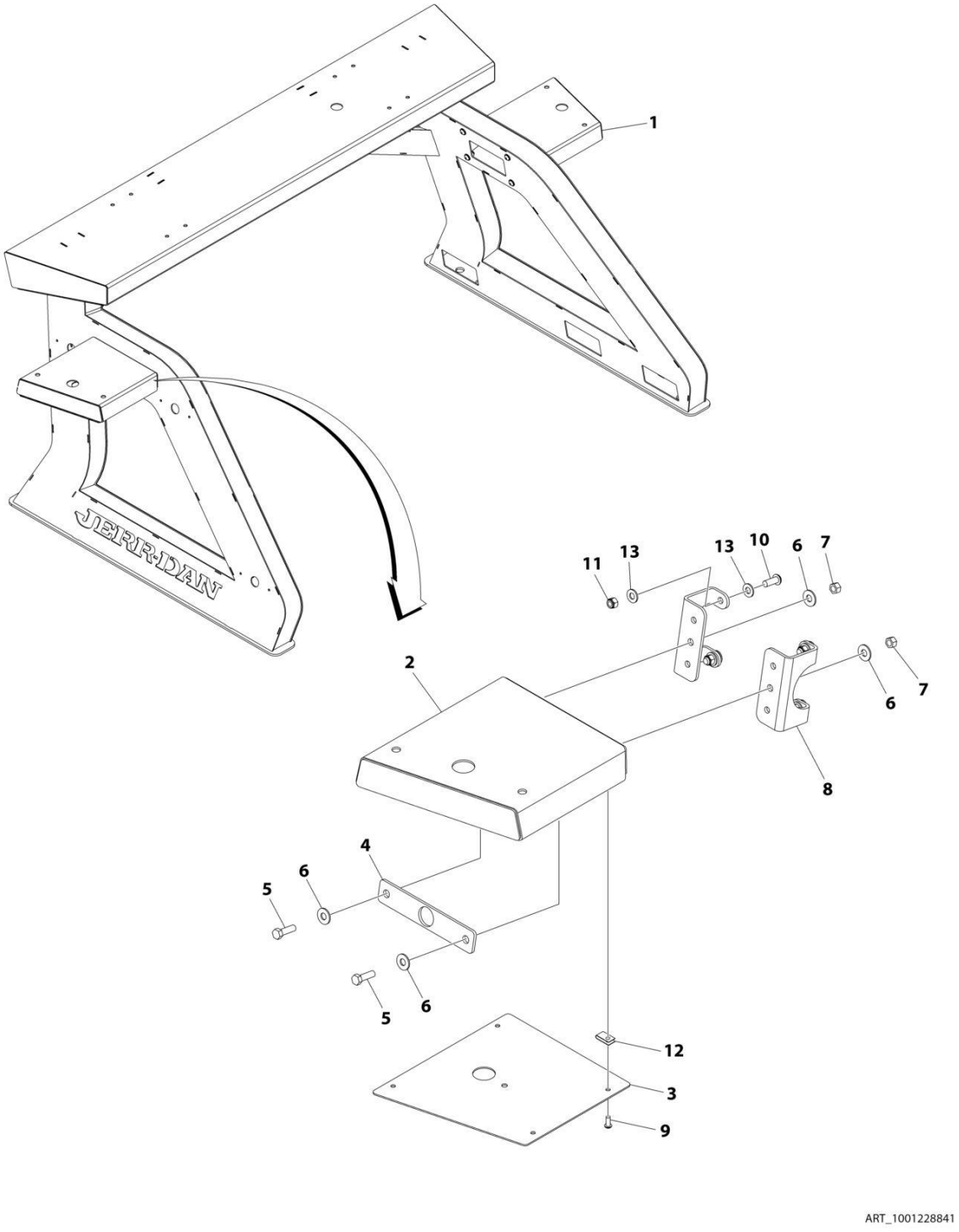


FIGURE 7-58. LIGHTS - WING LIGHTS MOUNT ONLY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228841	Ref	Wing Light Bracket Installation	A
1	1001228844	1	Mount, RH	
2	1001228845	1	Mount, LH	
3	1001213110	2	Plate	
4	1001214129	2	Plate	
5	0641610	4	Capscrew 3/8 x 1-1/4	
6	4751600	8	Washer 3/8	
7	3271605	4	Nut 3/8	
8	1001228828	4	Gusset, Support	
9	7114140518	8	Screw 1/4 5/8	
10	7114160818	8	Screw 3/8 x 1	
11	7660162601	8	Nut 3/8	
12	7661000019	8	U-Nut 1/4	
13	7950160143	16	Washer 3/8	

FIGURE 7-59. LIGHTS - WING LIGHTS INSTALLATION (WHELEN)

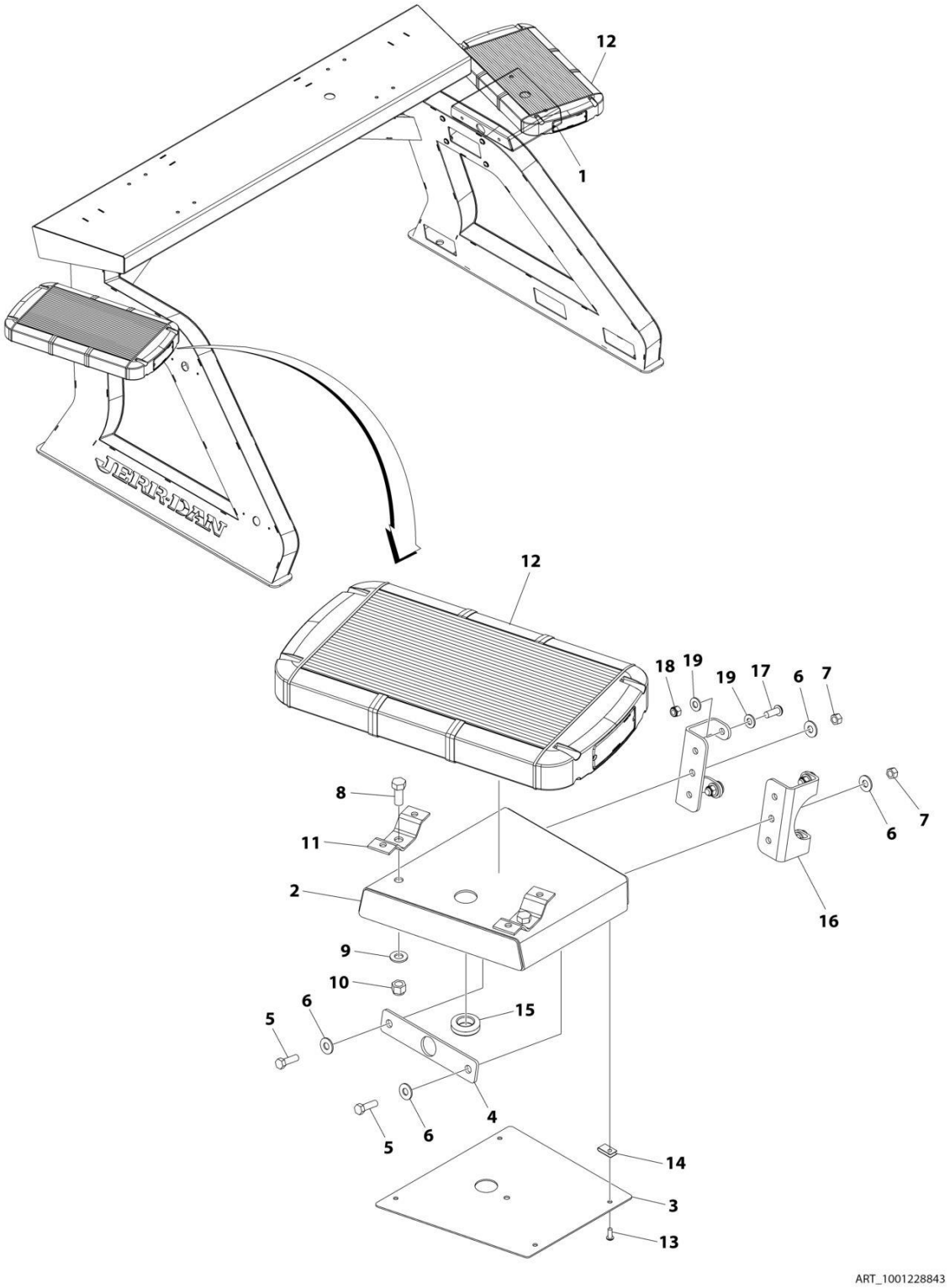


FIGURE 7-59. LIGHTS - WING LIGHTS INSTALLATION (WHELEN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228843	Ref	LIGHTS - WING LIGHT AMBER WHELEN, 22IN	A
1	1001228844	1	Mount, RH	
2	1001228845	1	Mount, LH	
3	1001213110	2	Plate	
4	1001214129	2	Plate	
5	0641610	4	Capscrew 3/8 x 1-1/4	
6	4751600	8	Washer 3/8	
7	3271605	4	Nut 3/8	
8	0641810	4	Capscrew 1/2 x 1-1/4	
9	4711800	4	Washer 1/2	
10	7660182601	4	Nut 1/2	
11	4178000402	4	Bracket	
12	1001199478	2	Whelen Light Bar (See Separate Breakdown in this Section)	
13	7114140518	8	Screw 1/4 5/8	
14	7661000019	8	U-Nut 1/4	
15	7493000011	2	Grommet	
16	1001228828	4	Gusset, Support	
17	7114160818	4	Screw 3/8 x 1	
18	7660162601	8	Nut 3/8	
19	7950160143	16	Washer 3/8	

FIGURE 7-60. LIGHTS - WING LIGHTS ASSEMBLY - 22IN AMBER (WHELEN)

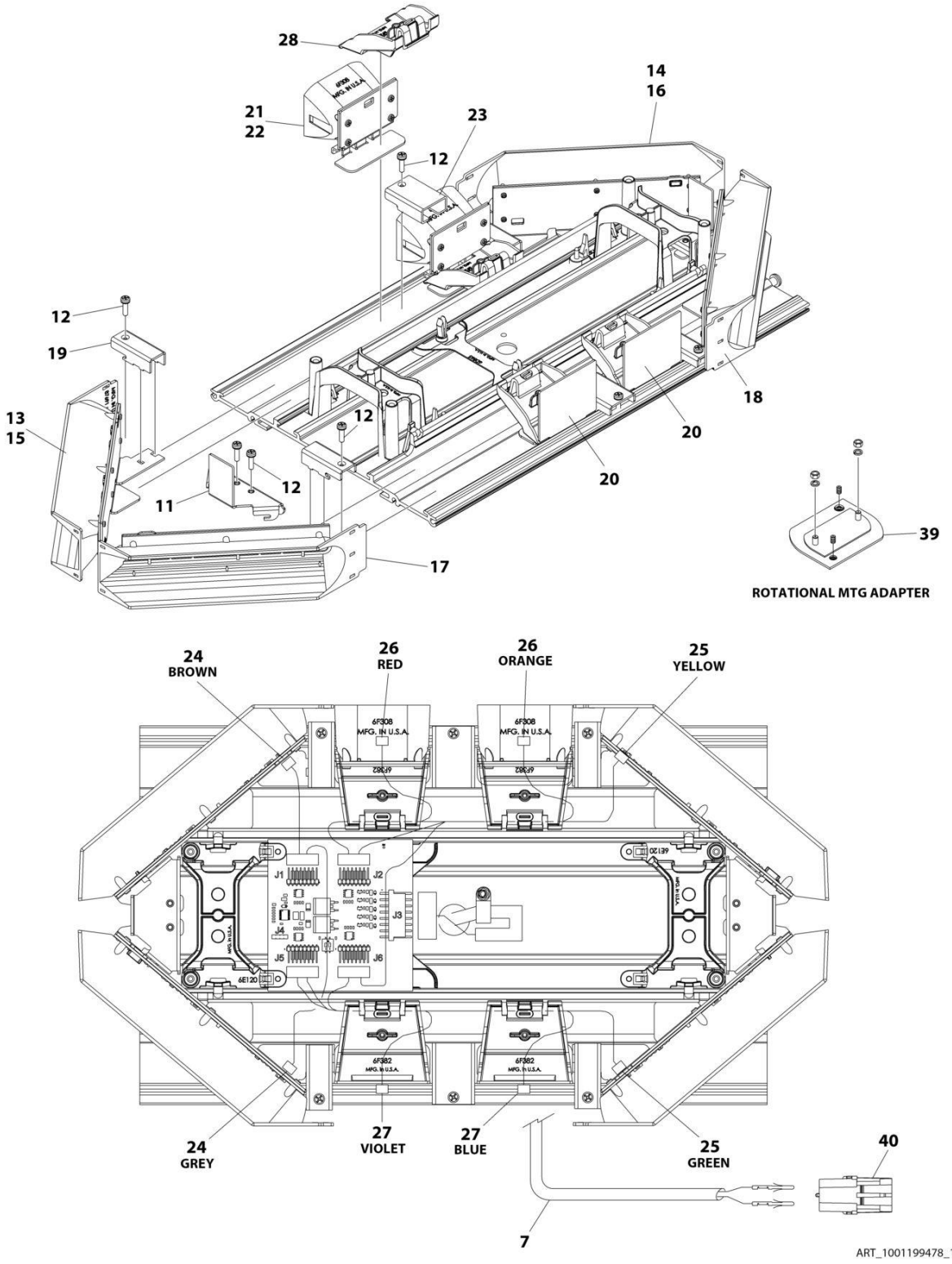


FIGURE 7-61. LIGHTS - WING LIGHTS ASSEMBLY - 22IN AMBER (WHELEN)

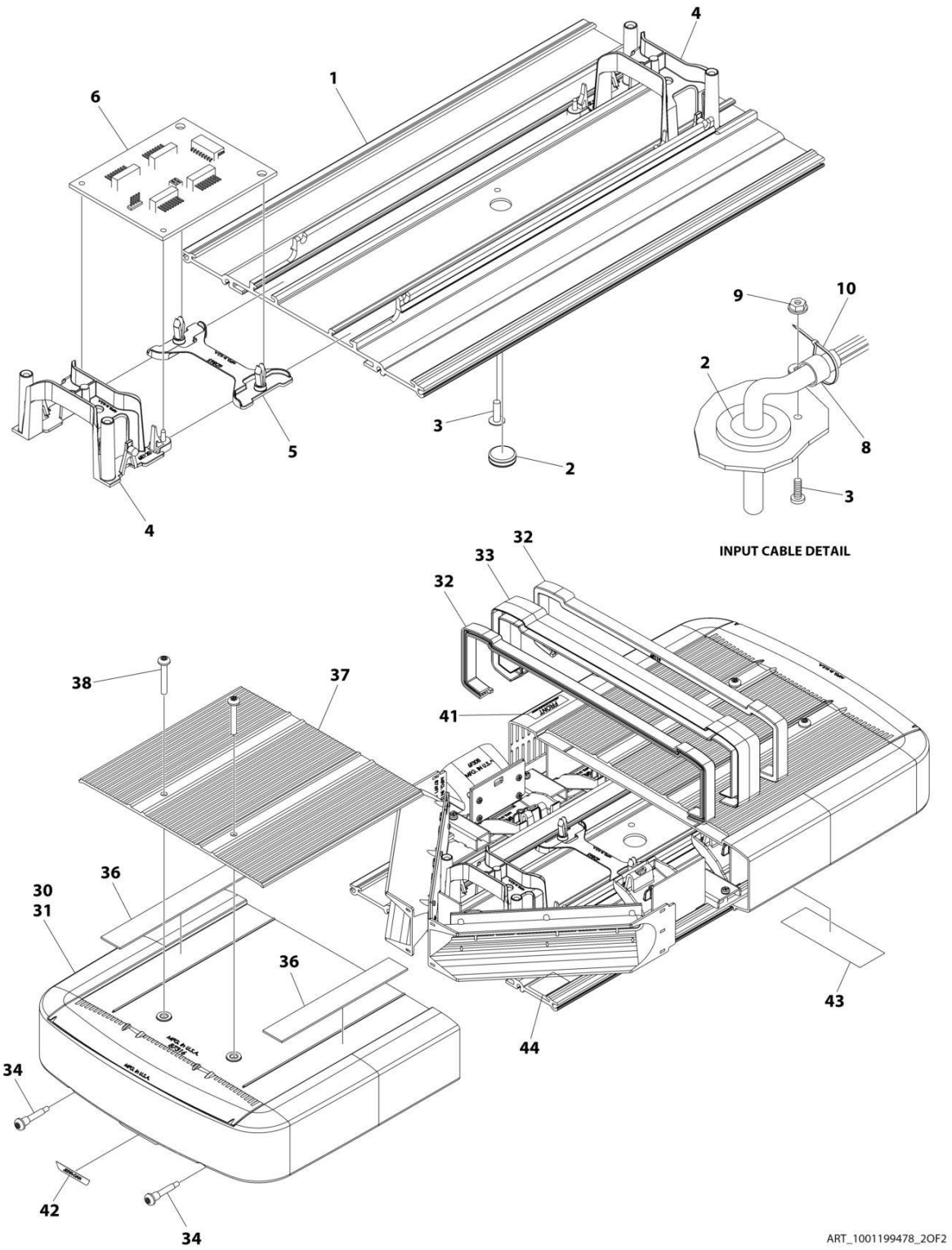


FIGURE 7-61. LIGHTS - WING LIGHTS ASSEMBLY - 22IN AMBER (WHELEN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199478	Ref	LIGHTS - LAMP ASSEMBLY - 22IN WHELEN WING LIGHT	B
1	70051019	1	Base	
2	70050169	1	Grommet	
3	70051020	1	Screw #10 x 7/8	
4	70051021	2	Bracket, Bulkhead Lens Mount	
5	70051022	1	Bracket, I/O Anchor	
6	70051023	1	Assembly, I/O BD Mini	
7	70051024	1	Assembly, Cable	
8	70051025	1	Clamp, Cable	
9	70050174	1	Nut #10	
10	70051026	AR	Tie Wrap	
11	70051027	2	Bracket, End Clamp	
12	70051028	10	Screw #6 x 1/2	
13	70051029	1	Assy, Corner L-Front/R-Rear Amber	
14	70051030	1	Assy, Corner L-Rear/R-Front Amber	
15	70051031	1	Assy, Corner L-Front/R-Rear Blue	
16	70051032	1	Assy, Corner L-Rear/R-Front Blue	
17	70051033	1	Assembly, Blank Rear Drvr Corner	
18	70051034	1	Assembly, Blank Rear Pass Corner	
19	70051035	4	Bracket, Corner Clamp	
20	70051036	2	Bracket, Half Filler	
21	70051037	2	Sub Assy, Short Directional Amber	
22	70051038	2	Sub Assy, Short Directional Blue	
23	70051039	2	Bracket, Filler	
24	70051040	1	Assembly, Harness	
25	70051041	1	Assembly, Harness	
26	70051042	1	Assembly, Harness	
27	70051043	1	Assembly, Harness	
28	70051044	4	Bracket, Snap-In	
29	70051045	AR	Tie Wrap (Not Shown)	
30	70051046	2	Sub Assy, Cut Dome Clear	
31	70051047	2	Sub Assy, Cut Dome Blue	
32	70051048	2	Seal, Lens Divider	
33	70051049	1	Divider, Lens	
34	70051050	4	Screw #10 x 1-1/4	
36	70051051	4	Tape, VHB Endcap Trim Mount	
37	70051052	2	Cover	
38	70051053	4	Screw #10 x 7/8	
39	70050204	2	Kit, Rotational MTG Adapter Jerr-Dan	
40	70051054	1	Housing, 2 POS Male Weather-Pack Sealed	
41	70051055	1	Label, "Front" Lightbar Assys	
42	70051056	2	Label, Jerr-Dan Liberty II	
43	70050207	1	Label, MN/SN Jerr-Dan Lightbar	
44	70051057	1	Label, Serial Number Liberty II Series	

FIGURE 7-62. LIGHTS - WORKLIGHT LIGHTS INSTALLATION - UNDERLIFT

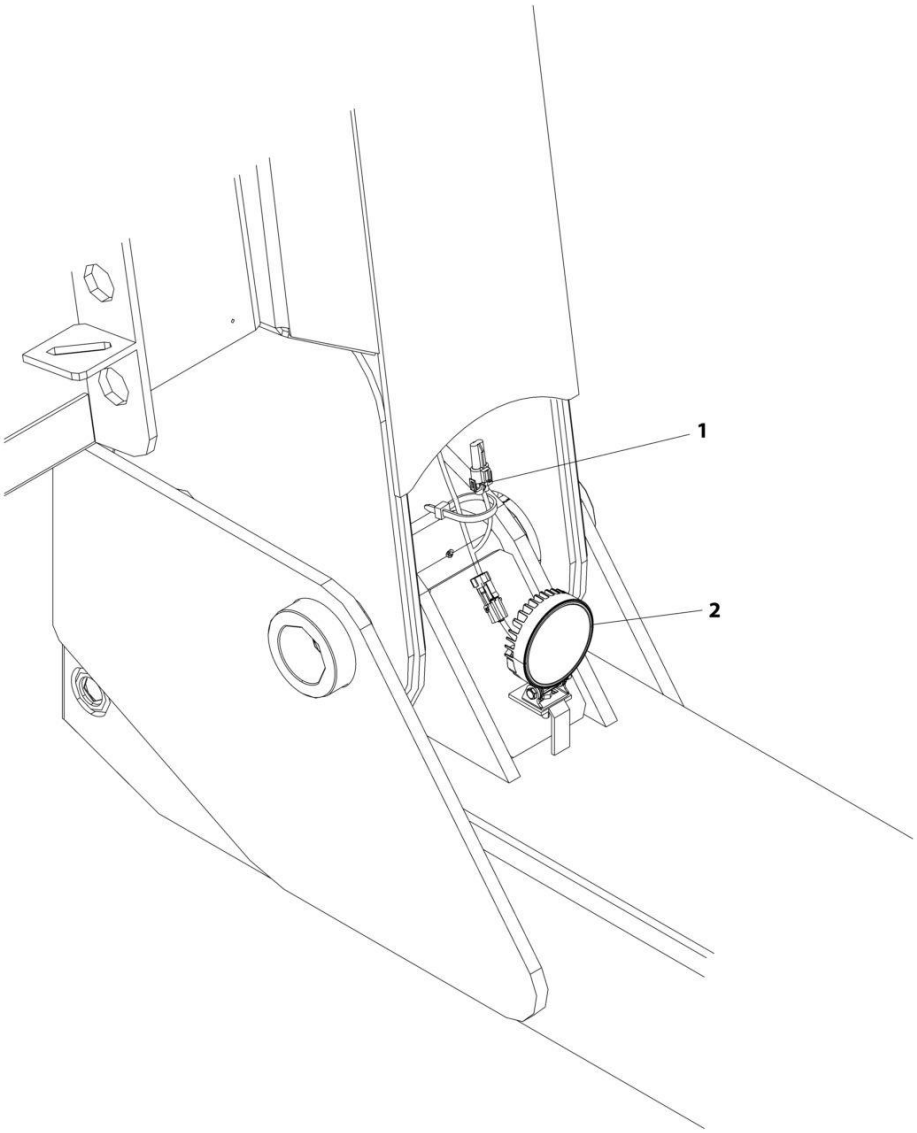


FIGURE 7-62. LIGHTS - WORKLIGHT LIGHTS INSTALLATION - UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202452	Ref	LIGHTS - WORKLIGHT LIGHTS INSTALLATION - UNDERLIFT	D
1	1001209033	1	Underlift Worklight Harness (See Separate Breakdown in this Section)	
2	1001202449	1	Lamp **(SN 0230004275 through 0230008644)**	
2	1001176337	1	Lamp **(SN 0230008644 through 0230009234)**	
2	1001273634	1	Lamp **(SN 0230009235 to Present)**	
3	7894000004	40	Tie-Strap (Not Shown)	

FIGURE 7-63. LIGHTS - WORKLIGHT LIGHTS INSTALLATION (UPPER)

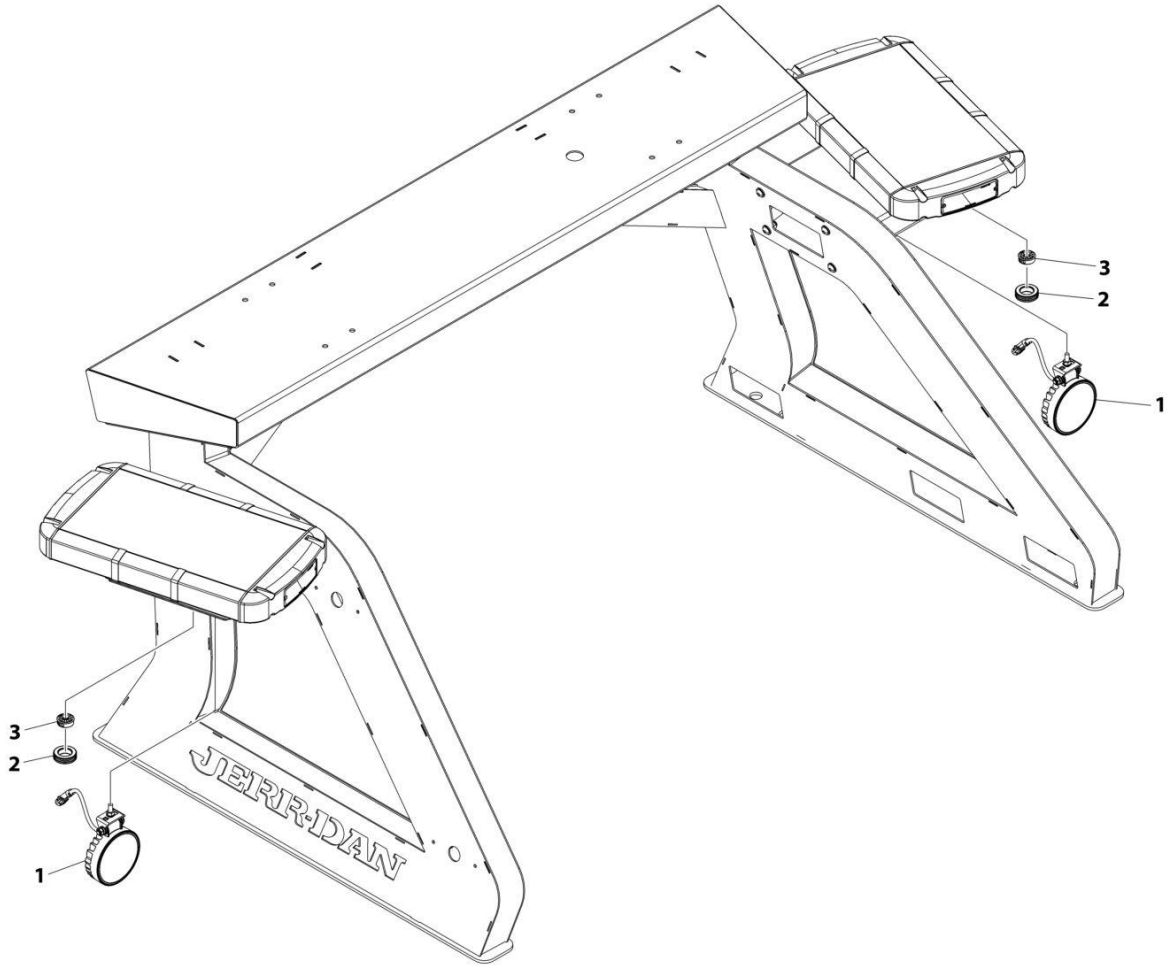


FIGURE 7-63. LIGHTS - WORKLIGHT LIGHTS INSTALLATION (UPPER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207487	Ref	UPPER WORK LIGHTS INSTALLATION	D
1	1001176337	2	Lamp **(SN 0230004275 through 0230009719)**	
1	1001273634	2	Lamp **(SN 0230009720 to Present)**	
2	7493000011	AR	Grommet	
3	1001169085	AR	Grommet	
4	5526000553	AR	Tie-Strap (Not Shown)	

FIGURE 7-64. LIGHTS - WORKLIGHT LIGHTS HARNESS - UNDERLIFT



FIGURE 7-64. LIGHTS - WORKLIGHT LIGHTS HARNESS - UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209033	Ref	WORKLIGHT LIGHTS HARNESS - UNDERLIFT	C
1	4460897	1	Receptacle, Female - 2 Position	
1	4460464	2	Pin, Male	
2	NPN	1	Plug, Male 2 Position	
2	4460746	2	Terminal	
2	1001190037	2	Seal	
3	NPN	1	Receptacle, Female - 2 Position	
3	1001116727	2	Plug, Terminal	
4	4460742	1	Plug, Male 2 Position	
4	4460457	2	Socket, Female	
4	4460458	2	Seal	
5	4461157	2	Receptacle, Female - 2 Position	
5	1001116727	2	Plug, Terminal	

FIGURE 7-65. LIGHTS - WORK LIGHTS INSTALLATION (BOOM)

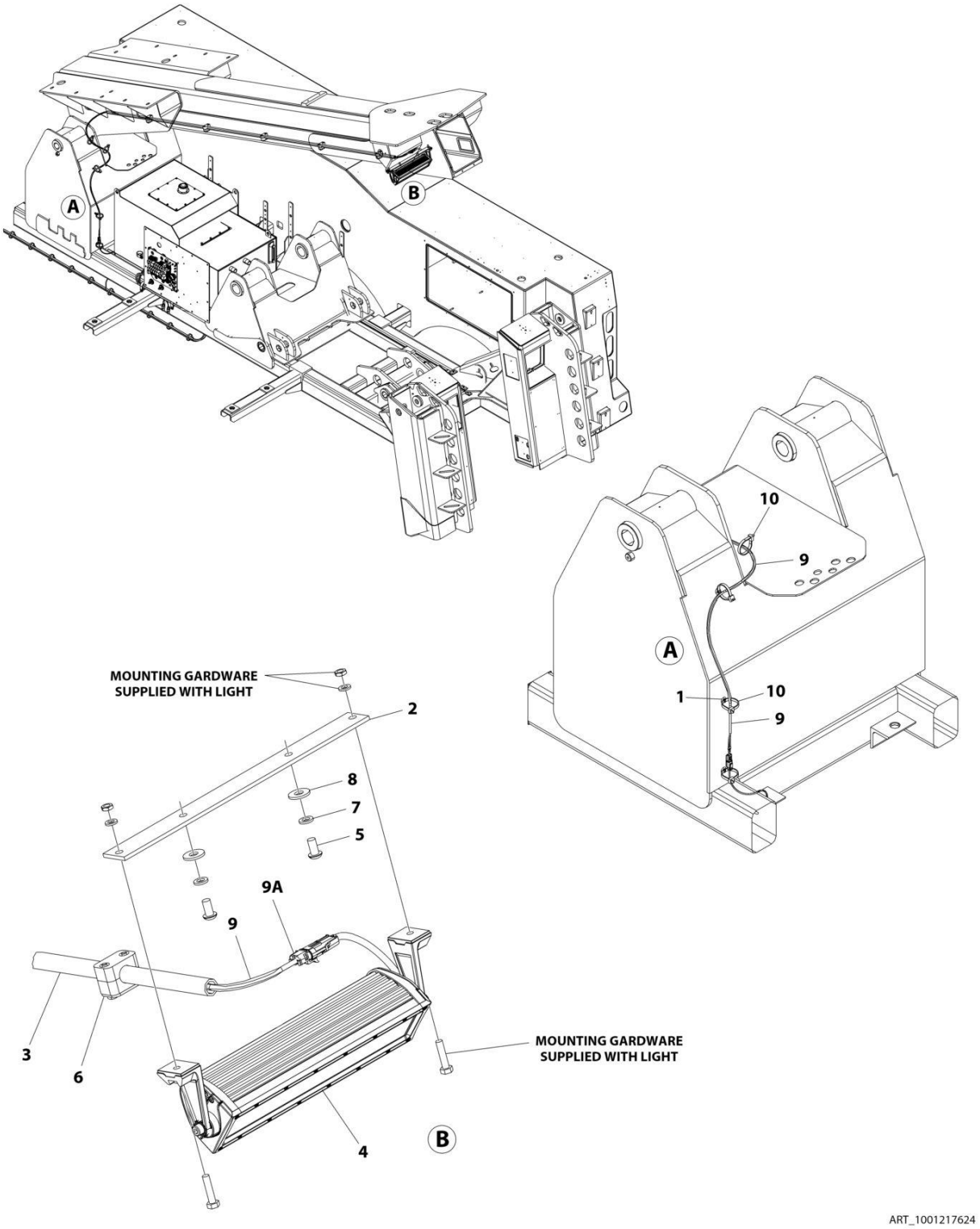


FIGURE 7-65. LIGHTS - WORK LIGHTS INSTALLATION (BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217624	Ref	WORKLIGHT INSTALLATION - BOOM	B
1	1001202986	2	Mount, Tie-Strap	
2	1001206241	1	Mount, Work Light **(Prior to SN 0230008750, Except Prior to SN 0230008750)**	
2	1001270464	1	Mount, Work Light **(SN 0230008750 to Present)**	
3	1001206319	1	Tube	
4	1001206401	1	Light **(Prior to SN 0230008750)**	
4	1001270479	1	Light **(SN 0230008750 to Present, Except Prior to SN 0230008750)**	
5	7114160618	2	Screw 3/8 x 3/4	
6	7274000095	5	Clamp	
7	7950160003	2	Washer 3/8	
8	7950160163	2	Washer 3/8	
9	1001212488	1	Harness, Boom Light	
9A	4460742	1	Plug, Male - 2 Position	
9A	4460457	2	Socket, Female	
9A	1001190037	2	Seal	
10	5526000553	4	Tie-Strap	

FIGURE 7-66. MULTIPLEX INSTALLATION (WITH DRAG WINCH)

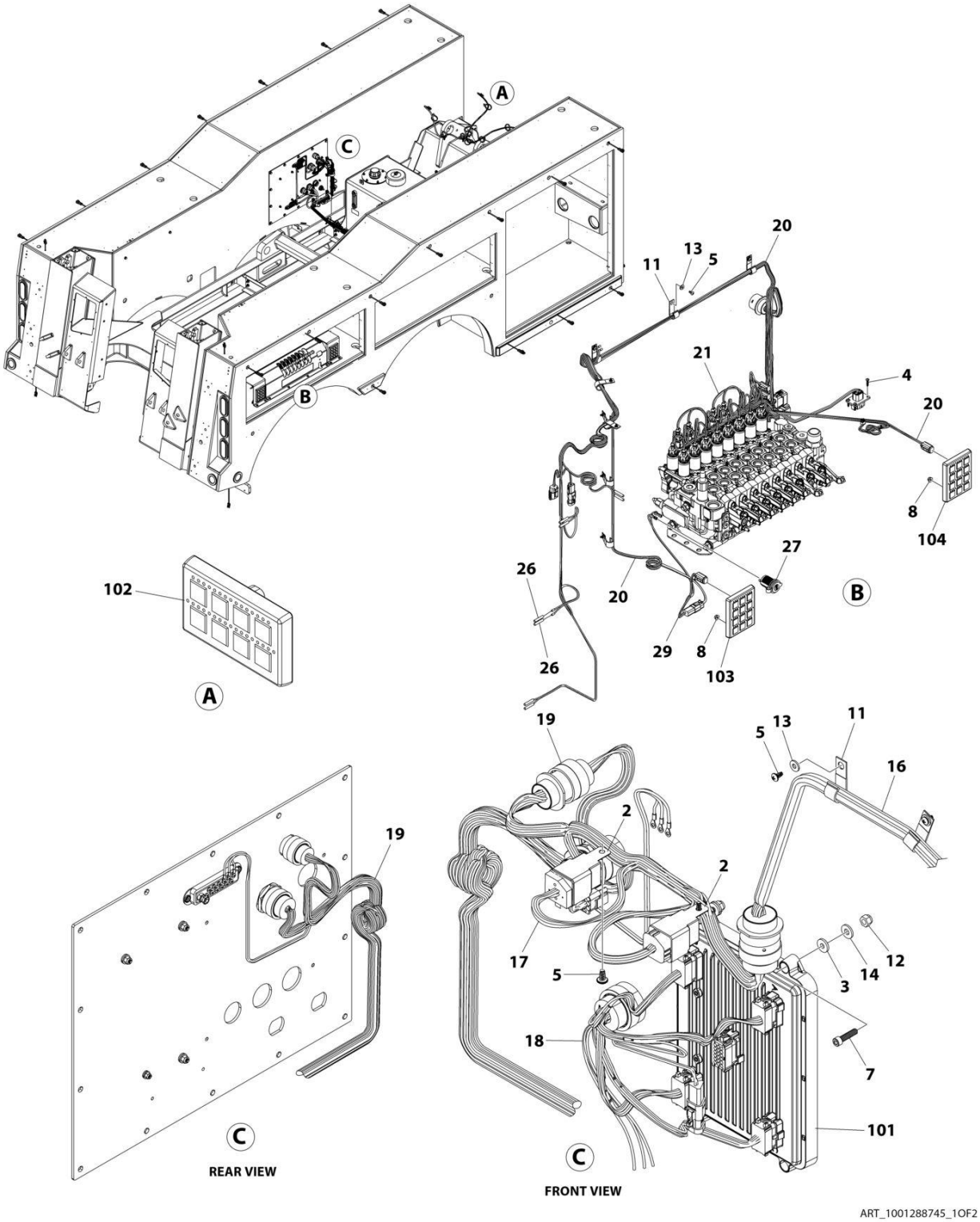


FIGURE 7-67. MULTIPLEX INSTALLATION (WITH DRAG WINCH)

