JERR-DAN

Illustrated Parts Manual

Model
Rotator
HDR1000
JFB Body

SN 0230005335 to Present

P/N
5376000168

September 24, 2021 - Rev C

JERR-DAN
An Oshkosh Corporation Company

REVISION LOG

November 1, 2014 - A - Original Issue Of Manual
June 19, 2020 - B - Revised Manual (Manual Edited to 1001230597 Revision E)
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GENERAL INFORMATION

This manual covers the following Jerr-Dan Models:

HDR1000 - 50 Ton Rotator With JFB Body

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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.



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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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SECTION 1 - SUBFRAME

SECTION 1 - SUBFRAME

FIGURE 1-1. SUBFRAME INSTALLATION

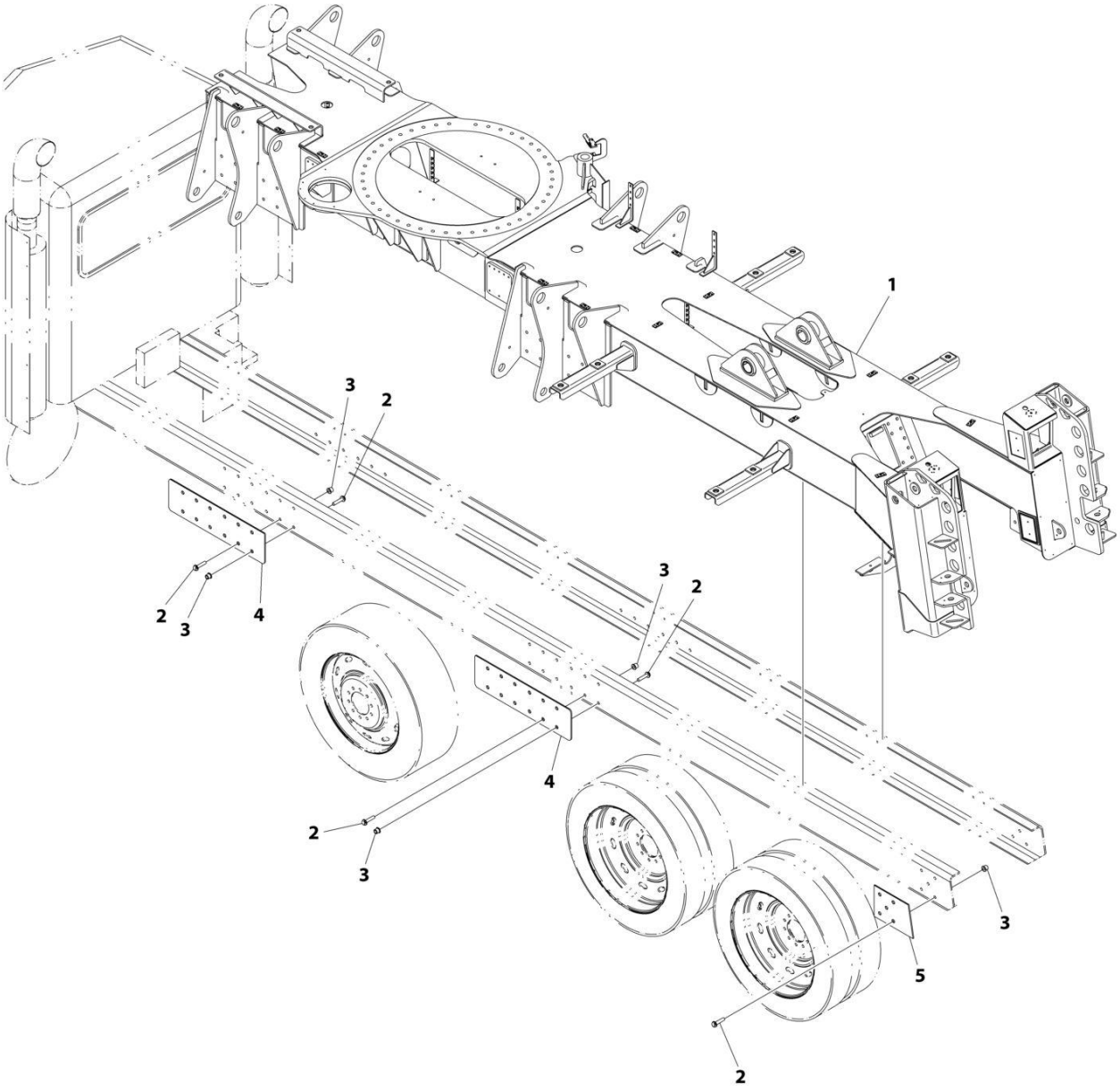


FIGURE 1-1. SUBFRAME INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227490	Ref	Subframe Installation	B
1	1001135645	1	Frame Weldment	
2	7120000062	58	Huck Bolt 3/4 x 2	
3	7293000006	58	Huck Collar 3/4	
4	1001129777	4	Shim	
5	1001129778	2	Shim	
	1001129786	Ref	Kit, Shim (includes items 4 & 5)	

FIGURE 1-2. S100 OUTRIGGER/STABILIZER INSTALLATION - STANDARD

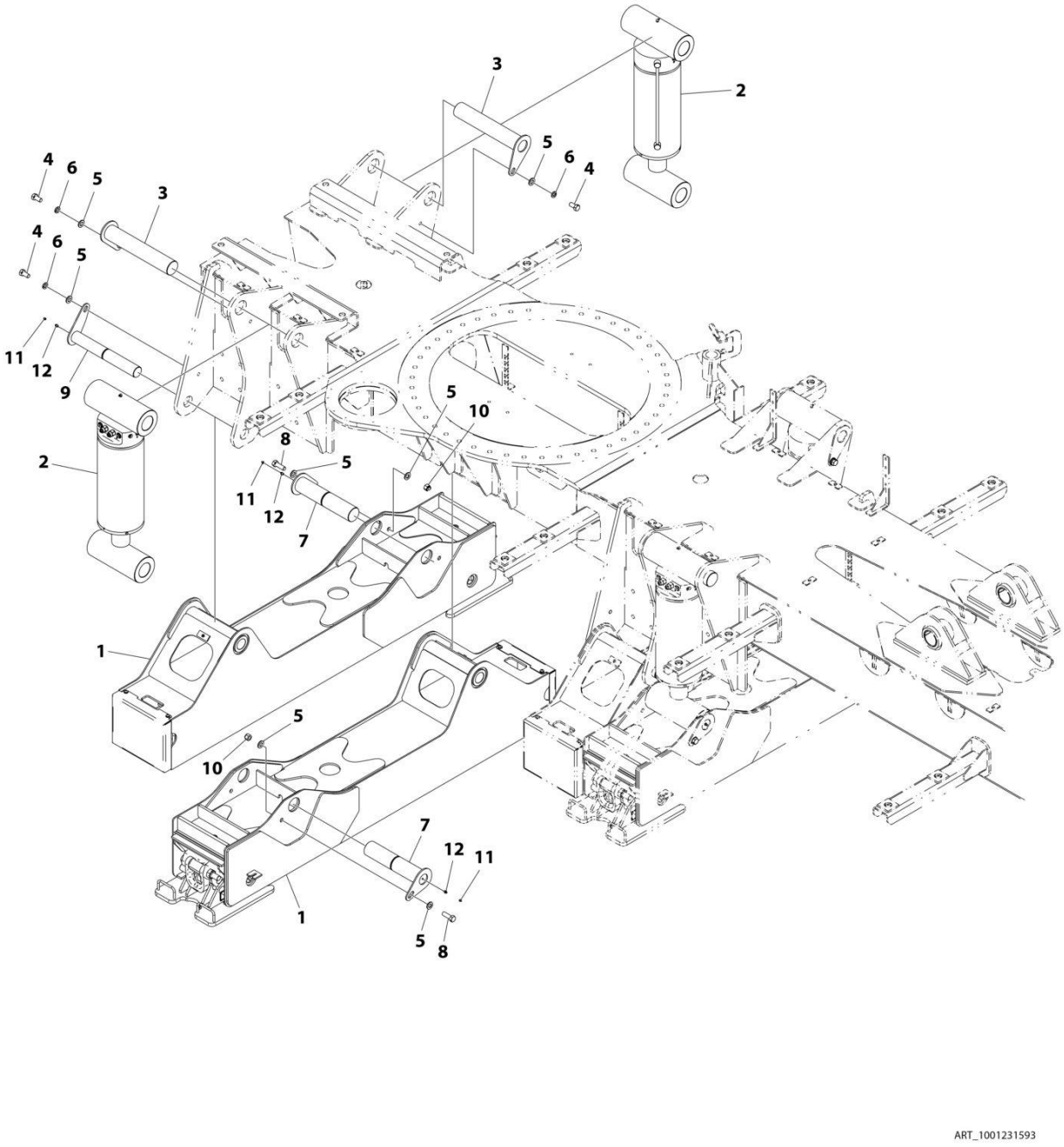


FIGURE 1-2. S100 OUTRIGGER/STABILIZER INSTALLATION - STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231593	Ref	S100 Outrigger/Stabilizer Installation	A
1	1001129405	4	Outrigger/Stabilizer Assembly - Standard (See Separate Breakdown in this Section)	
2	1001127311	4	Outrigger/Stabilizer Lift Cylinder Assembly (See Separate Breakdown in this Section)	
3	3691000227	4	Pin	
4	0682212	8	Capscrew 3/4 x 1-1/2	
5	7950220141	16	Washer 3/4	
6	7950220000	8	Lockwasher 3/4	
7	1001129416	4	Pin	
8	7118221850	4	Capscrew 3/4 x 2-1/4	
9	3691000228	4	Pin	
10	7660222601	4	Nut 3/4	
11	7253000002	8	Cap, Grease Fitting	
12	7440000000	8	Grease Fitting	

FIGURE 1-3. OUTRIGGER/STABILIZER ASSEMBLY - STANDARD

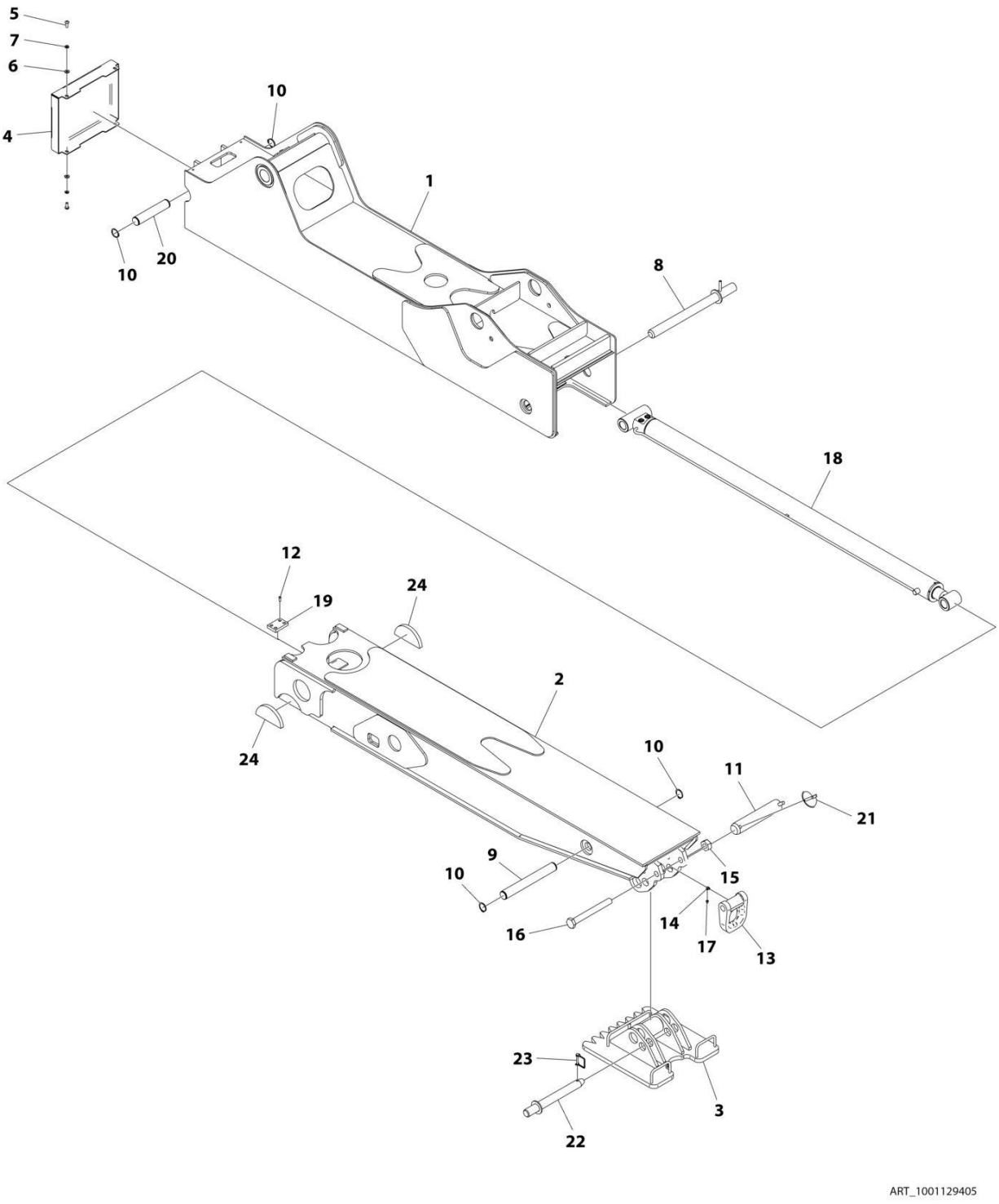


FIGURE 1-3. OUTRIGGER/STABILIZER ASSEMBLY - STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129405	Ref	Outrigger/Stabilizer Assembly - Standard	E
1	1001127918	1	Outer Stabilizer Weldment	
2	1001135652	1	Inner Stabilizer Weldment	
3	3706000348	1	Stabilizer Plate Weldment	
4	1001129498	1	Cover Panel	
5	7114160818	4	Capscrew 3/8 x 1	
6	7950160141	4	Washer 3/8	
7	7950160000	4	Lockwasher 3/8	
8	3691000247	1	Pin	
9	1001129406	1	Pin	
10	7754000058	4	Retaining Ring	
11	3691000253	1	Pin	
12	7114140618	4	Capscrew 1/4 x 3/4	
13	4754000006	1	D-Ring	
14	7440030400	1	Grease Fittin	
15	7660262600	1	Nut	
16	1001154786	1	Capscrew 1 x 9	
17	7253000002	1	Cap, Grease Fitting	
18	1001127312	1	Outrigger/Stabilizer Extension Cylinder (See Separate Breakdown in this Section)	
19	4679000243	1	Pad	
20	4691000489	1	Pin	
21	1001003803	1	Pin	
22	3691000223	1	Pin	
23	7691000048	1	Pin	
24	1001135667	2	Pad, Wear	

FIGURE 1-4. OUTRIGGER/STABILIZER EXTEND CYLINDER

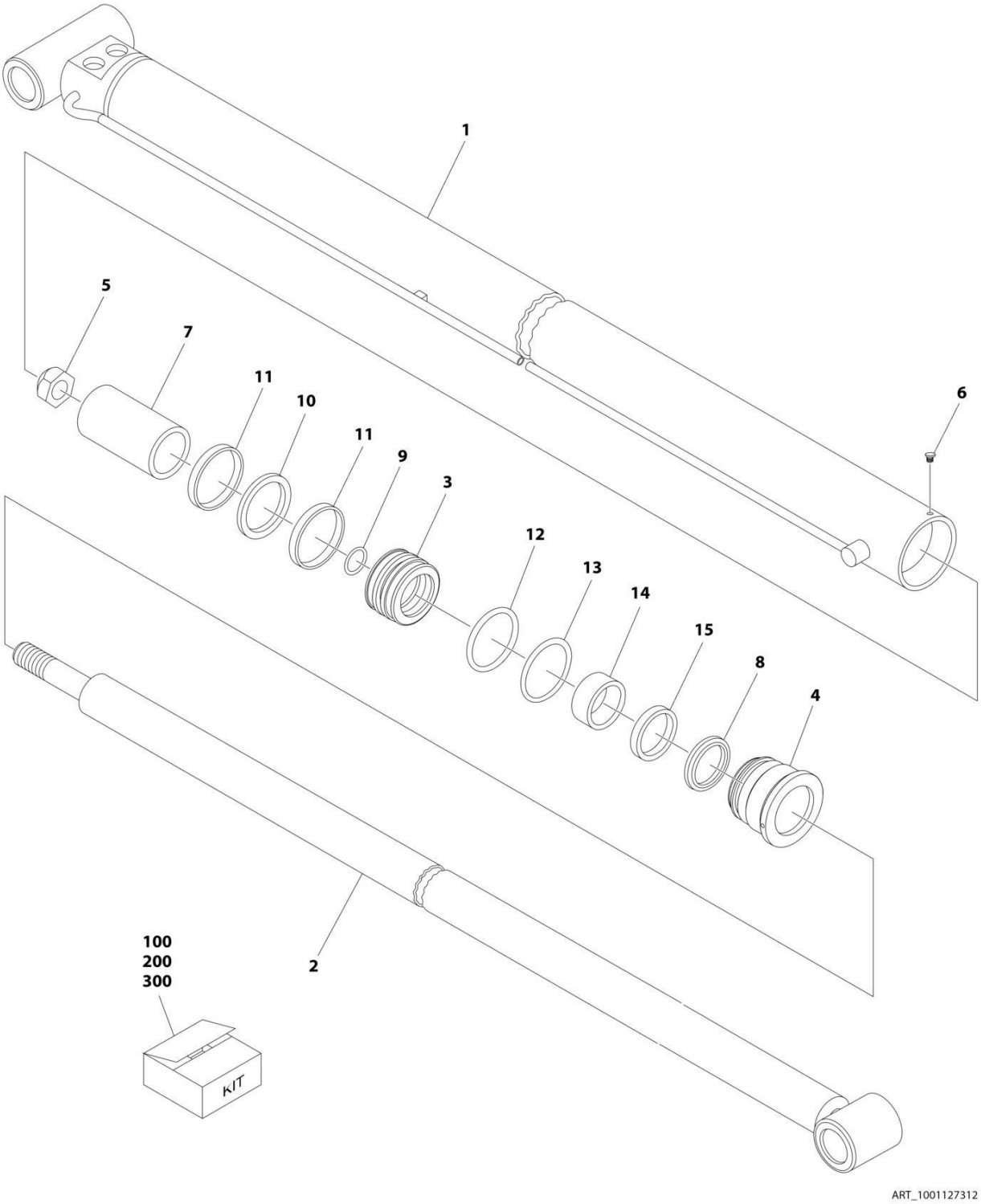


FIGURE 1-4. OUTRIGGER/STABILIZER EXTEND CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127312	Ref	Outrigger Extend Cylinder	B
1	70050414	1	Barrel Weldment	
2	70050437	1	Rod Weldment	
3	70050445	1	Piston	
4	70050450	1	Rod Bearing	
5	91024100	1	Nut 1	
6	7029760	1	Locking Screw	
7	70050444	1	Stroke Limiter	
8	91034051	1	Seal, Wiper	
9	70050448	1	Seal, O-Ring	
10	70050447	1	Seal, Piston	
11	70050449	2	Wear Ring	
12	70050439	1	Seal, O-Ring	
13	70050438	1	Seal, Backup Ring	
14	70050452	1	Wear Ring	
15	70050451	1	Seal, Rod	
100	70050441	Ref	Piston Assembly Kit (includes items 3 & 9 to 11)	
200	70050442	Ref	Rod Bearing Assembly Kit (includes items 4, 8, & 12 to 15)	
300	70050446	Ref	Seal Kit (includes items 8 to 15)	

FIGURE 1-5. S130 OUTRIGGER/STABILIZER INSTALLATION - EXTENDED

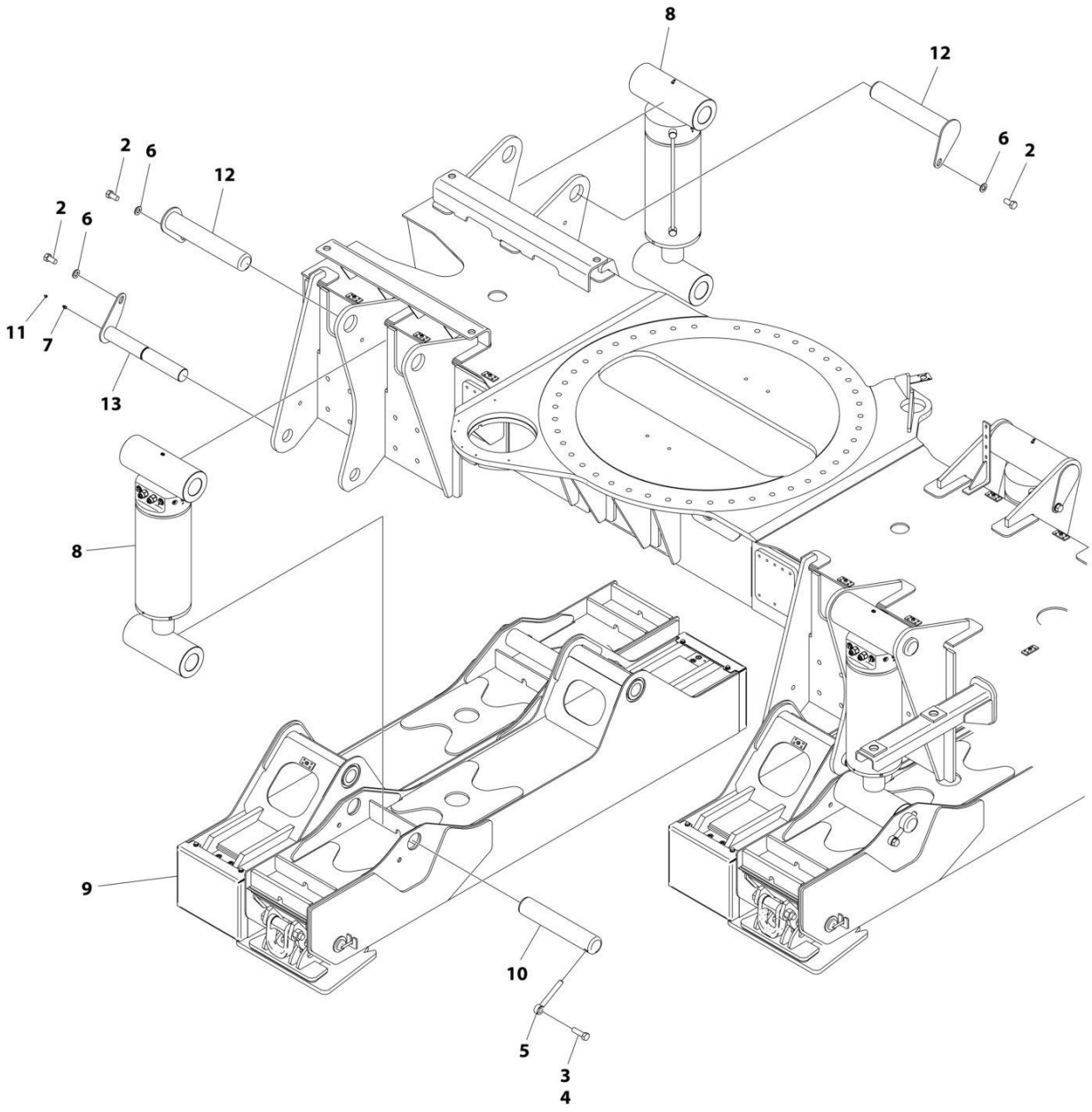


FIGURE 1-5. S130 OUTRIGGER/STABILIZER INSTALLATION - EXTENDED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231594	Ref	S130 OUTRIGGER/STABILIZER INSTALLATION - EXTENDED	A
2	0682212	8	Bolt 3/4 x 1-1/2	
3	0682220	4	Bolt 3/4 x 2-1/2	
4	3272201	4	Nut 3/4	
5	3841287	4	Keeper Rod	
6	4712200	8	Washer 3/4	
7	88671001	4	Grease Fitting	
8	1001127311	4	Outrigger/Stabilizer Lift Cylinder (See Separate Breakdown in this Section)	
9	1001179131	4	Outrigger/Stabilizer Assembly - Extended (See Separate Breakdown in this Section)	
10	1001179153	4	Pin	
11	7253000002	4	Grease Fitting Cap	
12	3691000227	4	Pin	
13	3691000228	4	Pin	

FIGURE 1-6. OUTRIGGER/STABILIZER ASSEMBLY - EXTENDED

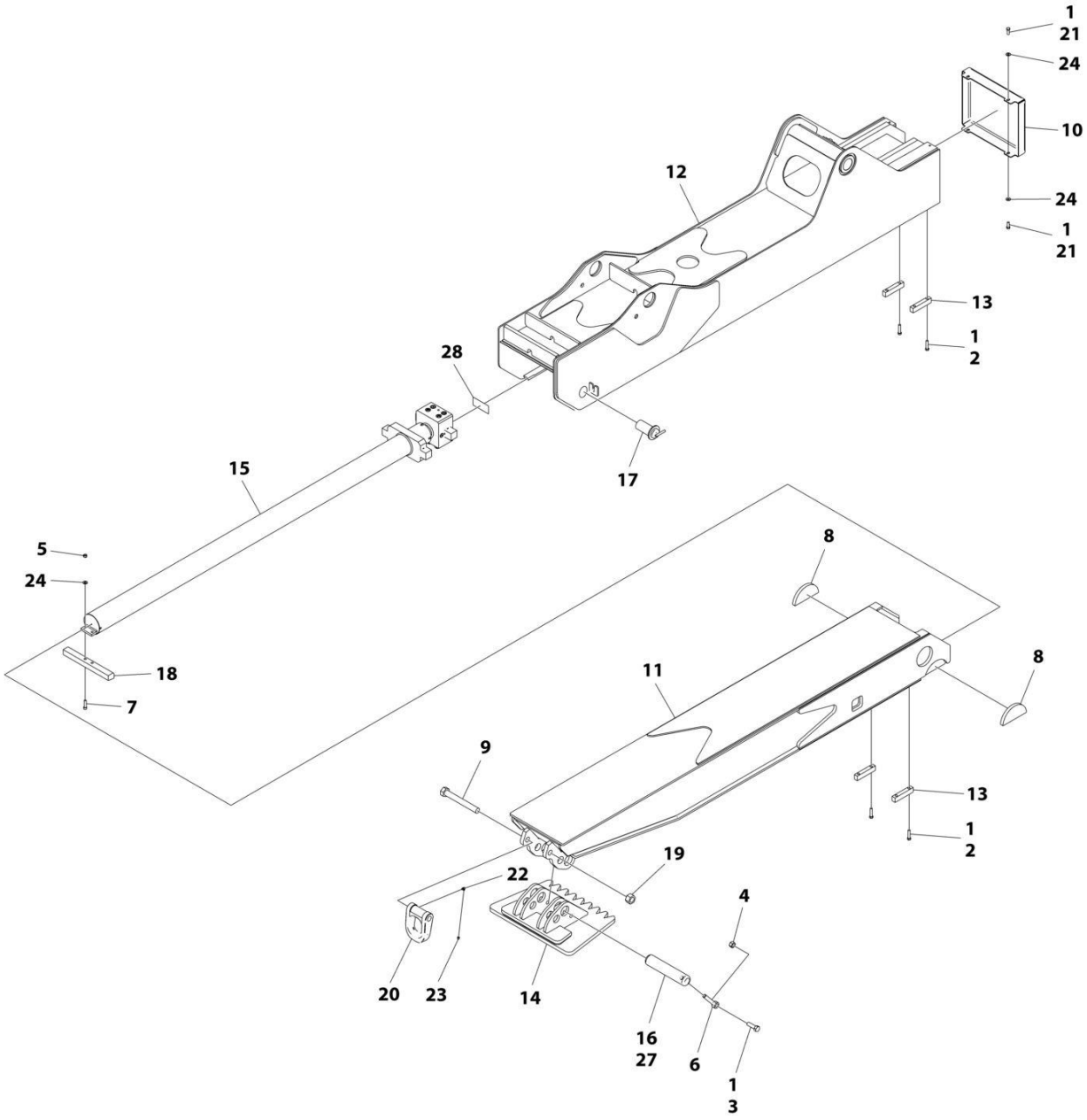


FIGURE 1-6. OUTRIGGER/STABILIZER ASSEMBLY - EXTENDED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179131	Ref	OUTRIGGER/STABILIZER ASSEMBLY - EXTENDED	D
1	1001095650	AR	Compound locking	
2	0641614	8	Bolt 3/8 x 1-3/4	
3	0682016	1	Bolt 5/8 x 2	
4	3272001	1	Nut 5/8	
5	3311605	2	Nut 3/8	
6	3841258	1	Keeper	
7	3931624	2	Screw 3/8 x 1-1/2	
8	1001135667	2	Pad	
9	1001154786	1	Bolt 1 x 8	
10	1001178692	1	Panel	
11	1001178865	1	Inner Stabilizer Weldment	
12	1001178867	1	Outer Stabilizer Weldment	
13	1001179003	4	Retainer	
14	1001179129	1	Pad	
15	1001179132	1	Outrigger/Stabilizer Extension Cylinder (See Separate Breakdown in this Section)	
16	1001179143	1	Pin	
17	1001179160	1	Pad	
18	1001179170	1	Pad	
19	3272605001	1	Nut	
20	4754000006	1	D-Ring	
21	7114160850	4	Bolt 3/8 x 1	
22	7253000002	1	Grease Cap	
23	7440030400	1	Grease Fitting	
24	7950160143	6	Washer 3/8	
25	3691000223	1	Pin (Not Shown)	
26	7691000048	1	Snap Pin (Not Shown)	
27	3020029	AR	Grease	
28	1001158844	1	Decal	

FIGURE 1-7. OUTRIGGER/STABILIZER EXTEND CYLINDER

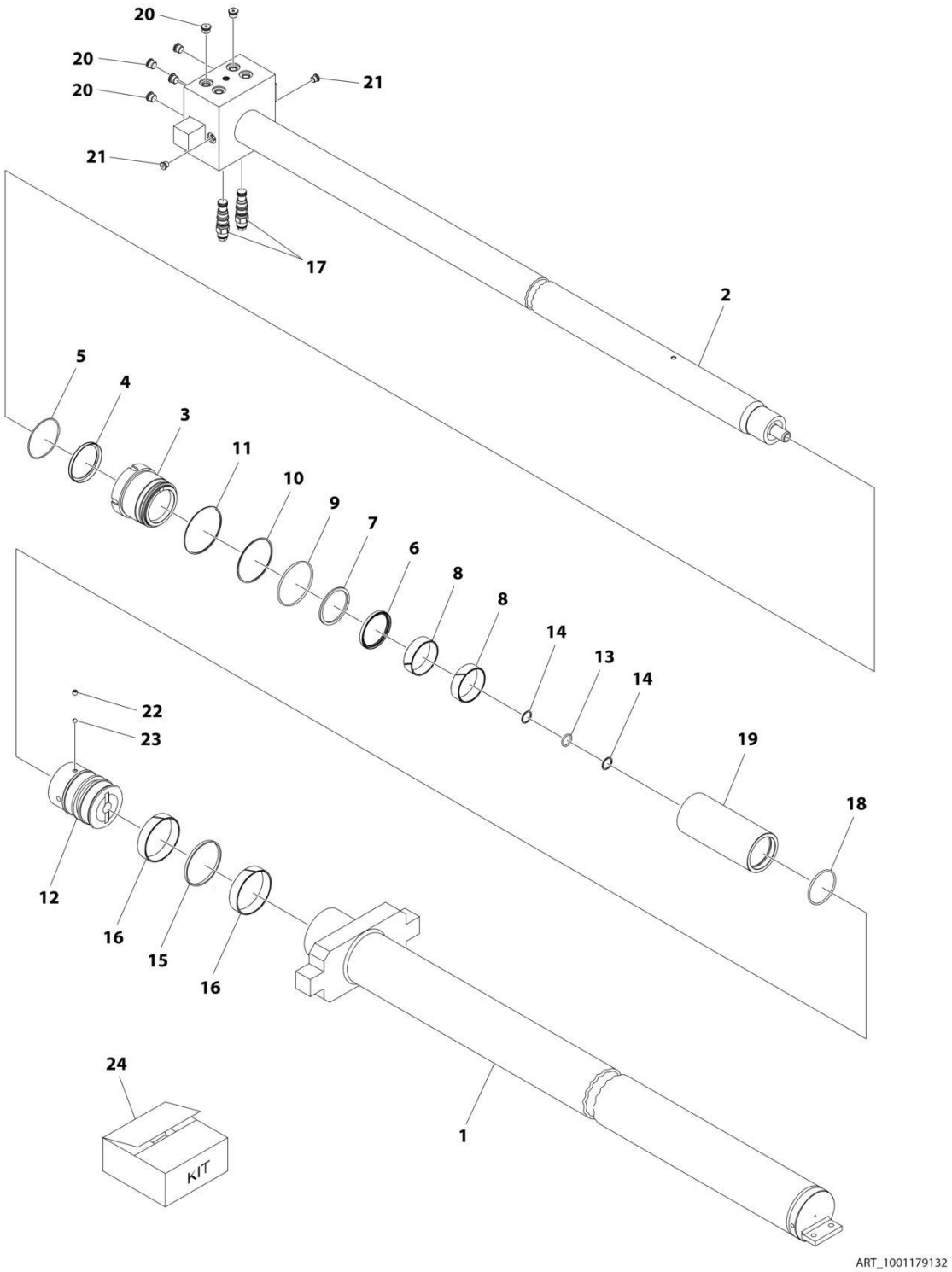


FIGURE 1-7. OUTRIGGER/STABILIZER EXTEND CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179132	Ref	Stabilizer Extend Cylinder	C
1	70050791	1	Barrel Weldment	
2	70050792	1	Rod Weldment	
3	70050793	1	Cap	
4	70050794	1	Seal, Wiper	
5	70050795	1	Retaining Ring	
6	70050796	1	Seal, Rod	
7	70050797	1	Seal, Backup Ring	
8	70050798	2	Wear Ring	
9	70050799	1	Seal, O-Ring	
10	70050800	1	Ring, Backup	
11	70050801	1	Seal, Ring	
12	70050802	1	Piston	
13	70050803	1	Seal, O-Ring	
14	70050804	2	Ring, Backup	
15	70050805	1	Seal, Piston	
16	70050806	2	Wear Ring	
17	70050807	2	Counter Balance	
18	70050808	1	Seal, O-Ring	
19	70050809	1	Spacer	
20	70023371	6	Plug	
21	70023370	2	Plug	
22	70022563	1	Set Screw, M8 x 1-1/4	
23	70022564	1	Steel Ball	
24	70050810	1	Seal Kit	

FIGURE 1-8. OUTRIGGER LIFT CYLINDER

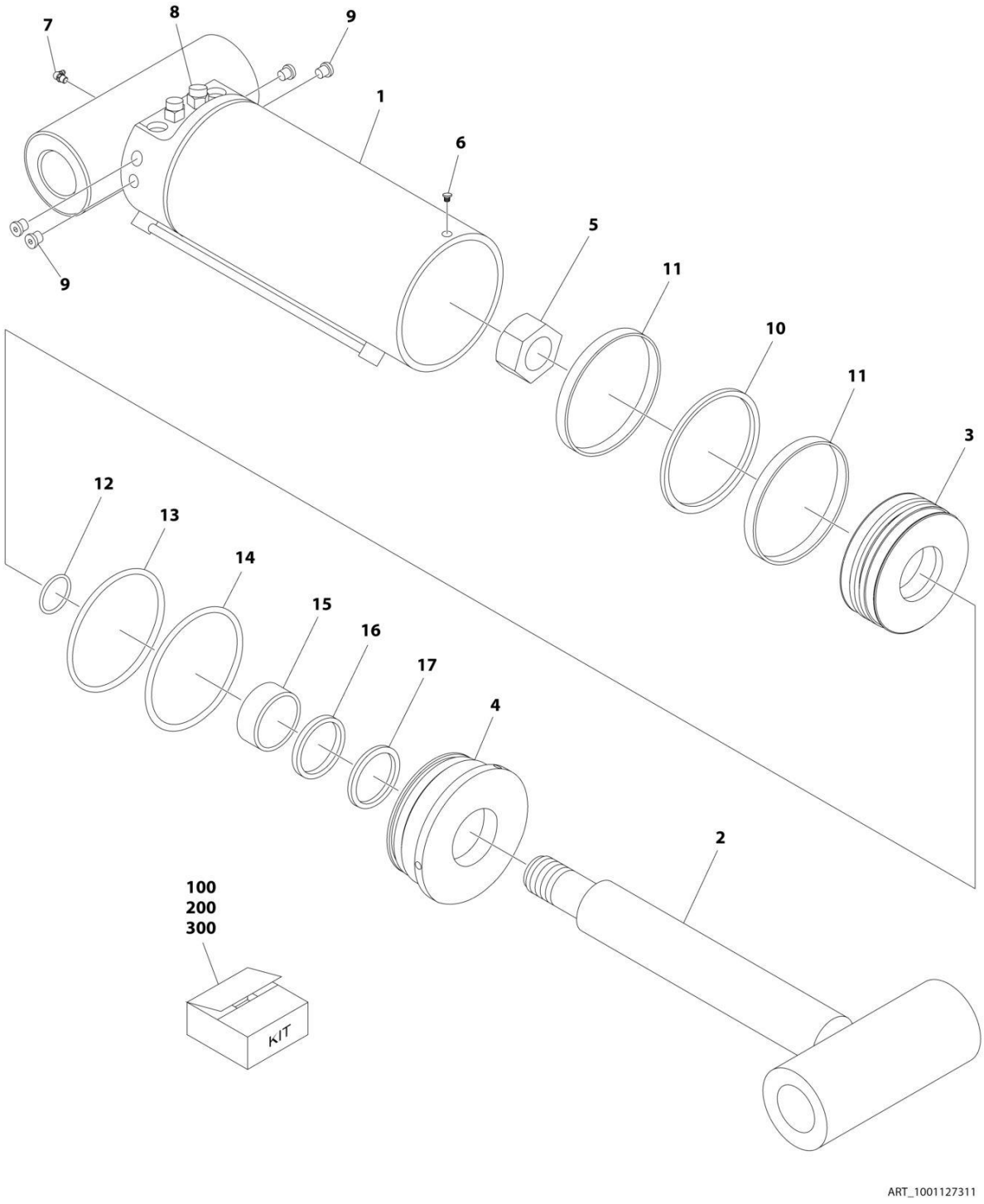


FIGURE 1-8. OUTRIGGER LIFT CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127311	Ref	Outrigger Lift Cylinder	E
1	70050424	1	Barrel Assembly	
2	70050425	1	Rod Assembly	
3	70050430	1	Piston	
4	70050435	1	Rod Bearing	
5	90022234	1	Nut 2-1/4	
6	7029760	1	Locking Screw	
7	70022603	1	Grease Fitting	
8	70050428	2	Counter Balance Valve	
9	70022067	4	Steel SAE O-Ring Plug #4	
10	70050432	1	Rectangular Piston Seal	
11	70050434	2	Wear Ring, Piston	
12	70050433	1	O-Ring	
13	70050438	1	O-Ring	
14	70050439	1	Backup Ring	
15	70050440	1	Wear Ring	
16	70050436	1	Rod Seal	
17	90022282	1	Wiper	
100	70050426	Ref	Piston Assembly Kit (includes items 3 & 10 to 12)	
200	70050427	Ref	Rod Bearing Assembly Kit (includes items 4 & 13 to 17)	
300	70050431	Ref	Seal Kit (includes items 10 to 17)	

FIGURE 1-9. REAR SPADE INSTALLATION

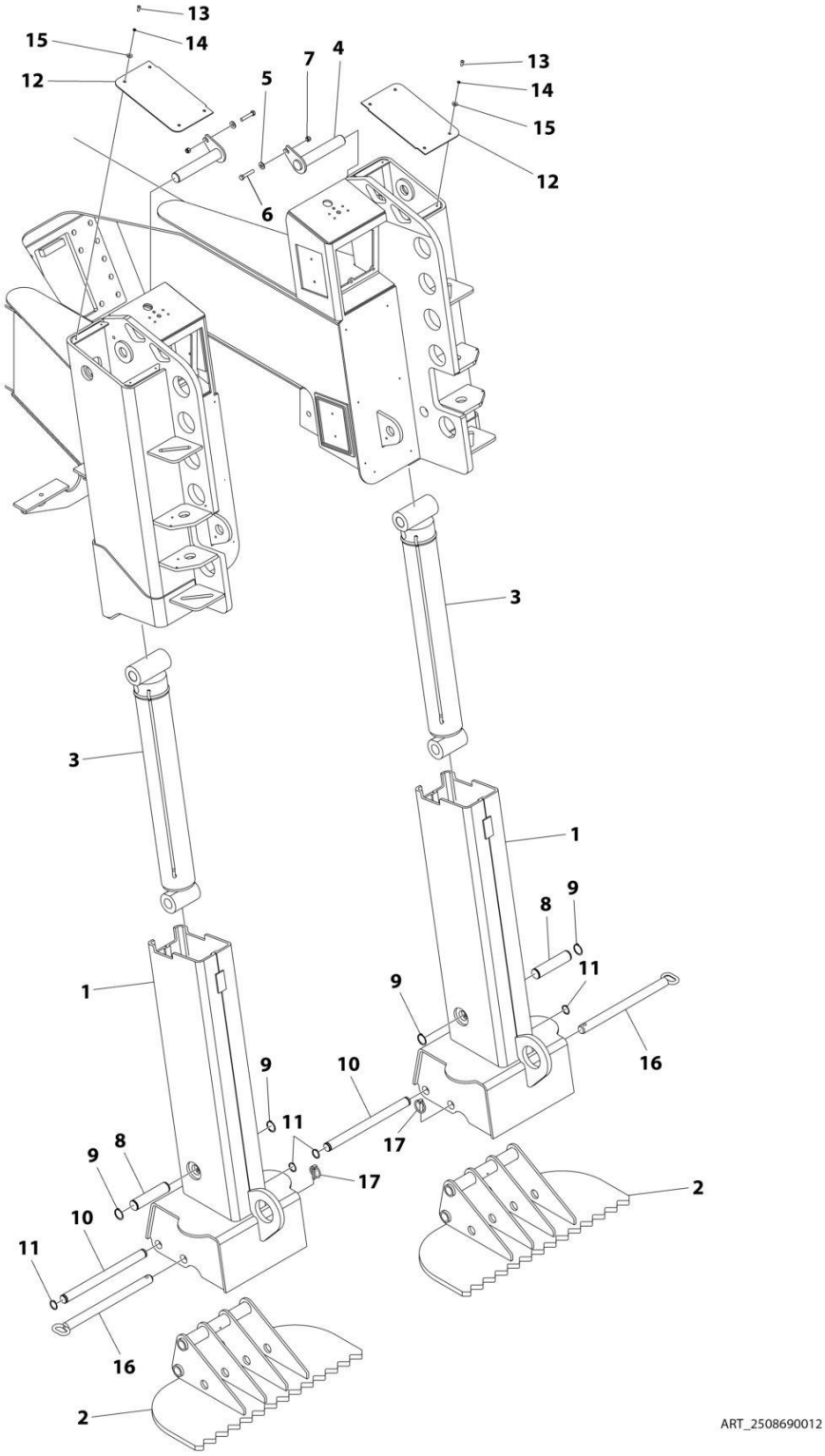


FIGURE 1-9. REAR SPADE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2508690012	Ref	Rear Spade Installation	C
1	3263000118	2	Channel Weldment	
2	3706000261	2	Spade Claw Plate	
3	7320000006	2	Spade Cylinder Assembly (See Separate Breakdown in this Section)	
4	3691000267	2	Pin	
5	7950160161	2	Washer 3/8	
6	7115161650	2	Capscrew 3/8 x 2	
7	7660162601	2	Nut 3/8	
8	7491000207	2	Pin	
9	7754000033	4	Retaining Ring	
10	4691000200	2	Pin	
11	7754000008	4	Retaining Ring	
12	4706003716	2	Plate	
13	7114140518	8	Capscrew 1/4 x 5/8	
14	7949000025	8	Lockwasher	
15	7950140153	8	Washer 1/4	
16	3691000126	2	Pin	
17	7691000019	2	Lynch Pin	

FIGURE 1-10. REAR SPADE CYLINDER

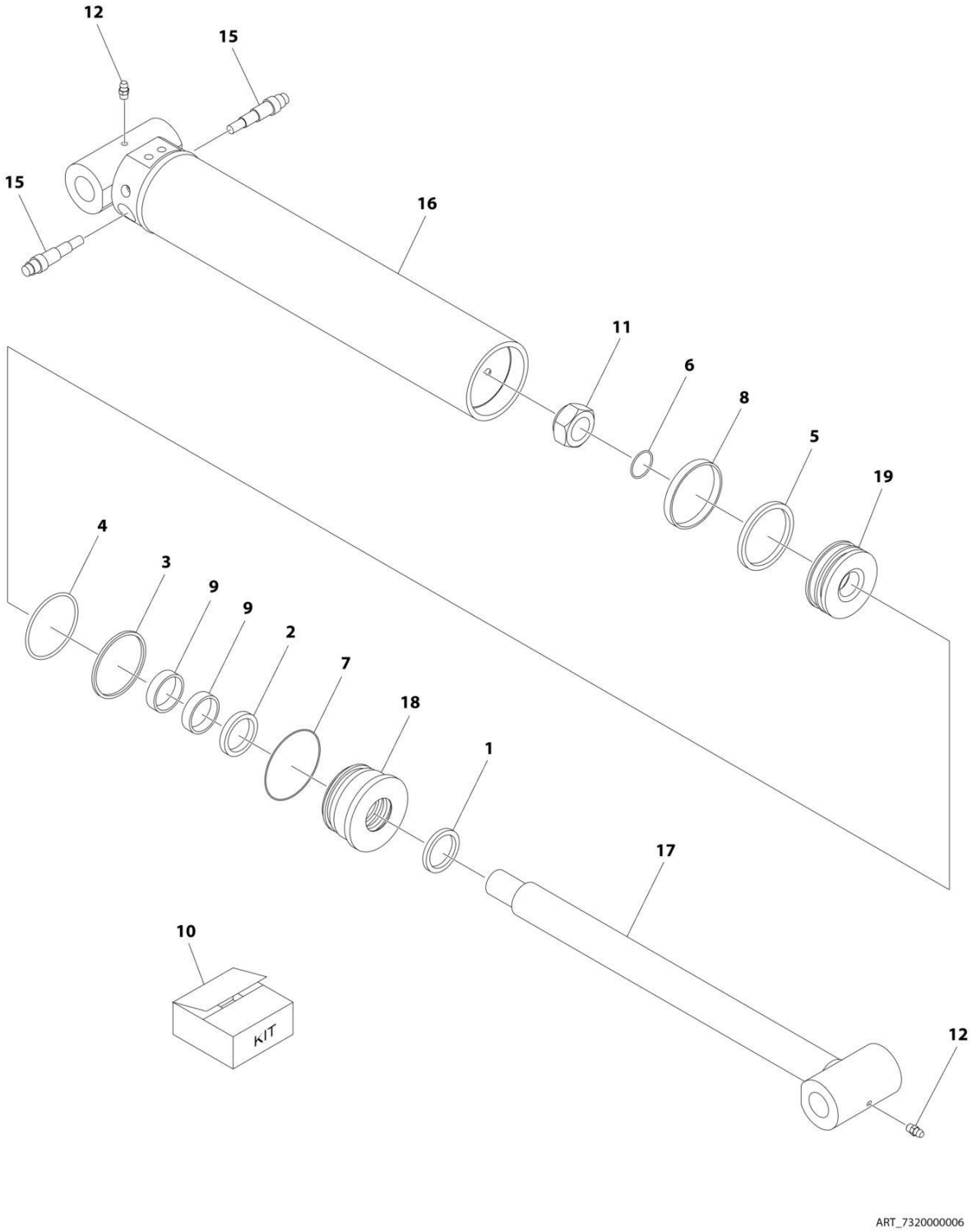


FIGURE 1-10. REAR SPADE CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000006	Ref	Rear Spade Cylinder	B
1	9796250080	1	Seal, Wiper	
2	7019828	1	Seal	
3	9754250009	1	Ring, Back-up	
4	9796250057	1	Seal, O-Ring	
5	9796250073	1	Seal	
6	9796250061	1	Seal, O-Ring	
7	9796250066	1	Seal, O-Ring	
8	9724250014	1	Ring, Wear	
9	9754250015	2	Ring, Wear	
10	7577000167	1	Kit, Seal	
11	7003212	1	Nut	
12	7005322	2	Grease Fitting	
13	7005365	2	Plug, Port (Not Shown)	
14	70021648	2	Plug, Port (Not Shown)	
15	70050215	2	Valve, Counterbalance	
16	9912250004	1	Assembly, Tube	
17	9763250009	1	Assembly, Rod	
18	9553250009	1	Head	
19	70050531	1	Piston	

FIGURE 1-11. TURNTABLE INSTALLATION

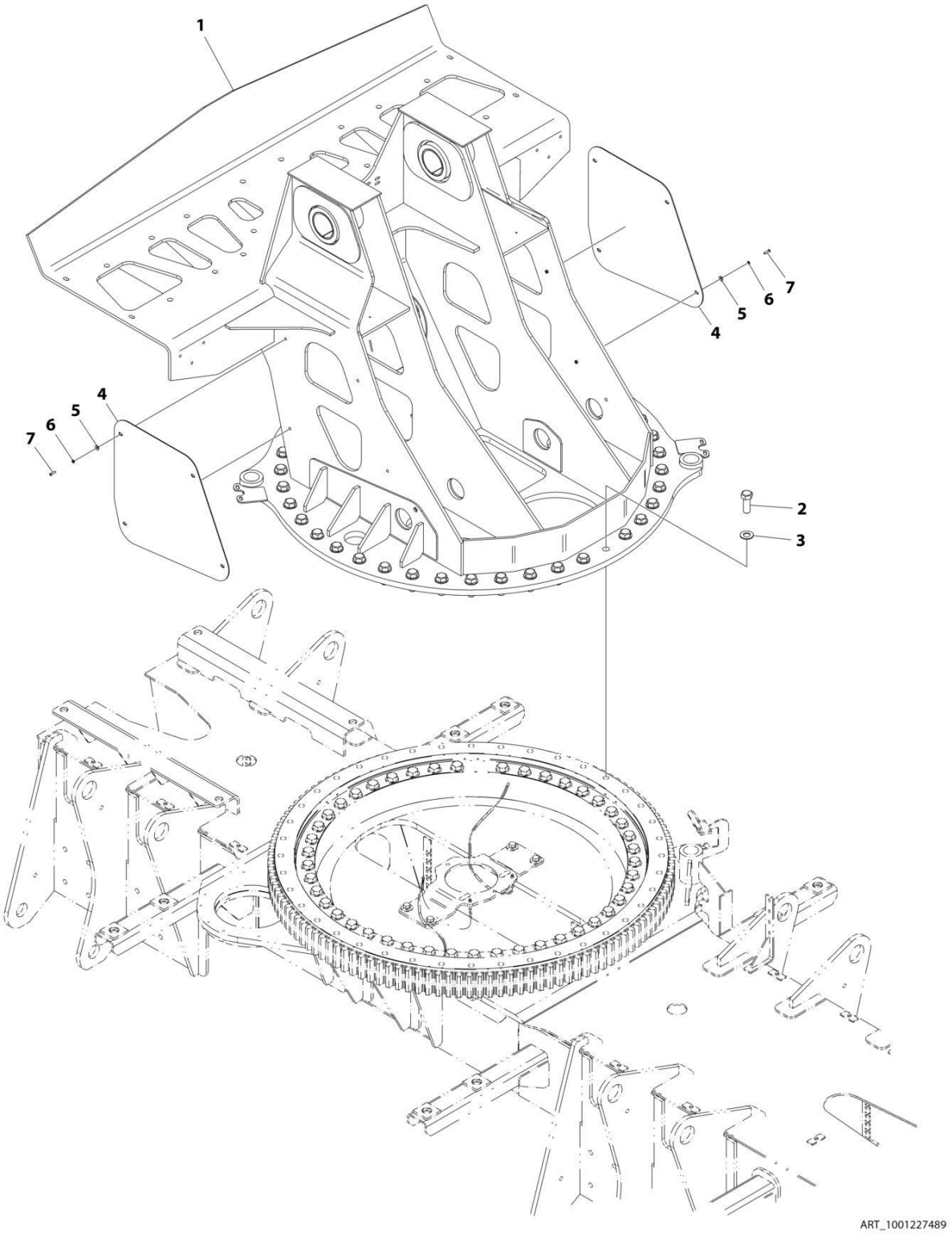


FIGURE 1-11. TURNTABLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227489	Ref	Turntable Installation	A
1	1001128391	1	Turntable Weldment	
2	0682622	40	Capscrew 1 x 2-3/4	
3	10701259	40	Washer	
4	1001134239	2	Cover	
5	7950140161	8	Washer 1/4	
6	7950140000	8	Lockwasher 1/4	
7	7114140818	8	Capscrew 1/4 x 1	

FIGURE 1-12. SLEW BEARING INSTALLATION

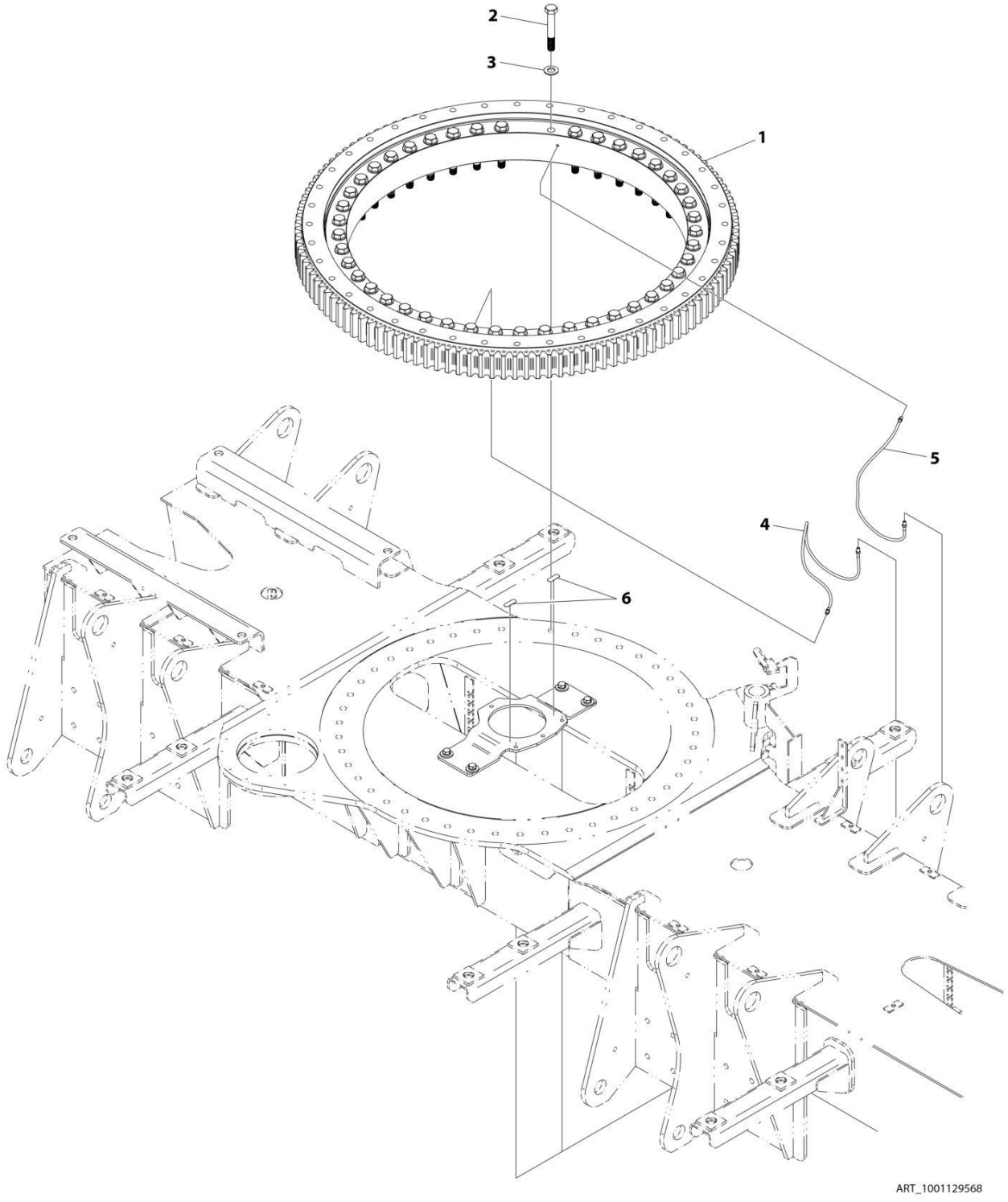


FIGURE 1-12. SLEW BEARING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129568	Ref	Slew Bearing Installation	C
1	1001127316	1	Bearing	
2	0682652	44	Capscrew 1 x 6-1/2	
3	10701259	44	Washer	
4	1001136692	1	Hose, Grease	
5	1001118961	1	Hose, Grease	
6	1001131060	2	Decal, Bearing Grease	

FIGURE 1-13. SLEW DRIVE INSTALLATION

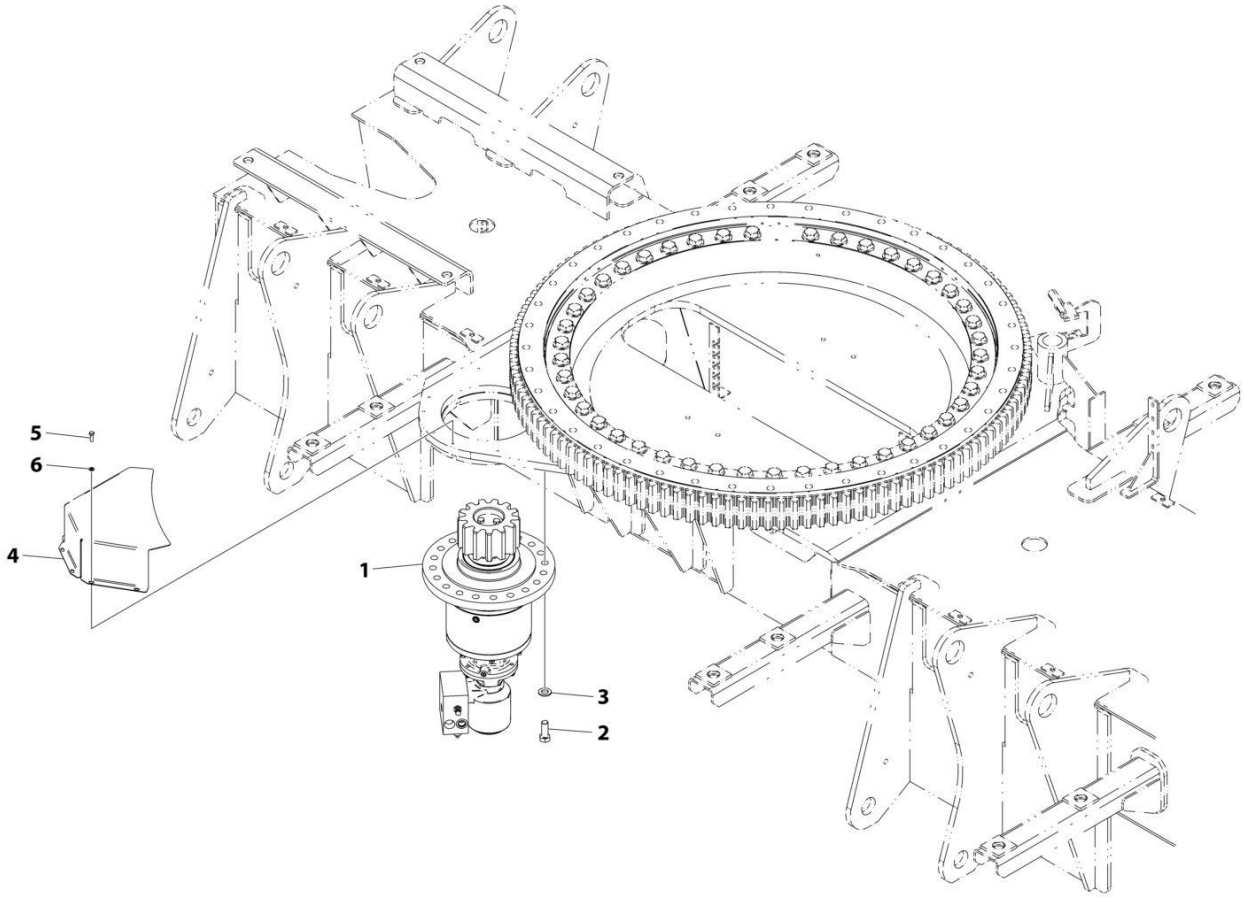


FIGURE 1-13. SLEW DRIVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001130483	Ref	Slew Drive Installation	B
1	1001127324	1	Motor, Planetary Gear Assembly	
2	7118221650	10	Capscrew 3/4 x 2	
3	7950220142	10	Washer 3/4	
4	1001130840	1	Cover	
5	7115150850	6	Capscrew 1/3	
6	7950150000	6	Lockwasher 1/3	

FIGURE 1-14. SWIVEL INSTALLATION

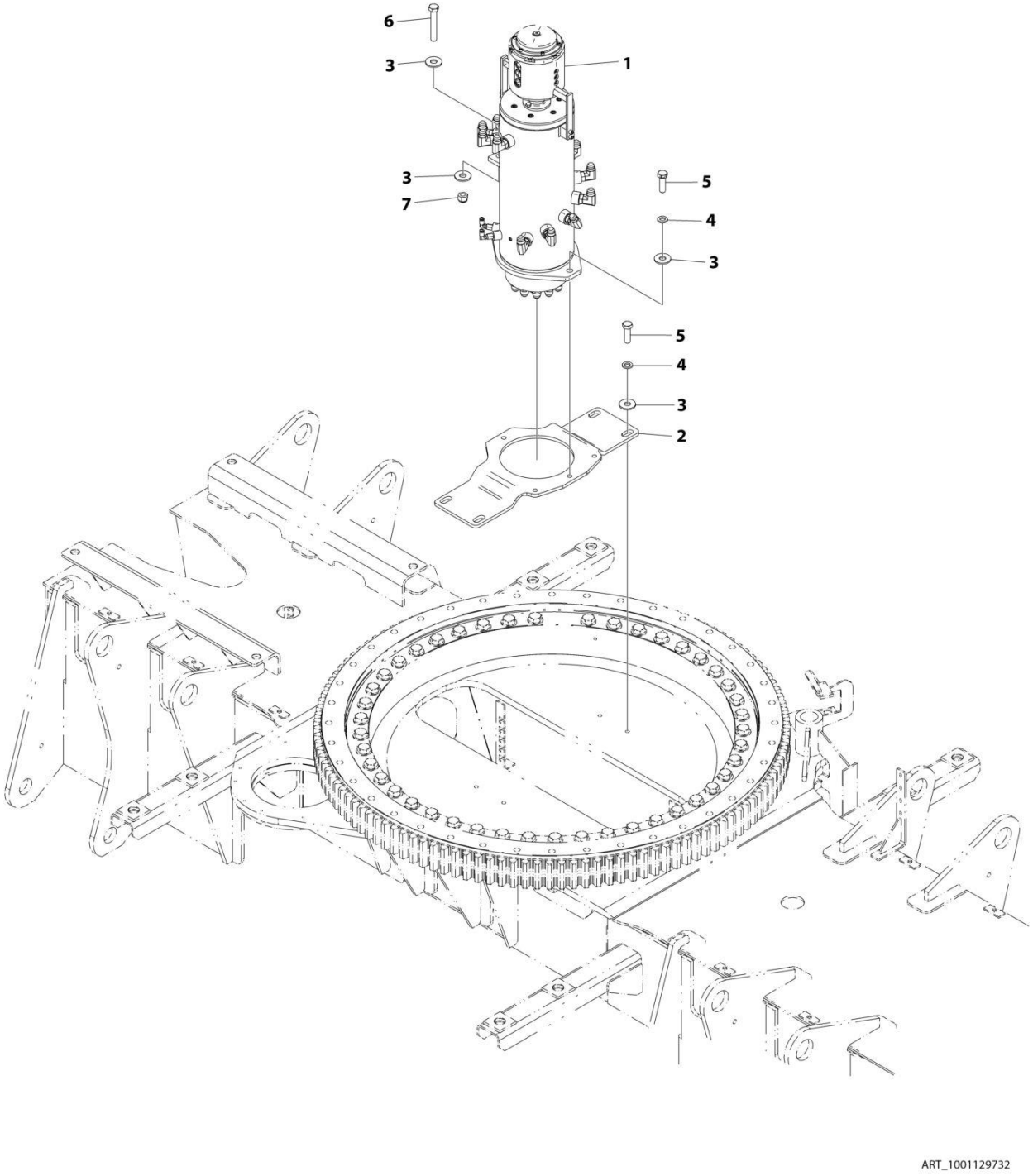


FIGURE 1-14. SWIVEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129732	Ref	Swivel Installation	C
1	1001129628	1	Swivel Assembly, Hydraulic/Electric (See Separate Breakdown in this Section)	
2	1001129987	1	Bracket	
3	7950200161	8	Washer 5/8	
4	7950200000	6	Lockwasher 5/8	
5	7115201650	6	Capscrew 5/8 x 2	
6	7115203250	1	Capscrew 5/8 x 4	
7	7660202601	1	Nut 5/8	

FIGURE 1-15. SWIVEL ASSEMBLY, HYDRAULIC/ELECTRIC

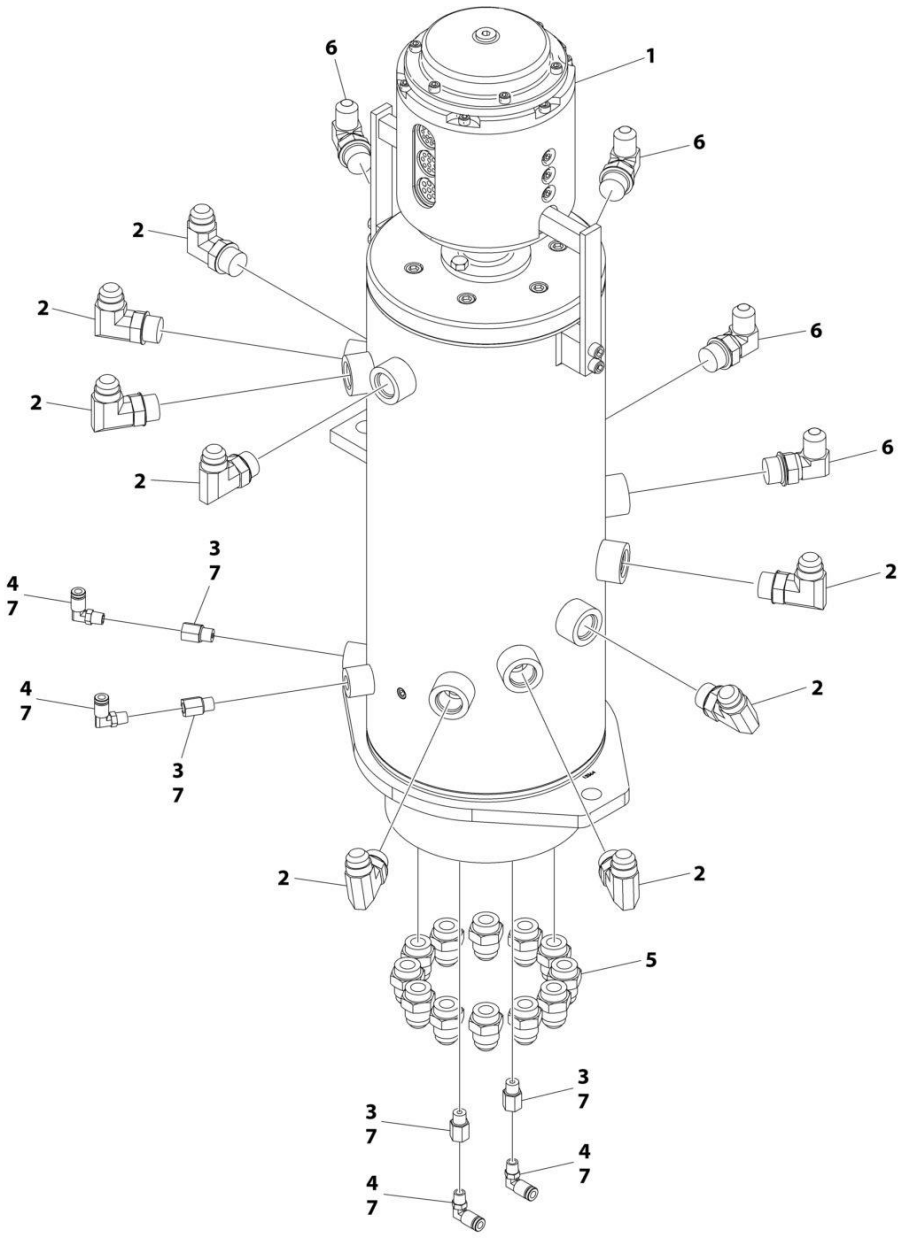


FIGURE 1-15. SWIVEL ASSEMBLY, HYDRAULIC/ELECTRIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129628	Ref	SWIVEL ASSEMBLY, HYDRAULIC/ELECTRIC	D
1	1001232530	1	Hydraulic/Electric Swivel	
2	7445101045	8	Fitting, 90	
3	7443000414	4	Fitting, Straight	
4	7443000173	4	Fitting, 90	
5	7445101043	12	Fitting, Straight	
6	7445081045	4	Fitting, 90	
7	0100075	AR	Compound locking	

FIGURE 1-16. VANITY COVER INSTALLATION

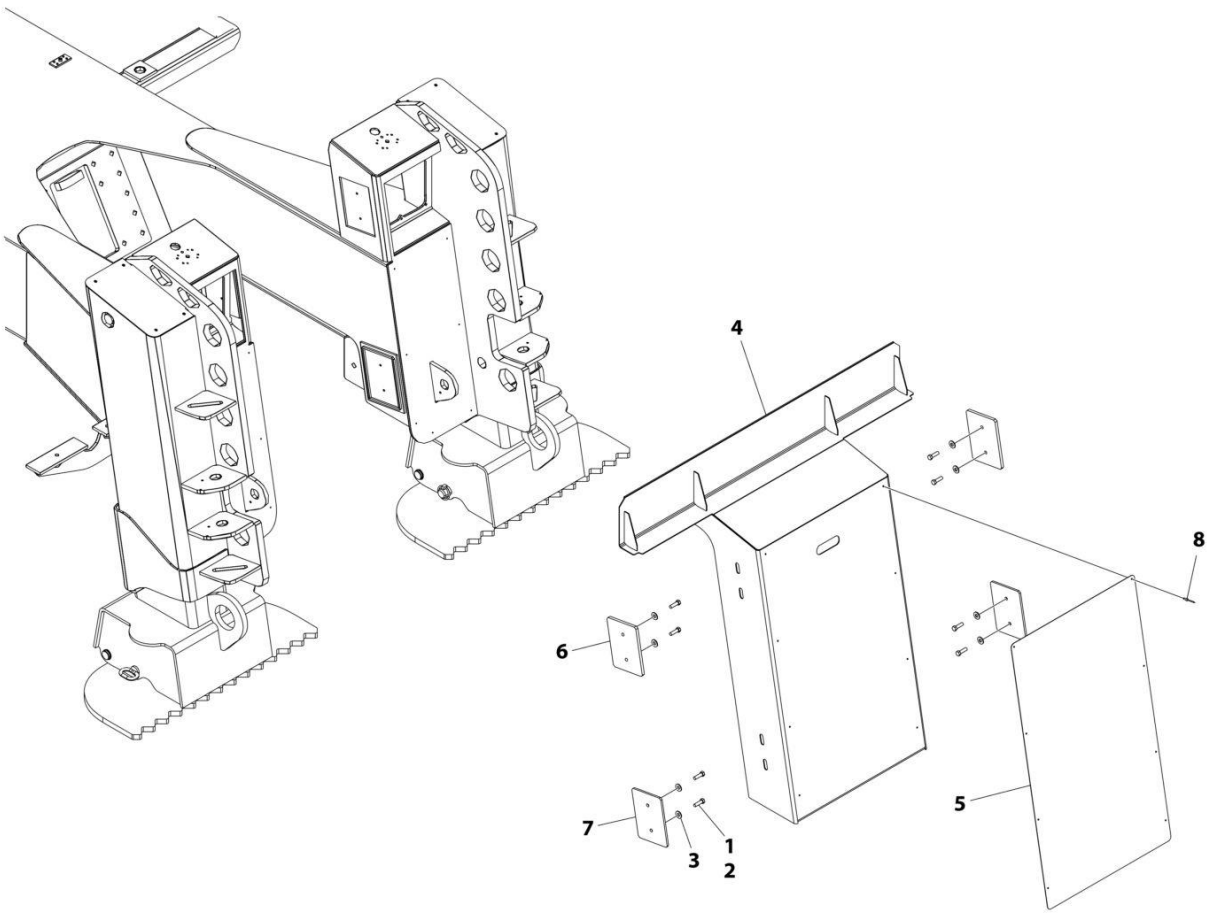


FIGURE 1-16. VANITY COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196380	Ref	VANITY COVER INSTALLATION	B
1	0100011	AR	Compound locking	
2	0681610	8	Bolt 3/8 x 1-1/4	
3	4751600	8	Washer 3/8	
4	1001196284	1	Cover Plate	
5	1001196377	1	Panel	
6	1001196892	2	Plate	
7	1001196893	2	Plate	
8	7759000020	8	Rivet	

FIGURE 1-17. TAILBOARDS INSTALLATION

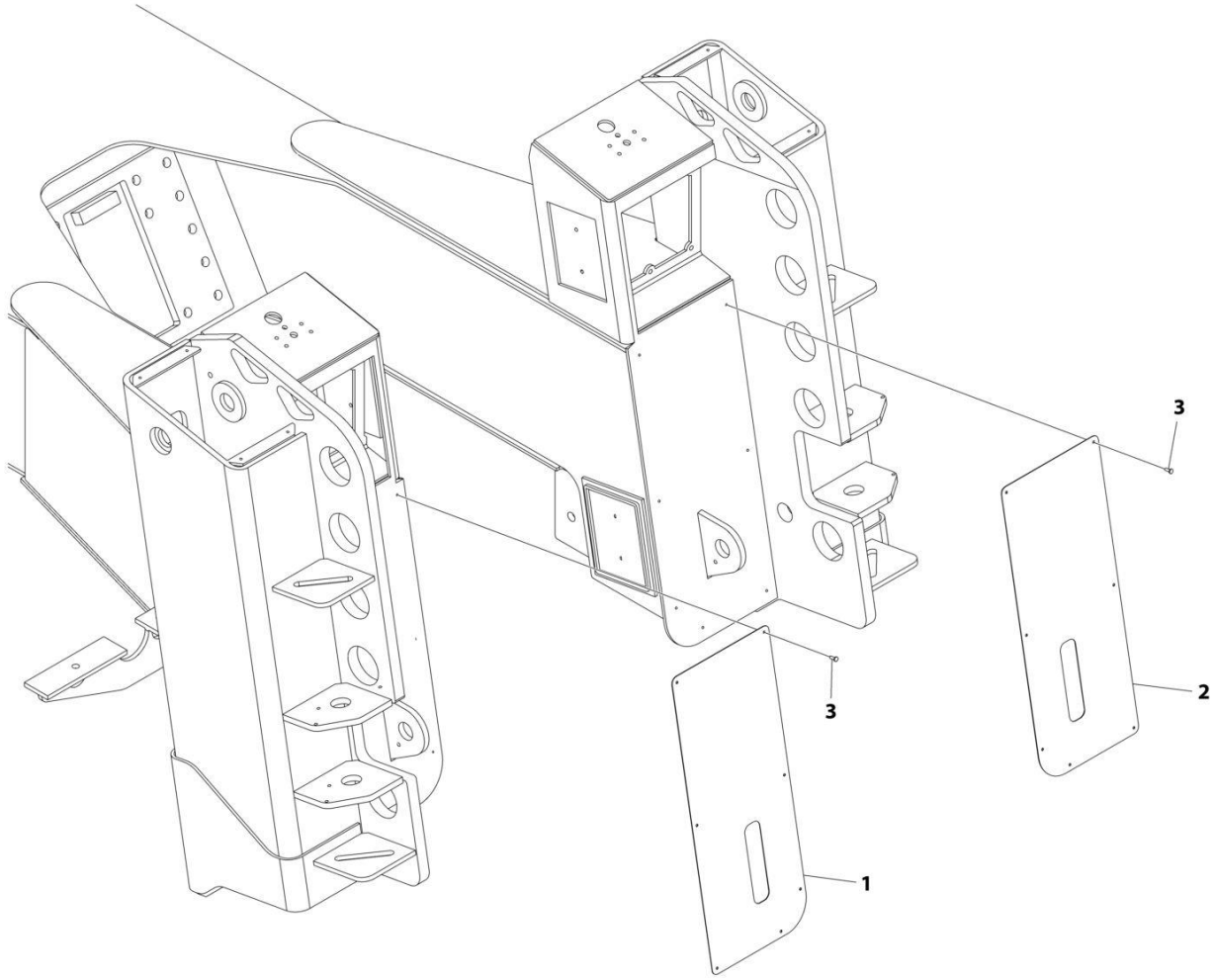


FIGURE 1-17. TAILBOARDS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129901	Ref	Tailboards Installation	
1	1001129885	1	Plate, Tailboard LH	
2	1001129886	1	Plate, Tailboard RH	
3	7759000018	14	Rivet	

SECTION 2 - BOOM

FIGURE 2-1. WRECKER BOOM INSTALLATION - 3 PIECE

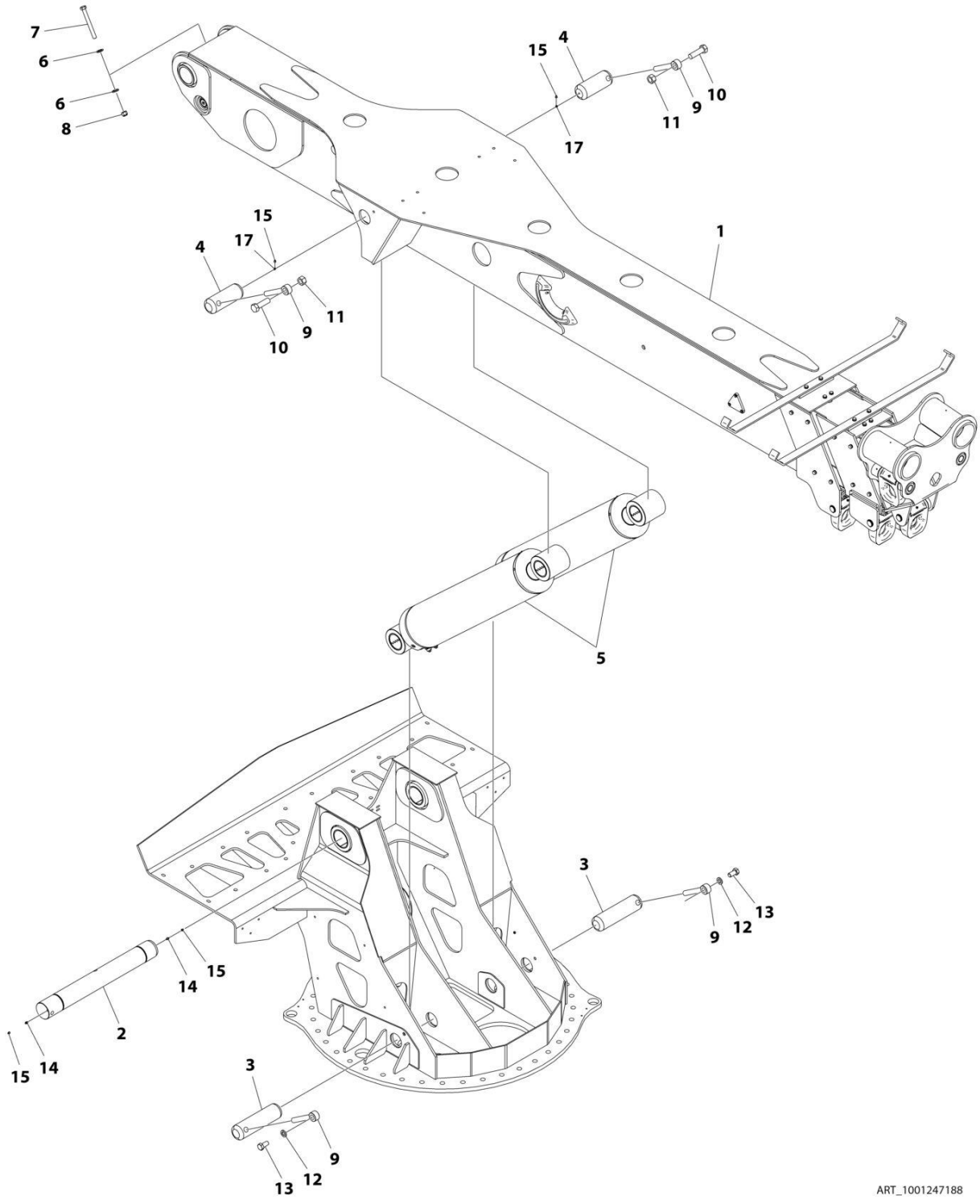


FIGURE 2-1. WRECKER BOOM INSTALLATION - 3 PIECE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247188	Ref	Wrecker Boom Installation - 3 Piece	A
1	1001247290	1	Boom Assembly, 3 Piece (See Separate Breakdown in this Section)	
2	4691000556	1	Pin	
3	1001246015	2	Pin	
4	1001246076	2	Pin	
5	1001231530	2	Lift Cylinder Assembly (See Separate Breakdown in this Section)	
6	4712200	2	Washer 3/4	
7	7118225650	1	Capscrew 3/4 x 7	
8	7660222601	1	Nut 3/4	
9	3841356	4	Rod, keeper	
10	0682622	2	Capscrew 1 x 2-3/4	
11	3272605	2	Nut	
12	4762600	2	Washer	
13	0682620	2	Capscrew 1 x 2-1/2	
14	7440000000	2	Grease Fitting	
15	7253000002	4	Cap, Grease Fitting	
16	1001172491	1	Strap Cable (Not Shown)	
17	88671027	2	Grease Fitting	

FIGURE 2-2. WRECKER BOOM ASSEMBLY

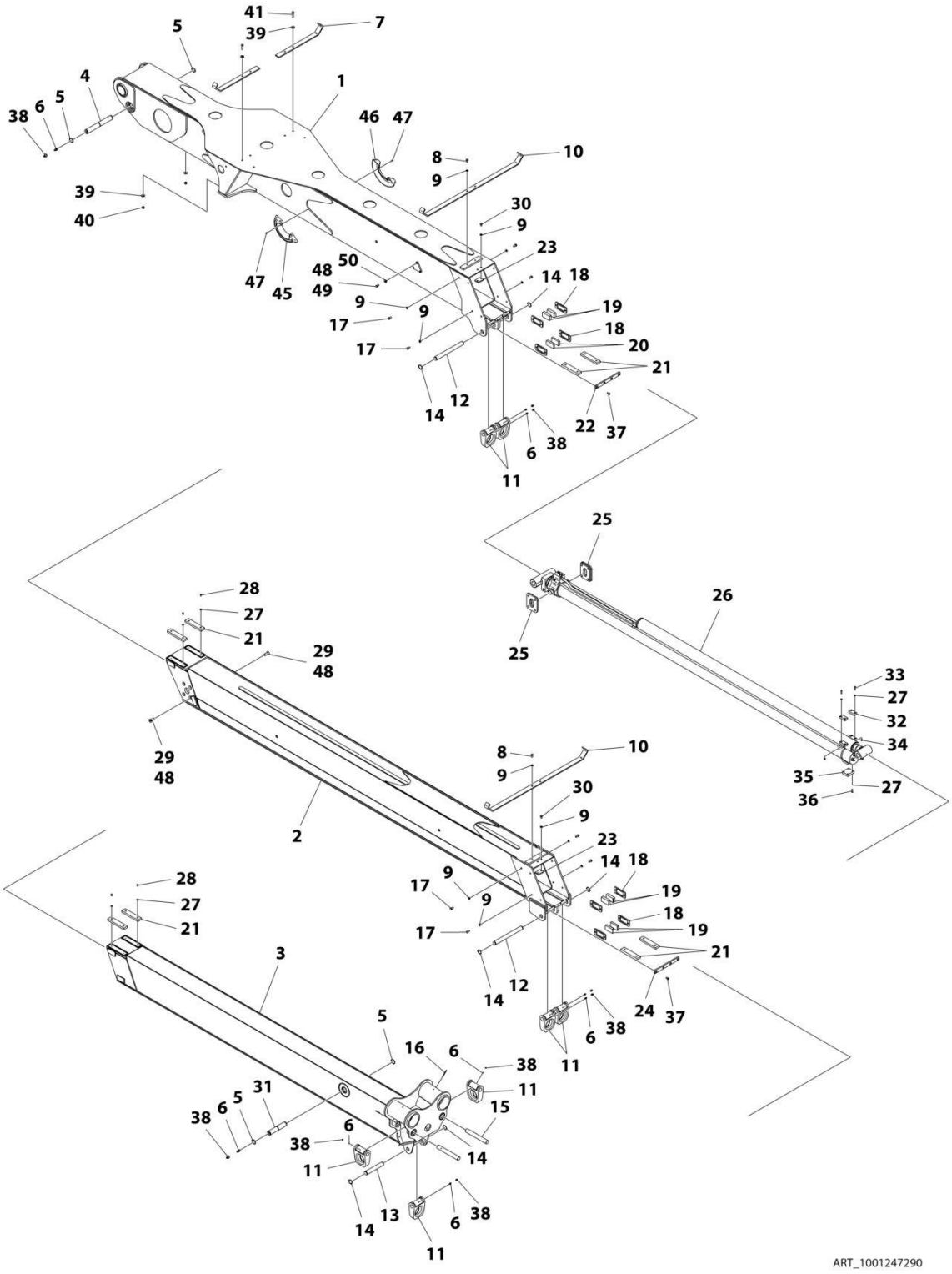


FIGURE 2-2. WRECKER BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247290	Ref	WRECKER BOOM ASSEMBLY	A
1	1001247320	1	Boom Weldment, Base Section	
2	1001127841	1	Boom Weldment, Mid Section	
3	1001127836	1	Boom Weldment, Fly Section	
4	4691000417	1	Pin	
5	7754000055	4	Retaining Ring	
6	88671008	9	Grease Fitting	
7	4062000522	2	Bar	
8	0641808	4	Bolt 1/2 x 1	
9	4761800	24	Washer 19/32	
10	4062000589	2	Bar	
11	4754000004	7	D-Ring	
12	1001129006	2	Pin	
13	1001129393	1	Pin	
14	7754000033	6	Retaining Ring	
15	4691000285	2	Pin	
16	7690144840	2	Pin, Spring	
17	7108180850	16	Bolt 1/2 x 1	
18	4178000811	8	Bracket	
19	4679000314	6	Pad	
20	4679000313	2	Pad	
21	4679000140	8	Pad	
22	1001129004	1	Plate	
23	4062000715	2	Bar	
24	1001129005	1	Plate	
25	3706000241	2	Plate Weldment	
26	7320000085	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
27	4761400	16	Washer 1/4	
28	7118140427	8	Bolt 1/4 x 1/2	
29	7120000040	8	Bolt 3/4 x 2	
30	0641806	4	Bolt 1/2 x 3/4	
31	4691000416	1	Pin	
32	4679000319	2	Pad	
33	7114141218	4	Bolt 1/4 x 1-1/2	
34	7660142601	4	Nut 1/4	
35	4679000326	1	Pad	
36	7114140818	4	Bolt 1/4 x 1	
37	7118180820	8	Bolt 1/2 x 1	
38	7253000002	9	Grease Fitting Cap	
39	4751800	4	Washer 1/2	
40	7660182601	4	Nut 1/2	
41	7115181423	4	Capscrew 1/2 x 1-3/4	
43	1001131198	1	Decal (Not Shown)	
44	1001151805	2	Decal (Not Shown)	
45	7470000014	1	Gauge, Angle Indicator - LH	
46	7470000019	1	Gauge, Angle Indicator - RH	
47	7114100418	4	Capscrew #10 x 1/2	
48	1001095650	AR	Compound locking	
49	0641404	3	Bolt 1/4 x 1/2	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	4711400	3	Washer 1/4	

FIGURE 2-3. WRECKER BOOM INSTALLATION - 3 PIECE (WITH AUXILIARY WINCH)

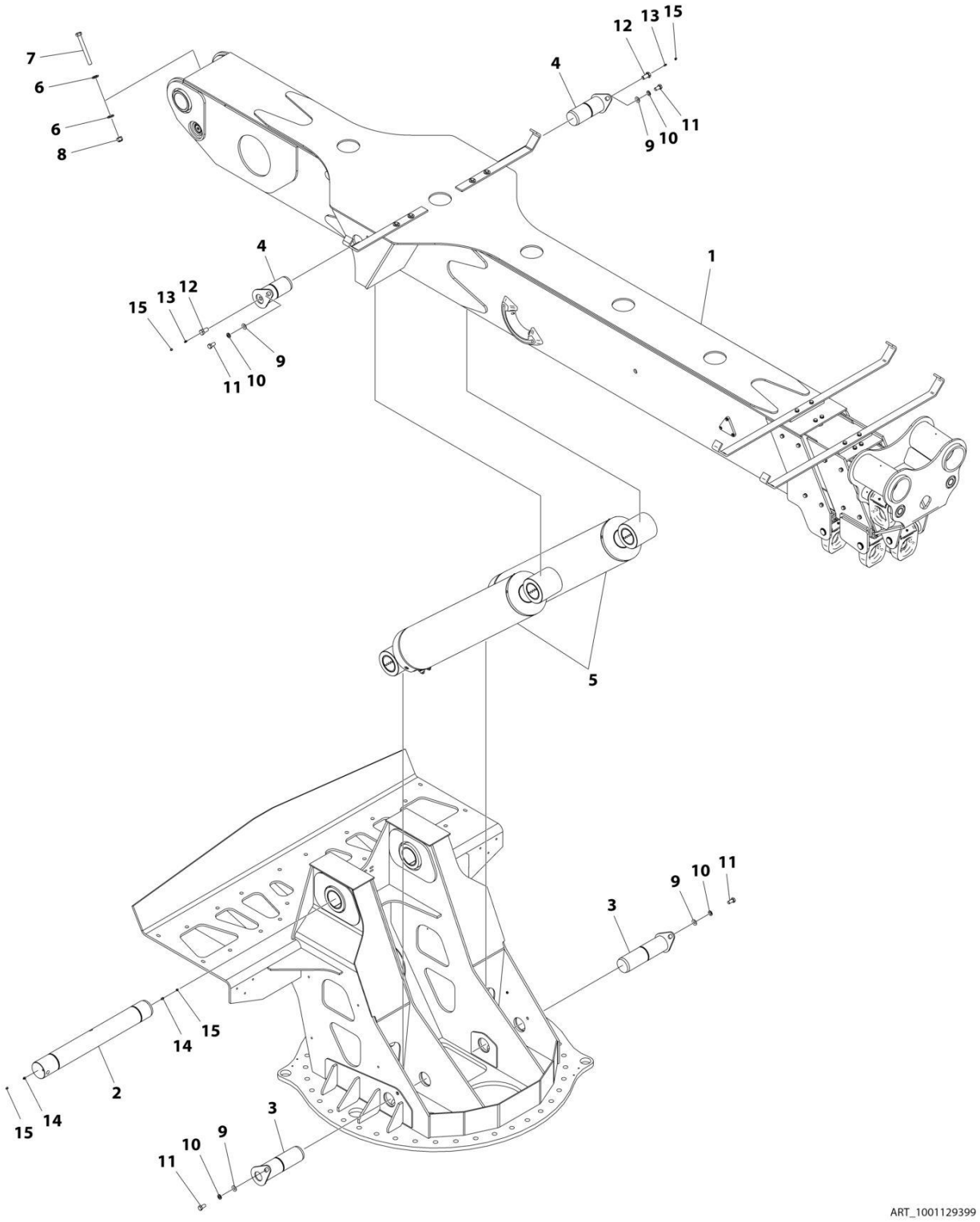


FIGURE 2-3. WRECKER BOOM INSTALLATION - 3 PIECE (WITH AUXILIARY WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129399	NLA	WRECKER BOOM INSTALLATION - 3 PIECE WITH AUXILIARY WINCH (no longer available, see items 1 through 16 for service or 1001247188 for replacement)	H
1	1001128463	1	Boom Assembly, 3 Piece (See Separate Breakdown in this Section)	
2	4691000556	1	Pin	
3	1001128283	2	Pin	
4	3691000252	2	Pin	
5	1001231530	2	Lift Cylinder Assembly (See Separate Breakdown in Section)	
6	4712200	2	Washer 3/4	
7	7118225650	1	Capscrew 3/4 x 7	
8	7660222601	1	Nut 3/4	
9	4712000	4	Washer 5/8 x 1-1/4	
10	7950200000	4	Washer 5/8	
11	0642010	4	Bolt 5/8 x 1-1/4	
12	4120000021	2	Capscrew 3/4 x 1-1/2	
13	88671008	2	Grease Fitting	
14	7440000000	2	Grease Fitting	
15	7253000002	4	Cap, Grease Fitting	
16	1001172491	1	Strap Cable (Not Shown)	

FIGURE 2-4. WRECKER BOOM ASSEMBLY (WITH AUXILIARY WINCH)

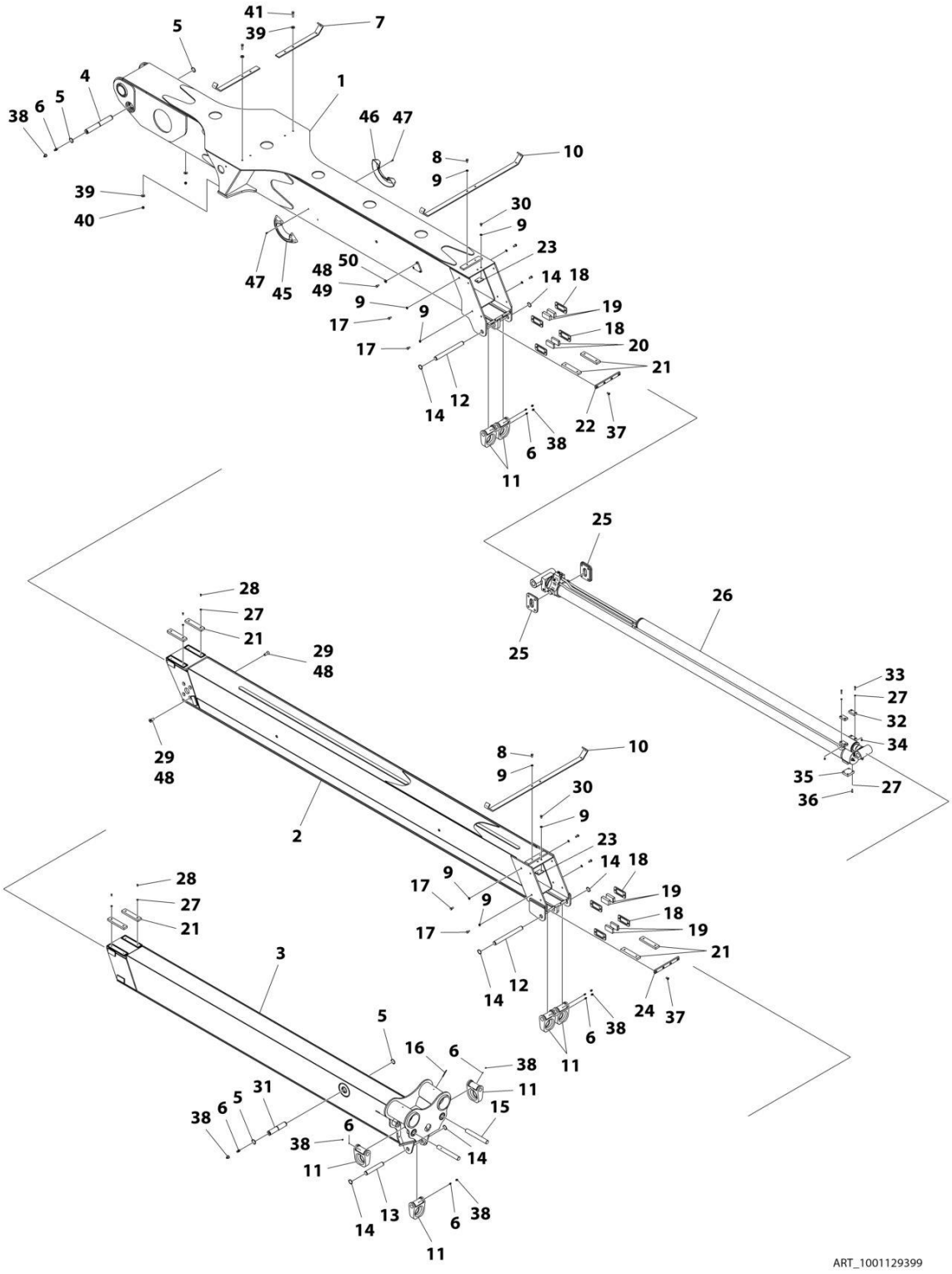


FIGURE 2-4. WRECKER BOOM ASSEMBLY (WITH AUXILIARY WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001128463	NLA	WRECKER BOOM ASSEMBLY - WITH AUXILIARY WINCH (no longer available, see items 1 through 50 for service or 1001247290 for replacement)	M
1	1001127853	1	Boom Weldment, Base Section	
2	1001127841	1	Boom Weldment, Mid Section	
3	1001127836	1	Boom Weldment, Fly Section	
4	4691000417	1	Pin	
5	7754000055	4	Retaining Ring	
6	88671008	9	Grease Fitting	
7	4062000522	2	Bar	
8	0641808	4	Bolt 1/2 x 1	
9	4761800	24	Washer 19/32	
10	4062000589	2	Bar	
11	4754000004	7	D-Ring	
12	1001129006	2	Pin	
13	1001129393	1	Pin	
14	7754000033	6	Retaining Ring	
15	4691000285	2	Pin	
16	7690144840	2	Pin, Spring	
17	7108180850	16	Bolt 1/2 x 1	
18	4178000811	8	Bracket	
19	4679000314	6	Pad	
20	4679000313	2	Pad	
21	4679000140	8	Pad	
22	1001129004	1	Plate	
23	4062000715	2	Bar	
24	1001129005	1	Plate	
25	3706000241	2	Plate Weldment	
26	7320000085	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
27	4761400	16	Washer 1/4	
28	7118140427	8	Bolt 1/4 x 1/2	
29	7120000040	8	Bolt 3/4 x 2	
30	0641806	4	Bolt 1/2 x 3/4	
31	4691000416	1	Pin	
32	4679000319	2	Pad	
33	7114141218	4	Bolt 1/4 x 1-1/2	
34	7660142601	4	Nut 1/4	
35	4679000326	1	Pad	
36	7114140818	4	Bolt 1/4 x 1	
37	7118180820	8	Bolt 1/2 x 1	
38	7253000002	9	Grease Fitting Cap	
39	4751800	4	Washer 1/2	
40	7660182601	4	Nut 1/2	
41	7115181423	4	Capscrew 1/2 x 1-3/4	
43	1001131198	1	Decal (Not Shown)	
44	1001151805	2	Decal (Not Shown)	
45	7470000014	1	Gauge, Angle Indicator - LH	
46	7470000019	1	Gauge, Angle Indicator - RH	
47	7114100418	4	Capscrew #10 x 1/2	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	1001095650	AR	Compound locking	
49	0641404	3	Bolt 1/4 x 1/2	
50	4711400	3	Washer 1/4	

FIGURE 2-5. WRECKER BOOM INSTALLATION - 3 PIECE WITH AUXILIARY WINCHES

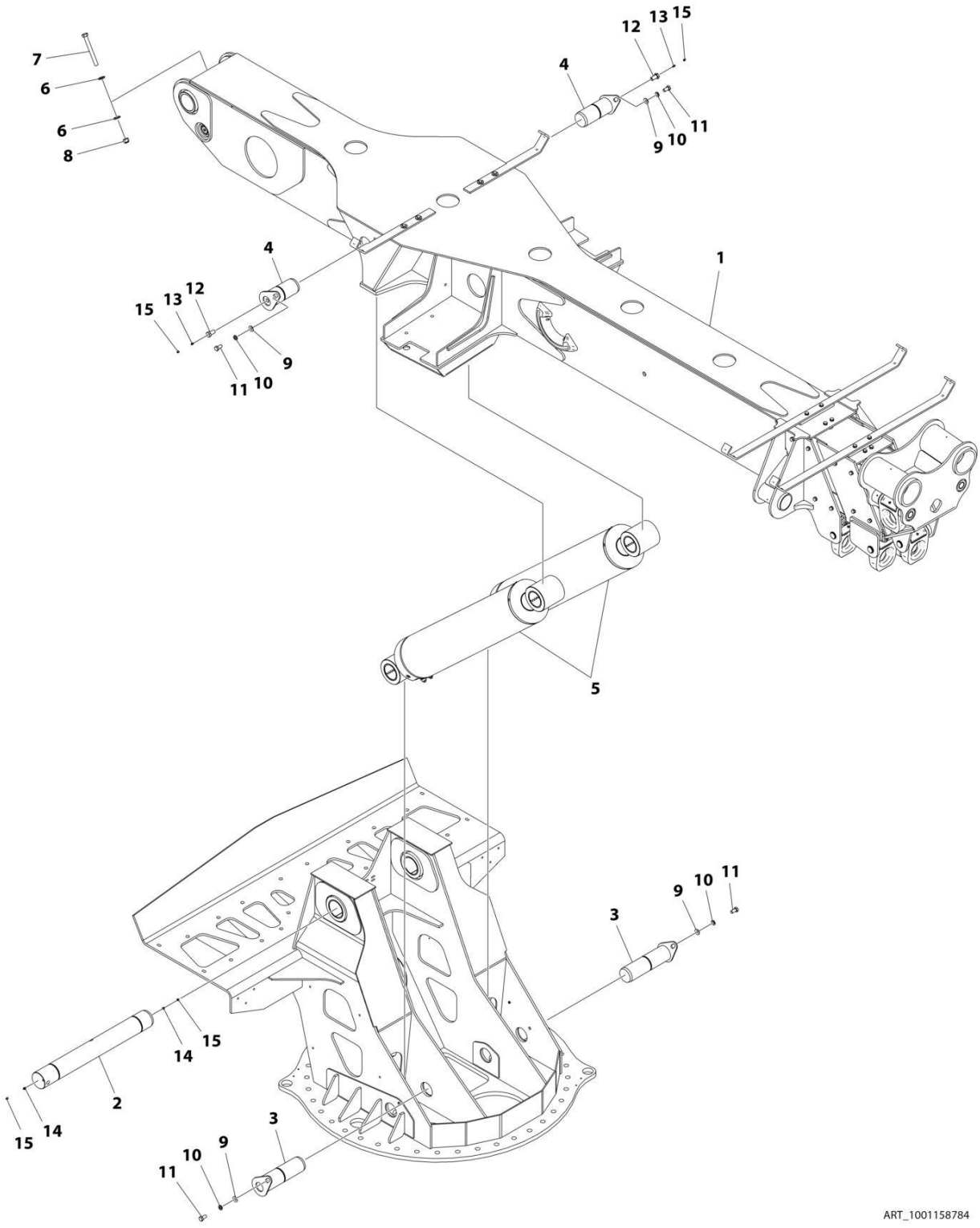


FIGURE 2-5. WRECKER BOOM INSTALLATION - 3 PIECE WITH AUXILIARY WINCHES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158784	NLA	WRECKER BOOM INSTALLATION - 3 PIECE WITH AUXILIARY WINCHES (no longer available, see items 1 through 16 for service or 1001247187 for replacement)	G
1	1001158540	1	Boom Assembly, 3 Piece (See Separate Breakdown in this Section)	
2	4691000556	1	Pin	
3	1001128283	2	Pin	
4	3691000252	2	Pin	
5	1001231530	2	Lift Cylinder Assembly (See Separate Breakdown in this Section)	
6	4712200	2	Washer 3/4	
7	7118225650	1	Bolt 3/4 x 7	
8	7660222601	1	Nut 3/4	
9	4712000	4	Washer 5/8	
10	7950200000	4	Washer 5/8	
11	0642010	4	Bolt 5/8 x 1-1/4	
12	4120000021	2	Capscrew 3/4 x 1-1/2	
13	88671008	2	Grease Fitting	
14	7440000000	2	Grease Fitting	
15	7253000002	4	Grease Fitting Cap	
16	1001172491	1	Strap Cable (Not Shown)	

FIGURE 2-6. WRECKER BOOM ASSEMBLY WITH AUXILIARY WINCH

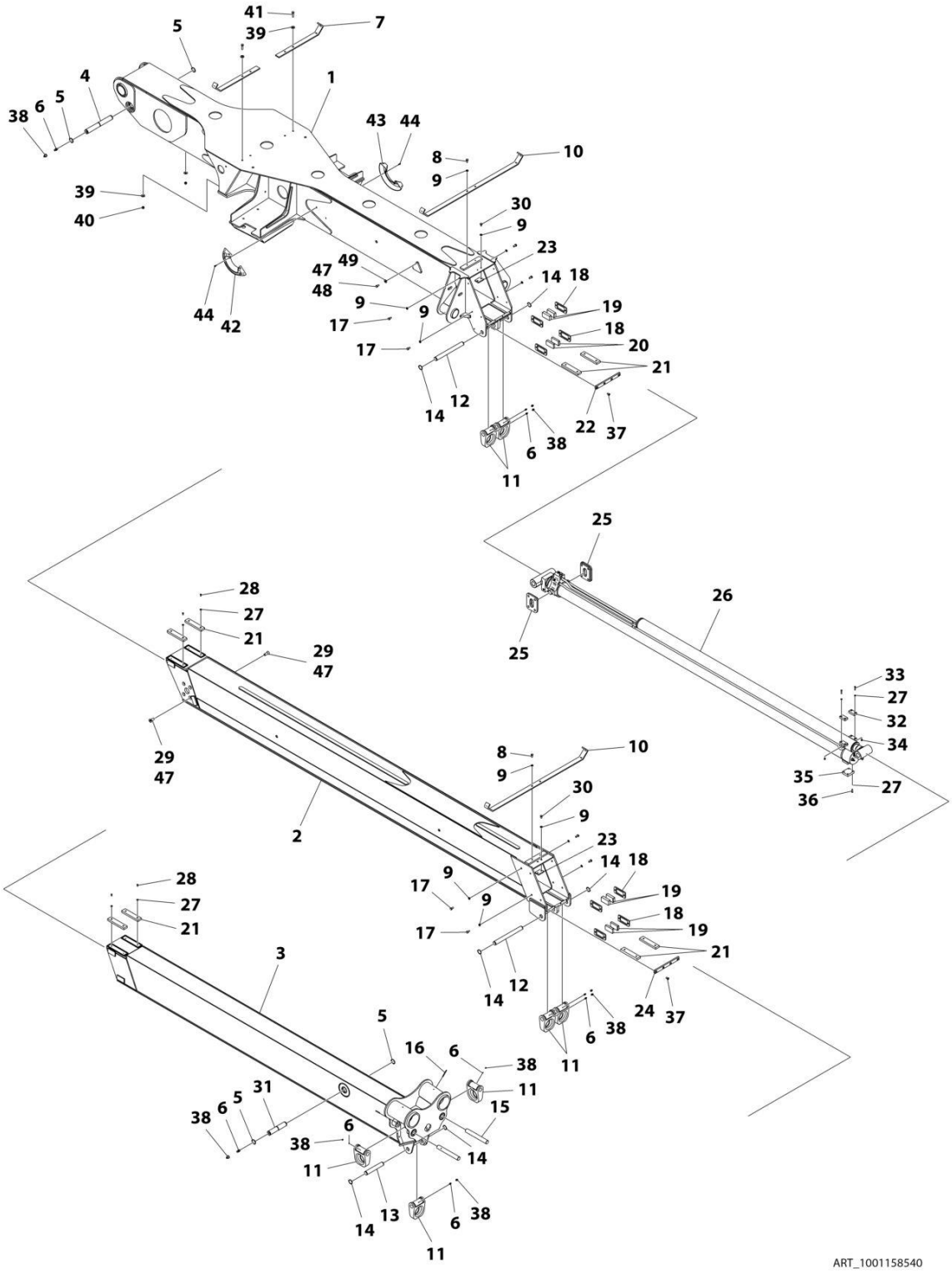


FIGURE 2-6. WRECKER BOOM ASSEMBLY WITH AUXILIARY WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158540	NLA	WRECKER BOOM ASSEMBLY - WITH AUXILIARY WINCH (no longer available, see items 1 through 49 for service or 1001247289 for replacement)	I
1	1001158448	1	Boom Weldment, Base Section	
2	1001127841	1	Boom Weldment, Mid Section	
3	1001127836	1	Boom Weldment, Fly Section	
4	4691000417	1	Pin	
5	7754000055	4	Retaining Ring	
6	88671008	9	Grease Fitting	
7	4062000522	2	Bar	
8	0641808	4	Bolt 1/2 x 1	
9	4761800	24	Washer 1/2	
10	4062000589	2	Bar	
11	4754000004	7	D-Ring	
12	1001129006	2	Pin	
3	1001129393	1	Pin	
14	7754000033	6	Retaining Ring	
15	4691000285	2	Pin	
16	7690144840	2	Pin, Spring	
17	7108180850	16	Bolt 1/2 x 1	
18	4178000811	8	Bracket	
19	4679000314	6	Pad	
20	4679000313	2	Pad	
21	4679000140	8	Pad	
22	1001129004	1	Plate	
23	4062000715	2	Bar	
24	1001129005	1	Plate	
25	3706000241	2	Plate Weldment	
26	7320000085	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
27	4761400	16	Washer 1/4	
28	7118140427	8	Bolt 1/4 x 1/2	
29	7120000040	8	Bolt 3/4 x 2	
30	0641806	4	Bolt 1/2 x 3/4	
31	4691000416	1	Pin	
32	4679000319	2	Pad	
33	7114141218	4	Capscrew 1/4 x 1-1/2	
34	7660142601	4	Nut 1/4	
35	4679000326	1	Pad	
36	7114140818	4	Bolt 1/4 x 1	
37	7118180820	8	Bolt 1/2 x 1	
38	7253000002	9	Grease Fitting Cap	
39	4751800	4	Washer 1/2	
40	7660182601	4	Nut 1/2	
41	7115181423	4	Capscrew 1/2 x 1	
42	7470000014	1	Gauge, Angle Indicator - LH	
43	7470000019	1	Gauge, Angle Indicator - RH	
44	7114100418	4	Capscrew	
45	1001151805	2	Decal (Not Shown)	
46	1001131198	1	Decal (Not Shown)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	1001095650	AR	Compound locking	
48	0641404	3	Bolt 1/4 x 1/2	
49	4711400	3	Washer 1/4	

FIGURE 2-7. WRECKER BOOM INSTALLATION - 3 PIECE WITH AUXILIARY WINCHES

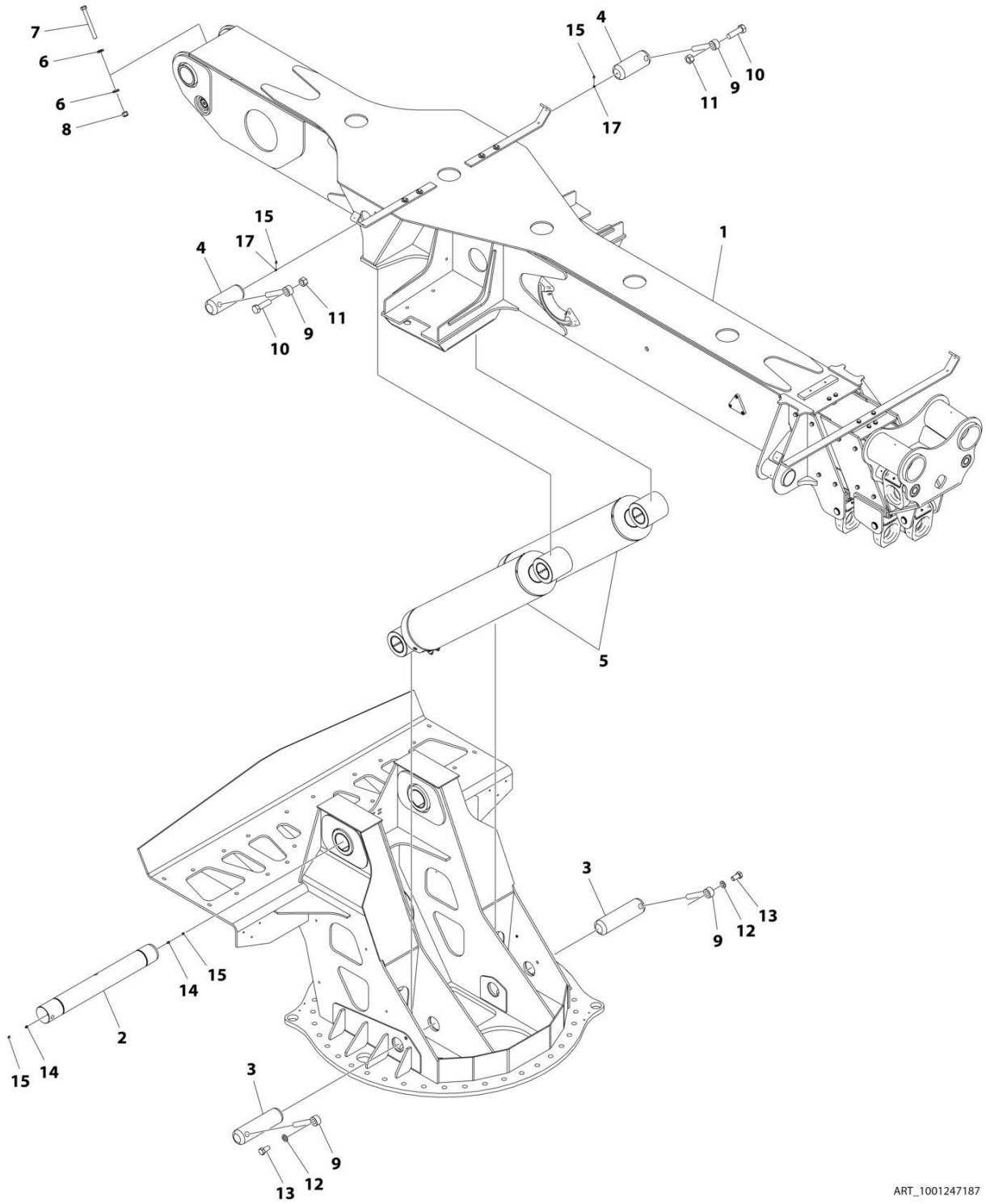


FIGURE 2-7. WRECKER BOOM INSTALLATION - 3 PIECE WITH AUXILIARY WINCHES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247187	Ref	Wrecker Boom Installation - 3 Piece With Auxiliary Winches	A
1	1001247289	1	Boom Assembly, 3 Piece (See Separate Breakdown in this Section)	
1	4691000556	1	Pin	
2	1001246015	1	Pin	
2	1001246076	1	Pin	
5	1001231530	2	Lift Cylinder Assembly (See Separate Breakdown in this Section)	
6	4712200	2	Washer 3/4	
7	7118225650	1	Bolt 3/4 x 7	
8	7660222601	1	Nut 3/4	
9	3841356	4	Rod, Keeper	
10	0682622	2	Capscrew 1 x 2-3/4	
11	3272605	2	Nut	
12	4762600	2	Washer	
13	0682620	2	Capscrew 1 x 2-1/2	
14	7440000000	2	Grease Fitting	
15	7253000002	4	Grease Fitting Cap	
16	1001172491	1	Strap Cable (Not Shown)	
17	88671027	2	Grease Fitting	

FIGURE 2-8. WRECKER BOOM ASSEMBLY WITH AUXILIARY WINCH

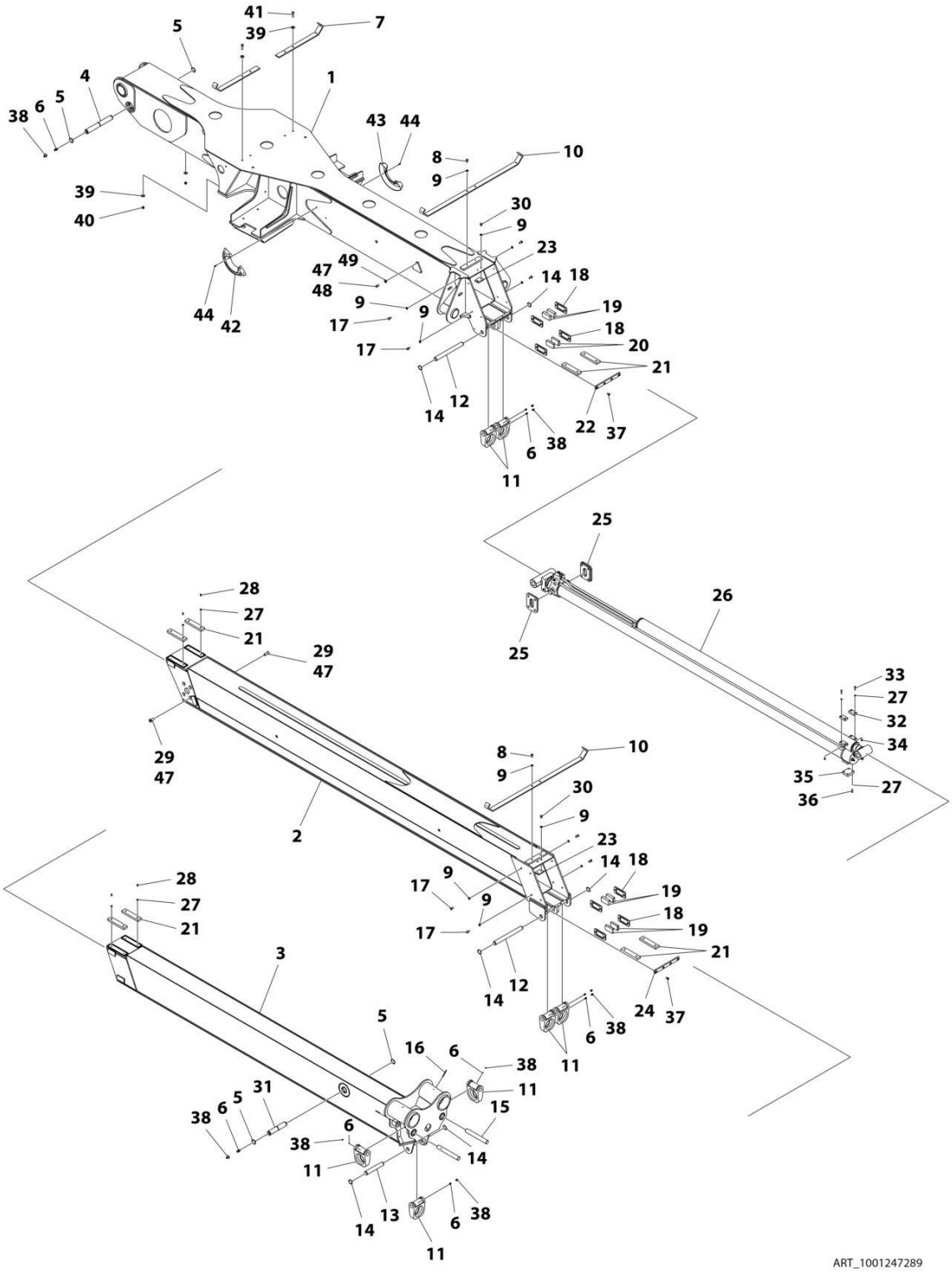


FIGURE 2-8. WRECKER BOOM ASSEMBLY WITH AUXILIARY WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247289	Ref	WRECKER BOOM ASSEMBLY - WITH AUXILIARY WINCH	A
1	1001247318	1	Boom Weldment, Base Section	
2	1001127841	1	Boom Weldment, Mid Section	
3	1001127836	1	Boom Weldment, Fly Section	
4	4691000417	1	Pin	
5	7754000055	4	Retaining Ring	
6	88671008	9	Grease Fitting	
7	4062000522	2	Bar	
8	0641808	4	Bolt 1/2 x 1	
9	4761800	24	Washer 1/2	
10	4062000589	2	Bar	
11	4754000004	7	D-Ring	
12	1001129006	2	Pin	
3	1001129393	1	Pin	
14	7754000033	6	Retaining Ring	
15	4691000285	2	Pin	
16	7690144840	2	Pin, Spring	
17	7108180850	16	Bolt 1/2 x 1	
18	4178000811	8	Bracket	
19	4679000314	6	Pad	
20	4679000313	2	Pad	
21	4679000140	8	Pad	
22	1001129004	1	Plate	
23	4062000715	2	Bar	
24	1001129005	1	Plate	
25	3706000241	2	Plate Weldment	
26	7320000085	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
27	4761400	16	Washer 1/4	
28	7118140427	8	Bolt 1/4 x 1/2	
29	7120000040	8	Bolt 3/4 x 2	
30	0641806	4	Bolt 1/2 x 3/4	
31	4691000416	1	Pin	
32	4679000319	2	Pad	
33	7114141218	4	Bolt 1/4 x 1-1/2	
34	7660142601	4	Nut 1/4	
35	4679000326	1	Pad	
36	7114140818	4	Bolt 1/4 x 1	
37	7118180820	8	Bolt 1/2 x 1	
38	7253000002	9	Grease Fitting Cap	
39	4751800	4	Washer 1/2	
40	7660182601	4	Nut 1/2	
41	7115181423	4	Capscrew 1/2 x 1	
42	7470000014	1	Gauge, Angle Indicator - LH	
43	7470000019	1	Gauge, Angle Indicator - RH	
44	7114100418	4	Capscrew #10 x 1/2	
45	1001151805	2	Decal (Not Shown)	
46	1001131198	1	Decal (Not Shown)	
47	1001095650	AR	Compound locking	
48	0641404	3	Bolt 1/4 x 1/2	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	4711400	3	Washer 1/4	

FIGURE 2-9. WRECKER BOOM LIFT CYLINDER

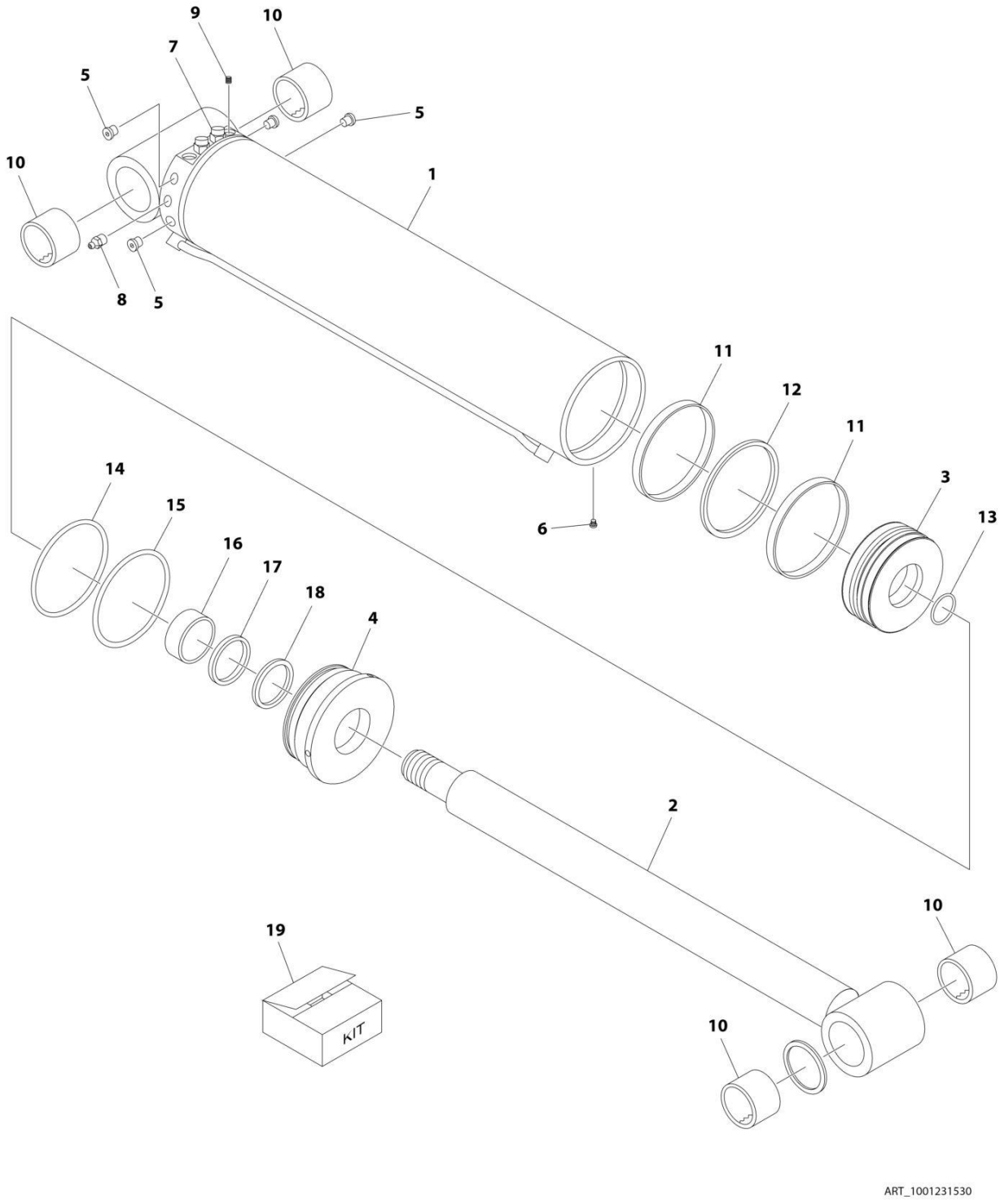


FIGURE 2-9. WRECKER BOOM LIFT CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231530	REf	Wrecker Boom Lift Cylinder	A
1	70050403	1	Barrel Assembly	
2	70050404	1	Rod Assembly	
3	70050411	1	Piston	
4	70050416	1	Rod Bearing	
5	70022067	4	Steel SAE O-Ring Plug #4	
6	7029760	1	Screw	
7	70050407	2	Counterbalance Valve	
8	70050408	1	Grease Fitting	
9	70050409	1	Set Screw	
10	70050410	4	Connex Bushing	
11	70050415	2	Wear Ring, Piston	
12	70050413	1	Rectangular Piston Seal	
13	91034041	1	O-Ring	
14	70050420	1	O-Ring	
15	70050421	1	Backup Ring	
16	70050423	1	Wear Ring Rod	
17	70050422	1	Rod Seal	
18	70050419	1	Seal Wiper	
19	70050412	1	Seal Kit	

FIGURE 2-10. WRECKER BOOM EXTENSION CYLINDER

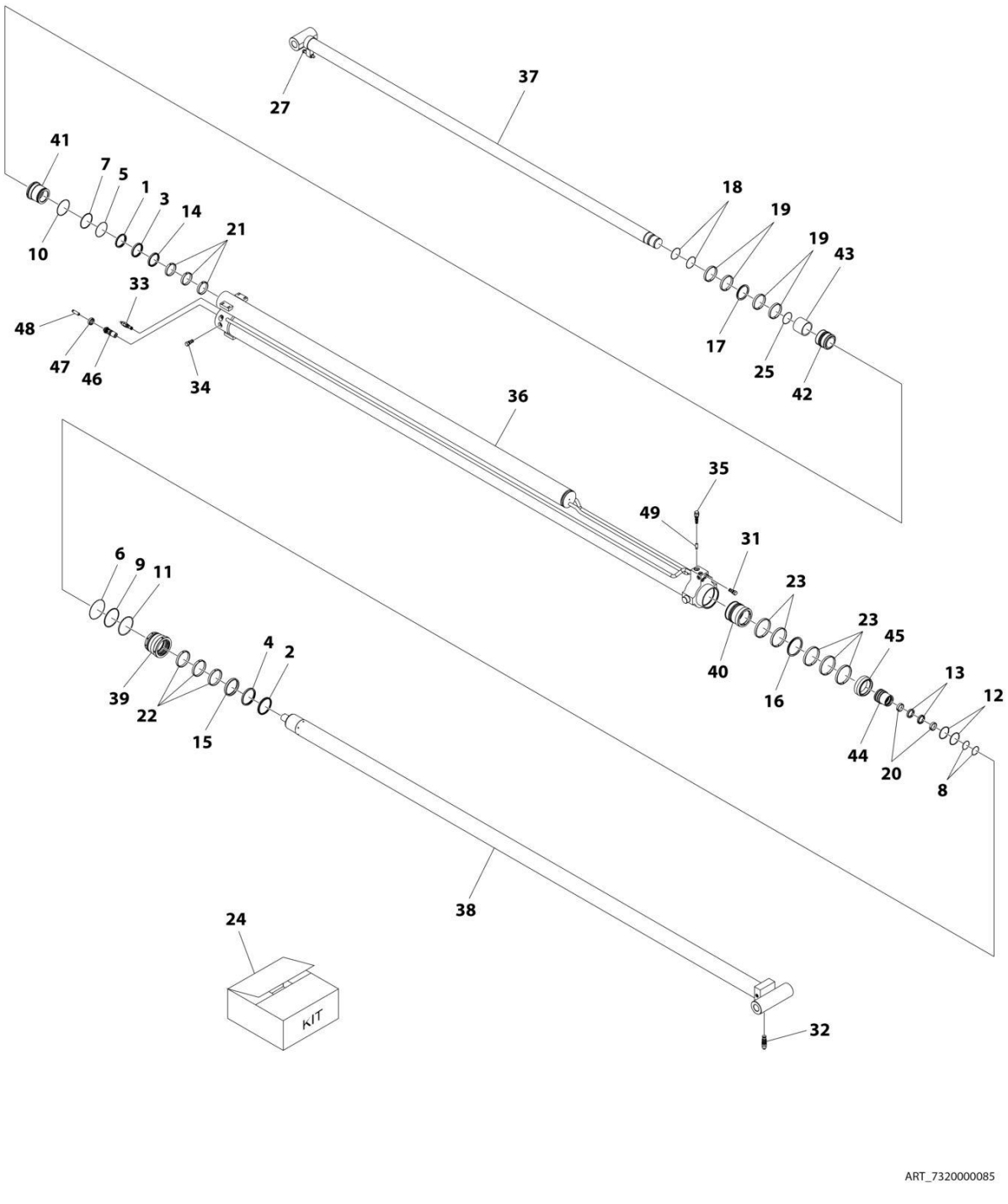


FIGURE 2-10. WRECKER BOOM EXTENSION CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000085	Ref	Wrecker Boom Extension Cylinder	C
1	83304143	1	Seal, Wiper	
2	9796250084	1	Seal, Wiper	
3	9796250071	1	Seal	
4	70050556	1	Seal	
5	70050557	1	Seal, O-Ring	
6	70050558	1	Seal, O-Ring	
7	9754250009	1	Ring, Back-up	
8	70050559	2	Seal, O-Ring	
9	9754250054	1	Ring, Back-up	
10	9796250058	1	Seal, O-Ring	
11	9796250149	1	Seal, O-Ring	
12	70050560	2	Seal, O-Ring	
13	70050561	2	Seal	
14	70050562	1	Seal	
15	70050563	1	Seal	
16	70050564	1	Seal	
17	70050565	1	Seal	
18	70050566	2	Seal, O-Ring	
19	9754250014	4	Ring, Wear	
20	83304181	2	Ring, Wear	
21	83304140	3	Ring, Wear	
22	70050568	3	Ring, Wear	
23	9754250055	5	Ring, Wear	
24	70050569	1	Kit, Seal	
25	70050570	1	Seal, O-Ring	
26	70021774	4	Setscrew (Not Shown)	
27	70050572	2	Nut	
28	7005365	2	Plug, Port (Not Shown)	
29	70021648	4	Plug, Port (Not Shown)	
30	7023593	5	Plug, Port (Not Shown)	
31	70050574	1	Valve, Check	
32	70050575	1	Valve, Counterbalance	
33	70050576	1	Valve, Relief	
34	70050577	1	Valve, Check	
35	70050578	1	Valve, Directional	
36	70050579	1	Assembly, Tube	
37	70050580	1	Assembly, Rod-Tube	
38	70050581	1	Assembly, Rod-Tube	
39	70050582	1	Head	
40	70050583	1	Piston	
41	70050584	1	Head	
42	70050585	1	Piston	
43	70050586	1	Spacer	
44	70050587	1	Adapter, RT	
45	70050588	1	Spacer	
46	70050589	1	Assembly, Valve	
47	70050590	1	Valve Retainer	
48	70050591	1	Valve Retainer	
49	70050592	1	Plunger	

FIGURE 2-11. WRECKER BOOM D-RING RETAINERS INSTALLATION

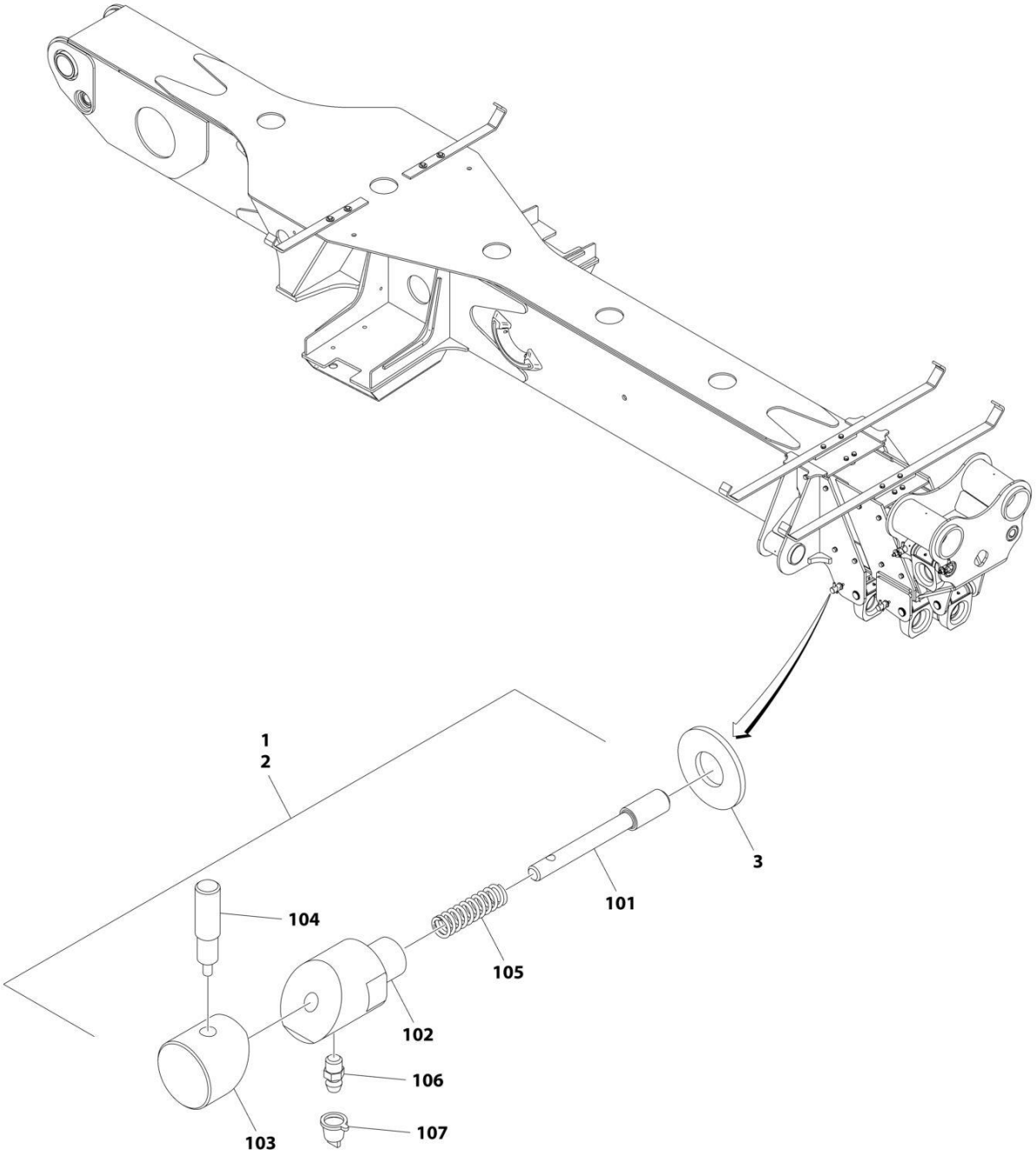


FIGURE 2-11. WRECKER BOOM D-RING RETAINERS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225359	Ref	WRECKER BOOM D-RING RETAINERS INSTALLATION	B
1	0100011	AR	Compound locking	
2	1001153950	4	Threaded Cam-Lock (includes items 101 through 107)	
3	7950200141	4	Washer 5/8	
101	1001153944	2	Pin	
102	1001153945	2	Cam-Lock Tube	
103	1001153946	2	Cam-Lock Cap	
104	1001153947	2	Handle	
105	1001153971	1	Spring	
106	7440030000	2	Fitting, Grease	
107	7253000002	2	Cap, Grease	

FIGURE 2-12. WRECKER BOOM VANITY PLATES JERR-DAN INSTALLATION (SN 0230005335 through 0230006791)

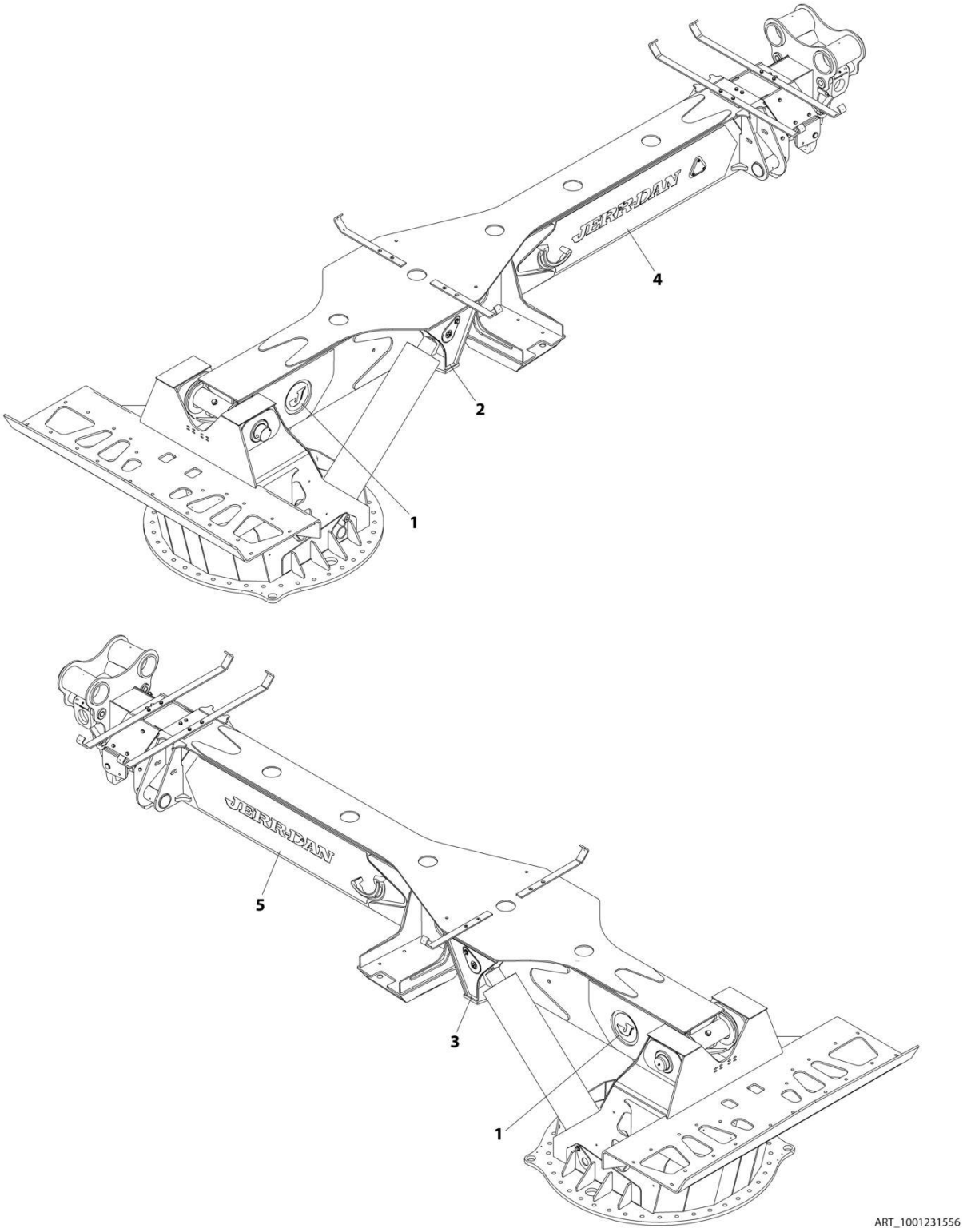


FIGURE 2-12. WRECKER BOOM VANITY PLATES JERR-DAN INSTALLATION (SN 0230005335 through 0230006791)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231556	Ref	Wrecker Boom Vanity Plates Jerr-Dan Installation	C
1	1001231547	2	Plate, Circle J Boom Vanity	
2	1001231548	1	Plate, Lift Cyl Boom Vanity LH	
3	1001231549	1	Plate, Lift Cyl Boom Vanity RH	
4	1001234072	1	Plate, Boom Side Vanity LH JD	
5	1001234073	1	Plate, Boom Side Vanity RH JD	
6	8892040001	14 ft	Tape (Not Shown)	

FIGURE 2-13. WRECKER BOOM VANITY PLATES JERR-DAN INSTALLATION (SN 0230006791 to Present)

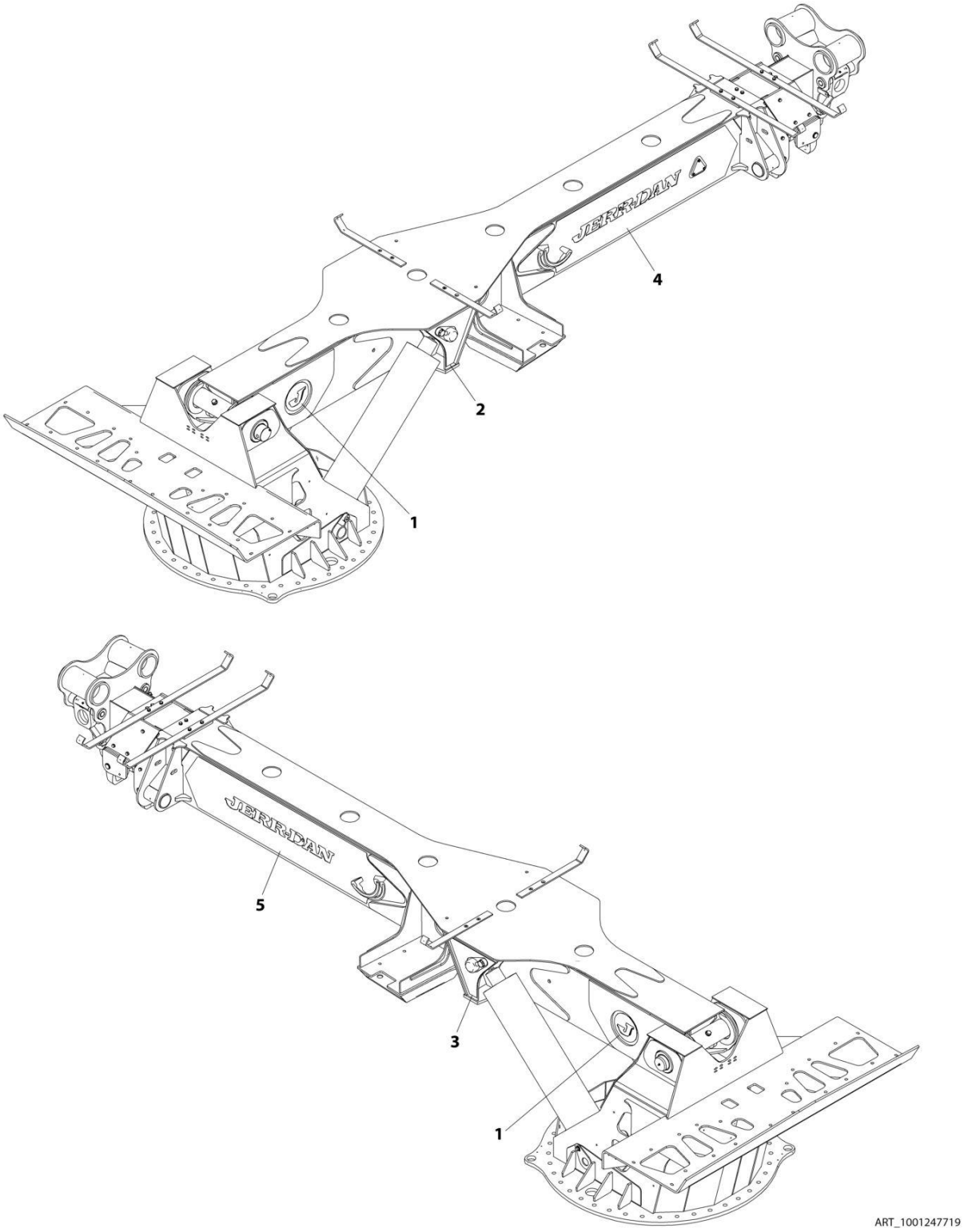


FIGURE 2-13. WRECKER BOOM VANITY PLATES JERR-DAN INSTALLATION (SN 0230006791 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247719	Ref	Wrecker Boom Vanity Plates Jerr-Dan Installation	A
1	1001231547	2	Plate, Circle J Boom Vanity	
2	1001247717	1	Plate, Lift Cyl Boom Vanity LH	
3	1001247718	1	Plate, Lift Cyl Boom Vanity RH	
4	1001234072	1	Plate, Boom Side Vanity LH JD	
5	1001234073	1	Plate, Boom Side Vanity RH JD	
6	8892040001	14 ft	Tape (Not Shown)	

FIGURE 2-14. WRECKER BOOM VANITY PLATES BLANK INSTALLATION (SN 0230005335 through 0230006791)

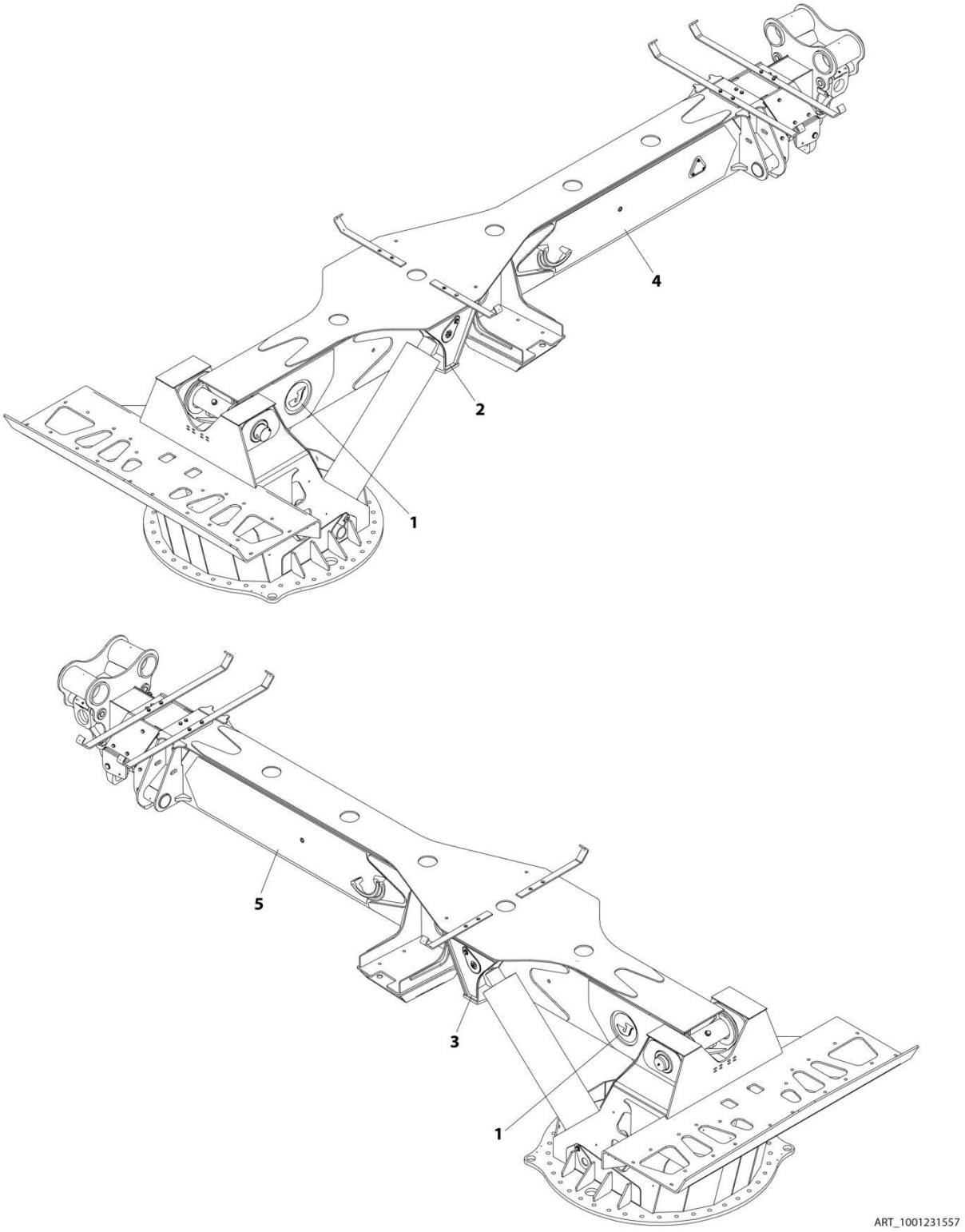


FIGURE 2-14. WRECKER BOOM VANITY PLATES BLANK INSTALLATION (SN 0230005335 through 0230006791)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231557	Ref	Wrecker Boom Vanity Plates Blank Installation	C
1	1001231547	2	Plate, Circle J Boom Vanity	
2	1001231548	1	Plate, Lift Cyl Boom Vanity LH	
3	1001231549	1	Plate, Lift Cyl Boom Vanity RH	
4	1001234074	1	Plate, Boom Side Vanity LH Blank	
5	1001234097	1	Plate, Boom Side Vanity RH Blank	
6	8892040001	14 ft	Tape (Not Shown)	

FIGURE 2-15. WRECKER BOOM VANITY PLATES BLANK INSTALLATION (SN 0230006791 to Present)

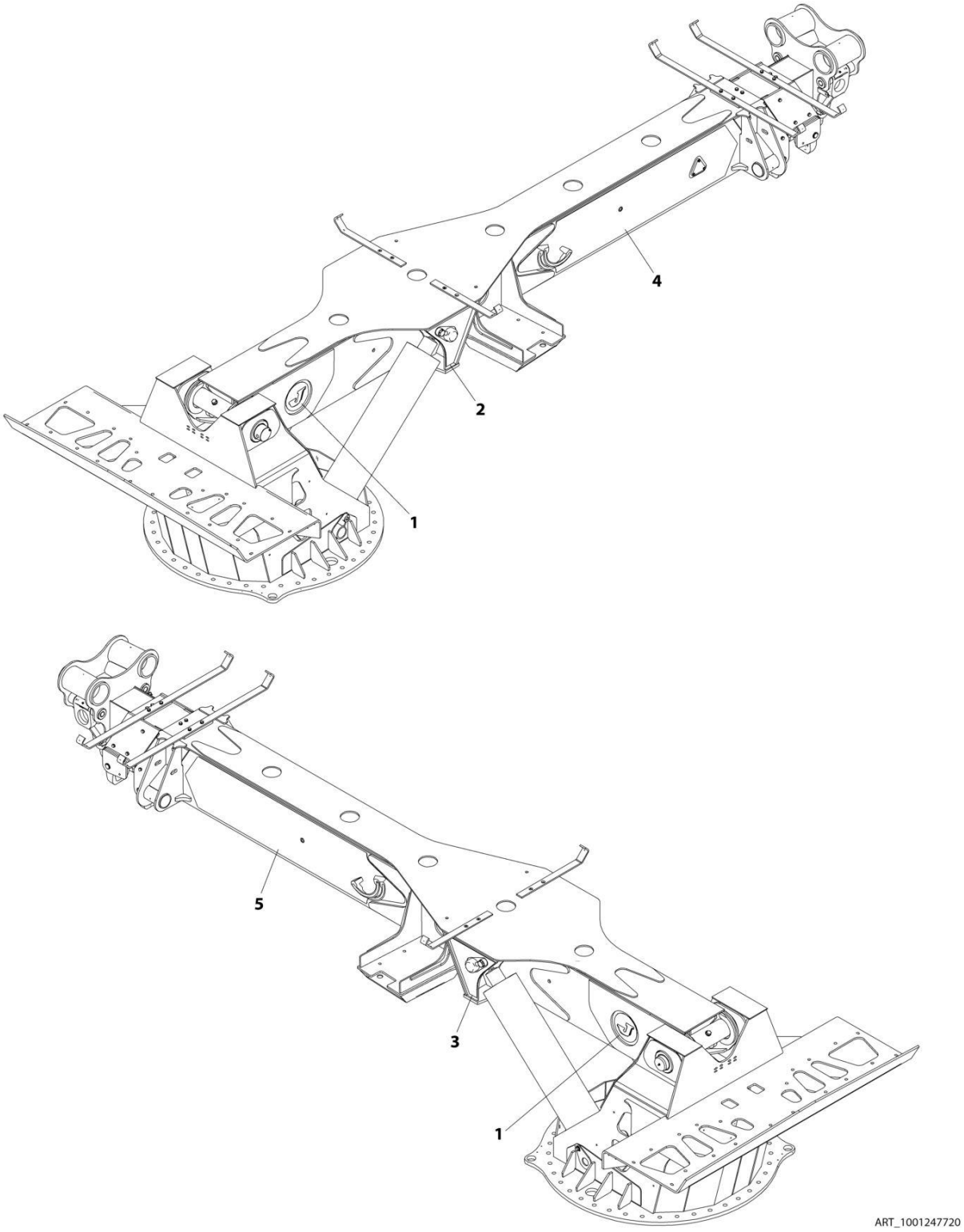


FIGURE 2-15. WRECKER BOOM VANITY PLATES BLANK INSTALLATION (SN 0230006791 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247720	Ref	Wrecker Boom Vanity Plates Blank Installation	A
1	1001231547	2	Plate, Circle J Boom Vanity	
2	1001247717	1	Plate, Lift Cyl Boom Vanity LH	
3	1001247718	1	Plate, Lift Cyl Boom Vanity RH	
4	1001234074	1	Plate, Boom Side Vanity LH Blank	
5	1001234097	1	Plate, Boom Side Vanity RH Blank	
6	8892040001	14 ft	Tape (Not Shown)	

FIGURE 2-16. WINCH INSTALLATION - 2 SPEED 50,000 LBS RAMSEY

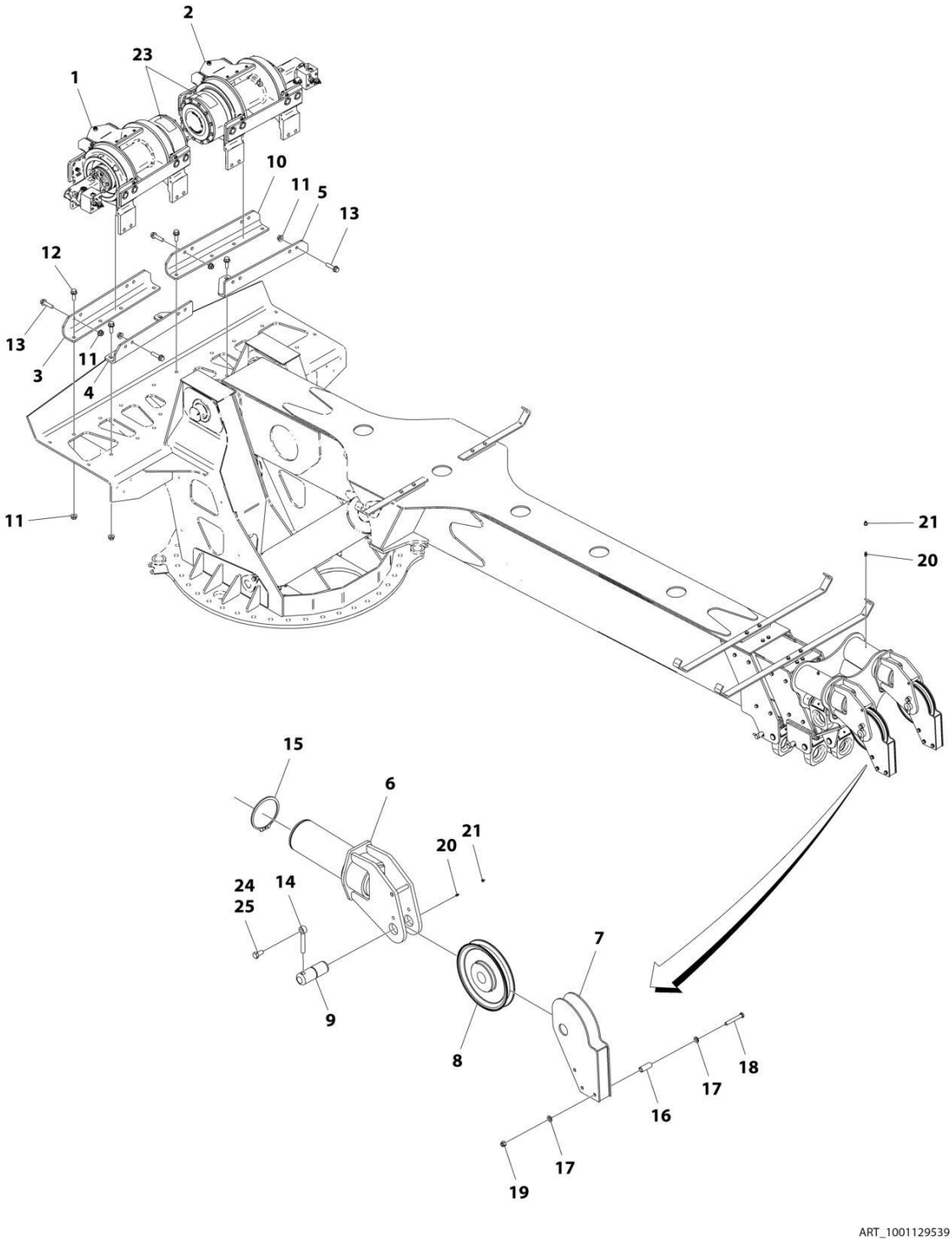


FIGURE 2-16. WINCH INSTALLATION - 2 SPEED 50,000 LBS RAMSEY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129539	Ref	WINCH INSTALLATION - 2 SPEED 50,000 LBS RAMSEY	E
1	1001228181	1	Ramsey Hercules Winch 50,000 lbs - LH (See Separate Breakdown in this Section)	
2	1001226712	1	Ramsey Hercules Winch 50,000 lbs - RH (See Separate Breakdown in this Section)	
3	1001129540	1	Angle, Winch Front - LH	
4	1001129541	1	Angle, Winch Rear - LH	
5	1001129543	1	Angle, Winch Rear - RH	
6	1001169618	2	Sheave Support Weldment	
7	3249000037	2	Cable Guide Weldment	
8	7809000018	2	Sheave	
9	1001170037	2	Pin	
10	1001129542	1	Angle, Winch Front - RH	
11	7660222308	32	Nut 3/4	
12	7118221816	16	Capscrew 3/4 x 2-1/4	
13	7118222416	16	Capscrew 3/4 x 3	
14	3841258	2	Rod	
15	7754000083	2	Retaining Ring	
16	4831000108	6	Spacer	
17	7950180153	12	Washer 1/2	
18	7115182850	6	Bolt 1/2 x 3-1/2	
19	7660182601	6	Nut 1/2	
20	7440030000	4	Grease Fitting	
21	7253000002	4	Grease Fitting Cap	
22	1001136568	1	Hose & Fitting Kit - Hydraulic Winch HDP50 (Not Shown)	
22	1001136772	2	Hose (Not Shown)	
22	1001136792	2	Hose (Not Shown)	
22	7445101045	2	Fitting, 90 JIC (Not Shown)	
22	7445101043	2	Fitting, Straight JIC (Not Shown)	
23	1001142812	2	Decal	
24	7115201050	2	Bolt 3/8 x 1-1/4	
25	0100011	AR	Compound locking	

FIGURE 2-17. RAMSEY HERCULES WINCH 50,000 LBS - LH

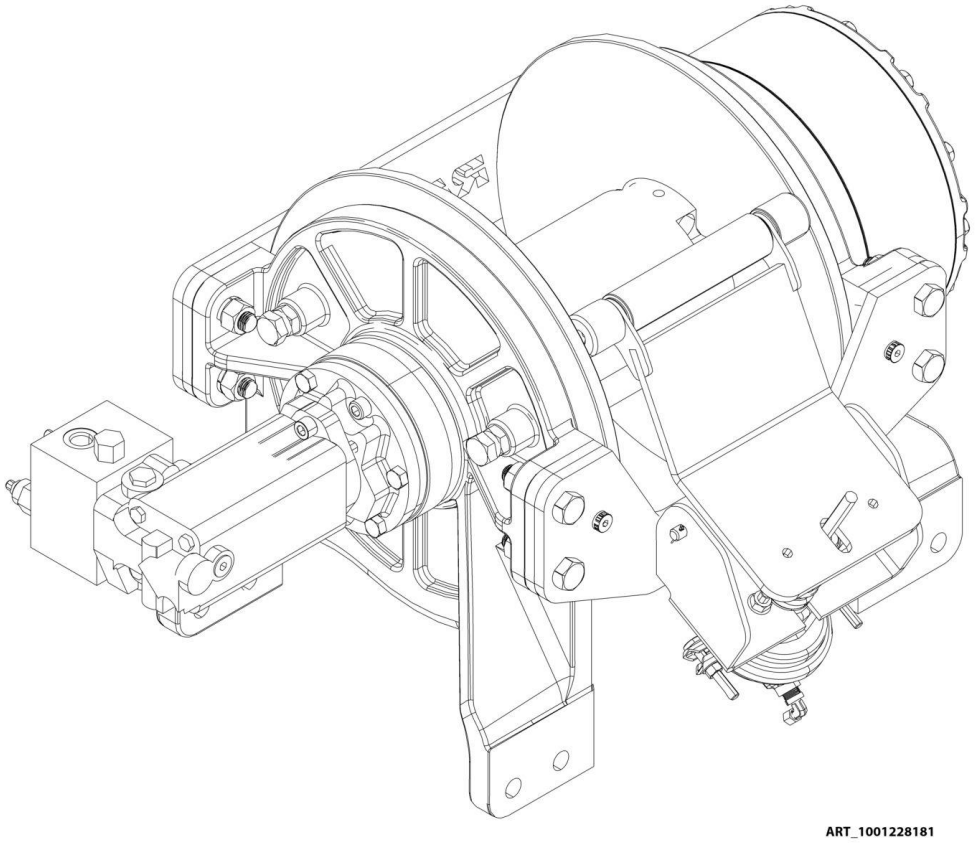


FIGURE 2-17. RAMSEY HERCULES WINCH 50,000 LBS - LH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228181	Ref	RAMSY HERCULES WINCH 50,000 LBS - LH	A
		Ref	**Note: No Service Parts Available at Time of Printing**	

FIGURE 2-18. RAMSEY HERCULES WINCH 50,000 LBS - RH

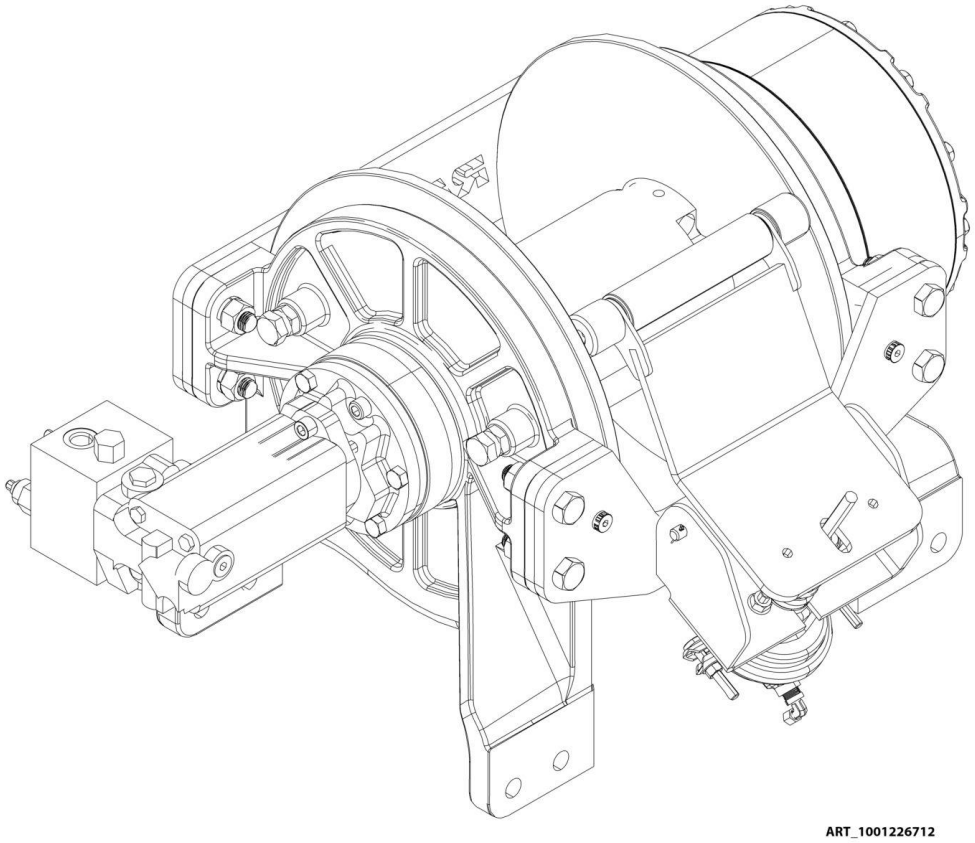


FIGURE 2-18. RAMSEY HERCULES WINCH 50,000 LBS - RH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226712	Ref	RAMSEY HERCULES WINCH 50,000 LBS - RH	A
		Ref	**Note: No Service Parts Available at Time of Printing**	

FIGURE 2-19. WINCH INSTALLATION - 2 SPEED 50,000 LBS DP

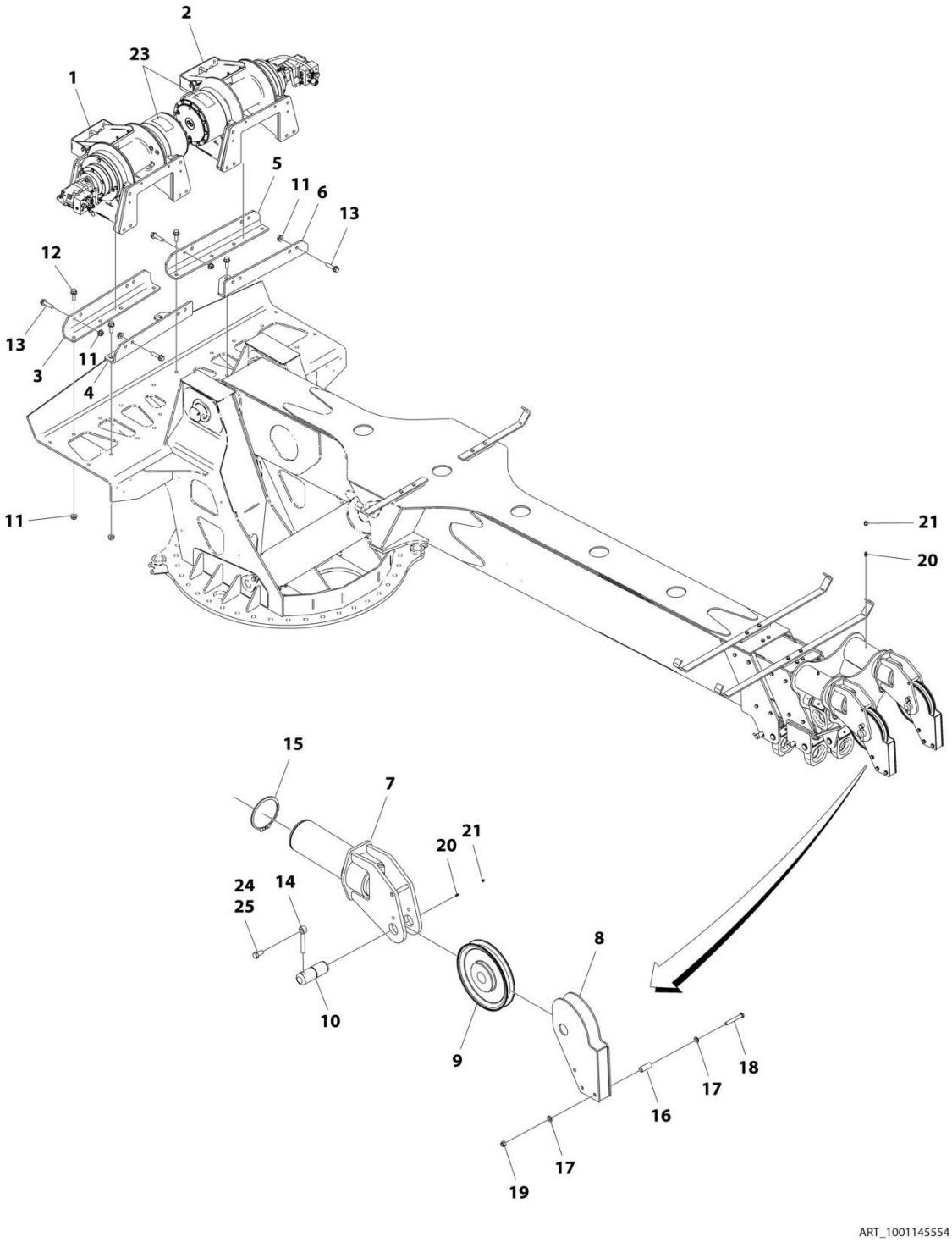
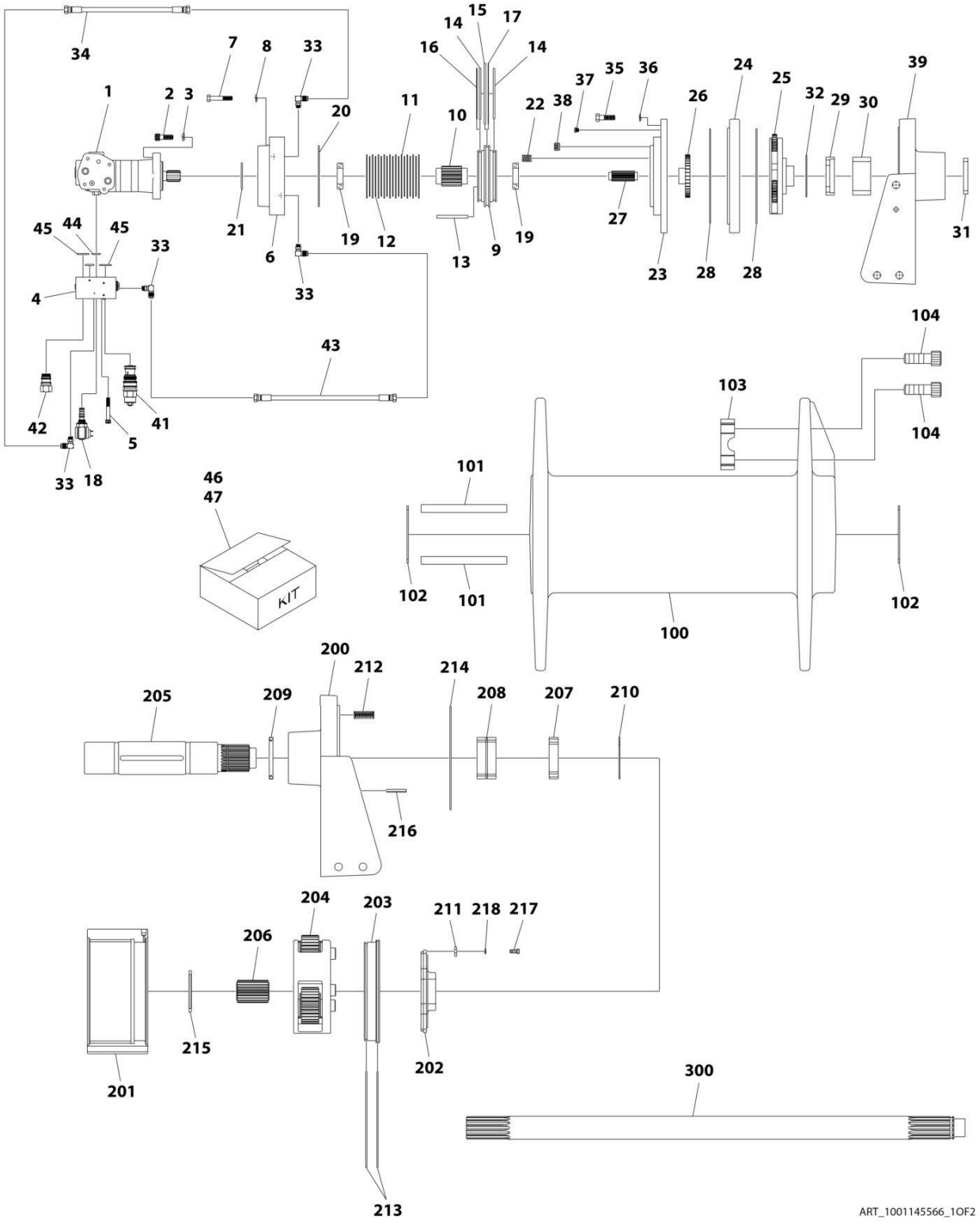
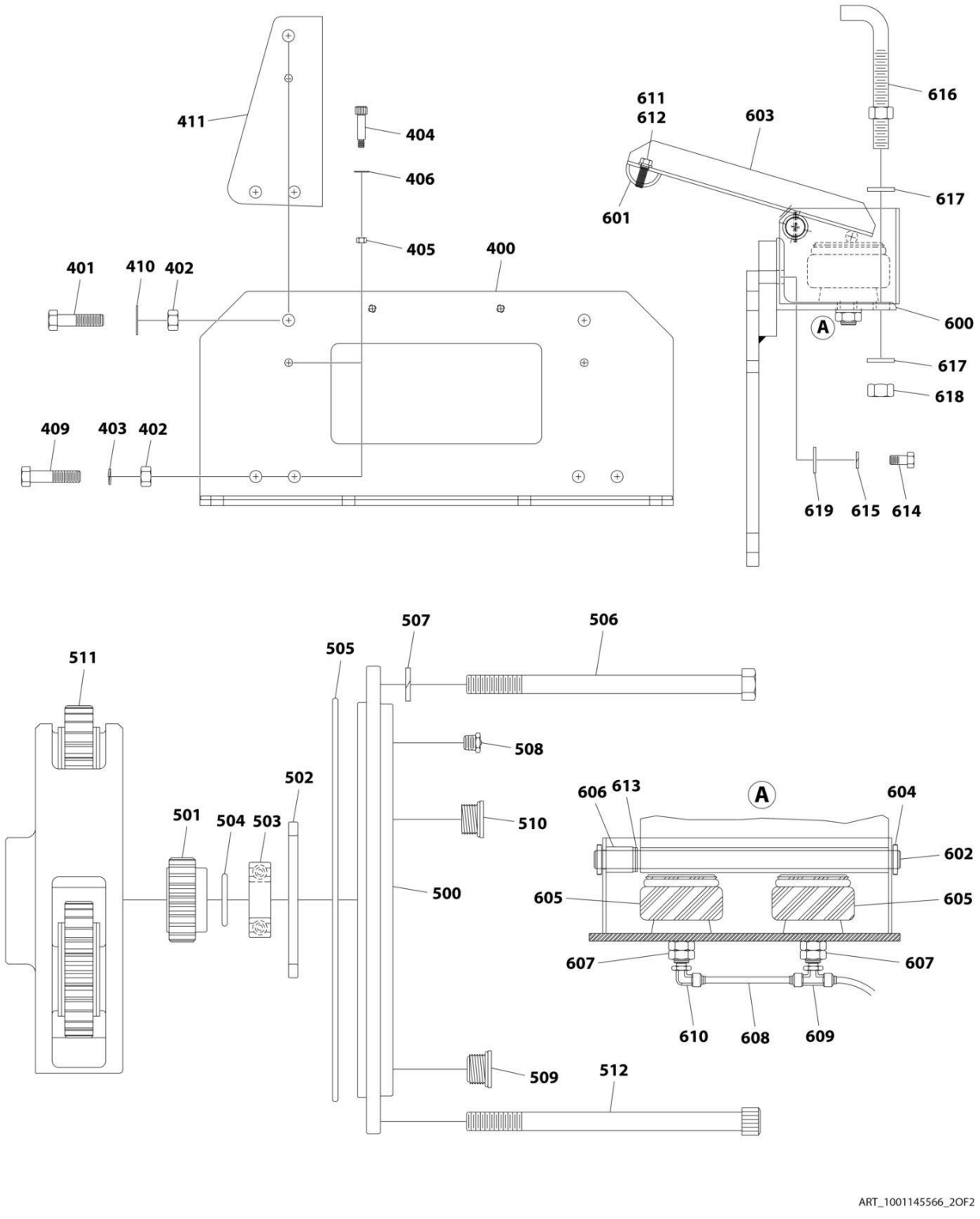


FIGURE 2-19. WINCH INSTALLATION - 2 SPEED 50,000 LBS DP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145554	Ref	WINCH INSTALLATION - 2 SPEED 50,000 LBS DP	C
1	1001145566	1	DP Winch 50,000 lbs - LH (See Separate Breakdown in this Section)	
2	1001176364	1	DP Winch 50,000 lbs - RH (See Separate Breakdown in this Section)	
3	1001145521	1	Angle, Winch Front - LH	
4	1001145522	1	Angle, Winch Rear - LH	
5	1001145523	1	Angle, Winch Front - LH	
6	1001145524	1	Angle, Winch Front - RH	
7	1001169618	2	Sheave Support Weldment	
8	3249000037	2	Cable Guide Weldment	
9	7809000018	2	Sheave	
10	1001170037	2	Pin	
11	7660222308	32	Nut 3/4	
12	7118221816	16	Capscrew 3/4 x 2-1/4	
13	7118223216	16	Capscrew 3/4 x 4	
14	3841258	2	Rod	
15	7754000083	2	Retaining Ring	
16	4831000108	6	Spacer	
17	7950180153	12	Washer 1/2	
18	7115182850	6	Bolt 1/2 x 3-1/2	
19	7660182601	6	Nut 1/2	
20	7440030000	4	Grease Fitting	
21	7253000002	4	Grease Fitting Cap	
22	1001146793	1	Hose & Fitting Kit - Hydraulic Winch DP50 (Not Shown)	
22	1001136772	2	Hose (Not Shown)	
22	1001136792	2	Hose (Not Shown)	
22	7445100845	1	Fitting, 90 JIC (Not Shown)	
22	7445100843	1	Fitting, Straight JIC (Not Shown)	
23	1001142812	2	Decal	
24	7115201050	2	Bolt 3/8 x 1-1/4	
25	0100011	AR	Compound locking	

FIGURE 2-20. DP WINCH 50,000 LBS - LH





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FIGURE 2-20. DP WINCH 50,000 LBS - LH

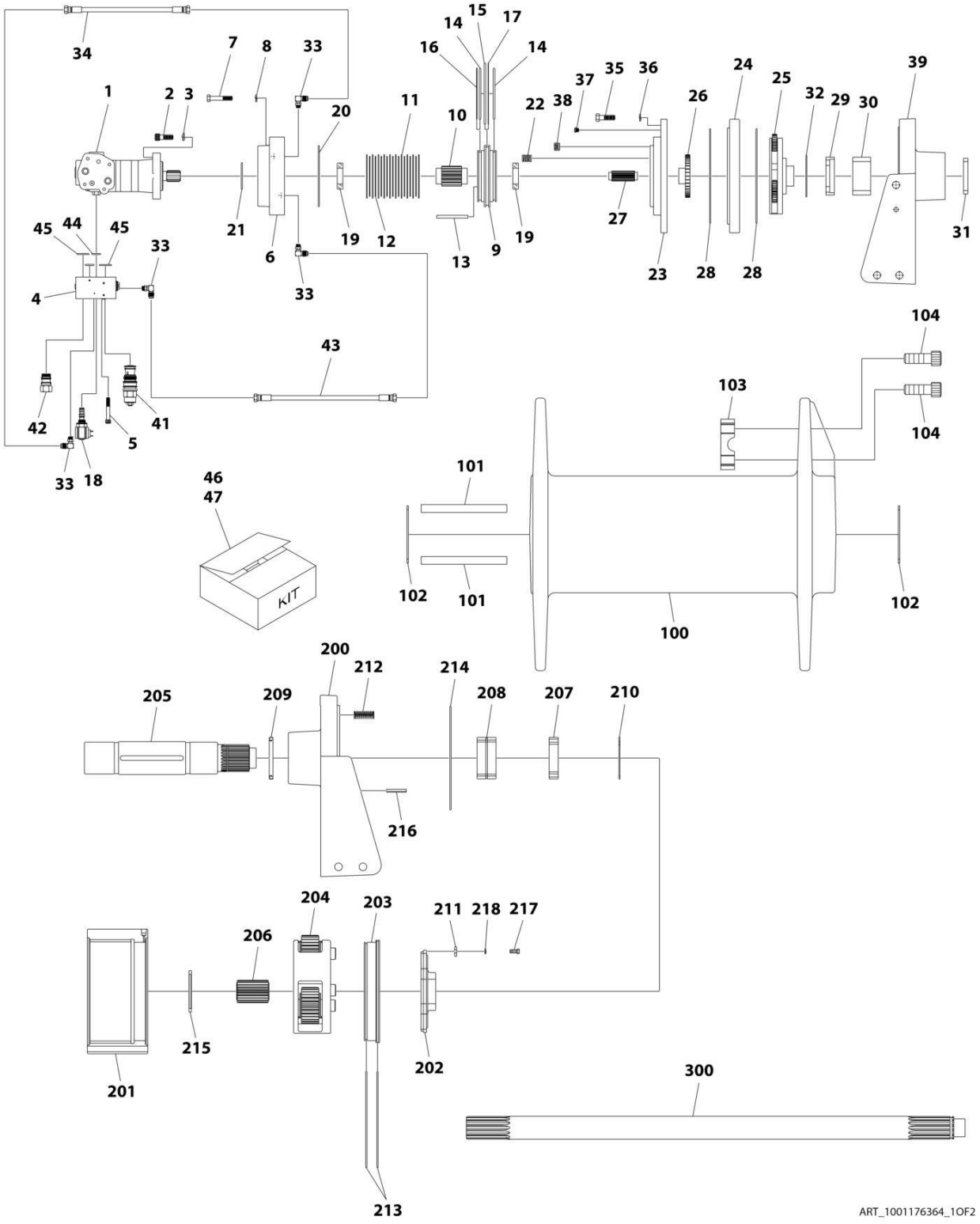
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145566	Ref	DP Winch 50,000 lbs - LH	C
		Ref	Motor End Assembly	
1	70050367	1	Motor, Hydraulic	
2	7118181205	2	Capscrew 1/2 x 1-1/2	
3	7950180800	2	Washer 1/2	
4	70050368	1	Valve, Counterbalance	
5	70050370	4	Capscrew 3/8 x 2-1/2	
6	9571960006	1	Housing, Brake Outer	
7	7118172050	6	Capscrew 7/16 x 2-1/2	
8	7950170000	6	Washer 7/16	
9	9698960008	1	Piston, Brake	
10	9806960013	1	Shaft, Brake	
11	Kit	10	Plate, Friction Disk	
12	Kit	9	Plate, Brake Drive	
13	9691960021	2	Pin	
14	Kit	2	O-Ring	
15	Kit	1	O-Ring	
16	Kit	1	Ring	
17	Kit	1	Ring	
18	70050371	1	Cartridge, Valve	
19	9082960013	2	Bearing	
20	Kit	1	O-Ring	
21	9796960090	1	O-Ring	
22	Kit	12	Spring	
23	7007960040	1	Adapter, Brake	
24	9472960032	1	Gear, Ring 92 Teeth	
25	9472960029	1	Carrier, Planetary Assembly	
26	9472960033	1	Gear, Sun	
27	9806960014	1	Shaft, Extension	
28	9796960085	2	O-Ring	
29	9706960027	1	Plate, Thrust - 45	
30	9082960014	1	Bearing	
31	9796960087	1	Seal	
32	9754960029	1	Retainer Ring	
33	7445040445	3	Adapter	
34	70050372	1	Hose	
35	7115182250	4	Capscrew 1/2 x 2-3/4	
36	7950180000	4	Washer 1/2	
37	9183960001	1	Vent	
38	9701960010	2	Plug	
39	9177960002	1	Support, Motor End	
40	9443960006	1	Adapter (Not Shown)	
41	9935960026	1	Cartridge, Counterbalance	
42	9701960013	1	Plug Assembly	
43	70050373	1	Hose	
44	70050369	2	O-Ring	
45	9796960088	2	O-Ring	
46	9577960119	Ref	Disk and Spring Kit (includes items 11, 12 & 22)	
47	9577960120	Ref	Brake Seal Kit (includes items 14 to 17 & 20)	
		Ref	Drum Assembly	

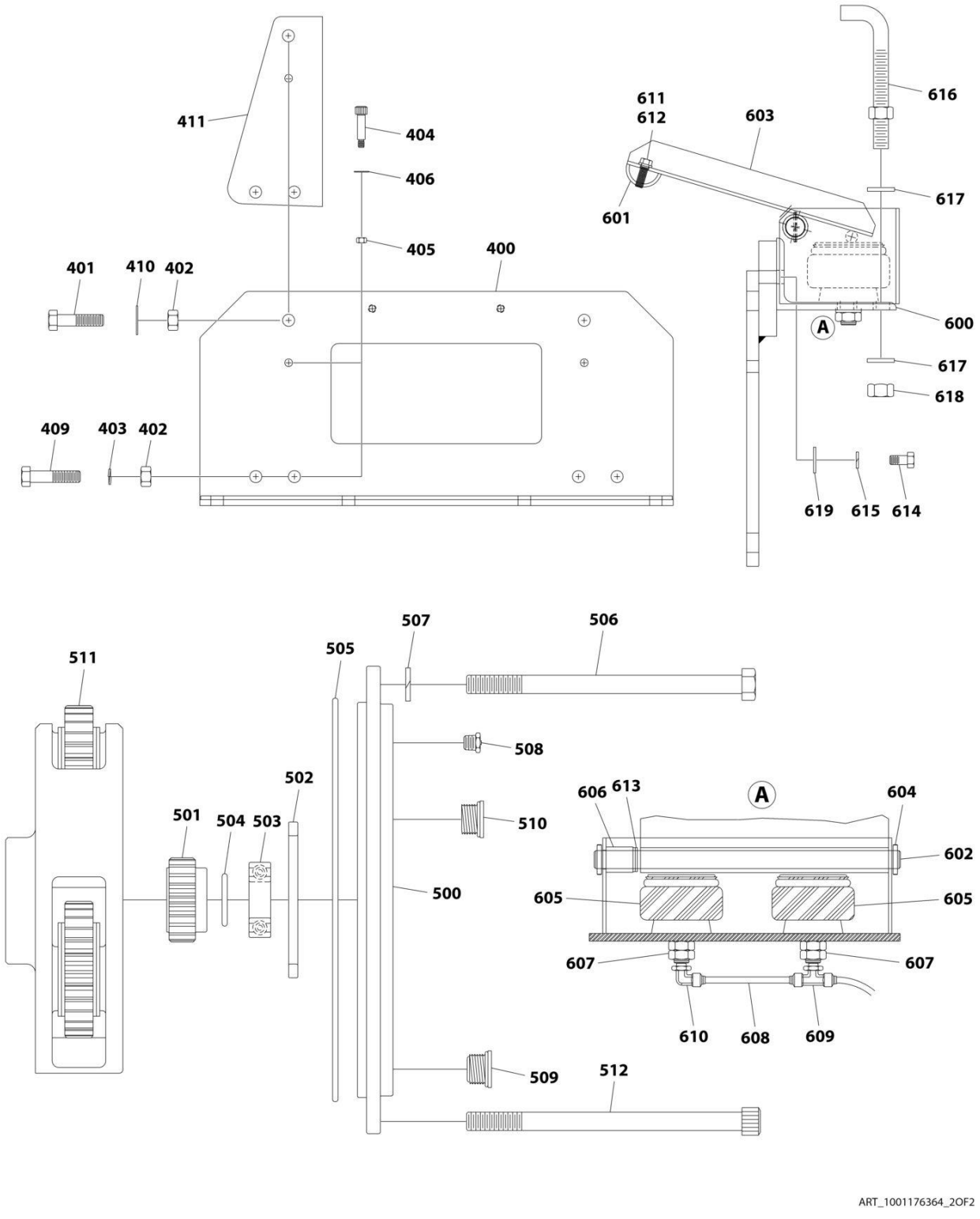
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
100	70050381	1	Drum, Winch	
101	70050382	2	Key, Shaft Output	
102	70050383	2	Retaining Ring	
103	9280960002	1	Clip, Cable - Threaded	
104	7110201823	2	Capscrew 5/8 x 2-1/4	
		Ref	Gear End Assembly	
200	9177960001	1	Support, Gear End	
201	9472960036	1	Gear, Ring - 103 Teeth	
202	9281960004	1	Clutch	
203	9698960009	1	Piston	
204	9472960030	1	Carrier Assembly	
205	9806960015	1	Shaft, Output	
206	70050380	1	Gear, Sun	
207	9154960027	1	Ring, Thrust	
208	9082960014	1	Bearing, Roller	
209	9796960087	1	Seal	
210	9754960029	1	Retaining Ring	
211	9698960010	3	Piston Retainer	
212	9843960025	3	Spring	
213	9796960093	2	O-Ring	
214	9796960085	1	O-Ring	
215	9949960013	1	Washer	
216	7690153245	2	Pin	
217	7115150650	6	Capscrew 5/16 x 3/4	
218	9949960050	6	Washer 5/16	
		Ref	Input Shaft Assembly	
300	70050374	1	Input Shaft	
		Ref	Base Mount Assembly	
400	9073960002	2	Base, Mount	
401	7115222450	4	Capscrew 3/4 x 3	
402	7660220001	12	Nut 3/4	
403	7950220000	8	Washer 3/4	
404	9120960020	4	Bolt 1/2 x 2	
405	9661960033	4	Nut 3/8	
406	9949960051	4	Washer 3/8	
407	70050384	1	Plate, Winch Information (Not Shown)	
408	70050147	4	Rivet (Not Shown)	
409	7115222650	8	Capscrew 3/4 x 3-1/4	
410	7950220151	4	Washer 3/4	
411	9831960007	4	Spacer	
412	9577960113	1	Kit, Cable Hold Down (Not Shown)	
		Ref	Gear End Cover Assembly	
500	70050375	1	Cover	
501	70050376	1	Gear, Sun Primary 29 Teeth	
502	9949960013	1	Washer	
503	9082960015	1	Bearing	
504	9754960030	1	Retaining Ring	
505	9796960085	1	O-Ring	
506	70050377	10	Capscrew 1/2 x 7-1/2	
507	7950180000	10	Washer 1/2	
508	9183960001	1	Vent	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
509	9701960012	1	Plug	
510	9701960011	1	Plug	
511	70050378	1	Carrier Assembly	
512	70050379	2	Capscrew 1/2 x 7	
		Ref	Cable Hold Down Assembly	
600	9178960011	1	Bracket	
601	9064960001	1	Bar	
602	9691960019	1	Pin	
603	9020960002	1	Arm, Pivot	
604	9690960039	2	Cotter Pin	
605	9843960023	2	Spring, Air Cushion	
606	9831960009	1	Spacer	
607	7660200200	4	Nut 5/8	
608	9912960010	1	Tubing	
609	7443000205	1	Adapter	
610	7443000204	1	Adapter	
611	9949960050	3	Washer 5/8	
612	9120960063	3	Capscrew 5/8 x 1	
613	9949960012	2	Washer	
614	7115181650	2	Capscrew 1/2 x 1	
615	7950180000	2	Washer 1/2	
616	9120960019	1	Bolt 5/8 x 6-1/2	
617	7950200151	2	Washer 5/8	
618	7660200001	1	Nut 5/8	
619	70050385	2	Washer 1/2	

FIGURE 2-21. DP WINCH 50,000 LBS - RH





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FIGURE 2-21. DP WINCH 50,000 LBS - RH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176364	Ref	DP Winch 50,000 lbs - RH	C
		Ref	Motor End Assembly	
1	70050367	1	Motor, Hydraulic	
2	7118181205	2	Capscrew 1/2 x 1-1/2	
3	7950180800	2	Washer 1/2	
4	70050368	1	Valve, Counterbalance	
5	70050370	4	Capscrew 3/8 x 2-1/2	
6	9571960006	1	Housing, Brake Outer	
7	7118172050	6	Capscrew 7/16 x 2-1/2	
8	7950170000	6	Washer 7/16	
9	9698960008	1	Piston, Brake	
10	9806960013	1	Shaft, Brake	
11	Kit	10	Plate, Friction Disk	
12	Kit	9	Plate, Brake Drive	
13	9691960021	2	Pin	
14	Kit	2	O-Ring	
15	Kit	1	O-Ring	
16	Kit	1	Ring	
17	Kit	1	Ring	
18	70050371	1	Cartridge, Valve	
19	9082960013	2	Bearing	
20	Kit	1	O-Ring	
21	9796960090	1	O-Ring	
22	Kit	12	Spring	
23	7007960040	1	Adapter, Brake	
24	9472960032	1	Gear, Ring 92 Teeth	
25	9472960029	1	Carrier, Planetary Assembly	
26	9472960033	1	Gear, Sun	
27	9806960014	1	Shaft, Extension	
28	9796960085	2	O-Ring	
29	9706960027	1	Plate, Thrust - 45	
30	9082960014	1	Bearing	
31	9796960087	1	Seal	
32	9754960029	1	Retainer Ring	
33	7445040445	3	Adapter	
34	70050372	1	Hose	
35	7115182250	4	Capscrew 1/2 x 2-3/4	
36	7950180000	4	Washer 1/2	
37	9183960001	1	Vent	
38	9701960010	2	Plug	
39	9177960002	1	Support, Motor End	
40	9443960006	1	Adapter (Not Shown)	
41	9935960026	1	Cartridge, Counterbalance	
42	9701960013	1	Plug Assembly	
43	70050373	1	Hose	
44	70050369	2	O-Ring	
45	9796960088	2	O-Ring	
46	9577960119	Ref	Disk and Spring Kit (includes items 11, 12 & 22)	
47	9577960120	Ref	Brake Seal Kit (includes items 14 to 17 & 20)	
		Ref	Drum Assembly	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
100	70050381	1	Drum, Winch	
101	70050382	2	Key, Shaft Output	
102	70050383	2	Retaining Ring	
103	9280960002	1	Clip, Cable - Threaded	
104	7110201823	2	Capscrew 5/8 x 2-1/4	
		Ref	Gear End Assembly	
200	9177960001	1	Support, Gear End	
201	9472960036	1	Gear, Ring - 103 Teeth	
202	9281960004	1	Clutch	
203	9698960009	1	Piston	
204	9472960030	1	Carrier Assembly	
205	9806960015	1	Shaft, Output	
206	70050380	1	Gear, Sun	
207	9154960027	1	Ring, Thrust	
208	9082960014	1	Bearing, Roller	
209	9796960087	1	Seal	
210	9754960029	1	Retaining Ring	
211	9698960010	3	Piston Retainer	
212	9843960025	3	Spring	
213	9796960093	2	O-Ring	
214	9796960085	1	O-Ring	
215	9949960013	1	Washer	
216	7690153245	2	Pin	
217	7115150650	6	Capscrew 5/16 x 3/4	
218	9949960050	6	Washer 5/16	
		Ref	Input Shaft Assembly	
300	70050374	1	Input Shaft	
		Ref	Base Mount Assembly	
400	9073960002	2	Base, Mount	
401	7115222450	4	Capscrew 3/4 x 3	
402	7660220001	12	Nut 3/4	
403	7950220000	8	Washer 3/4	
404	9120960020	4	Bolt 1/2 x 2	
405	9661960033	4	Nut 3/8	
406	9949960051	4	Washer 3/8	
407	70050384	1	Plate, Winch Information (Not Shown)	
408	70050147	4	Rivet (Not Shown)	
409	7115222650	8	Capscrew 3/4 x 3-1/4	
410	7950220151	4	Washer 3/4	
411	9831960007	4	Spacer	
412	9577960113	1	Kit, Cable Hold Down (Not Shown)	
		Ref	Gear End Cover Assembly	
500	70050375	1	Cover	
501	70050376	1	Gear, Sun Primary 29 Teeth	
502	9949960013	1	Washer	
503	9082960015	1	Bearing	
504	9754960030	1	Retaining Ring	
505	9796960085	1	O-Ring	
506	70050377	10	Capscrew 1/2 x 7-1/2	
507	7950180000	10	Washer 1/2	
508	9183960001	1	Vent	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
509	9701960012	1	Plug	
510	9701960011	1	Plug	
511	70050378	1	Carrier Assembly	
512	70050379	2	Capscrew 1/2 x 7	
		Ref	Cable Hold Down Assembly	
600	9178960011	1	Bracket	
601	9064960001	1	Bar	
602	9691960019	1	Pin	
603	9020960002	1	Arm, Pivot	
604	9690960039	2	Cotter Pin	
605	9843960023	2	Spring, Air Cushion	
606	9831960009	1	Spacer	
607	7660200200	4	Nut 5/8	
608	9912960010	1	Tubing	
609	7443000205	1	Adapter	
610	7443000204	1	Adapter	
611	9949960050	3	Washer 5/8	
612	9120960063	3	Capscrew 5/8 x 1	
613	9949960012	2	Washer	
614	7115181650	2	Capscrew 1/2 x 1	
615	7950180000	2	Washer 1/2	
616	9120960019	1	Bolt 5/8 x 6-1/2	
617	7950200151	2	Washer 5/8	
618	7660200001	1	Nut 5/8	
619	70050385	2	Washer 1/2	

FIGURE 2-22. AUXILIARY WINCH INSTALLATION, 20,000 LBS DP

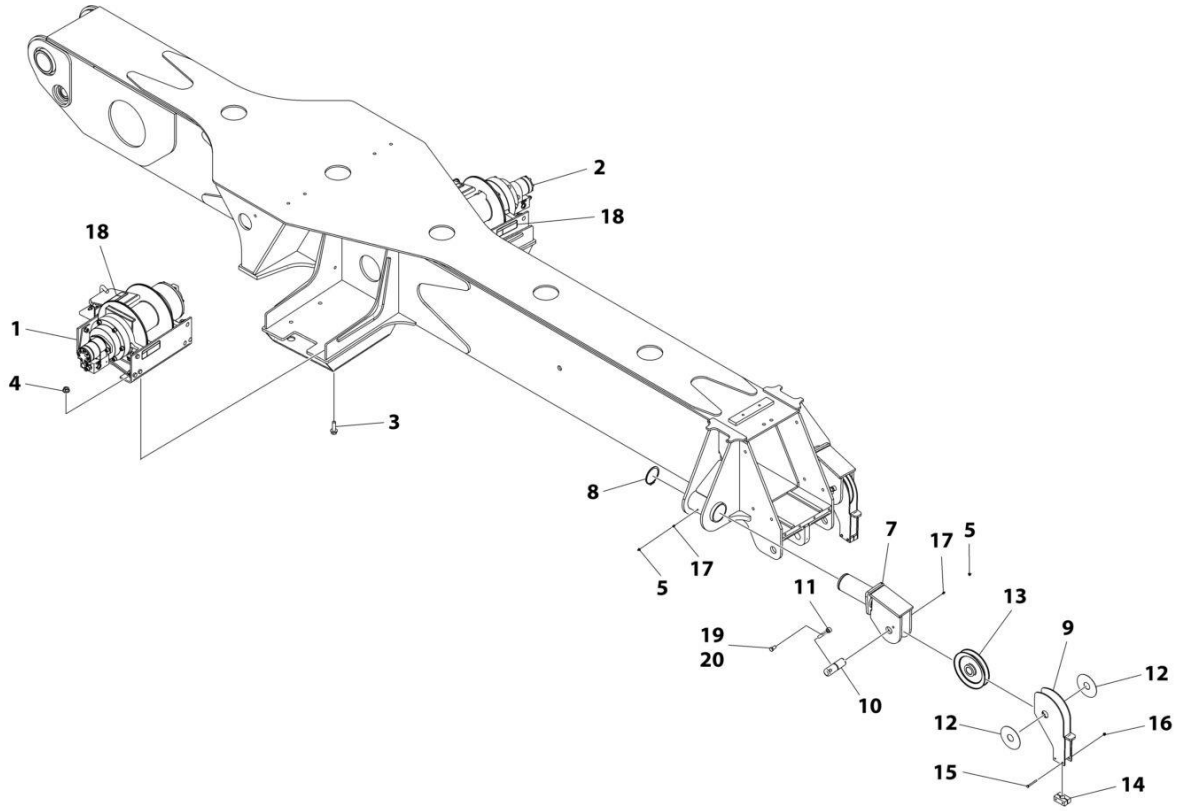
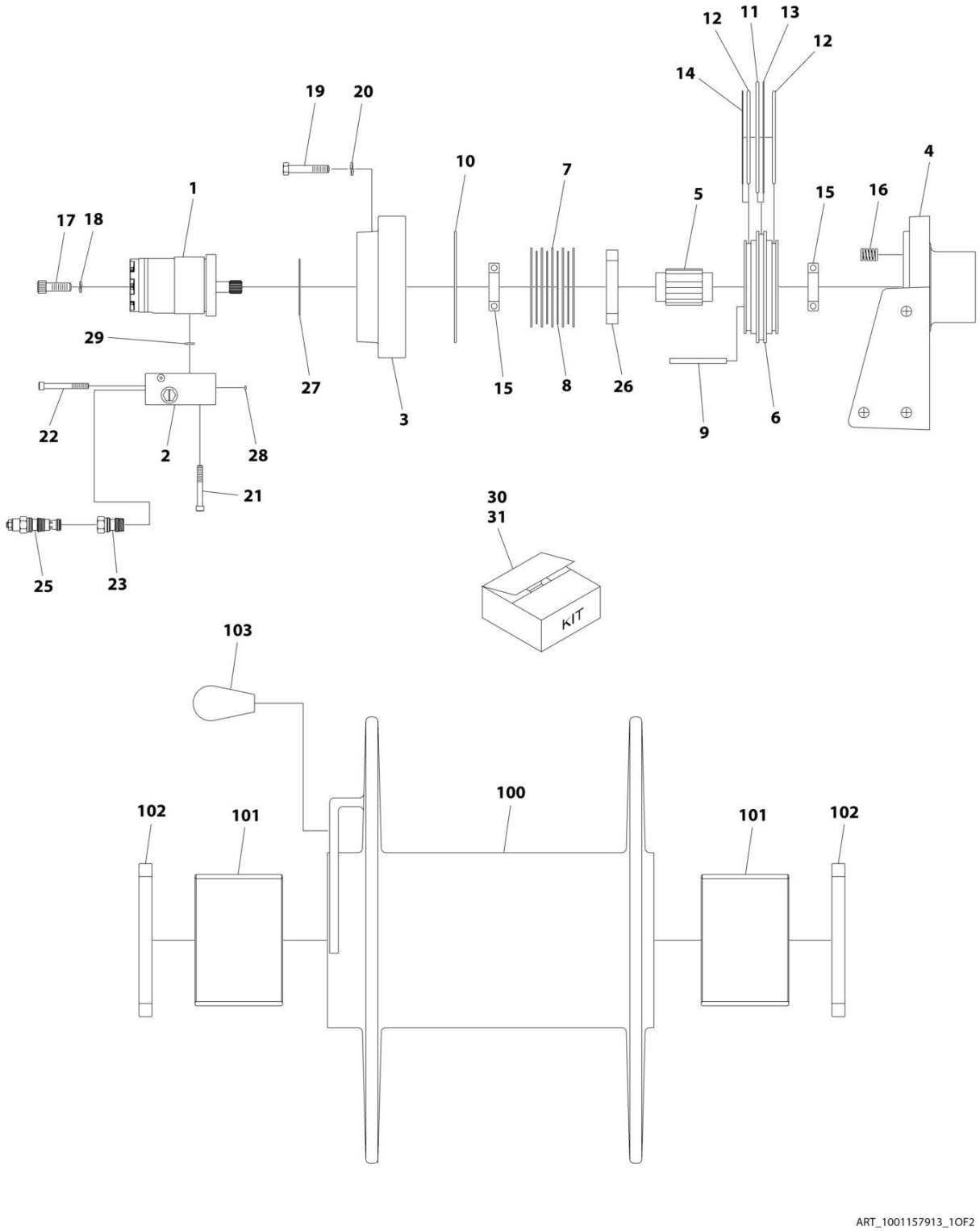


FIGURE 2-22. AUXILIARY WINCH INSTALLATION, 20,000 LBS DP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166536	Ref	AUXILIARY WINCH INSTALLATION, 20,00 LBS DP	C
1	1001157913	1	DP Winch 20,000 lbs - LH (See Separate Breakdown in this Section)	
2	1001157914	1	DP Winch 20,000 lbs - RH (See Separate Breakdown in this Section)	
3	7118201616	8	Bolt 5/8 x 2	
4	7661000018	8	Nut 5/8	
5	7253000002	4	Grease Fitting Cap	
6	1001166519	1	Hose Kit - Hydraulic Winch DP20 (Not Shown)	
6	1001164055	4	Hose (Not Shown)	
6	4569160030	4	Hose (Not Shown)	
6	1001163364	4	Hose (Not Shown)	
6	1001166373	4	Hose (Not Shown)	
6	7445080845	4	Fitting, 90 JIC x O(M)	
7	1001169617	2	Sheave Support Weldment	
8	7754000049	2	Retaining Ring	
9	3249000012	2	Cable Guide Weldment	
10	1001169893	2	Pin	
11	3841203	2	Rod	
12	4949000045	4	Washer	
13	1001157954	2	Sheave	
14	4249000001	4	Cable Guide	
15	7115142050	4	Bolt 1/4 x 2-1/2	
16	7660142604	4	Nut 1/4	
17	7440030000	4	Grease Fitting	
18	1001142812	4	Decal	
19	7115180850	2	Bolt 1/2 x 1	
20	0100011	AR	Compound locking	

FIGURE 2-23. DP WINCH 20,000 LBS - LH



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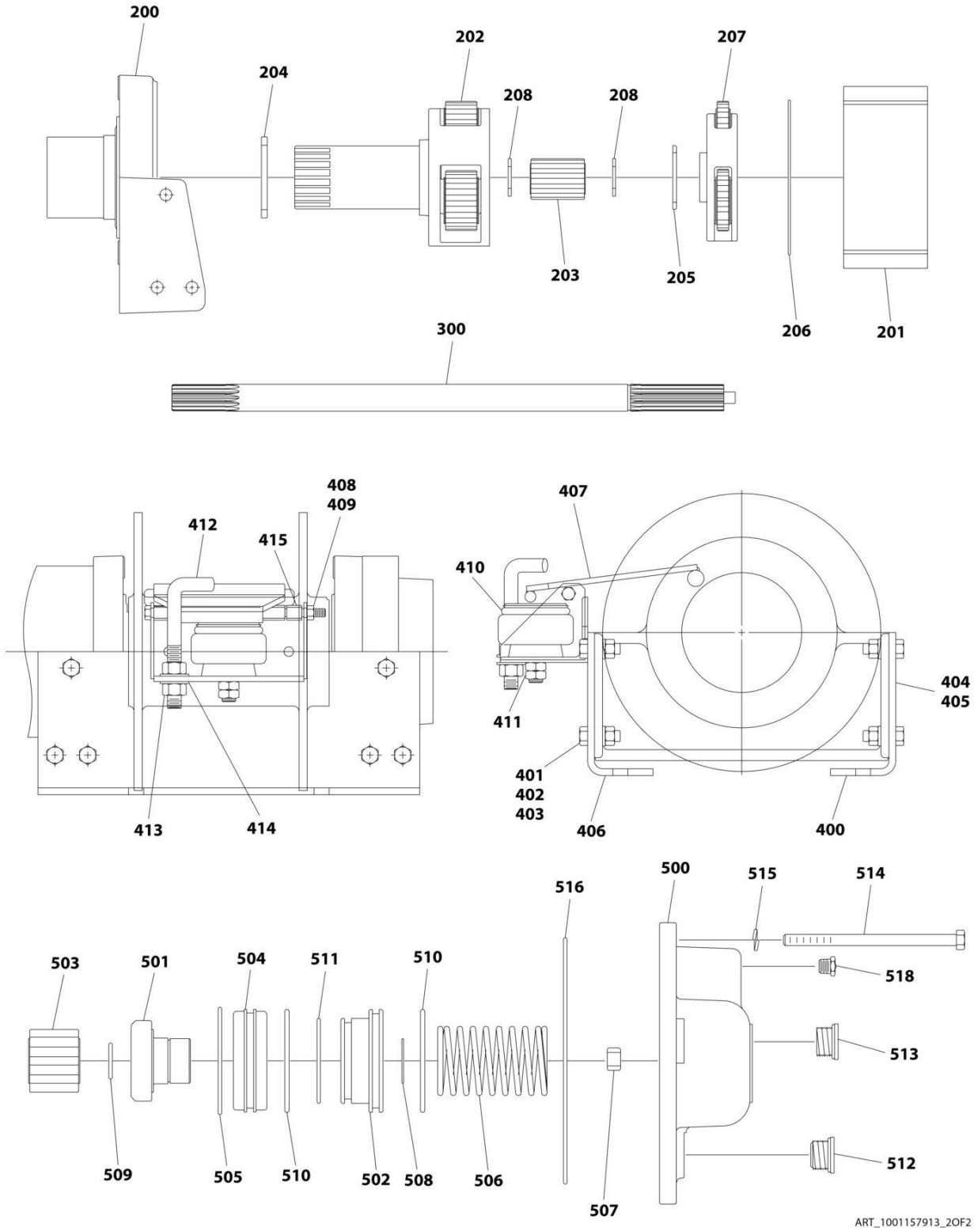
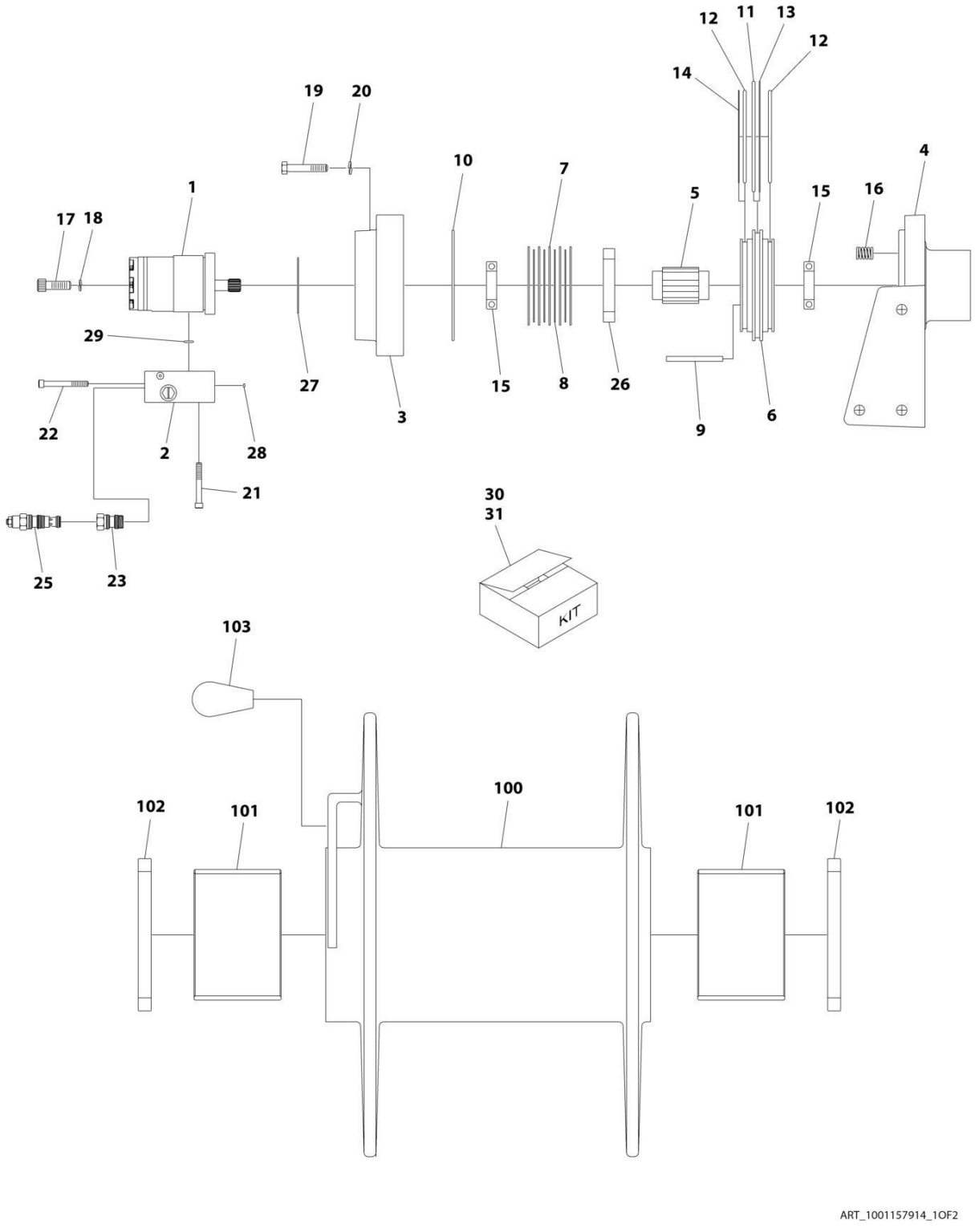

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FIGURE 2-23. DP WINCH 20,000 LBS - LH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157913	Ref	DP Winch 20,000 lbs - LH	A
		Ref	Motor End Assembly	
1	70050113	1	Motor, Hydraulic	
2	70050739	1	Valve, Counterbalance	
3	70050741	1	Housing, Brake	
4	70050742	2	Support, Motor End	
5	70050743	1	Shaft, Brake	
6	9698960008	1	Piston, Brake	
7	Kit	5	Plate, Friction Disc	
8	Kit	4	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	9082960013	2	Bearing	
16	Kit	12	Spring	
17	70050127	2	Capscrew 1/2 x 1-1/4	
18	7950180800	2	Washer 1/2	
19	7118172050	6	Capscrew 7/16 x 2-1/2	
20	7950170000	6	Washer 7/16	
21	70050744	4	Capscrew 5/16 x 2	
22	70050126	1	Capscrew 1/4 x 4-1/2	
23	70050132	1	Plug	
24	70050401	1	Tag, Warning (Not Shown)	
25	70050129	1	Cartridge, Counterbalance	
26	9831960008	1	Spacer, Brake	
27	9796960145	1	O-Ring	
28	70050115	1	O-Ring	
29	70050740	2	O-Ring	
30	9577960119	Ref	Disk and Spring Kit (includes items 7, 8 & 16)	
31	9577960120	Ref	Brake Seal Kit (includes items 10 to 14)	
		Ref	Drum Assembly	
100	70050745	1	Drum	
101	70050746	2	Bearing	
102	70050747	2	Seal	
103	70050749	1	Wedge	
		Ref	Gear End Assembly	
200	70050750	1	Support, Gear End	
201	70050139	1	Gear, Ring	
202	70050751	1	Carrier Assembly	
203	70050140	1	Gear	
204	70050752	1	Washer, Thrust - Nylon	
205	9949000056	1	Washer, Thrust - Nylon	
206	9796960188	1	O-Ring	
207	70050141	1	Carrier	
208	9949960057	2	Washer, Thrust	
		Ref	Input Shaft Assembly	
300	70050753	1	Input Shaft	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Base Mount Assembly	
400	70050754	1	Base, Angle	
401	70050755	12	Capscrew 1/2 x 1-1/2	
402	70050756	12	Nut 1/2	
403	7950180000	12	Washer 1/2	
404	70050384	1	Plate, Winch Information	
405	70050147	4	Rivet	
406	70050757	1	Base, Angle	
407	70050758	1	Arm, Rub Bar	
408	70050759	1	Capscrew 3/8 x 8	
409	9661960034	1	Nut 3/8	
410	9843960023	1	Spring, Air Cushion	
411	7660200200	2	Nut 5/8	
412	9120960019	1	Bolt 5/8 x 6-1/2	
413	7660200001	1	Nut 5/8	
414	7950200151	2	Washer 5/8	
415	70050760	1	Spacer, Rub Bar	
		Ref	Gear End Cover Assembly	
500	70050151	1	Cover	
501	70050085	1	Coupling, Drive	
502	70050086	1	Piston	
03	70050152	1	Gear	
504	9698960015	1	Piston, Cylinder	
505	9754960026	1	Ring, Retainer	
506	9843960032	1	Spring	
507	9209960026	1	Bushing	
508	9754960046	1	Ring, Retainer	
509	9754960047	1	Ring, Retainer	
510	9796960116	2	O-Ring	
511	9796960118	1	O-Ring	
512	9701960012	1	Plug	
513	9701960011	1	Plug	
514	70050761	8	Capscrew	
515	9949960050	8	Washer	
516	9796960188	1	O-Ring	
517	9701960018	1	Caplug (Not Shown)	
518	9183960001	1	Vent	

FIGURE 2-24. DP WINCH 20,000 LBS - RH



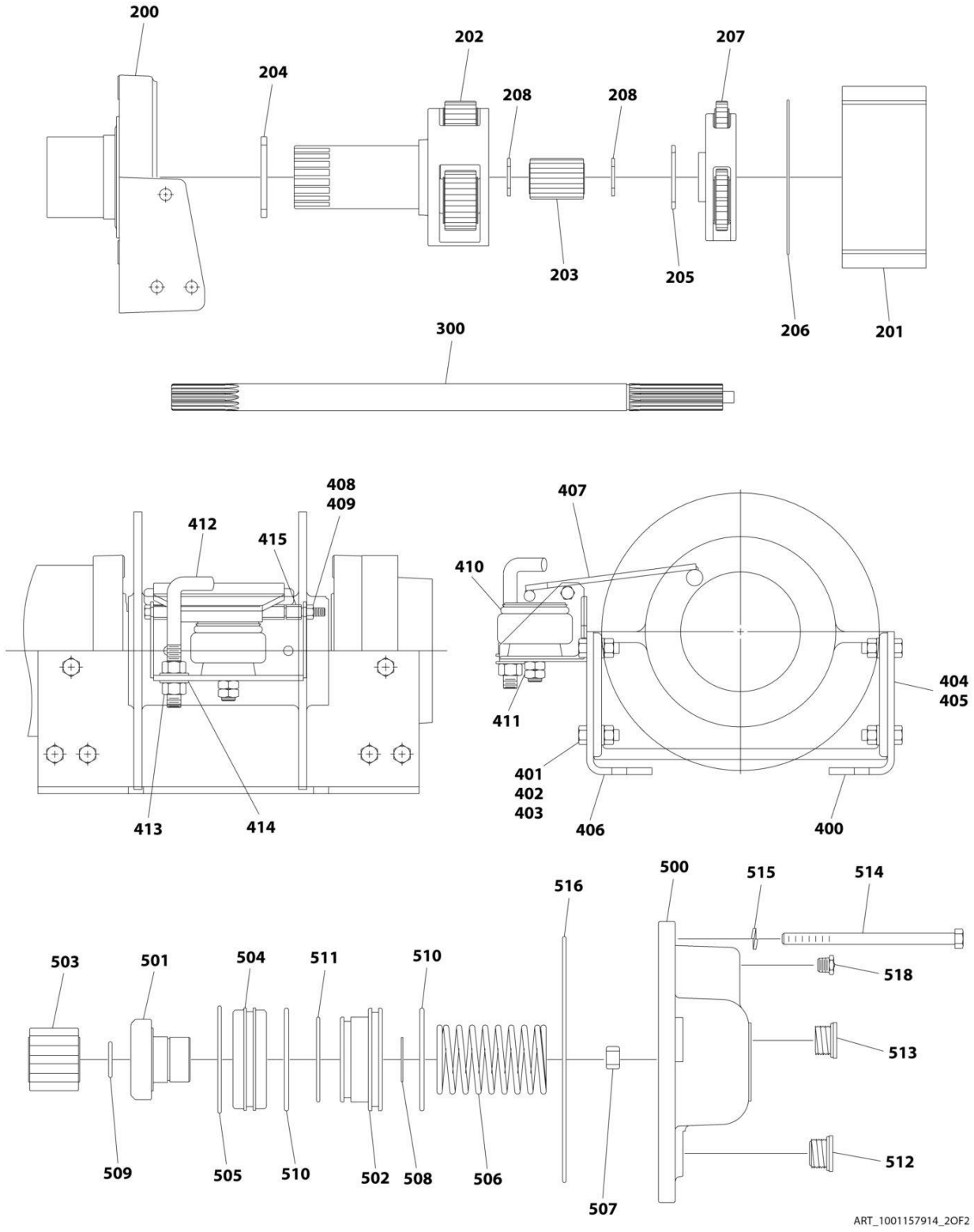

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FIGURE 2-24. DP WINCH 20,000 LBS - RH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157914	Ref	DP Winch 20,000 lbs - RH	A
		Ref	Motor End Assembly	
1	70050113	1	Motor, Hydraulic	
2	70050739	1	Valve, Counterbalance	
3	70050741	1	Housing, Brake	
4	70050742	2	Support, Motor End	
5	70050743	1	Shaft, Brake	
6	9698960008	1	Piston, Brake	
7	Kit	5	Plate, Friction Disc	
8	Kit	4	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	9082960013	2	Bearing	
16	Kit	12	Spring	
17	70050127	2	Capscrew 1/2 x 1-1/4	
18	7950180800	2	Washer 1/2	
19	7118172050	6	Capscrew 7/16 x 2-1/2	
20	7950170000	6	Washer 7/16	
21	70050744	4	Capscrew 5/16 x 2	
22	70050126	1	Capscrew 1/4 x 4-1/2	
23	70050132	1	Plug	
24	70050401	1	Tag, Warning (Not Shown)	
25	70050129	1	Cartridge, Counterbalance	
26	9831960008	1	Spacer, Brake	
27	9796960145	1	O-Ring	
28	70050115	1	O-Ring	
29	70050740	2	O-Ring	
30	9577960119	Ref	Disk and Spring Kit (includes items 7, 8 & 16)	
31	9577960120	Ref	Brake Seal Kit (includes items 10 to 14)	
		Ref	Drum Assembly	
100	70050745	1	Drum	
101	70050746	2	Bearing	
102	70050747	2	Seal	
103	70050749	1	Wedge	
		Ref	Gear End Assembly	
200	70050750	1	Support, Gear End	
201	70050139	1	Gear, Ring	
202	70050751	1	Carrier Assembly	
203	70050140	1	Gear	
204	70050752	1	Washer, Thrust - Nylon	
205	9949000056	1	Washer, Thrust - Nylon	
206	9796960188	1	O-Ring	
207	70050141	1	Carrier	
208	9949960057	2	Washer, Thrust	
		Ref	Input Shaft Assembly	
300	70050753	1	Input Shaft	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Base Mount Assembly	
400	70050754	1	Base, Angle	
401	70050755	12	Capscrew 1/2 x 1-1/2	
402	70050756	12	Nut 1/2	
403	7950180000	12	Washer 1/2	
404	70050384	1	Plate, Winch Information	
405	70050147	4	Rivet	
406	70050757	1	Base, Angle	
407	70050758	1	Arm, Rub Bar	
408	70050759	1	Capscrew 3/8 x 8	
409	9661960034	1	Nut 3/8	
410	9843960023	1	Spring, Air Cushion	
411	7660200200	2	Nut 5/8	
412	9120960019	1	Bolt 5/8 x 6-1/2	
413	7660200001	1	Nut 5/8	
414	7950200151	2	Washer 5/8	
415	70050760	1	Spacer, Rub Bar	
		Ref	Gear End Cover Assembly	
500	70050151	1	Cover	
501	70050085	1	Coupling, Drive	
502	70050086	1	Piston	
03	70050152	1	Gear	
504	9698960015	1	Piston, Cylinder	
505	9754960026	1	Ring, Retainer	
506	9843960032	1	Spring	
507	9209960026	1	Bushing	
508	9754960046	1	Ring, Retainer	
509	9754960047	1	Ring, Retainer	
510	9796960116	2	O-Ring	
511	9796960118	1	O-Ring	
512	9701960012	1	Plug	
513	9701960011	1	Plug	
514	70050761	8	Capscrew	
515	9949960050	8	Washer	
516	9796960188	1	O-Ring	
517	9701960018	1	Caplug (Not Shown)	
518	9183960001	1	Vent	

FIGURE 2-25. DRAG WINCH INSTALLATION - 35,000 LBS

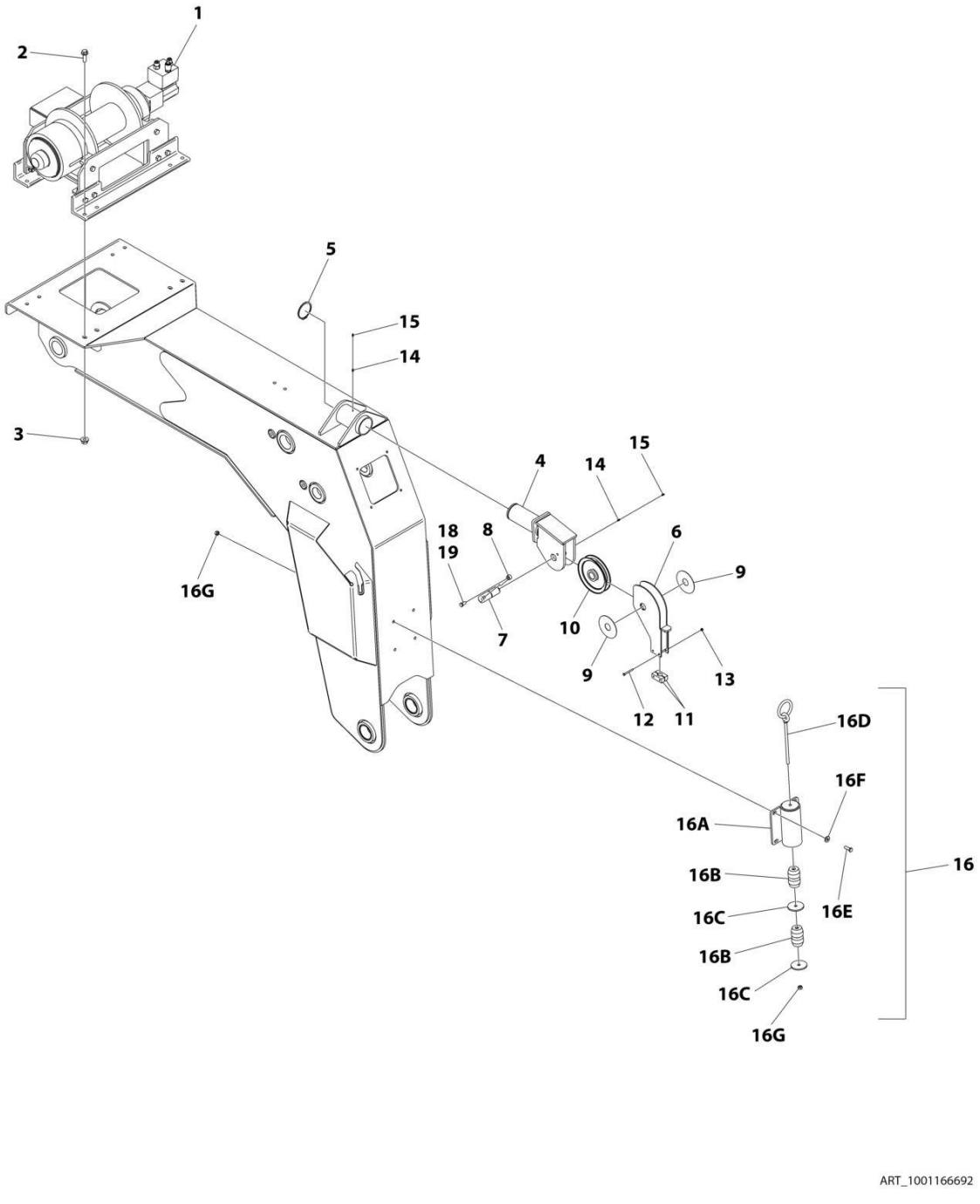
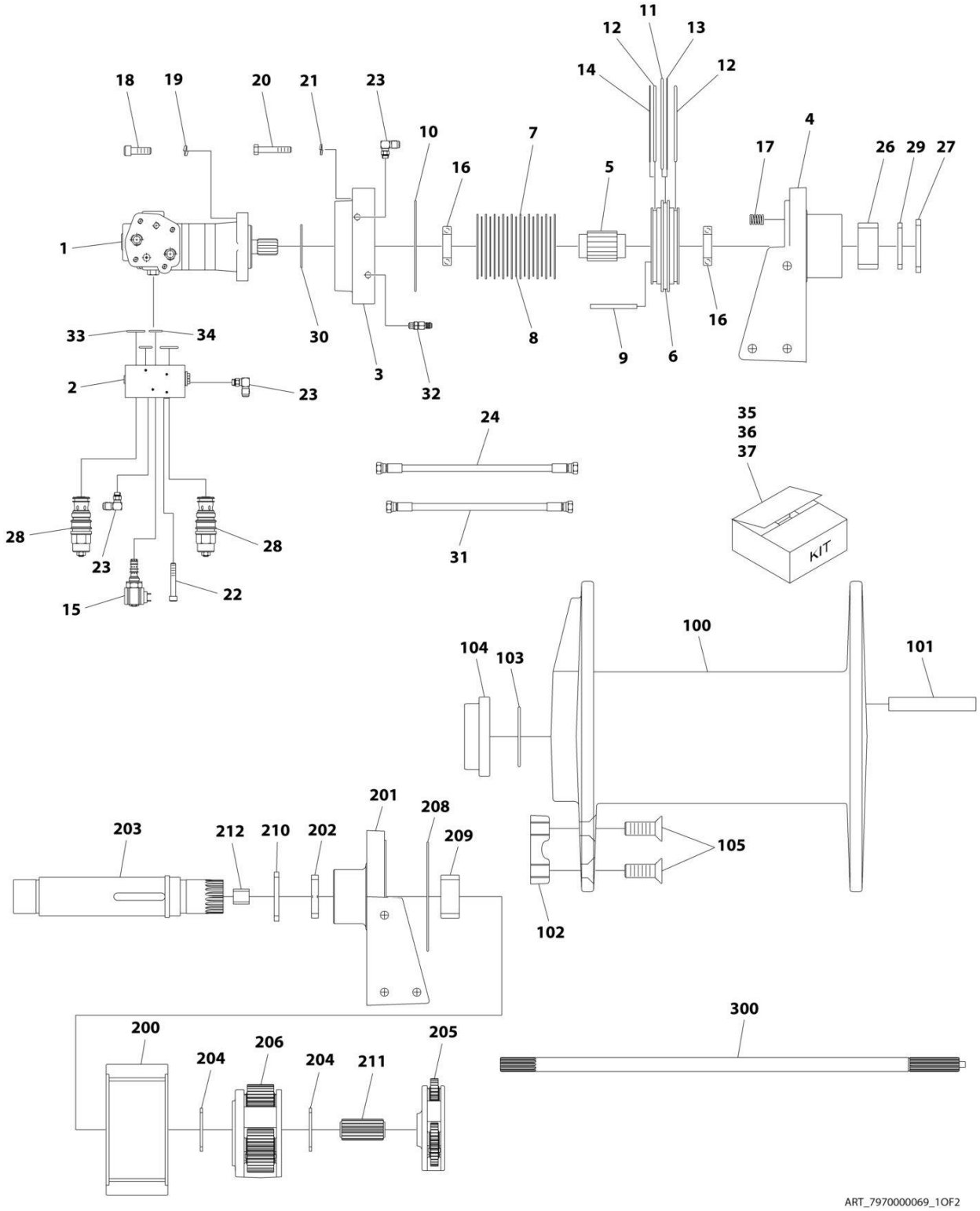


FIGURE 2-25. DRAG WINCH INSTALLATION - 35,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166692	Ref	DRAG WINCH INSTALLATION - 35,000 LBS	C
1	7970000069	1	DP Winch 35,000 lbs (See Separate Breakdown in this Section)	
2	7118201616	8	Bolt 5/8 x 2	
3	7661000018	8	Nut 5/8	
4	1001169617	1	Sheave Support	
5	7754000049	1	Retaining Ring	
6	3249000012	1	Cable Guide Weldment	
7	1001169893	1	Pin	
8	3841203	1	Rod, Keeper	
9	4949000045	2	Washer	
10	7809000006	1	Sheave	
11	4249000001	2	Cable Guide	
12	7115142050	2	Capscrew 1/4 x 2-1/2	
13	7660142604	2	Nut 1/4	
14	7440030000	2	Grease Fitting	
15	7253000002	2	Grease Fitting Cap	
16	3249000038	1	Cable Tie Back Assembly	
16A	3912000034	1	Tie Back Tube	
16B	7189000014	2	Spring	
16C	4831000115	2	Spacer	
16D	7120000053	1	Ring Bolt	
16E	7115181250	4	Bolt 1/2 x 1-1/2	
16F	7950180150	4	Washer 1/2	
16G	7660182601	5	Nut 1/2	
17	1001166518	1	Hydraulic Installation (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
18	7115180850	1	Bolt 33/64 x 1	
19	0100011	AR	Compound locking	

FIGURE 2-26. DP WINCH 35,000 LBS



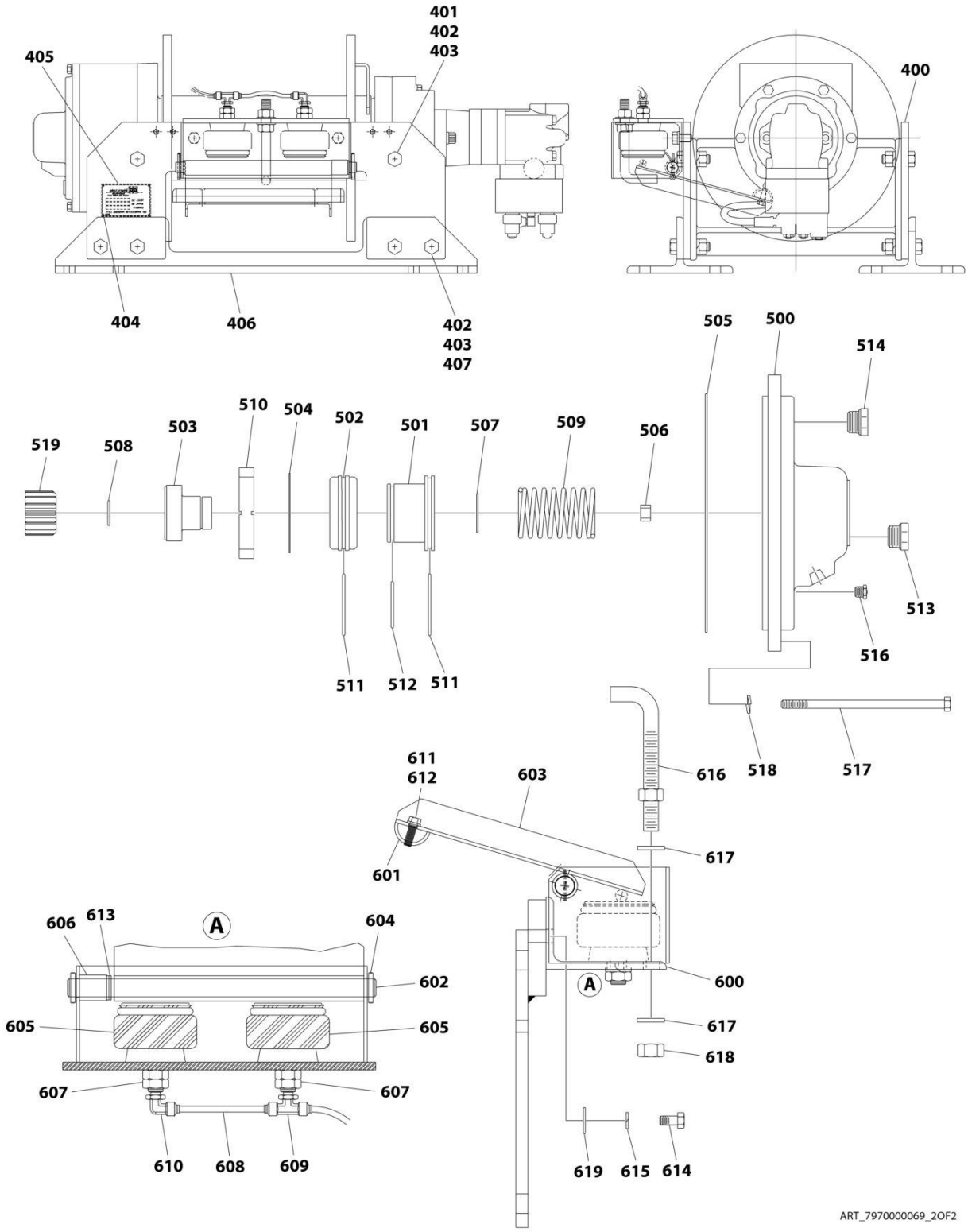

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FIGURE 2-26. DP WINCH 35,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7970000069	Ref	DP Winch 35,000 lbs	B
		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	Gear End Cover Assembly	
500	9314960022	1	Cover, Gear End	
501	9698960016	1	Piston	
502	9698960015	1	Cylinder, Piston	
503	9309960011	1	Coupling	
504	9754960026	1	Retainer Ring	
505	9796960120	1	O-Ring	
506	9209960026	1	Bushing	
507	9754960046	1	Retainer Ring	
508	9754960047	1	Retainer Ring	
509	9843960032	1	Spring	
510	9949960028	1	Thrust Washer	
511	9796960119	2	O-Ring	
512	9796960118	1	O-Ring	
513	9701960011	1	Plug	
514	9701960012	1	Plug	
515	9701960018	1	Plug (Not Shown)	
516	9183960001	1	Vent	
517	7118165250	12	Capscrew 3/8 x 6-1/2	
518	7950160000	12	Washer 3/8	
519	9472960054	1	Gear, 15 Teeth	
		Ref	Cable Hold Down Assembly	
600	9178960011	1	Mounting Bracket	
601	9020960002	1	Pivot Arm	
602	9064960007	1	Rub Bar	
603	9691960019	1	Pin	
604	9843960023	2	Air Spring	
605	9690960039	2	Cotter Pin	
606	7950180000	2	Washer 1/2	
607	7115181650	1	Capscrew 1/2 x 1	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
608	9949960012	2	Thrust Washer	
609	7660200200	4	Nut 5/8	
610	9120960063	2	Capscrew 5/16 x 1	
611	9912960010	3	Tubing	
612	7443000205	3	Adapter	
613	7443000204	1	Adapter	
614	9949960050	2	Washer 5/16	
615	9831960009	1	Spacer	
616	9120960019	1	Anchor Bolt	
617	7950200151	2	Washer 5/8	
618	7660200001	1	Nut 5/8	

FIGURE 2-27. DRAG WINCH INSTALLATION - 20,000 LBS DP

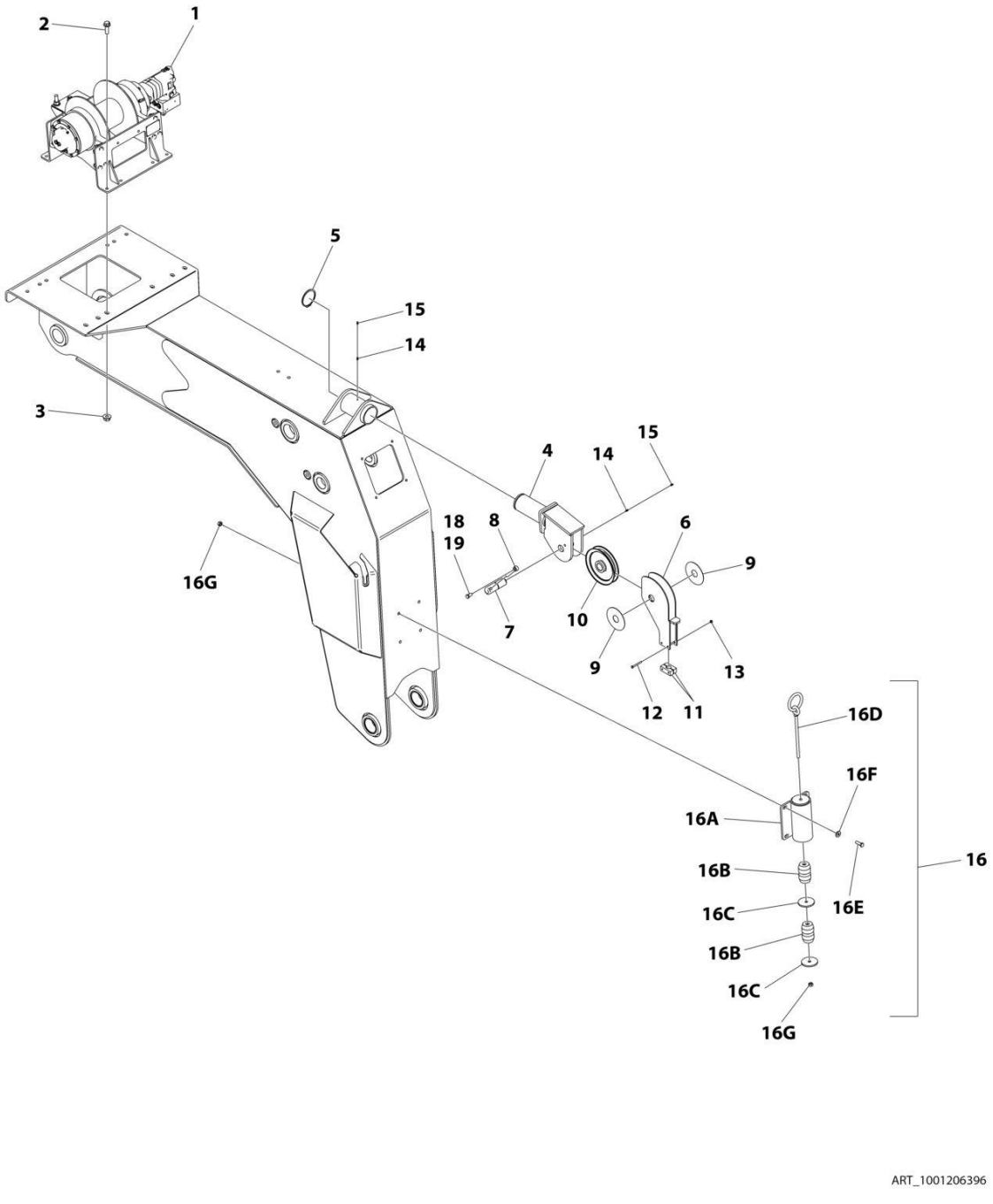
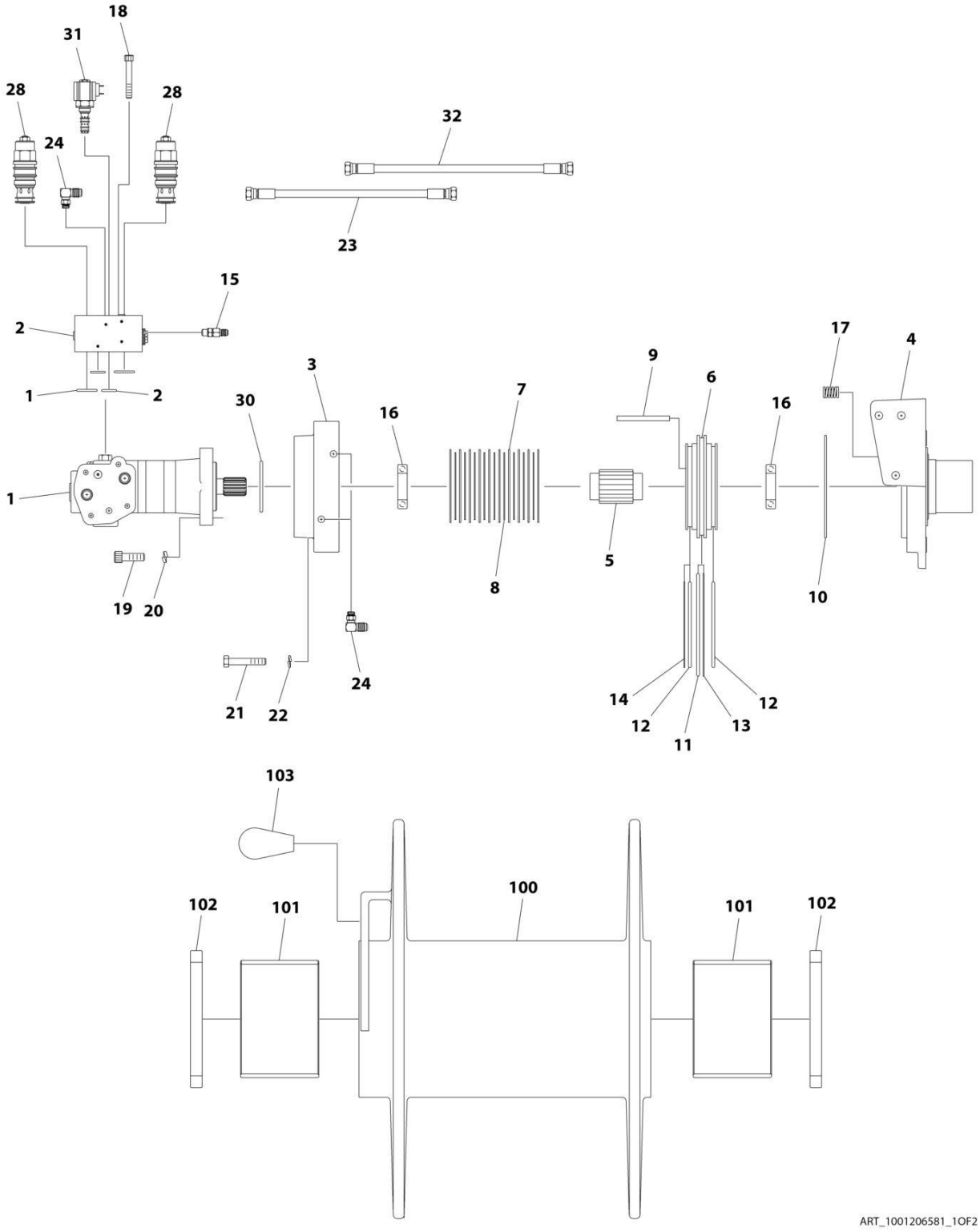


FIGURE 2-27. DRAG WINCH INSTALLATION - 20,000 LBS DP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206396	Ref	DRAG WINCH INSTALLATION - 20,000 LBS DP	B
1	1001206581	1	DP Winch 20,000 lbs (See Separate Breakdown in this Section)	
2	7118181216	8	Bolt 1/2 x 1/2	
3	7660182333	8	Nut 1/2	
4	1001169617	1	Sheave Support	
5	7754000049	1	Retaining Ring	
6	3249000012	1	Cable Guide Weldment	
7	1001169893	1	Pin	
8	3841203	1	Rod, Keeper	
9	4949000045	2	Washer	
10	1001157954	1	Sheave	
11	4249000001	2	Cable Guide	
12	7115142050	2	Bolt 1/4 x 2-1/2	
13	7660142604	2	Nut 1/4	
14	7440030000	2	Grease Fitting	
15	7253000002	2	Grease Fitting Cap	
16	3249000038	1	Cable Tie Back Assembly	
16A	3912000034	1	Tie Back Tube	
16B	7189000014	2	Spring	
16C	4831000115	2	Spacer	
16D	7120000053	1	Ring Bolt	
16E	7115181250	4	Bolt 1/2 x 1-1/2	
16F	7950180150	4	Washer 1/2	
16G	7660182601	5	Nut 1/2	
17	1001208072	1	Hydraulic Installation (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
18	7115180850	1	Bolt 33/64 x 1	
19	0100011	AR	Compound locking	

FIGURE 2-28. DP WINCH 20,000 LBS



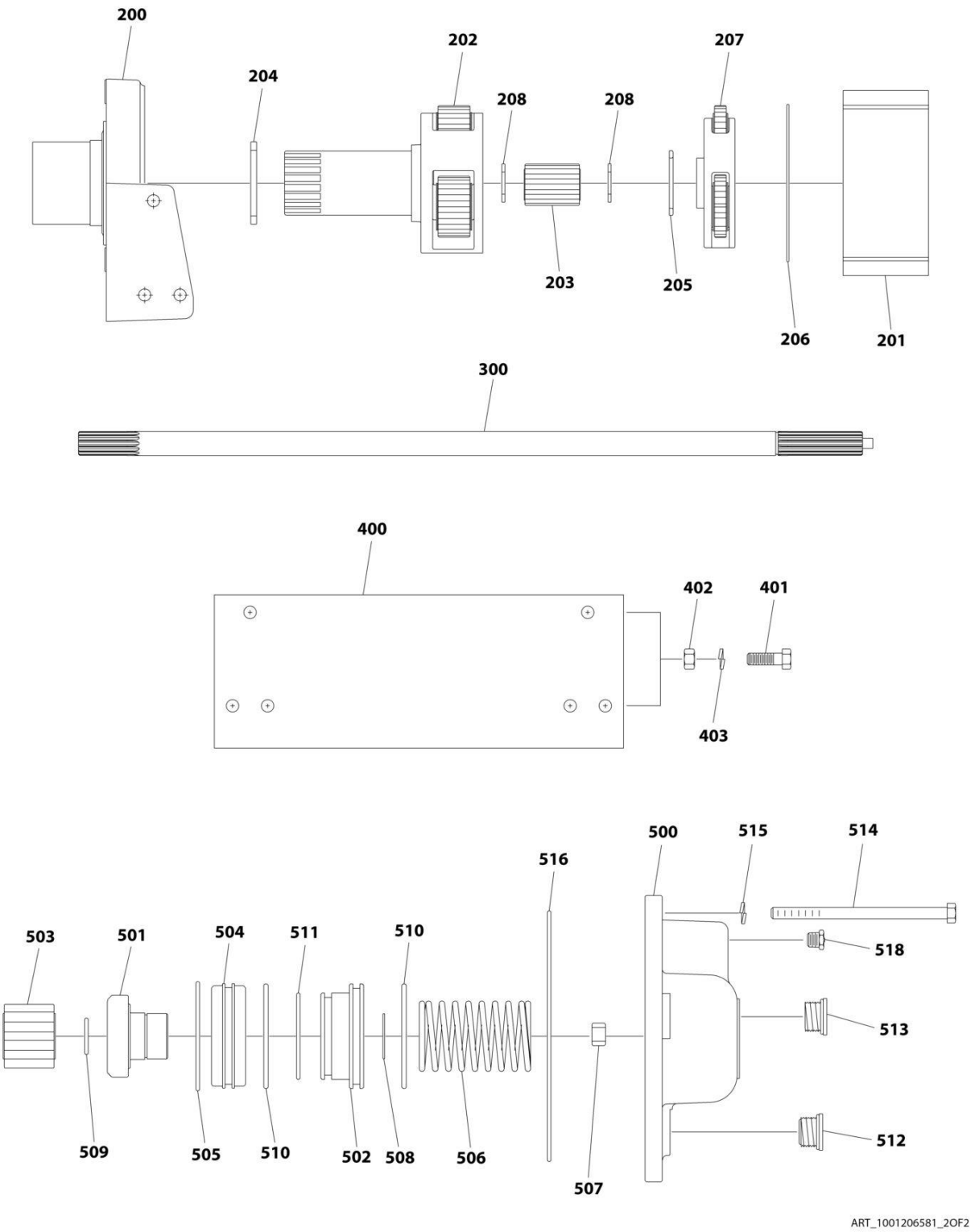

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FIGURE 2-28. DP WINCH 20,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206581	Ref	DP Winch 20,000 lbs	A
		Ref	Motor End Assembly	
1	70050367	1	Motor, Hydraulic	
1	9796960088	2	O-Ring	
2	70050368	1	Valve, Counterbalance	
2	70050369	2	O-Ring	
3	9571960006	1	Housing, Brake Outer	
4	70050742	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	9443960006	1	Adapter	
16	9082960013	2	Bearing	
17	9843960024	12	Compression Spring	
18	70050370	4	Capscrew 3/8 x 2-1/2	
19	7118181205	2	Capscrew 1/2 x 1-1/2	
20	7950180800	2	Washer 1/2	
21	7118172050	6	Capscrew 7/16 x 2-1/2	
22	7950170000	6	Washer 7/16	
23	70051309	1	Hose	
24	7445040445	3	Adapter	
25	70050401	1	Tag, Warning (Not Shown)	
28	9935960026	2	Cartridge	
30	9796960090	1	O-Ring	
31	70050371	1	Cartridge, Valve	
32	70050372	1	Hose	
		Ref	Cable Drum Assembly	
100	70050745	1	Drum	
101	70050746	2	Bearing	
102	70050747	2	Seal	
103	70050748	1	Wedge	
104	70050749	1	Wedge (Not Shown)	
		Ref	Gear End Assembly	
200	70050750	1	Support, Gear End	
201	70050139	1	Gear, Ring	
202	70050751	1	Carrier Assembly	
203	70050140	1	Gear	
204	70050752	1	Washer, Thrust - Nylon	
205	9949000056	1	Washer, Thrust - Nylon	
206	9796960188	1	O-Ring	
207	70050141	1	Carrier	
208	9949960057	2	Washer, Thrust	
		Ref	Input Shaft Assembly	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
300	70050753	1	Input Shaft	
		Ref	Base Mount Assembly	
400	70050754	2	Base, Angle	
401	70050755	12	Capscrew 1/2 x 1-1/2	
402	70050756	12	Nut 1/2	
403	7950180000	12	Washer 1/2	
404	70050384	1	Plate, Winch Information (Not Shown)	
405	70050147	4	Rivet (Not Shown)	
		Ref	Gear End Cover Assembly	
500	70050151	1	Cover	
501	70050085	1	Coupling, Drive	
502	70050086	1	Piston	
503	70050152	1	Gear	
504	9698960015	1	Piston, Cylinder	
505	9754960026	1	Ring, Retainer	
506	9843960032	1	Spring	
507	9209960026	1	Bushing	
508	9754960046	1	Ring, Retainer	
509	9754960047	1	Ring, Retainer	
510	9796960119	2	O-Ring	
511	9796960118	1	O-Ring	
512	9701960012	1	Plug	
513	9701960011	1	Plug	
514	70050761	8	Capscrew 5/16 x 4-3/4	
515	9949960050	8	Washer 5/16	
516	9796960188	1	O-Ring	
517	9701960018	1	Plug (Not Shown)	
518	9183960001	1	Vent	

FIGURE 2-29. DRAG WINCH INSTALLATION - 50,000 LBS DP

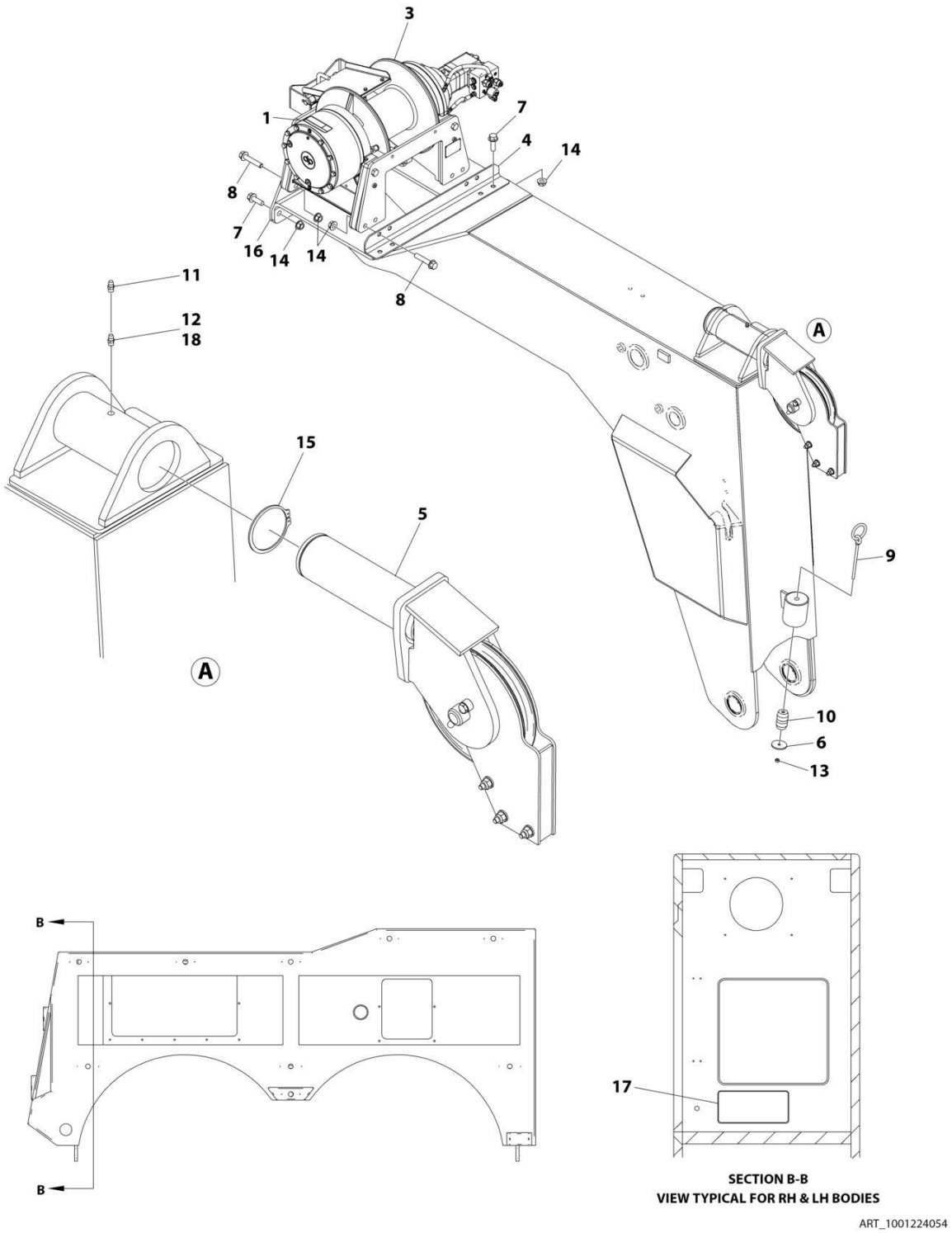


FIGURE 2-29. DRAG WINCH INSTALLATION - 50,000 LBS DP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224054	Ref	Drag Winch Installation - 50,000 lbs DP	B
1	1001142812	1	Decal	
2	1001166518	1	Hydraulic Installation (Not Shown - See HYDRAULIC Section)	
3	1001176364	1	DP Winch 50,000 lbs (See Separate Breakdown in this Section)	
4	1001224056	1	Bracket, Winch Mount Rear	
5	3249000009	1	Sheave Support	
6	4831000115	1	Spacer	
7	0812218	8	Screw 3/4 x 2-1/4	
8	0812232	8	Screw 3/4 x 4	
9	1001228871	1	Bolt	
10	7189000014	1	Spring	
11	7253000002	1	Grease Fitting Cap	
12	7440030000	1	Grease Fitting	
13	7660182601	1	Nut 1/2	
14	1001227079	16	Nut 3/4	
15	7754000059	1	Ring	
16	1001226717	1	Plate	
17	1001227308	2	Decal	
18	1001152707	AR	Lubricant	

FIGURE 2-30. RAMSEY DRAG WINCH - 50,000 LBS

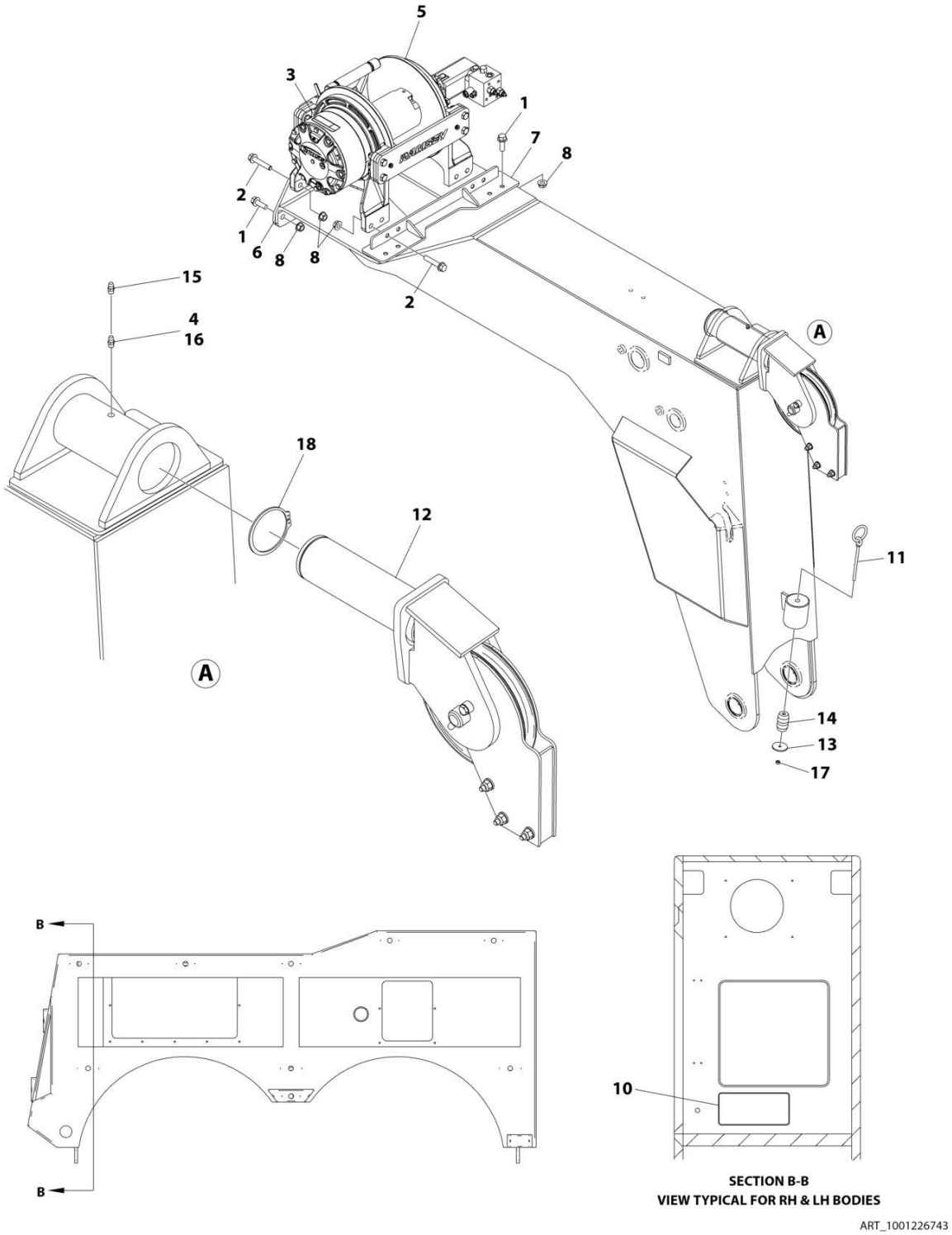


FIGURE 2-30. RAMSEY DRAG WINCH - 50,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226743	Ref	Ramsey Drag Winch - 50,000 lbs	A
1	0812218	8	Screw 3/4 x 2-1/4	
2	0812222	8	Screw 3/4 x 2-3/4	
3	1001142812	1	Decal	
4	1001152707	AR	Lubricant	
5	1001226712	1	Ramsey Hercules 50,000 lbs RH (See Separate Breakdown in this Section)	
6	1001226713	1	Plate	
7	1001226714	1	Plate	
8	1001227079	16	Nut 3/4	
9	1001227081	1	Hydraulic Installation (Not Shown - See HYDRAULIC Section)	
10	1001227308	1	Decal	
11	1001228871	1	Bolt	
12	3249000009	1	Sheave Support	
13	4831000115	1	Spacer	
14	7189000014	1	Spring	
15	7253000002	1	Grease Fitting Cap	
16	7440030000	1	Grease Fitting	
17	7660182601	1	Nut 1/2	
18	7754000059	1	Ring	

FIGURE 2-31. RAMSEY DRAG WINCH - 35,000 LBS

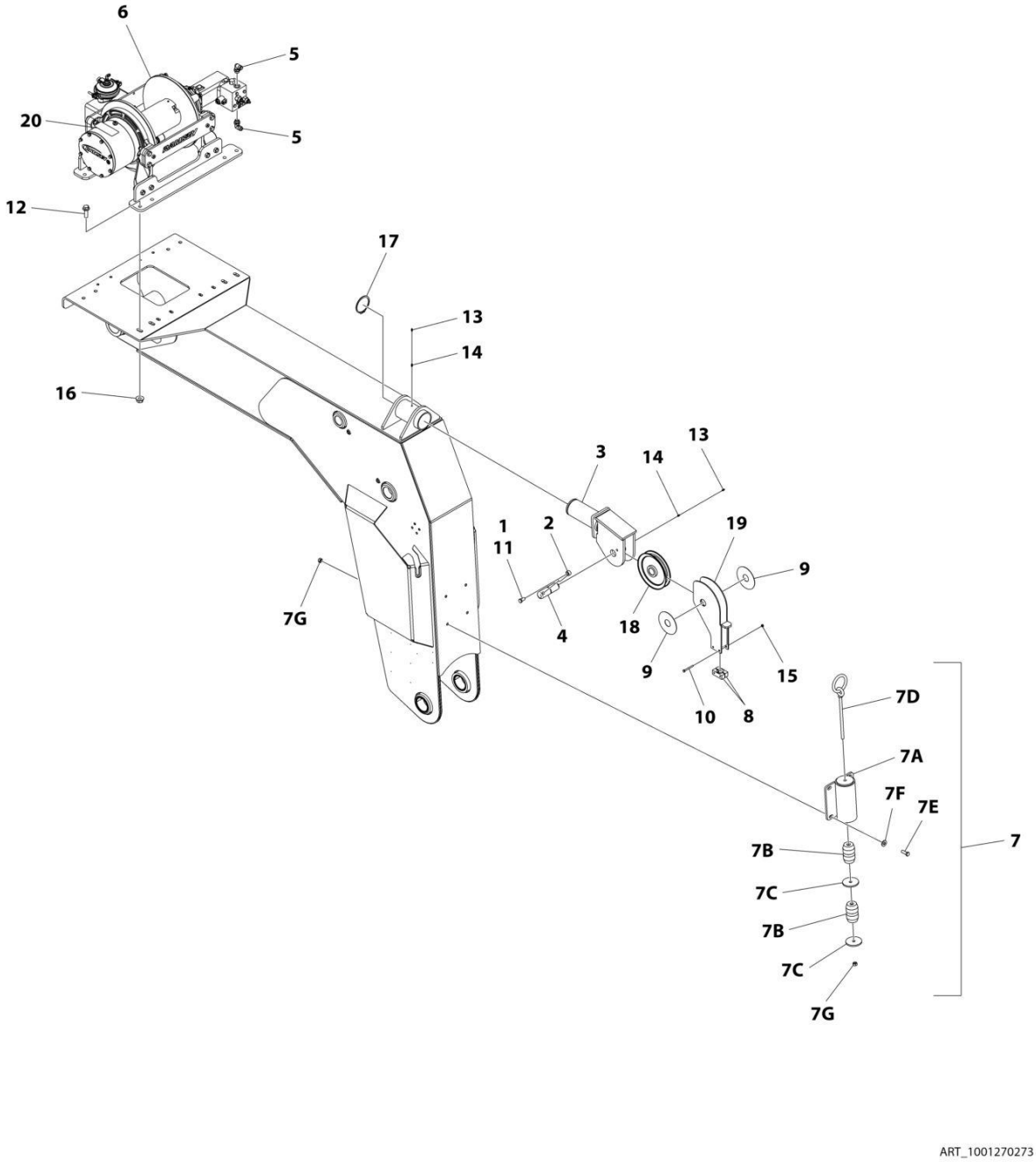
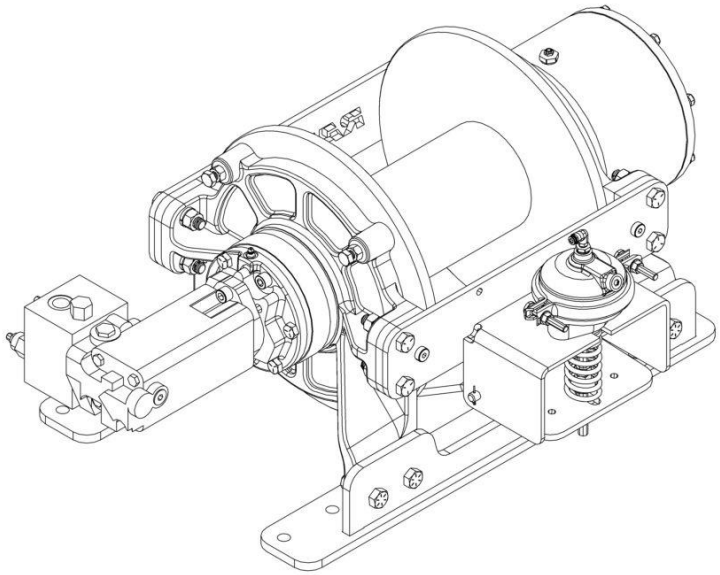


FIGURE 2-31. RAMSEY DRAG WINCH - 35,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270273	Ref	RAMSEY DRAG WINCH - 35,000 LBS	A
1	0100011	AR	Compound locking	
2	3841203	1	Rod	
3	1001169617	1	Sheave Support Weldment	
4	1001169893	1	Pin	
5	1001227081	1	Hydraulic Installation (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
6	1001269205	1	Ramsey Hercules 35,000 lbs (See Separate Breakdown in this Section)	
7	3249000038	1	Cable Tie Back Assembly	
8	4249000001	2	Cable Guide	
9	4949000045	2	Washer	
10	7115142050	2	Bolt 1/4 x 2-1/2	
11	7115180850	1	Bolt 1/2 x 1	
12	7118201616	8	Bolt 5/8 x 2	
13	7253000002	2	Grease Fitting Cap	
14	7440030000	2	Grease Fitting	
15	7660142604	2	Nut 1/4	
16	7661000018	8	Nut 5/8	
17	7754000049	1	Retaining Ring	
18	7809000006	1	Sheave	
19	3249000012	1	Cable Guide Weldment	
20	1001142812	1	Decal	

FIGURE 2-32. RAMSEY HERCULES WINCH 35,000 LBS



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FIGURE 2-32. RAMSEY HERCULES WINCH 35,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269205	Ref	RAMSY HERCULES WINCH 35,000 LBS	A
		Ref	Note: No Service Parts Available at Time of Printing	

FIGURE 2-33. AUXILIARY WINCH CABLE TIE-BACK INSTALLATION

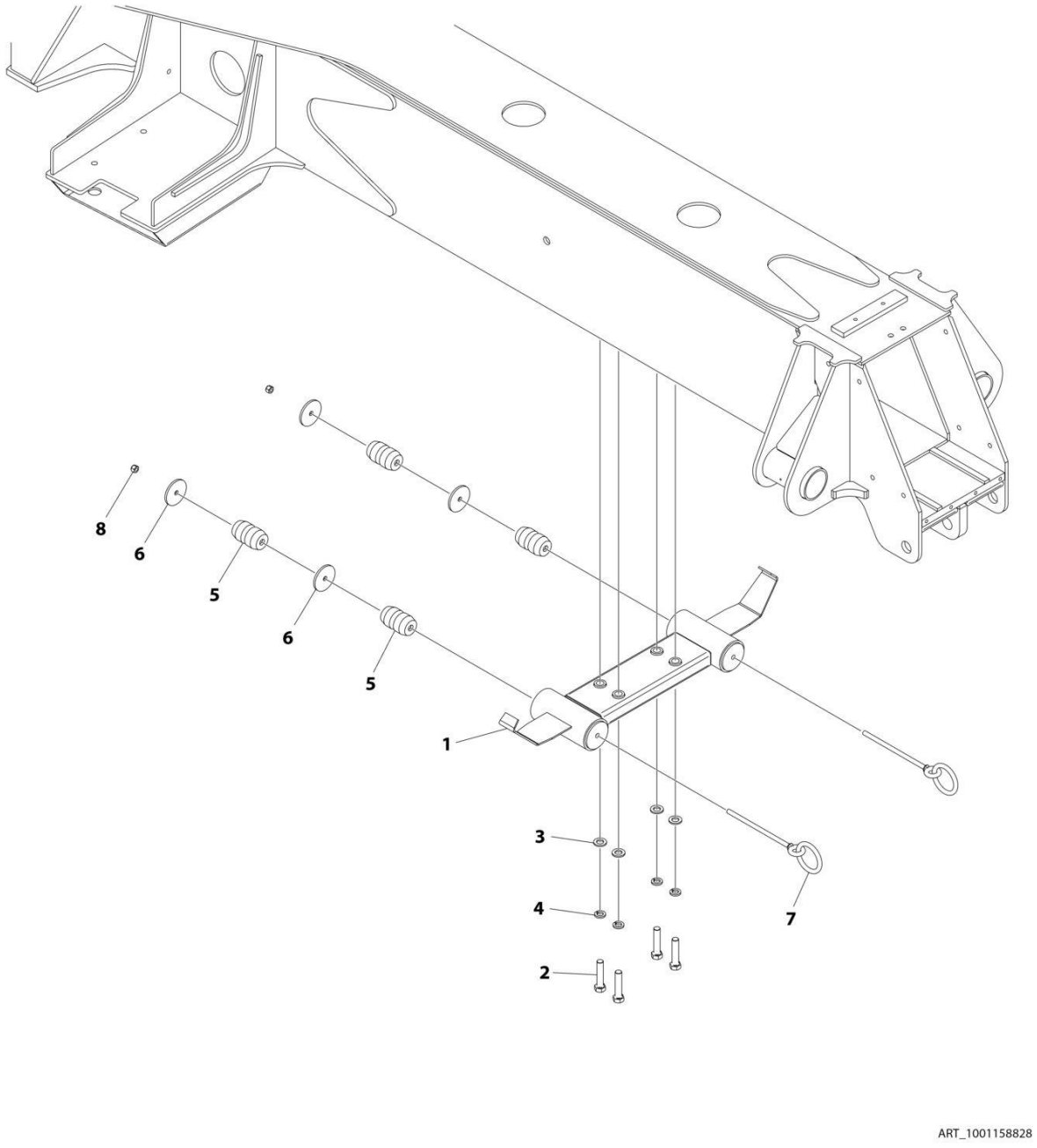


FIGURE 2-33. AUXILIARY WINCH CABLE TIE-BACK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158828	Ref	Auxiliary Winch Cable Tie-Back Installation	C
1	1001158198	1	Bracket, Cable Tie-Back	
2	7118222850	4	Capscrew 3/4 x 3-1/2	
3	7950220141	4	Washer 3/4	
4	7950220000	4	Washer 3/4	
5	7189000014	4	Spring	
6	4831000115	4	Spacer	
7	7120000053	2	Ring Bolt 1/2 x 10	
8	7660182601	2	Nut 1/2	

FIGURE 2-34. HOUSE LOCK INSTALLATION

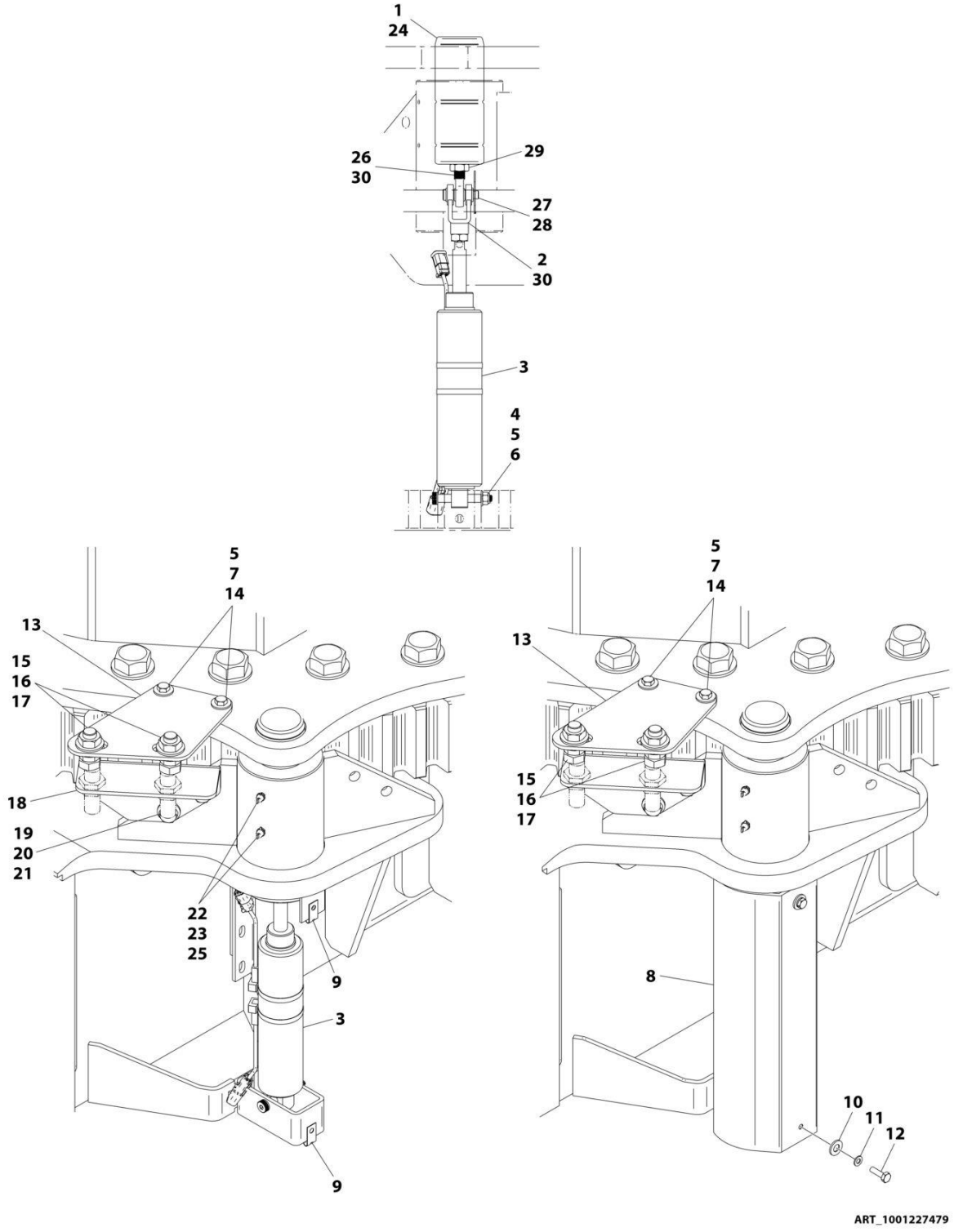


FIGURE 2-34. HOUSE LOCK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227479	Ref	HOUSE LOCK INSTALLATION	C
1	1001227480	1	Pin	
2	1001238939	1	Clevis	
3	1001227482	1	Cylinder	
4	1001227657	1	Bolt 3/8 x 2	
5	7950150143	5	Washer 5/16	
6	7660152604	1	Nut 5/16	
7	0641508	4	Bolt 5/16 x 1	
8	1001227485	1	Cover	
9	7661000019	2	U-Nut 1/4	
10	7950140153	3	Washer 1/4	
11	7950140003	2	Washer 1/4	
12	7114140650	2	Bolt 1/4 x 3/4	
13	1001238669	2	Plate	
14	4761500	4	Washer 5/16	
15	4712000	8	washer 5/8	
16	7105201250	4	Bolt 5/8 x 1-1/2	
17	3322002	8	Nut 5/8	
18	1001238670	1	Plate	
19	4711800	4	Washer 1/2	
20	0651812	2	Bolt 1/2 x 1-1/2	
21	7660182631	2	Nut 1/2	
22	7440030000	2	Grease Fitting	
23	7253000002	2	Grease Fitting Cap	
24	3020039	AR	Lubricant	
25	3020029	AR	Bearing Grease	
26	1001238873	1	Ball Joint Pin	
27	1001238874	1	Pin	
28	1001238941	2	Sleeve	
29	7660180234	1	Nut	
30	0100011	AR	Compound locking	

FIGURE 2-35. HEADBOARD INSTALLATION

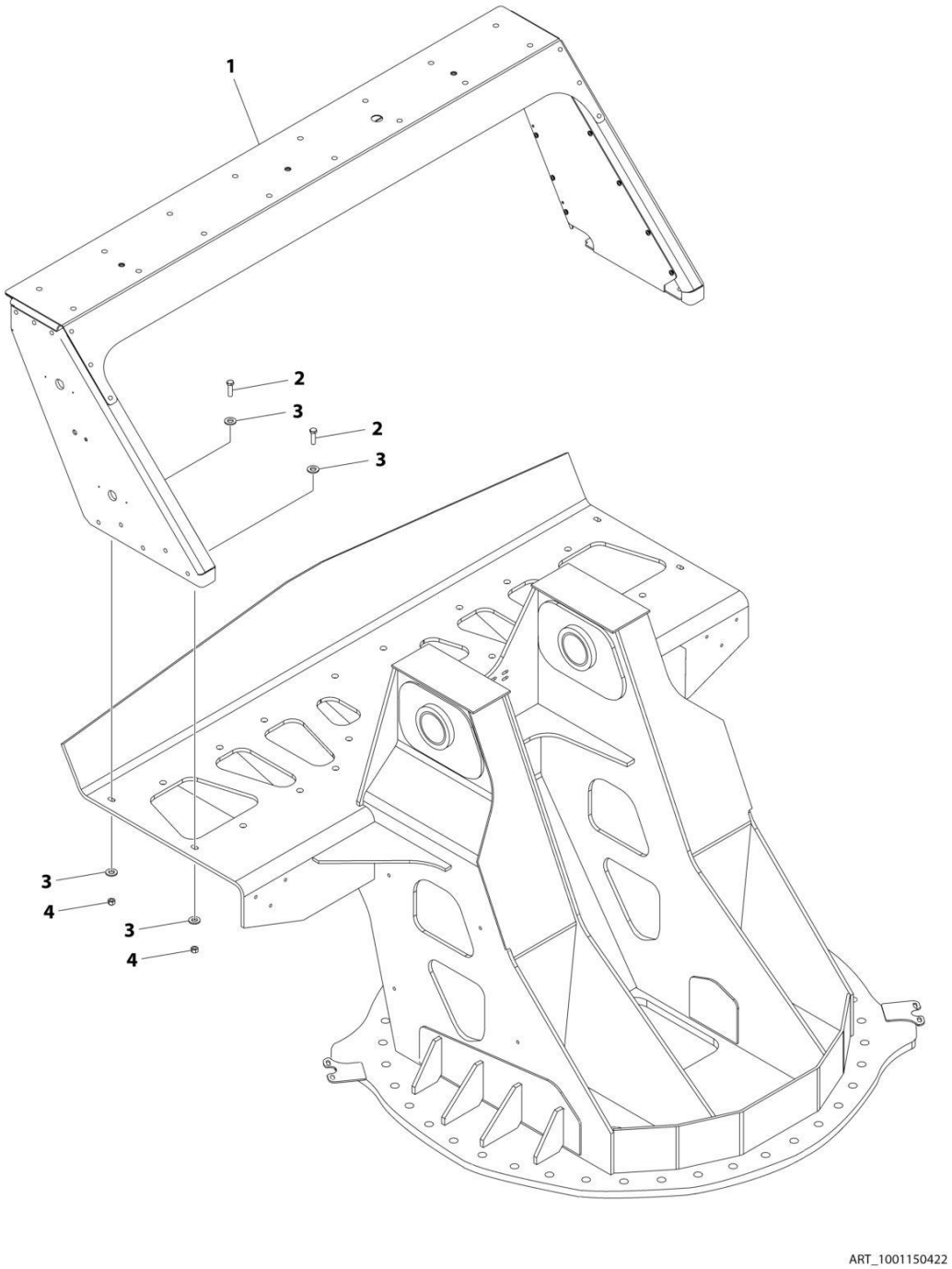


FIGURE 2-35. HEADBOARD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150422	Ref	Headboard Installation	A
1	1001150180	1	Headboard Assembly (See Separate Breakdown in this Section)	
2	7115181450	4	Capscrew 1/2 x 1-3/4	
3	7950180161	8	Washer 1/2	
4	7660182601	4	Nut 1/2	

FIGURE 2-36. HEADBOARD ASSEMBLY

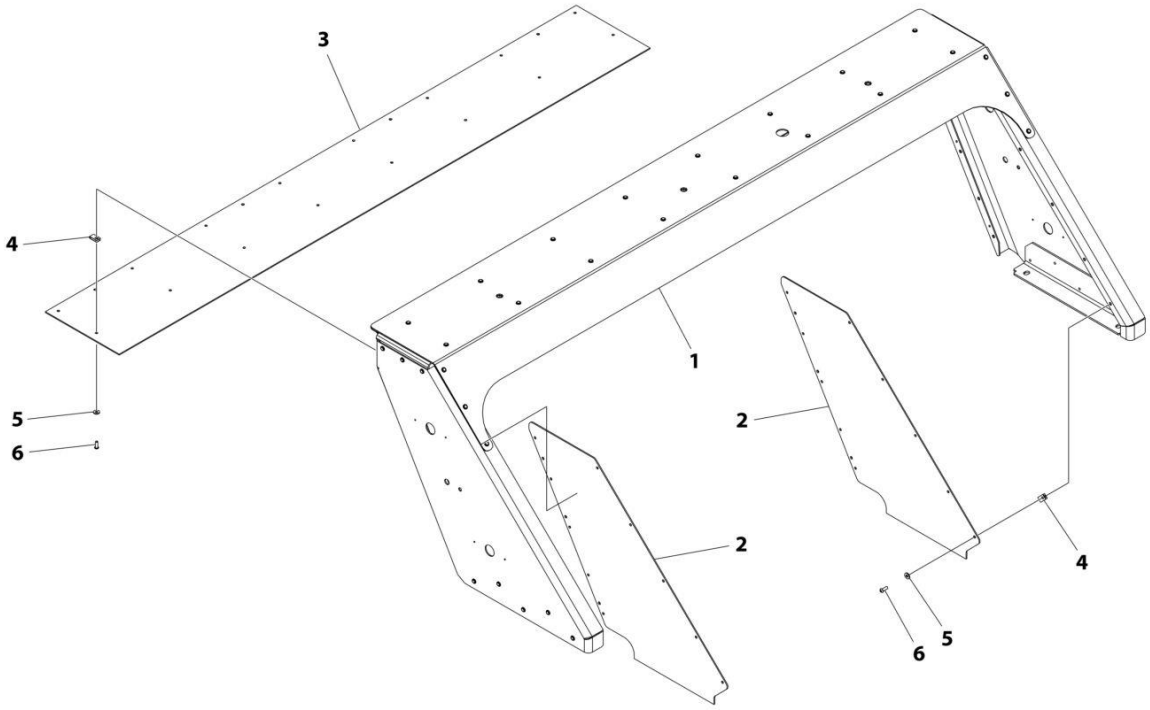


FIGURE 2-36. HEADBOARD ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150180	Ref	Headboard Assembly	B
1	1001150151	1	Headboard Bondment	
2	1001129818	2	Panel, Headboard Cover LH and RH	
3	1001129820	1	Panel, Headboard Cover Top	
4	7661000019	36	U-Nut 1/4	
5	7950140143	36	Washer 1/4	
6	7114140618	36	Capscrew 1/4	

FIGURE 2-37. PYLON VANITY COVERS JERR-DAN INSTALLATION

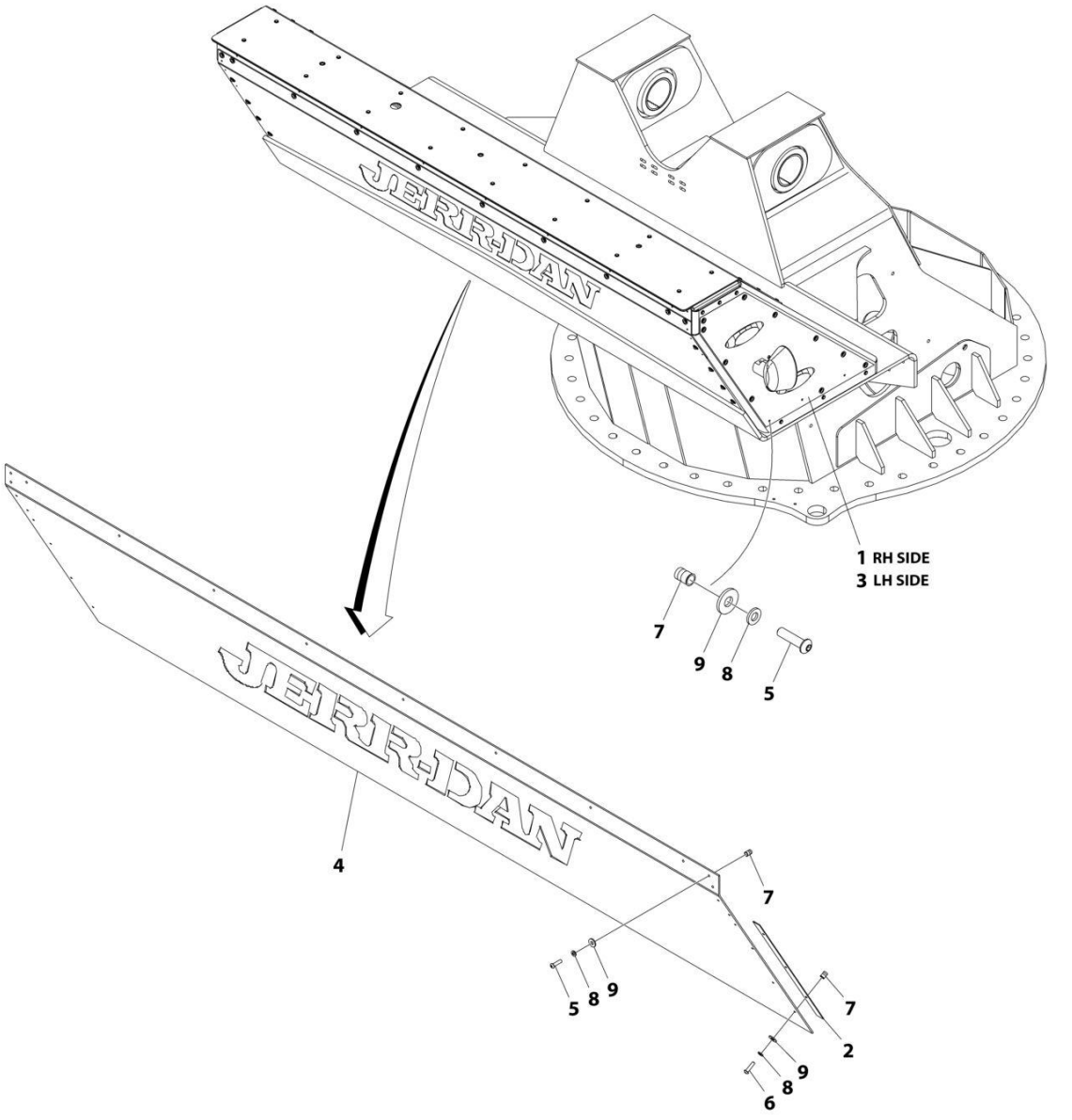


FIGURE 2-37. PYLON VANITY COVERS JERR-DAN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223701	Ref	Pylon Vanity Covers Jerr-Dan Installation	A
1	1001219186	1	Plate RH Side	
2	1001219187	2	Shim	
3	1001219194	1	Plate LH Side	
4	1001223699	1	Plate	
5	7114140518	34	Capscrew 1/4 x 5/8	
6	7114140618	6	Capscrew 1/4 x 3/4	
7	7413000002	40	Nutsert 1/4	
8	7950140003	40	Washer 1/4	
9	7950140143	40	Washer 1/4	
10	8892040001	5.33 ft	Tape (Not Shown)	

FIGURE 2-38. PYLON VANITY BR INSTALLATION

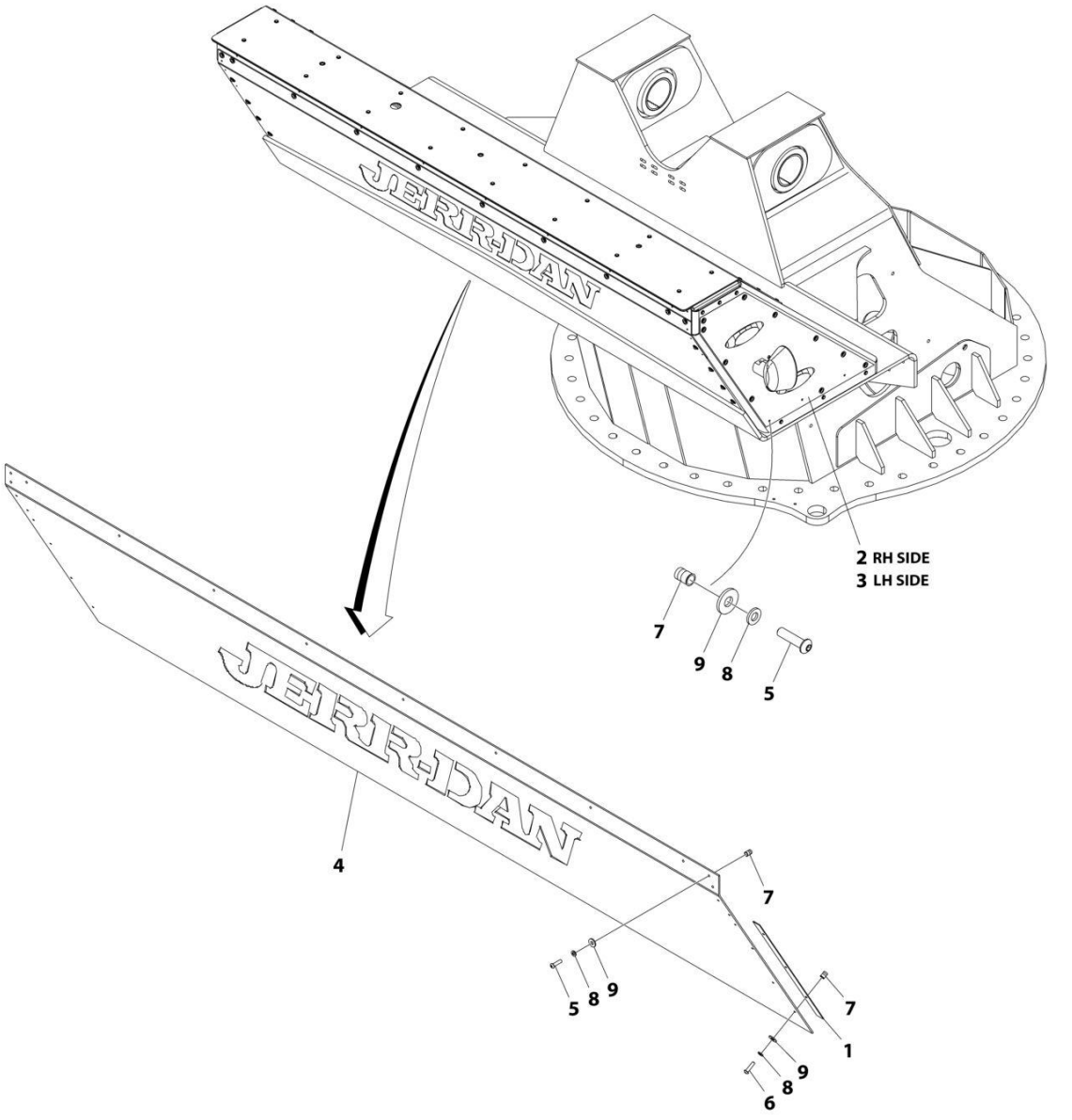


FIGURE 2-38. PYLON VANITY BR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225109	Ref	Pylon Vanity BR Installation	A
1	1001219187	2	Shim	
2	1001225106	1	Plate RH Side	
3	1001225107	1	Plate LH Side	
4	1001225108	1	Plate	
5	7114140518	34	Capscrew 1/4 x 5/8	
6	7114140618	6	Capscrew 1/4 x 3/4	
7	7413000002	40	Nutsert 1/4	
8	7950140003	40	Washer 1/4	
9	7950140143	40	Washer 1/4	
10	8892040001	5.33 ft	Tape (Not Shown)	

FIGURE 2-39. PYLON VANITY COVERS BLANK INSTALLATION

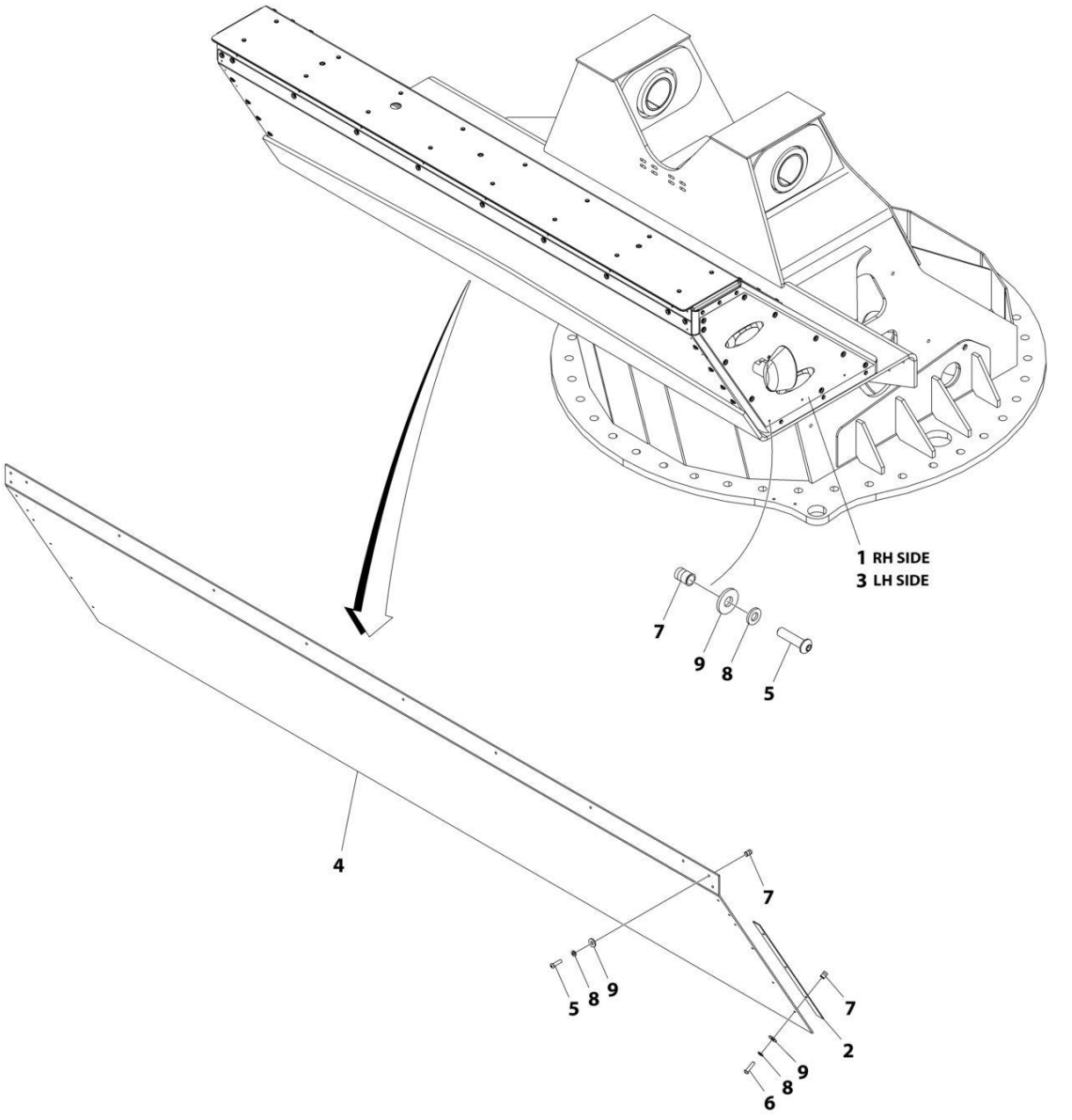


FIGURE 2-39. PYLON VANITY COVERS BLANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231693	Ref	Pylon Vanity Covers Blank Installation	A
1	1001219186	1	Plate RH Side	
2	1001219187	2	Shim	
3	1001219194	1	Plate LH Side	
4	1001231695	1	Plate	
5	7114140518	34	Capscrew 1/4 x 5/8	
6	7114140618	6	Capscrew 1/4 x 3/4	
7	7413000002	40	Nutsert 1/4	
8	7950140003	40	Washer 1/4	
9	7950140143	40	Washer 1/4	
10	8892040001	5.33 ft	Tape (Not Shown)	

FIGURE 2-40. PYLON VANITY COVERS BLANK BR INSTALLATION

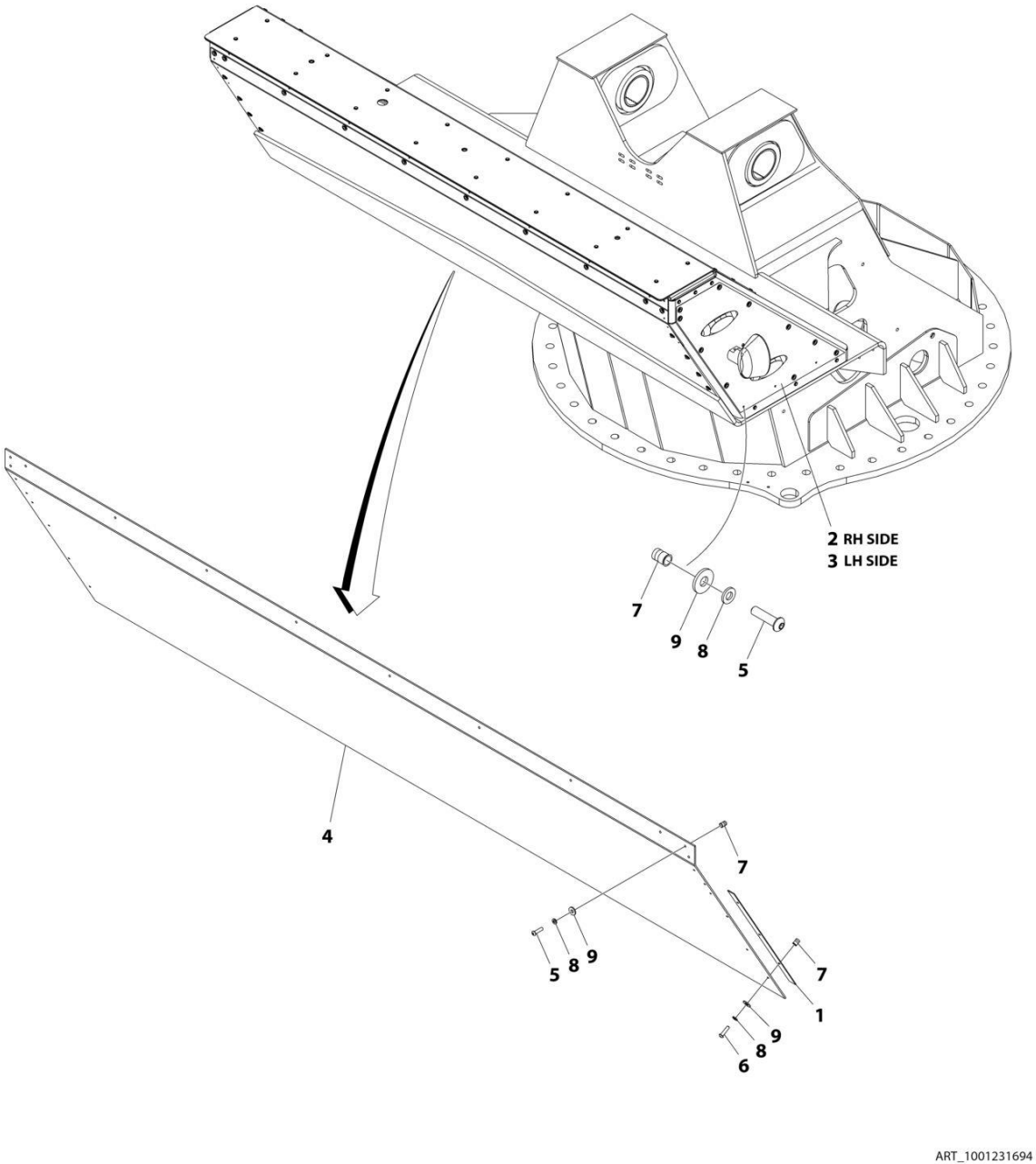


FIGURE 2-40. PYLON VANITY COVERS BLANK BR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231694	Ref	Pylon Vanity Covers Blank BR Installation	A
1	1001219187	2	Shim	
2	1001225106	1	Plate RH Side	
3	1001225107	1	Plate LH Side	
4	1001231696	1	Plate	
5	7114140518	34	Capscrew 1/4 x 5/8	
6	7114140618	6	Capscrew 1/4 x 3/4	
7	7413000002	40	Nutsert 1/4	
8	7950140003	40	Washer 1/4	
9	7950140143	40	Washer 1/4	
10	8892040001	5.33 ft	Tape (Not Shown)	

SECTION 3 - UNDERLIFT

SECTION 3 - UNDERLIFT

FIGURE 3-1. UNDERLIFT 350X BOOM COACH INSTALLATION 20,000/35,000 LBS

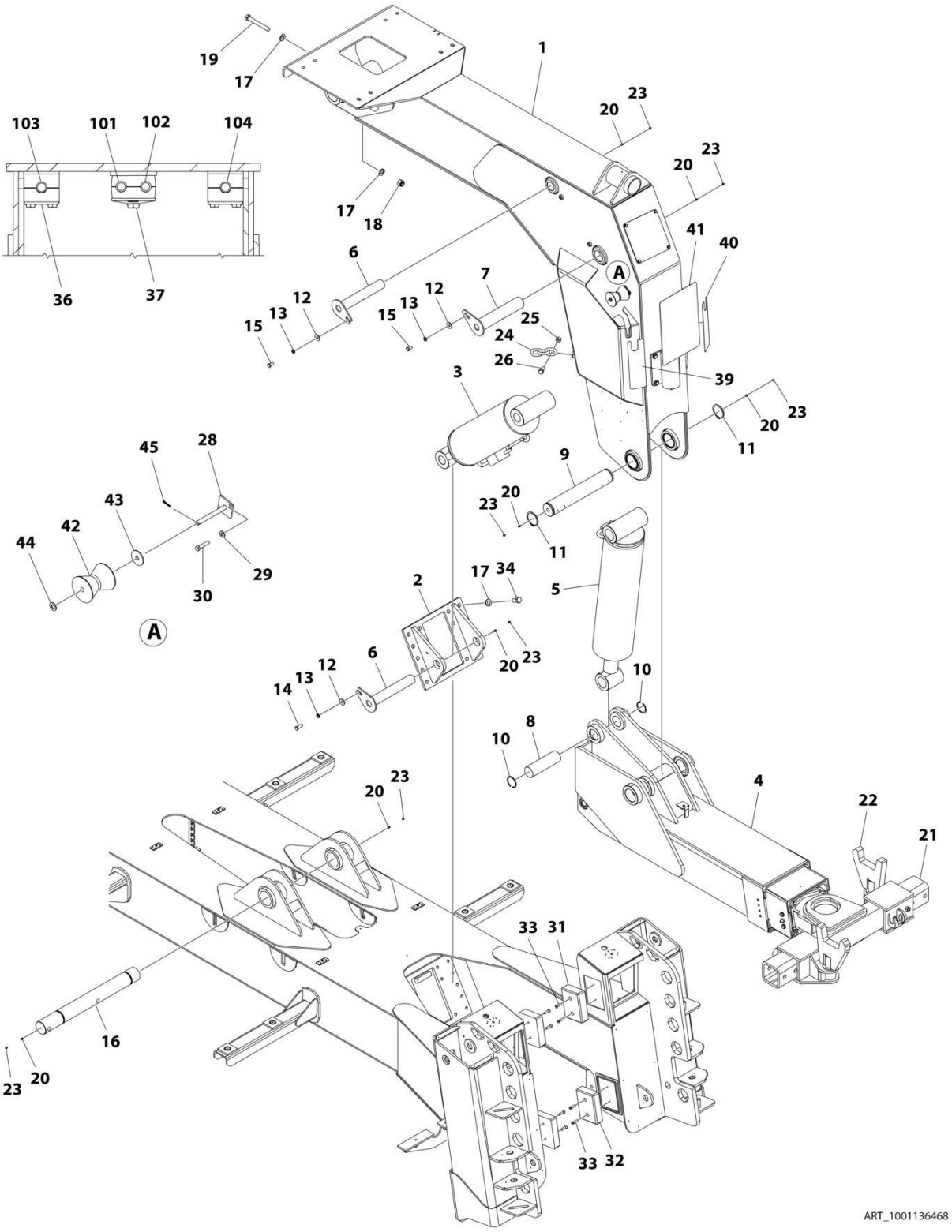


FIGURE 3-1. UNDERLIFT 350X BOOM COACH INSTALLATION 20,000/35,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001136468	Ref	UNDERLIFT 350X BOOM COACH INSTALLATION 20,000/35,000 LBS	H
1	1001128440	1	Underlift Knee Boom	
2	1001128450	1	Bracket, Lift Cylinder Support	
3	7320000040	1	Underlift Lift Cylinder Assembly (See Separate Breakdown in this Section)	
4	3170000433	1	Underlift Boom Assembly - 30,000 lbs (See Separate Breakdown in this Section)	
5	7320000039	1	Underlift Tilt Cylinder Assembly (See Separate Breakdown in HYDRAULIC Section)	
6	3691000171	2	Pin	
7	3691000160	1	Pin	
8	4691000317	1	Pin	
9	4691000311	1	Pin	
10	7754000051	2	Retaining Ring	
11	7754000018	2	Retaining Ring	
12	7950180161	3	Washer 1/2	
13	7950180000	3	Washer 1/2	
14	7115181250	1	Capscrew 1/2 x 1-1/2	
15	7115180850	2	Bolt 1/2 x 1	
16	1001128697	1	Pin	
17	7950220141	18	Washer 3/4	
18	7660222601	1	Nut 3/4	
19	682248	1	Bolt 3/4 x 6	
20	7440030000	7	Grease Fitting	
21	2503880012	1	Crosstube Installation (See Separate Breakdown in this Section)	
22	2503870011	1	Underlift Tools - Frame Forks (See Separate Breakdown in ACCESSORIES Section)	
23	7253000002	7	Grease Fitting Cap	
24	7262000025	2	Chain	
25	7660202601	2	Nut 5/8	
26	7115201250	2	Bolt 5/8 x 1-1/2	
27	1001133895	1	Pipe, Tube Kit Knee Boom (includes items 101 thru 104) (Not Shown)	
28	1001172053	2	Bracket	
29	7950160141	4	Washer 3/8	
30	7115161450	4	Bolt 3/8 x 1-3/4	
31	1001129534	2	Pad, Top	
32	1001129535	2	Pad, Bottom	
33	7115161223	8	Capscrew 3/8 x 1-1/2	
34	682212	16	Bolt 3/4 x 1-1/2	
36	1001136559	8	Clamp	
37	1001136447	4	Clamp	
38	1001213978	1	Hydraulic Installation (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
39	1001151184	1	Decal, Wear - LH	
40	1001151185	1	Decal, Wear - RH	
41	1001151049	1	Decal, Wear	
42	1001172054	2	Roller, Chain	
43	7949000015	2	Washer	
44	7950180141	2	Washer 1/2	

SECTION 3 - UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	7691000042	2	Pin	
101	1001133893	1	Pipe,Tube - UL Ext	
102	1001133894	1	Pipe,Tube - UL Ext	
103	7912000241	1	Tube	
104	7912000240	1	Tube	

FIGURE 3-2. UNDERLIFT 350X BOOM ASSEMBLY

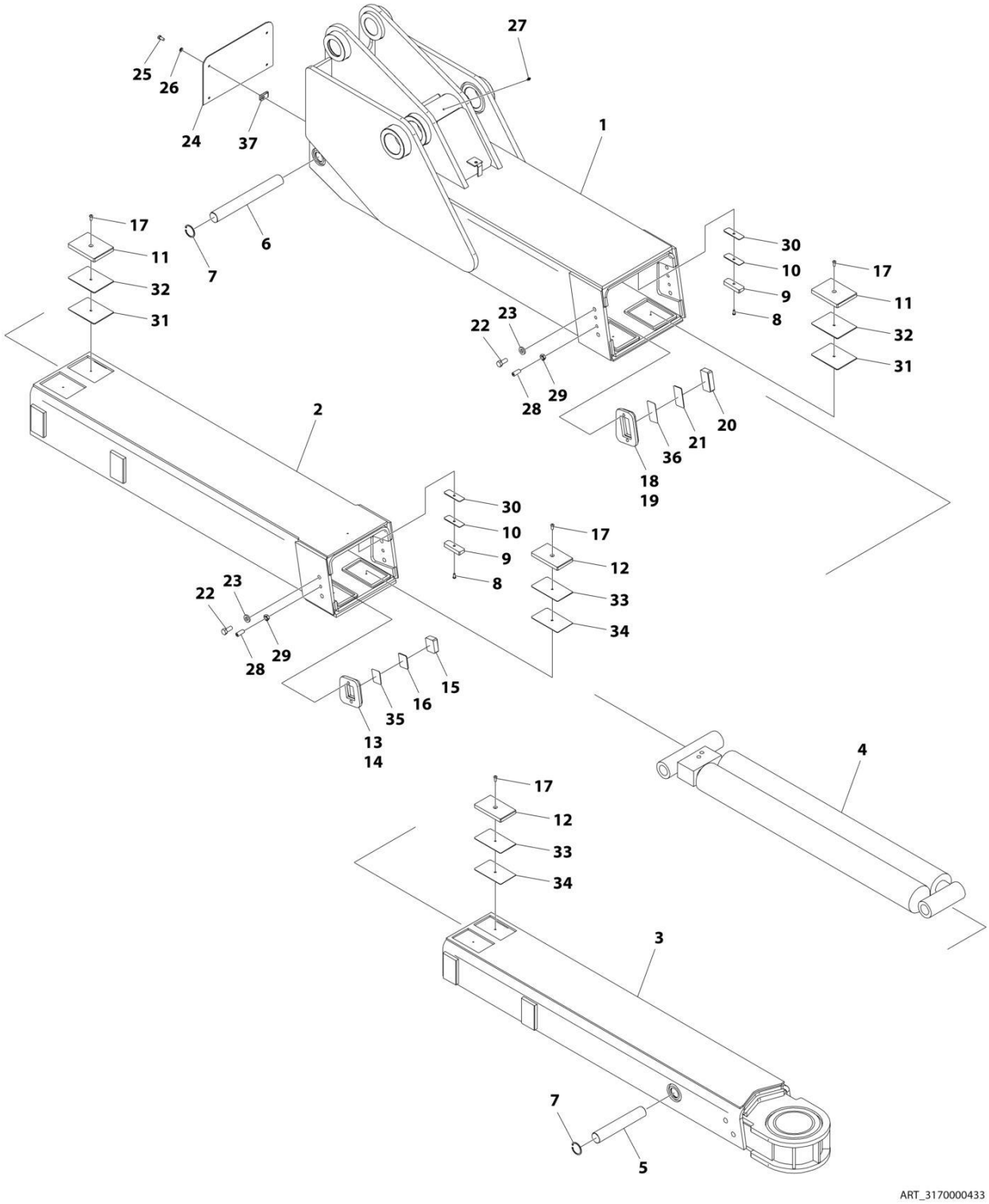


FIGURE 3-2. UNDERLIFT 350X BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3170000433	Ref	UNDERLIFT 350X BOOM ASSEMBLY	D
1	3170000432	1	Base Section Boom Weldment	
2	3170000431	1	Mid Section Boom Weldment	
3	3170000430	1	Fly Section Boom Weldment	
4	7320000076	1	Underlift Extension Cylinder Assembly (See Separate Breakdown in this Section)	
5	4691000318	1	Pin	
6	4691000316	1	Pin	
7	7754000043	4	Retaining Ring	
8	7114140518	2	Capscrew 1/4 x 5/8	
9	4679000159	2	Pad	
10	4706003708	2	Plate	
11	4679000161	4	Pad	
12	4679000158	4	Pad	
13	3706000177	1	Plate	
14	3706000178	1	Plate	
15	4679000206	2	Pad	
16	4706003144	2	Plate	
17	7114140418	8	Capscrew 1/4 x 1/2	
18	3706000179	1	Plate - LH	
19	3706000180	1	Plate - RH	
20	4679000205	2	Pad	
21	4706003719	2	Plate	
22	7105180850	8	Bolt 1/2 x 1	
23	7950170153	8	Washer 1/2	
24	4706002467	1	Plate	
25	7115140650	4	Bolt 1/4 x 3/4	
26	7950140000	4	Washer 1/4	
27	7440030000	1	Grease Fitting	
28	7786000008	6	Screw 1/2 x 1-1/4	
29	7660180230	6	Nut 1/2	
30	4706003709	4	Plate	
31	4706003721	4	Plate	
32	4706003722	4	Plate	
33	4706003723	4	Plate	
34	4706003724	4	Plate	
35	4706003725	2	Plate	
36	4706003720	2	Plate	
37	7253000002	5	Grease Fitting Cap	

FIGURE 3-3. UNDERLIFT EXTENSION CYLINDER ASSEMBLY - 350X

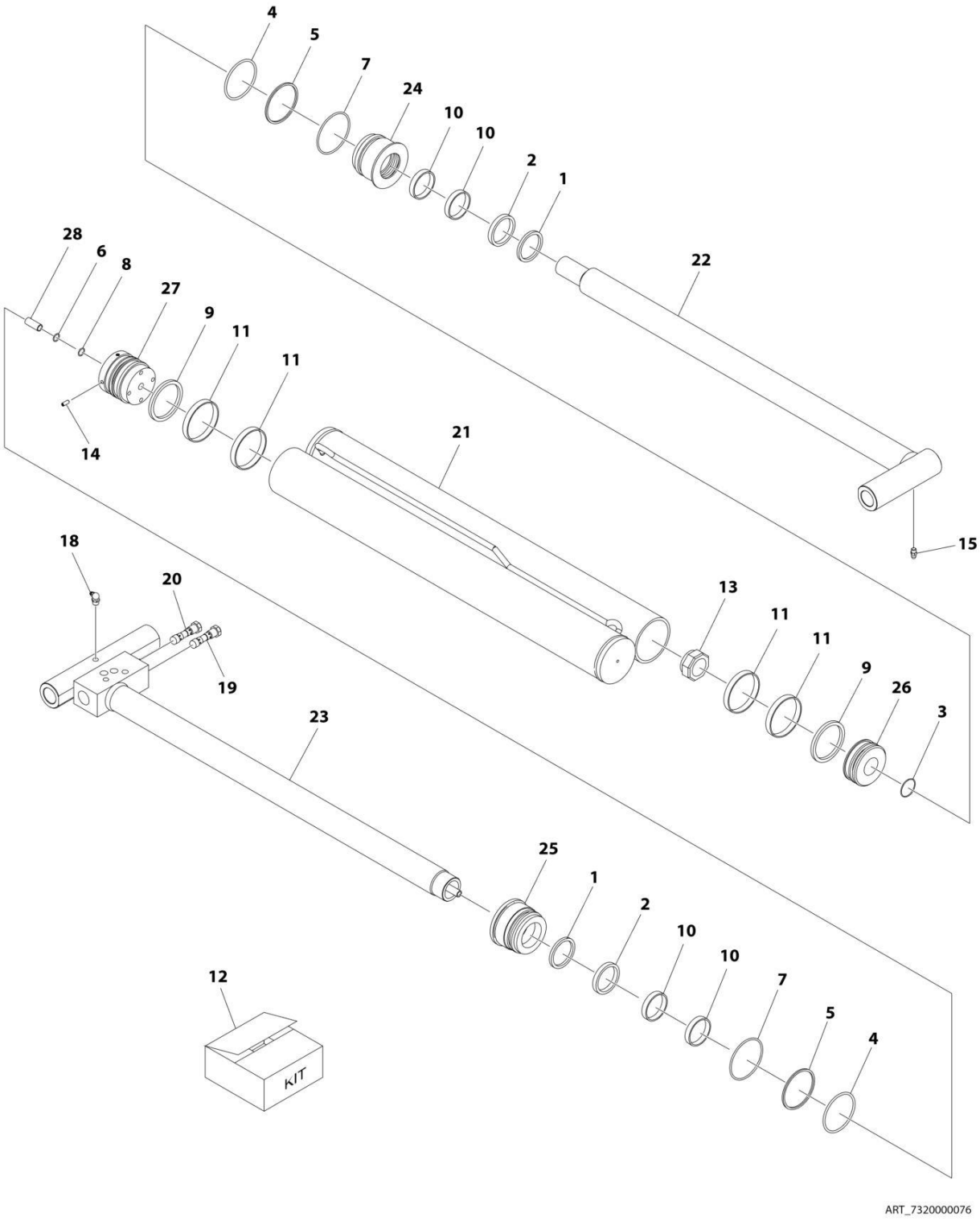


FIGURE 3-3. UNDERLIFT EXTENSION CYLINDER ASSEMBLY - 350X

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000076	Ref	UNDERLIFT EXTENSION CYLINDER ASSEMBLY - 350X	C
1	9796250080	2	Seal, Wiper	
2	7019828	2	Seal	
3	9796250133	1	Seal, O-Ring	
4	7019846	2	Seal, O-Ring	
5	7019845	2	Ring, Back-up	
6	9796250135	1	Seal, O-Ring	
7	7019844	2	Seal, O-Ring	
8	9796250137	2	Seal, O-Ring	
9	9796250138	2	Seal	
10	9754250015	4	Ring, Wear	
11	9754250049	4	Ring, Wear	
12	7577250271	1	Kit, Seal	
13	7003212	1	Nut	
14	7003281	4	Setscrew	
15	7005348	1	Grease Fitting	
16	7005365	5	Plug, Port (Not Shown)	
17	70021648	2	Plug, Port (Not Shown)	
18	7440030400	1	Grease Fitting	
19	70050218	1	Valve, Cartridge	
20	70050217	1	Valve, Counterbalance	
21	70050553	1	Assembly, Tube	
22	70050554	1	Assembly, Rod	
23	70050555	1	Assembly, Rod-Tube	
24	9553250015	1	Head	
25	9254250009	1	Head	
26	9698250018	1	Piston	
27	9698250019	1	Piston	
28	9007250005	1	Adapter, RT Tube	

FIGURE 3-4. UNDERLIFT BOOM INSTALLATION - 35,000 LBS

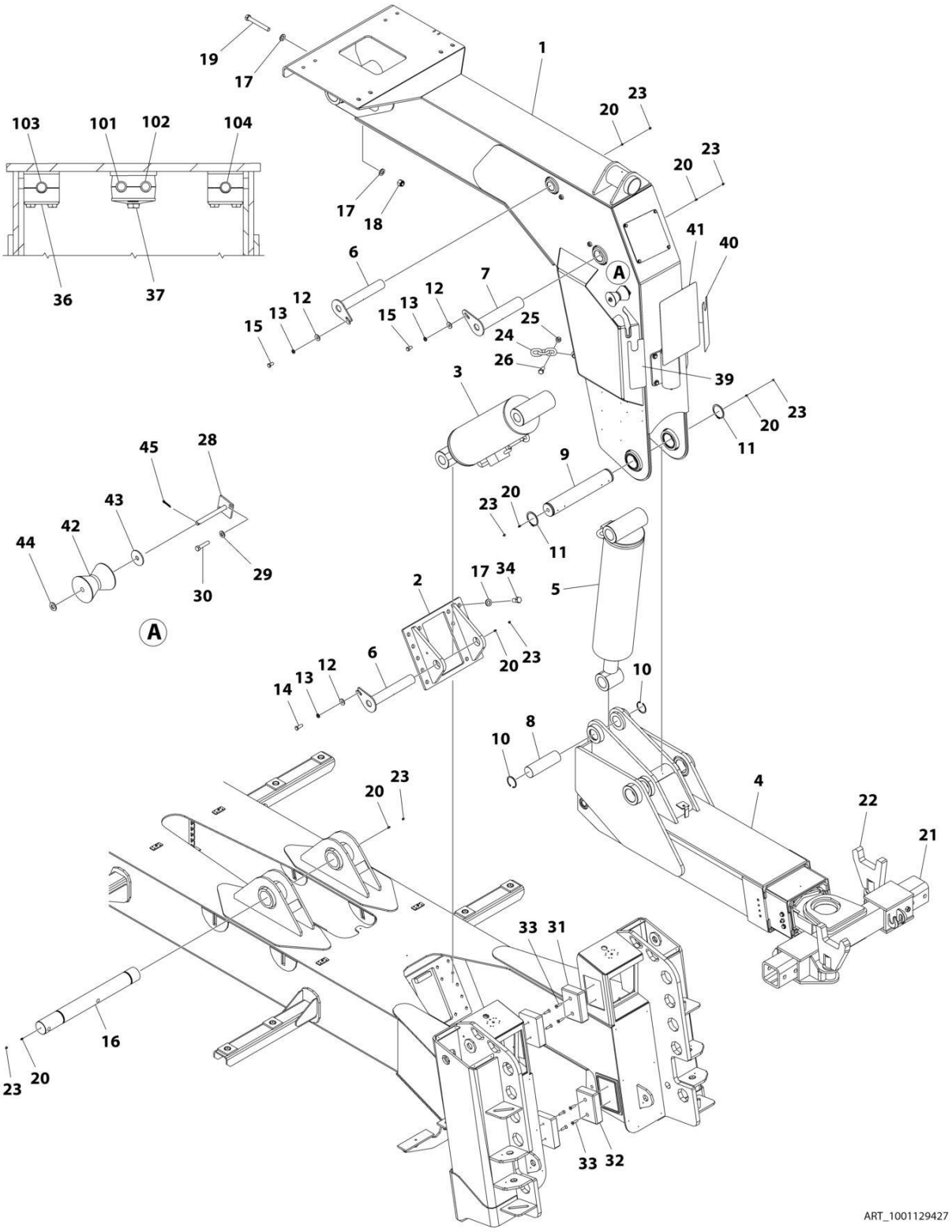


FIGURE 3-4. UNDERLIFT BOOM INSTALLATION - 35,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129427	Ref	Underlift Boom Installation - 35,000 lbs	H
1	1001128440	1	Underlift Knee Boom	
2	1001128450	1	Bracket, Lift Cylinder Support	
3	7320000040	1	Underlift Lift Cylinder Assembly (See Separate Breakdown in this Section)	
4	3170000220	1	Underlift Boom Assembly - 35,000 lbs (See Separate Breakdown in this Section)	
5	7320000039	1	Underlift Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
6	3691000171	2	Pin	
7	3691000160	1	Pin	
8	4691000317	1	Pin	
9	4691000311	1	Pin	
10	7754000051	2	Retaining Ring	
11	7754000018	2	Retaining Ring	
12	7950180161	3	Washer 1/2	
13	7950180000	3	Washer 1/2	
14	7115181250	1	Capscrew 1/2	
15	7115180850	2	Capscrew 1/2	
16	1001128697	1	Pin	
17	7950220141	18	Washer 3/4	
18	7660222601	1	Nut 3/4	
19	682248	1	Bolt 3/4	
20	7440030000	7	Grease Fitting	
21	2503880012	1	Crosstube Installation (See Separate Breakdown in this Section)	
22	2503870011	1	Underlift Tools - Frame Forks (See Separate Breakdown in ACCESSORIES Section)	
23	7253000002	7	Grease Fitting Cap	
24	7262000025	2	Chain	
25	7660202601	2	Nut 5/8	
26	7115201250	2	Capscrew 5/8	
27	1001133895	1	Pipe, Tube Kit Knee Boom (includes items 101 thru 104) (Not Shown)	
28	1001172053	2	Bracket	
29	7950160141	4	Washer 3/8	
30	7115161450	4	Capscrew 3/8	
31	1001129534	2	Pad, Top	
32	1001129535	2	Pad, Bottom	
33	7115161223	8	Capscrew 3/8	
34	682212	16	Capscrew 3/4	
36	1001136559	8	Clamp	
37	1001136447	4	Clamp	
38	1001213978	1	Hydraulic Installation (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
39	1001151184	1	Decal, Wear - LH	
40	1001151185	1	Decal, Wear - RH	
41	1001151049	1	Decal, Wear	
42	1001172054	2	Roller, Chain	
43	7949000015	2	Washer	
44	7950180141	2	Washer 1/2	
45	7691000042	2	Pin	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001133893	1	Pipe,Tube Assy - UL Ext	
102	1001133894	1	Pipe,Tube Assy - UL Ext	
103	7912000241	1	Tube Assembly	
104	7912000240	1	Tube Assembly	

FIGURE 3-5. UNDERLIFT BOOM ASSEMBLY - 35,000 LBS

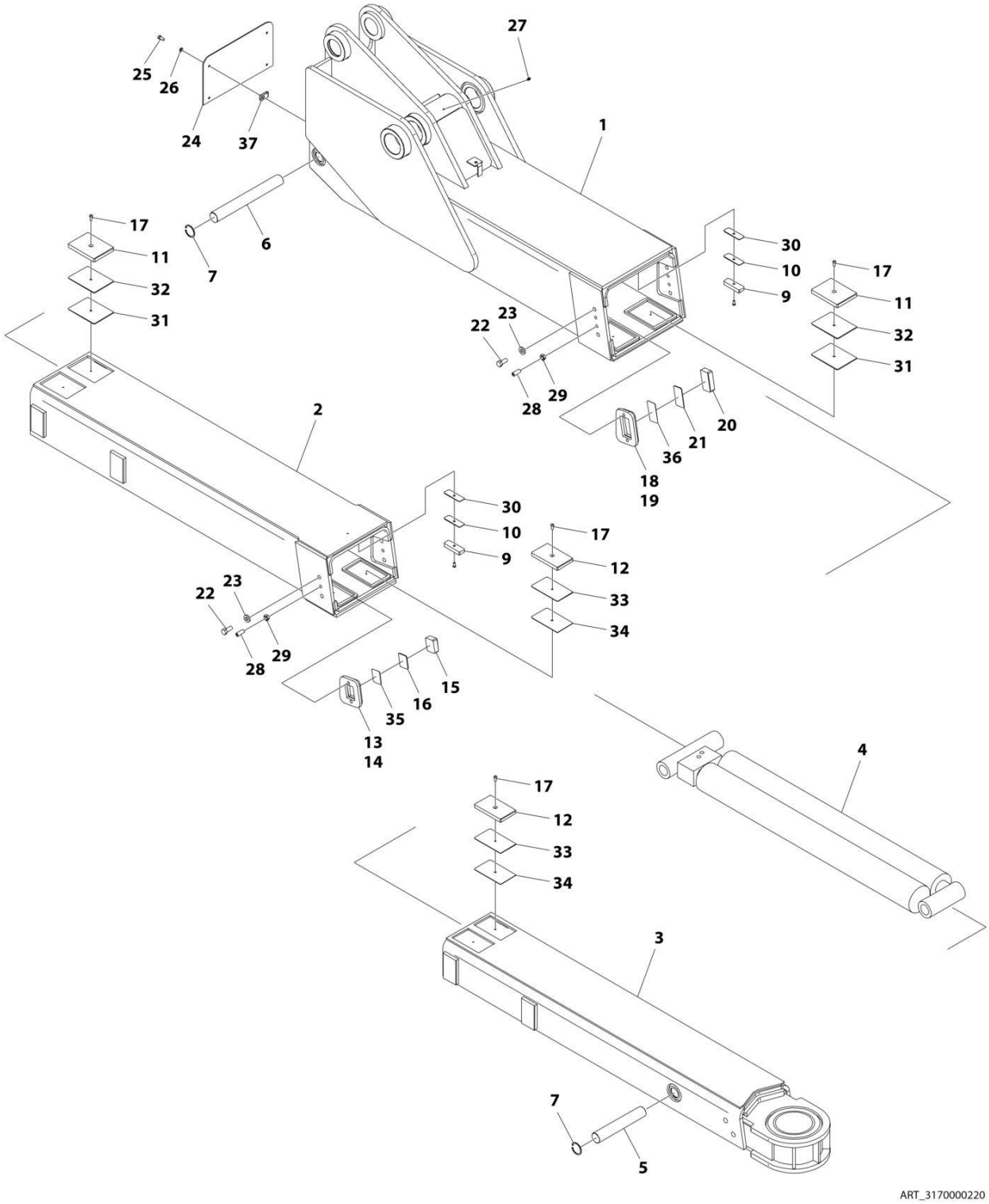


FIGURE 3-5. UNDERLIFT BOOM ASSEMBLY - 35,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3170000220	Ref	Underlift Assembly - 35,000 lbs	E
1	3170000224	1	Base Section Boom Weldment	
2	3170000223	1	Mid Section Boom Weldment	
3	3170000221	1	Fly Section Boom Weldment	
4	7320000042	1	Underlift Extension Cylinder Assembly (See Separate Breakdown in this Section)	
5	4691000318	1	Pin	
6	4691000316	1	Pin	
7	7754000043	4	Retaining Ring	
9	4679000159	2	Pad	
10	4706003708	2	Plate	
11	4679000161	4	Pad	
12	4679000158	4	Pad	
13	3706000177	1	Plate	
14	3706000178	1	Plate	
15	4679000206	2	Pad	
16	4706003144	2	Plate	
17	7114140418	8	Capscrew 1/4 x 1/2	
18	3706000179	1	Plate - LH	
19	3706000180	1	Plate - RH	
20	4679000205	2	Pad	
21	4706003719	2	Plate	
22	7105180850	8	Capscrew 1/4 x 1	
23	7950170153	8	Washer 1/4	
24	4706002467	1	Plate	
25	7115140650	4	Capscrew 1/4 x 3/4	
26	7950140000	4	Washer 1/4	
27	7440030000	1	Grease Fitting	
28	7786000008	6	Screw 1/2 x 1-1/4	
29	7660180230	6	Nut 1/2	
30	4706003709	4	Plate	
31	4706003721	4	Plate	
32	4706003722	4	Plate	
33	4706003723	4	Plate	
34	4706003724	4	Plate	
35	4706003725	2	Plate	
36	4706003720	2	Plate	
37	7661000019	4	U-Nut 1/4	