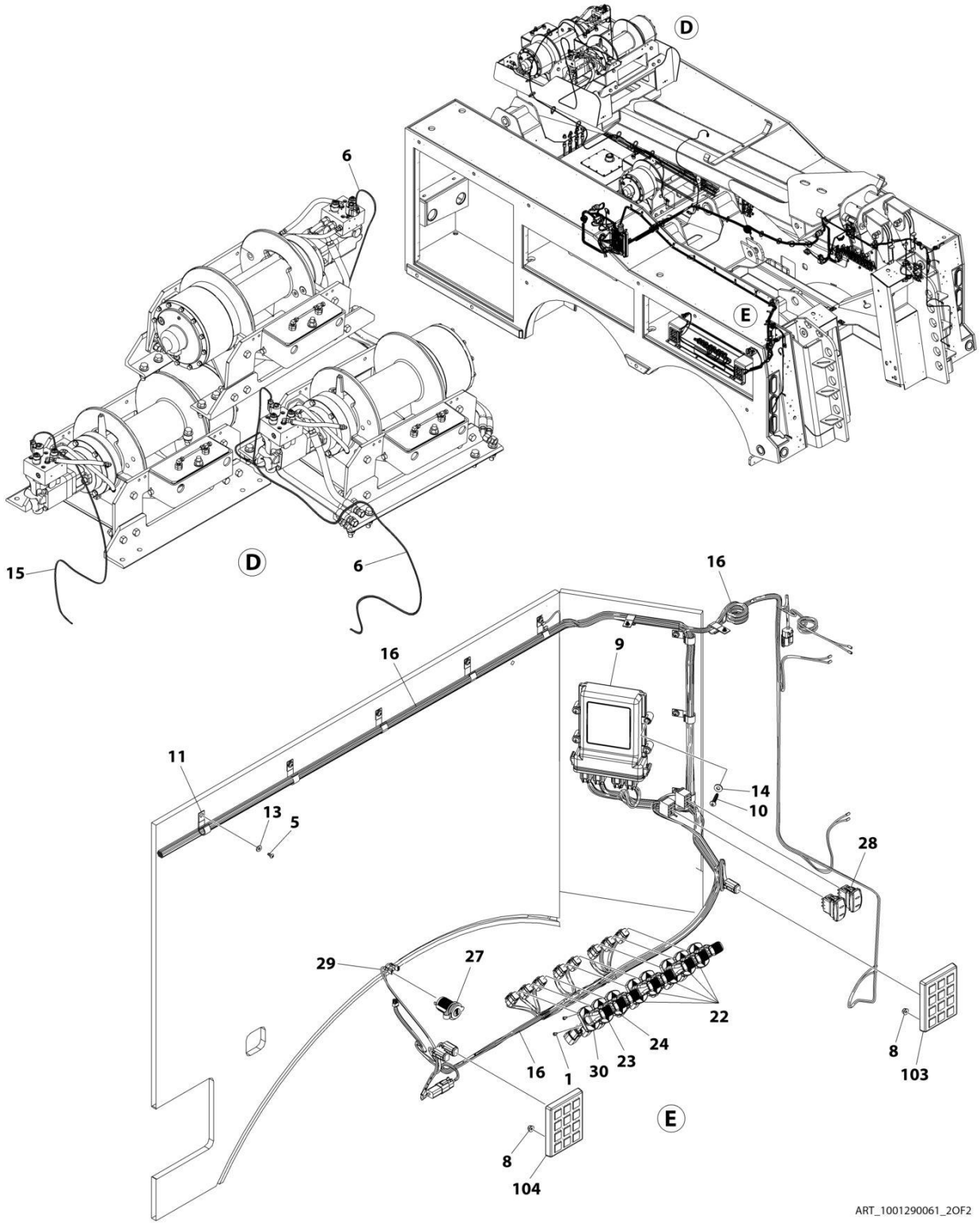


FIGURE 7-67. MULTIPLEX INSTALLATION (WITH DRAG WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290061	Ref	MULTIPLEX INSTALLATION (WITH DRAG WINCH)	A
1	0760304	16	Bolt 3 x 8	
2	3740080	2	Relay	
3	1001166978	4	Washer, Rubber	
4	1001196552	4	Screw 8 x 3/4	
5	1001197441	24	Screw #10 x 3/8	
6	1001217309	1	Winch 2 Speed Harness (See Separate Breakdown in ELECTRICAL Section)	
7	1001209590	4	Screw 1/4 x 1	
8	1001209616	16	Nut #10	
9	1001250809	1	Control, 8 Function	
10	1001254545	4	Screw 1/4 x 1-1/4	
11	7280000006	22	Clip	
12	7660142601	4	Nut 1/4	
13	7950100143	22	Washer	
14	7950140143	8	Washer 1/4	
15	1001209035	1	Drag Winch Electric 2 Speed Harness (See Separate Breakdown in ELECTRICAL Section)	
16	1001288768	1	Multiplex Harness - Body (LH) (See Separate Breakdown in ELECTRICAL Section)	
17	1001288770	1	Multiplex Harness - Jumper (See Separate Breakdown in ELECTRICAL Section)	
18	1001250423	1	Multiplex Harness - Multiplex to PDP (See Separate Breakdown in ELECTRICAL Section)	
19	1001288771	1	Multiplex Harness - Crossover (See Separate Breakdown in ELECTRICAL Section)	
20	1001288769	1	Multiplex Harness - Body (RH) (See Separate Breakdown in ELECTRICAL Section)	
21	1001288772	1	Valve Harness (See Separate Breakdown in ELECTICAL Section)	
22	1001253353	5	Switch	
23	1001253354	1	Switch	
24	1001253355	1	Switch	
25	5526000553	20	Tie-Strap (Not Shown)	
26	7346000039	AR	Tubing	
27	1001253800	2	Receptacle, USB	
28	1001136270	2	Switch	
29	1001288422	2	USB Power Harness (See Separate Breakdown in ELECTICAL Section)	
30	1001290062	1	Switch	
100	1001258438	1	Wrecker Touchlink Electrical Assembly (Includes Items 101-104)	
101	1001258439	1	Module, Touchlink	
102	1001211001	1	Keypad, Lighting (Cab)	
103	1001211002	2	Keypad, Lighting (Body)	
104	1001211003	2	Keypad, Winch (Body)	

FIGURE 7-68. MULTIPLEX HARNESS - BODY (LH)

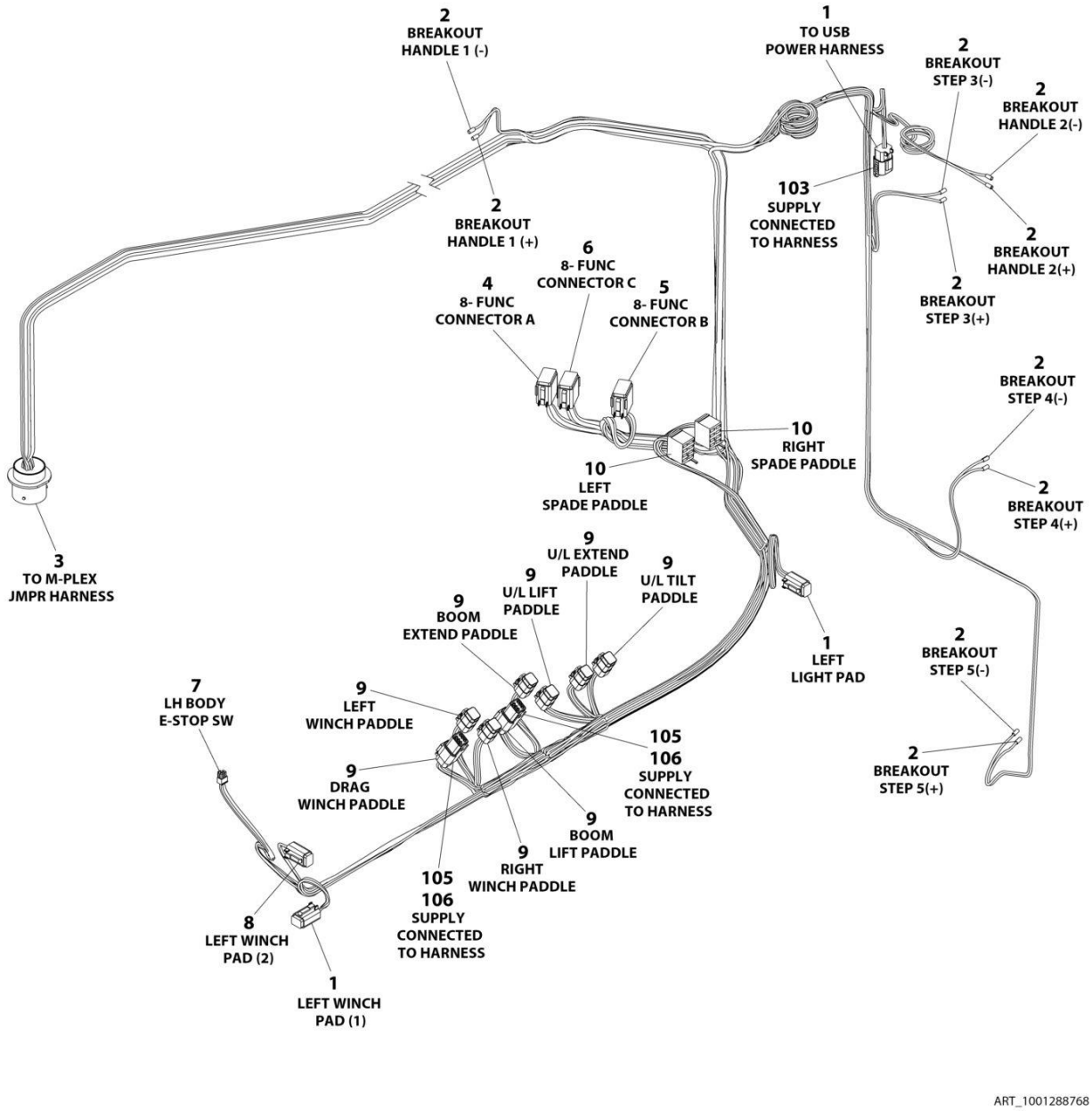


FIGURE 7-68. MULTIPLEX HARNESS - BODY (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288768	Ref	MULTIPLEX HARNESS - BODY (LH)	C
1	1001262482	3	Connector	
1	4460465	12	Socket	
2	7345001714	10	Terminal	
3	1001116920	1	Connector	
3	4460466	7	Plug	
3	4460464	22	Terminal	
3	4460941	2	Terminal	
4	4460933	1	Connector	
4	4460465	12	Socket	
5	4460836	1	Connector	
5	4460465	8	Socket	
5	4460466	4	Plug	
6	4460934	1	Connector	
6	4460465	12	Socket	
7	1001262746	1	Connector	
7	1001262747	6	Terminal	
8	1001262483	1	Plug, Male	
8	4460465	2	Socket	
8	4460466	2	Plug	
9	4461216	8	Connector	
9	1001126008	48	Terminal	
10	1001262745	2	Connector	
10	4460419	6	Terminal	
101	4460466	1	Plug, Terminal (Not Shown)	
102	4460935	1	Plug (Not Shown)	
103	1001192401	1	Cap, Dust	
105	4461217	2	Connector	
106	4460518	12	Plug	

FIGURE 7-69. MULTIPLEX HARNESS - BODY (RH)

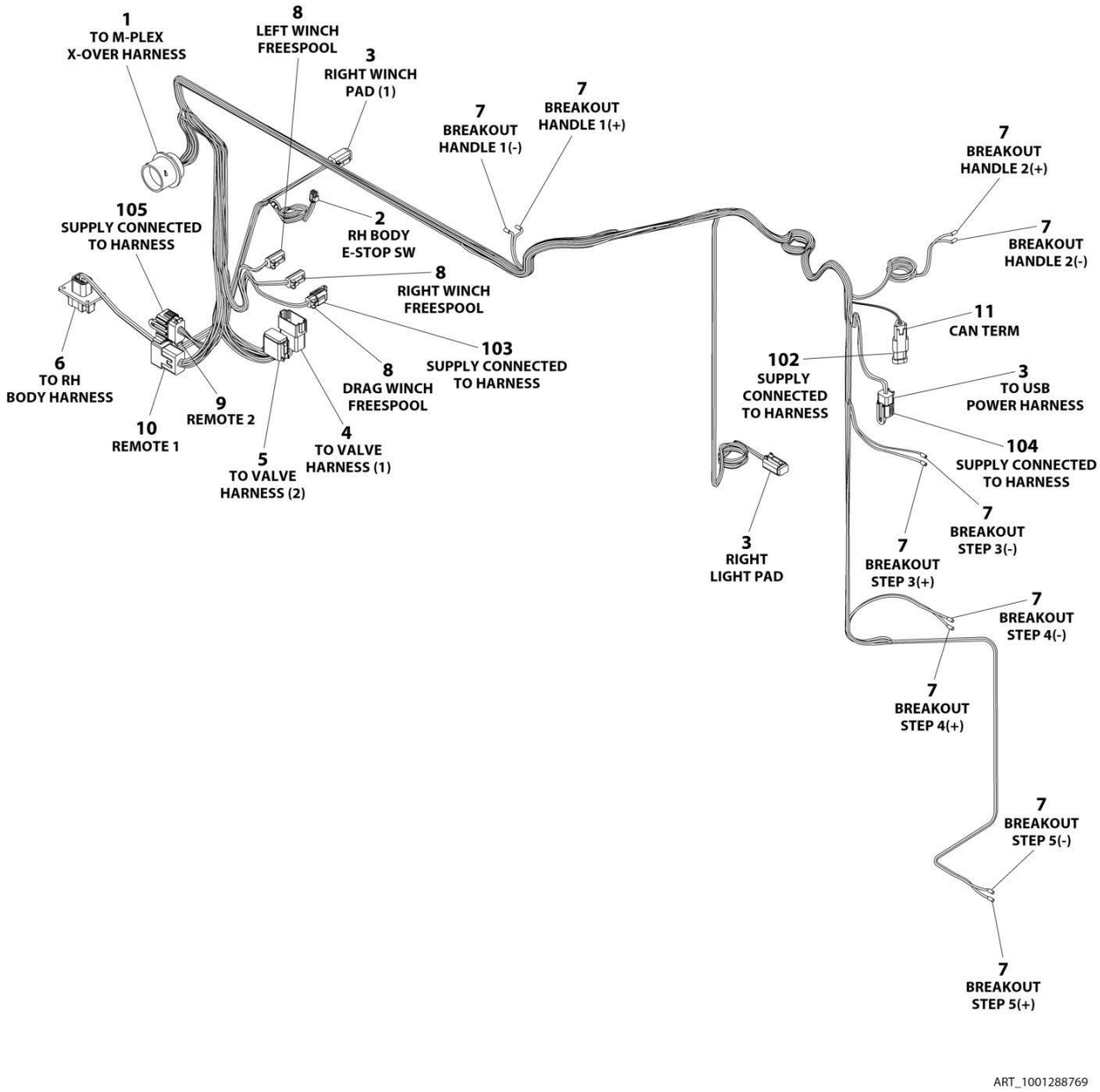


FIGURE 7-69. MULTIPLEX HARNESS - BODY (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288769	Ref	MULTIPLEX HARNESS - BODY (RH)	B
1	1001289235	1	Connector	
1	4460518	1	Plug	
1	1001126010	31	Terminal	
1	4460941	1	Terminal	
1	4460464	2	Terminal	
2	1001262746	1	Connector	
2	1001262747	6	Terminal	
3	1001262482	3	Connector	
3	4460465	12	Socket	
4	4460970	1	Connector	
4	4460464	10	Terminal	
4	4460941	2	Terminal	
5	4460933	1	Connector	
5	4460465	10	Socket	
5	4460466	2	Plug	
6	1001269275	1	Connector	
6	4460941	4	Terminal	
6	4460466	4	Plug	
7	7345001714	10	Terminal	
8	4460891	3	Connector	
8	4460465	6	Socket	
9	4460933	1	Connector	
9	4460465	12	Socket	
10	4460970	1	Connector	
10	4460941	2	Terminal	
10	4460464	8	Terminal	
10	4460466	2	Plug	
11	1001144147	1	Connector	
11	4460464	2	Terminal	
11	4460466	1	Plug	
101	4460466	1	Plug (Not Shown)	
102	1001116815	1	Connector	
103	1001144295	1	Cap	
104	1001192401	1	Cap, Dust	
105	1001215898	1	Cap, Dust	
106	1001262483	1	Connector (Not Shown)	

FIGURE 7-70. MULTIPLEX HARNESS - CROSSOVER

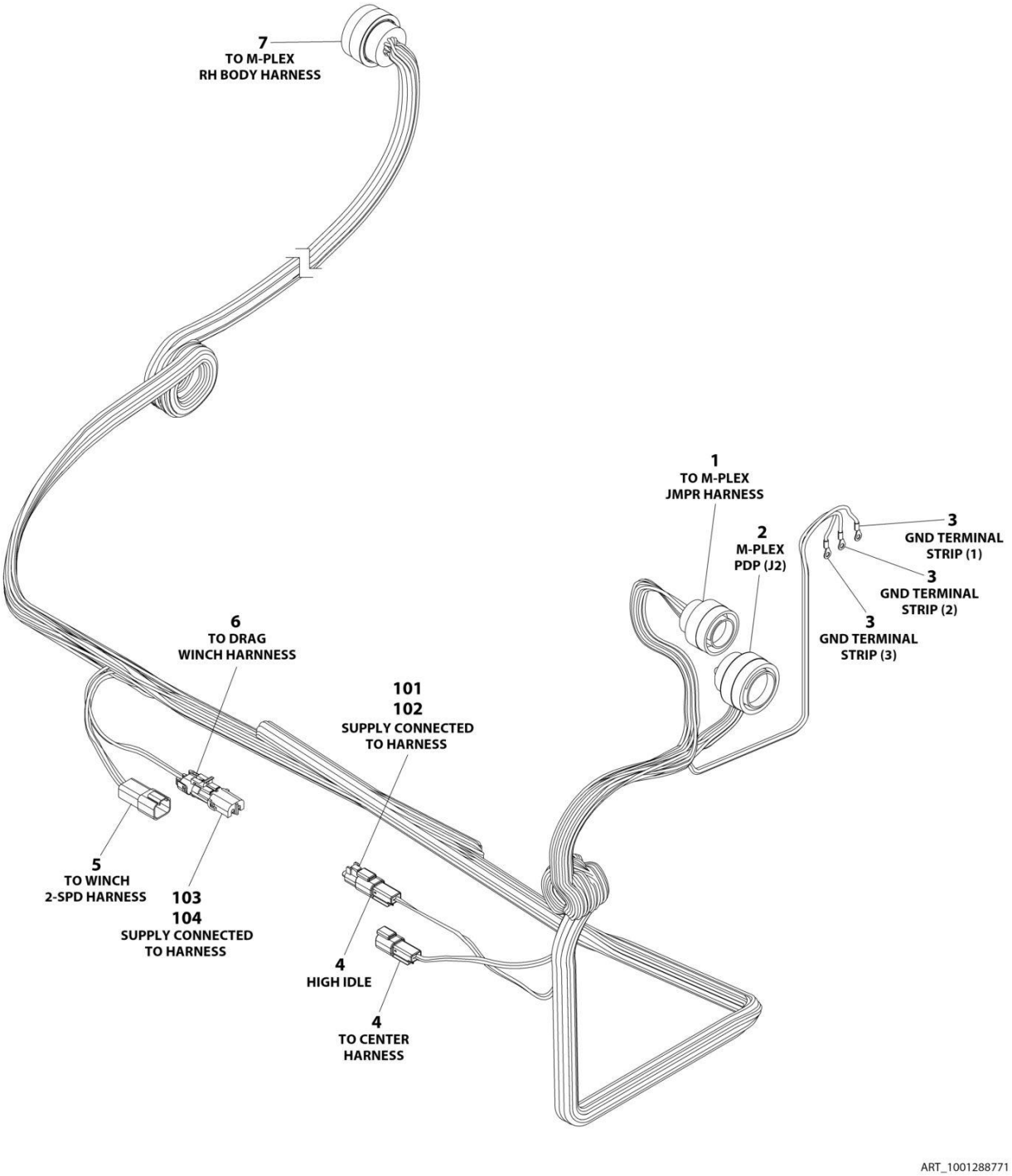


FIGURE 7-70. MULTIPLEX HARNESS - CROSSOVER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288771	Ref	MULTIPLEX HARNESS - CROSSOVER	B
1	1001269106	1	Connector	
1	1001126011	18	Terminal	
1	4460466	1	Plug	
1	4460464	1	Terminal	
2	1001263483	1	Connector	
2	4460466	4	Plug	
2	4460465	18	Socket	
2	1001126008	1	Terminal	
2	4460518	6	Plug	
3	1001263545	3	Terminal, Ring	
4	4460897	2	Connector, Plug	
4	4460464	4	Terminal	
5	4460932	1	Connector	
5	4460464	4	Terminal	
6	4460742	1	Connector	
6	4460458	2	Seal	
7	1001289234	1	Connector - 35 Position	
7	4460518	1	Plug	
7	1001126008	31	Terminal	
7	4460942	1	Terminal	
7	4460465	2	Socket	
101	4460466	2	Plug	
102	4460891	1	Connector	
103	4461157	1	Connector	
104	1001116727	2	Plug	

FIGURE 7-71. MULTIPLEX HARNESS - JUMPER

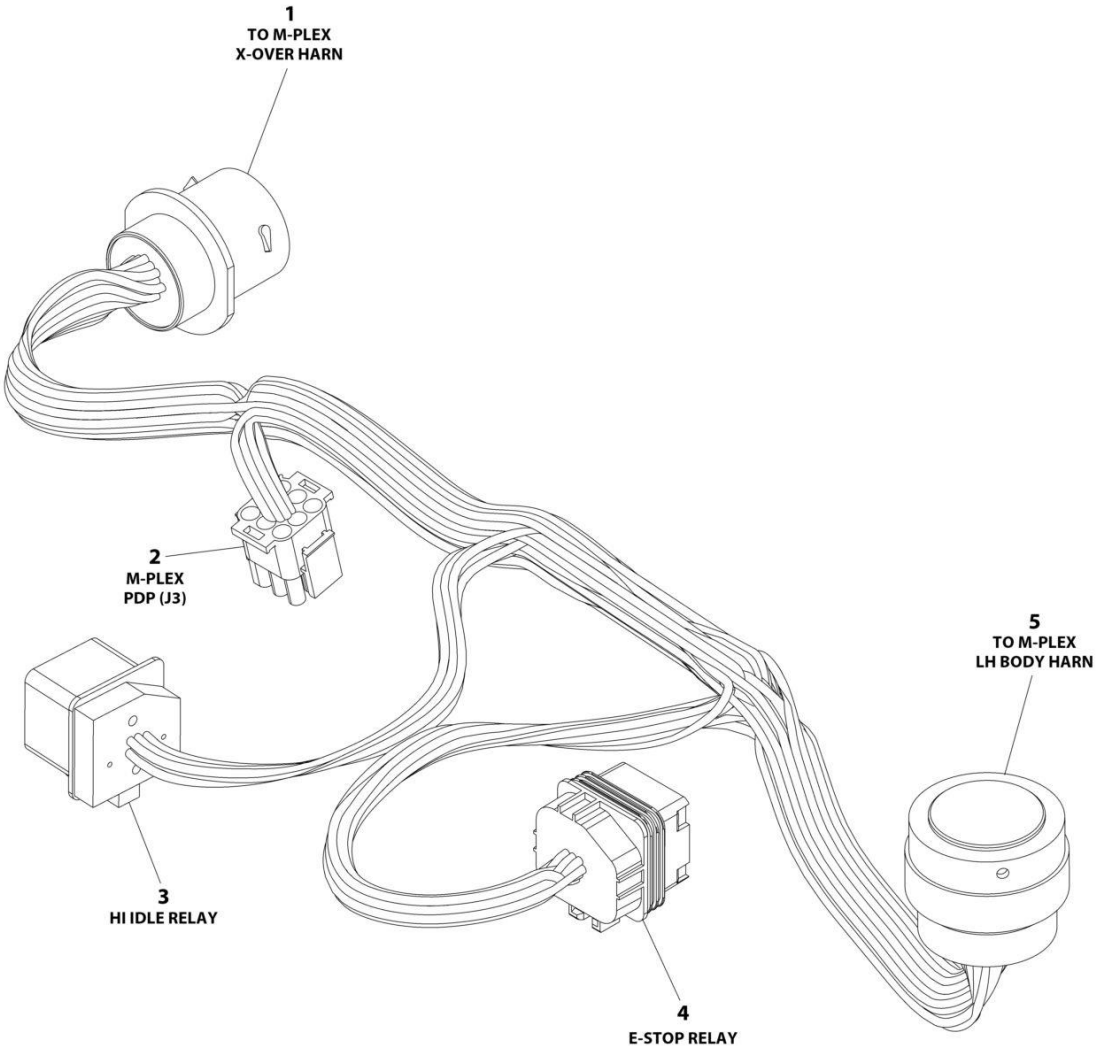


FIGURE 7-71. MULTIPLEX HARNESS - JUMPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288770	Ref	MULTIPLEX HARNESS - JUMPER	A
1	1001269625	1	Connector	
1	1001126008	18	Terminal	
1	4460466	1	Plug	
1	4460465	1	Socket	
2	4460265	1	Connector	
2	4460268	7	Terminal	
3	1001117057	1	Plug, Relay	
3	1001116733	4	Terminal	
4	1001210648	1	Connector	
4	1001116733	5	Terminal	
5	1001116921	1	Connector	
5	4460466	7	Plug	
5	4460465	22	Socket	
5	4460942	2	Terminal	

FIGURE 7-72. MULTIPLEX TO PDP HARNESS

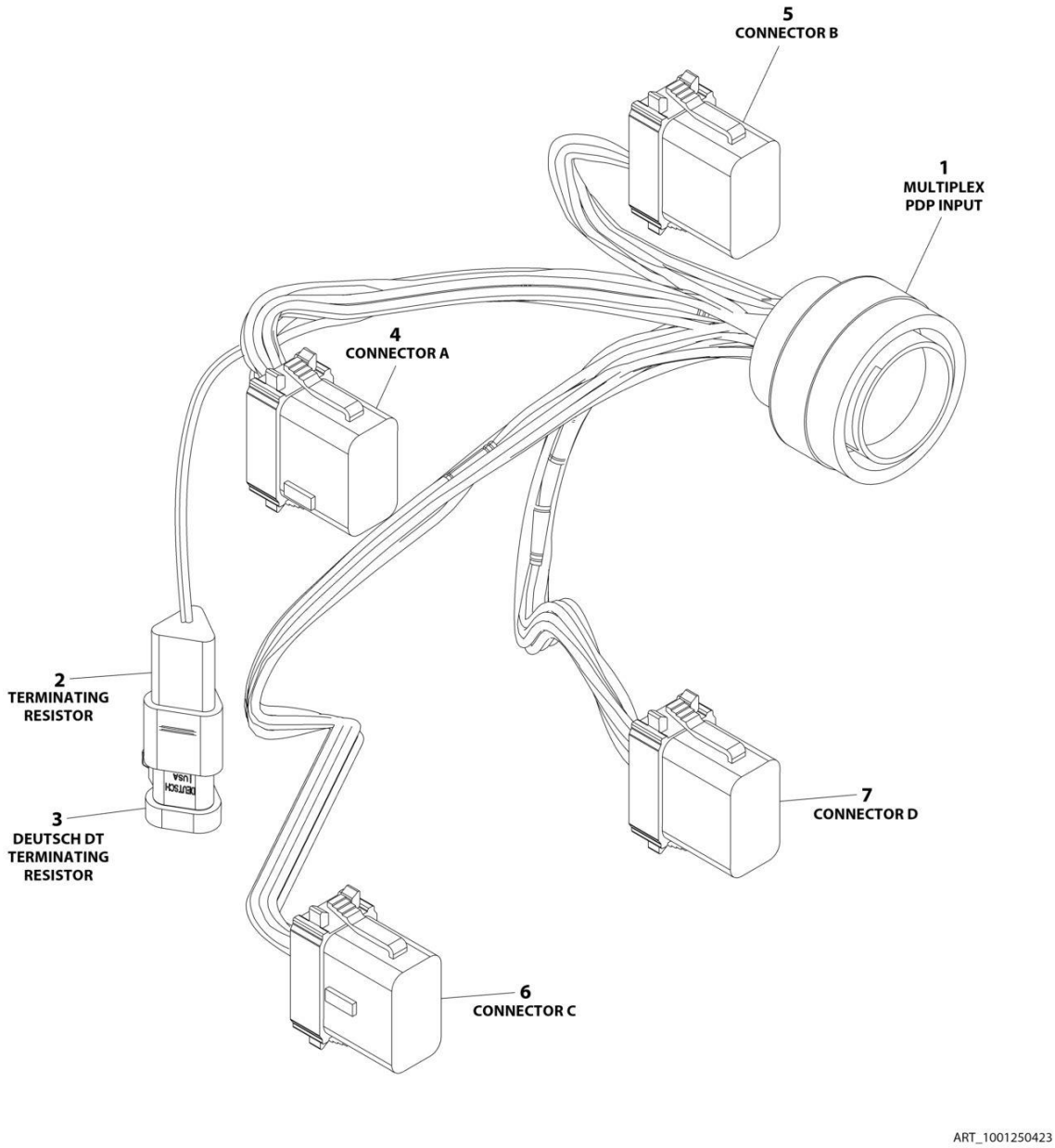


FIGURE 7-72. MULTIPLEX TO PDP HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250423	Ref	MULTIPLEX TO PDP HARNESS	A
1	NPN	1	Connector - 47 Position	
1	1001126008	45	Terminal	
1	4460466	2	Plug, Terminal	
2	4460536	1	Receptacle, Female - 3 Position	
2	4460464	2	Pin, Male	
2	4460466	1	Plug, Terminal	
3	1001116815	1	Plug, Male - 3 Position with Resistor	
4	NPN	1	Connector - 18 Position (Gray)	
4	4460465	13	Socket, Female	
4	4460466	5	Plug, Terminal	
5	NPN	1	Connector - 18 Position (Black)	
5	4460465	10	Socket, Female	
5	4460466	8	Plug, Terminal	
6	NPN	1	Connector - 18 Position (Green)	
6	4460465	9	Socket, Female	
6	4460466	9	Plug, Terminal	
7	NPN	1	Connector - 18 Position (Brown)	
7	4460465	13	Socket, Female	
7	4460466	5	Plug, Terminal	

FIGURE 7-73. MULTIPLEX IN-CAB CONTROLS HARNESS (CONSOLE MOUNTED)

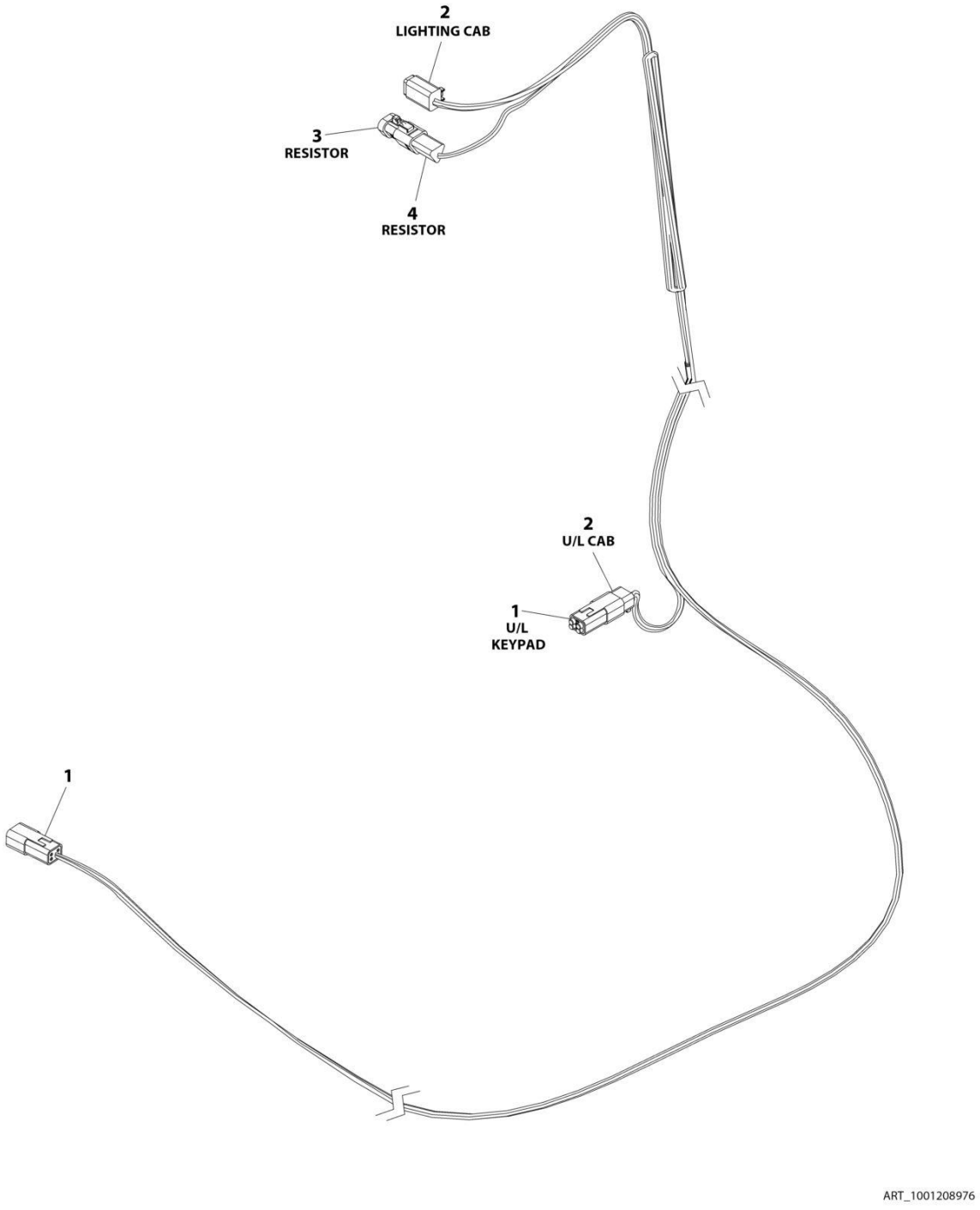


FIGURE 7-73. MULTIPLEX IN-CAB CONTROLS HARNESS (CONSOLE MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208976	Ref	MULTIPLEX IN-CAB CONTROLS HARNESS (CONSOLE MOUNTED)	D
1	4460932	2	Receptacle, Female - 4 Position	
1	4460464	4	Pin, Male	
1	4460466	4	Plug, Terminal	
2	4460884	2	Plug, Male - 4 Position	
2	4460465	8	Socket, Female	
3	1001116815	1	Plug, Male - 3 Position with Resistor	
4	4460536	1	Receptacle, Female 3 Position	
4	4460464	2	Pin, Male	
4	4460466	1	Plug, Terminal	

FIGURE 7-74. MULTIPLEX IN - CAB CONTROL HARNESS

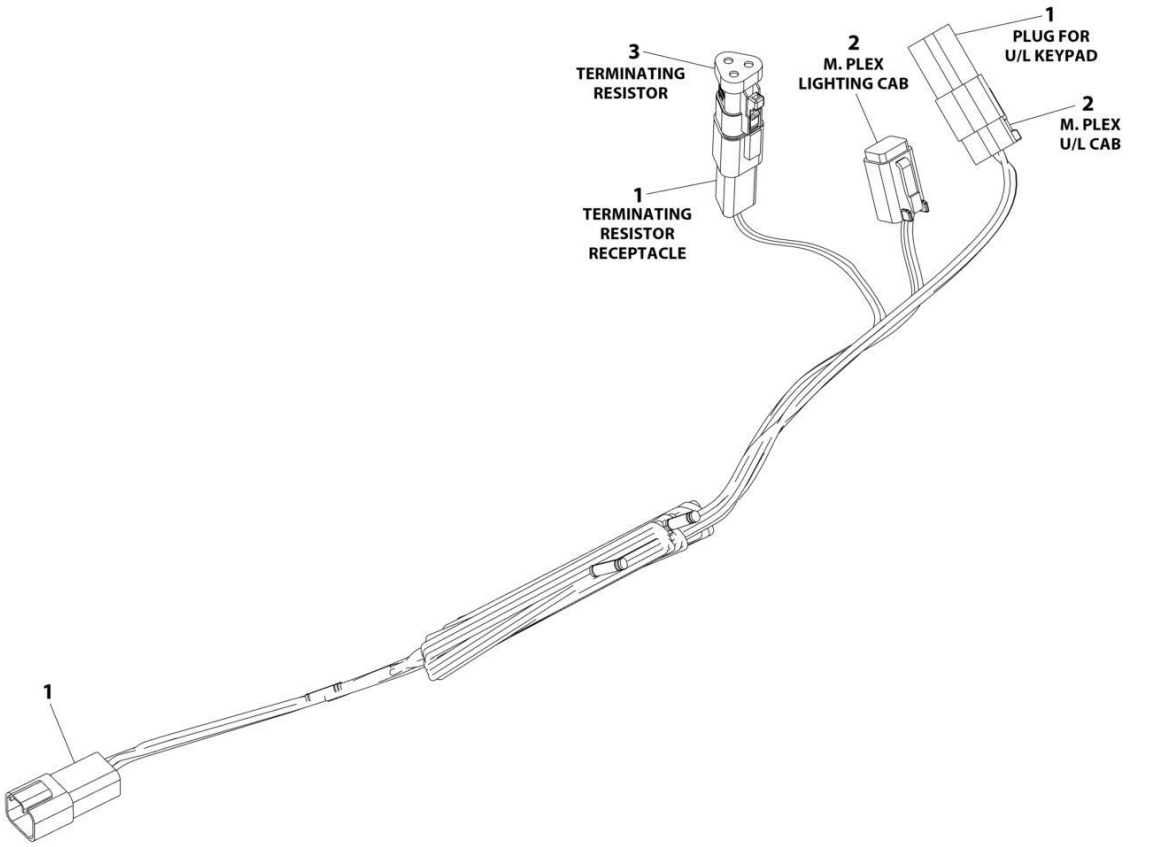


FIGURE 7-74. MULTIPLEX IN - CAB CONTROL HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215421	Ref	MULTIPLEX IN - CAB CONTROL HARNESS	A
1	4460932	3	Receptacle, Female - 4 Position	
1	4460464	7	Pin, Male	
1	4460466	5	Plug, Terminal	
2	4460884	2	Plug, Male	
2	4460465	8	Socket, Female	
3	1001166815	1	Resistor	