FIGURE 3-6. UNDERLIFT EXTENSION CYLINDER ASSEMBLY - 35,000 LBS

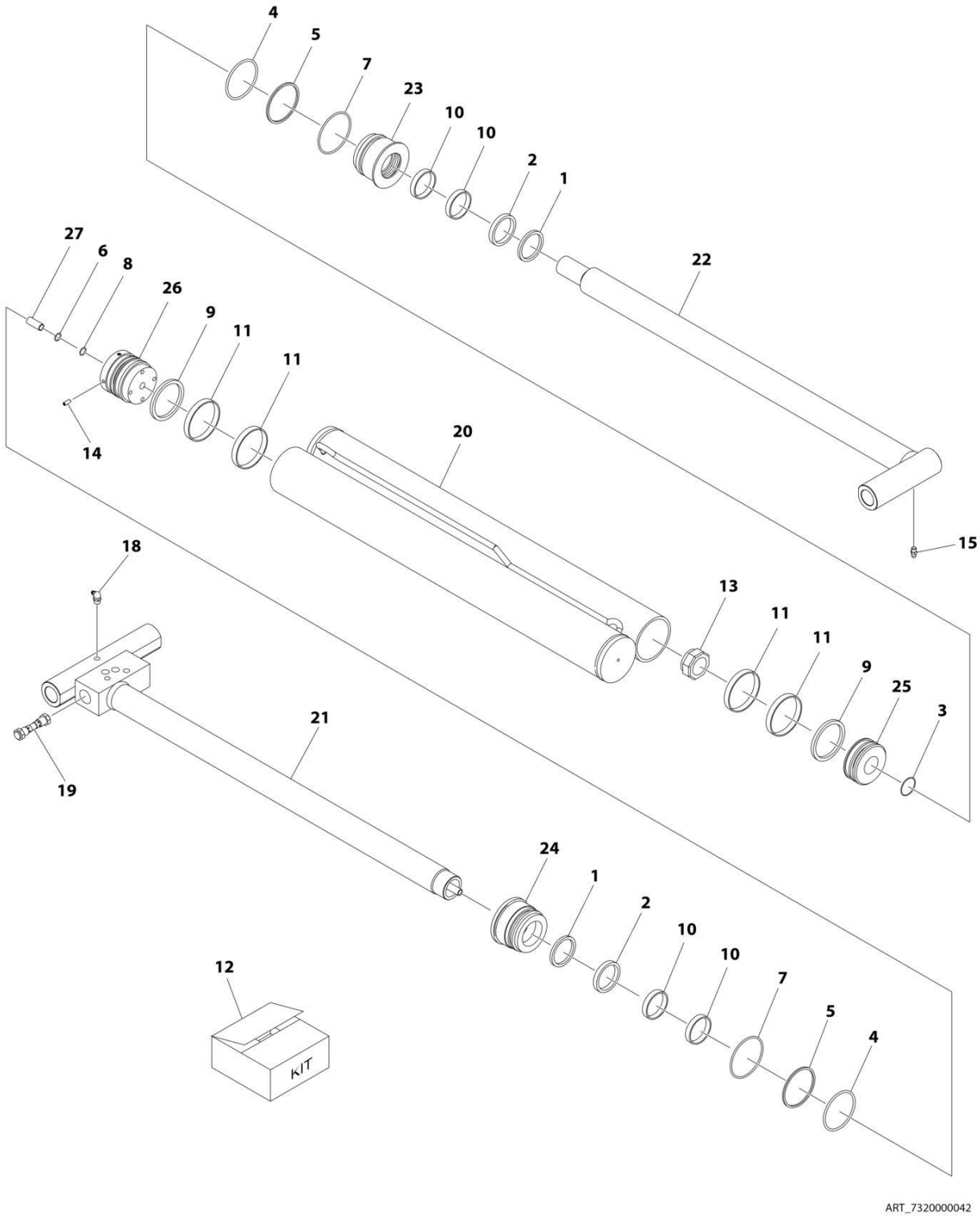


FIGURE 3-6. UNDERLIFT EXTENSION CYLINDER ASSEMBLY - 35,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000042	Ref	Underlift Extension Cylinder Assembly - 35,000 lbs	B
1	9796250080	2	Seal, Wiper	
2	7019828	2	Seal	
3	9796250133	1	Seal, O-Ring	
4	7019846	2	Seal, O-Ring	
5	7019845	2	Ring, Back-up	
6	9796250135	2	Seal, O-Ring	
7	7019844	2	Seal, O-Ring	
8	9796250137	2	Seal, O-Ring	
9	9796250138	2	Seal	
10	9754250015	4	Ring, Wear	
11	9754250049	4	Ring, Wear	
12	7577250271	1	Kit, Seal	
13	7003212	1	Nut	
14	7003281	4	Setscrew	
15	7005348	1	Grease Fitting	
16	70050365	2	Plug, Port (Not Shown)	
17	70021648	2	Plug, Port (Not Shown)	
18	7440030400	1	Grease Fitting	
19	9935250025	1	Kit, Check Cartridge	
20	9912250021	1	Assembly, Tube	
21	9763250025	1	Assembly, Rod	
22	9763250026	1	Assembly, Rod-Tube	
23	9553250015	1	Head	
24	9553250016	1	Head	
25	9698250018	1	Piston	
26	9698250019	1	Piston	
27	9007250005	1	Adapter, RT Tube	

FIGURE 3-7. UNDERLIFT LIFT CYLINDER ASSEMBLY

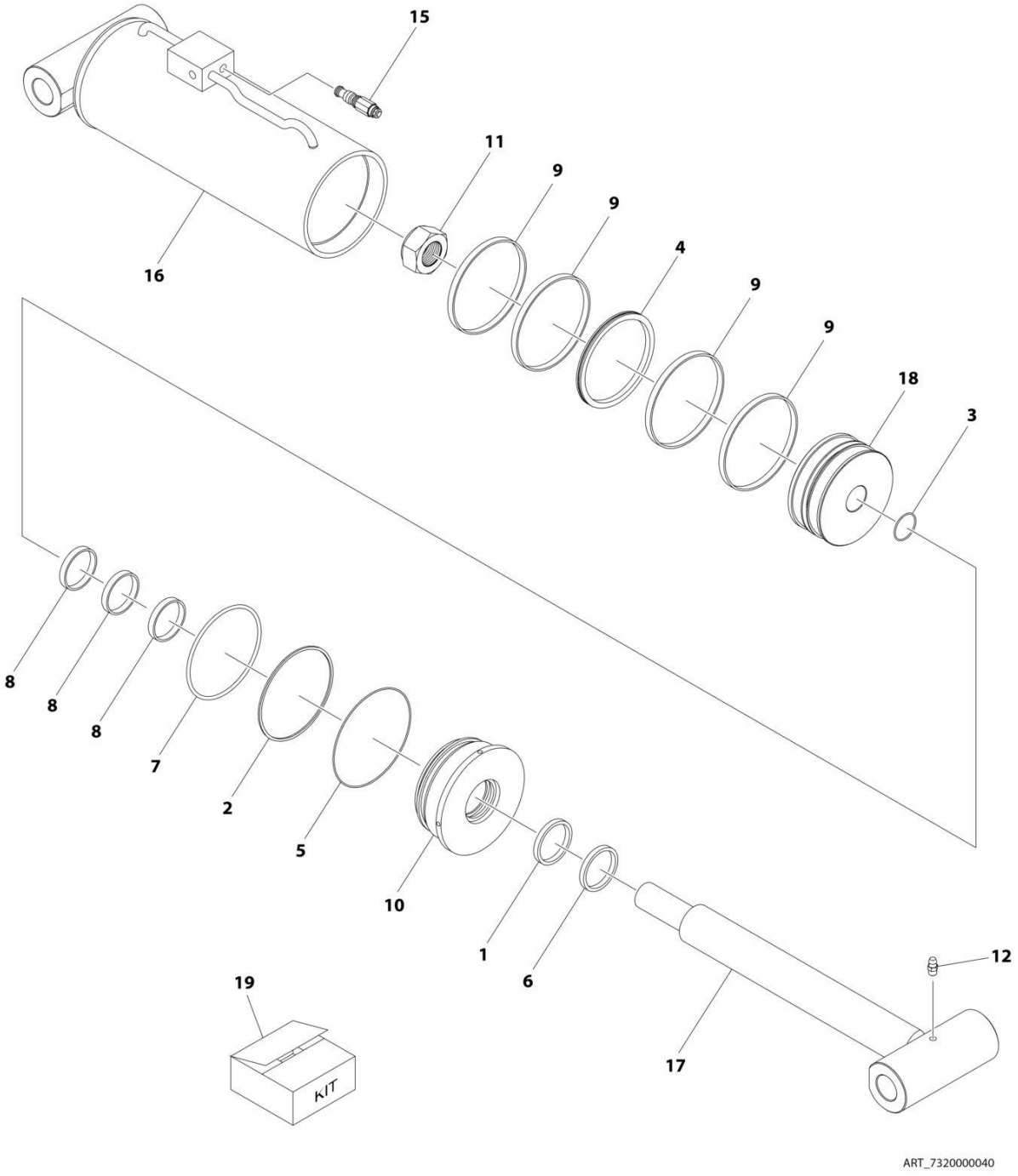


FIGURE 3-7. UNDERLIFT LIFT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000040	Ref	Underlift Lift Cylinder Assembly - 30,000/35,000 lbs	B
1	9796250071	1	Seal	
2	9754250043	1	Ring, Back-up	
3	9796250062	1	Seal, O-Ring	
4	9796250113	1	Seal	
5	9796250124	1	Seal, O-Ring	
6	9796250125	1	Seal, Wiper	
7	9796250117	1	Seal, O-Ring	
8	83304140	3	Ring, Wear	
9	9754250045	4	Ring, Wear	
10	7019892	1	Head	
11	7005314	1	Nut	
12	7005348	1	Grease Fitting	
13	7005365	1	Plug, Port (Not Shown)	
14	70021648	2	Plug, Port (Not Shown)	
15	70050216	1	Valve, Counterbalance	
16	9912250018	1	Assembly, Tube	
17	9763250022	1	Assembly, Rod	
18	9698250017	1	Piston	
19	7577250255	1	Kit, Seal	

FIGURE 3-8. UNDERLIFT TILT CYLINDER ASSEMBLY

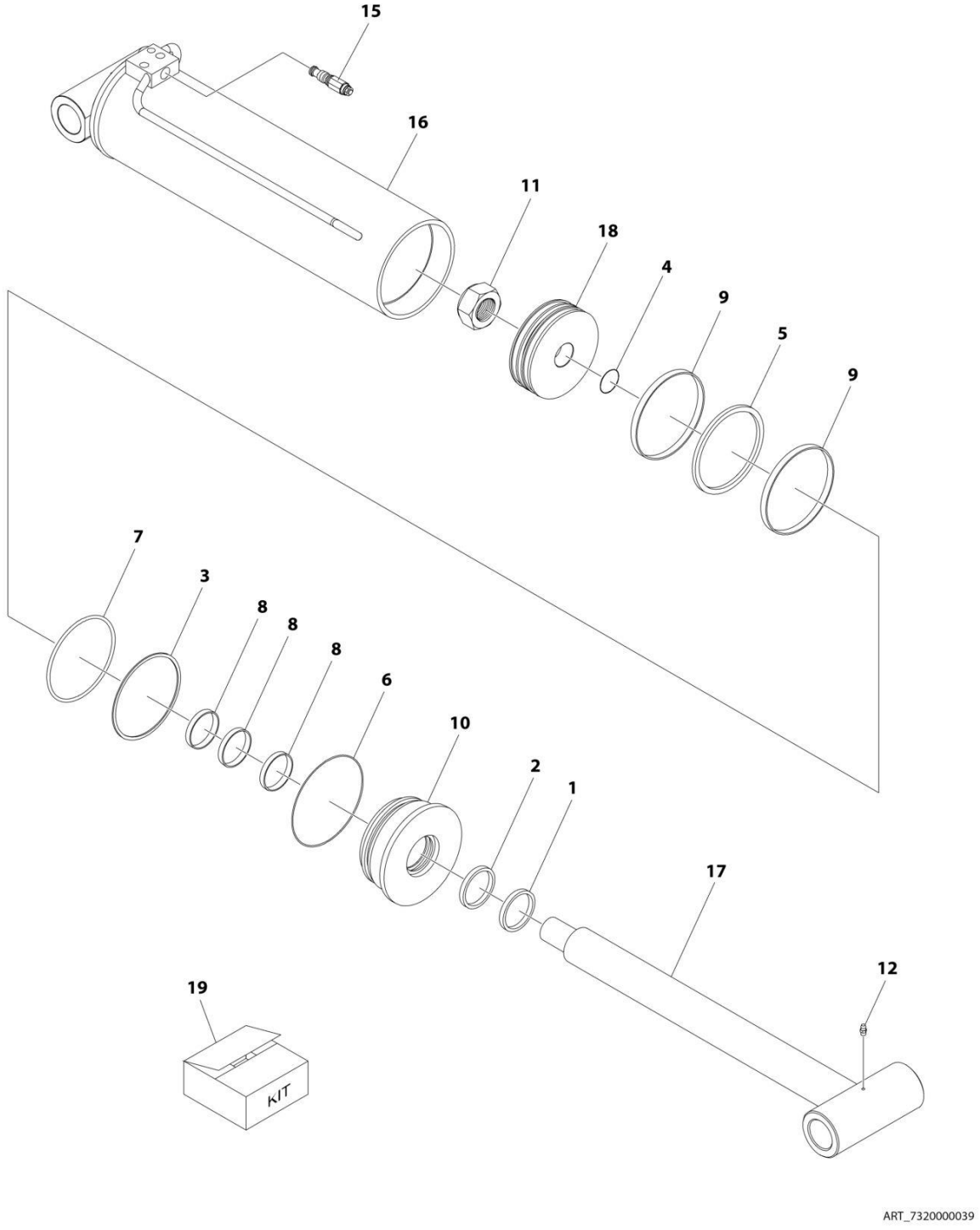


FIGURE 3-8. UNDERLIFT TILT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000039	Ref	Underlift Tilt Cylinder Assembly - 30,000/35,000 lbs	B
1	83304143	1	Seal, Wiper	
2	9796250071	1	Seal	
3	9754250043	1	Ring, Back-up	
4	9796250062	1	Seal, O-Ring	
5	9796250113	1	Seal	
6	9796250124	1	Seal, O-Ring	
7	9796250117	1	Seal, O-Ring	
8	83304140	3	Ring, Wear	
9	9754250045	2	Ring, Wear	
10	7019892	1	Head	
11	7005314	1	Nut	
12	7005348	1	Grease Fitting	
13	7005365	3	Plug, Port (Not Shown)	
14	70021648	2	Plug, Port (Not Shown)	
15	70050216	1	Valve, Counterbalance	
16	70050542	1	Assembly, Tube	
17	70050543	1	Assembly, Rod	
18	9698250014	1	Piston	
19	7577250204	1	Kit, Seal	

FIGURE 3-9. UNDERLIFT BOOM INSTALLATION - 53,000 LBS (35K WINCH)

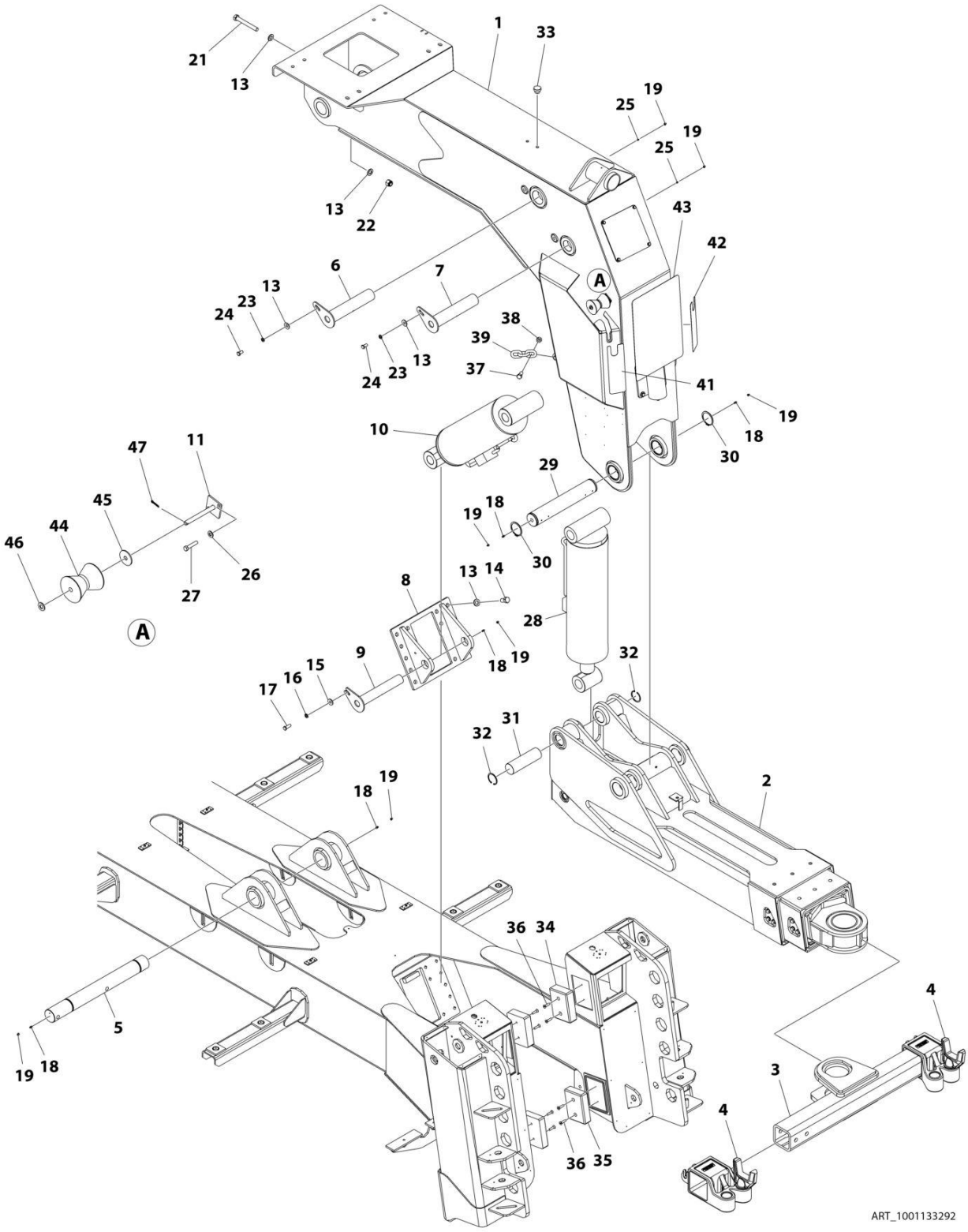


FIGURE 3-9. UNDERLIFT BOOM INSTALLATION - 53,000 LBS (35K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133292	Ref	Underlift Boom Installation - 53,000 lbs	F
1	1001133242	1	Underlift Knee Boom	
2	3507100001	1	Underlift Boom Assembly - 53,000 lbs (See Separate Breakdown in this Section)	
3	2503880012	1	Crosstube Installation (See Separate Breakdown in this Section)	
4	2503870011	1	Underlift Tools - Frame Forks (See Separate Breakdown in ACCESSORIES Section)	
5	1001128697	1	Pin	
6	3691000231	1	Pin	
7	3691000232	1	Pin	
8	1001133286	1	Bracket, Lift Cylinder Support	
9	1001133289	1	Pin	
10	7320000063	1	Underlift Lift Cylinder Assembly (See Separate Breakdown in this Section)	
11	1001172053	2	Bracket	
13	7950220141	20	Washer 3/4	
14	682212	16	Capscrew 3/4 x 1-1/2	
15	7950180161	1	Washer 1/2	
16	7950180000	1	Washer 19/32	
17	7115181250	1	Capscrew 1/2 x 1-1/2	
18	7440030000	5	Grease Fitting	
19	7253000002	7	Grease Fitting Cap	
20	3508530006	1	Tube Assembly (Not Shown)	
21	682248	1	Bolt 3/4 x 6	
22	7660222601	1	Nut 3/4	
23	7950220000	2	Washer 3/4	
24	7115220850	2	Capscrew 3/4 x 1	
25	7440000000	2	Grease Fitting	
26	7950160141	4	Washer 3/8	
27	7115161450	4	Capscrew 3/8 x 1-3/8	
28	7320000096	1	Underlift Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
29	4691000291	1	Pin	
30	7754000018	2	Retaining Ring	
31	4691000290	1	Pin	
32	7754000051	2	Retaining Ring	
33	7189000017	2	Rubber Bumper	
34	4679000127	2	Pad, Top	
35	4679000245	2	Pad, Bottom	
36	7115160623	8	Capscrew 3/8 x 7	
37	7115201250	2	Capscrew 5/8 x 1-1/2	
38	7660202601	2	Nut 5/8	
39	7262000025	2	Chain	
40	1001213979	1	Hydraulic Installation (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
41	1001151184	1	Decal, Wear - LH	
42	1001151185	1	Decal, Wear - RH	
43	1001151050	1	Decal, Wear	
44	1001172054	2	Roller, Chain	
45	7949000015	2	Washer	
46	7950180141	2	Washer 1/2	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	7691000042	2	Pin	

FIGURE 3-10. UNDERLIFT BOOM INSTALLATION - 53,000 LBS (50K WINCH)

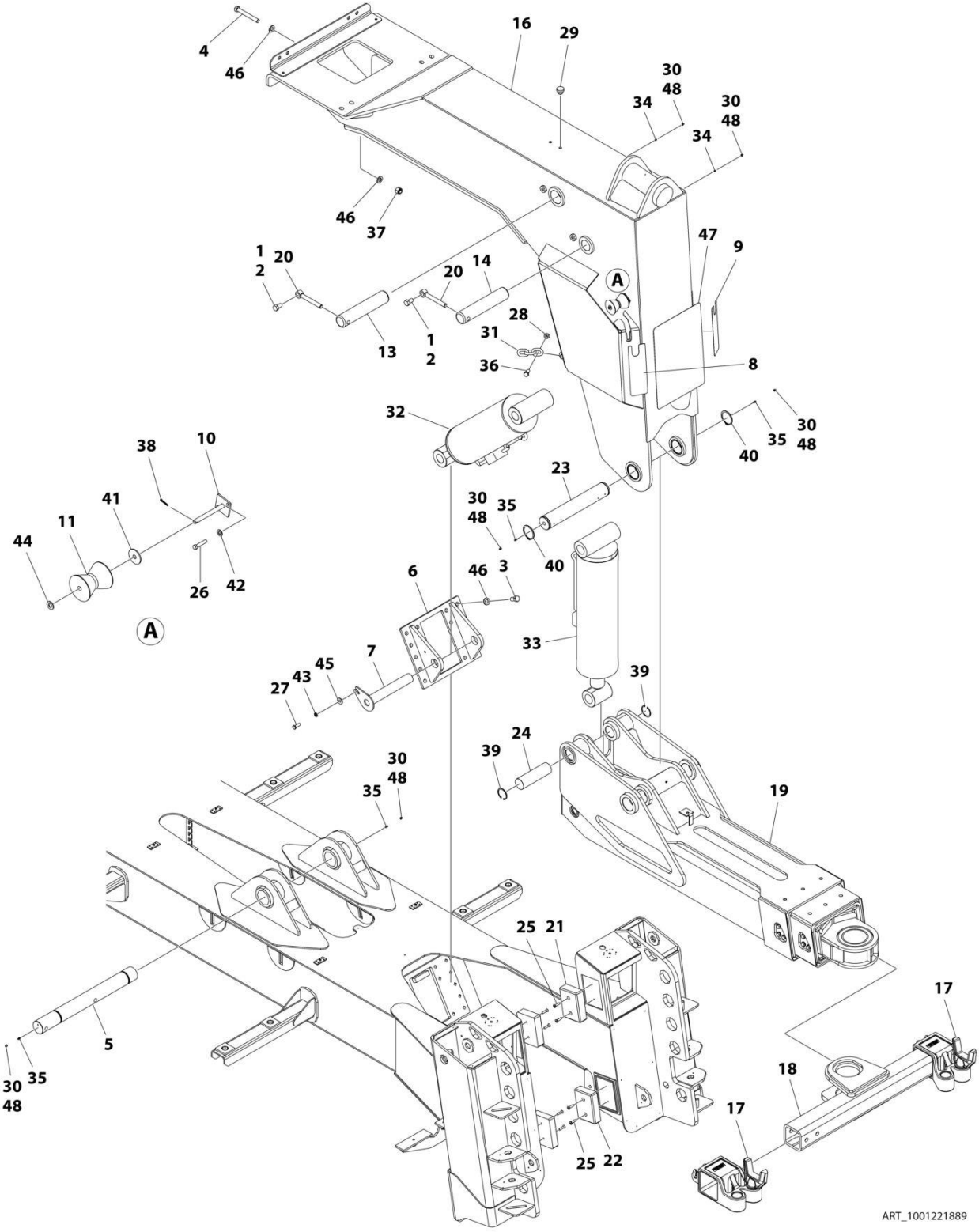


FIGURE 3-10. UNDERLIFT BOOM INSTALLATION - 53,000 LBS (50K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221889	Ref	UNDERLIFT BOOM INSTALLATION - 53,000 LBS	B
1	0100011	AR	Compound locking	
2	0642214	2	Bolt 3/4 x 1-1/4	
3	0682212	16	Bolt 3/4 x 1-1/2	
4	0682248	1	Bolt 3/4 x 6	
5	1001128697	1	Pin	
6	1001133286	1	Bracket, Lift Cylinder Support	
7	1001133289	1	Pin	
8	1001151184	1	Decal, Wear - LH	
9	1001151185	1	Decal, Wear - RH	
10	1001172053	2	Bracket	
11	1001172054	2	Roller, Chain	
12	1001213979	1	Hydraulic Installation (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
13	1001222351	1	Pin	
14	1001222355	1	Pin	
15	1001222651	1	Tube Assembly (Not Shown)	
16	1001223611	1	Knee Boom Weldment	
17	2503870011	1	Underlift Tools - Frame Forks (See Separate Breakdown in ACCESSORIES Section)	
18	2503880012	1	Crosstube Installation (See Separate Breakdown in this Section)	
19	3507100001	1	Underlift Boom Assembly - 53,000 lbs (See Separate Breakdown in this Section)	
20	3841287	2	Keeper Rod	
21	4679000127	2	Pad, Top	
22	4679000245	2	Pad, Bottom	
23	4691000290	1	Pin	
24	4691000291	1	Pin	
25	7115160623	8	Bolt 3/8 x 7	
26	7115161450	4	Bolt 3/8 x 1-3/4	
27	7118181250	1	Bolt 1/2 x 1-1/2	
28	7115201250	2	Bolt 5/8 x 1-1/2	
29	7189000017	2	Rubber Bumper	
30	7253000002	6	Grease Fitting Cap	
31	7262000025	2	Chain	
32	7320000063	1	Underlift Lift Cylinder Assembly (See Separate Breakdown in this Section)	
33	7320000096	1	Underlift Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
34	7440000000	2	Grease Fitting	
35	7440030000	4	Grease Fitting	
36	7660202601	2	Nut 5/8	
37	7660222601	1	Nut 3/4	
38	7691000042	2	Pin	
39	7754000018	2	Retaining Ring	
40	7754000051	2	Retaining Ring	
41	7949000015	2	Washer	
42	7950160141	4	Washer 3/8	
43	7950180000	1	Washer 19/32	
44	7950180141	2	Washer 1/2	
45	7950180161	1	Washer 1/2	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	7950220141	18	Washer 3/4	
47	1001151050	1	Decal, Wear	
48	1001152707	AR	Lubricant	

FIGURE 3-11. UNDERLIFT BOOM ASSEMBLY - 53,000 LB

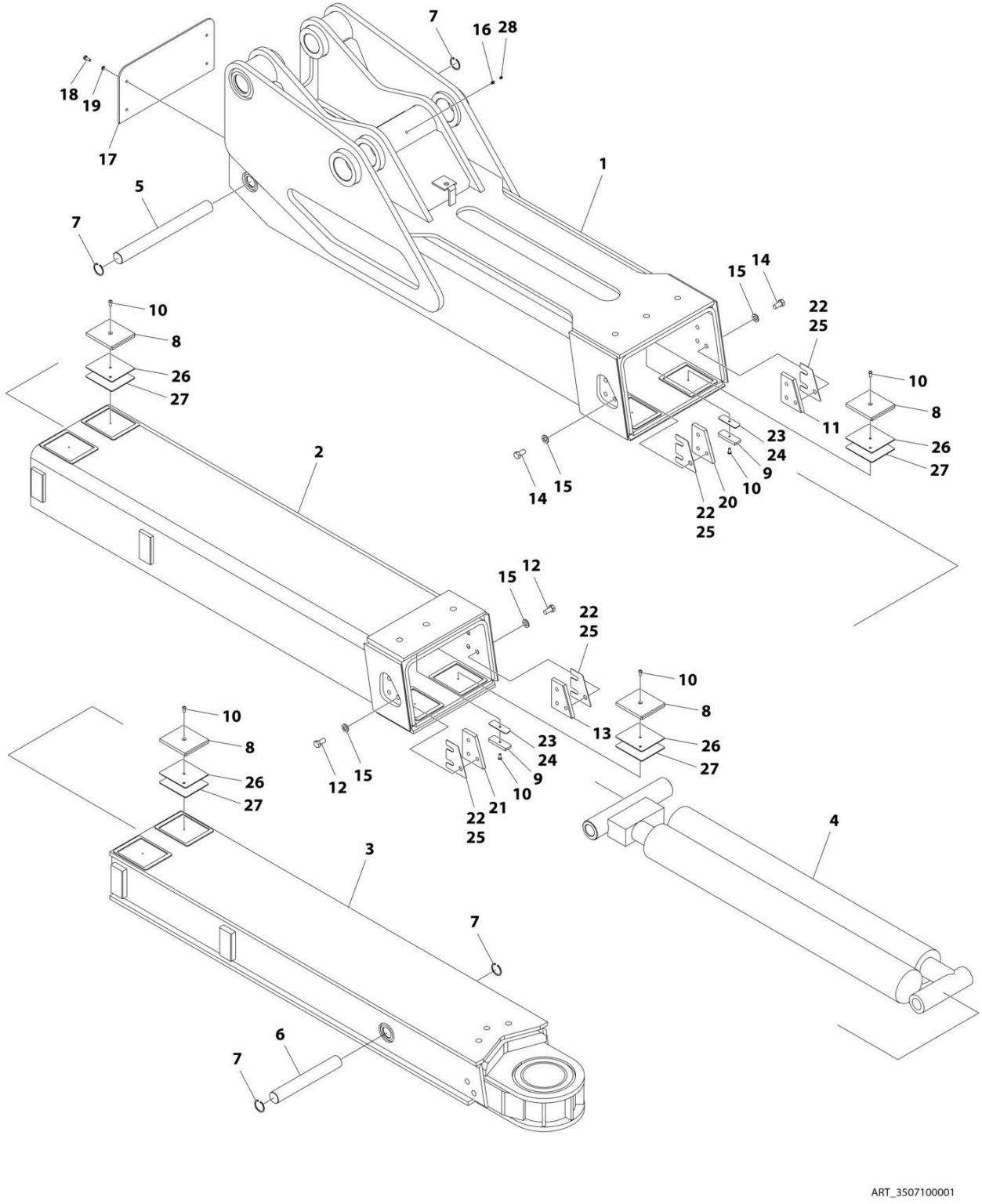


FIGURE 3-11. UNDERLIFT BOOM ASSEMBLY - 53,000 LB

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	Retaining Ring	
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 EXTENSION CYLINDER ASSEMBLY - 53,000 LB

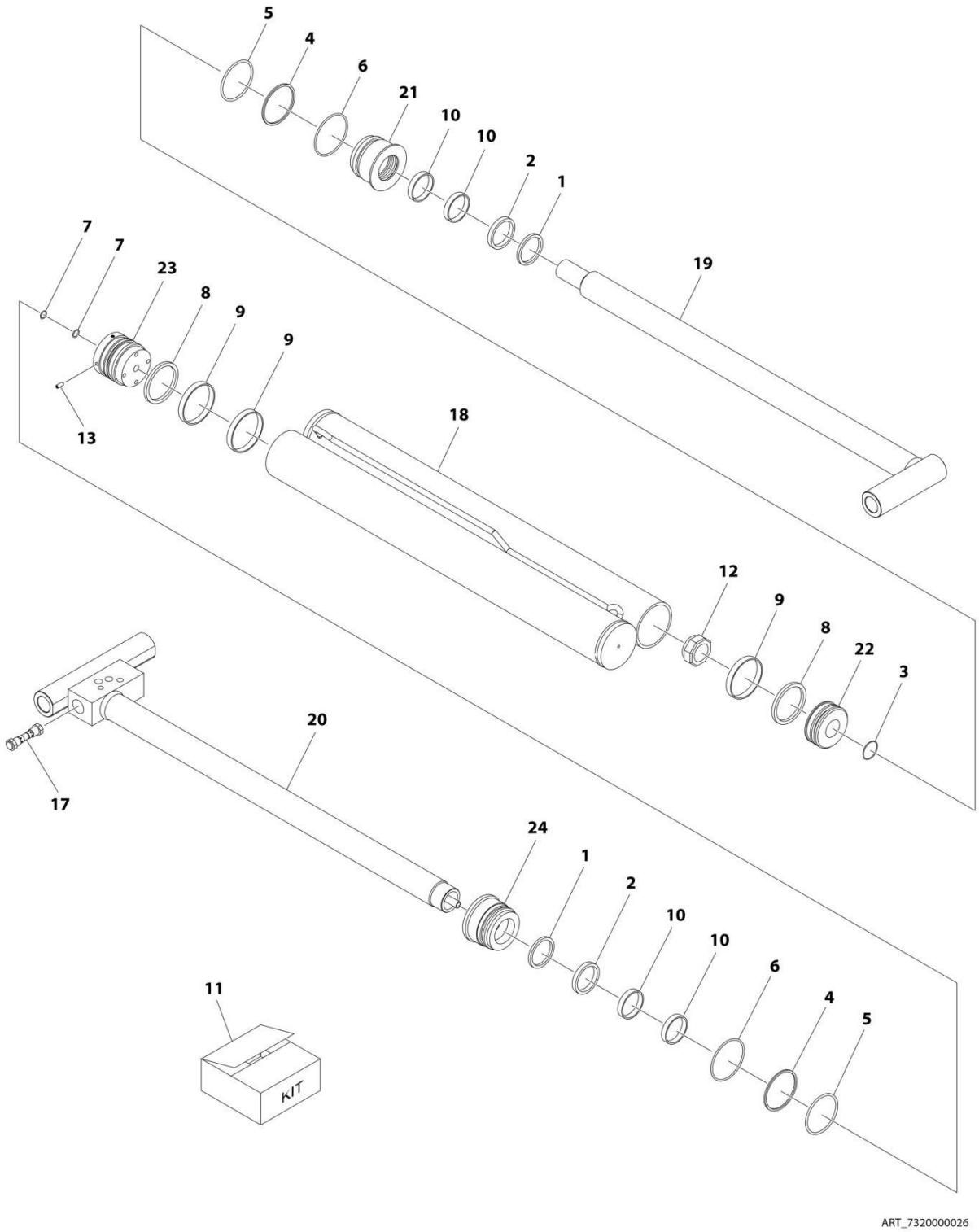


FIGURE 3-12. UNDERLIFT EXTENSION CYLINDER ASSEMBLY - 53,000 LB

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	
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	Kit, Check Cartridge	
18	70050536	1	Assembly, Tube	
19	70050537	1	Assembly, Rod	
20	70050538	1	Assembly, Rod-Tube	
21	9553250010	1	Head	
22	7024101	1	Piston	
23	70050540	1	Piston	
24	70050541	1	Head	

FIGURE 3-13. UNDERLIFT BOOM COACH INSTALLATION 3 PIECE- 56,500 LBS (35K WINCH)

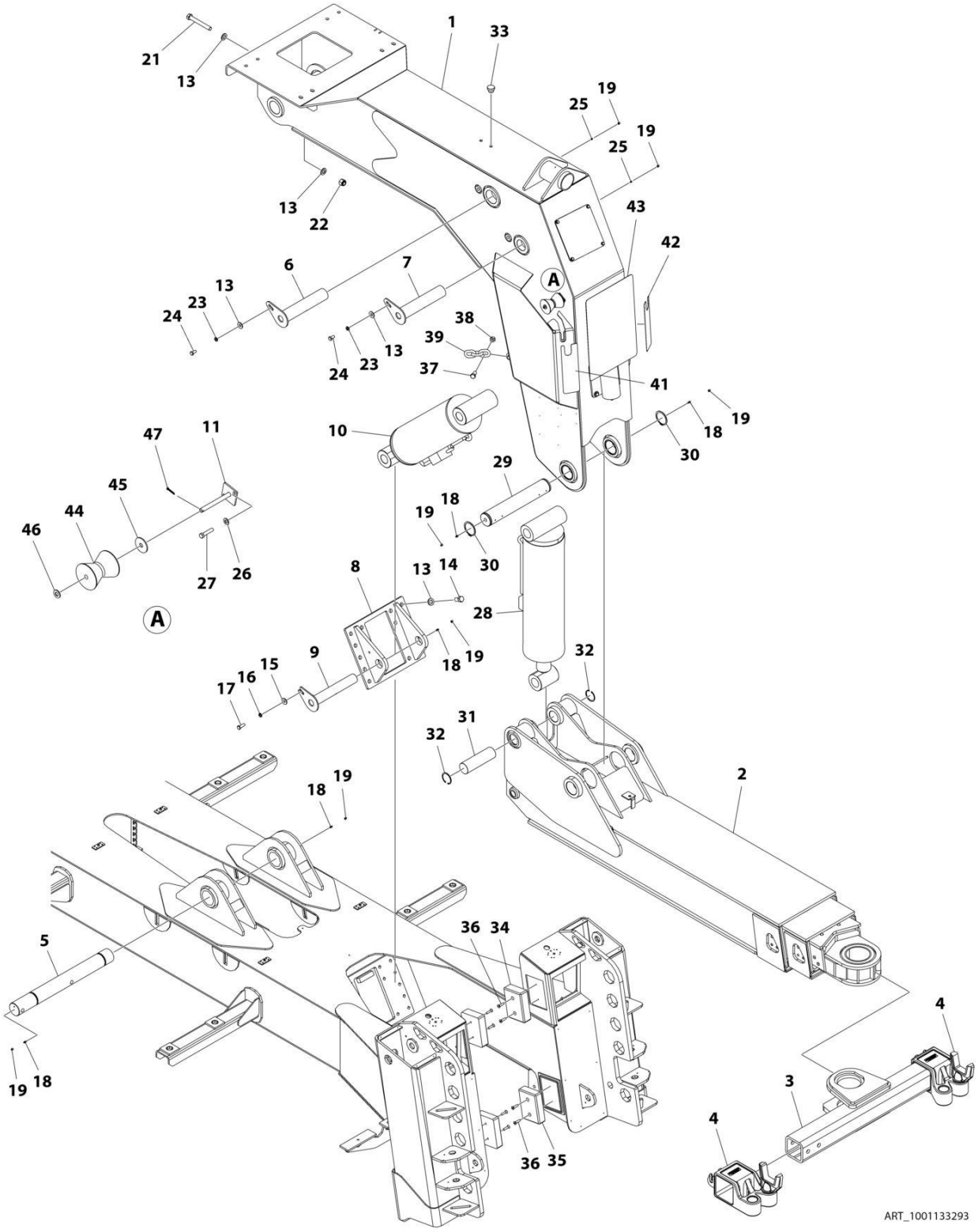


FIGURE 3-13. UNDERLIFT BOOM COACH INSTALLATION 3 PIECE- 56,500 LBS (35K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133293	Ref	Underlift Boom Coach Installation - 56,500 lbs	F
1	1001133242	1	Underlift Knee Boom	
2	3170000407	1	Underlift Boom Assembly - 56,500 lbs (See Separate Breakdown in this Section)	
3	2503880012	1	Crosstube Installation (See Separate Breakdown in this Section)	
4	2503870011	1	Underlift Tools - Frame Forks (See Separate Breakdown in ACCESSORIES Section)	
5	1001128697	1	Pin	
6	3691000231	1	Pin	
7	3691000232	1	Pin	
8	1001133286	1	Bracket, Lift Cylinder Support	
9	1001133289	1	Pin	
10	7320000063	1	Underlift Lift Cylinder Assembly (See Separate Breakdown in this Section)	
11	1001172053	2	Bracket	
13	7950220141	20	Washer 3/4	
14	682212	16	Capscrew 3/4 x 1-1/2	
15	7950180161	1	Washer 1/2	
16	7950180000	1	Washer 19/32	
17	7115181250	1	Capscrew 1/2 x 1-1/2	
18	7440030000	5	Grease Fitting	
19	7253000002	7	Grease Fitting Cap	
20	3508530006	1	Tube Assembly (Not Shown)	
21	682248	1	Capscrew 3/4 x 6	
22	7660222601	1	Nut 3/4	
23	7950220000	2	Washer 3/4	
24	7115220850	2	Capscrew 3/4 x 1	
25	7440000000	2	Grease Fitting	
26	7950160141	4	Washer 3/8	
27	7115161450	4	Capscrew 3/8 x 1-3/4	
28	7320000096	1	Underlift Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
29	4691000291	1	Pin	
30	7754000018	2	Retaining Ring	
31	4691000290	1	Pin	
32	7754000051	2	Retaining Ring	
33	7189000017	2	Rubber Bumper	
34	4679000127	2	Pad, Top	
35	4679000245	2	Pad, Bottom	
36	7115160623	8	Capscrew 3/8 x 7	
33	7115201250	2	Capscrew 5/8 x 1-1/2	
38	7660202601	2	Nut 5/8	
39	7262000025	2	Chain	
40	1001213979	1	Hydraulic Installation (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
41	1001151184	1	Decal, Wear - LH	
42	1001151185	1	Decal, Wear - RH	
43	1001151050	1	Decal, Wear	
44	1001172054	2	Roller, Chain	
45	7949000015	2	Washer	
46	7950180141	2	Washer 1/2	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	7691000042	2	Pin	

FIGURE 3-14. UNDERLIFT BOOM COACH INSTALLATION 3 PIECE - 56,500 LBS (50K WINCH)

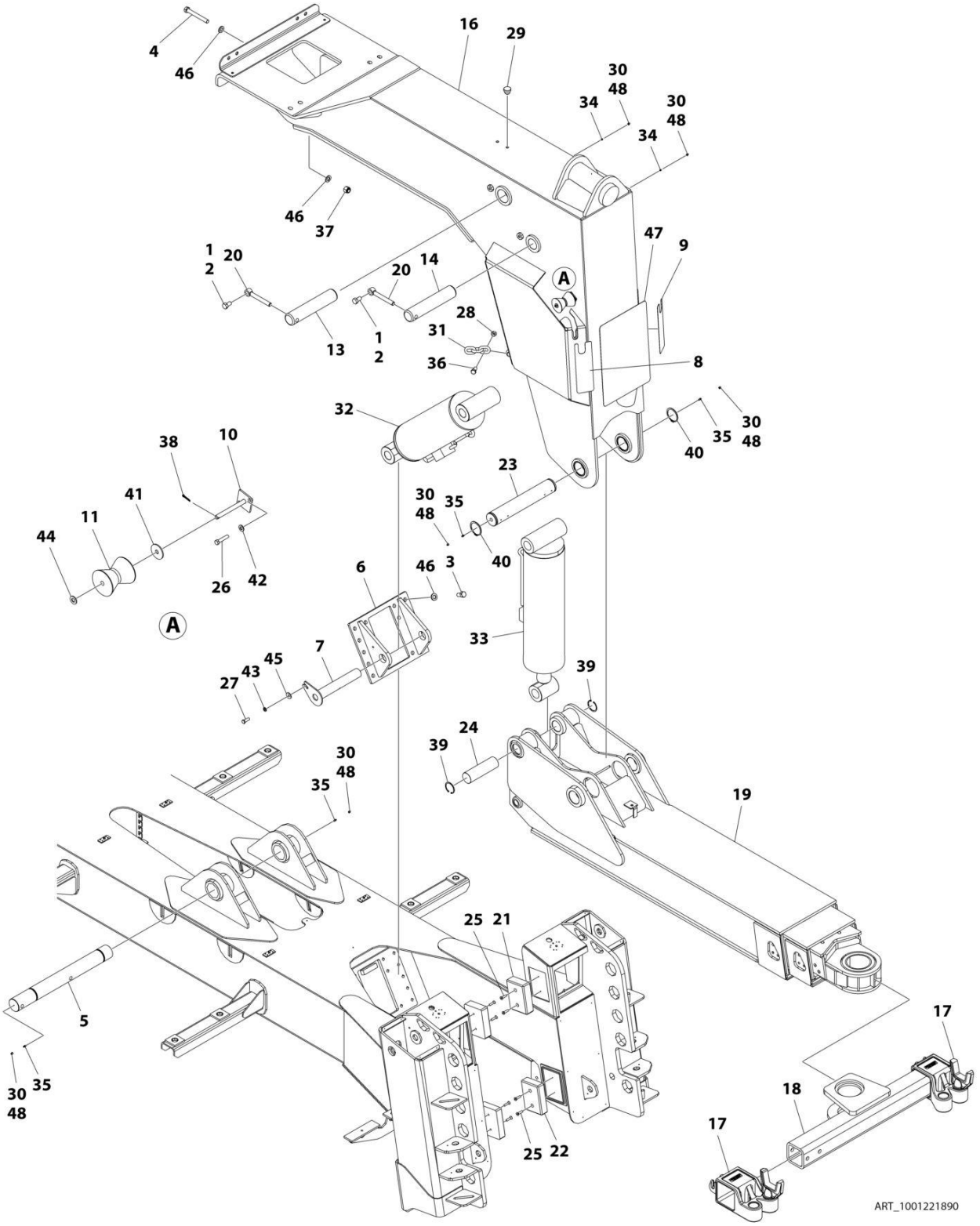


FIGURE 3-14. UNDERLIFT BOOM COACH INSTALLATION 3 PIECE - 56,500 LBS (50K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221890	Ref	UNDERLIFT BOOM COACH INSTALLATION 3 PIECE - 56,500 LBS	B
1	0100011	AR	Compound locking	
2	0642214	2	Bolt 3/4 x 1-1/4	
3	0682212	16	Bolt 3/4 x 1-1/2	
4	0682248	1	Bolt 3/4 x 6	
5	1001128697	1	Pin	
6	1001133286	1	Bracket, Lift Cylinder Support	
7	1001133289	1	Pin	
8	1001151184	1	Decal, Wear - LH	
9	1001151185	1	Decal, Wear - RH	
10	1001172053	2	Bracket	
11	1001172054	2	Roller, Chain	
12	1001213979	1	Hydraulic Installation (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
13	1001222351	1	Pin	
14	1001222355	1	Pin	
15	1001222651	1	Tube Assembly (Not Shown)	
16	1001223611	1	Knee Boom Weldment	
17	2503870011	1	Underlift Tools - Frame Forks (See Separate Breakdown in ACCESSORIES Section)	
18	2503880012	1	Crosstube Installation (See Separate Breakdown in this Section)	
19	3170000407	1	Underlift Boom Assembly - 56,500 lbs (See Separate Breakdown in this Section)	
20	3841287	2	Keeper Rod	
21	4679000127	2	Pad, Top	
22	4679000245	2	Pad, Bottom	
23	4691000290	1	Pin	
24	4691000291	1	Pin	
25	7115160623	8	Bolt 3/8 x 7	
26	7115161450	4	Bolt 3/8 x 1-3/4	
27	7118181250	1	Bolt 1/2 x 1-1/2	
28	7115201250	2	Bolt 5/8 x 1-1/2	
29	7189000017	2	Rubber Bumper	
30	7253000002	6	Grease Fitting Cap	
31	7262000025	2	Chain	
32	7320000063	1	Underlift Lift Cylinder Assembly (See Separate Breakdown in this Section)	
33	7320000096	1	Underlift Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
34	7440000000	2	Grease Fitting	
35	7440030000	4	Grease Fitting	
36	7660202601	2	Nut 5/8	
37	7660222601	1	Nut 3/4	
38	7691000042	2	Pin	
39	7754000018	2	Retaining Ring	
40	7754000051	2	Retaining Ring	
41	7949000015	2	Washer	
42	7950160141	4	Washer 3/8	
43	7950180000	1	Washer 19/32	
44	7950180141	2	Washer 1/2	

SECTION 3 - UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	7950180161	1	Washer 1/2	
46	7950220141	18	Washer 3/4	
47	1001151050	1	Decal, Wear	
48	1001152707	AR	Lubricant	

FIGURE 3-15. UNDERLIFT BOOM ASSEMBLY - 56,500 LBS

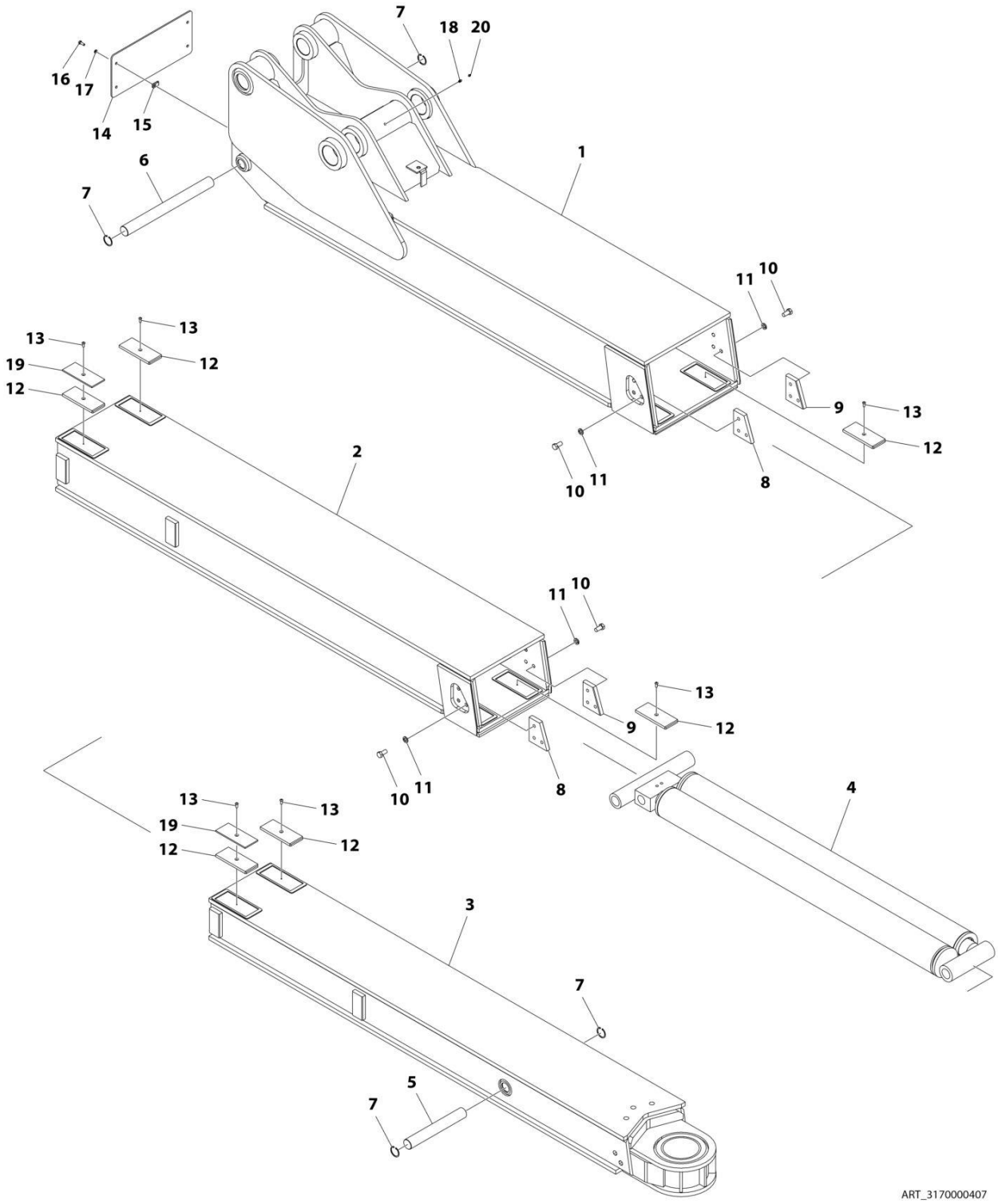


FIGURE 3-15. UNDERLIFT BOOM ASSEMBLY - 56,500 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3170000407	Ref	Underlift Assembly - 56,500 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	Retaining Ring	
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	

FIGURE 3-16. UNDERLIFT EXTENSION CYLINDER ASSEMBLY - 56,500 LBS

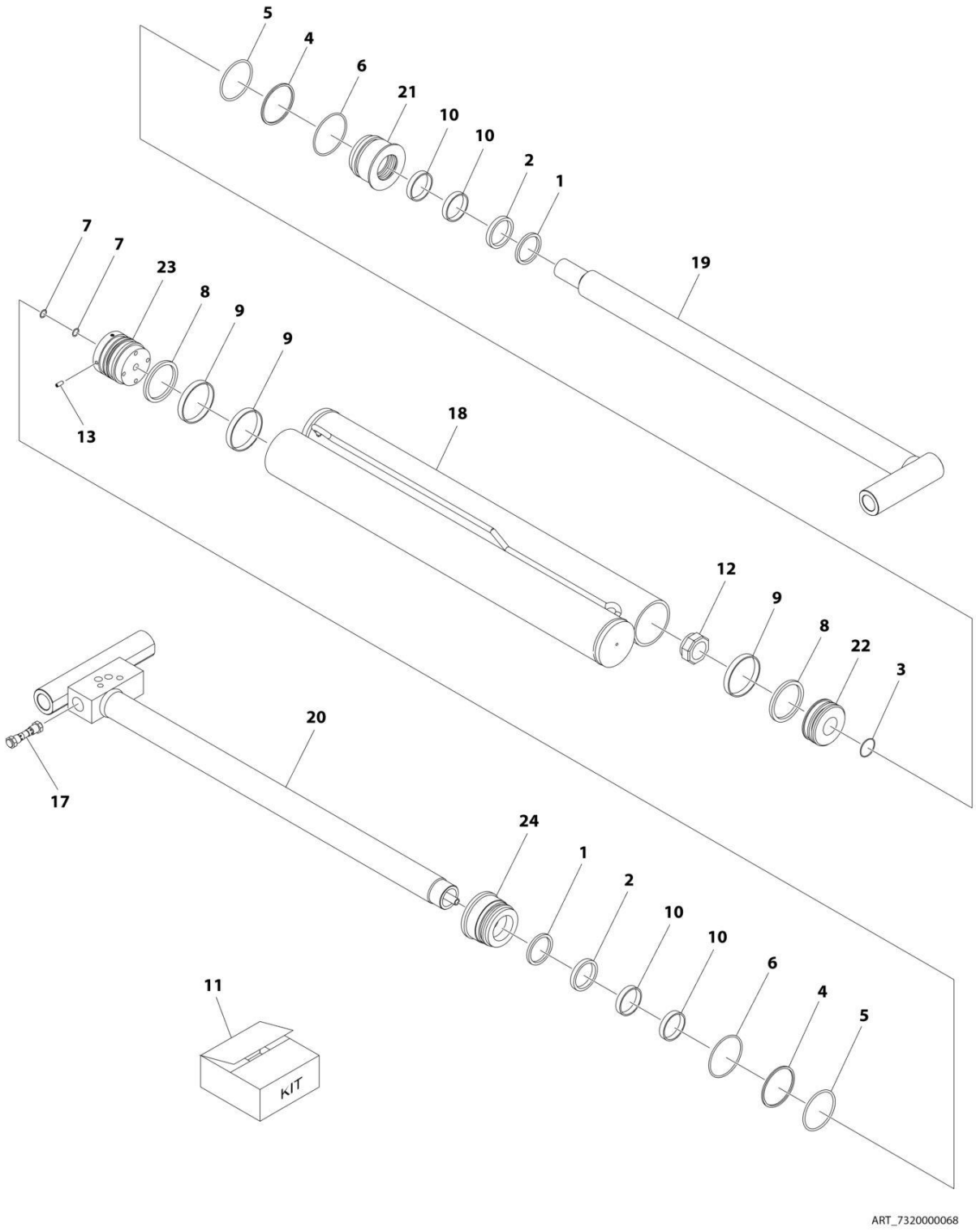


FIGURE 3-16. UNDERLIFT EXTENSION CYLINDER ASSEMBLY - 56,500 LBS

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	
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	Kit, Check Cartridge	
18	70050550	1	Assembly, Tube	
19	70050551	1	Assembly, Rod	
20	70050552	1	Assembly, Rod-Tube	
21	9553250010	1	Head	
22	7024101	1	Piston	
23	70050540	1	Piston	
24	70050541	1	Head	

FIGURE 3-17. UNDERLIFT BOOM COACH INSTALLATION 4 PIECE - 56,500 LBS (35K WINCH)

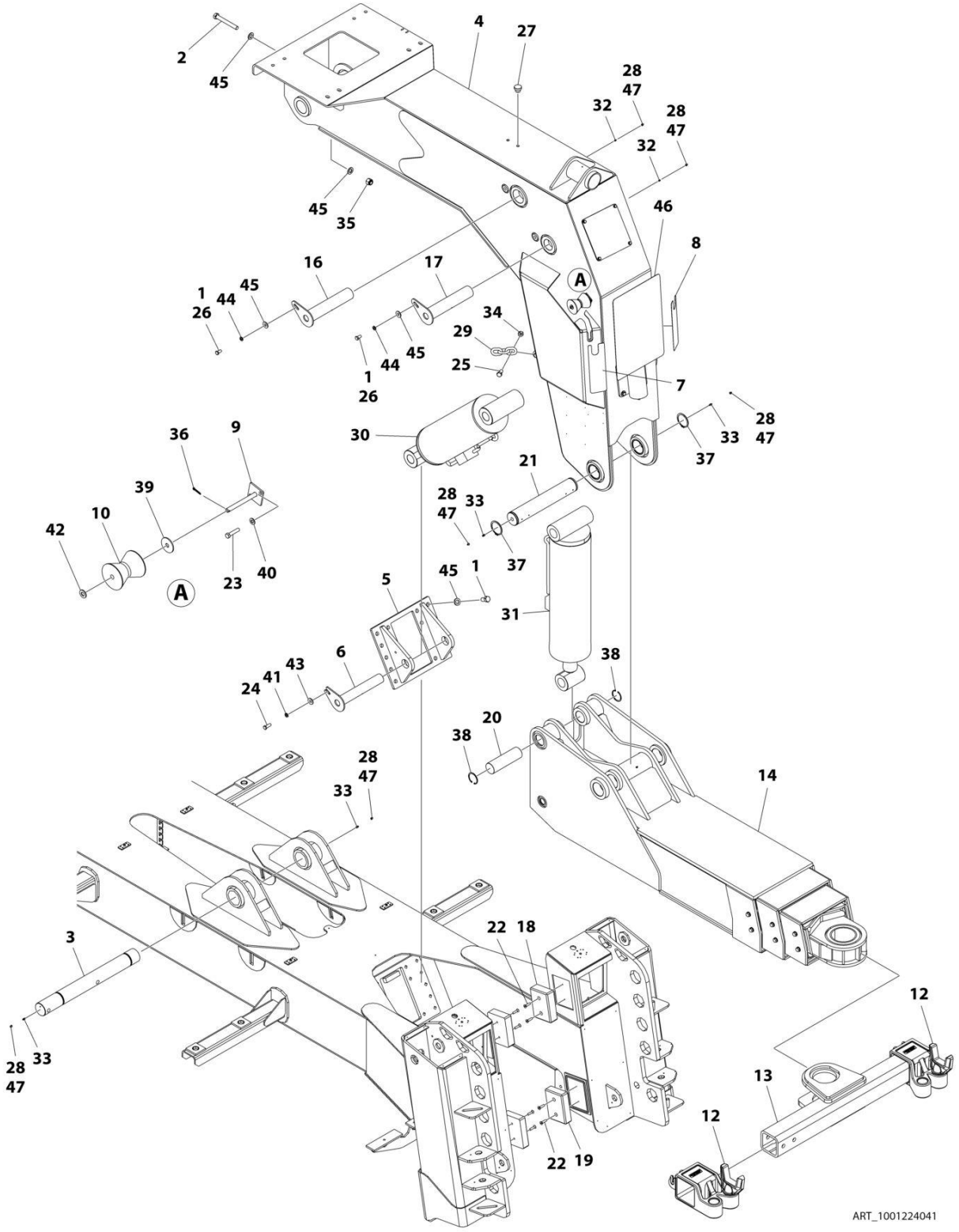


FIGURE 3-17. UNDERLIFT BOOM COACH INSTALLATION 4 PIECE - 56,500 LBS (35K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224041	Ref	Underlift Boom Installation 4 Piece - 56,500 lbs	B
1	0682212	16	Capscrew 3/4 x 1-1/2	
2	0682248	1	Capscrew 3/4 x 6	
3	1001128697	1	Pin	
4	1001133242	1	Underlift Knee Boom	
5	1001133286	1	Bracket, Lift Cylinder Support	
6	1001133289	1	Pin	
7	1001151184	1	Decal, Wear - LH	
8	1001151185	1	Decal, Wear - RH	
9	1001172053	2	Bracket	
10	1001172054	2	Chain Roller	
11	1001213979	1	Hydraulic Installation (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
12	2503870011	1	Underlift Tools - Frame Forks (See Separate Breakdown in ACCESSORIES Section)	
13	2503880012	1	Crosstube Installation (See Separate Breakdown in this Section)	
14	3170000381	1	Boom Assembly 4 Piece - 56,500 lbs (See Separate Breakdown in this Section)	
15	3508530006	1	Tube Assembly (Not Shown)	
16	3691000231	1	Pin	
17	3691000232	1	Pin	
18	4679000127	2	Pad, Top	
19	4679000245	2	Pad, Bottom	
20	4691000290	1	Pin	
21	4691000291	1	Pin	
22	7115160623	8	Capscrew 3/8 x 3/4	
23	7115161450	4	Capscrew 3/8 x 1-3/4	
24	7118181250	1	Capscrew 1/2 x 1-1/2	
25	7115201250	2	Capscrew 11/16 x 1-1/2	
26	7115220850	2	Capscrew 3/4 x 1	
27	7189000017	2	Rubber Bumper	
28	7253000002	6	Grease Fitting Cap	
29	7262000025	2	Chain	
30	7320000063	1	Underlift Lift Cylinder Assembly (See Separate Breakdown in this Section)	
31	7320000096	1	Underlift Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
32	7440000000	2	Grease Fitting	
33	7440030000	4	Grease Fitting	
34	7660202601	2	Nut 5/8	
35	7660222601	1	Nut 3/4	
36	7691000042	2	Pin	
37	7754000018	2	Retaining Ring	
38	7754000051	2	Retaining Ring	
39	7949000015	2	Washer	
40	7950160141	4	Washer 3/8	
41	7950180000	1	Washer 19/32	
42	7950180141	2	Washer 1/2	
43	7950180161	1	Washer 1/2	
44	7950220000	2	Washer 3/4	
45	7950220141	20	Washer 3/4	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	1001151050	1	Decal, Wear	
47	1001152707	AR	Lubricant	

FIGURE 3-18. UNDERLIFT BOOM COACH INSTALLATION 4 PIECE - 56,500 LBS (50K WINCH)

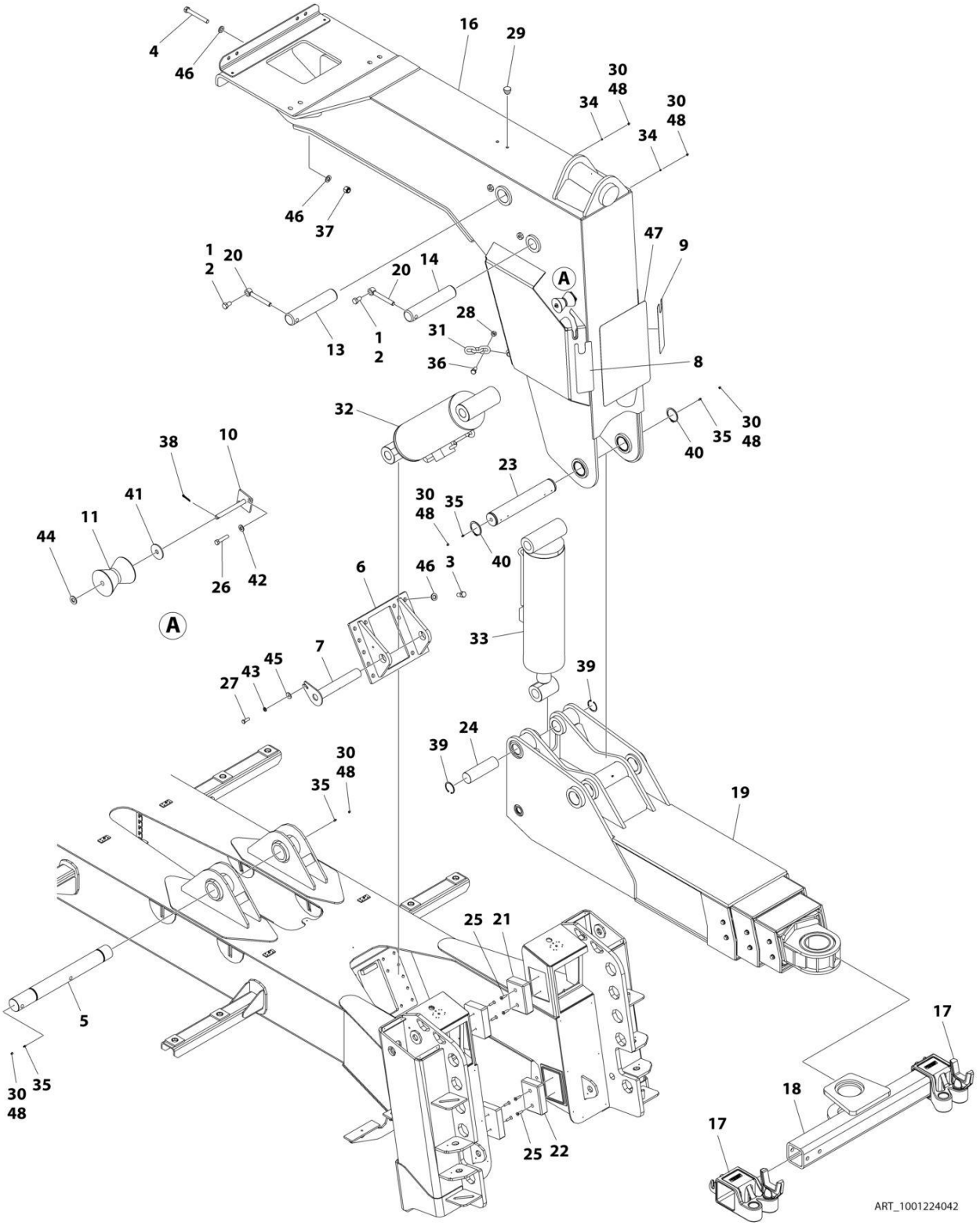


FIGURE 3-18. UNDERLIFT BOOM COACH INSTALLATION 4 PIECE - 56,500 LBS (50K WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224042	Ref	UNDERLIFT BOOM COACH INSTALLATION 4 PIECE - 56,500 LBS	B
1	0100011	AR	Compound locking	
2	0642210	2	Bolt 3/4 x 1-1/4	
3	0682212	16	Bolt 3/4 x 1-1/2	
4	0682248	1	Bolt 3/4 x 6	
5	1001128697	1	Pin	
6	1001133286	1	Bracket, Lift Cylinder Support	
7	1001133289	1	Pin	
8	1001151184	1	Decal, Wear - LH	
9	1001151185	1	Decal, Wear - RH	
10	1001172053	2	Bracket	
11	1001172054	2	Roller, Chain	
12	1001213979	1	Hydraulic Installation (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
13	1001222351	1	Pin	
14	1001222355	1	Pin	
15	1001222651	1	Tube Assembly (Not Shown)	
16	1001223611	1	Knee Boom Weldment	
17	2503870011	1	Underlift Tools - Frame Forks (See Separate Breakdown in ACCESSORIES Section)	
18	2503880012	1	Crosstube Installation (See Separate Breakdown in this Section)	
19	3170000381	1	Boom Assembly 4 Piece - 56,500 LB (See Separate Breakdown in this Section)	
20	3841287	2	Keeper Rod	
21	4679000127	2	Pad, Top	
22	4679000245	2	Pad, Bottom	
23	4691000290	1	Pin	
24	4691000291	1	Pin	
25	7115160623	8	Bolt 3/8 x 7	
26	7115161450	4	Bolt 3/8 x 1-3/4	
27	7118181250	1	Bolt 1/2 x 1-1/2	
28	7115201250	2	Bolt 5/8 x 1-1/2	
29	7189000017	2	Rubber Bumper	
30	7253000002	6	Grease Fitting Cap	
31	7262000025	2	Chain	
32	7320000063	1	Underlift Lift Cylinder Assembly (See Separate Breakdown in this Section)	
33	7320000096	1	Underlift Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
34	7440000000	2	Grease Fitting	
35	7440030000	4	Grease Fitting	
36	7660202601	2	Nut 5/8	
37	7660222601	1	Nut 3/4	
38	7691000042	2	Pin	
39	7754000018	2	Retaining Ring	
40	7754000051	2	Retaining Ring	
41	7949000015	2	Washer	
42	7950160141	4	Washer 3/8	
43	7950180000	1	Washer 19/32	
44	7950180141	2	Washer 1/2	

SECTION 3 - UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	7950180161	1	Washer 1/2	
46	7950220141	18	Washer 3/4	
47	1001151050	1	Decal, Wear	
48	1001152707	AR	Lubricant	

FIGURE 3-19. BOOM ASSEMBLY 4 PIECE - 56,500 LBS

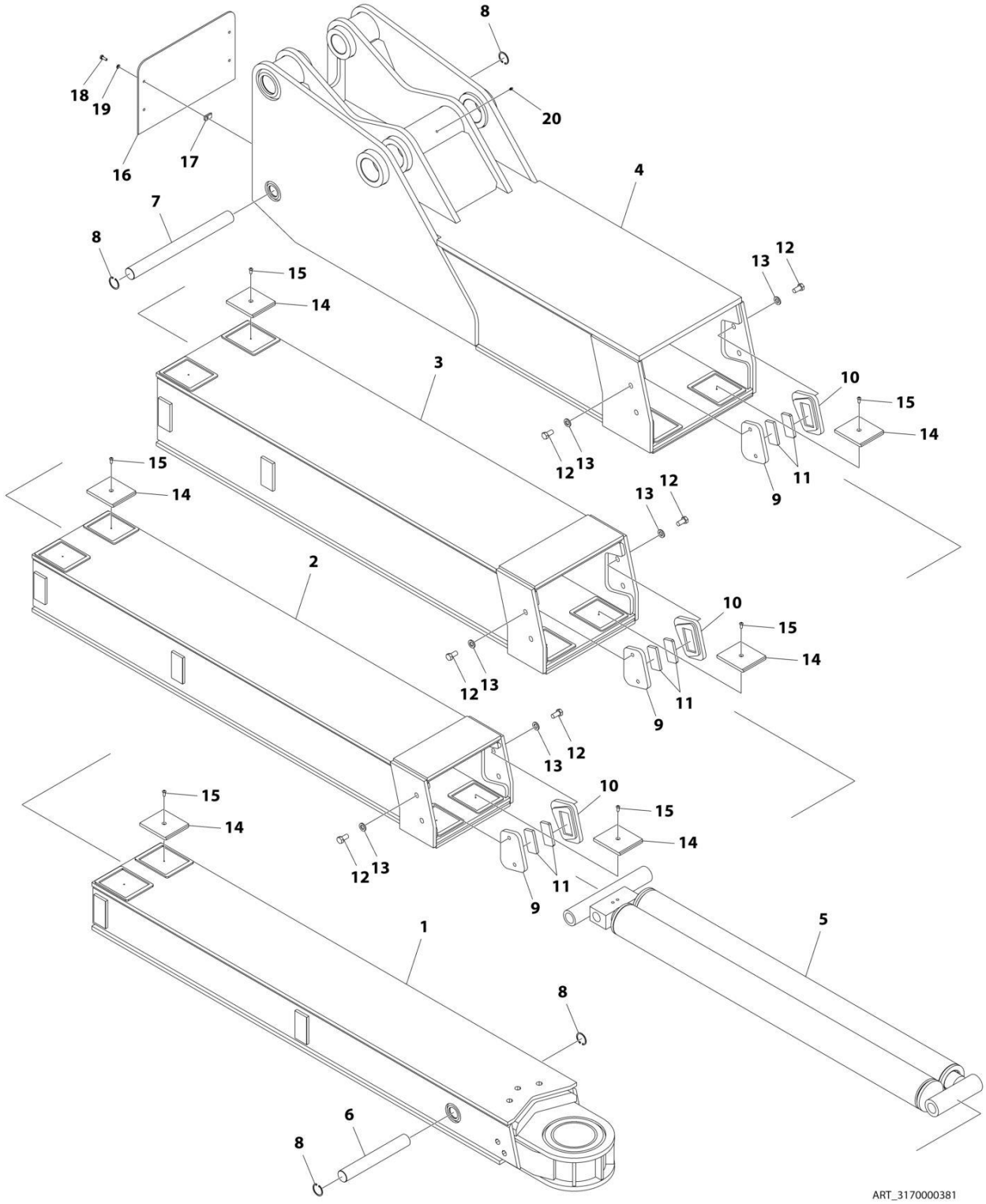


FIGURE 3-19. BOOM ASSEMBLY 4 PIECE - 56,500 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3170000381	Ref	Boom Assembly 4 Piece - 56,500 lbs	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	Snap Ring	
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 3-20. UNDERLIFT EXTEND CYLINDER ASSEMBLY - 56,500 LBS

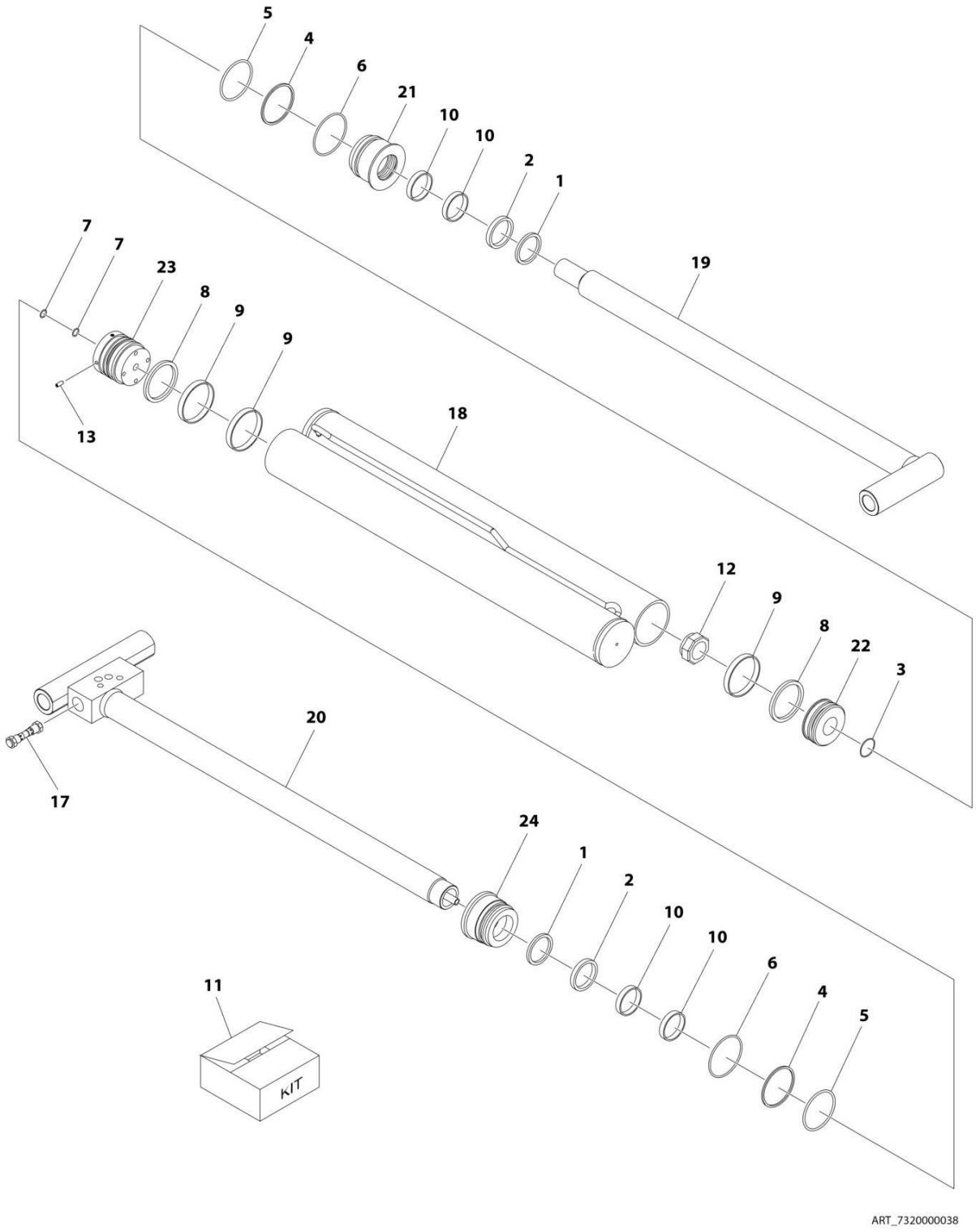


FIGURE 3-20. UNDERLIFT EXTEND CYLINDER ASSEMBLY - 56,500 LBS

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	
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	Kit, Check Cartridge	
18	70051197	1	Assembly, Tube	
19	70051196	1	Assembly, Rod	
20	70050075	1	Assembly, Rod-Tube	
21	9553250010	1	Head	
22	7024101	1	Piston	
23	70050540	1	Piston	
24	70050541	1	Head	

FIGURE 3-21. UNDERLIFT LIFT CYLINDER ASSEMBLY

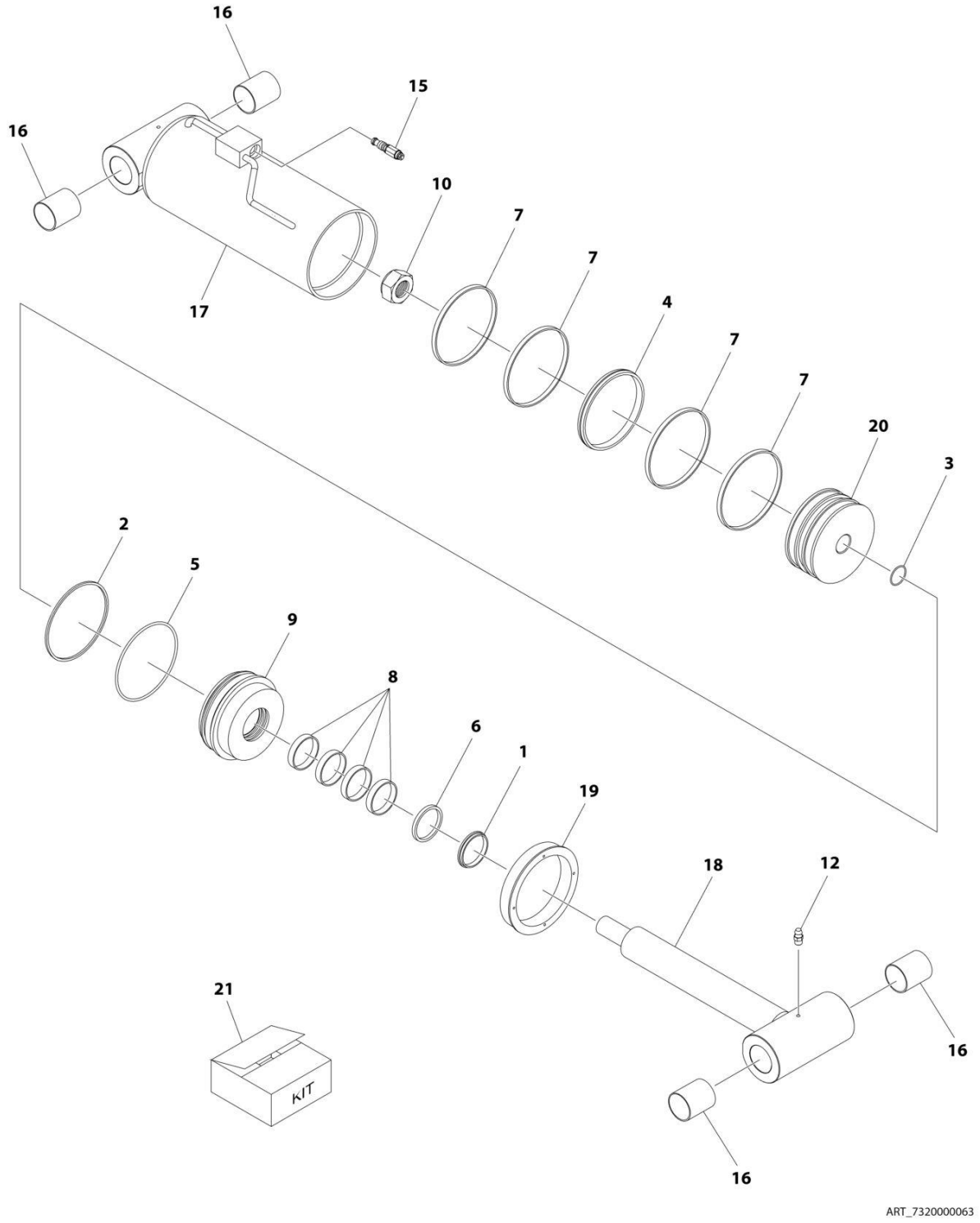


FIGURE 3-21. UNDERLIFT LIFT CYLINDER ASSEMBLY

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	

FIGURE 3-22. UNDERLIFT TILT CYLINDER ASSEMBLY

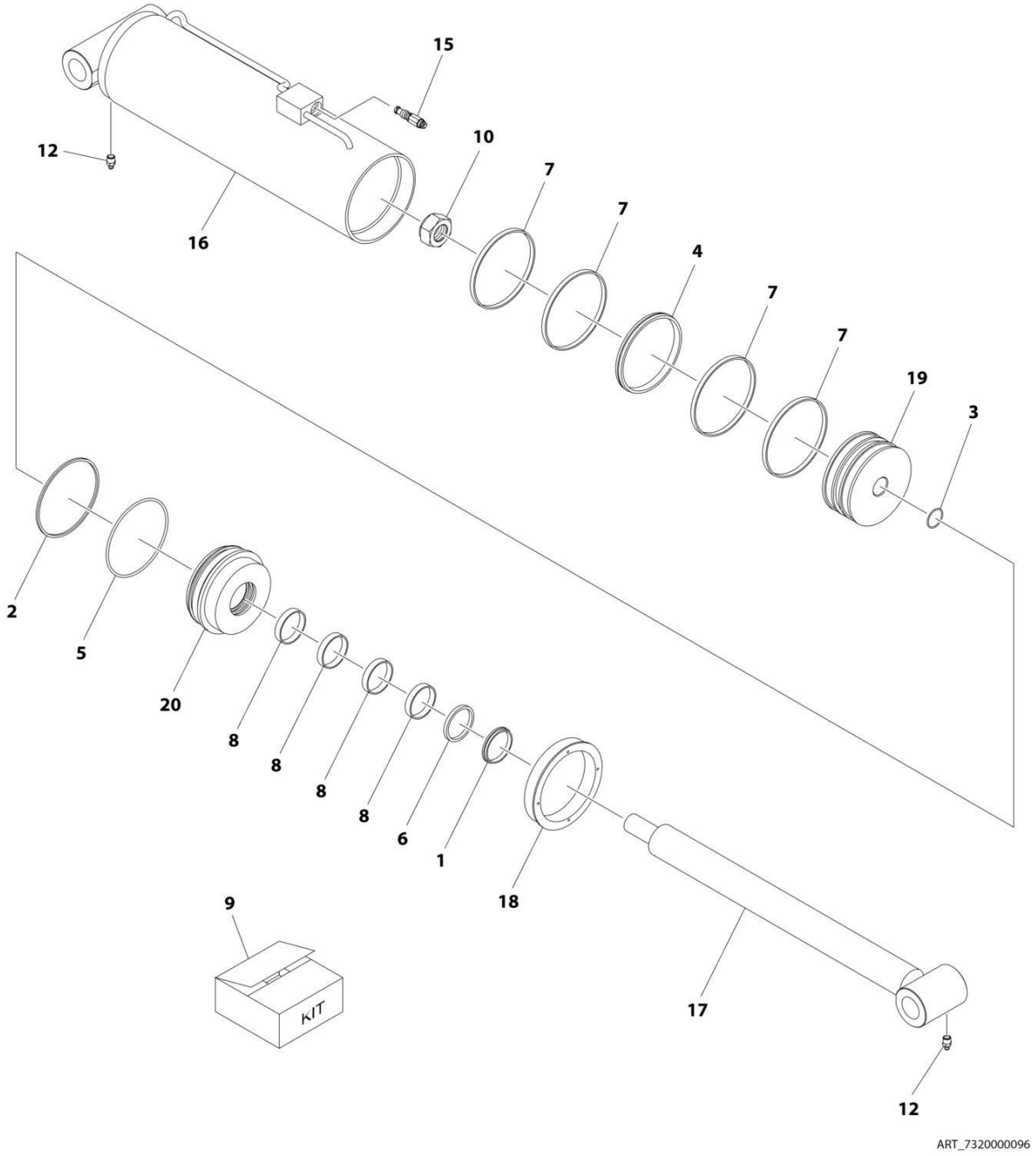


FIGURE 3-22. UNDERLIFT TILT CYLINDER ASSEMBLY

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	
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. CROSSTUBE INSTALLATION

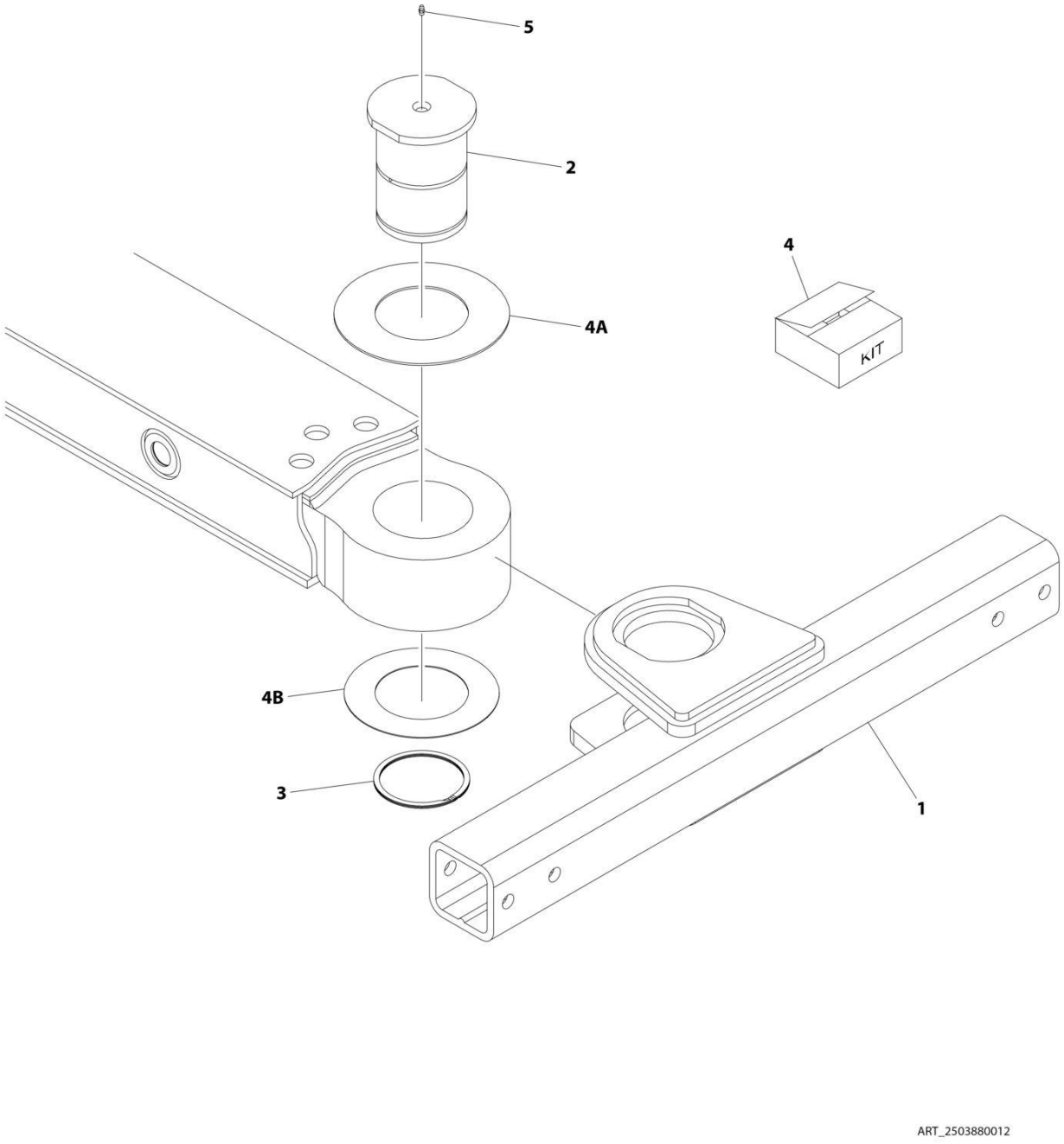
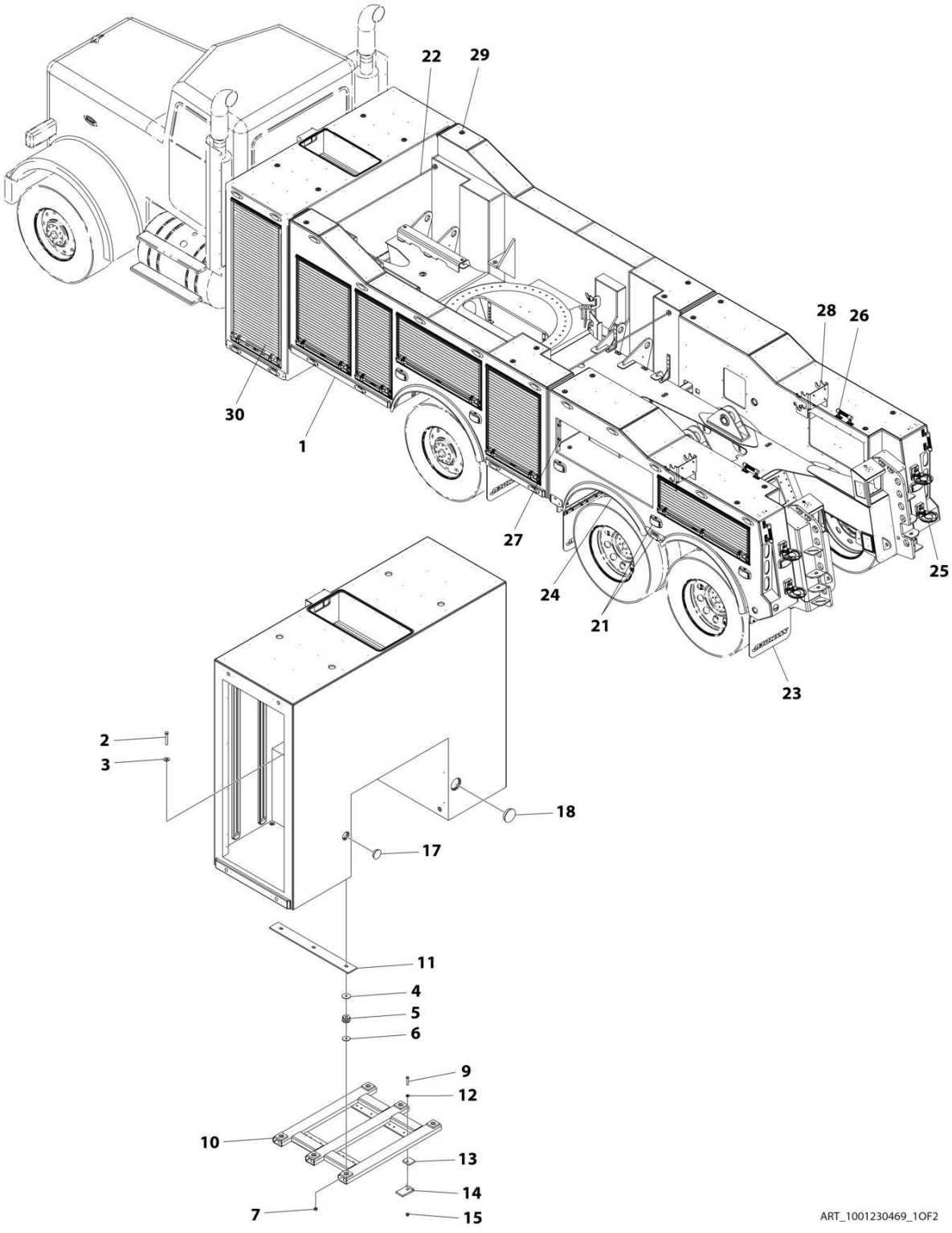


FIGURE 3-23. CROSSTUBE INSTALLATION

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	

SECTION 4 - BODY

FIGURE 4-1. JFB BODY INSTALLATION - 255 - 4SS BRUSHED (Prior to SN 0230008542)



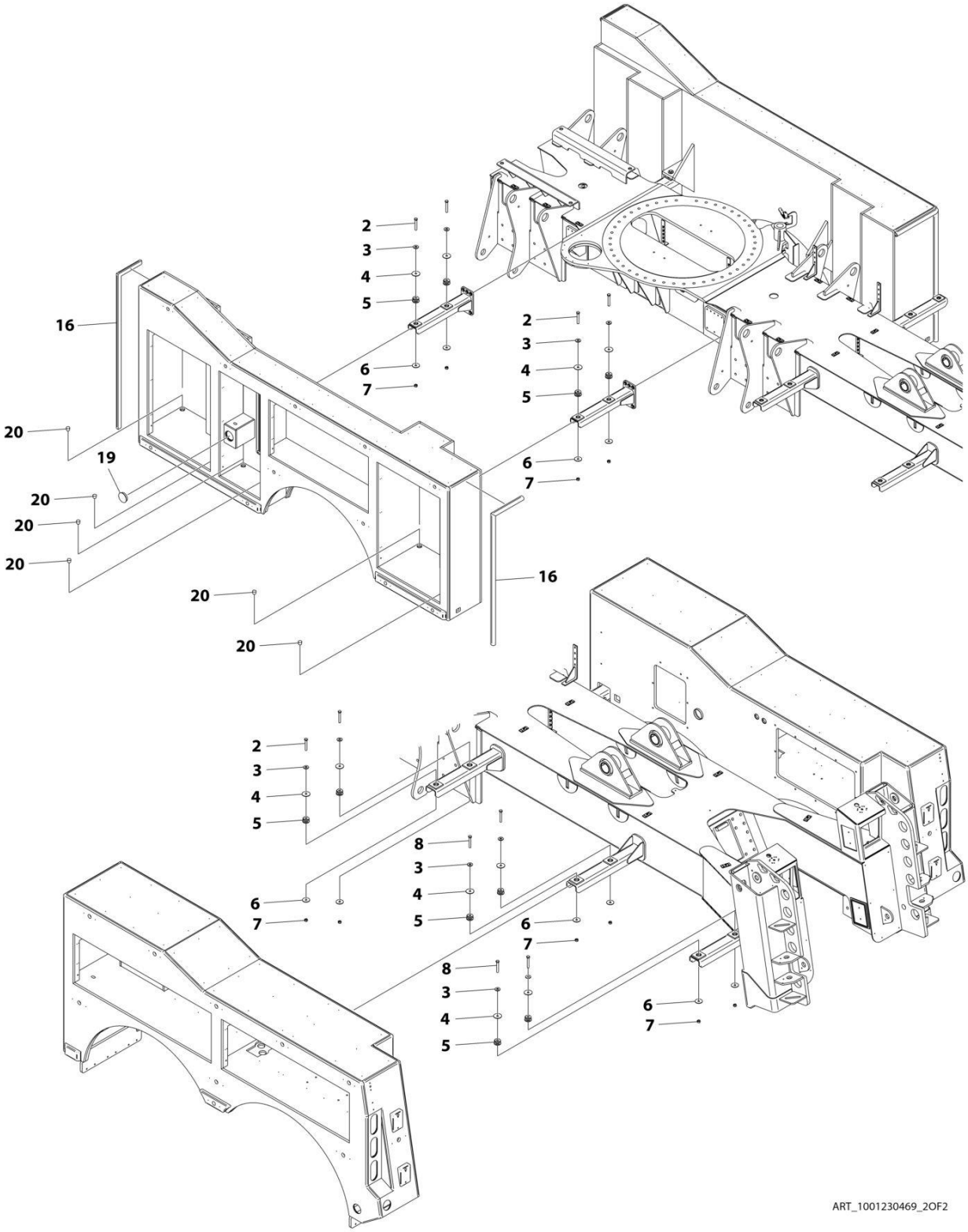
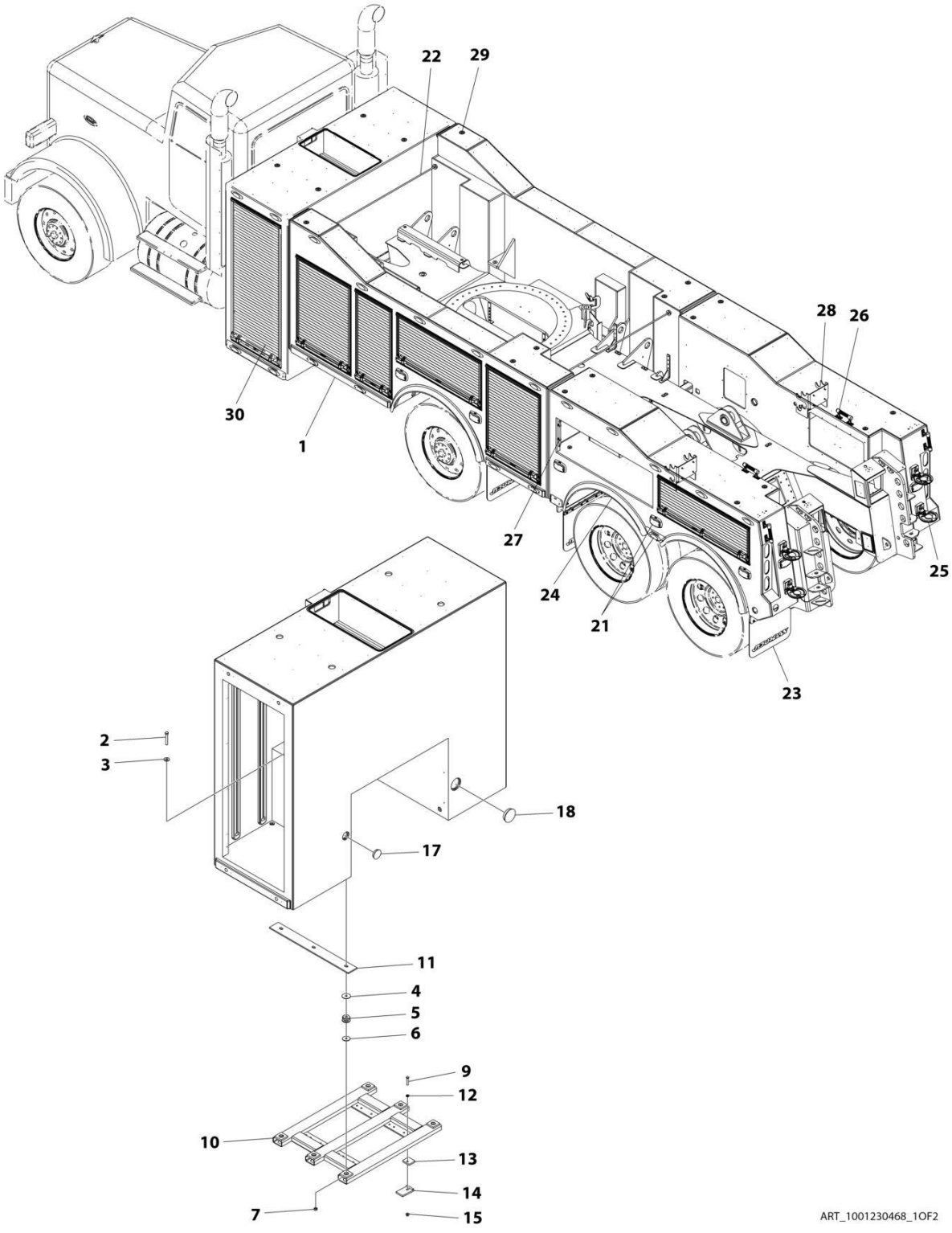

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ART_1001230469_2OF2

FIGURE 4-1. JFB BODY INSTALLATION - 255 - 4SS BRUSHED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230469	Ref	JFB BODY INSTALLATION - 255 - 4SS BRUSHED	C
1	1001230417	1	Box, Tunnel Toolbox	
2	0642034	18	Bolt 5/8 x 4-1/4	
3	7950200161	26	Washer 5/8	
4	7949000019	26	Washer	
5	7636000008	26	Mount	
6	7949000020	26	Washer	
7	7660200001	26	Nut 5/8	
8	7115203250	8	Bolt 5/8 x 4	
9	7115182250	8	Bolt 1/2 x 2-3/4	
10	1001187063	1	Toolbox Mount	
11	1001197338	2	Support Plate	
12	7950180252	8	Washer 1/2	
13	4705000705	8	Plate	
14	3274000011	8	Clamp	
15	7660182301	8	Nut	
16	8632000011	24.8 ft	Rubber Seal	
17	1001177203	1	Plug	
18	1001177202	1	Plug	
19	1001151789	3	Plug	
20	1001173847	16	Plug	
21	1001206040	1	Lights Marker and Quad Installation (See Separate Breakdown in this Section)	
22	1001178303	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
23	1001166220	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
24	1001166946	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
25	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
26	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
27	1001206030	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
28	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
29	1001206041	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
30	1001205909	1	Doors 50T Roll Up Installation (See Separate Breakdown in this Section)	
31	0100011	AR	Compound locking (Not Shown)	

FIGURE 4-2. JFB BODY INSTALLATION - 255 - 4SS PAINTED (Prior to SN 0230008542)



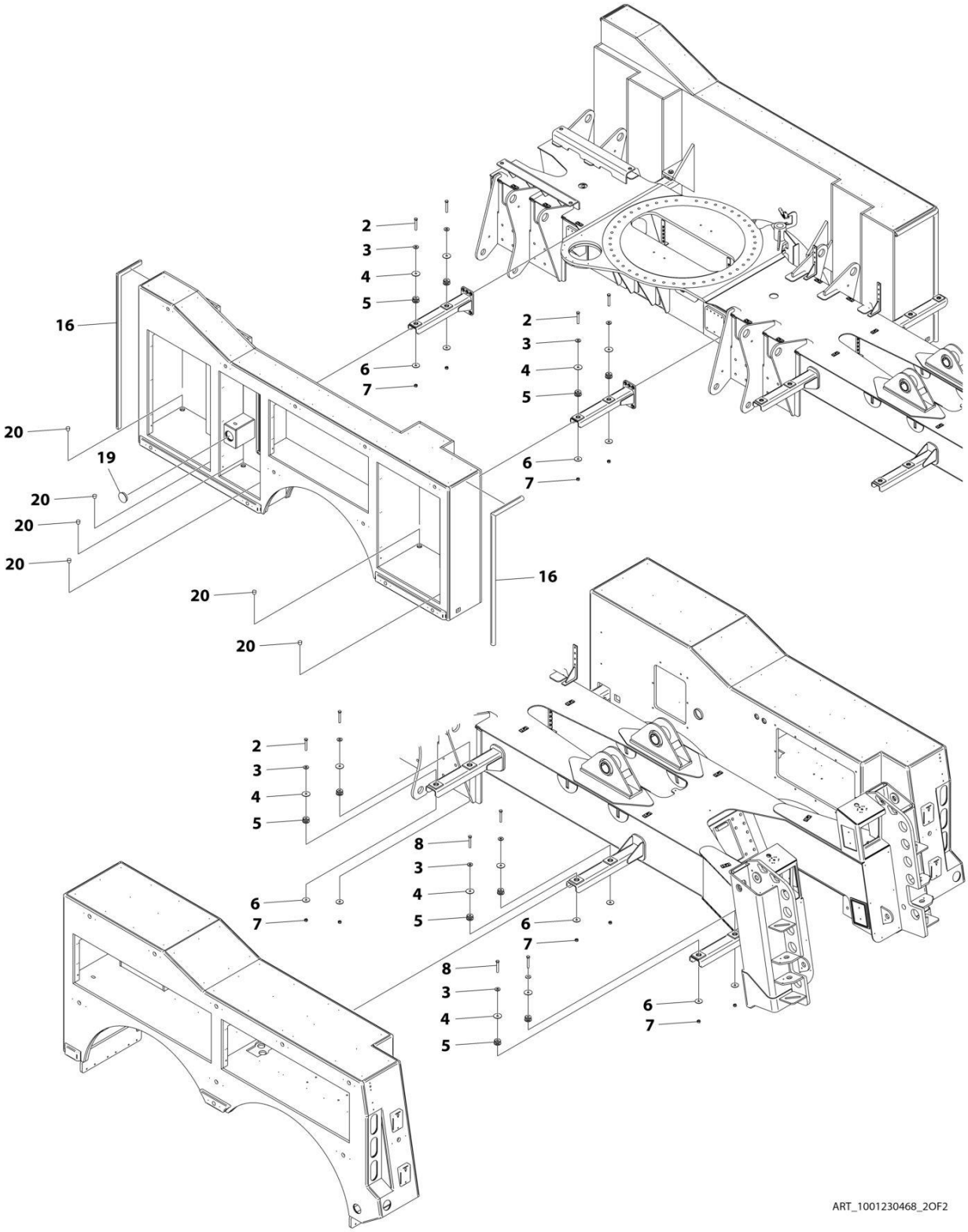
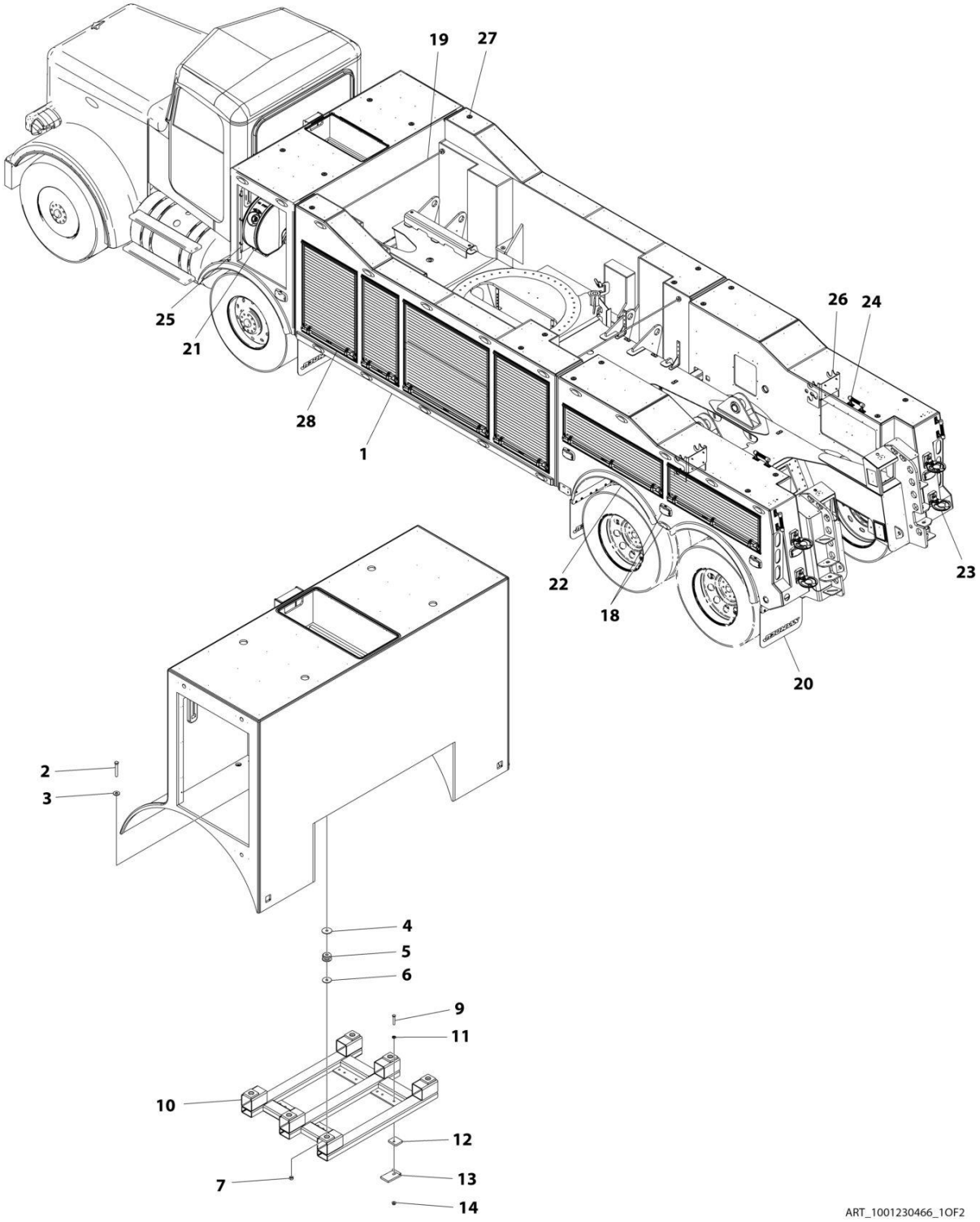

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FIGURE 4-2. JFB BODY INSTALLATION - 255 - 4SS PAINTED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230468	Ref	JFB BODY INSTALLATION - 255 - 4SS PAINTED	C
1	1001230417	1	Box, Tunnel Toolbox	
2	0642034	18	Bolt 5/8 x 4-1/4	
3	7950200161	26	Washer 5/8	
4	7949000019	26	Washer	
5	7636000008	26	Mount	
6	7949000020	26	Washer	
7	7660200001	26	Nut 5/8	
8	7115203250	8	Bolt 5/8 x 4	
9	7115182250	8	Bolt 1/2 x 2-3/4	
10	1001187063	1	Toolbox Mount	
11	1001197338	2	Support Plate	
12	7950180252	8	Washer 1/2	
13	4705000705	8	Plate	
14	3274000011	8	Clamp	
15	7660182301	8	Nut	
16	8632000011	24.8 ft	Rubber Seal	
17	1001177203	1	Plug	
18	1001177202	1	Plug	
19	1001151789	3	Plug	
20	1001173847	16	Plug	
21	1001206040	1	Lights Marker and Quad Installation (See Separate Breakdown in this Section)	
22	1001178303	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
23	1001166220	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
24	1001166946	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
25	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
26	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
27	1001206030	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
28	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
29	1001206041	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
30	1001205670	1	Doors 50T Roll Up Installation (See Separate Breakdown in this Section)	
31	0100011	AR	Compound locking (Not Shown)	

FIGURE 4-3. JFB BODY INSTALLATION - 255 - 4TS BRUSHED (Prior to SN 0230008542)



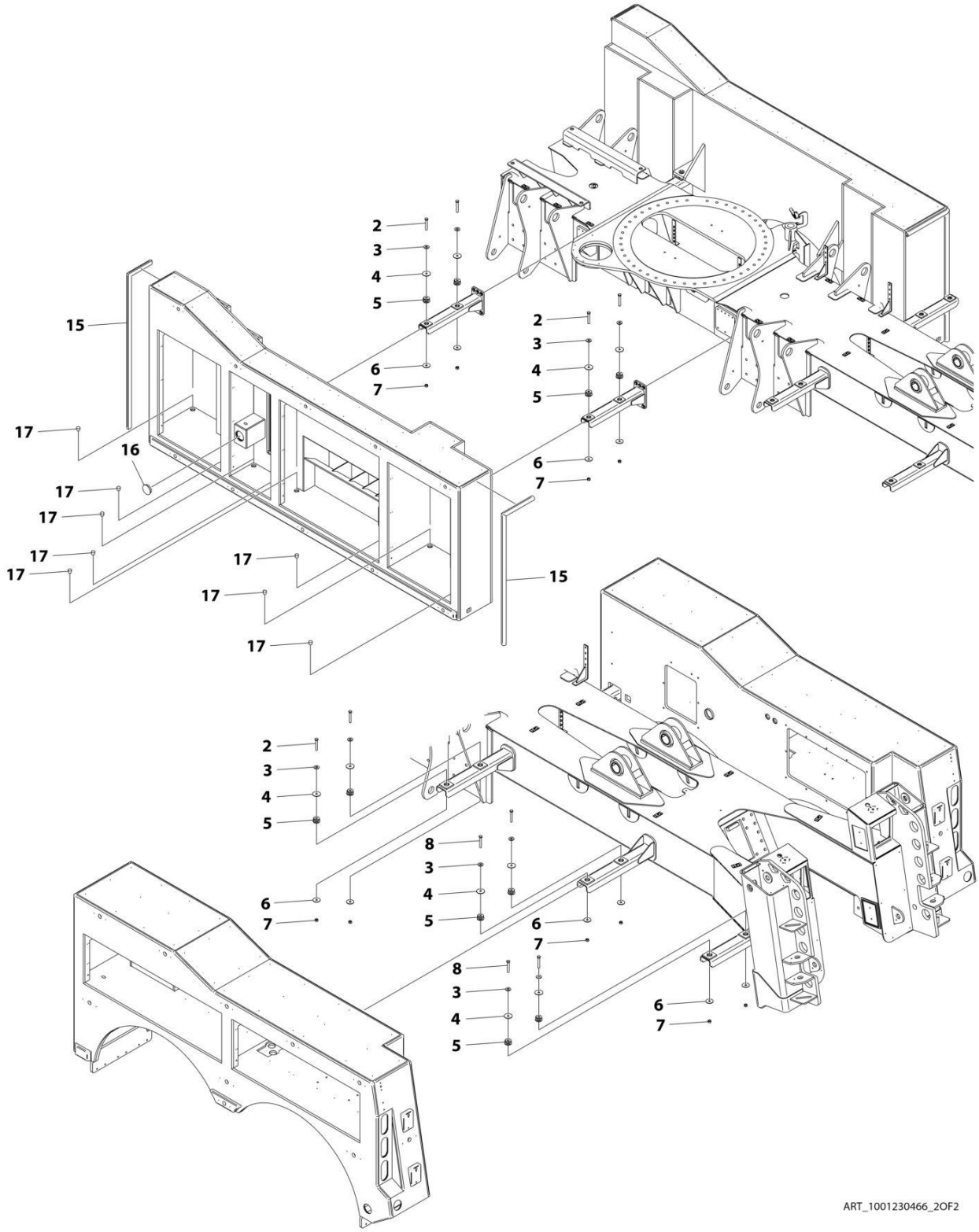
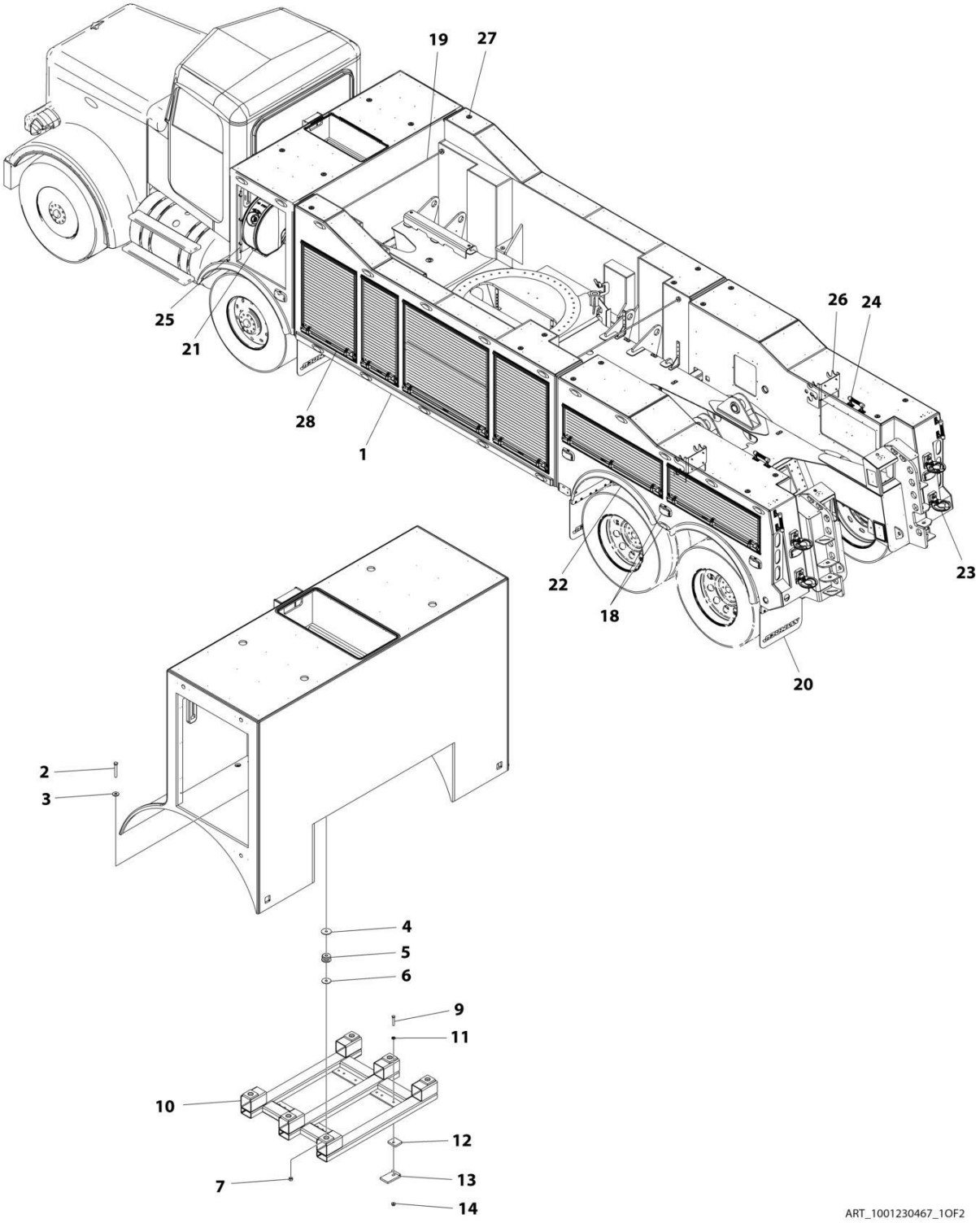

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FIGURE 4-3. JFB BODY INSTALLATION - 255 - 4TS BRUSHED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230466	Ref	JFB BODY INSTALLATION - 255- 4TS BRUSHED	C
1	1001230416	1	Box, Tunnel Toolbox	
2	0642034	18	Bolt 5/8 x 4-1/4	
3	7950200161	26	Washer 5/8	
4	7949000019	26	Washer	
5	7636000008	26	Mount	
6	7949000020	26	Washer	
7	7660200001	26	Nut 5/8	
8	7115203250	8	Bolt 5/8 x 4	
9	7115182250	8	Bolt 1/2 x 2-3/4	
10	1001182562	1	Toolbox Mount	
11	7950180252	8	Washer 1/2	
12	4705000705	8	Plate	
13	3274000011	8	Clamp	
14	7660182301	8	Nut	
15	8632000011	45 ft	Rubber Seal	
16	1001151789	5	Plug	
17	1001173847	20	Plug	
18	1001182710	1	Marker/Flasher Lights Installation (See Separate Breakdown in this Section)	
19	1001178303	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
20	1001182606	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
21	1001192988	1	DEF Tank Installation (See Separate Breakdown in this Section)	
22	1001182690	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
23	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
24	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
25	1001182706	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
26	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
27	1001183498	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
28	1001182664	1	Doors 50T Roll Up Installation (See Separate Breakdown in this Section)	
29	0100011	AR	Compound locking (Not Shown)	

FIGURE 4-4. JFB BODY INSTALLATION - 255 - 4TS PAINTED (Prior to SN 0230008542)



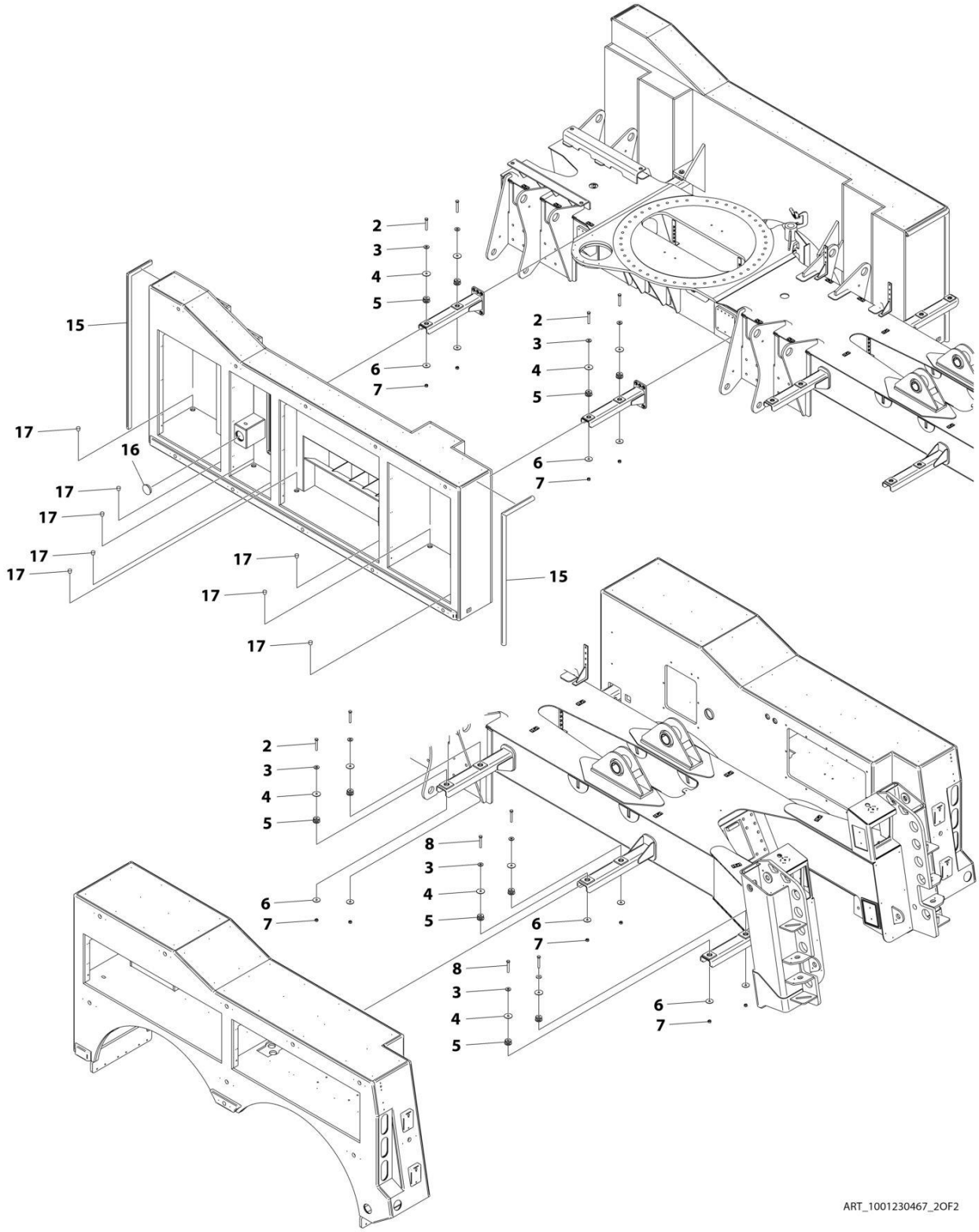
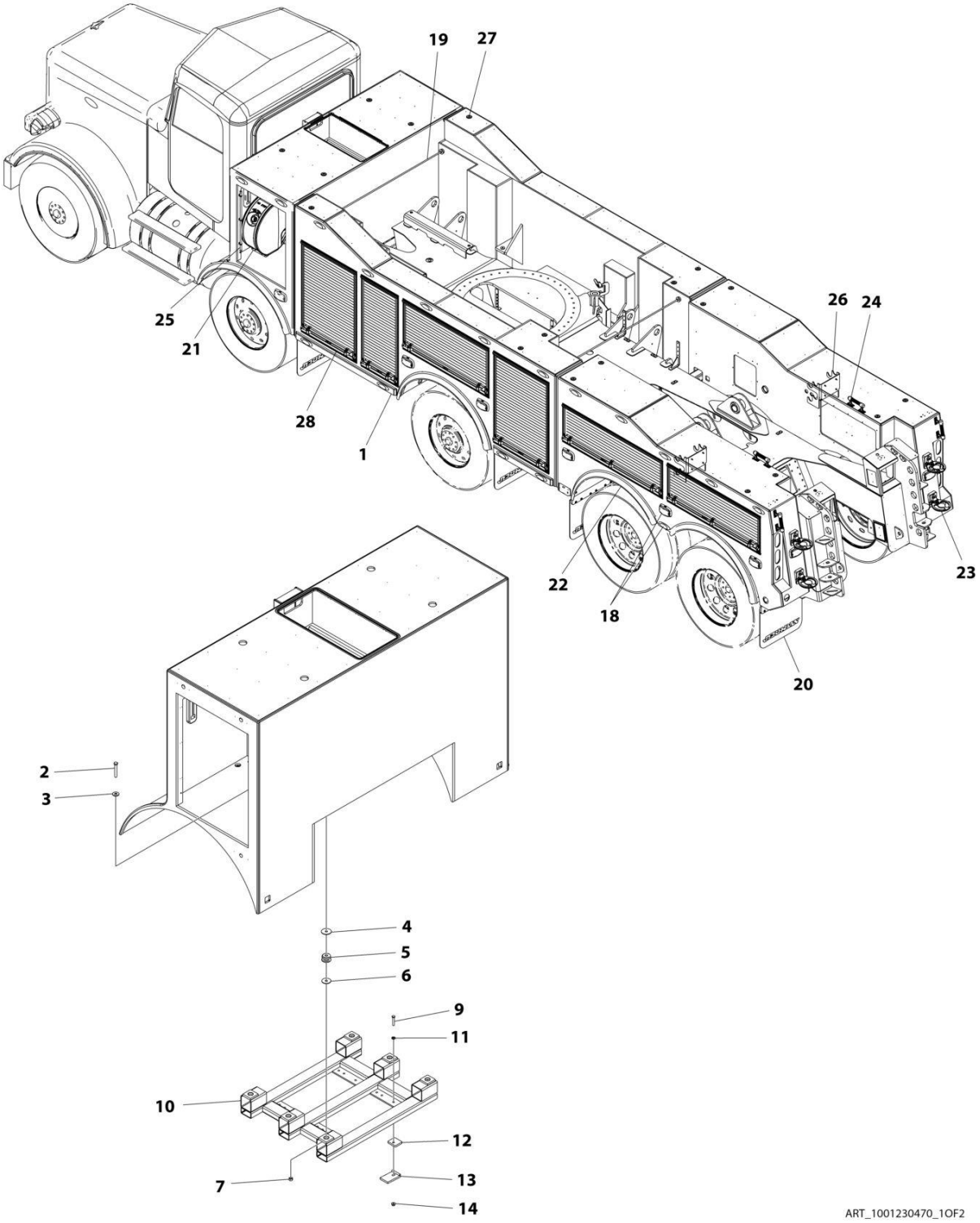

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FIGURE 4-4. JFB BODY INSTALLATION - 255 - 4TS PAINTED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230467	Ref	JFB BODY INSTALLATION - 255- 4TS PAINTED	C
1	1001230416	1	Box, Tunnel Toolbox	
2	0642034	18	Bolt 5/8 x 4-1/4	
3	7950200161	26	Washer 5/8	
4	7949000019	26	Washer	
5	7636000008	26	Mount	
6	7949000020	26	Washer	
7	7660200001	26	Nut 5/8	
8	7115203250	8	Bolt 5/8 x 4	
9	7115182250	8	Bolt 1/2 x 2-3/4	
10	1001182562	1	Toolbox Mount	
11	7950180252	8	Washer 1/2	
12	4705000705	8	Plate	
13	3274000011	8	Clamp	
14	7660182301	8	Nut	
15	8632000011	45 ft	Rubber Seal	
16	1001151789	5	Plug	
17	1001173847	20	Plug	
18	1001182710	1	Marker/Flasher Lights Installation (See Separate Breakdown in this Section)	
19	1001178303	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
20	1001182606	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
21	1001192988	1	DEF Tank Installation (See Separate Breakdown in this Section)	
22	1001182690	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
23	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
24	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
25	1001182706	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
26	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
27	1001183498	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
28	1001182665	1	Painted Doors Installation (See Separate Breakdown in this Section)	
29	0100011	AR	Compound locking (Not Shown)	

FIGURE 4-5. JFB BODY INSTALLATION - 255 - 5TS BRUSHED (Prior to SN 0230008542)



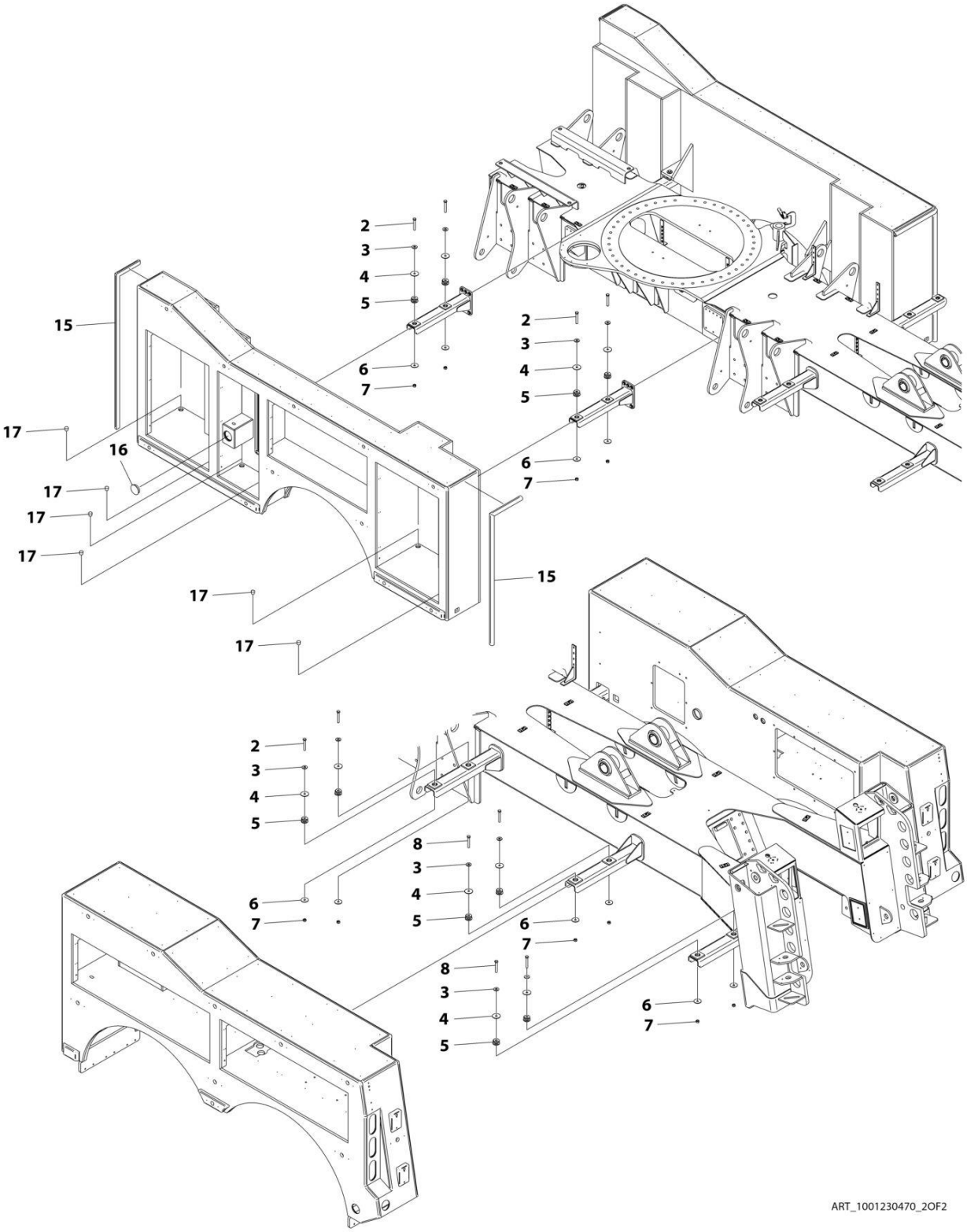
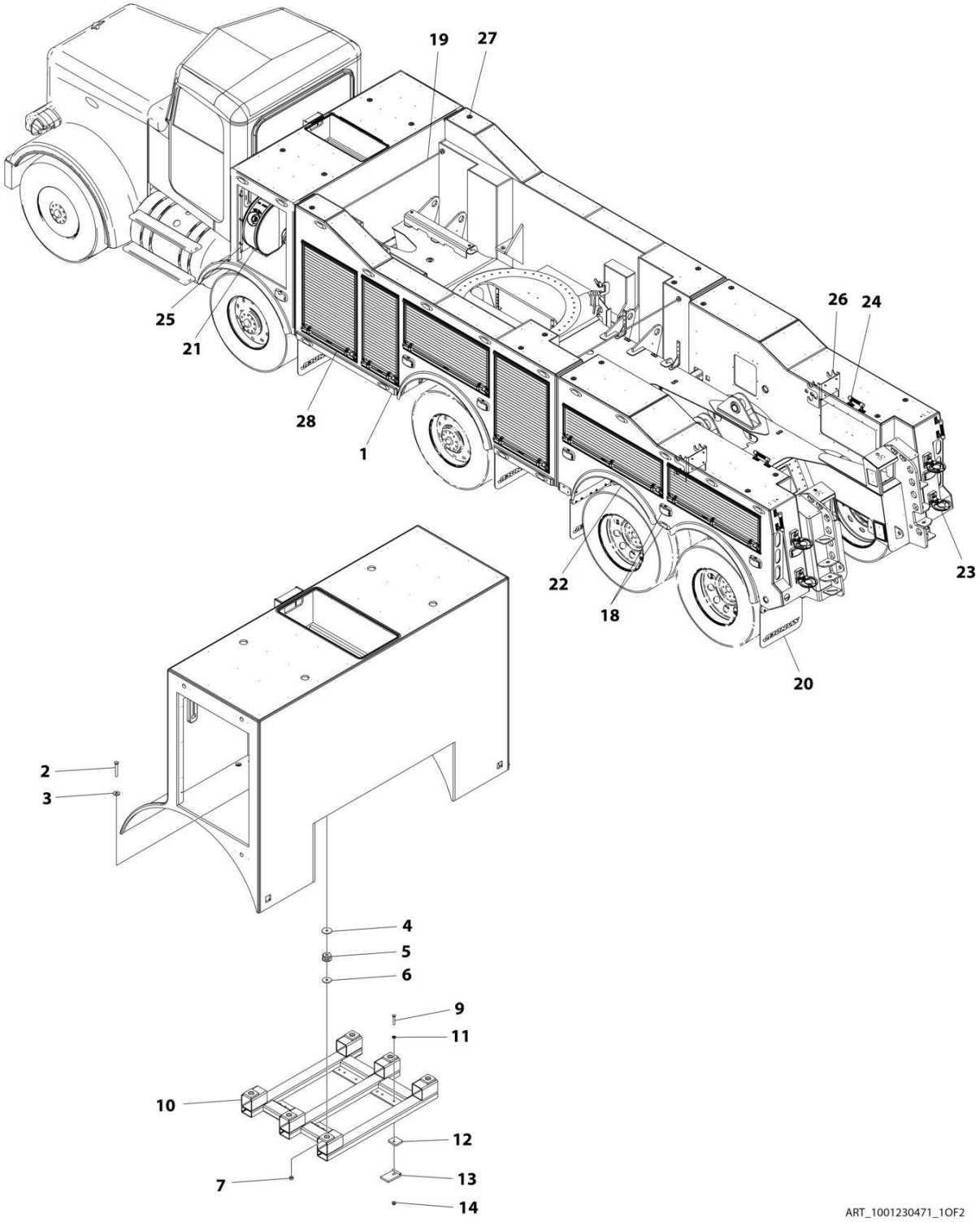

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FIGURE 4-5. JFB BODY INSTALLATION - 255 - 5TS BRUSHED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230470	Ref	JFB BODY INSTALLATION - 255- 5TS BRUSHED	C
1	1001230418	1	Box, Tunnel Toolbox	
2	0642034	18	Bolt 5/8 x 4-1/4	
3	7950200161	26	Washer 5/8	
4	7949000019	26	Washer	
5	7636000008	26	Mount	
6	7949000020	26	Washer	
7	7660200001	26	Nut 5/8	
8	7115203250	8	Bolt 5/8 x 4	
9	7115182250	8	Bolt 1/2 x 2-3/4	
10	1001182562	1	Toolbox Mount	
11	7950180252	8	Washer 1/2	
12	4705000705	8	Plate	
13	3274000011	8	Clamp	
14	7660182301	8	Nut	
15	8632000011	45 ft	Rubber Seal	
16	1001151789	3	Plug	
17	1001173847	16	Plug	
18	1001209171	1	Marker/Flasher Lights Installation (See Separate Breakdown in this Section)	
19	1001210053	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
20	1001209163	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
21	1001192988	1	DEF Tank Installation (See Separate Breakdown in this Section)	
22	1001209167	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
23	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
24	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
25	1001209168	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
26	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
27	1001183498	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
28	1001209165	1	Brushed Doors Installation (See Separate Breakdown in this Section)	
29	0100011	AR	Compound locking (Not Shown)	

FIGURE 4-6. JFB BODY INSTALLATION - 255 - 5TS PAINTED (Prior to SN 0230008542)



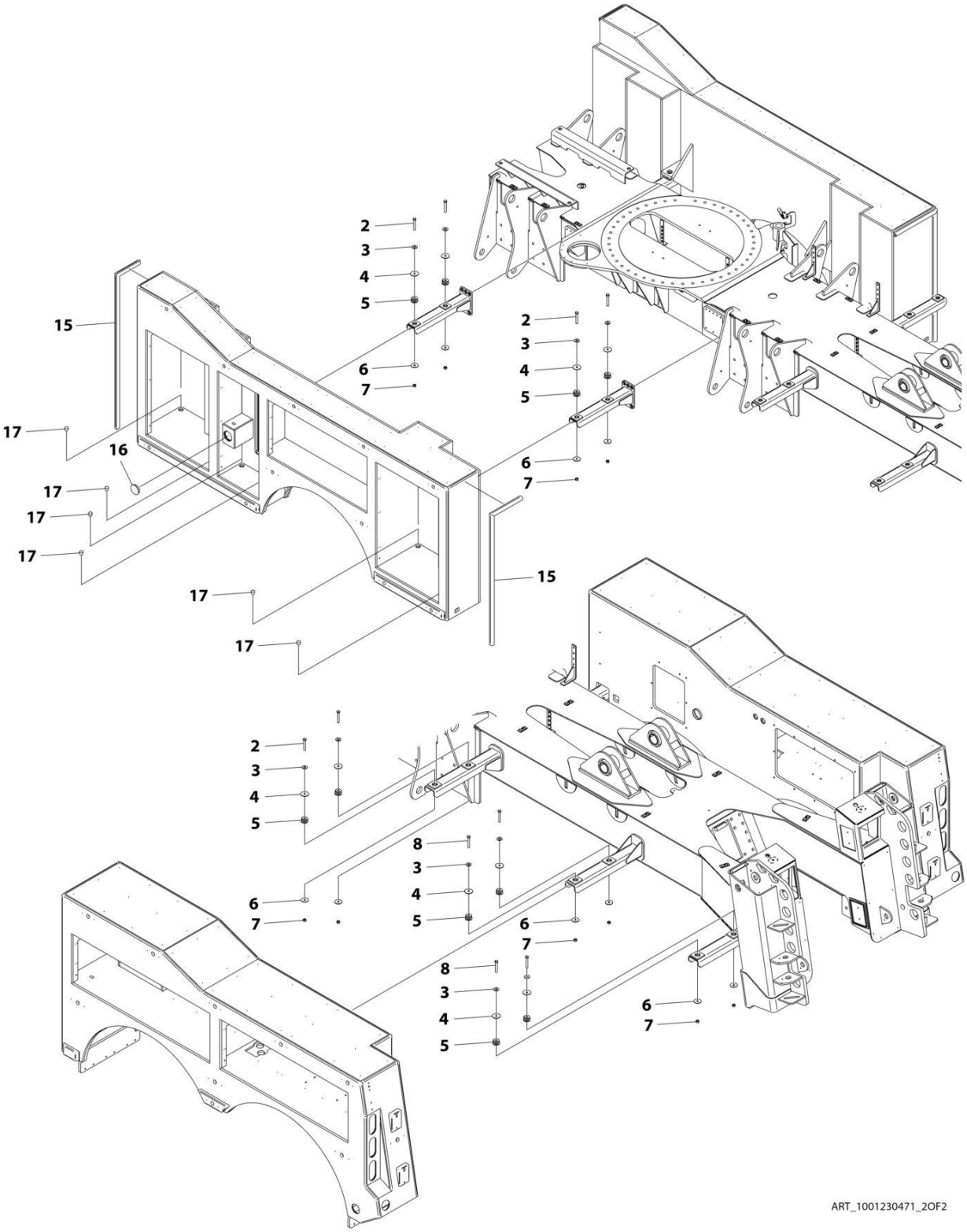
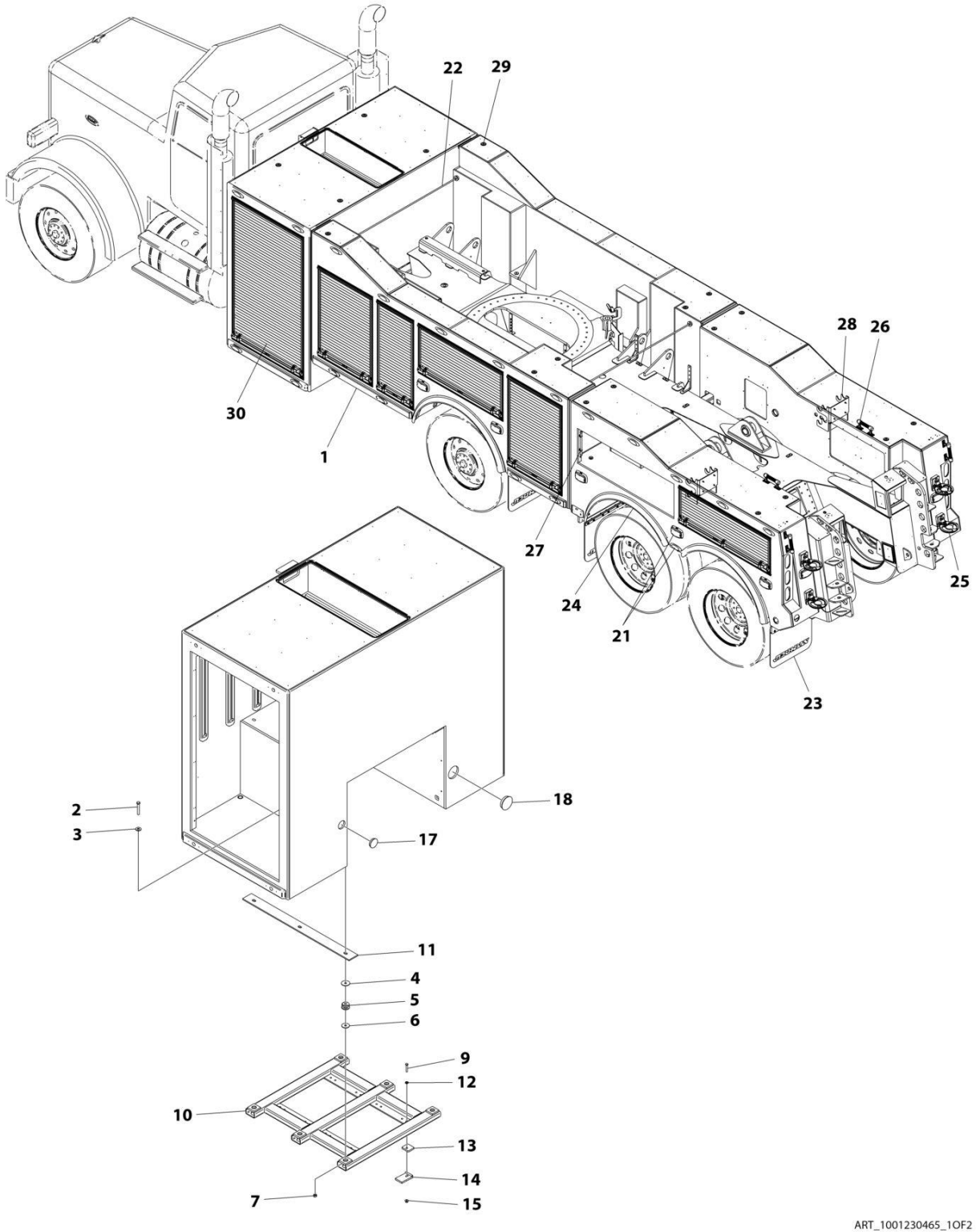

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FIGURE 4-6. JFB BODY INSTALLATION - 255 - 5TS PAINTED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230471	Ref	JFB BODY INSTALLATION - 255- 5TS PAINTED	C
1	1001230418	1	Box, Tunnel Toolbox	
2	0642034	18	Bolt 5/8 x 4-1/4	
3	7950200161	26	Washer 5/8	
4	7949000019	26	Washer	
5	7636000008	26	Mount	
6	7949000020	26	Washer	
7	7660200001	26	Nut 5/8	
8	7115203250	8	Bolt 5/8 x 4	
9	7115182250	8	Bolt 1/2 x 2-3/4	
10	1001182562	1	Toolbox Mount	
11	7950180252	8	Washer 1/2	
12	4705000705	8	Plate	
13	3274000011	8	Clamp	
14	7660182301	8	Nut	
15	8632000011	45 ft	Rubber Seal	
16	1001151789	3	Plug	
17	1001173847	16	Plug	
18	1001209171	1	Marker/Flasher Lights Installation (See Separate Breakdown in this Section)	
19	1001210053	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
20	1001209163	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
21	1001192988	1	DEF Tank Installation (See Separate Breakdown in this Section)	
22	1001209167	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
23	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
24	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
25	1001209168	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
26	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
27	1001183498	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
28	1001209166	1	Painted Doors Installation (See Separate Breakdown in this Section)	
29	0100011	AR	Compound locking (Not Shown)	

FIGURE 4-7. JFB BODY INSTALLATION - 267 - 4SS BRUSHED (Prior to SN 0230008542)



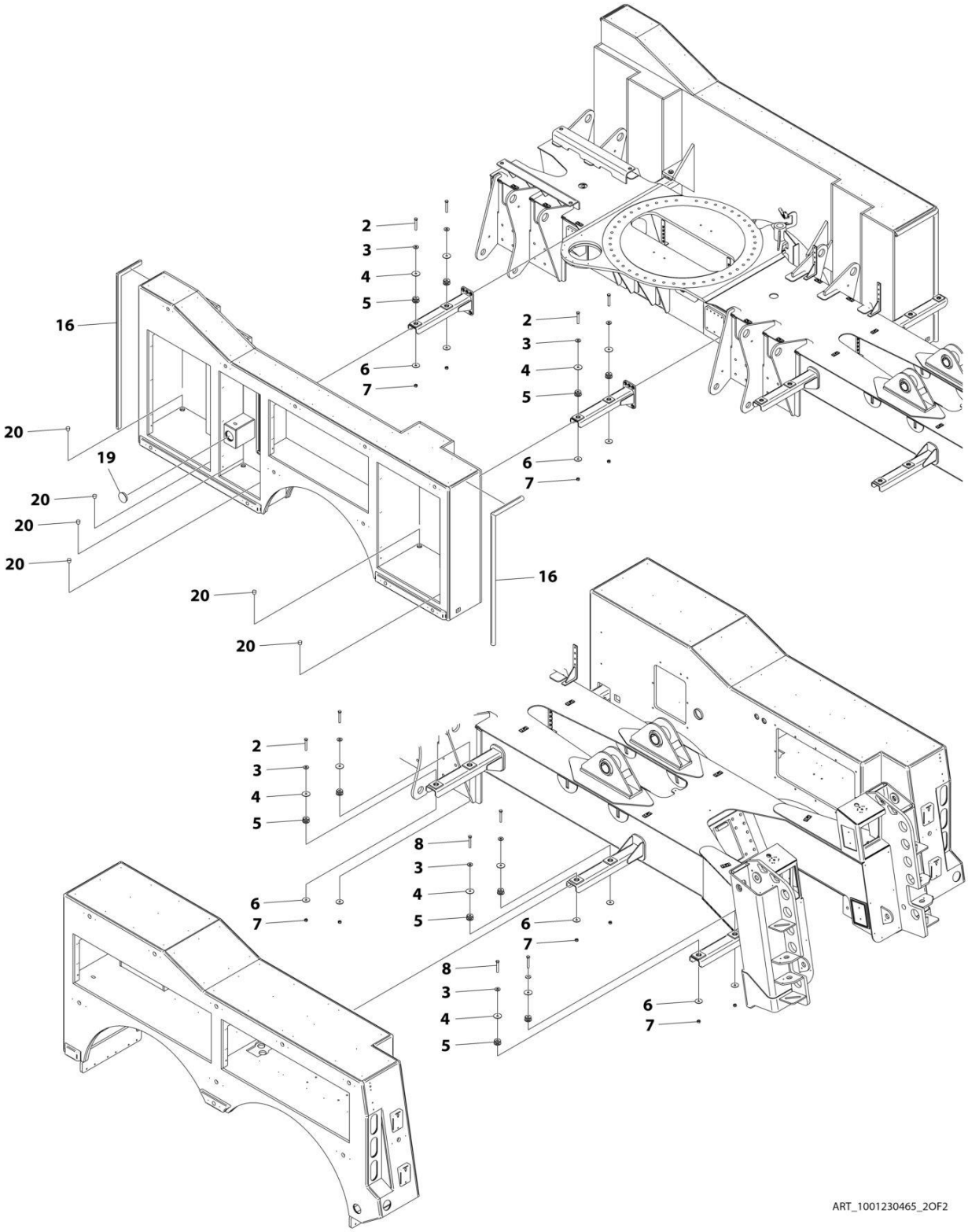
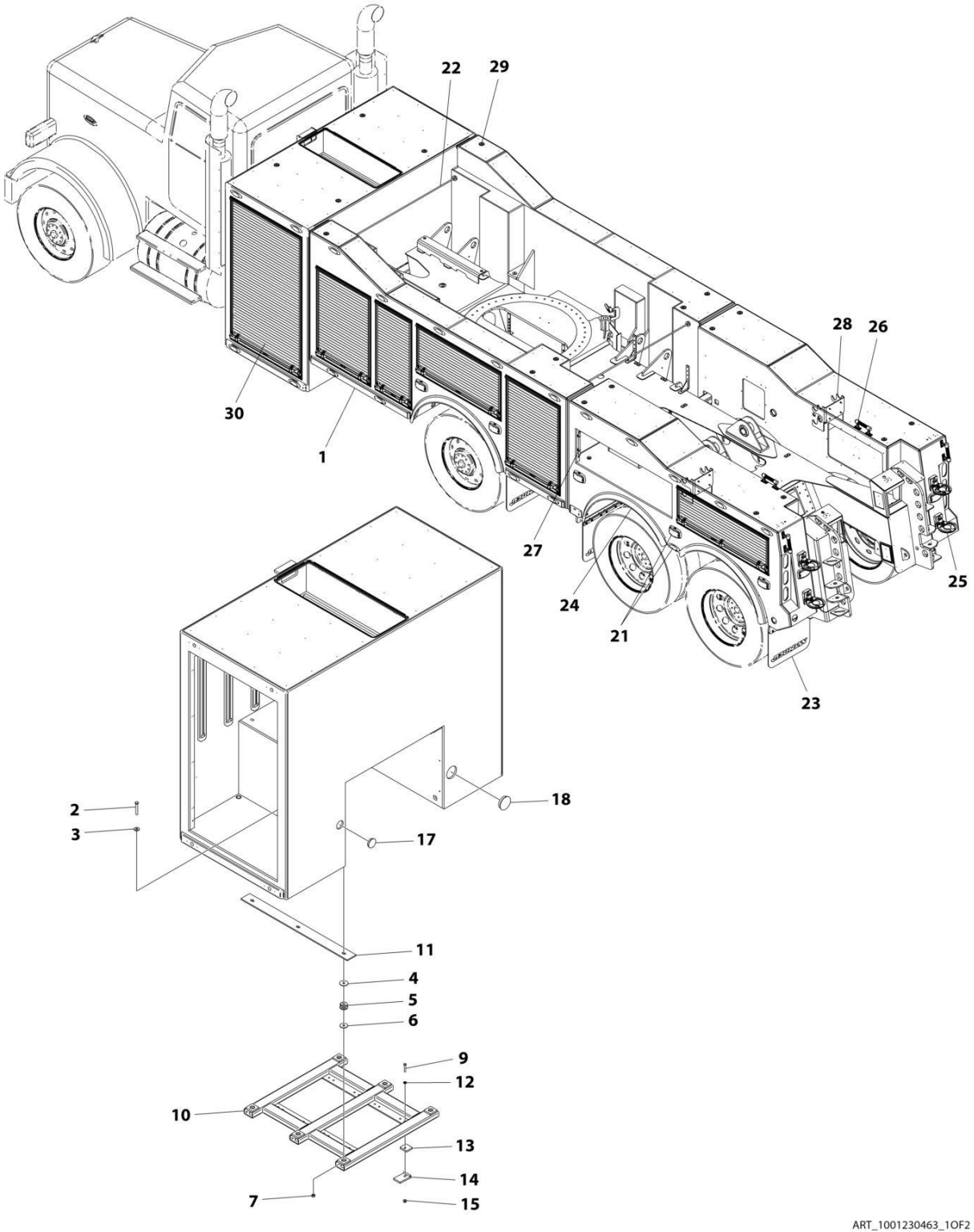

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FIGURE 4-7. JFB BODY INSTALLATION - 267 - 4SS BRUSHED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230465	Ref	JFB BODY INSTALLATION - 267- 4SS BRUSHED	C
1	1001229382	1	Box, Tunnel Toolbox	
2	0642034	18	Bolt 5/8 x 4-1/4	
3	7950200161	26	Washer 5/8	
4	7949000019	26	Washer	
5	7636000008	26	Mount	
6	7949000020	26	Washer	
7	7660200001	26	Nut 5/8	
8	7115203250	8	Bolt 5/8 x 4	
9	7115182250	8	Bolt 1/2 x 2-3/4	
10	3911000068	1	Toolbox Mount	
11	1001165692	2	Support Plate	
12	7950180252	8	Washer 1/2	
13	4705000705	8	Plate	
14	3274000011	8	Clamp	
15	7660182301	8	Nut	
16	8632000011	24.8 ft	Rubber Seal	
17	1001177203	1	Plug	
18	1001177202	1	Plug	
19	1001151789	3	Plug	
20	1001173847	16	Plug	
21	1001166669	1	Lights Marker and Quad Installation (See Separate Breakdown in this Section)	
22	1001178303	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
23	1001166220	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
24	1001166946	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
25	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
26	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
27	1001166514	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
28	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
29	1001178255	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
30	1001171964	1	Doors 50T Roll Up Installation (See Separate Breakdown in this Section)	
31	0100011	AR	Compound locking (Not Shown)	

FIGURE 4-8. JFB BODY INSTALLATION - 267 - 4SS PAINTED (Prior to SN 0230008542)



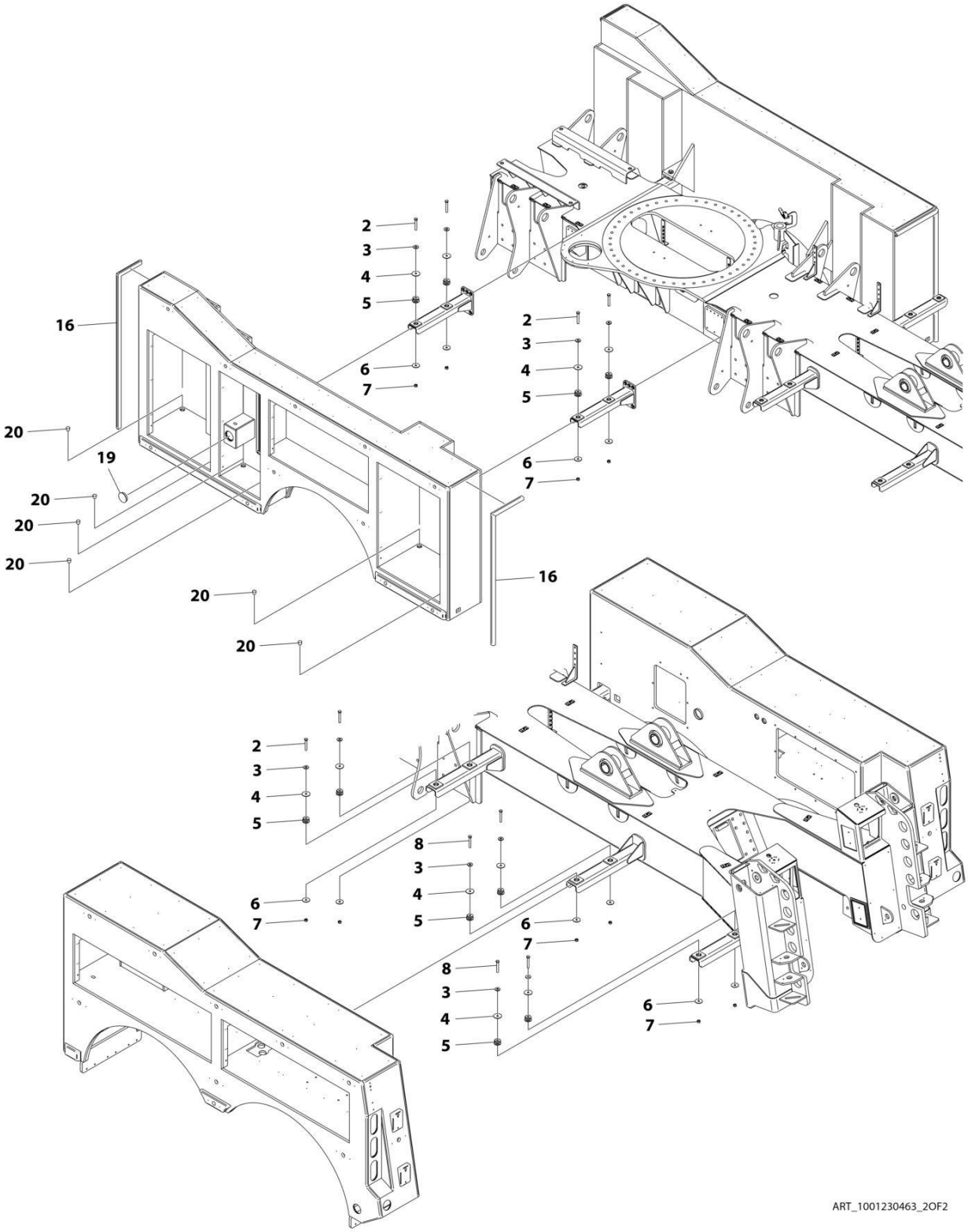
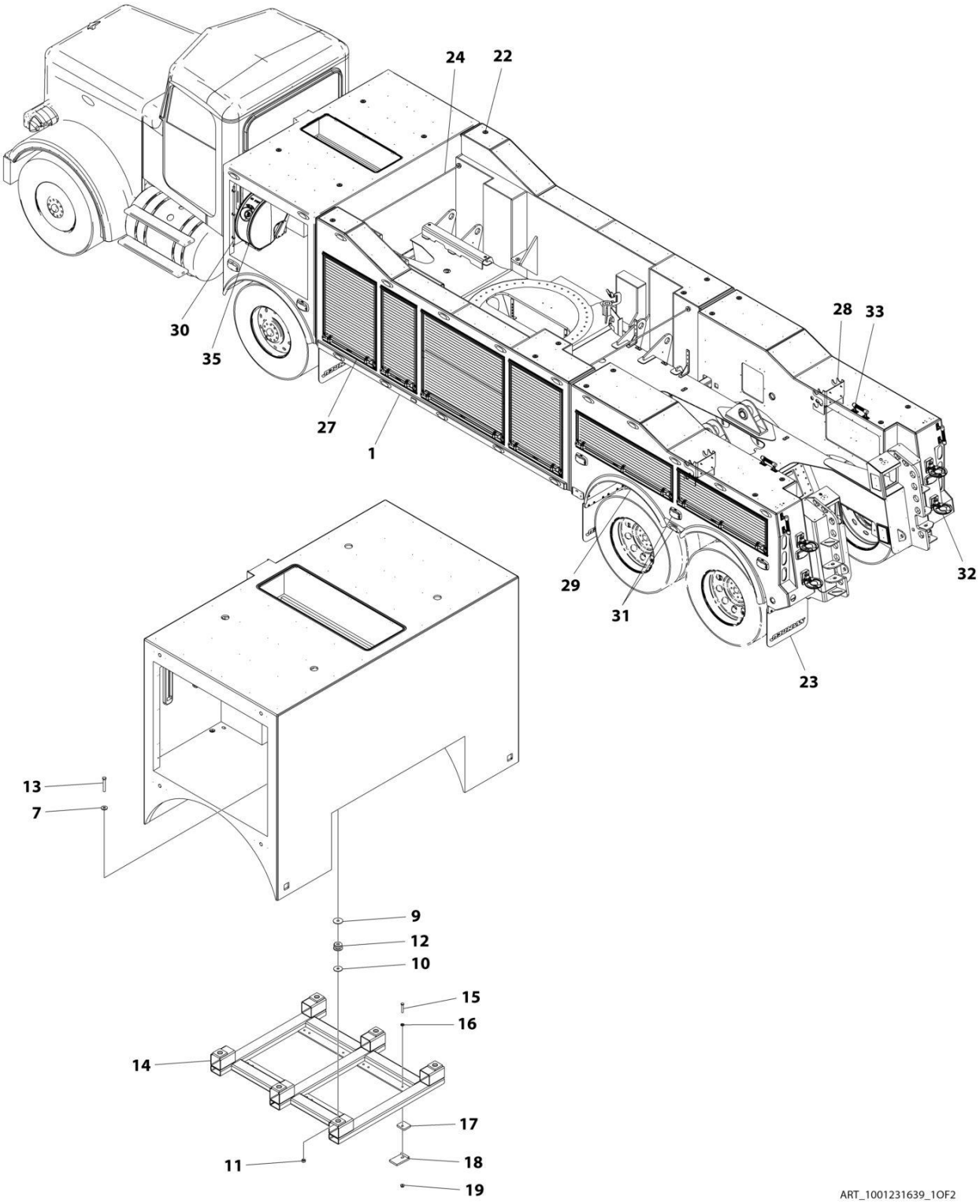

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FIGURE 4-8. JFB BODY INSTALLATION - 267 - 4SS PAINTED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230463	Ref	JFB BODY INSTALLATION - 267-4SS PAINTED	C
1	1001229382	1	Box, Tunnel Toolbox	
2	0642034	18	Bolt 5/8 x 4-1/4	
3	7950200161	26	Washer 5/8	
4	7949000019	26	Washer	
5	7636000008	26	Mount	
6	7949000020	26	Washer	
7	7660200001	26	Nut 5/8	
8	7115203250	8	Bolt 5/8 x 4	
9	7115182250	8	Bolt 1/2 x 2-3/4	
10	3911000068	1	Toolbox Mount	
11	1001165692	2	Support Plate	
12	7950180252	8	Washer 1/2	
13	4705000705	8	Plate	
14	3274000011	8	Clamp	
15	7660182301	8	Nut	
16	8632000011	24.8 ft	Rubber Seal	
17	1001177203	1	Plug	
18	1001177202	1	Plug	
19	1001151789	3	Plug	
20	1001173847	16	Plug	
21	1001166669	1	Lights Marker and Quad Installation (See Separate Breakdown in this Section)	
22	1001178303	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
23	1001166220	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
24	1001166946	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
25	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
26	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
27	1001166514	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
28	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
29	1001178255	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
30	1001171676	1	Doors 50T Roll Up Installation (See Separate Breakdown in this Section)	
31	0100011	AR	Compound locking (Not Shown)	

FIGURE 4-9. JFB BODY INSTALLATION - 274 - 4TS BRUSHED (Prior to SN 0230008542)