FIGURE 7-75. MULTIPLEX IN-CAB CONTROLS HARNESS (FLOOR MOUNTED)

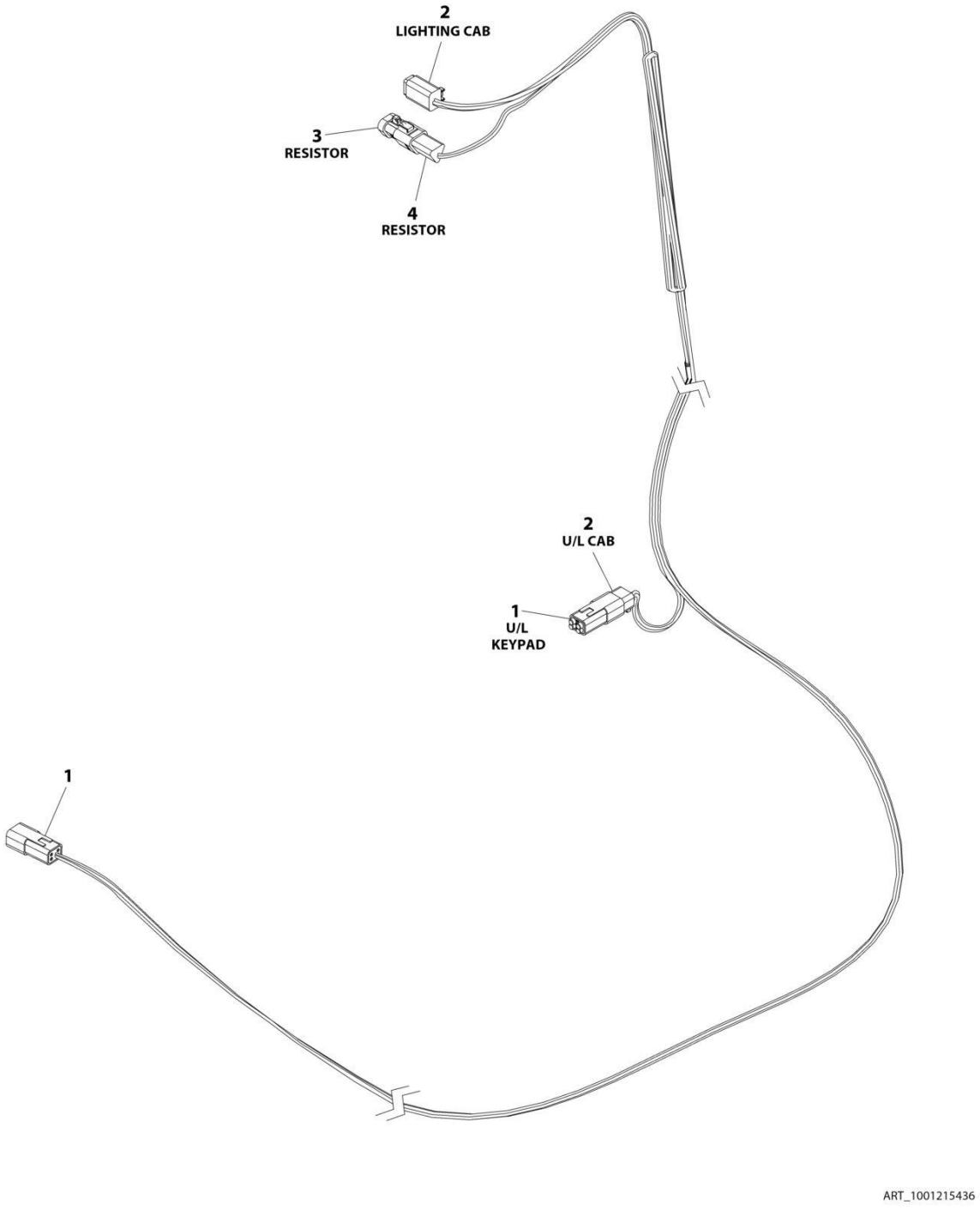


FIGURE 7-75. MULTIPLEX IN-CAB CONTROLS HARNESS (FLOOR MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215436	Ref	MULTIPLEX IN-CAB CONTROLS HARNESS (FLOOR MOUNTED)	B
1	4460932	2	Receptacle, Female - 4 Position	
1	4460464	4	Pin, Male	
1	4460466	4	Plug, Terminal	
2	4460884	2	Plug, Male - 4 Position	
2	4460465	8	Socket, Female	
3	1001116815	1	Plug, Male - 3 Position with Resistor	
4	4460536	1	Receptacle, Female 3 Position	
4	4460464	2	Pin, Male	
4	4460466	1	Plug, Terminal	

FIGURE 7-76. PYLON ELECTRICAL INSTALLATION (34IN & 39IN PYLON)

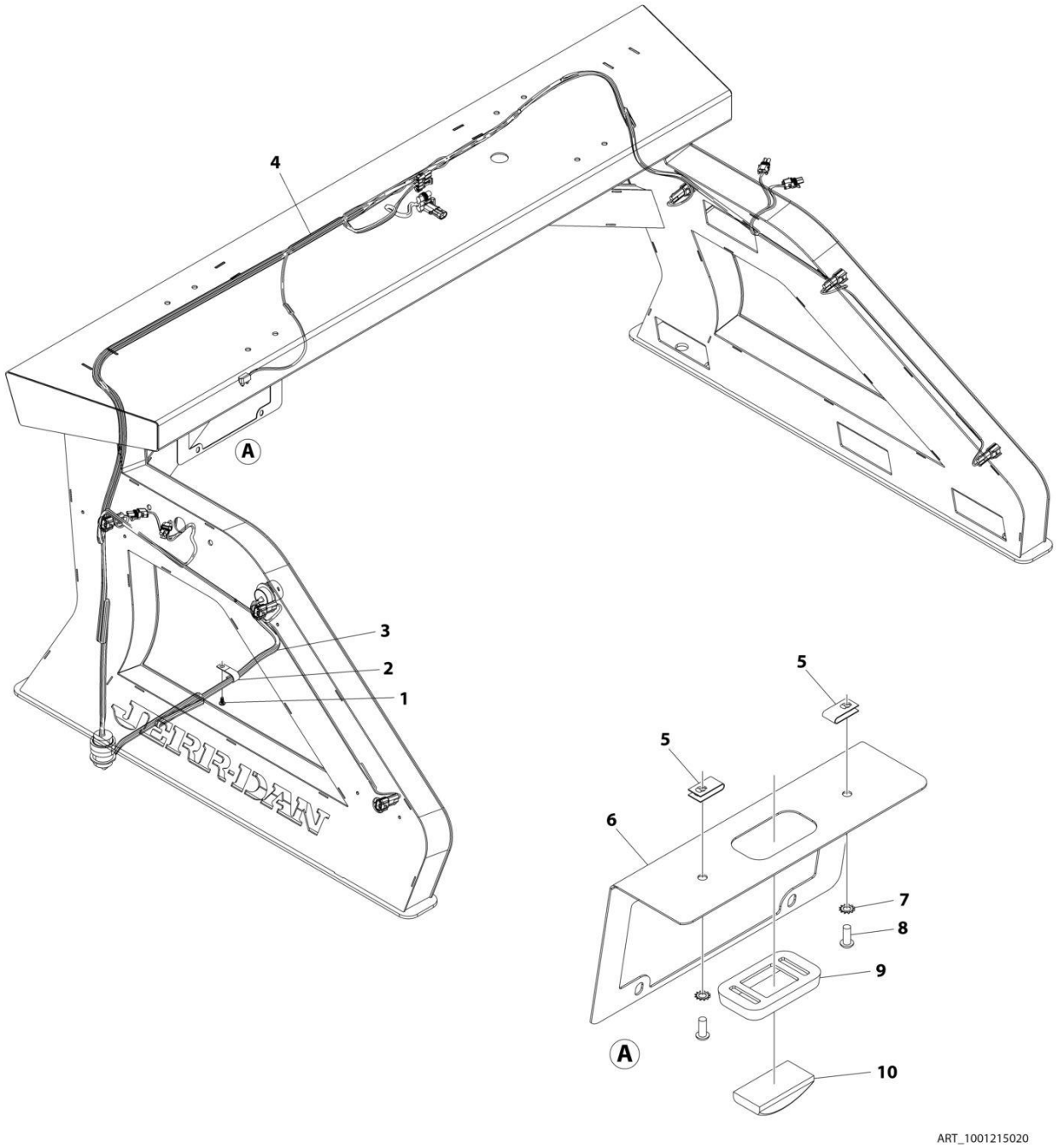


FIGURE 7-76. PYLON ELECTRICAL INSTALLATION (34IN & 39IN PYLON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215020	Ref	PYLON ELECTRICAL INSTALLATION (34IN & 39IN PYLON)	D
1	1001195257	3	Screw 1/4 x 1/2	
2	7280000006	3	Clip	
3	1001214605	1	Pylon Harness - Jumper (See Separate Breakdown in this Section)	
4	1001214606	1	Pylon Harness - Main (See Separate Breakdown in this Section)	
5	7661000019	2	U-Nut 1/4	
6	1001249938	1	Bracket, License Plate	
7	1001143686	2	Washer 1/4	
8	7114140518	2	Screw 1/4 x 5/8	
9	7493000010	1	Grommet	
10	1001142771	1	Light, Clear LED	
11	5526000553	1	Tie-Strap (Not Shown)	

FIGURE 7-77. PYLON ELECTRICAL INSTALLATION (57IN PYLON)

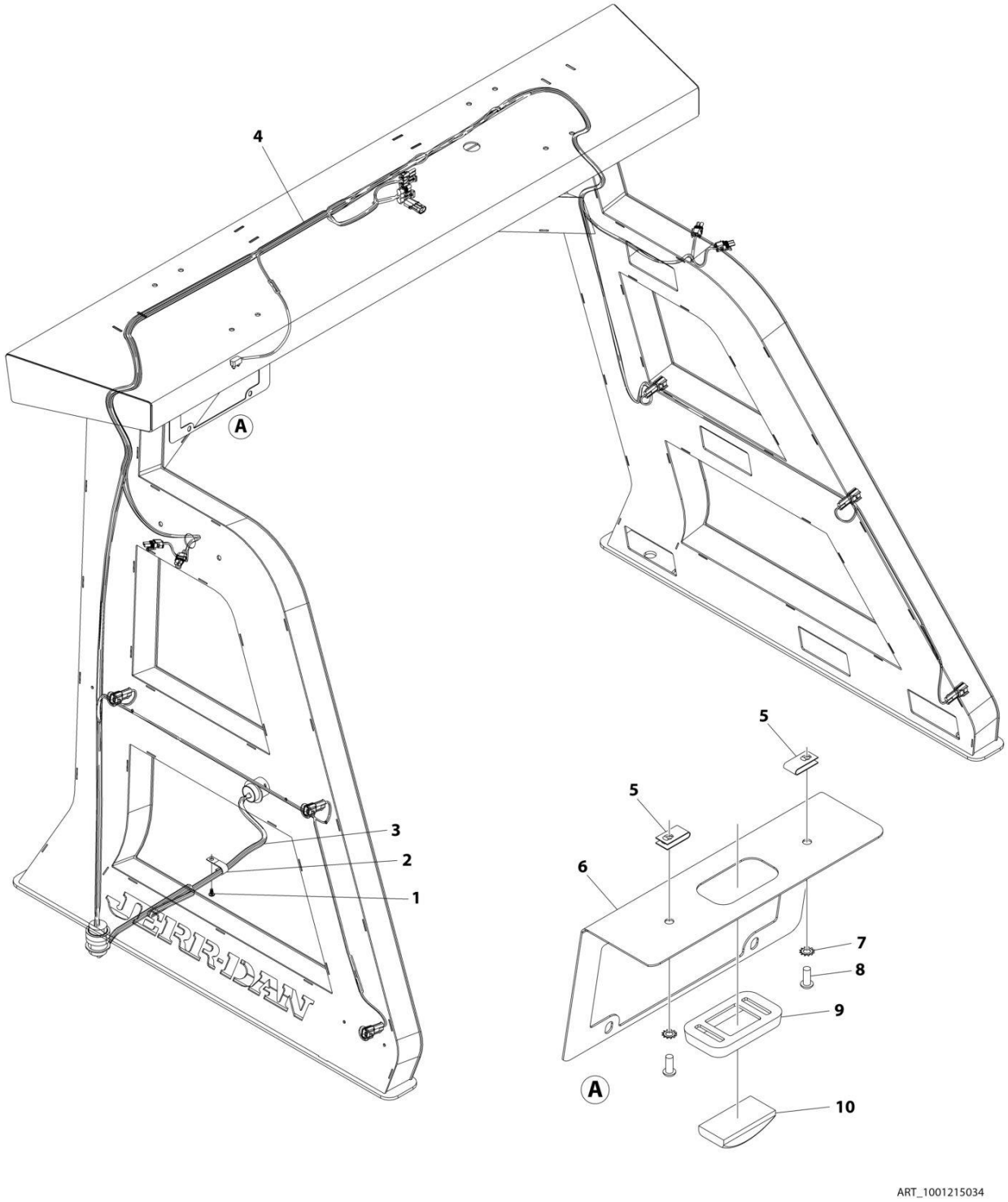


FIGURE 7-77. PYLON ELECTRICAL INSTALLATION (57IN PYLON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215034	Ref	PYLON ELECTRICAL INSTALLATION (57IN PYLON)	C
1	1001195257	3	Screw 1/4 x 1/2	
2	7280000006	3	Clip	
3	1001214605	1	Pylon Harness - Jumper (See Separate Breakdown in this Section)	
4	1001215110	1	Pylon Harness - Main (See Separate Breakdown in this Section)	
5	7661000019	2	U-Nut 1/4	
6	1001249938	1	Bracket, License Plate	
7	1001143686	2	Washer 1/4	
8	7114140518	2	Screw 1/4 x 5/8	
9	7493000010	1	Grommet	
10	1001142771	1	Light, Clear LED	
11	5526000553	1	Tie-Strap (Not Shown)	

FIGURE 7-78. PYLON HARNESS (34IN & 39IN PYLON)

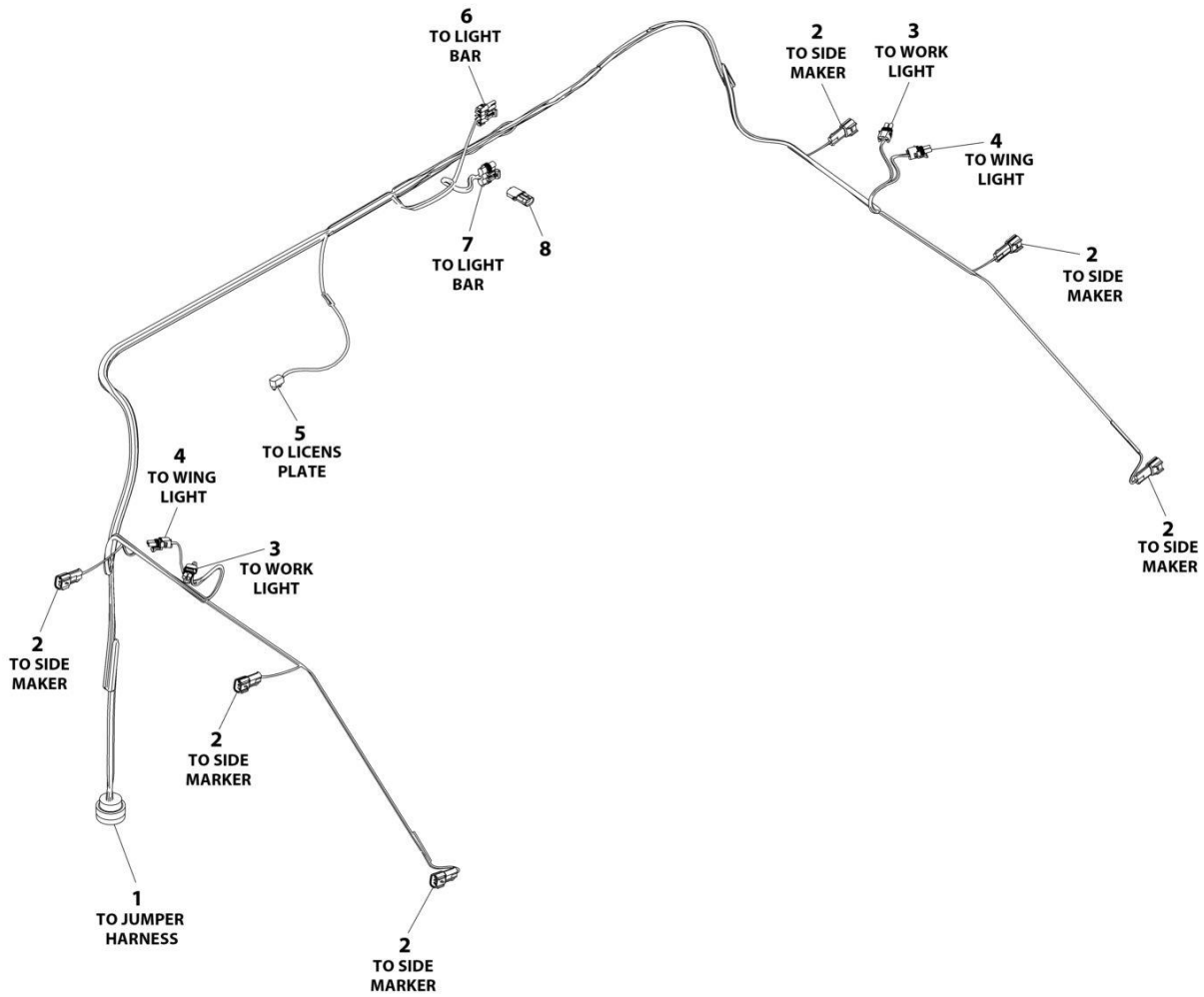


FIGURE 7-78. PYLON HARNESS (34IN & 39IN PYLON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214606	Ref	PYLON HARNESS (34IN & 39IN PYLON)	B
1	NPN	1	Connector - 18 Position	
1	91143339	1	Pin, Male	
1	4460464	4	Pin, Male	
1	4460508	2	Pin, Male	
1	4460941	2	Plug, Terminal	
1	4460466	9	Plug, Terminal	
2	NPN	6	Connector - 2 Position	
2	NPN	12	Terminal	
2	4460458	12	Seal	
3	4460742	2	Connector - 2 Position	
3	4460457	4	Terminal	
3	4460458	4	Seal	
4	4460742	2	Connector - 2 Position	
4	4460457	4	Terminal	
4	1001190037	4	Seal	
5	NPN	1	Connector - 2 Position	
6	4460460	1	Connector - 4 Position	
6	4460457	4	Terminal	
6	NPN	4	Seal	
7	8220935	1	Connector - 3 Position	
7	8220099	3	Terminal	
7	7346000108	1	Lock	
7	NPN	AR	Seal	
7	NPN	AR	Seal	
8	4460867	1	Connector - 2 Position	
8	1001116727	2	Terminal	

FIGURE 7-79. PYLON HARNESS (57IN PYLON)

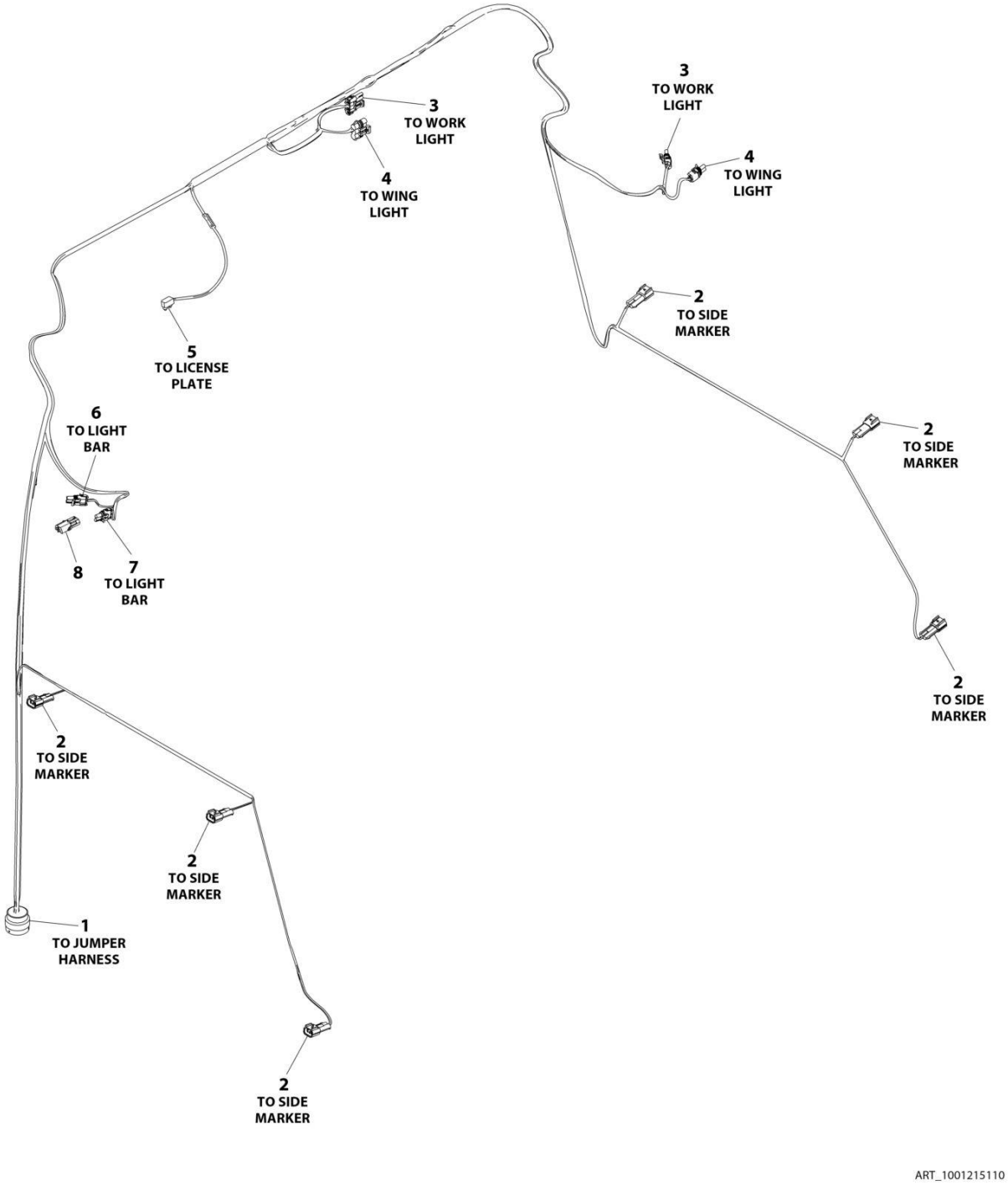
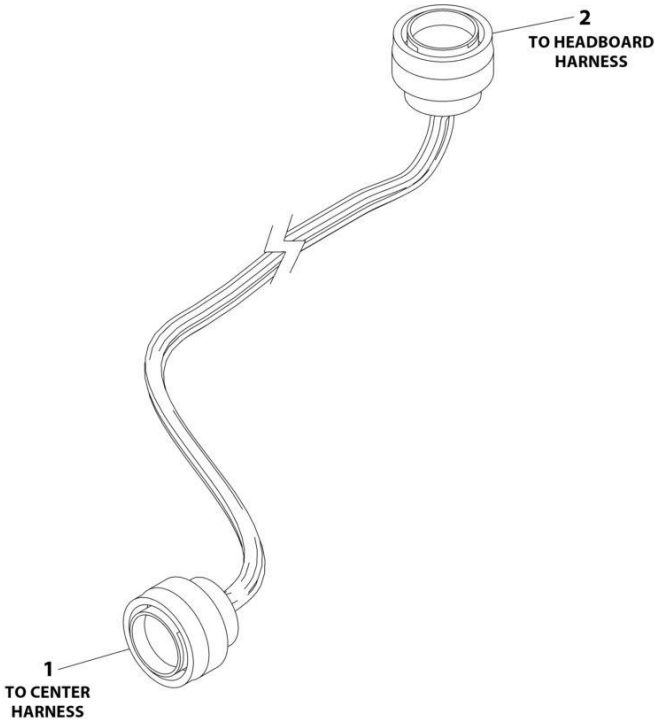


FIGURE 7-79. PYLON HARNESS (57IN PYLON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215110	Ref	PYLON HARNESS (57IN PYLON)	B
1	NPN	1	Connector - 18 Position	
1	91143339	1	Pin, Male	
1	4460464	4	Pin, Male	
1	4460508	2	Pin, Male	
1	4460941	2	Plug, Terminal	
1	4460466	9	Plug, Terminal	
2	NPN	6	Connector - 2 Position	
2	NPN	12	Terminal	
2	4460458	12	Seal	
3	4460742	2	Connector - 2 Position	
3	4460457	4	Terminal	
3	4460458	4	Seal	
4	4460742	2	Connector - 2 Position	
4	4460457	4	Terminal	
4	1001190037	4	Seal	
5	NPN	1	Connector - 2 Position	
6	4460460	1	Connector - 4 Position	
6	4460457	4	Terminal	
6	NPN	4	Seal	
7	8220935	1	Connector - 3 Position	
7	8220099	3	Terminal	
7	7346000108	1	Lock	
7	NPN	AR	Seal	
7	NPN	AR	Seal	
8	4460867	1	Connector - 2 Position	
8	1001116727	2	Terminal	

FIGURE 7-80. PYLON HARNESS - JUMPER



ART_1001214605

FIGURE 7-80. PYLON HARNESS - JUMPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214605	Ref	PYLON JUMPER HARNESS	A
1	NPN	1	Connector - 18 Position	
1	91143339	1	Pin, Male	
1	4460464	4	Pin, Male	
1	4460508	2	Pin, Male	
1	4460941	2	Plug, Terminal	
1	4460466	9	Plug, Terminal	
2	NPN	1	Connector - 18 Position	
2	91143340	1	Socket, Female	
2	4460465	4	Socket, Female	
2	4460509	2	Socket, Female	
2	4460942	2	Socket, Female	
2	4460466	9	Plug, Terminal	

FIGURE 7-81. REAR TUNNEL HARNESS

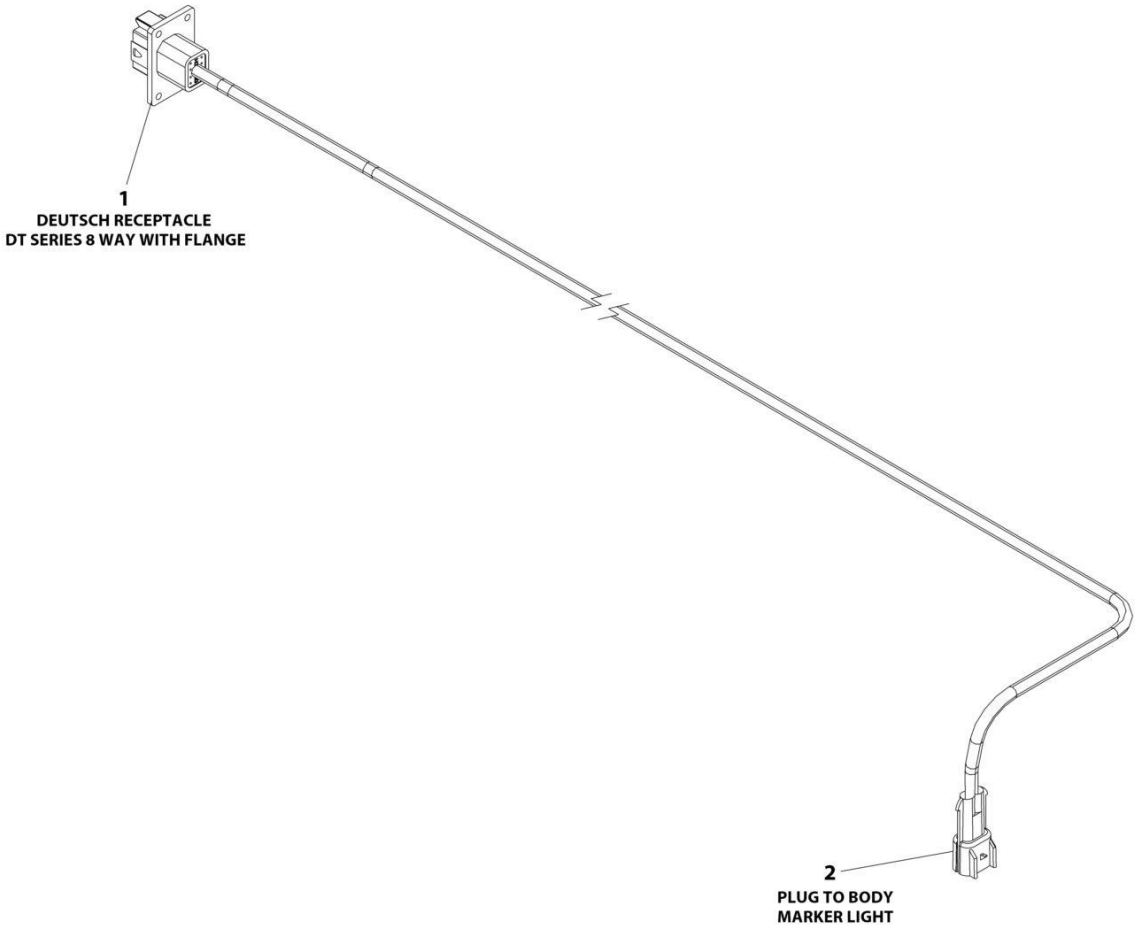


FIGURE 7-81. REAR TUNNEL HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229447	Ref	REAR TUNNEL HARNESS	A
1	1001269275	1	Connector	
1	91503106	1	Wedge, Locking	
1	4460464	2	Pin	
1	4460466	4	Plug	
1	NPN	1	Gasket	
2	1001117026	1	Connector	
2	1001116745	2	Socket	
2	4460458	2	Seal	

FIGURE 7-82. REAR TUNNEL HARNESS (DOUBLE)

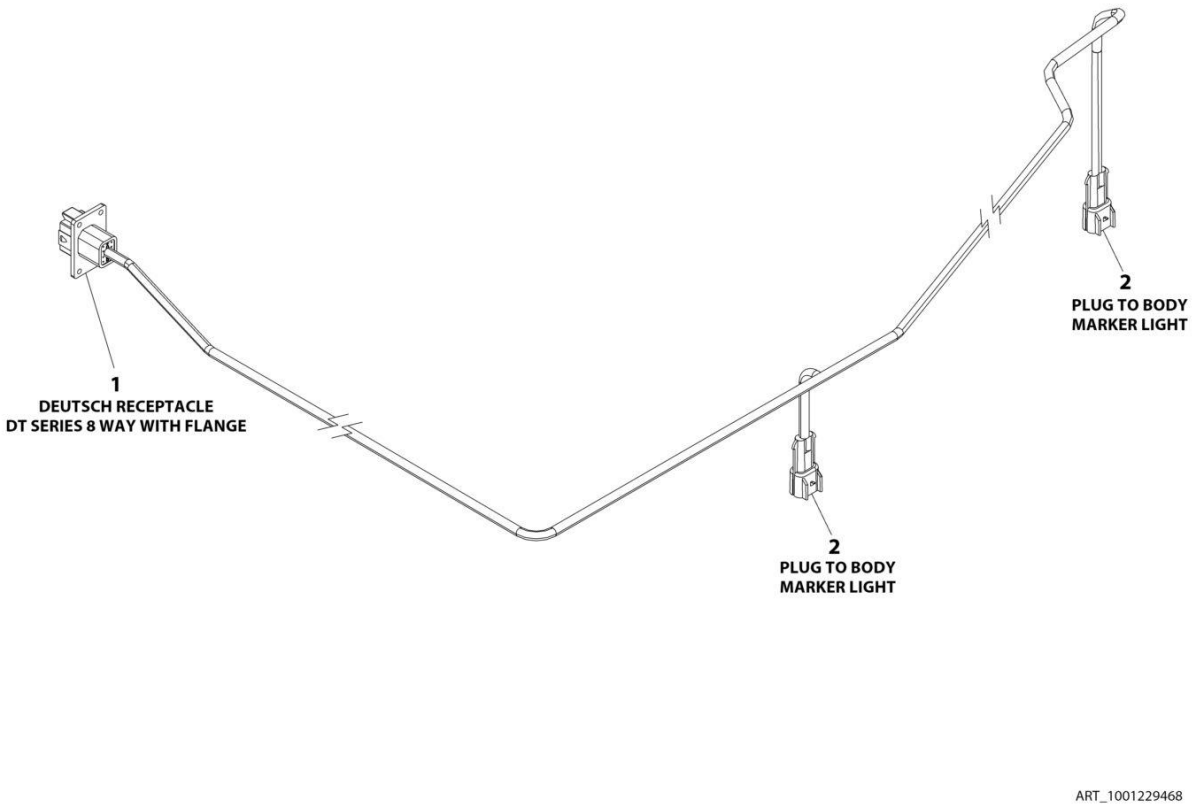


FIGURE 7-82. REAR TUNNEL HARNESS (DOUBLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229468	Ref	CABINET MID BODY HARNESS	A
1	1001269275	1	Connector	
1	91503106	1	Wedge, Locking	
1	4460464	2	Pin	
1	4460466	4	Plug	
2	NPN	1	Gasket	
2	1001117026	1	Connector	
2	1001116745	2	Socket	
2	4460458	2	Seal	

FIGURE 7-83. REMOTE CONTROL 8 FUNCTION HARNESS

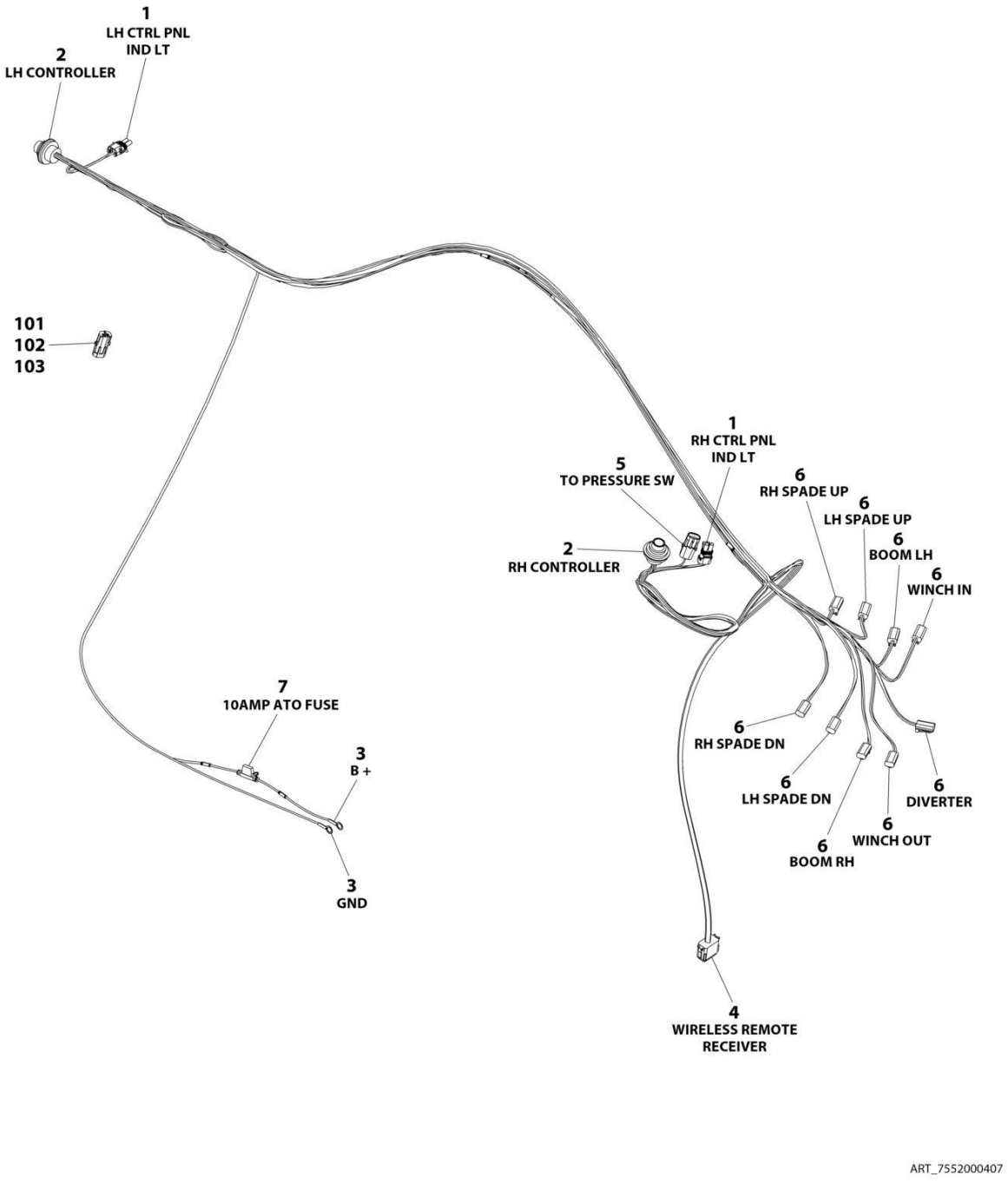


FIGURE 7-83. REMOTE CONTROL 8 FUNCTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000407	Ref	REMOTE CONTROL 8 FUNCTION HARNESS	E
1	4460742	2	Connector	
1	4460457	4	Socket	
1	4460458	2	Seal	
2	1001271968	2	Connector	
2	1001271970	20	Socket	
2	NPN	2	Strain Relief	
3	4460256	2	Terminal, Ring	
4	4460933	1	Connector	
4	4460465	11	Socket	
4	4460466	1	Plug	
5	4461157	1	Connector	
5	4460475	2	Socket	
5	4460458	2	Seal	
6	4460891	9	Connector	
6	4460465	18	Socket	
7	1001288901	1	Fuseholder	
7	80983191	1	Fuse, 10 AMP	
101	4460458	4	Seal	
102	4460475	4	Pin	
103	4461157	2	Connector	

FIGURE 7-84. REMOTE 16 FUNCTION PROP HARNESS

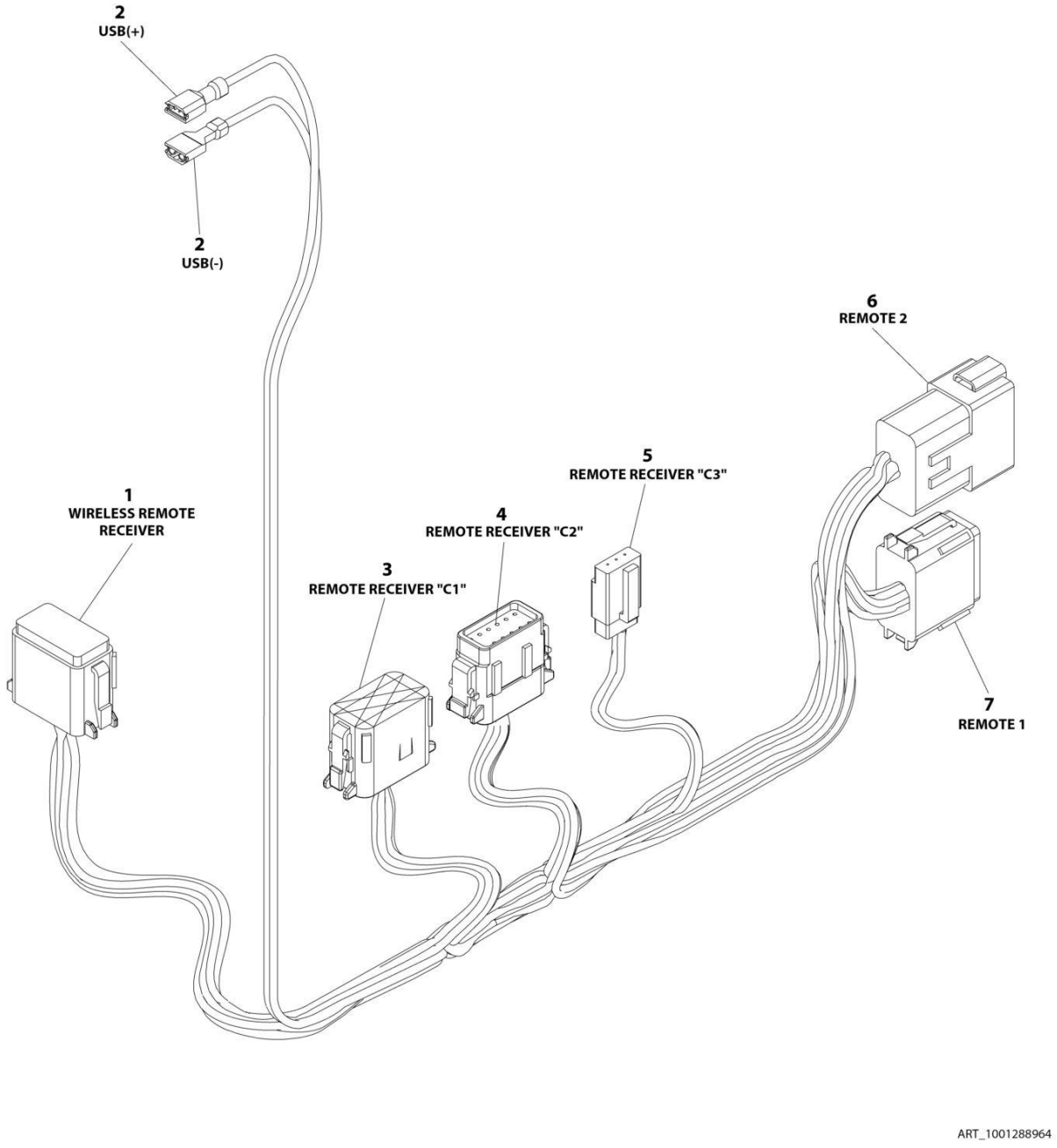


FIGURE 7-84. REMOTE 16 FUNCTION PROP HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288964	Ref	REMOTE 16 FUNCTION PROP HARNESS	A
1	4460933	1	Connector	
1	4460465	8	Socket (16-20AWG)	
1	4460466	4	Plug	
2	8220051	2	Terminal	
3	1001116774	1	Connector	
3	1001116694	6	Socket	
3	4460518	6	Plug	
4	1001116808	1	Connector	
4	1001116694	7	Socket	
4	4460518	5	Plug	
5	4460911	1	Connector	
5	1001126008	3	Socket	
6	4460970	1	Connector	
6	4460464	12	Pin	
7	4460933	1	Connector	
7	4460465	8	Socket (16-20AWG)	
7	4460942	2	Socket (14-16AWG)	
7	4460466	2	Plug	

FIGURE 7-85. SIDE STABILIZER (SRS SS-70) SWITCH HARNESS

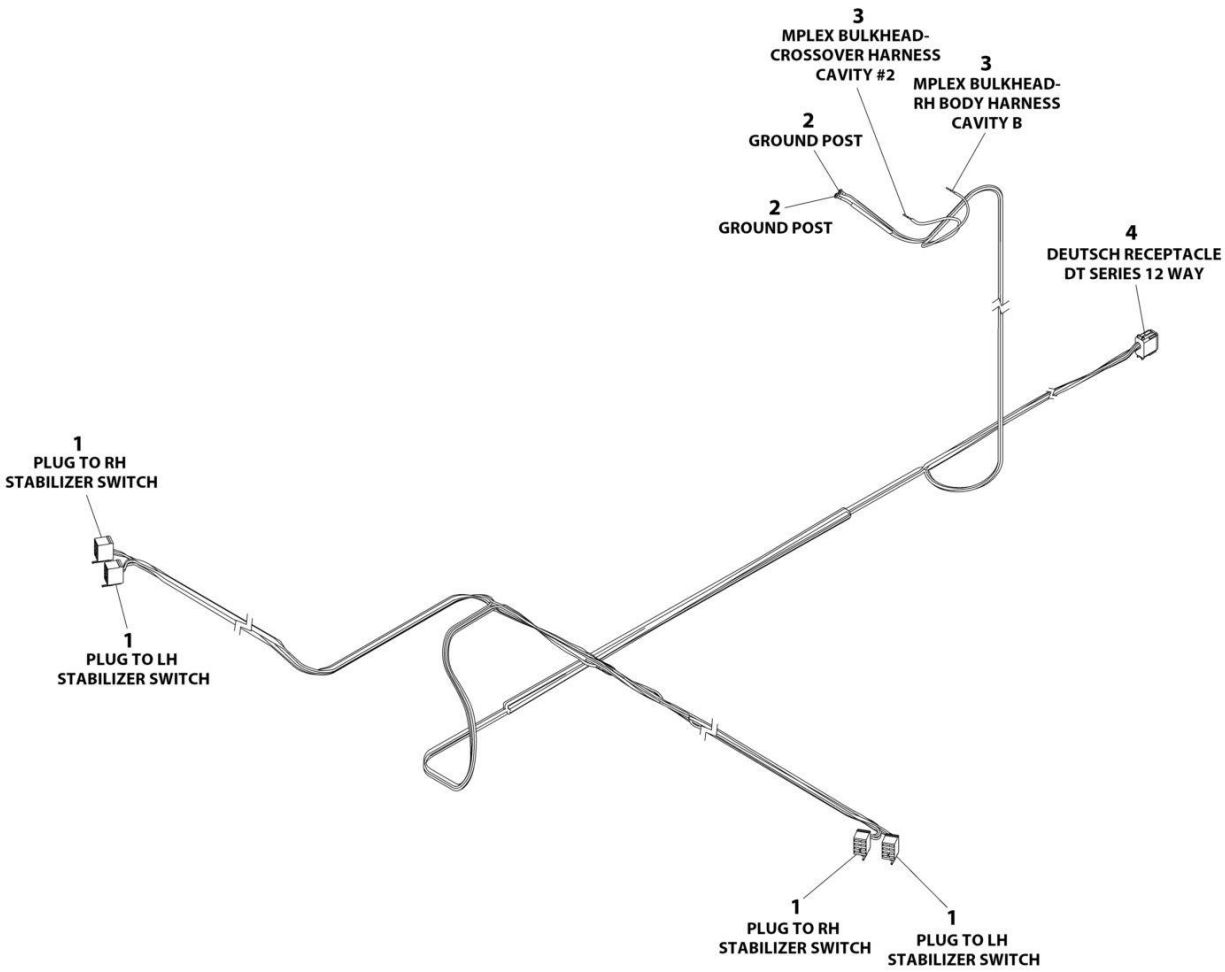


FIGURE 7-85. SIDE STABILIZER (SRS SS-70) SWITCH HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244279	Ref	HYDRAULIC SWITCHING SIDE STABILIZER HARNESS	C
1	1001262745	4	Connector	
1	4460419	24	Socket	
2	NPN	2	Terminal, Ring	
3	4460509	2	Socket	
4	4460933	1	Connector	
4	8060416	1	Wedge, Locking	
4	NPN	2	Plug	
4	4460942	7	Socket (14-16AWG)	
4	4460465	3	Socket (16-20AWG)	

FIGURE 7-86. SIDE STABILIZER (SRS SS-70) VALVE HARNESS

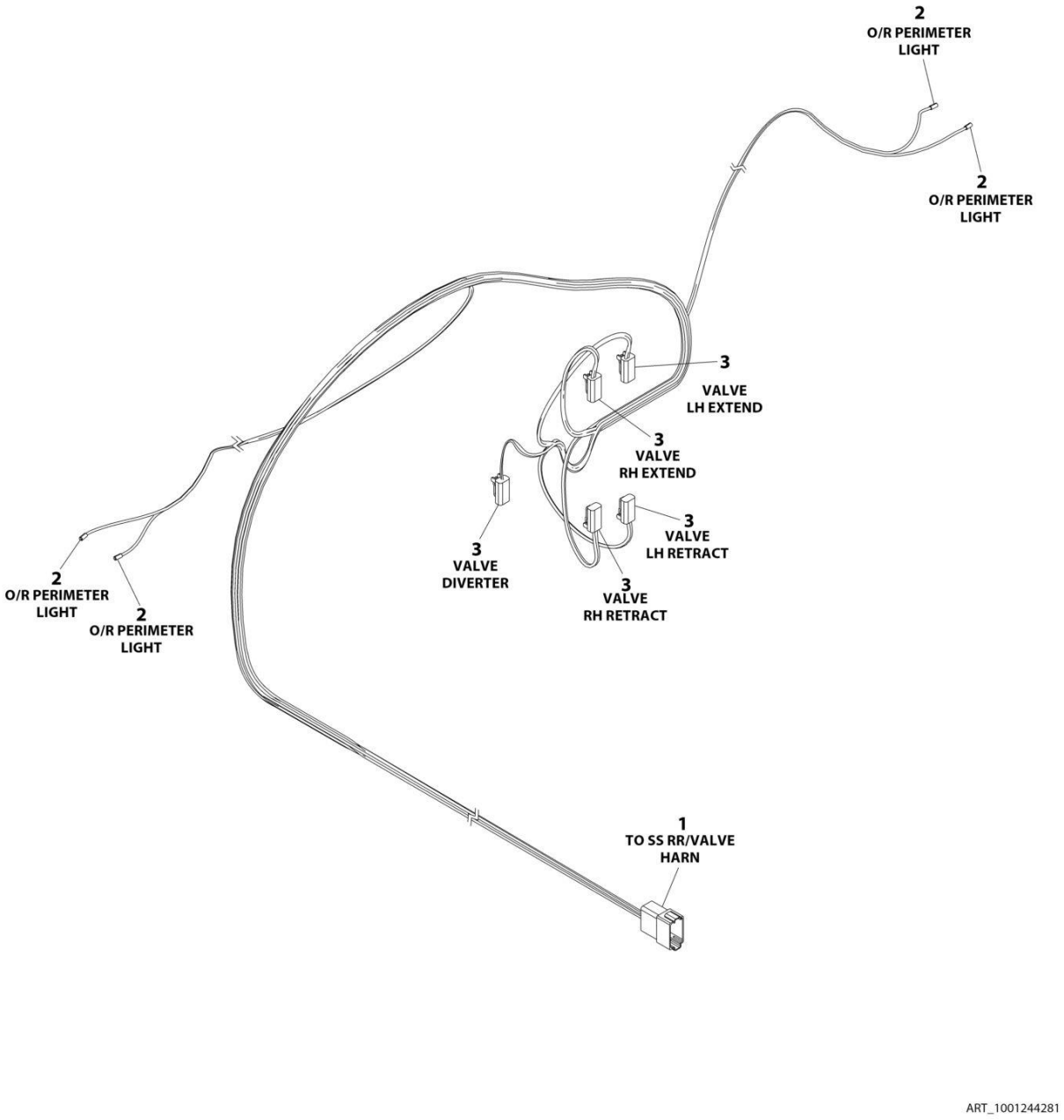


FIGURE 7-86. SIDE STABILIZER (SRS SS-70) VALVE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244281	Ref	STABILIZER (SS-70) VALVE HARNESS	B
1	4460970	1	Receptacle, Female - 12 Position	
1	4460464	3	Pin, Male	
1	4460941	7	Pin, Male	
1	4460466	2	Plug, Terminal	
2	NPN	4	Connector, Butt	
3	4460891	5	Plug, Male - 2 Position	
3	4460942	10	Socket, Female	

FIGURE 7-87. SIDE STABILIZER ELECTRICAL INSTALLATION (SS-70)

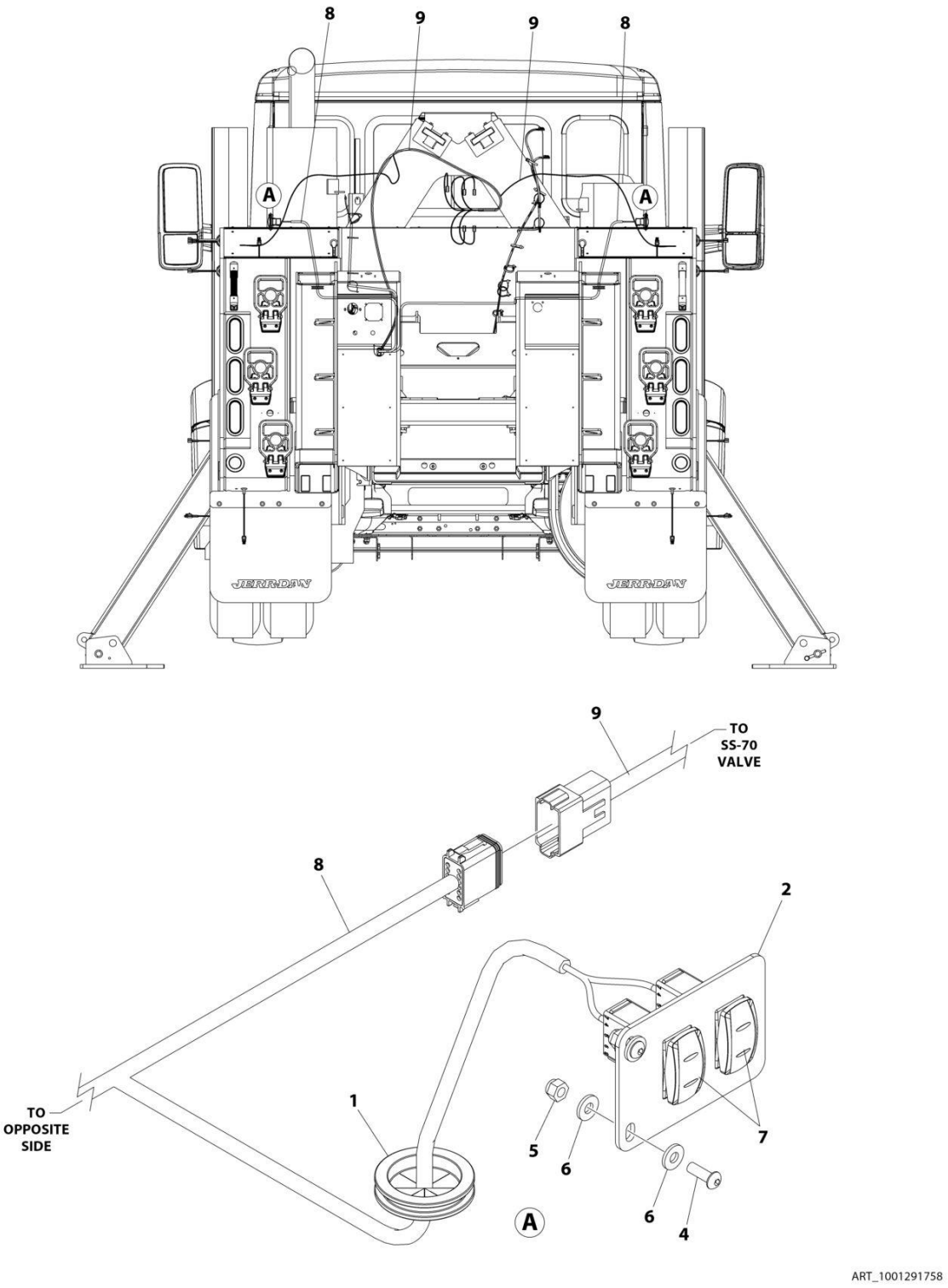


FIGURE 7-87. SIDE STABILIZER ELECTRICAL INSTALLATION (SS-70)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291758	Ref	ELECTRICAL SIDE STABILIZER INSTALLATION	A
1	2540045	2	Grommet	
2	1001291790	2	Plate	
3	5526000553	19	Tie-Strap (Not Shown)	
4	7114140618	4	Capscrew 1/4 x 3/4	
5	7660142601	4	Nut 1/4	
6	7950140143	8	Washer 1/4	
7	1001136270	4	Switch, Rocker	
8	1001244279	1	Harness, Hydraulic Switching Side Stabilizer (See Separate Breakdown in this Section)	
9	1001244281	1	Harness, Hydraulic Actuation Side Stabilizer (See Separate Breakdown in this Section)	

FIGURE 7-88. SIDE STABILIZER HARNESS EXTENSIONS

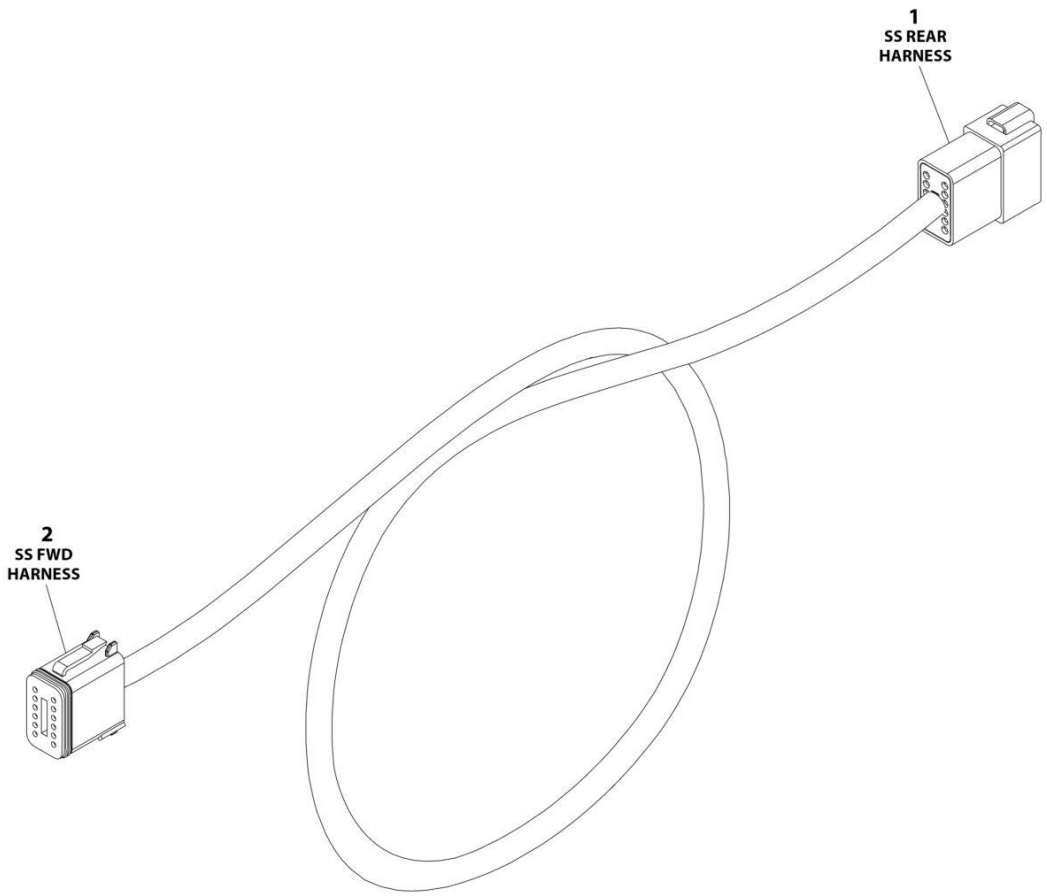


FIGURE 7-88. SIDE STABILIZER HARNESS EXTENSIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248215	Ref	STABILIZER (SS-70) EXTENSION HARNESS INSTALLATION	A
	1001244280	Ref	STABILIZER (SS-70) EXTENSION HARNESS	A
1	4460970	1	Receptacle, Female - 12 Position	
1	4460464	3	Pin, Male	
1	4460941	7	Pin, Male	
1	4460466	2	Plug, Terminal	
2	4460933	1	Plug, Male - 12 Position	
2	4460465	3	Socket, Female	
2	4460942	7	Socket, Female	
2	4460466	2	Plug, Terminal	

FIGURE 7-89. TOW LIGHT HARNESS

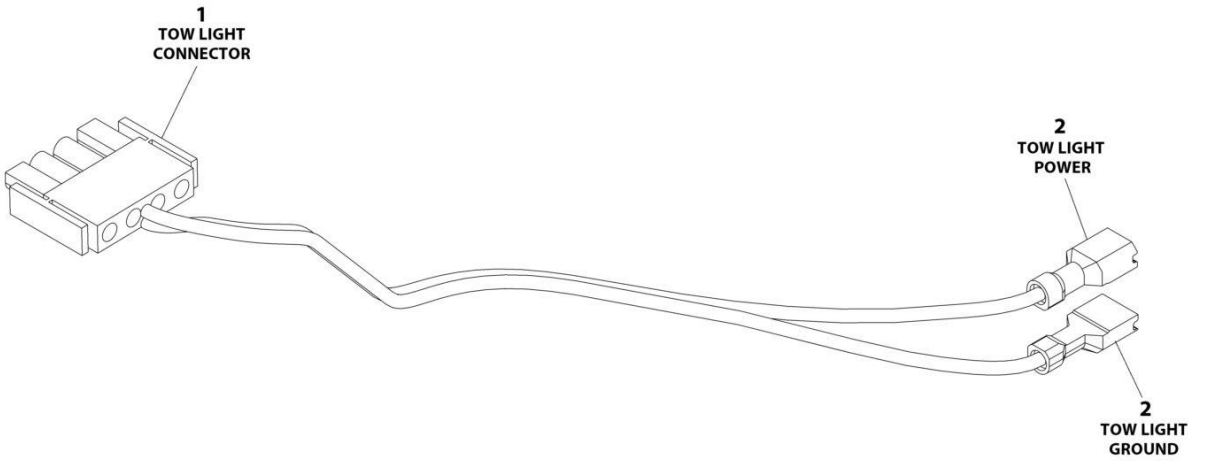


FIGURE 7-89. TOW LIGHT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209031	Ref	TOW LIGHT HARNESS	C
1	4460321	1	Connector	
1	4460268	2	Socket	
2	NPN	2	Connector	

FIGURE 7-90. TRAILER PLUG INSTALLATION - 7 WAY

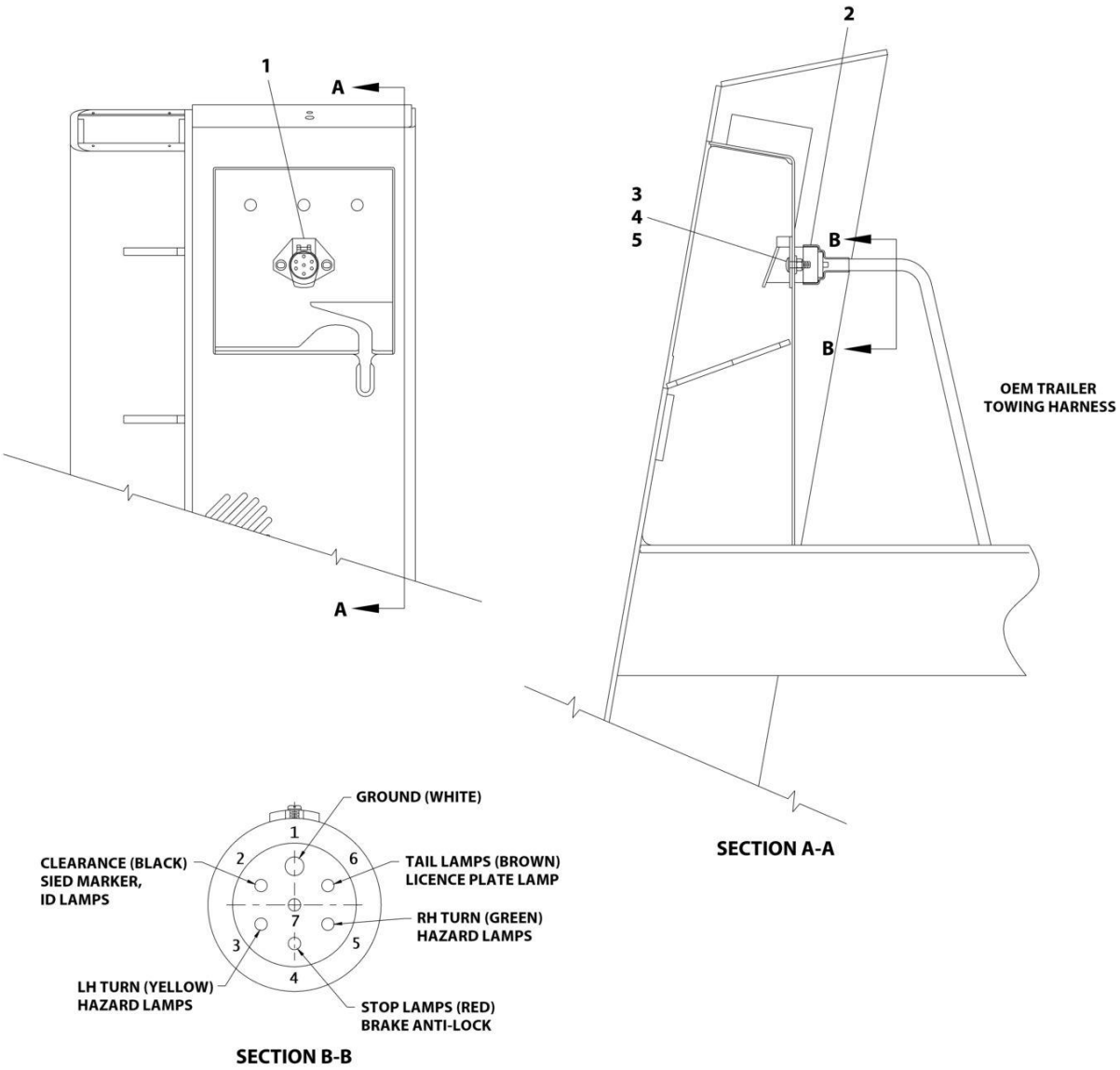


FIGURE 7-90. TRAILER PLUG INSTALLATION - 7 WAY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502330145	Ref	7 - Way Trailer Plug Installation	C
1	7346000055	1	7-Way Plug	
2	7346000078	1	7-Way Plug Boot	
3	7115151050	2	Capscrew 5/16 x 1-1/4	
4	7950150161	4	Washer 5/16	
5	7660152601	2	Nut 5/16	

FIGURE 7-91. TUNNEL HARNESS - MAIN

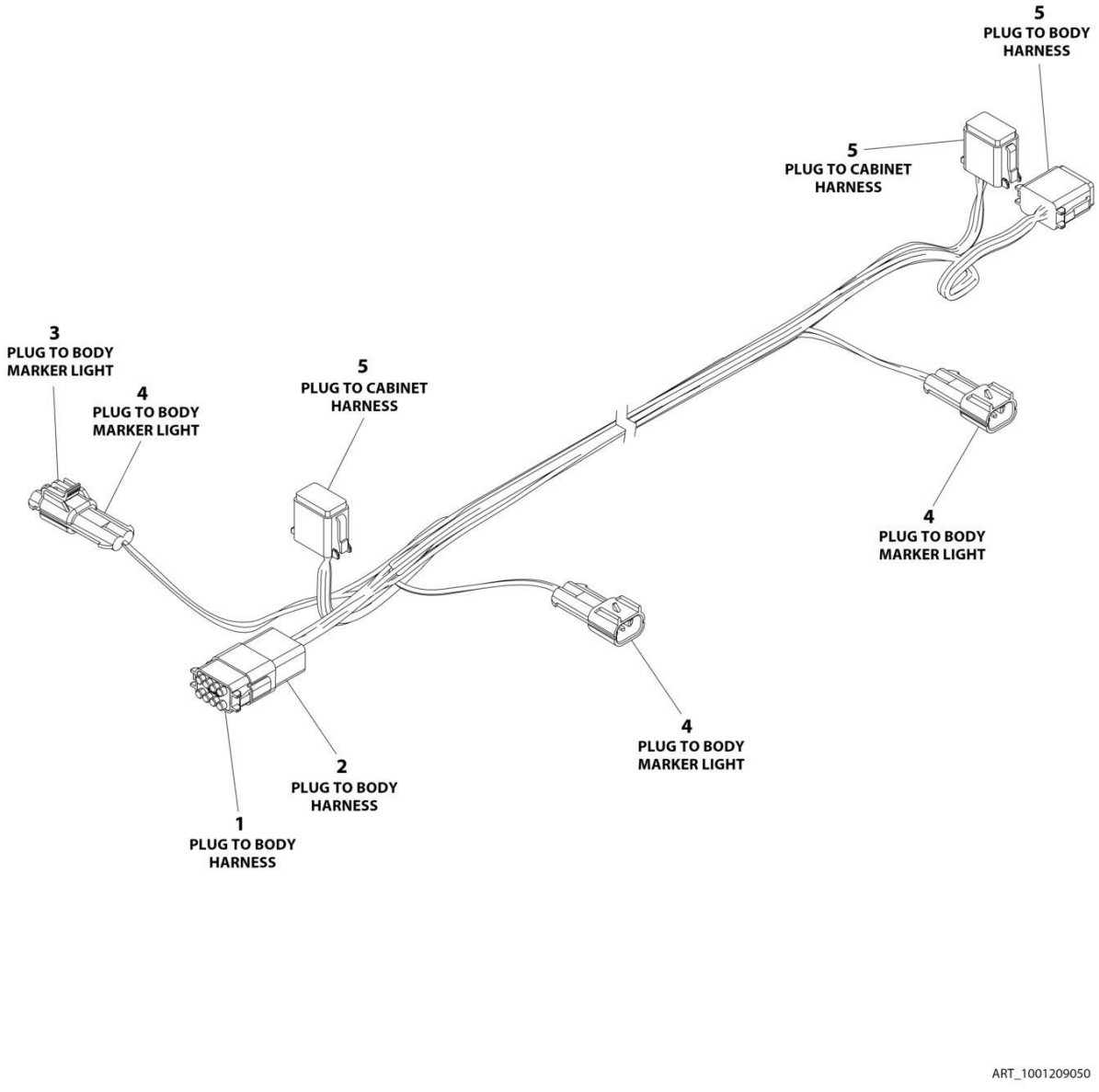


FIGURE 7-91. TUNNEL HARNESS - MAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209050	Ref	TUNNEL HARNESS - MAIN	C
1	4460930	1	Connector - 8 Position	
1	4460466	8	Plug, Terminal	
2	4460931	1	Connector - 8 Position	
2	4460464	6	Socket, Female	
2	4460466	2	Plug, Terminal	
3	NPN	1	Plug, Male - 2 Position	
3	NPN	2	Terminal	
3	4460458	2	Seal	
4	NPN	3	Receptacle, Female - 2 Position	
4	NPN	6	Terminal	
4	1001116727	6	Seal	
5	4460930	3	Connector - 8 Position	
5	4460465	18	Pin, Male	
5	4460466	6	Plug, Terminal	

FIGURE 7-92. TUNNEL HARNESS - MAIN (DOUBLE)

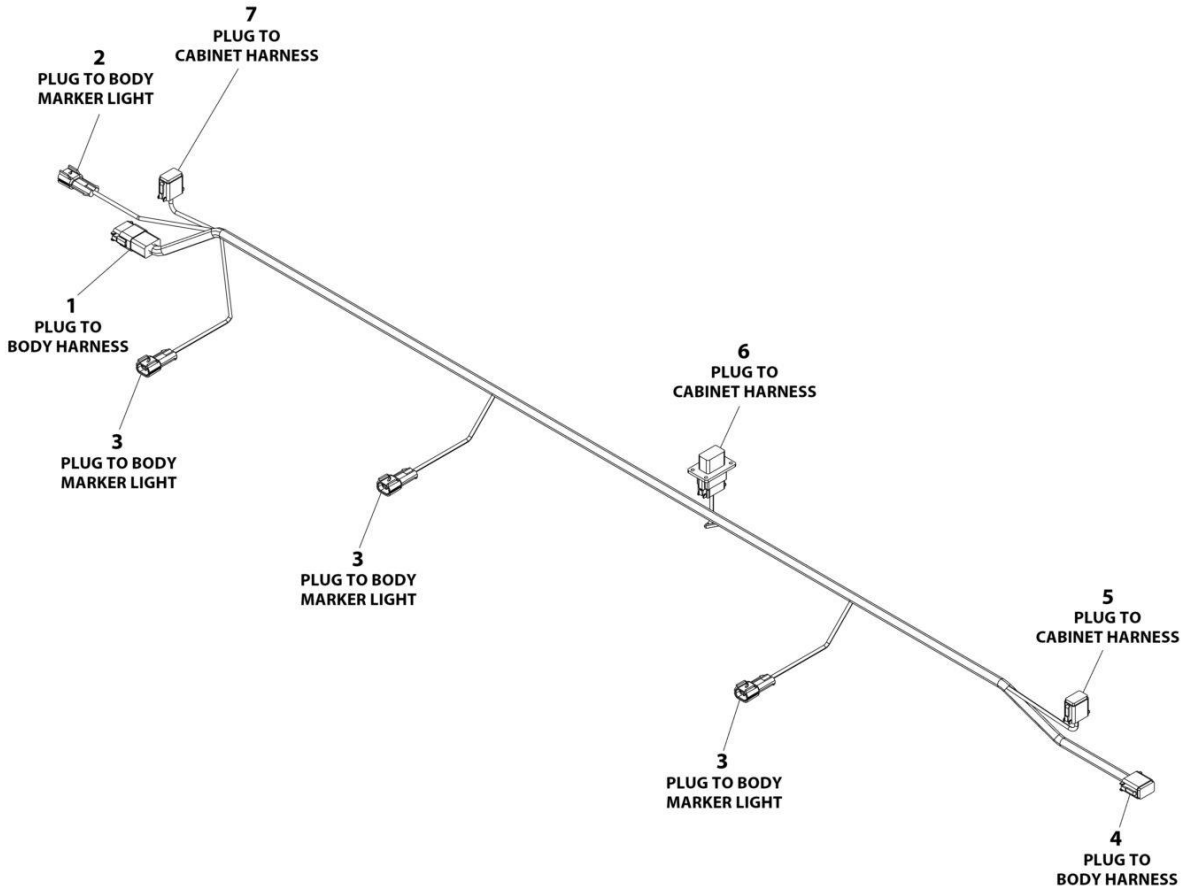


FIGURE 7-92. TUNNEL HARNESS - MAIN (DOUBLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270659	Ref	MAIN TUNNEL HARNESS (DOUBLE)	A
1	4460931	1	Connector	
1	91503104	1	Wedge, Locking	
1	4460464	4	Pin	
1	4460466	4	Plug	
1	4460930	1	Connector, Plug	
1	80604025	1	Wedge, Locking	
1	4460466	8	Plug	
2	1001117026	1	Connector	
2	1001116745	2	Socket	
2	4460458	2	Seal	
2	NPN	1	Connector, Plug	
2	1001116727	2	Plug	
3	1001117026	3	Connector	
3	NPN	3	Wedge, Locking	
3	1001116745	6	Socket	
3	4460458	6	Seal	
4	4460930	1	Connector	
4	80604025	1	Wedge, Locking	
4	4460465	4	Socket	
4	4460466	4	Plug	
5	4460930	1	Connector	
5	80604025	1	Wedge, Locking	
5	4460465	4	Socket	
5	4460466	4	Plug	
6	4460933	1	Connector	
6	80604016	1	Wedge, Locking	
6	4460465	4	Socket	
6	4460466	4	Plug	
6	4460939	1	Connector, Plug	
6	80363179	1	Wedge, Locking	
6	4460464	4	Pin	
6	4460466	8	Plug	
6	NPN	1	Gasket	
7	4460930	1	Connector	
7	80604025	1	Wedge, Locking	
7	4460465	4	Socket	
7	4460466	4	Plug	