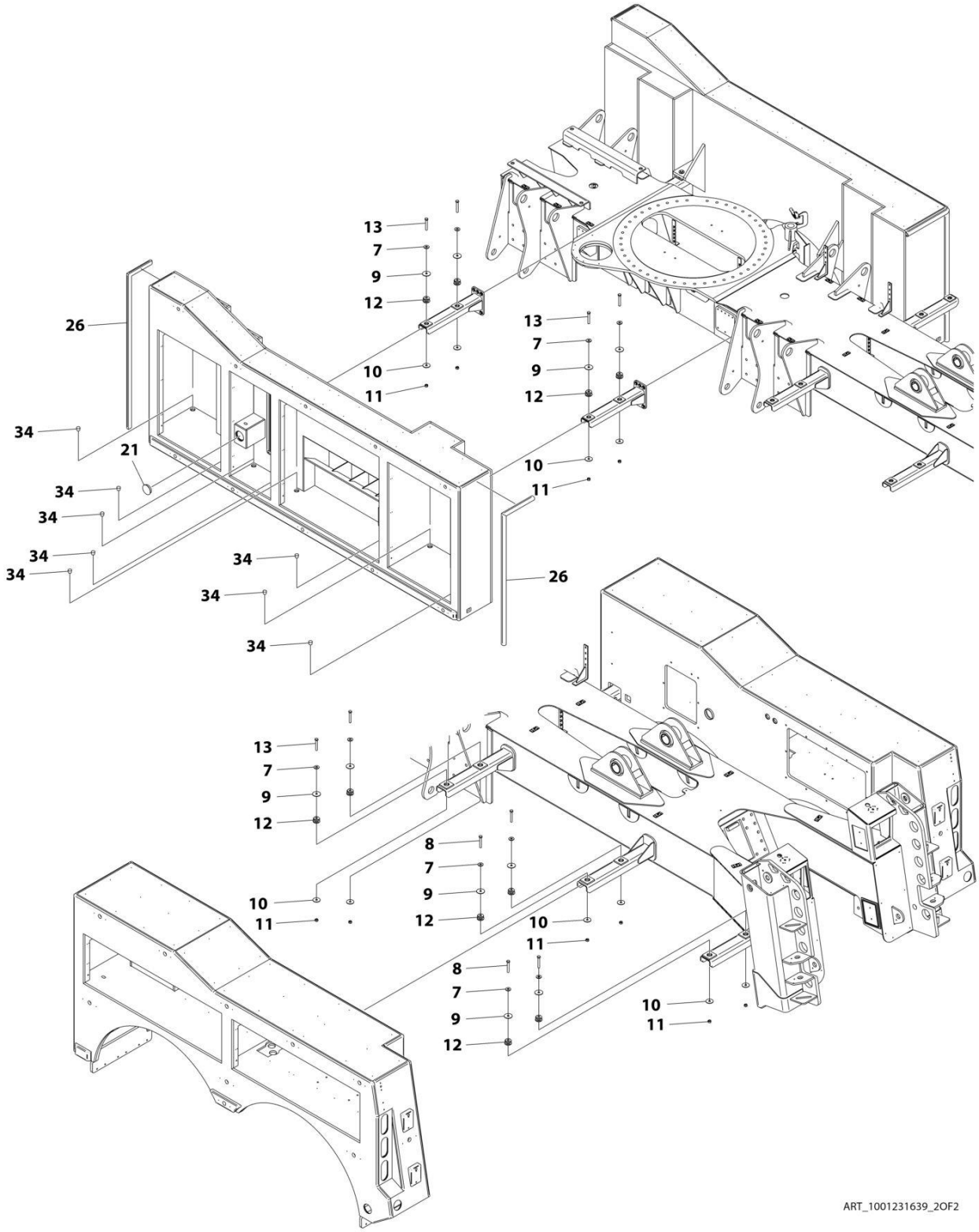
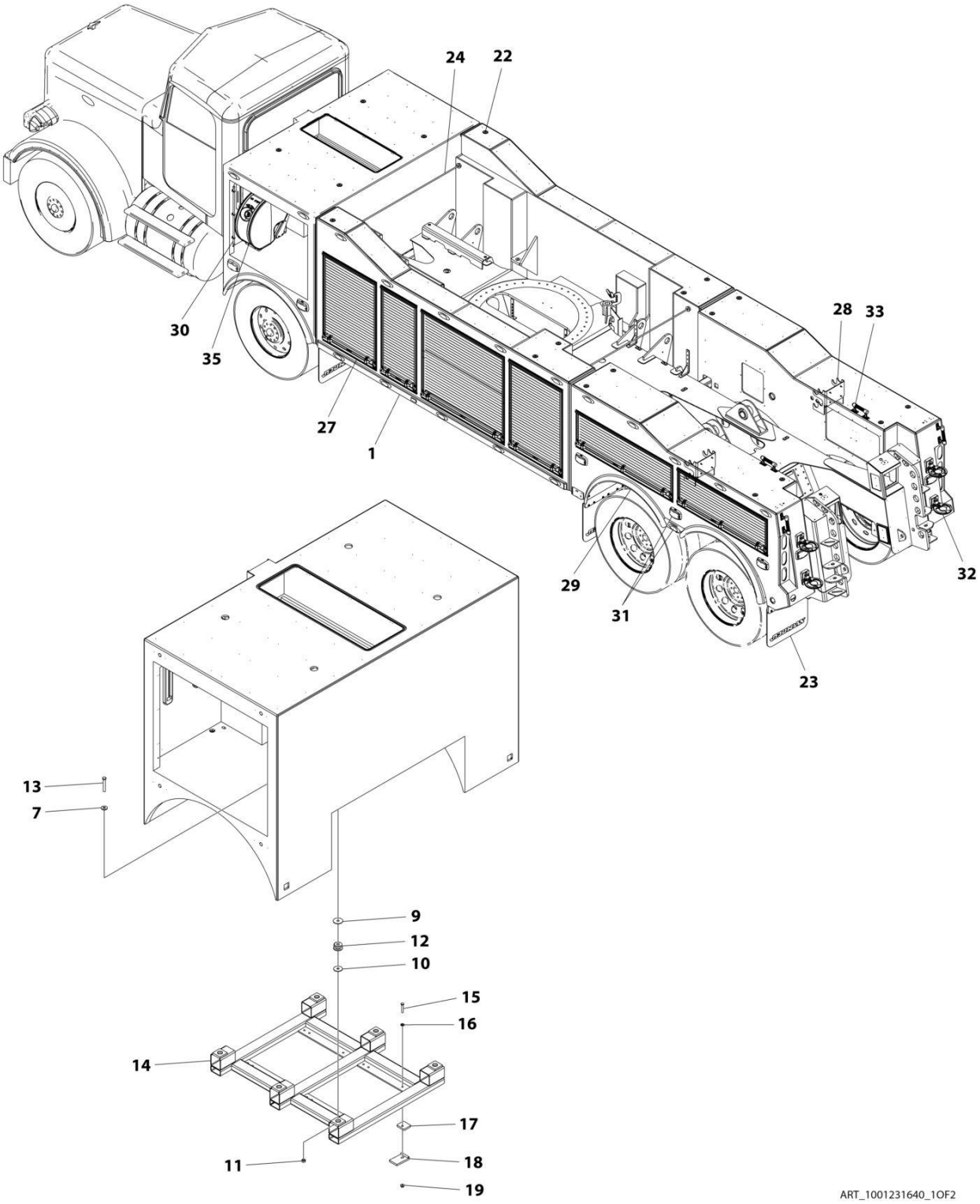

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FIGURE 4-9. JFB BODY INSTALLATION - 274 - 4TS BRUSHED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231639	Ref	JFB BODY INSTALLATION - 274 - 4TS BRUSHED	D
1	1001233730	1	Box, Tunnel Toolbox	
7	7950200161	26	Washer 5/8	
8	7115203250	8	Bolt 5/8 x 4	
9	7949000019	26	Washer	
10	7949000020	26	Washer	
11	7660200001	26	Nut 5/8	
12	7636000008	26	Mount	
13	0642034	18	Bolt 5/8 x 4-1/4	
14	1001228634	1	Toolbox Mount	
15	7115182250	8	Bolt 1/2 x 2-3/4	
16	7950180252	8	Washer 1/2	
17	4705000705	8	Plate	
18	3274000011	8	Clamp	
19	7660182301	8	Nut	
21	1001151789	5	Plug	
22	1001183498	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
23	1001182606	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
24	1001178303	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
25	0100011	AR	Compound locking (Not Shown)	
26	8632000011	45 ft	Rubber Seal	
27	1001228915	1	Brushed Doors Twin Installation (See Separate Breakdown in this Section)	
28	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
29	1001228870	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
30	1001182706	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
31	1001228868	1	Marker/Flasher Lights Installation (See Separate Breakdown in this Section)	
32	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
33	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
34	1001173847	20	Plug	
35	1001192988	1	DEF Tank Installation (See Separate Breakdown in this Section)	

FIGURE 4-10. JFB BODY INSTALLATION - 274 - 4TS PAINTED (Prior to SN 0230008542)



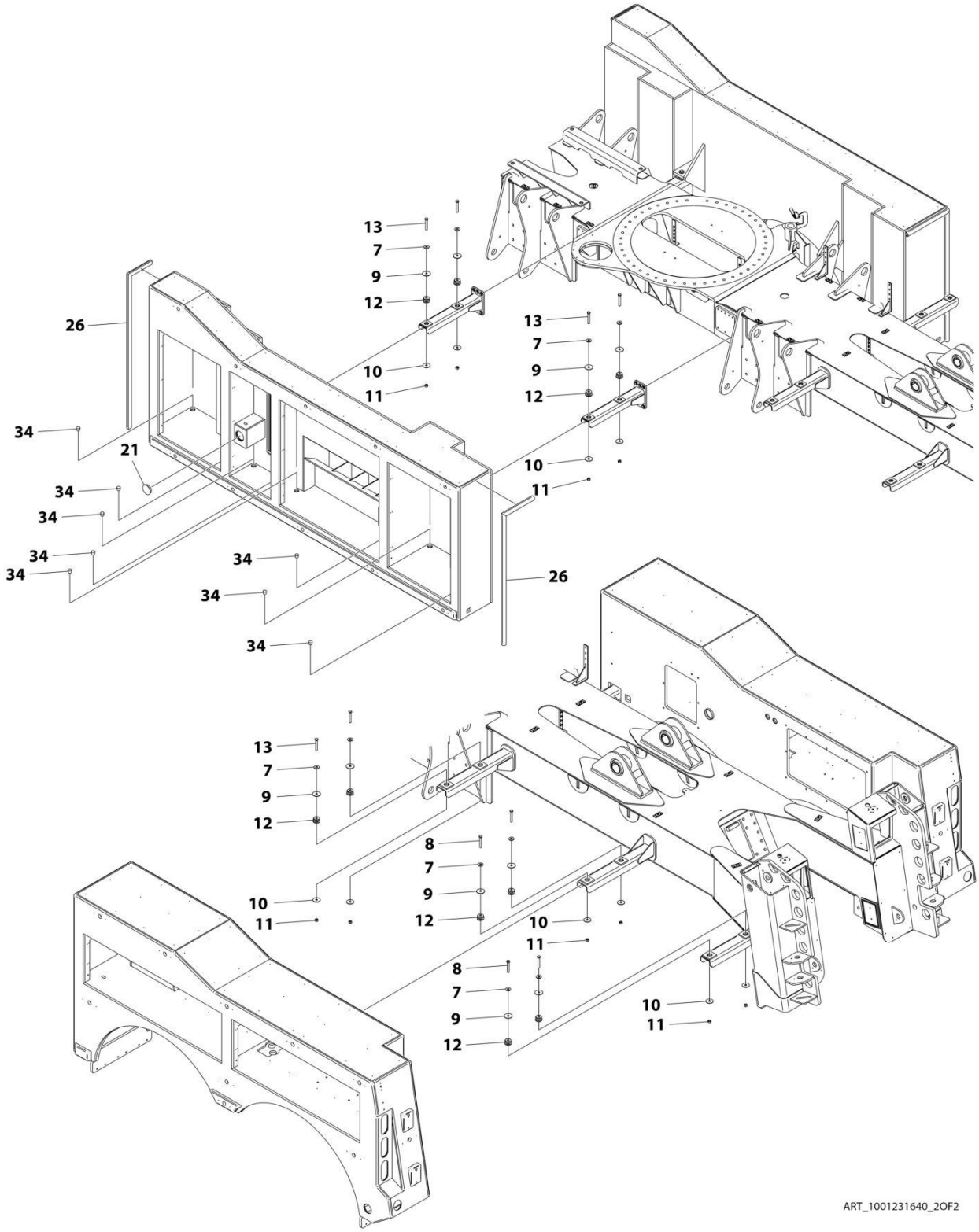
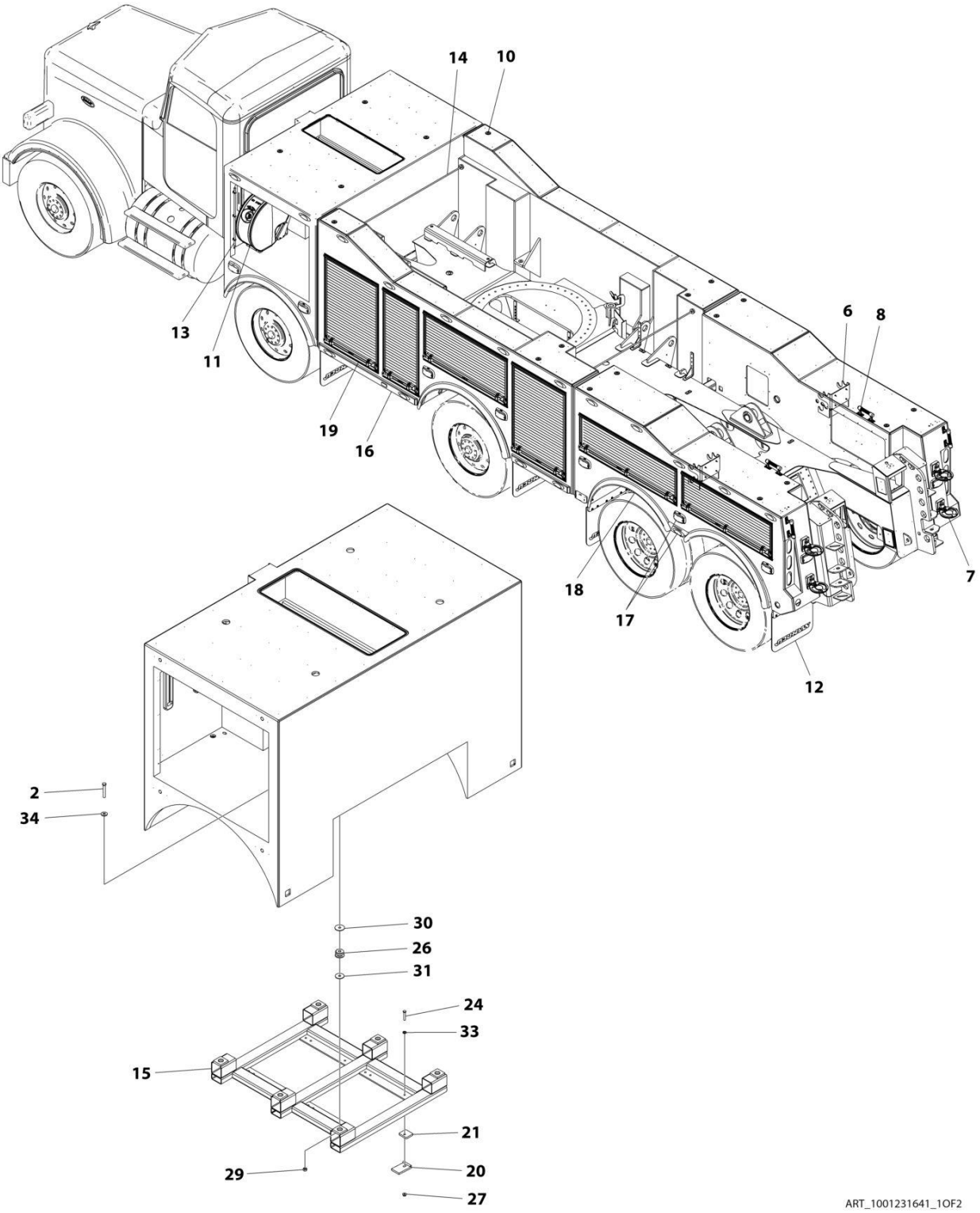

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FIGURE 4-10. JFB BODY INSTALLATION - 274 - 4TS PAINTED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231640	Ref	JFB BODY INSTALLATION - 274 - 4TS PAINTED	D
1	1001233730	1	Box, Tunnel Toolbox	
7	7950200161	26	Washer 5/8	
8	7115203250	8	Bolt 5/8 x 4	
9	7949000019	26	Washer	
10	7949000020	26	Washer	
11	7660200001	26	Nut 5/8	
12	7636000008	26	Mount	
13	0642034	18	Bolt 5/8 x 4-1/4	
14	1001228634	1	Toolbox Mount	
15	7115182250	8	Bolt 1/2 x 2-3/4	
16	7950180252	8	Washer 1/2	
17	4705000705	8	Plate	
18	3274000011	8	Clamp	
19	7660182301	8	Nut	
21	1001151789	5	Plug	
22	1001183498	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
23	1001182606	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
24	1001178303	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
25	0100011	AR	Compound locking (Not Shown)	
26	8632000011	45 ft	Rubber Seal	
27	1001228916	1	Painted Doors Twin Installation (See Separate Breakdown in this Section)	
28	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
29	1001228870	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
30	1001182706	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
31	1001228868	1	Marker/Flasher Lights Installation (See Separate Breakdown in this Section)	
32	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
33	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
34	1001173847	20	Plug	
35	1001192988	1	DEF Tank Installation (See Separate Breakdown in this Section)	

FIGURE 4-11. JFB BODY INSTALLATION - 274 - 5TS BRUSHED (Prior to SN 0230008542)



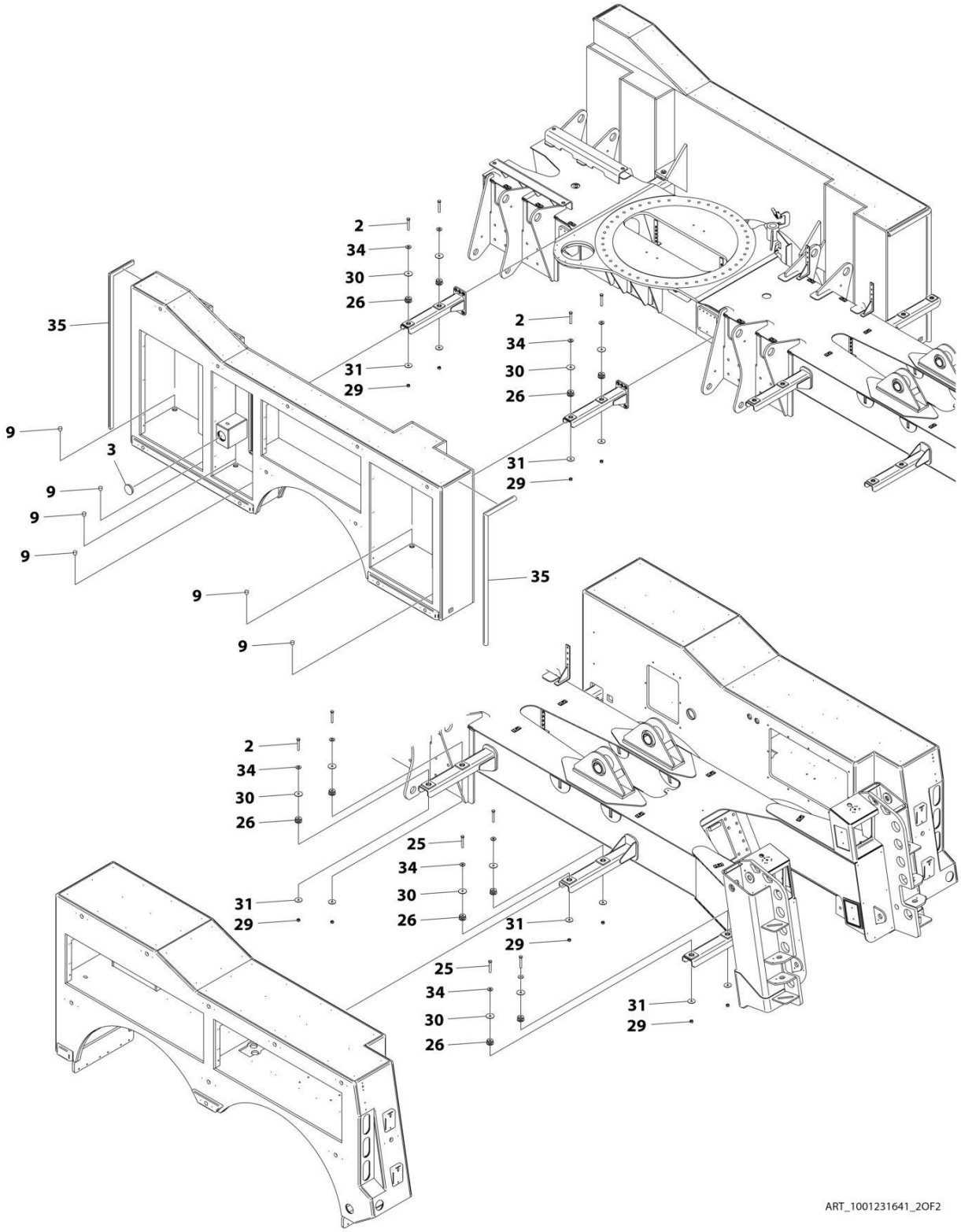
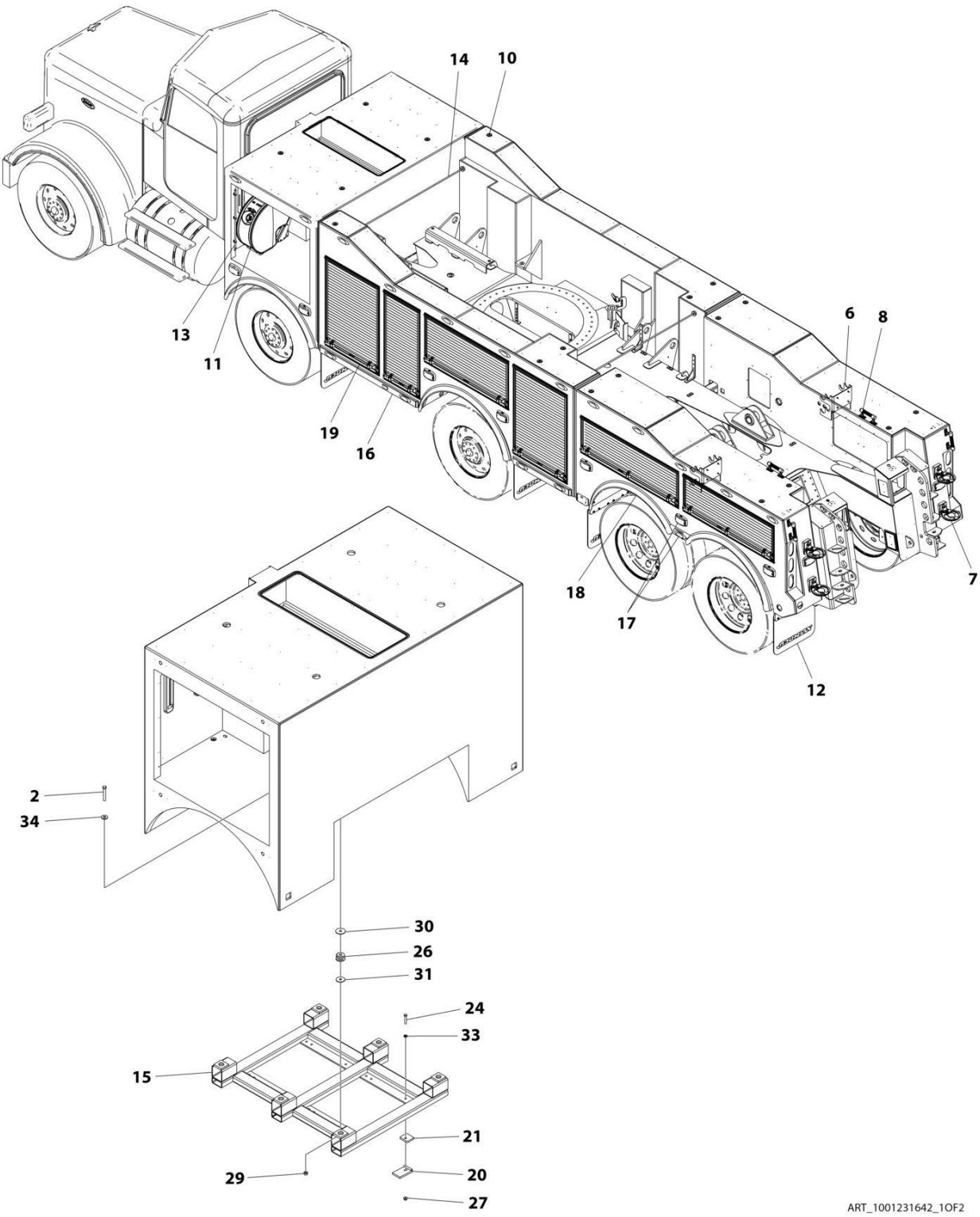

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FIGURE 4-11. JFB BODY INSTALLATION - 274 - 5TS BRUSHED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231641	Ref	JFB BODY INSTALLATION - 274 - 5TS BRUSHED	D
1	0100011	AR	Compound locking (Not Shown)	
2	0642034	18	Bolt 5/8 x 4-1/4	
3	1001151789	3	Plug	
6	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
7	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
8	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
9	1001173847	16	Plug	
10	1001183498	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
11	1001192988	1	DEF Tank Installation (See Separate Breakdown in this Section)	
12	1001209163	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
13	1001209168	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
14	1001210053	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
15	1001228634	1	Toolbox Mount	
16	1001233731	1	Box, Tunnel Toolbox	
17	1001228869	1	Marker/Flasher Lights Installation (See Separate Breakdown in this Section)	
18	1001228877	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
19	1001228917	1	Brushed Doors Installation (See Separate Breakdown in this Section)	
20	3274000011	8	Clamp	
21	4705000705	8	Plate	
24	7115182250	8	Bolt 1/2 x 2-3/4	
25	7115203250	8	Bolt 5/8 x 4	
26	7636000008	26	Mount	
27	7660182301	8	Nut	
29	7660200001	26	Nut 5/8	
30	7949000019	26	Washer	
31	7949000020	26	Washer	
33	7950180252	8	Washer 1/2	
34	7950200161	26	Washer 5/8	
35	8632000011	45 ft	Rubber Seal	

FIGURE 4-12. JFB BODY INSTALLATION - 274 - 5TS PAINTED (Prior to SN 0230008542)



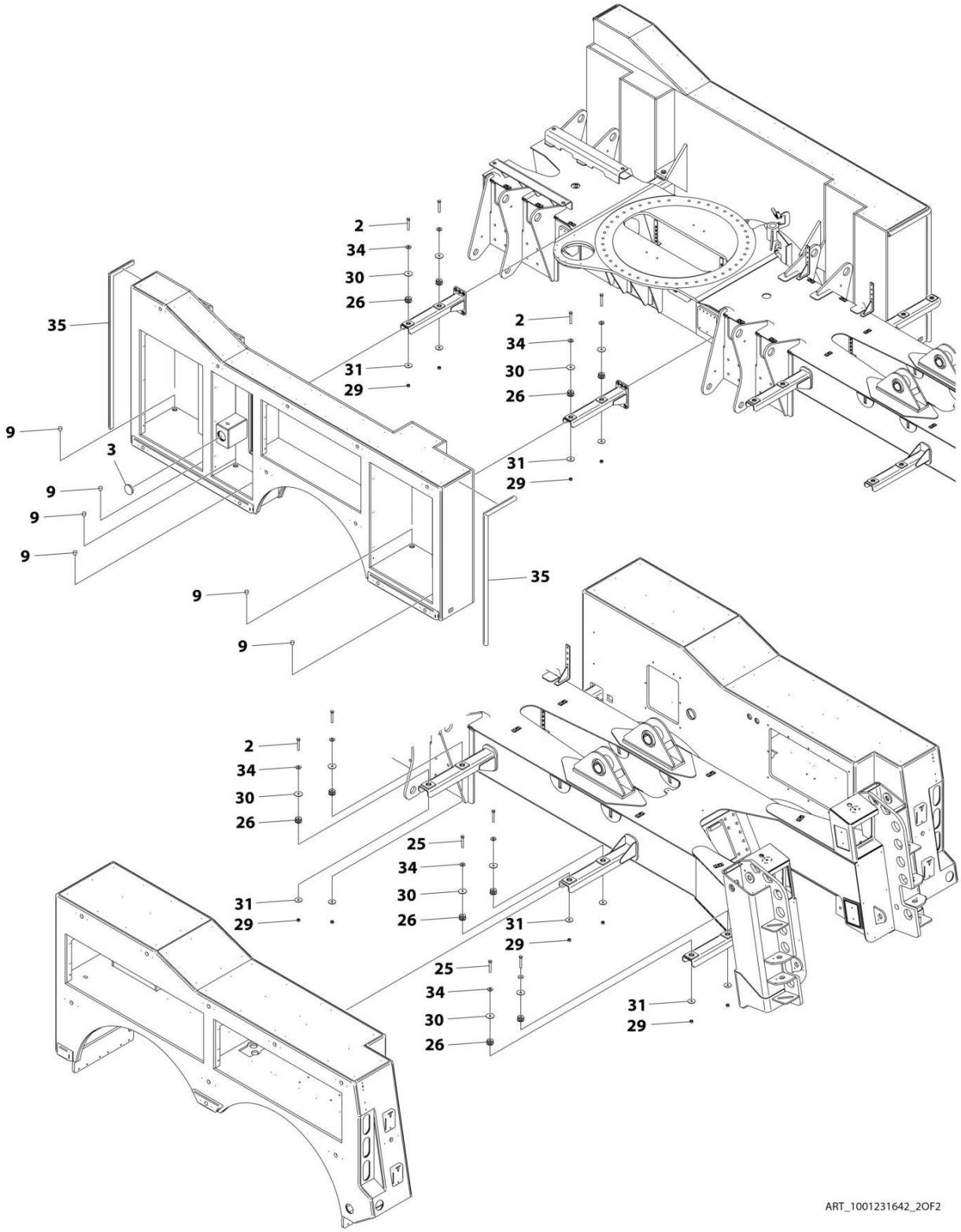
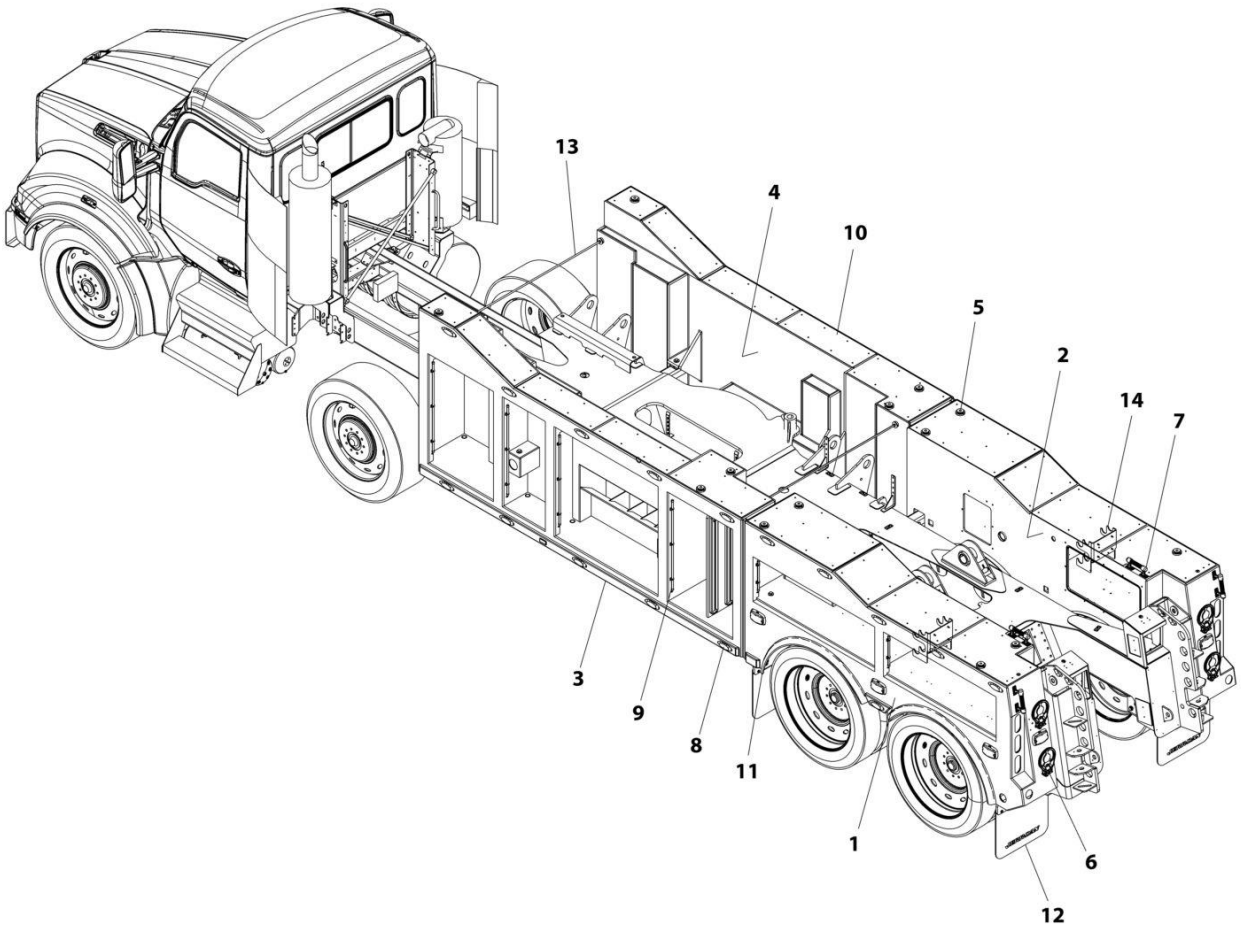

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FIGURE 4-12. JFB BODY INSTALLATION - 274 - 5TS PAINTED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231642	Ref	JFB BODY INSTALLATION - 274 - 5TS PAINTED	D
1	0100011	AR	Compound locking (Not Shown)	
2	0642034	18	Bolt 5/8 x 4-1/4	
3	1001151789	3	Plug	
6	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
7	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
8	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
9	1001173847	16	Plug	
10	1001183498	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
11	1001192988	1	DEF Tank Installation (See Separate Breakdown in this Section)	
12	1001209163	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
13	1001209168	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
14	1001210053	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
15	1001228634	1	Toolbox Mount	
16	1001233731	1	Box, Tunnel Toolbox	
17	1001228869	1	Marker/Flasher Lights Installation (See Separate Breakdown in this Section)	
18	1001228877	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
19	1001228918	1	Painted Doors Installation (See Separate Breakdown in this Section)	
20	3274000011	8	Clamp	
21	4705000705	8	Plate	
24	7115182250	8	Bolt 1/2 x 2-3/4	
25	7115203250	8	Bolt 5/8 x 4	
26	7636000008	26	Mount	
27	7660182301	8	Nut	
29	7660200001	26	Nut 5/8	
30	7949000019	26	Washer	
31	7949000020	26	Washer	
33	7950180252	8	Washer 1/2	
34	7950200161	26	Washer 5/8	
35	8632000011	45 ft	Rubber Seal	

FIGURE 4-13. JFB ROTATOR BODY WITHOUT AXLE INSTALLATION (SN 0230008542 to Present)



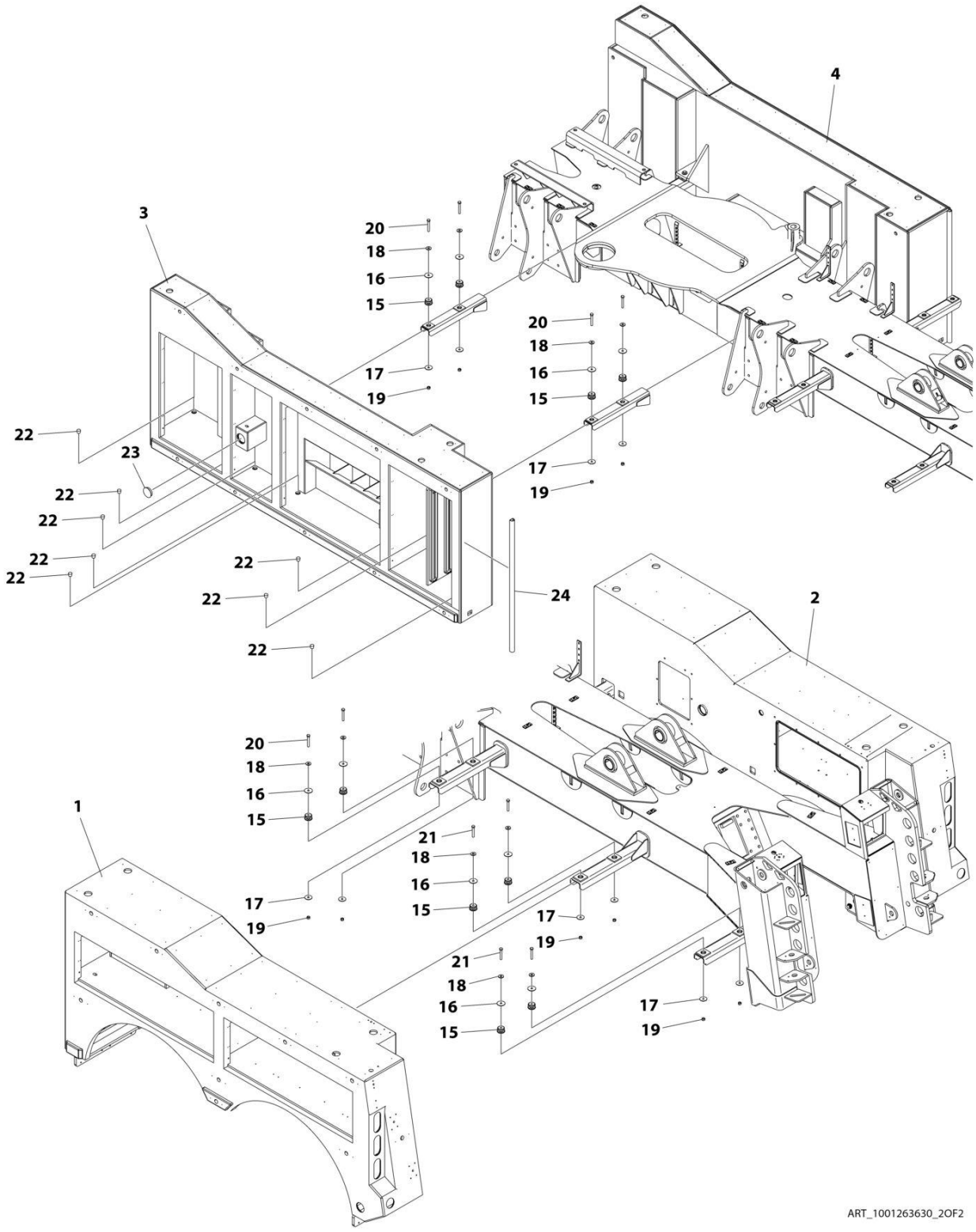
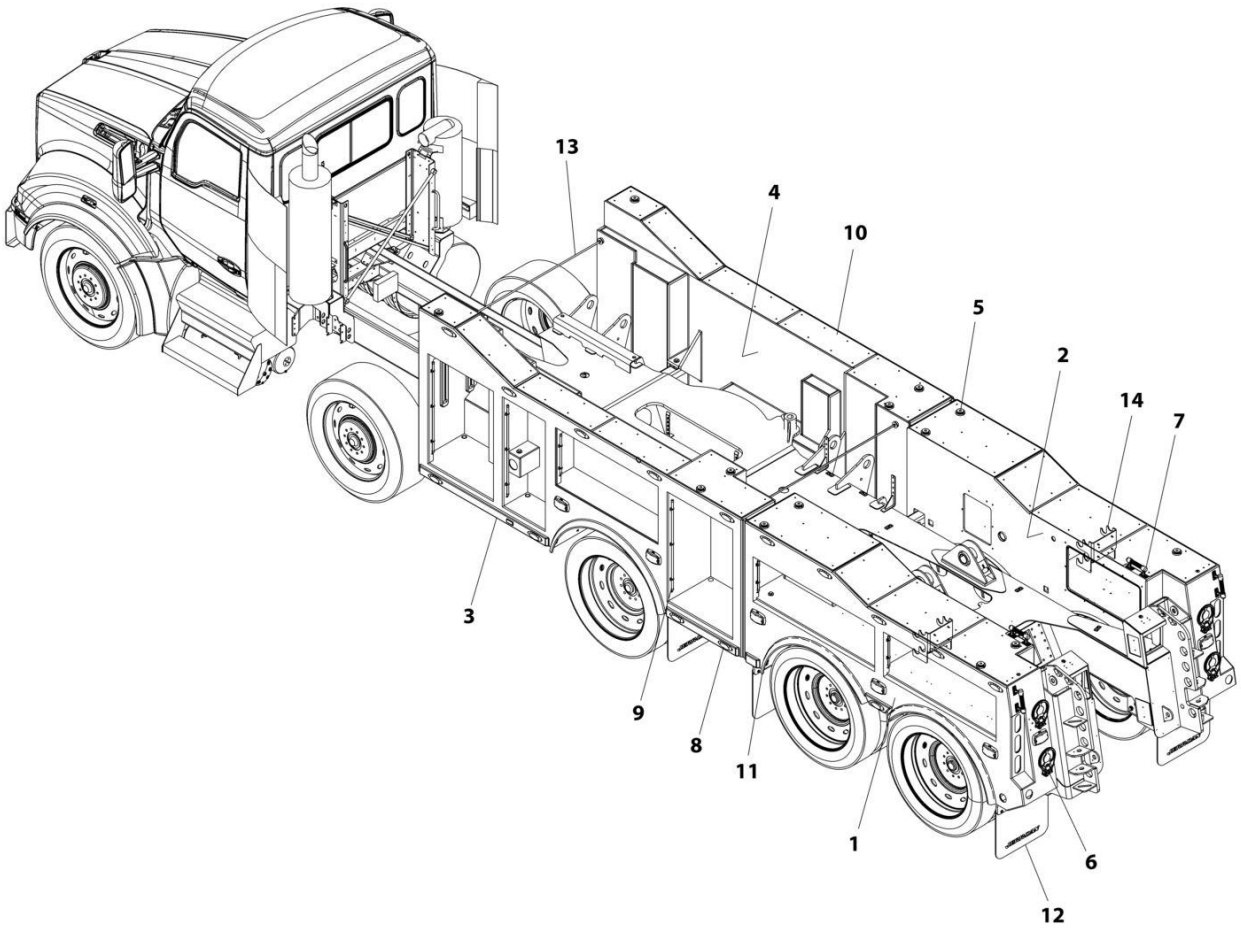

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FIGURE 4-13. JFB ROTATOR BODY WITHOUT AXLE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263630	Ref	JFB ROTATOR BODY WITHOUT AXLE INSTALLATION	A
1	1001226888	1	Box, Rear Body LH Rotator	
2	1001226889	1	Box, Rear Body RH Rotator	
3	1001181245	1	Box, Mid Body LH Twin Steer	
4	1001225166	1	Box, Mid Body RH Twin Steer	
5	1001264742	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
6	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
7	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
8	1001264709	1	Lights Marker and Quad Installation (See Separate Breakdown in this Section)	
9	1001264737	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
10	1001265181	1	Rear and Mid Diamond Installation (See Separate Breakdown in this Section)	
11	1001267652	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
12	1001196790	2	Mud Flaps Installation (See Separate Breakdown in this Section)	
13	1001178303	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
14	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
15	7636000008	20	Mount	
16	7949000019	20	Washer	
17	7949000020	20	Washer	
18	7950200161	20	Washer 5/8	
19	7660200001	20	Nut 5/8	
20	0642034	12	Bolt 5/8 x 4-1/4	
21	7115203250	8	Bolt 5/8 x 4	
22	1001173847	16	Plug	
23	1001151789	5	Plug	
24	8632000011	9.5 ft	Rubber Seal	

FIGURE 4-14. JFB ROTATOR BODY WITH AXLE INSTALLATION (SN 0230008542 to Present)



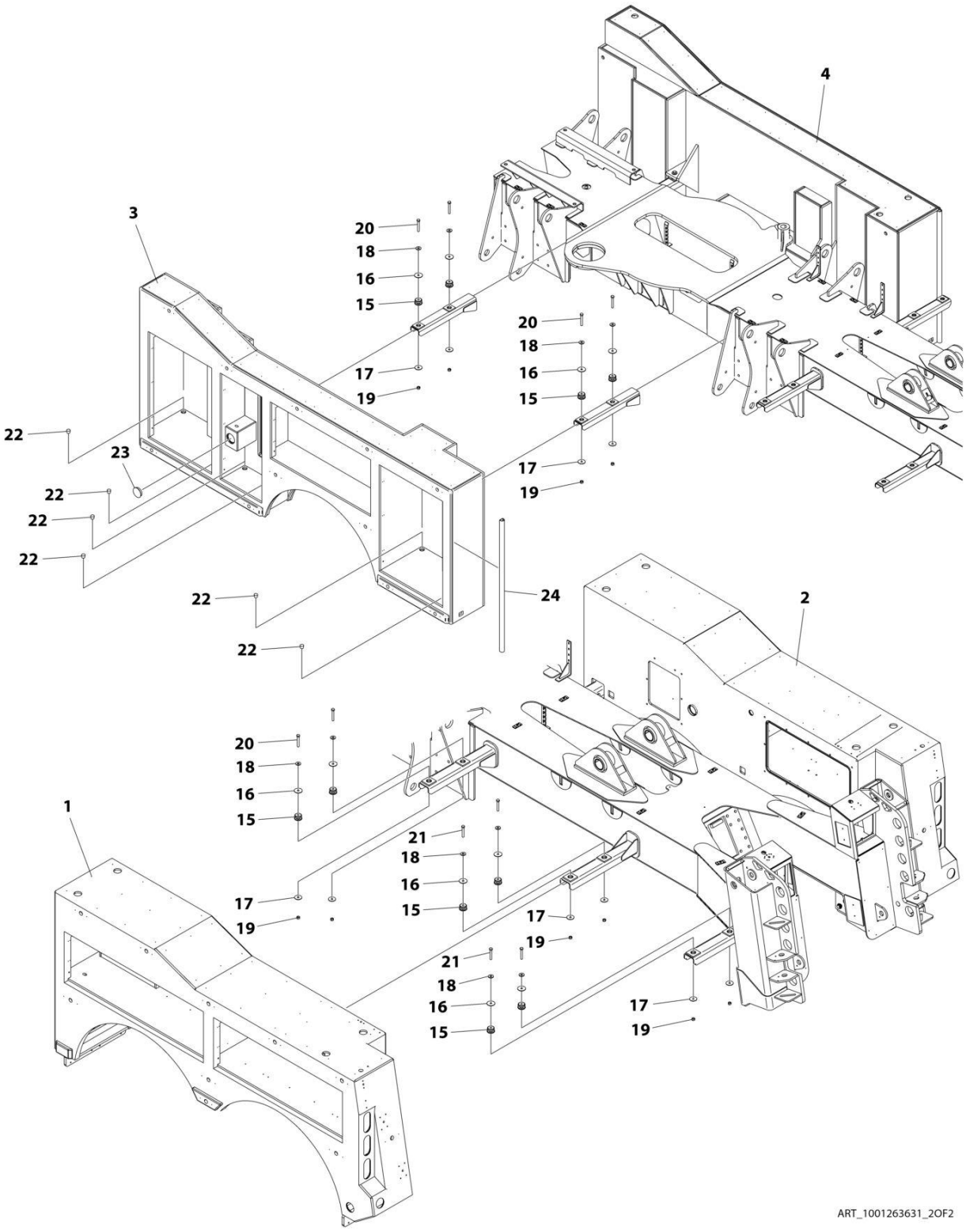

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FIGURE 4-14. JFB ROTATOR BODY WITH AXLE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263631	Ref	JFB ROTATOR BODY WITH AXLE INSTALLATION	A
1	1001226888	1	Box, Rear Body LH Rotator	
2	1001226889	1	Box, Rear Body RH Rotator	
3	1001209467	1	Box, Mid Body LH 5 Axle Rotator	
4	1001209468	1	Box, Mid Body RH 5 Axle Rotator	
5	1001264742	1	Body Lifting Lugs Installation (See Separate Breakdown in this Section)	
6	1001167454	1	Steps Installation (See Separate Breakdown in this Section)	
7	1001196639	1	Grab Handles Installation (See Separate Breakdown in this Section)	
8	1001265268	1	Lights Marker and Quad Installation (See Separate Breakdown in this Section)	
9	1001265526	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
10	1001265181	1	Rear and Mid Diamond Installation (See Separate Breakdown in this Section)	
11	1001265269	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
12	1001196790	3	Mud Flaps Installation (See Separate Breakdown in this Section)	
13	1001178303	1	Brace Mid Body Installation (See Separate Breakdown in this Section)	
14	1001166899	1	Pin Storage Outriggers Installation (See Separate Breakdown in this Section)	
15	7636000008	20	Mount	
16	7949000019	20	Washer	
17	7949000020	20	Washer	
18	7950200161	20	Washer 5/8	
19	7660200001	20	Nut 5/8	
20	0642034	12	Bolt 5/8 x 4-1/4	
21	7115203250	8	Bolt 5/8 x 4	
22	1001173847	12	Plug	
23	1001151789	3	Plug	
24	8632000011	9.5 ft	Rubber Seal	

FIGURE 4-15. ROTATOR 51IN TUNNEL INSTALLATION (SN 0230008542 to Present)

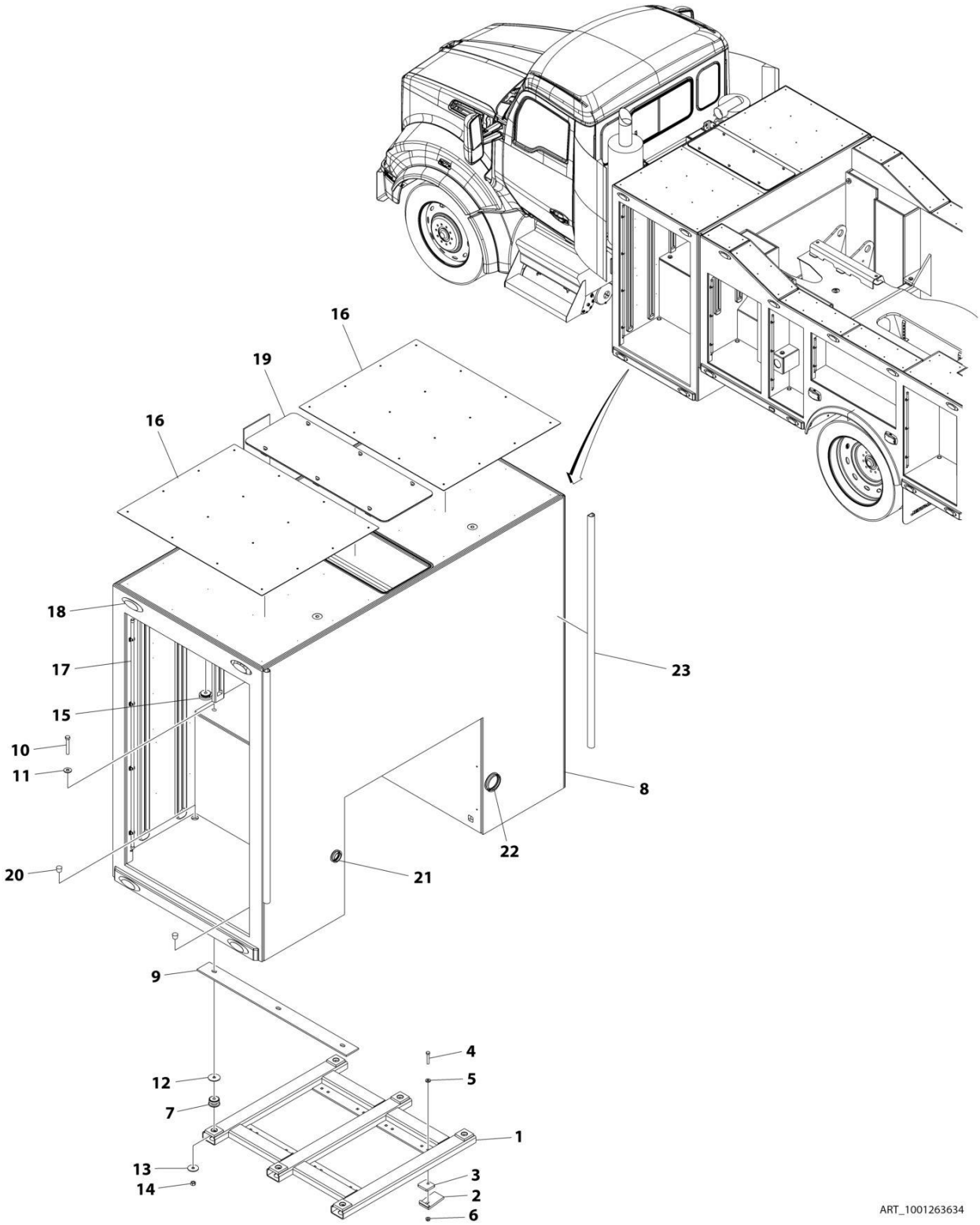


FIGURE 4-15. ROTATOR 51IN TUNNEL INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263634	Ref	ROTATOR 51IN TUNNEL INSTALLATION	A
1	3911000068	1	Toolbox Mount	
2	3274000011	8	Clamp	
3	4705000705	8	Plate	
4	0641822	8	Bolt 1/2 x 2-3/4	
5	4891800	8	Washer 1/2	
6	7660182301	8	Nut 1/2	
7	7636000008	6	Mount	
8	1001175674	1	Box, Tunnel	
9	1001165692	2	Support Plate	
10	0642034	6	Bolt 5/8 x 4-1/4	
11	7950200161	6	Washer 5/8	
12	7949000019	6	Washer	
13	7949000020	6	Washer	
14	7660200001	6	Nut 5/8	
15	1001196808	1	Lifting Lugs Tunnel Installation (See Separate Breakdown in this Section)	
16	1001267403	1	Tunnel Diamond Plate Installation (See Separate Breakdown in this Section)	
17	1001267366	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
18	1001267367	1	Marker Lights Installation (See Separate Breakdown in this Section)	
19	1001241722	1	Tunnel Battery Covers 51IN Installation (See Separate Breakdown in this Section)	
20	1001173847	4	Plug	
21	1001177202	1	Plug	
22	1001177203	1	Plug	
23	8632000011	11 ft	Rubber Seal	

FIGURE 4-16. ROTATOR 39IN TUNNEL INSTALLATION (SN 0230008542 to Present)

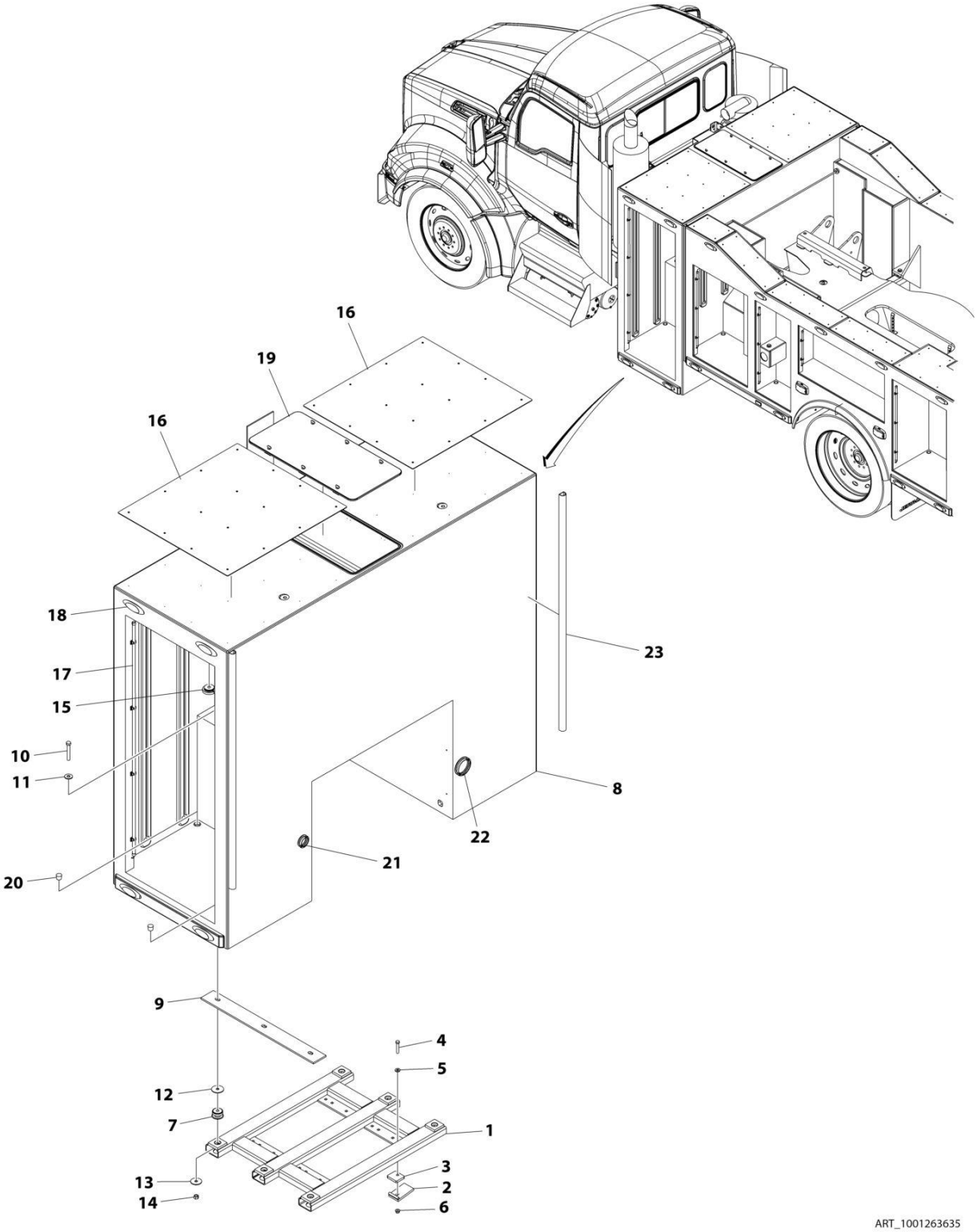


FIGURE 4-16. ROTATOR 39IN TUNNEL INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263635	Ref	ROTATOR 39IN TUNNEL INSTALLATION	A
1	1001187063	1	Toolbox Mount	
2	3274000011	8	Clamp	
3	4705000705	8	Plate	
4	0641822	8	Bolt 1/2 x 2-3/4	
5	4891800	8	Washer 1/2	
6	7660182301	8	Nut 1/2	
7	7636000008	6	Mount	
8	1001205669	1	Box, Tunnel	
9	1001197338	2	Support Plate	
10	0642034	6	Bolt 5/8 x 4-1/4	
11	7950200161	6	Washer 5/8	
12	7949000019	6	Washer	
13	7949000020	6	Washer	
14	7660200001	6	Nut 5/8	
15	1001196808	1	Lifting Lugs Tunnel Installation (See Separate Breakdown in this Section)	
16	1001267360	1	Tunnel Diamond Plate Installation (See Separate Breakdown in this Section)	
17	1001267366	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
18	1001267367	1	Marker Lights Installation (See Separate Breakdown in this Section)	
19	1001241752	1	Tunnel Battery Covers 39IN Installation (See Separate Breakdown in this Section)	
20	1001173847	4	Plug	
21	1001177202	1	Plug	
22	1001177203	1	Plug	
23	8632000011	11 ft	Rubber Seal	

FIGURE 4-17. ROTATOR 39IN TS TUNNEL INSTALLATION (SN 0230008542 to Present)

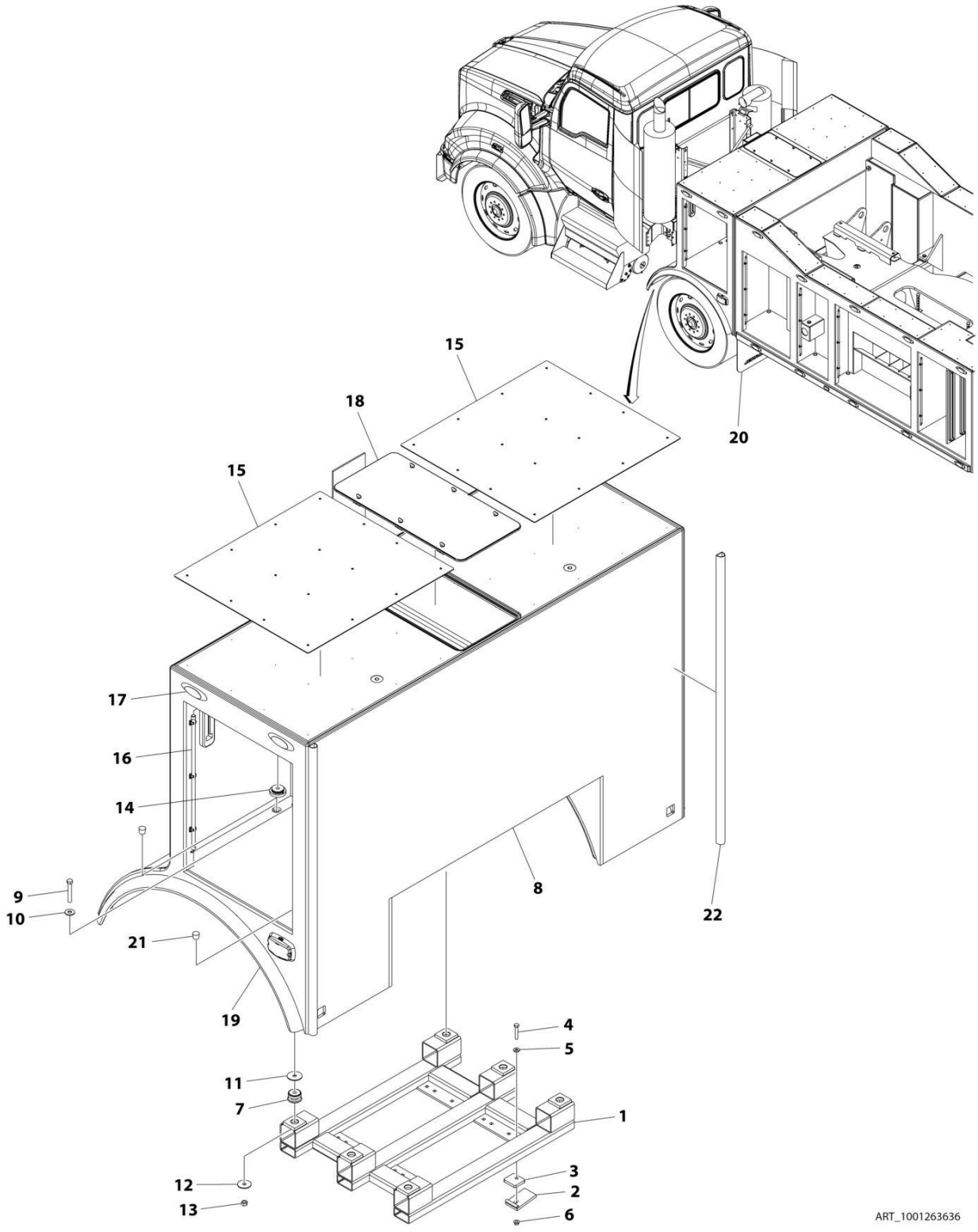


FIGURE 4-17. ROTATOR 39IN TS TUNNEL INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263636	Ref	ROTATOR 39IN TS TUNNEL INSTALLATION	A
1	1001182562	1	Support, Tunnel Mount Twin Steer	
2	3274000011	8	Clamp	
3	4705000705	8	Plate	
4	0641822	8	Bolt 1/2 x 2-3/4	
5	4891800	8	Washer 1/2	
6	7660182301	8	Nut 1/2	
7	7636000008	6	Mount	
8	1001181248	1	Box, Tunnel Twin Steer	
9	0642034	6	Bolt 5/8 x 4-1/4	
10	7950200161	6	Washer 5/8	
11	7949000019	6	Washer	
12	7949000020	6	Washer	
13	7660200001	6	Nut 5/8	
14	1001196808	1	Lifting Lugs Tunnel Installation (See Separate Breakdown in this Section)	
15	1001267252	1	Tunnel Diamond Plate Installation (See Separate Breakdown in this Section)	
16	1001265154	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
17	1001267249	1	Marker/Flasher Lights Installation (See Separate Breakdown in this Section)	
18	1001241751	1	Tunnel Battery Covers 39IN TS Installation (See Separate Breakdown in this Section)	
19	1001267251	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
20	1001196790	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
21	1001173847	4	Plug	
22	8632000011	22 ft	Rubber Seal	

FIGURE 4-18. ROTATOR 57IN TS TUNNEL INSTALLATION (SN 0230008542 to Present)

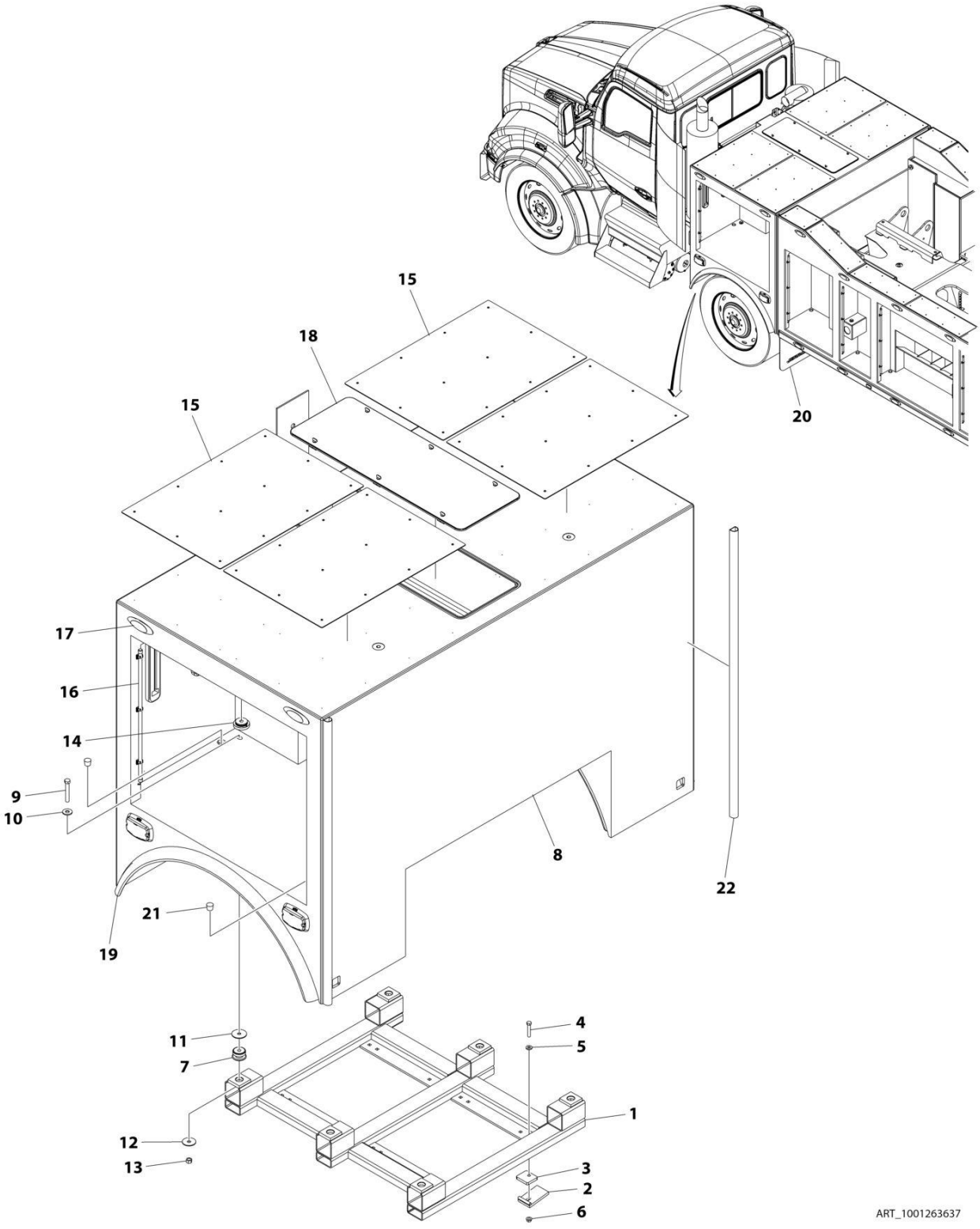


FIGURE 4-18. ROTATOR 57IN TS TUNNEL INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263637	Ref	ROTATOR 57IN TS TUNNEL INSTALLATION	A
1	1001228634	1	Mount, Tunnel Wide Twin Steer	
2	3274000011	8	Clamp	
3	4705000705	8	Plate	
4	0641822	8	Bolt 1/2 x 2-3/4	
5	4891800	8	Washer 1/2	
6	7660182301	8	Nut 1/2	
7	7636000008	6	Mount	
8	1001228661	1	Box, Tunnel Twin Steer	
9	0642034	6	Bolt 5/8 x 4-1/4	
10	7950200161	6	Washer 5/8	
11	7949000019	6	Washer	
12	7949000020	6	Washer	
13	7660200001	6	Nut 5/8	
14	1001196808	1	Lifting Lugs Tunnel Installation (See Separate Breakdown in this Section)	
15	1001265191	1	Tunnel Diamond Plate Installation (See Separate Breakdown in this Section)	
16	1001265154	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
17	1001265153	1	Marker/Flasher Lights Installation (See Separate Breakdown in this Section)	
18	1001241771	1	Tunnel Battery Covers 57IN TS Installation (See Separate Breakdown in this Section)	
19	1001265155	1	Fender Flare and Liner Installation (See Separate Breakdown in this Section)	
20	1001196790	1	Mud Flaps Installation (See Separate Breakdown in this Section)	
21	1001173847	4	Plug	
22	8632000011	22 ft	Rubber Seal	

FIGURE 4-19. ROTATOR 39IN TUNNEL INSTALLATION (SN 0230008542 to Present)

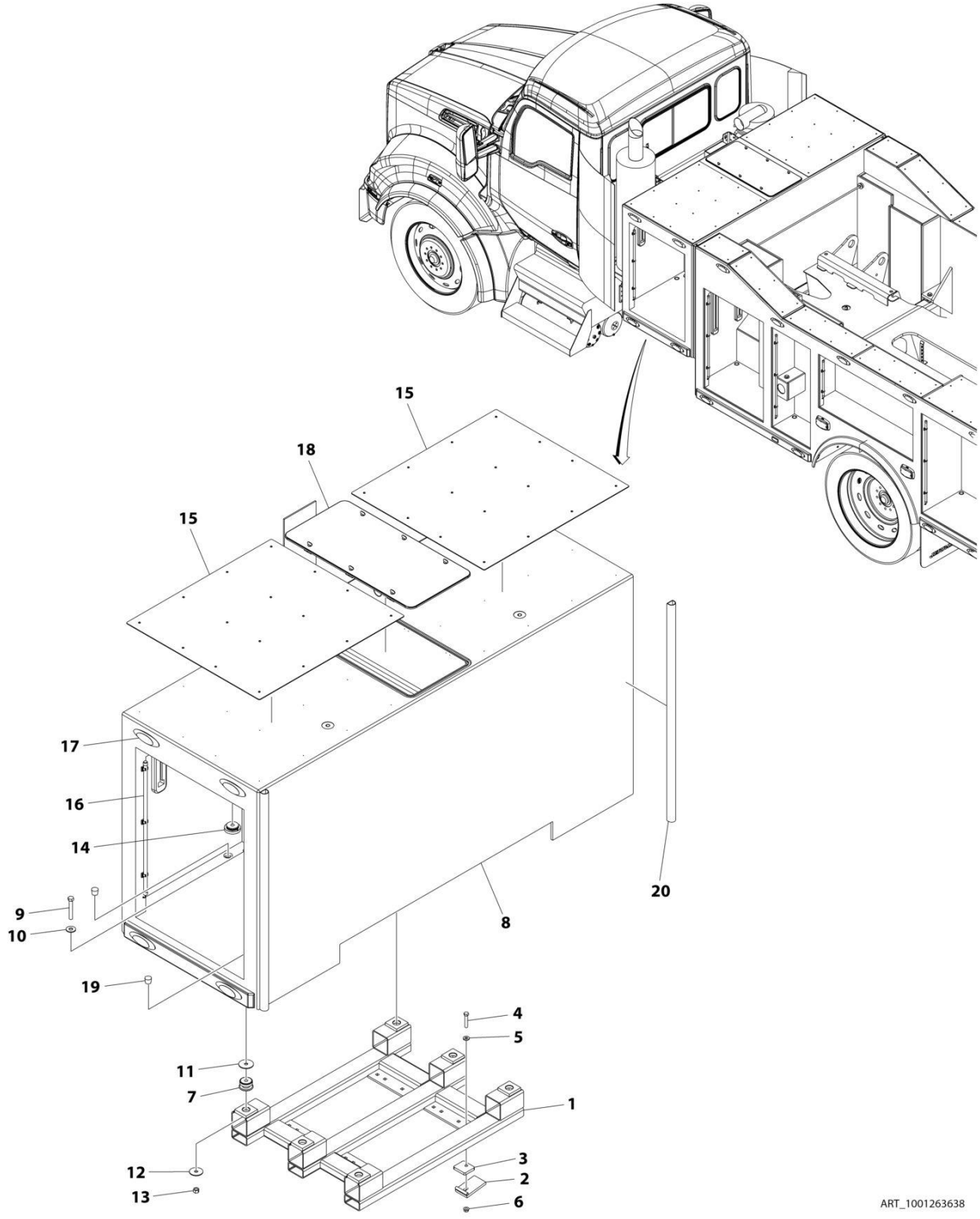


FIGURE 4-19. ROTATOR 39IN TUNNEL INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263638	Ref	ROTATOR 39IN TUNNEL INSTALLATION	A
1	1001182562	1	Support, Tunnel Mount Twin Steer	
2	3274000011	8	Clamp	
3	4705000705	8	Plate	
4	0641822	8	Bolt 1/2 x 2-3/4	
5	4891800	8	Washer 1/2	
6	7660182301	8	Nut 1/2	
7	7636000008	6	Mount	
8	1001231960	1	Box, Tunnel	
9	0642034	6	Bolt 5/8 x 4-1/4	
10	7950200161	6	Washer 5/8	
11	7949000019	6	Washer	
12	7949000020	6	Washer	
13	7660200001	6	Nut 5/8	
14	1001196808	1	Lifting Lugs Tunnel Installation (See Separate Breakdown in this Section)	
15	1001267360	1	Tunnel Diamond Plate Installation (See Separate Breakdown in this Section)	
16	1001265154	1	Compartment Lights Installation (See Separate Breakdown in this Section)	
17	1001267367	1	Marker Lights Installation (See Separate Breakdown in this Section)	
18	1001241751	1	Tunnel Battery Covers 39IN TS Installation (See Separate Breakdown in this Section)	
19	1001173847	4	Plug	
20	8632000011	8.25 ft	Rubber Seal	

FIGURE 4-20. JFB BODY DOORS INSTALLATION - BRUSHED (Prior to SN 0230008542)

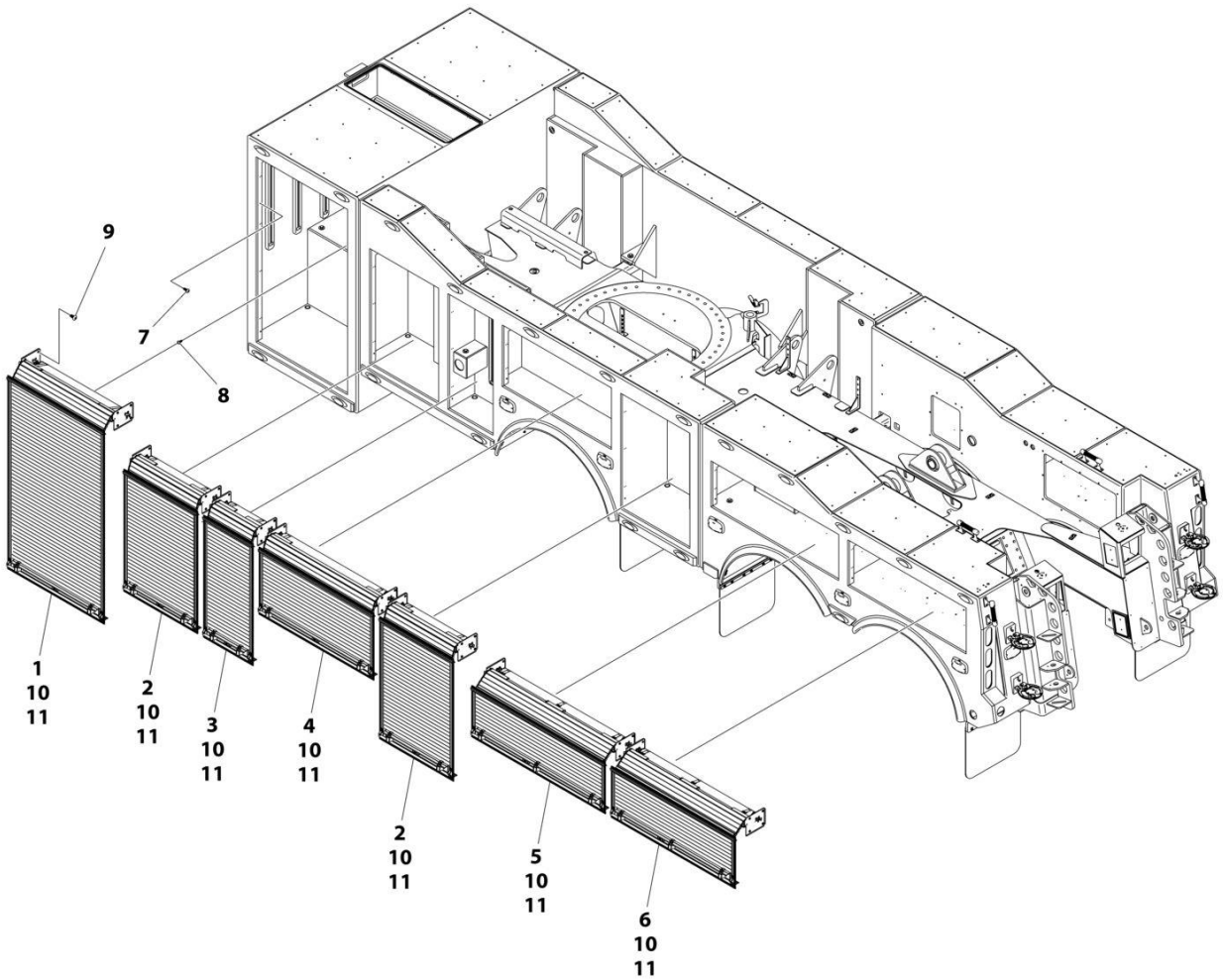


FIGURE 4-20. JFB BODY DOORS INSTALLATION - BRUSHED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171964	Ref	JFB BODY DOORS INSTALLATION - BRUSHED	E
1	1001171674	2	Door	
2	1001171669	4	Door	
3	1001171670	2	Door	
4	1001171671	2	Door	
5	1001171672	2	Door	
6	1001171673	2	Door	
7	1001166322	96	Screw #10 x 5/8	
8	1001172004	60	Screw #10 x 3/8	
9	1001176936	112	Screw #14 x 3/4	
10	8478040002	AR	Adhesive	
11	8798820001	AR	Sealant	

FIGURE 4-21. JFB BODY DOORS WITH AXLE INSTALLATION (SN 0230008542 to Present)

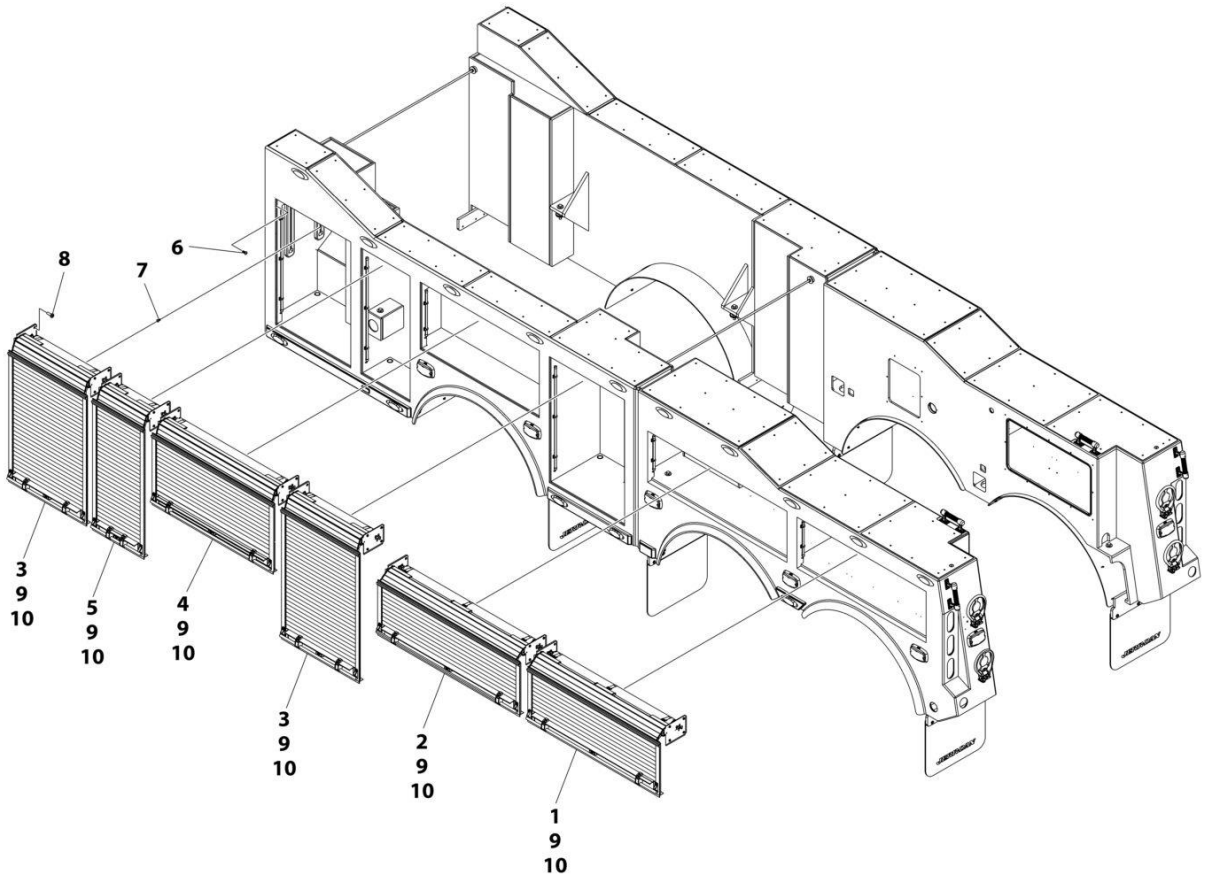


FIGURE 4-21. JFB BODY DOORS WITH AXLE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263642	Ref	JFB BODY DOORS WITH AXLE INSTALLATION	A
1	1001261530	2	Door	
2	1001261529	2	Door	
3	1001261525	4	Door	
4	1001261527	2	Door	
5	1001261526	2	Door	
6	1001192958	88	Screw #10 x 1/2	
7	1001198602	50	Screw #8 x 3/8	
8	1001176936	96	Screw #14 x 3/4	
9	8478040002	AR	Adhesive	
10	8798820001	AR	Sealant	

FIGURE 4-22. JFB BODY DOORS 51IN TUNNEL INSTALLATION (SN 0230008542 to Present)

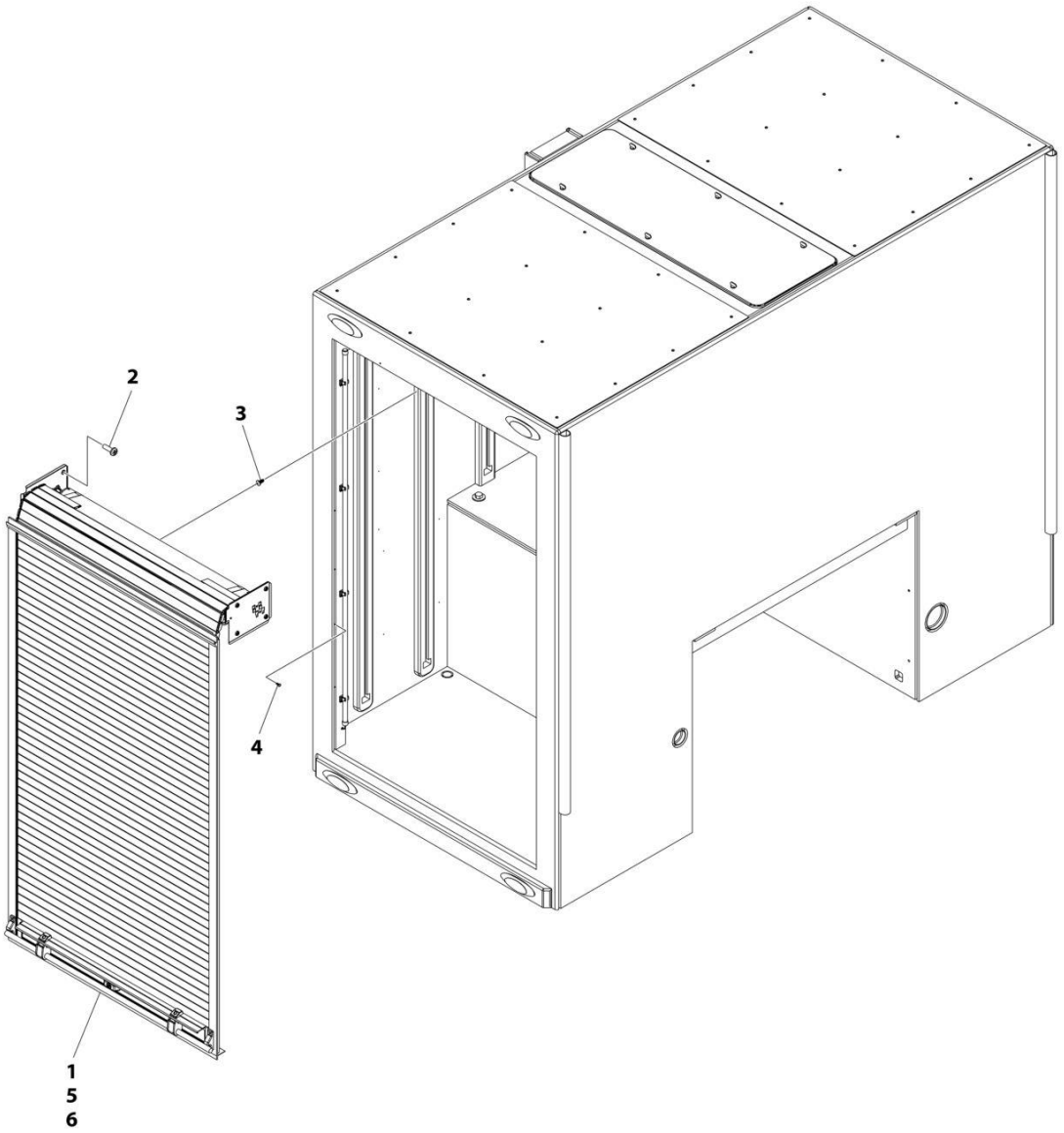


FIGURE 4-22. JFB BODY DOORS 51IN TUNNEL INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263644	Ref	JFB BODY DOORS 51IN TUNNEL INSTALLATION	A
1	1001261533	2	Door	
2	1001176936	16	Screw #14 x 3/4	
3	1001198602	8	Screw #8 x 3/8	
4	1001192958	20	Screw #10 x 1/2	
5	8478040002	AR	Adhesive	
6	8798820001	AR	Sealant	

FIGURE 4-23. JFB BODY DOORS INSTALLATION - PAINTED

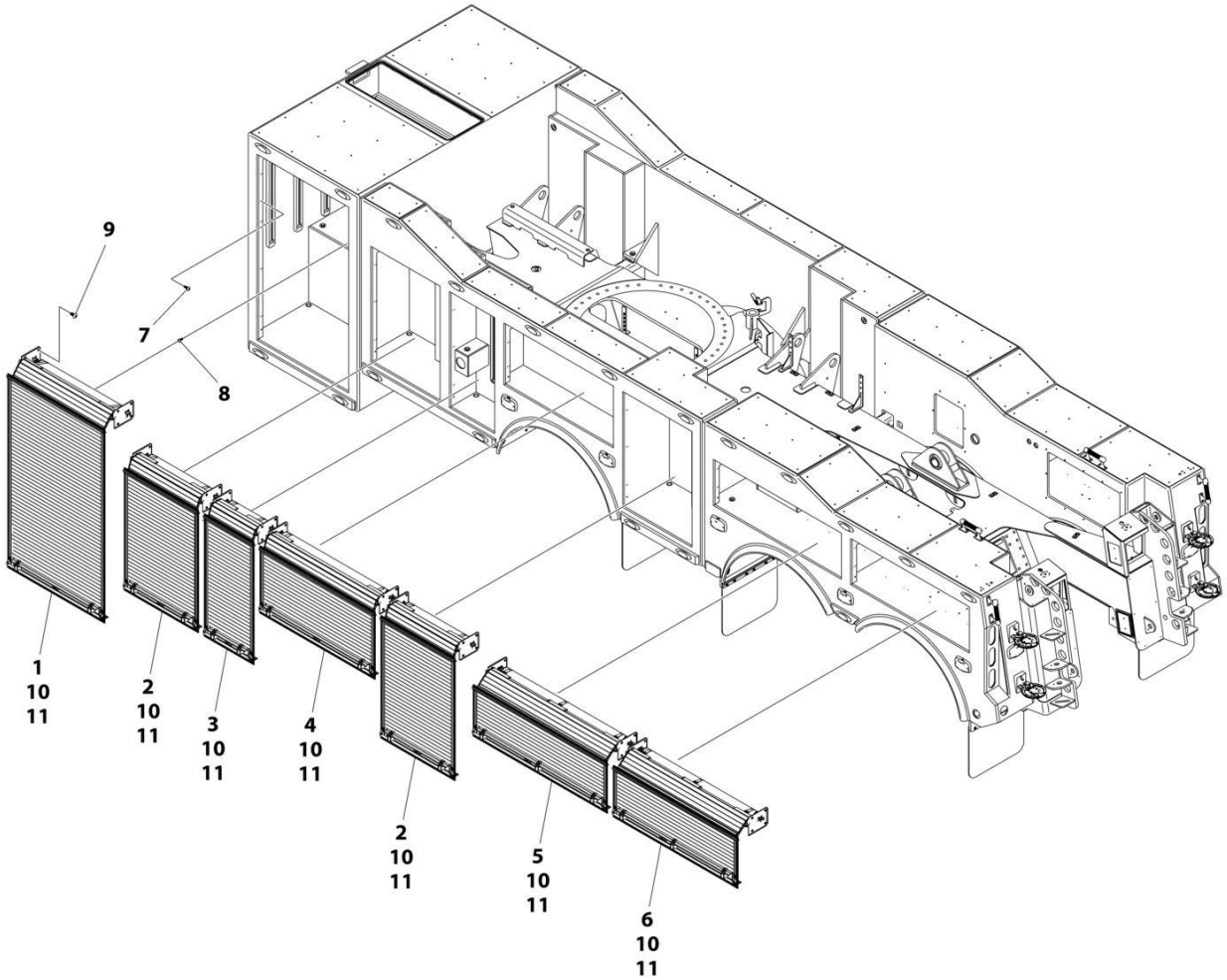


FIGURE 4-23. JFB BODY DOORS INSTALLATION - PAINTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171676	NLA	JFB BODY DOORS INSTALLATION - PAINTED (No longer available, use items 1 through 11 for service or 1001263641 and 1001263643 for replacement)	E
1	1001171674	2	Door	
2	1001171669	4	Door	
3	1001171670	2	Door	
4	1001171671	2	Door	
5	1001171672	2	Door	
6	1001171673	2	Door	
7	1001166322	96	Screw #10 x 5/8	
8	1001172004	60	Screw #10 x 3/8	
9	1001176936	112	Screw #14 x 3/4	
10	8478040002	AR	Adhesive	
11	8798820001	AR	Sealant	

FIGURE 4-24. JFB BODY DOORS INSTALLATION - PAINTED

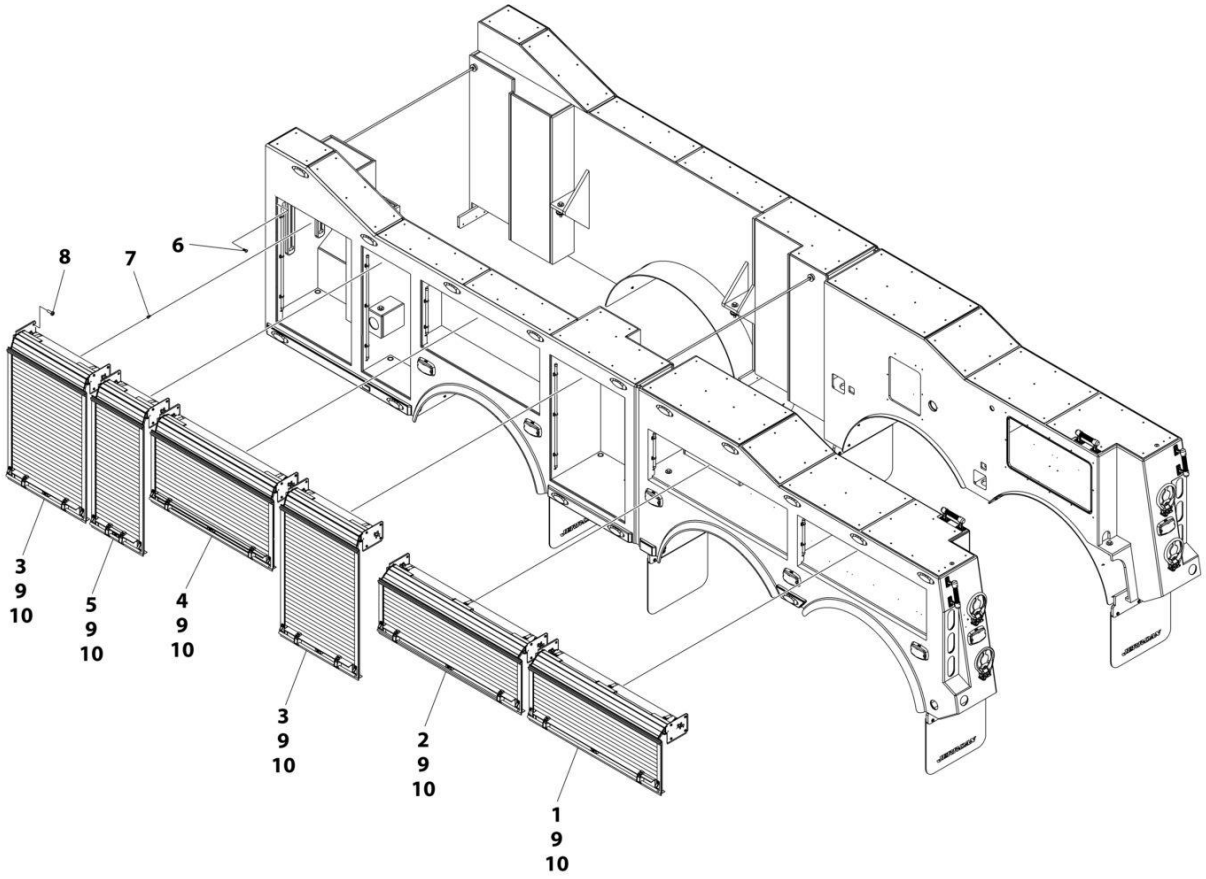


FIGURE 4-24. JFB BODY DOORS INSTALLATION - PAINTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263641	Ref	JFB BODY DOORS INSTALLATION - PAINTED	A
1	1001171673	2	Door	
2	1001171672	2	Door	
3	1001171669	4	Door	
4	1001171671	2	Door	
5	1001171670	2	Door	
6	1001192958	88	Screw #10 x 1/2	
7	1001198602	50	Screw #8 x 3/8	
8	1001176936	96	Screw #14 x 3/4	
9	8478040002	AR	Adhesive	
10	8798820001	AR	Sealant	

FIGURE 4-25. JFB BODY DOORS INSTALLATION - PAINTED

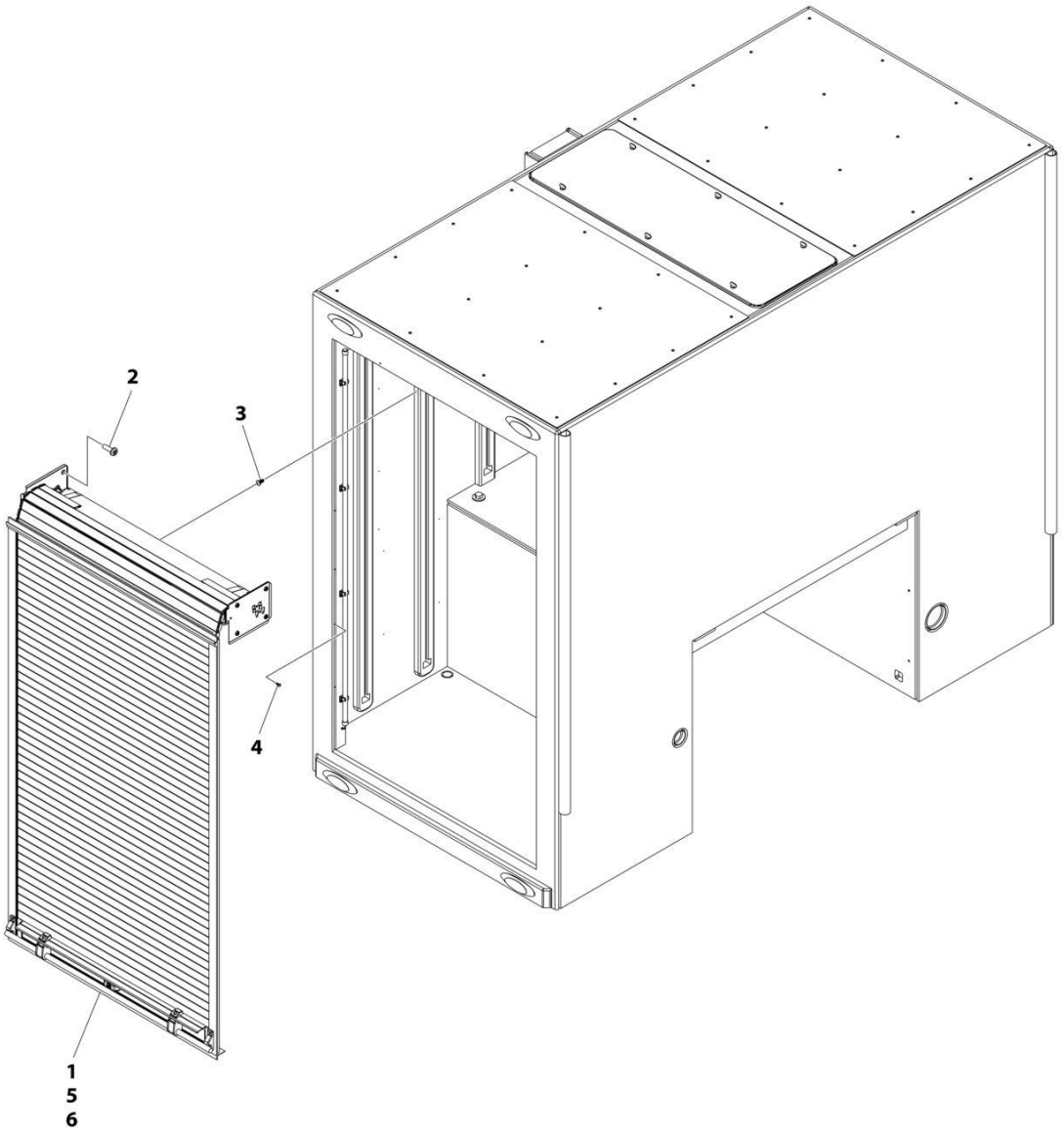


FIGURE 4-25. JFB BODY DOORS INSTALLATION - PAINTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263643	Ref	JFB BODY DOORS INSTALLATION - PAINTED	A
1	1001171674	2	Door	
2	1001176936	16	Screw #14 x 3/4	
3	1001198602	8	Screw #8 x 3/8	
4	1001192958	20	Screw #10 x 1/2	
5	8478040002	AR	Adhesive	
6	8798820001	AR	Sealant	

FIGURE 4-26. JFB BODY DOORS KIT - BRUSHED (Prior to SN 0230008542)

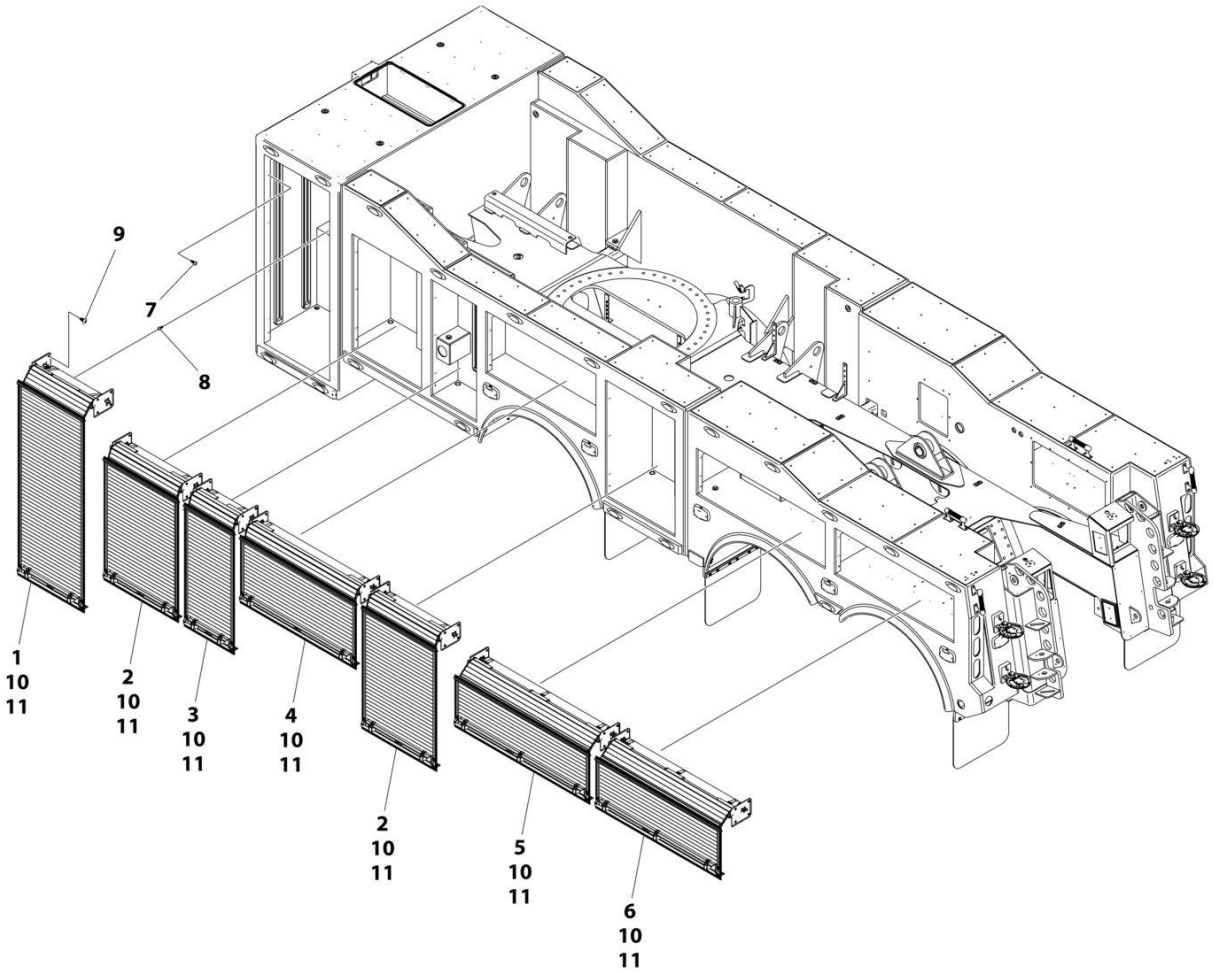


FIGURE 4-26. JFB BODY DOORS KIT - BRUSHED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205909	Ref	JFB BODY DOORS INSTALLATION - BRUSHED	C
1	1001205878	2	Door	
2	1001171669	4	Door	
3	1001171670	2	Door	
4	1001171671	2	Door	
5	1001171672	2	Door	
6	1001171673	2	Door	
7	1001166322	96	Screw #10 x 5/8	
8	1001172004	60	Screw #10 x 3/8	
9	1001176936	112	Screw #14 x 3/4	
10	8478040002	AR	Adhesive	
11	8798820001	AR	Sealant	

FIGURE 4-27. JFB BODY DOORS 39IN TUNNEL INSTALLATION (SN 0230008542 to Present)

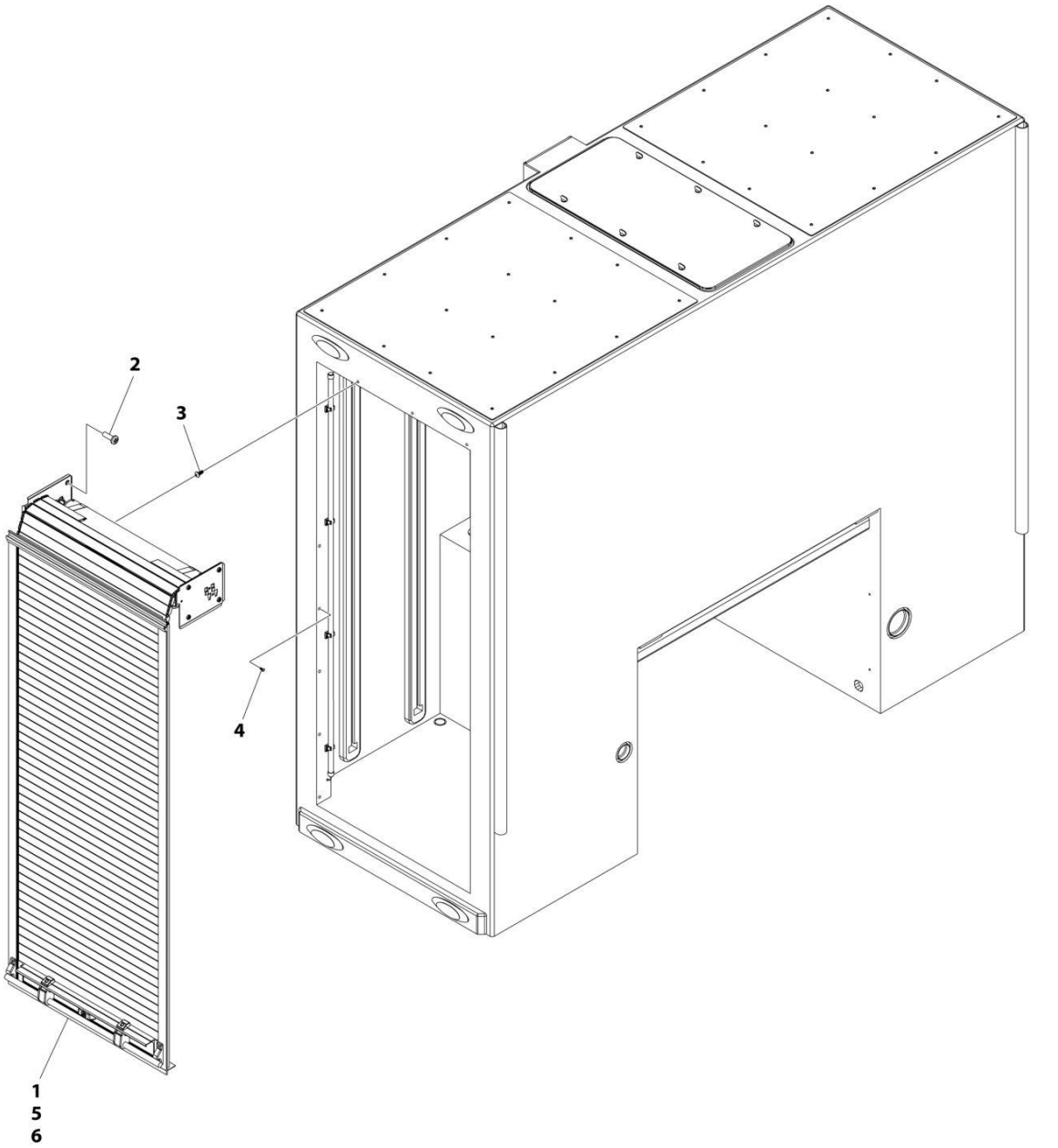


FIGURE 4-27. JFB BODY DOORS 39IN TUNNEL INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263646	Ref	JFB BODY DOORS 39IN TUNNEL INSTALLATION	A
1	1001261536	2	Door	
2	1001176936	16	Screw #14 x 3/4	
3	1001198602	6	Screw #8 x 3/8	
4	1001192958	20	Screw #10 x 1/2	
5	8478040002	AR	Adhesive	
6	8798820001	AR	Sealant	

FIGURE 4-28. JFB BODY DOORS KIT - BRUSHED (Prior to SN 0230008542)

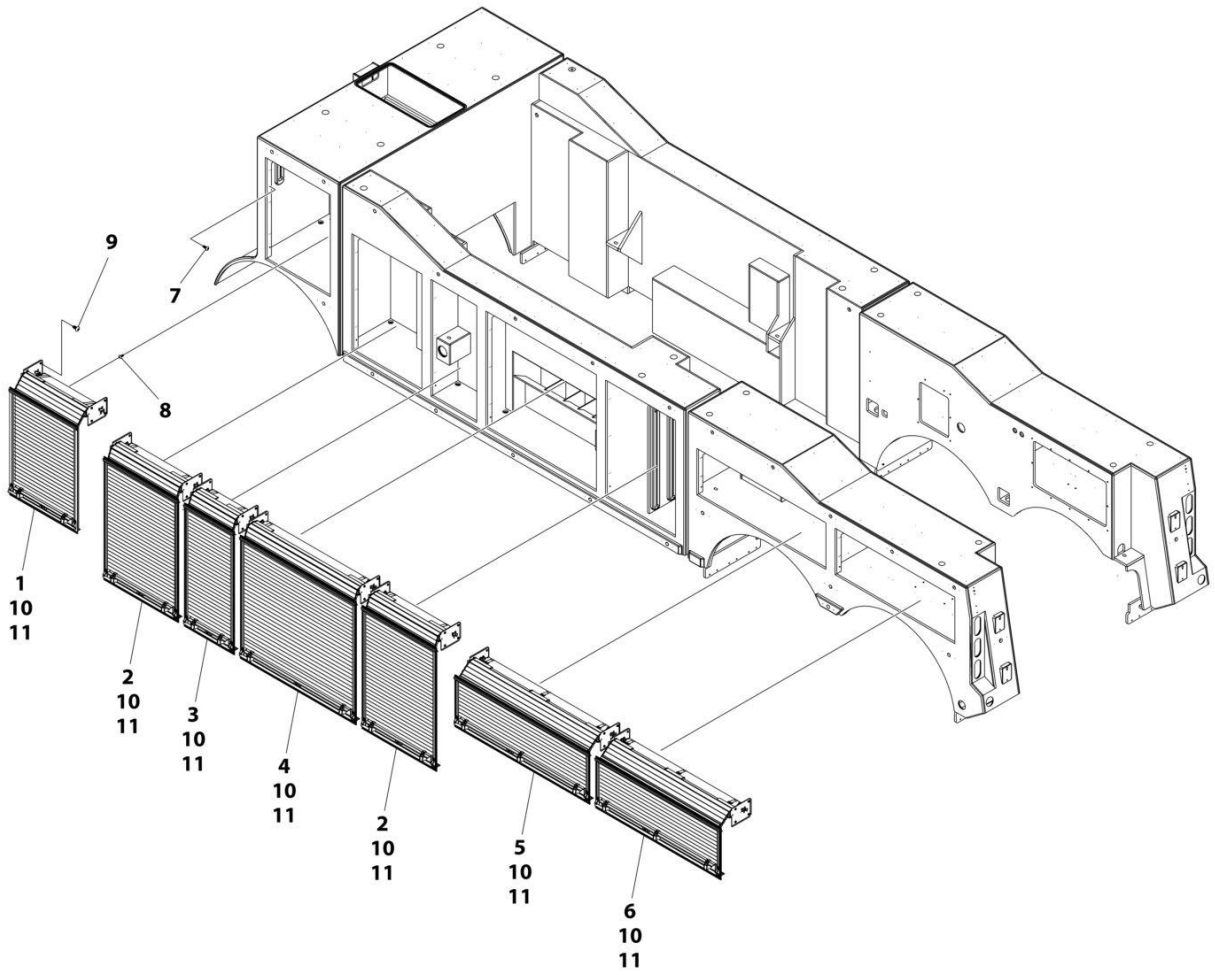


FIGURE 4-28. JFB BODY DOORS KIT - BRUSHED (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182664	Ref	JFB BODY DOORS INSTALLATION - BRUSHED	D
1	1001182666	2	Door	
2	1001171669	4	Door	
3	1001171670	2	Door	
4	1001182667	2	Door	
5	1001171672	2	Door	
6	1001171673	2	Door	
7	1001166322	96	Screw #10 x 5/8	
8	1001172004	60	Screw #10 x 3/8	
9	1001176936	112	Screw #14 x 3/4	
10	8478040002	AR	Adhesive	
11	8798820001	AR	Sealant	

FIGURE 4-29. JFB BODY DOORS WITHOUT AXLE INSTALLATION (SN 0230008542 to Present)

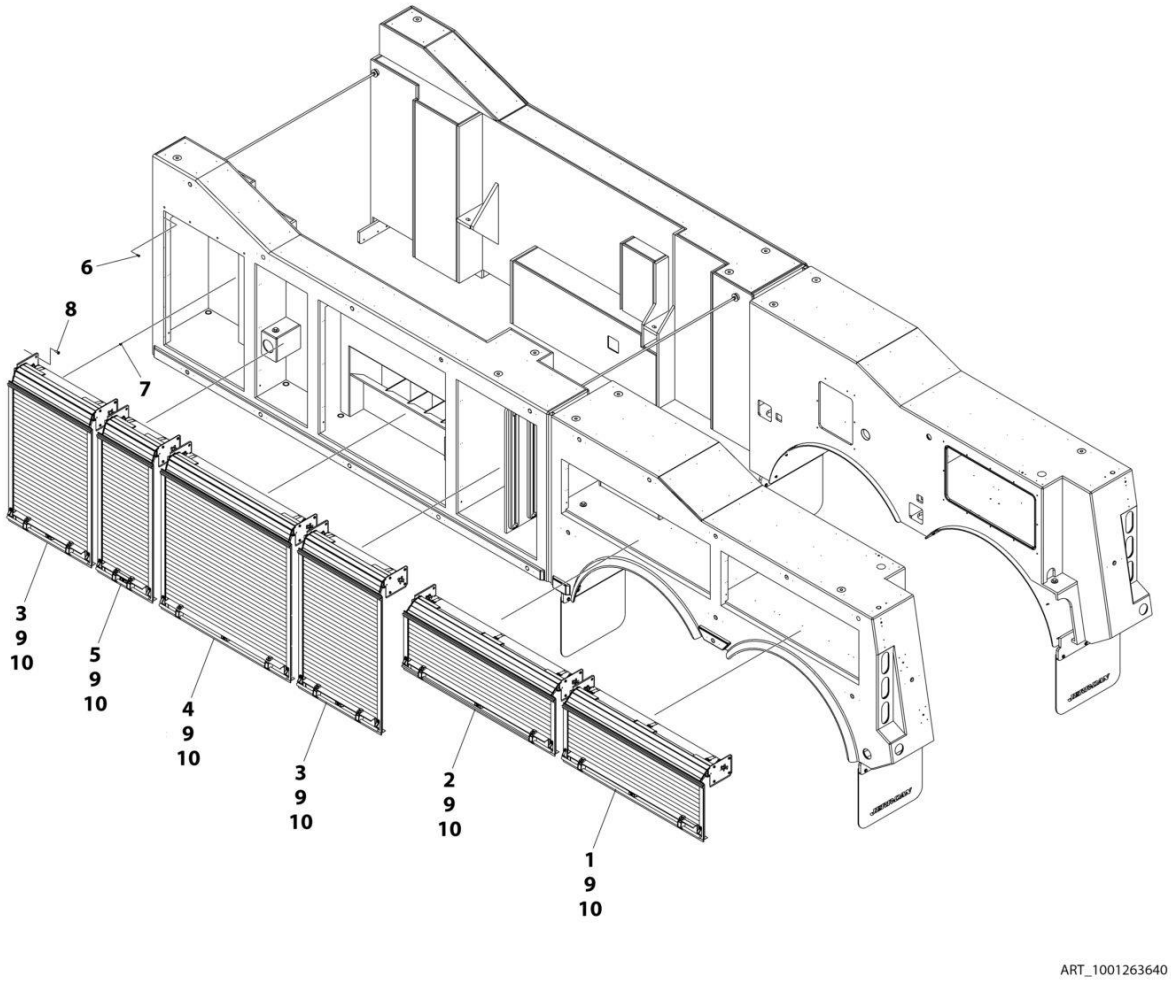
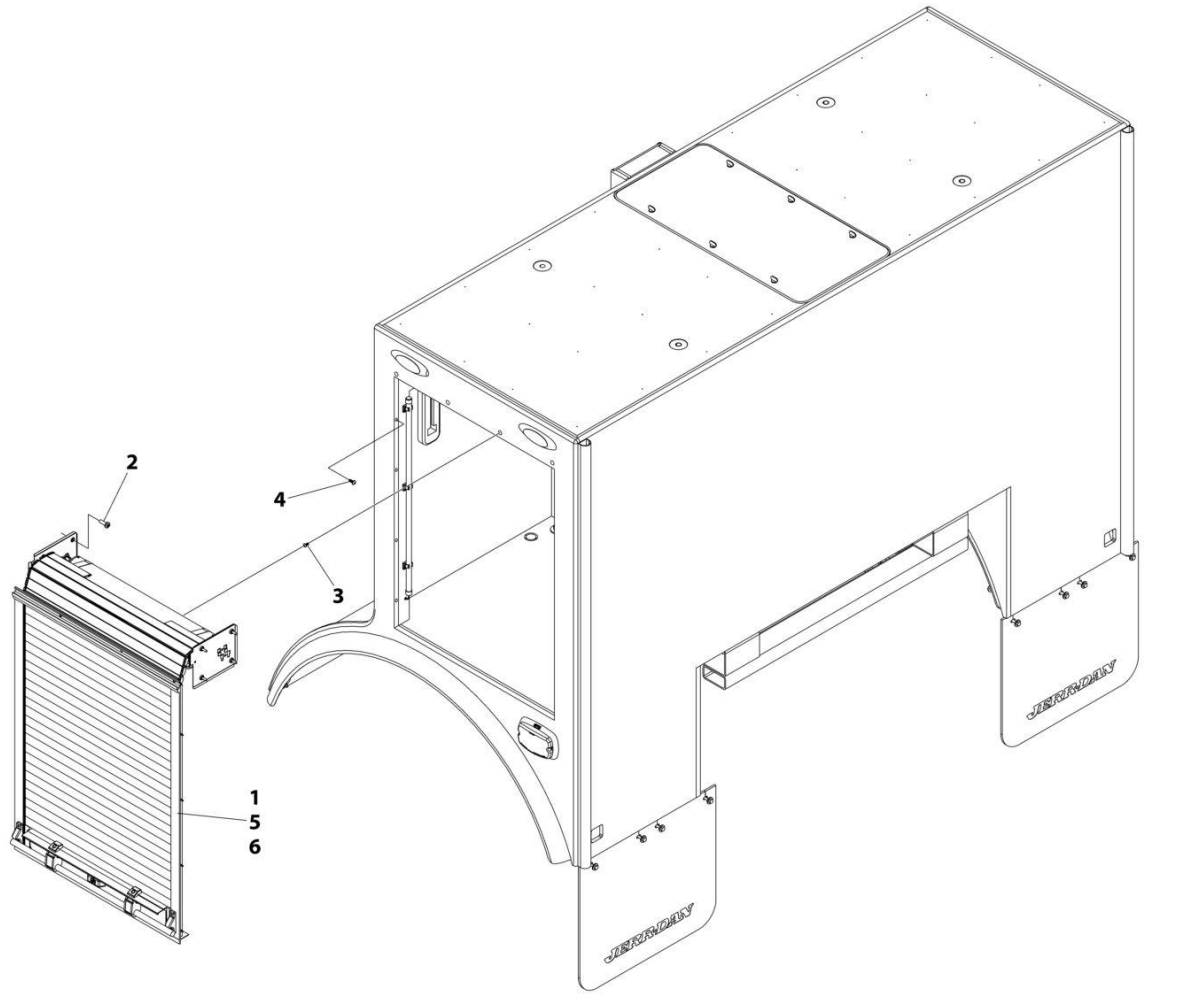


FIGURE 4-29. JFB BODY DOORS WITHOUT AXLE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263640	Ref	JFB BODY DOORS WITHOUT AXLE INSTALLATION	A
1	1001261530	2	Door	
2	1001261529	2	Door	
3	1001261525	4	Door	
4	1001261535	2	Door	
5	1001261526	2	Door	
6	1001192958	96	Screw #10 x 1/2	
7	1001198602	50	Screw #8 x 3/8	
8	1001176936	96	Screw #14 x 3/4	
9	8478040002	AR	Adhesive	
10	8798820001	AR	Sealant	

FIGURE 4-30. JFB BODY DOORS 39IN TS TUNNEL INSTALLATION (SN 0230008542 to Present)



ART_1001263648

FIGURE 4-30. JFB BODY DOORS 39IN TS TUNNEL INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263648	Ref	JFB BODY DOORS 39IN TS TUNNEL INSTALLATION	A
1	1001261534	2	Door	
2	1001176936	16	Screw #14 x 3/4	
3	1001198602	6	Screw #8 x 3/8	
4	1001192958	16	Screw #10 x 1/2	
5	8478040002	AR	Adhesive	
6	8798820001	AR	Sealant	

FIGURE 4-31. JFB BODY DOORS KIT - PAINTED

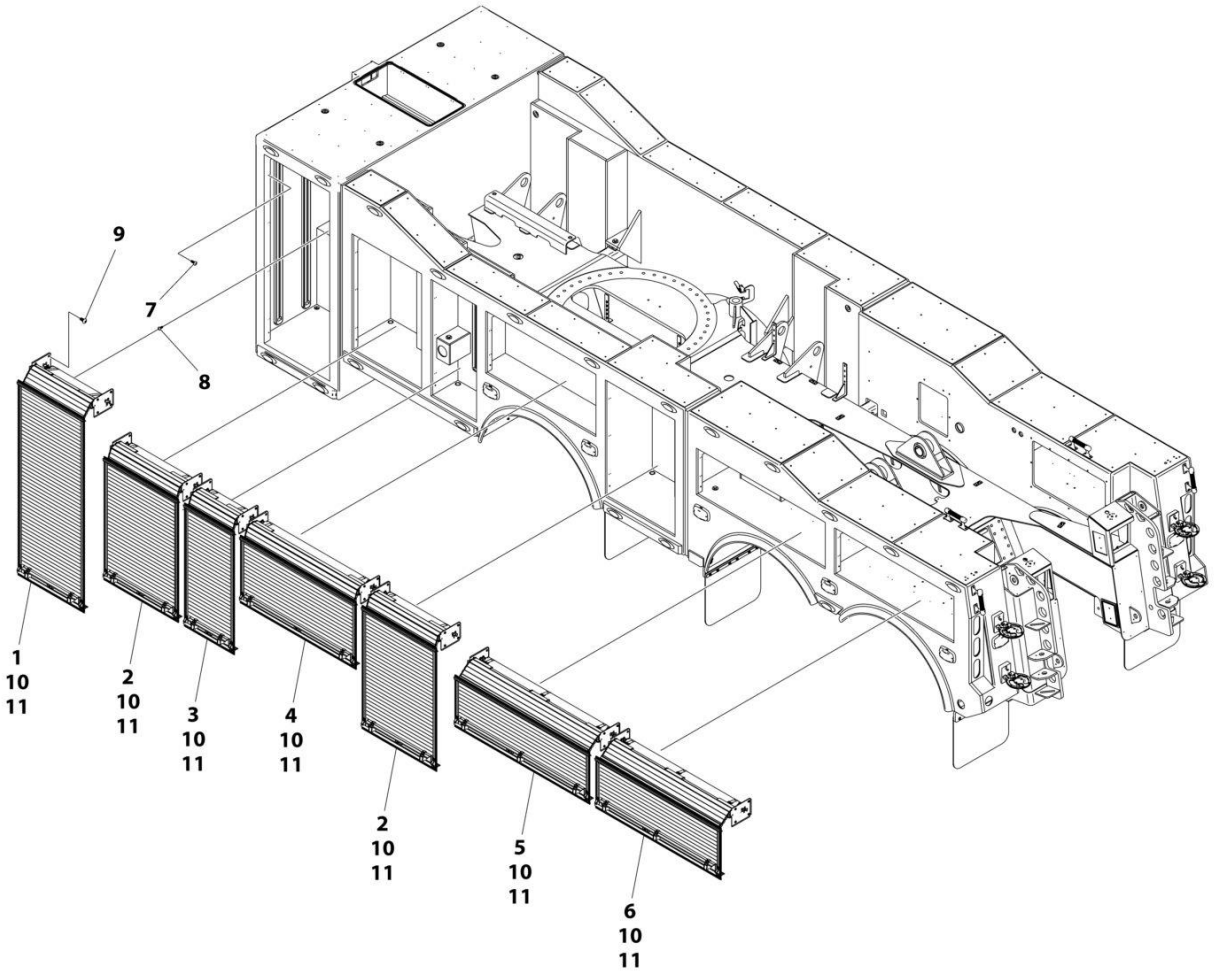


FIGURE 4-31. JFB BODY DOORS KIT - PAINTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205670	NLA	JFB BODY DOORS INSTALLATION - PAINTED (No longer available, use items 1 through 11 for service or 1001263641 and 1001263645 for replacement)	C
1	1001205878	2	Door	
2	1001171669	4	Door	
3	1001171670	2	Door	
4	1001171671	2	Door	
5	1001171672	2	Door	
6	1001171673	2	Door	
7	1001166322	96	Screw #10 x 5/8	
8	1001172004	60	Screw #10 x 3/8	
9	1001176936	112	Screw #14 x 3/4	
10	8478040002	AR	Adhesive	
11	8798820001	AR	Sealant	

FIGURE 4-32. JFB BODY DOORS 39IN TUNNEL INSTALLATION - PAINTED

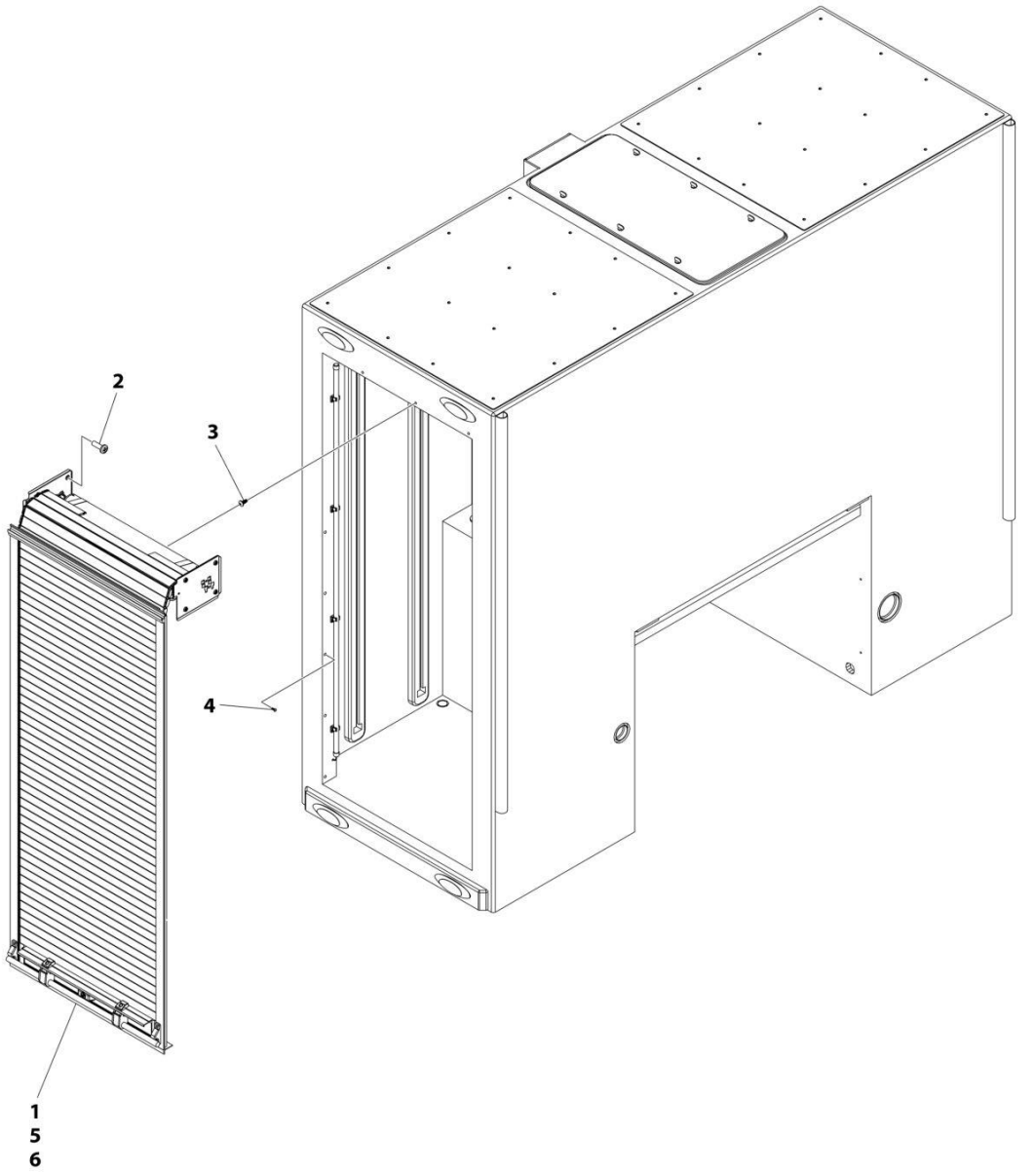


FIGURE 4-32. JFB BODY DOORS 39IN TUNNEL INSTALLATION - PAINTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263645	Ref	JFB BODY DOORS 39IN TUNNEL INSTALLATION - PAINTED	A
1	1001205878	2	Door	
2	1001176936	16	Screw #14 x 3/4	
3	1001198602	6	Screw #8 x 3/8	
4	1001192958	20	Screw #10 x 1/2	
5	8478040002	AR	Adhesive	
6	8798820001	AR	Sealant	

FIGURE 4-33. JFB BODY DOORS INSTALLATION - PAINTED

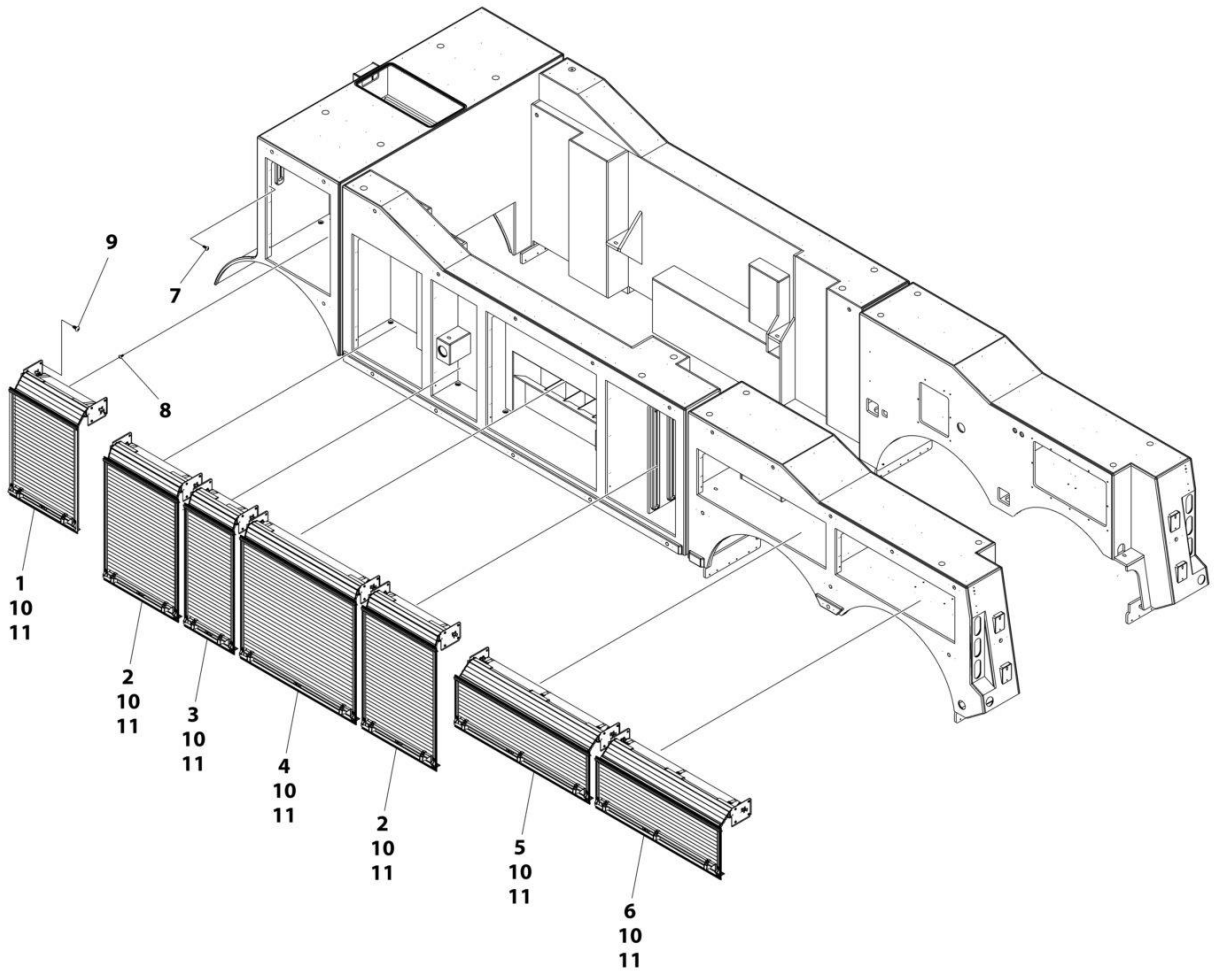


FIGURE 4-33. JFB BODY DOORS INSTALLATION - PAINTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182665	NLA	JFB BODY DOORS INSTALLATION - PAINTED (No longer available, use items 1 through 11 for service or 1001263639 and 1001263647 for replacement)	D
1	1001182666	2	Door	
2	1001171669	4	Door	
3	1001171670	2	Door	
4	1001182667	2	Door	
5	1001171672	2	Door	
6	1001171673	2	Door	
7	1001166322	96	Screw #10 x 5/8	
8	1001172004	60	Screw #10 x 3/8	
9	1001176936	112	Screw #14 x 3/4	
10	8478040002	AR	Adhesive	
11	8798820001	AR	Sealant	

FIGURE 4-34. JFB BODY DOORS WITHOUT AXLE INSTALLATION - PAINTED

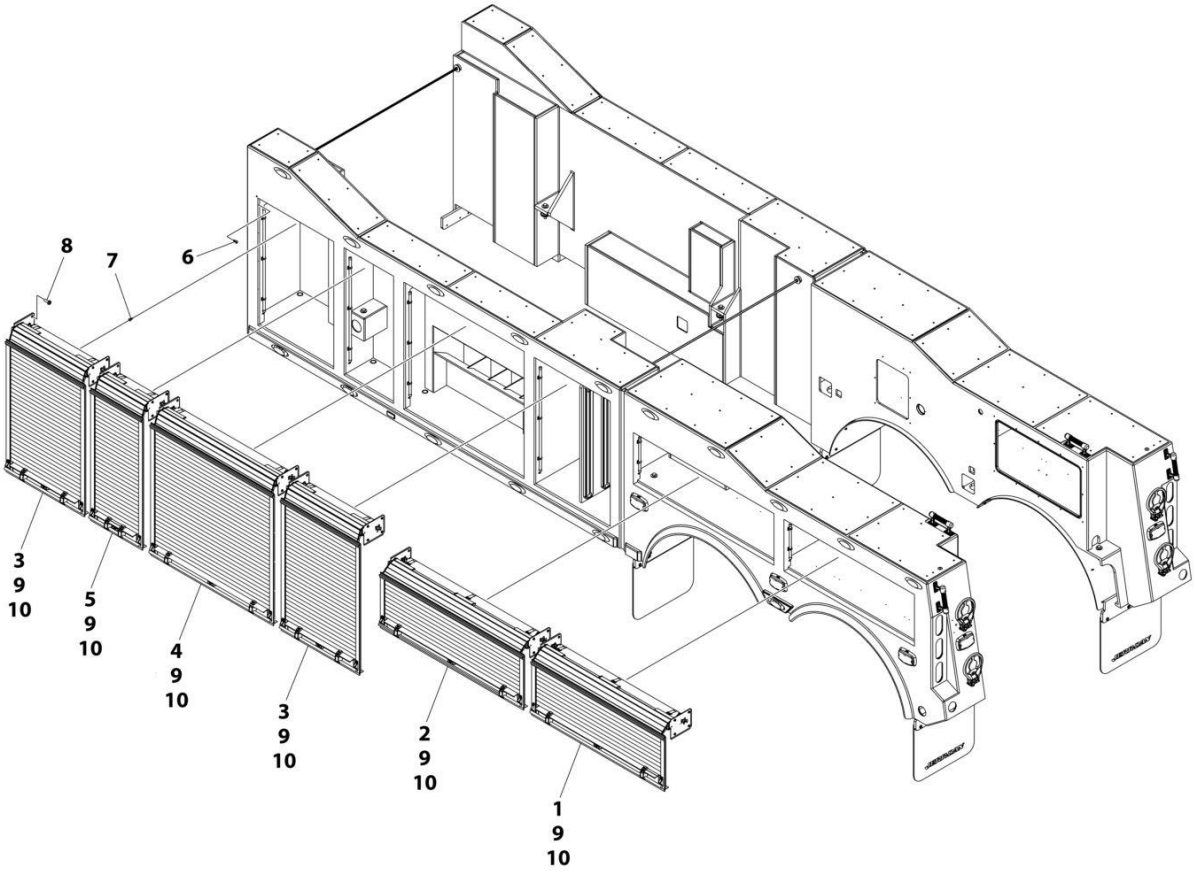


FIGURE 4-34. JFB BODY DOORS WITHOUT AXLE INSTALLATION - PAINTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263639	Ref	JFB BODY DOORS WITHOUT AXLE INSTALLATION - PAINTED	A
1	1001171673	2	Door	
2	1001171672	2	Door	
3	1001171669	4	Door	
4	1001182667	2	Door	
5	1001171670	2	Door	
6	1001192958	96	Screw #10 x 1/2	
7	1001198602	50	Screw #8 x 3/8	
8	1001176936	96	Screw #14 x 3/4	
9	8478040002	AR	Adhesive	
10	8798820001	AR	Sealant	

FIGURE 4-35. JFB BODY DOORS 39IN TS TUNNEL INSTALLATION - PAINTED

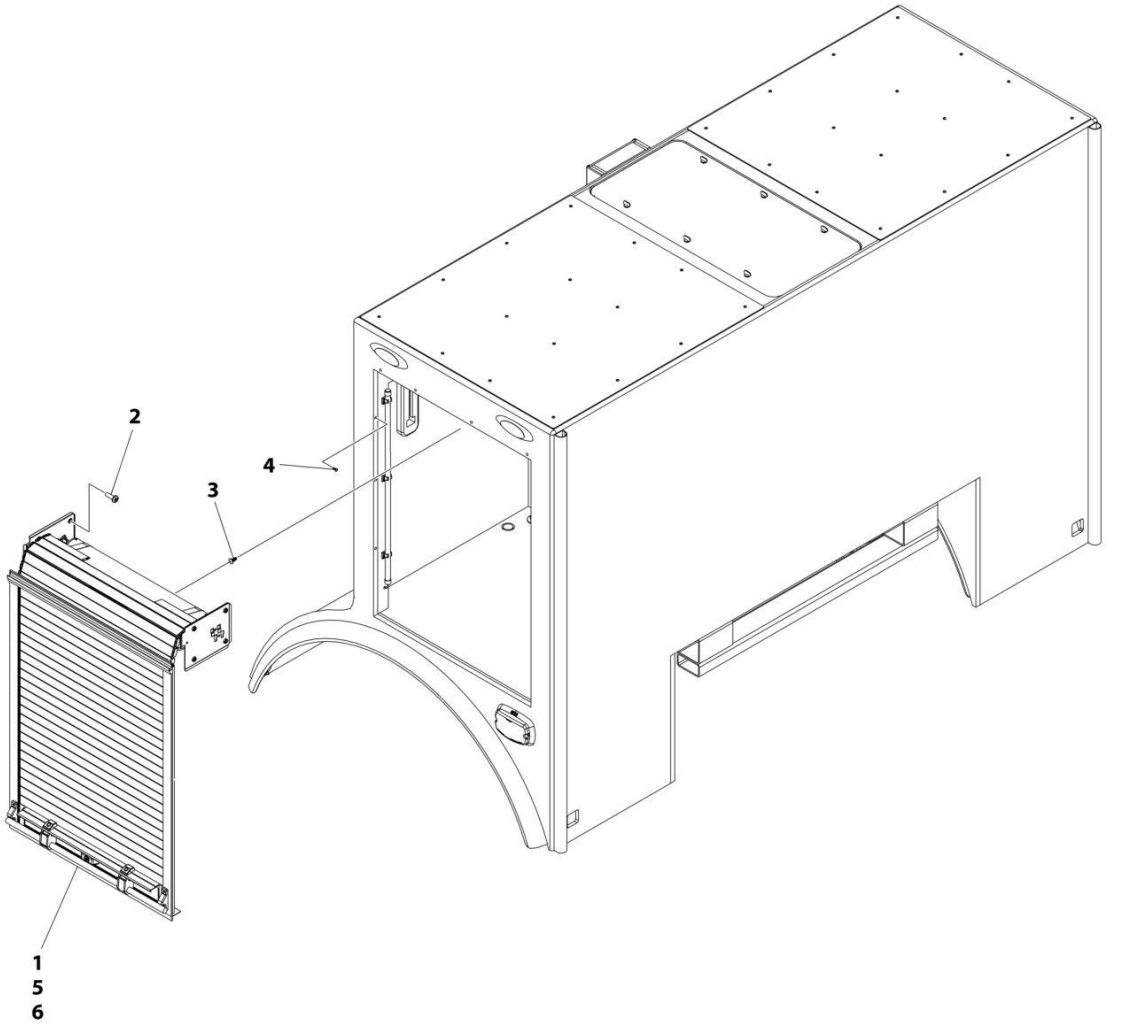


FIGURE 4-35. JFB BODY DOORS 39IN TS TUNNEL INSTALLATION - PAINTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263647	Ref	JFB BODY DOORS 39IN TS TUNNEL INSTALLATION - PAINTED	A
1	1001182666	2	Door	
2	1001176936	16	Screw #14 x 3/4	
3	1001198602	6	Screw #8 x 3/8	
4	1001192958	16	Screw #10 x 1/2	
5	8478040002	AR	Adhesive	
6	8798820001	AR	Sealant	

FIGURE 4-36. JFB BODY DOORS KIT - BRUSHED - 4TS (Prior to SN 0230008542)

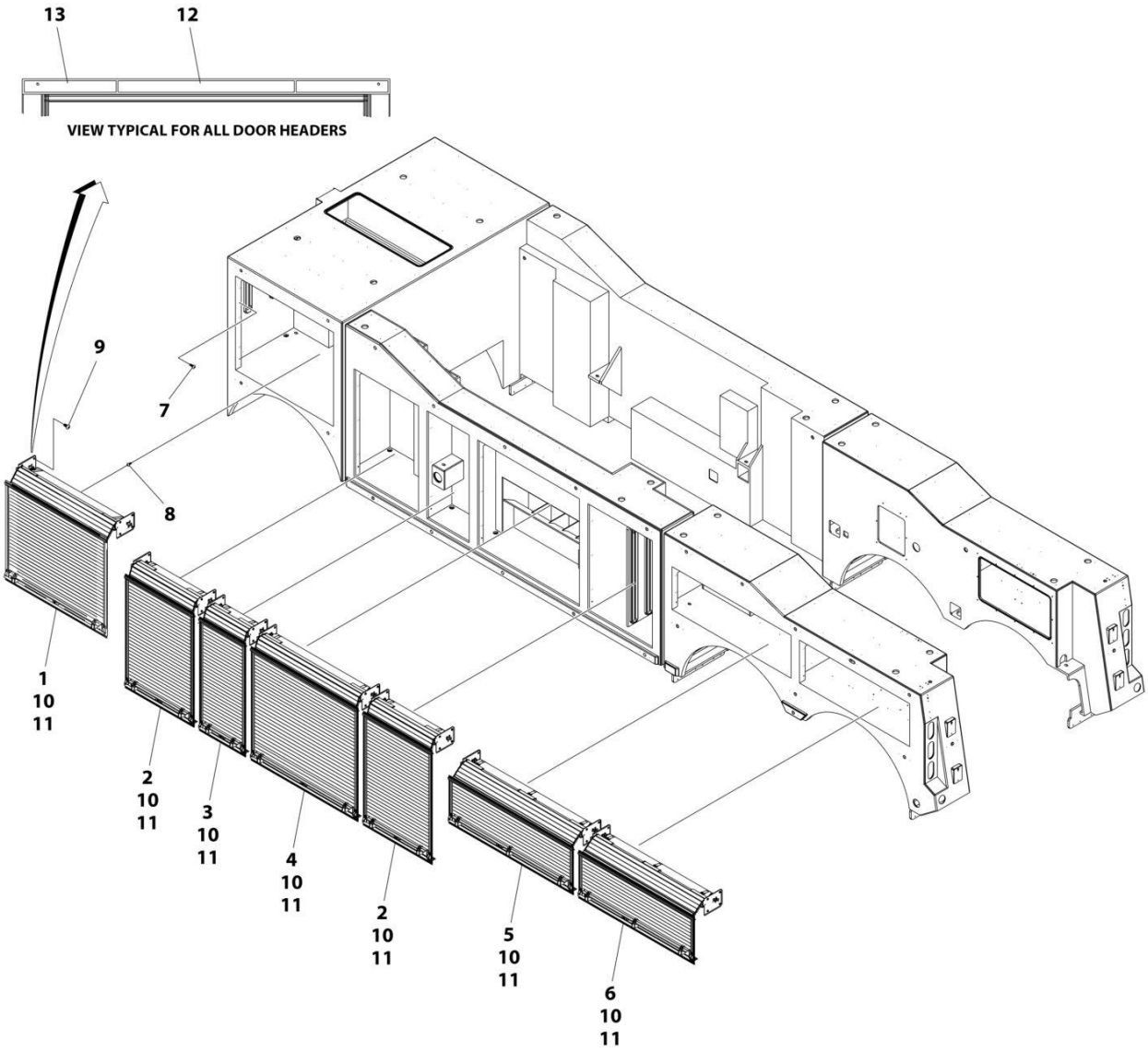


FIGURE 4-36. JFB BODY DOORS KIT - BRUSHED - 4TS (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228915	Ref	JFB BODY DOORS INSTALLATION - BRUSHED	B
1	1001228838	2	Door	
2	1001171669	4	Door	
3	1001171670	2	Door	
4	1001182667	2	Door	
5	1001171672	2	Door	
6	1001171673	2	Door	
7	1001166322	96	Screw #10 x 5/8	
8	1001172004	60	Screw #10 x 3/8	
9	1001176936	112	Screw #14 x 3/4	
10	8478040002	AR	Adhesive	
11	8798820001	AR	Sealant	
12	8892040001	AR	Tape	
13	7796000012	AR	Seal	

FIGURE 4-37. JFB BODY DOORS 57IN TS TUNNEL INSTALLATION (SN 0230008542 to Present)

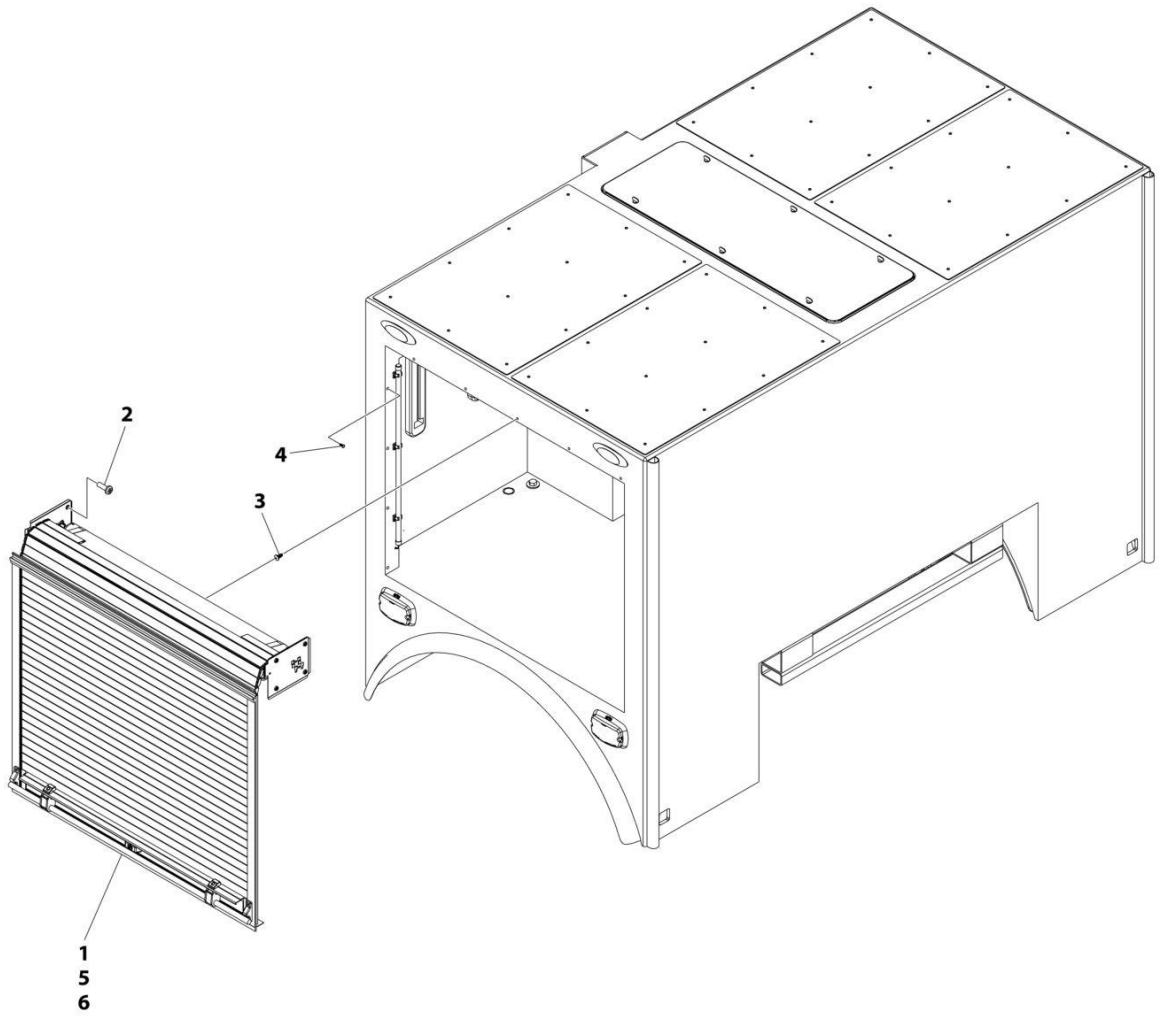


FIGURE 4-37. JFB BODY DOORS 57IN TS TUNNEL INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263650	Ref	JFB BODY DOORS 57IN TS TUNNEL INSTALLATION	A
1	1001261538	2	Door	
2	1001176936	16	Screw #14 x 3/4	
3	1001198602	10	Screw #8 x 3/8	
4	1001192958	16	Screw #10 x 1/2	
5	8478040002	AR	Adhesive	
6	8798820001	AR	Sealant	

FIGURE 4-38. JFB BODY DOORS INSTALLATION - PAINTED

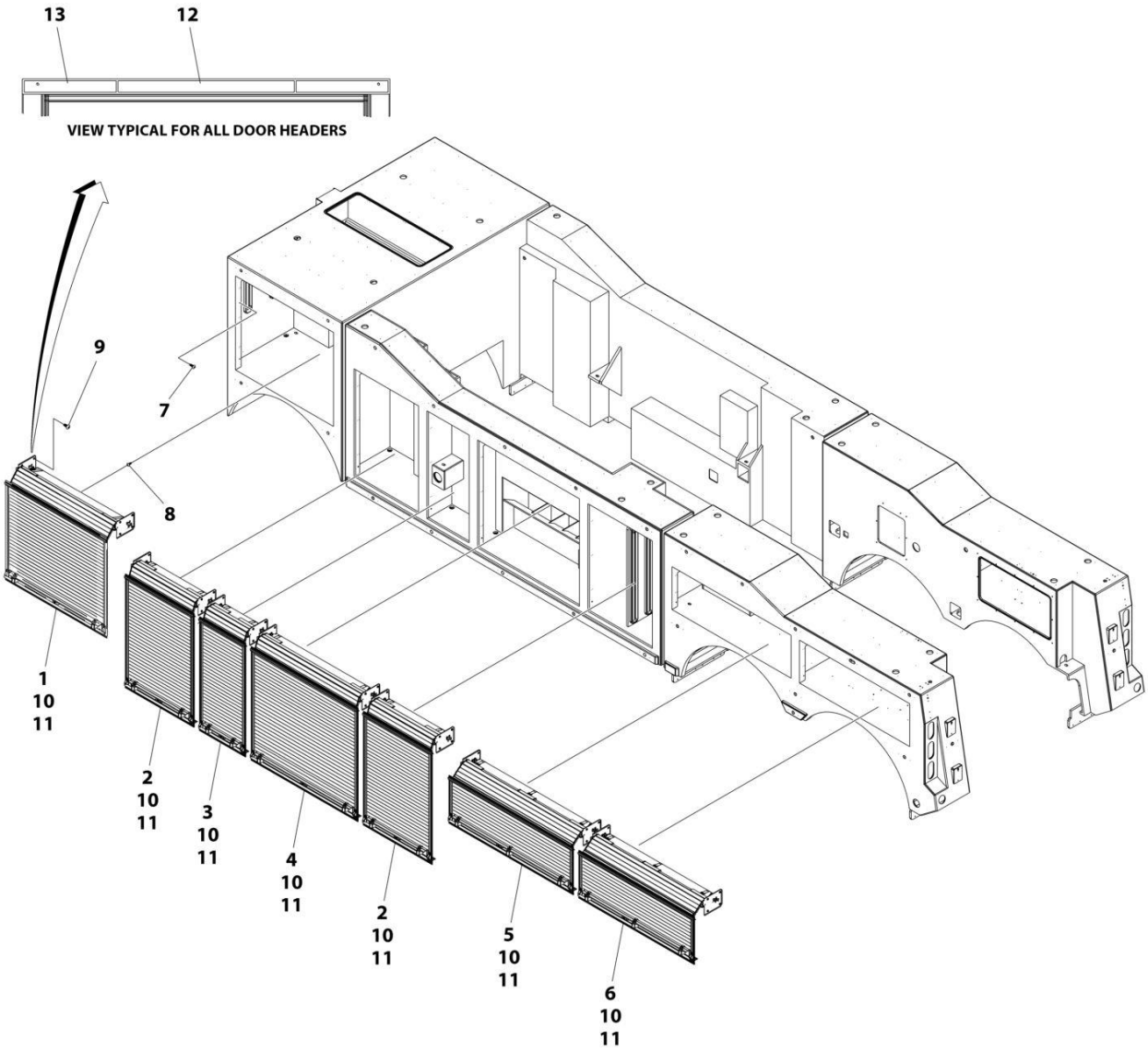


FIGURE 4-38. JFB BODY DOORS INSTALLATION - PAINTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228916	NLA	JFB BODY DOORS INSTALLATION - PAINTED (No longer available, use items 1 through 13 for service or 1001263639 and 1001263649 for replacement)	B
1	1001228838	2	Door	
2	1001171669	4	Door	
3	1001171670	2	Door	
4	1001182667	2	Door	
5	1001171672	2	Door	
6	1001171673	2	Door	
7	1001166322	96	Screw #10 x 5/8	
8	1001172004	60	Screw #10 x 3/8	
9	1001176936	112	Screw #14 x 3/4	
10	8478040002	AR	Adhesive	
11	8798820001	AR	Sealant	
12	8892040001	AR	Tape	
13	7796000012	AR	Seal	

FIGURE 4-39. JFB BODY DOORS 57IN TS TUNNEL INSTALLATION - PAINTED

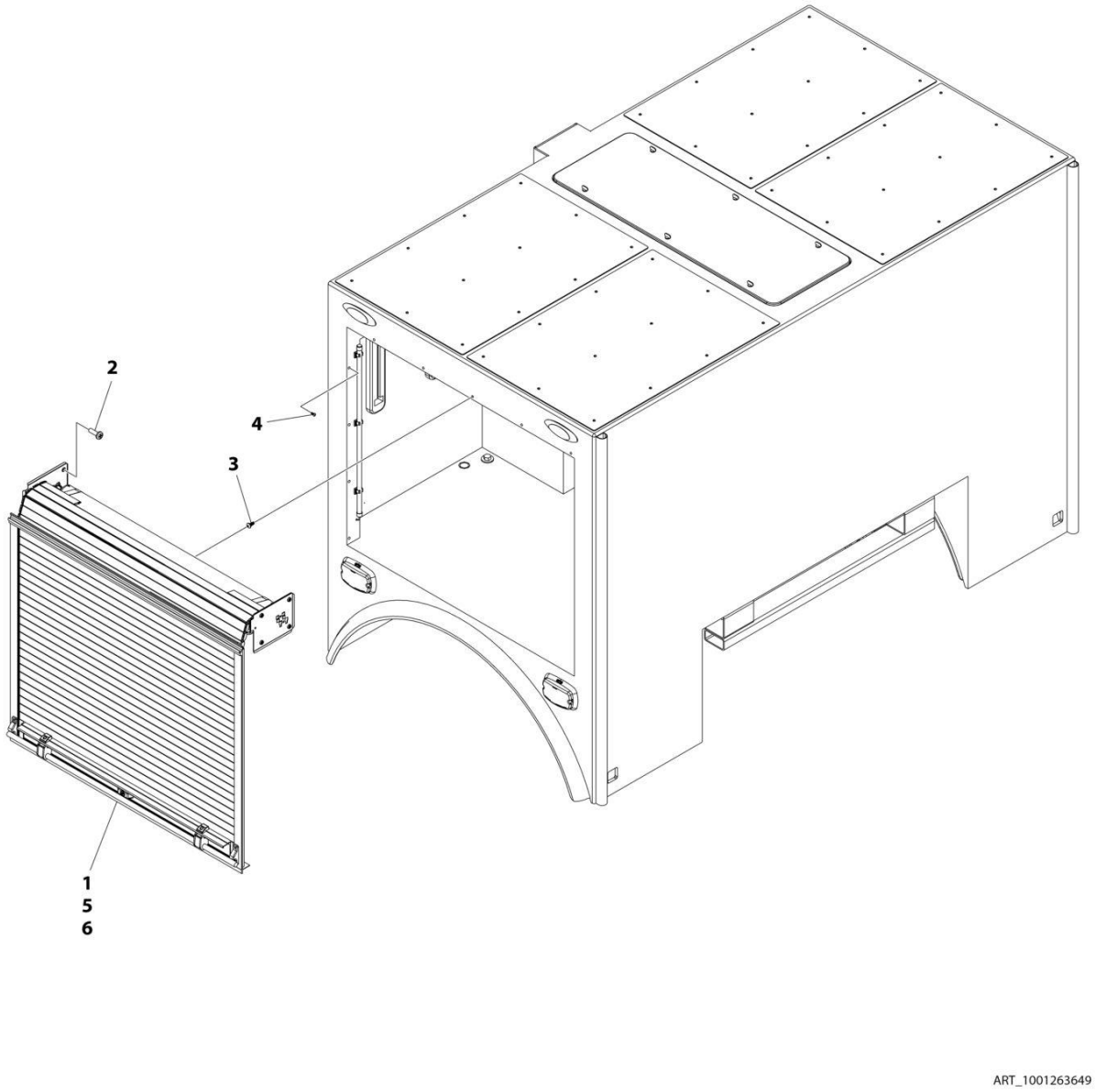


FIGURE 4-39. JFB BODY DOORS 57IN TS TUNNEL INSTALLATION - PAINTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263649	Ref	JFB BODY DOORS 57IN TS TUNNEL INSTALLATION - PAINTED	A
1	1001228838	2	Door	
2	1001176936	16	Screw #14 x 3/4	
3	1001198602	10	Screw #8 x 3/8	
4	1001192958	16	Screw #10 x 1/2	
5	8478040002	AR	Adhesive	
6	8798820001	AR	Sealant	

FIGURE 4-40. JFB BODY DOORS KIT - BRUSHED - 5TS (Prior to SN 0230008542)

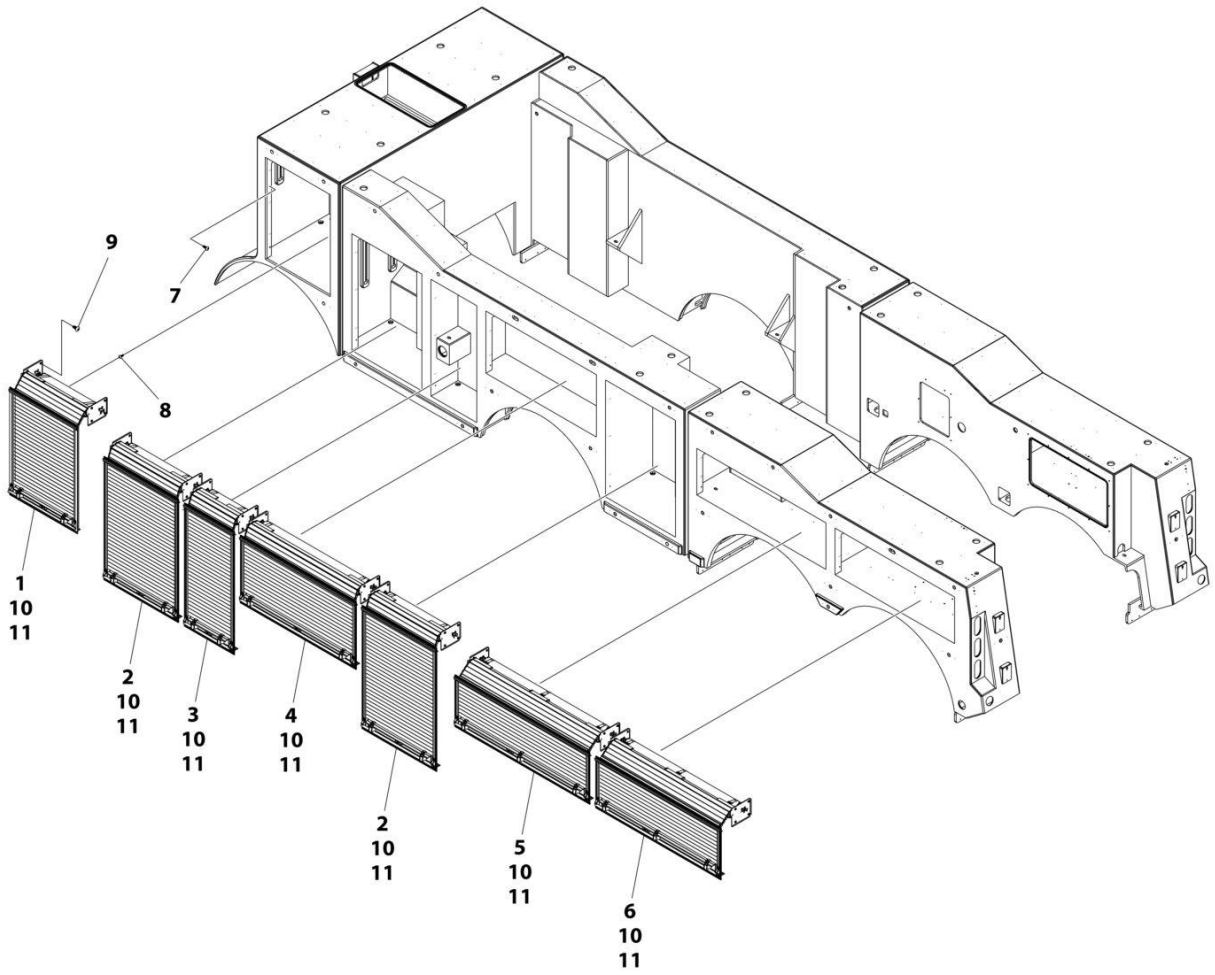


FIGURE 4-40. JFB BODY DOORS KIT - BRUSHED - 5TS (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209165	Ref	JFB BODY DOORS KIT - BRUSHED - 5TS	C
1	1001182666	2	Door	
2	1001171669	4	Door	
3	1001171670	2	Door	
4	1001171671	2	Door	
5	1001171672	2	Door	
6	1001171673	2	Door	
7	1001166322	96	Screw #10 x 5/8	
8	1001172004	60	Screw #10 x 3/8	
9	1001176936	112	Screw #14 x 3/4	
10	8478040002	AR	Adhesive	
11	8798820001	AR	Sealant	

FIGURE 4-41. JFB BODY DOORS KIT - BRUSHED - 5TS (Prior to SN 0230008542)

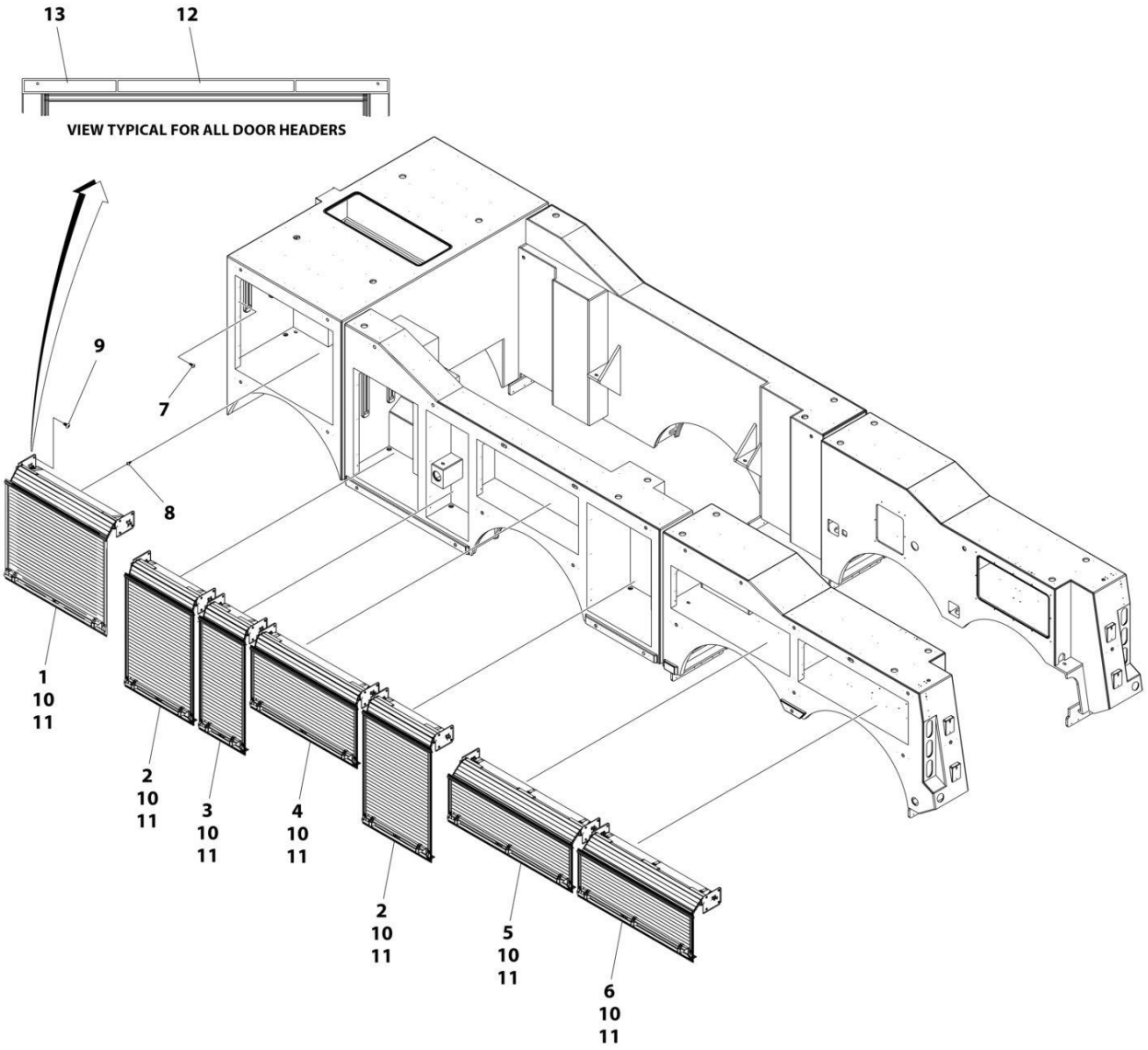


FIGURE 4-41. JFB BODY DOORS KIT - BRUSHED - 5TS (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228917	Ref	JFB BODY DOORS INSTALLATION - BRUSHED - 5TS	B
1	1001228838	2	Door	
2	1001171669	4	Door	
3	1001171670	2	Door	
4	1001171671	2	Door	
5	1001171672	2	Door	
6	1001171673	2	Door	
7	1001166322	96	Screw #10 x 5/8	
8	1001172004	60	Screw #10 x 3/8	
9	1001176936	112	Screw #14 x 3/4	
10	8478040002	AR	Adhesive	
11	8798820001	AR	Sealant	
12	8892040001	AR	Tape	
13	7796000012	AR	Seal	