FIGURE 7-93. TUNNEL HARNESS - REAR

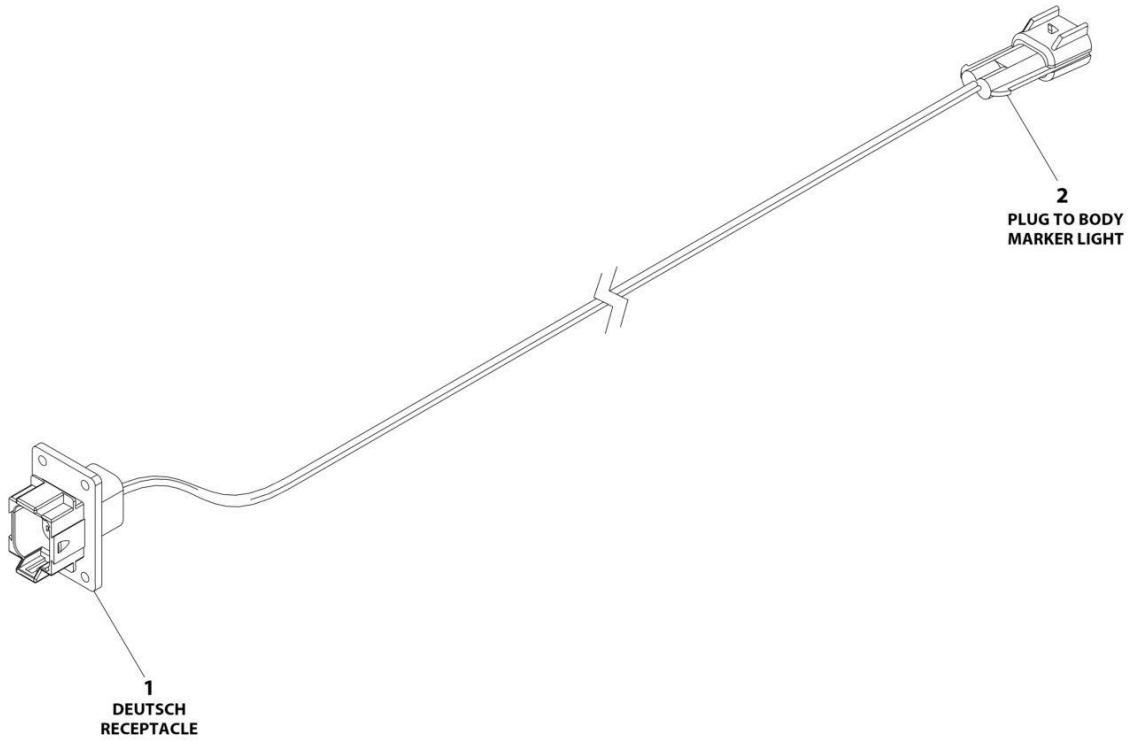


FIGURE 7-93. TUNNEL HARNESS - REAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209056	Ref	TUNNEL HARNESS - REAR	A
1	NPN	1	Connector - 8 Position	
1	4640464	2	Socket, Female	
1	4640466	4	Plug, Terminal	
1	NPN	1	Gasket	
2	NPN	1	Connector - 2 Position	
2	NPN	2	Terminal	
2	4640458	2	Seal	

FIGURE 7-94. WINCH HARNESS - 2 SPEED

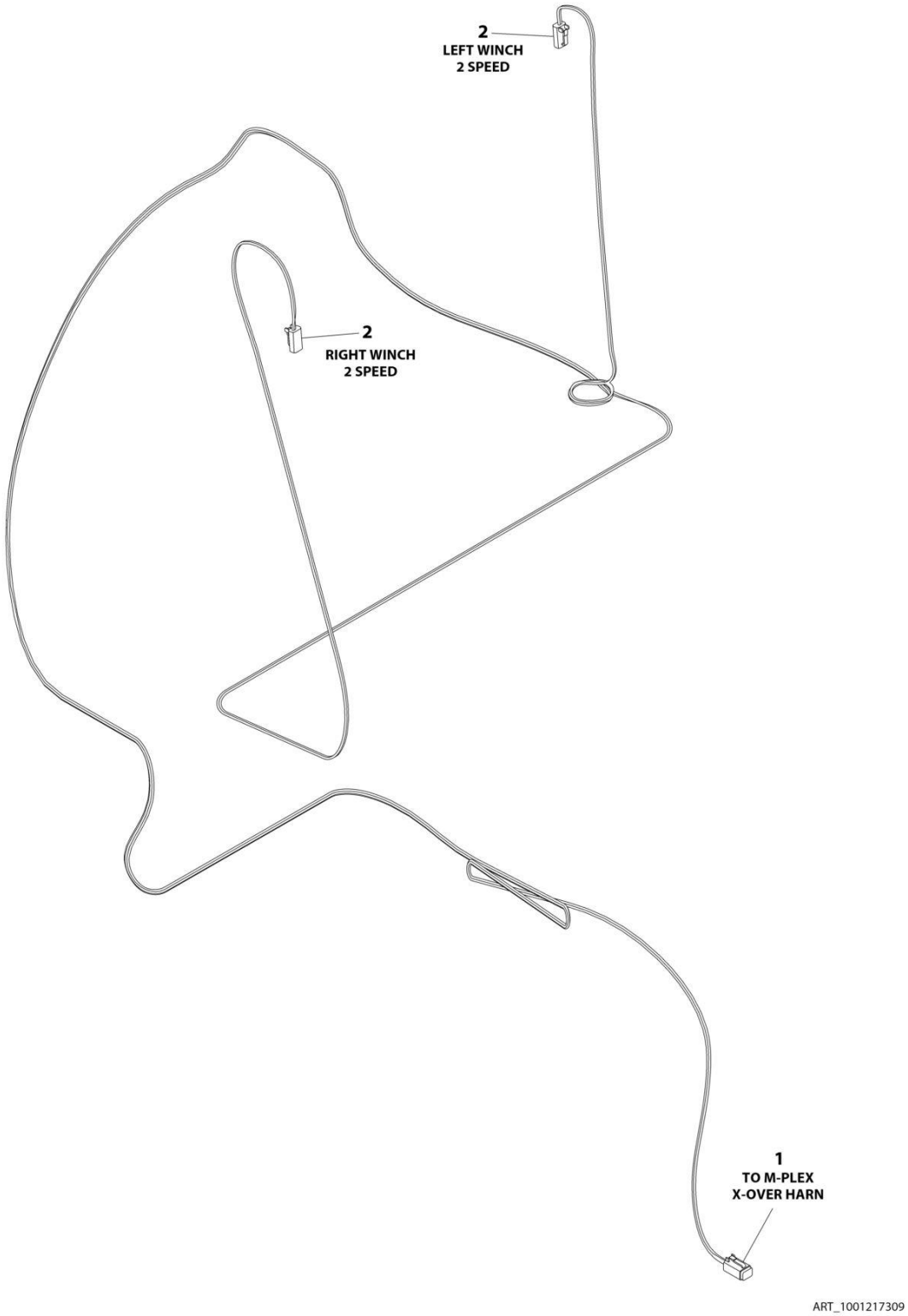


FIGURE 7-94. WINCH HARNESS - 2 SPEED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217309	Ref	WINCH HARNESS - 2 SPEED	C
1	4460884	1	Plug, Male - 4 Position	
1	4460465	4	Socket, Female	
2	4460891	2	Plug, Male - 2 Position	
2	4460465	4	Socket, Female	

FIGURE 7-95. WINCH HARNESS - DRAG WINCH

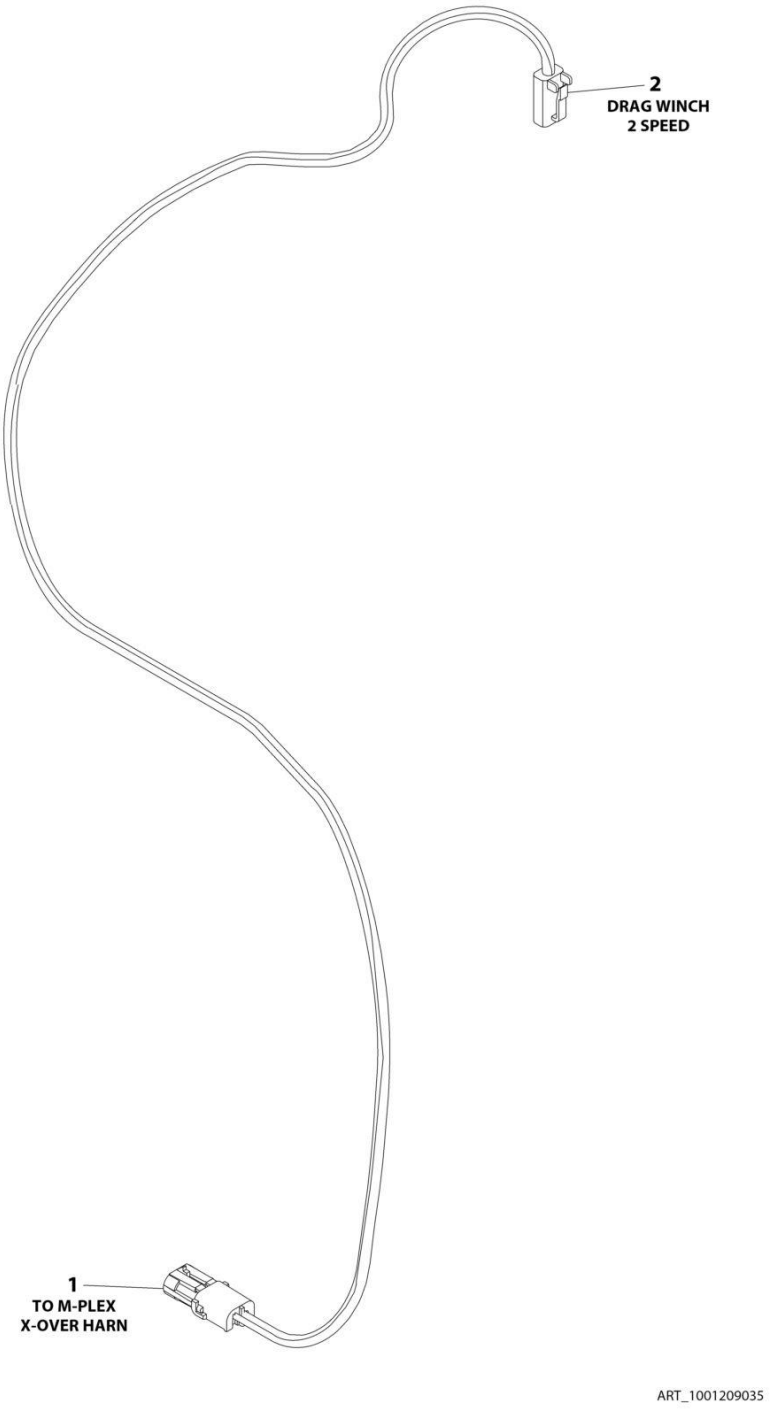


FIGURE 7-95. WINCH HARNESS - DRAG WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209035	Ref	DRAG WINCH ELECTICAL 2 SPEED HARNESS	B
1	4461157	1	Connector	
1	4460475	2	Pin	
1	4460458	2	Seal	
2	4460891	1	Connector	
2	4460465	2	Socket	

FIGURE 7-96. USB POWER HARNESS

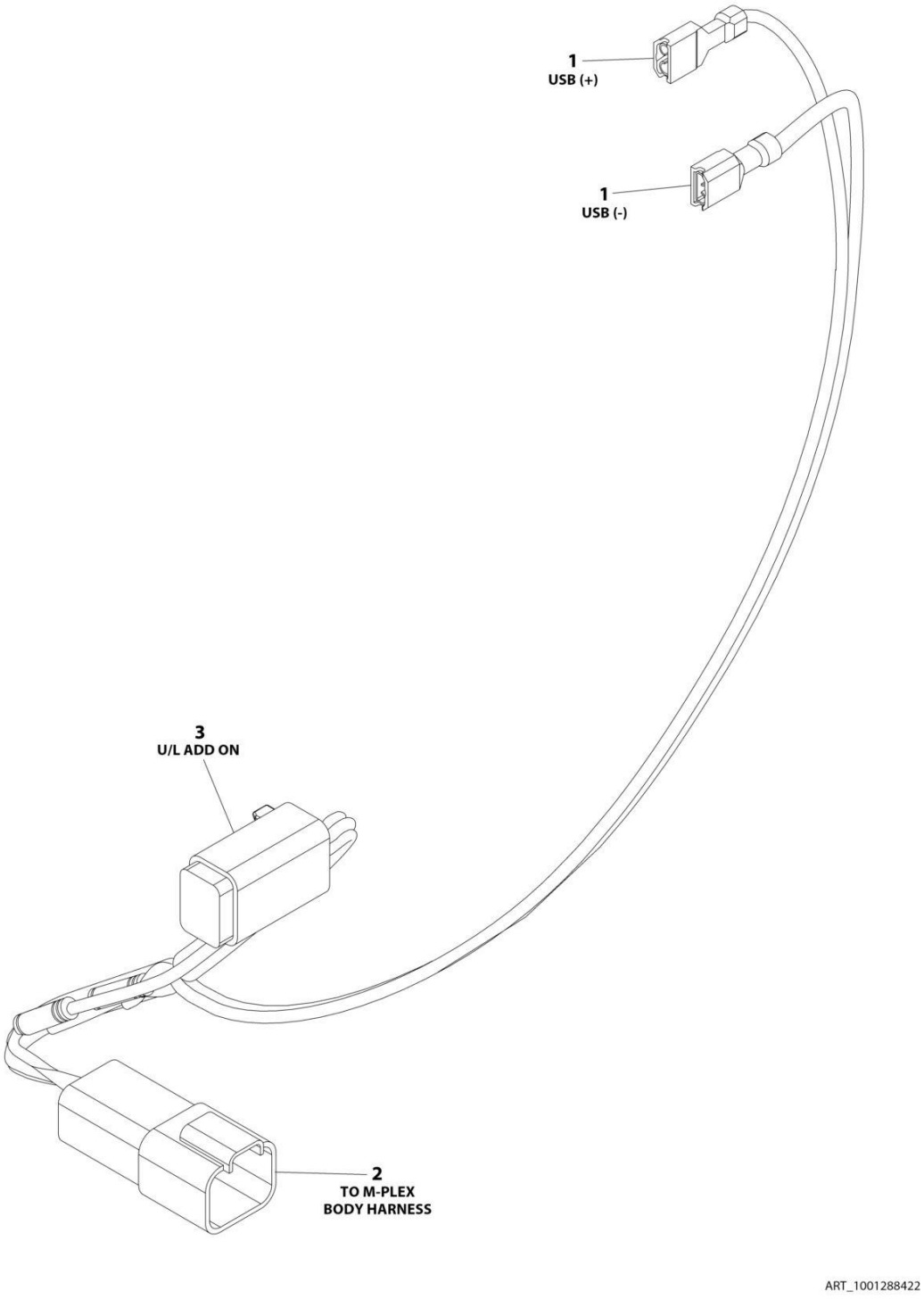


FIGURE 7-96. USB POWER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288422	Ref	USB POWER HARNESS	A
1	8220051	2	Terminal	
2	1001281269	1	Connector	
2	4460464	4	Terminal	
3	1001262482	1	Connector	
3	4460465	4	Socket	

FIGURE 7-97. VALVE HARNESS

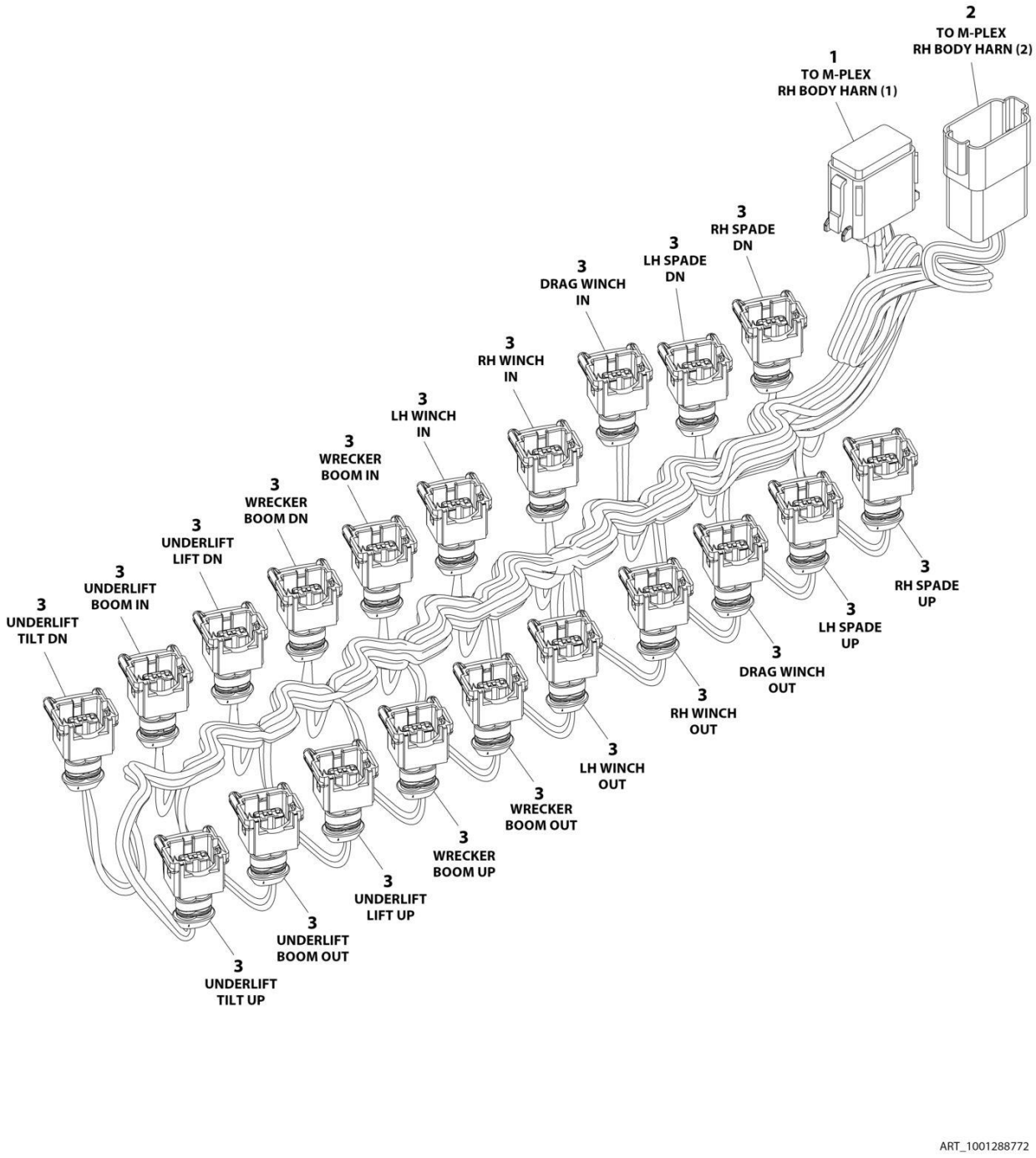


FIGURE 7-97. VALVE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288772	Ref	VALVE HARNESS	A
1	4460933	1	Connector	
1	4460465	10	Socket (16-20AWG)	
1	4460942	2	Socket (14-16AWG)	
2	4460970	1	Connector	
2	4460464	10	Pin	
2	4460466	2	Plug	
3	1001190322	20	Connector	
3	1001166707	40	Socket	

FIGURE 7-98. WINCH MONITOR HARNESS

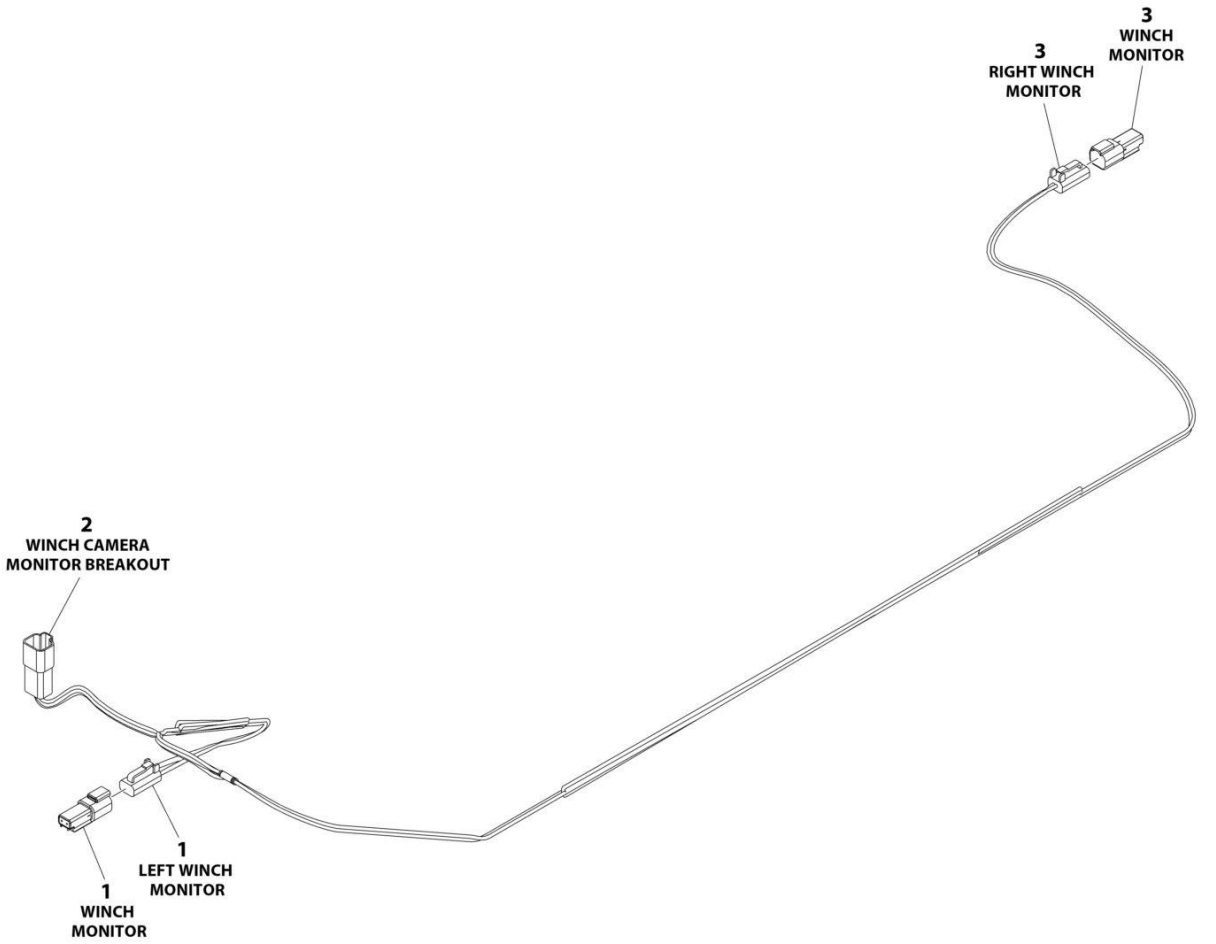


FIGURE 7-98. WINCH MONITOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209036	Ref	WINCH MONITOR HARNESS	B
1	4460891	1	Connector	
1	80604018	1	Wedge, Locking	
1	4460465	2	Socket	
1	4460897	1	Connector, Plug	
1	80604017	1	Wedge, Locking	
1	4460466	2	Plug	
2	4460932	1	Connector	
2	80604020	1	Wedge, Locking	
2	4460464	4	Pin	
3	4460891	1	Connector	
3	80604018	1	Wedge, Locking	
3	4460465	2	Socket	
3	4460897	1	Connector, Plug	
3	8060417	1	Wedge, Locking	

FIGURE 7-99. WINCH ELECTRICAL INSTALLATION - SRS

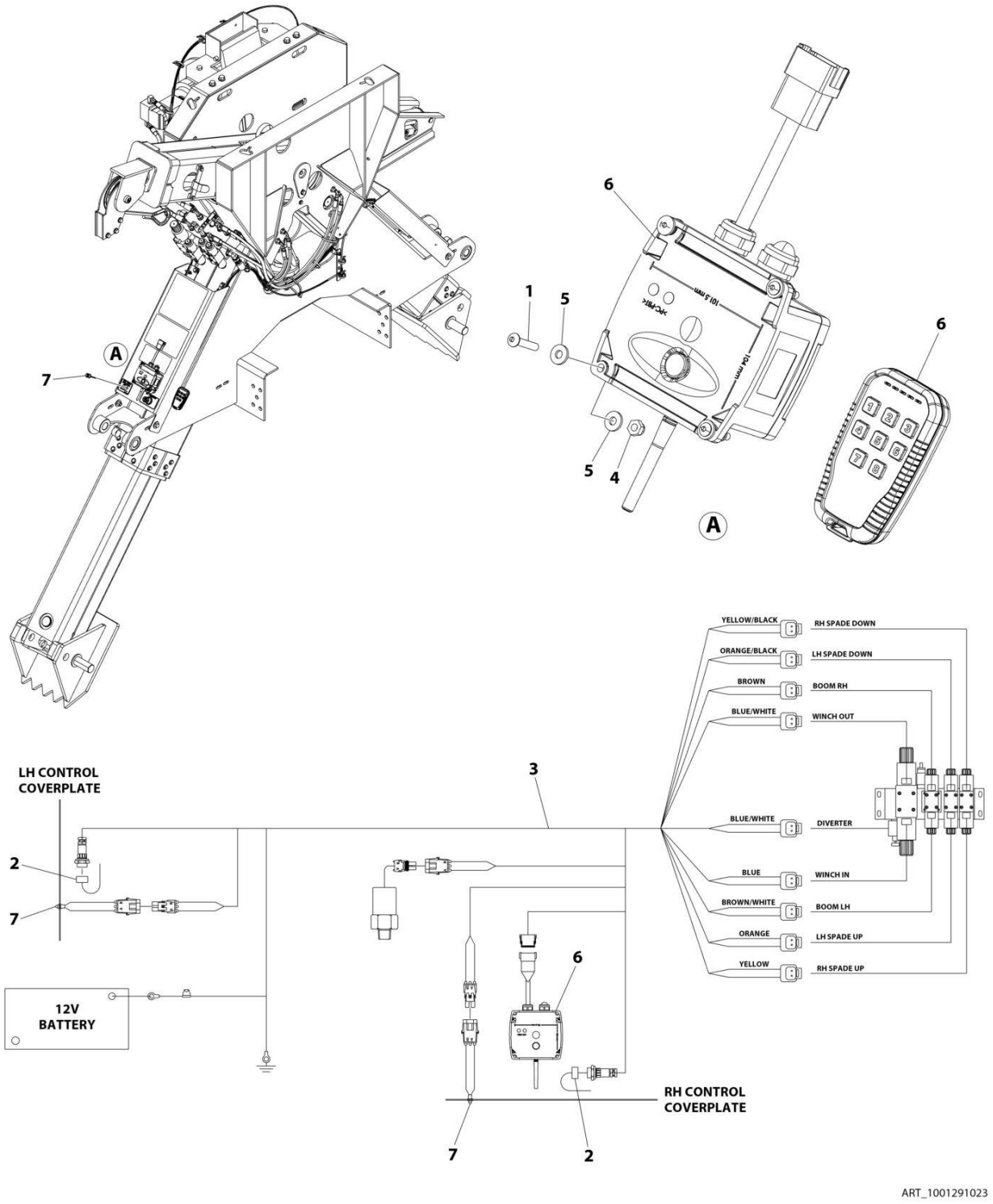


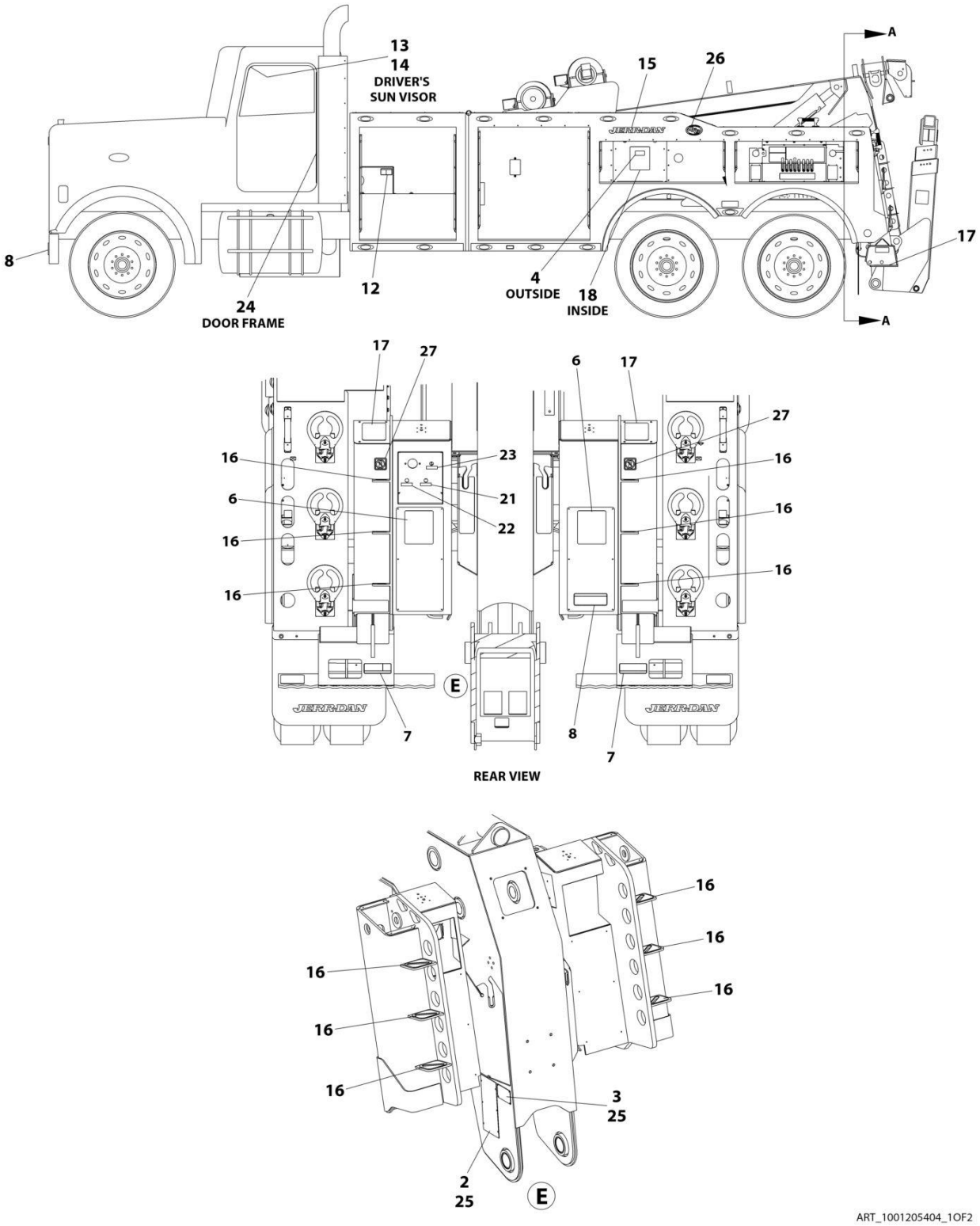
FIGURE 7-99. WINCH ELECTRICAL INSTALLATION - SRS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291023	Ref	SINGLE WINCH ELECTRICAL ASSEMBLY	A
1	7114100818	4	Screw #10 x 1	
2	7346000068	2	Cap, Dust	
3	7552000407	1	Harness, Remote Control 8 Function (See Separate Breakdown in ELECTRICAL Section)	
4	7660102601	4	Nut #10	
5	7950100143	8	Washer 3/16	
6	1001291016	1	Remote Control Assembly, 8 Function	
7	7590000364	2	Indicator	