FIGURE 4-42. JFB BODY DOORS KIT - PAINTED - 5TS

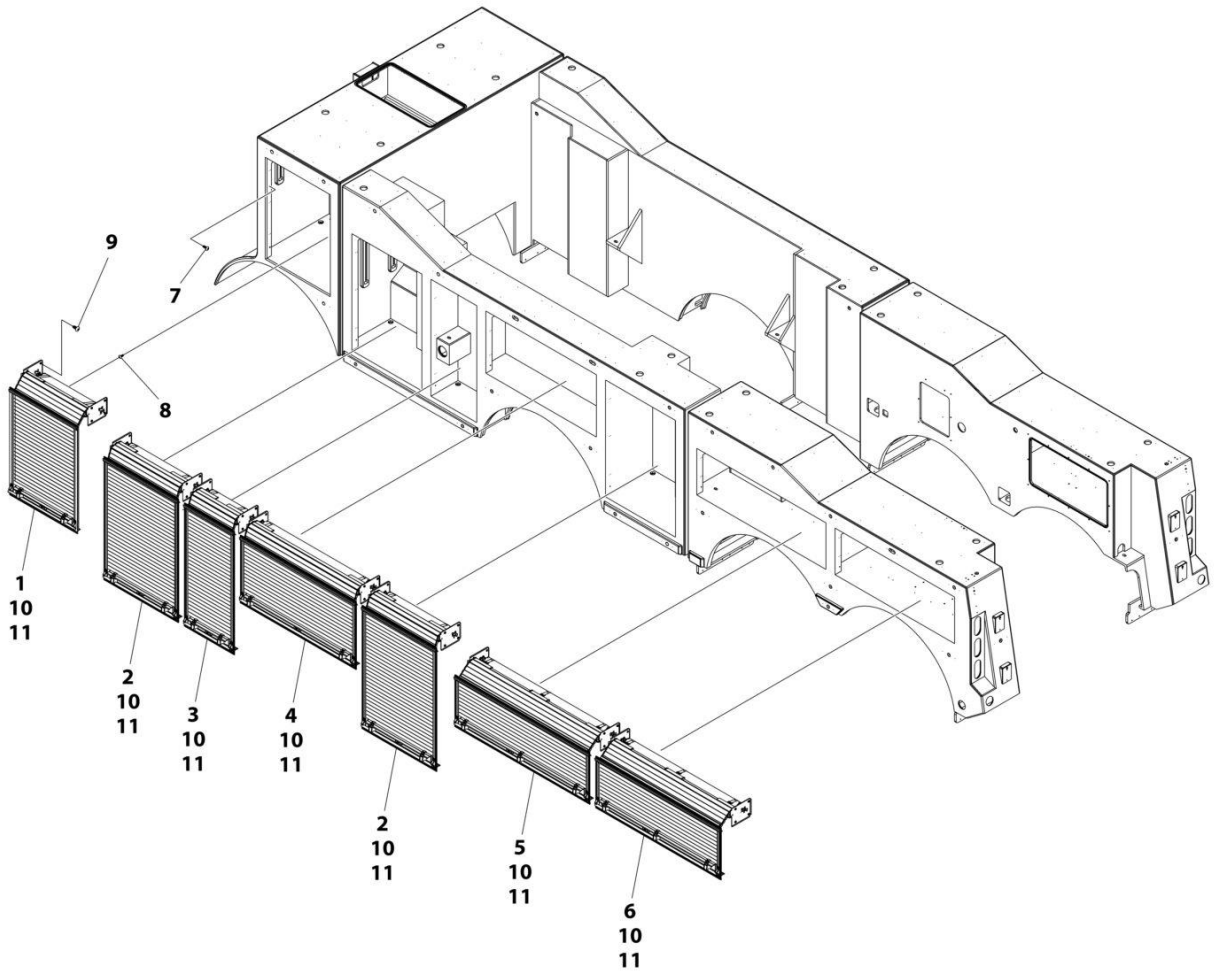


FIGURE 4-42. JFB BODY DOORS KIT - PAINTED - 5TS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209166	NLA	JFB BODY DOORS INSTALLATION - PAINTED - 5TS (No longer available, use items 1 through 11 for service or 1001263641 and 1001263647 for replacement)	C
1	1001182666	2	Door	
2	1001171669	4	Door	
3	1001171670	2	Door	
4	1001171671	2	Door	
5	1001171672	2	Door	
6	1001171673	2	Door	
7	1001166322	96	Screw #10 x 5/8	
8	1001172004	60	Screw #10 x 3/8	
9	1001176936	112	Screw #14 x 3/4	
10	8478040002	AR	Adhesive	
11	8798820001	AR	Sealant	

FIGURE 4-43. JFB BODY DOORS KIT - PAINTED - 5TS

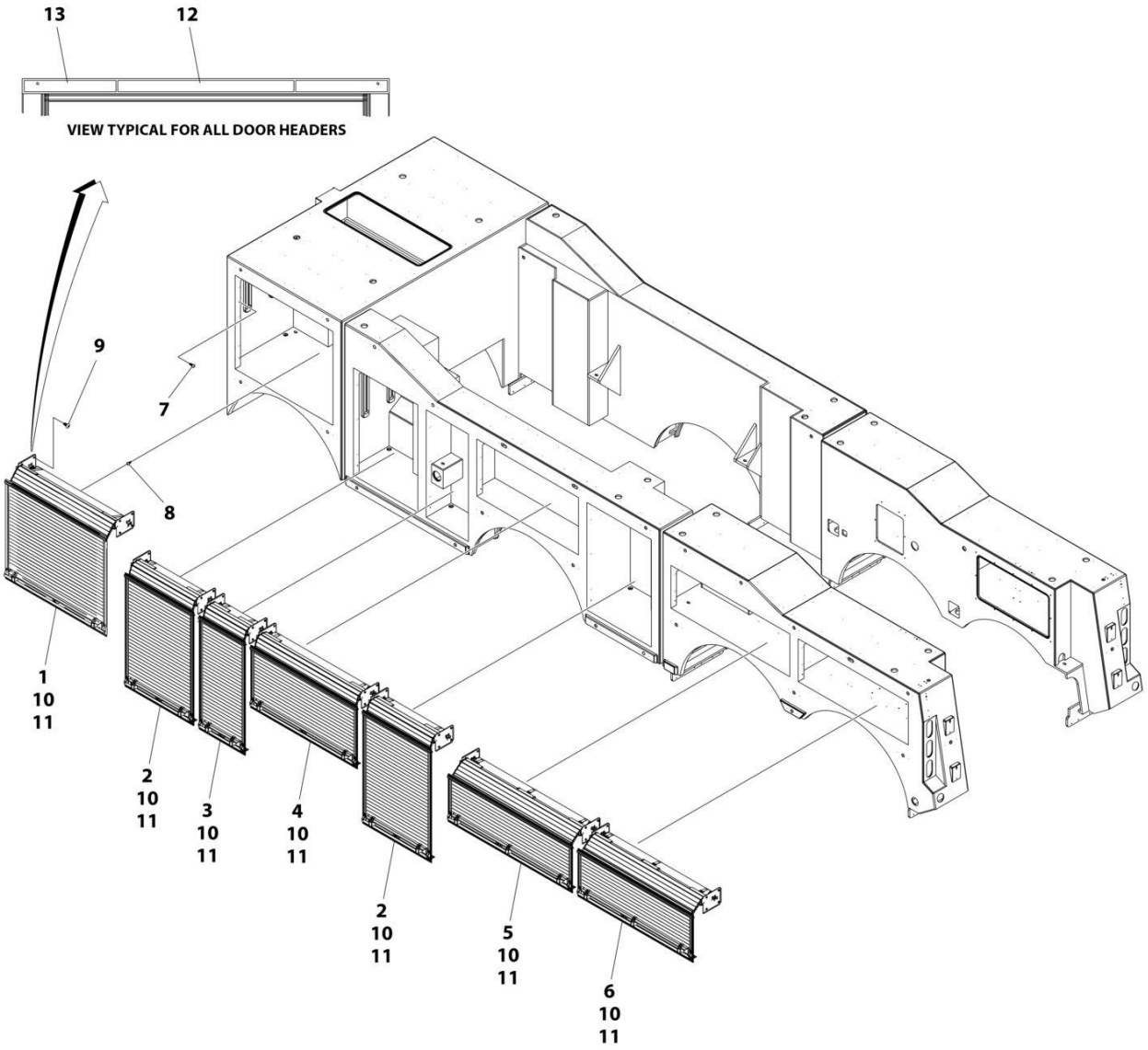


FIGURE 4-43. JFB BODY DOORS KIT - PAINTED - 5TS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228918	NLA	JFB BODY DOORS INSTALLATION - PAINTED - 5TS (No longer available, use items 1 through 13 for service or 1001263641 and 1001263649 for replacement)	B
1	1001228838	2	Door	
2	1001171669	4	Door	
3	1001171670	2	Door	
4	1001171671	2	Door	
5	1001171672	2	Door	
6	1001171673	2	Door	
7	1001166322	96	Screw #10 x 5/8	
8	1001172004	60	Screw #10 x 3/8	
9	1001176936	112	Screw #14 x 3/4	
10	8478040002	AR	Adhesive	
11	8798820001	AR	Sealant	
12	8892040001	AR	Tape	
13	7796000012	AR	Seal	

FIGURE 4-44. BRACE MID BODY INSTALLATION

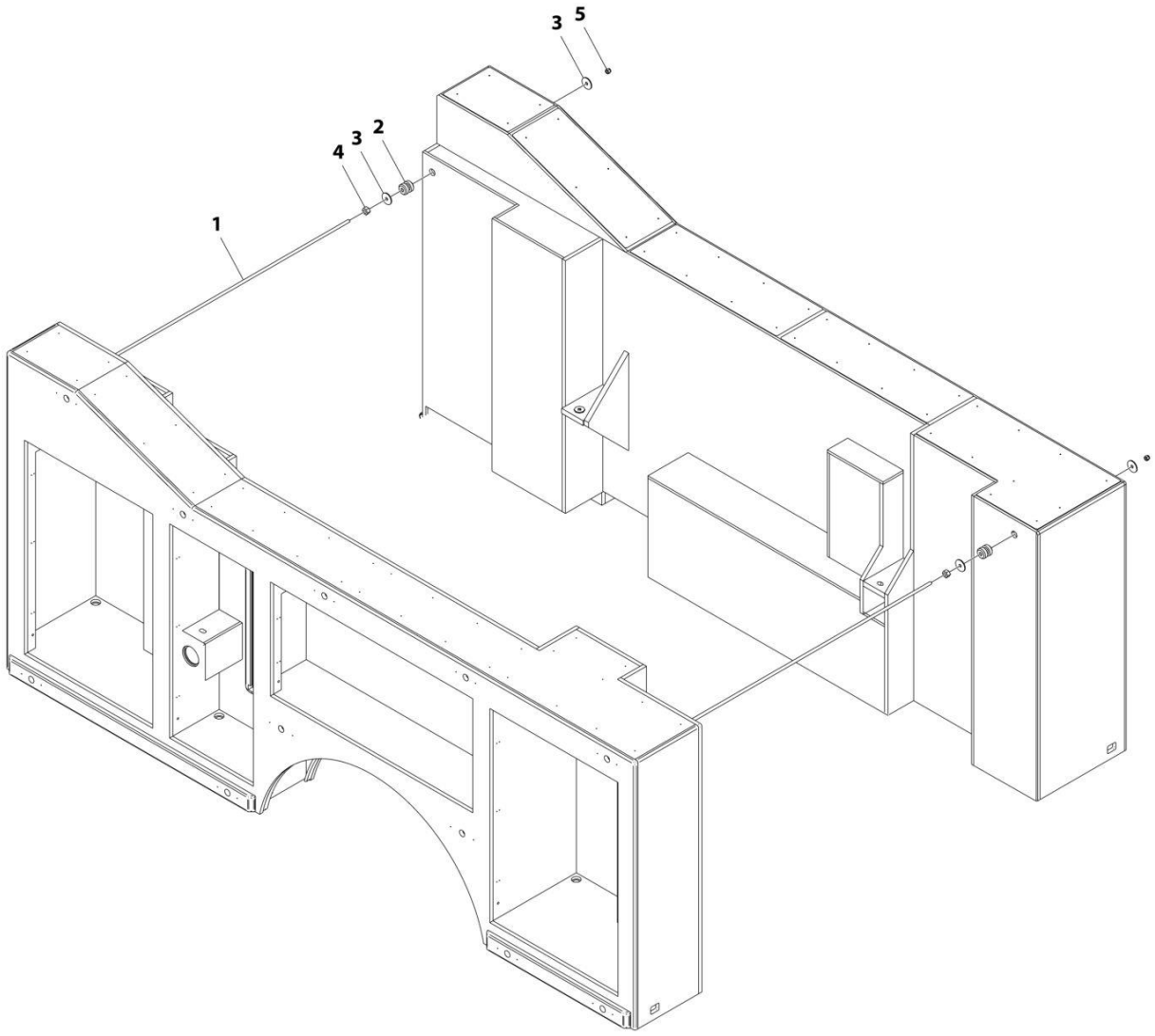


FIGURE 4-44. BRACE MID BODY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178303	Ref	Brace Mid Body Installation	A
1	1001178305	2	Rod	
2	1001178306	4	Mount	
3	1001138172	8	Washer	
4	7660180200	4	Nut 1/2	
5	7660182601	4	Nut 1/2	

FIGURE 4-45. BRACE MID BODY INSTALLATION - 5TS

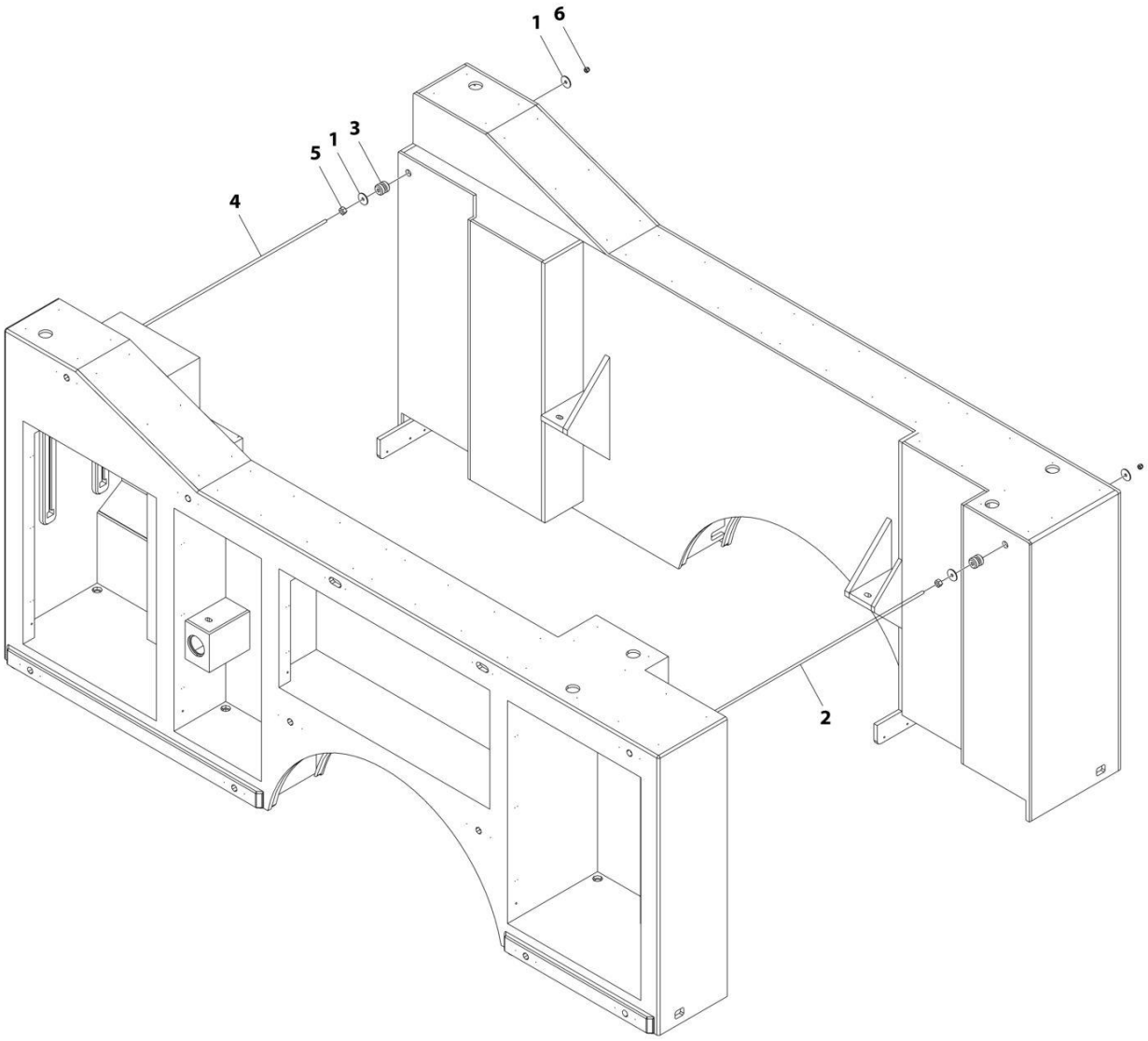


FIGURE 4-45. BRACE MID BODY INSTALLATION - 5TS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210053	Ref	Brace Mid Body Installation - 5TS	A
1	1001138172	8	Washer	
2	1001178305	1	Rod	
3	1001178306	4	Mount	
4	1001210059	1	Rod	
5	7660180200	4	Nut 1/2	
6	7660182601	4	Nut 1/2	

FIGURE 4-46. BODY LIFTING LUGS INSTALLATION

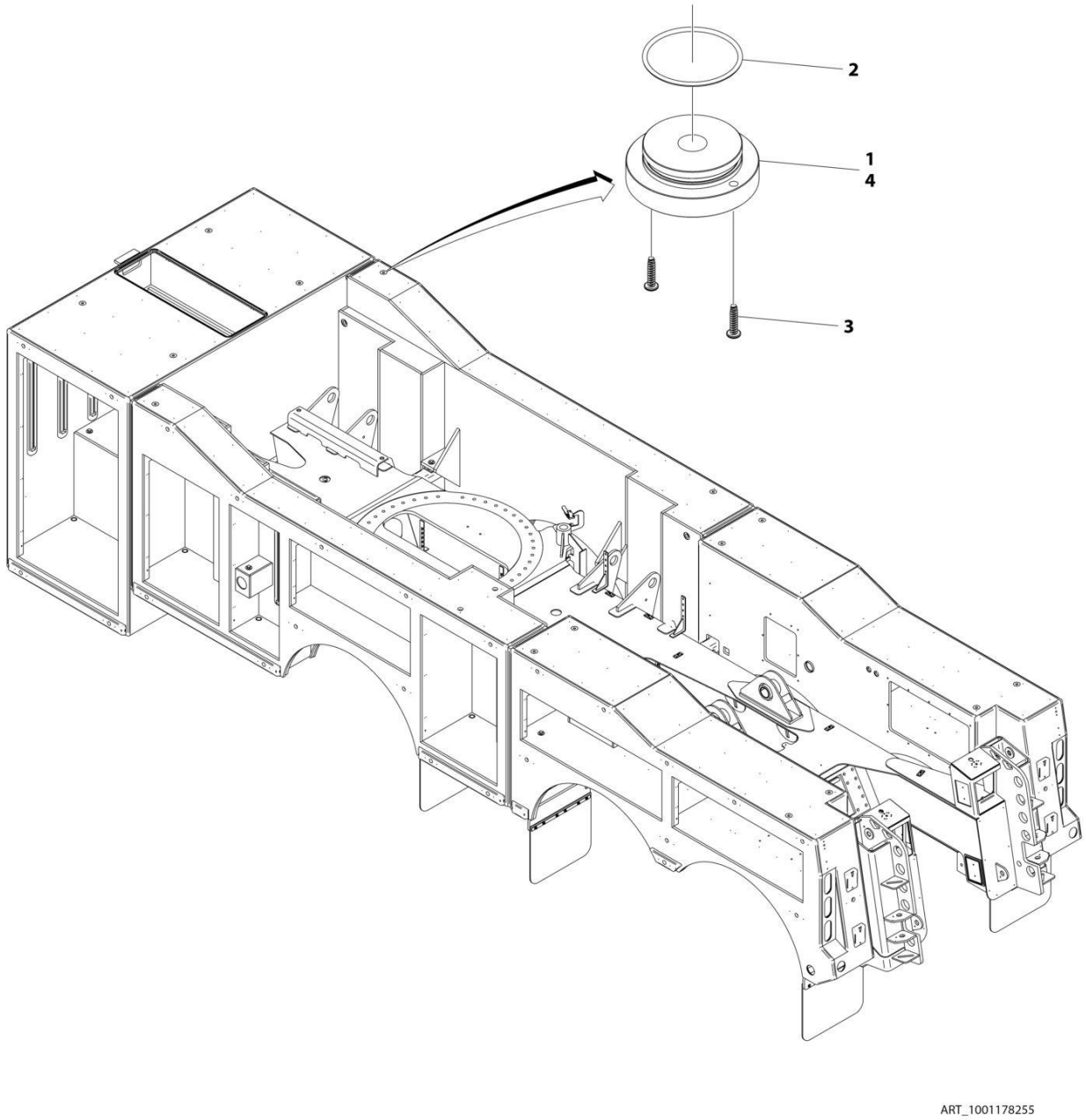


FIGURE 4-46. BODY LIFTING LUGS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178255	NLA	BODY LIFTING LUGS INSTALLATION (No longer available, use items 1 through 4 for service or 1001264742 and 1001196808 for replacement)	D
1	1001189283	18	Nut	
2	1001189321	18	O-Ring	
3	1001178261	36	Screw #10 x 1	
4	8798820001	AR	Sealant	

FIGURE 4-47. BODY LIFTING LUGS INSTALLATION

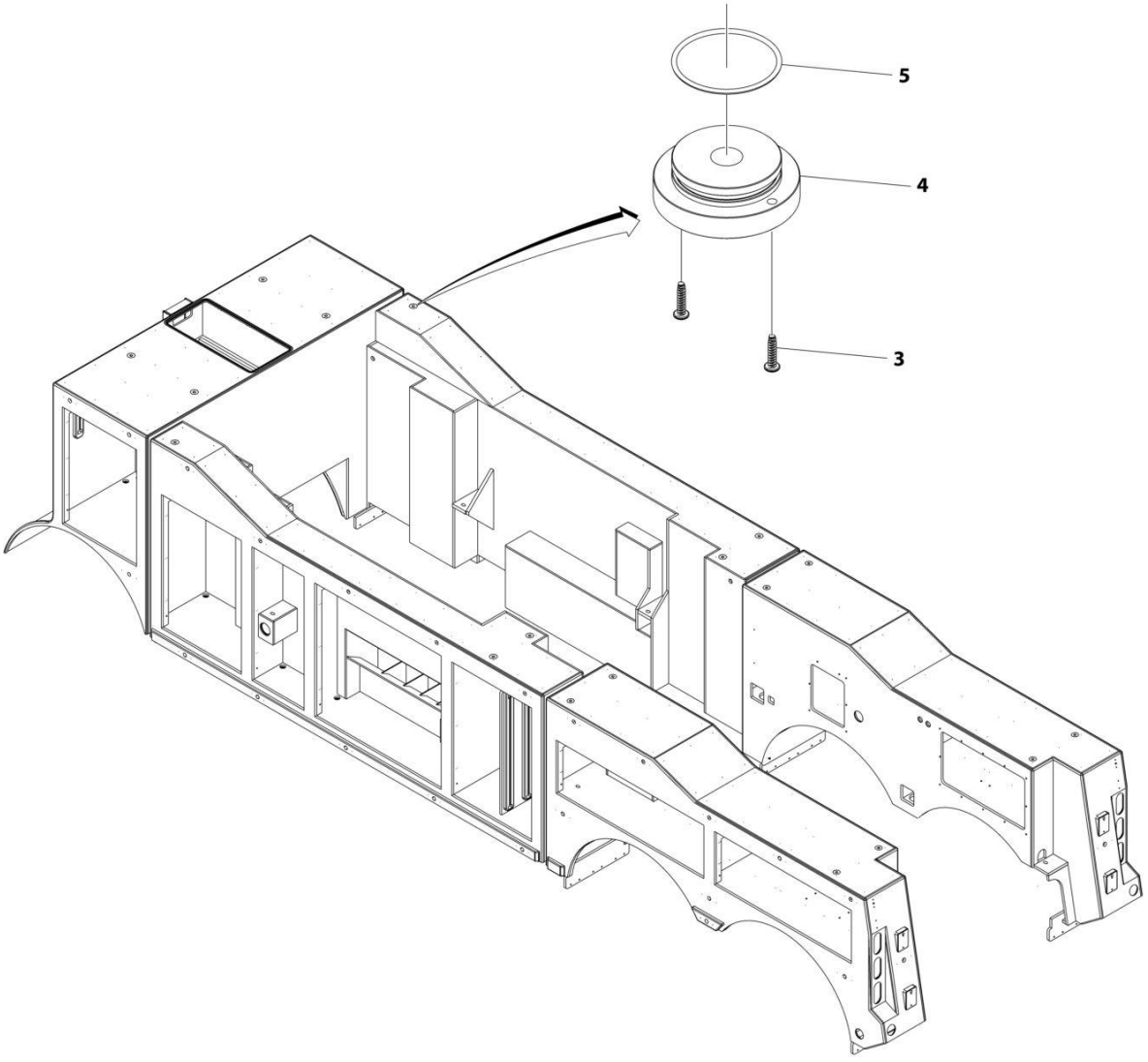


FIGURE 4-47. BODY LIFTING LUGS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183498	NLA	BODY LIFTING LUGS INSTALLATION (No longer available, use items 3 through 5 for service or 1001264742 and 1001196808 for replacement)	D
3	1001178261	36	Screw #10 x 1	
4	1001189283	18	Nut	
5	1001189321	18	O-Ring	

FIGURE 4-48. BODY LIFTING LUGS INSTALLATION

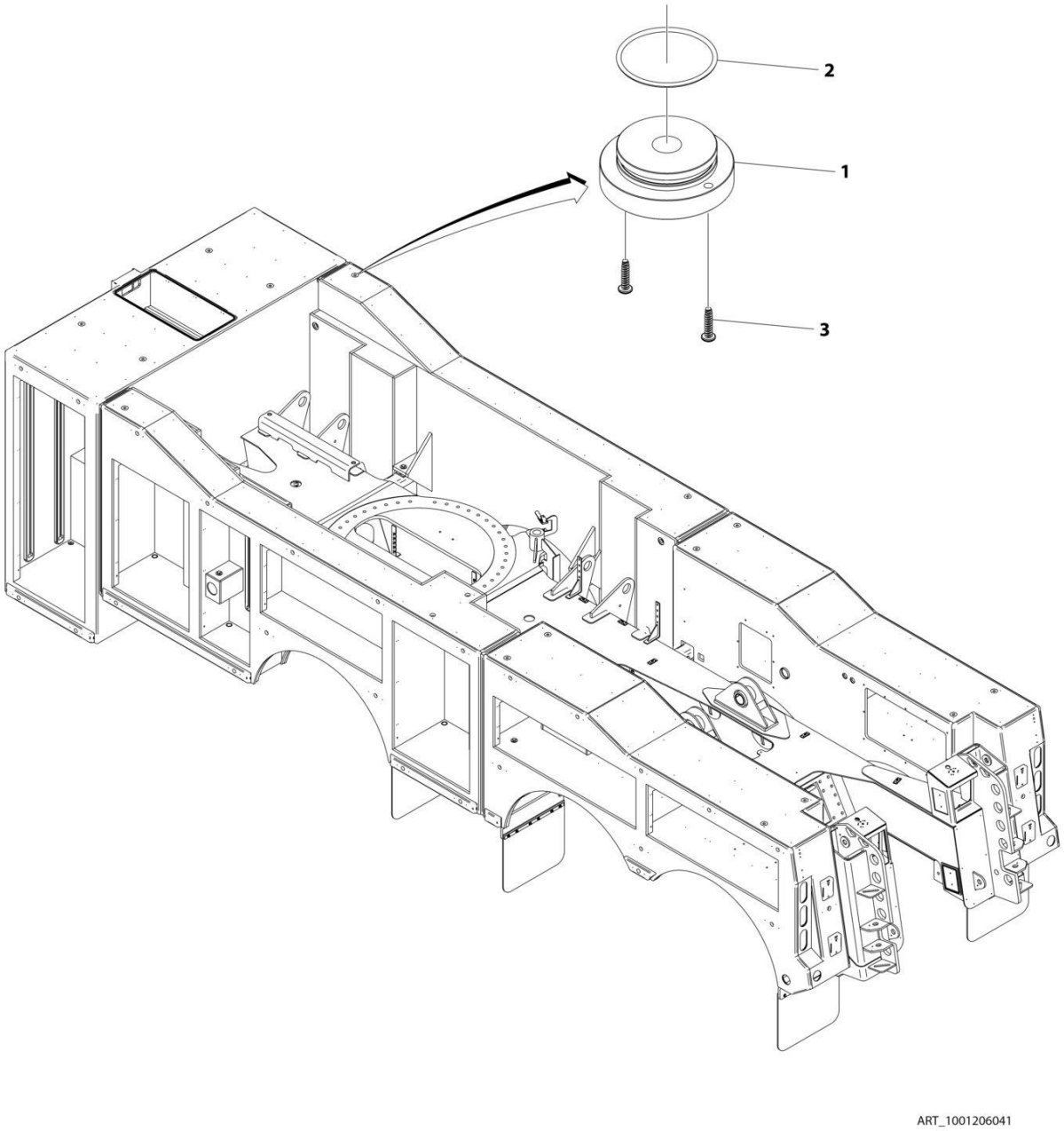


FIGURE 4-48. BODY LIFTING LUGS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206041	NLA	BODY LIFTING LUGS INSTALLATION (No longer available, use items 1 through 3 for service or 1001264742 and 1001196808 for replacement)	B
1	1001189283	18	Nut	
2	1001189321	18	O-Ring	
3	1001178261	36	Screw #10 x 1	

FIGURE 4-49. BODY LIFTING LUGS INSTALLATION

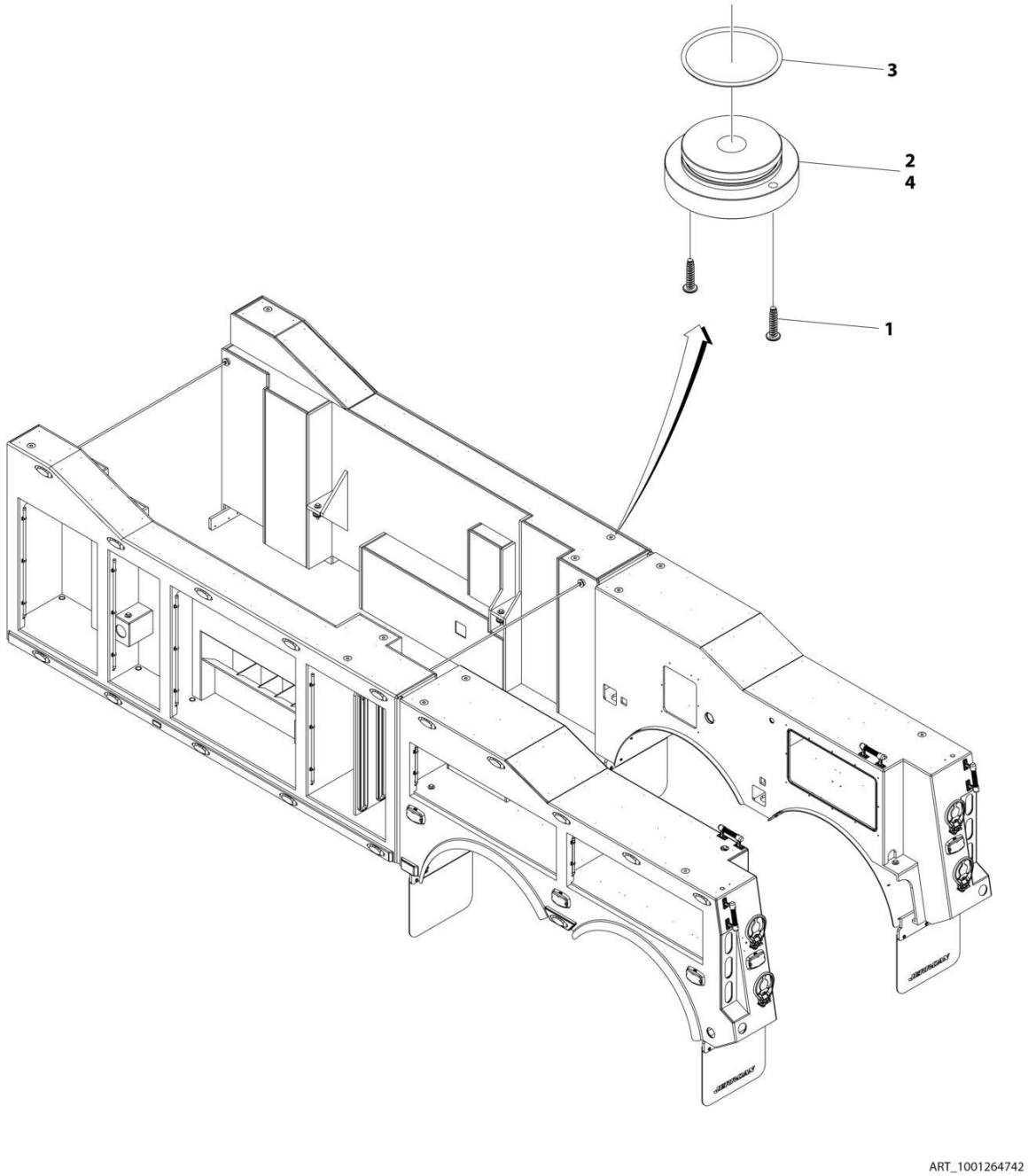


FIGURE 4-49. BODY LIFTING LUGS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001264742	Ref	BODY LIFTING LUGS INSTALLATION	A
1	1001196552	28	Screw #8 x 3/4	
2	1001189283	14	Nut	
3	1001189321	14	O-Ring	
4	8798820001	AR	Sealant	

FIGURE 4-50. BODY LIFTING LUGS INSTALLATION

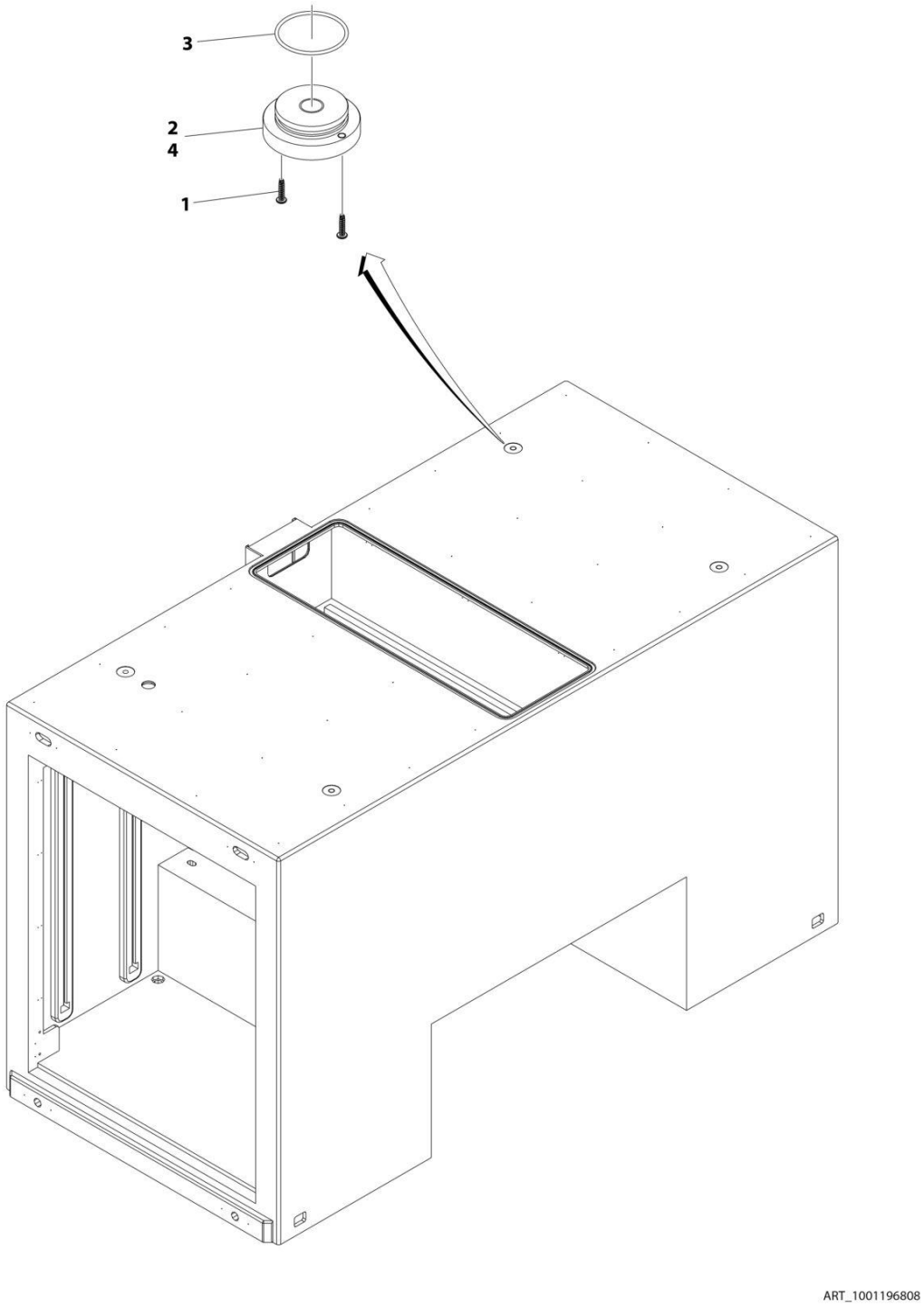


FIGURE 4-50. BODY LIFTING LUGS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196808	Ref	BODY LIFTING LUGS INSTALLATION	C
1	1001196552	8	Screw #8 x 3/4	
2	1001189283	4	Nut	
3	1001189321	4	O-Ring	
4	8798820001	AR	Sealant	

FIGURE 4-51. STEP INSTALLATION

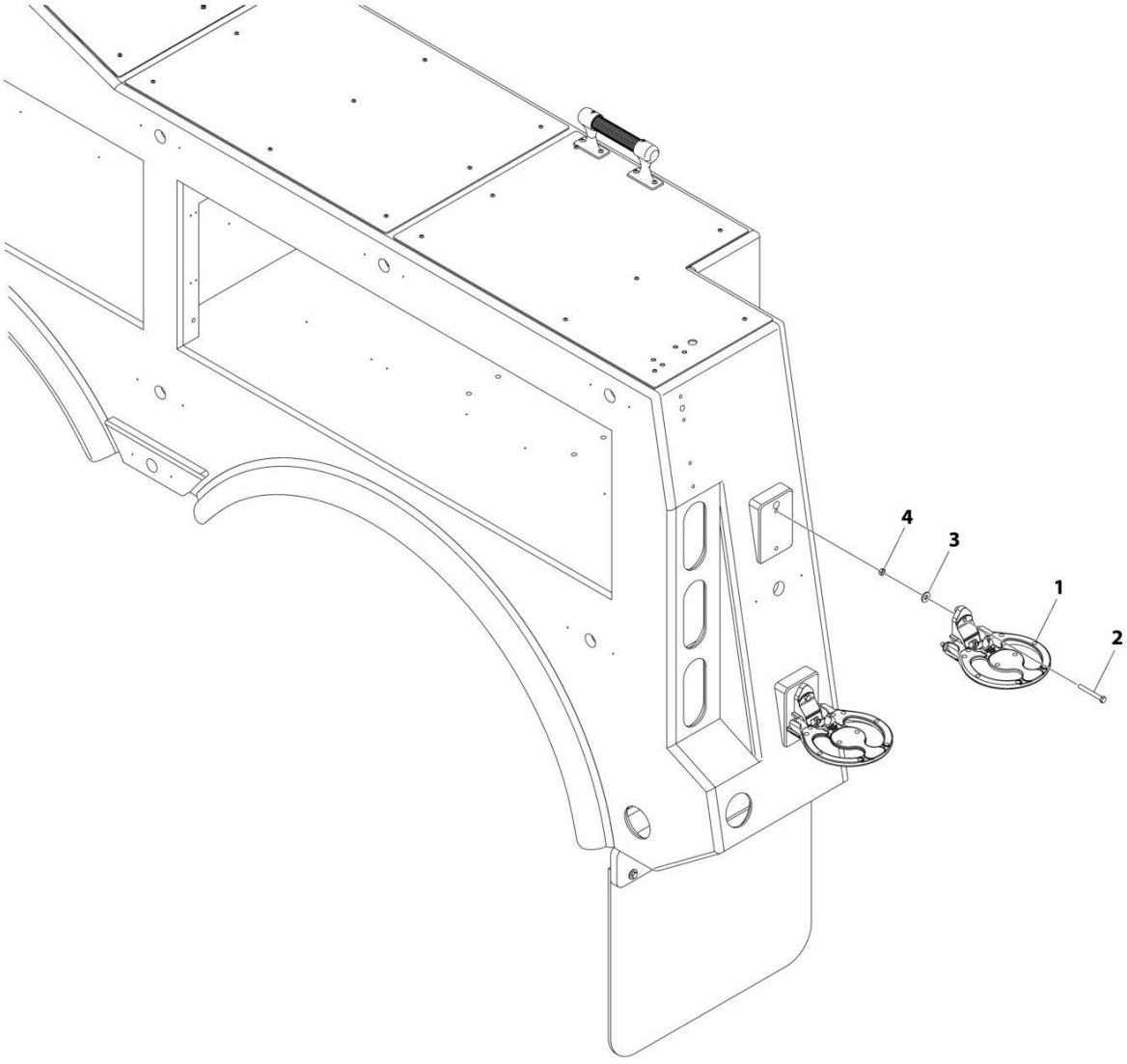


FIGURE 4-51. STEP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167454	Ref	Step Installation	C
1	1001167456	4	Step	
2	1001231751	8	Screw 5/16 x 2-3/4	
3	7950150153	8	Washer 5/16	
4	7660152601	8	Nut 5/16	

FIGURE 4-52. DIAMOND PLATE INSTALLATION - 39IN (Prior to SN 0230008542)

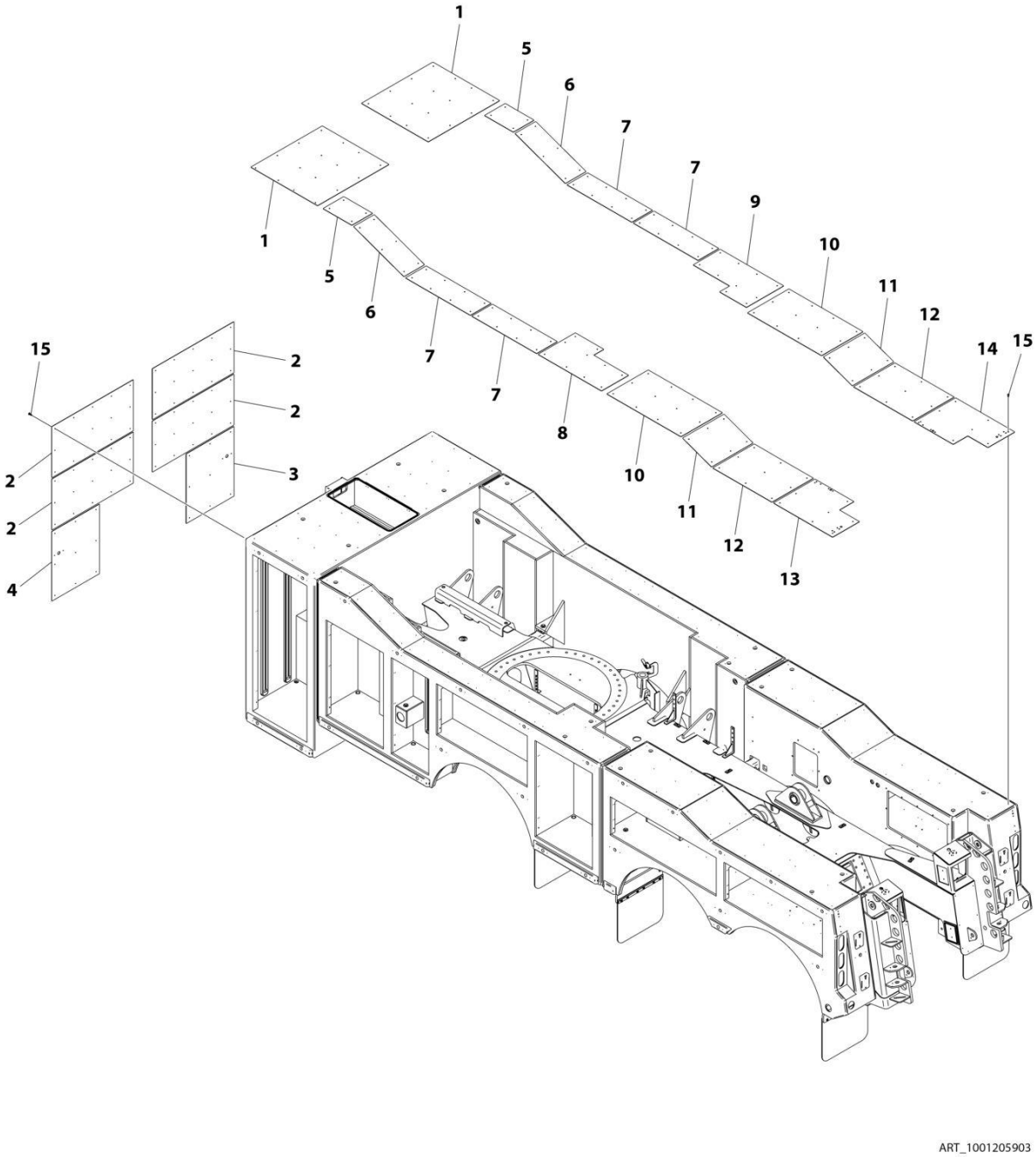


FIGURE 4-52. DIAMOND PLATE INSTALLATION - 39IN (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205903	Ref	DIAMOND PLATE INSTALLATION - 39IN	B
1	1001182657	2	Plate	
2	1001172127	4	Plate	
3	1001172120	1	Plate	
4	1001172121	1	Plate	
5	1001163428	2	Plate	
6	1001163446	2	Plate	
7	1001163447	4	Plate	
8	1001163453	1	Plate	
9	1001163454	1	Plate	
10	1001163615	2	Plate	
11	1001163626	2	Plate	
12	1001163628	2	Plate	
13	1001163629	1	Plate	
14	1001163630	1	Plate	
15	1001192958	250	Screw #10 x 1/2	

FIGURE 4-53. DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

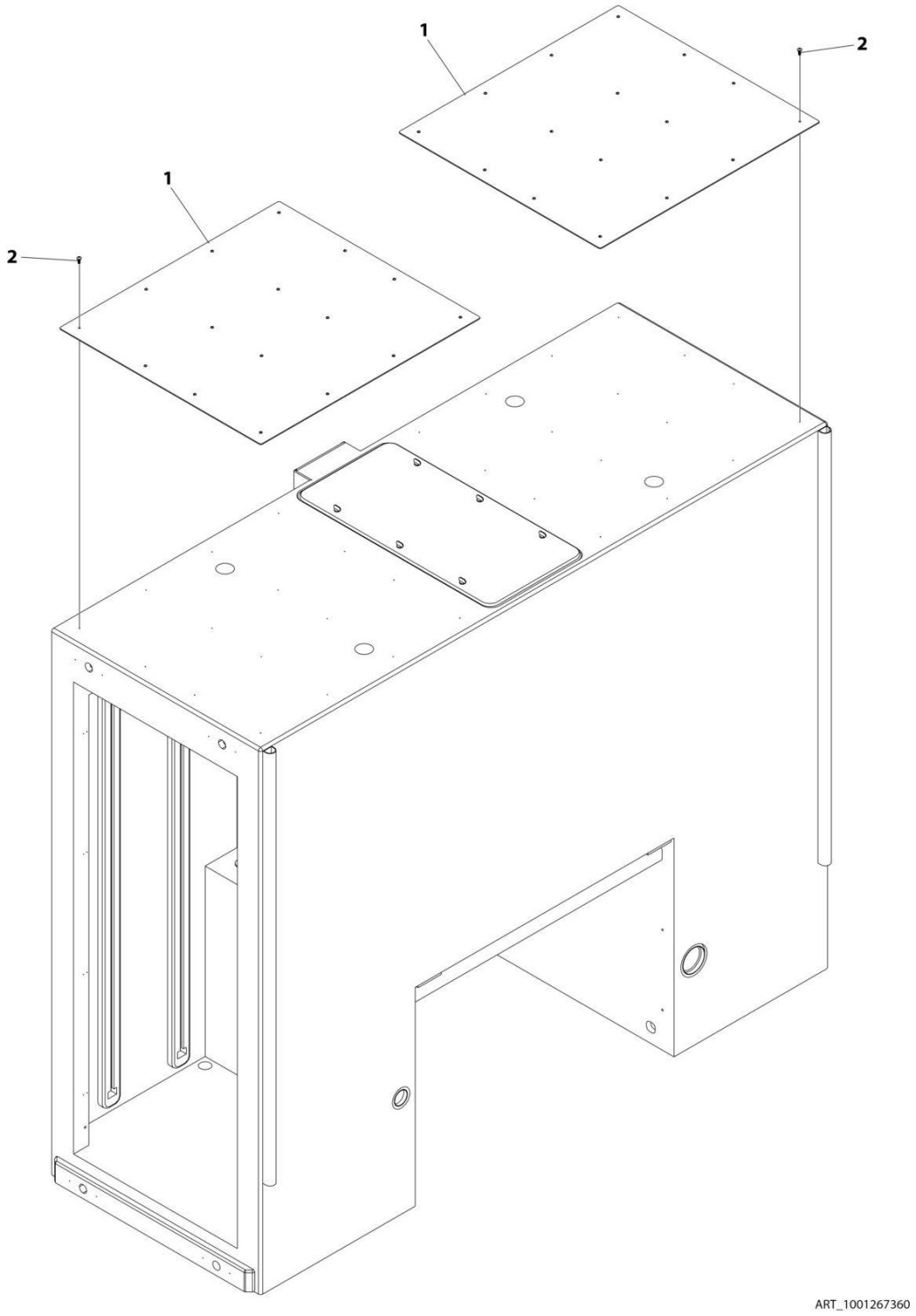


FIGURE 4-53. DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267360	Ref	DIAMOND PLATE INSTALLATION	A
1	1001182657	2	Plate	
2	1001192958	32	Screw #10 x 1/2	

FIGURE 4-54. DIAMOND PLATE INSTALLATION - 51IN (Prior to SN 0230008542)

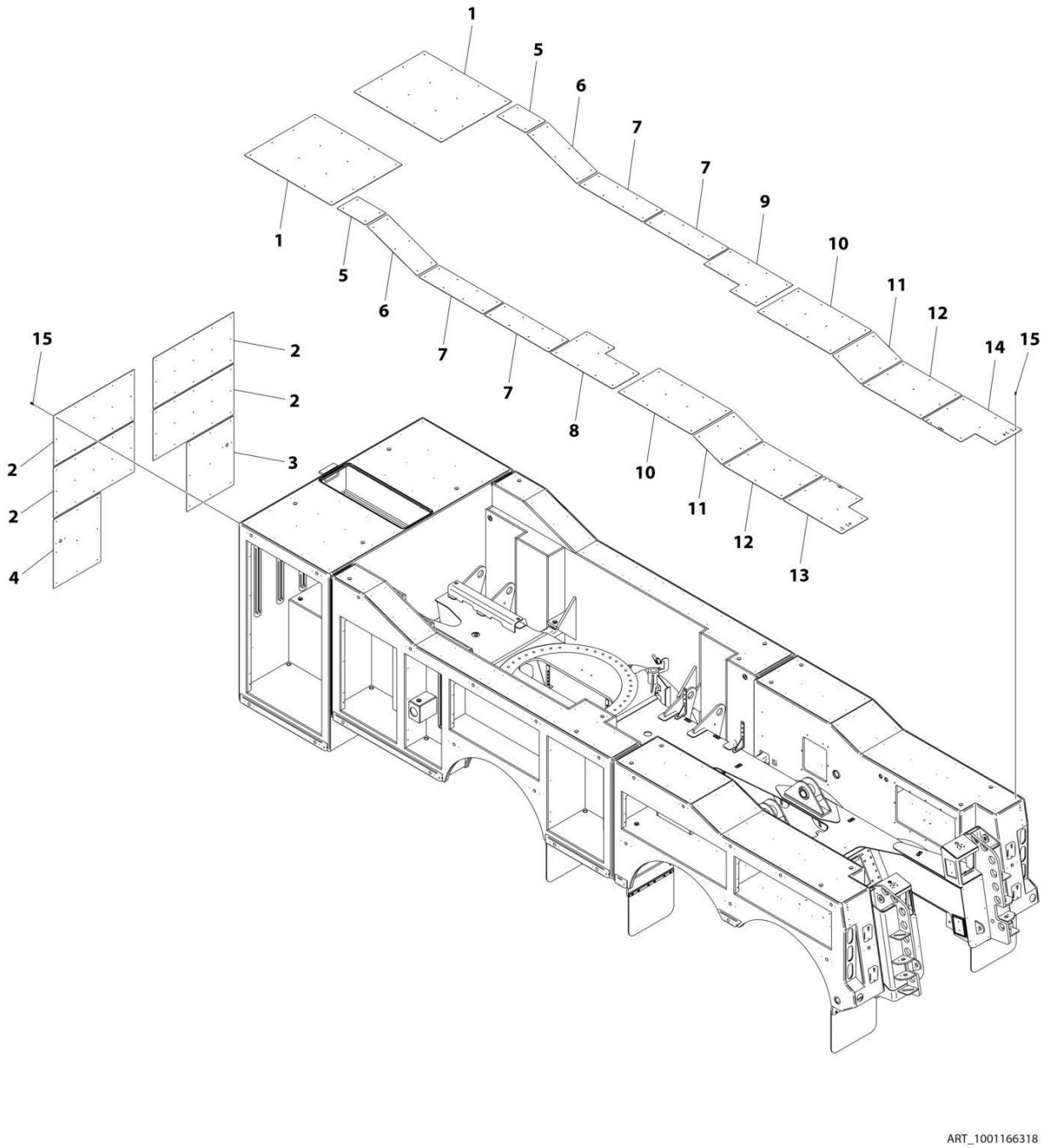


FIGURE 4-54. DIAMOND PLATE INSTALLATION - 51IN (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166318	Ref	DIAMOND PLATE INSTALLATION - 51IN	D
1	1001163396	2	Plate	
2	1001172127	4	Plate	
3	1001172120	1	Plate	
4	1001172121	1	Plate	
5	1001163428	2	Plate	
6	1001163446	2	Plate	
7	1001163447	4	Plate	
8	1001163453	1	Plate	
9	1001163454	1	Plate	
10	1001163615	2	Plate	
11	1001163626	2	Plate	
12	1001163628	2	Plate	
13	1001163629	1	Plate	
14	1001163630	1	Plate	
15	1001192958	250	Screw #10 x 1/2	

FIGURE 4-55. REAR AND MID DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

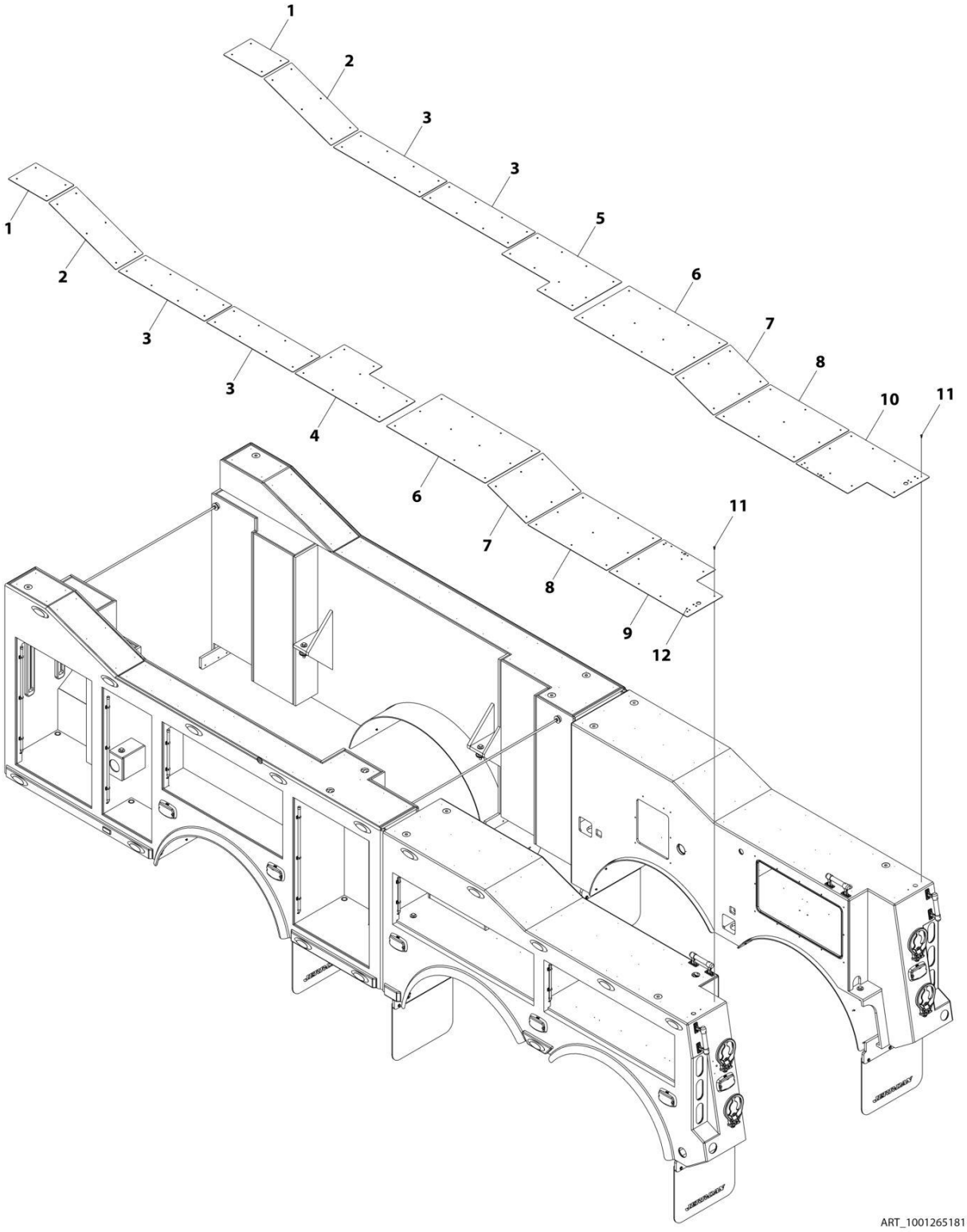


FIGURE 4-55. REAR AND MID DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265181	Ref	REAR AND MID DIAMOND PLATE INSTALLATION	A
1	1001163428	2	Plate	
2	1001163446	2	Plate	
3	1001163447	4	Plate	
4	1001163453	1	Plate	
5	1001163454	1	Plate	
6	1001163615	2	Plate	
7	1001163626	2	Plate	
8	1001163628	2	Plate	
9	1001163629	1	Plate	
10	1001163630	1	Plate	
11	1001192958	142	Screw #10 x 1/2	
12	8798820001	AR	Sealant	

FIGURE 4-56. DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

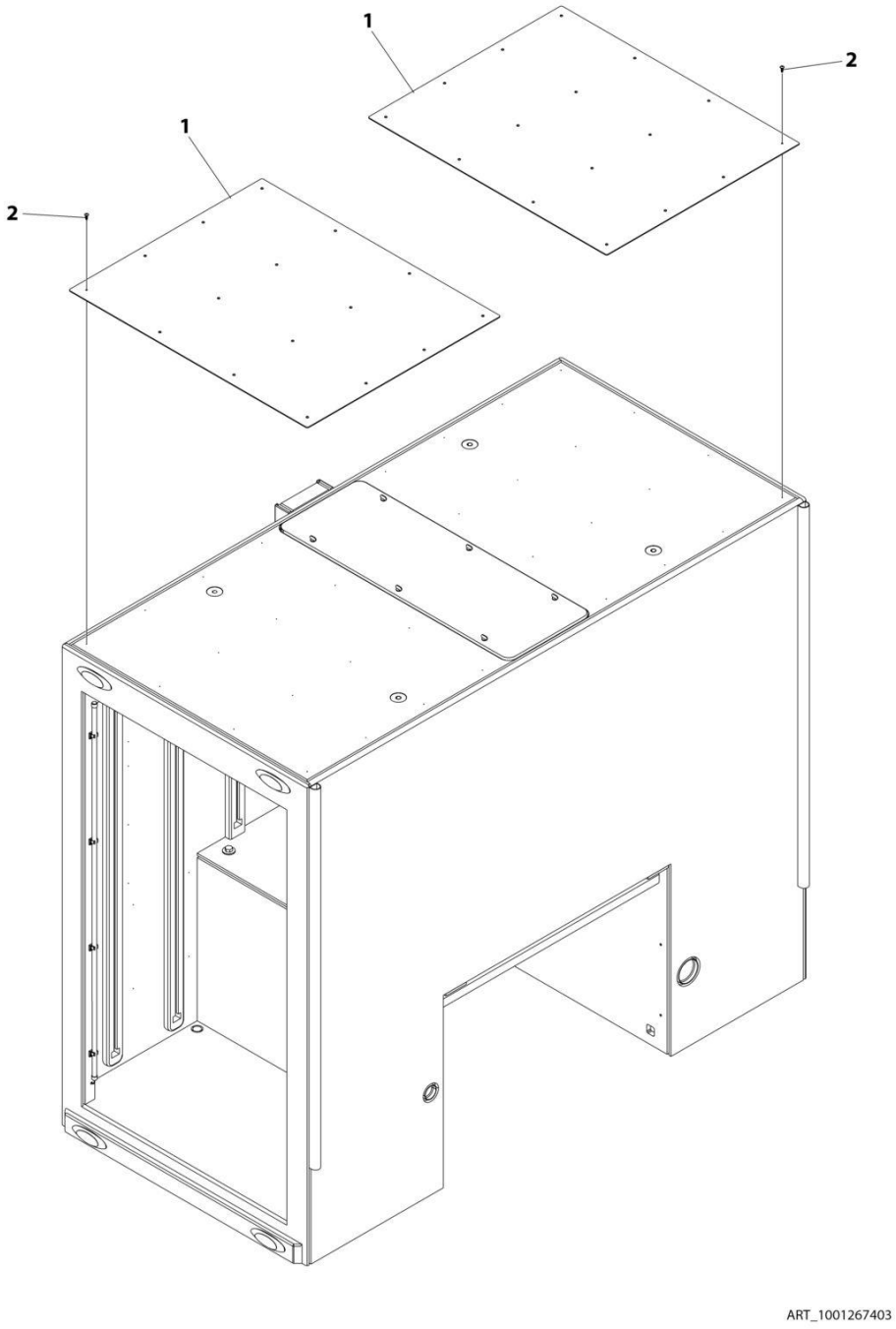


FIGURE 4-56. DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267403	Ref	DIAMOND PLATE INSTALLATION	A
1	1001163396	2	Plate	
2	1001192958	32	Screw #10 x 1/2	

FIGURE 4-57. FRONT DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

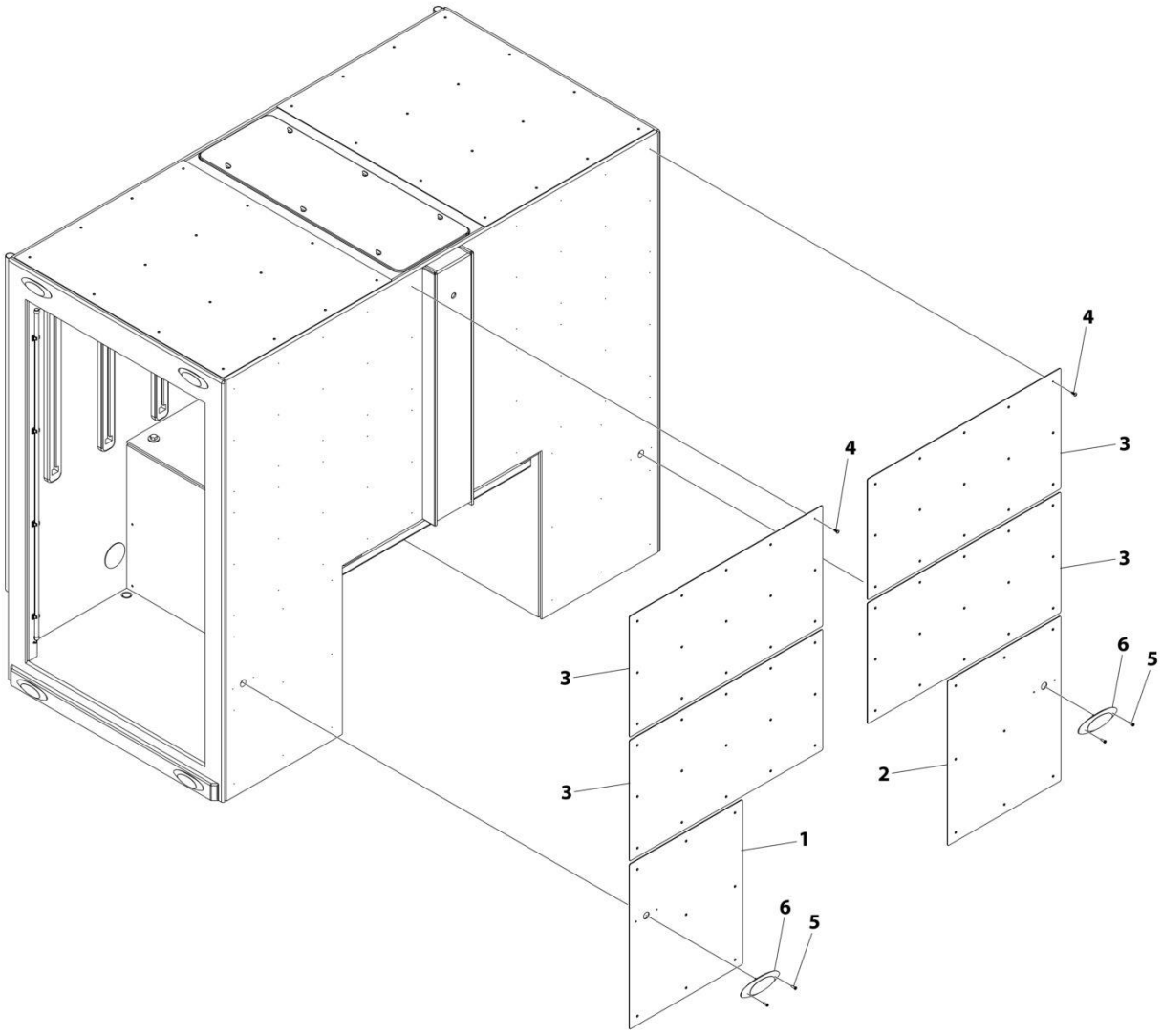


FIGURE 4-57. FRONT DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269886	Ref	FRONT DIAMOND PLATE INSTALLATION	A
1	1001172120	1	Plate	
2	1001172121	1	Plate	
3	1001172127	4	Plate	
4	1001192958	76	Screw #10 x 1/2	
5	1001166322	4	Screw #10 x 5/8	
6	7590000358	2	Light, Amber	

FIGURE 4-58. DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

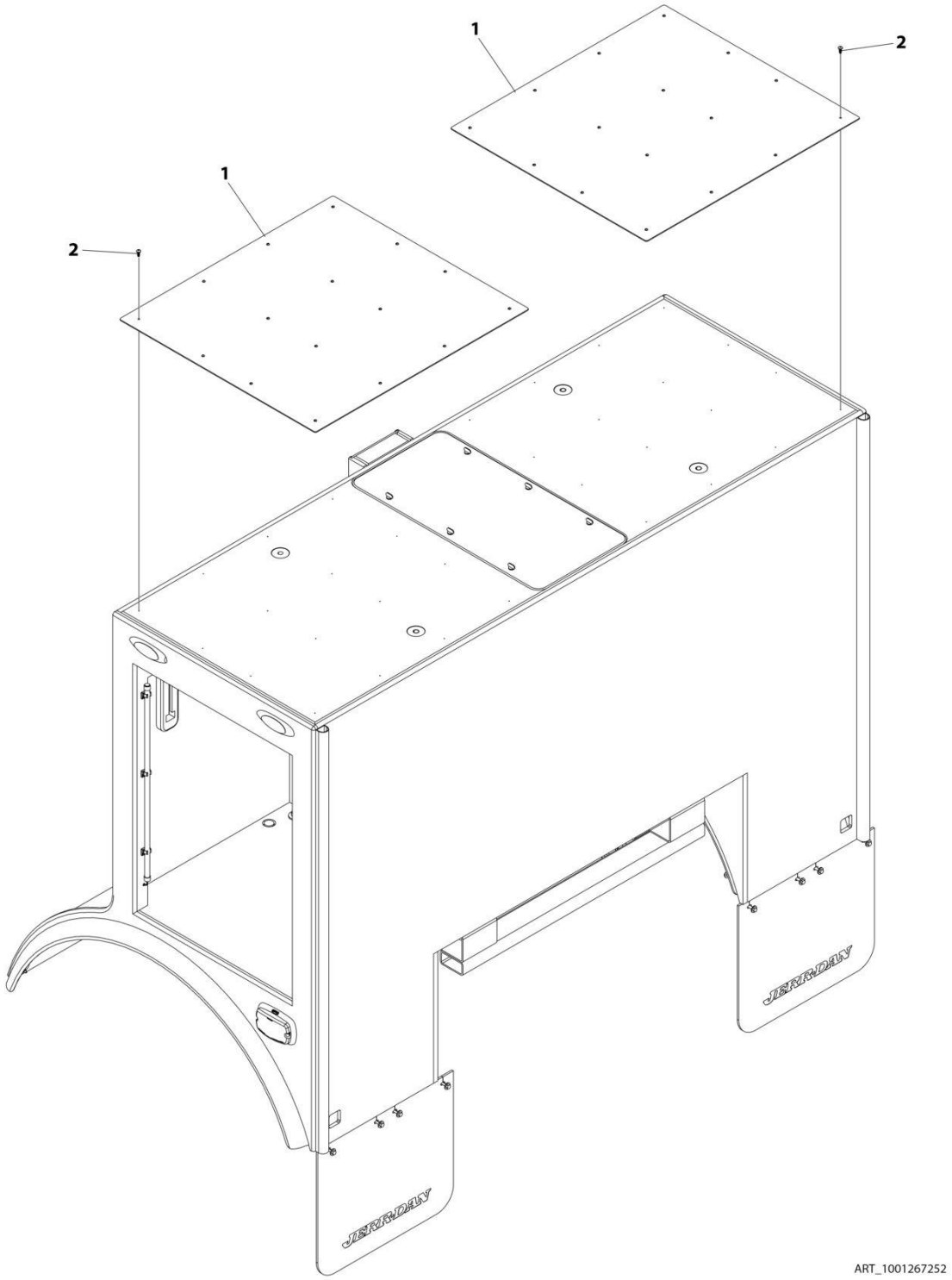


FIGURE 4-58. DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267252	Ref	DIAMOND PLATE INSTALLATION	A
1	1001182657	2	Plate	
2	1001192958	32	Screw #10 x 1/2	

FIGURE 4-59. FRONT DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

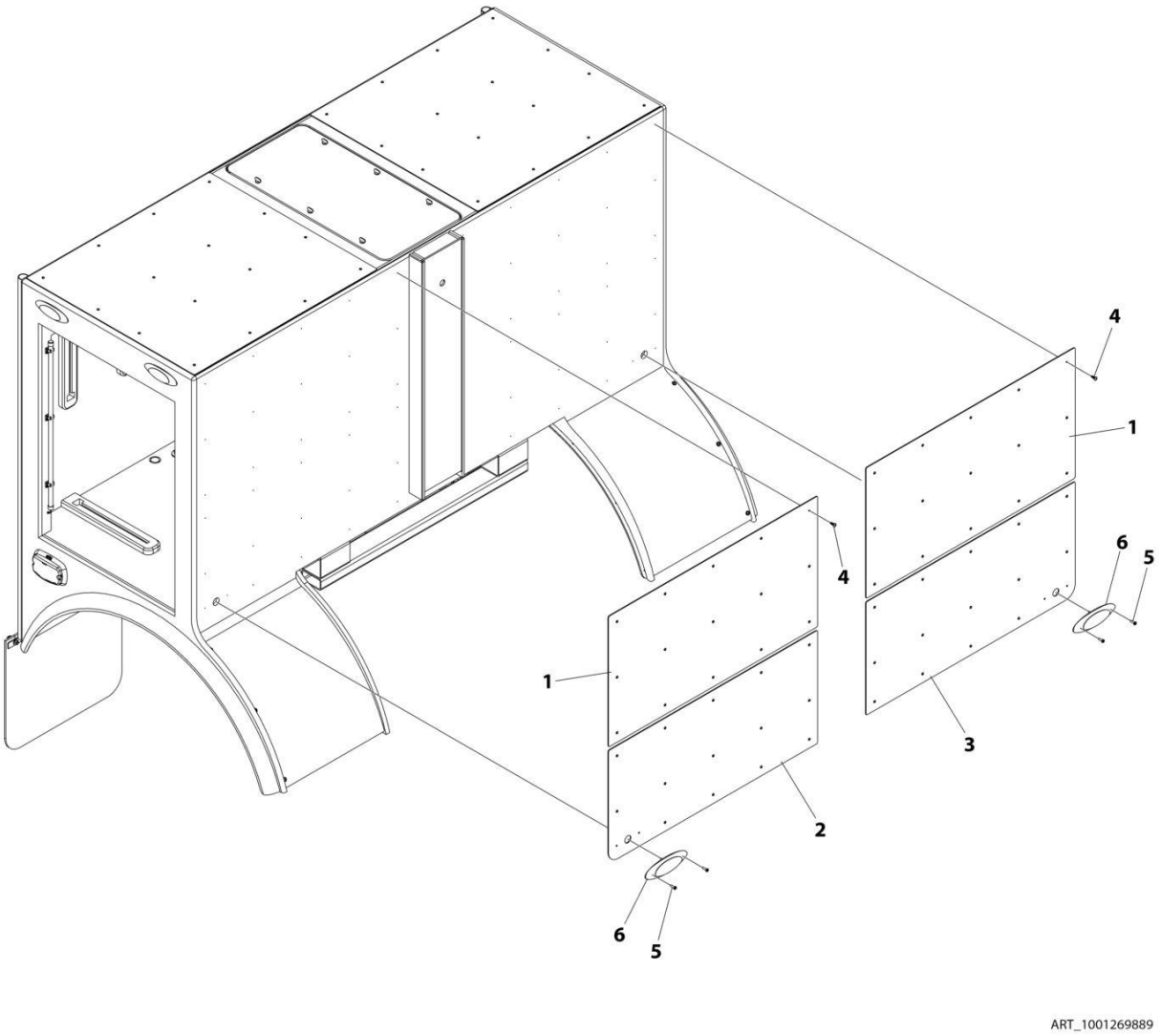


FIGURE 4-59. FRONT DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269889	Ref	FRONT DIAMOND PLATE INSTALLATION	A
1	1001172127	2	Plate	
2	1001193583	1	Plate	
3	1001193584	1	Plate	
4	1001192958	58	Screw #10 x 1/2	
5	1001166322	4	Screw #10 x 5/8	
6	7590000358	2	Light, Amber	

FIGURE 4-60. FRONT DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

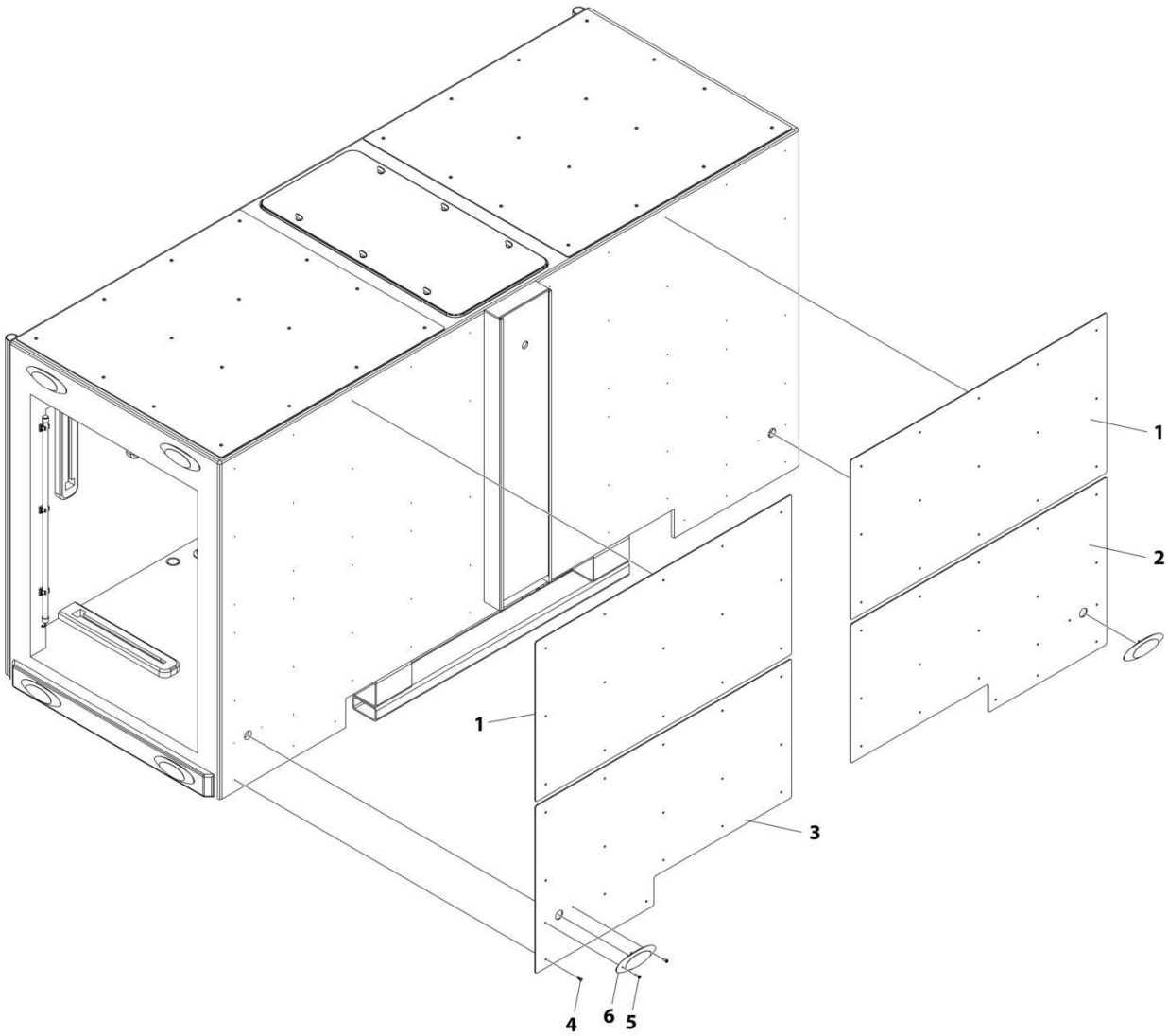


FIGURE 4-60. FRONT DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269892	Ref	FRONT DIAMOND PLATE INSTALLATION	A
1	1001172127	2	Plate	
2	1001231969	1	Plate	
3	1001231970	1	Plate	
4	1001192958	64	Screw #10 x 1/2	
5	1001166322	4	Screw #10 x 5/8	
6	7590000358	2	Light, Amber	

FIGURE 4-61. DIAMOND PLATE INSTALLATION (Prior to SN 0230008542)

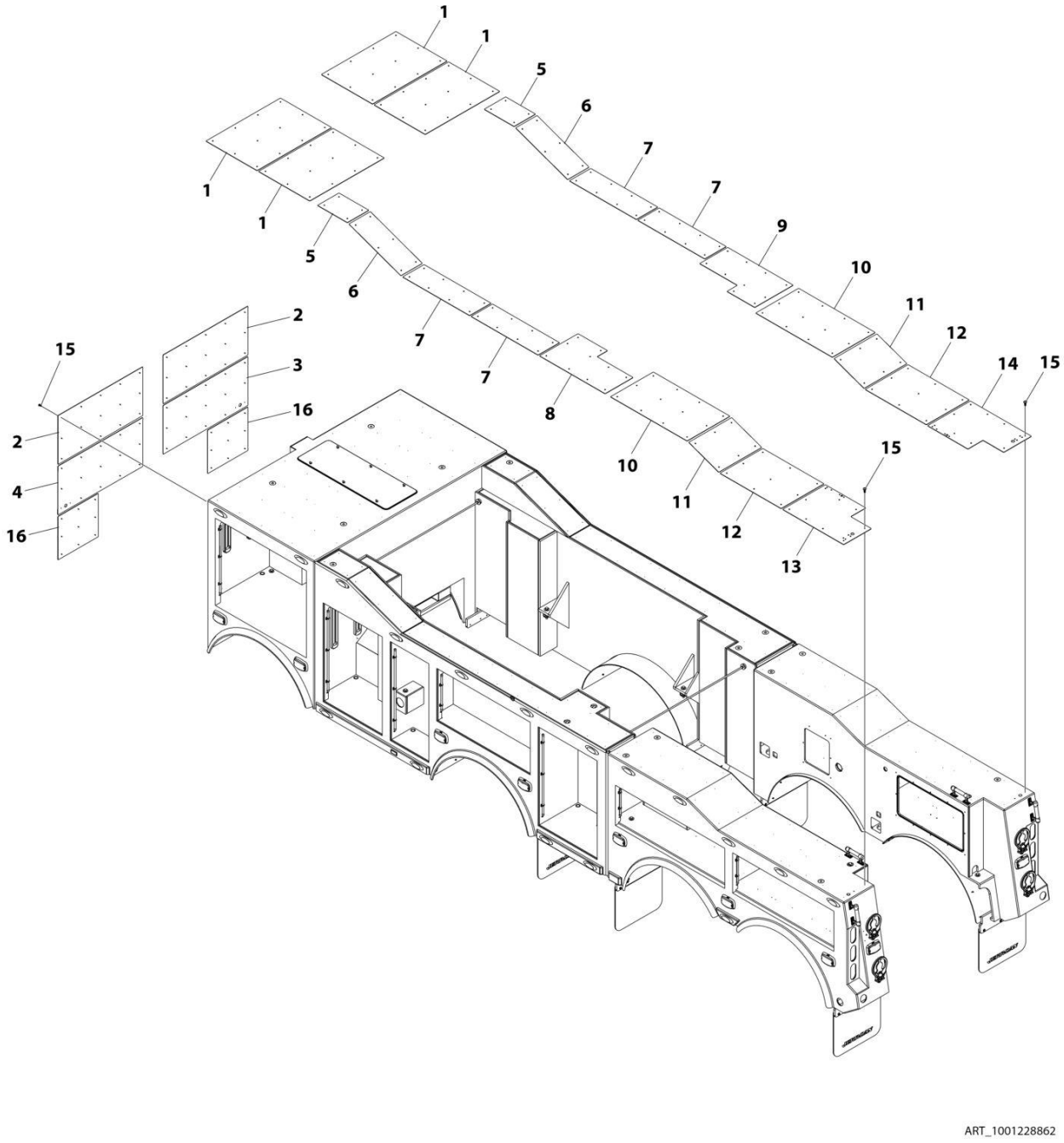


FIGURE 4-61. DIAMOND PLATE INSTALLATION (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228862	Ref	DIAMOND PLATE INSTALLATION	B
1	1001228768	4	Plate	
2	1001270332	2	Plate	
3	1001270330	1	Plate	
4	1001270331	1	Plate	
5	1001163428	2	Plate	
6	1001163446	2	Plate	
7	1001163447	4	Plate	
8	1001163453	1	Plate	
9	1001163454	1	Plate	
10	1001163615	2	Plate	
11	1001163626	2	Plate	
12	1001163628	2	Plate	
13	1001163629	1	Plate	
14	1001163630	1	Plate	
15	1001192958	266	Screw #10 x 1/2	
16	1001270329	2	Plate	

FIGURE 4-62. DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

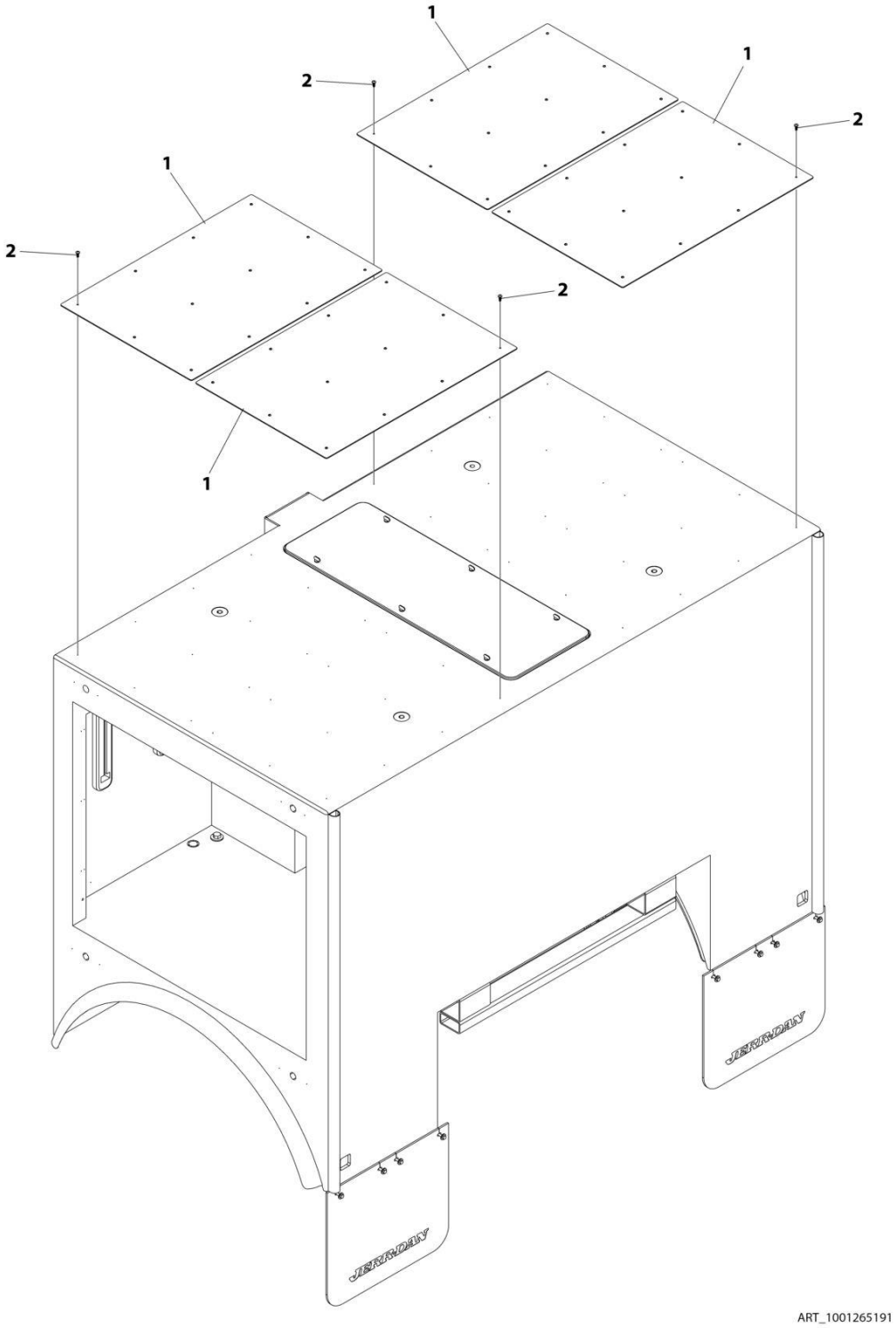


FIGURE 4-62. DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265191	Ref	DIAMOND PLATE INSTALLATION	A
1	1001228768	4	Plate	
2	1001192958	48	Screw #10 x 1/2	

FIGURE 4-63. FRONT DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

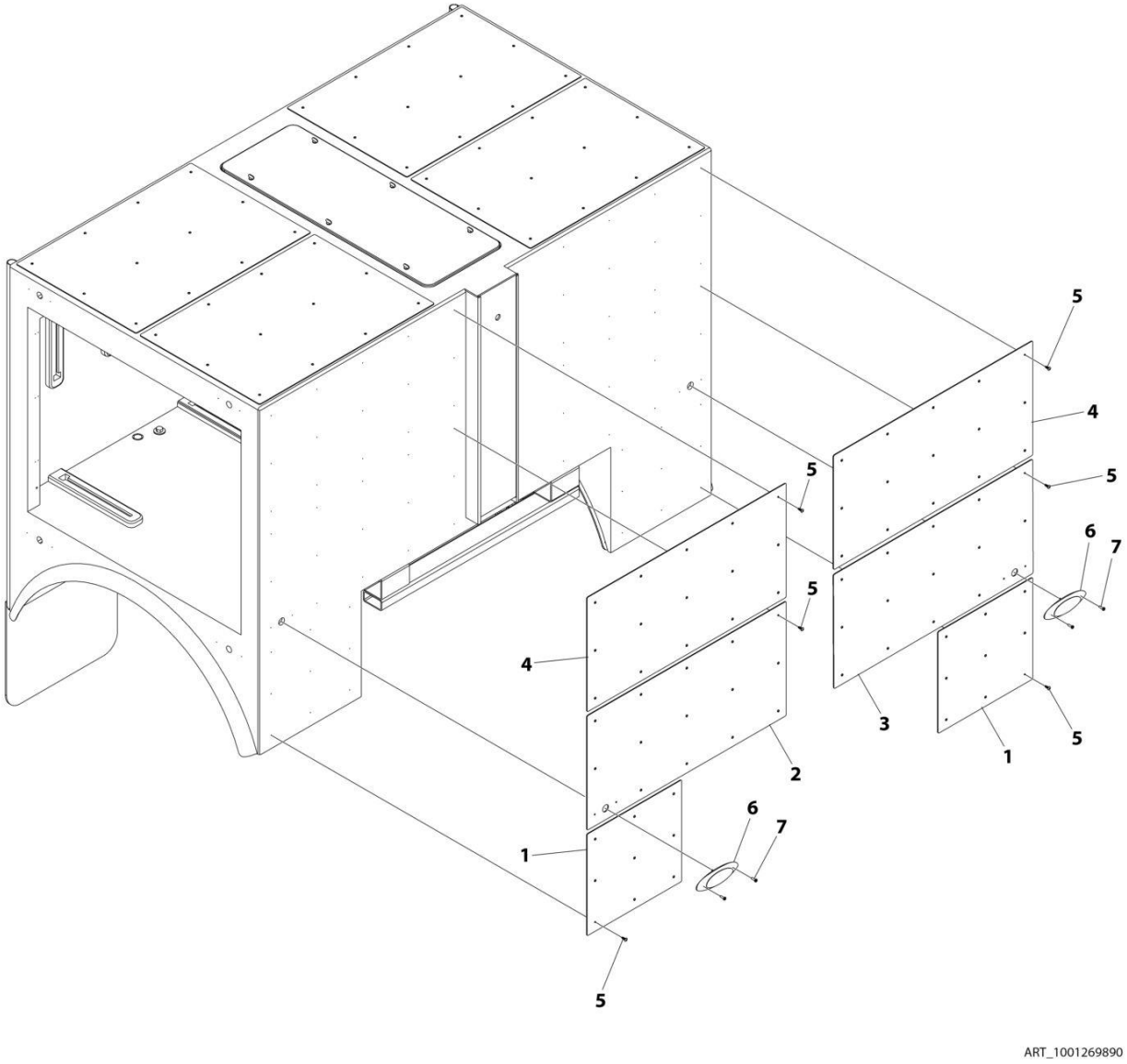


FIGURE 4-63. FRONT DIAMOND PLATE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001269890	Ref	FRONT DIAMOND PLATE INSTALLATION	A
1	1001270329	2	Plate	
2	1001270330	1	Plate	
3	1001270331	1	Plate	
4	1001270332	2	Plate	
5	1001192958	76	Screw #10 x 1/2	
6	7590000358	2	Light, Amber	
7	1001166322	4	Screw #10 x 5/8	

FIGURE 4-64. RUBRAIL TRIM 39IN TNL INSTALLATION

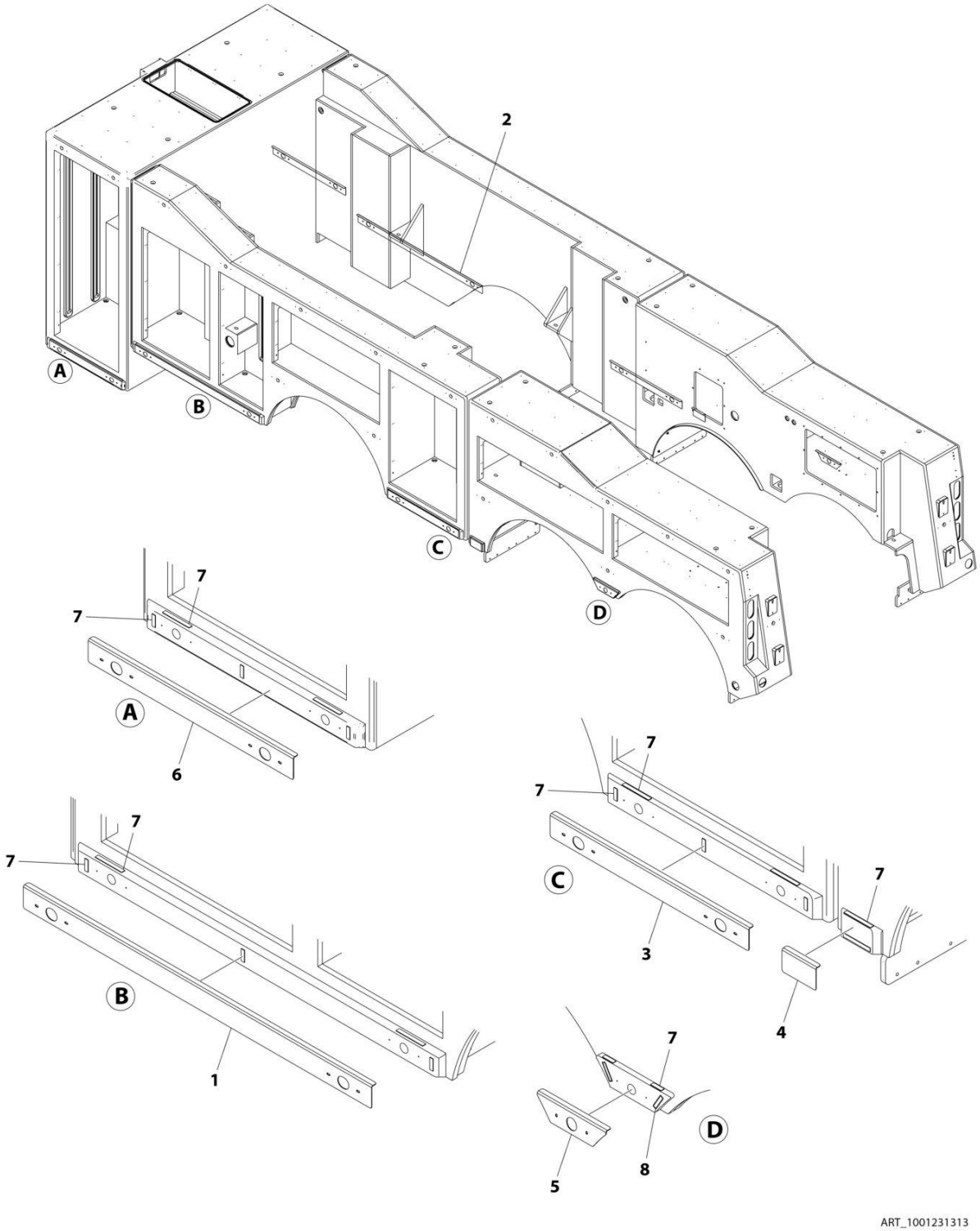


FIGURE 4-64. RUBRAIL TRIM 39IN TNL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231313	NLA	RUBRAIL TRIM 39IN TNL INSTALLATION (No longer available, use items 1 through 8 for service or 1001263633 and 1001234549 for replacement)	B
1	1001230961	1	Angle, Mid Body RR Trim LH Front	
2	1001230962	1	Angle, Mid Body RR Trim RH Front	
3	1001230963	2	Angle, Mid Body RR Trim Rear	
4	1001230965	2	Angle, Rear Body RR Trim Front	
5	1001230966	2	Angle, Rear Body RR Trim Tdm	
6	1001230977	2	Angle, 39IN	
7	1001230987	8 ft	Tape	
8	7796000012	4.75 ft	Seal	

FIGURE 4-65. RUBRAIL ROTATOR WITH AXLE INSTALLATION

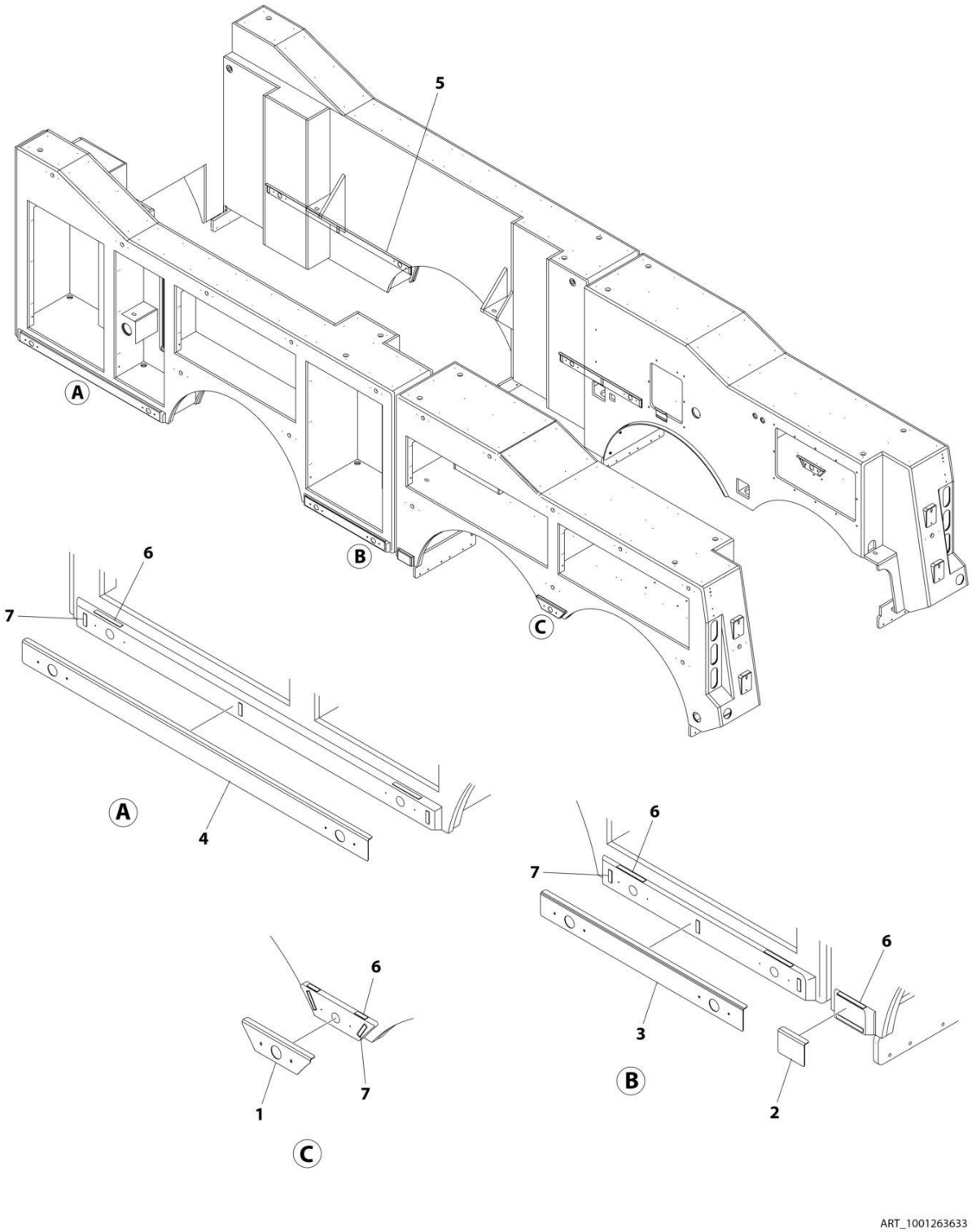


FIGURE 4-65. RUBRAIL ROTATOR WITH AXLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263633	NLA	RUBRAIL ROTATOR WITH AXLE INSTALLATION (No longer available, use items 1 through 7 for service or 1001231299 for replacement)	A
1	1001230966	2	Angle, Rear Body RR Trim Tdm	
2	1001230965	2	Angle, Rear Body RR Trim Front	
3	1001230963	2	Angle, Mid Body RR Trim Rear	
4	1001230961	1	Angle, Mid Body RR Trim LH Front	
5	1001230962	1	Angle, Mid Body RR Trim RH Front	
6	1001230987	6 ft	Tape	
7	7796000012	3.5 ft	Seal	

FIGURE 4-66. RUBRAIL TRIM 5 AXLE INSTALLATION

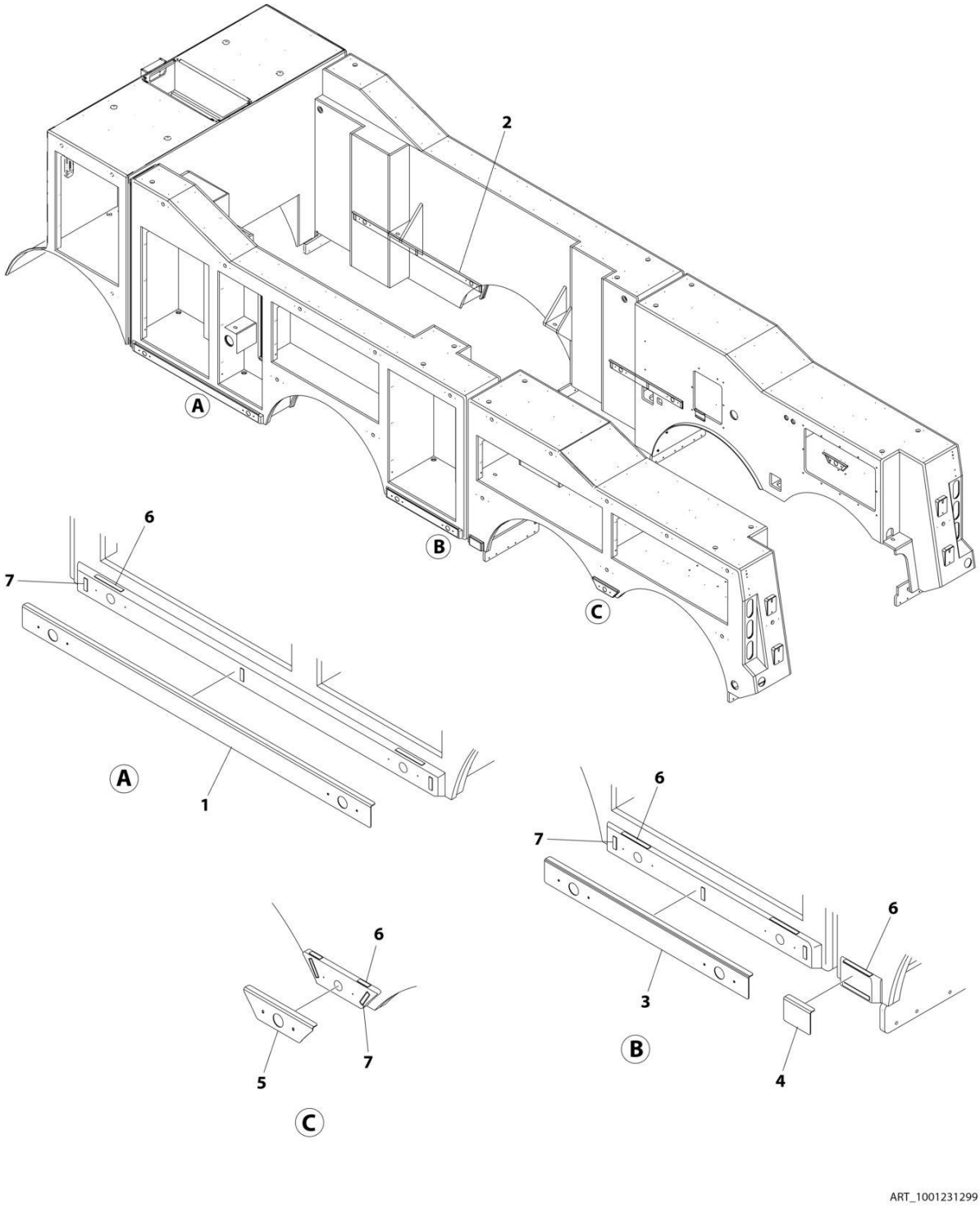


FIGURE 4-66. RUBRAIL TRIM 5 AXLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231299	Ref	RUBRAIL TRIM 5 AXLE INSTALLATION	B
1	1001230961	1	Angle, Mid Body RR Trim LH Front	
2	1001230962	1	Angle, Mid Body RR Trim RH Front	
3	1001230963	2	Angle, Mid Body RR Trim Rear	
4	1001230965	2	Angle, Rear Body RR Trim Front	
5	1001230966	2	Angle, Rear Body RR Trim Tdm	
6	1001230987	6 ft	Tape	
7	7796000012	3.5 ft	Seal	

FIGURE 4-67. RUBRAIL TRIM 39IN TNL INSTALLATION

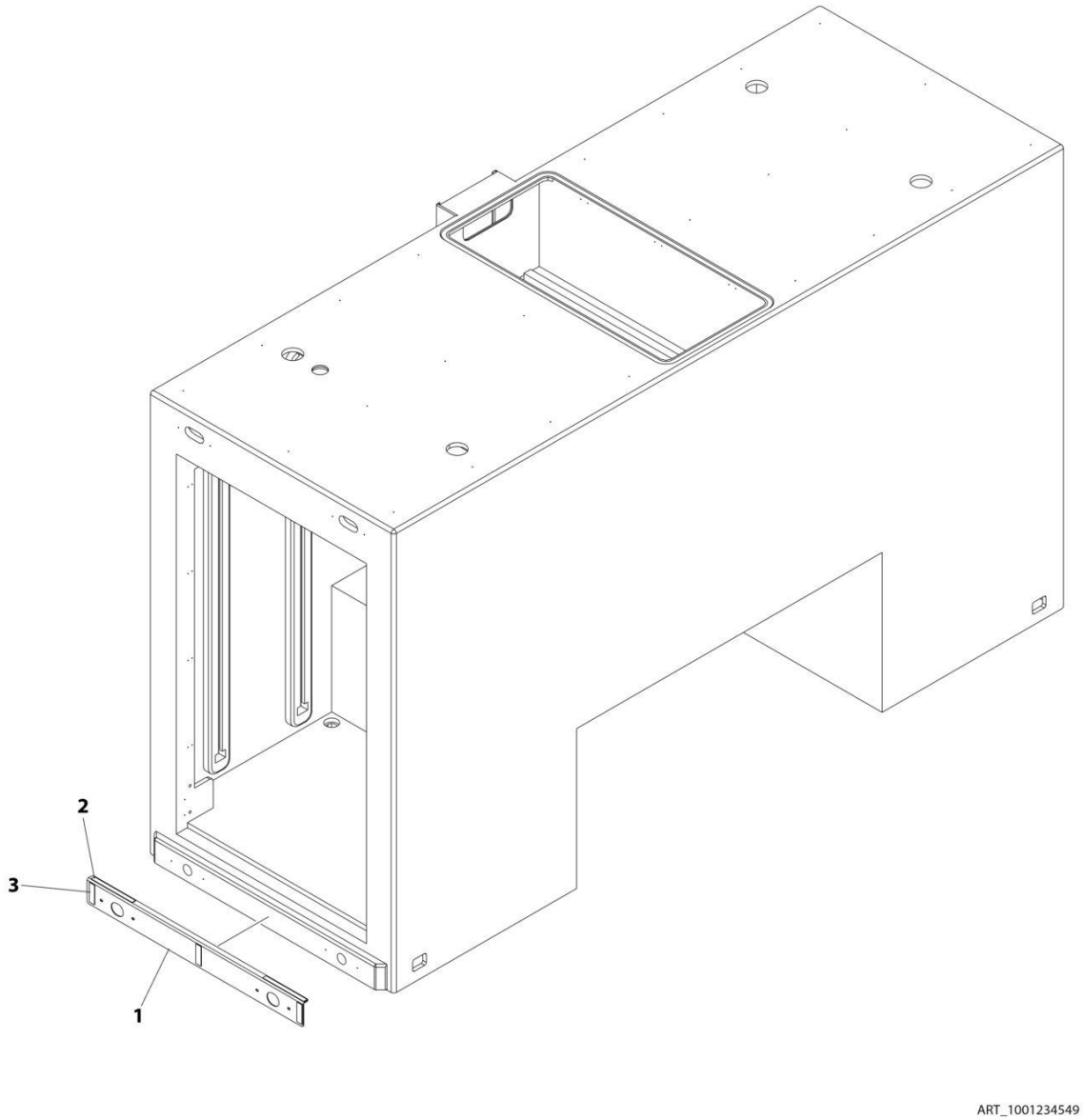


FIGURE 4-67. RUBRAIL TRIM 39IN TNL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234549	Ref	RUBRAIL TRIM 39IN TUNNEL INSTALLATION	C
1	1001230977	2	Angle	
2	1001230987	2 ft	Tape	
3	7796000012	1.3 ft	Seal	

FIGURE 4-68. RUBRAIL TRIM 51IN TNL INSTALLATION

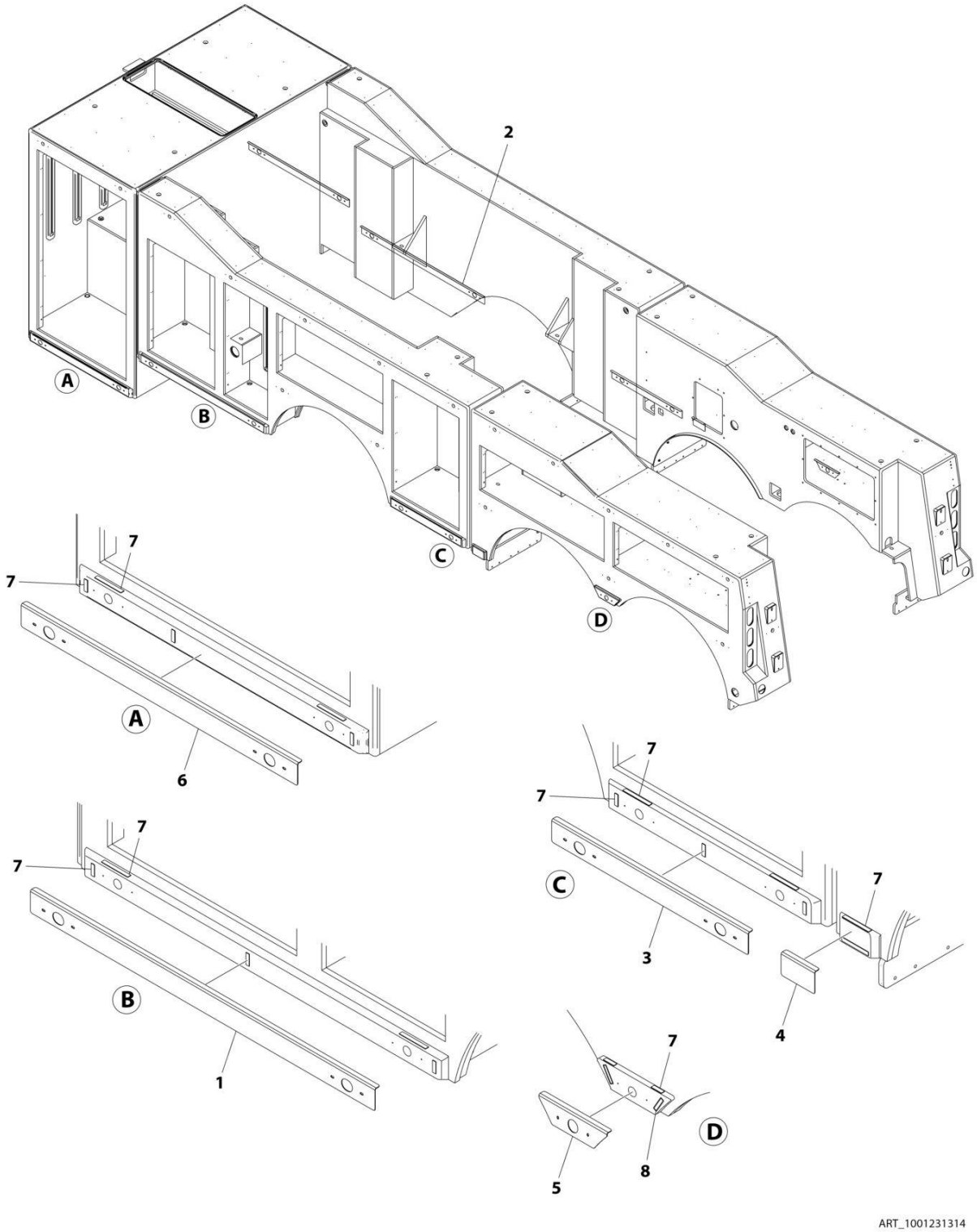


FIGURE 4-68. RUBRAIL TRIM 51IN TNL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231314	NLA	RUBRAIL TRIM 51IN TUNNEL INSTALLATION (No longer available, use items 1 through 8 for service or 1001263633 and 1001234536 for replacement)	B
1	1001230961	1	Angle, Mid Body RR Trim LH Front	
2	1001230962	1	Angle, Mid Body RR Trim RH Front	
3	1001230963	2	Angle, Mid Body RR Trim Rear	
4	1001230965	2	Angle, Rear Body RR Trim Front	
5	1001230966	2	Angle, Rear Body RR Trim Tdm	
6	1001230976	2	Angle	
7	1001230987	8 ft	Tape	
8	7796000012	4.75 ft	Seal	

FIGURE 4-69. RUBRAIL TRIM 51IN TNL INSTALLATION

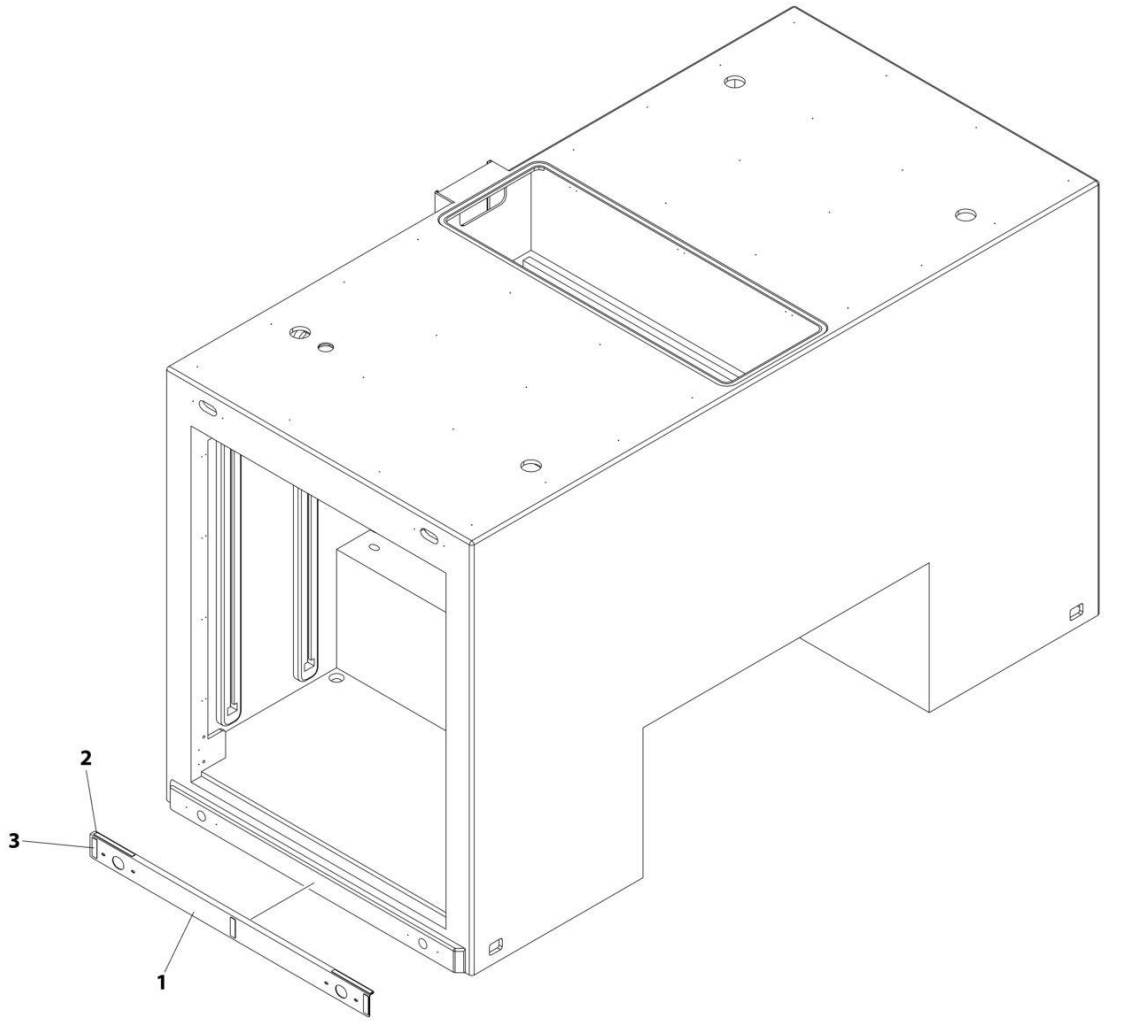


FIGURE 4-69. RUBRAIL TRIM 51IN TNL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234536	Ref	RUBRAIL TRIM 51IN TUNNEL INSTALLATION	C
1	1001230976	2	Angle	
2	1001230987	2 ft	Tape	
3	7796000012	1.3 ft	Seal	

FIGURE 4-70. RUBRAIL TRIM TDM INSTALLATION

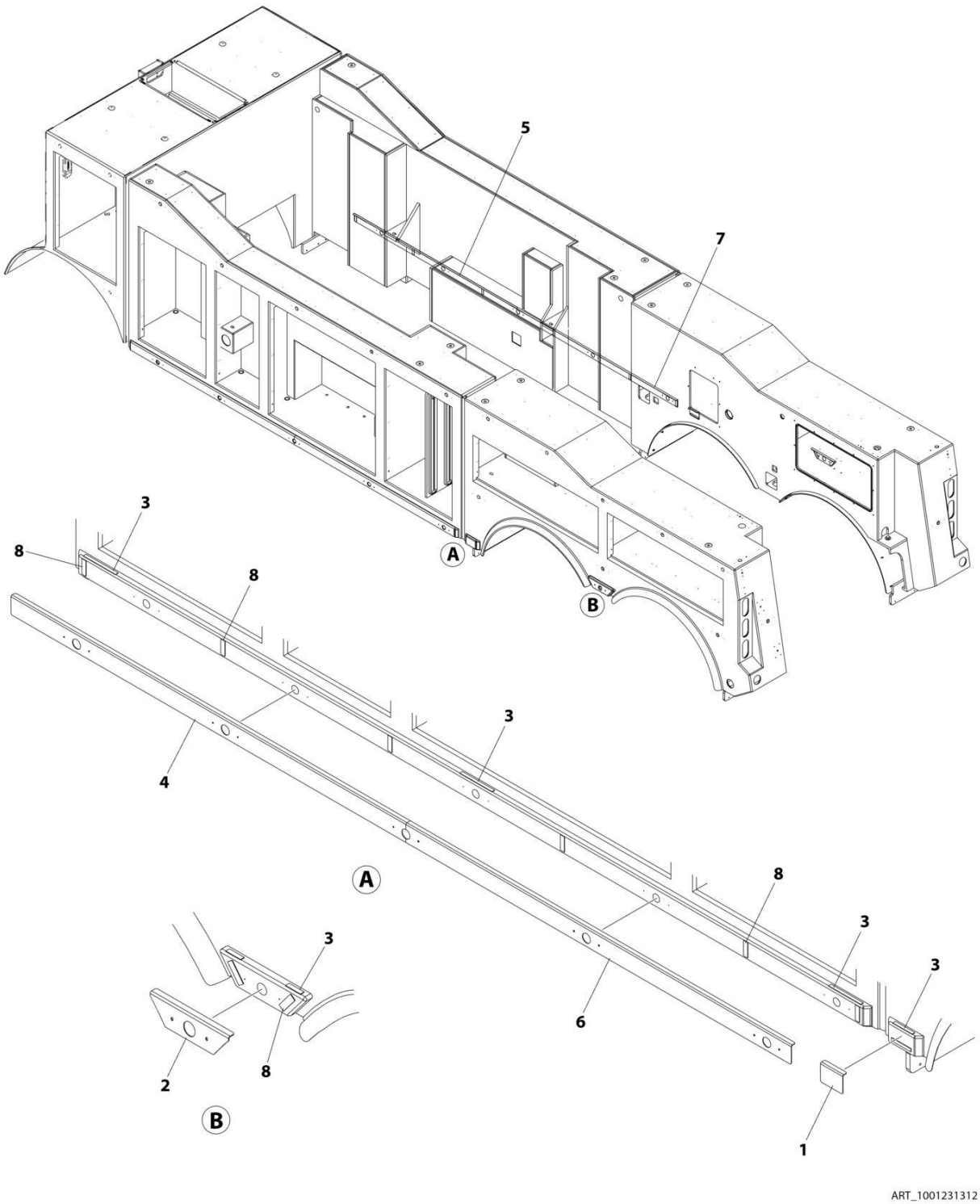


FIGURE 4-70. RUBRAIL TRIM TDM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231312	NLA	RUBRAIL TRIM TANDEM INSTALLATION (No longer available, use items 1 through 8 for service or 1001263632 for replacement)	B
1	1001230965	2	Angle, Rear Body RR Trim Front	
2	1001230966	2	Angle, Rear Body RR Trim Tdm	
3	1001230987	5 ft	Tape	
4	1001231418	1	Angle, Mid Body RR Trim LH Front	
5	1001231419	1	Angle, Mid Body RR Trim RH Front	
6	1001231420	1	Angle, Mid Body RR Trim LH Rear	
7	1001231421	1	Angle, Mid Body RR Trim RH Rear	
8	7796000012	3.5 ft	Seal	

FIGURE 4-71. RUBRAIL ROTATOR WITHOUT AXLE INSTALLATION

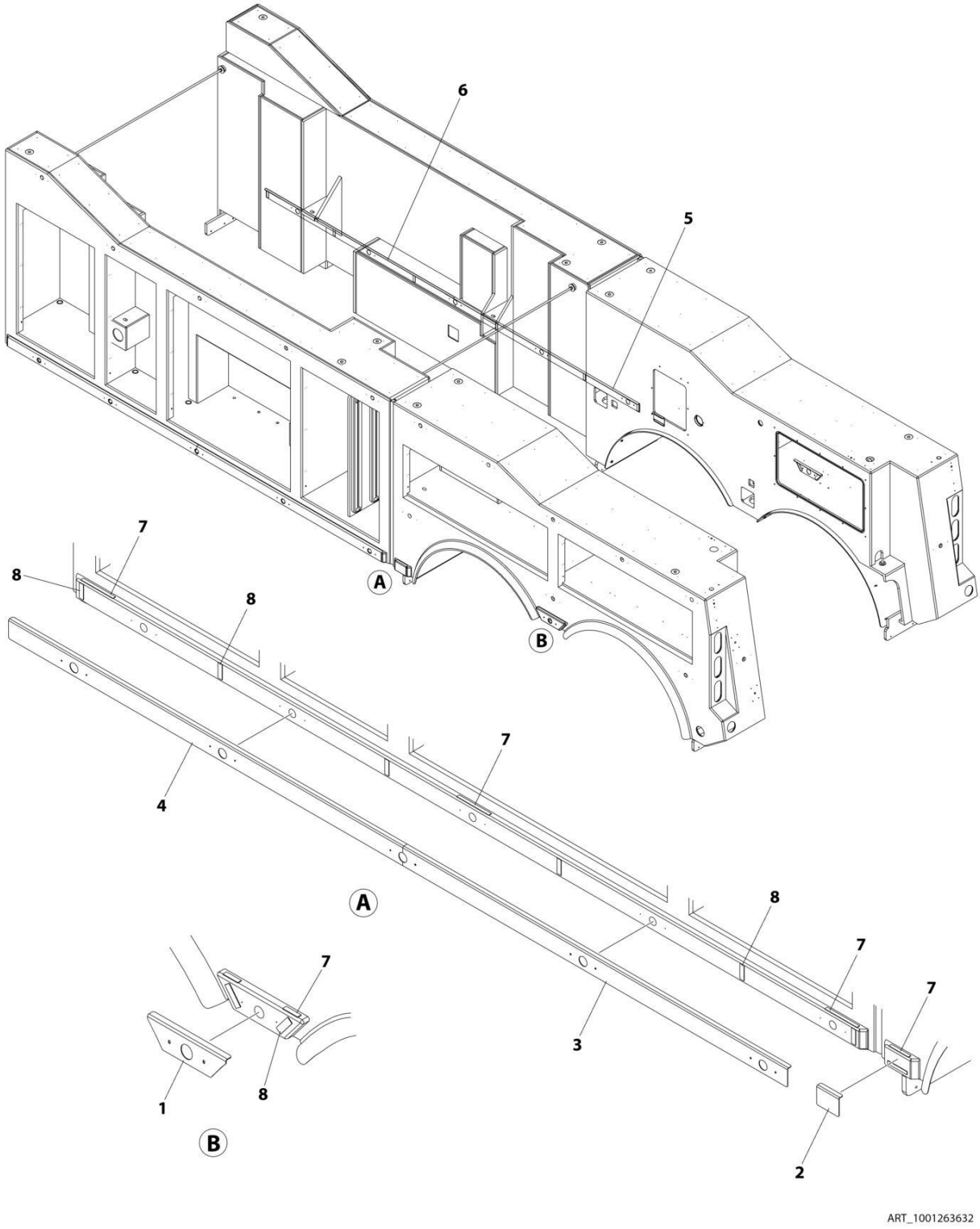


FIGURE 4-71. RUBRAIL ROTATOR WITHOUT AXLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263632	Ref	RUBRAIL ROTATOR WITHOUT AXLE INSTALLATION	A
1	1001230966	2	Angle, Rear Body RR Trim Tdm	
2	1001230965	2	Angle, Rear Body RR Trim Front	
3	1001231420	1	Angle, Mid Body RR Trim LH Rear	
4	1001231418	1	Angle, Mid Body RR Trim LH Front	
5	1001231421	1	Angle, Mid Body RR Trim RH Rear	
6	1001231419	1	Angle, Mid Body RR Trim RH Front	
7	1001230987	5 ft	Tape	
8	7796000012	3.5 ft	Seal	

FIGURE 4-72. FENDER FLARE AND LINER INSTALLATION

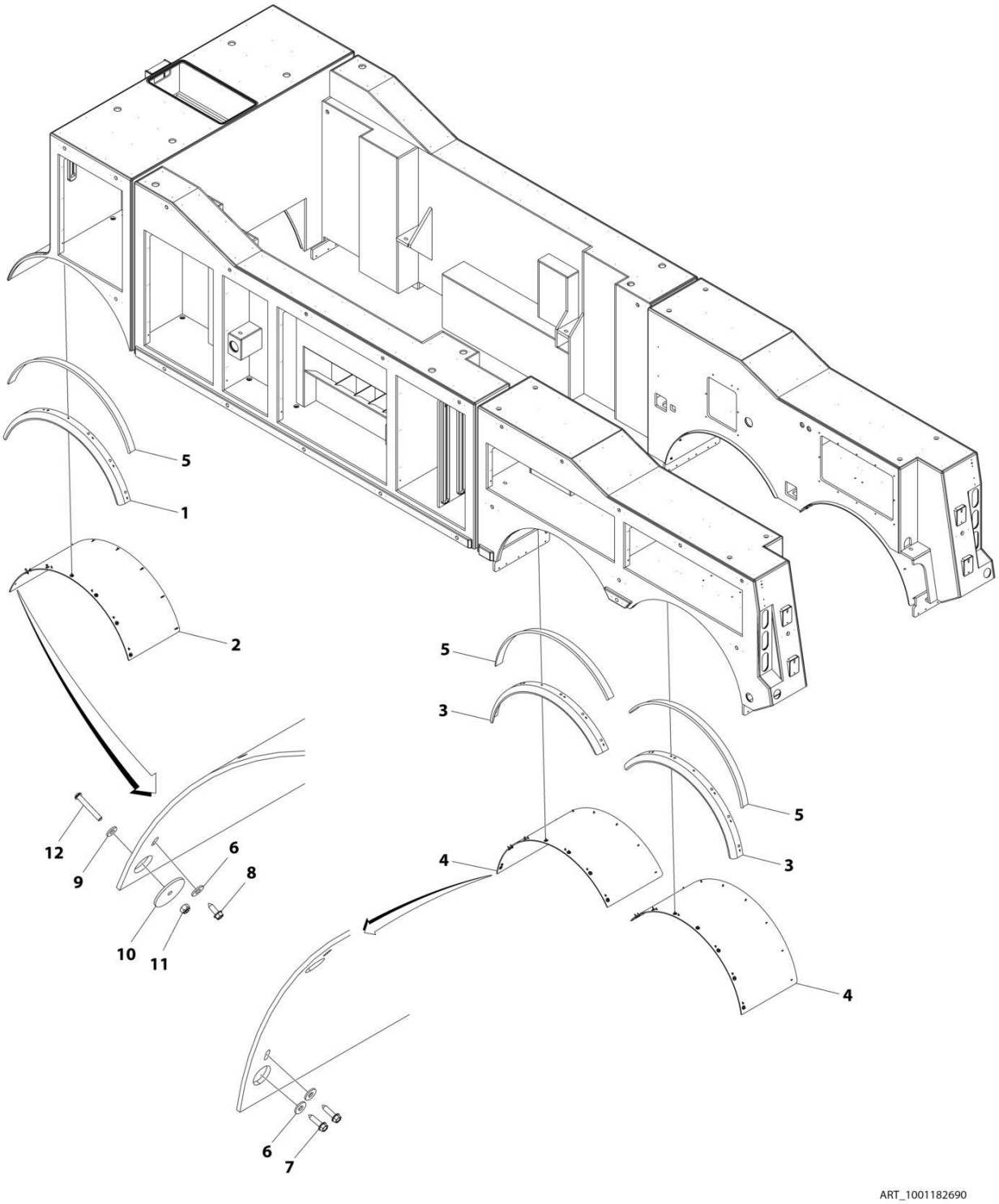


FIGURE 4-72. FENDER FLARE AND LINER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182690	NLA	FENDER FLARE AND LINER INSTALLATION (No longer available, use items 1 through 12 for service or 1001267652 and 1001267251 for replacement)	G
1	1001193553	2	Fender, Tunnel	
2	1001193554	2	Fender Liner, Tunnel	
3	1001163358	4	Fender, Rear Body	
4	1001167352	4	Fender Liner, Rear Body	
5	1001253744	40 ft	Moulding	
6	7950140163	108	Washer 1/4	
7	7790141651	102	Screw 1/4 x 1	
8	7790141251	6	Screw 1/4 x 3/4	
9	7950140143	6	Washer 1/4	
10	1001192905	6	Washer 9/32 x 2	
11	7660142601	6	Nut 1/4	
12	1001170935	6	Screw 1/4 x 1-3/4	

FIGURE 4-73. FENDER FLARE AND LINER INSTALLATION

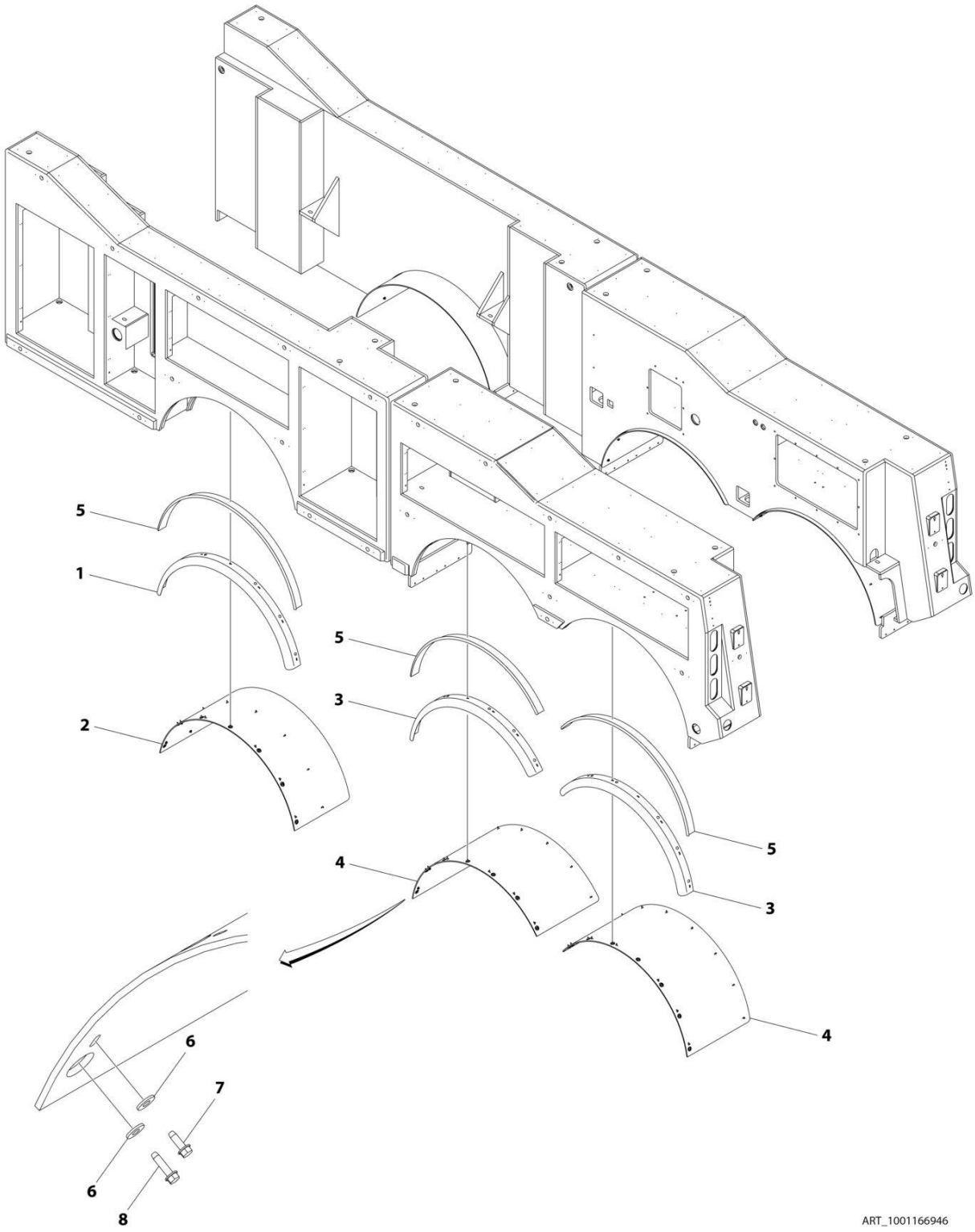


FIGURE 4-73. FENDER FLARE AND LINER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166946	NLA	FENDER FLARE AND LINER INSTALLATION (No longer available, use items 1 through 8 for service or 1001265269 for replacement)	F
1	1001163357	2	Fender, Mid Body	
2	1001167351	2	Fender Liner, Mid Body	
3	1001163358	4	Fender, Rear Body	
4	1001167352	4	Fender Liner, Rear Body	
5	1001253744	AR	Fender, Welting	
6	7950140163	120	Washer 1/4	
7	7790141651	78	Screw 1/4 x 1	
8	7790141251	42	Screw 1/4 x 3/4	

FIGURE 4-74. FENDER FLARE AND LINER INSTALLATION

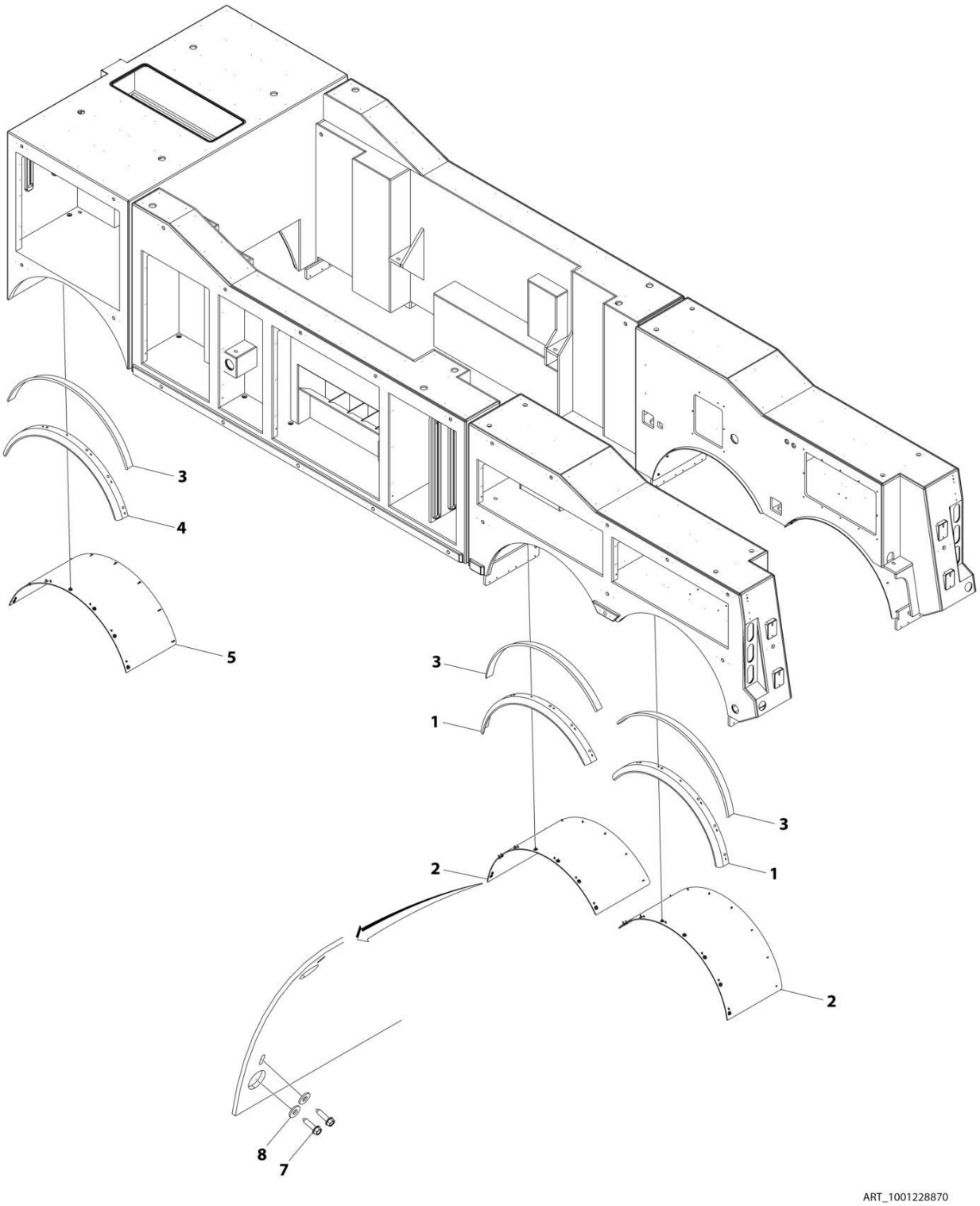


FIGURE 4-74. FENDER FLARE AND LINER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228870	NLA	FENDER FLARE AND LINER INSTALLATION (No longer available, use items 1 through 8 for service or 1001267652 and 1001265155 for replacement)	C
1	1001163358	4	Fender, Rear Body	
2	1001167352	4	Fender Liner, Rear Body	
3	1001253744	40 ft	Moulding	
4	1001193553	2	Fender, Tunnel	
5	1001193554	2	Fender Liner, Tunnel	
7	7790141651	120	Screw 1/4 x 1	
8	7950140163	120	Washer 1/4	

FIGURE 4-75. FENDER FLARE AND LINER INSTALLATION - 5TS

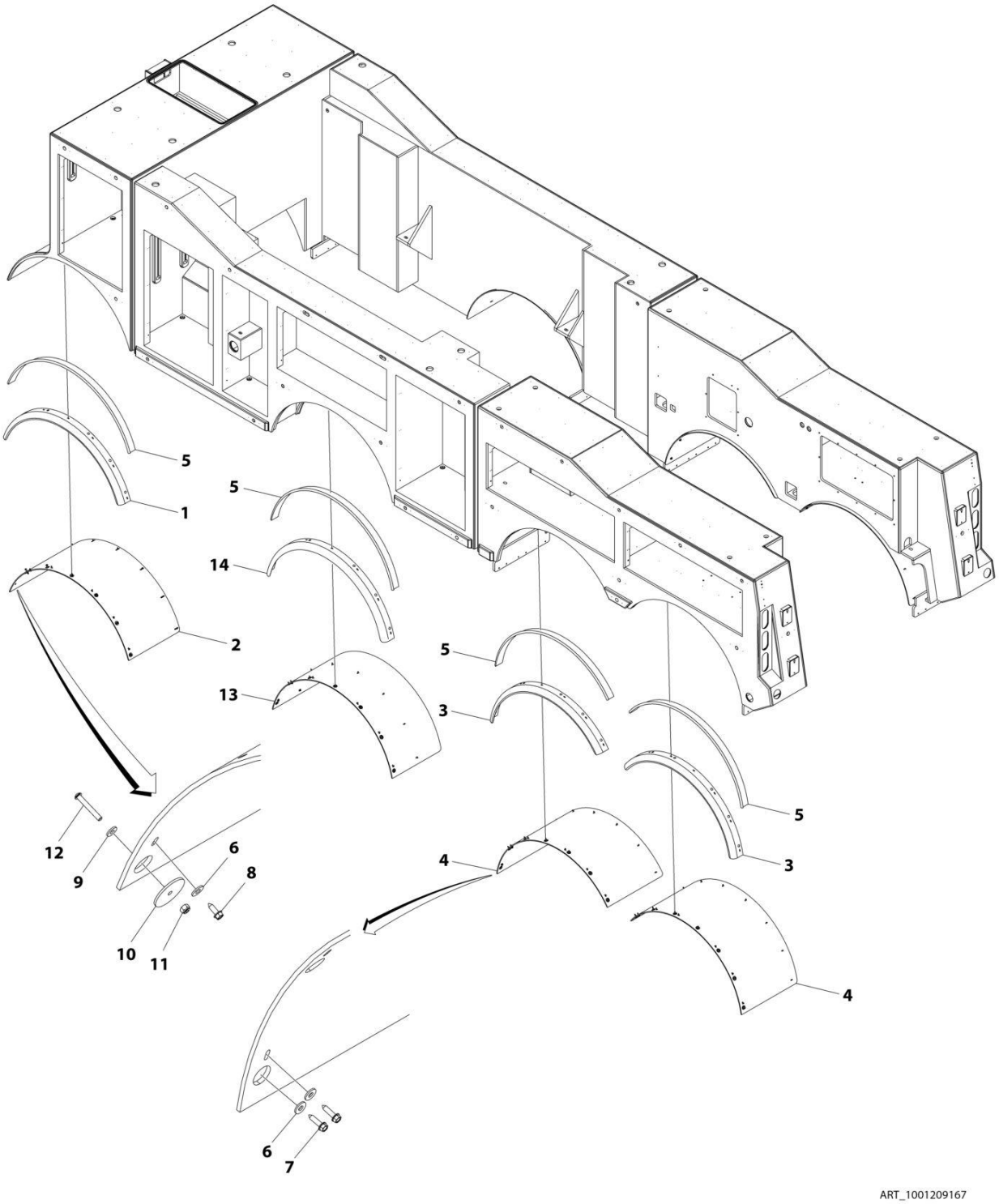


FIGURE 4-75. FENDER FLARE AND LINER INSTALLATION - 5TS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209167	NLA	FENDER FLARE AND LINER INSTALLATION - 5TS (No longer available, use items 1 through 14 for service or 1001265269 and 1001267251 for replacement)	D
1	1001193553	2	Fender, Tunnel	
2	1001193554	2	Fender Liner, Tunnel	
3	1001163358	4	Fender, Rear Body	
4	1001167352	4	Fender Liner, Rear Body	
5	1001253744	60 ft	Moulding	
6	7950140163	142	Washer 1/4	
7	7790141651	128	Screw 1/4 x 1	
8	7790141251	20	Screw 1/4 x 3/4	
9	7950140143	12	Washer 1/4	
10	1001192905	6	Washer 9/32 x 2	
11	7660142601	6	Nut 1/4	
12	1001170935	6	Screw 1/4 x 1-3/4	
13	1001163357	2	Fender, Mid Body	
14	1001167351	2	Fender Liner, Mid Body	

FIGURE 4-76. FENDER FLARE AND LINER INSTALLATION

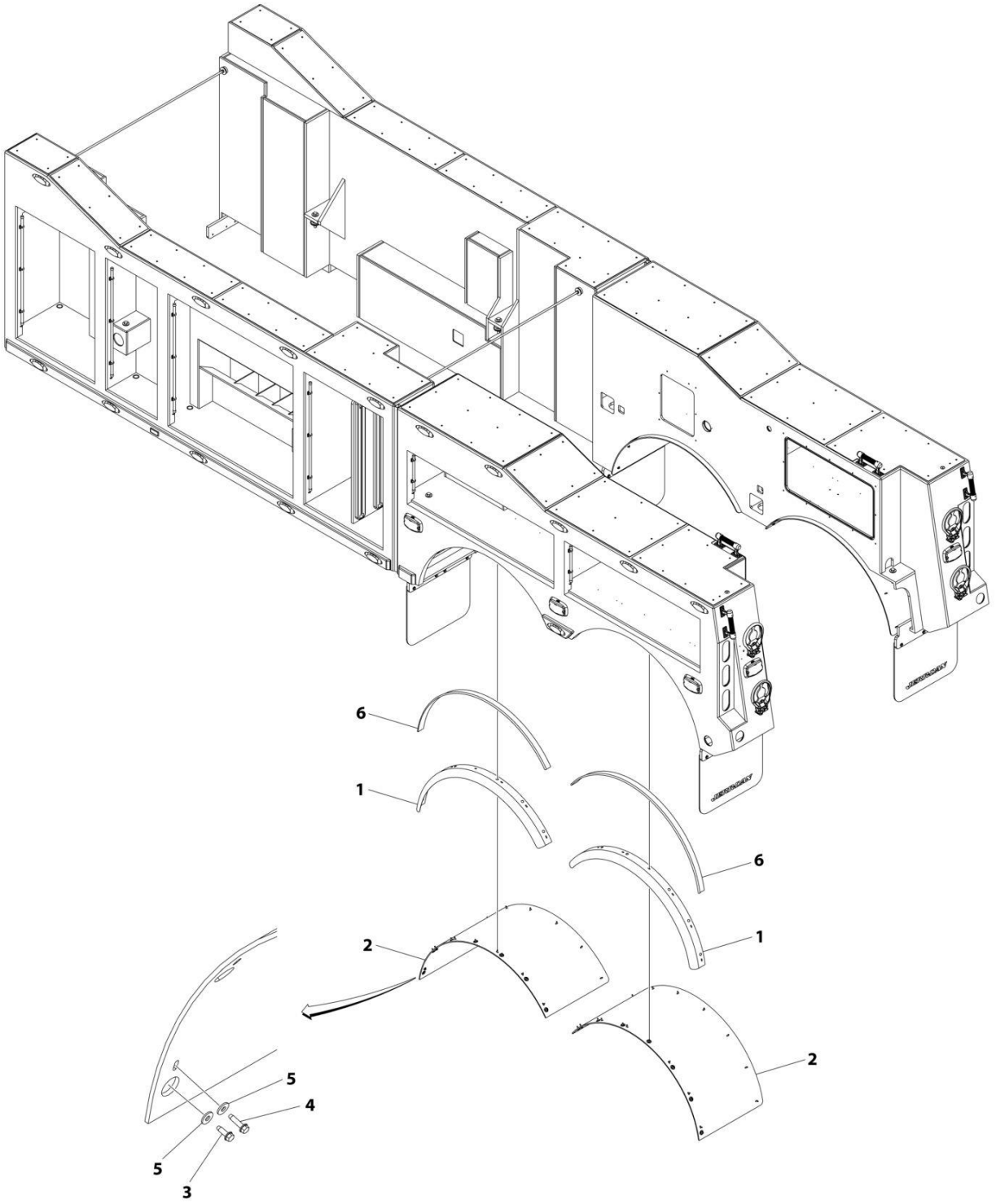


FIGURE 4-76. FENDER FLARE AND LINER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267652	Ref	FENDER FLARE AND LINER INSTALLATION	A
1	1001163358	4	Fender, Rear Body	
2	1001167352	4	Fender Liner, Rear Body	
3	7790141251	28	Screw 1/4 x 3/4	
4	7790141651	52	Screw 1/4 x 1	
5	7950140163	80	Washer 1/4	
6	1001253744	22 ft	Moulding	

FIGURE 4-77. FENDER FLARE AND LINER INSTALLATION

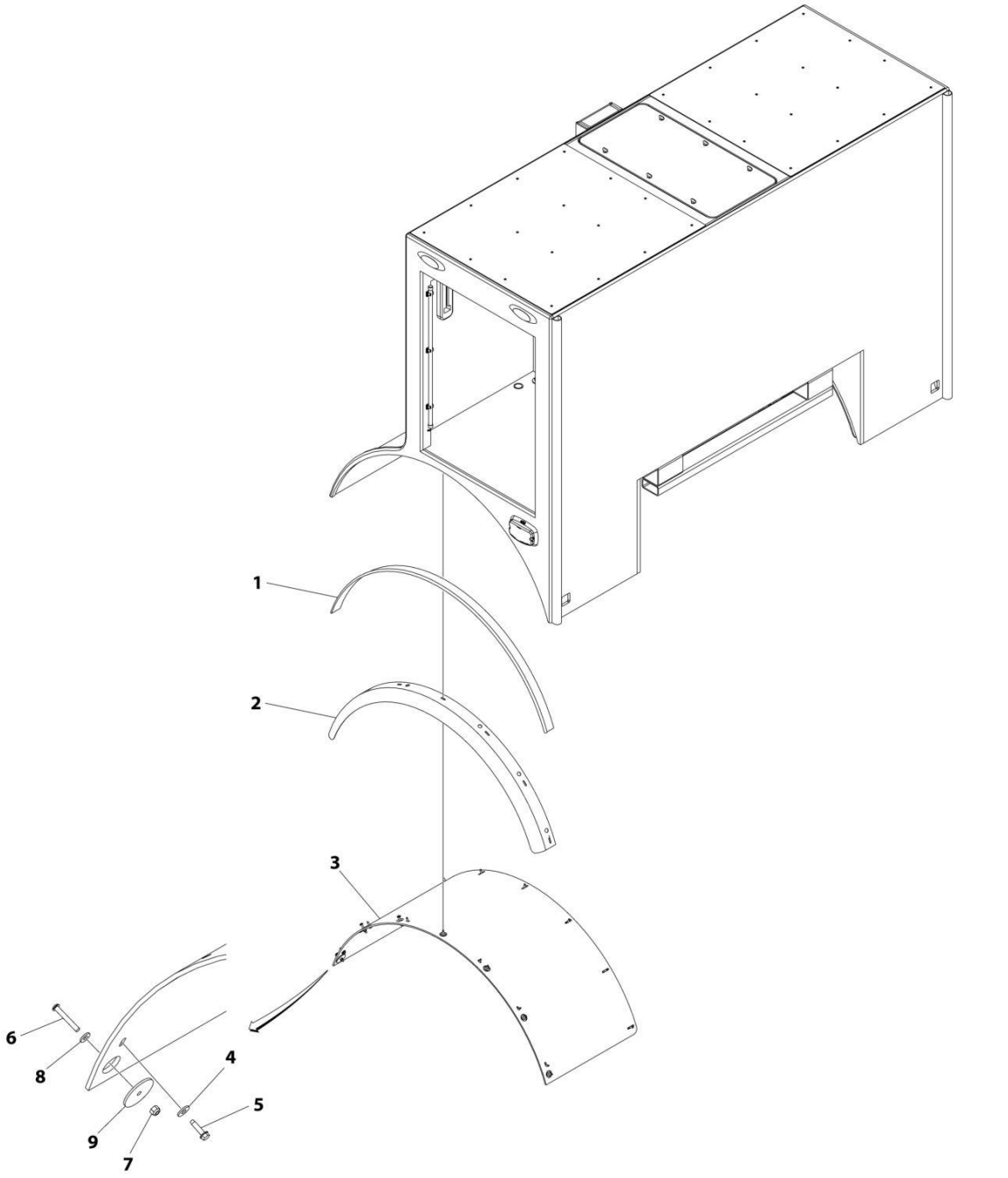


FIGURE 4-77. FENDER FLARE AND LINER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267251	Ref	FENDER FLARE AND LINER INSTALLATION	A
1	1001253744	2	Moulding	
2	1001193553	2	Fender, Tunnel	
3	1001193554	2	Fender Liner, Tunnel	
4	7950140163	34	Washer 1/4	
5	7790141651	34	Screw 1/4 x 1	
6	1001170935	6	Screw 1/4 x 1-3/4	
7	7660142601	6	Nut 1/4	
8	7950140143	6	Washer 1/4	
9	1001192905	6	Washer 9/32 x 2	

FIGURE 4-78. FENDER FLARE AND LINER INSTALLATION

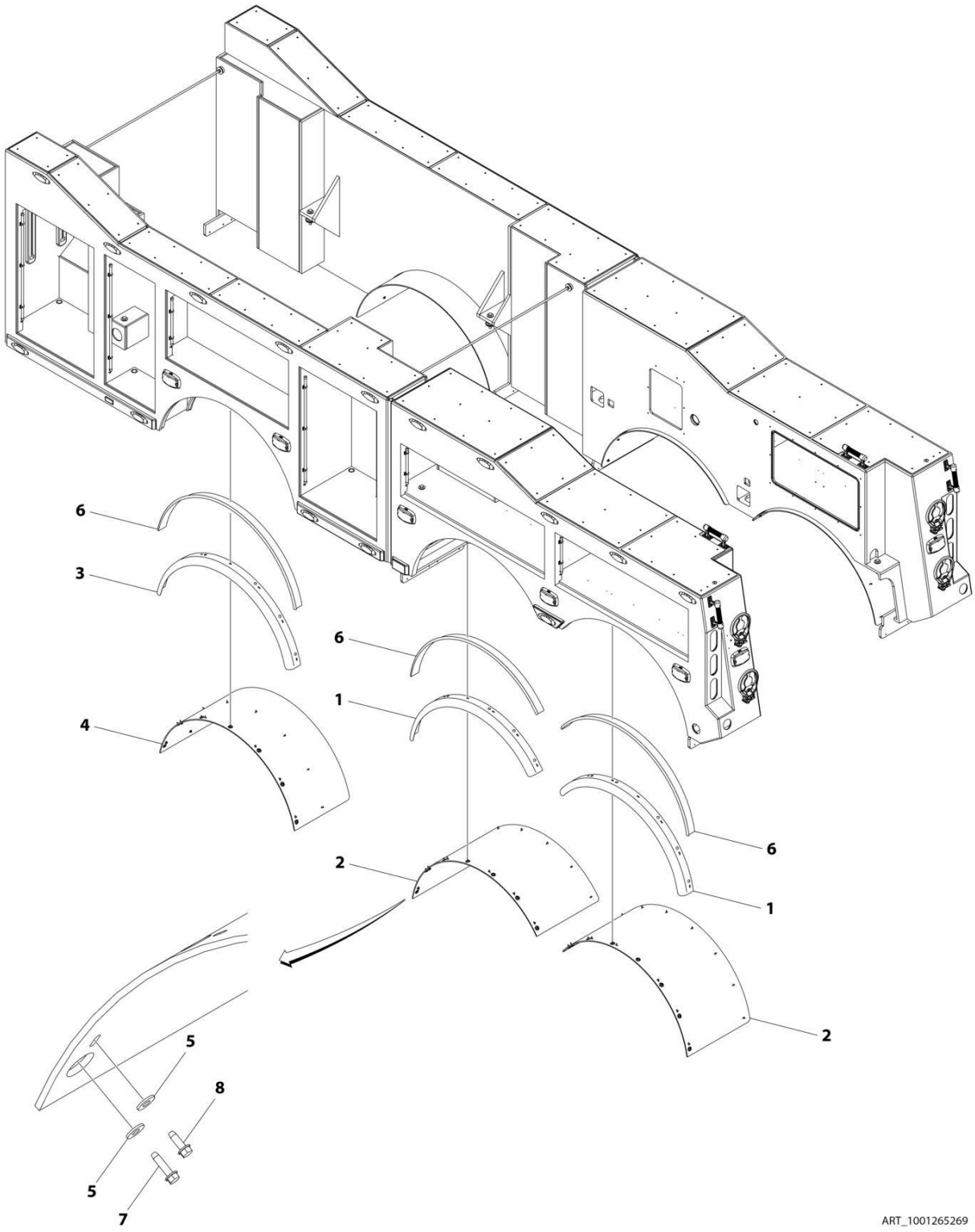


FIGURE 4-78. FENDER FLARE AND LINER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265269	Ref	FENDER FLARE AND LINER INSTALLATION	A
1	1001163358	4	Fender, Rear Body	
2	1001167352	4	Fender Liner, Rear Body	
3	1001163357	2	Fender, Mid Body	
4	1001167351	2	Fender Liner, Mid Body	
5	7950140163	120	Washer 1/4	
6	1001253744	AR	Fender, Welting	
7	7790141251	42	Screw 1/4 x 3/4	
8	7790141651	78	Screw 1/4 x 1	

FIGURE 4-79. FENDER FLARE AND LINER INSTALLATION

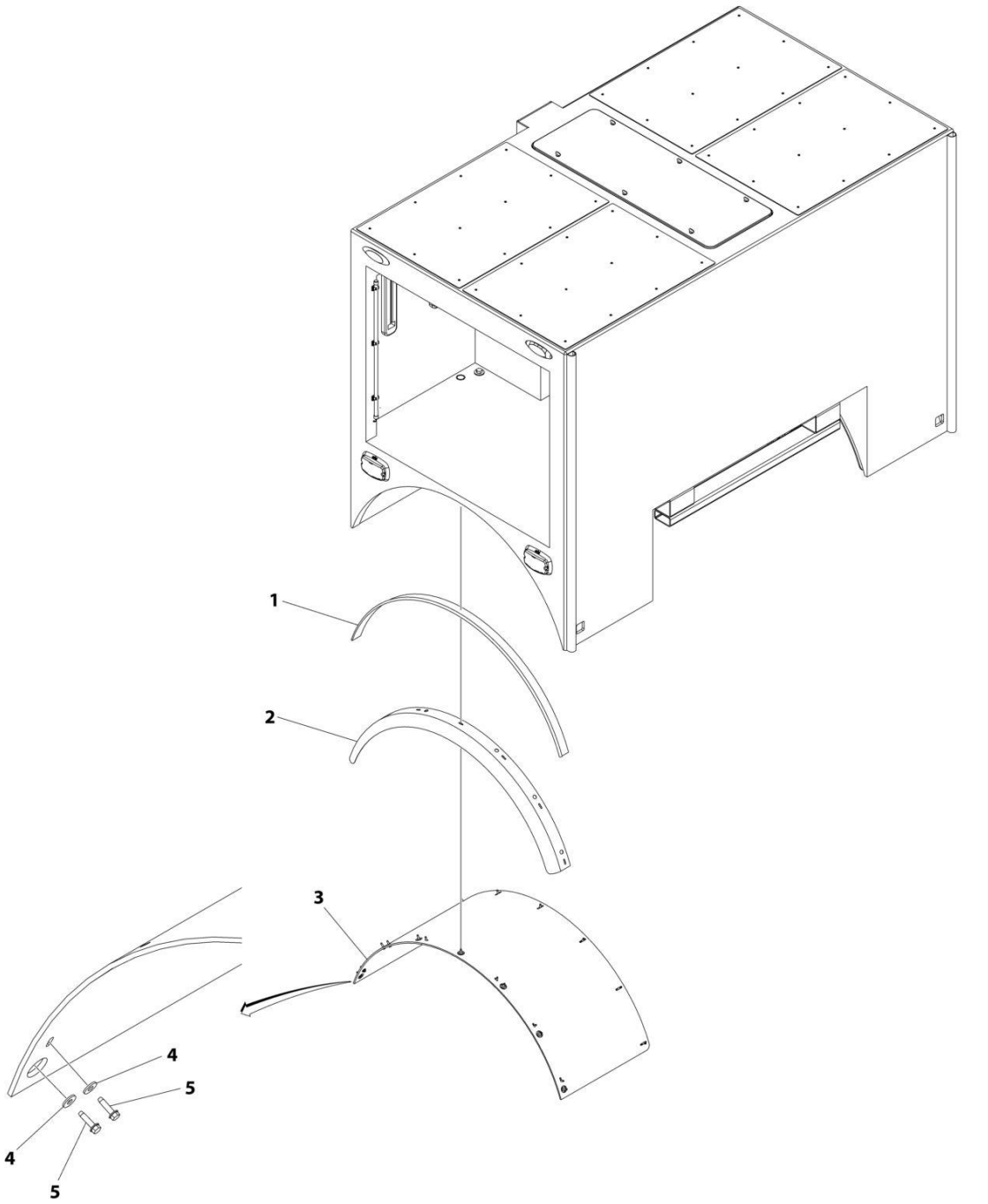


FIGURE 4-79. FENDER FLARE AND LINER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265155	Ref	FENDER FLARE AND LINER INSTALLATION	A
1	1001253744	12 ft	Moulding	
2	1001193553	2	Fender, Tunnel	
3	1001193554	2	Fender Liner, Tunnel	
4	7950140163	40	Washer 1/4	
5	7790141651	40	Screw 1/4 x 1	

FIGURE 4-80. FENDER FLARE AND LINER INSTALLATION - 5TS

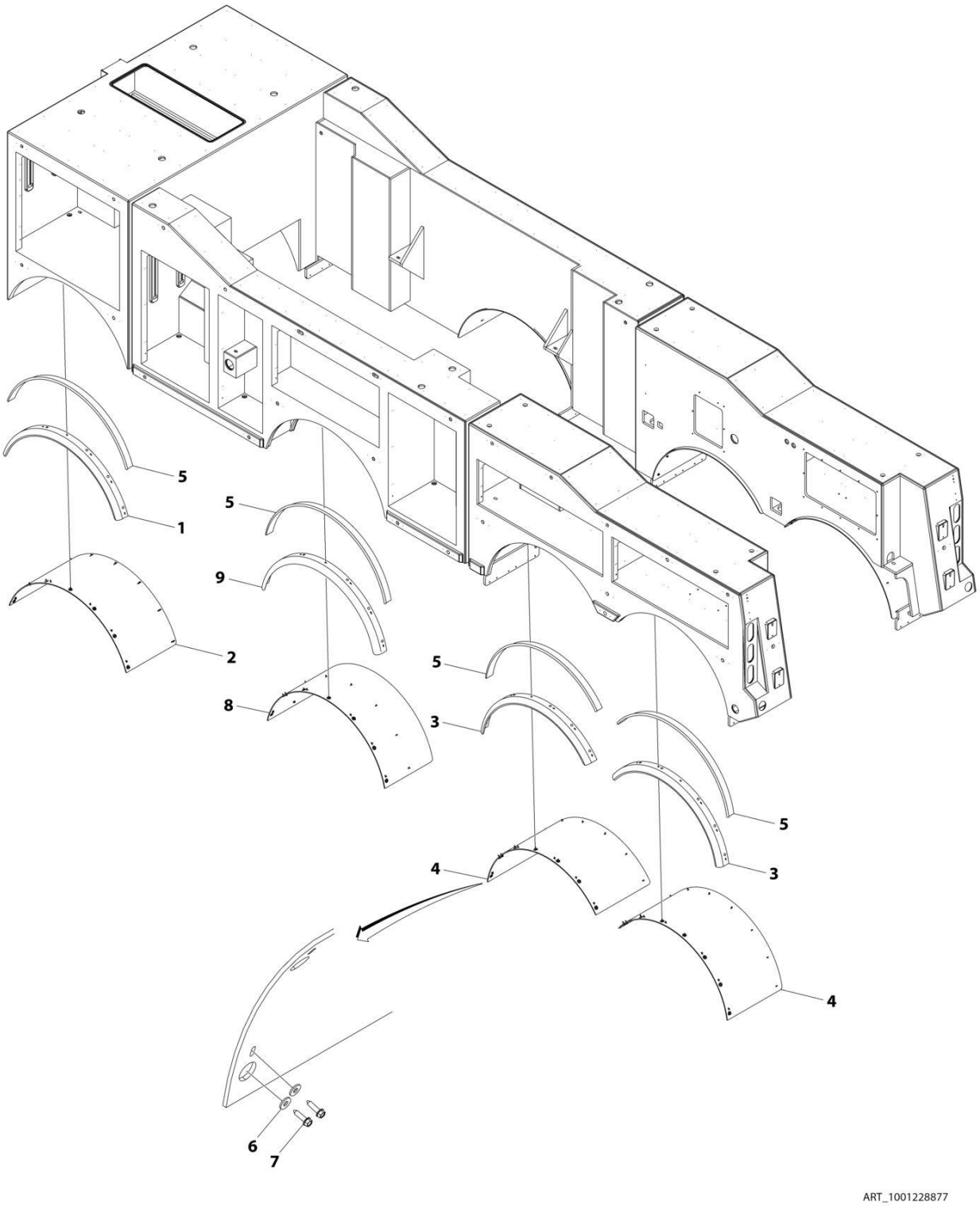


FIGURE 4-80. FENDER FLARE AND LINER INSTALLATION - 5TS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228877	Ref	Fender Flare and Liner Installation - 5TS	B
1	1001193553	2	Fender, Tunnel	
2	1001193554	2	Fender Liner, Tunnel	
3	1001163358	4	Fender, Rear Body	
4	1001167352	4	Fender Liner, Rear Body	
5	1001253744	60 ft	Moulding	
6	7950140163	160	Washer 1/4	
7	7790141651	160	Screw 1/4 x 1	
8	1001163357	2	Fender, Mid Body	
9	1001167351	2	Fender Liner, Mid Body	

FIGURE 4-81. MARKER/FLASHER LIGHTS INSTALLATION (Prior to SN 0230008542)

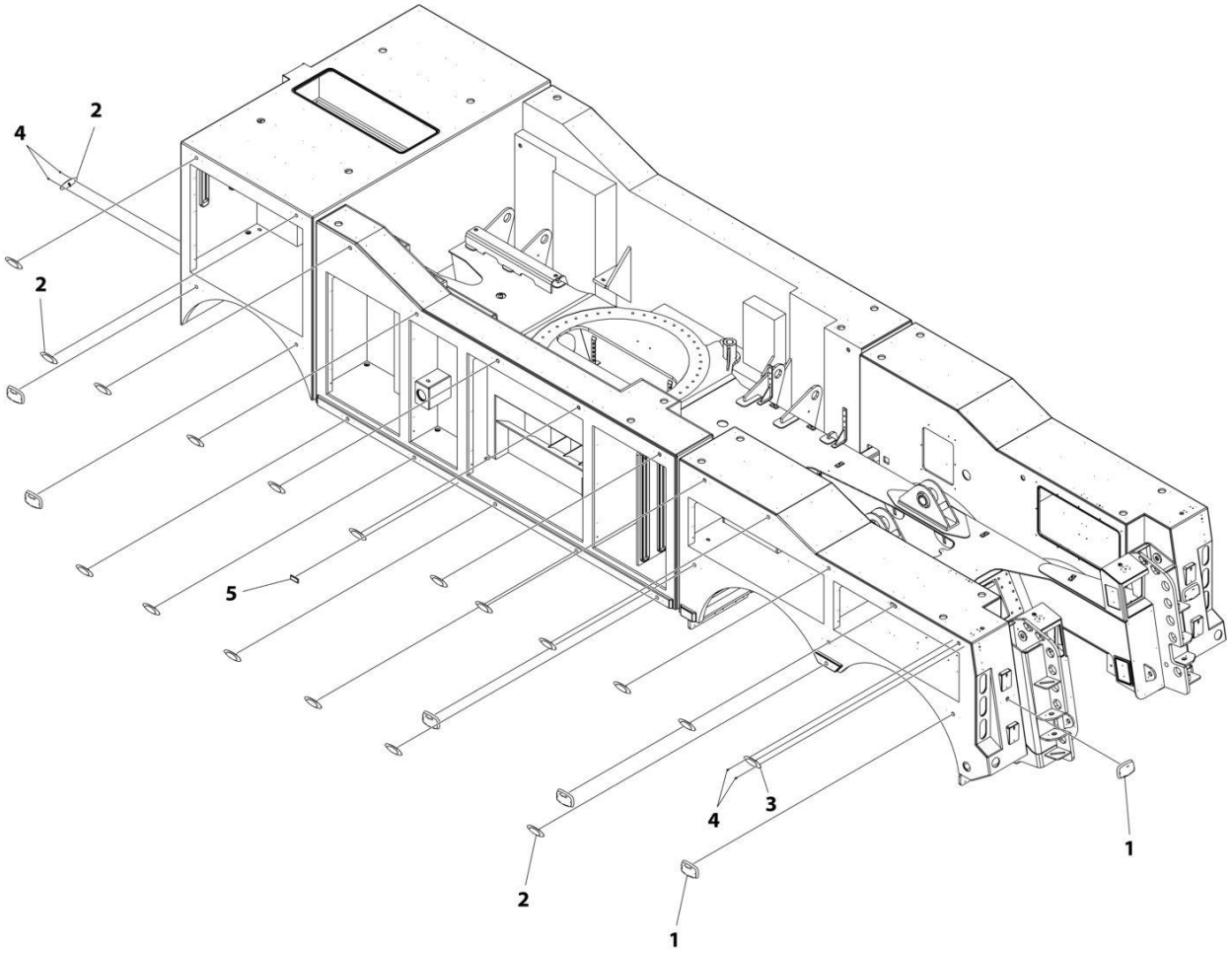


FIGURE 4-81. MARKER/FLASHER LIGHTS INSTALLATION (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228868	Ref	MARKER/FLASHER LIGHTS INSTALLATION - 5TS	B
1	1001143284	12	Light, Whelen	
2	7590000358	36	Light, Amber	
3	7590000359	2	Light, Red	
4	1001166322	76	Screw #10 x 5/8	
5	7736000001	2	Reflector, Amber	

FIGURE 4-82. MARKER/FLASHER LIGHTS INSTALLATION - 5TS (Prior to SN 0230008542)

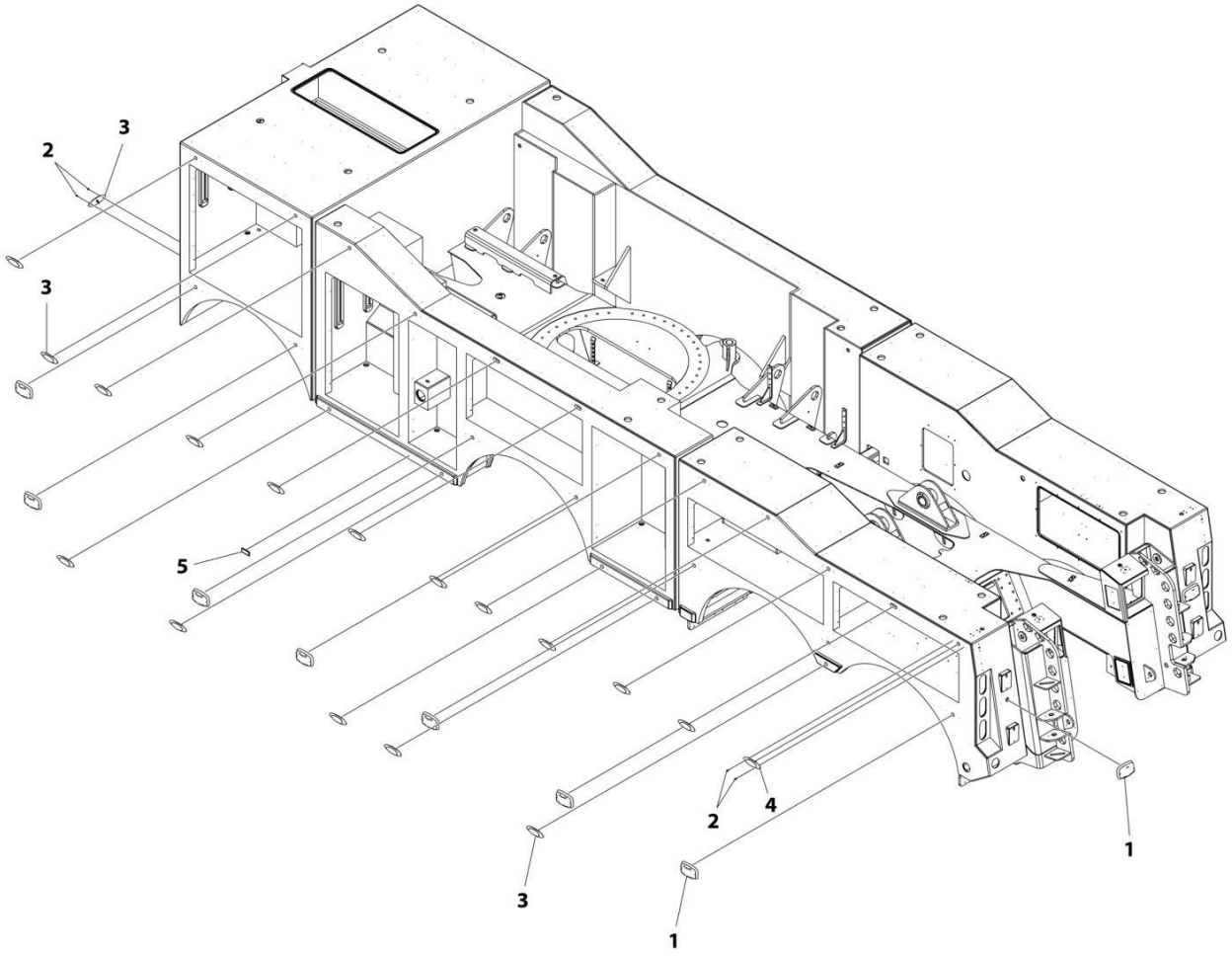


FIGURE 4-82. MARKER/FLASHER LIGHTS INSTALLATION - 5TS (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228869	Ref	MARKER/FLASHER LIGHTS INSTALLATION - 5TS	B
1	1001143284	16	Light, Whelen	
2	1001166322	72	Screw #10 x 5/8	
3	7590000358	34	Light, Amber	
4	7590000359	2	Light, Red	
5	7736000001	2	Reflector, Amber	

FIGURE 4-83. LIGHTS MARKER AND QUAD INSTALLATION (Prior to SN 0230008542)

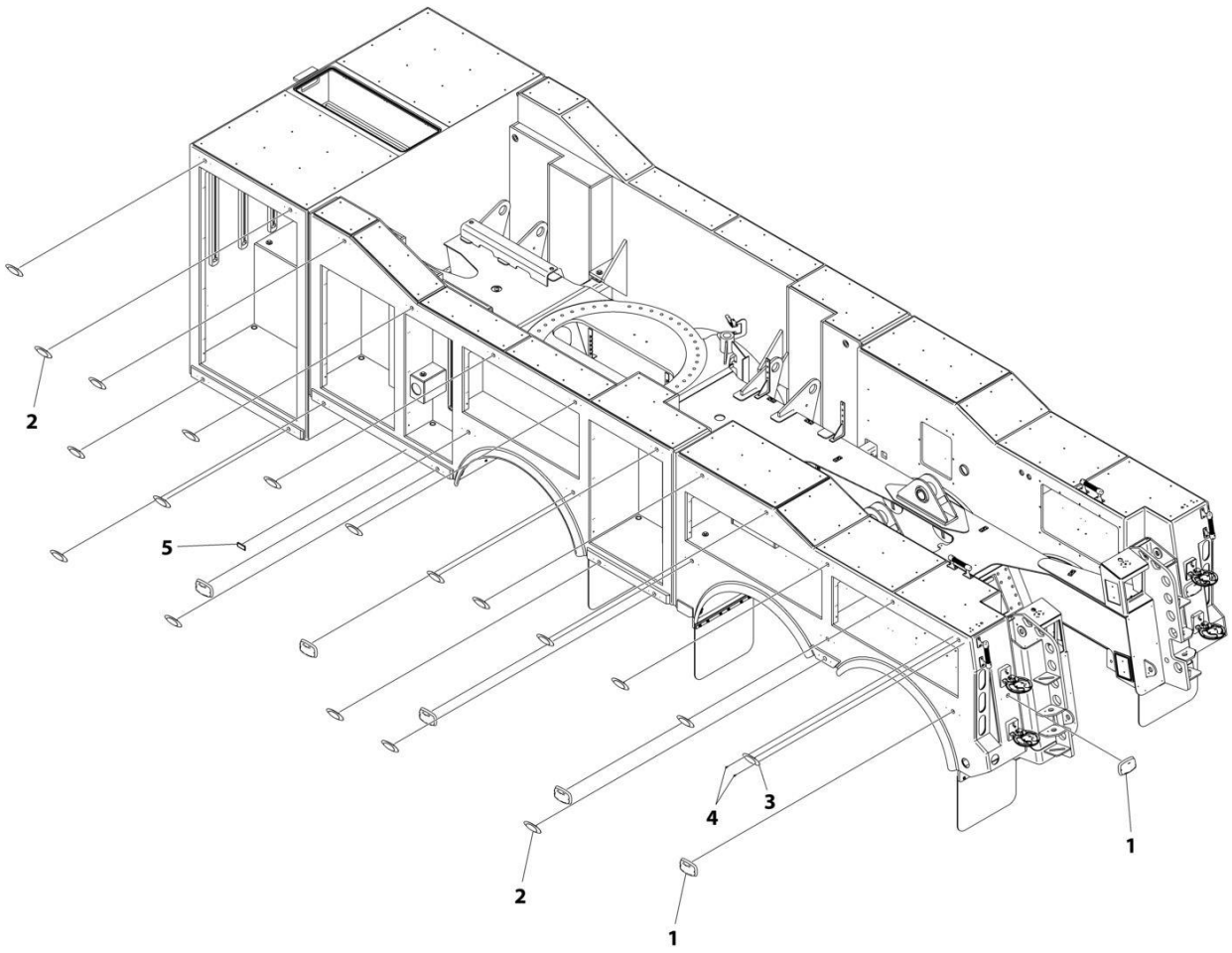


FIGURE 4-83. LIGHTS MARKER AND QUAD INSTALLATION (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166669	Ref	LIGHTS MARKER AND QUAD INSTALLATION	D
1	1001143284	12	Light, Whelen	
2	7590000358	38	Light, Amber	
3	7590000359	2	Light, Red	
4	1001166322	80	Screw #10 x 5/8	
5	7736000001	2	Reflector	

FIGURE 4-84. LIGHTS MARKER AND QUAD INSTALLATION (Prior to SN 0230008542)

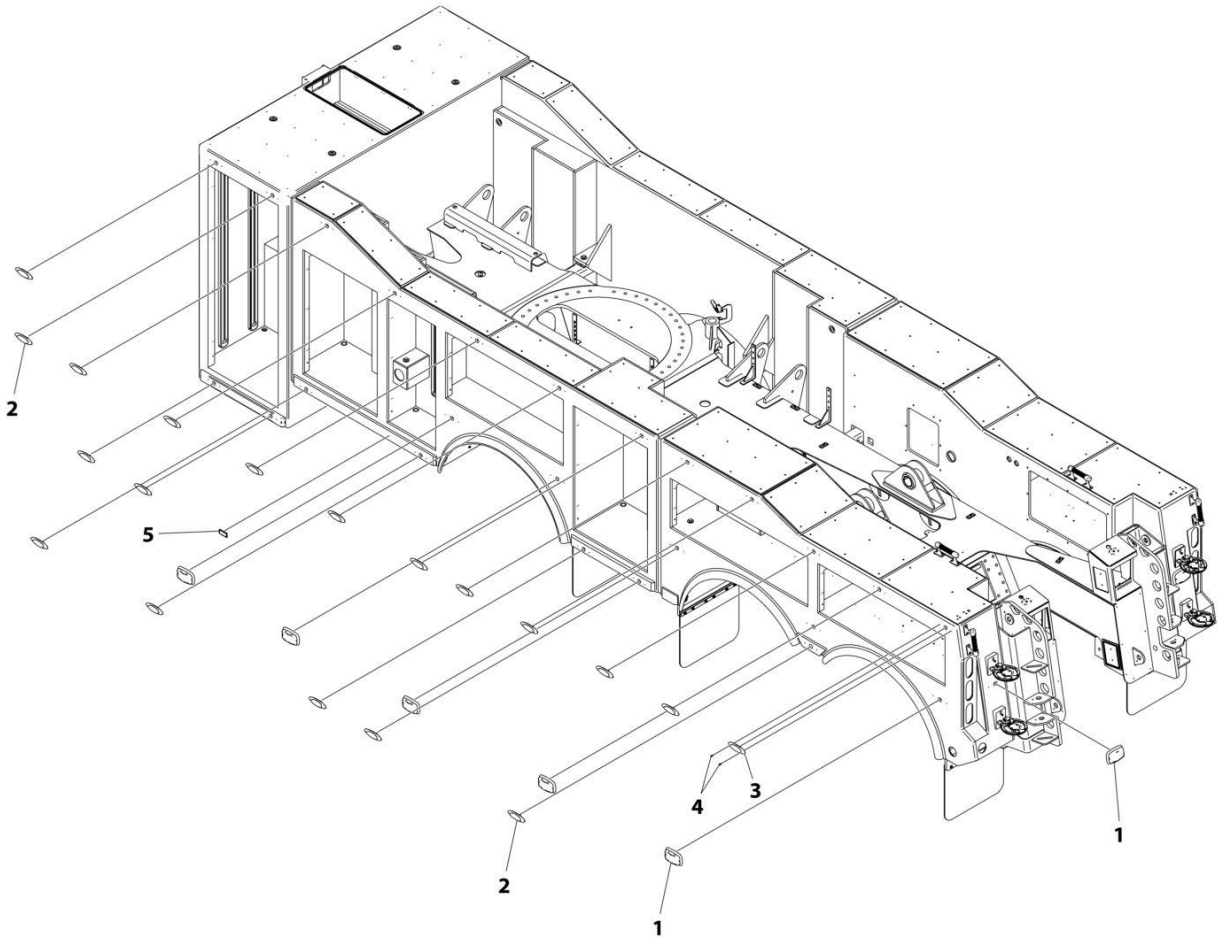


FIGURE 4-84. LIGHTS MARKER AND QUAD INSTALLATION (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206040	Ref	LIGHTS MARKER AND QUAD INSTALLATION	C
1	1001143284	12	Light, Whelen	
2	7590000358	38	Light, Amber	
3	7590000359	2	Light, Red	
4	1001166322	80	Screw #10 x 5/8	
5	7736000001	2	Reflector, Amber	

FIGURE 4-85. LIGHTS MARKER AND QUAD INSTALLATION (SN 0230008542 to Present)

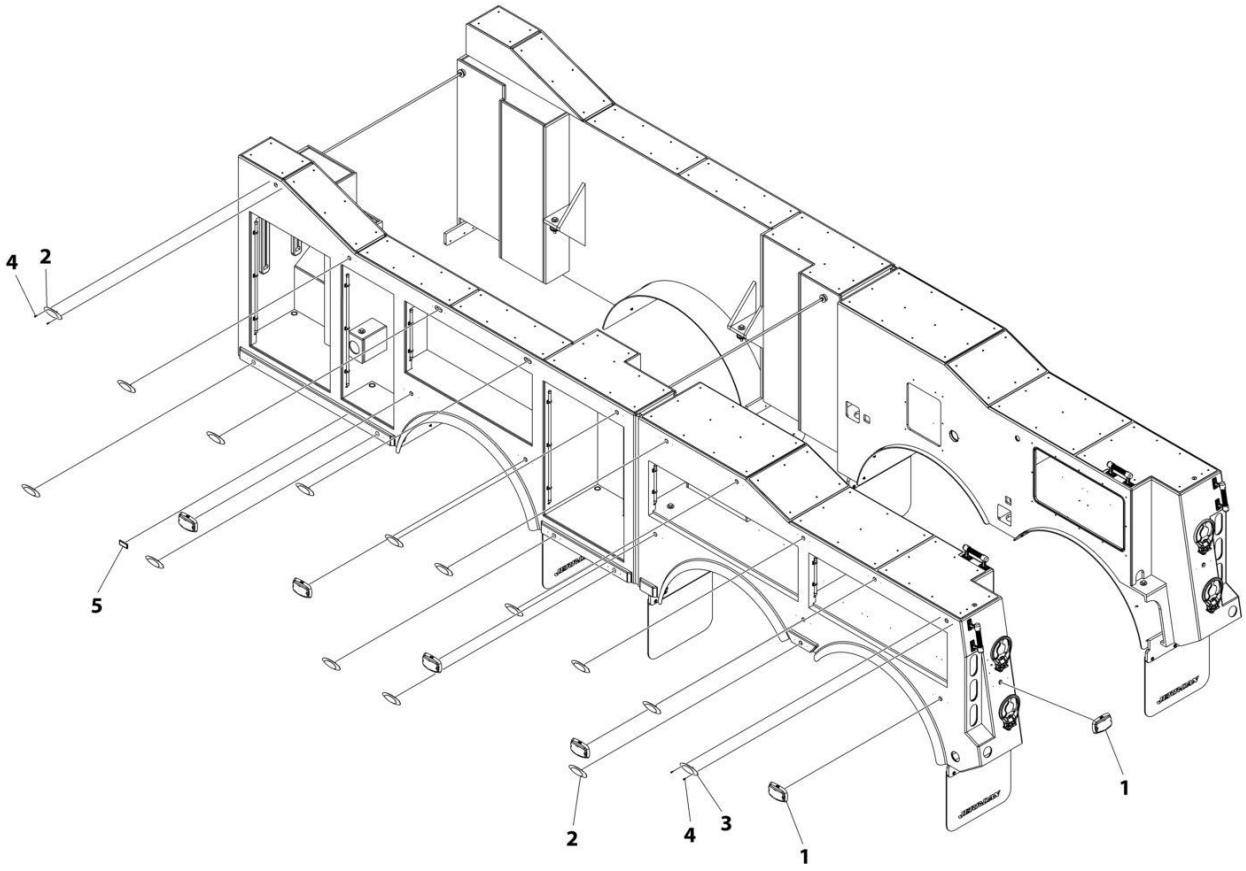


FIGURE 4-85. LIGHTS MARKER AND QUAD INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265268	Ref	LIGHTS MARKER AND QUAD INSTALLATION	A
1	1001143284	12	Light, Whelen	
2	7590000358	28	Light, Amber	
3	7590000359	2	Light, Red	
4	1001166322	60	Screw #10 x 5/8	
5	7736000001	2	Reflector	

FIGURE 4-86. LIGHTS MARKER INSTALLATION (SN 0230008542 to Present)

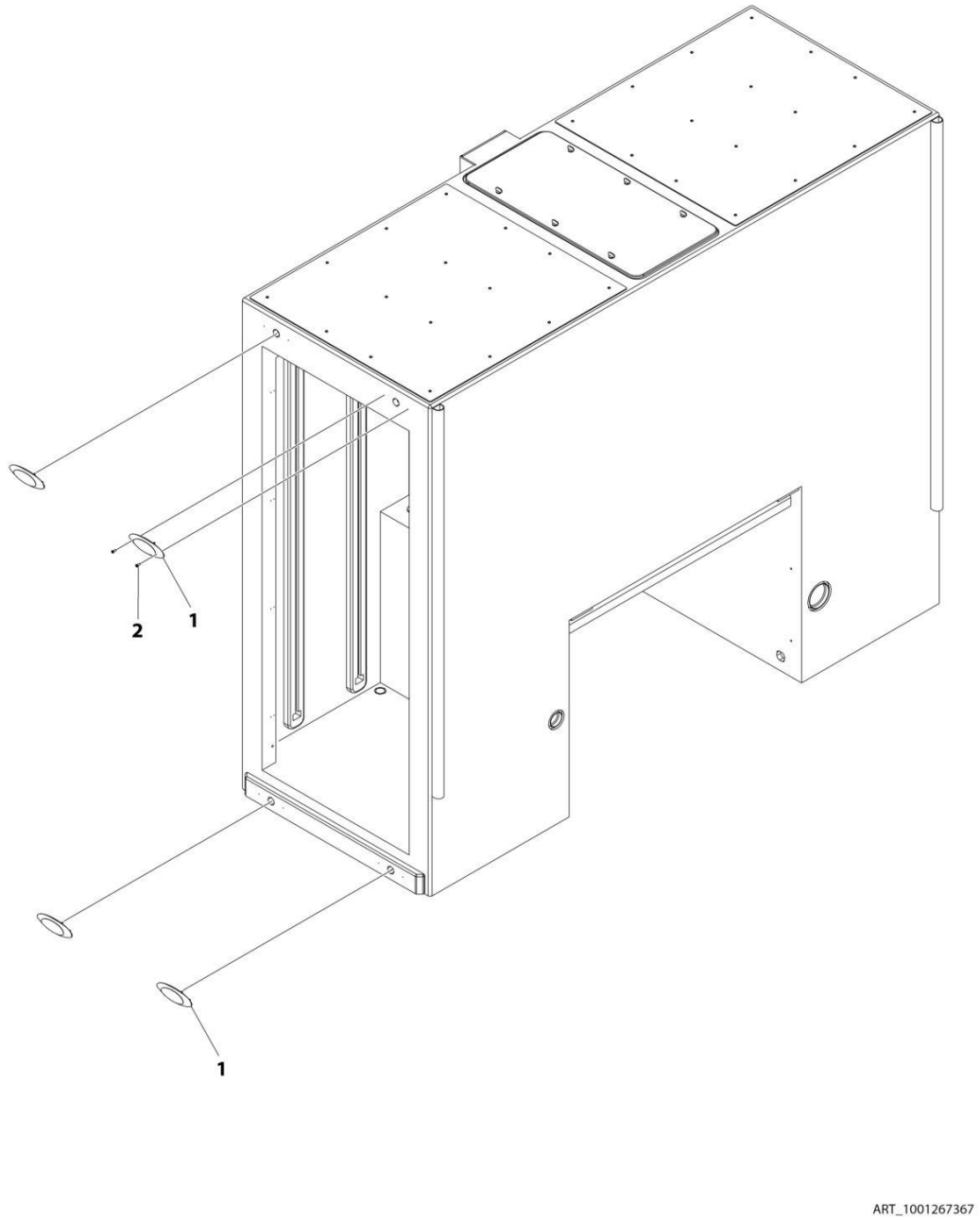


FIGURE 4-86. LIGHTS MARKER INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267367	Ref	LIGHTS MARKER INSTALLATION	A
1	7590000358	8	Light, Amber	
2	1001166322	16	Screw #10 x 5/8	

FIGURE 4-87. MARKER/FLASHER LIGHTS INSTALLATION

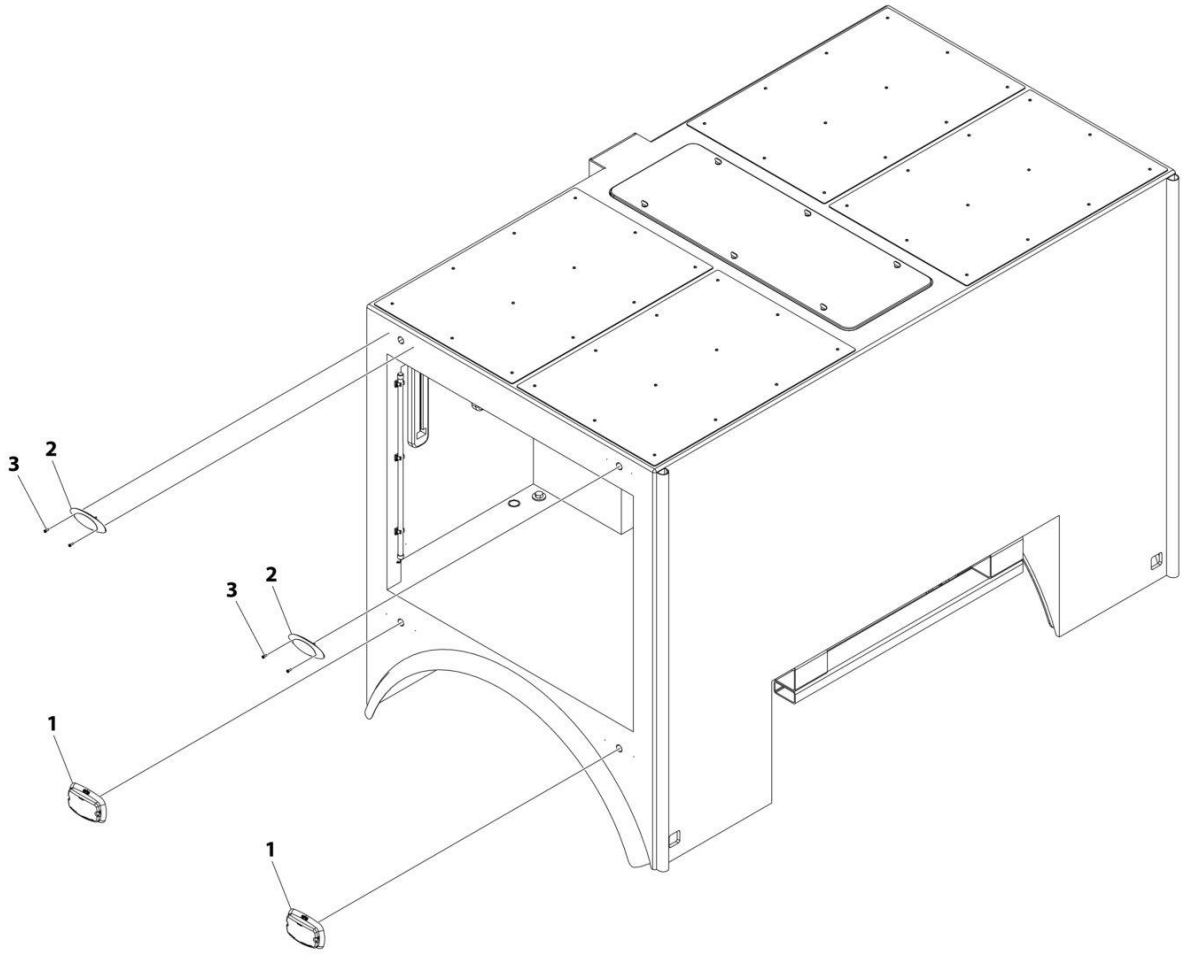


FIGURE 4-87. MARKER/FLASHER LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265153	Ref	MARKER/FLASHER LIGHTS INSTALLATION	A
1	1001143284	4	Light, Whelen	
2	7590000358	4	Light, Amber	
3	1001166322	8	Screw #10 x 5/8	

FIGURE 4-88. COMPARTMENT LIGHTS INSTALLATION

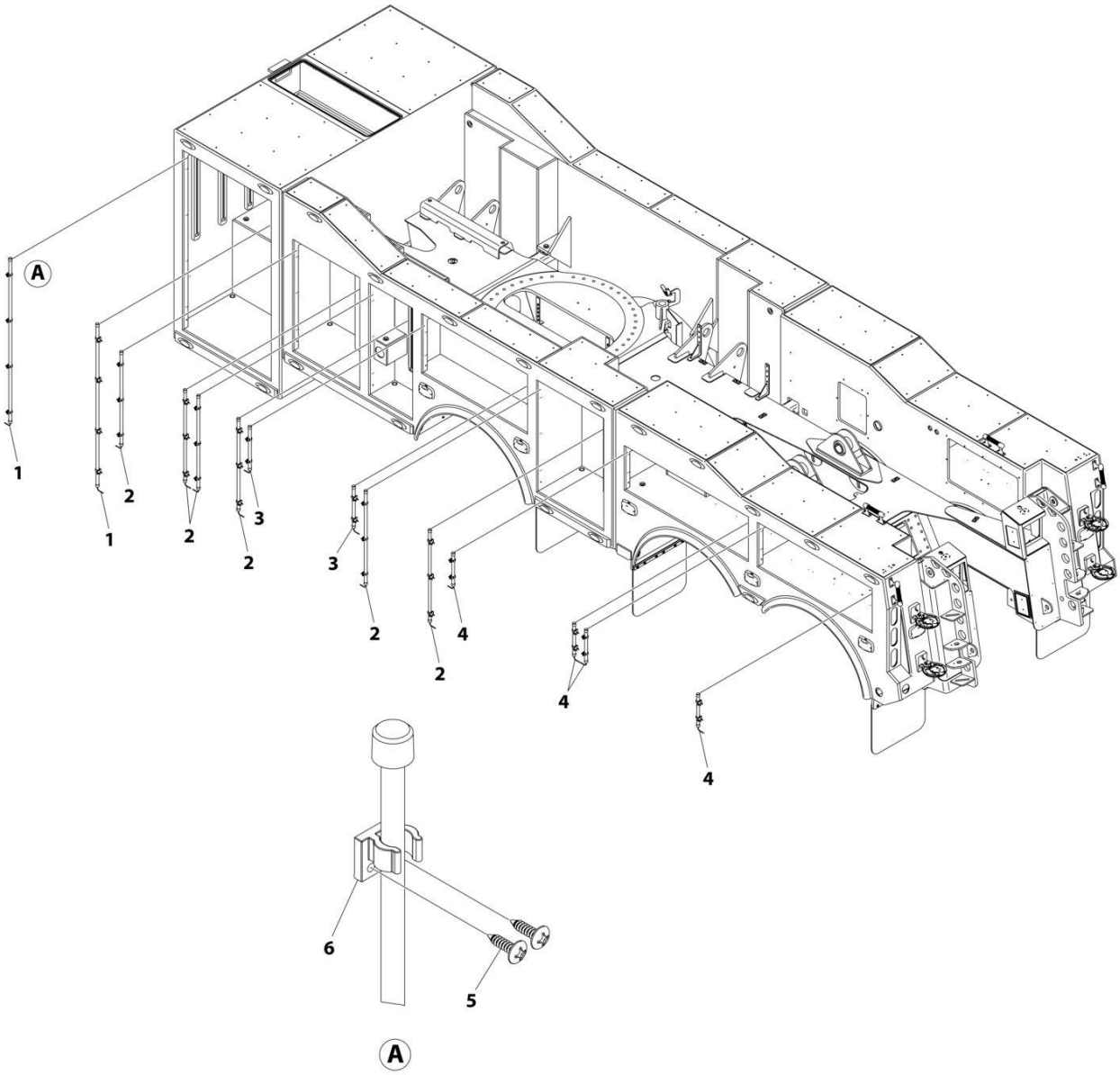


FIGURE 4-88. COMPARTMENT LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166514	NLA	COMPARTMENT LIGHTS INSTALLATION (No longer available, use items 1 through 6 for service or 1001265526 and 1001267366 for replacement)	B
1	1001166546	4	LED Light	
2	1001166547	12	LED Light	
3	1001166548	4	LED Light	
4	1001166549	8	LED Light	
5	1001154530	152	Screw #8 x 5/8	
6	1001199081	76	Mount	

FIGURE 4-89. COMPARTMENT LIGHTS INSTALLATION

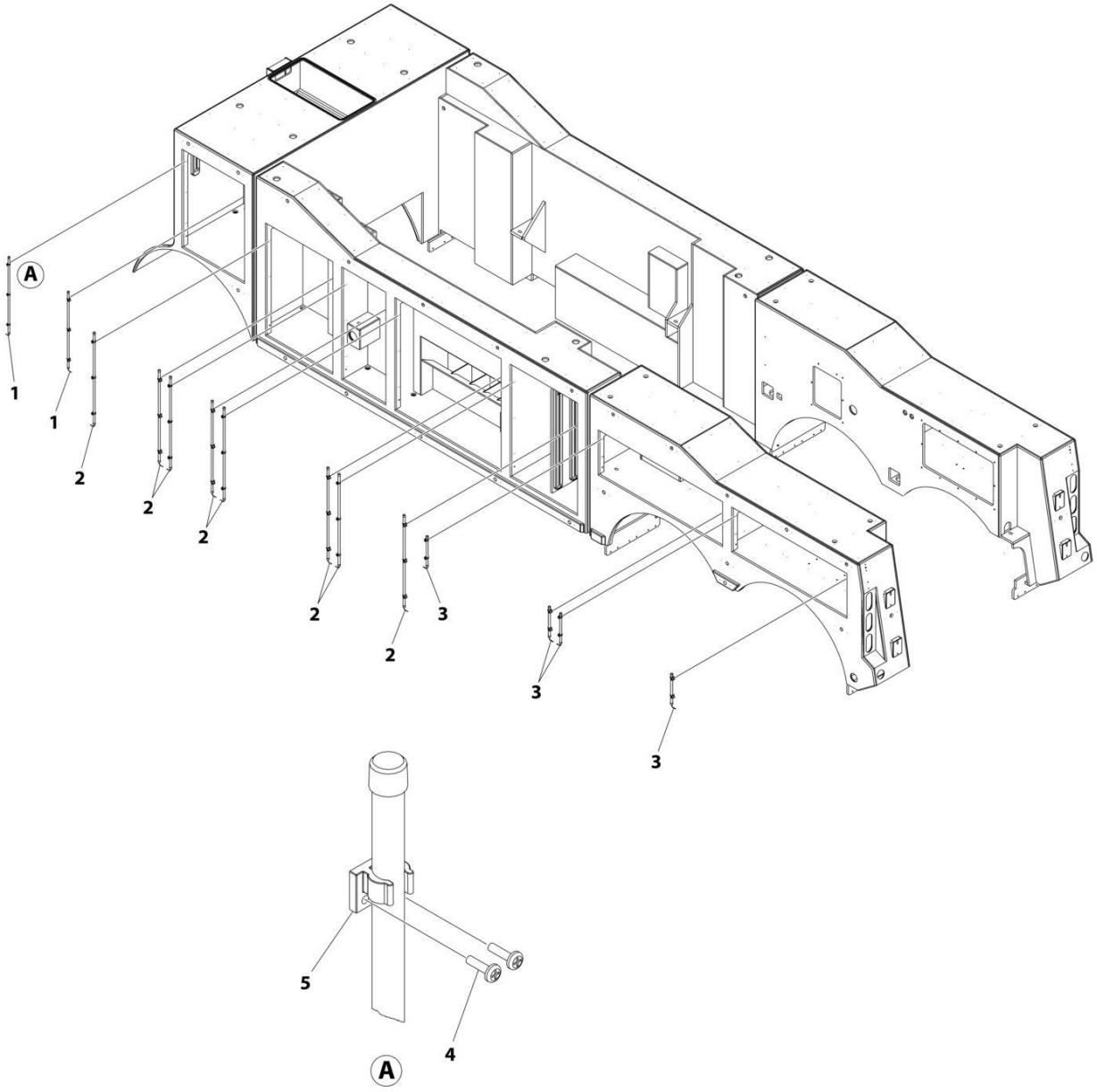


FIGURE 4-89. COMPARTMENT LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182706	NLA	COMPARTMENT LIGHTS INSTALLATION (No longer available, use items 1 through 5 for service or 1001264737 and 1001265154 for replacement)	B
1	1001182503	4	LED Light	
2	1001166547	16	LED Light	
3	1001166549	8	LED Light	
4	1001154530	152	Screw #8 x 5/8	
5	1001199081	76	Mount, Light	

FIGURE 4-90. COMPARTMENT LIGHTS INSTALLATION

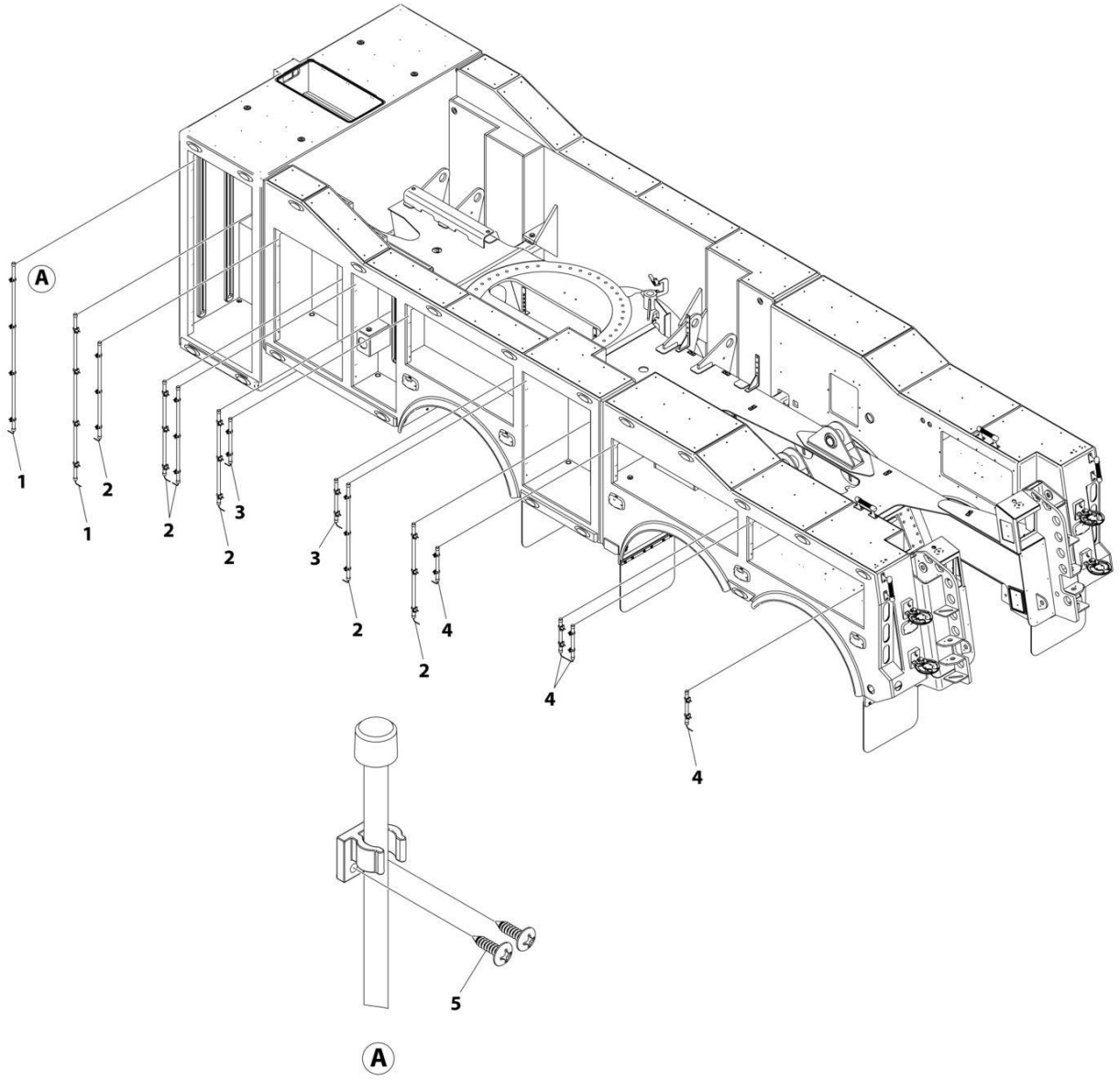


FIGURE 4-90. COMPARTMENT LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206030	NLA	COMPARTMENT LIGHTS INSTALLATION (No longer available, use items 1 through 6 for service or 1001265526 and 1001267366 for replacement)	B
1	1001166546	4	LED Light	
2	1001166547	12	LED Light	
3	1001166548	4	LED Light	
4	1001166549	8	LED Light	
5	1001154530	152	Screw #8 x 5/8	
6	1001199081	76	Mount, Light	

FIGURE 4-91. COMPARTMENT LIGHTS INSTALLATION - 5TS

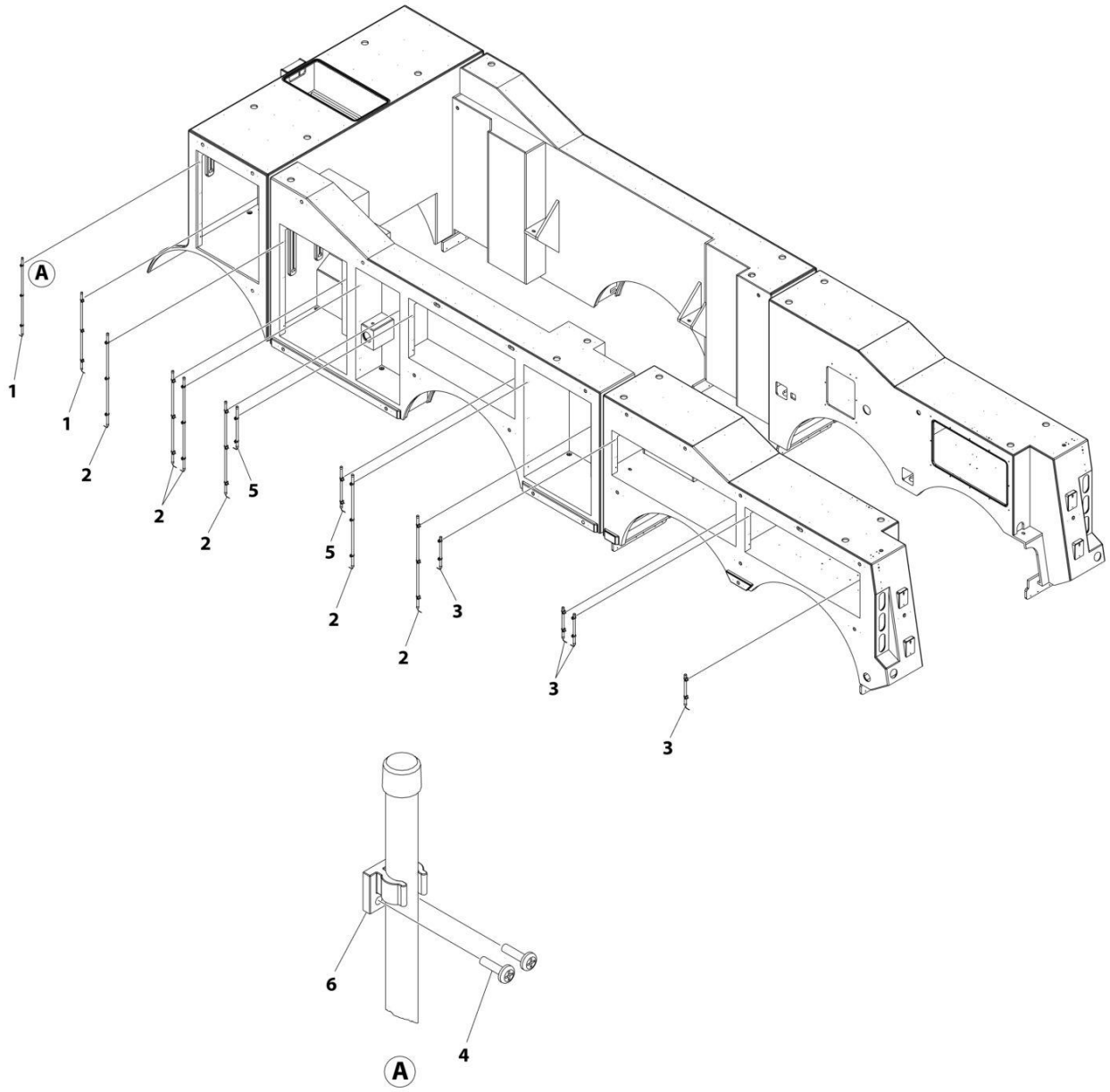


FIGURE 4-91. COMPARTMENT LIGHTS INSTALLATION - 5TS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209168	NLA	COMPARTMENT LIGHTS INSTALLATION - 5TS (No longer available, use items 1 through 6 for service or 1001265526 and 1001265154 for replacement)	B
1	1001182503	4	LED Light	
2	1001166547	12	LED Light	
3	1001166549	8	LED Light	
4	1001154530	144	Screw #8 x 5/8	
5	1001166548	4	LED Light	
6	1001199081	72	Mount, Light	

FIGURE 4-92. COMPARTMENT LIGHTS INSTALLATION

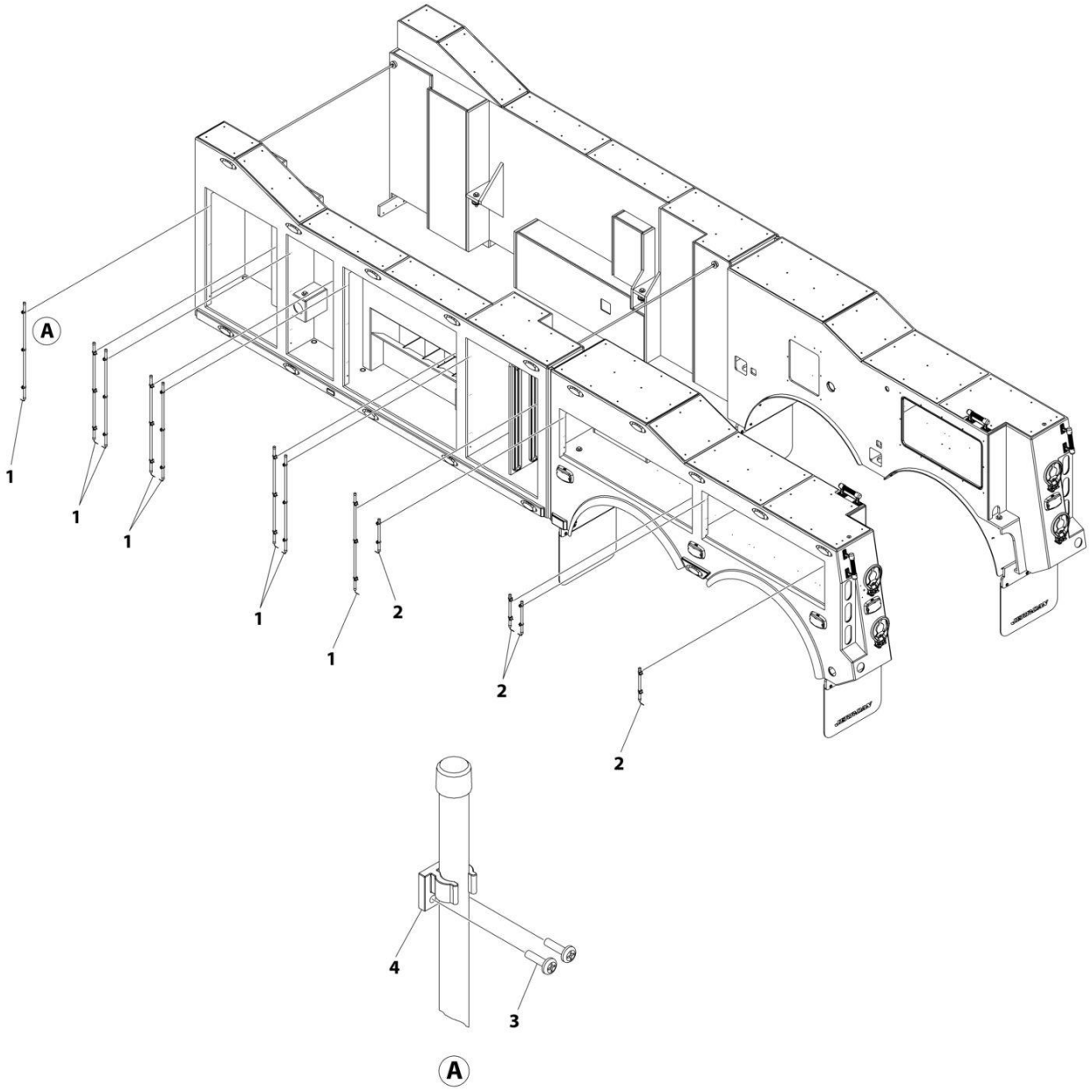


FIGURE 4-92. COMPARTMENT LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001264737	Ref	COMPARTMENT LIGHTS INSTALLATION	A
1	1001166547	16	LED Light	
2	1001166549	8	LED Light	
3	1001154530	128	Screw #8 x 5/8	
4	1001199081	64	Mount, Light	

FIGURE 4-93. COMPARTMENT LIGHTS INSTALLATION

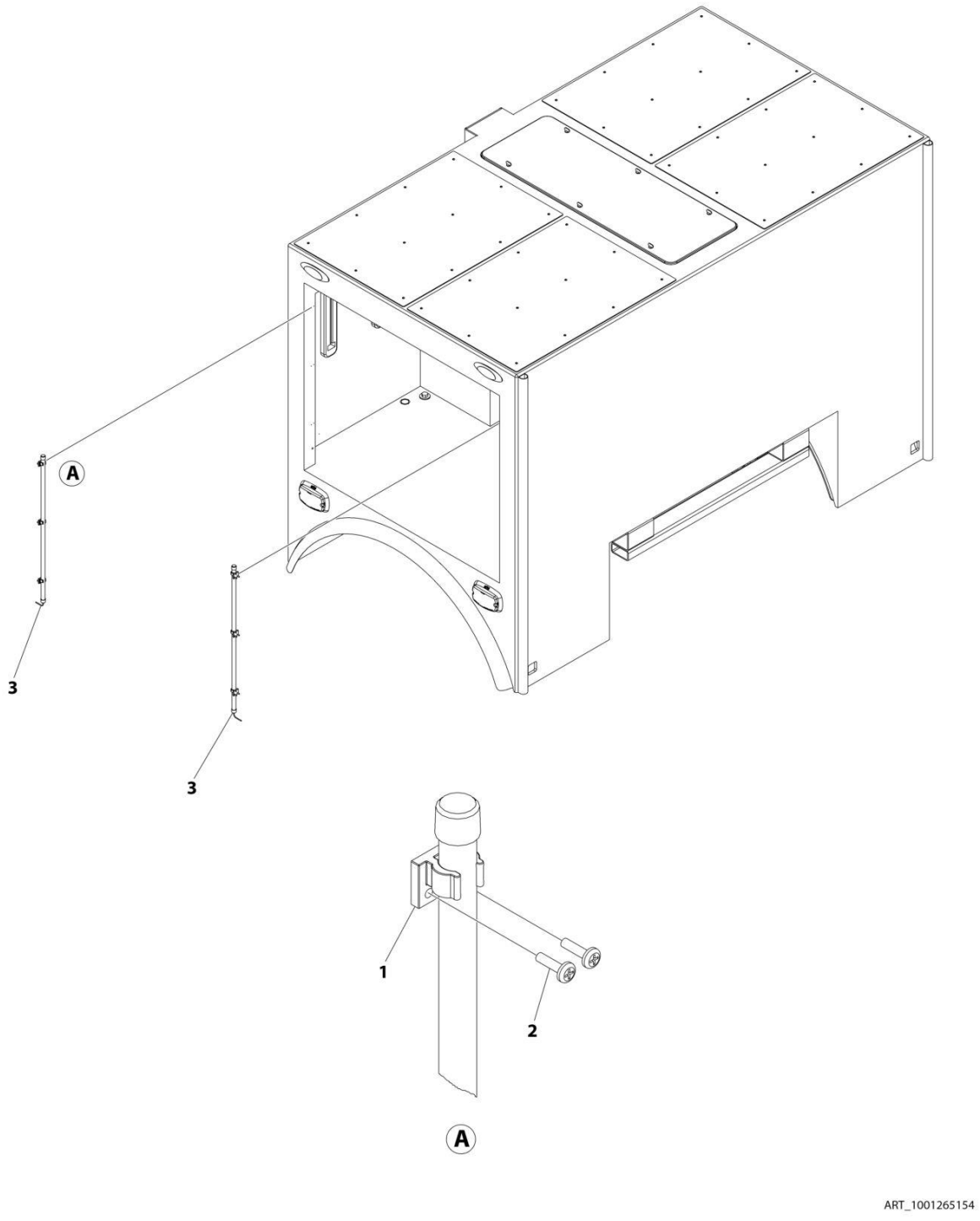


FIGURE 4-93. COMPARTMENT LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265154	Ref	COMPARTMENT LIGHTS INSTALLATION	A
1	1001199081	12	Mount, Light	
2	1001154530	24	Screw #8 x 5/8	
3	1001182503	4	LED Light	

FIGURE 4-94. COMPARTMENT LIGHTS INSTALLATION

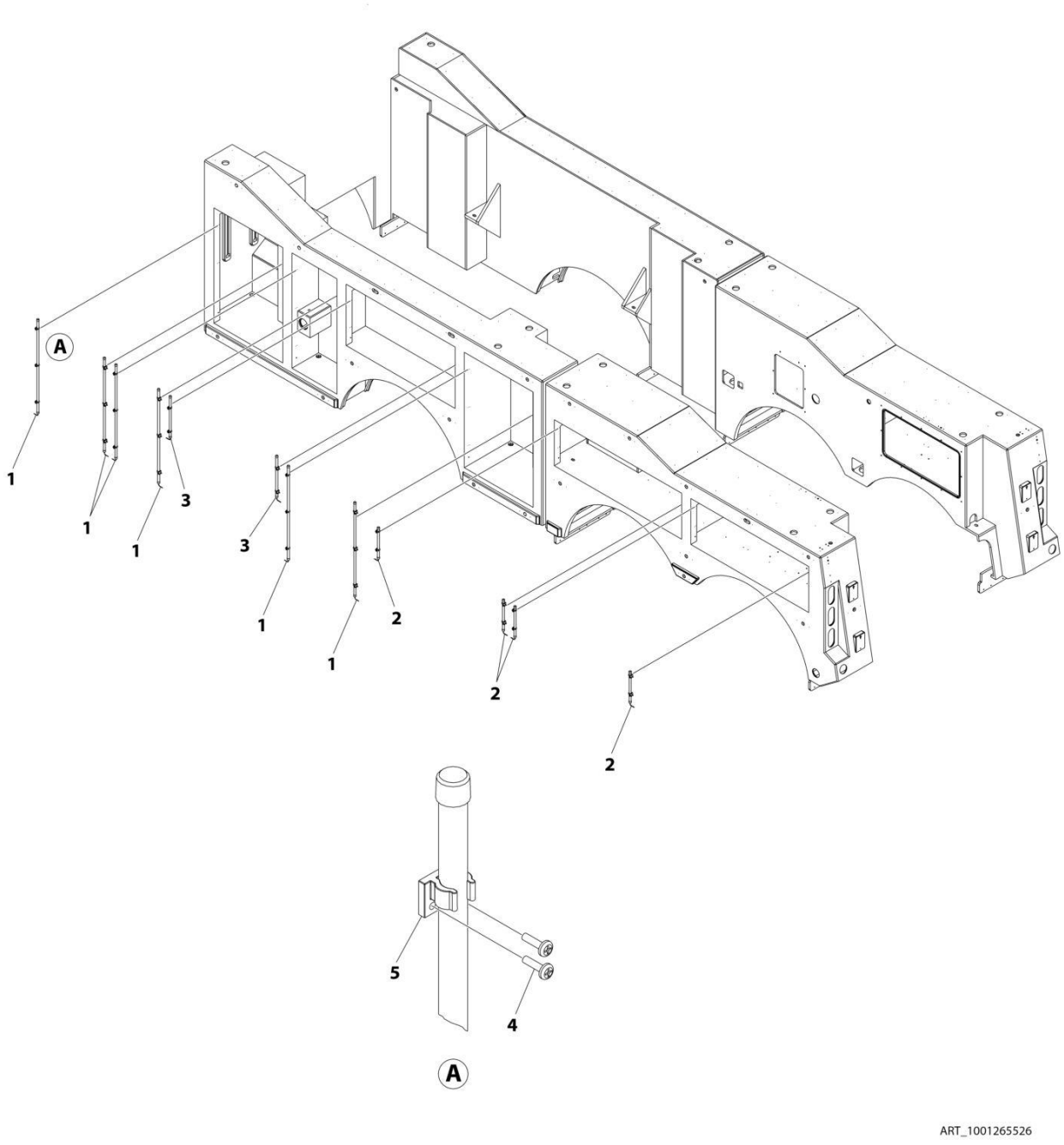


FIGURE 4-94. COMPARTMENT LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265526	Ref	COMPARTMENT LIGHTS INSTALLATION	A
1	1001166547	12	LED Light	
2	1001166549	8	LED Light	
3	1001166548	4	LED Light	
4	1001154530	120	Screw #8 x 5/8	
5	1001199081	60	Mount, Light	

FIGURE 4-95. COMPARTMENT LIGHTS INSTALLATION

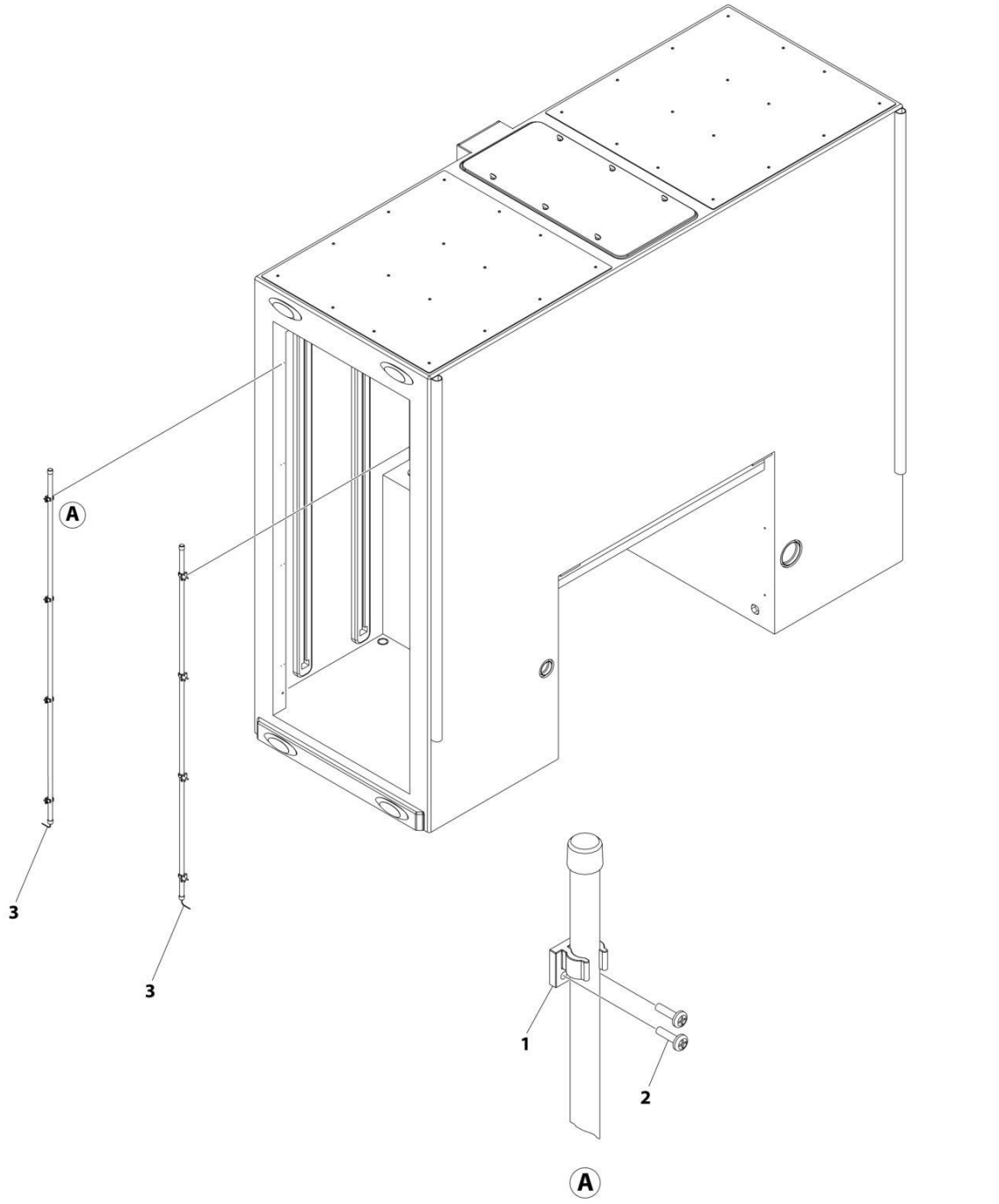


FIGURE 4-95. COMPARTMENT LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267366	Ref	COMPARTMENT LIGHTS INSTALLATION	A
1	1001199081	16	Mount, Light	
2	1001154530	32	Screw #8 x 5/8	
3	1001166546	4	LED Light	

FIGURE 4-96. MARKER/FLASHER LIGHTS INSTALLATION (Prior to SN 0230008542)

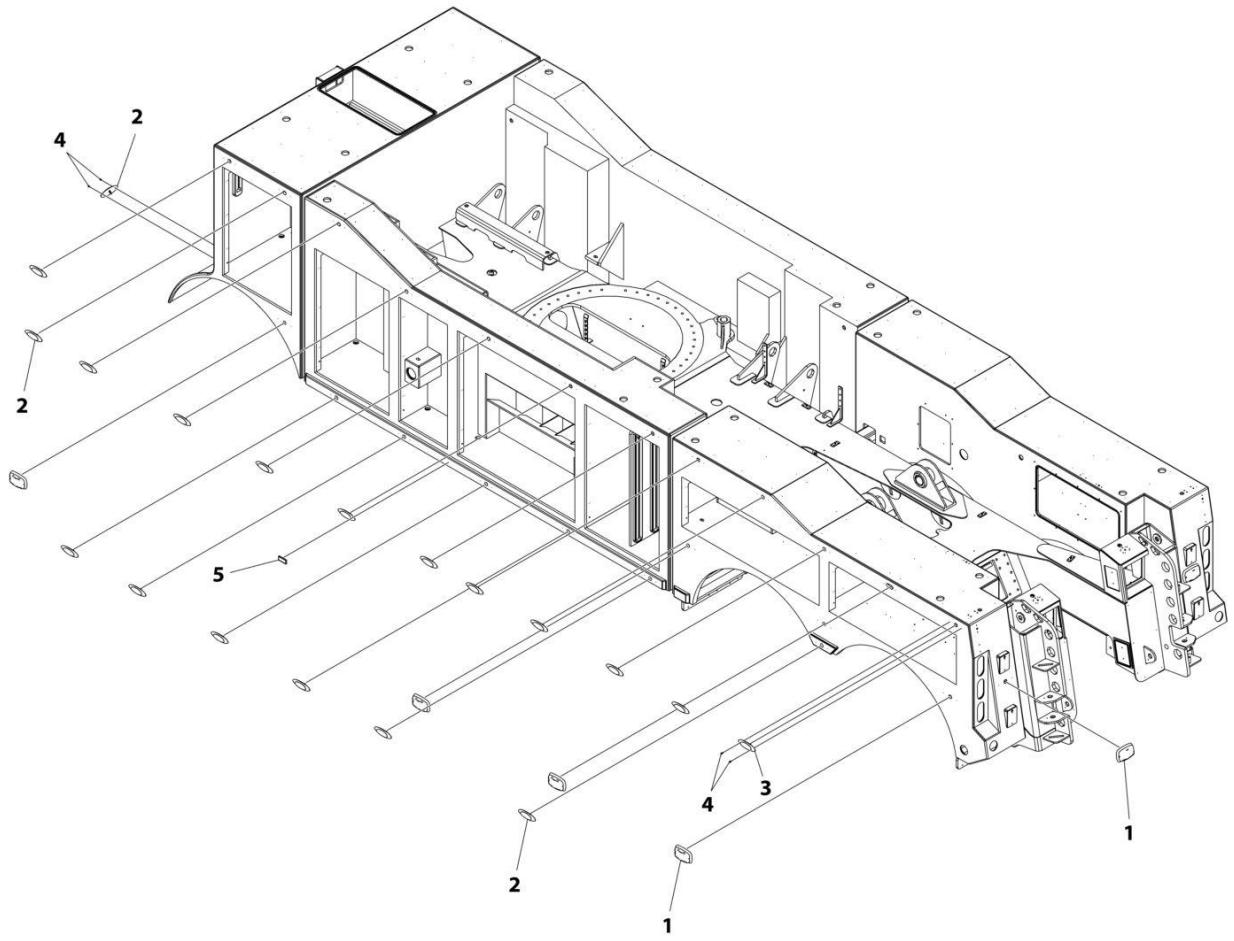


FIGURE 4-96. MARKER/FLASHER LIGHTS INSTALLATION (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182710	Ref	MARKER/FLASHER LIGHTS INSTALLATION	D
1	1001143284	10	Light, Whelen	
2	7590000358	36	Light, Amber	
3	7590000359	2	Light, Red	
4	1001166322	76	Screw #10 x 5/8	
5	7736000001	2	Reflector, Amber	

FIGURE 4-97. MARKER/FLASHER LIGHTS INSTALLATION - 5TS (Prior to SN 0230008542)

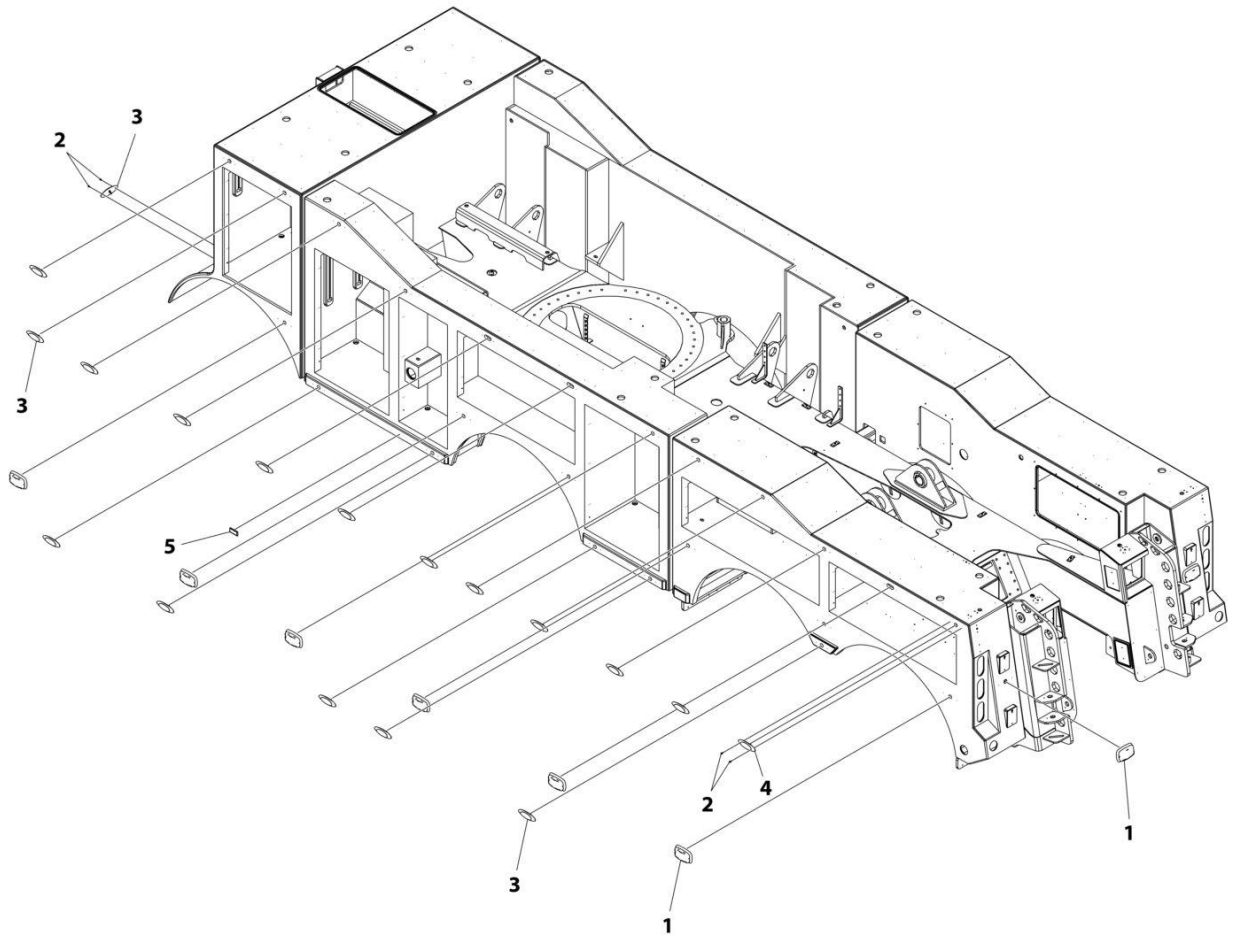


FIGURE 4-97. MARKER/FLASHER LIGHTS INSTALLATION - 5TS (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209171	Ref	MARKER/FLASHER LIGHTS INSTALLATION - 5TS	C
1	1001143284	14	Light, Whelen	
2	1001166322	72	Screw #10 x 5/8	
3	7590000358	34	Light, Amber	
4	7590000359	2	Light, Red	
5	7736000001	2	Reflector, Amber	

FIGURE 4-98. MARKER/FLASHER LIGHTS INSTALLATION (SN 0230008542 to Present)

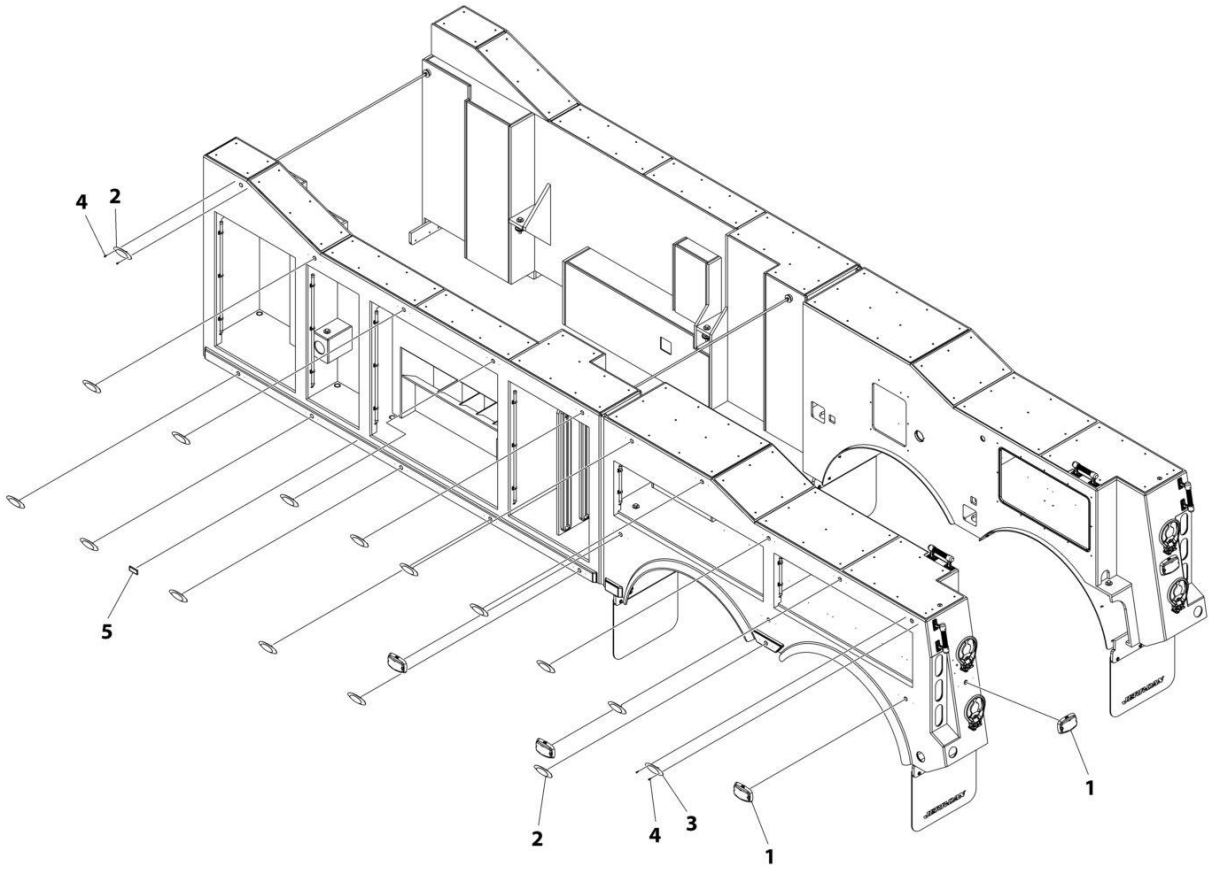


FIGURE 4-98. MARKER/FLASHER LIGHTS INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001264709	Ref	MARKER/FLASHER LIGHTS INSTALLATION	A
1	1001143284	8	Light, Whelen	
2	7590000358	30	Light, Amber	
3	7590000359	2	Light, Red	
4	1001166322	64	Screw #10 x 5/8	
5	7736000001	2	Reflector, Amber	

FIGURE 4-99. MARKER/FLASHER LIGHTS INSTALLATION (SN 0230008542 to Present)

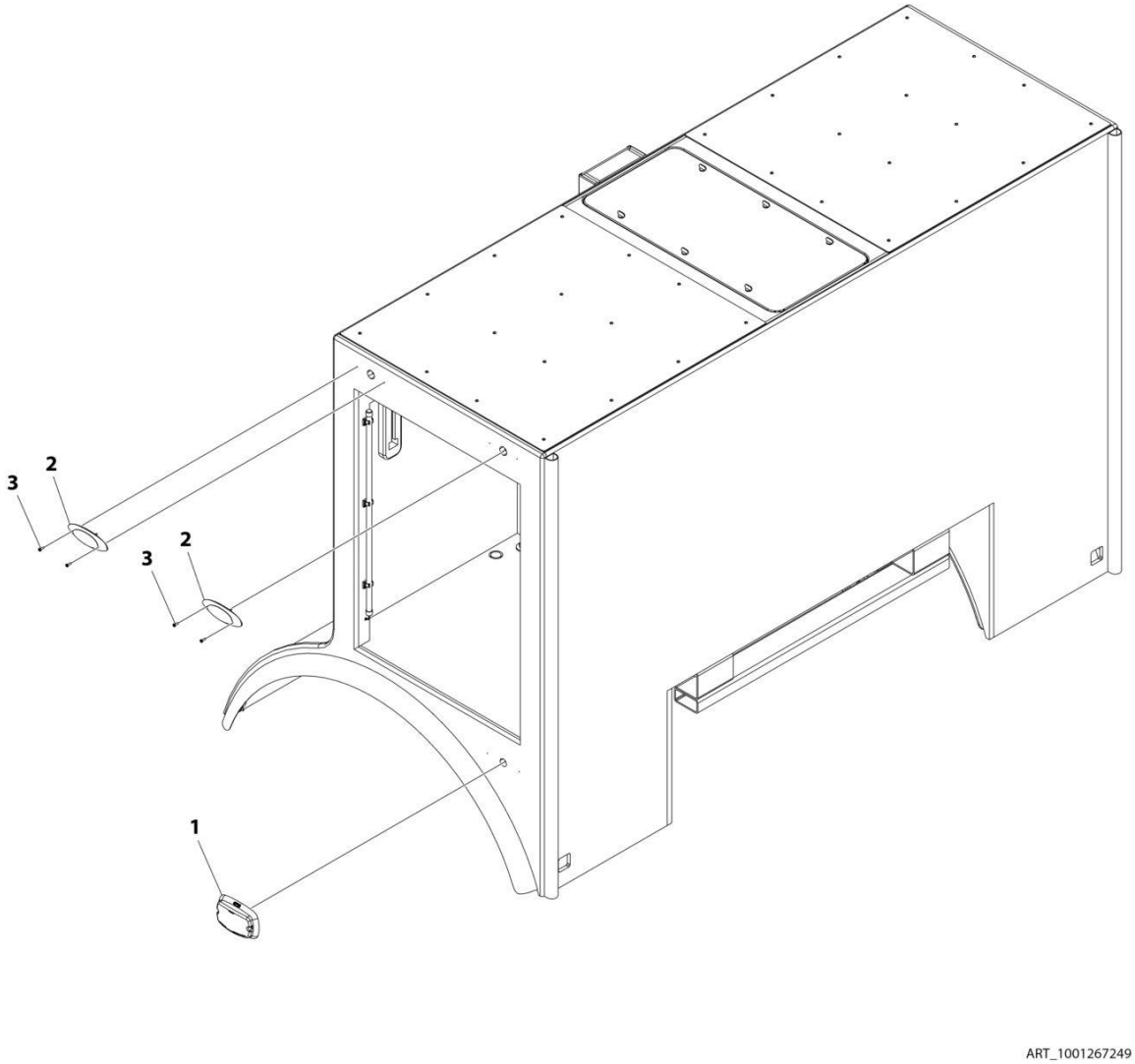


FIGURE 4-99. MARKER/FLASHER LIGHTS INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267249	Ref	MARKER/FLASHER LIGHTS INSTALLATION	A
1	1001143284	2	Light, Whelen	
2	7590000358	4	Light, Amber	
3	1001166322	8	Screw #10 x 5/8	

FIGURE 4-100. PIN STORAGE OUTRIGGERS INSTALLATION

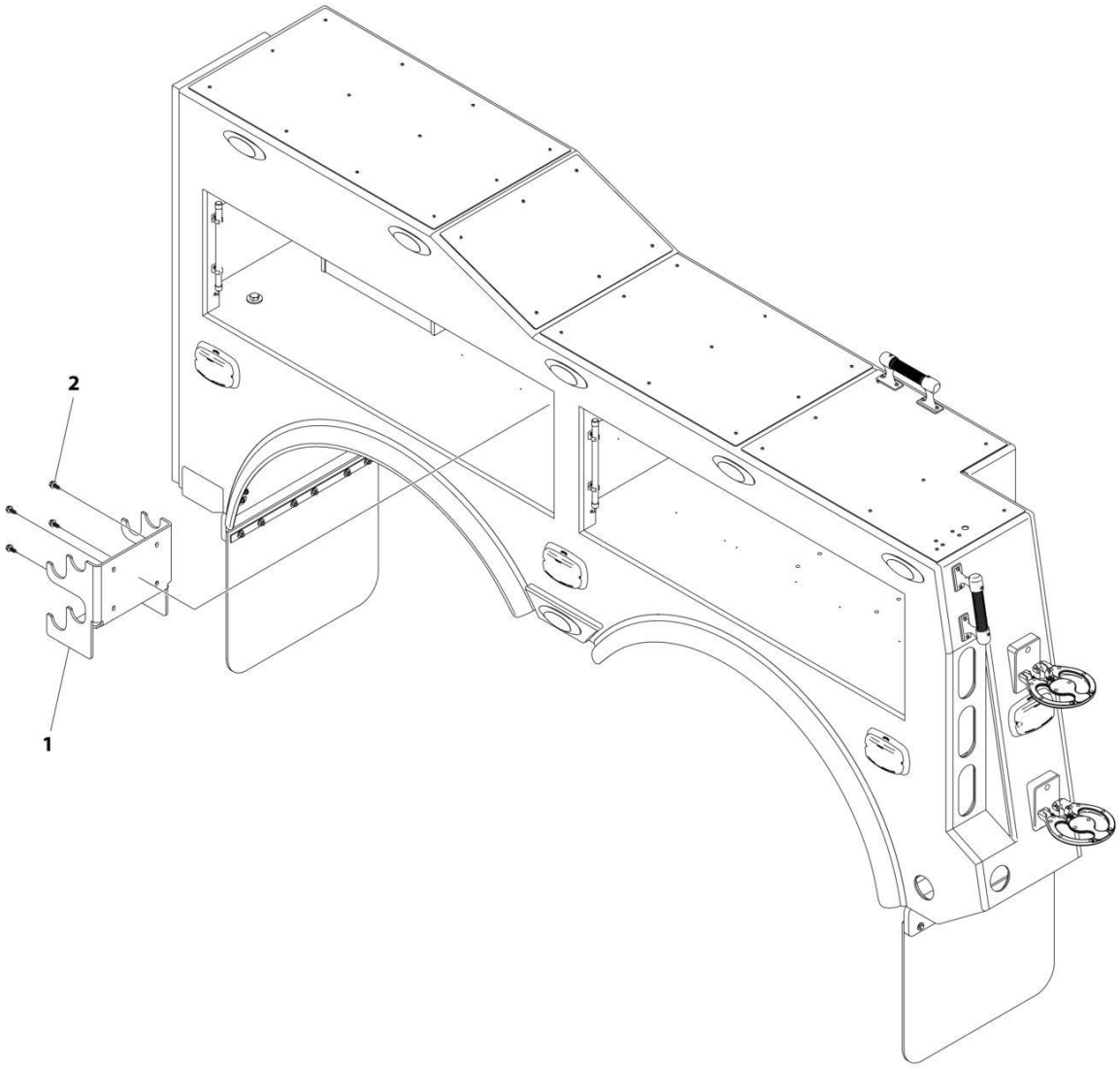


FIGURE 4-100. PIN STORAGE OUTRIGGERS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166899	Ref	Pin Storage Outriggers Installation	B
1	1001180725	2	Bracket	
2	1001141265	8	Screw #14 x 3/4	

FIGURE 4-101. GRAB HANDLES INSTALLATION

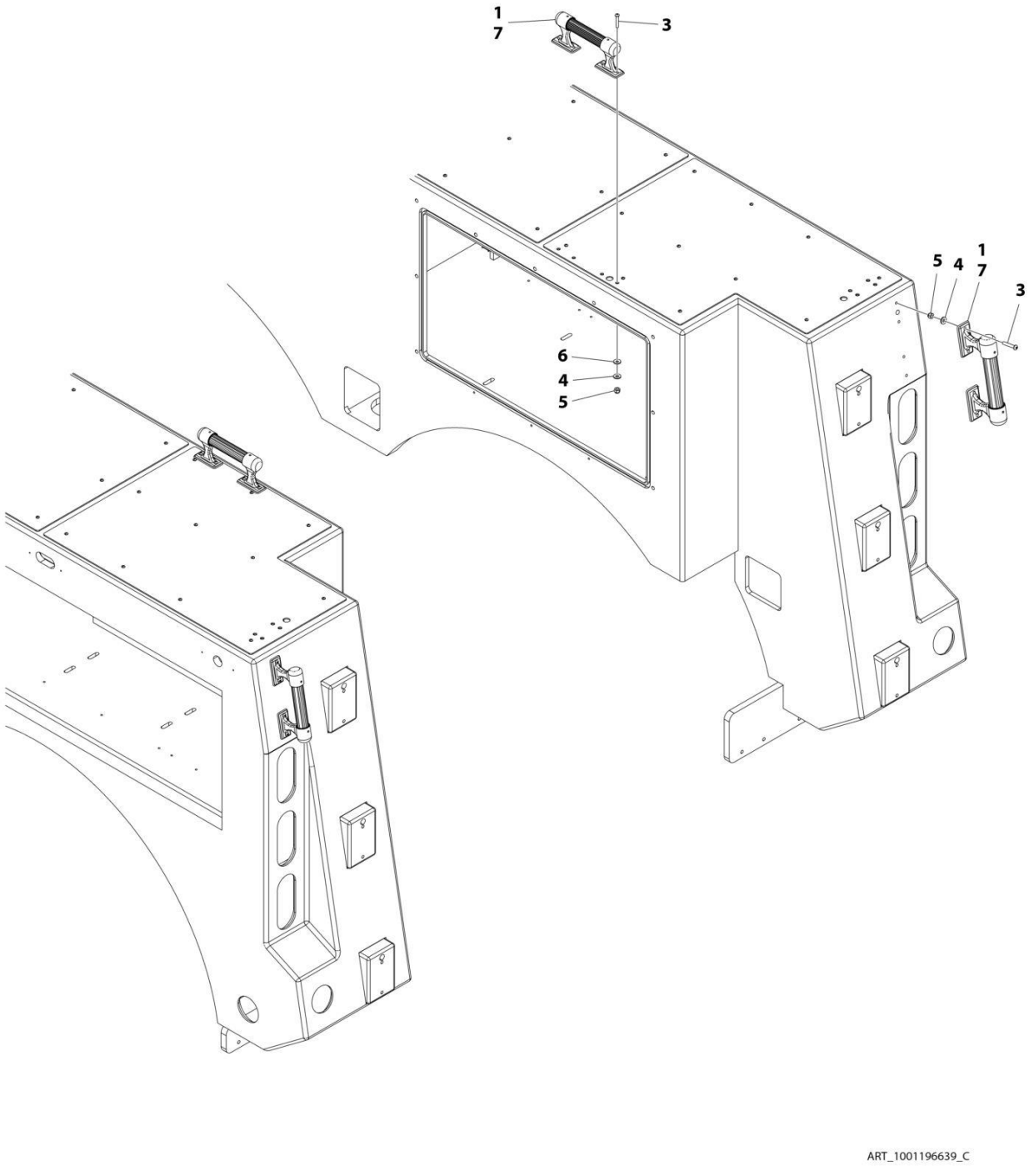


FIGURE 4-101. GRAB HANDLES INSTALLATION

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 4-102. MUD FLAPS INSTALLATION

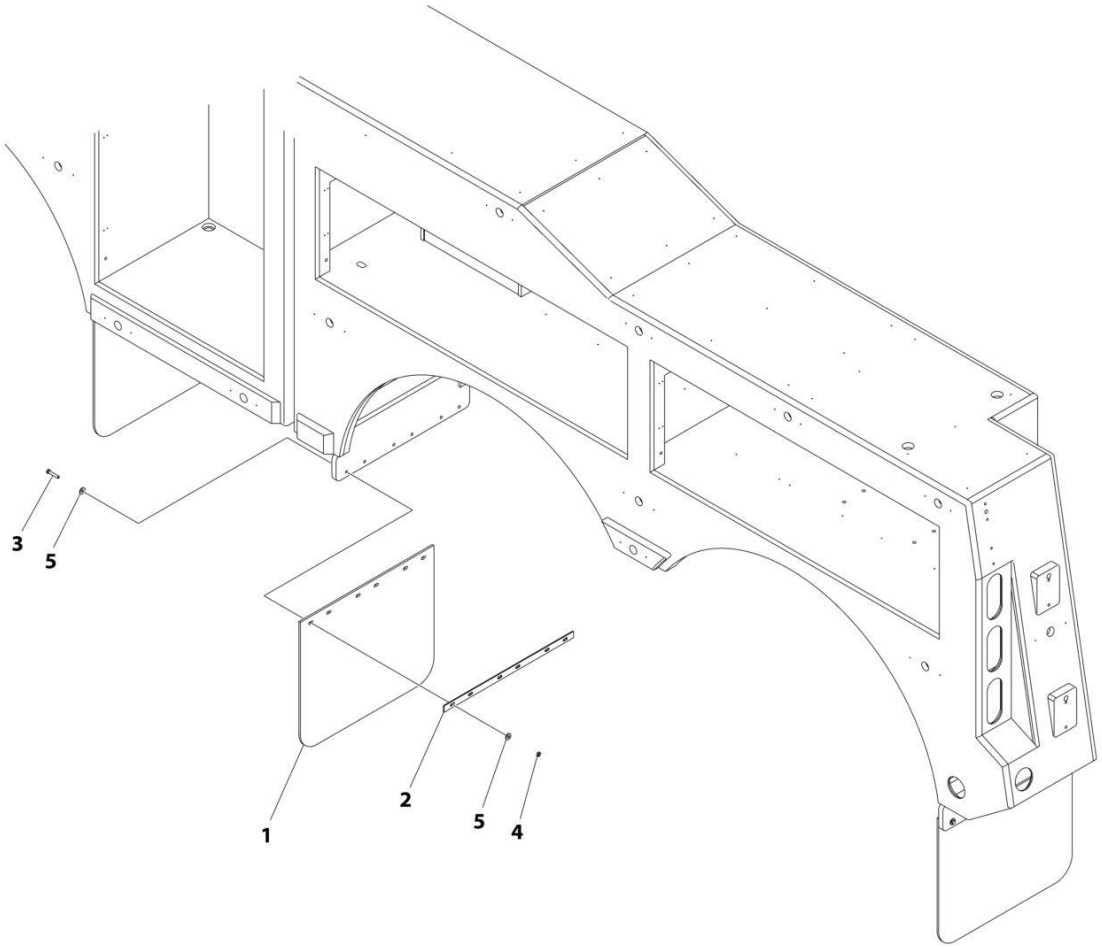


FIGURE 4-102. MUD FLAPS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166220	NLA	MUD FLAPS INSTALLATION (No longer available, use items 1 through 5 for service or 1001196790 for replacement)	E
1	1001174051	6	Mud Flap	
2	4706001815	6	Plate	
3	7115151450	34	Bolt 5/16 x 1-3/4	
4	7660152601	34	Nut 5/16	
5	7950150161	68	Washer 5/16	

FIGURE 4-103. MUD FLAPS INSTALLATION

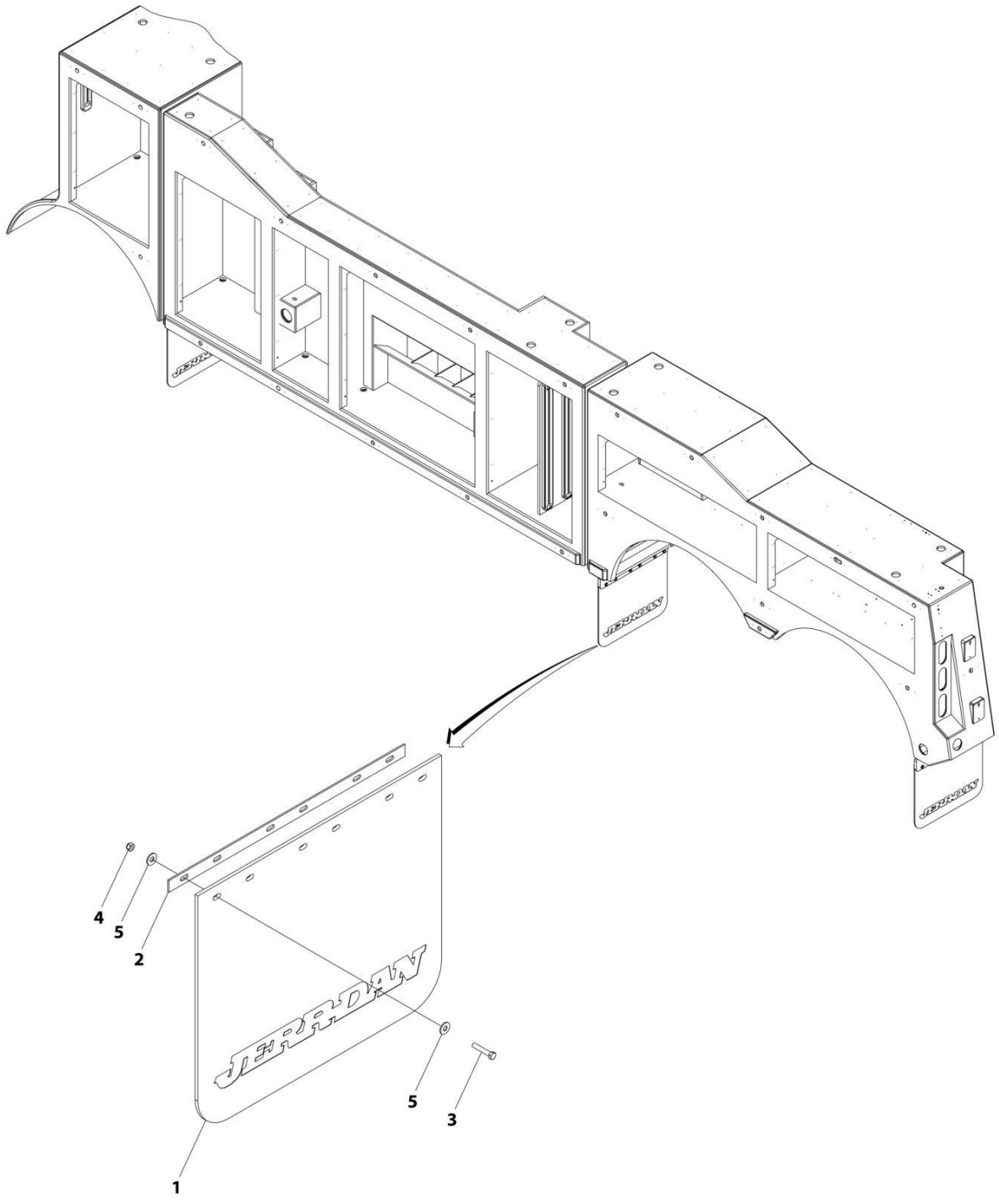


FIGURE 4-103. MUD FLAPS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182606	NLA	MUD FLAPS INSTALLATION (No longer available, use items 1 through 5 for service or 1001196790 for replacement)	C
1	1001174051	6	Mud Flap	
2	4706001815	6	Plate	
3	7115151450	34	Bolt 5/16 x 1-3/4	
4	7660152601	34	Nut 5/16	
5	7950150161	68	Washer 5/16	

FIGURE 4-104. MUD FLAPS INSTALLATION - 5TS

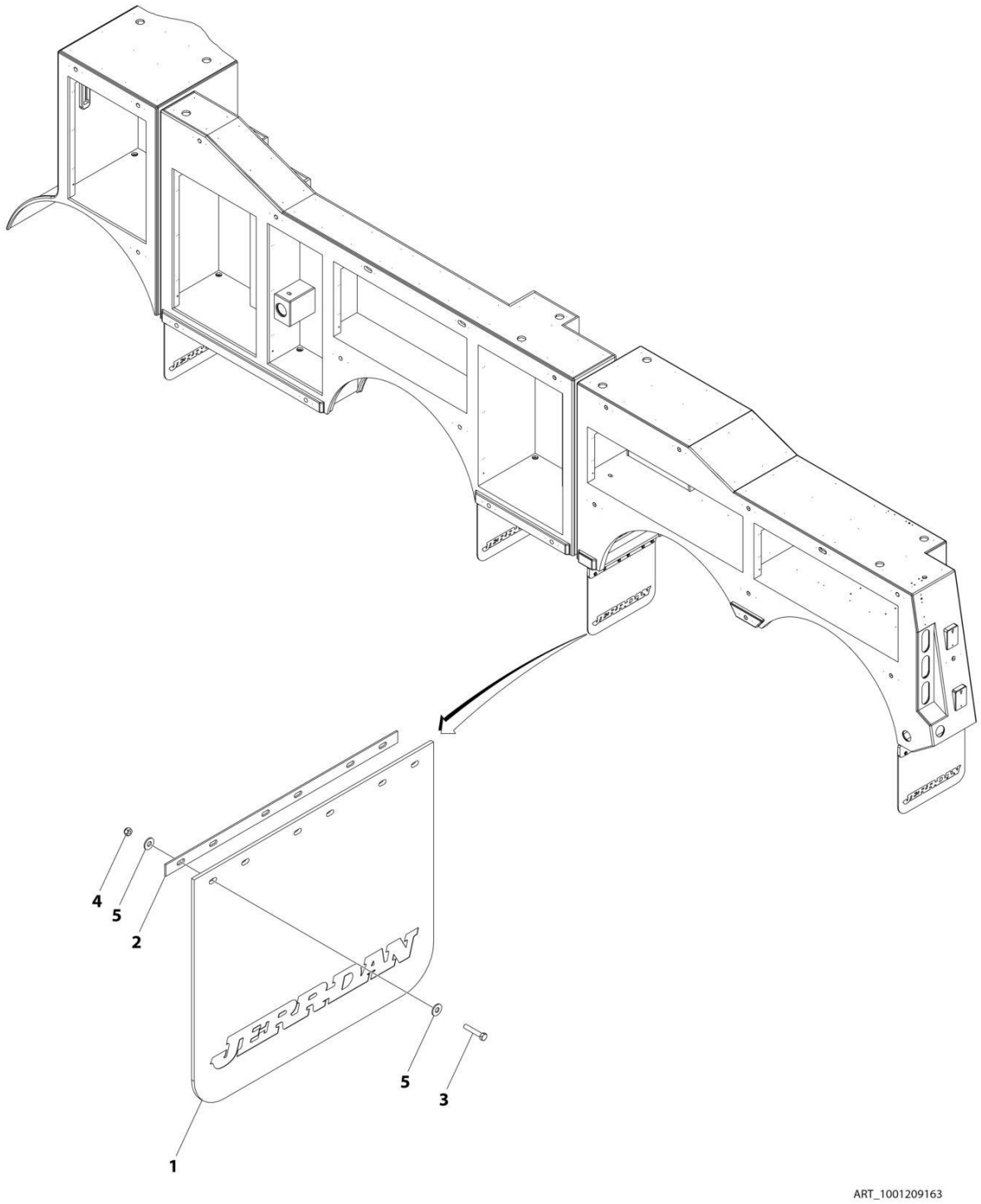


FIGURE 4-104. MUD FLAPS INSTALLATION - 5TS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209163	NLA	MUD FLAPS INSTALLATION - 5TS (No longer available, use items 1 through 5 for service or 1001196790 for replacement)	B
1	1001174051	8	Mud Flap	
2	4706001815	8	Plate	
3	7115151450	44	Bolt 5/16 x 1-3/4	
4	7660152601	44	Nut 5/16	
5	7950150161	97	Washer 5/16	

FIGURE 4-105. MUD FLAPS INSTALLATION

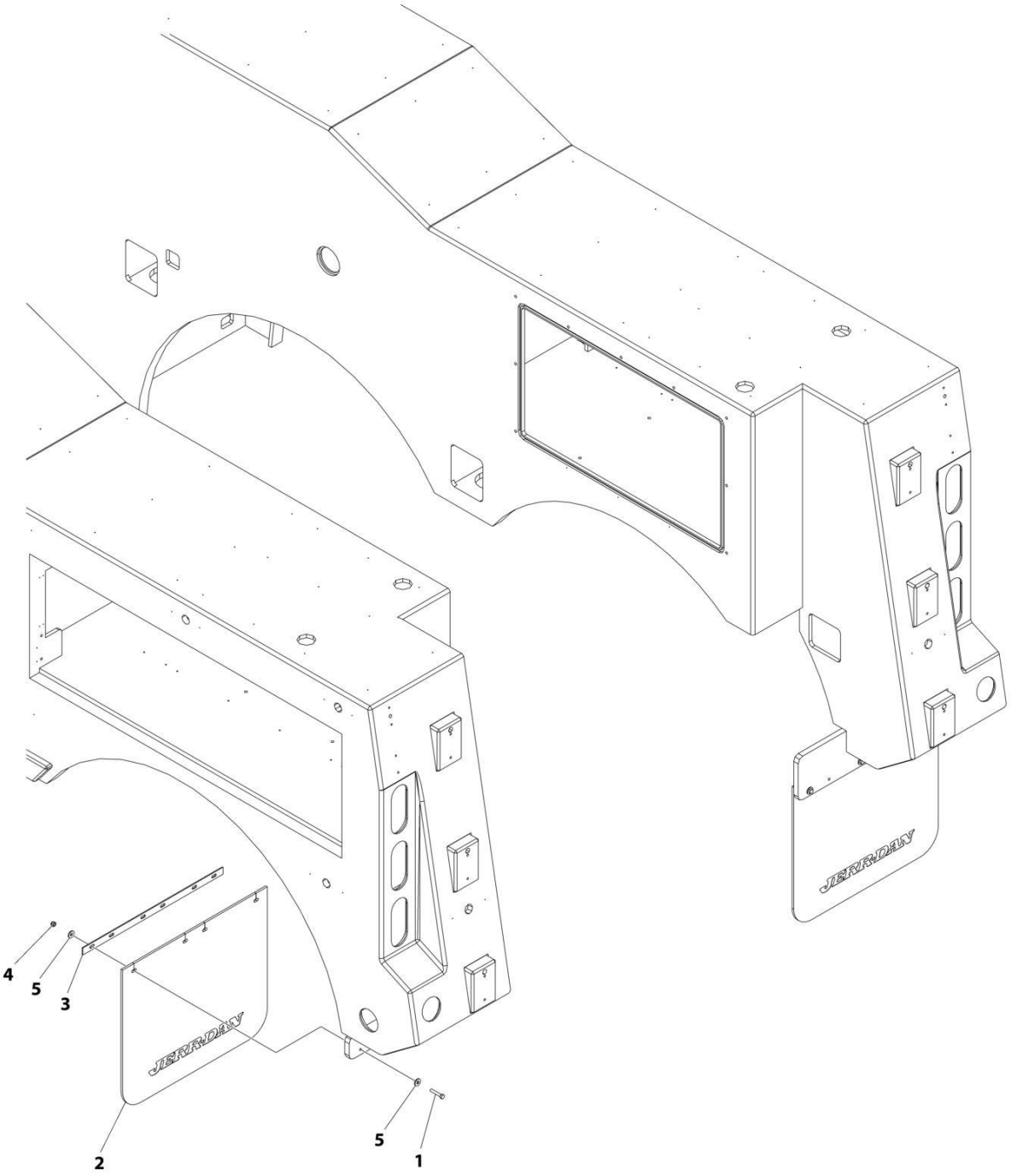


FIGURE 4-105. MUD FLAPS INSTALLATION

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 4-106. DEF TANK RELOCATION INSTALLATION

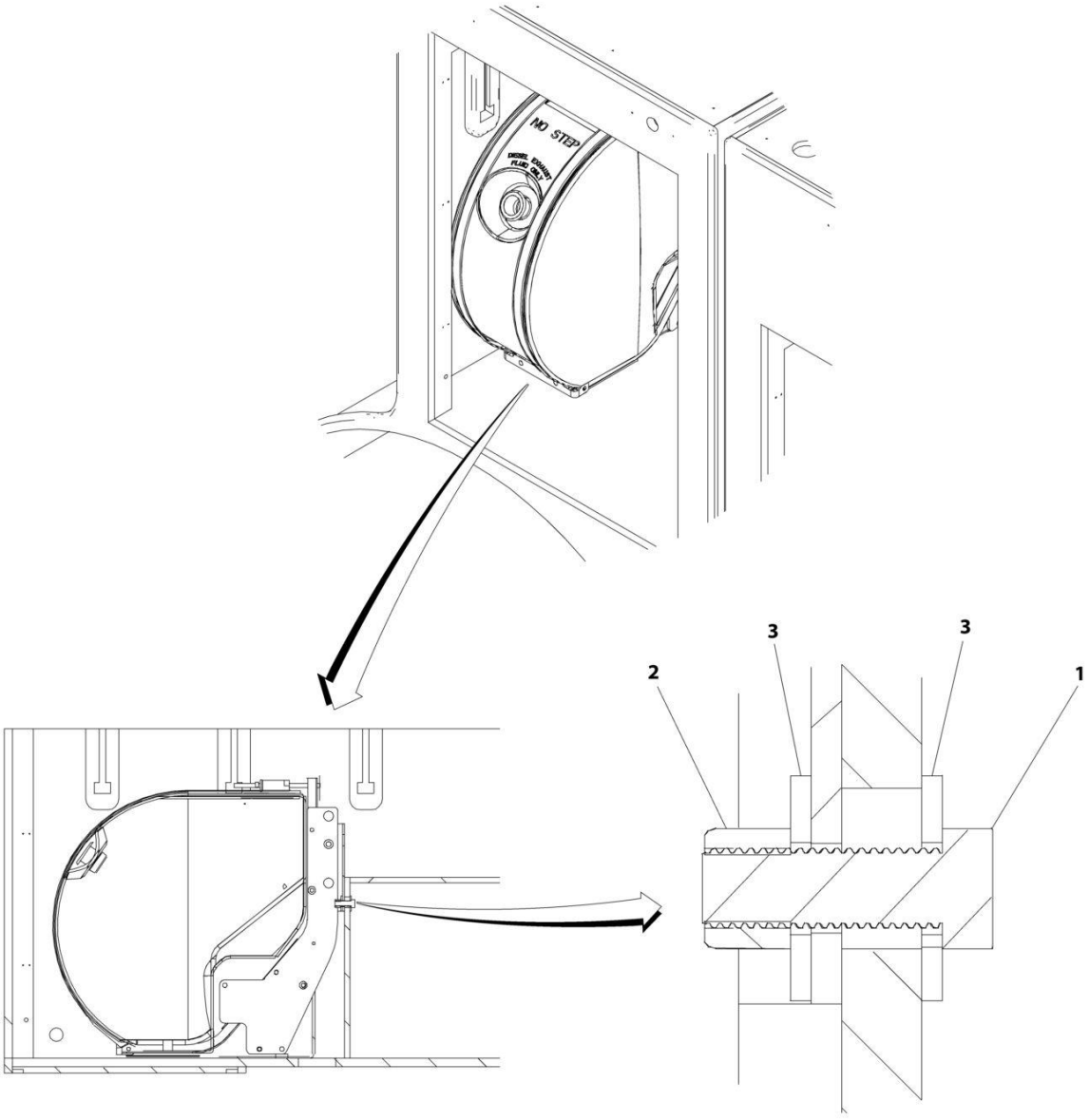
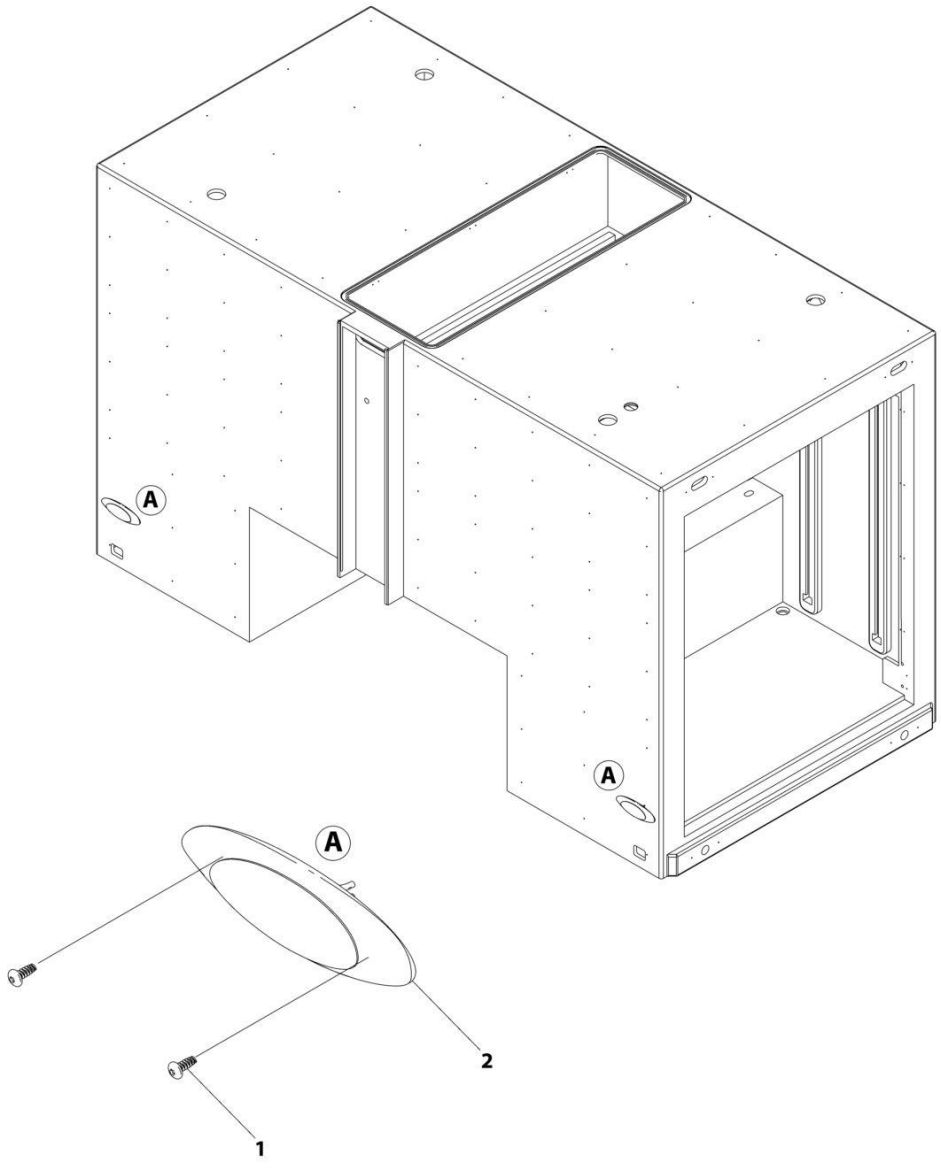


FIGURE 4-106. DEF TANK RELOCATION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192988	Ref	DEF Tank Relocation Installation	B
1	7114181250	2	Capscrew 1/2 x 1-1/2	
2	7660182601	2	Nut 1/2	
3	7950180161	4	Washer 1/2	

FIGURE 4-107. NO FRONT DIAMOND, MARKER ONLY



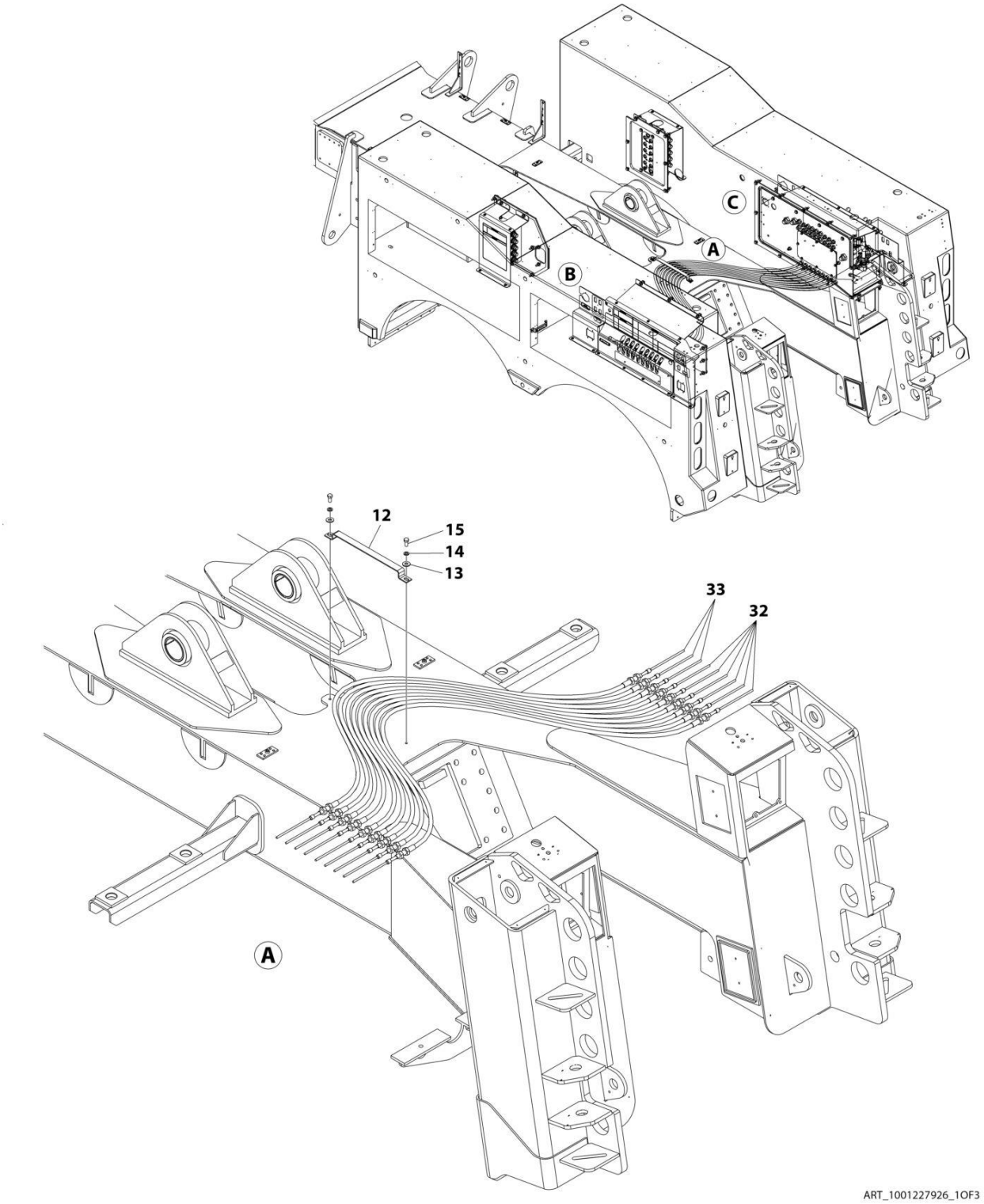
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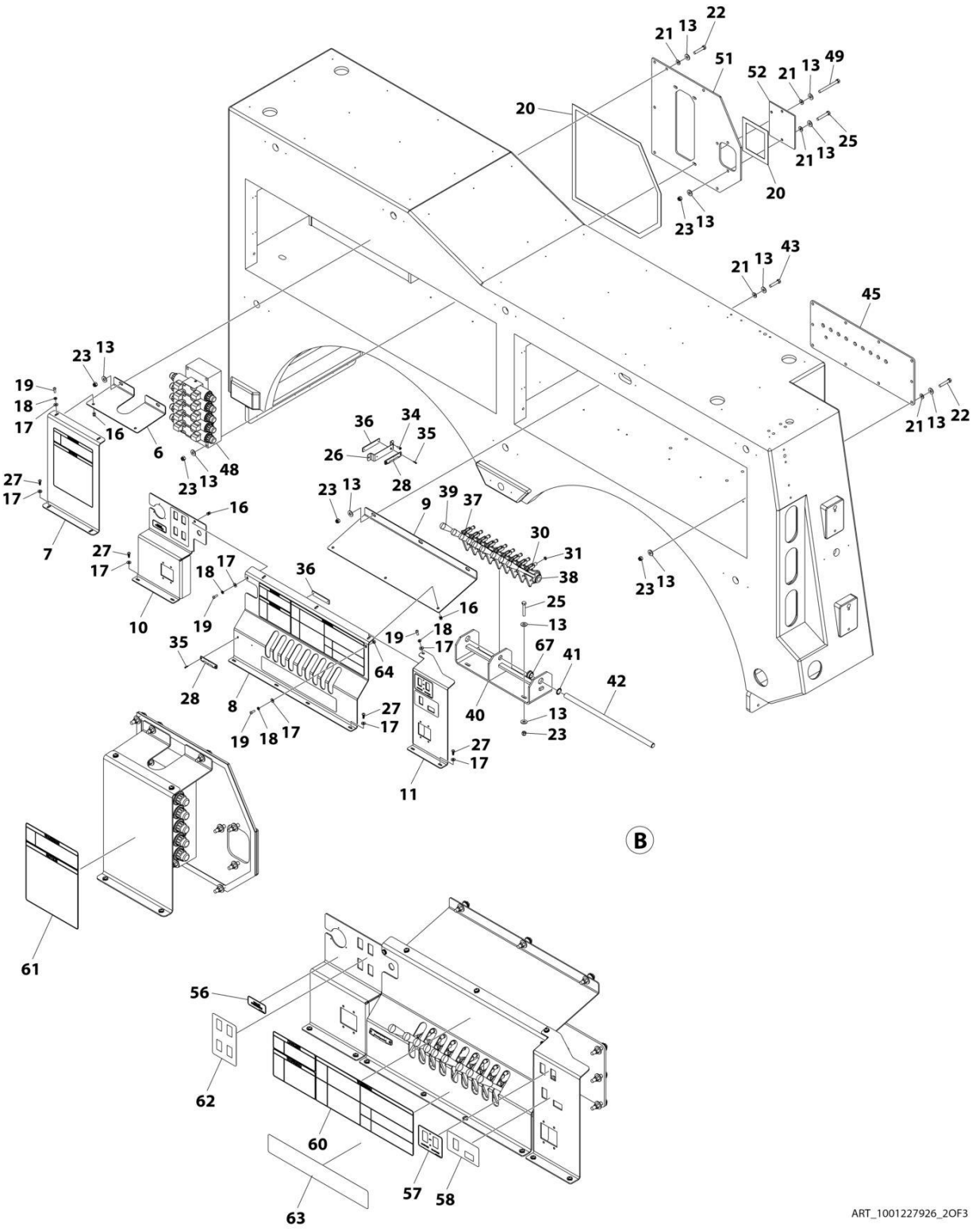
FIGURE 4-107. NO FRONT DIAMOND, MARKER ONLY

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

SECTION 5 - CONTROLS

FIGURE 5-1. CONTROLS INSTALLATION - 9 SECTION (Prior to SN 0230009052)




ART_1001227926_2OF3

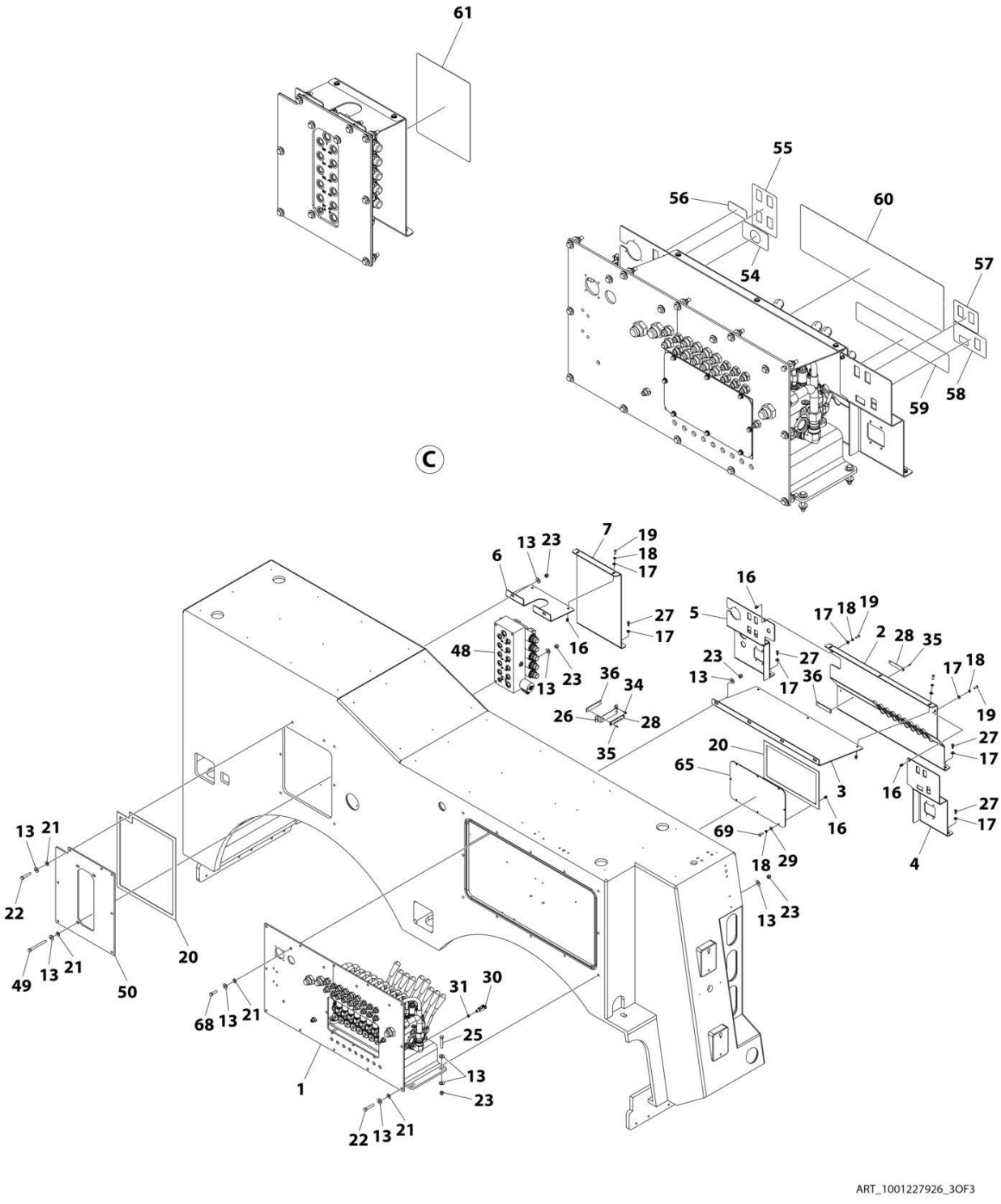
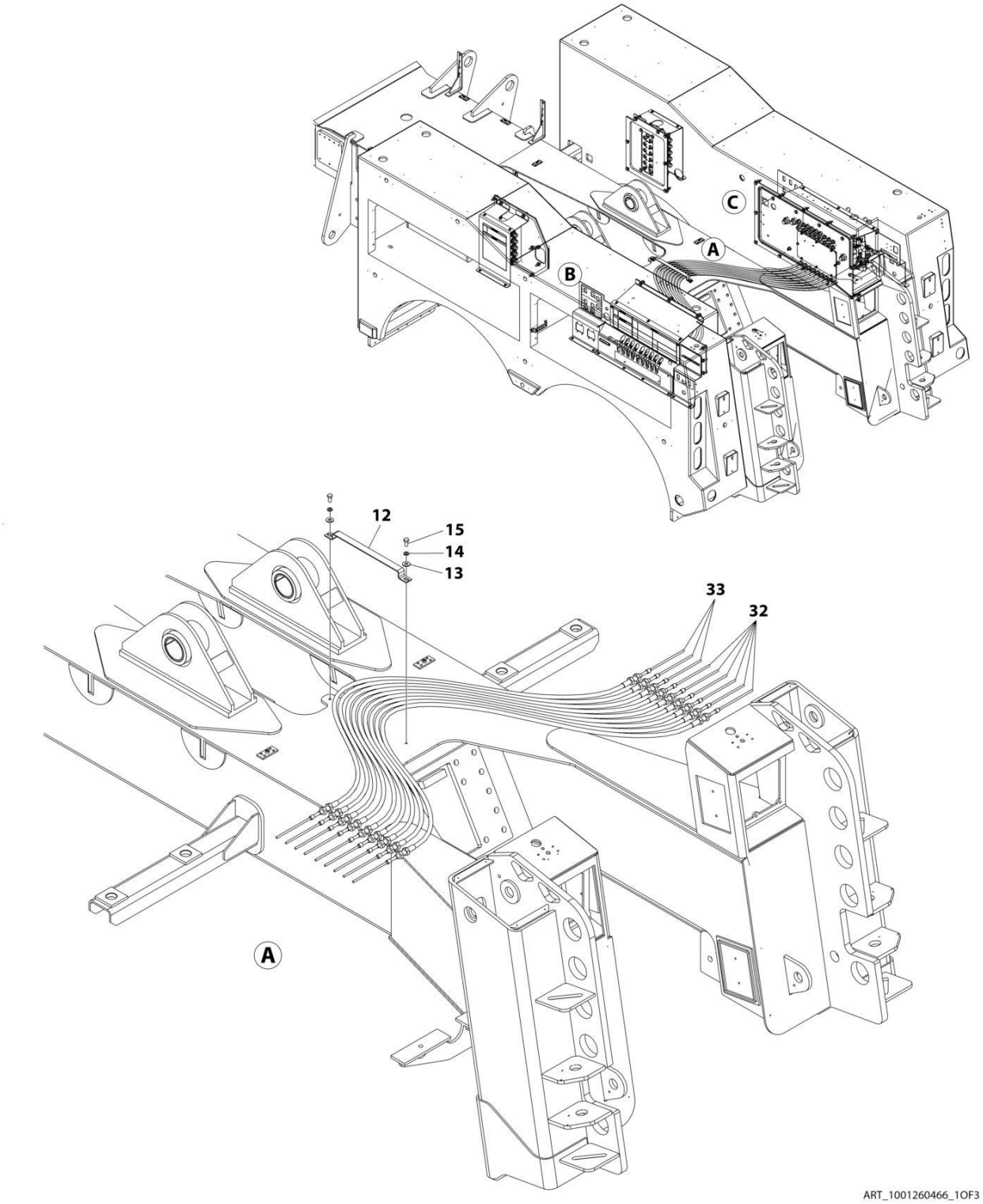

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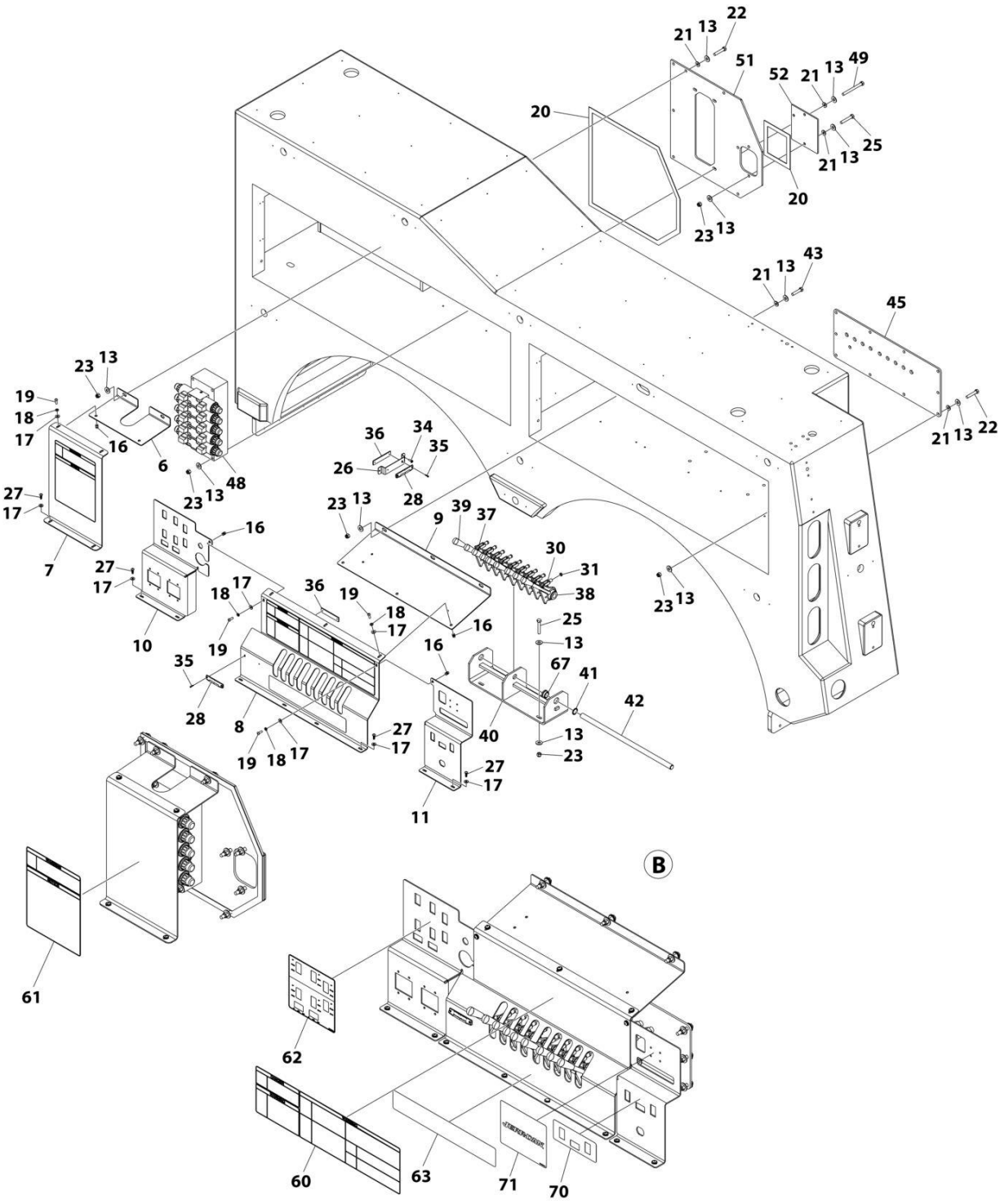
FIGURE 5-1. CONTROLS INSTALLATION - 9 SECTION (Prior to SN 0230009052)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227926	Ref	CONTROLS INSTALLATION - 9 SECTION	D
1	1001231449	1	Valve Assembly, 9 Section (See Separate Breakdown in this Section)	
2	1001227929	1	Panel, RH 9 Section	
3	1001172651	1	Panel, Top	
4	1001228348	1	Panel, RH	
5	1001228346	1	Panel, RH	
6	1001134411	2	Panel	
7	1001134412	1	Panel	
8	1001228513	1	Panel, LH 9 Section	
9	1001130347	1	Panel	
10	1001228345	1	Panel	
11	1001228347	1	Panel	
12	4062000717	1	Bar	
13	4751600	120	Washer 3/8	
14	4761600	2	Washer 3/8	
15	0641606	2	Bolt 3/8 x 3/4	
16	7413000002	21	Nutsert 1/4	
17	7950140143	34	Washer 1/4	
18	7950140003	22	Washer 1/4	
19	7114140618	14	Capscrew 1/4 x 3/4	
20	7796000012	17.2 ft	Seal	
21	1001166974	51	Washer 3/8	
22	0641616	35	Bolt 3/8 x 2	
23	3300492	59	Nut 3/8	
25	0641618	11	Bolt 3/8 x 2 1/4	
26	1001167099	2	Level	
27	1001194676	20	Screw 1/4 x 3/4	
28	1001156279	4	Inclinometer	
29	1001166978	8	Washer 1/4	
30	7577000273	18	Yoke, 9 Section	
31	7660140230	18	Nut 1/4	
32	1001163652	6	Cable, 107in	
33	1001163651	3	Cable, 99in	
34	1001166322	4	Screw #10 x 5/8	
35	7120000047	8	Screw #4 x 5/8	
36	1001156079	4	Bar	
37	1001184827	3	Handle, Long	
38	1001184828	6	Handle, Short	
39	1001130491	9	Ball Knob	
40	1001130262	1	Bracket	
41	7754000009	2	Retaining Ring	
42	7806000008	1	Shaft	
43	0641614	3	Bolt 3/8 x 1-3/4	
45	1001230247	1	Plate	
48	1001134376	2	Outrigger Valve Assembly (See Separate Breakdownin this Section)	
49	0641632	6	Bolt 3/8 x 4	
50	1001137159	1	Plate	
51	1001163674	1	Plate	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
52	1001163687	1	Plate	
54	1001257300	1	Decal, Air Tensioner	
55	1001134462	1	Decal, Outriggers	
56	1001131032	2	Decal, Valve pressure	
57	1001134461	2	Decal, Spades	
58	1001154075	2	Decal, Swing	
59	1001134450	1	Decal, RH	
60	1001136146	2	Decal	
61	1001137160	2	Decal	
62	1001134463	1	Decal, Outrigger	
63	1001130696	1	Decal, LH	
64	3311401	1	Nut 1/4	
65	1001130450	1	Panel	
67	7082000005	2	Bearing	
68	0641610	8	Bolt 3/8 x 1-1/4	
69	7114140650	4	Bolt 1/4 x 3/4	

FIGURE 5-2. CONTROLS INSTALLATION - 9 SECTION (SN 0230009052 to Present)




ART_1001260466_2OF3

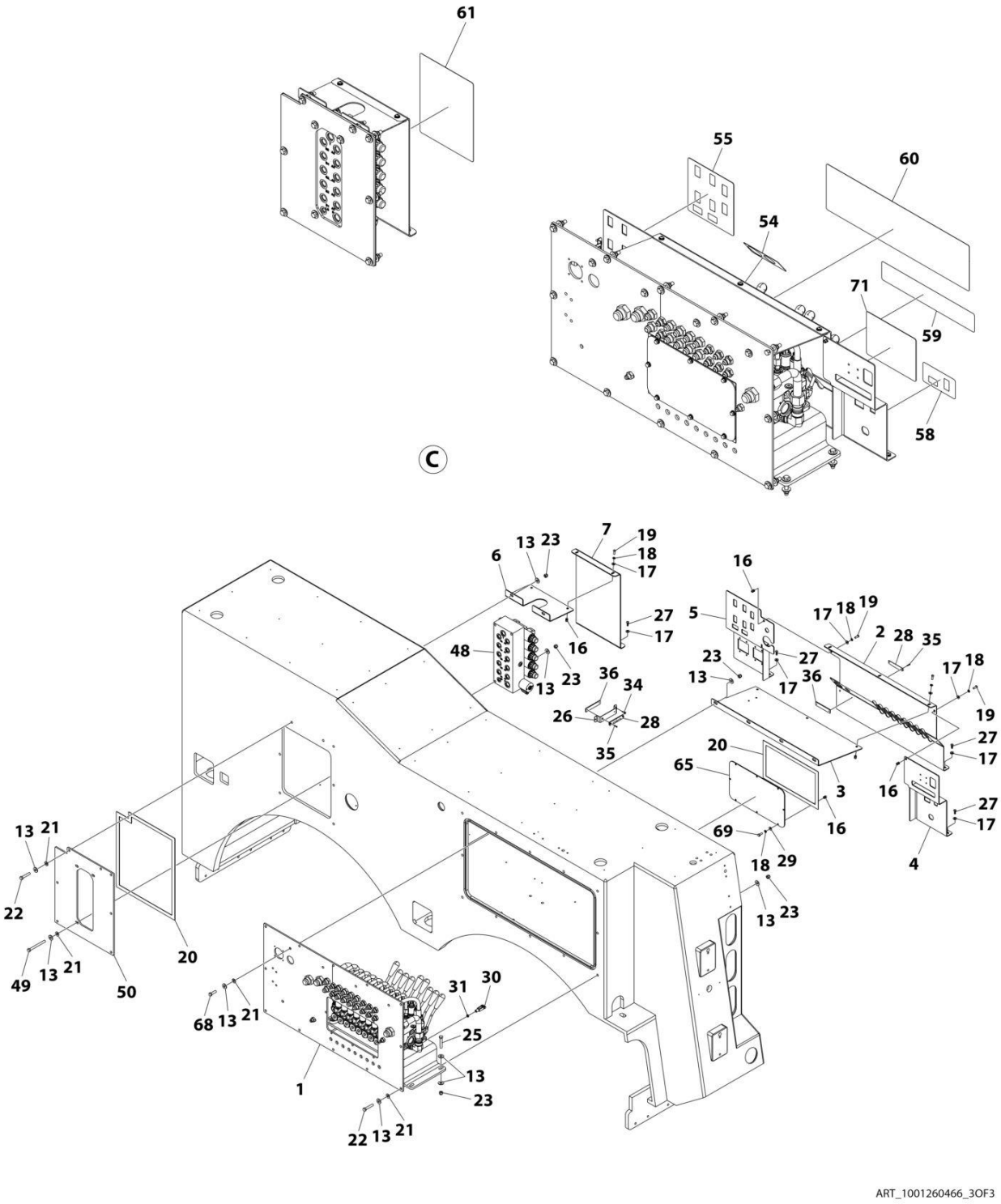

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ART_1001260466_3OF3

FIGURE 5-2. CONTROLS INSTALLATION - 9 SECTION (SN 0230009052 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260466	Ref	CONTROLS INSTALLATION - 9 SECTION	B
1	1001231449	1	Valve Assembly, 9 Section (See Separate Breakdown in this Section)	
2	1001263047	1	Panel, RH 9 Section	
3	1001260552	1	Panel, Top	
4	1001239606	1	Panel, RH	
5	1001239607	1	Panel, RH	
6	1001134411	2	Panel	
7	1001134412	2	Panel	
8	1001263048	1	Panel, LH 9 Section	
9	1001260551	1	Panel, Top	
10	1001239630	1	Panel, LH	
11	1001239609	1	Panel, LH	
12	4062000717	1	Bar	
13	4751600	120	Washer 3/8	
14	4761600	2	Washer 3/8	
15	0641606	2	Bolt 3/8 x 3/4	
16	7413000002	22	Nutsert 1/4	
17	7950140143	34	Washer 1/4	
18	7950140003	22	Washer 1/4	
19	7114140618	14	Capscrew 1/4 x 3/4	
20	7796000012	17.2 ft	Seal	
21	1001166974	51	Washer 3/8	
22	0641616	30	Bolt 3/8 x 2	
23	3300492	59	Nut 3/8	
25	0641618	16	Bolt 3/8 x 2 1/4	
26	1001167099	2	Level	
27	1001194676	20	Screw 1/4 x 3/4	
28	1001156279	4	Inclinometer	
29	1001166978	8	Washer 1/4	
30	7577000273	18	Yoke, 9 Section	
31	7660140230	18	Nut 1/4	
32	1001163652	6	Cable, 107in	
33	1001163651	3	Cable, 99in	
34	1001166322	4	Screw #10 x 5/8	
35	7120000047	8	Screw #4 x 5/8	
36	1001156079	4	Bar	
37	1001184827	3	Handle, Long	
38	1001184828	6	Handle, Short	
39	1001130491	9	Ball Knob	
40	1001130262	1	Bracket	
41	7754000009	2	Retaining Ring	
42	7806000008	1	Shaft	
43	0641614	3	Bolt 3/8 x 1-3/4	
45	1001230247	1	Plate	
48	1001134376	2	Outrigger Valve Assembly (See Separate Breakdownin this Section)	
49	0641632	6	Bolt 3/8 x 4	
50	1001137159	1	Plate	
51	1001163674	1	Plate	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
52	1001163687	1	Plate	
54	1001262939	1	Decal, Air Tensioner	
55	1001239610	1	Decal, Outrigger RH	
58	1001154075	1	Decal, Swing	
59	1001134450	1	Decal, RH	
60	1001136146	2	Decal	
61	1001137160	2	Decal	
62	1001239611	1	Decal, Outrigger LH	
63	1001130696	1	Decal, LH	
65	1001130450	1	Panel	
67	7082000005	2	Bearing	
68	0641610	4	Bolt 3/8 x 1-1/4	
69	7114140650	8	Bolt 1/4 x 3/4	
70	1001262938	1	Decal	
71	1001262942	2	Decal	

FIGURE 5-3. VALVES AND HOSE ASSEMBLY - 9 SECTION

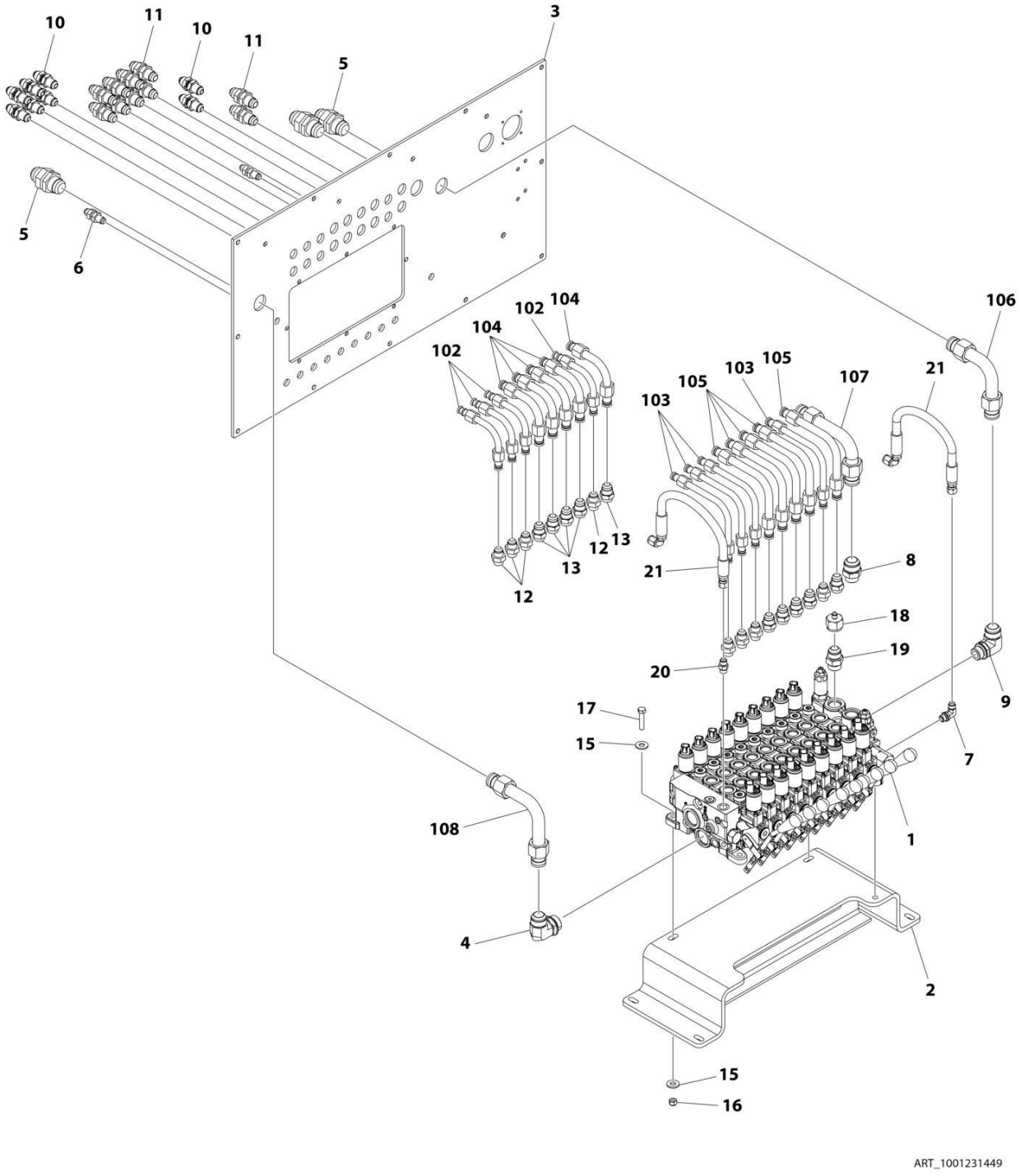


FIGURE 5-3. VALVES AND HOSE ASSEMBLY - 9 SECTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231449	Ref	Valve and Hose Assembly - 9 Section	A
1	1001127671	1	Valve, 9 Section Control (See Separate Breakdown in this Section)	
2	1001130258	1	Mount, Control Valve	
3	1001230218	1	Plate, Bulkhead	
4	7445161645	1	Fitting, Elbow	
5	7445161625	3	Fitting, Union Bulkhead	
6	7445060625	2	Fitting, Union Bulkhead	
7	7445060645	1	Fitting, Elbow	
8	7445161243	1	Fitting, Adapter	
9	7445161245	1	Fitting, Elbow	
10	7445080825	8	Fitting, Union Bulkhead	
11	7445101025	10	Fitting, Union Bulkhead	
12	7445081043	8	Fitting, Adapter	
13	7445101043	10	Fitting, Adapter	
14	1001130218	1	Pipe, Kit (Includes Items 102 thru 108)	
15	7950160161	6	Washer 3/8	
16	7660162601	3	Nut 3/8	
17	7115161450	3	Capscrew 3/8 x 1-3/4	
18	7443000207	1	Fitting, Reducer	
19	7445121243	1	Fitting, Adapter	
20	7445060643	1	Fitting, Adapter	
21	4567122014	2	Hose Assembly	
102	1001130208	4	Pipe, Tube Assembly 0.50” Dia “A” Port	
103	1001130209	4	Pipe, Tube Assembly 0.50” Dia “B” Port	
104	1001130210	5	Pipe, Tube Assembly 0.62” Dia “A” Port	
105	1001130211	5	Pipe, Tube Assembly 0.62” Dia “B” Port	
106	1001130215	1	Pipe, Tube Assembly 1.00” Dia Inlet	
107	1001130216	1	Pipe, Tube Assembly 1.00” Dia Inlet	
108	1001130217	1	Pipe, Tube Assembly 1.00” Dia Outlet	

FIGURE 5-4. VALVES AND LEVERS ASSEMBLY - 9 SECTION

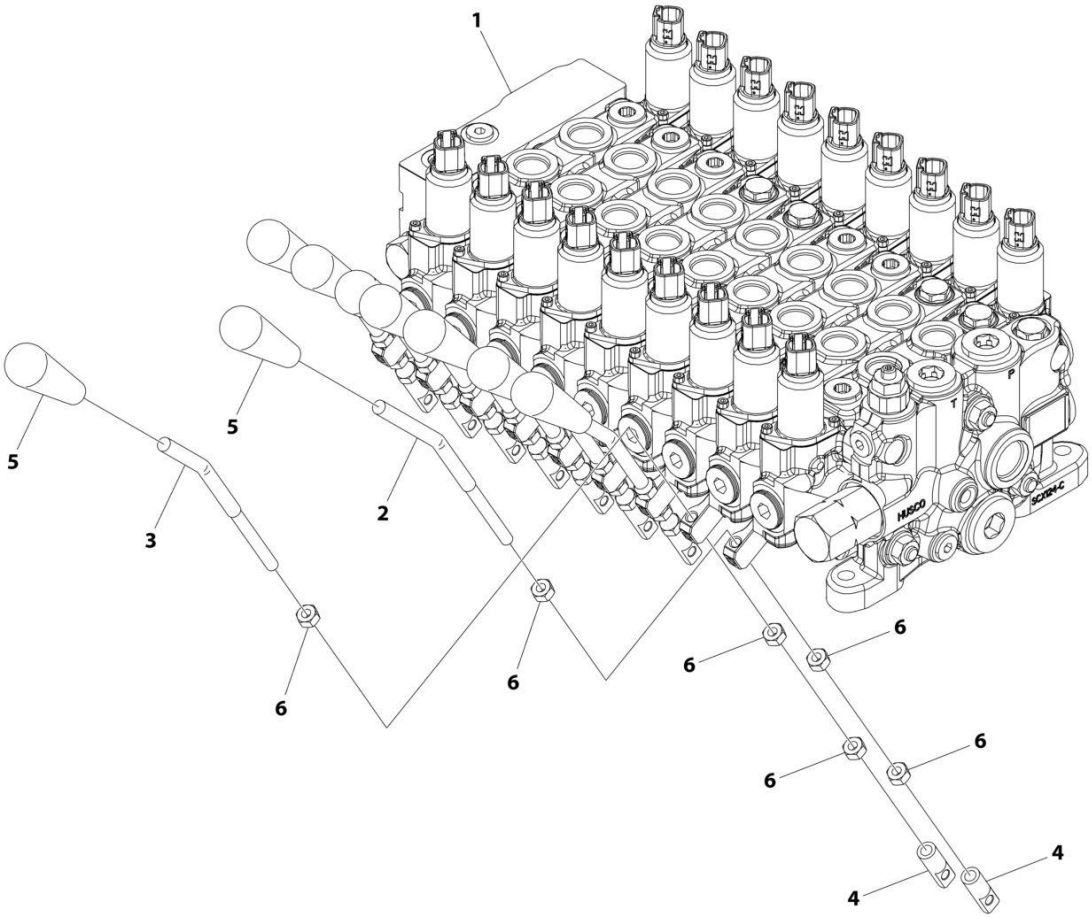
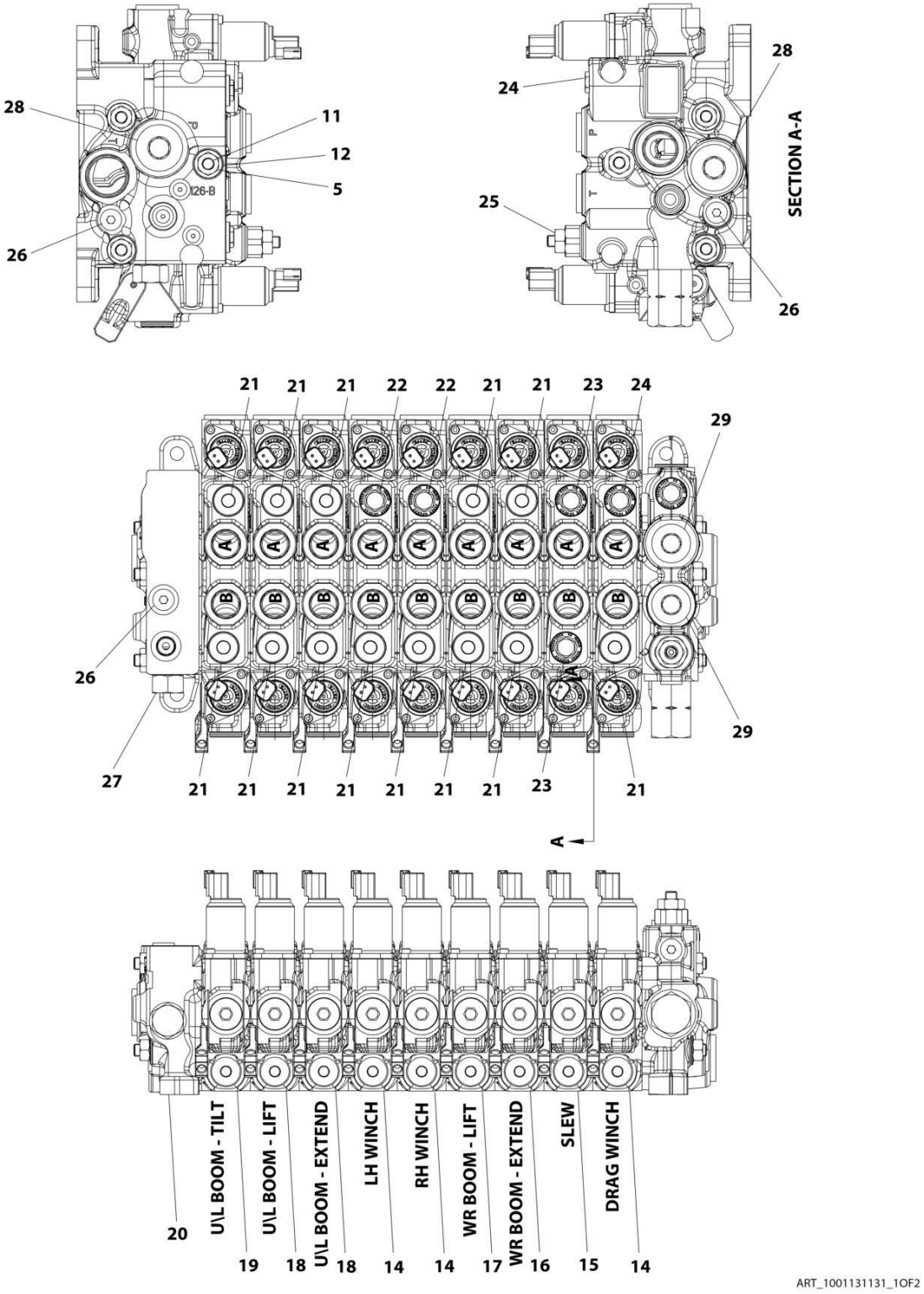


FIGURE 5-4. VALVES AND LEVERS ASSEMBLY - 9 SECTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127671	Ref	VALVES AND LEVERS ASSEMBLY - 9 SECTION	C
1	1001131131	1	Valve, 9 Section Control (See Separate Breakdown in this Section)	
2	1001131124	3	Handle, Long Control	
3	1001131123	6	Handle, Short Control	
4	1001131129	9	Adapter	
5	1001130491	9	Ball, Knob	
6	7660150000	27	Nut 5/16	

FIGURE 5-5. CONTROL VALVE - 9 SECTION



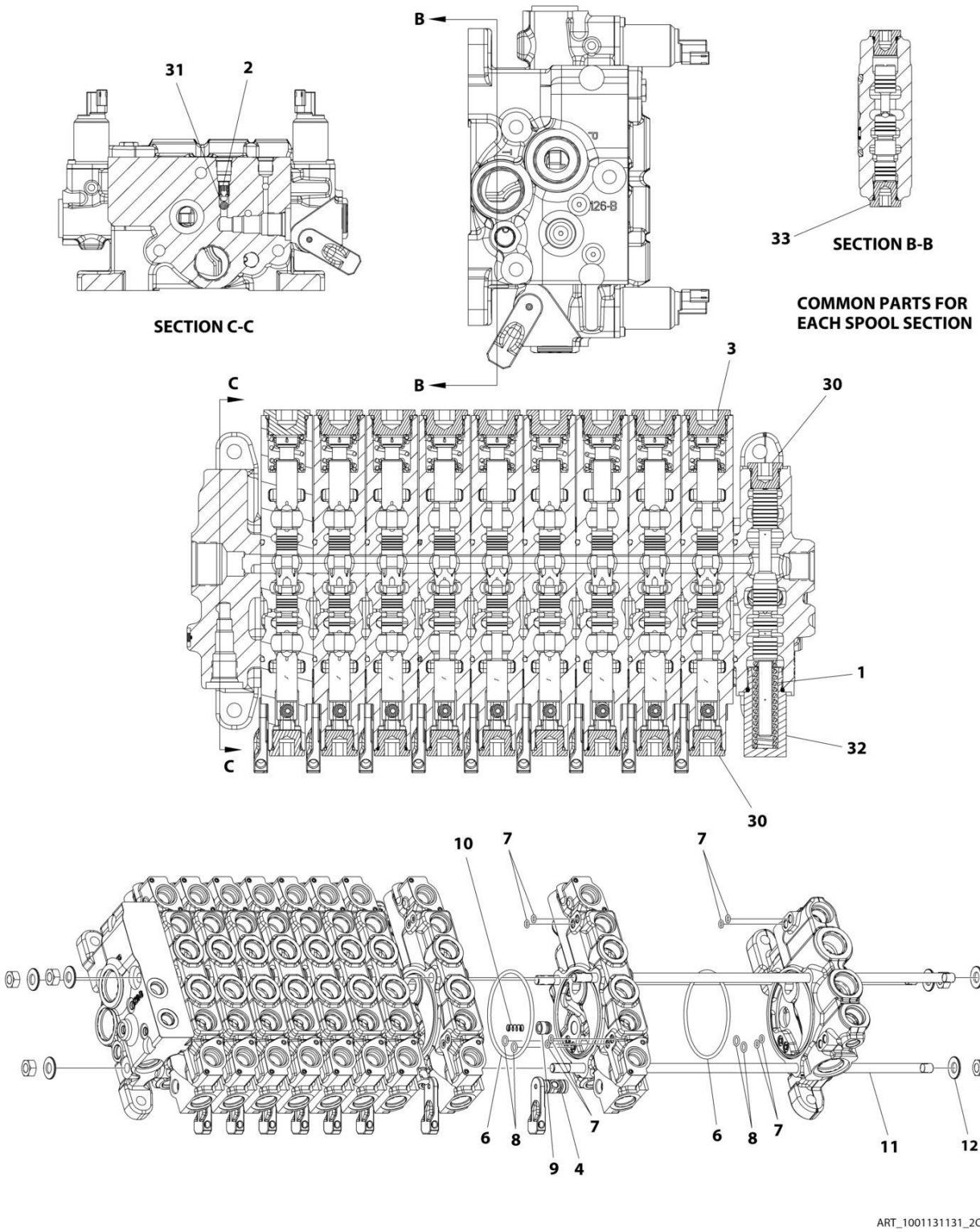
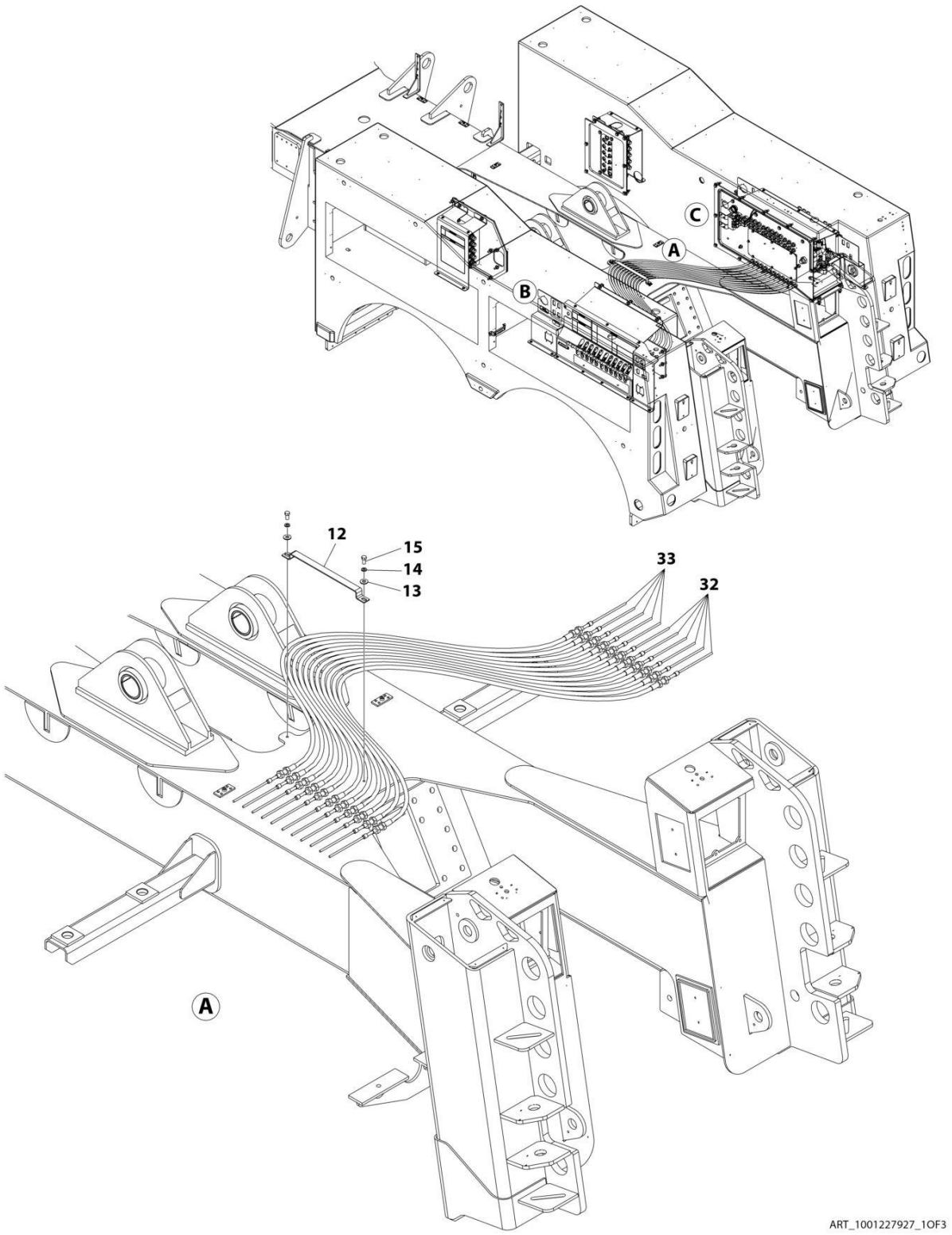
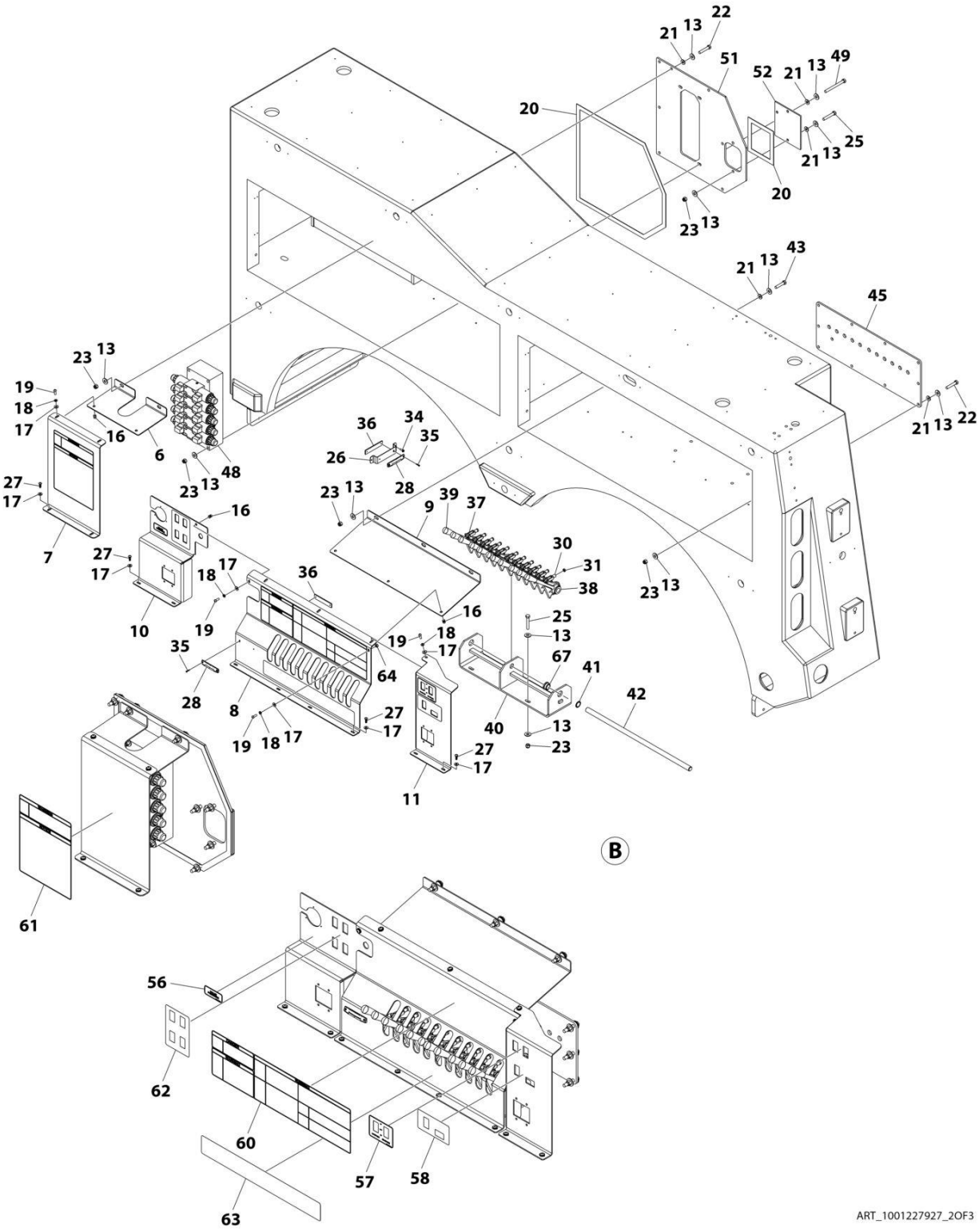

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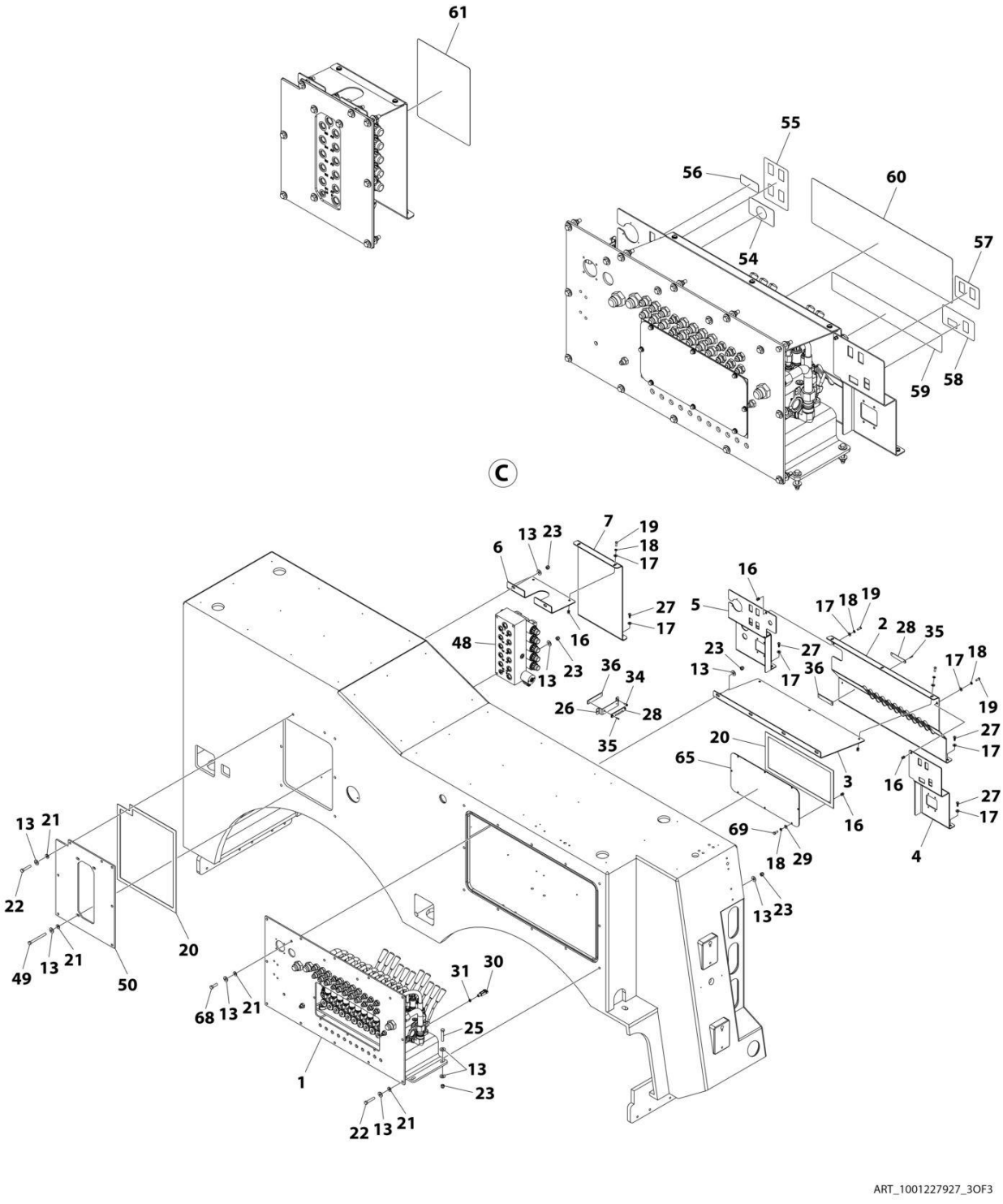
FIGURE 5-5. CONTROL VALVE - 9 SECTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001131131	Ref	Control Valve - 9 Section	C
1	70050492	1	Spring	
2	70050501	1	Set Screw	
3	70050502	9	Plug Assembly - SAE	
4	70050510	8	Lever Assembly	
5	70050481	6	Nut	
6	8034697	10	O-Ring	
7	70050508	40	O-Ring	
8	70050507	20	O-Ring	
9	10837929	9	Poppet	
10	10837937	9	Spring	
11	70050483	3	Tie Rod	
12	70050482	6	Washer - Compression	
13	70050491	1	Inlet Section Assembly	
14	70050490	3	Spool Section Assembly	
15	70050489	1	Spool Section Assembly	
16	70050488	1	Spool Section Assembly	
17	70050487	1	Spool Section Assembly	
18	70050486	2	Spool Section Assembly	
19	70050485	1	Spool Section Assembly	
20	70050484	1	Outlet Section Assembly	
21	70050480	13	Shut Off Plug Assembly	
22	70050479	3	Relief Valve Assembly	
23	70050478	2	Relief Valve Assembly	
24	70050477	1	Relief Valve Assembly	
25	70050476	1	Drain Regulator Assembly	
26	70050475	3	Plug Assembly - SAE	
27	70050474	1	Pressure Regulating Valve Assembly	
28	70050473	2	Plug Assembly - SAE	
29	70050472	2	Plug Assembly - SAE	
30	70050503	10	Plug Assembly - Metric	
31	70050506	1	Ball	
32	70050505	1	Cap Assembly	
33	70050504	16	Plug Assembly - Metric	