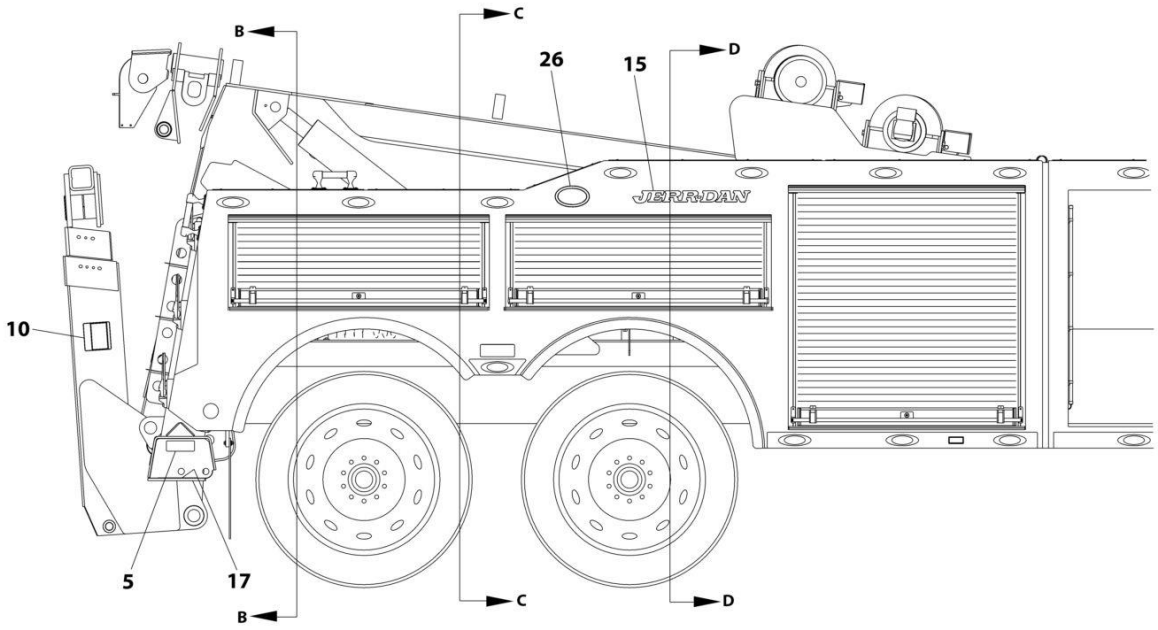
SECTION 8 - DECAL

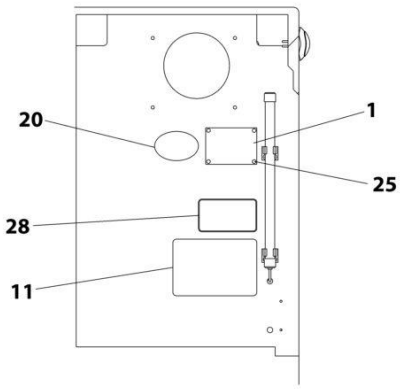
SECTION 8 - DECAL

FIGURE 8-1. DECAL INSTALLATION - COMMON

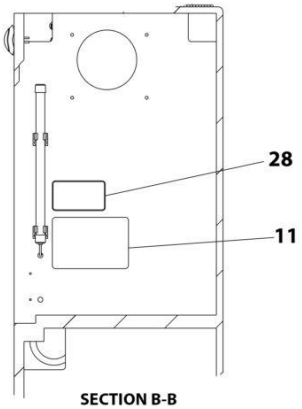


ART_1001205404_1OF2



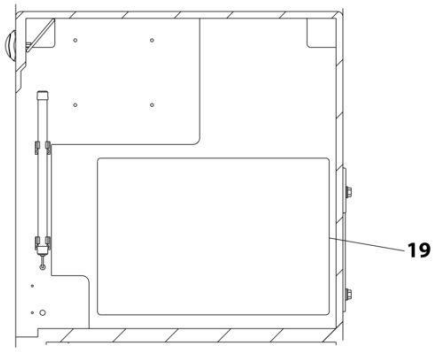


SECTION A-A

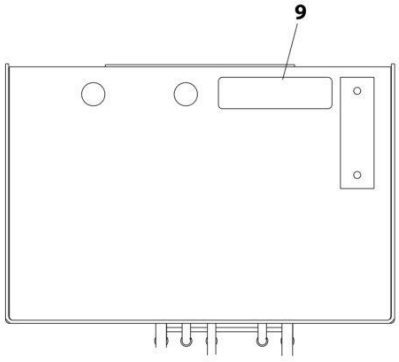


SECTION B-B

REAR FACE OF REARMOST BODY COMPARTMENT
LH & RH REAR BODY



SECTION C-C
LH BODY



SECTION D-D
HYDRAULIC TANK

ART_1001205404_2OF2

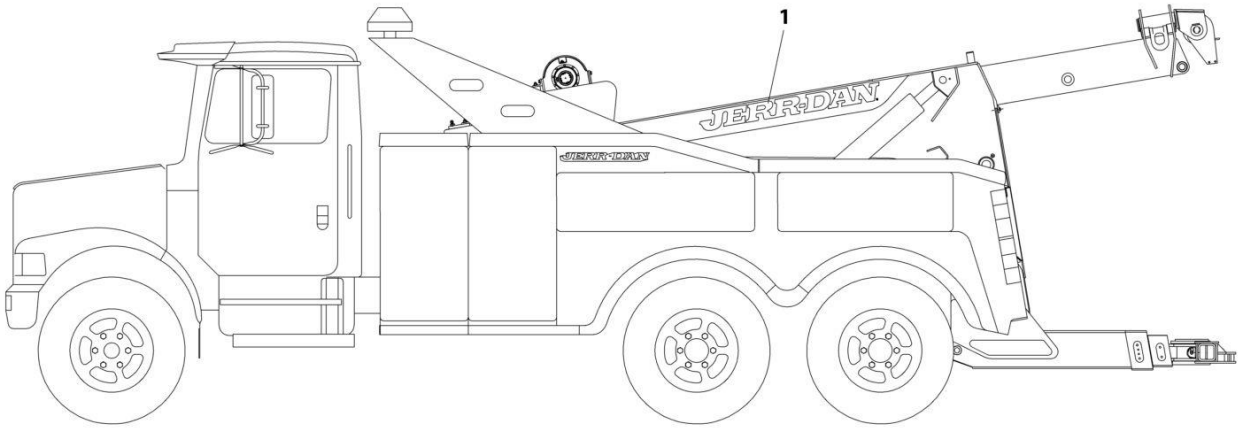
SECTION 8 - DECAL

FIGURE 8-1. DECAL INSTALLATION - COMMON

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205404	Ref	DECAL INSTALLATION	H
1	1001127220	1	Decal - Indent Tag	
2	See Note	NSS	Decal - Serial Number/Ratng (Note: Not Available for Purchase)	
3	1001132346	1	Decal - Patent	
4	1001136075	1	Decal - Hazardous Voltage Inside	
5	1001136080	2	Decal - Recovery Stability	
6	1001136091	2	Decal - Towed Load Hazard	
7	1001136094	2	Decal - Crushing Hazard	
8	1001136103	4	Decal - Electrocution Hazard	
9	1001136119	1	Decal - Hydraulic Fluid Level	
10	1001137169	2	Decal - Pinch/Crush Hazard	
11	1001138537	2	Decal - Hook Notice	
12	1001138612	2	Decal - Battery Warning	
13	1001141227	1	Decal - Backing Hazard	
14	1001142828	1	Decal - Fall Hazard	
15	1001206367	2	Decal - Jerr-Dan	
16	1001174339	6	Decal - Spade Housing Step	
17	1001174346	4	Decal - Spade Step Rectangle	
18	1001212286	1	Decal - Electrical Panel **(Prior to SN 0230005539)**	
18	1001232870	1	Decal - Electrical Panel **(SN 0230005539 to Present)**	
19	1001205331	1	Decal - Lubrication Chart	
20	7330000143	1	Decal - Made In USA	
21	7330000208	1	Decal - Service Air **(Prior to SN 0230008089)**	
22	7330000209	1	Decal - Supply Air **(Prior to SN 0230008089)**	
23	7330000210	1	Decal - Auxiliary Air **(Prior to SN 0230008089)**	
24	7330000689	1	Decal - Certification	
25	7759000004	14	Rivet	
26	1001206364	2	Decal - JFB Badge	
27	1001142452	2	Decal - No Step	
28	1001231801	2	Decal - Warning Prop 65	

SECTION 8 - DECAL

FIGURE 8-2. DECAL INSTALLATION - JERR-DAN LOGO (RED)

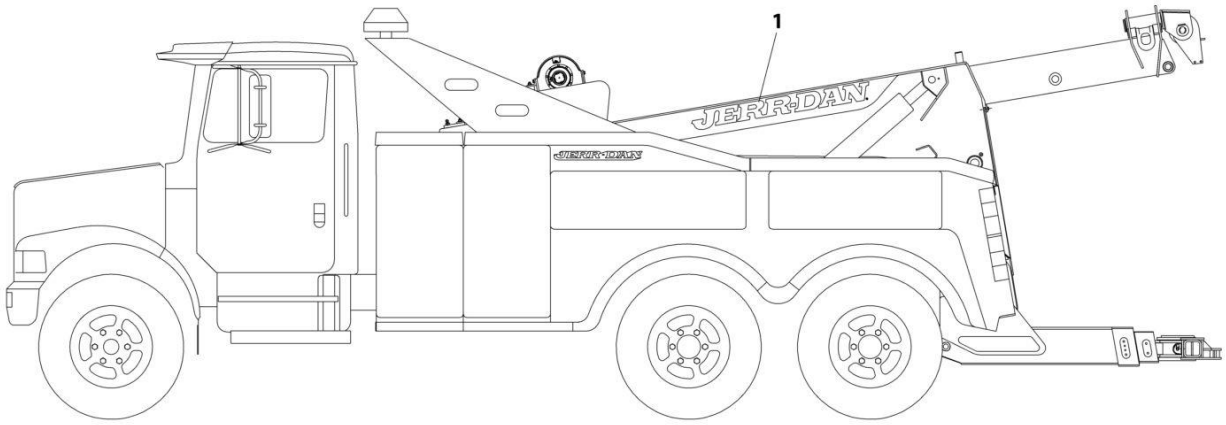


ART_1001143489

FIGURE 8-2. DECAL INSTALLATION - JERR-DAN LOGO (RED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143489	Ref	DECAL INSTALLATION - JERR-DAN LOGO (RED)	A
1	7330000294	2	Decal - JERR-DAN Logo (Red)	

FIGURE 8-3. DECAL INSTALLATION - JERR-DAN LOGO (WHITE)



ART_1001143487

FIGURE 8-3. DECAL INSTALLATION - JERR-DAN LOGO (WHITE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143487	Ref	DECAL INSTALLATION - JERR-DAN LOGO (WHITE)	A
1	7330000535	2	Decal - JERR-DAN Logo (White)	

SECTION 8 - DECAL

FIGURE 8-4. DECAL INSTALLATION - SRS (35K WINCH)

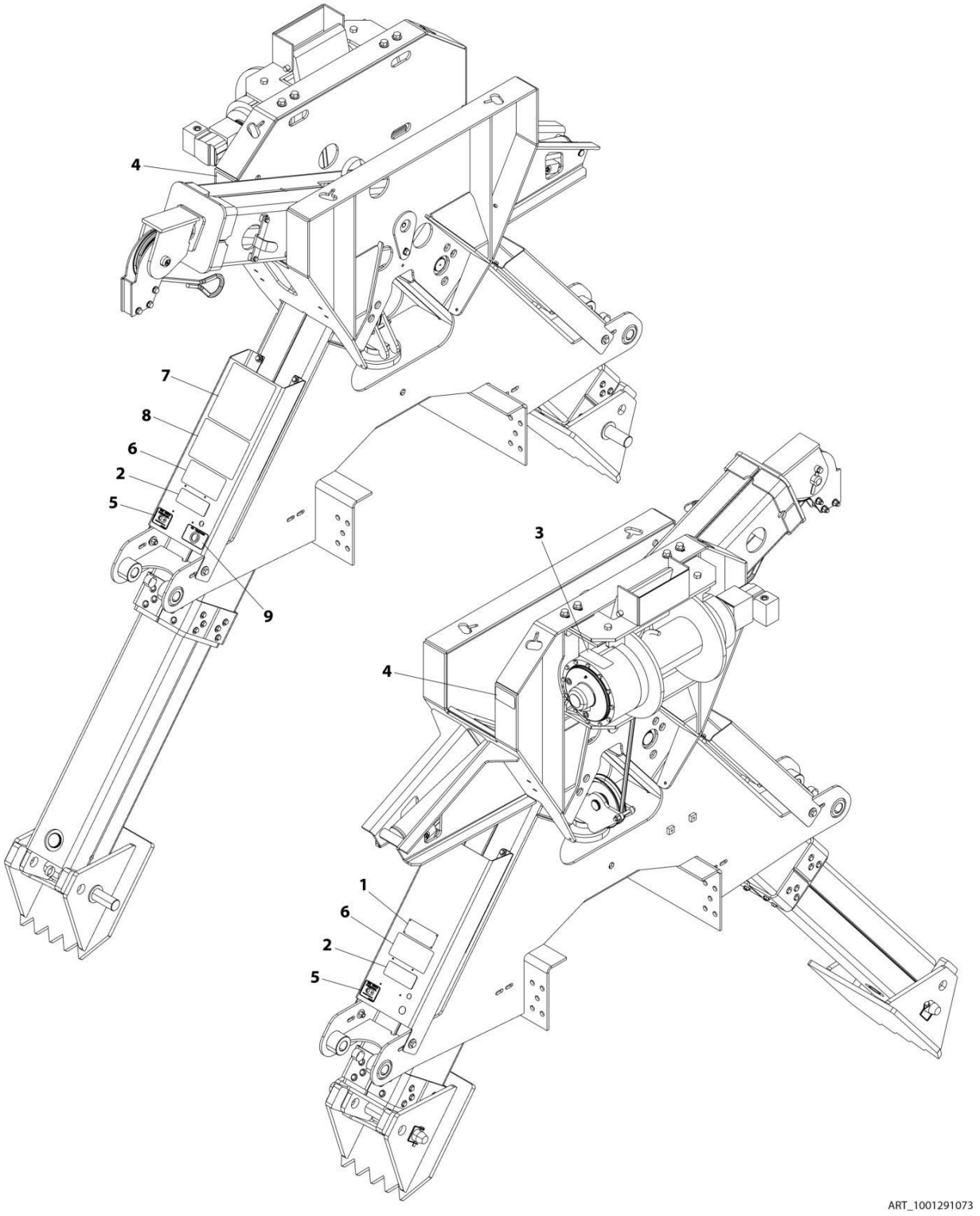


FIGURE 8-4. DECAL INSTALLATION - SRS (35K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291073	Ref	DECAL INSTALLATION	A
1	1001127222	1	Decal, Indent Tag	
2	1001136094	2	Decal, Crushing Hazard	
3	1001142812	1	Decal, Pinch Hazard	
4	1001199783	2	Decal, Warning Pinch Point	
5	1001199786	2	Decal, Winch Freespool	
6	1001199787	2	Decal, Winch Warning	
7	1001199789	1	Decal, Valve	
8	1001199790	1	Decal, Lubrication	
9	1001257300	1	Decal, Air Tensioner	

FIGURE 8-5. DECAL INSTALLATION - SRS (SS-70)

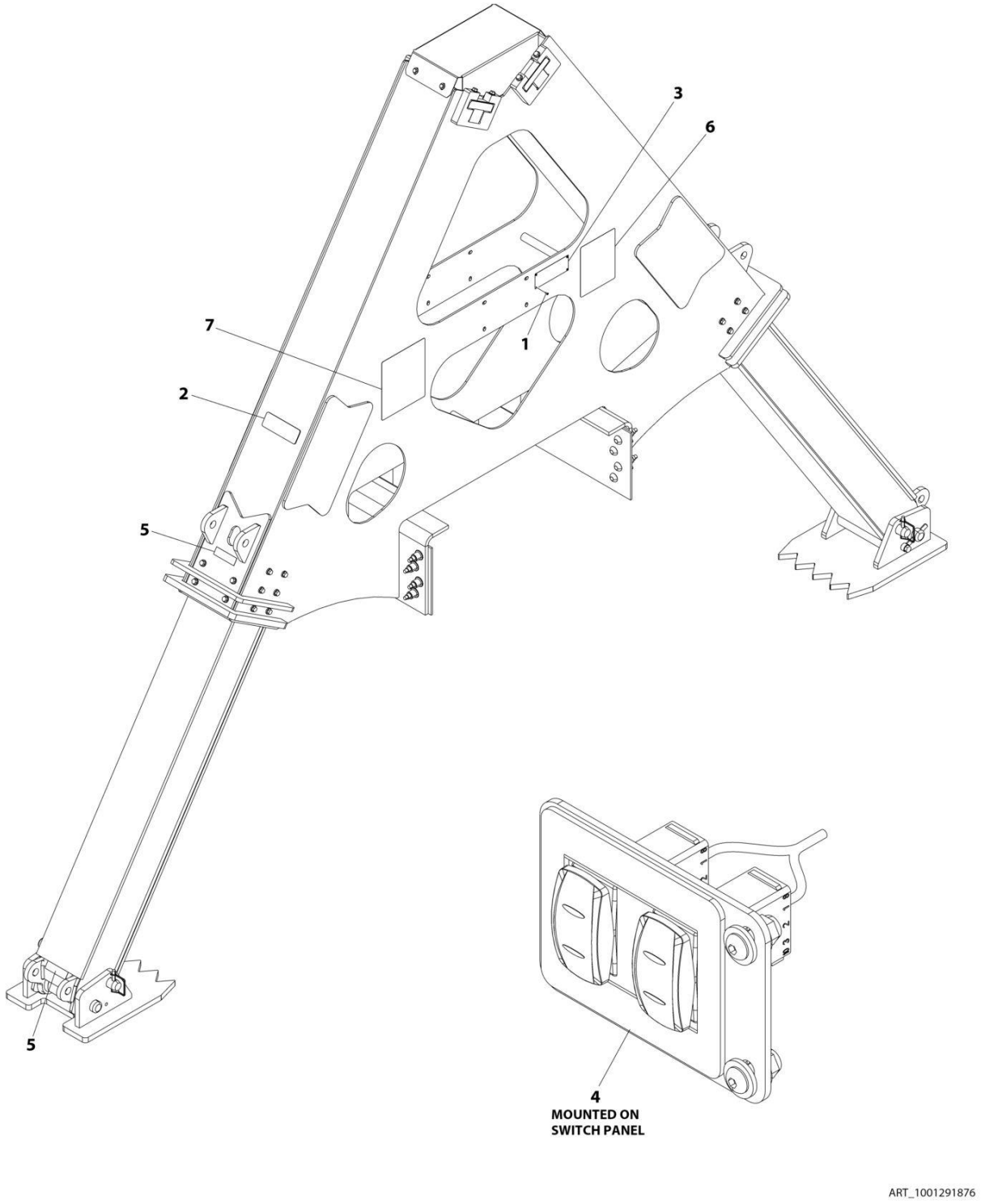


FIGURE 8-5. DECAL INSTALLATION - SRS (SS-70)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291876	Ref	DECAL INSTALLATION	A
1	3820031	4	Rivet	
2	1001136094	2	Decal, Crushing Hazard	
3	1001246130	1	Decal, Ident Tag	
4	1001246956	2	Decal, Controls	
5	1001246957	4	Decal, D-Ring	
6	1001247794	1	Decal, Lubrication Chart	
7	1001247795	1	Decal, Override Controls	

SECTION 9 - ACCESSORIES

SECTION 9 - ACCESSORIES

FIGURE 9-1. SERVICE & AFTERMARKET KITS LIST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241869	Ref	SERVICE & AFTERMARKET KITS LIST	I
		Ref	Note: Contact JERR-DAN Parts Department for exact contents of kits.:	
	7002000505	Ref	Cord, Electrical Extension 25FT (GSA Specs)	
	1001264819	Ref	Kit, Body (Tandem)	
	1001207496	Ref	Kit, Broom Storage	
	1001262538	Ref	Kit, Camera (Back up)	
	1001279212	Ref	Kit, Camera (Rear Winch) (Drivers Side)	
	1001279211	Ref	Kit, Camera (Rear Winch) (Passengers Side)	
	1001279213	Ref	Kit, Camera (Underlift)	
	1001201341	Ref	Kit, Chain Binder Storage (Tandem)	
	1001201164	Ref	Kit, Chain Binder Storage (Tri-Axle)	
	1001207623	Ref	Kit, Chain Binder Storage	
	1001197183	Ref	Kit, Chian Storage (Rotary)	
	1001219776	Ref	Kit, Chian Storage (Rotary)	
	1001207510	Ref	Kit, Cribbing Storage Tandem)	
	1001201514	Ref	Kit, Cribbing Storage (Tri-Axle)	
	1001199998	Ref	Kit, Drawer Storage - Tilt Down (Tandem)	
	1001199999	Ref	Kit, Drawer Storage - Tilt Down (Tri-Axle)	
	1001208631	Ref	Kit, Drawer Storage - Tilt Down (48IN)	
	1001195256	Ref	Kit, Drawer Storage - Tool (Tandem)	
	1001195337	Ref	Kit, Drawer Storage - Tool (Tri-Axle Drivers Side)	
	1001208635	Ref	Kit, Drawer Storage - Tool (Tri-Axle Passengers Side)	
	1001220164	Ref	Kit, Drawer Storage - Tool (BB/Tri-Axle Drivers Side)	
	1001228254	Ref	Kit, Drawer Storage - Tool (BB/Tri-Axle Tunnel)	
	1001195942	Ref	Kit, Fifth Wheel & Pintle Storage (Tandem)	
	1001195943	Ref	Kit, Fifth Wheel & Pintle Storage (Tri-Axle Passengers Side)	
	1001208636	Ref	Kit, Fifth Wheel & Pintle Storage (37IN Tunnel)	
	1001195698	Ref	Kit, Fire & Emergency	
	FEX-GSARB	Ref	Kit, Fire & Emergency (GSA Specs)	
	1001201704	Ref	Kit, Flare Storage	
	1001197683	Ref	Kit, Flashlight Storage	
	1001263856	Ref	Kit, Fork Riser (Frame) Storage (Single Steer)	
	1001263857	Ref	Kit, Fork Riser (Frame) Storage (5 Axle)	
	1001263858	Ref	Kit, Fork Riser (Frame) Storage (Twin Axle)	
	1001195788	Ref	Kit, Fork Riser Storage (35Ton Tandem)	
	1001195825	Ref	Kit, Fork Riser Storage (35Ton Tri-Axle)	
	1001210749	Ref	Kit, Fork Riser Storage (50/60Ton)	
	1001269884	Ref	Kit, Fork Velocity	
	2512880041	Ref	Kit, Frame Forks	
	1001263854	Ref	Kit, Frame Forks Storage (35Ton Tandem)	
	1001263855	Ref	Kit, Frame Forks Storage (35Ton Tri-Axle)	
	1001214175	Ref	Kit, Grizzly Bar Storage	
	3577000156	Ref	Kit, GSA 972 Accessories	
	7262000048	Ref	Chain Assembly	
		Ref	**Snatch Block**	
	7894000055	1	Steering Wheel Lock Strap	
	1001196215	Ref	Kit, Jack Storage (Tandem)	
	1001196214	Ref	Kit, Jack Storage (Tri-Axle)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200001	Ref	Kit, Ladder Storage	
	1001195038	Ref	Kit, Shackle Storage (Tandem)	
	1001195083	Ref	Kit, Shackle Storage (Tri-Axle)	
	1001263822	Ref	Kit, Shelf	
	1001214300	Ref	Kit, Shelf Storage (36IN)	
	1001214299	Ref	Kit, Shelf Storage (48IN)	
	1001214298	Ref	Kit, Shelf Storage - Upper (36IN)	
	1001214264	Ref	Kit, Shelf Storage - Upper (48IN)	
	1001214303	Ref	Kit, Shelf Storage - Upper	
	1001210746	Ref	Kit, Shovel/Grizzly Bar Storage (Tandem)	
	1001210747	Ref	Kit, Shovel/Grizzly Bar Storage (Tri-Axle)	
	1001195088	Ref	Kit, Snatch Block Storage (Tandem 3/2015-11/2016)	
	1001217105	Ref	Kit, Snatch Block Storage (Tandem 11/2016-8/2023)	
	1001217106	Ref	Kit, Snatch Block Storage (Tri-Axle) (25Ton before 11/2018 & 35Ton 11/2016-8/2023)	
	1001195134	Ref	Kit, Snatch Block Storage (Rotary) (35Ton & 50/60Ton 10/2016-8/2023)	
	1001201371	Ref	Kit, Spill Storage (Tandem)	
	1001210748	Ref	Kit, Spill Storage (Tri-Axle)	
	1001207548	Ref	Kit, Spreader Bar Storage (Dual)	
	1001210750	Ref	Kit, Spreader Bar Storage (Single)	
	1001195421	Ref	Kit, Sta-Dry Silo Storage	
	1001207593	Ref	Kit, Strap Storage (Tandem)	
	1001208637	Ref	Kit, Strap Storage (Tri-Axle)	
	1001205796	Ref	Kit, Tire Lift/Arms Storage (36IN)	
	1001196249	Ref	Kit, Tire Lift/Arms Storage (48IN)	
	1001207556	Ref	Kit, Tire Lift/Bus Arms Storage	
	1001201234	Ref	Kit, Tool Storage	
	1001195592	Ref	Kit, Tow Light Storage	
	1001195764	Ref	Kit, Traffic Cone Storage (35Ton)	
	1001207508	Ref	Kit, Traffic Cone Storage (60Ton)	
	1001195520	Ref	Kit, Wheel Chocks Storage	
	1001238159	Ref	Kit, Winch Drag Brake (50K DP Brand Winches)	

FIGURE 9-2. AIR EMERGENCY AND SERVICE GLAD HANDS

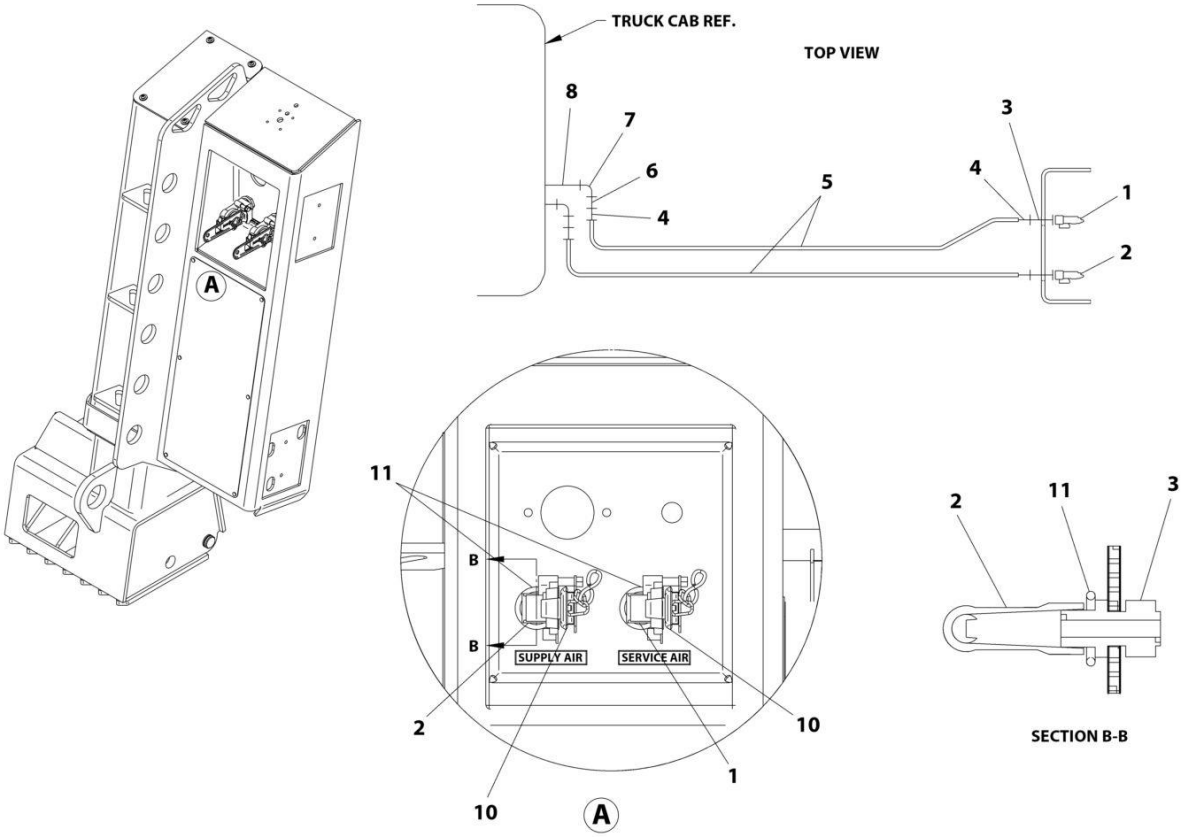


FIGURE 9-2. AIR EMERGENCY AND SERVICE GLAD HANDS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2503630028	Ref	Air, Emergency and Service Glad Hands	F
1	7312000015	1	Gladhand	
2	7312000016	1	Gladhand	
3	7446502518	2	Fitting	
4	7446060435	4	Fitting	
5	7565000014	50 ft	Airline Tubing	
6	7443000148	2	Bushing	
7	7443000146	2	Elbow	
8	7443000145	2	Bushing	
10	1001170036	2	Shield	
11	1001171933	2	Ring	
12	7445040449	1	Nipple (Not Shown)	

FIGURE 9-3. AUXILIARY AIR INSTALLATION

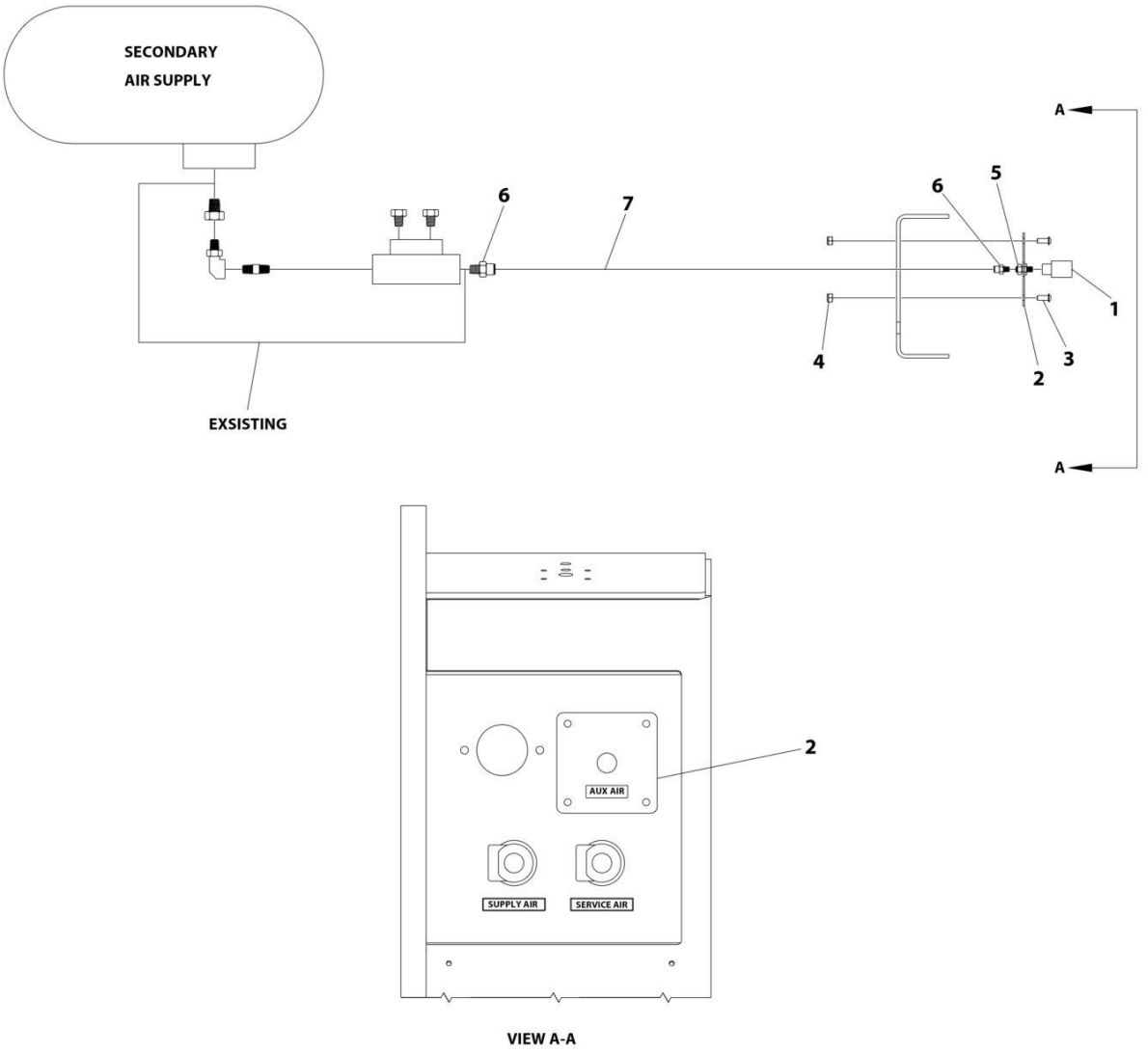


FIGURE 9-3. AUXILIARY AIR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143867	Ref	AUXILIARY AIR INSTALLATION	A
1	7312000017	1	Fitting, Disconnect	
2	4811001135	1	Panel	
3	7114140518	4	Bolt 1/4 x 5/8	
4	7660142604	4	Nut 1/4	
5	7446502518	1	Fitting, Bulkhead NPT(M)-NPT(F)	
6	7443000175	2	Fitting, Straight NPTM	
7	7565000014	25 ft	Tubing	

FIGURE 9-4. CHAIN KIT - HEAVY DUTY LEVEL 1

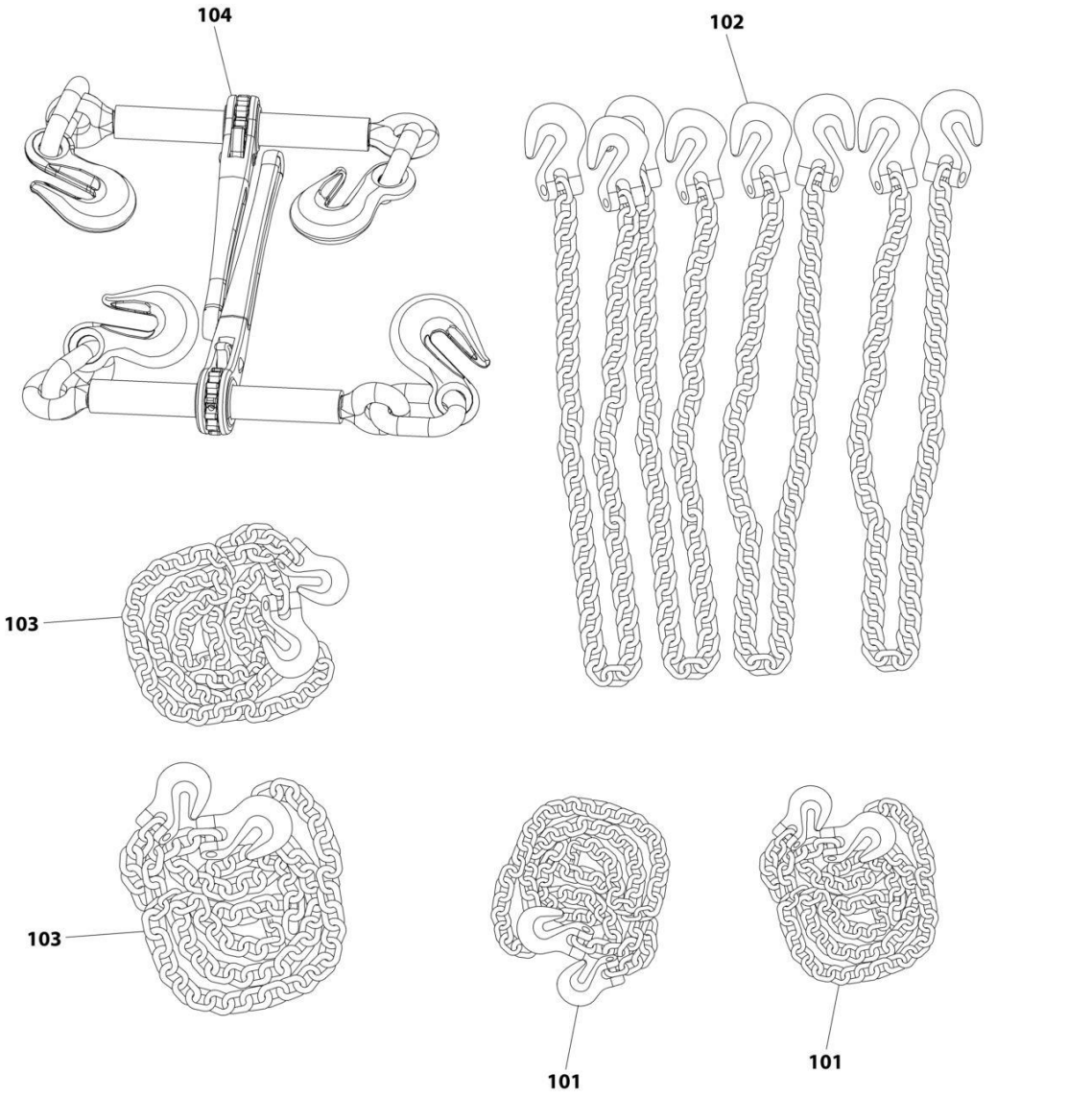


FIGURE 9-4. CHAIN KIT - HEAVY DUTY LEVEL 1

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233644	Ref	CHAIN KIT, LEVEL 1 (HEAVY DUTY)	A
1	1001233072	1	Chain Kit (Not Shown)	
101	Kit	2	3/8IN Chain, G70 x 10FT (clevis each end)	
102	Kit	4	3/8IN Chain, G100 x 10FT 8800#WLL (clevis each end)	
103	Kit	2	0.5IN Chain, G100 x 10FT 15000#WLL (clevis each end)	
104	Kit	2	3/8-0.5 Chain Binder 9200#WLL, 8IN	

FIGURE 9-5. CHAIN KIT - HEAVY DUTY LEVEL 2

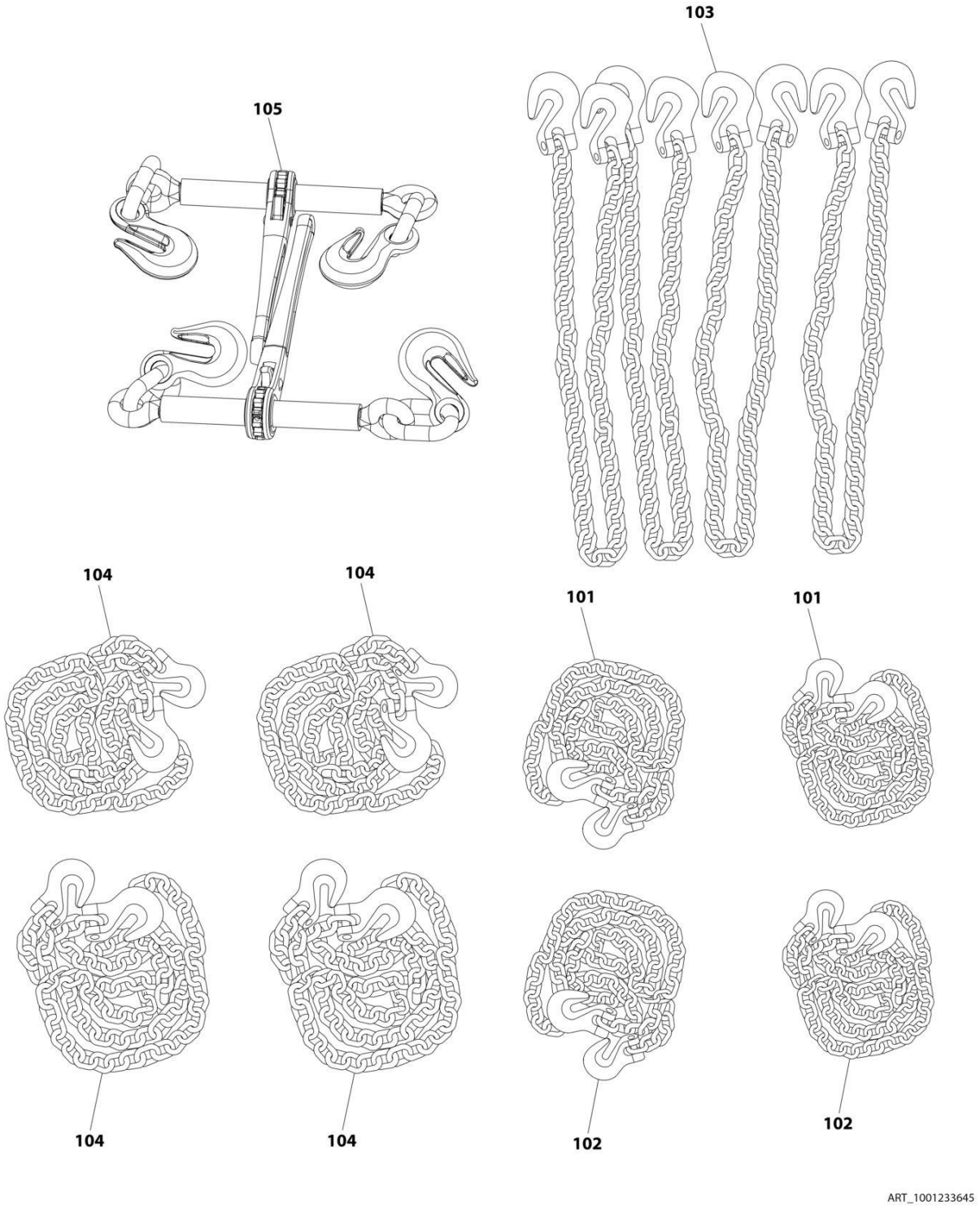


FIGURE 9-5. CHAIN KIT - HEAVY DUTY LEVEL 2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233645	Ref	CHAIN KIT, LEVEL 2 (HEAVY DUTY)	A
1	1001208360	1	Chain Kit (Not Shown)	
101	Kit	2	3/8IN Chain, 10FT (non cradle grab), GR. 70	
102	Kit	2	3/8IN Chain, 20FT (non cradle grab), GR. 70	
103	Kit	4	3/8IN Chain, 10FT (non cradle grab), GR. 100	
104	Kit	4	1/2IN Chain, 10FT (non cradle grab), GR. 100	
105	Kit	2	Ratcheting Chain Binders	