FIGURE 5-6. CONTROLS INSTALLATION - 11 SECTION (Prior to SN 0230009052)




ART_1001227927_2OF3



ART_1001227927_3OF3

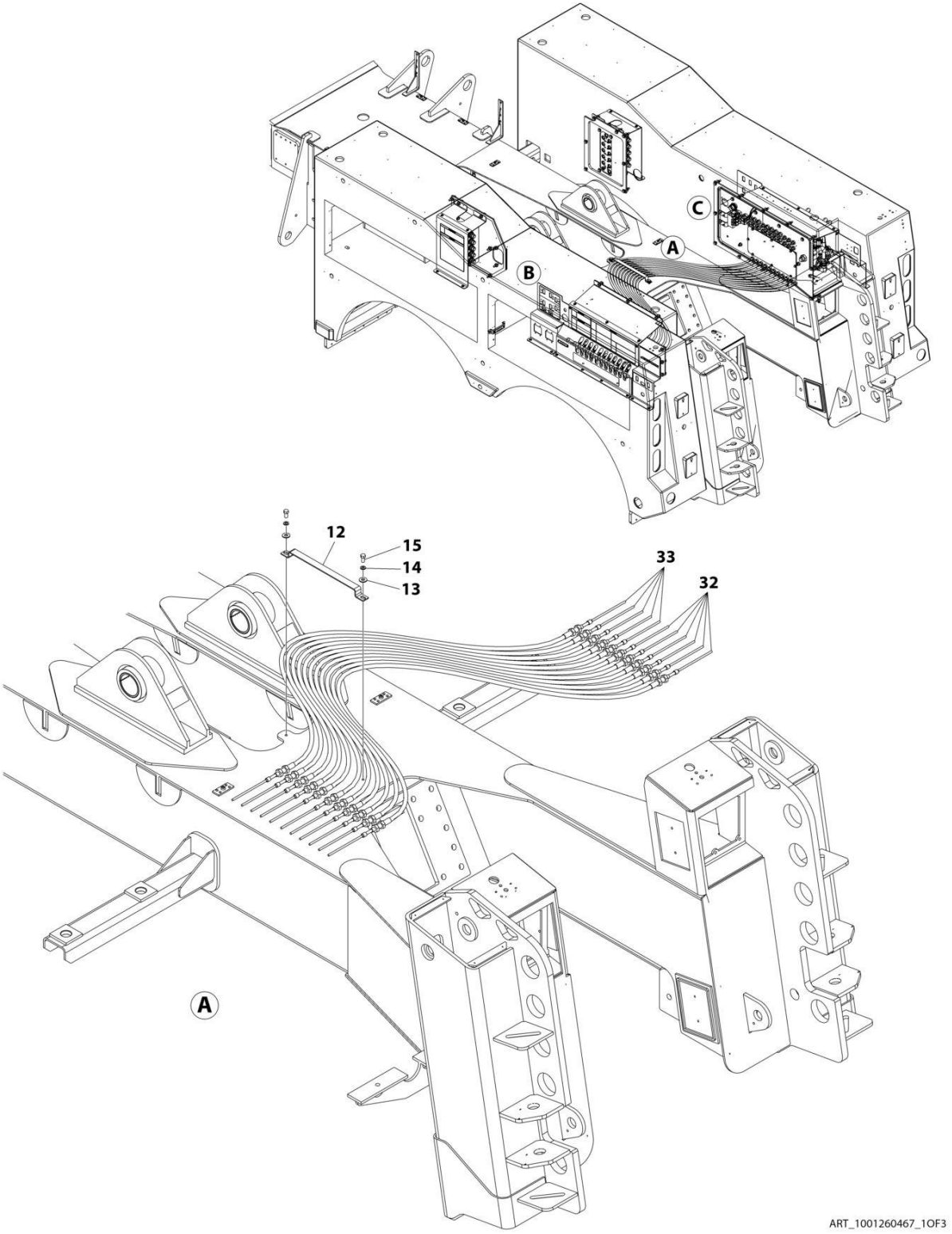
FIGURE 5-6. CONTROLS INSTALLATION - 11 SECTION (Prior to SN 0230009052)

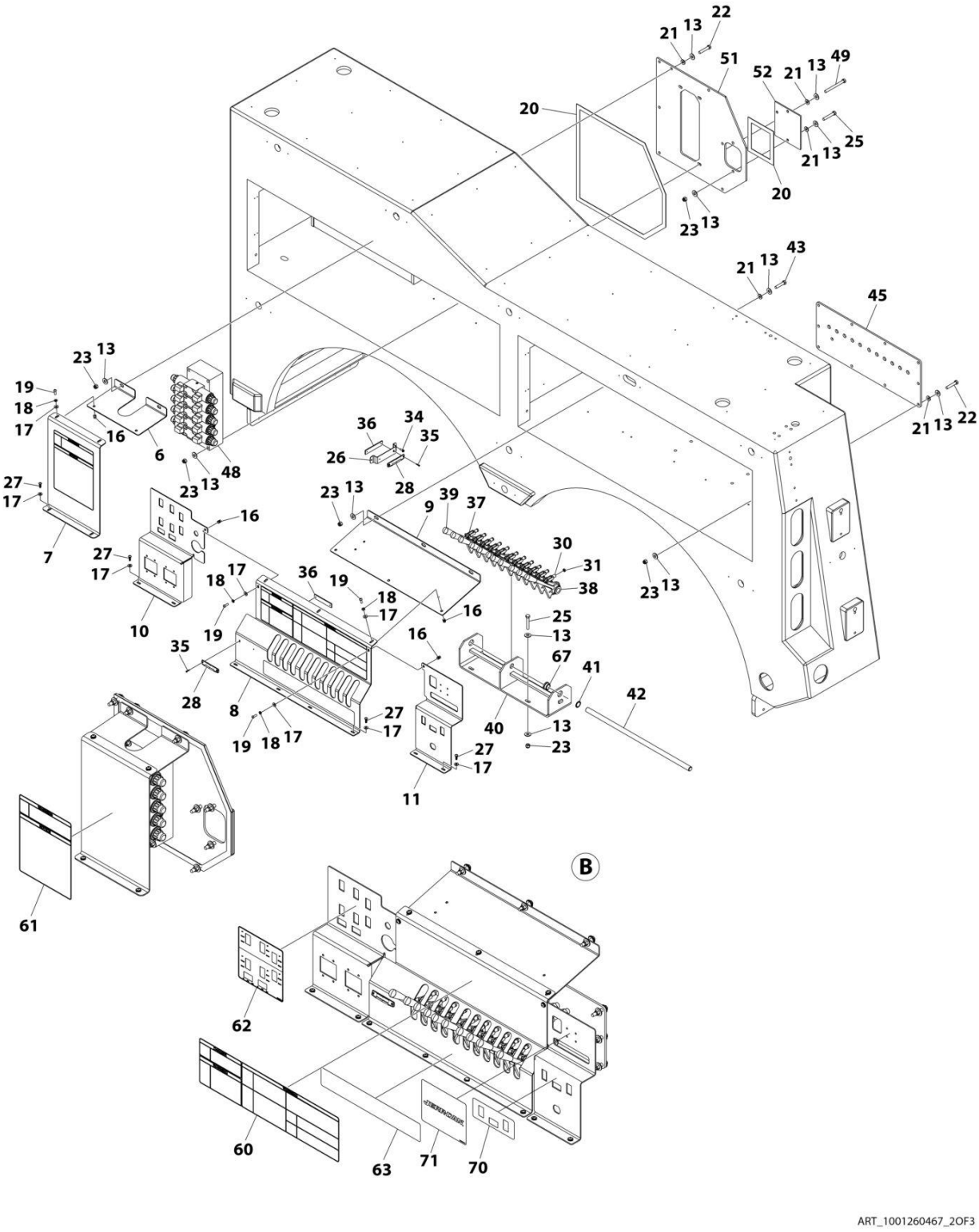
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227927	Ref	CONTROLS INSTALLATION - 11 SECTION	D
1	1001230195	1	Valve Assembly, 11 Section (See Separate Breakdown in this Section)	
2	1001227931	1	Panel, RH 11 Section	
3	1001172651	1	Panel, Top	
4	1001228348	1	Panel, RH	
5	1001228346	1	Panel, RH	
6	1001134411	2	Panel	
7	1001134412	2	Panel	
8	1001227930	1	Panel, LH 11 Section	
9	1001130347	1	Panel	
10	1001228345	1	Panel	
11	1001228347	1	Panel	
12	4062000717	1	Bar	
13	4751600	120	Washer 3/8	
14	4761600	2	Washer 3/8	
15	0641606	2	Bolt 3/8 x 3/4	
16	7413000002	21	Nutsert 1/4	
17	7950140143	34	Washer 1/4	
18	7950140003	22	Washer 1/4	
19	7114140618	14	Capscrew 1/4 x 3/4	
20	7796000012	17.2 ft	Seal	
21	1001166974	51	Washer 3/8	
22	0641616	35	Bolt 3/8 x 2	
23	3300492	59	Nut 3/8	
25	0641618	11	Bolt 3/8 x 2 1/4	
26	1001167099	2	Level	
27	1001194676	20	Screw 1/4 x 3/4	
28	1001156279	4	Inclinometer	
29	1001166978	8	Washer 1/4	
30	7577000273	22	Yoke, 9 Section	
31	7660140230	22	Nut 1/4	
32	1001163652	6	Cable, 107in	
33	1001163651	5	Cable, 99in	
34	1001166322	4	Screw #10 x 5/8	
35	7120000047	8	Screw #4 x 5/8	
36	1001156079	4	Bar	
37	1001184827	5	Handle, Long	
38	1001184828	6	Handle, Short	
39	1001130491	11	Ball Knob	
40	1001157245	1	Bracket	
41	7754000009	2	Retaining Ring	
42	1001157309	1	Shaft	
43	0641614	3	Bolt 3/8 x 1-3/4	
45	1001230246	1	Plate	
48	1001134376	2	Outrigger Valve Assembly (See Separate Breakdownin this Section)	
49	0641632	6	Bolt 3/8 x 4	
50	1001137159	1	Plate	
51	1001163674	1	Plate	

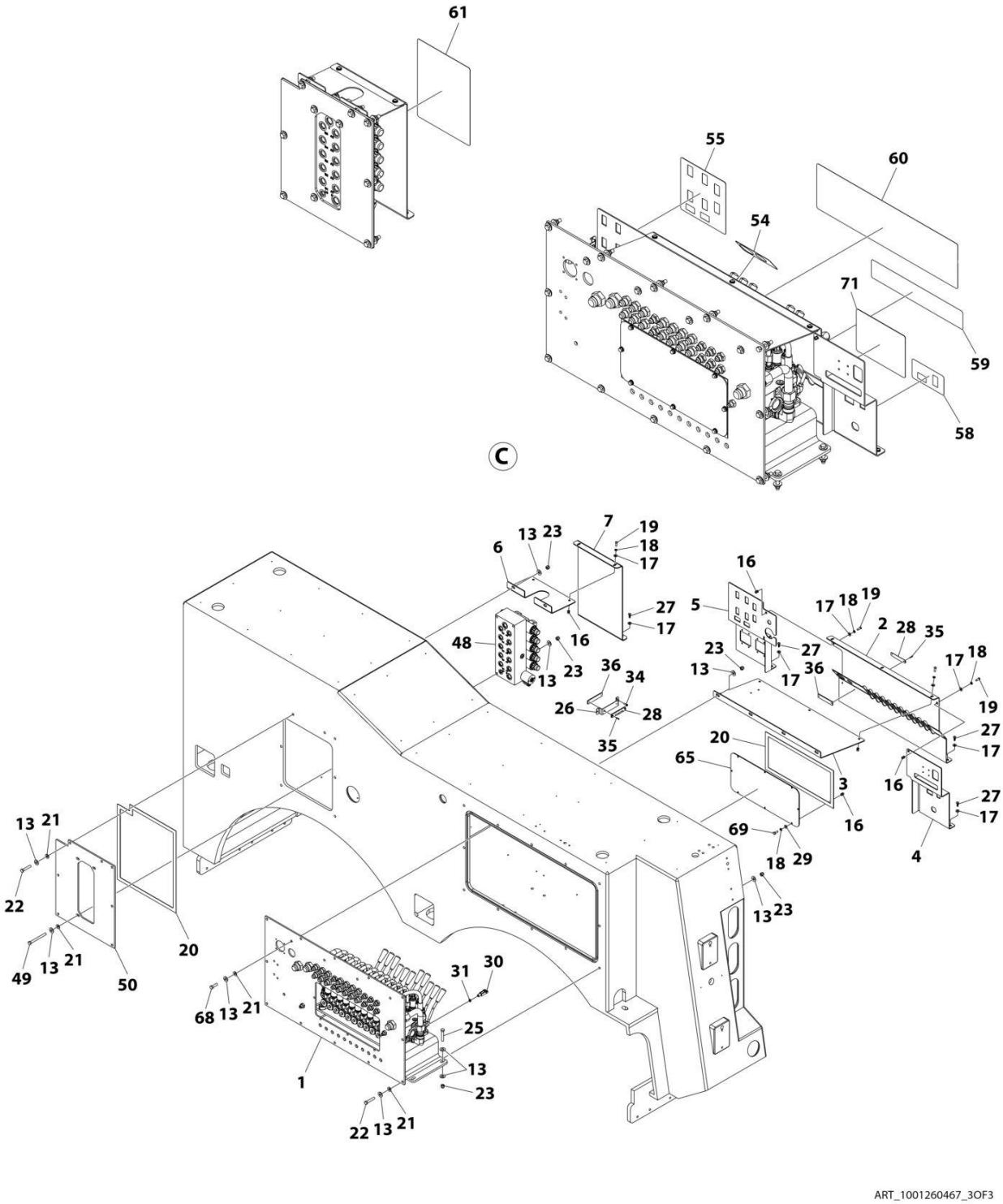
SECTION 5 - CONTROLS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
52	1001163687	1	Plate	
54	1001257300	1	Decal, Air Tensioner	
55	1001134462	1	Decal, Outriggers	
56	1001131032	2	Decal, Valve pressure	
57	1001134461	2	Decal, Spades	
58	1001154075	2	Decal, Swing	
59	1001157232	1	Decal, RH	
60	1001136146	2	Decal	
61	1001137160	2	Decal	
62	1001134463	1	Decal, Outrigger	
63	1001157233	1	Decal, LH	
64	3311401	1	Nut 1/4	
65	1001157240	1	Panel	
67	7082000005	2	Bearing	
68	0641610	4	Bolt 3/8 x 1-1/4	
69	7114140650	8	Bolt 1/4 x 3/4	

FIGURE 5-7. CONTROLS INSTALLATION - 11 SECTION (SN 0230009052 to Present)




ART_1001260467_2OF3



ART_1001260467_3OF3

FIGURE 5-7. CONTROLS INSTALLATION - 11 SECTION (SN 0230009052 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260467	Ref	CONTROLS INSTALLATION - 11 SECTION	B
1	1001230195	1	Valve Assembly, 11 Section (See Separate Breakdown in this Section)	
2	1001260760	1	Panel, RH 11 Section	
3	1001260552	1	Panel, Top	
4	1001239606	1	Panel, RH	
5	1001239607	1	Panel, RH	
6	1001134411	2	Panel	
7	1001134412	2	Panel	
8	1001260759	1	Panel, LH 11 Section	
9	1001260551	1	Panel, Top	
10	1001239630	1	Panel, LH	
11	1001239609	1	Panel, LH	
12	4062000717	1	Bar	
13	4751600	120	Washer 3/8	
14	4761600	2	Washer 3/8	
15	0641606	2	Bolt 3/8 x 3/4	
16	7413000002	22	Nutsert 1/4	
17	7950140143	34	Washer 1/4	
18	7950140003	22	Washer 1/4	
19	7114140618	14	Capscrew 1/4 x 3/4	
20	7796000012	17.2 ft	Seal	
21	1001166974	51	Washer 3/8	
22	0641616	30	Bolt 3/8 x 2	
23	3300492	59	Nut 3/8	
25	0641618	16	Bolt 3/8 x 2 1/4	
26	1001167099	2	Level	
27	1001194676	20	Screw 1/4 x 3/4	
28	1001156279	4	Inclinometer	
29	1001166978	8	Washer 1/4	
30	7577000273	22	Yoke, 9 Section	
31	7660140230	22	Nut 1/4	
32	1001163652	6	Cable, 107in	
33	1001163651	5	Cable, 99in	
34	1001166322	4	Screw #10 x 5/8	
35	7120000047	8	Screw #4 x 5/8	
36	1001156079	4	Bar	
37	1001184827	5	Handle, Long	
38	1001184828	6	Handle, Short	
39	1001130491	11	Ball Knob	
40	1001157245	1	Bracket	
41	7754000009	2	Retaining Ring	
42	1001157309	1	Shaft	
43	0641614	3	Bolt 3/8 x 1-3/4	
45	1001230246	1	Plate	
48	1001134376	2	Outrigger Valve Assembly (See Separate Breakdownin this Section)	
49	0641632	6	Bolt 3/8 x 4	
50	1001137159	1	Plate	
51	1001163674	1	Plate	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
52	1001163687	1	Plate	
54	1001262939	1	Decal, Air Tensioner	
55	1001239610	1	Decal, Outrigger RH	
58	1001154075	1	Decal, Swing	
59	1001157232	1	Decal, RH	
60	1001136146	2	Decal	
61	1001137160	2	Decal	
62	1001239611	1	Decal, Outrigger LH	
63	1001157233	1	Decal, LH	
65	1001157240	1	Panel	
67	7082000005	2	Bearing	
68	0641610	4	Bolt 3/8 x 1-1/4	
69	7114140650	8	Bolt 1/4 x 3/4	
70	1001262938	1	Decal	
71	1001262942	2	Decal	

FIGURE 5-8. VALVES AND HOSE ASSEMBLY - 11 SECTION

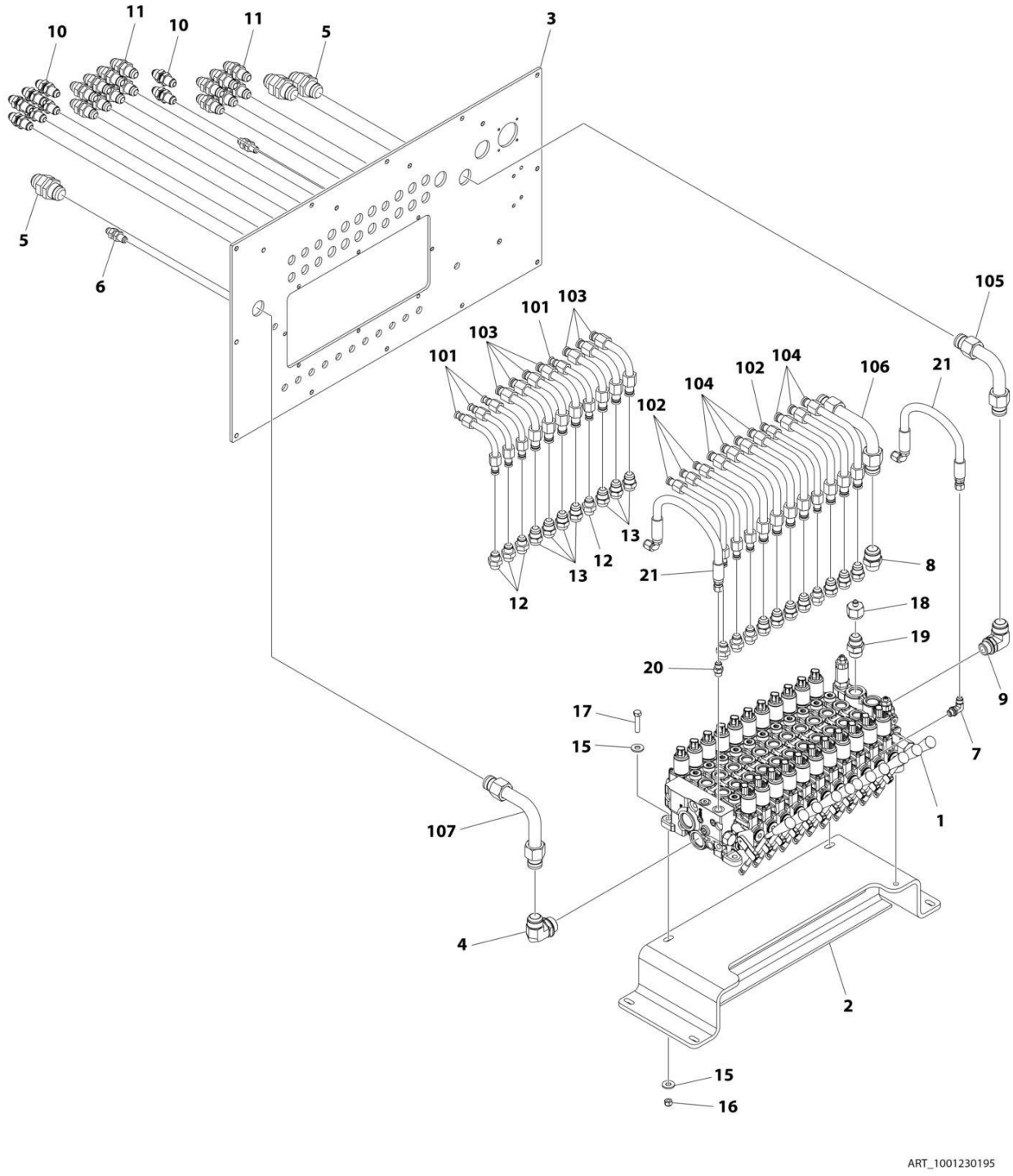


FIGURE 5-8. VALVES AND HOSE ASSEMBLY - 11 SECTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230195	Ref	Valve and Hose Assembly - 11 Section	A
1	1001127327	1	Valve, 11 Section Control (See Separate Breakdown in this Section)	
2	1001157110	1	Mount, Control Valve	
3	1001230193	1	Plate, Bulkhead	
4	7445161645	1	Fitting, Elbow	
5	7445161625	3	Fitting, Union Bulkhead	
6	7445060625	2	Fitting, Union Bulkhead	
7	7445060645	1	Fitting, Elbow	
8	7445161243	1	Fitting, Adapter	
9	7445161245	1	Fitting, Elbow	
10	7445080825	8	Fitting, Union Bulkhead	
11	7445101025	14	Fitting, Union Bulkhead	
12	7445081043	8	Fitting, Adapter	
13	7445101043	14	Fitting, Adapter	
14	1001157212	1	Pipe, Kit (includes items 101 thru 107)	
15	7950160161	6	Washer 3/8	
16	7660162601	3	Nut 3/8	
17	7115161450	3	Capscrew 3/8 x 1-3/4	
18	7443000207	1	Fitting, Reducer	
19	7445121243	1	Fitting, Adapter	
20	7445060643	1	Fitting, Adapter	
21	4567122014	2	Hose Assembly	
101	1001130208	4	Pipe, Tube Assembly 0.50” Dia “A” Port	
102	1001130209	4	Pipe, Tube Assembly 0.50” Dia “B” Port	
103	1001130210	7	Pipe, Tube Assembly 0.62” Dia “A” Port	
104	1001130211	7	Pipe, Tube Assembly 0.62” Dia “B” Port	
105	1001130215	1	Pipe, Tube Assembly 1.00” Dia Inlet	
106	1001130216	1	Pipe, Tube Assembly 1.00” Dia Inlet	
107	1001130217	1	Pipe, Tube Assembly 1.00” Dia Outlet	

FIGURE 5-9. VALVES AND LEVERS ASSEMBLY - 11 SECTION

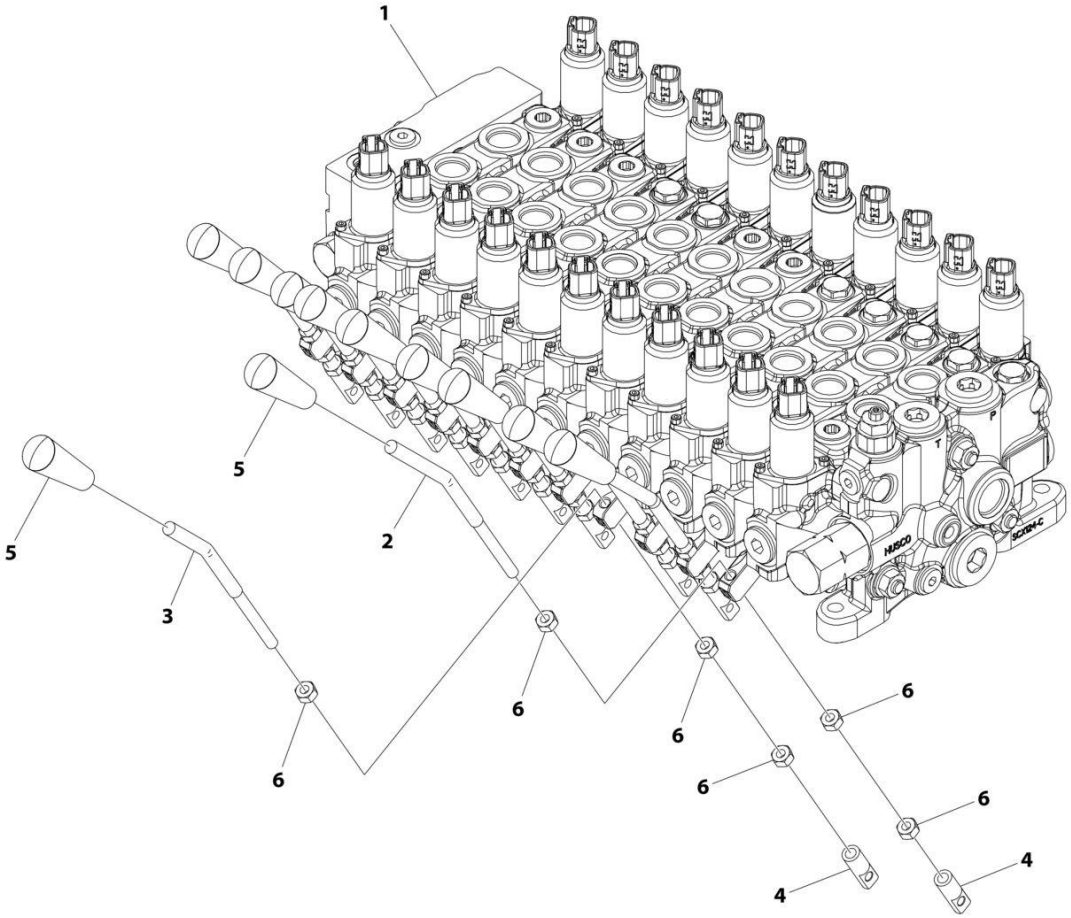
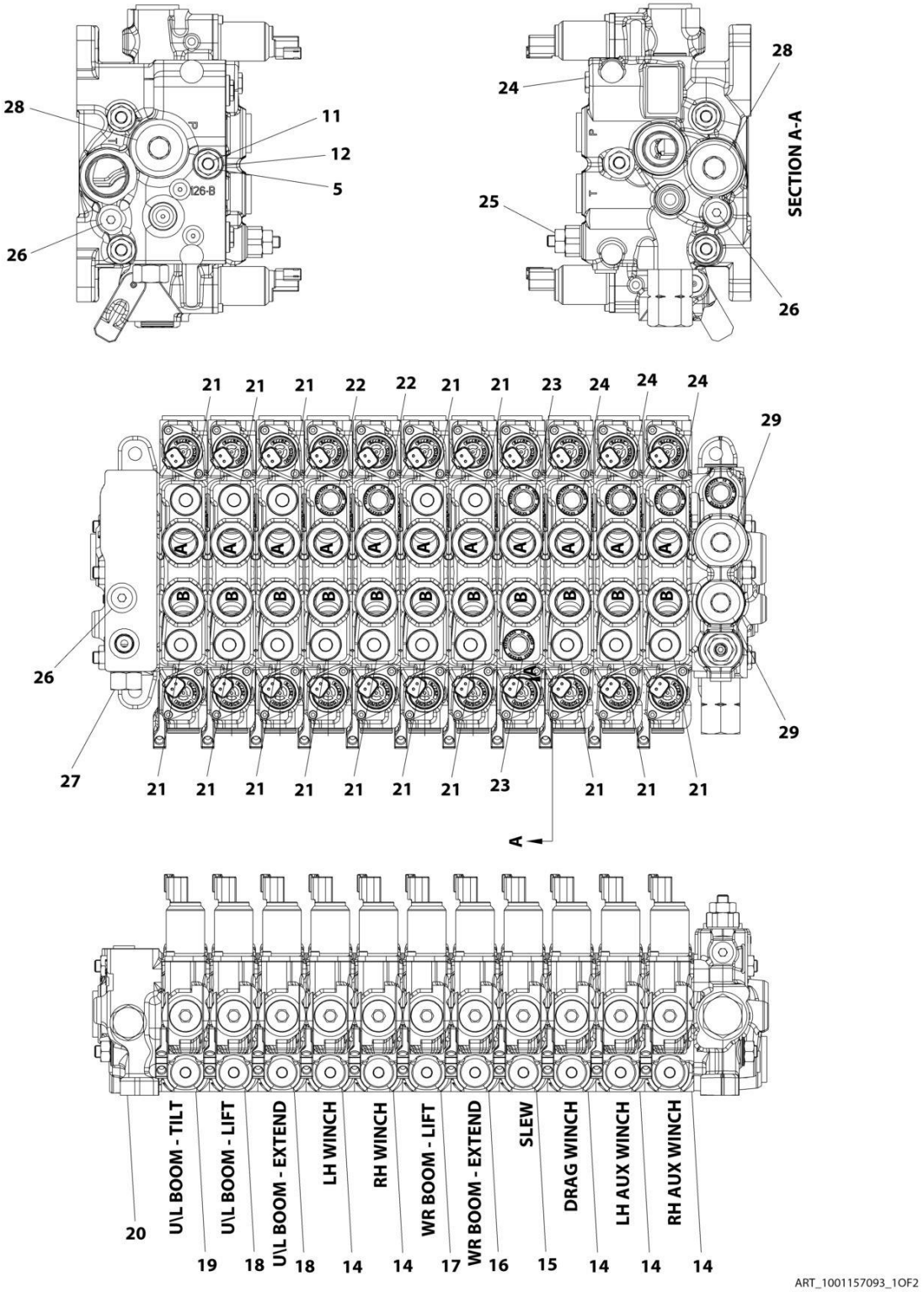


FIGURE 5-9. VALVES AND LEVERS ASSEMBLY - 11 SECTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127327	Ref	VALVES AND LEVERS ASSEMBLY - 11 SECTION	B
1	1001157093	1	Valve, 11 Section Control (See Separate Breakdown in this Section)	
2	1001131124	5	Handle, Long Control	
3	1001131123	6	Handle, Short Control	
4	1001131129	11	Adapter	
5	1001130491	11	Ball, Knob	
6	7660150000	33	Nut 5/16	

FIGURE 5-10. CONTROL VALVE - 11 SECTION



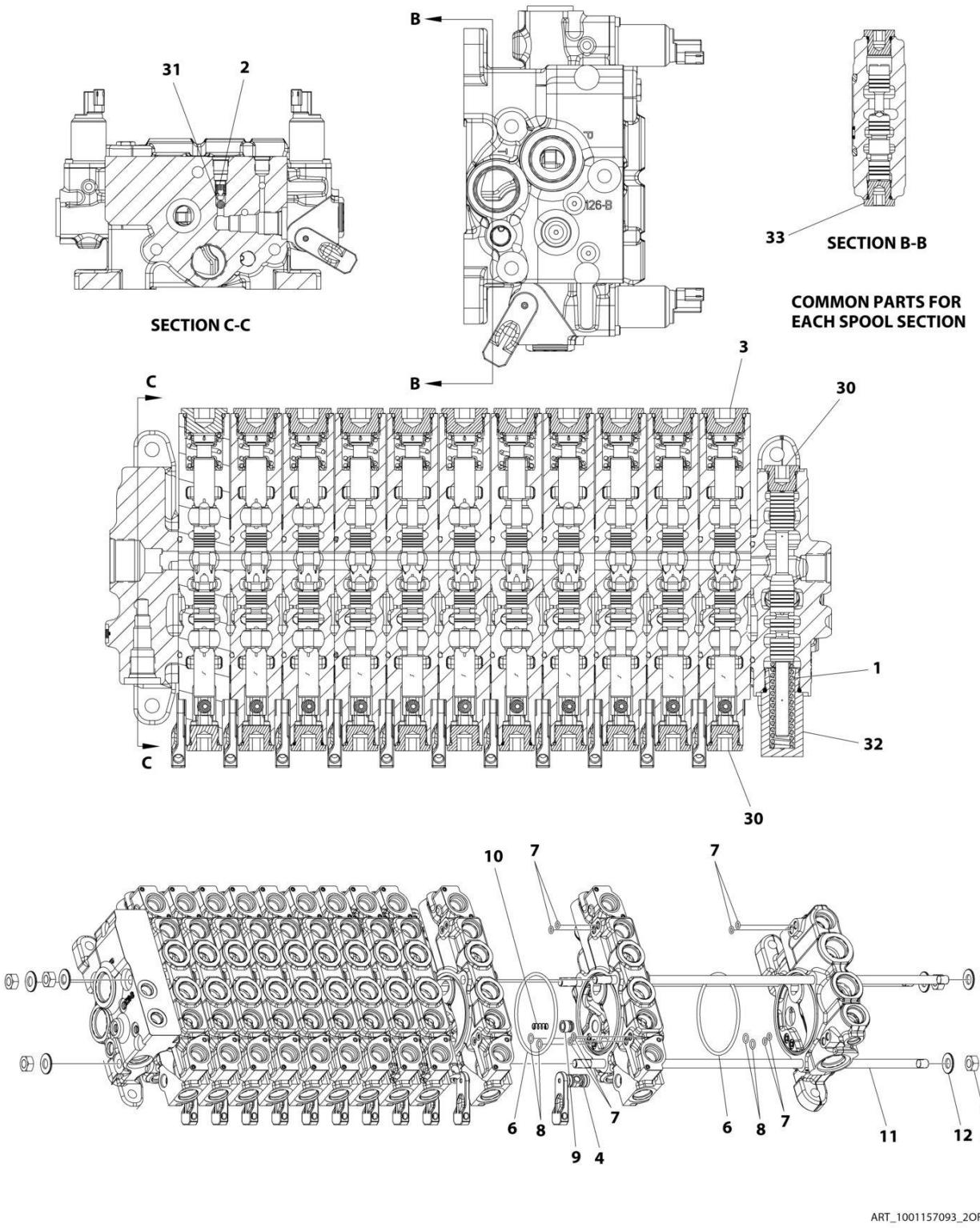

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SECTION C-C
B
126-8
B
33
SECTION B-B
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EACH SPOOL SECTION
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ART_1001157093_2OF2

FIGURE 5-10. CONTROL VALVE - 11 SECTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157093	Ref	Control Valve - 11 Section	A
1	70050492	1	Spring	
2	70050501	1	Set Screw	
3	70050502	11	Plug Assembly - SAE	
4	70050510	10	Lever Assembly	
5	70050481	6	Nut	
6	8034697	12	O-Ring	
7	70050508	48	O-Ring	
8	70050507	24	O-Ring	
9	10837929	11	Poppet	
10	10837937	11	Spring	
11	70050734	3	Tie Rod	
12	70050482	6	Washer - Compression	
13	70050491	1	Inlet Section Assembly	
14	70050490	5	Spool Section Assembly	
15	70050489	1	Spool Section Assembly	
16	70050488	1	Spool Section Assembly	
17	70050487	1	Spool Section Assembly	
18	70050486	2	Spool Section Assembly	
19	70050485	1	Spool Section Assembly	
20	70050484	1	Outlet Section Assembly	
21	70050480	15	Shut Off Plug Assembly	
22	70050479	3	Relief Valve Assembly	
23	70050478	2	Relief Valve Assembly	
24	70050477	3	Relief Valve Assembly	
25	70050476	1	Drain Regulator Assembly	
26	70050475	3	Plug Assembly - SAE	
27	70050474	1	Pressure Regulating Valve Assembly	
28	70050473	2	Plug Assembly - SAE	
29	70050472	2	Plug Assembly - SAE	
30	70050503	12	Plug Assembly - Metric	
31	70050506	1	Ball	
32	70050505	1	Cap Assembly	
33	70050504	20	Plug Assembly - Metric	

FIGURE 5-11. VALVE, OUTRIGGER CONTROL

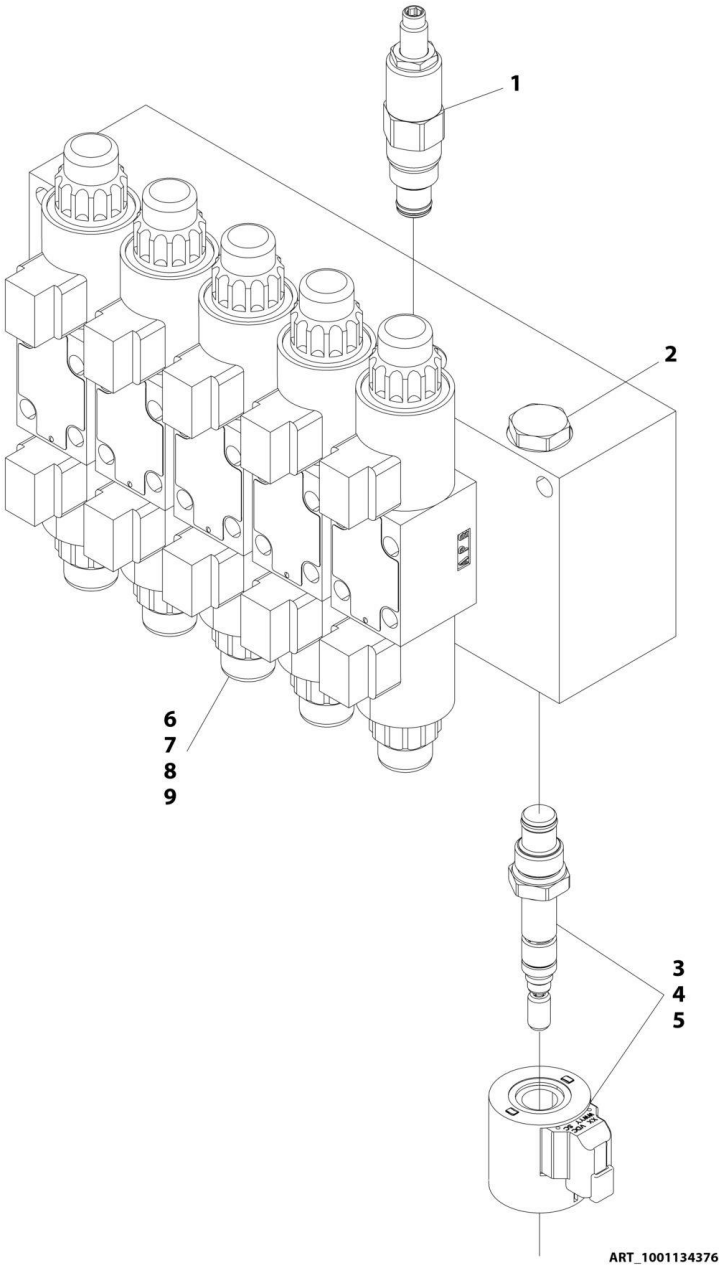


FIGURE 5-11. VALVE, OUTRIGGER CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001134376	Ref	VALVE, OUTRIGGER CONTROL	E
1	7935000280	1	Relief Valve	
1	7017496	1	Seal Kit	
2	4641193	1	Check Valve	
2	91164056	1	Seal Kit	
3	70050515	1	Solenoid Valve	
3	7022399	1	Seal Kit	
4	70050516	1	Coil	
5	7022390	1	Nut	
6	70050517	5	Directional Valve	
6	70050261	1	Seal Kit	
7	70050518	10	Coil	
8	70050111	10	Nut	
9	3931028	20	Bolt #10 x 1-3/4	

FIGURE 5-12. WIRELESS REMOTES INSTALLATION - JOYSTICK SWING (Prior to SN 0230009052)

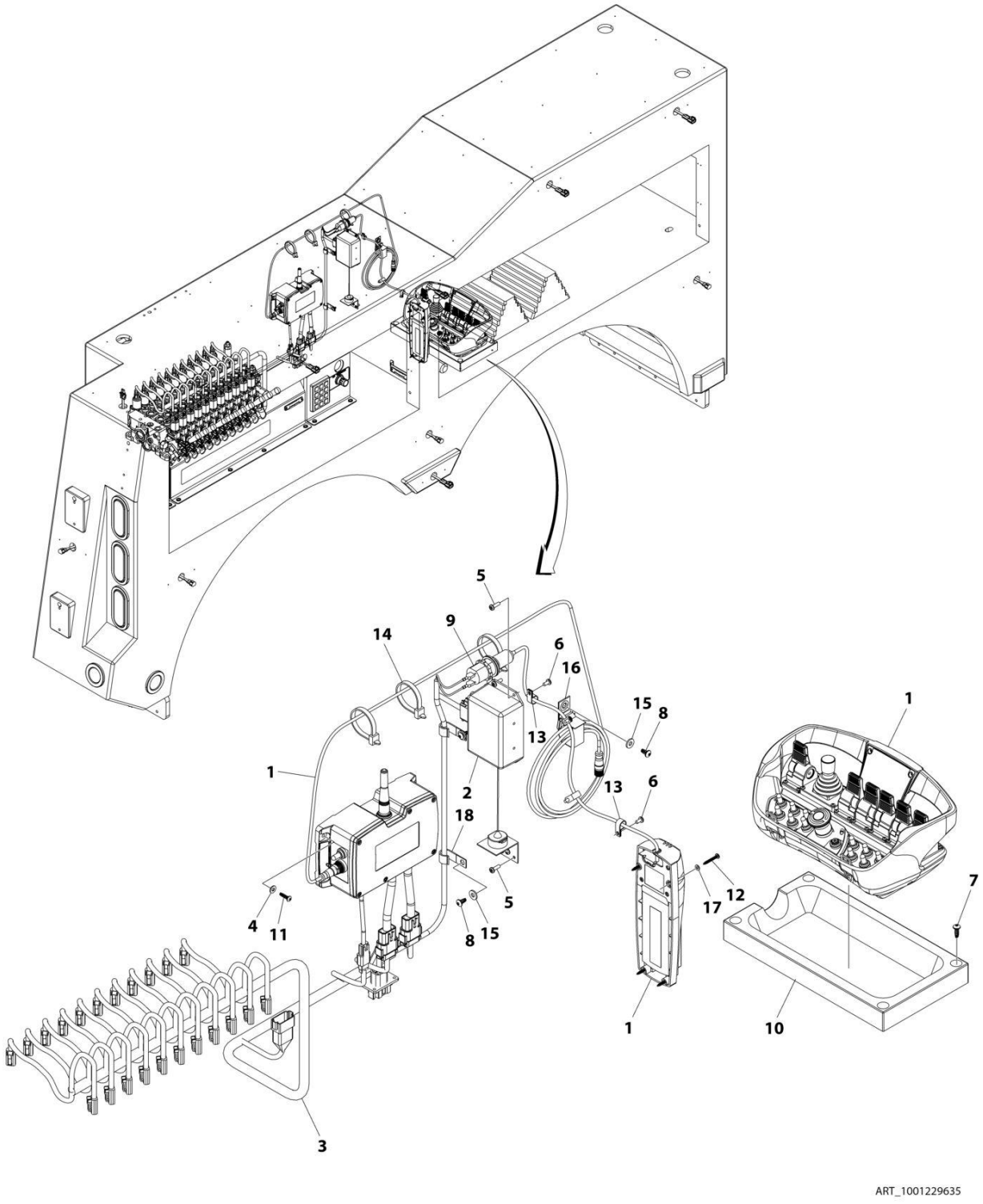


FIGURE 5-12. WIRELESS REMOTES INSTALLATION - JOYSTICK SWING (Prior to SN 0230009052)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229635	Ref	WIRELESS REMOTES INSTALLATION - JOYSTICK SWING	C
1	1001226786	1	Control, Wireless 16 Function	
2	7295000146	1	Control, Wireless 6 Function	
3	1001230773	1	Harness	
4	4711000	4	Washer #10	
5	1001166322	7	Screw	
6	1001172004	4	Screw	
7	1001194676	4	Screw 1/4 x 3/4	
8	1001195257	3	Screw 1/4 x 1/2	
9	1001201384	1	Socket	
10	1001229927	1	Tray	
11	1001230068	4	Screw #10 x 3/4	
12	1001232116	4	Screw #8 x 1-1/4	
13	7274000036	4	Clamp	
14	5526000553	3	Tie Strap	
5	7950140143	3	Washer 1/4	
16	1001167286	1	Tie Strap	
17	1001097942	4	Washer #8	
18	7280000006	2	Clip	

FIGURE 5-13. WIRELESS REMOTES INSTALLATION - JOYSTICK SWING (SN 0230009052 to Present)

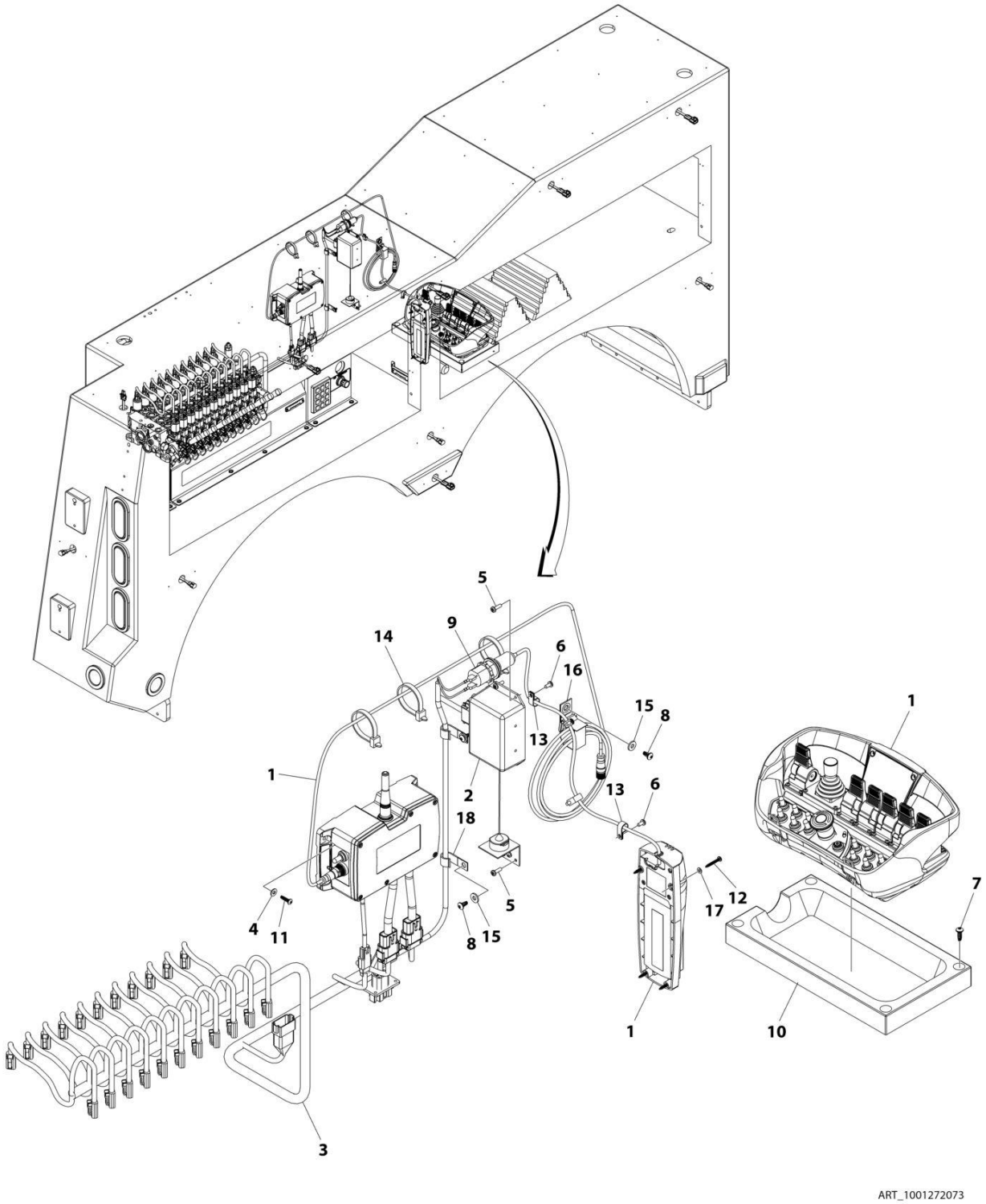


FIGURE 5-13. WIRELESS REMOTES INSTALLATION - JOYSTICK SWING (SN 0230009052 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001272073	Ref	WIRELESS REMOTES INSTALLATION - JOYSTICK SWING	A
1	1001226786	1	Control, Wireless 16 Function	
2	7295000146	1	Control, Wireless 6 Function	
3	1001272075	1	Harness	
4	4711000	4	Washer #10	
5	1001166322	7	Screw	
6	1001172004	4	Screw	
7	1001194676	4	Screw 1/4 x 3/4	
8	1001195257	3	Screw 1/4 x 1/2	
9	1001201384	1	Socket	
10	1001229927	1	Tray	
11	1001230068	4	Screw #10 x 3/4	
12	1001232116	4	Screw #8 x 1-1/4	
13	7274000036	4	Clamp	
14	5526000553	3	Tie Strap	
15	7950140143	3	Washer 1/4	
16	1001167286	1	Tie Strap	
17	1001097942	4	Washer #8	
18	7280000006	2	Clip	

FIGURE 5-14. WIRELESS REMOTES INSTALLATION - PADDLE SWING (Prior to SN 0230009052)

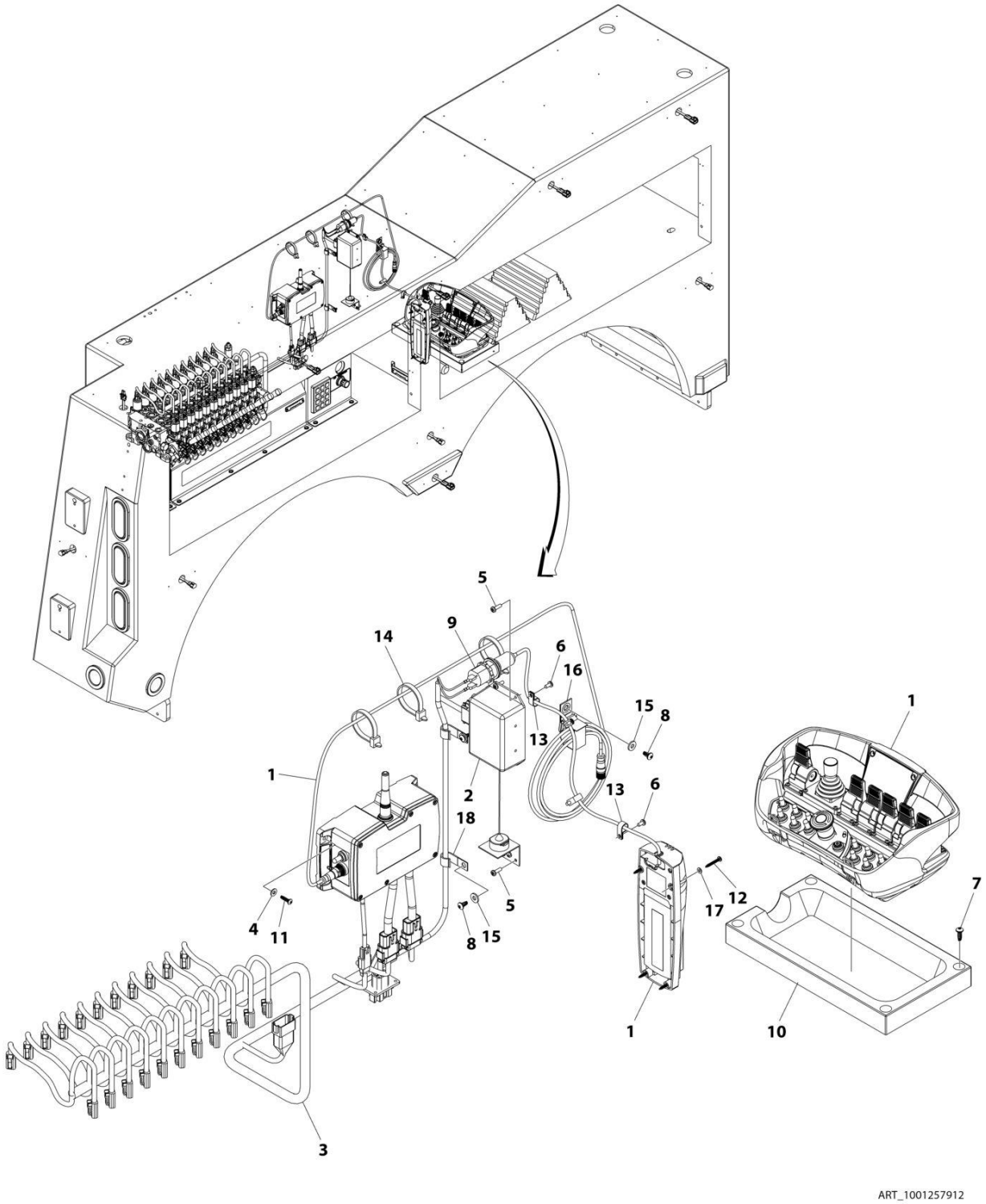


FIGURE 5-14. WIRELESS REMOTES INSTALLATION - PADDLE SWING (Prior to SN 0230009052)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257912	Ref	WIRELESS REMOTES INSTALLATION - PADDLE SWING	B
1	1001250430	1	Control, Wireless 16 Function	
2	7295000146	1	Control, Wireless 6 Function	
3	1001230773	1	Harness	
4	4711000	4	Washer #10	
5	1001166322	7	Screw	
6	1001172004	4	Screw	
7	1001194676	4	Screw 1/4 x 3/4	
8	1001195257	3	Screw 1/4 x 1/2	
9	1001201384	1	Socket	
10	1001229927	1	Tray	
11	1001230068	4	Screw #10 x 3/4	
12	1001232116	4	Screw #8 x 1-1/4	
13	7274000036	4	Clamp	
14	5526000553	3	Tie Strap	
15	7950140143	3	Washer 1/4	
16	1001167286	1	Tie Strap	
17	1001097942	4	Washer #8	
18	7280000006	2	Clip	

FIGURE 5-15. WIRELESS REMOTES INSTALLATION - PADDLE SWING (SN 0230009052 to Present)

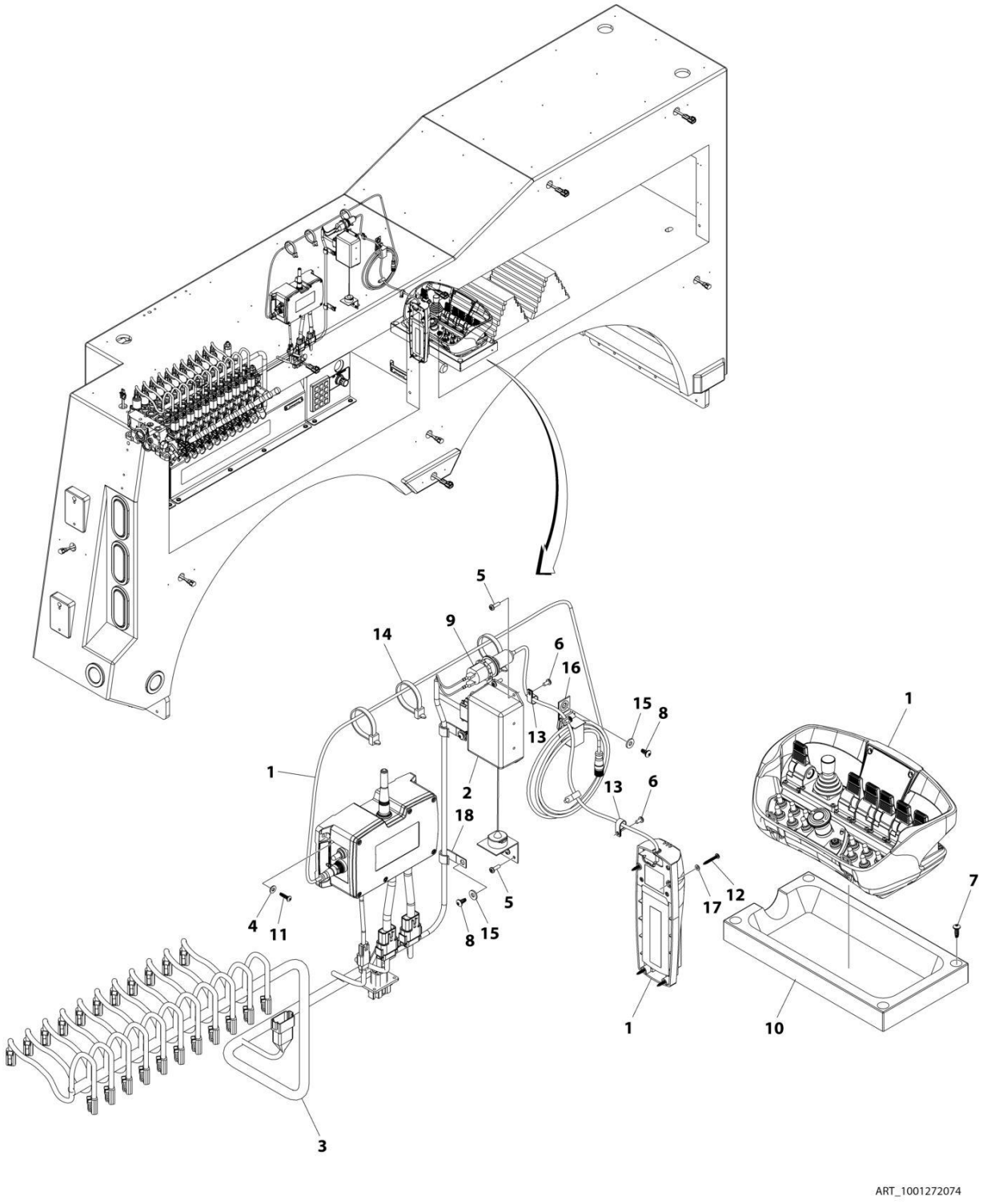
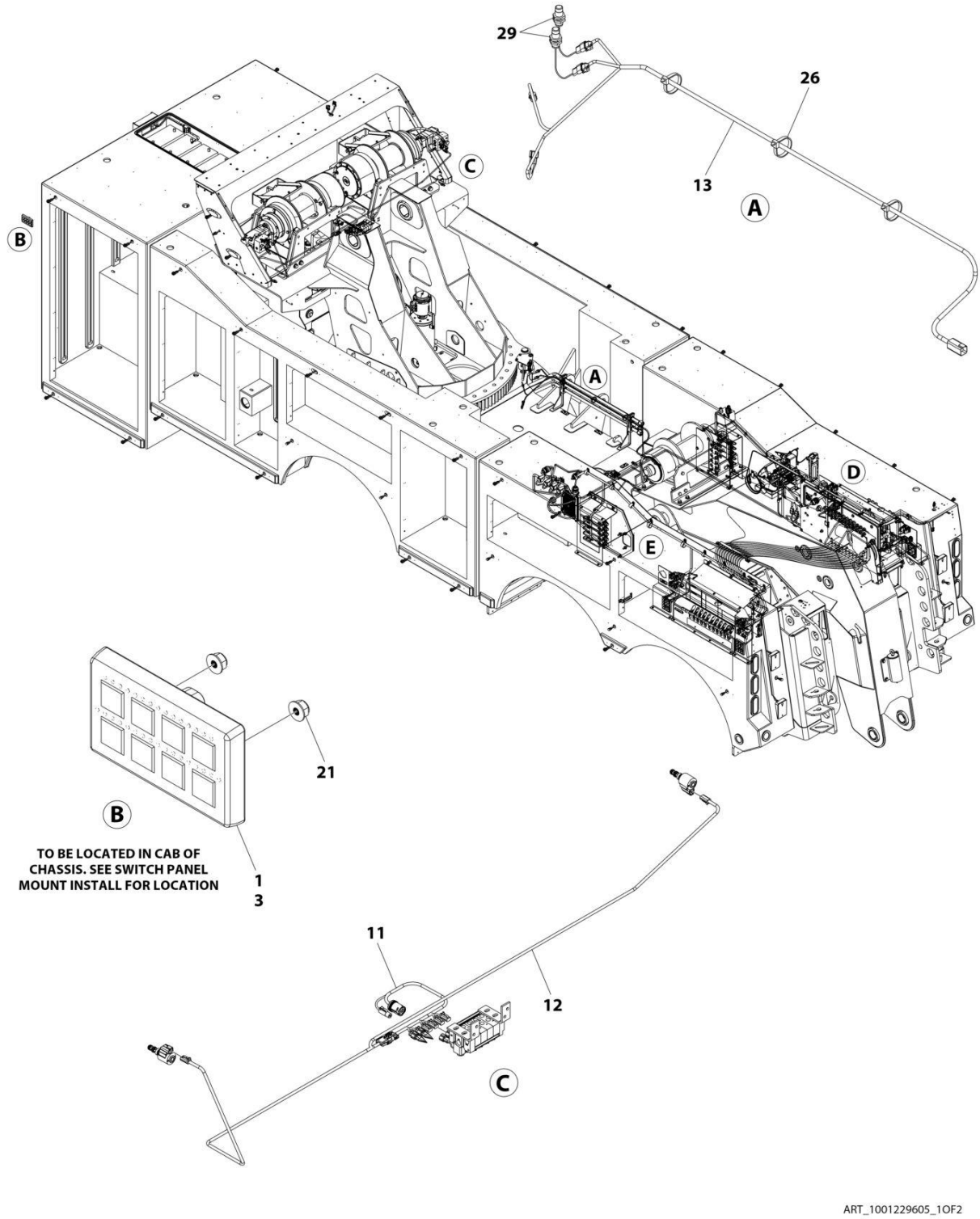


FIGURE 5-15. WIRELESS REMOTES INSTALLATION - PADDLE SWING (SN 0230009052 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001272074	Ref	WIRELESS REMOTES INSTALLATION - PADDLE SWING	A
1	1001250430	1	Control, Wireless 16 Function	
2	7295000146	1	Control, Wireless 6 Function	
3	1001272075	1	Harness	
4	4711000	4	Washer #10	
5	1001166322	7	Screw	
6	1001172004	4	Screw	
7	1001194676	4	Screw 1/4 x 3/4	
8	1001195257	3	Screw 1/4 x 1/2	
9	1001201384	1	Socket	
10	1001229927	1	Tray	
11	1001230068	4	Screw #10 x 3/4	
12	1001232116	4	Screw #8 x 1-1/4	
13	7274000036	4	Clamp	
14	5526000553	3	Tie Strap	
15	7950140143	3	Washer 1/4	
16	1001167286	1	Tie Strap	
17	1001097942	4	Washer #8	
18	7280000006	2	Clip	

FIGURE 5-16. M-PLEX ELECTRICAL INSTALLATION - WITHOUT UNDERLIFT WINCH (Prior to SN 0230009052)



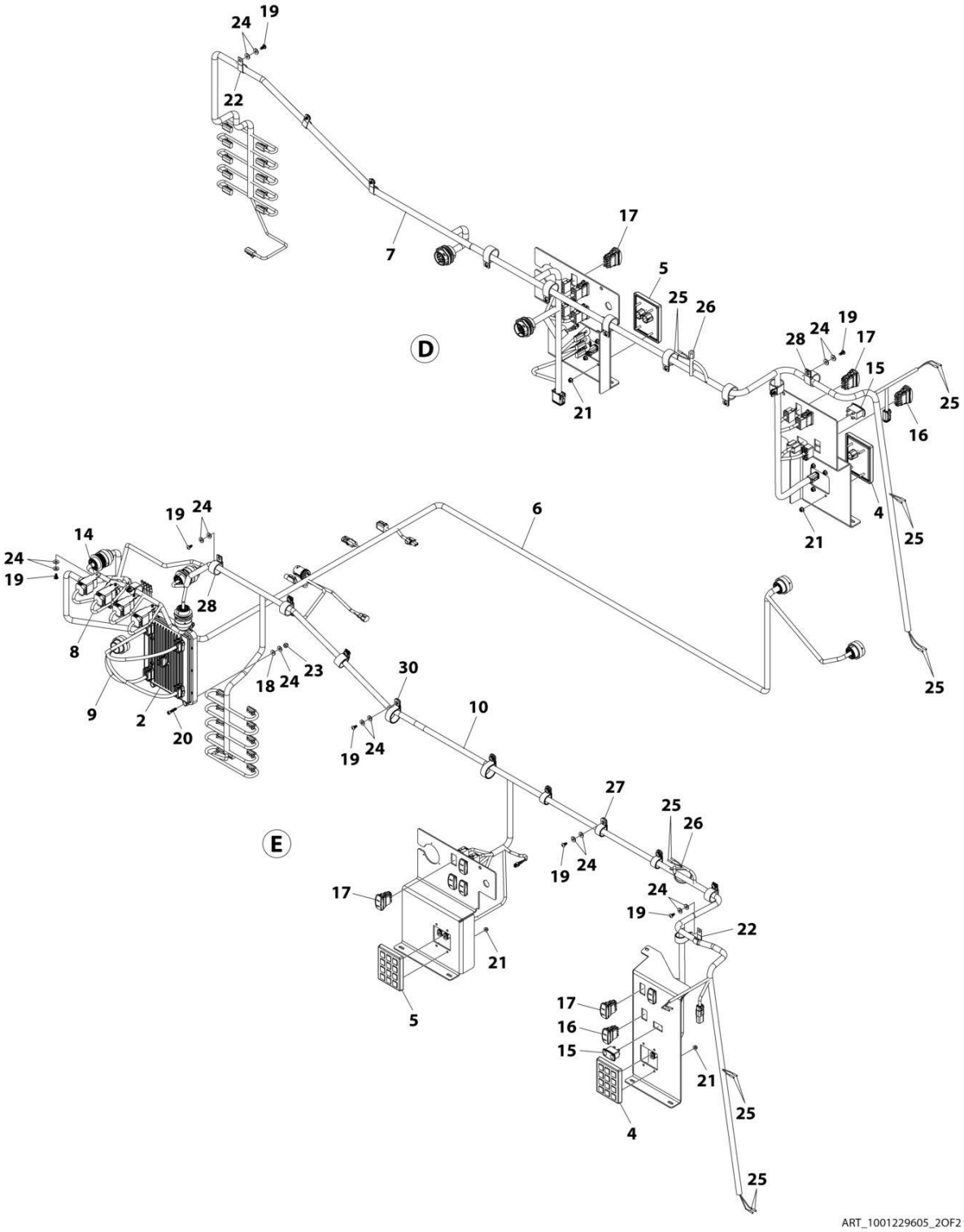
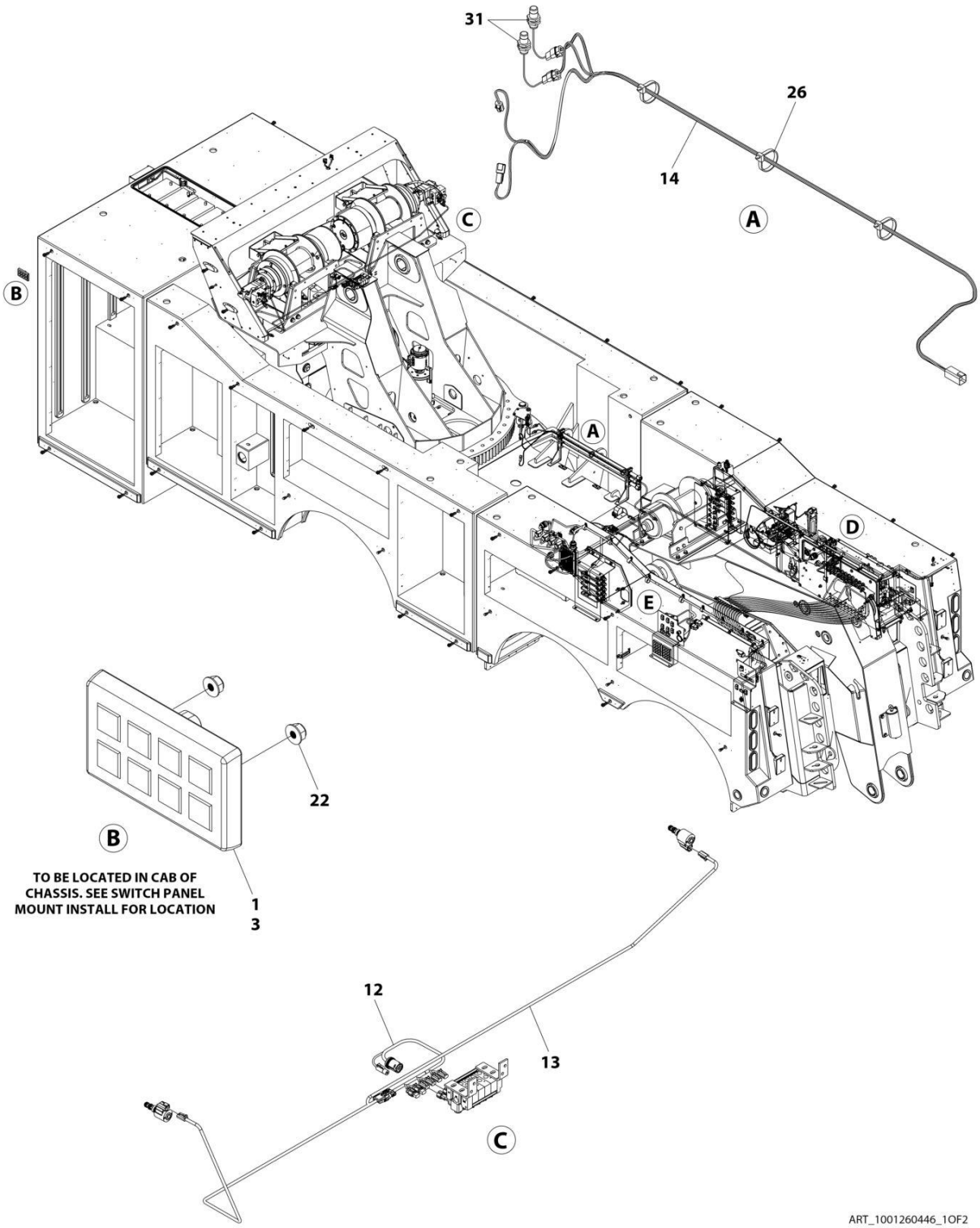

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ART_1001229605_2OF2

FIGURE 5-16. M-PLEX ELECTRICAL INSTALLATION - WITHOUT UNDERLIFT WINCH (Prior to SN 0230009052)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229605	Ref	M-PLEX ELECTRICAL INSTALLATION - WITHOUT UNDERLIFT WINCH	D
1	1001205244	NLA	Elec Assy, Multiplex Module (no longer available, use 1001258438 for replacement)	
1	1001258438	1	Elec Assy, Wrecker Touchlink	
2	1001211000	NLA	Switch Panel (no longer available, use 1001258439 for replacement)	
2	1001258439	1	Switch Panel	
3	1001211001	1	Switch Panel	
4	1001211002	1	Switch Panel	
5	1001211003	1	Switch Panel	
6	1001230515	1	Harness	
7	1001231052	1	Harness	
8	1001231205	1	Harness	
9	1001208952	1	Harness	
10	1001230424	1	Harness	
11	1001231250	1	Harness	
12	1001231251	1	Harness	
13	1001230518	1	Harness	
14	3740080	4	Relay	
15	1001154074	2	Elec Assy, Illuminated Plug	
16	1001154073	2	Switch	
17	1001136270	12	Switch	
18	1001166978	4	Washer 1/4	
19	1001195257	21	Screw 1/4 x 1/2	
20	1001209590	4	Screw 1/4 x 1	
21	1001209616	18	Nut	
22	7280000006	4	Clip	
23	7660142601	4	Nut 1/4	
24	7950140143	46	Washer 1/4	
25	7346000039	AR	Tubing, Heat Shrink	
26	5526000553	25	Tie Strap	
27	7274000105	4	Clamp	
28	7274000041	12	Clamp	
29	1001170847	2	Clamp	
30	7274000042	2	Clamp	

FIGURE 5-17. M-PLEX ELECTRICAL INSTALLATION - WITHOUT UL WINCH (SN 0230009052 to Present)



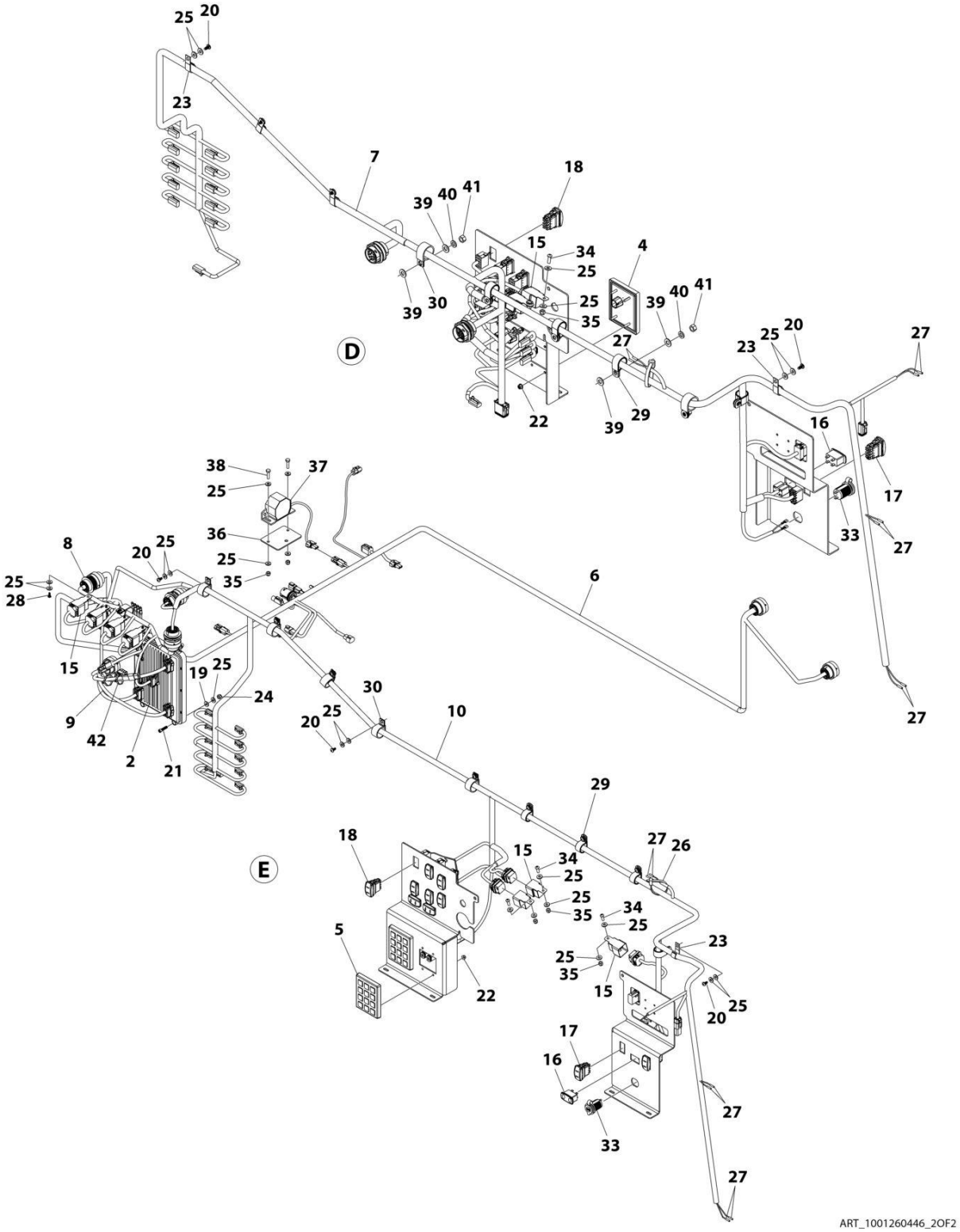
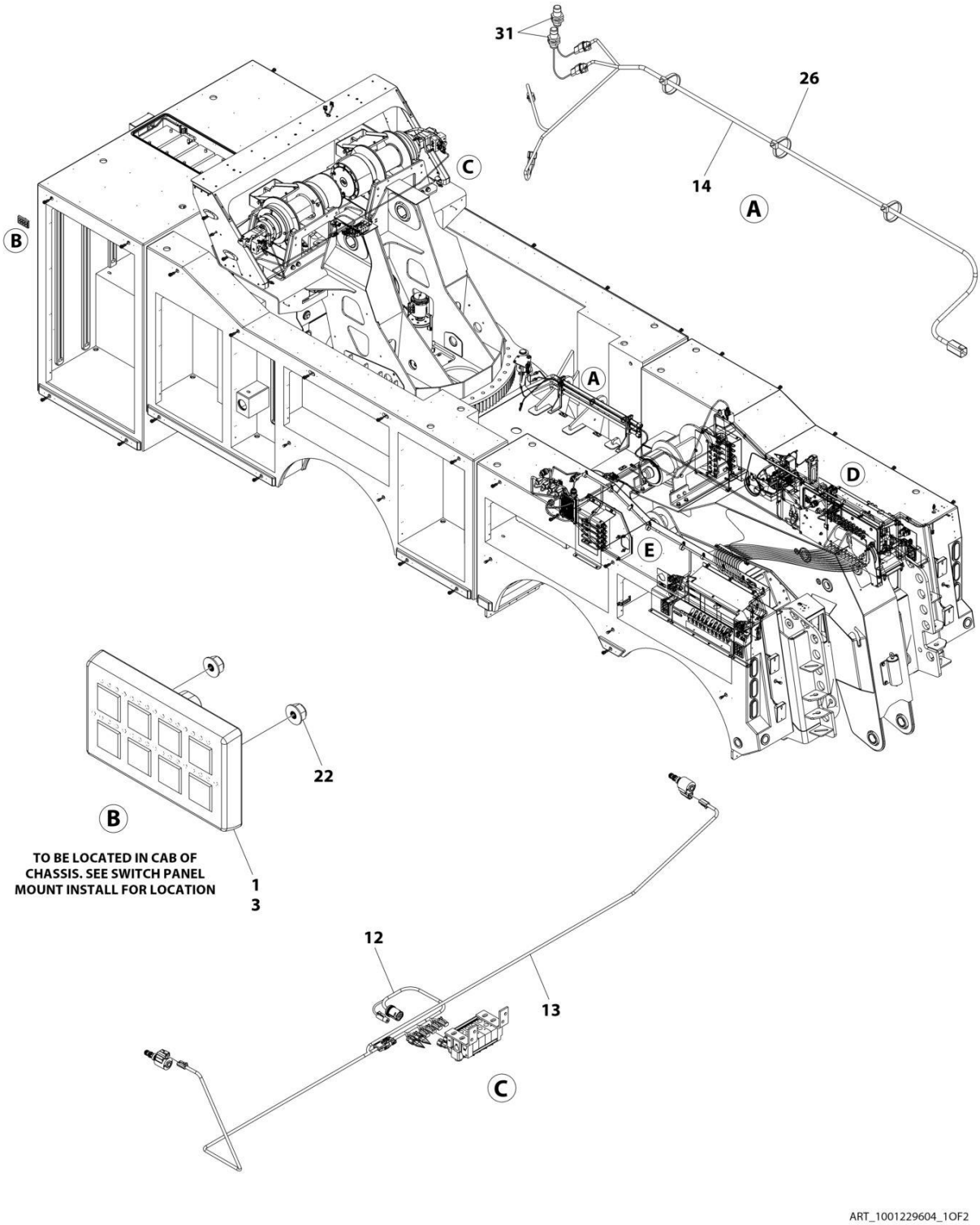

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ART_1001260446_2OF2

FIGURE 5-17. M-PLEX ELECTRICAL INSTALLATION - WITHOUT UL WINCH (SN 0230009052 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260446	Ref	M-PLEX ELECTRICAL INSTALLATION - WITHOUT UL WINCH	B
1	1001258438	1	Elec Assy, Wrecker Touchlink	
2	1001258439	1	Switch Panel	
3	1001211001	1	Switch Panel	
4	1001211002	1	Switch Panel	
5	1001211003	1	Switch Panel	
6	1001260449	1	Harness	
7	1001260448	1	Harness	
8	1001260450	1	Harness	
9	1001260451	1	Harness	
10	1001260447	1	Harness	
12	1001231250	1	Harness	
13	1001231251	1	Harness	
14	1001230518	1	Harness	
15	3740080	9	Relay	
16	1001154074	2	Elec Assy, Illuminated Plug	
17	1001154073	3	Switch	
18	1001136270	16	Switch	
19	1001166978	4	Washer 1/4	
20	1001195257	16	Screw 1/4 x 1/2	
21	1001209590	4	Screw 1/4 x 1	
22	1001209616	18	Nut	
23	7280000006	5	Clip	
24	7660142601	4	Nut 1/4	
25	7950140143	58	Washer 1/4	
26	5526000553	25	Tie Strap	
27	7346000039	AR	Tubing, Heat Shrink	
28	1001192958	4	Screw #10 x 1/2	
29	7274000105	8	Clamp	
30	7274000041	8	Clamp	
31	1001170847	2	Sensor	
33	1001253800	2	Terminal, USB Receptacle	
34	7114140618	5	Capscrew 1/4 x 3/4	
35	7660142604	7	Nut 1/4	
36	1001263004	1	Plate	
37	7011000006	1	Alarm	
38	7114140850	2	Capscrew 1/4 x 1	
39	4711600	10	Washer 3/8	
40	4761600	5	Washer 3/8	
41	3311601	5	Nut 3/8	
42	7894000010	2	Tie Strap	

FIGURE 5-18. M-PLEX ELECTRICAL INSTALLATION - WITH UNDERLIFT WINCH (Prior to SN 0230009052)



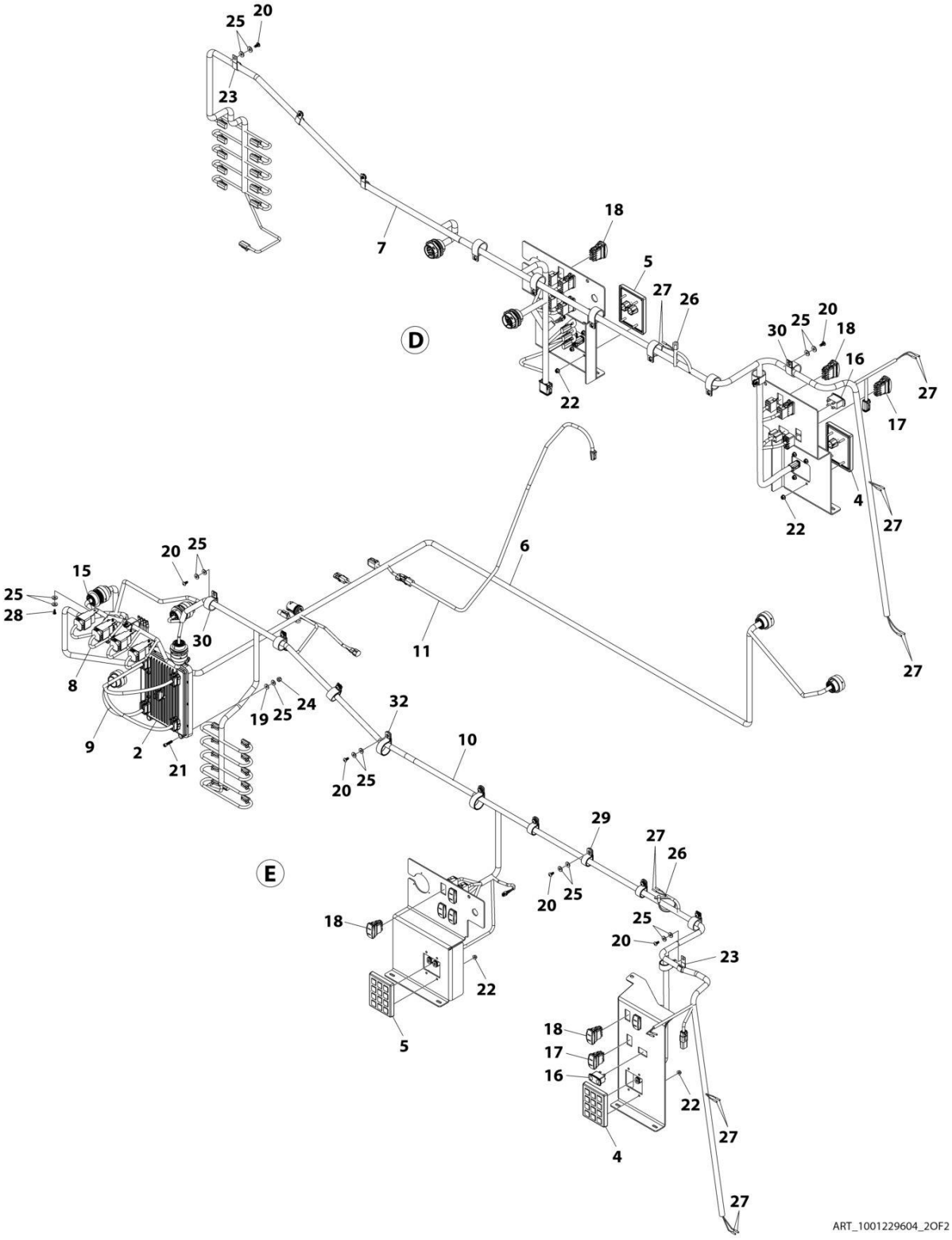
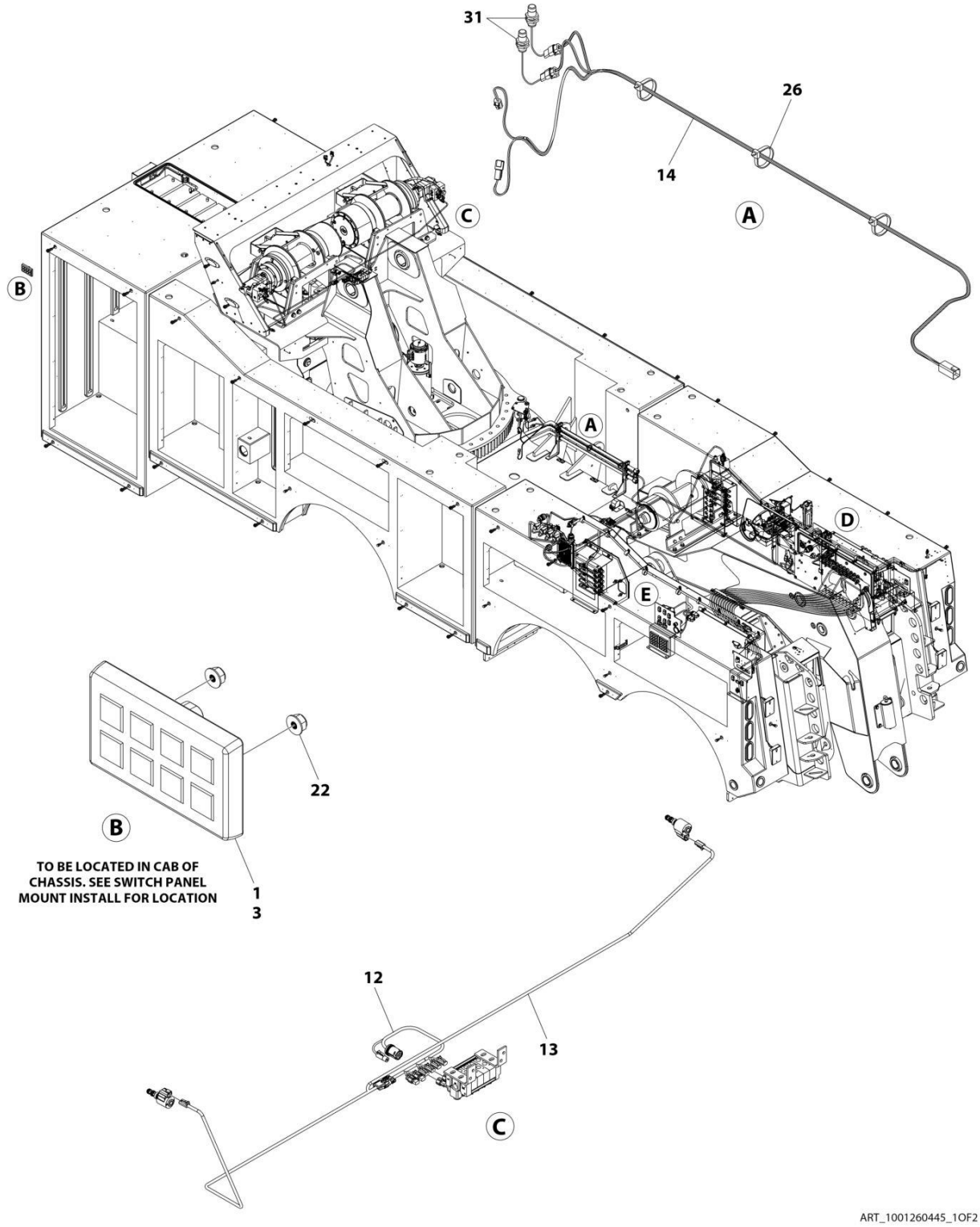

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ART_1001229604_2OF2

FIGURE 5-18. M-PLEX ELECTRICAL INSTALLATION - WITH UNDERLIFT WINCH (Prior to SN 0230009052)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229604	Ref	M-PLEX ELECTRICAL INSTALLATION - WITH UNDERLIFT WINCH	D
1	1001205244	NLA	Elec Assy, Multiplex Module (no longer available, use 1001258438 for replacement)	
1	1001258438	1	Elec Assy, Wrecker Touchlink	
2	1001211000	NLA	Switch Panel (no longer available, use 1001258439 for replacement)	
2	1001258439	1	Switch Panel	
3	1001211001	1	Switch Panel	
4	1001211002	1	Switch Panel	
5	1001211003	1	Switch Panel	
6	1001230515	1	Harness	
7	1001231052	1	Harness	
8	1001231205	1	Harness	
9	1001208952	1	Harness	
10	1001230424	1	Harness	
11	1001209035	1	Harness	
12	1001231250	1	Harness	
13	1001231251	1	Harness	
14	1001230518	1	Harness	
15	3740080	4	Relay	
16	1001154074	2	Elec Assy, Illuminated Plug	
17	1001154073	2	Switch	
18	1001136270	12	Switch	
19	1001166978	4	Washer 1/4	
20	1001195257	17	Screw 1/4 x 1/2	
21	1001209590	4	Screw 1/4 x 1	
22	1001209616	18	Nut	
23	7280000006	4	Clip	
24	7660142601	4	Nut 1/4	
25	7950140143	46	Washer 1/4	
26	5526000553	25	Tie Strap	
27	7346000039	AR	Tubing, Heat Shrink	
28	1001192958	4	Screw #10 x 1/2	
29	7274000105	4	Clamp	
30	7274000041	12	Clamp	
31	1001170847	2	Clamp	
32	7274000042	2	Clamp	

FIGURE 5-19. M-PLEX ELECTRICAL INSTALLATION - WITH UL WINCH (SN 0230009052 to Present)



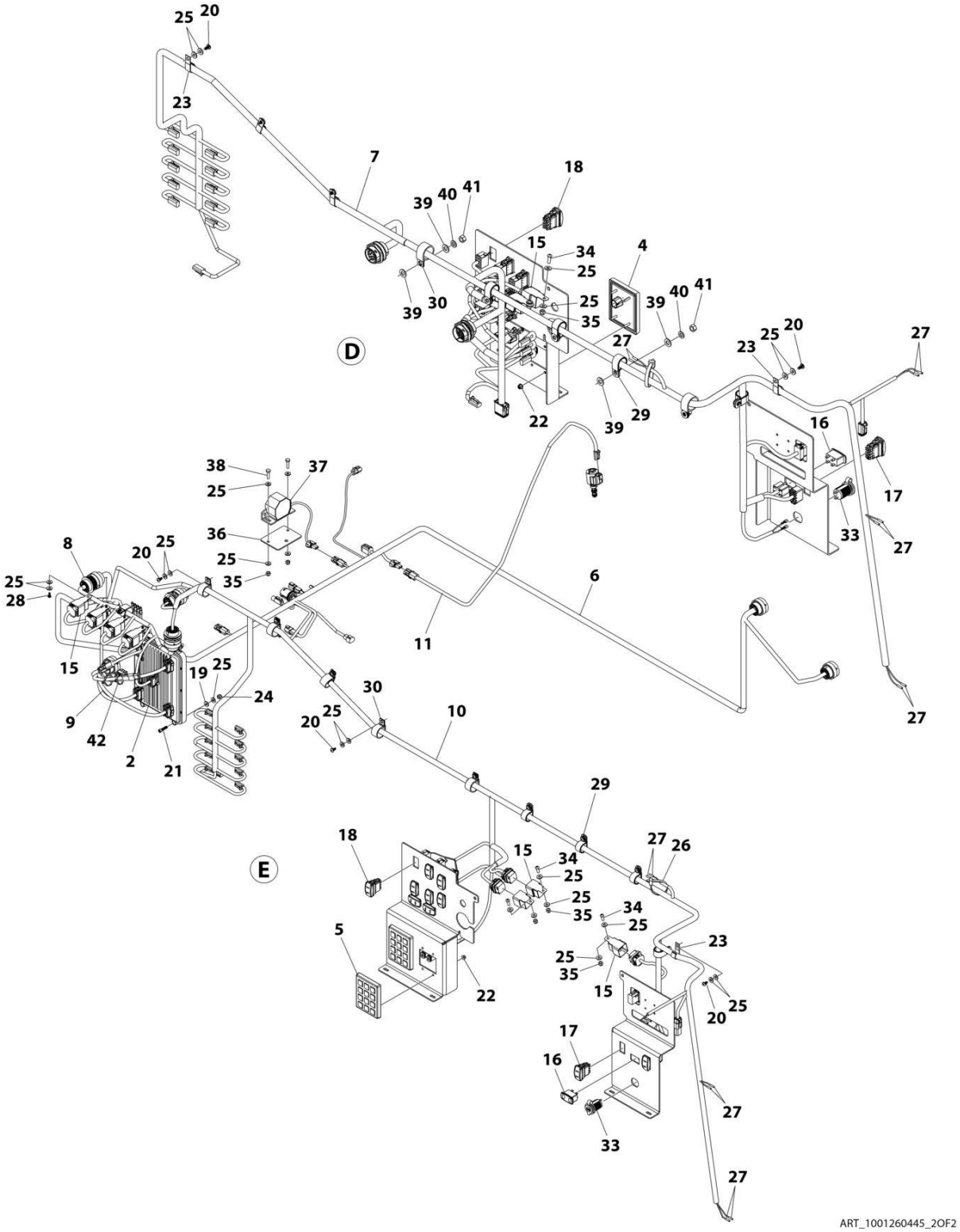
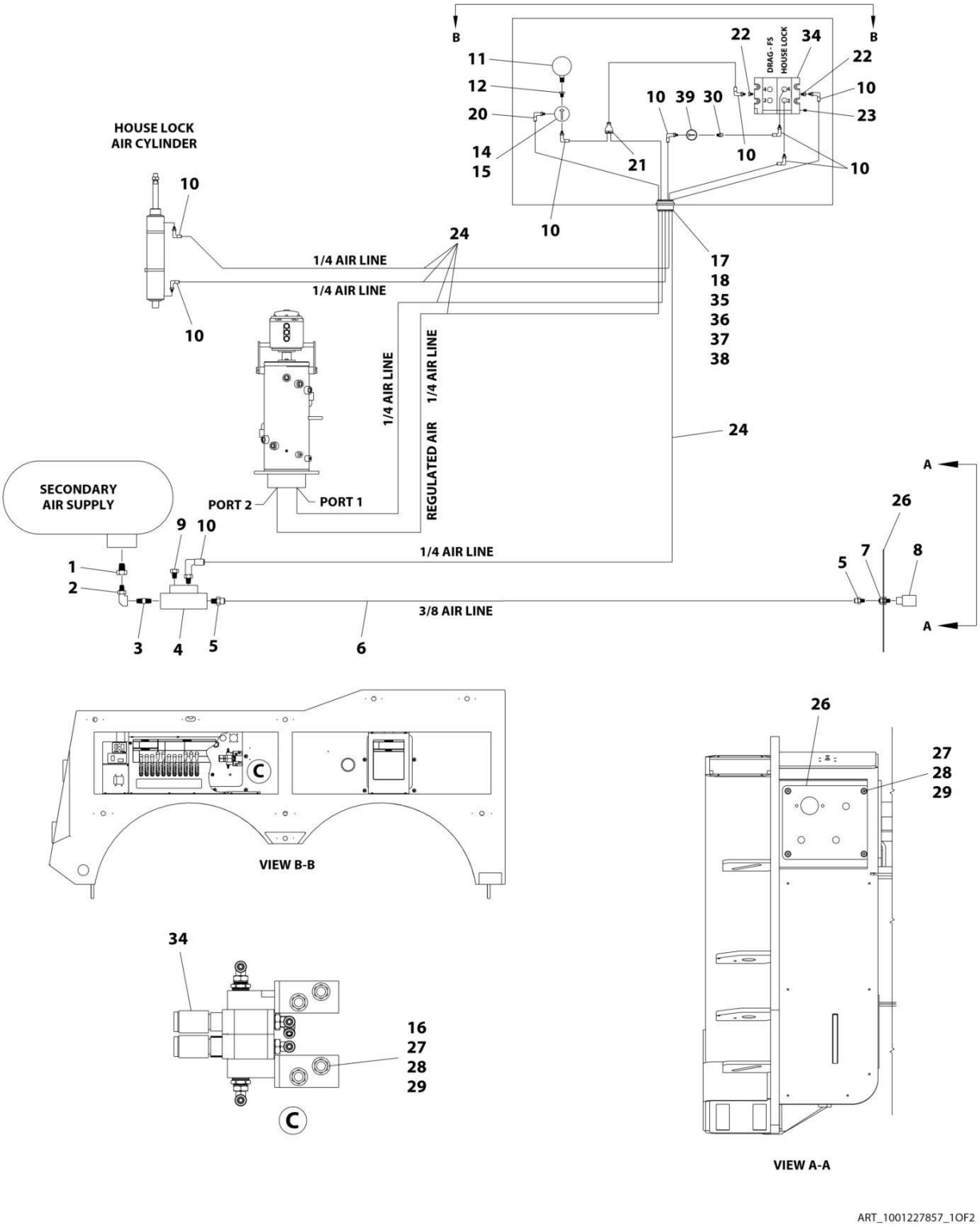
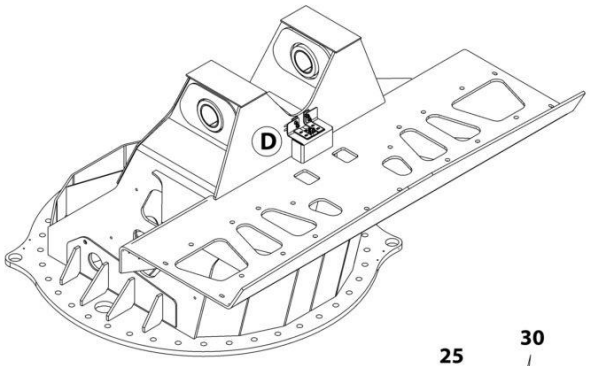

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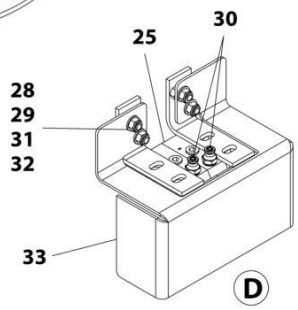
FIGURE 5-19. M-PLEX ELECTRICAL INSTALLATION - WITH UL WINCH (SN 0230009052 to Present)

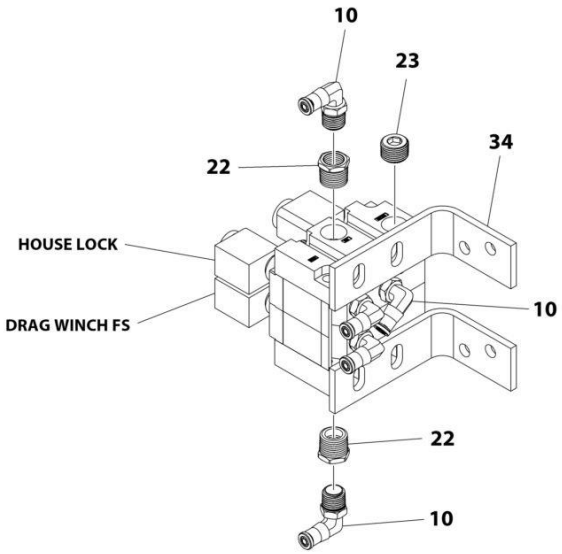
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260445	Ref	M-PLEX ELECTRICAL INSTALLATION - WITH UL WINCH	B
1	1001258438	1	Elec Assy, Wrecker Touchlink	
2	1001258439	1	Switch Panel	
3	1001211001	1	Switch Panel	
4	1001211002	1	Switch Panel	
5	1001211003	1	Switch Panel	
6	1001260449	1	Harness	
7	1001260448	1	Harness	
8	1001260450	1	Harness	
9	1001260451	1	Harness	
10	1001260447	1	Harness	
11	1001209035	1	Harness	
12	1001231250	1	Harness	
13	1001231251	1	Harness	
14	1001230518	1	Harness	
15	3740080	9	Relay	
16	1001154074	2	Elec Assy, Illuminated Plug	
17	1001154073	3	Switch	
18	1001136270	16	Switch	
19	1001166978	4	Washer 1/4	
20	1001195257	16	Screw 1/4 x 1/2	
21	1001209590	4	Screw 1/4 x 1	
22	1001209616	18	Nut	
23	7280000006	5	Clip	
24	7660142601	4	Nut 1/4	
25	7950140143	58	Washer 1/4	
26	5526000553	25	Tie Strap	
27	7346000039	AR	Tubing, Heat Shrink	
28	1001192958	4	Screw #10 x 1/2	
29	7274000105	8	Clamp	
30	7274000041	8	Clamp	
31	1001170847	2	Sensor	
33	1001253800	2	Terminal, USB Receptacle	
34	7114140618	5	Capscrew 1/4 x 3/4	
35	7660142604	7	Nut 1/4	
36	1001263004	1	Plate	
37	7011000006	1	Alarm	
38	7114140850	2	Capscrew 1/4 x 1	
39	4711600	10	Washer 3/8	
40	4761600	5	Washer 3/8	
41	3311601	5	Nut 3/8	
42	7894000010	2	Tie Strap	

FIGURE 5-20. AIR INSTALLATION - WITHOUT UNDERLIFT WINCH - 50,000 LBS

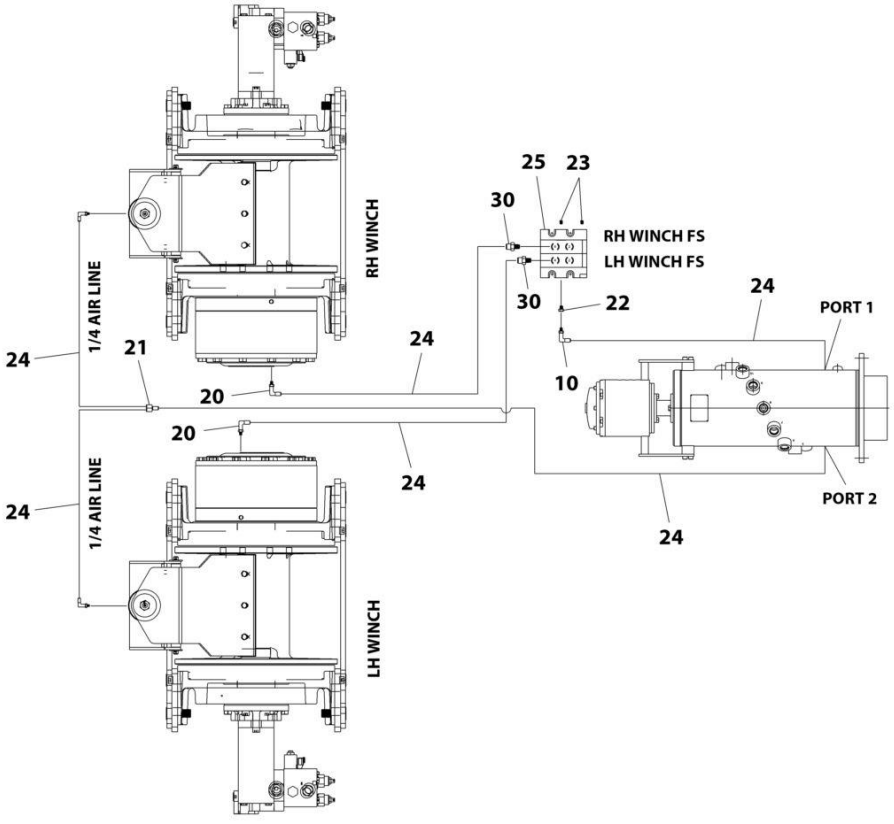








BODY MOUNTED AIR VALVE (ONLY)

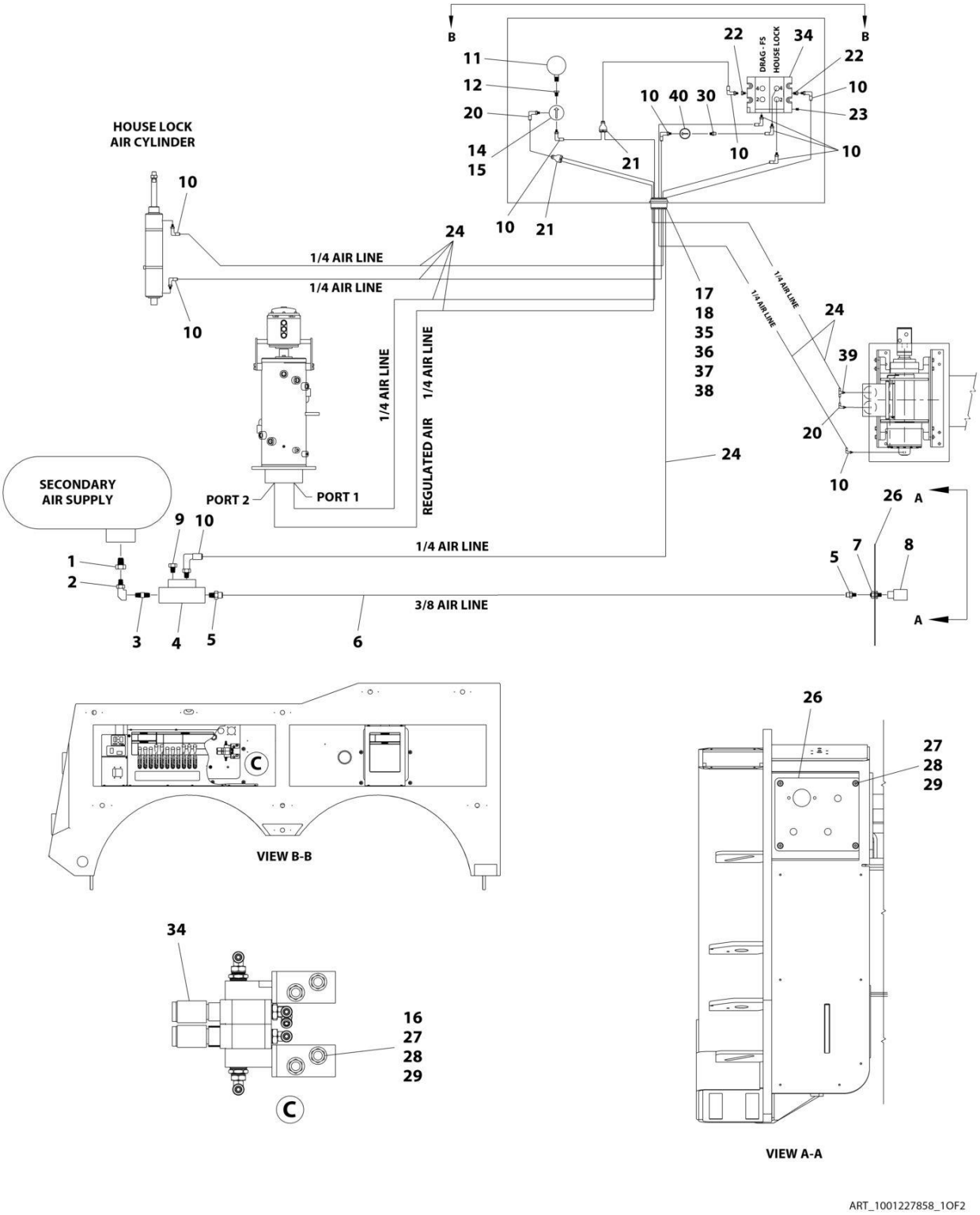


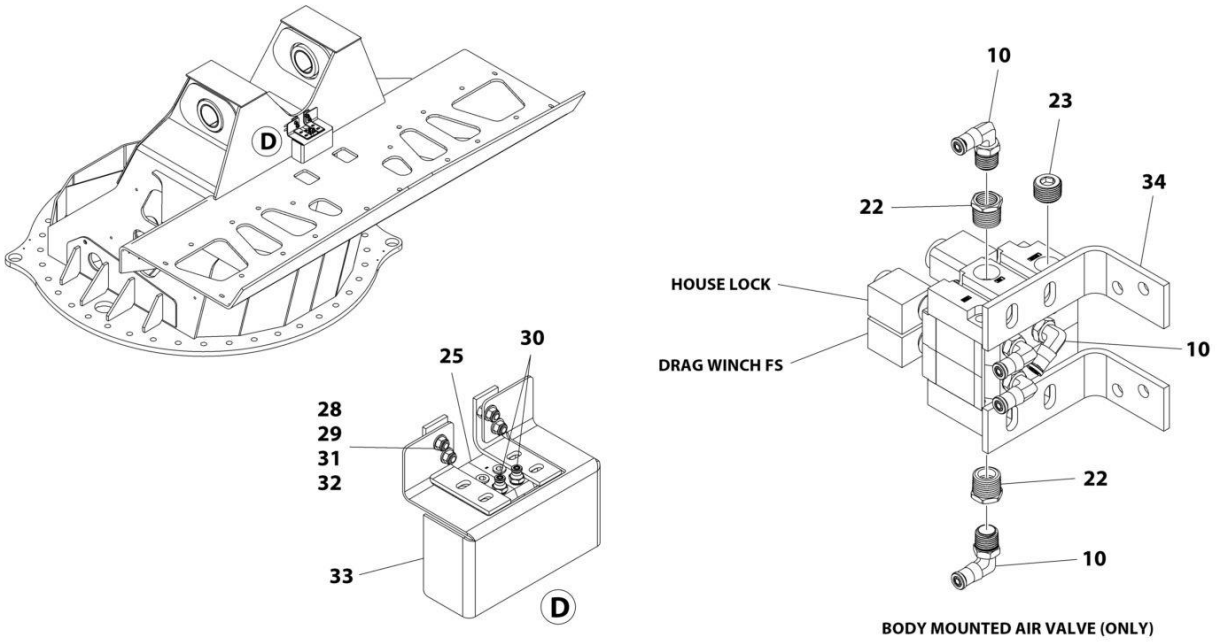
ART_1001227857_2OF2

FIGURE 5-20. AIR INSTALLATION - WITHOUT UNDERLIFT WINCH - 50,000 LBS

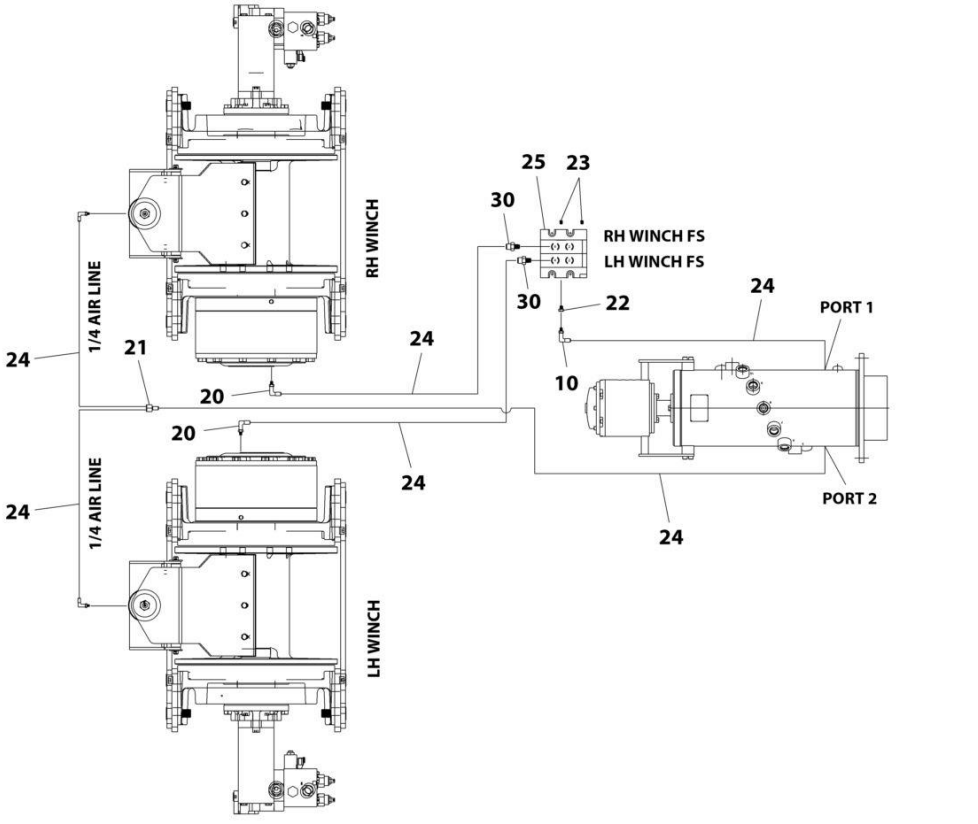
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227857	Ref	Air Installation - Without Underlift Winch - 50,000 lbs	C
1	7443000154	1	Bushing	
2	7443000155	1	Fitting	
3	7443000156	1	Nipple	
4	7935000120	1	Valve, Pressure Protection Valve	
5	7443000175	2	Fitting	
6	7565000014	30 ft	Airline Tubing	
7	7446502518	1	Fitting, Bulkhead	
8	7312000017	1	Coupling, Quick Disconnect	
9	7444020013	1	Plug	
10	7443000139	10	Fitting	
11	7470000006	1	Gauge, Air Pressure	
12	7443000149	1	Bushing	
14	7295000029	1	Air Regulator	
15	7661000041	1	Panel	
16	1001197482	4	Washer 5/16	
17	1001184765	1	Terminal, Bulkhead	
18	1001197506	4	Seal	
20	7443000173	3	Fitting	
21	7443000448	2	Fitting	
22	7443000148	3	Bushing	
23	7444030037	3	Plug	
24	7565000016	200 ft	Airline Tubing	
25	1001129800	1	Air Valve 2 Section (See Separate Breakdown in HYDRAULIC Section)	
26	4706006033	1	Plate	
27	7114150850	8	Capscrew 5/16 x 1	
28	7950150143	24	Washer 5/16	
29	7660152604	12	Nut 5/16	
30	7443000329	3	Fitting	
31	7660150001	4	Nut 5/16	
32	7115151450	4	Capscrew 5/16 x 1-3/4	
33	1001135301	1	Shield, Air Valve	
34	1001227641	1	Air Valve	
35	7114100818	4	Screw #10	
36	7950100143	8	Washer 3/16	
37	1001197483	4	Washer #10	
38	7660102601	4	Nut #10	
39	7935000248	1	Valve Air Regulator	
40	5526000553	2	Tie Plastic Strap (Not Shown)	

FIGURE 5-21. AIR INSTALLATION - WITH UNDERLIFT WINCH - 35,000/50,000 LBS





BODY MOUNTED AIR VALVE (ONLY)

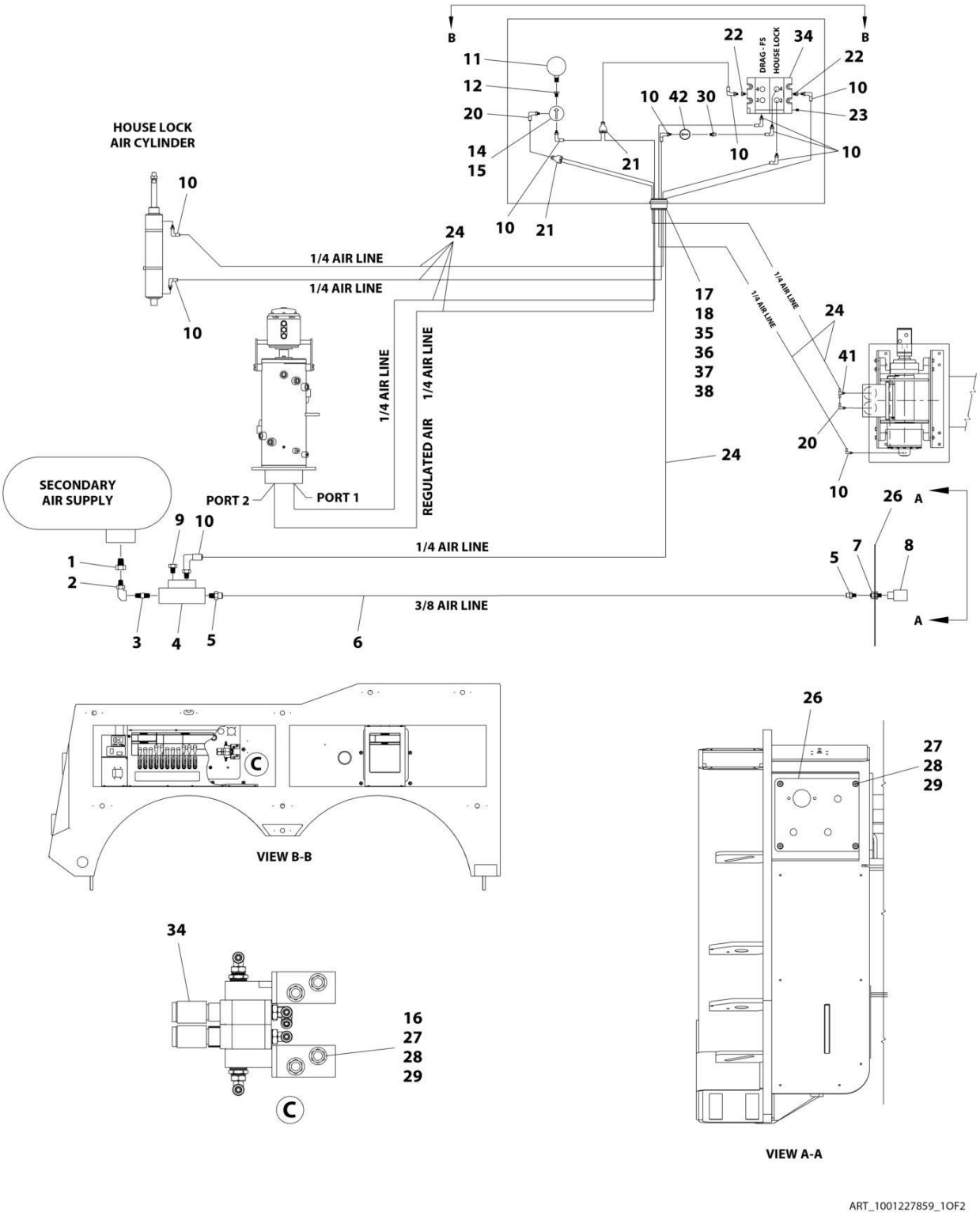


ART_1001227858_2OF2

FIGURE 5-21. AIR INSTALLATION - WITH UNDERLIFT WINCH - 35,000/50,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227858	Ref	AIR INSTALLATION - WITH UNDERLIFT WINCH - 35,000/50,000 LBS	D
1	7443000154	1	Bushing	
2	7443000155	1	Fitting, 90	
3	7443000156	1	Nipple	
4	7935000120	1	Valve, Pressure Protection Valve	
5	7443000175	2	Fitting, Straight	
6	7565000014	30 ft	Airline Tubing	
7	7446502518	1	Fitting, Bulkhead	
8	7312000017	1	Coupling, Quick Disconnect	
9	7444020013	1	Plug	
10	7443000139	12	Fitting, 90	
11	7470000006	1	Gauge, Air Pressure	
12	7443000149	1	Bushing	
14	7295000029	1	Air Regulator	
15	7661000041	1	Panel	
16	1001197482	4	Washer 5/16	
17	1001184765	1	Terminal, Bulkhead	
18	1001197506	4	Seal	
20	7443000173	4	Fitting, 90	
21	7443000448	3	Fitting, Union	
22	7443000148	3	Bushing	
23	7444030037	3	Plug	
24	7565000016	200 ft	Airline Tubing	
25	1001129800	1	Air Valve 2 Section (See Separate Breakdown in HYDRAULIC Section)	
26	4706006033	1	Plate	
27	7114150850	8	Bolt 5/16 x 1	
28	7950150143	24	Washer 5/16	
29	7660152604	12	Nut 5/16	
30	7443000329	3	Fitting, Straight	
31	7660150001	4	Nut 5/16	
32	7115151450	4	Bolt 5/16 x 1-3/4	
33	1001135301	1	Shield, Air Valve	
34	1001227641	1	Air Valve	
35	7114100818	1	Screw #10	
36	7950100143	4	Washer 3/16	
37	1001207736	8	Washer #10	
38	7660102601	4	Nut #10	
39	7443000174	1	Fitting, Tee	
40	7935000248	1	Valve Air Regulator	
41	5526000553	2	Tie Plastic Strap (Not Shown)	

FIGURE 5-22. AIR INSTALLATION - WITH AUXILIARY WINCHES AND WITH UNDERLIFT WINCH - 20,000/35,000/50,000 LBS



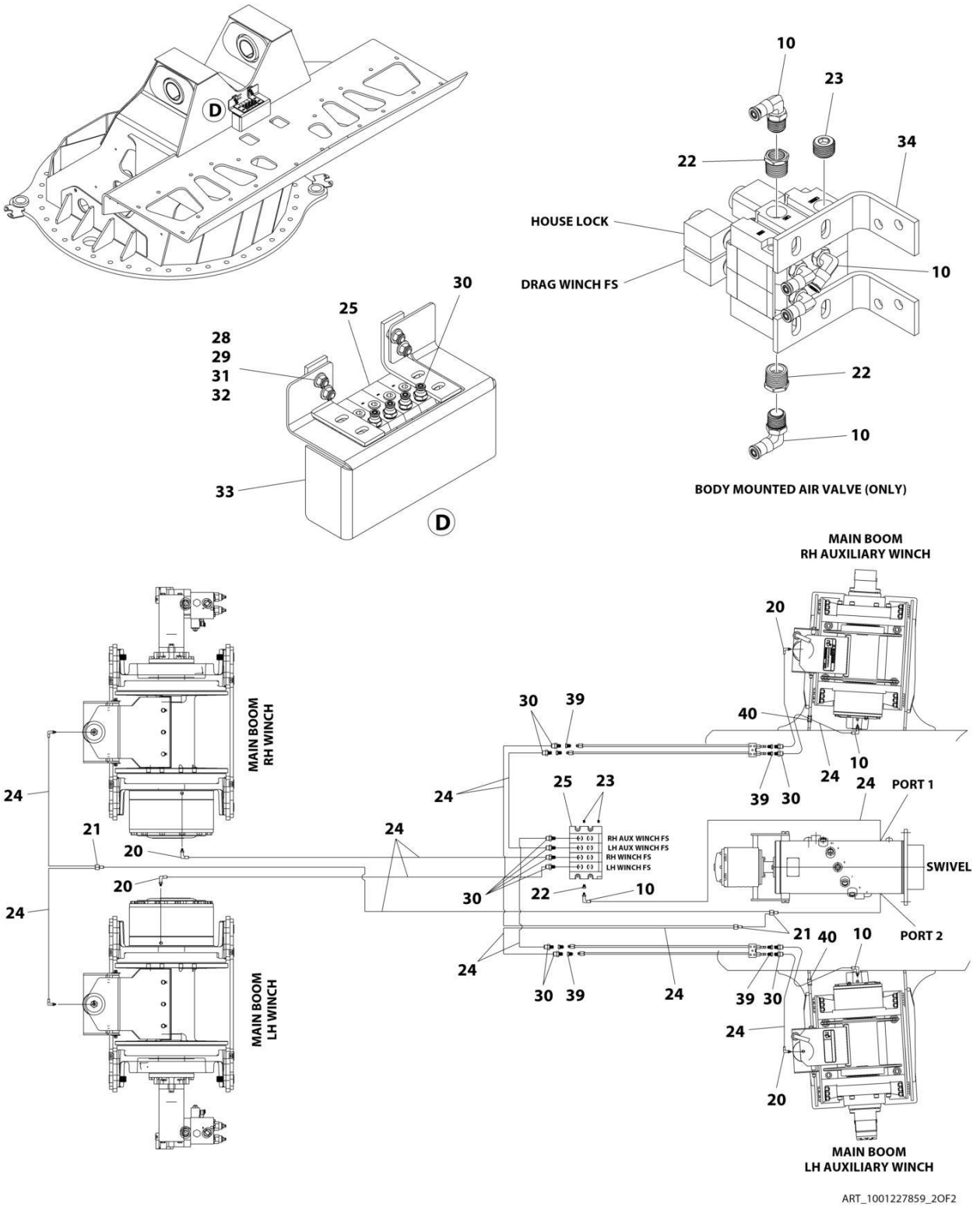
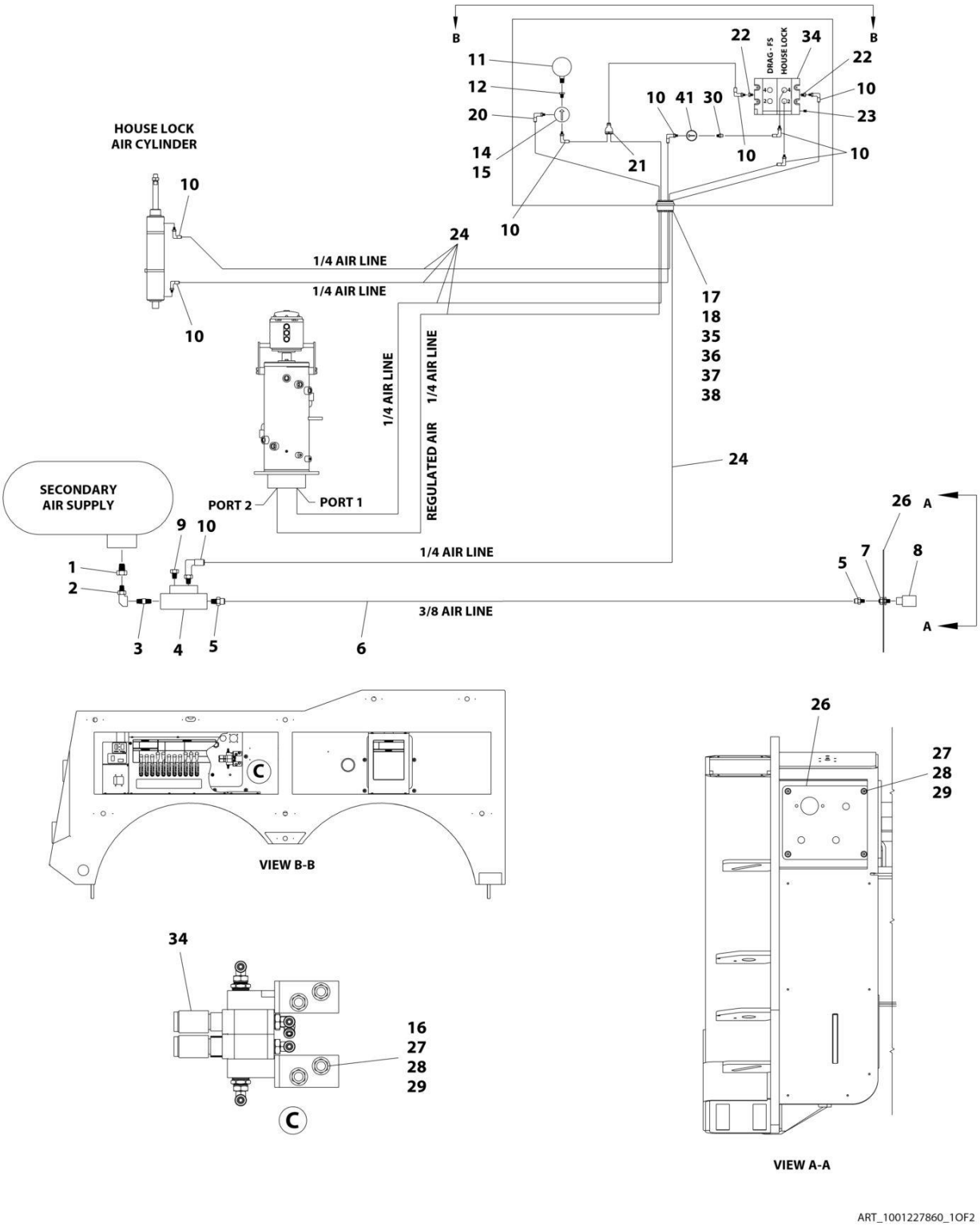

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BODY MOUNTED AIR VALVE (ONLY)
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RH AUXILIARY WINCH
MAIN BOOM
RH WINCH
MAIN BOOM
LH WINCH
MAIN BOOM
LH AUXILIARY WINCH
RH AUX WINCH FS
LH AUX WINCH FS
RH WINCH FS
LH WINCH FS
PORT 1
PORT 2
SWIVEL
ART_1001227859_2OF2

FIGURE 5-22. AIR INSTALLATION - WITH AUXILIARY WINCHES AND WITH UNDERLIFT WINCH - 20,000/35,000/50,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227859	Ref	AIR INSTALLATION - WITH AUXILIARY WINCHES AND WITH UNDERLIFT WINCH - 20,000/35,000/50,000 LBS	D
1	7443000154	1	Bushing	
2	7443000155	1	Fitting, 90	
3	7443000156	1	Nipple	
4	7935000120	1	Valve, Pressure Protection Valve	
5	7443000175	2	Fitting, Straight	
6	7565000014	30 ft	Airline Tubing	
7	7446502518	1	Fitting, Bulkhead	
8	7312000017	1	Coupling, Quick Disconnect	
9	7444020013	1	Plug	
10	7443000139	14	Fitting, 90	
11	7470000006	1	Gauge, Air Pressure	
12	7443000149	1	Bushing	
14	7295000029	1	Air Regulator	
15	7661000041	1	Panel	
16	1001197482	4	Washer 5/16	
17	1001184765	1	Terminal, Bulkhead	
18	1001197506	2	Seal	
20	7443000173	6	Fitting, 90	
21	7443000448	5	Fitting, Union	
22	7443000148	3	Bushing	
23	7444030037	3	Plug	
24	7565000016	225 ft	Airline Tubing	
25	1001157941	1	Air Valve 4 Section (See Separate Breakdown in HYDRAULIC Section)	
26	4706006033	1	Plate	
27	7114150850	8	Bolt 5/16 x 1	
28	7950150143	24	Washer 5/16	
29	7660152604	12	Nut 5/16	
30	7443000329	12	Fitting, Straight	
31	7660150001	4	Nut 5/16	
32	7115151450	4	Bolt 5/16 x 1-3/4	
33	1001158940	1	Shield, Air Valve	
34	1001227641	1	Air Valve	
35	7114100818	4	Screw #10	
36	7950100143	8	Washer 3/16	
37	1001207736	4	Washer #10	
38	7660102601	4	Nut #10	
39	7445040421	8	Fitting, 90	
40	1001145816	2	Grommet	
41	7443000174	1	Fitting, Tee	
42	7935000248	1	Valve Air Regulator	
43	5526000553	2	Tie Plastic Strap (Not Shown)	

FIGURE 5-23. AIR INSTALLATION - WITH AUXILIARY WINCHES AND WITHOUT UNDERLIFT WINCH - 20,000/50,000 LBS



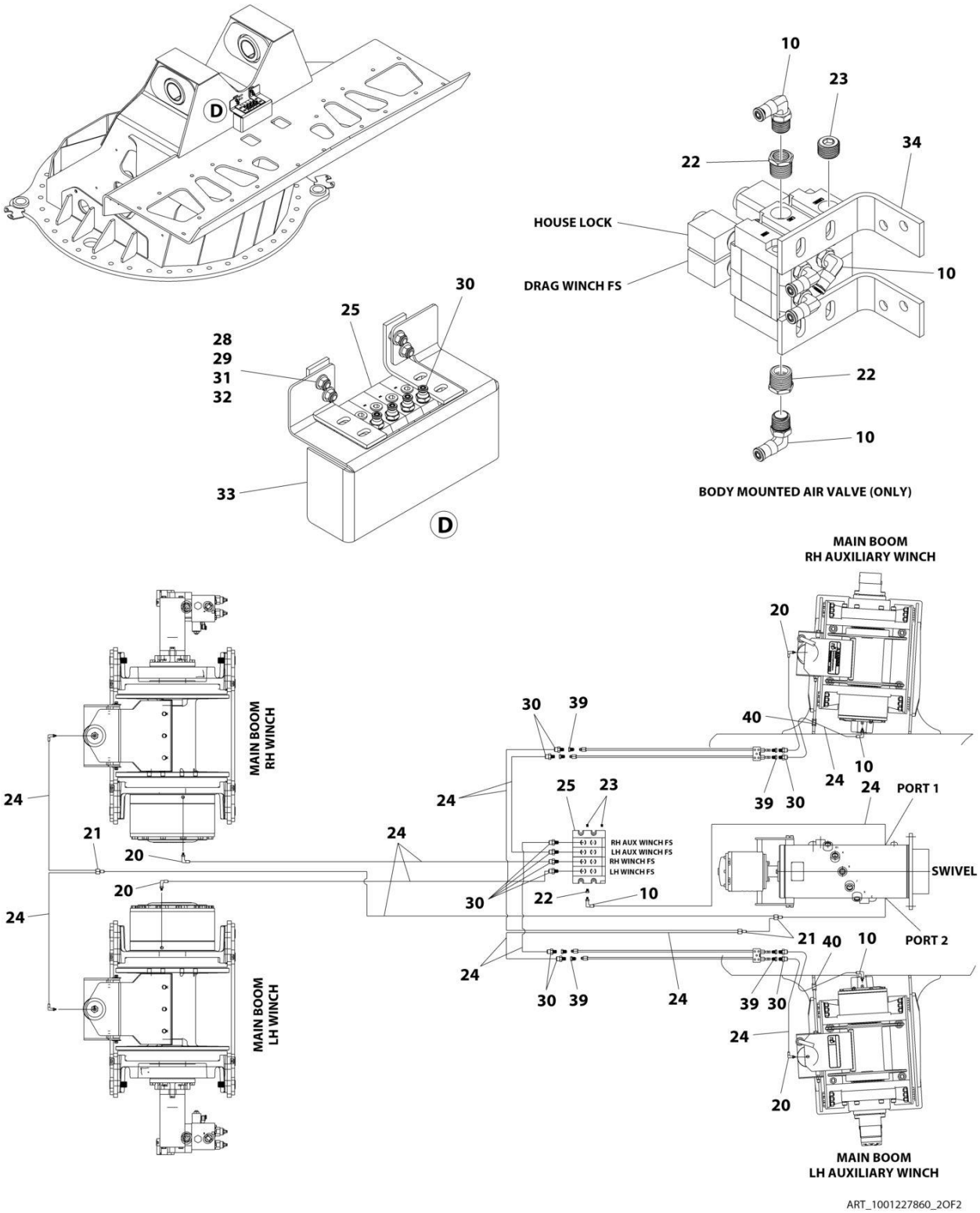
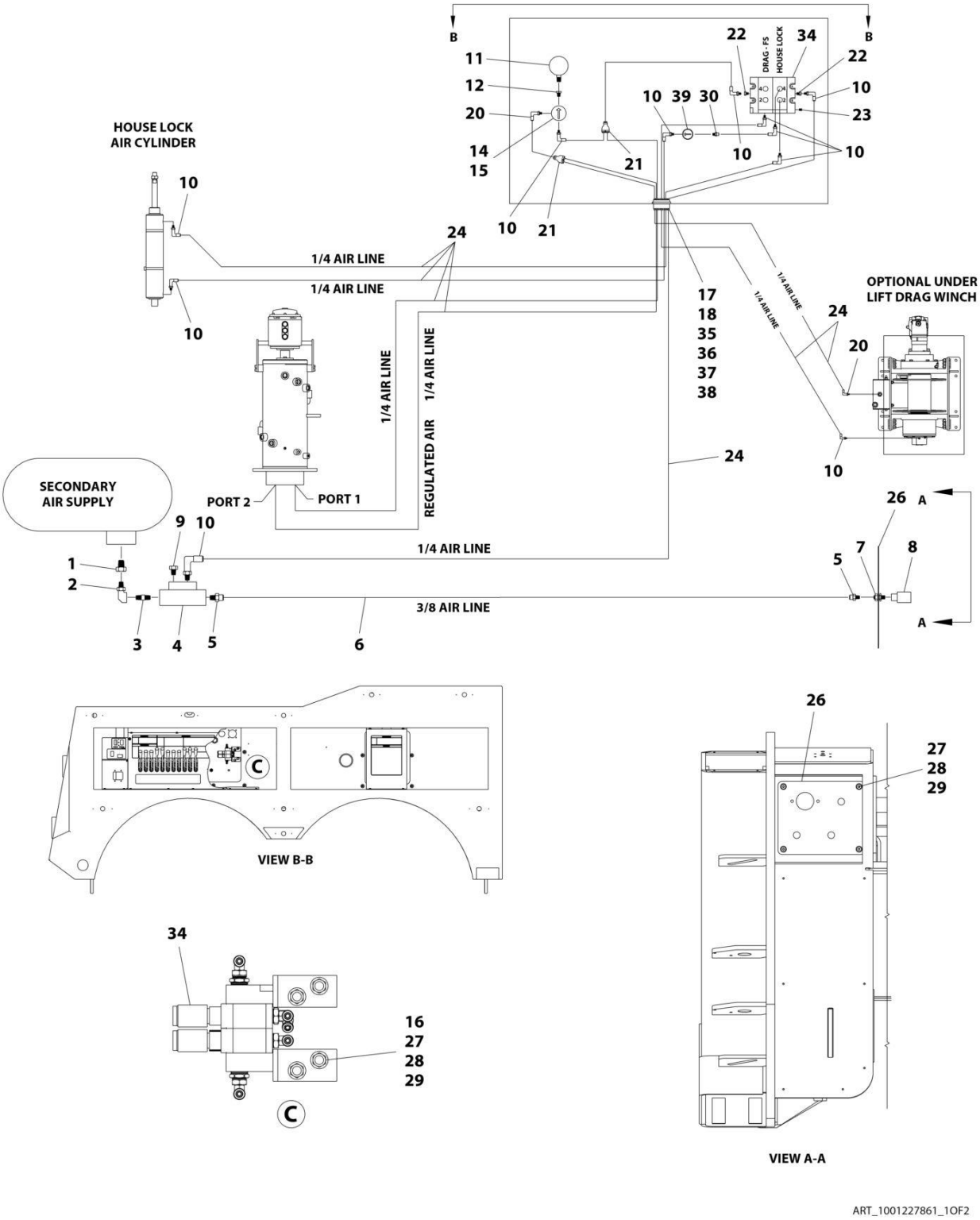

D
10
23
34
22
HOUSE LOCK
DRAG WINCH FS
10
22
10
BODY MOUNTED AIR VALVE (ONLY)
30
25
28
29
31
32
33
D
MAIN BOOM
RH AUXILIARY WINCH
20
30
39
40
10
24
39
30
24
PORT 1
MAIN BOOM
RH WINCH
24
25
23
24
21
20
24
RH AUX WINCH FS
LH AUX WINCH FS
RH WINCH FS
LH WINCH FS
SWIVEL
20
24
30
22
10
21
40
10
PORT 2
24
30
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39
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20
MAIN BOOM
LH WINCH
MAIN BOOM
LH AUXILIARY WINCH
ART_1001227860_2OF2

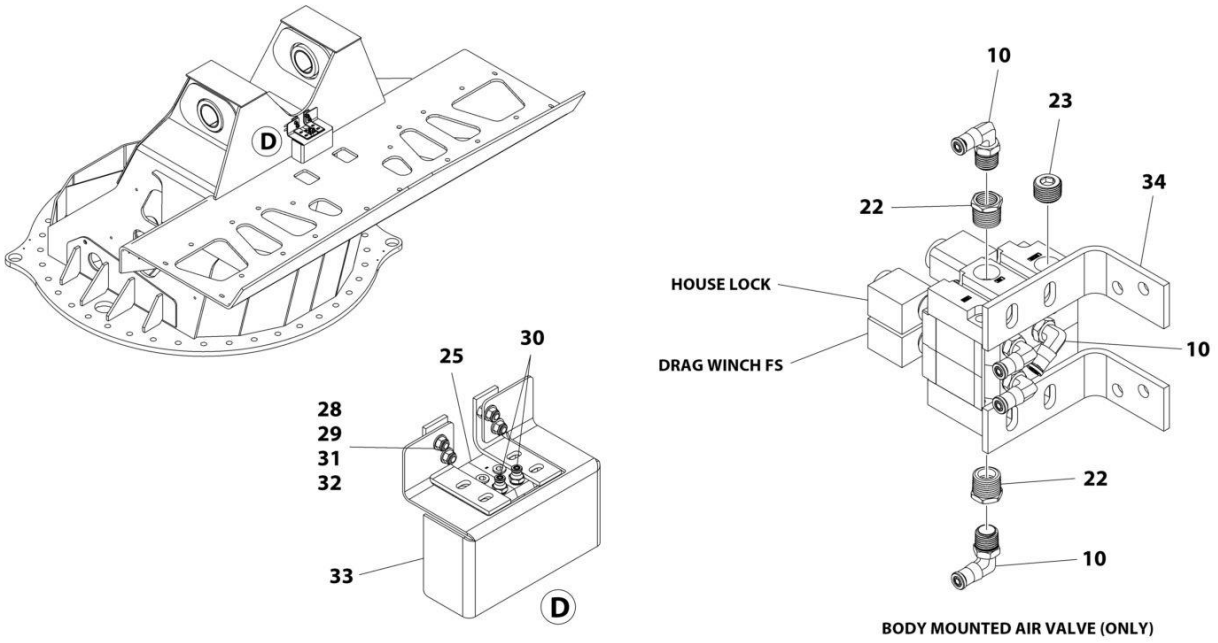
FIGURE 5-23. AIR INSTALLATION - WITH AUXILIARY WINCHES AND WITHOUT UNDERLIFT WINCH - 20,000/50,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227860	Ref	AIR INSTALLATION - WITH AUXILIARY WINCHES AND WITHOUT UNDERLIFT WINCH - 20,000/50,000 LBS	D
1	7443000154	1	Bushing	
2	7443000155	1	Fitting, 90	
3	7443000156	1	Nipple	
4	7935000120	1	Valve, Pressure Protection Valve	
5	7443000175	2	Fitting, Straight	
6	7565000014	30 ft	Airline Tubing	
7	7446502518	1	Fitting, Bulkhead	
8	7312000017	1	Coupling, Quick Disconnect	
9	7444020013	1	Plug	
10	7443000139	12	Fitting, 90	
11	7470000006	1	Gauge, Air Pressure	
12	7443000149	1	Bushing	
14	7295000029	1	Air Regulator	
15	7661000041	1	Panel	
16	1001197482	4	Washer 5/16	
17	1001184765	1	Terminal, Bulkhead	
18	1001197506	4	Seal	
20	7443000173	5	Fitting, 90	
21	7443000448	4	Fitting, Union	
22	7443000148	3	Bushing	
23	7444030037	3	Plug	
24	7565000016	225 ft	Airline Tubing	
25	1001157941	1	Air Valve 4 Section (See Separate Breakdown in HYDRAULIC Section)	
26	4706006033	1	Plate	
27	7114150850	8	Bolt 5/16 x 1	
28	7950150143	24	Washer 5/16	
29	7660152604	12	Nut 5/16	
30	7443000329	12	Fitting, Straight	
31	7660150001	4	Nut 5/16	
32	7115151450	4	Bolt 5/16 x 1-3/4	
33	1001158940	1	Shield, Air Valve	
34	1001227641	1	Air Valve	
35	7114100818	4	Screw #10	
36	7950100143	8	Washer 3/16	
37	1001207736	4	Washer #10	
38	7660102601	4	Nut #10	
39	7445040421	8	Fitting, Straight	
40	1001145816	2	Grommet	
41	7935000248	1	Valve Air Regulator	
42	5526000553	2	Tie Plastic Strap (Not Shown)	

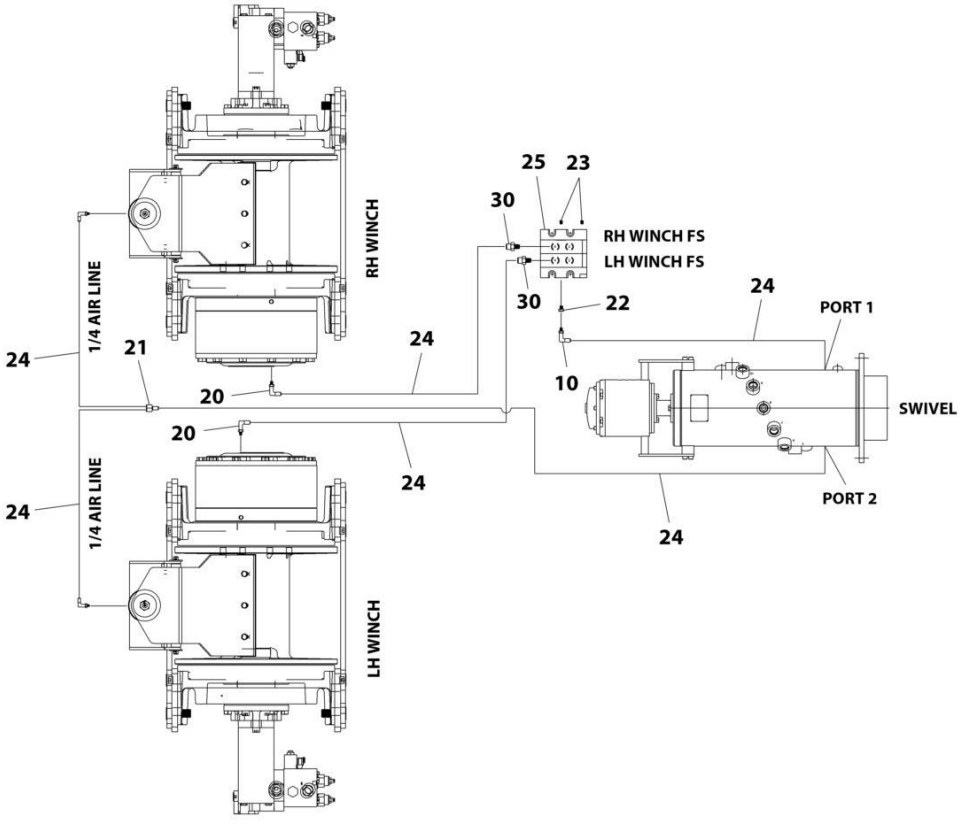
FIGURE 5-24. AIR INSTALLATION - WITH UNDERLIFT WINCH - 20,000/50,000 LBS



ART_1001227861_1OF2



BODY MOUNTED AIR VALVE (ONLY)

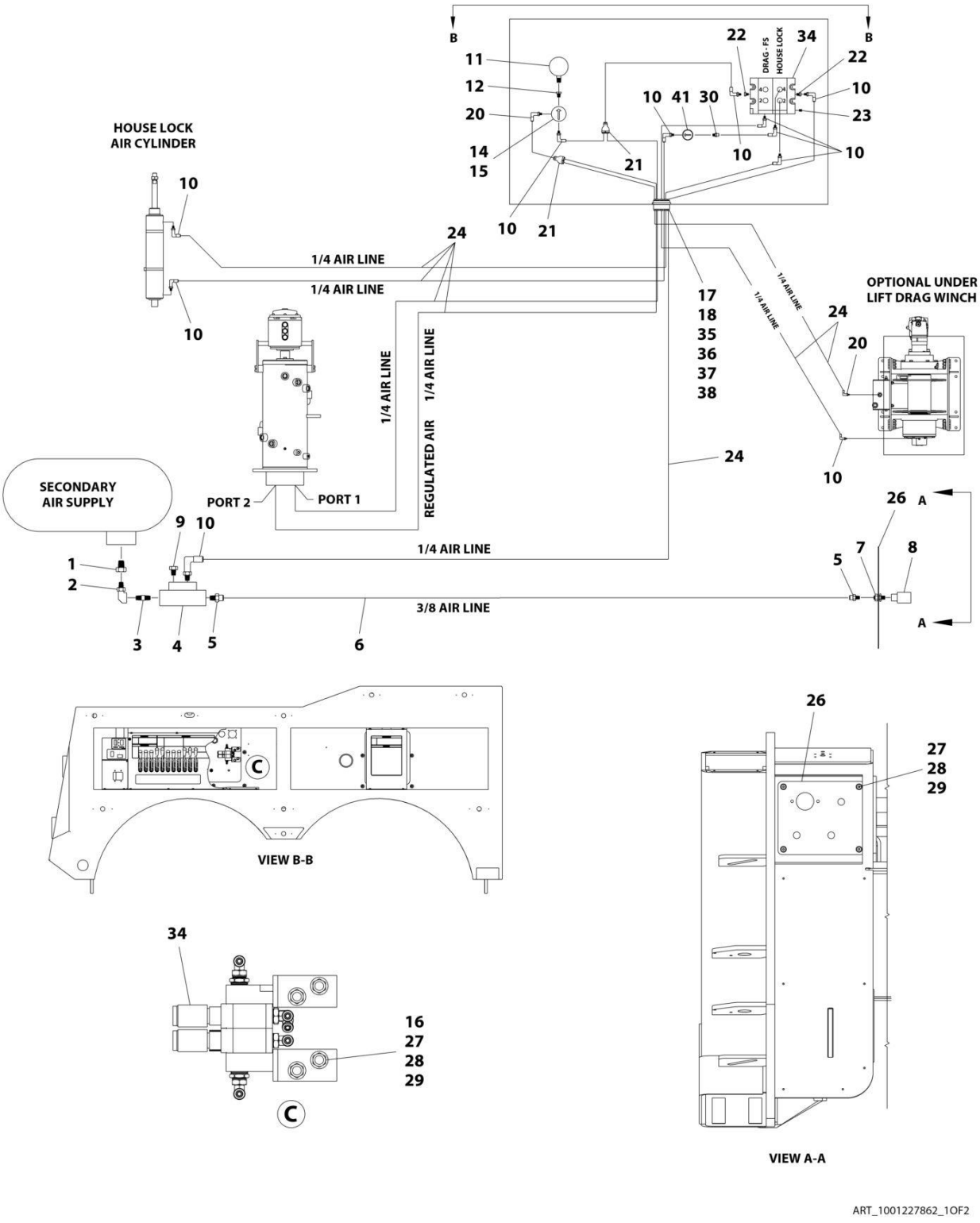


ART_1001227861_2OF2

FIGURE 5-24. AIR INSTALLATION - WITH UNDERLIFT WINCH - 20,000/50,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227861	Ref	AIR INSTALLATION - WITH UNDERLIFT WINCH - 20,000/50,000 LBS	D
1	7443000154	1	Bushing	
2	7443000155	1	Fitting, 90	
3	7443000156	1	Nipple	
4	7935000120	1	Valve, Pressure Protection Valve	
5	7443000175	2	Fitting, Straight	
6	7565000014	30 ft	Airline Tubing	
7	7446502518	1	Fitting, Bulkhead	
8	7312000017	1	Coupling, Quick Disconnect	
9	7444020013	1	Plug	
10	7443000139	12	Fitting, 90	
11	7470000006	1	Gauge, Air Pressure	
12	7443000149	1	Bushing	
13	7443000397	1	Fitting, Straight	
14	7295000029	1	Air Regulator	
15	7661000041	1	Panel	
16	1001197482	4	Washer 5/16	
17	1001184765	1	Terminal, Bulkhead	
18	1001197506	4	Seal	
20	7443000173	4	Fitting, 90	
21	7443000448	3	Fitting, Union	
22	7443000148	3	Bushing	
23	7444030037	3	Plug	
24	7565000016	200 ft	Airline Tubing	
25	1001129800	1	Air Valve 2 Section (See Separate Breakdown in HYDRAULIC Section)	
26	4706006033	1	Plate	
27	7114150850	8	Bolt 5/16 x 1	
28	7950150143	24	Washer 5/16	
29	7660152604	12	Nut 5/16	
30	7443000329	3	Fitting, Straight	
31	7660150001	4	Nut 5/16	
32	7115151450	4	Bolt 5/16 x 1-3/4	
33	1001135301	1	Shield, Air Valve	
34	1001227641	1	Air Valve	
35	7114100818	4	Screw #10	
36	7950100143	8	Washer 3/16	
37	1001207736	4	Washer #10	
38	7660102601	4	Nut #10	
39	7935000248	1	Valve Air Regulator	
40	5526000553	2	Tie Plastic Strap (Not Shown)	

FIGURE 5-25. AIR INSTALLATION - WITH AUXILIARY WINCHES AND WITHOUT UNDERLIFT WINCH - 20,000/50,000 LBS



ART_1001227862_1OF2

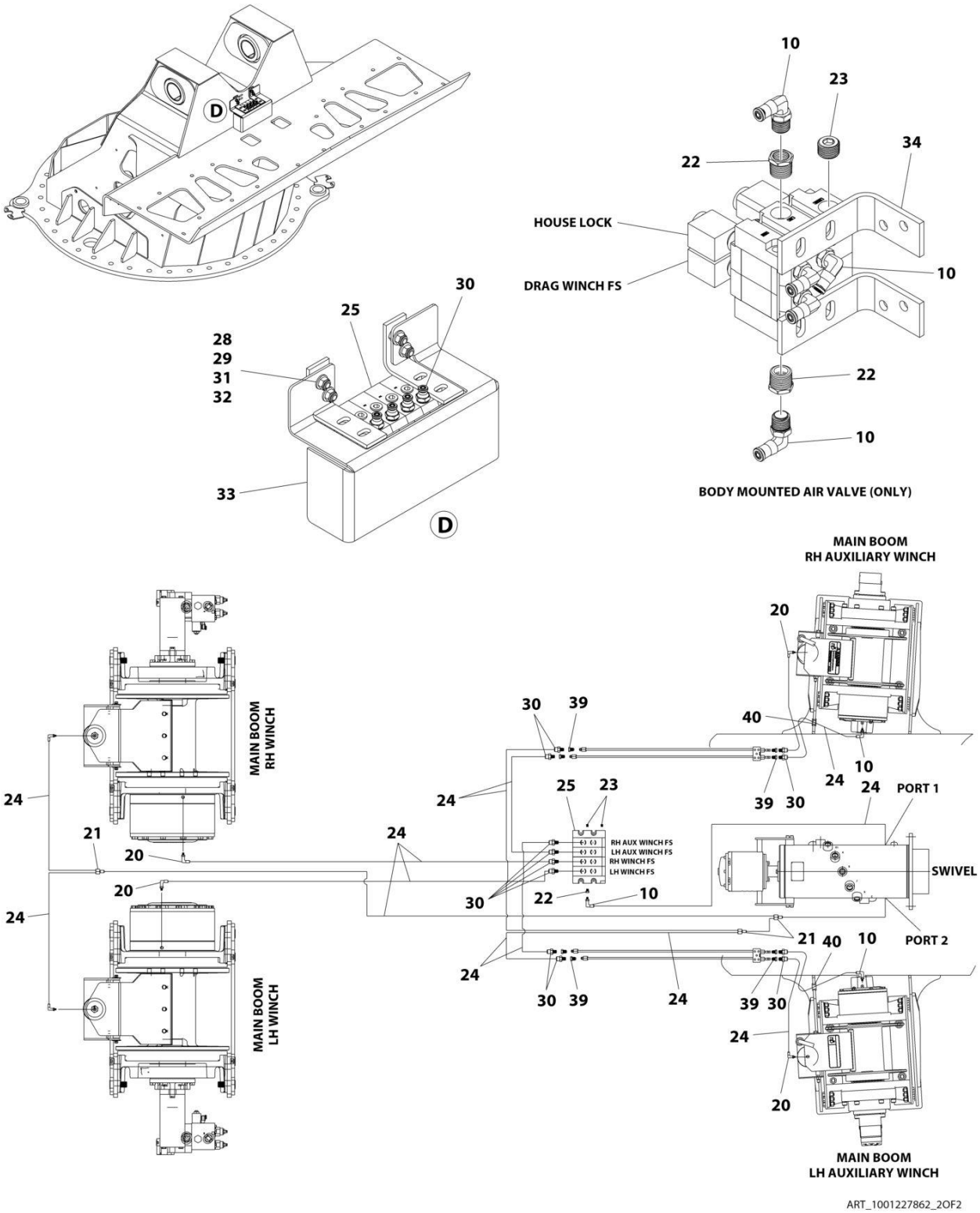

D
10
23
34
22
HOUSE LOCK
DRAG WINCH FS
10
22
10
30
25
28
29
31
32
33
D
BODY MOUNTED AIR VALVE (ONLY)
MAIN BOOM
RH AUXILIARY WINCH
MAIN BOOM
RH WINCH
MAIN BOOM
LH WINCH
RH AUX WINCH FS
LH AUX WINCH FS
RH WINCH FS
LH WINCH FS
PORT 1
PORT 2
SWIVEL
MAIN BOOM
LH AUXILIARY WINCH
ART_1001227862_2OF2

FIGURE 5-25. AIR INSTALLATION - WITH AUXILIARY WINCHES AND WITHOUT UNDERLIFT WINCH - 20,000/50,000 LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227862	Ref	AIR INSTALLATION - WITH AUXILIARY WINCHES AND WITHOUT UNDERLIFT WINCH - 20,000/50,000 LBS	D
1	7443000154	1	Bushing	
2	7443000155	1	Fitting, 90	
3	7443000156	1	Nipple	
4	7935000120	1	Valve, Pressure Protection Valve	
5	7443000175	2	Fitting, Straight	
6	7565000014	30 ft	Airline Tubing	
7	7446502518	1	Fitting, Bulkhead	
8	7312000017	1	Coupling, Quick Disconnect	
9	7444020013	1	Plug	
10	7443000139	14	Fitting, 90	
11	7470000006	1	Gauge, Air Pressure	
12	7443000149	1	Bushing	
14	7295000029	1	Air Regulator	
15	7661000041	1	Panel	
16	1001197482	4	Washer 5/16	
17	1001184765	1	Terminal, Bulkhead	
18	1001197506	2	Seal	
20	7443000173	6	Fitting, 90	
21	7443000448	5	Fitting, Union	
22	7443000148	3	Bushing	
23	7444030037	3	Plug	
24	7565000016	225 ft	Airline Tubing	
25	1001157941	1	Air Valve 4 Section (See Separate Breakdown in HYDRAULIC Section)	
26	4706006033	1	Plate	
27	7114150850	8	Bolt 5/16 x 1	
28	7950150143	24	Washer 5/16	
29	7660152604	12	Nut 5/16	
30	7443000329	12	Fitting, Straight	
31	7660150001	4	Nut 5/16	
32	7115151450	4	Bolt 5/16 x 1-3/4	
33	1001158940	1	Shield, Air Valve	
34	1001227641	1	Air Valve	
35	7114100818	4	Screw #10	
36	7950100143	8	Washer 3/16	
37	1001207736	4	Washer #10	
38	7660102601	4	Nut #10	
39	7445040421	8	Fitting, Straight	
40	1001145816	2	Grommet	
41	7935000248	1	Valve Air Regulator	
42	5526000553	2	Tie Plastic Strap (Not Shown)	

FIGURE 5-26. AIR VALVE 2 SECTION ASSEMBLY

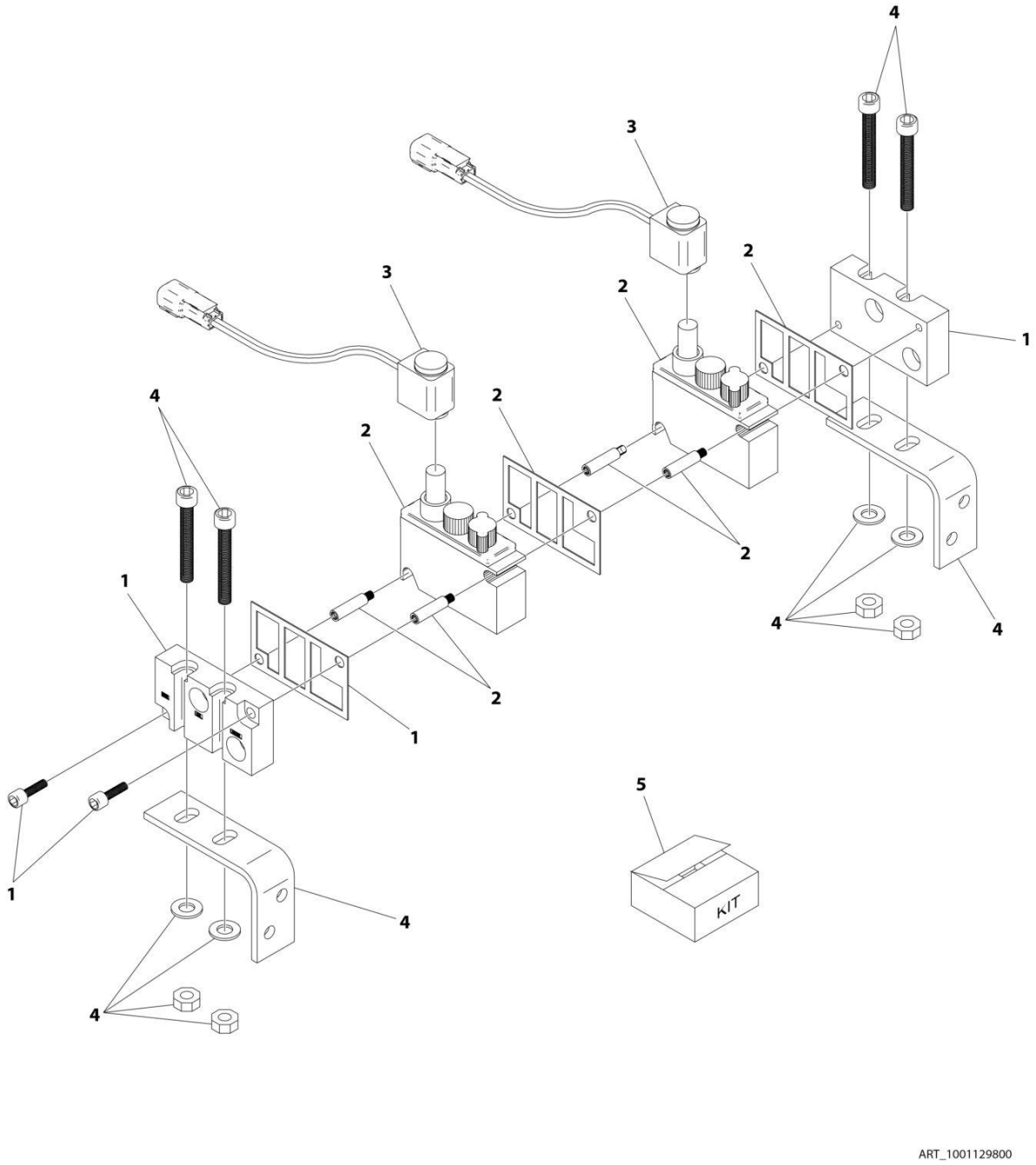


FIGURE 5-26. AIR VALVE 2 SECTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129800	Ref	Air Valve 2 Section Assembly	B
1	70050526	1	Kit, Stacking (Includes Inlet, Outlet, Gaskets & Assembly Hardware)	
2	70050527	2	Valve Assembly	
3	70050528	2	Coil	
4	70050529	1	Kit, Mounting Bracket	
5	70050530	2	Kit, Spool Seal	