FIGURE 9-6. FIFTH WHEEL TOW ATTACHMENT

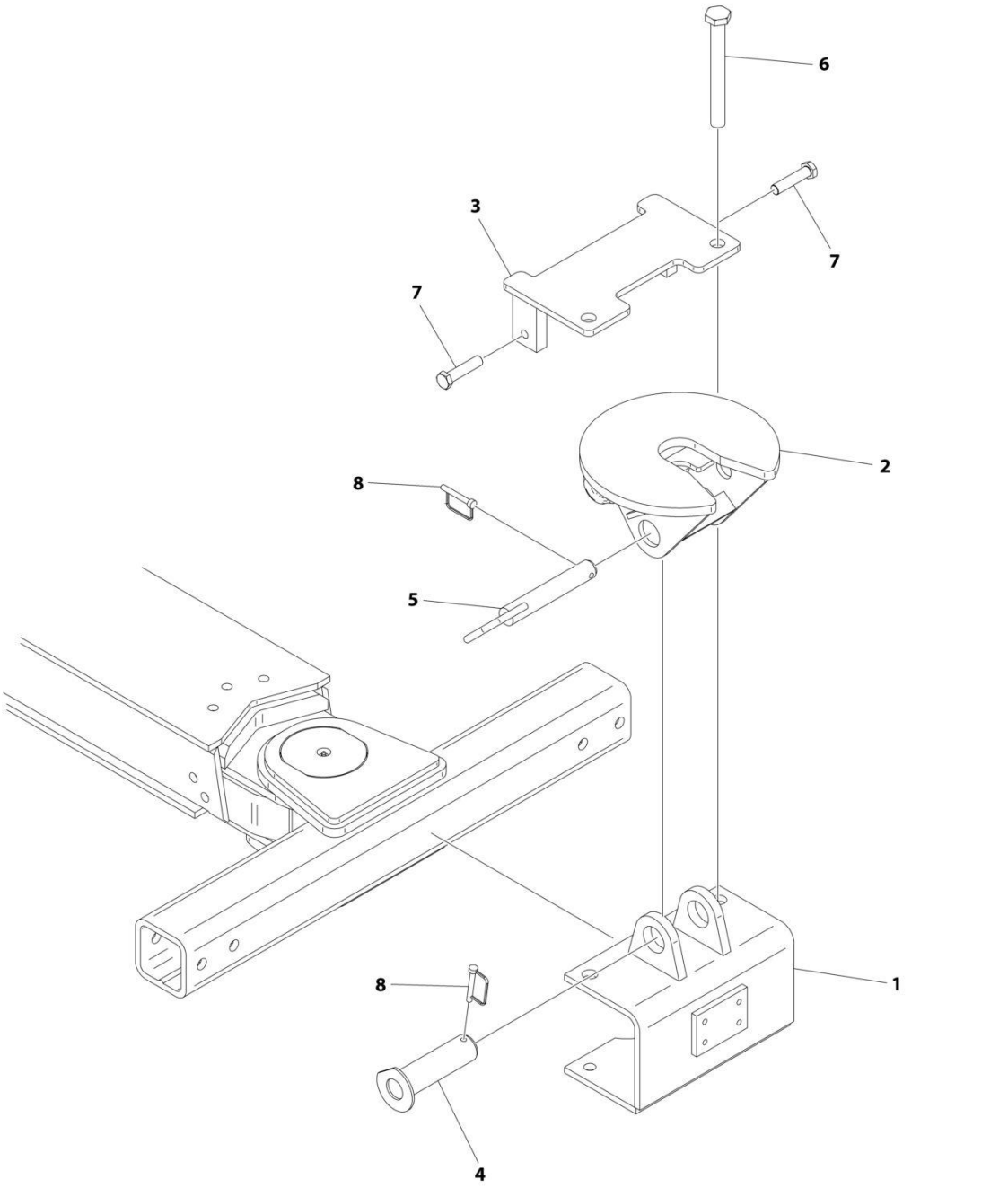
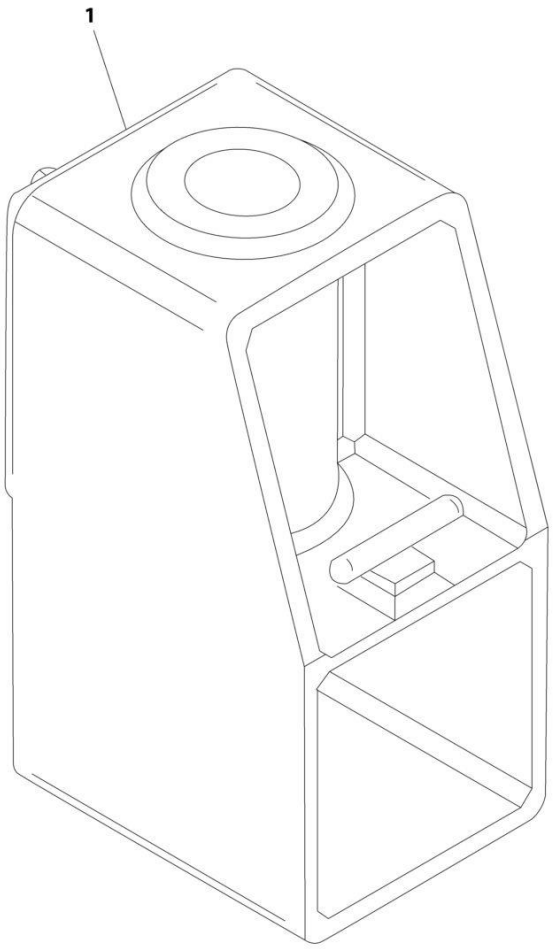


FIGURE 9-6. FIFTH WHEEL TOW ATTACHMENT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2503880033	Ref	Underlift Tools - 5th Wheel Installation	C
1	3178000240	1	Bracket	
2	3178000499	1	Bracket	
3	3706000080	1	Plate	
4	3691000144	1	Pin	
5	3691000145	1	Pin	
6	7118267250	2	Capscrew 1 x 9	
7	7120000036	2	Capscrew 3/4 x 3-1/4	
8	7691000025	2	Pin	

FIGURE 9-7. FORK RISER ADAPTERS

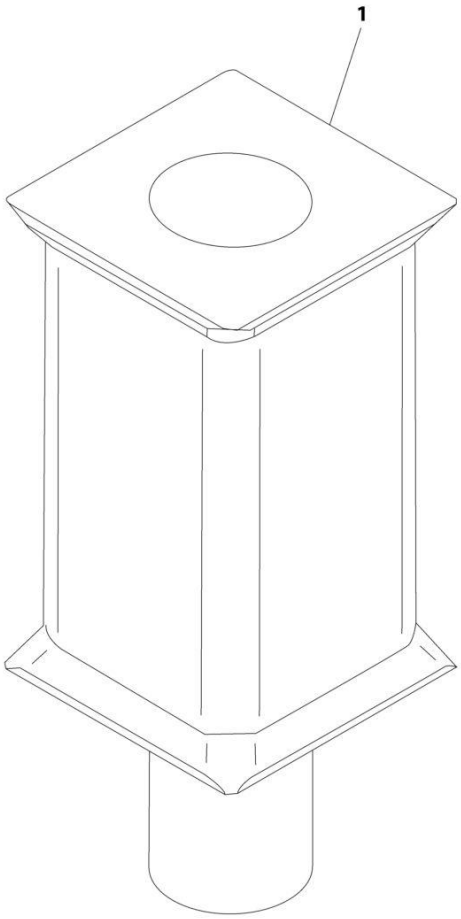


ART_1001231626

FIGURE 9-7. FORK RISER ADAPTERS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231626	Ref	FORK RISER ADAPTER - 7IN	A
1	1001170172	2	Accessory Fork Riser	

FIGURE 9-8. FORK RISERS - 7IN



ART_1001231627

FIGURE 9-8. FORK RISERS - 7IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231627	Ref	FORK RISER - 7IN	A
1	7002000502	2	Fork Riser Attachment	

FIGURE 9-9. FRAME FORK INSTALLATION (SPRING FORKS)

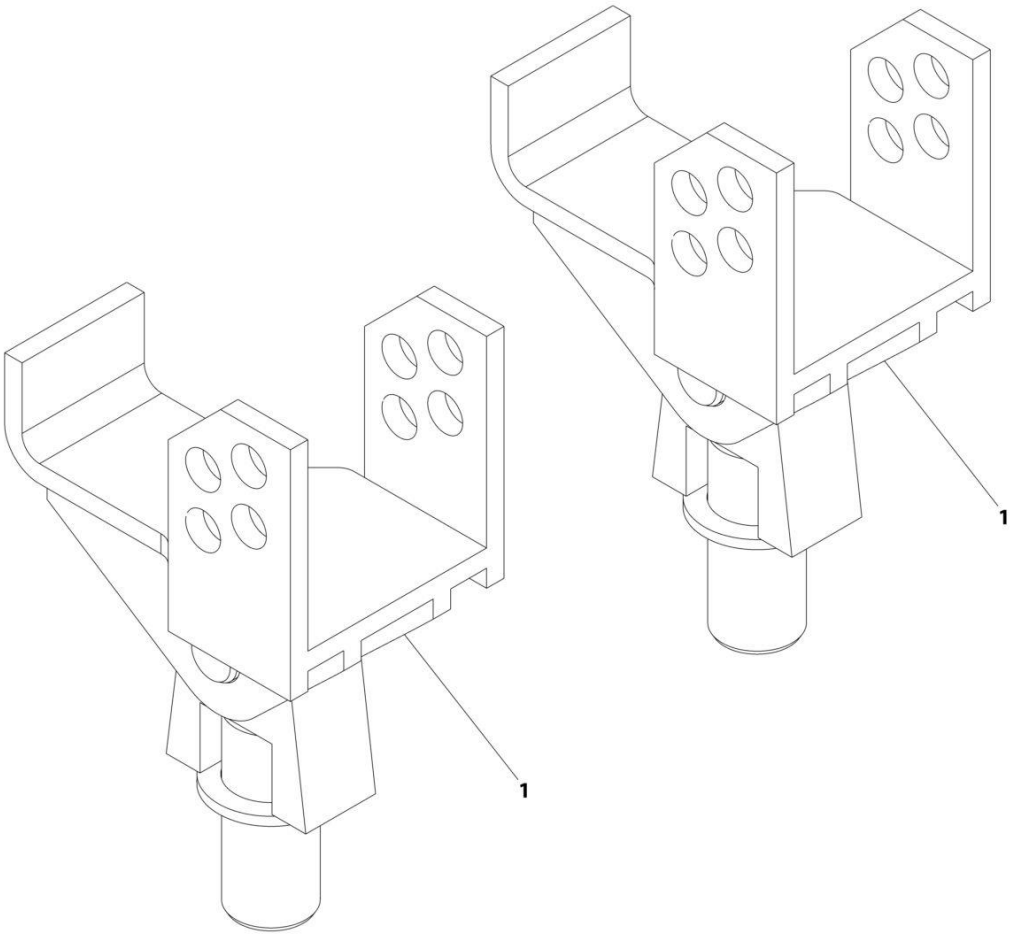


FIGURE 9-9. FRAME FORK INSTALLATION (SPRING FORKS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289478	Ref	FRAME FORK INSTALLATION (SPRING FORKS)	A
1	3178000226	2	Spring Lift Bracket	

FIGURE 9-10. LOOP SLING KIT LEVEL 1

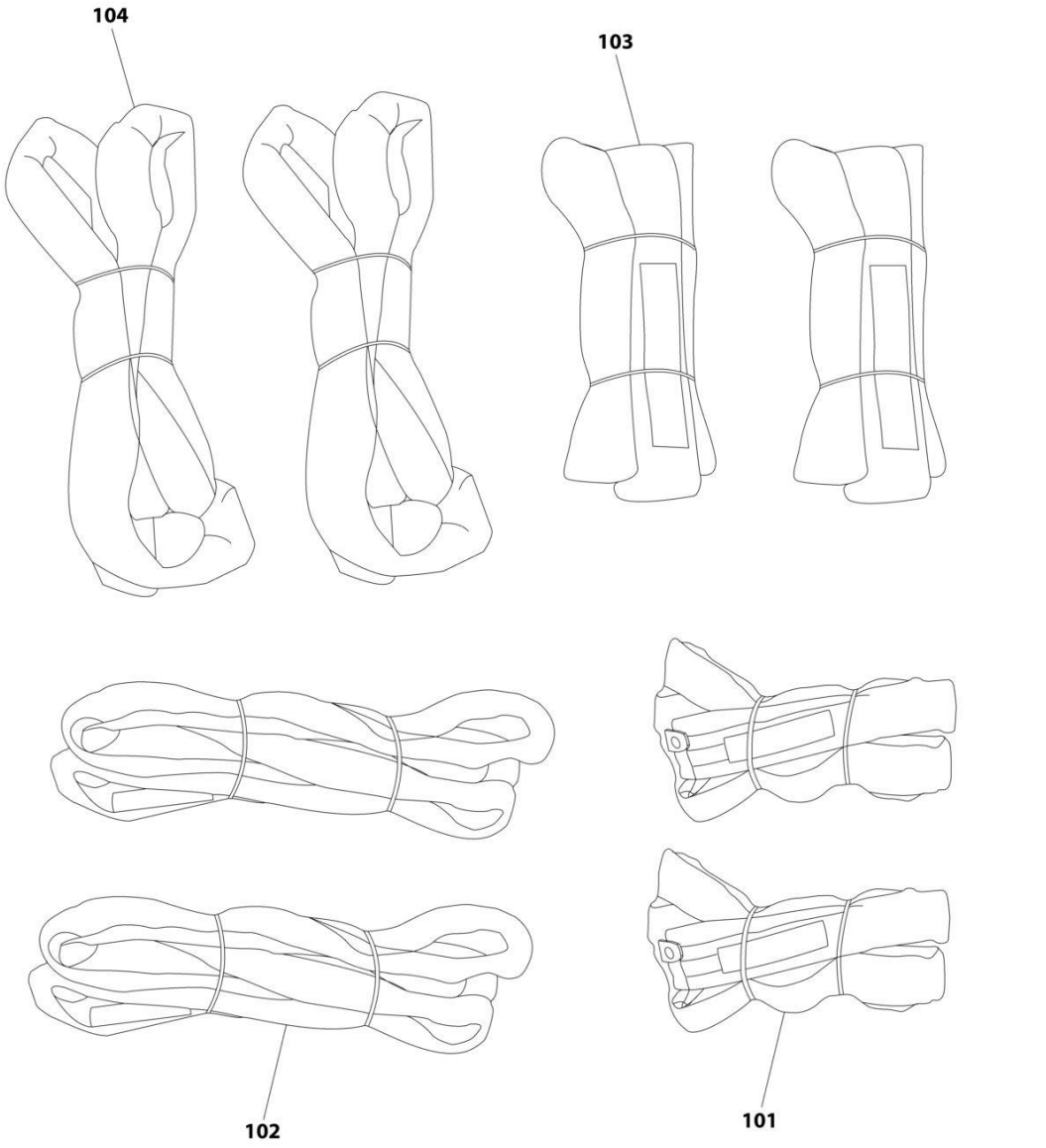


FIGURE 9-10. LOOP SLING KIT LEVEL 1

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233642	Ref	LOOP SLING KIT, LEVEL 1	A
1	1001233070	1	Loop Sling Kit (Not Shown)	
101	Kit	2	4FT Yellow Round Sling, V-8400#	
102	Kit	2	6FT Yellow Round Sling, V-8400#	
103	Kit	2	8FT Red Round Sling, V-13200#	
104	Kit	2	12FT Red Round Sling, V-13200#	

FIGURE 9-11. LOOP SLING KIT LEVEL 2

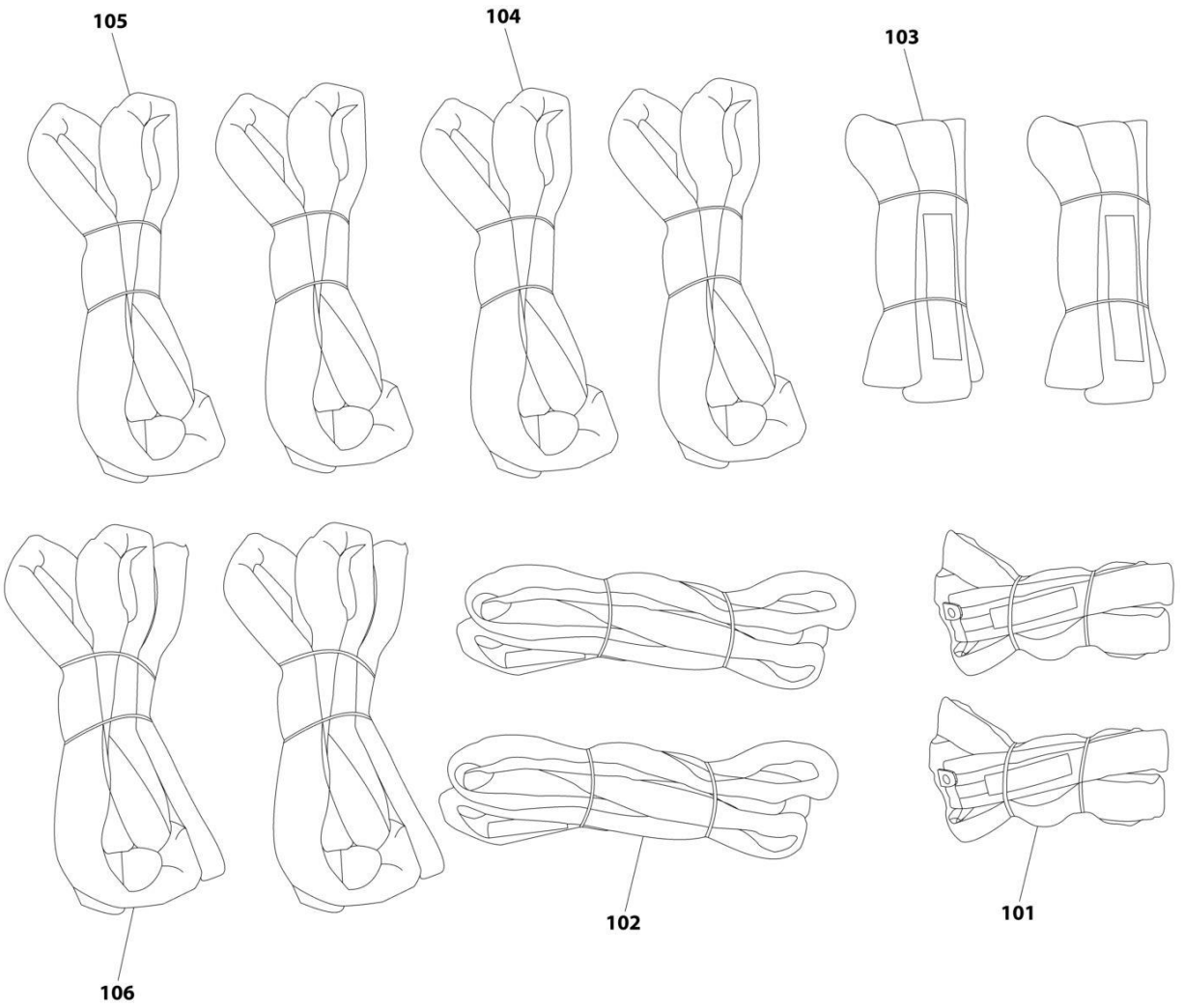


FIGURE 9-11. LOOP SLING KIT LEVEL 2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233643	Ref	LOOP SLING KIT, LEVEL 2	A
1	1001208359	1	Loop Sling Kit (Not Shown)	
101	Kit	2	4FT Yellow Endless Loop	
102	Kit	2	6FT Yellow Endless Loop	
103	Kit	2	8FT Red Endless Loop	
104	Kit	2	12FT Red Endless Loop	
105	Kit	2	12FT Blue Endless Loop	
106	Kit	2	16FT Blue Endless Loop	

FIGURE 9-12. PINTLE HOOK WITH 2IN BALL

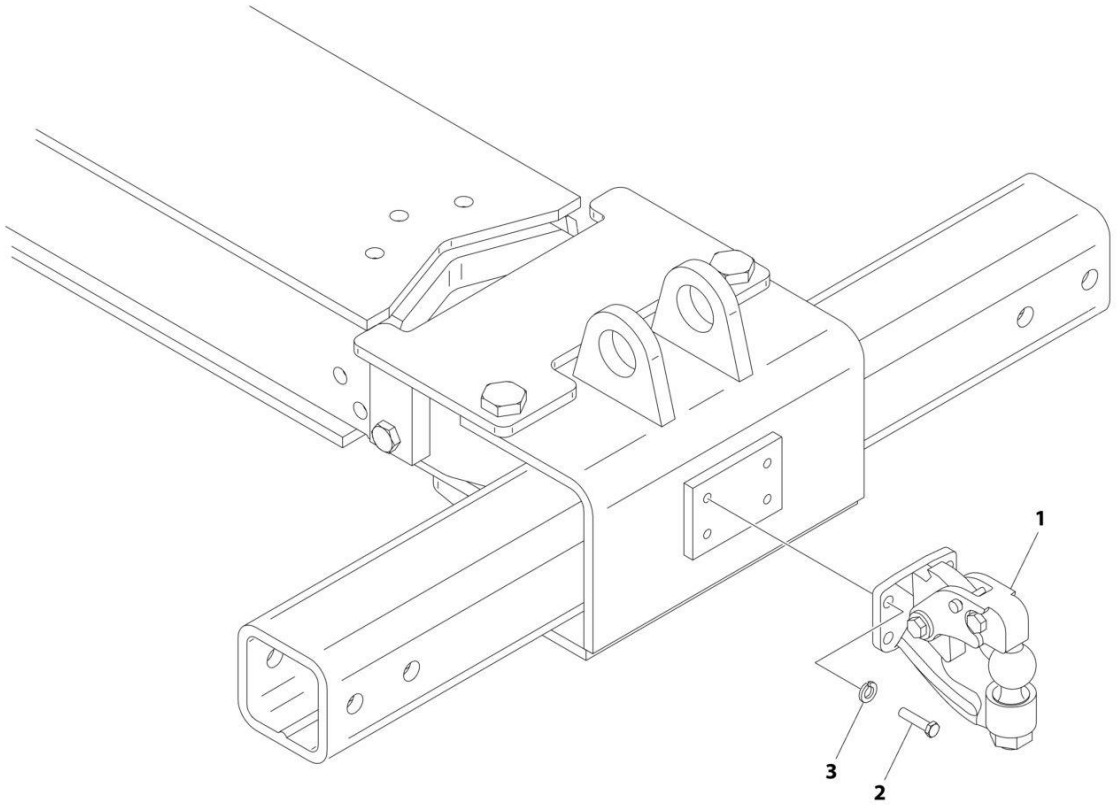
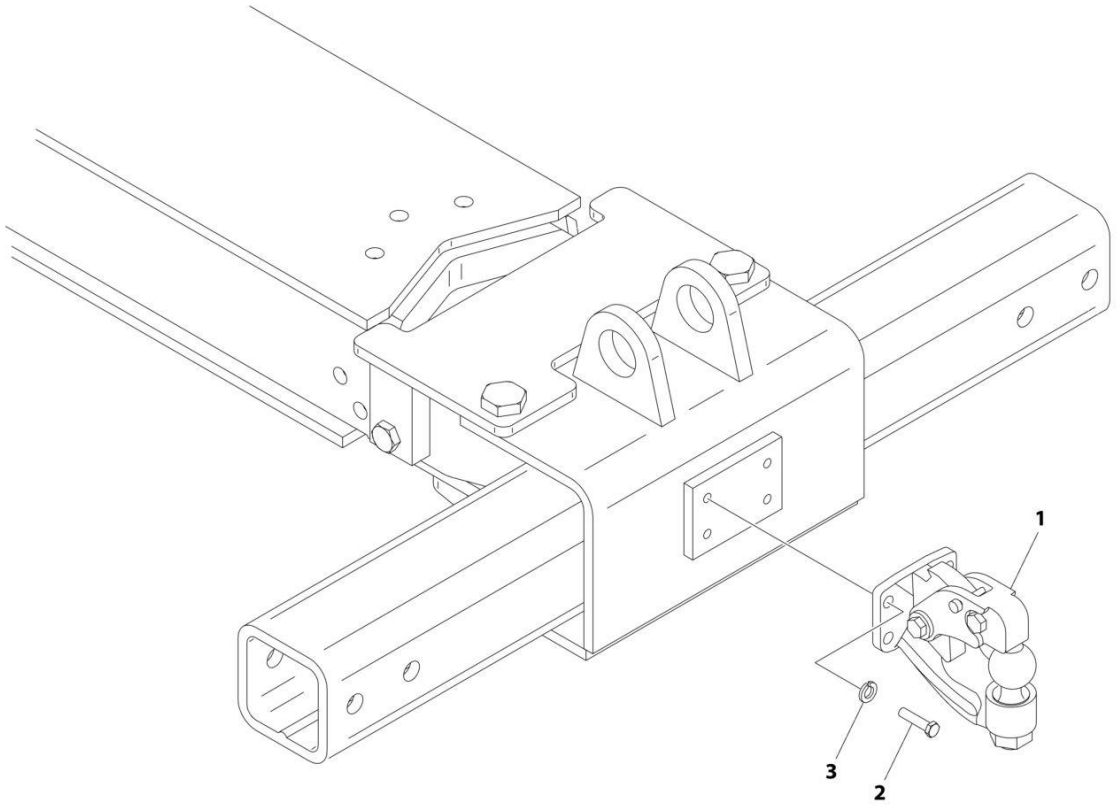


FIGURE 9-12. PINTLE HOOK WITH 2IN BALL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2503880043	Ref	UNDERLIFT TOW PINTLE HOOK WITH 2IN DIA BALL	A
1	7561000020	1	Hitch, Pintle Hook with 2IN Dia. Ball	
2	7118181250	4	Capscrew 1/2 x 1-1/2	
3	7950180000	4	Lockwasher 1/2	

FIGURE 9-13. PINTLE HOOK WITH 50MM BALL



ART_2503880044

FIGURE 9-13. PINTLE HOOK WITH 50MM BALL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2503880044	Ref	Underlift Tools - Pintle Hook With 50mm Dia Ball	A
1	7561000022	1	Hitch, Pintle Hook with 50mm Dia. Ball	
2	7118181250	4	Capscrew 1/2 x 1-1/2	
3	7950180000	4	Lockwasher 1/2	

FIGURE 9-14. RISC ACCESSORY PACKAGE

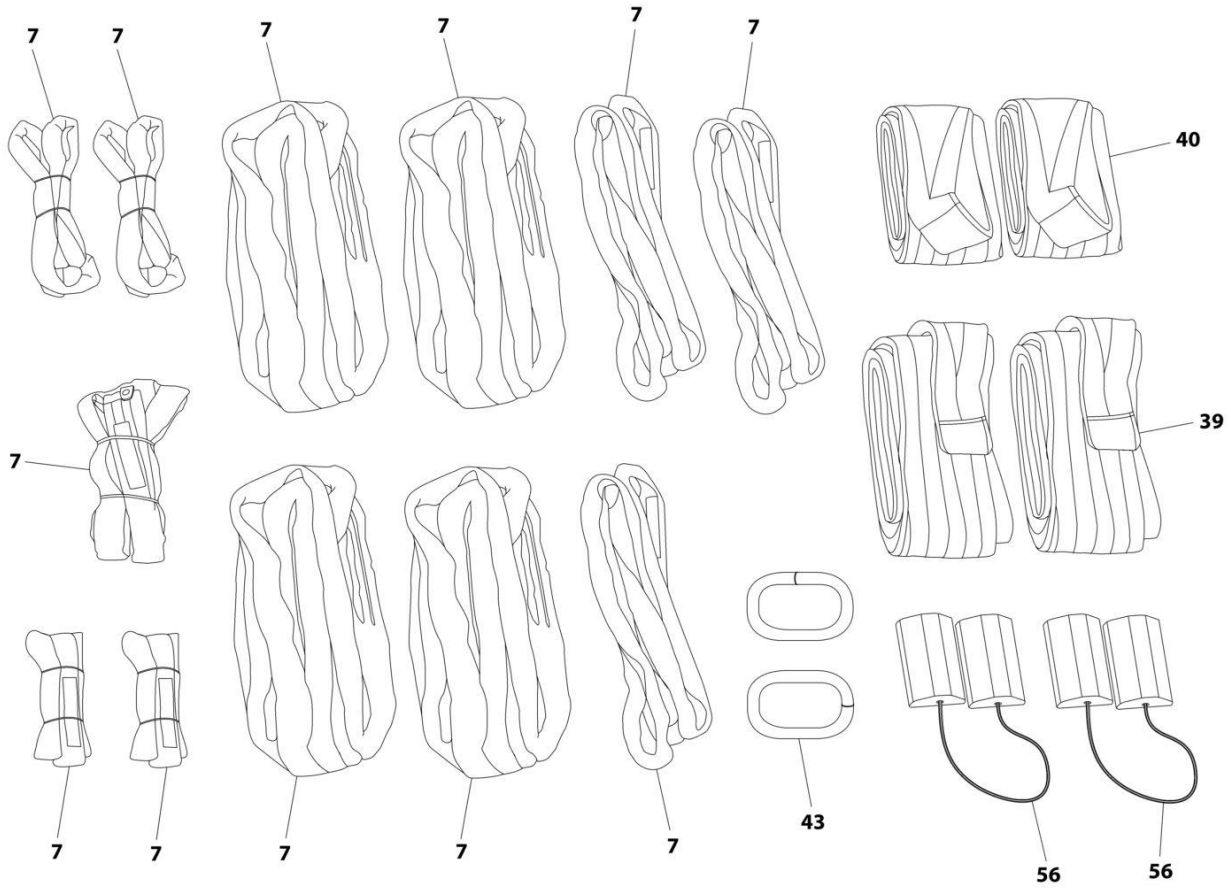


FIGURE 9-15. RISC ACCESSORY PACKAGE

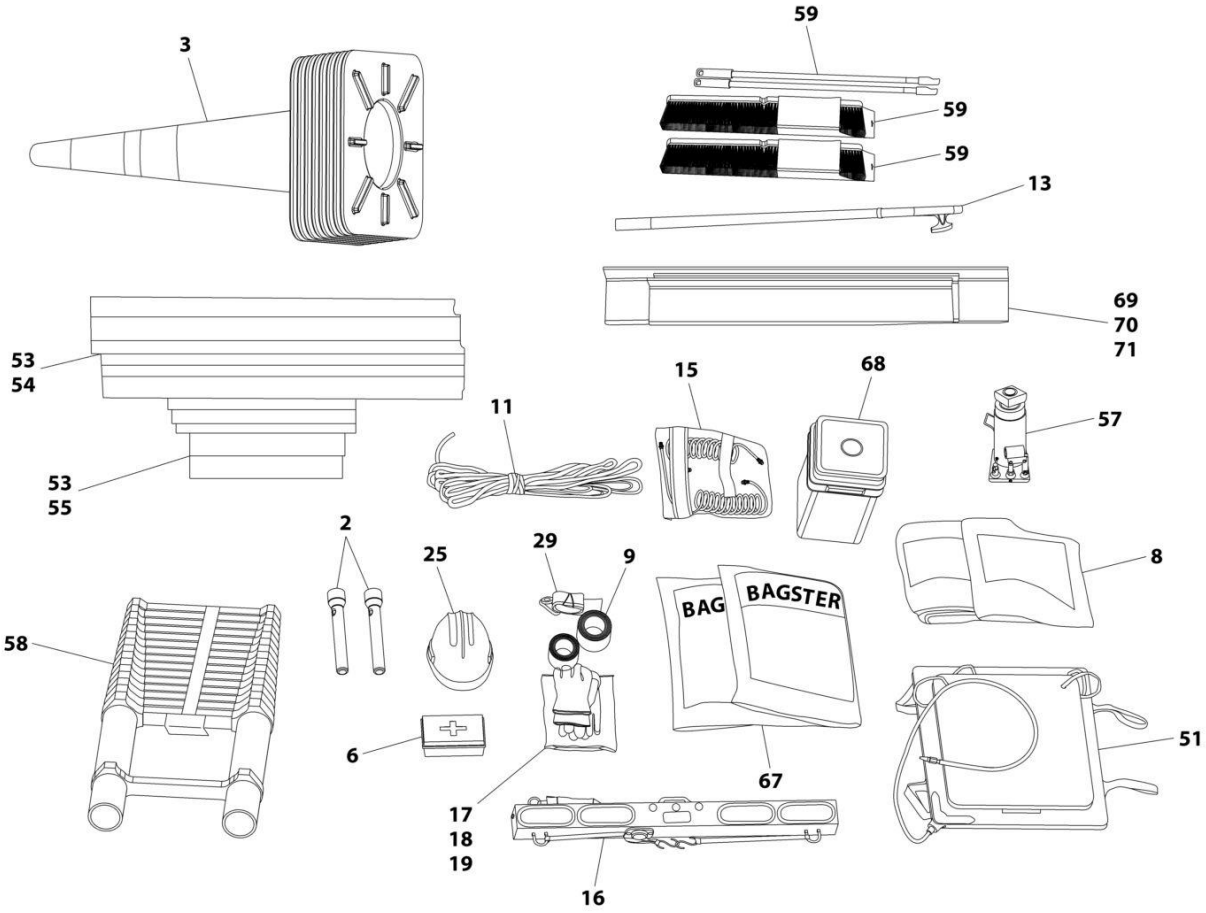


FIGURE 9-16. RISC ACCESSORY PACKAGE

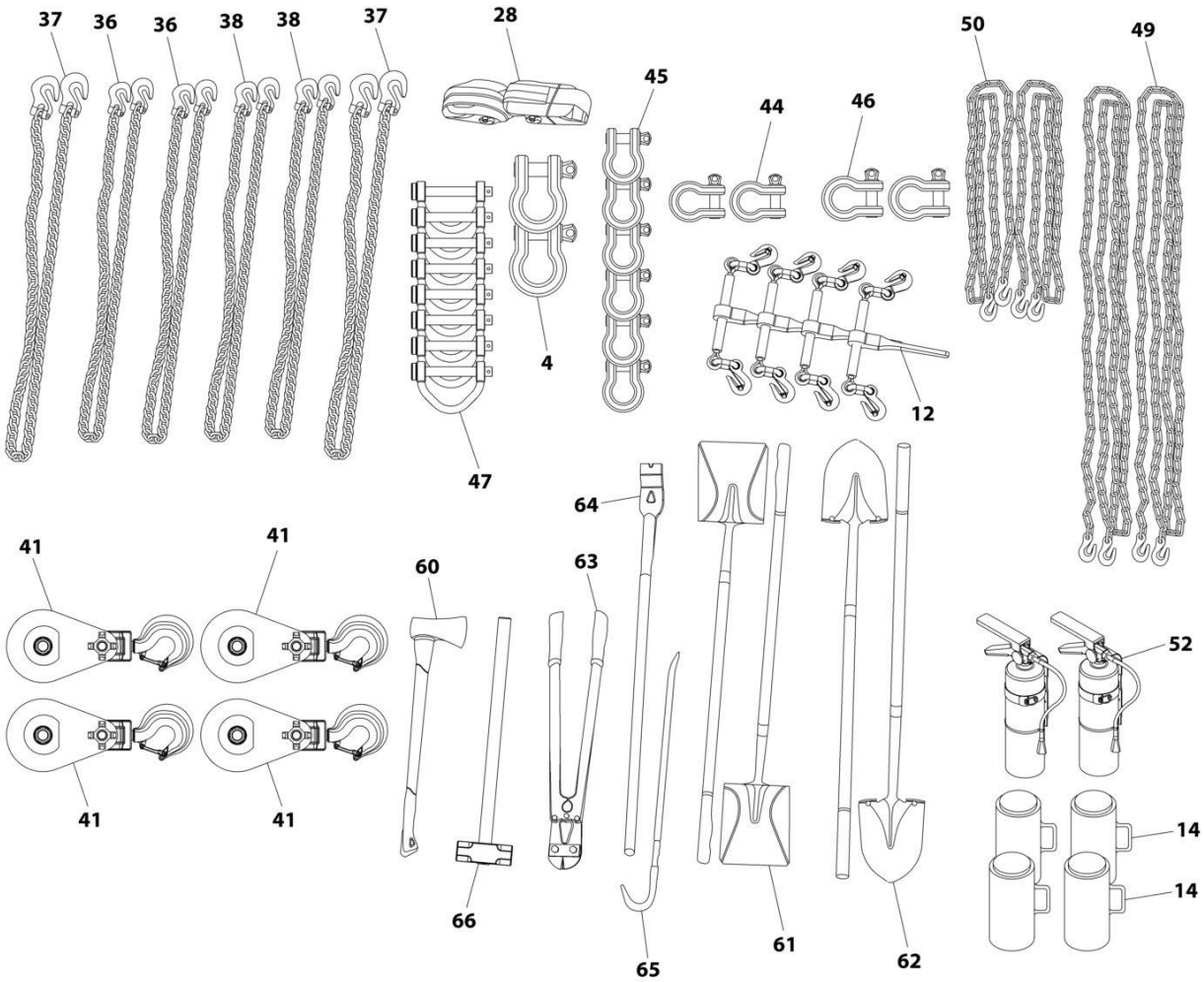


FIGURE 9-17. RISC ACCESSORY PACKAGE

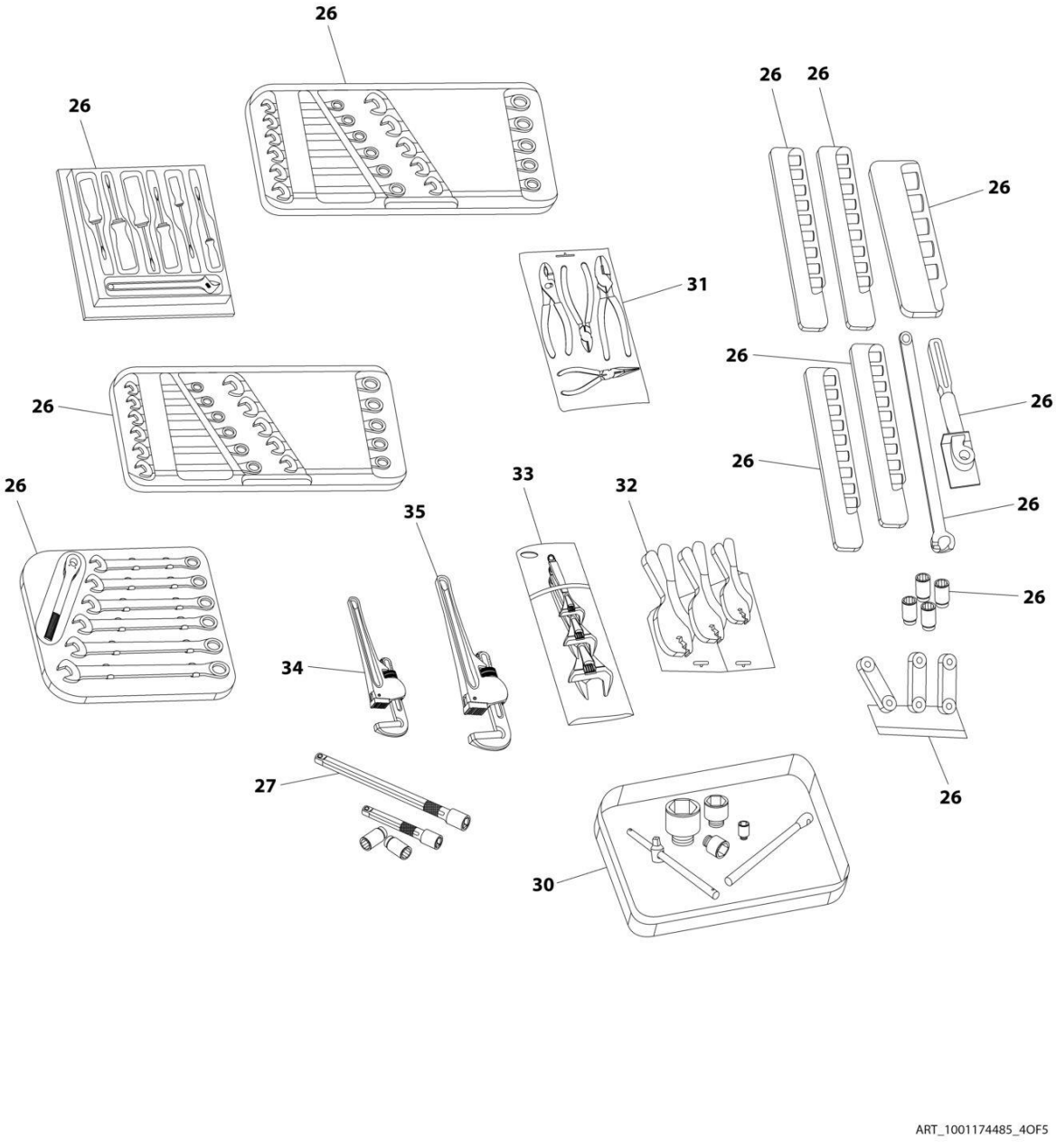
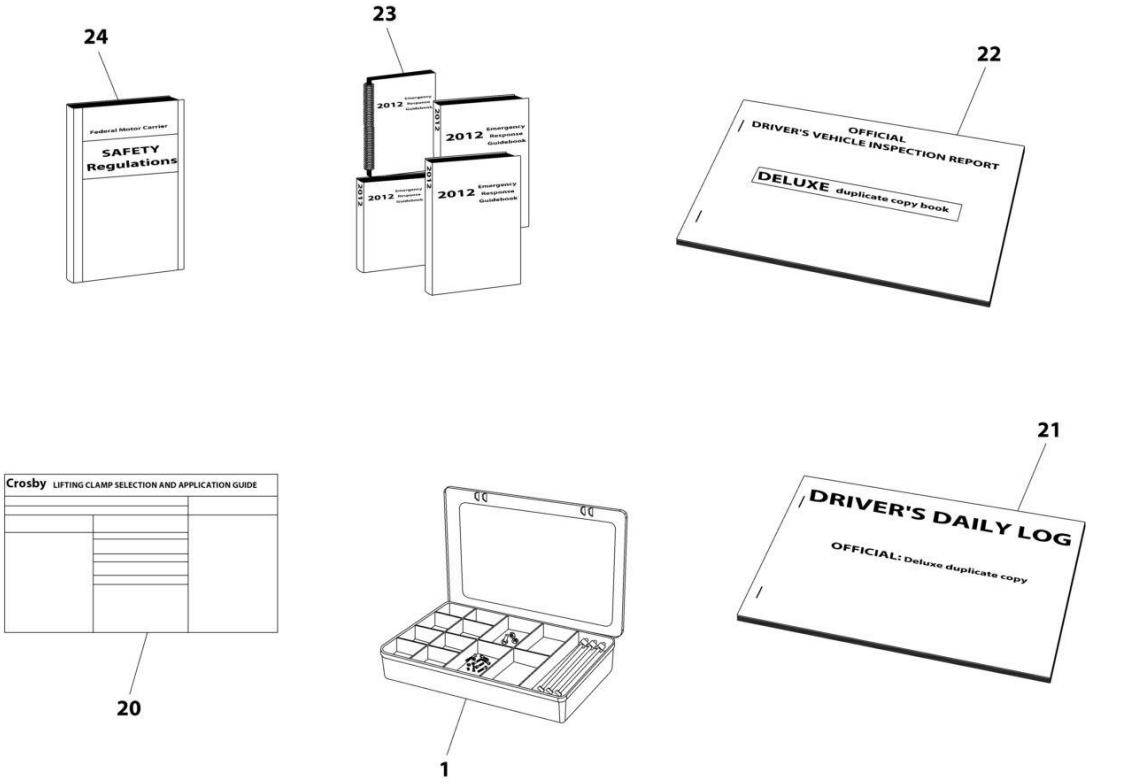


FIGURE 9-18. RISC ACCESSORY PACKAGE



ART_1001174485_5OF5

FIGURE 9-18. RISC ACCESSORY PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174485	Ref	Risc Accessory Package	D
1	70050850	1	Brake Release Kit	
2	70050851	2	Flashlight	
3	70050852	12	Traffic Cone	
4	70050853	2	Crosby Shackle	
5	70050854	2	Spill Absorbent Kit (Not Shown)	
6	70050855	1	First Aid Kit	
7	70050856	1	Endless Round Sling Kit	
8	70050857	2	Tarp	
9	70050858	2	Duct Tape	
10	70050859	2	Sewer Cover Mat (Not Shown)	
11	70050860	1	Rope	
12	70050861	4	Load Binder	
13	70050862	1	Retrieval Tool	
14	70050863	48	Flare	
15	70050864	1	Brake Air Hose Kit	
16	70050865	1	Wireless Tow Light	
17	70050866	2	Reflective Vest	
18	70050867	1	Chemical Gloves	
19	70050868	2	Safety Gloves	
20	70050869	1	Crosby Users Lifting Guide	
21	70050870	1	Log Book	
22	70050871	1	Inspection Book	
23	70050872	1	Emergency Response Book	
24	70050873	1	FMC Safety Regulation Book	
25	70050874	1	New Hire Kit	
26	70050875	1	Tool Set	
27	70050876	6	Drive Shaft Sockets	
28	70050877	2	Under Reach Strap	
29	70050878	1	Steering Wheel Lock	
30	70050879	1	Impact Socket	
31	70050880	1	Pliers Kit	
32	70050881	1	Vise Kit	
33	70050882	1	Adjustable Wrench Kit	
34	70050883	1	Pipe Wrench	
35	70050884	1	Pipe Wrench	
36	70050885	2	Chain	
37	70050886	2	Chain	
38	70050887	2	Chain	
39	70050888	2	Recovery Strap	
40	70050889	2	Recovery Strap	
41	70050890	4	Snatch Block	
42	70050891	1	Shackle Kit (Not Shown)	
43	70050892	2	Master Link	
44	70050893	2	Shackle, 17,000 LB	
45	70050894	6	Shackle, 24,000 LB	
46	70050895	2	Shackle, 34,000 LB	
47	70050896	8	Web Shackle	
48	70050897	1	Transport Chain	
49	70050898	2	Chain	

SECTION 9 - ACCESSORIES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	70050899	2	Chain	
51	70050900	1	Air Cushion	
52	70050901	2	Fire Extinguisher	
53	70050902	1	Cribbing Kit	
54	70050903	4	Cribbing	
55	70050904	8	Cribbing	
56	70050905	4	Wheel Chocks	
57	70050906	1	Hydraulic Jack	
58	70050907	1	Ladder	
59	70050908	2	Push Broom	
60	70050909	1	Axe	
61	70050910	2	Shovel, Flat Blade	
62	70050911	2	Shovel, Round Blade	
63	70050912	1	Bolt Cutter	
64	70050913	1	Grizzley Bar	
65	70050914	1	Crow Bar	
66	70050915	1	Sledge Hammer	
67	70050916	2	Trash Can	
68	70050917	1	Spill Kit	
69	70050918	1	Angle Kit	
70	70050919	2	Angle	
71	70050920	1	Angle	

FIGURE 9-19. RUGGED KIT

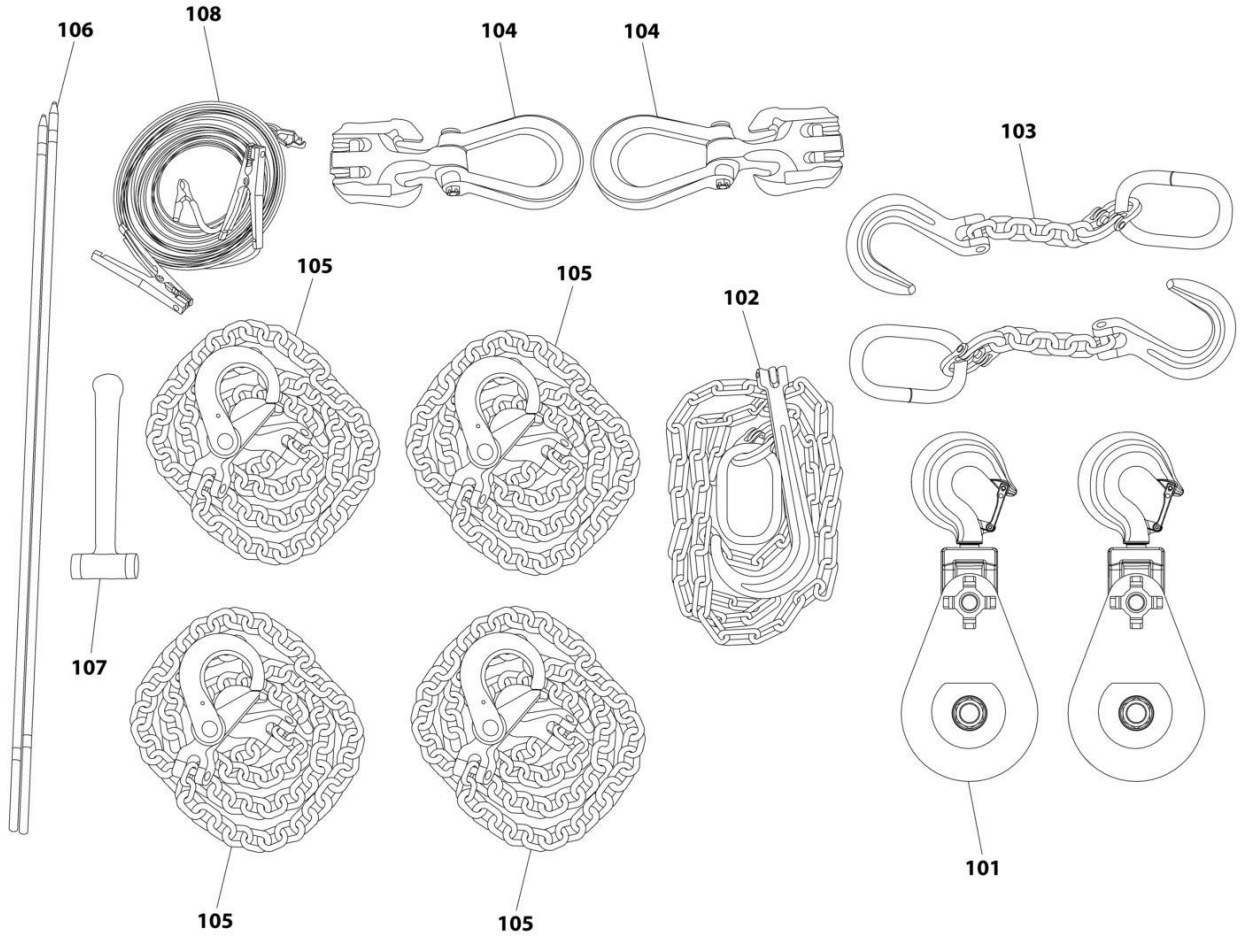


FIGURE 9-19. RUGGED KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233649	Ref	RUGGED KIT, JFB	A
1	1001174490	1	Rugged Package (Not Shown)	
101	Kit	2	7/8 x 8IN Diameter Snatch Block, 30,000#	
102	Kit	1	3/8 x 10FT Recover Chain	
103	Kit	2	1/2IN x 2FT Recovery Chain, 15,000#	
104	Kit	2	1/2IN Double Leg Recovery Sling Eliminator, 30,000#	
105	Kit	4	1/2IN x 10FT Recovery Chain w/Self-Locking Clevis	
106	Kit	2	1/2IN x 48IN Copper Ground Stake	
107	Kit	1	Non-Sparking Brass Mallet	
108	Kit	3	30FT Ground Wire	

FIGURE 9-20. SHACKLE KIT LEVEL 1

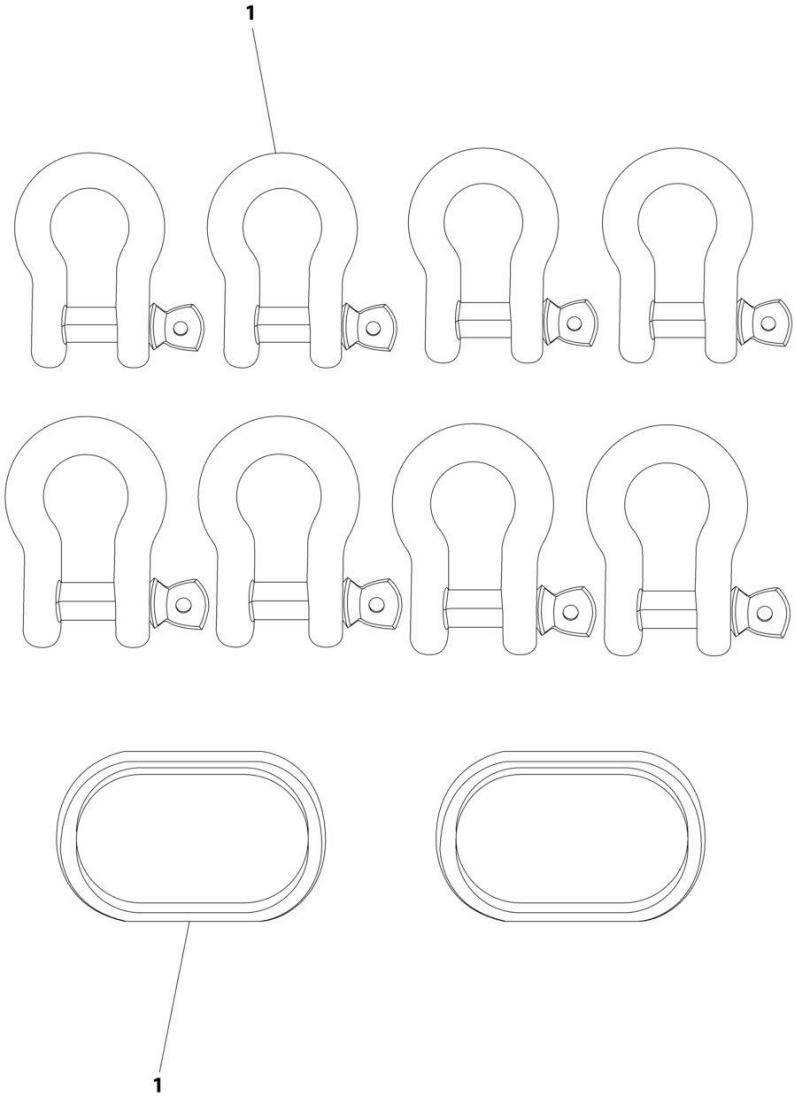


FIGURE 9-20. SHACKLE KIT LEVEL 1

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233646	Ref	SHACKLE KIT, LEVEL 1	A
1	1001233071	1	Shackle Kit	
1	Kit	4	Galvanized 8.5T Shackle, 1IN Pin	
1	Kit	2	Galvanized 12T Shackle, 1.25IN Pin	
1	Kit	2	Master Link Type M GRD 100 17200#WWL, 7/8IN	

FIGURE 9-21. SHACKLE KIT LEVEL 2

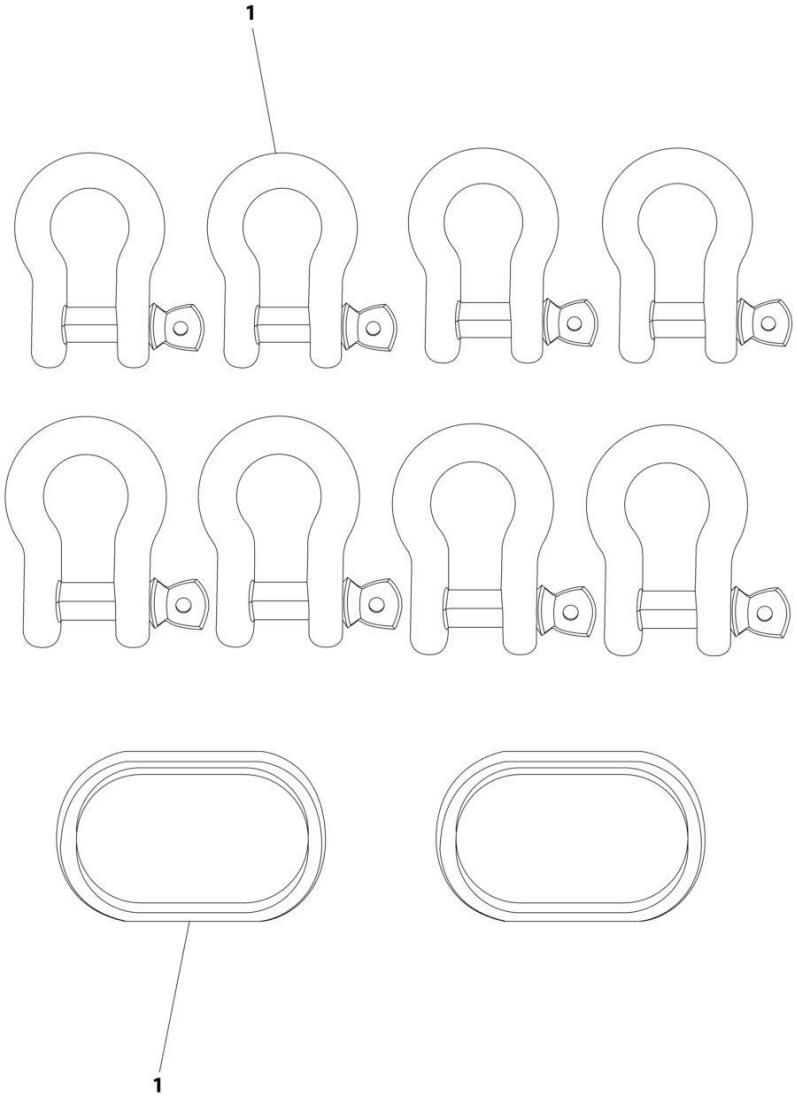
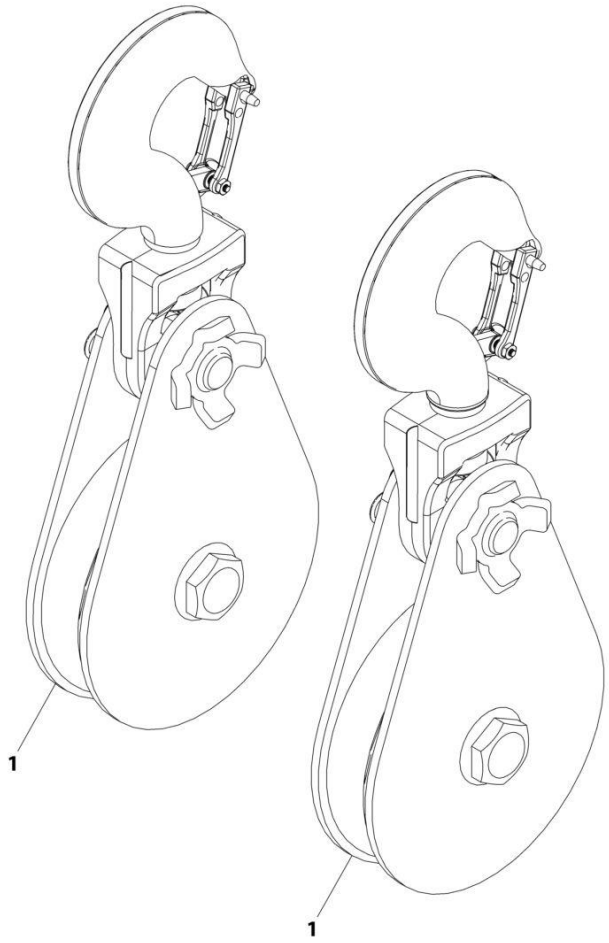


FIGURE 9-21. SHACKLE KIT LEVEL 2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233647	Ref	SHACKLE KIT, LEVEL 2	A
1	1001208361	1	Shackle Kit	
1	Kit	2	Master Link, 1.25IN Pin	
1	Kit	2	Screw Pin Shackle, 1IN Pin	
1	Kit	6	Screw Pin Shackle, 1.25IN Pin	
1	Kit	2	Screw Pin Shackle, 1.5IN	

FIGURE 9-22. SNATCH BLOCK KIT (Prior to SN 0230011907)



ART_1001241575

FIGURE 9-22. SNATCH BLOCK KIT (Prior to SN 0230011907)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241575	Ref	Snatch Block Kit	A
1	1001241570	2	Snatch Block	

FIGURE 9-23. SNATCH BLOCK KIT (SN 0230011907 to Present)

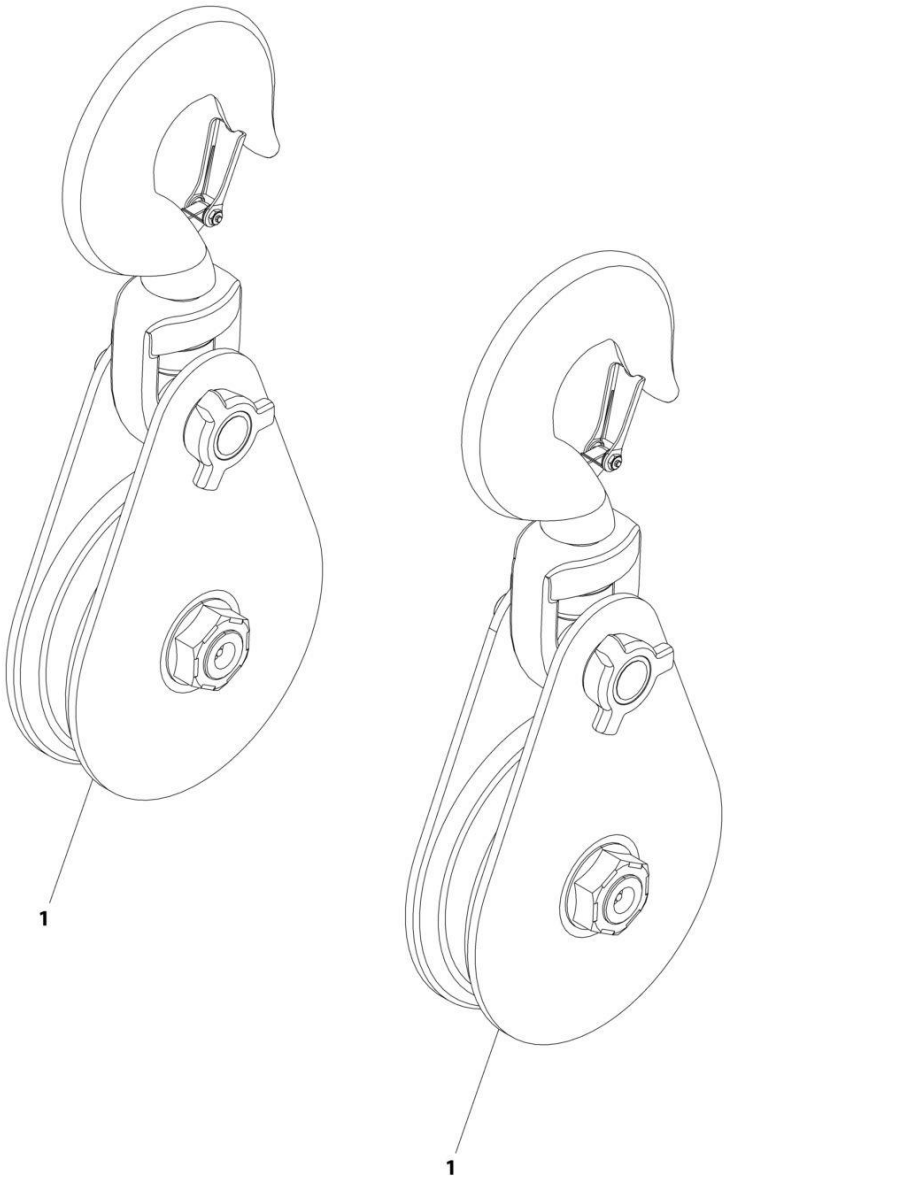
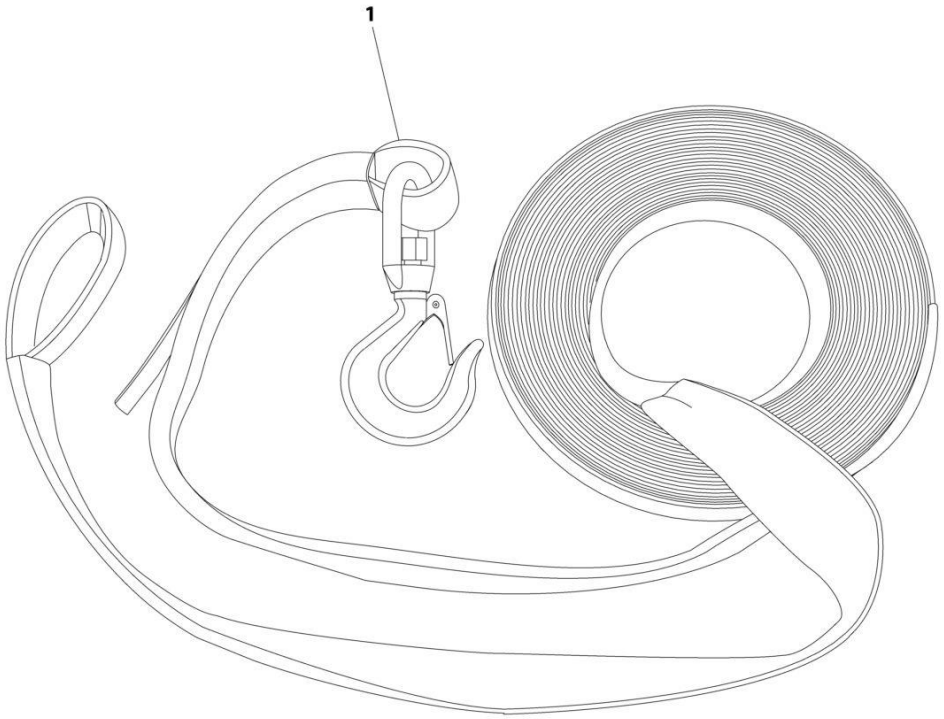


FIGURE 9-23. SNATCH BLOCK KIT (SN 0230011907 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241575	Ref	SNATCH BLOCK KIT	B
1	1001303489	2	Snatch Block	

FIGURE 9-24. STRAP EXTENTION ASSEMBLY

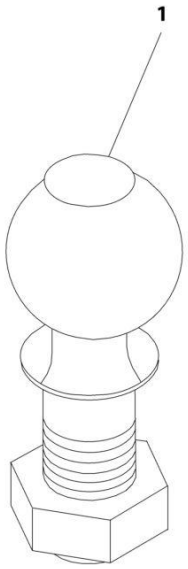


ART_1001258250

FIGURE 9-24. STRAP EXTENTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258250	Ref	STRAP EXTENSION, 50FT NYLON	A
1	7894000071	1	Strap 50FT Extension W/Swivel	

FIGURE 9-25. TOW BALL - 1,88IN DIA

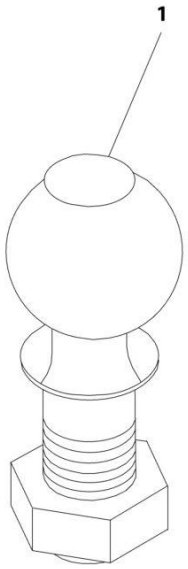


ART_1001231628

FIGURE 9-25. TOW BALL - 1,88IN DIA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231628	Ref	TOW BALL - 1.88IN DIA	A
1	7056000003	1	Ball, 1.88IN Dia	

FIGURE 9-26. TOW BALL - 2IN DIA

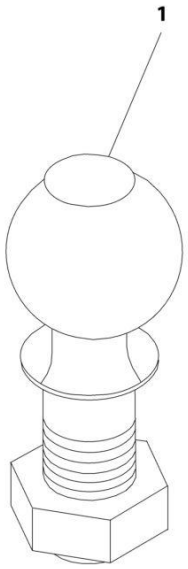


ART_1001231629

FIGURE 9-26. TOW BALL - 2IN DIA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231629	Ref	TOW BALL - 2IN DIA	A
1	7056000004	1	Ball, 2.00IN Dia	

FIGURE 9-27. TOW BALL - 2.31IN DIA

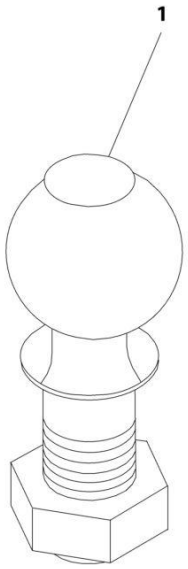


ART_1001231630

FIGURE 9-27. TOW BALL - 2.31IN DIA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231630	Ref	TOW BALL - 2.31IN DIA	A
1	7056000005	1	Ball, 2.31IN Dia	

FIGURE 9-28. TOW BALL - 50MM DIA



ART_1001231631

FIGURE 9-28. TOW BALL - 50MM DIA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231631	Ref	Tow Acc, 50mm Dia Pintle Hook Ball	A
1	7056000006	1	Ball, 50mm Dia	

SECTION 10 - BUILD DOCUMENTS

SECTION 10 - BUILD DOCUMENTS

FIGURE 10-1. BUILD DOC_5376000314

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	Note	Ref	**Note: This list is for build tracking purposes only. Parts in this list are not available at this inventory stocking level. Parts in this list may not be applicable to all models. For more specific parts information contact Jerr-Dan Parts Department**	
	1001227092	Ref	Body Hole Fill Kit	
	1001274638	Ref	Doors Installation - 38IN ("B" Slot)(Painted Door Only)	
	1001274633	Ref	Doors Installation - 38IN ("B" Slot)(Painted Door Only) (See Separate Breakdown in BODY Section)	
	1001274639	Ref	Doors Installation - 38IN ("B" Slot)(Painted Door & Frame)	
	1001274634	Ref	Doors Installation - 38IN ("B" Slot)(Painted Door & Frame) (See Separate Breakdown in BODY Section)	
	1001274636	Ref	Doors Installation - 50IN ("B" Slot)(Painted Door Only)	
	1001274631	Ref	Doors Installation - 50IN ("B" Slot)(Painted Door Only) (See Separate Breakdown in BODY Section)	
	1001274637	Ref	Doors Installation - 50IN ("B" Slot)(Painted Door & Frame)	
	1001274632	Ref	Doors Installation - 50IN ("B" Slot)(Painted Door & Frame) (See Separate Breakdown in BODY Section)	
	1001134106	Ref	Fitting (Air Tank	
	1001270119	Ref	Paint - Main Winch Hooks & Handles & Drag Hooks	
		Ref	**PTO (Installation & replacement is based on individual characteristics of the unit - Contact Jerr-Dan Parts Dept.)**	
	TP_REF	Ref	Pump (Installation & replacement is based on individual characteristics of the unit - Contact Jerr-Dan Parts Dept.)	
	1001233648	Ref	RISC Package	
	1001174485	Ref	RISC PACKAGE (See Separate Breakdown in ACCESSORY Section)	
	1001283563	Ref	RUBRAIL TRIM INSTALLATION (38IN TUNNEL)	
	1001283561	Ref	RUBRAIL TRIM INSTALLATION (38IN TUNNEL) (See Separate Breakdown in BODY Section)	
	1001283562	Ref	RUBRAIL TRIM INSTALLATION (50IN TUNNEL)	
	1001283560	Ref	RUBRAIL TRIM INSTALLATION (50IN TUNNEL) (See Separate Breakdown in BODY Section)	
	1001289247	Ref	STORAGE OPTIONS PACKAGE - BRONZE TANDEM	
	1001289264	Ref	STORAGE OPTIONS PACKAGE - BRONZE TANDEM WITH CWT	
	1001307926	1	STORAGE OPTIONS PACKAGE - BRONZE TANDEM (50)	
	1001289224	Ref	STORAGE OPTIONS PACKAGE - BRONZE TRI-AXLE	
	1001289259	Ref	STORAGE OPTIONS PACKAGE - BRONZE TRI-AXLE WITH CWT	
	1001289218	Ref	STORAGE OPTIONS PACKAGE - GOLD TANDEM	
	1001289227	Ref	STORAGE OPTIONS PACKAGE - GOLD TANDEM WITH CWT	
	1001289257	Ref	STORAGE OPTIONS PACKAGE - GOLD TRIAXLE	
	1001289261	Ref	STORAGE OPTIONS PACKAGE - GOLD TRI-AXLE WITH CWT	
	1001289221	Ref	STORAGE OPTIONS PACKAGE - SILVER TANDEM	
	1001289246	Ref	STORAGE OPTIONS PACKAGE - SILVER TANDEM WITH CWT	
	1001307924	1	STORAGE OPTIONS PACKAGE - SILVER TANDEM (50)	
	1001289258	Ref	STORAGE OPTIONS PACKAGE - SILVER TRI-AXLE	
	1001289263	Ref	STORAGE OPTIONS PACKAGE - SILVER TRI-AXLE WITH CWT	
	1001227630	Ref	Ship-Out Crate	
	2636000010	Ref	Ship-Out Stand for Kits Models	
	1001229101	Ref	Ship-Out Stand for Kits Models (Sea Crate)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227624	Ref	Ship-Out Stand for Tunnel ("A" Tunnel) or (qty1 Tunnel)	
	1001227625	Ref	Ship-Out Stand for Tunnel ("B" Tunnel) or (qty2 Tunnels)	
	1001277658	Ref	Subframe Weldment	
	1001278334	Ref	Tunnel Installation - 38IN ("B" Slot)	
	1001278333	Ref	Tunnel Installation - 38IN (See Separate Breakdown in BODY Section)	
	1001278335	Ref	Tunnel Installation - 50IN ("B" Slot)	
	1001278332	Ref	Tunnel Installation - 50IN (See Separate Breakdown in BODY Section)	

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