FIGURE 5-27. AIR VALVE 4 SECTION ASSEMBLY

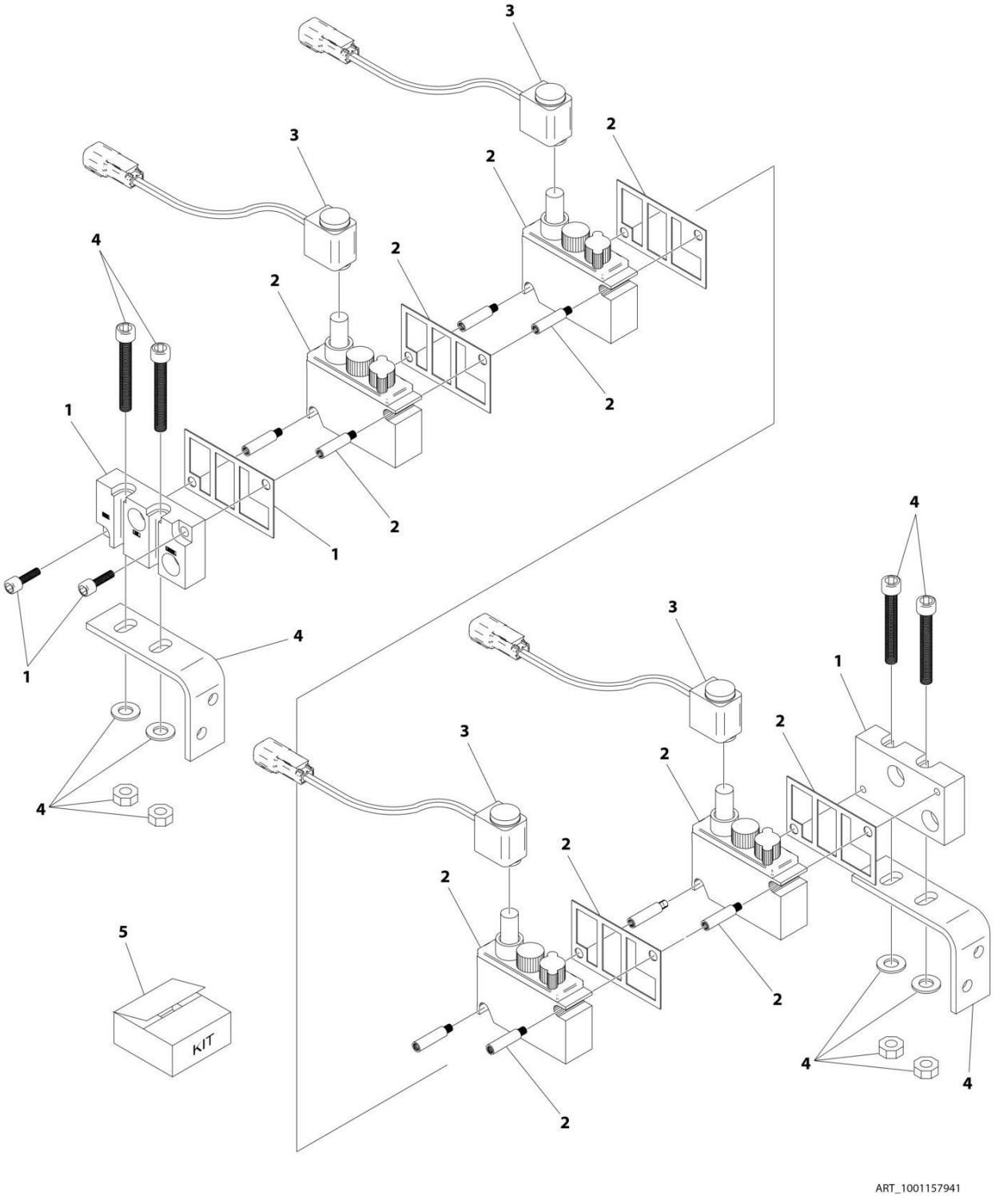
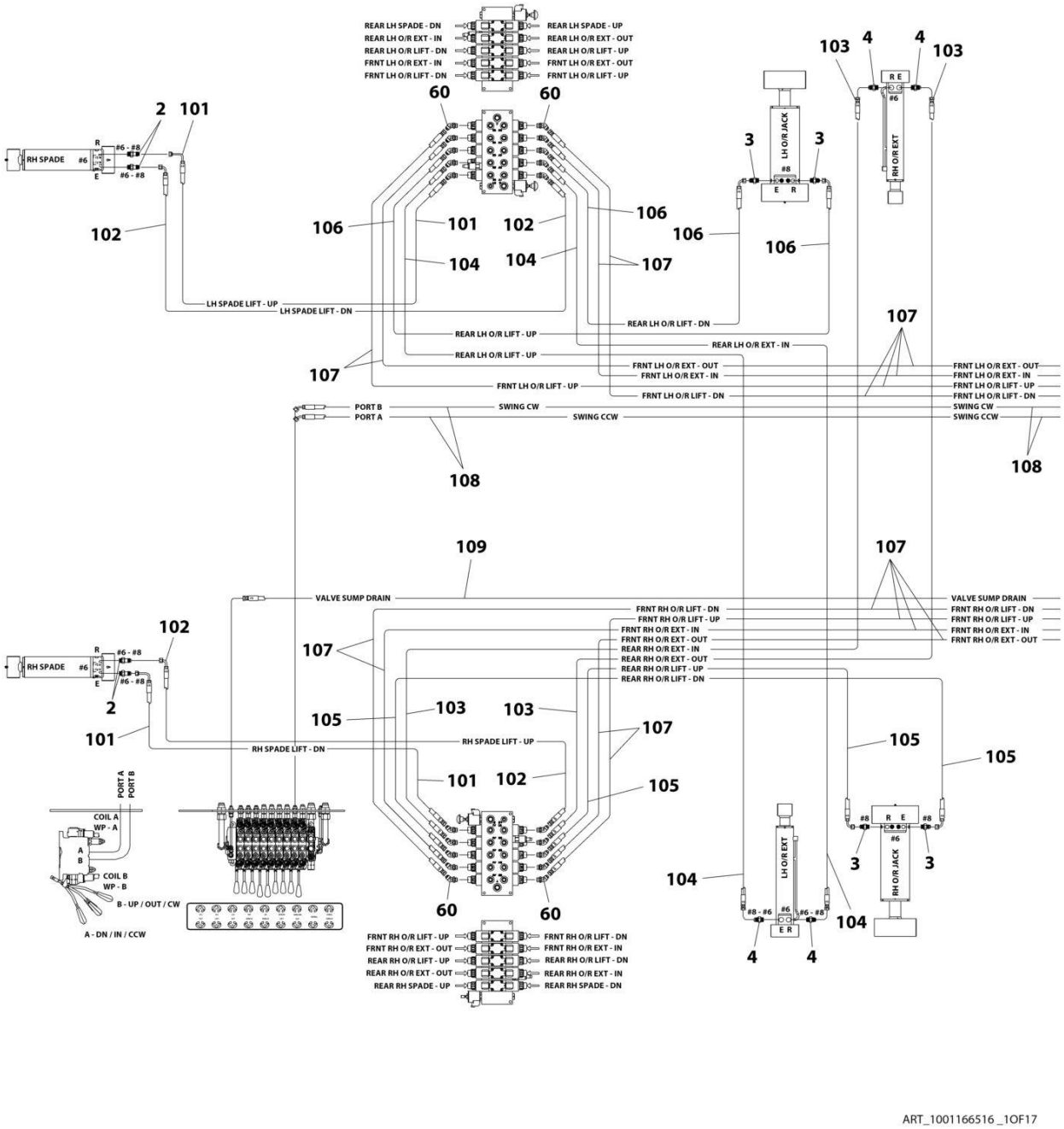


FIGURE 5-27. AIR VALVE 4 SECTION ASSEMBLY

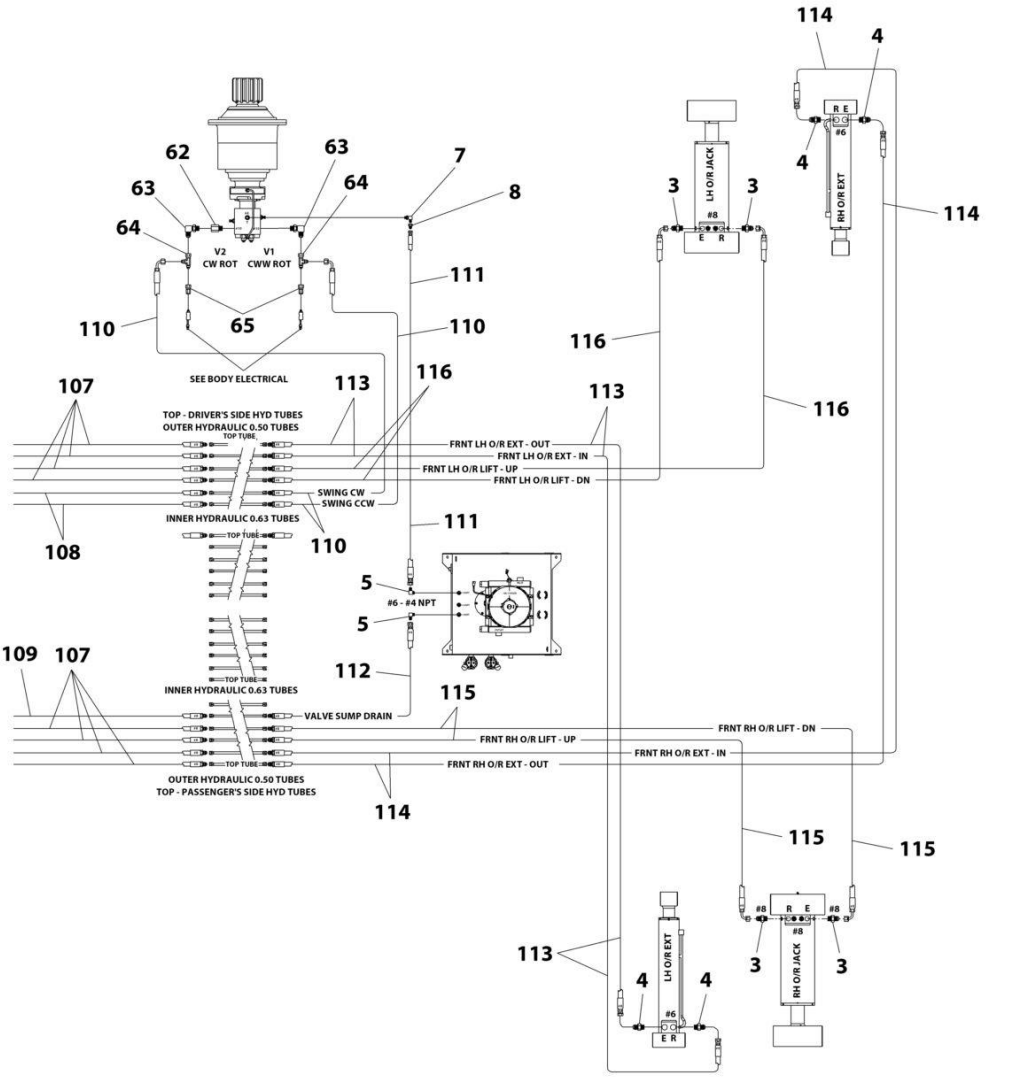
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157941	Ref	Air Valve 4 Section Assembly	A
1	70050526	1	Kit, Stacking	
2	70050527	4	Valve	
3	70050528	4	Coil	
4	70050529	1	Kit, Mounting Bracket	
5	70050530	4	Kit, Spool Seal	

SECTION 6 - HYDRAULIC

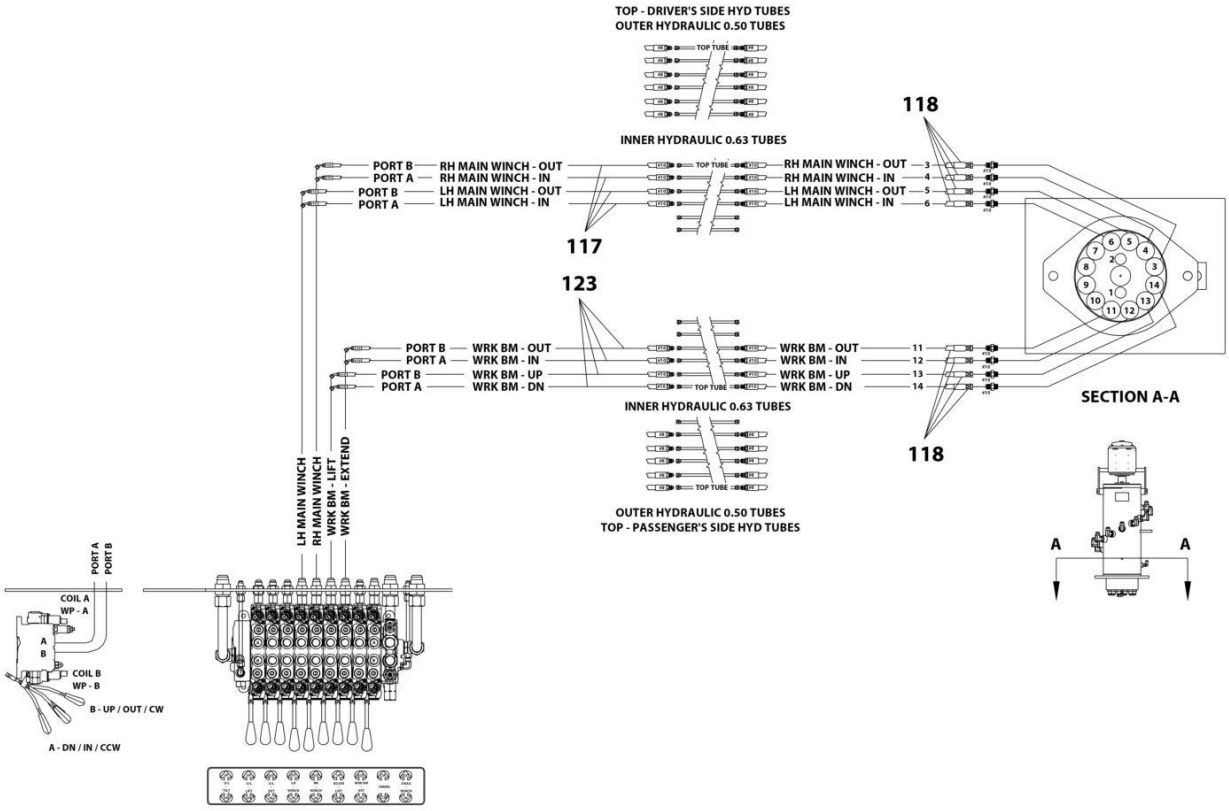
FIGURE 6-1. HYDRAULIC INSTALLATION



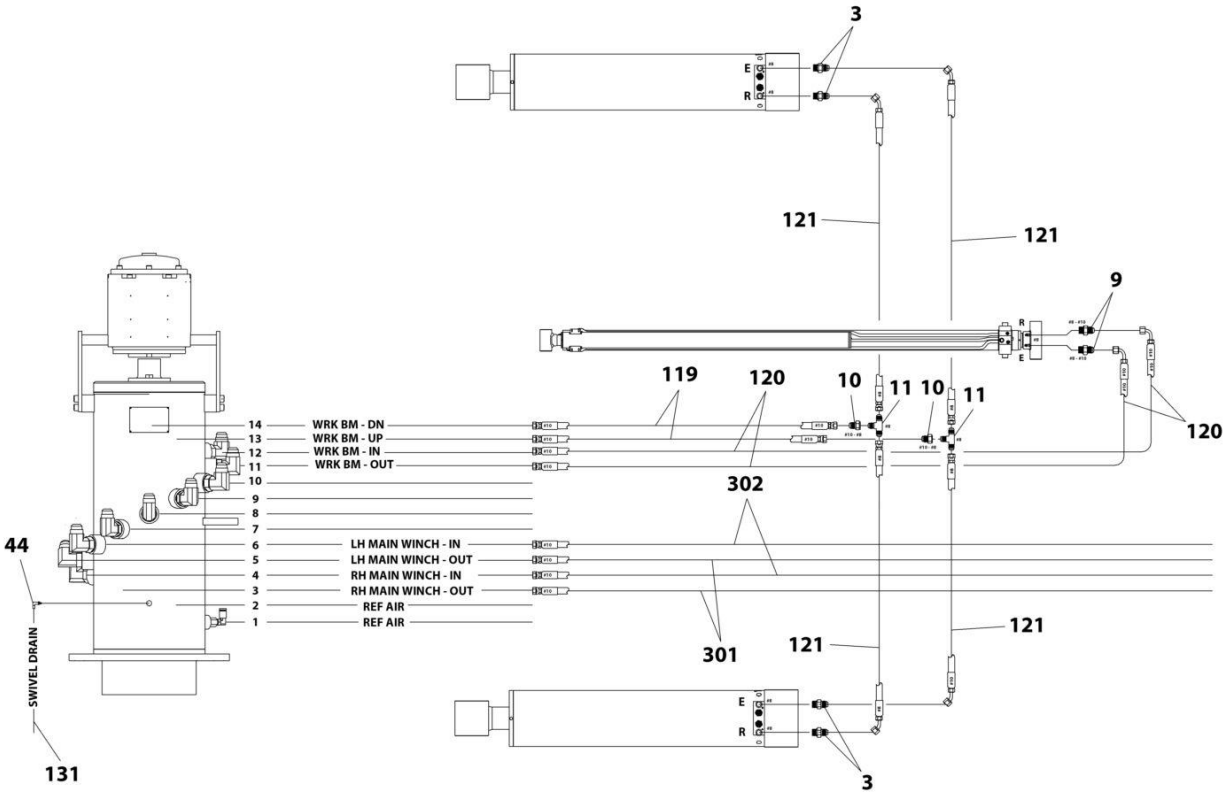
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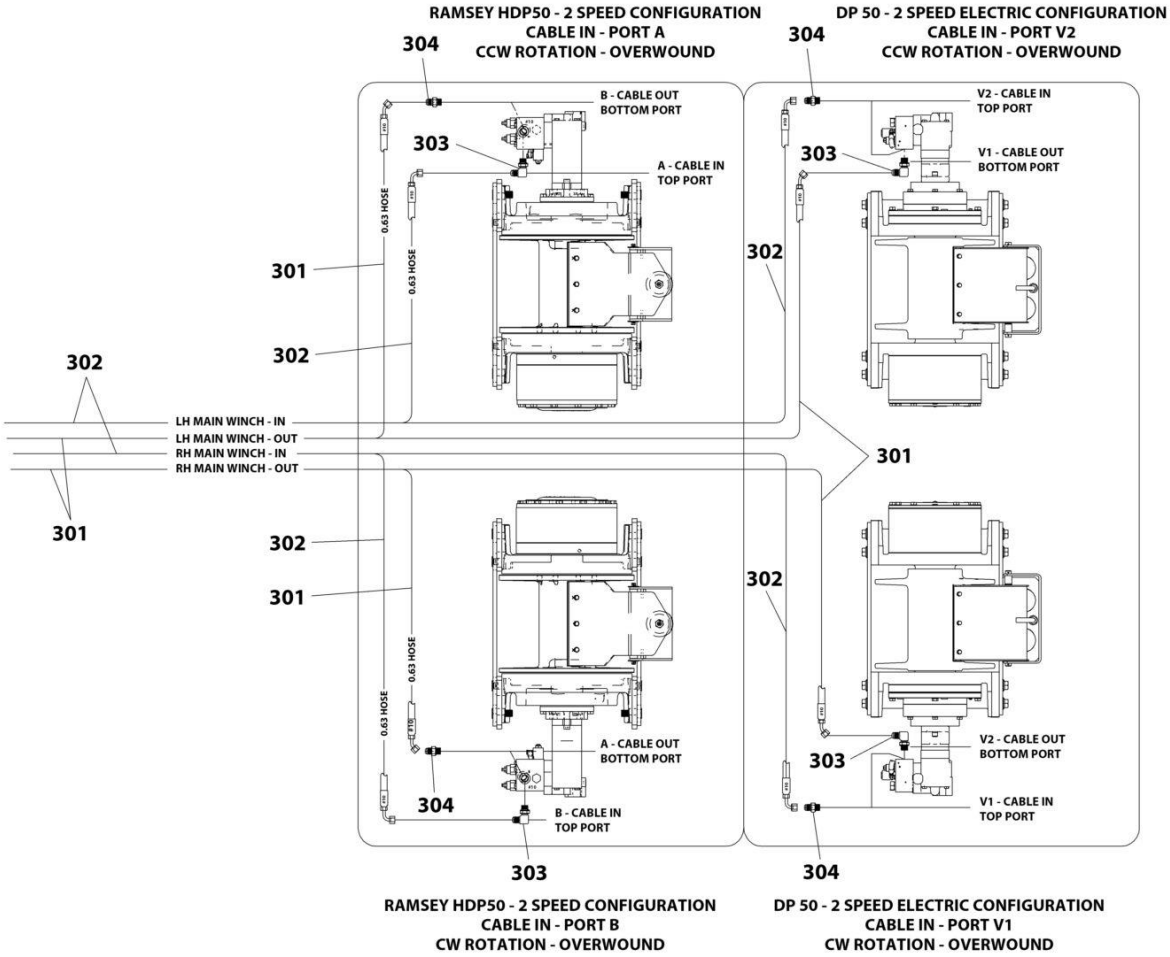
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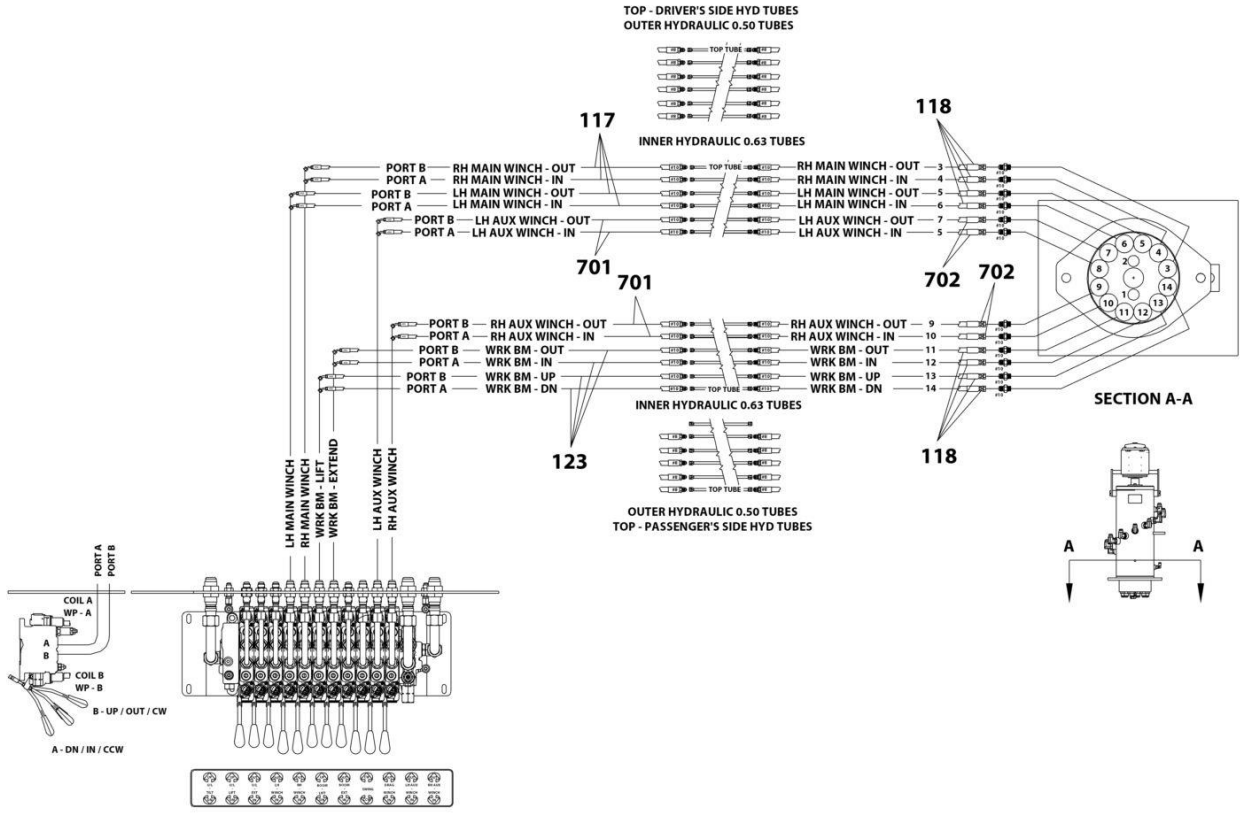
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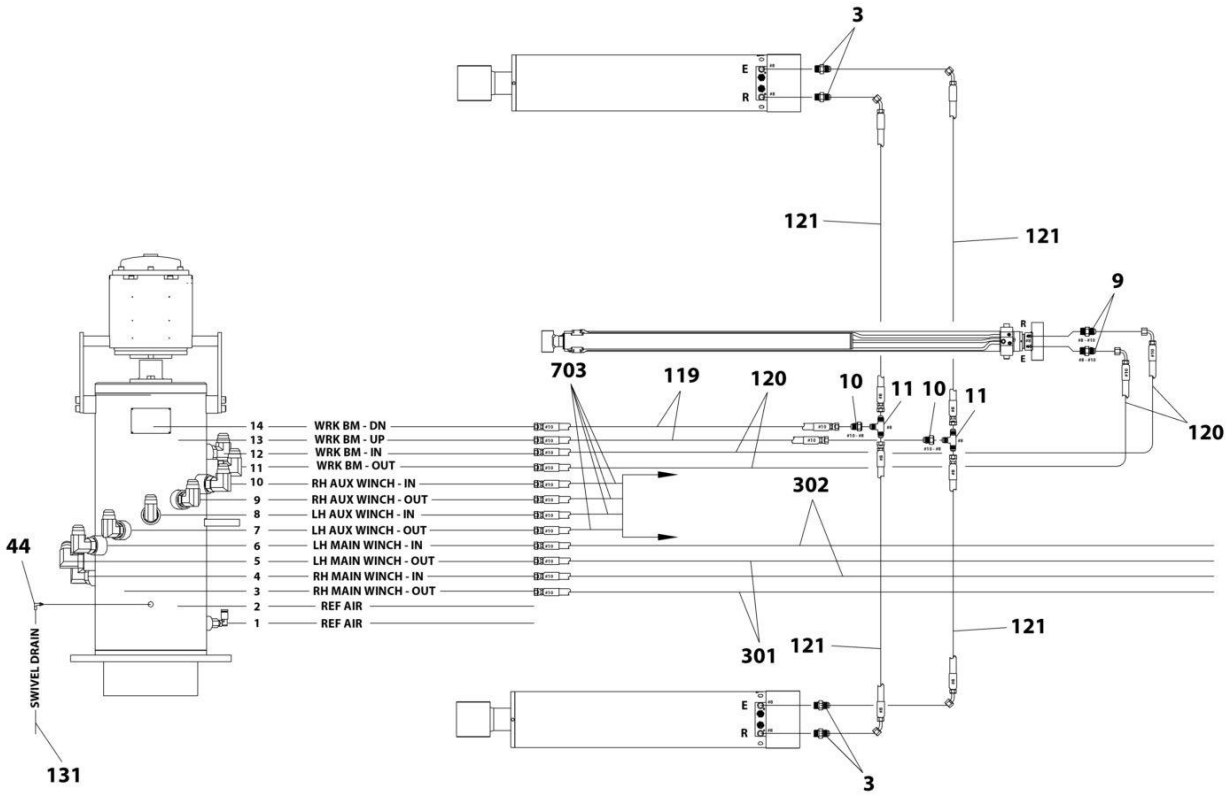
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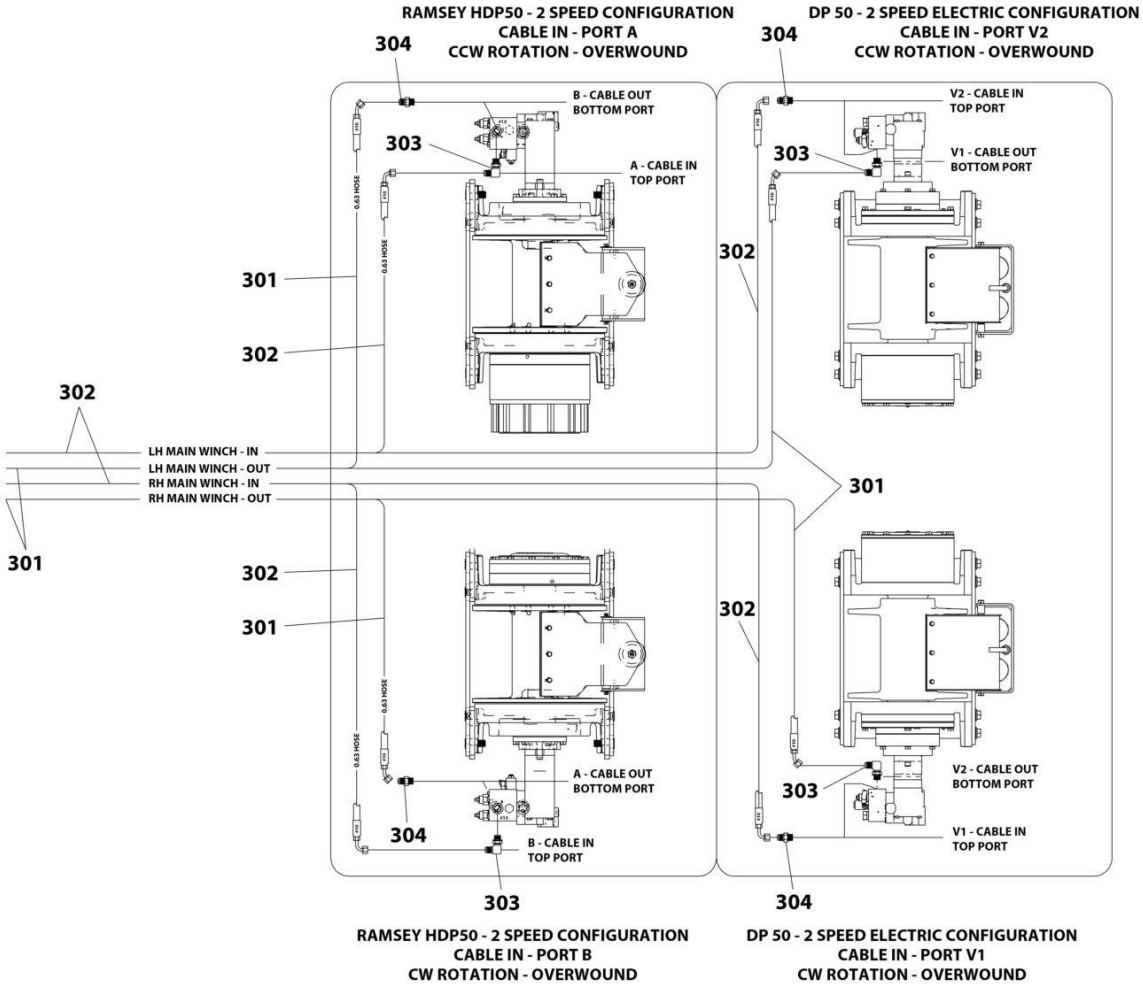


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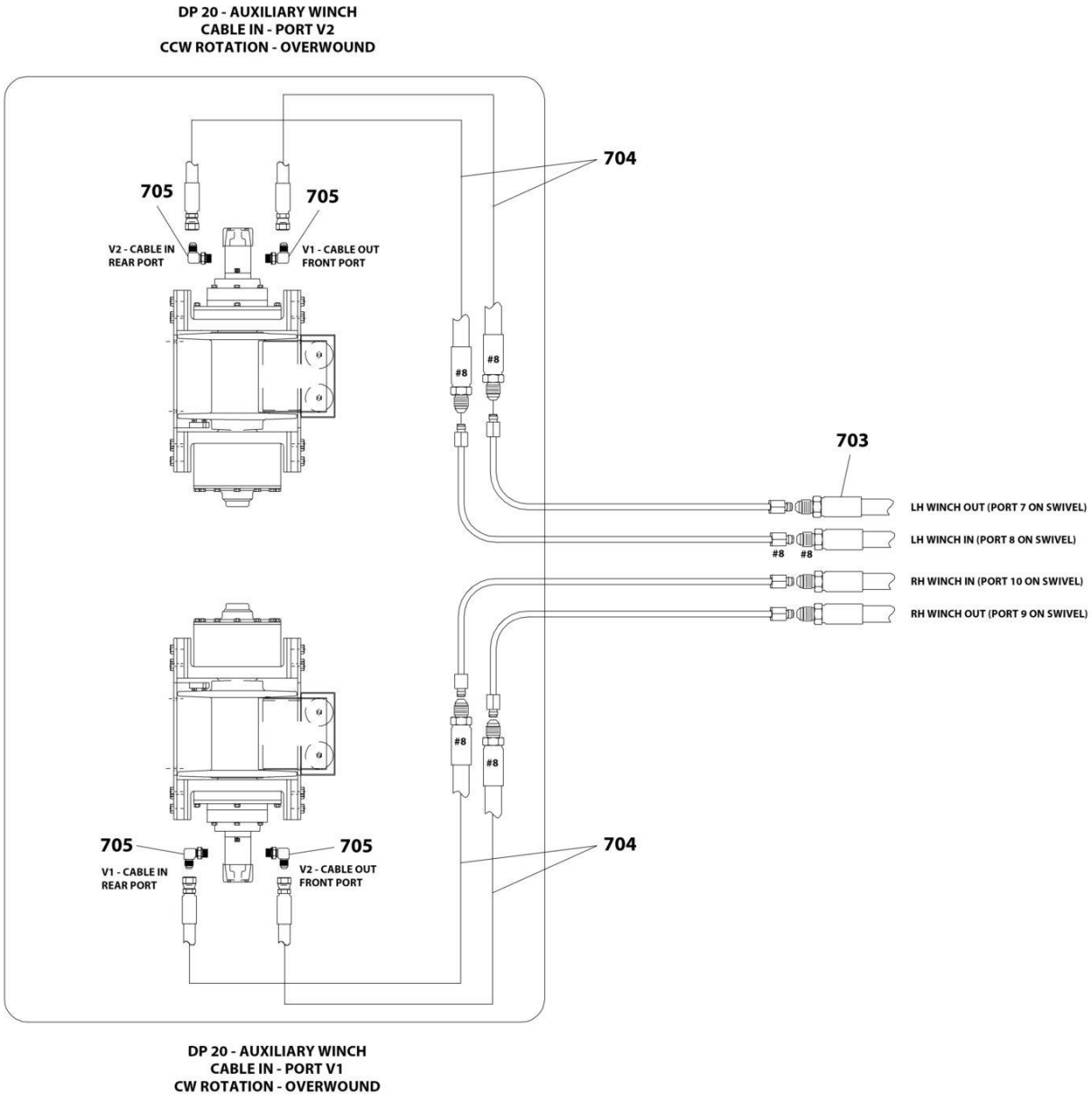


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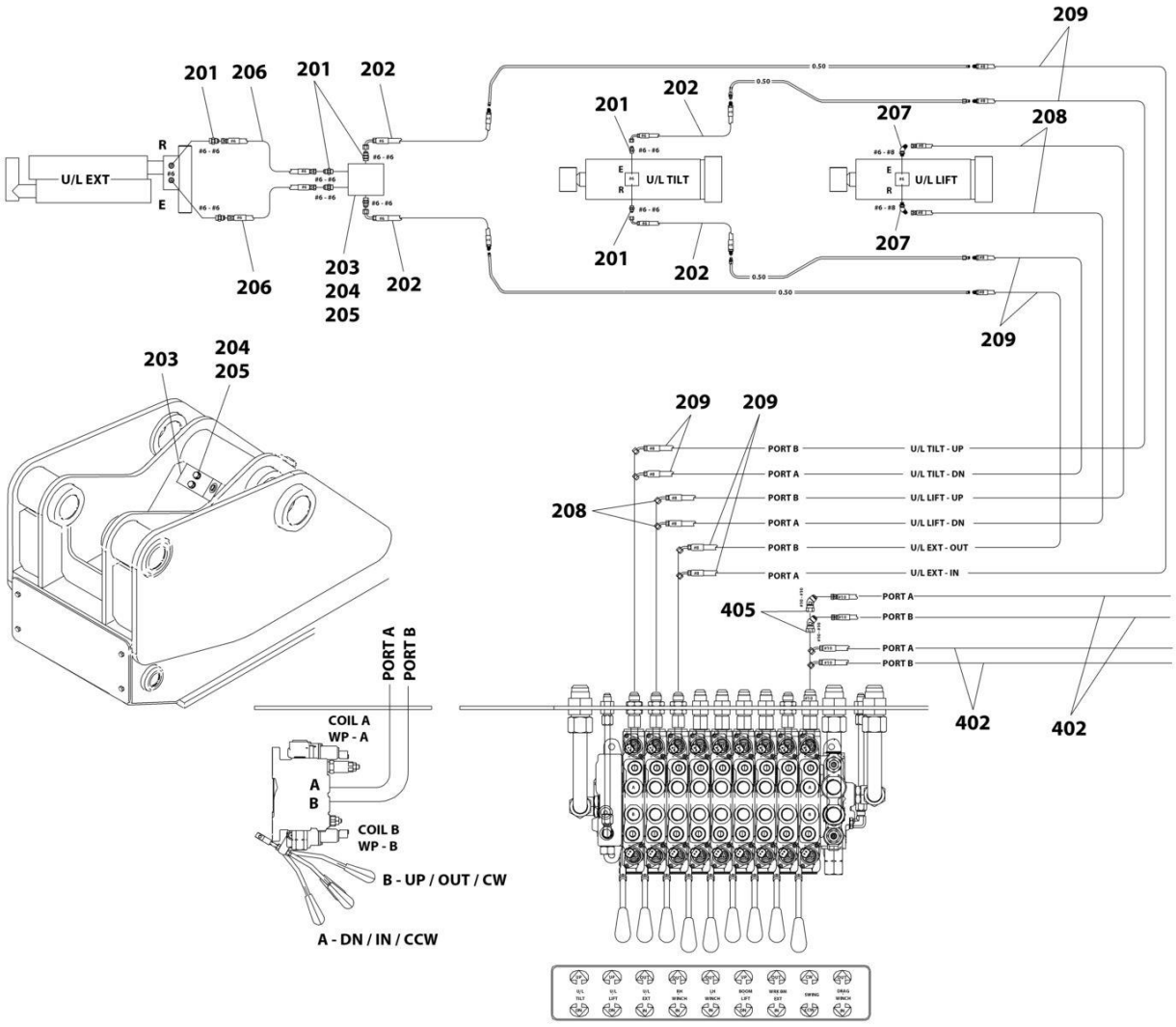

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14 WRK BM - DN
13 WRK BM - UP
12 WRK BM - IN
11 WRK BM - OUT
10 RH AUX WINCH - IN
9 RH AUX WINCH - OUT
8 LH AUX WINCH - IN
7 LH AUX WINCH - OUT
6 LH MAIN WINCH - IN
5 LH MAIN WINCH - OUT
4 RH MAIN WINCH - IN
3 RH MAIN WINCH - OUT
2 REF AIR
1 REF AIR
44
SWIVEL DRAIN
131
301
121
121
E
R
3
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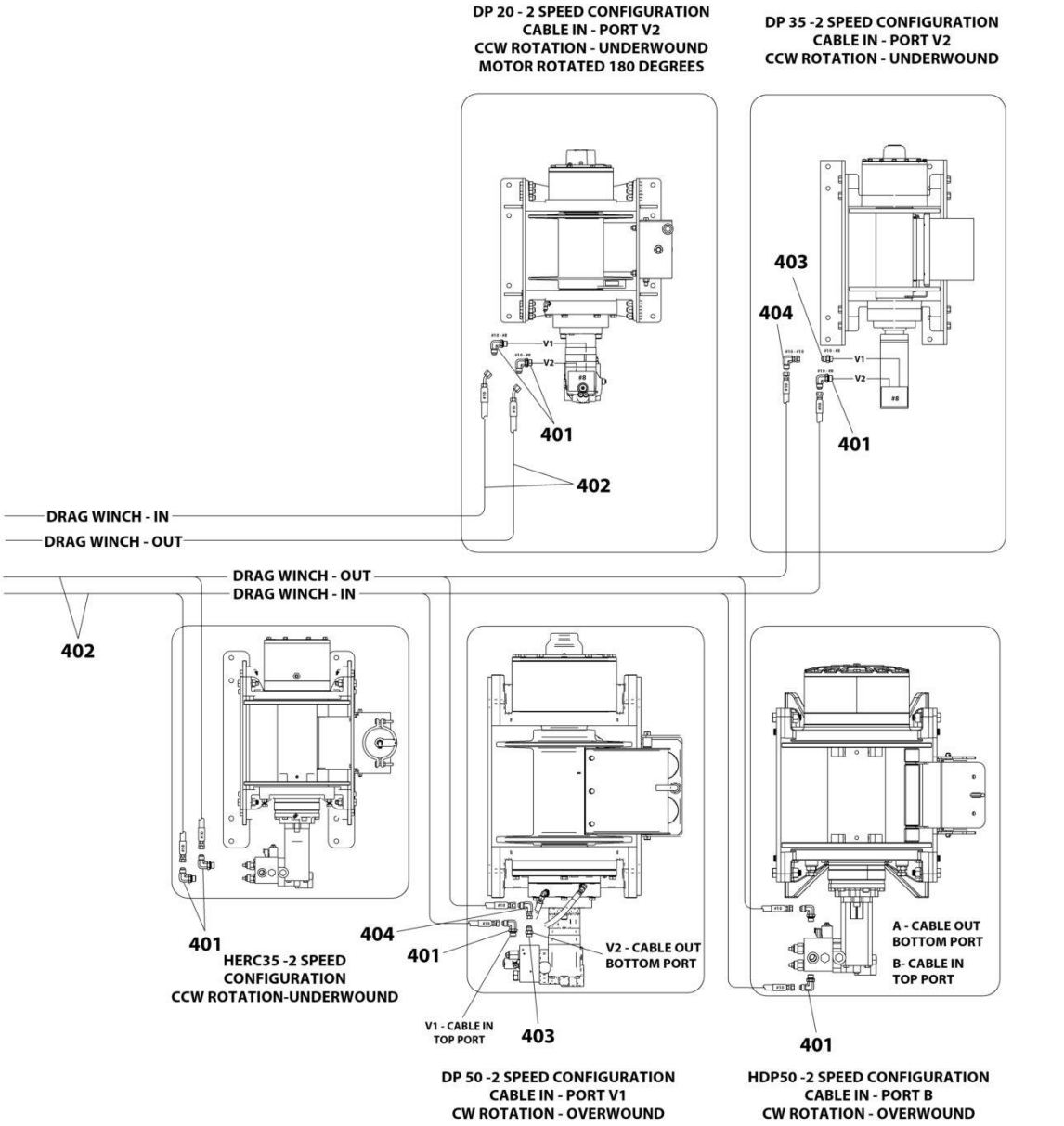
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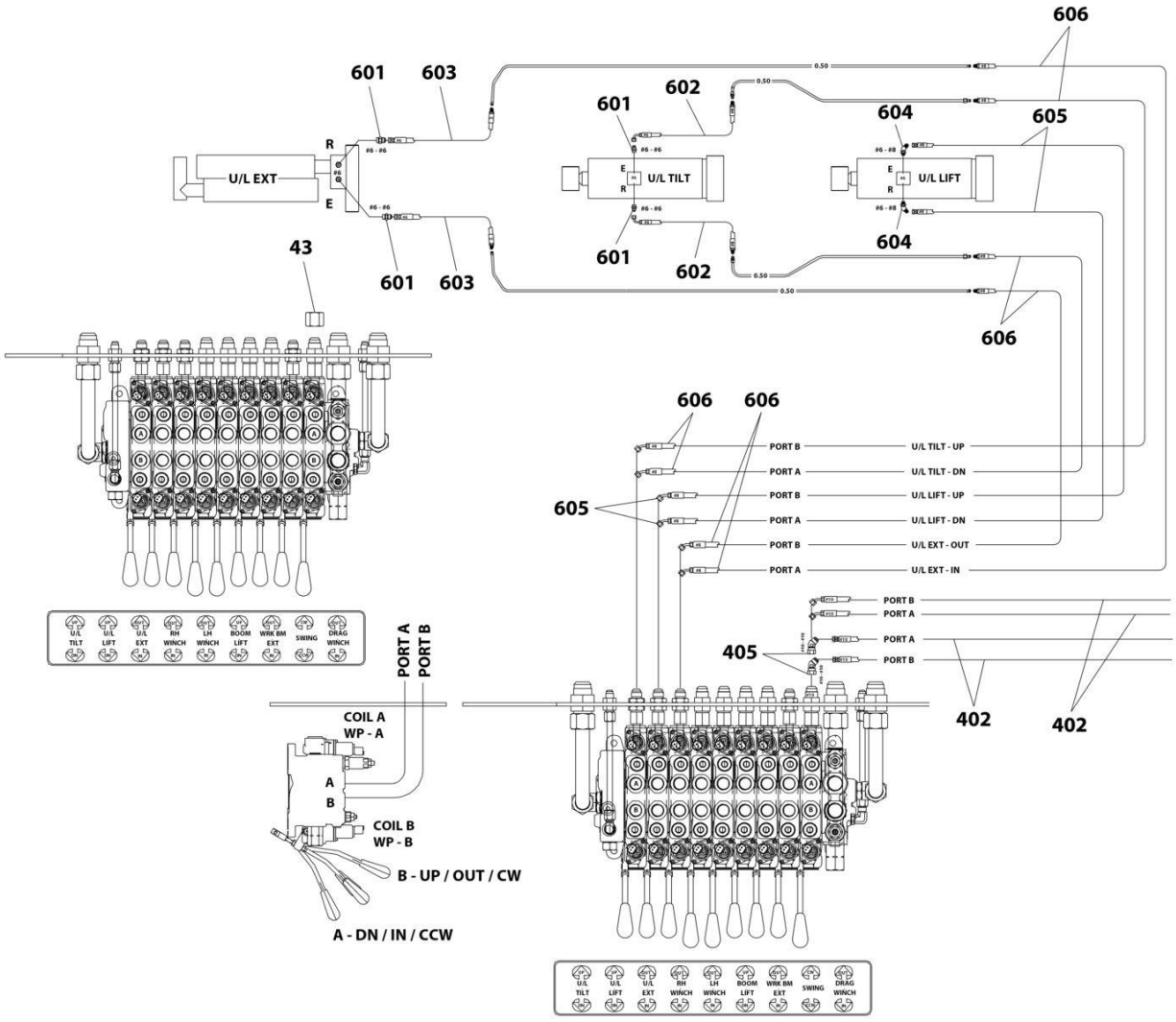
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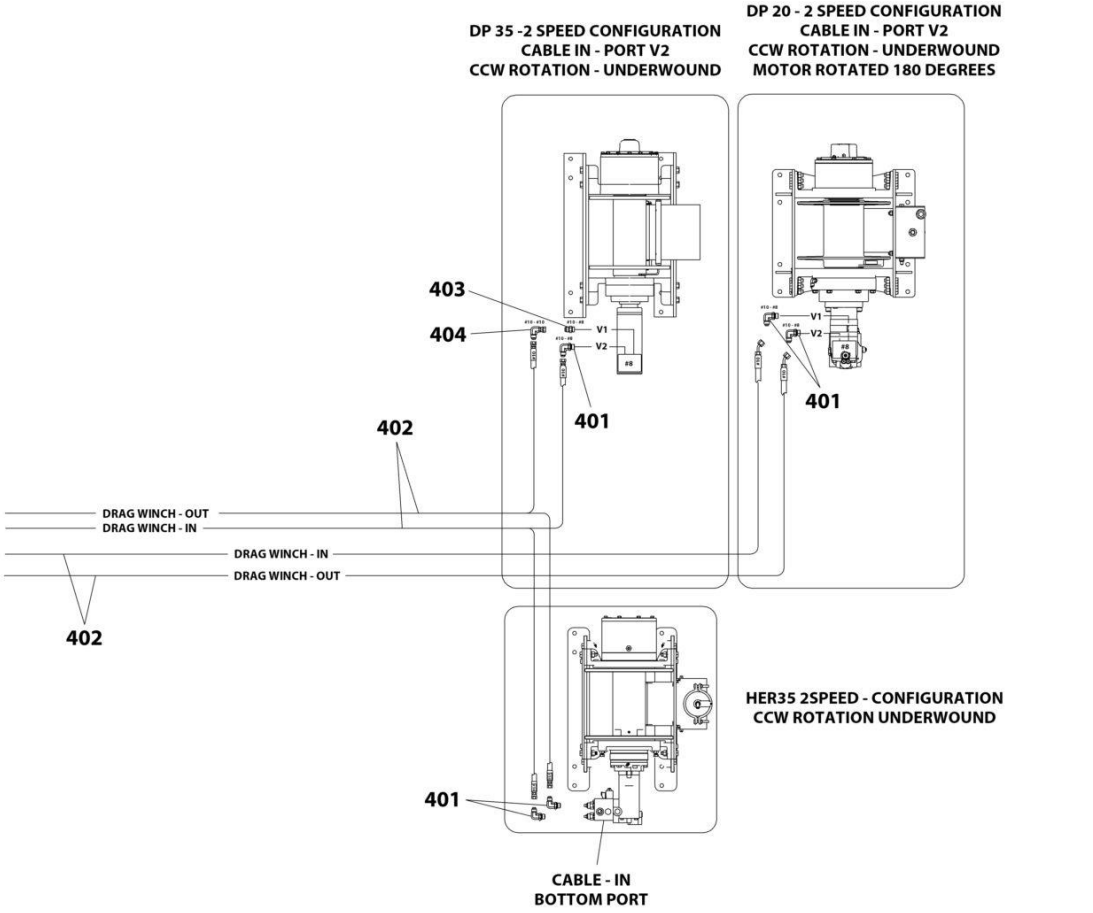
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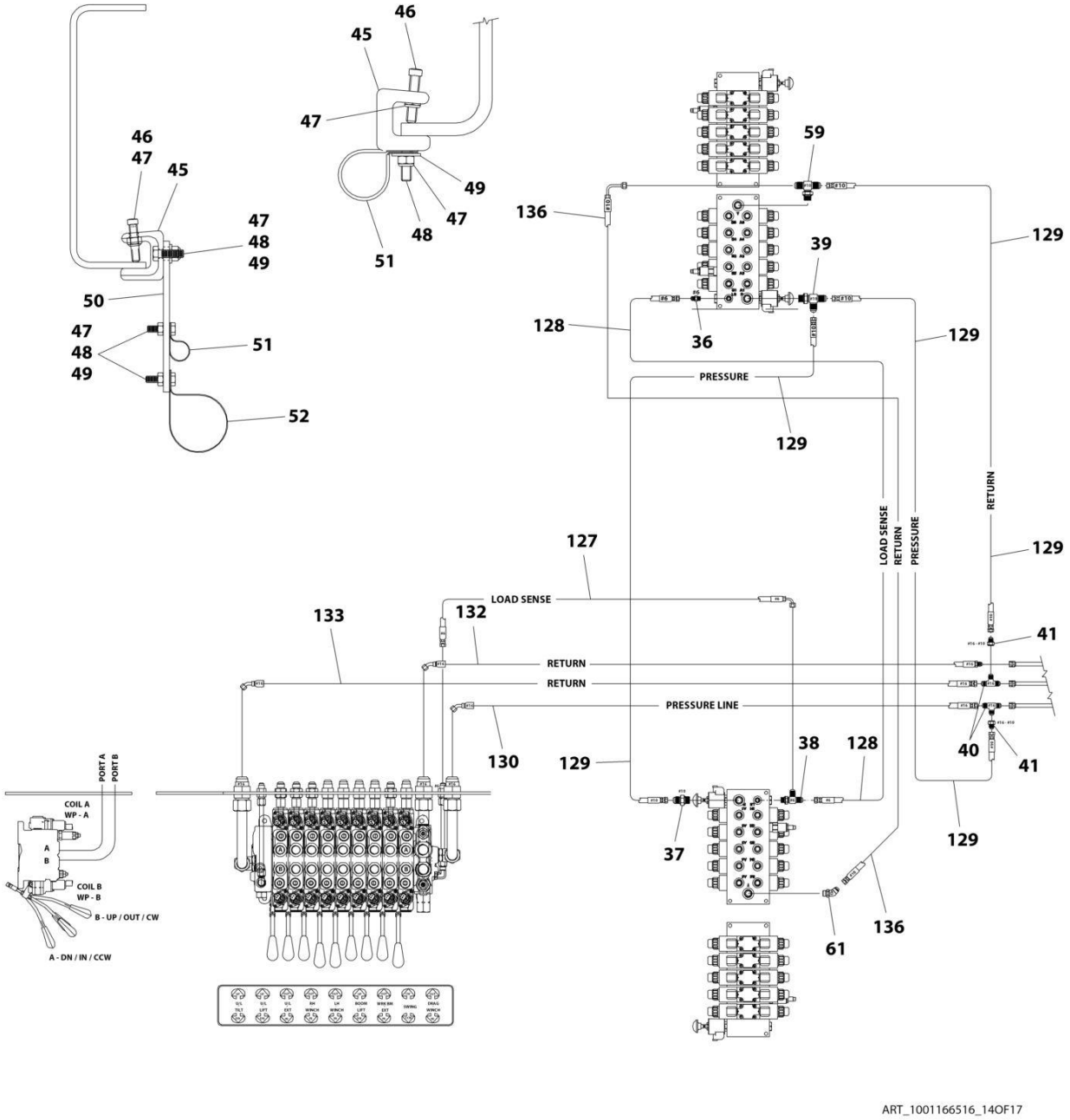
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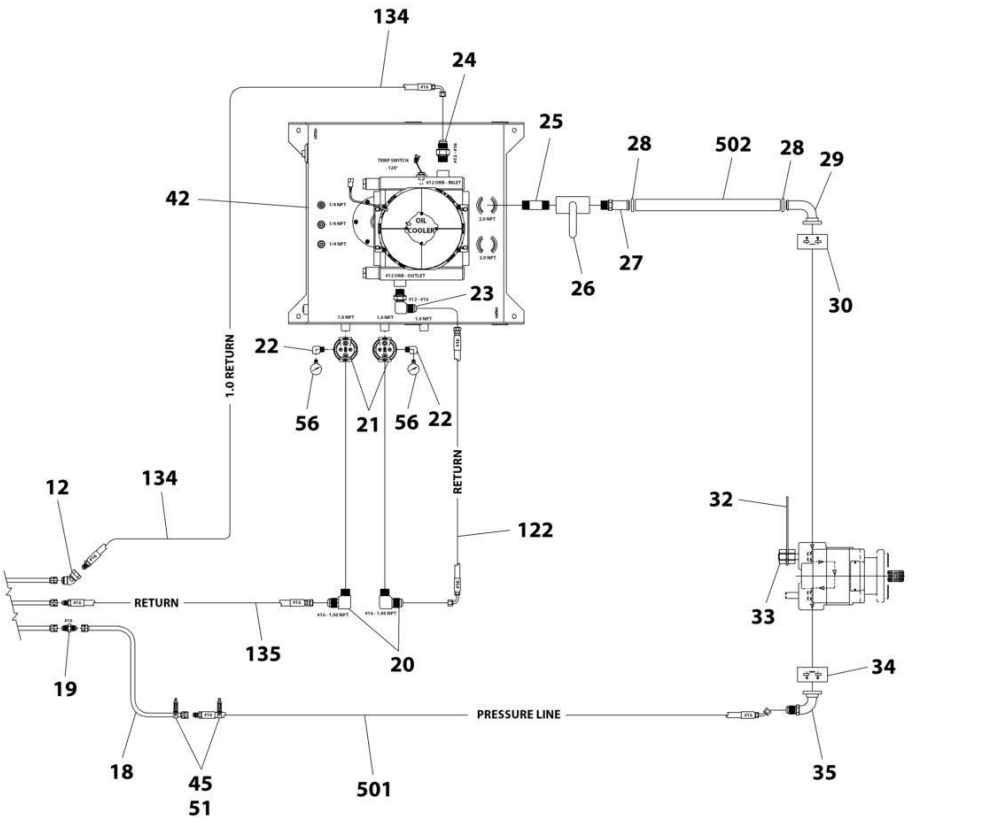


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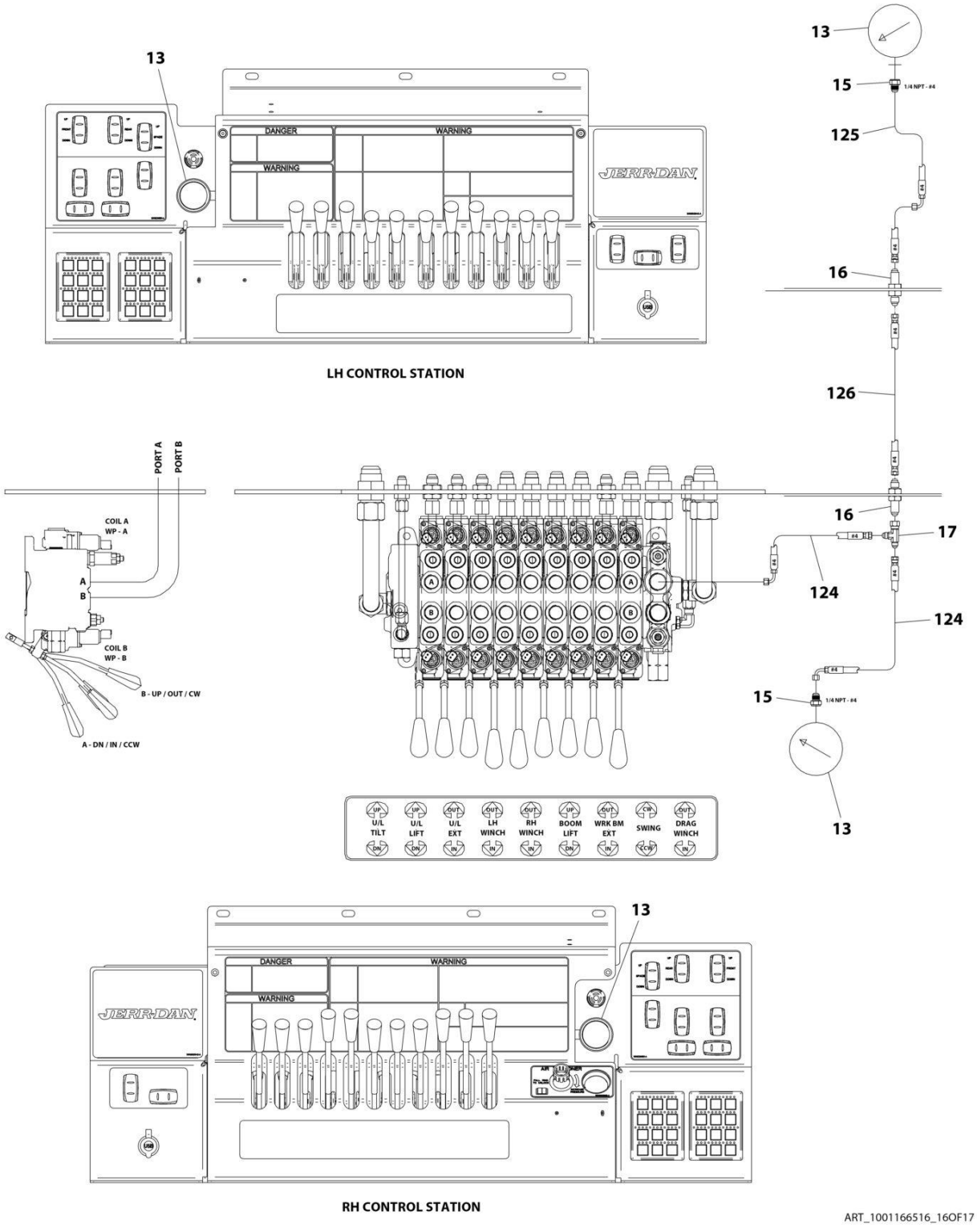


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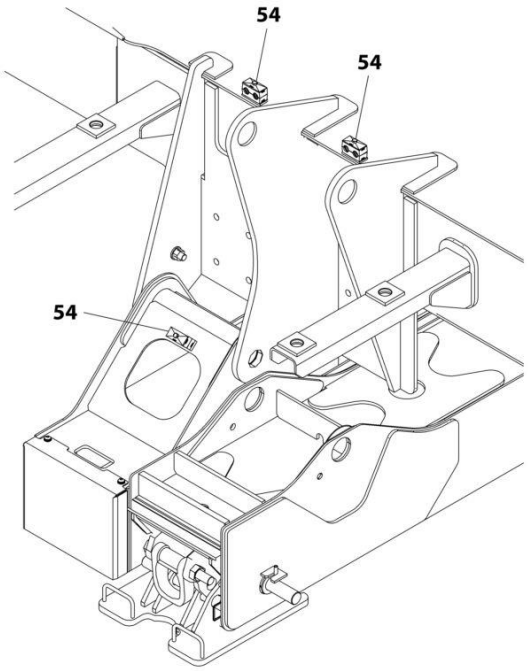

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136
129
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36
129
PRESSURE
129
RETURN
LOAD SENSE
RETURN
PRESSURE
127
129
LOAD SENSE
133
132
41
RETURN
RETURN
PRESSURE LINE
130
129
38
128
40
41
37
129
136
61
PORT A
PORT B
COIL A
WP - A
A
B
COIL B
WP - B
B - UP / OUT / CW
A - DN / IN / CCW
ART_1001166516_14OF17

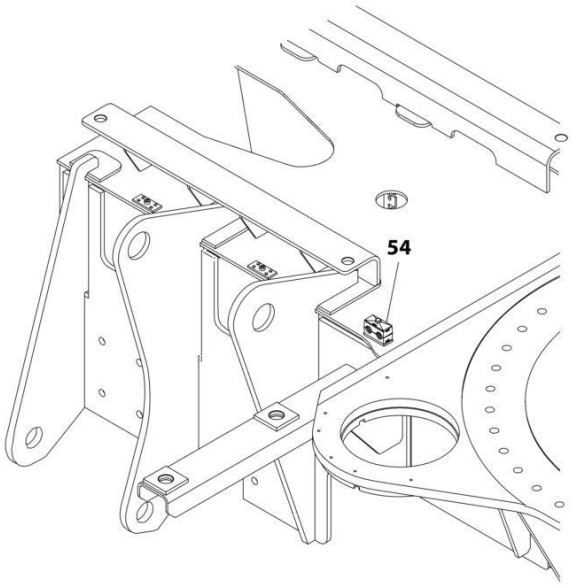


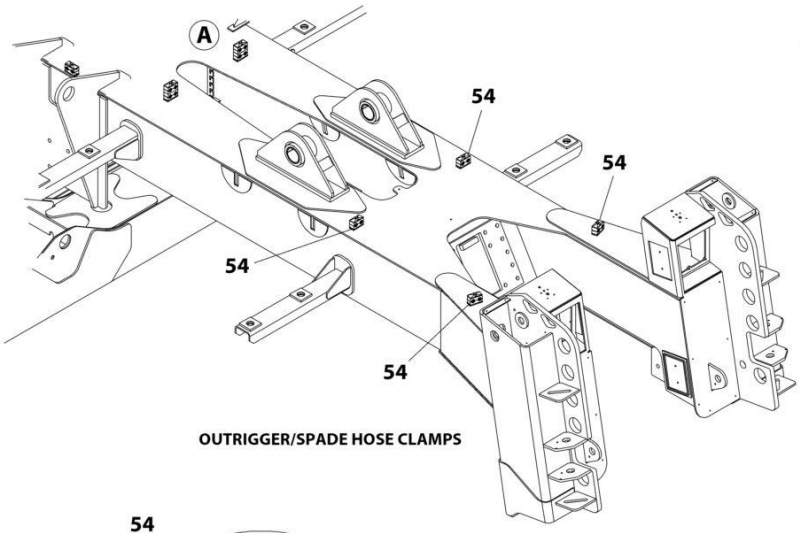
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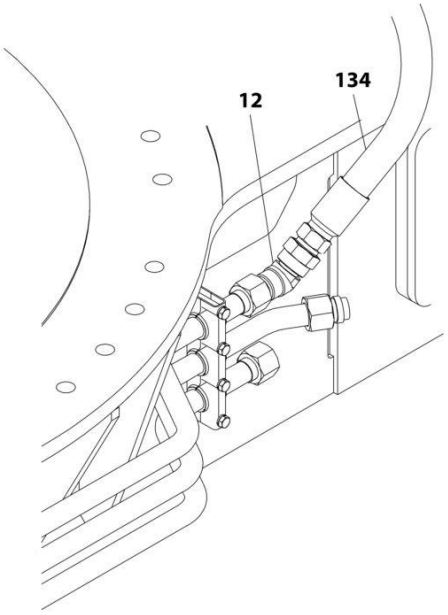
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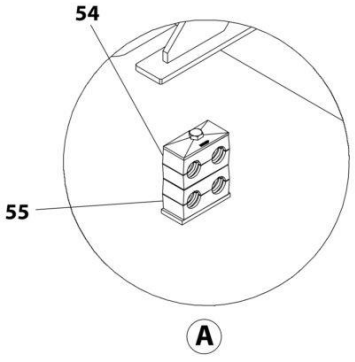




OUTRIGGER/SPADE HOSE CLAMPS



HYDRAULIC RETURN LINES



ART_1001166516_17OF17

FIGURE 6-1. HYDRAULIC INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166516	Ref	HYDRAULIC INSTALLATION	H
	1001269938	Ref	JFB 50T Rotator with S100 - Hydraulic Installation (includes item 1 thru 65)	A
	1001269939	Ref	JFB 50T Rotator with S130 - Hydraulic Installation (includes item 1 thru 65)	A
	1001224572	Ref	Hose, Kit (includes items 101 thru 136)	A
	1001213979	Ref	UL530 Hydraulic Installation (includes item 201 thru 209)	A
	1001146793	Ref	DP50 Winch Hydraulic Installation (includes item 301 thru 304)	B
	1001136568	Ref	HDP50 Winch Hydraulic Installation (includes item 301 thru 304)	A
	1001227081	Ref	HDP50 UL Winch Hydraulic Installation (includes item 401 thru 402)	A
	1001166518	Ref	DP35/50 UL Winch Hydraulic Installation (includes item 401 thru 404)	C
	1001208072	Ref	DP20 UL Winch Hydraulic Installation (includes item 401 thru 405)	A
	1001136746	Ref	Supply/Pressure Hose Installation (includes item 501 thru 502)	E
	1001213978	Ref	UL350 Hydraulic Installation (includes item 601 thru 606)	A
	1001166519	Ref	DP20 Winch Hydraulic Installation (includes item 701 thru 705)	B
1	1001224572	1	Hose Kit	
2	7445080644	4	Fitting, Straight	
3	7445080843	12	Fitting, Straight	
4	7445080643	8	Fitting, Straight	
4	2220474	8	Fitting, 90	
5	2220773	2	Fitting, 90	
7	2220775	1	Fitting, 90	
8	7443000108	1	Restrictor	
9	7445100843	2	Fitting, Straight	
10	7445081039	2	Fitting, Straight	
11	7445080837	2	Union, Tee	
12	8760273	1	Fitting, 45	
13	7470000023	2	Gauge	
16	7445040425	2	Union, Bulkhead	
17	7443000408	1	Fitting, Tee	
18	1001131302	1	Pipe, Pressure Tube	
19	7445161622	1	Union, Straight	
20	7445161620	2	Fitting, 90	
21	7430000004	2	Filter Assembly	
22	7443000158	2	Fitting, 90	
23	7445161245	1	Fitting, 90	
24	7445161243	1	Fitting, Straight	
25	1001130611	1	Pipe	
26	1001130610	1	Ball Valve	
27	1001130597	1	Hose Insert	
28	1001130587	2	T-bolt Clamp	
29	1001130607	1	Fitting, 90	
30	1001130608	1	Flange	
31	7819000005	1	Hose (Not Shown)	
32	4178000349	1	Bracket	
33	7660200200	2	Nut 5/8	
34	1001130609	1	Flange	
35	1001130589	AR	Fitting, 90	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
36	7445060643	1	Fitting, Straight	
37	7445101043	1	Fitting, Straight	
38	7445060648	1	Fitting, Tee	
39	2221051	1	Fitting, Tee	
40	7445161637	2	Fitting, Tee	
41	7443000258	2	Fitting, Straight	
42	1001163274	1	Hydraulic Tank Installation (See Separate Breakdown in this Section)	
43	7445101018	6	Fitting, Cap Nut	
44	7443000173	1	Fitting, 45	
45	7274000076	8	Clamp	
46	7785152420	8	Set Screw 5/16 x 1-1/2	
47	7660152601	22	Nut 5/16	
48	7115151050	14	Bolt 5/16 x 1-1/4	
49	7950150161	14	Washer 5/16	
50	4706003844	6	Plate	
51	1001137048	5	Clamp	
52	1001137049	3	Clamp	
53	7894000004	50	Tie Strap (Not Shown)	
54	1001137052	19	Clamp	
55	1001143937	2	Clamp	
56	7470000002	2	Gauge	
57	7445080818	4	Fitting, Cap Nut (Not Shown)	
58	1001220854	AR	Fitting, Straight (Not Shown)	
59	2221049	1	Fitting, Tee	
60	2220500	20	Fitting, 45	
61	2221050	1	Fitting, 45	
62	8770197	1	Fitting, Straight	
63	2220671	2	Fitting, 90	
64	2220385	2	Fitting, Tee	
65	1001269992	2	Fitting, Straight	
101	1001136814	2	Hose	
102	1001136817	2	Hose	
103	4567130135	2	Hose	
104	1001136821	2	Hose	
105	1001136824	2	Hose	
106	4567132085	2	Hose	
107	4569140046	8	Hose	
108	1001164084	2	Hose	
109	1001164087	1	Hose	
110	1001136841	2	Hose	
111	4567120069	1	Hose	
112	4570000361	1	Hose	
113	1001136843	2	Hose	
114	1001136844	2	Hose	
115	1001136845	2	Hose	
116	1001136846	2	Hose	
117	1001164055	4	Hose	
118	4569160030	8	Hose	
119	4567150016	2	Hose	
120	1001136861	2	Hose	
121	1001136876	4	Hose	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
122	4567182031	1	Hose	
123	1001136851	4	Hose	
124	4567112024	2	Hose	
125	4567112038	1	Hose	
126	4567110065	1	Hose	
127	1001164143	1	Hose	
128	4567120071	1	Hose	
129	1001136891	3	Hose	
130	1001164090	1	Hose	
131	7565000016	1.5 ft	Hose	
132	1001164104	1	Hose	
133	1001164101	1	Hose	
134	1001136960	1	Hose	
135	1001162803	1	Hose	
136	1001224576	1	Hose	
201	7445060643	8	Adapter	
202	4570000167	4	Hose	
203	4619000006	1	Manifold	
204	7115161650	2	Bolt 3/8 x 2	
205	7950160000	2	Washer 3/8	
206	4567120022	2	Hose	
207	1001136881	2	Fitting, 45	
208	1001136883	2	Hose	
209	1001136884	4	Hose	
301	1001136772	2	Hose	
302	1001136792	2	Hose	
303	7445101045	2	Fitting, 90	
304	7445101043	2	Fitting, Straight	
401	7445100845	1	Fitting, 90	
401	2221036	2	Fitting, 90	
402	1001164083	2	Hose	
403	7445100843	1	Fitting, Straight	
404	2220973	1	Fitting, 90	
405	88662121	1	Fitting, 45	
501	1001231687	1	Hose	
502	1001136939	11.6 ft	Hose	
601	7445060643	4	Fitting, Straight	
602	4570000218	2	Hose	
603	1001136807	2	Hose	
604	1001136881	2	Fitting, 45	
605	1001136883	2	Hose	
606	1001136884	4	Hose	
701	1001164055	4	Hose	
702	4569160030	4	Hose	
703	1001163364	4	Hose	
704	1001166373	4	Hose	
705	7445080845	4	Fitting, 45	

FIGURE 6-2. HYDRAULIC TANK INSTALLATION

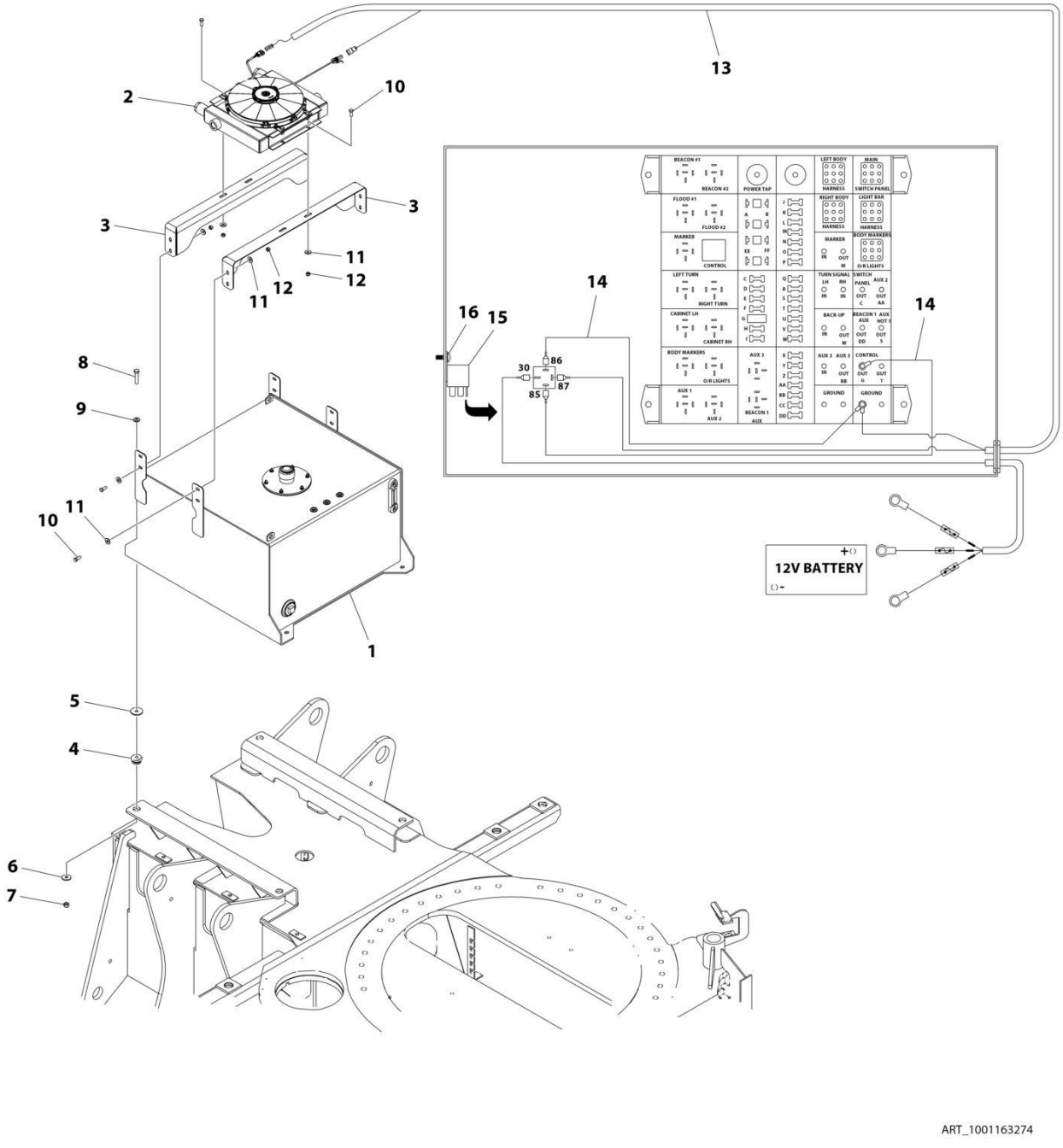


FIGURE 6-2. HYDRAULIC TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163274	Ref	Hydraulic Tank Installation	B
1	1001127996	1	Hydraulic Tank (See Separate Breakdown in this Section)	
2	1001151763	1	Remote Oil Cooler Radiator (See Separate Breakdown in this Section)	
3	1001130437	2	Mount, Hydraulic Oil Cooler	
4	7636000006	4	Mount, Center Bonded	
5	7949000015	4	Washer	
6	7949000016	4	Washer	
7	7660182601	4	Nut 1/2	
8	7115181850	4	Capscrew 1/2 x 2-1/4	
9	7950180141	4	Washer 1/2	
10	7115160850	12	Bolt 3/8 x 1	
11	7950160161	20	Washer 3/8	
12	7660162601	12	Nut 3/8	
13	1001144068	1	Oil Cooler Harness	
14	1001144012	2	Power Panel Relay Harness	
15	7740000003	1	Relay	
16	7790100856	1	Screw, Self-Tapping, #10 x 1/2	

FIGURE 6-3. HYDRAULIC TANK ASSEMBLY

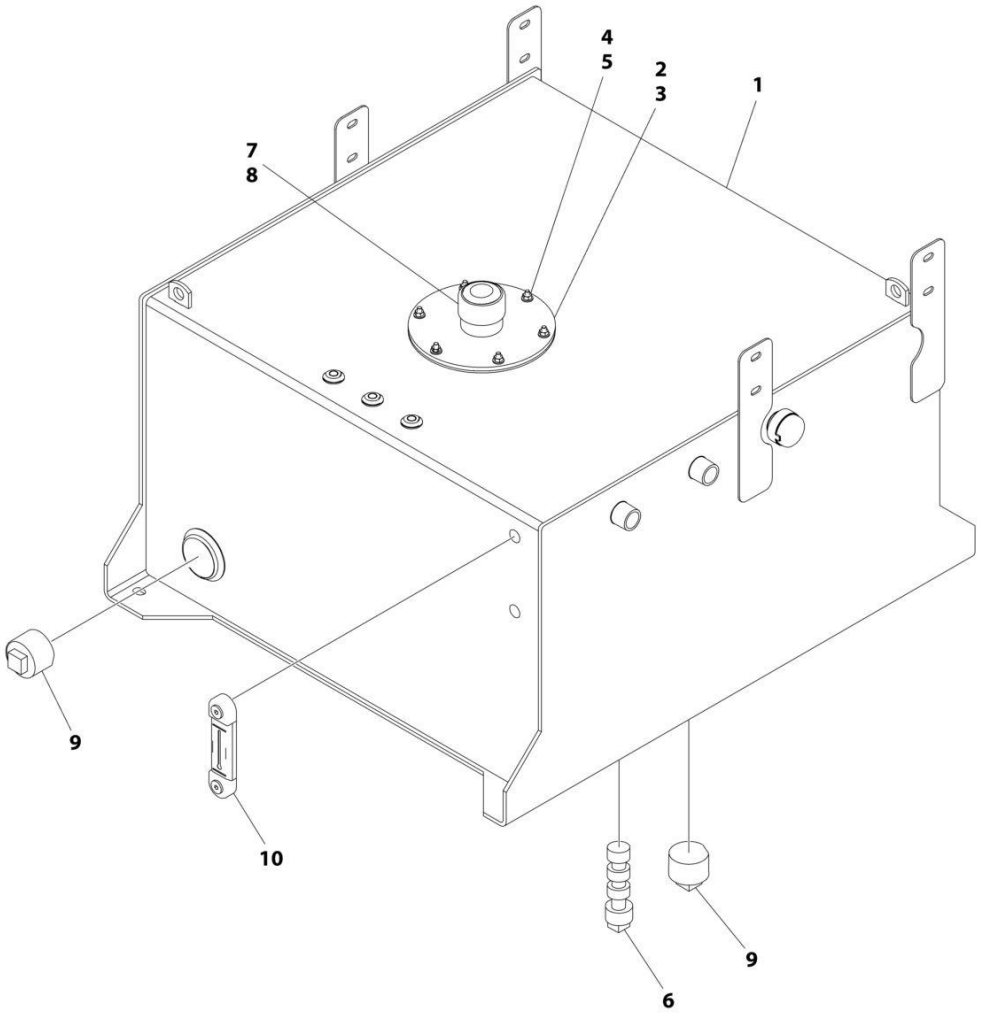


FIGURE 6-3. HYDRAULIC TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127996	Ref	Hydraulic Tank Assembly	B
1	70050386	1	Tank	
2	70050387	1	Gasket	
3	70050388	1	Cover Assembly	
4	83304173	6	Washer 1/4	
5	83304174	6	Nut 1/4	
6	70050389	1	Magnetic Plug	
7	7024445	1	Strainer	
8	7024444	1	Vented Fill Cap	
9	70050390	2	Plug	
10	70050391	1	Sight Gauge	

FIGURE 6-4. REMOTE OIL COOLER RADIATOR

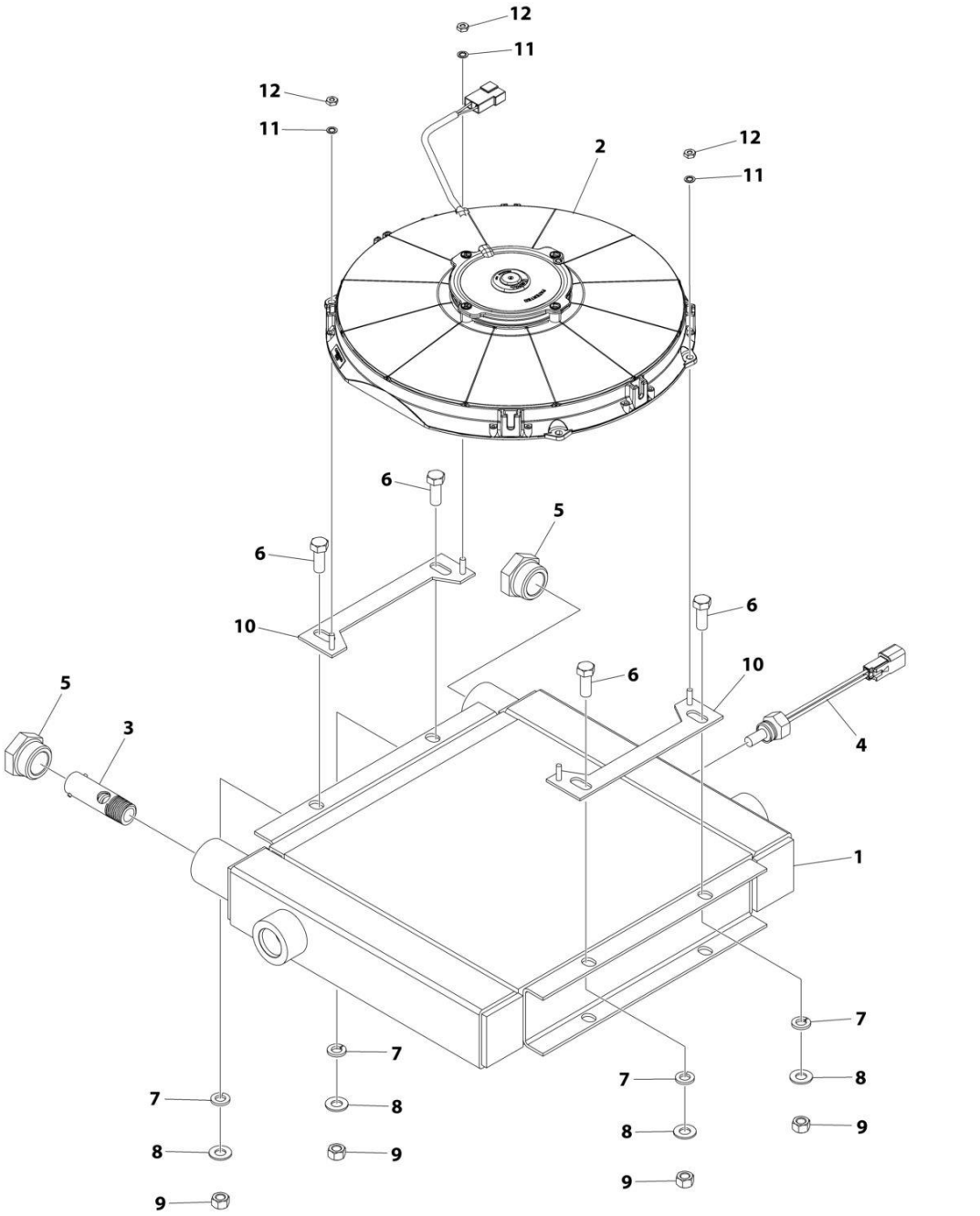


FIGURE 6-4. REMOTE OIL COOLER RADIATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151763	Ref	Remote Oil Cooler Radiator	B
1	70050273	1	Core, Cooler - NPT	
1	70050275	1	Core, Cooler - O-Ring	
2	70050276	1	Fan	
3	70050277	1	Valve, Bypass Check	
4	70050274	1	Switch, Temperature - NPT	
4	70050278	1	Switch, Temperature - O-Ring	
5	70050280	2	Plug	
6	7115160850	4	Capscrew 3/8 x 1	
7	7950160000	4	Lockwasher 3/8	
8	7950160161	4	Washer 3/8	
9	7660160000	4	Nut 3/8	
10	70050279	2	Bracket	
11	70050281	4	Lockwasher #10	
12	70050282	2	Nut #10	

FIGURE 6-5. AUX WINCH STEEL TUBES INSTALLATION

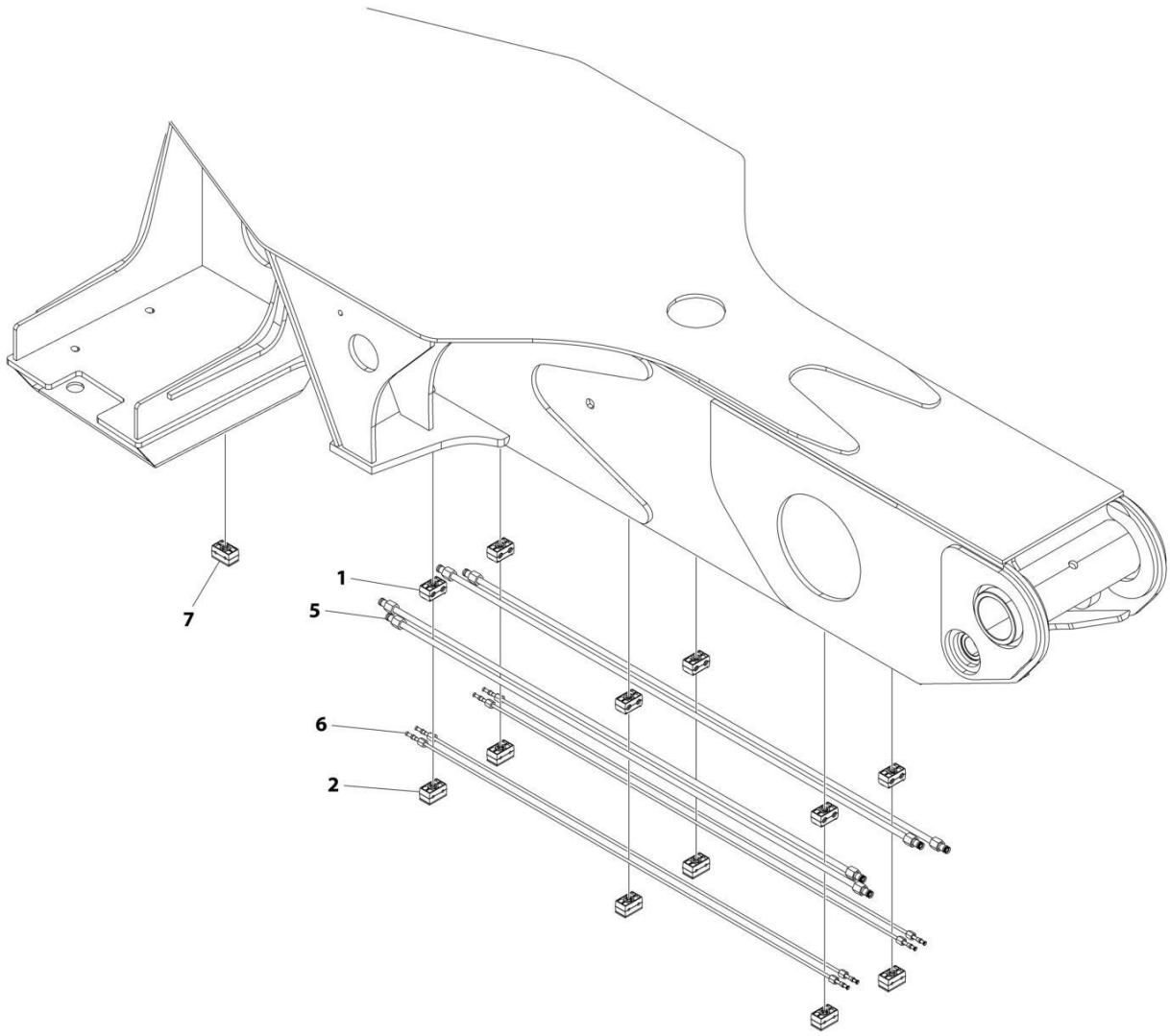
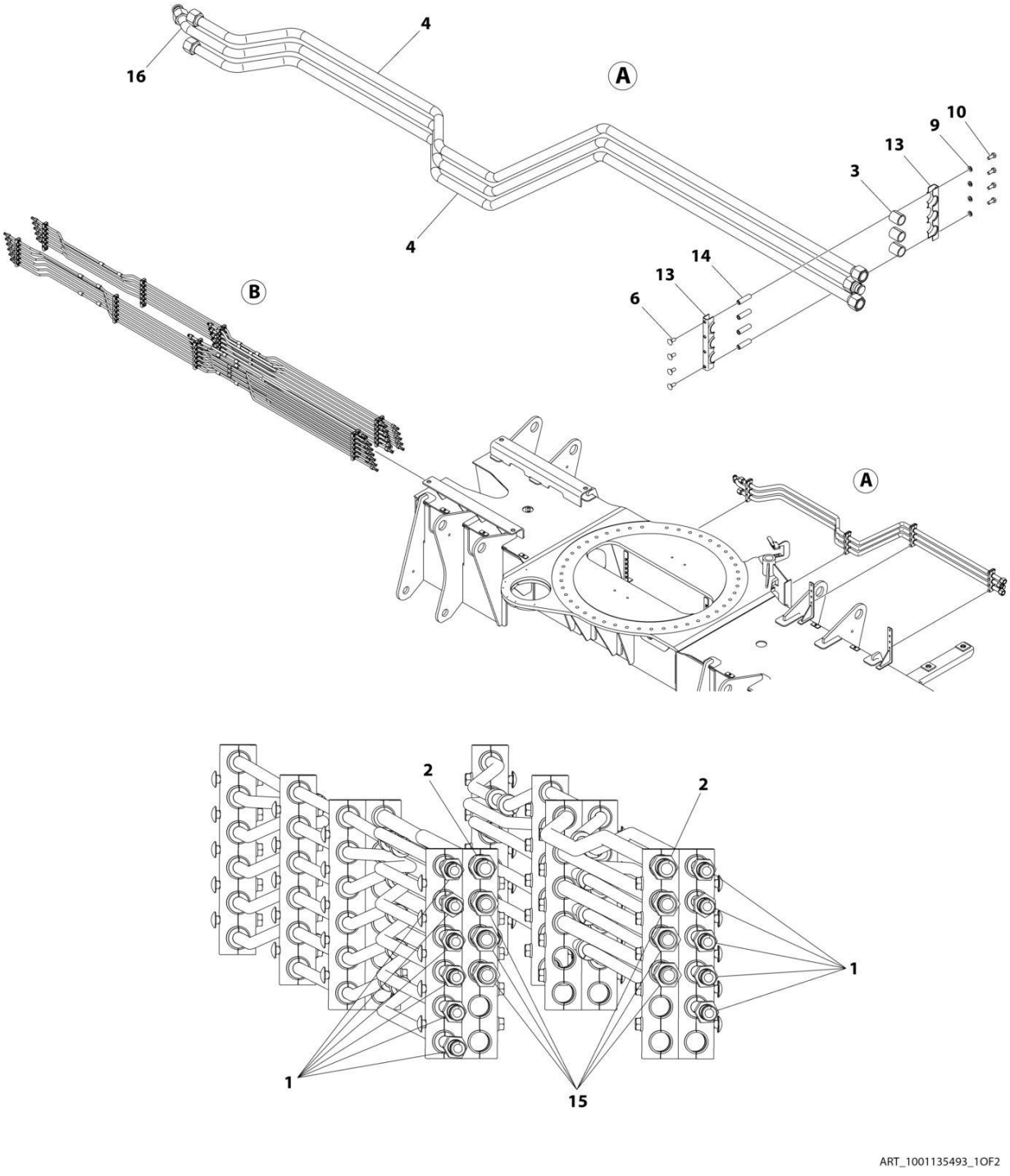
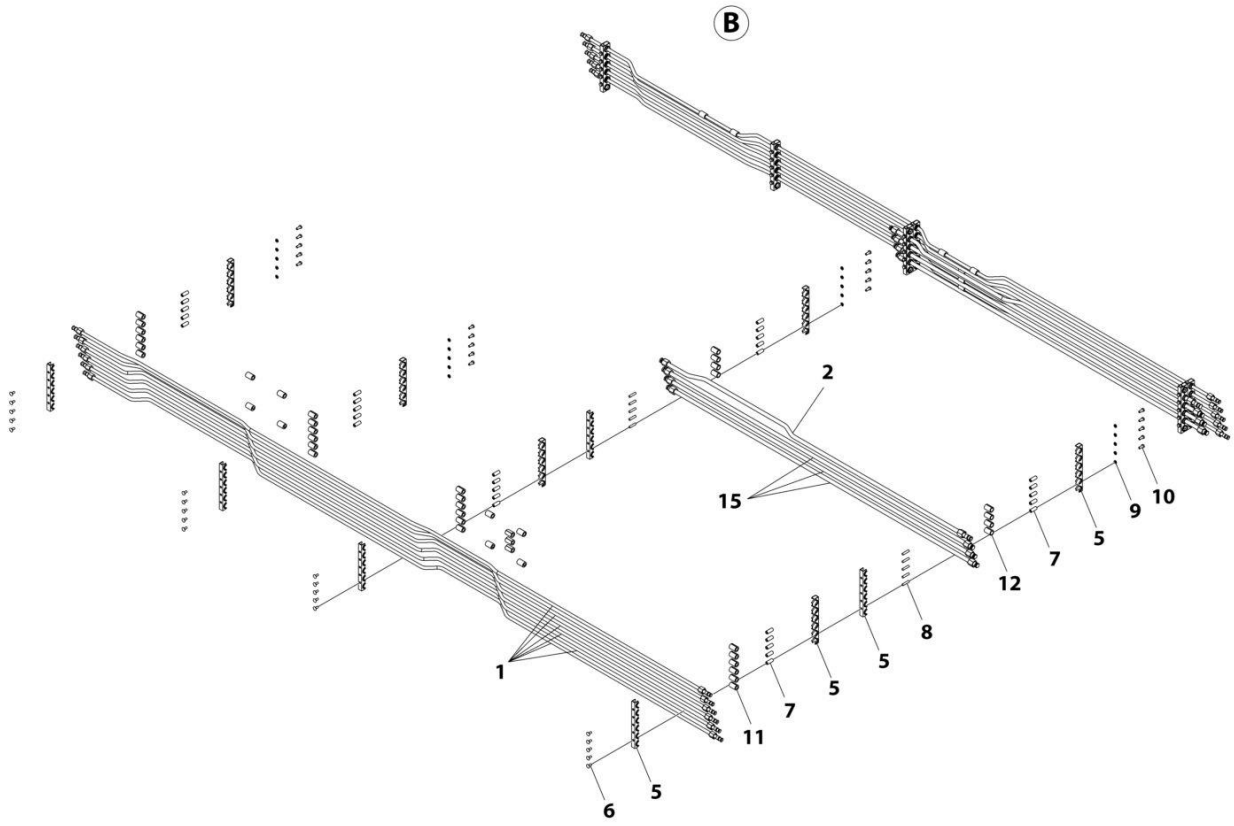


FIGURE 6-5. AUX WINCH STEEL TUBES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158671	Ref	Aux Winch Steel Tubes Installation	B
1	1001137487	6	Clamp, Kit	
2	1001158716	6	Clamp, Kit	
5	1001165825	4	Tube Assembly	
6	1001158735	4	Tube Assembly	
7	1001137052	2	Clamp, Kit	

FIGURE 6-6. HYDRAULIC TUBE INSTALLATION - 9 SECTION



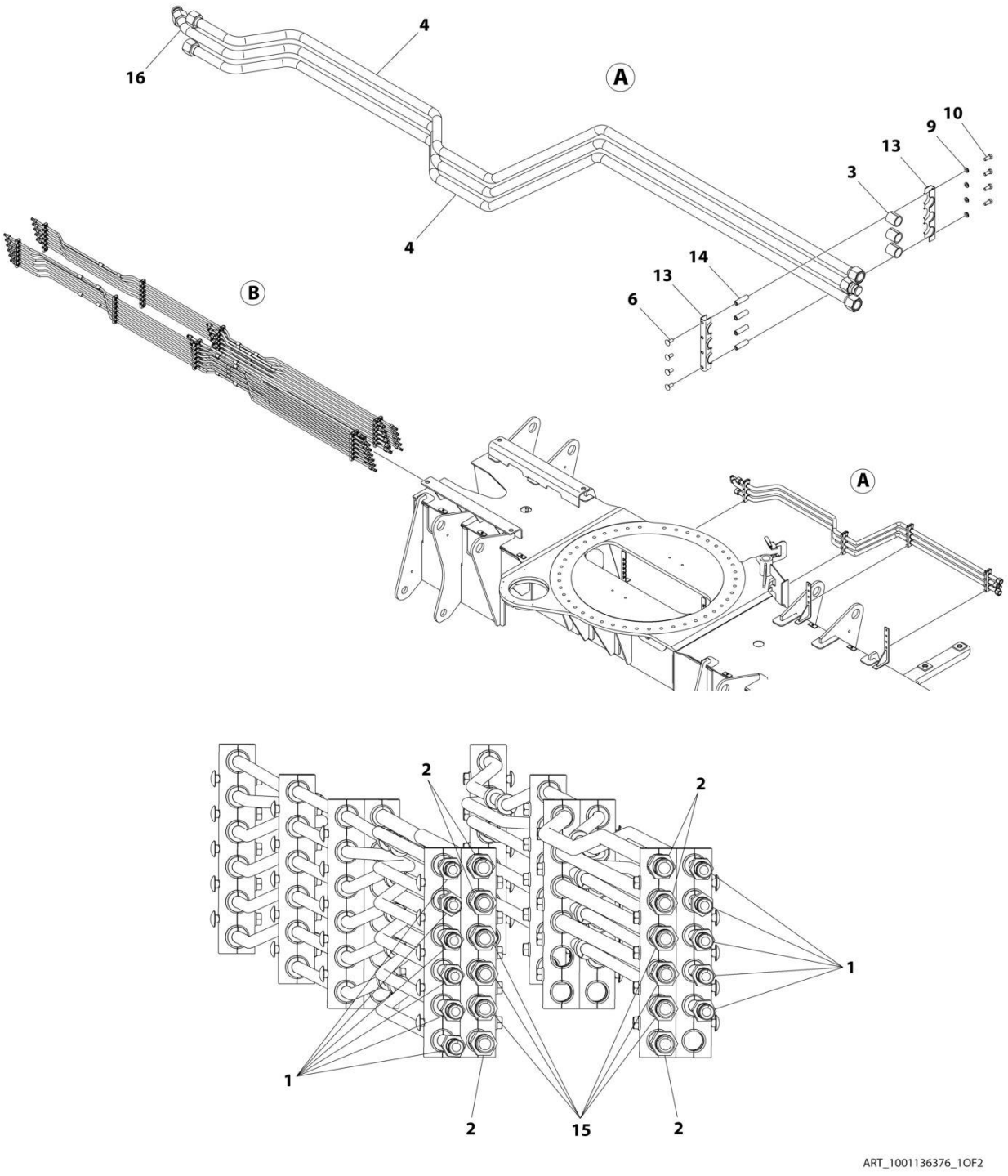


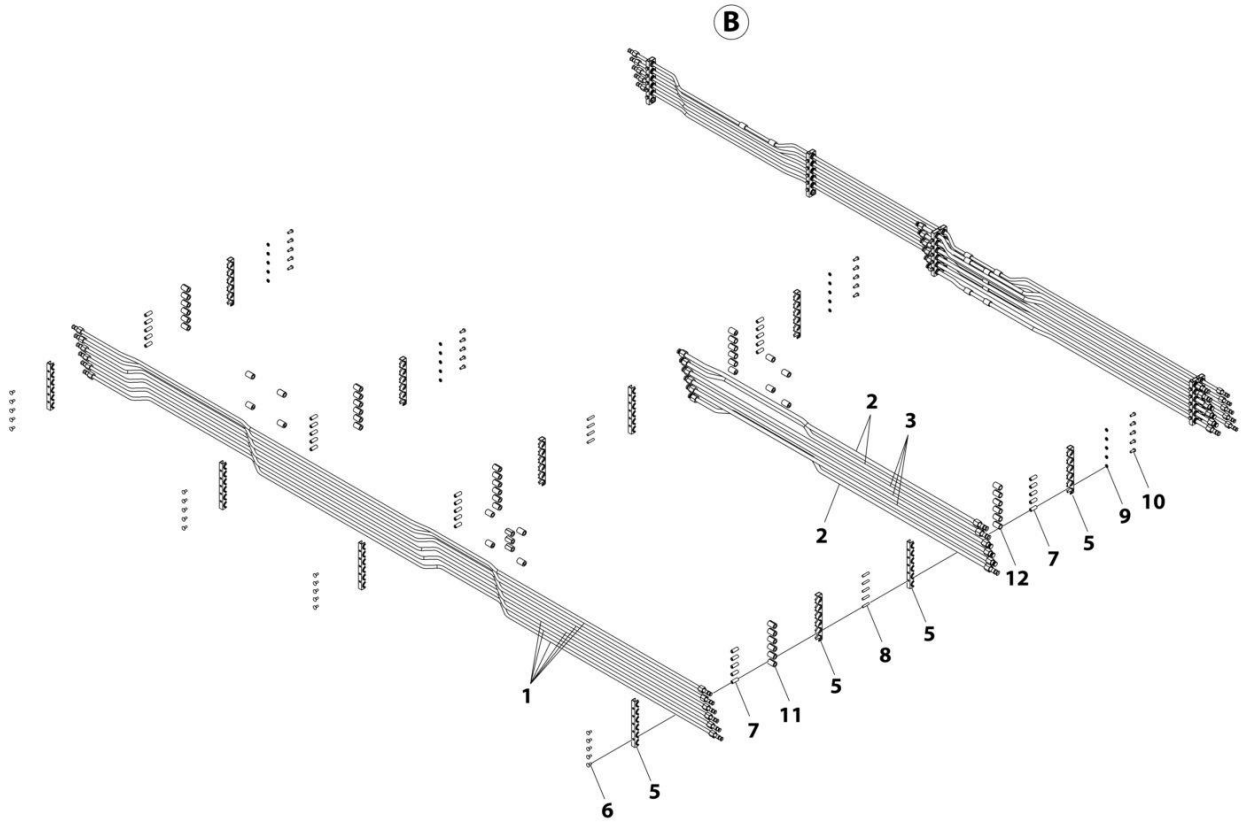
ART_1001135493_2OF2

FIGURE 6-6. HYDRAULIC TUBE INSTALLATION - 9 SECTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135493	Ref	Hydraulic Tube Installation - 9 Section	D
1	1001134739	11	Pipe, Tube Assembly	
2	1001134740	2	Pipe, Tube Assembly	
3	7209000033	12	Bushing	
4	1001130395	2	Pipe, Tube Assembly	
5	7274000030	12	Clamp Assembly	
6	7115150664	52	Bolt 5/16 x 3/4	
7	7661000022	60	Stacking Nut	
8	7007000036	20	Thread Adapter	
9	7950150000	56	Washer 5/16	
10	7115150650	56	Capscrew 5/16 x 3/4	
11	7209000023	62	Bushing	
12	7209000024	16	Bushing	
13	7274000088	4	Clamp Assembly	
14	7661000027	16	Stacking Nut	
15	1001133571	6	Pipe, Tube Assembly	
16	1001158142	1	Pipe, Tube Assembly	

FIGURE 6-7. HYDRAULIC TUBE INSTALLATION - 11 SECTION





ART_1001136376_2OF2

FIGURE 6-7. HYDRAULIC TUBE INSTALLATION - 11 SECTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001136376	Ref	Hydraulic Tube Installation - 11 Section	C
1	1001134739	11	Pipe, Tube Assembly	
2	1001134740	6	Pipe, Tube Assembly	
3	1001133571	6	Pipe, Tube Assembly	
4	1001130395	2	Pipe, Tube Assembly	
5	7274000030	12	Clamp Assembly	
6	7115150664	52	Bolt 5/16 x 3/4	
7	7661000022	60	Stacking Nut	
8	7007000036	20	Thread Adapter	
9	7950150000	56	Washer 5/16	
10	7115150650	56	Capscrew 5/16 x 3/4	
11	7209000023	62	Bushing	
12	7209000024	32	Bushing	
13	7274000088	4	Clamp Assembly	
14	7661000027	16	Stacking Nut	
15	7209000033	12	Bushing	
16	1001158142	1	Pipe, Tube Assembly	

FIGURE 6-8. HYDRAULIC OIL HEATER INSTALLATION

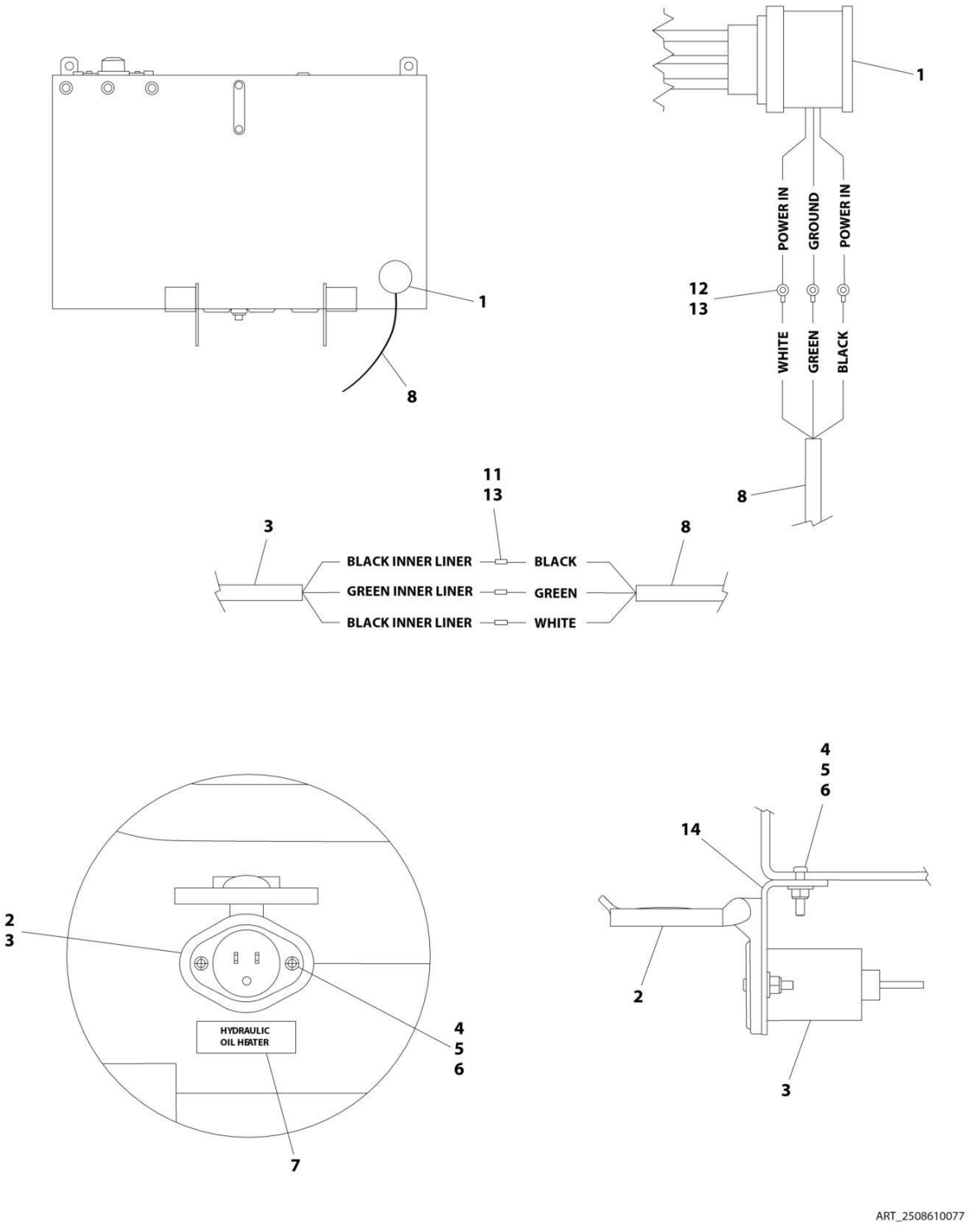


FIGURE 6-8. HYDRAULIC OIL HEATER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2508610077	Ref	Oil Heater Installation	A
1	7002000504	1	Oil Heater	
2	7314000010	1	Hinge	
3	7346000241	1	Connector	
4	7114100818	4	Capscrew #10 x 1	
5	7950100151	4	Washer 3/16	
6	7660102601	4	Nut #10	
7	7330000728	1	Decal	
8	5525000537	24	Wire	
9	5526000553	30	Loom (Not Shown)	
10	8594100003	6	Tie Strap (Not Shown)	
11	7345001704	3	Terminal	
12	7345211702	3	Terminal	
13	7346000039	AR	Tubing	
14	4178000775	1	Bracket	

FIGURE 6-9. 82 SERIES PTO INSTALLATION

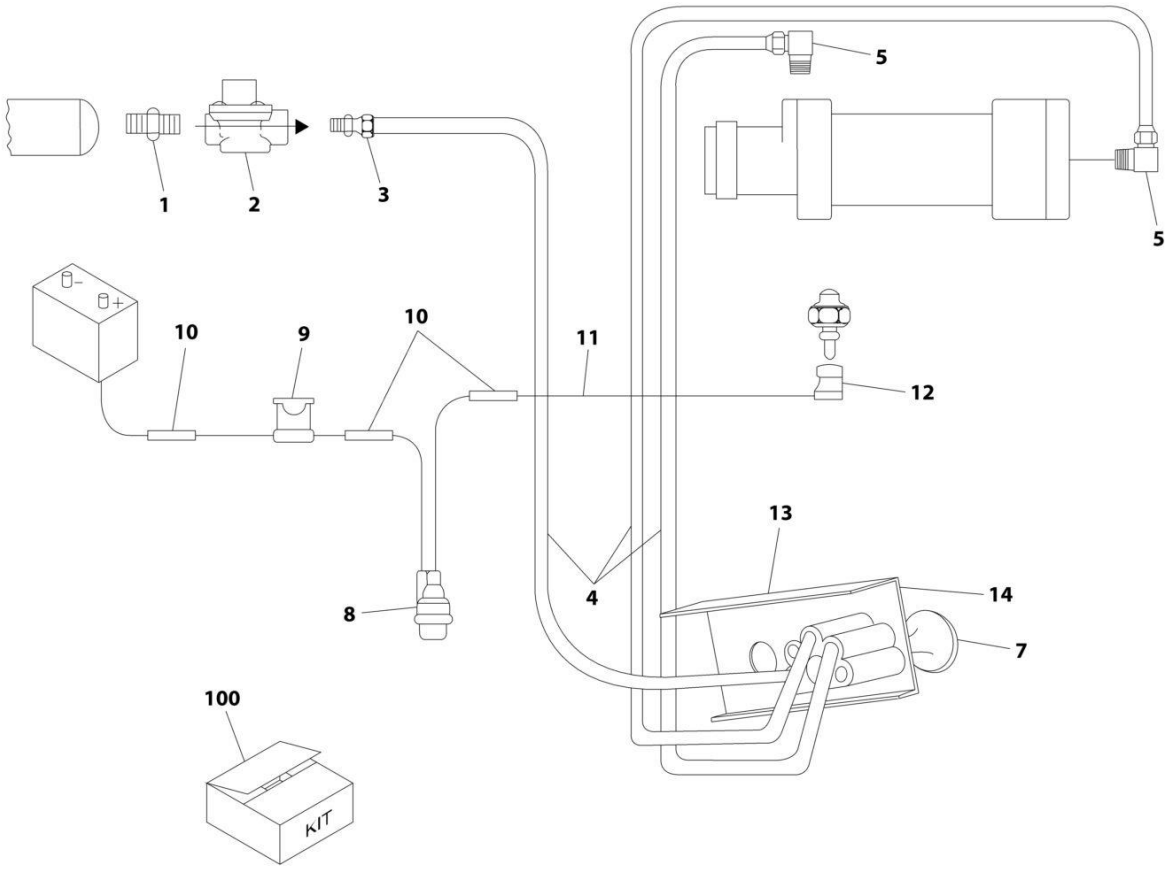


FIGURE 6-9. 82 SERIES PTO INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001130677	Ref	82 Series PTO Installation	0
1	70050308	1	Nipple	
2	9935740034	1	Valve, Pressure Protection	
3	70050309	1	Fitting	
4	7565000019	30 ft	Air Tubing	
5	70050310	2	Fitting	
6	70050320	1	Fitting (Not Shown)	
7	70050567	1	Valve, Air	
8	7590000049	1	12V Light	
8	70050321	1	24V Light	
9	70050316	1	Fuse Assembly	
10	70050315	3	Butt Splice	
11	70050312	15	Wire	
12	70050318	1	Connector	
13	70050571	1	Dash Bracket	
14	70050573	1	Face Plate	
15	70050319	1	Bolt Kit (Not Shown)	
100	9577760232	Ref	Installation Kit	

FIGURE 6-10. CS24 SERIES PTO INSTALLATION

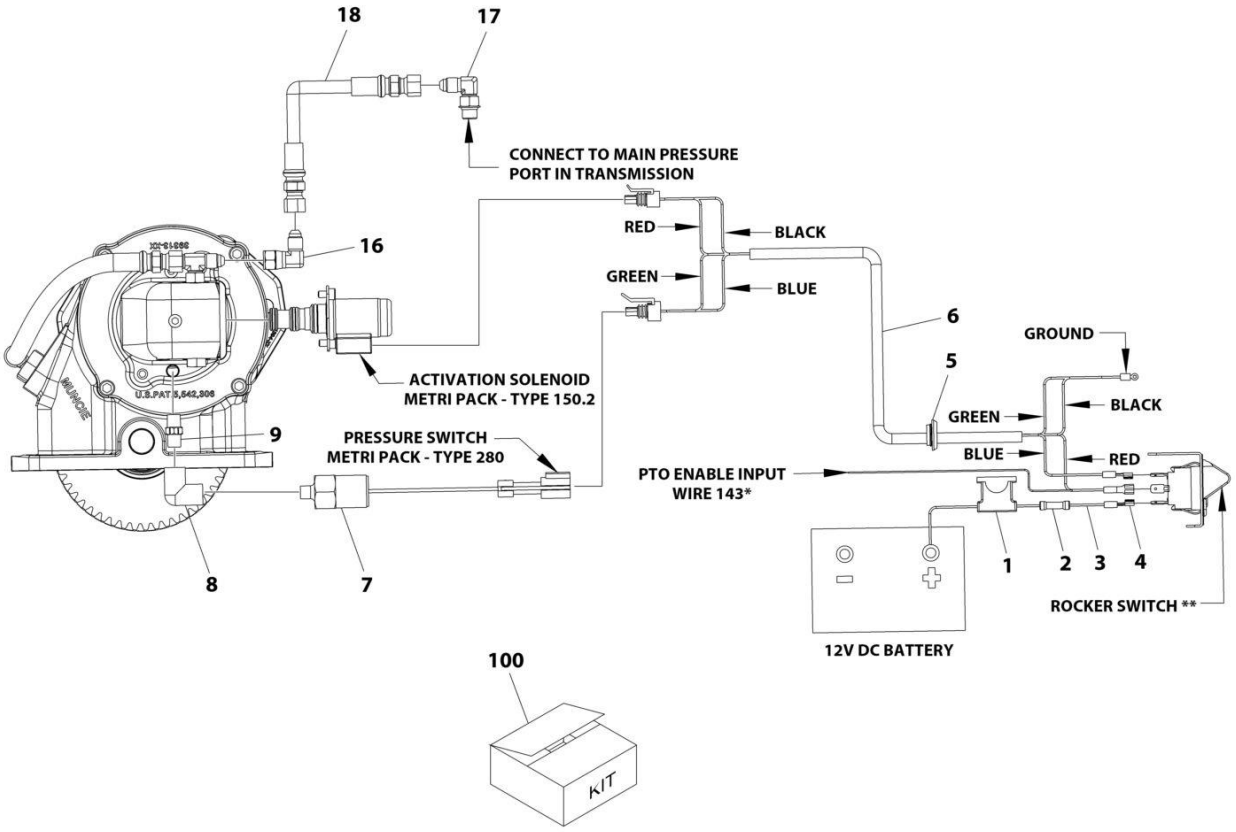


FIGURE 6-10. CS24 SERIES PTO INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225254	Ref	CS24 Series PTO Installation	A
1	70050316	1	Fuse Assembly	
2	70050315	1	Butt Splice	
3	70050312	1	Wire	
4	70050314	1	Connector	
5	70050325	1	Grommet	
6	70050328	1	Wire Harness	
7	7870000062	1	Pressure Switch	
8	70050329	1	Elbow	
9	70050330	1	Nipple	
10	70050313	1	Terminal (Not Shown)	
11	70050331	1	Connector (Not Shown)	
12	7706000005	1	Switch Bracket (Not Shown)	
13	7706000001	1	Face Plate (Not Shown)	
14	7870000045	1	Switch, 12V (Not Shown)	
15	70050319	1	Bolt Kit (Not Shown)	
16	7443000431	1	Fitting	
17	7443000244	1	Fitting	
18	70050468	1	Hose	
100	70050467	Ref	Hose Kit (includes items 16 to 18)	

SECTION 7 - ELECTRICAL

FIGURE 7-1. ALARM INSTALLATION - FIXED BACK-UP

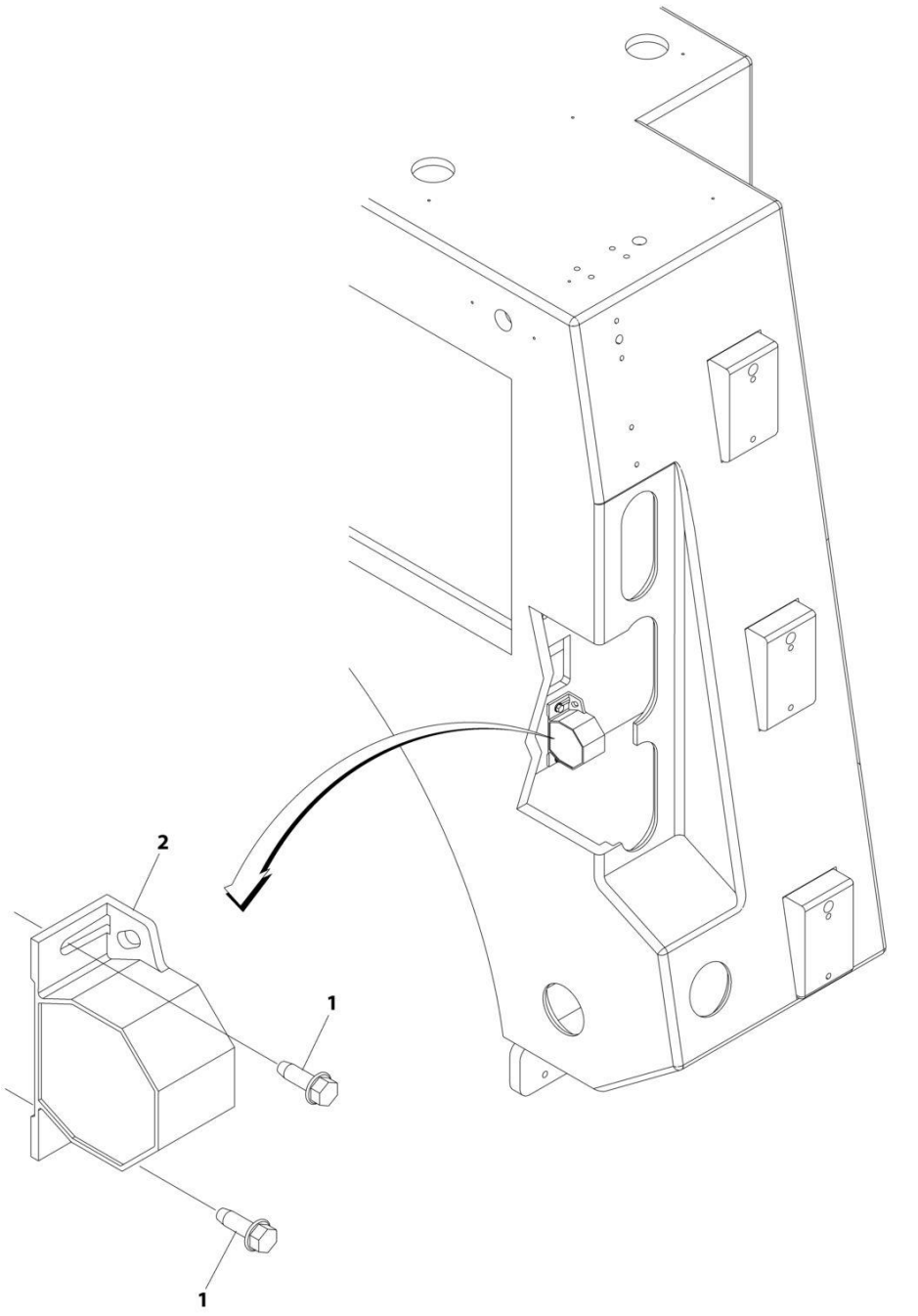


FIGURE 7-1. ALARM INSTALLATION - FIXED BACK-UP

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 7-2. ALARM INSTALLATION - VARIABLE BACK-UP

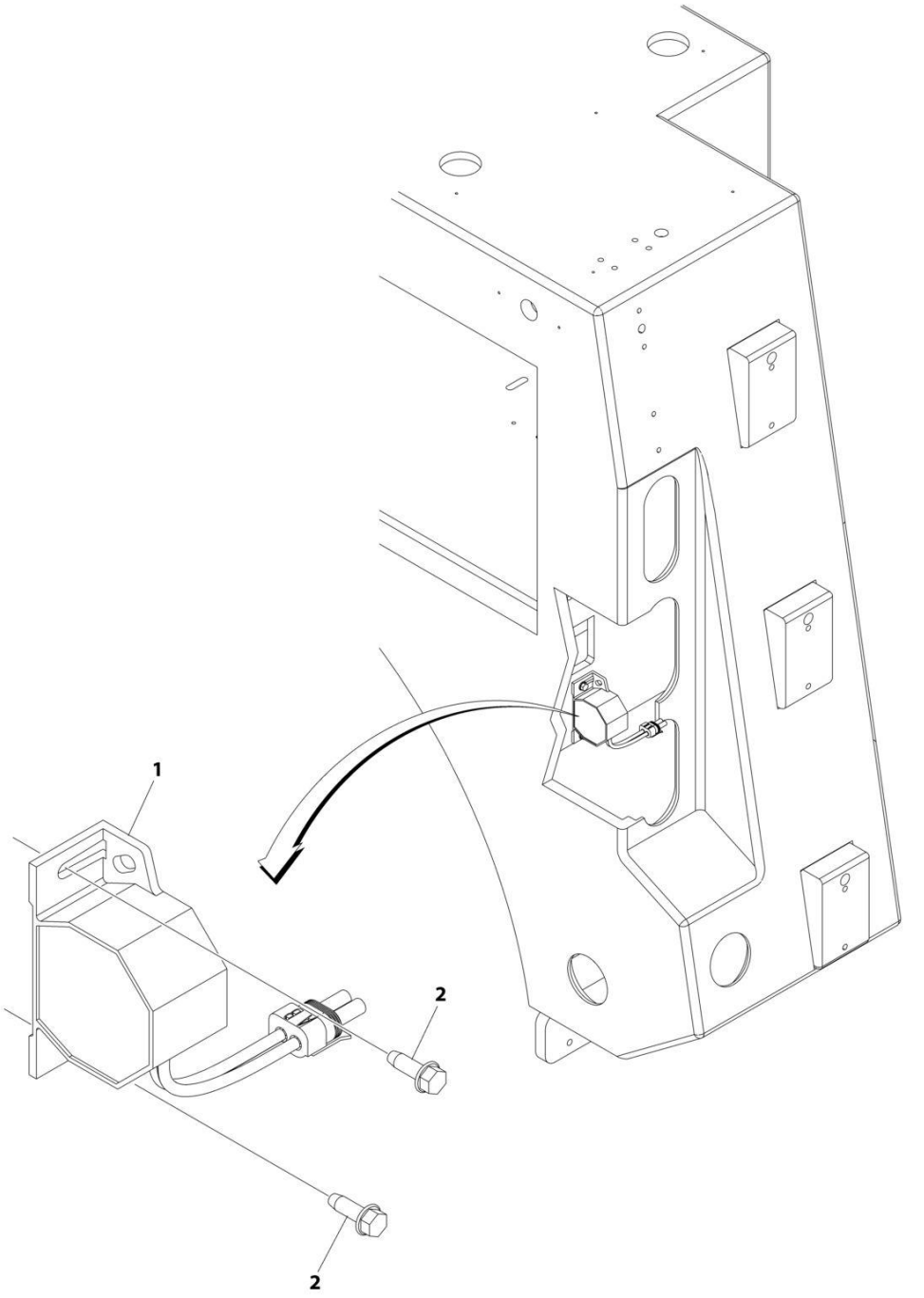


FIGURE 7-2. ALARM INSTALLATION - VARIABLE BACK-UP

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 7-3. BATTERY INSTALLATION - JFB 39IN

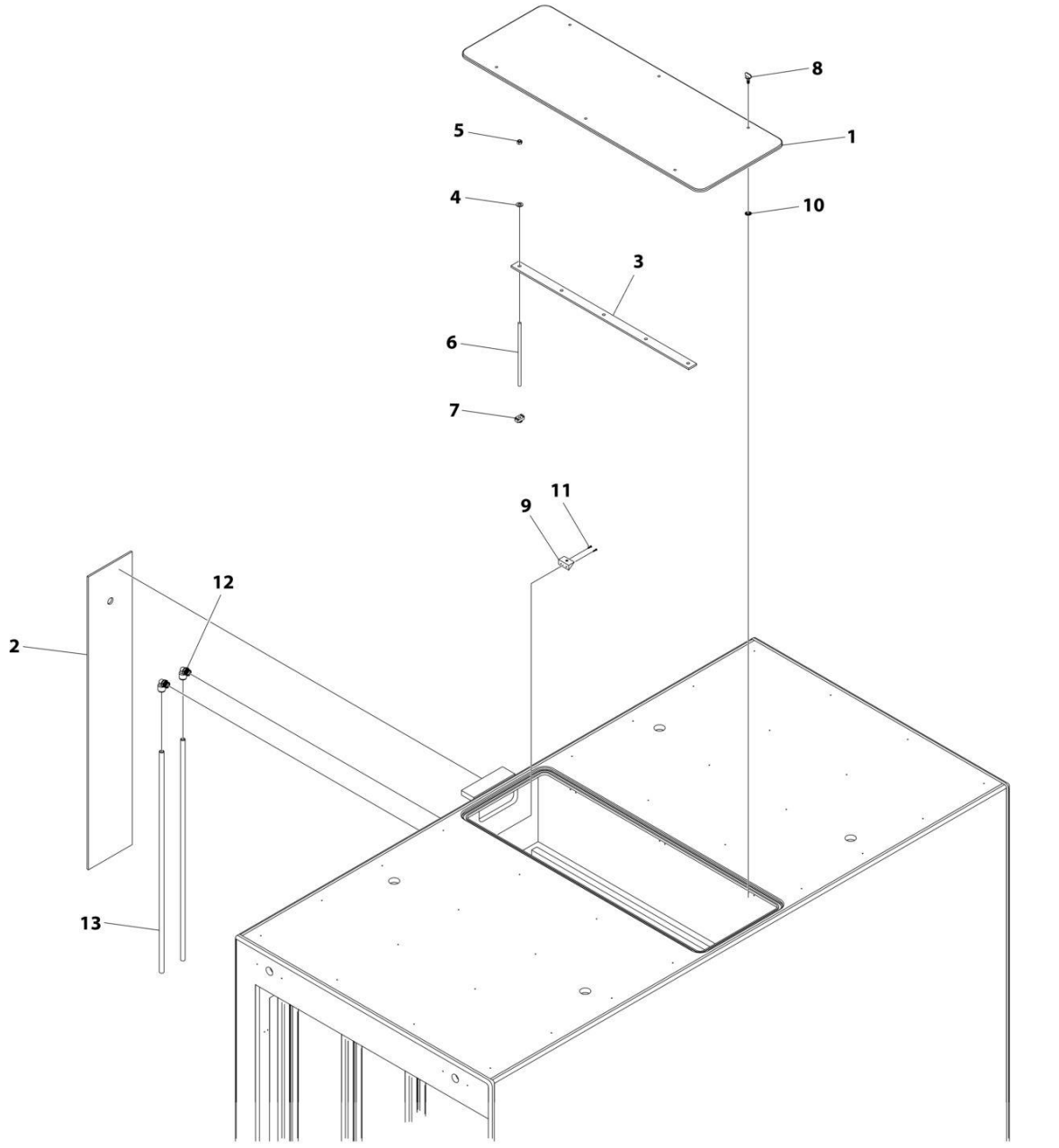


FIGURE 7-3. BATTERY INSTALLATION - JFB 39IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206077	Ref	BATTERY INSTALLATION - JFB 39IN	A
1	1001182569	1	Cover	
2	1001166679	1	Cover	
3	1001183200	1	Bar	
4	7950160153	5	Washer 3/8	
5	7660162604	5	Nut 3/8	
6	1001166670	5	Rod	
7	1001166644	5	Nut 3/8	
8	1001166930	6	Latch	
9	1001122235	6	Bracket	
10	3760308	6	Ring	
11	0750605	12	Screw #6 X 5/8	
12	7446100836	2	Fitting, 90	
13	7565000015	5.4 ft	Tube	
14	1001188538	8 ft	Cable (Not Shown - To Extend OEM Battery Cables as Necessary)	
15	1060706	8 ft	Cable (Not Shown - To Extend OEM Battery Cables as Necessary)	
16	7346000131	8	Connector (Not Shown - To Extend OEM Battery Cables as Necessary)	
17	7346000040	2 pc	Tube (Not Shown - To Extend OEM Battery Cables as Necessary)	

FIGURE 7-4. BATTERY INSTALLATION - JFB 51IN

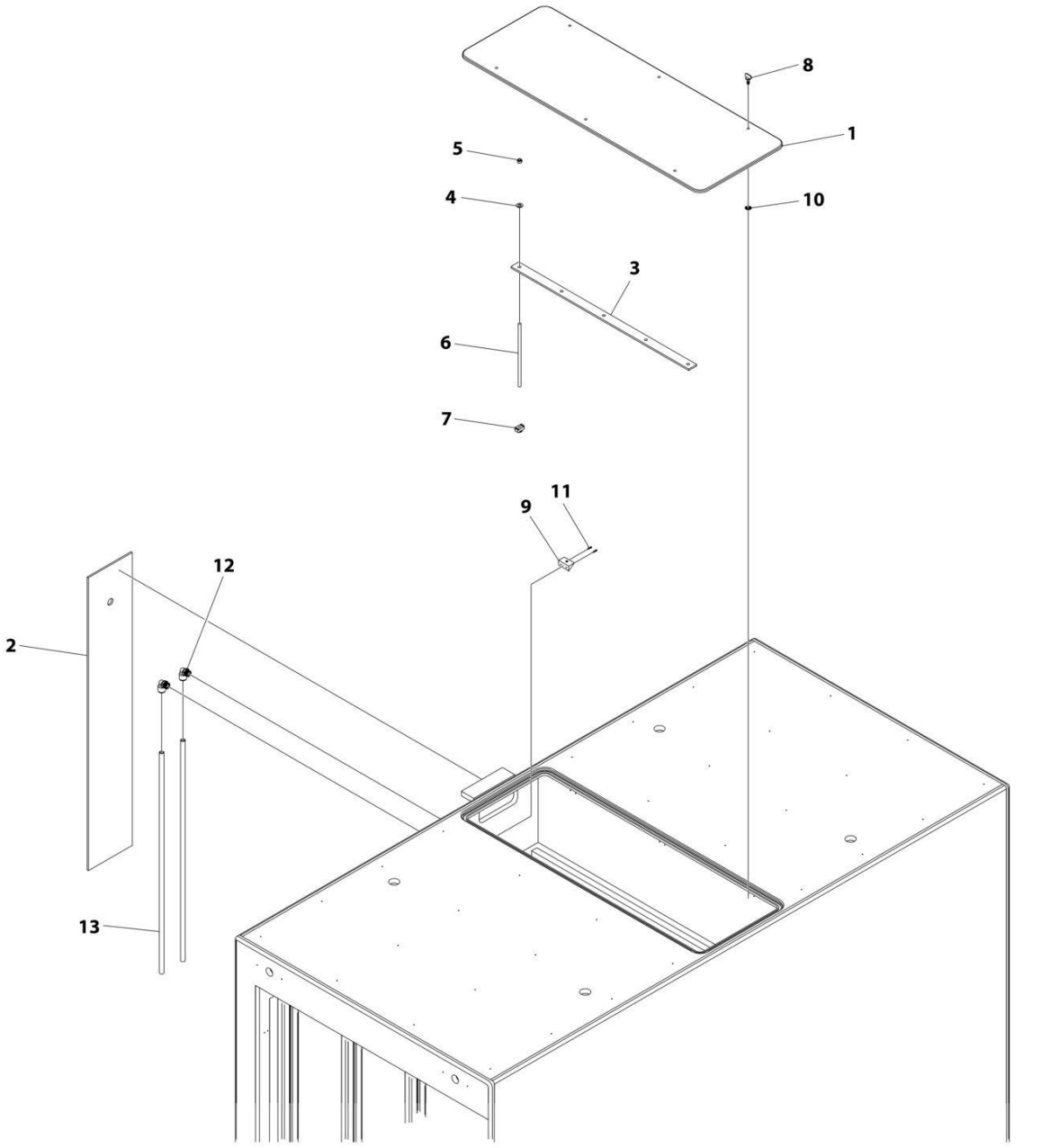
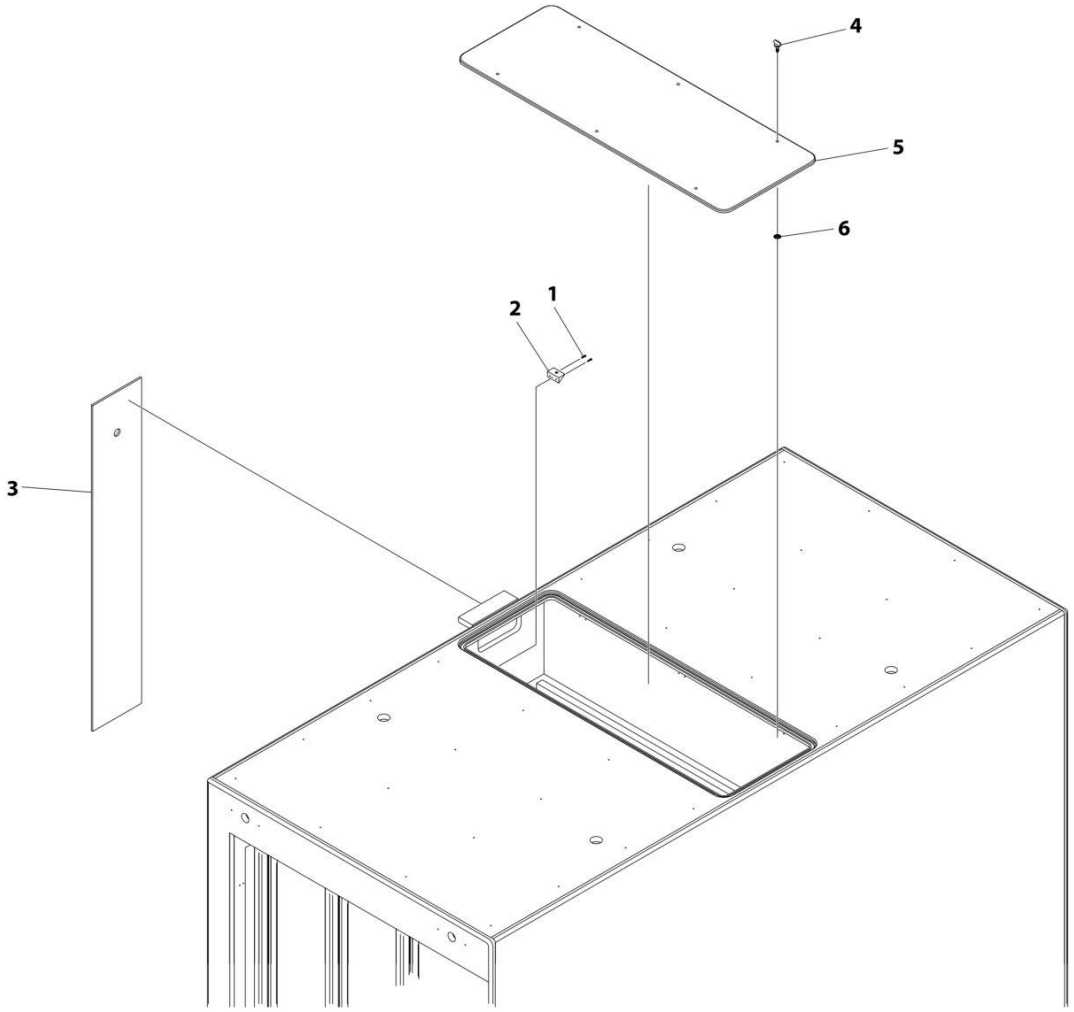


FIGURE 7-4. BATTERY INSTALLATION - JFB 51IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165986	Ref	BATTERY INSTALLATION - JFB 51IN	E
1	1001166674	1	Cover	
2	1001166679	1	Cover	
3	1001165982	1	Bar	
4	7950160153	5	Washer 3/8	
5	7660162604	5	Nut 3/8	
6	1001166670	5	Rod	
7	1001166644	5	Nut 3/8	
8	1001166930	6	Latch	
9	1001122235	6	Bracket	
10	3760308	6	Ring	
11	0750605	12	Screw #6 X 5/8	
12	7446100836	2	Fitting, 90	
13	7565000015	6 ft	Tube	
15	1060706	8 ft	Cable (Not Shown - To Extend OEM Battery Cables as Necessary)	
16	7346000131	8	Connector (Not Shown - To Extend OEM Battery Cables as Necessary)	
17	1001188538	8 ft	Cable (Not Shown - To Extend OEM Battery Cables as Necessary)	
18	7346000040	2 pc	Tube (Not Shown - To Extend OEM Battery Cables as Necessary)	

FIGURE 7-5. BATTERY COVERS INSTALLATION - JFB 39IN



ART_1001241752

FIGURE 7-5. BATTERY COVERS INSTALLATION - JFB 39IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241752	Ref	BATTERY COVERS INSTALLATION - JFB 39IN	A
1	0750605	12	Screw #6 X 5/8	
2	1001122235	6	Bracket	
3	1001166679	1	Cover	
4	1001166930	6	Latch	
5	1001182569	1	Cover	
6	3760308	6	Ring	

FIGURE 7-6. BATTERY COVERS INSTALLATION - JFB 51IN

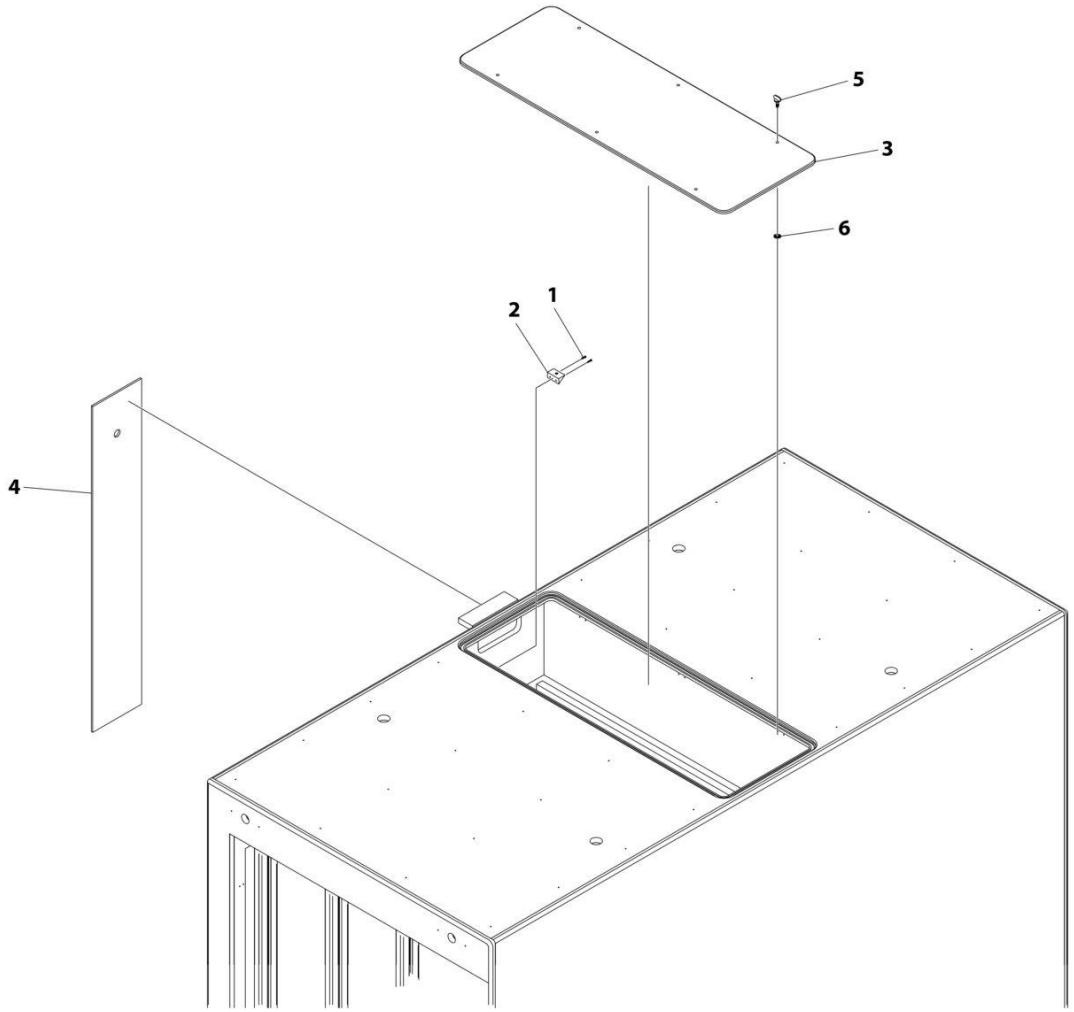


FIGURE 7-6. BATTERY COVERS INSTALLATION - JFB 51IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241722	Ref	BATTERY COVERS INSTALLATION - JFB 51IN	A
1	0750605	12	Screw #6 X 5/8	
2	1001122235	6	Bracket	
3	1001166674	1	Cover	
4	1001166679	1	Cover	
5	1001166930	6	Latch	
6	3760308	6	Ring	

FIGURE 7-7. TNL BATTERY COVERS INSTALLATION - JFB 39IN TS (SN 0230008542 to Present)

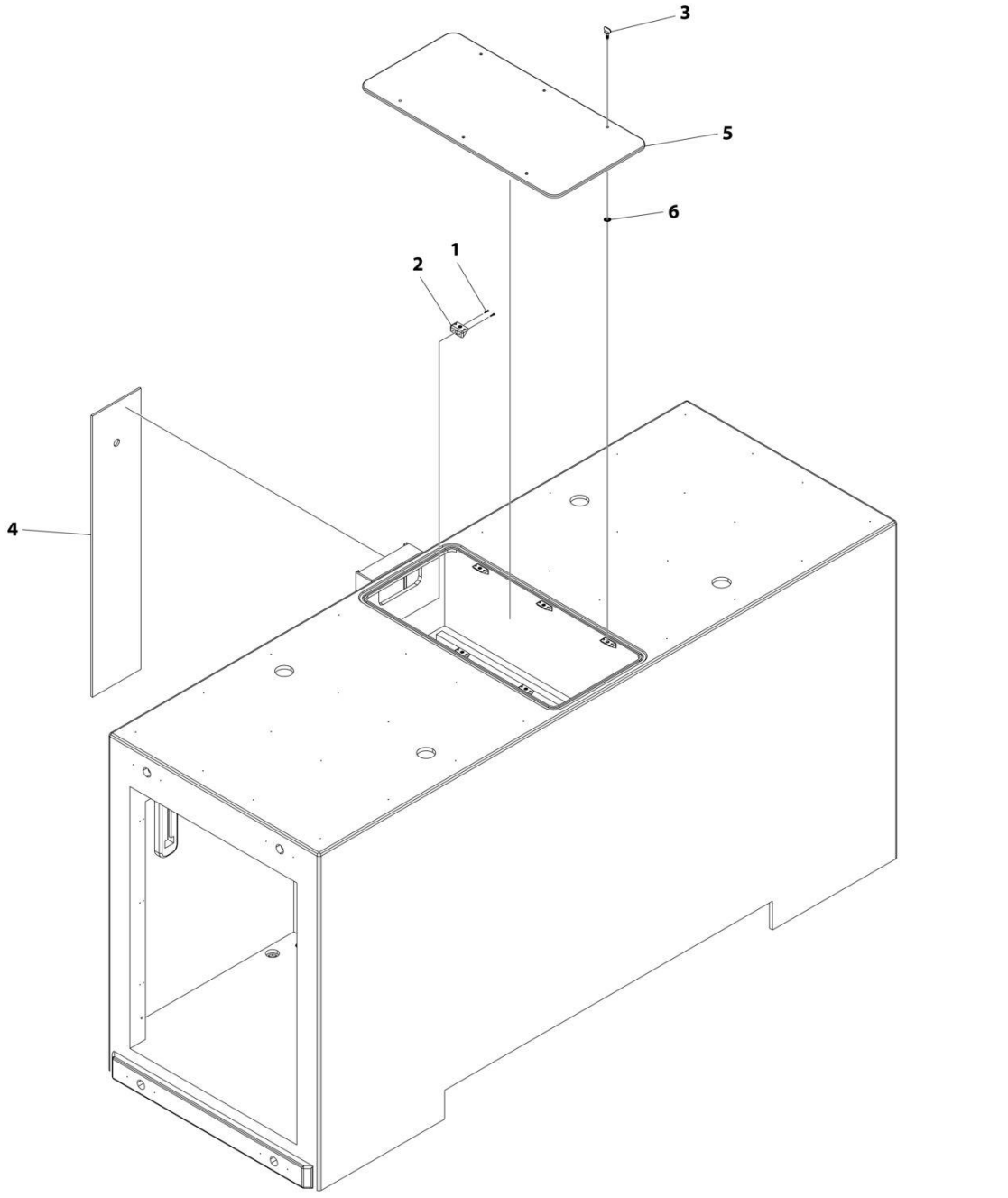


FIGURE 7-7. TNL BATTERY COVERS INSTALLATION - JFB 39IN TS (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241751	Ref	TUNNEL BATTERY COVERS INSTALLATION - JFB 39IN TS	A
1	0750605	12	Screw #6 x 5/8	
2	1001122235	6	Bracket	
3	1001166930	6	Latch	
4	1001182568	1	Cover	
5	1001182569	1	Cover	
6	3760308	6	Ring	

FIGURE 7-8. BATTERY RELOCATION HARDWARE INSTALLATION (SN 0230008542 to Present)

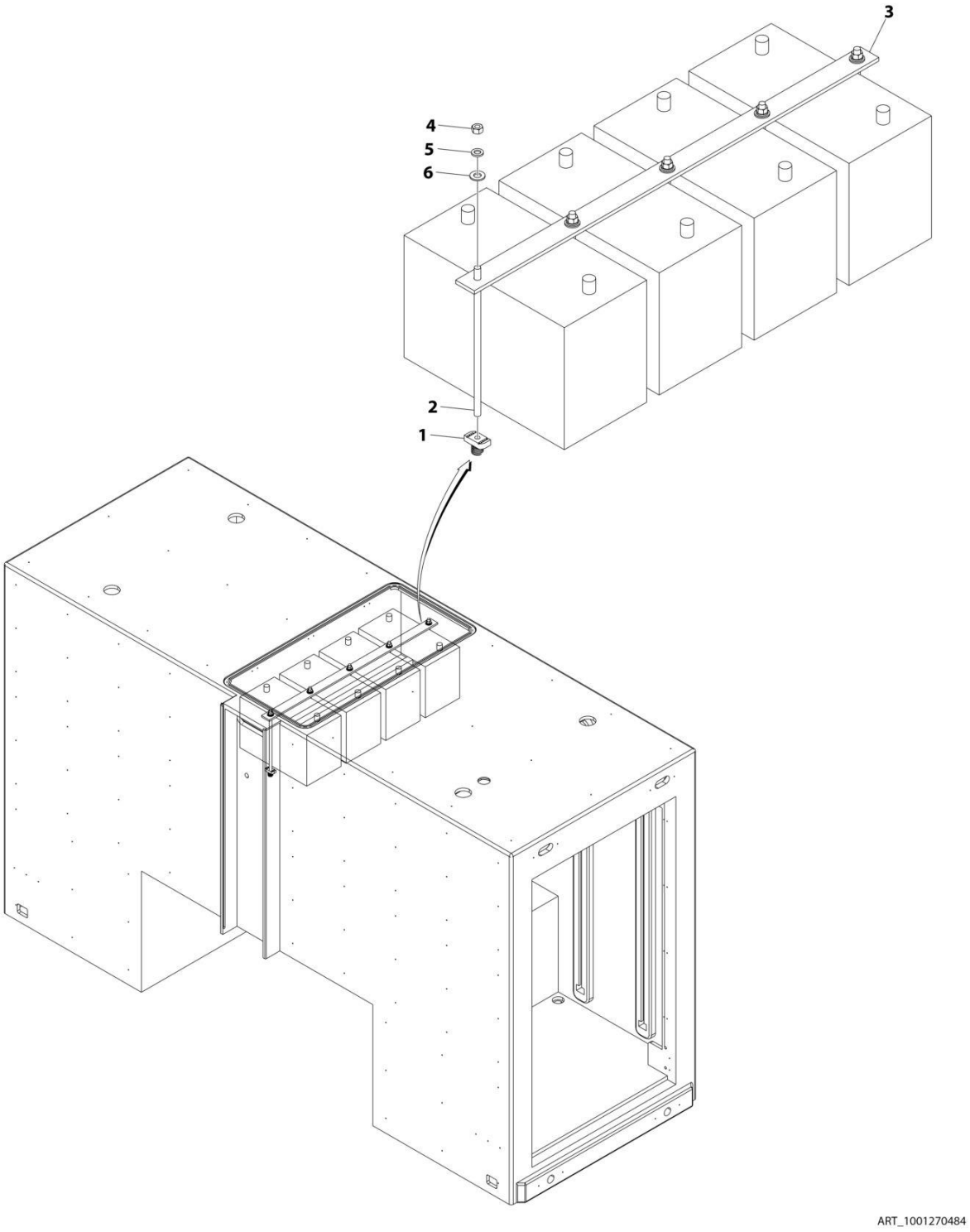
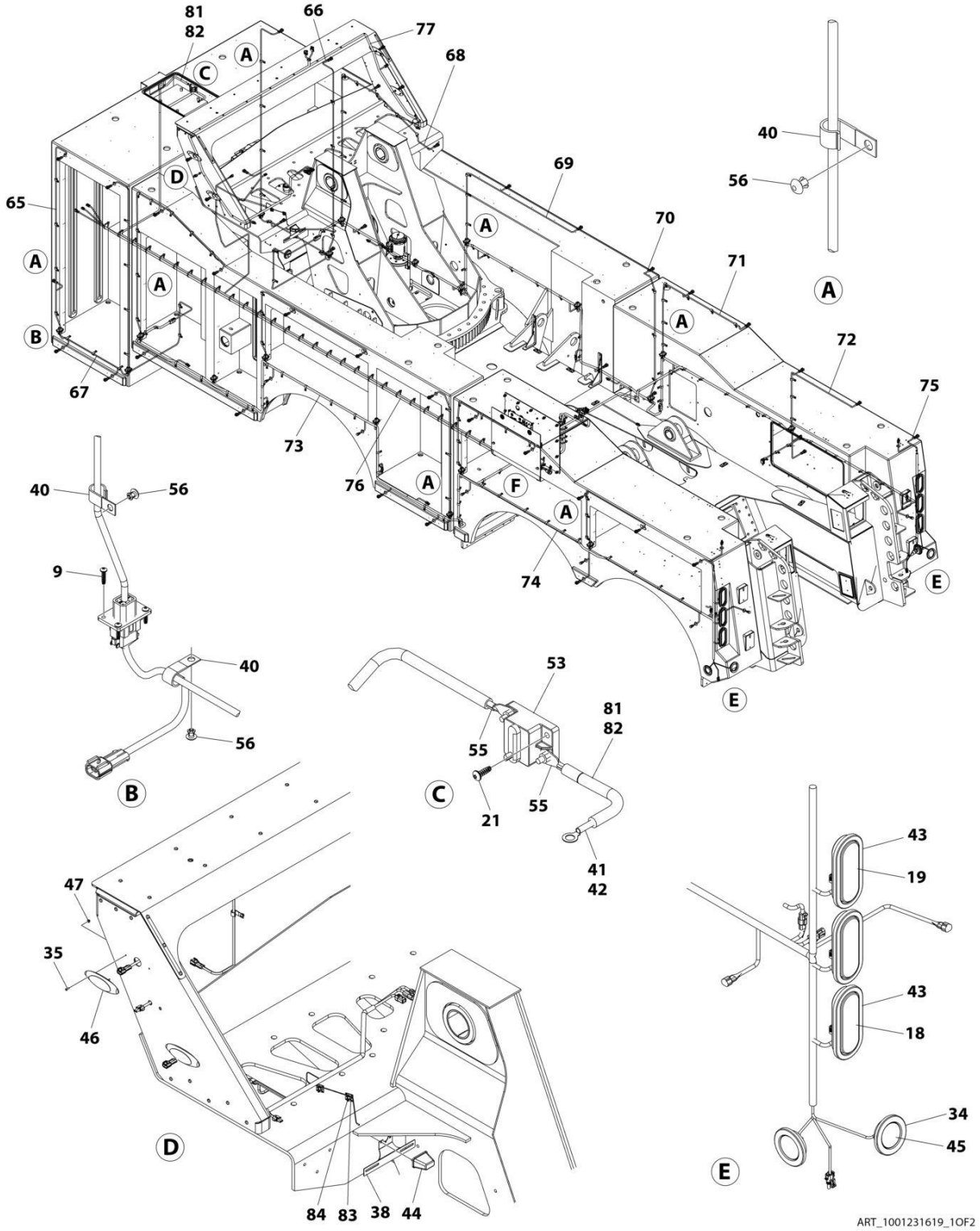


FIGURE 7-8. BATTERY RELOCATION HARDWARE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270484	Ref	BATTERY RELOCATION HARDWARE INSTALLATION	A
1	1001166644	5	Nut 3/8	
2	1001166670	5	Rod	
3	1001183200	1	Bar	
4	7660160000	5	Nut 3/8	
5	7950160000	5	Lockwasher 3/8	
6	7950160153	5	Washer 3/8	

FIGURE 7-9. BODY ELECTRICAL INSTALLATION - JFB 255 - 4SS



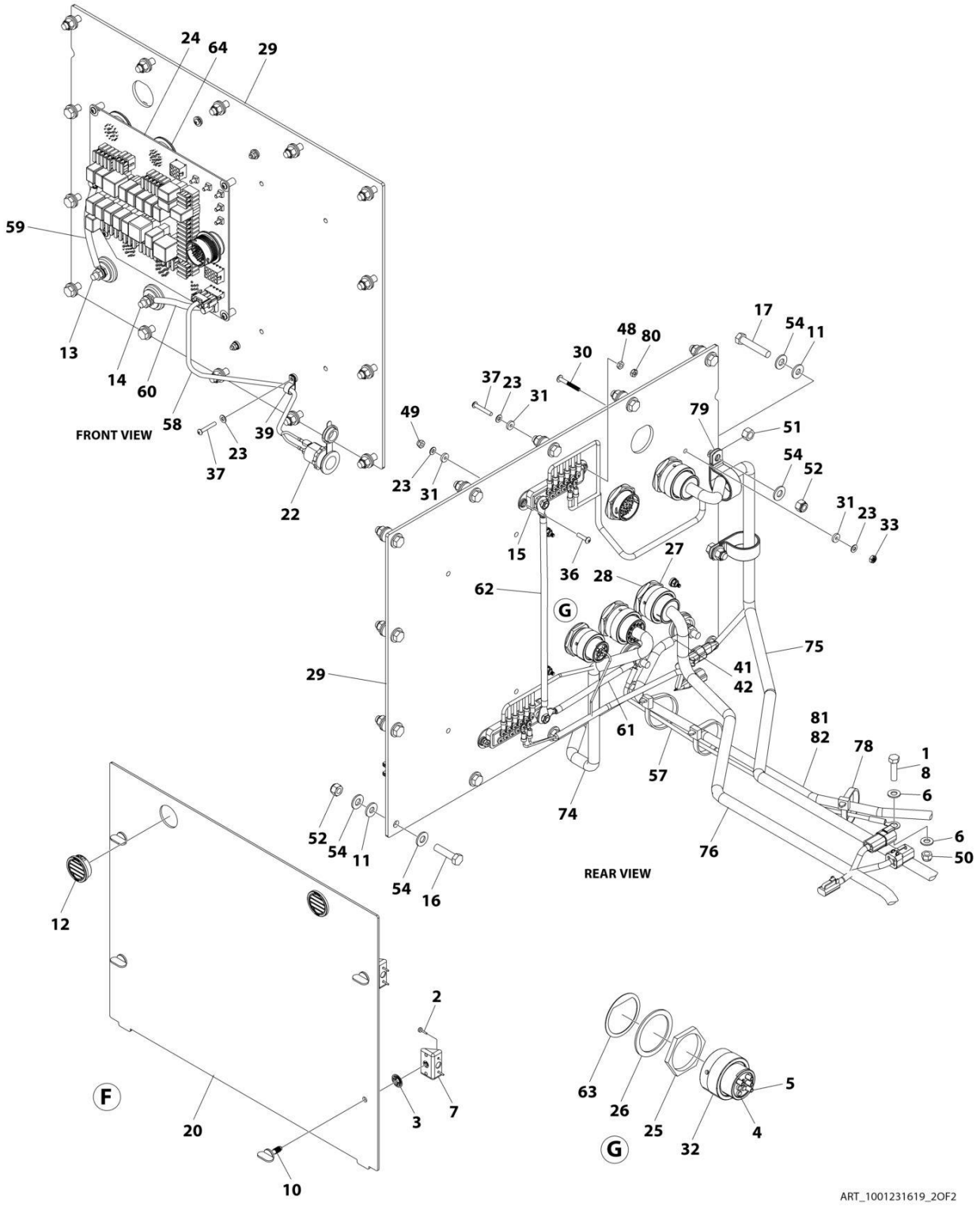
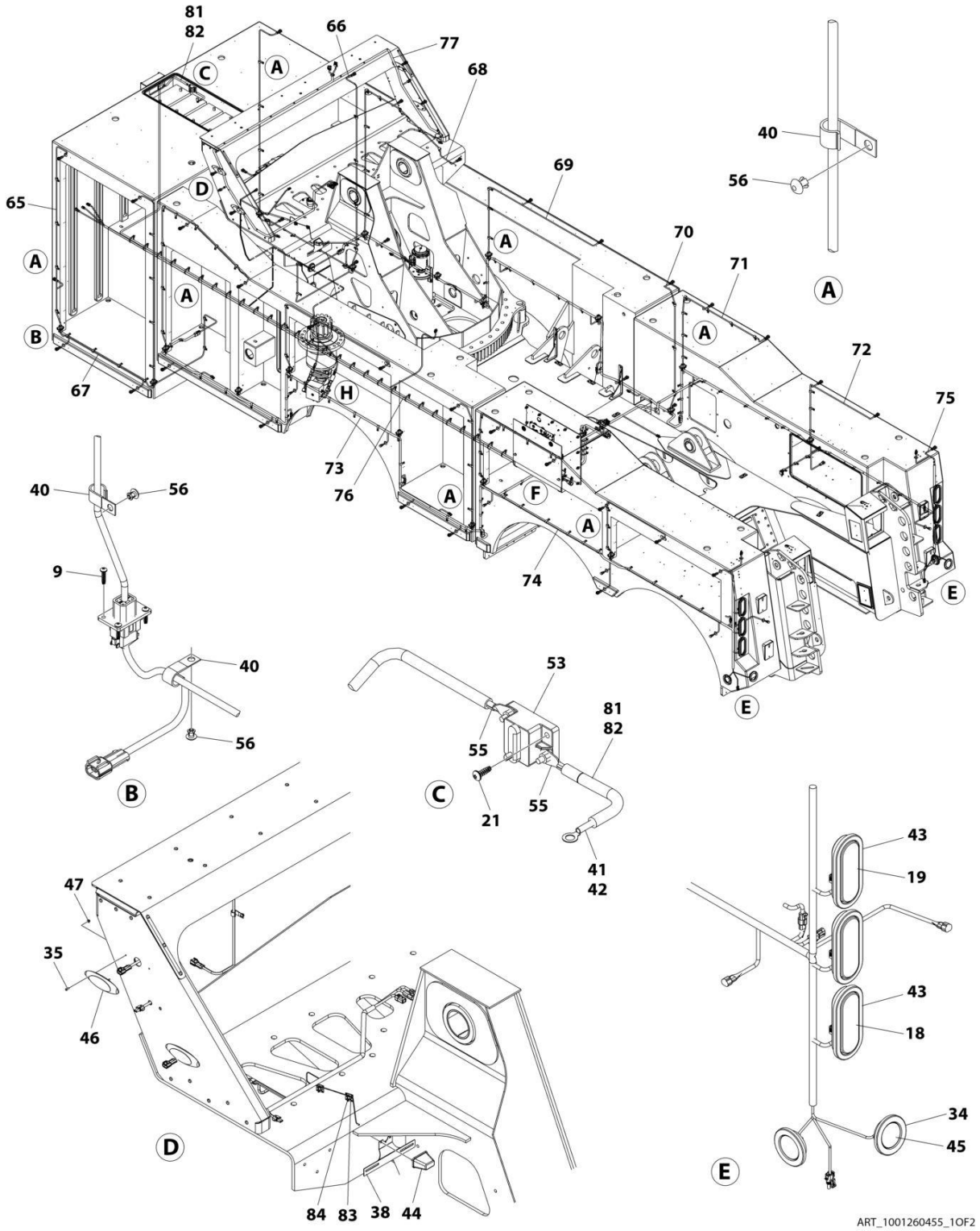

FRONT VIEW
REAR VIEW
ART_1001231619_2OF2

FIGURE 7-9. BODY ELECTRICAL INSTALLATION - JFB 255 - 4SS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231619	NLA	BODY ELECTRICAL INSTALLATION - JFB 255 - 4SS (No longer available, use items 1 through 84 for service or 1001260455 for replacement)	C
1	0641510	2	Bolt 5/16 x 1-1/4	
2	0750604	8	Screw	
3	3760308	4	Ring	
4	4460466	3	Terminal	
5	4460509	4	Electrical Socket	
6	4711500	4	Washer 5/16	
7	1001122235	4	Bracket	
8	1001130310	AR	Adhesive	
9	1001196552	72	Screw #8	
10	1001166930	4	Latch	
11	1001166974	14	Washer 3/8	
12	1001167607	2	Vent Plug	
13	1001168320	1	Terminal	
14	1001168321	1	Terminal	
15	1001168322	2	Terminal	
16	1001168993	12	Bolt 3/8 x 1-1/2	
17	1001169083	2	Bolt 3/8 x 2	
18	1001174680	2	Light	
19	7590000370	4	Lamp	
20	1001191602	1	Panel, Electrical Coverplate	
21	1001194676	2	Screw 1/4 x 3/4	
22	1001201384	1	Socket	
23	1001201926	8	Washer #10	
24	1001203234	1	Elec Assy, Power	
25	1001204788	1	Terminal	
26	1001204789	1	Terminal	
27	1001205043	4	Terminal	
28	1001205044	4	Terminal	
29	1001230207	1	Panel, Bulkhead	
30	1001207734	4	Screw	
31	1001207736	8	Washer #10	
32	1001208066	1	Connector	
33	1001208303	4	Nut #10	
34	1001220431	4	Grommet	
35	7114080418	8	Screw #8 x 1/2	
36	7114100618	2	Screw #10 x 3/4	
37	7114101018	2	Screw #10 x 1-1/4	
38	7178000025	1	Bracket	
39	7274000036	1	Clamp	
40	7280000006	146	Clip	
41	7345242202	2	Terminal	
42	7346000045	AR	Tubing	
43	7493000026	6	Grommet	
44	7590000105	1	Light	
45	1590000343	4	Light	
46	7590000358	4	Light	
47	7660082604	8	Nut #8	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	7660100001	2	Nut	
49	7660102601	2	Nut	
50	7660152601	2	Nut 5/16	
51	7660160001	2	Nut 3/8	
52	7660162601	14	Nut 3/8	
53	7870000043	1	Breaker	
54	7950160143	28	Washer 3/8	
55	1001125479	2	Terminal	
56	1001146735	146	Rivet	
57	1001168328	1	Cable	
58	1001209031	1	Harness, Tow Light	
59	1001209040	1	Cable	
60	1001209041	1	Cable	
61	1001209042	1	Cable	
62	1001209044	1	Cable	
63	1001209365	1	Seal	
64	1001209366	4	Seal	
65	1001229434	2	Harness	
66	1001229447	2	Harness	
67	1001230130	1	Harness	
68	1001229468	2	Harness	
69	1001229476	2	Harness	
70	1001229477	2	Harness	
71	1001229478	2	Harness	
72	1001229519	2	Harness	
73	1001229520	2	Harness	
74	1001229563	1	Harness	
75	1001229564	1	Harness	
76	1001230139	1	Harness	
77	1001229985	1	Harness	
78	5526000553	75	Tie Strap	
79	7274000642	2	Clamp	
80	7661000002	2	Nut	
81	7978000011	40 ft	Loom	
82	8597650001	40 ft	Loom	
83	4460234	2	Terminal	
84	4240032	2	Tie Strap	

FIGURE 7-10. BODY ELECTRICAL INSTALLATION - 264CT - 4SS



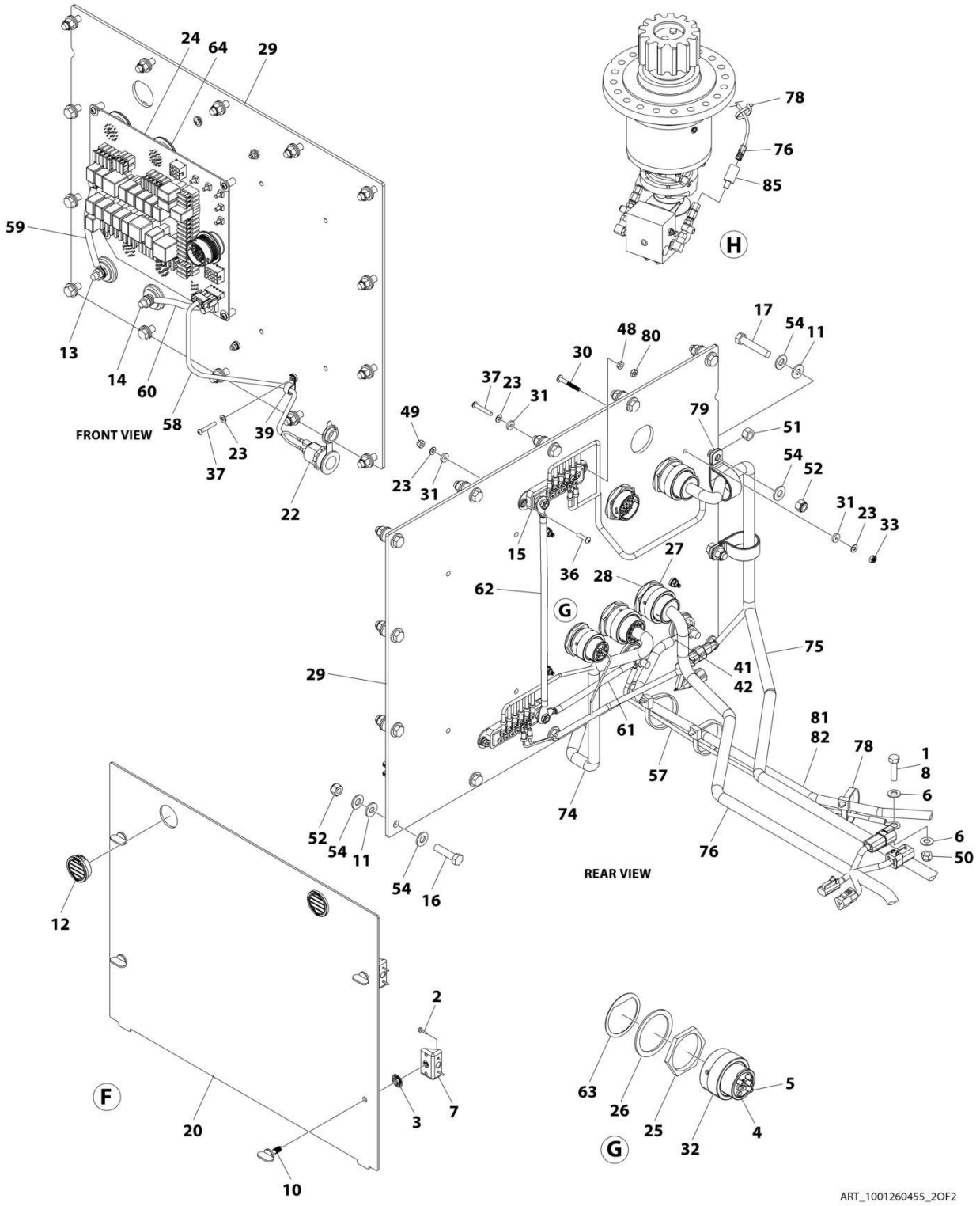
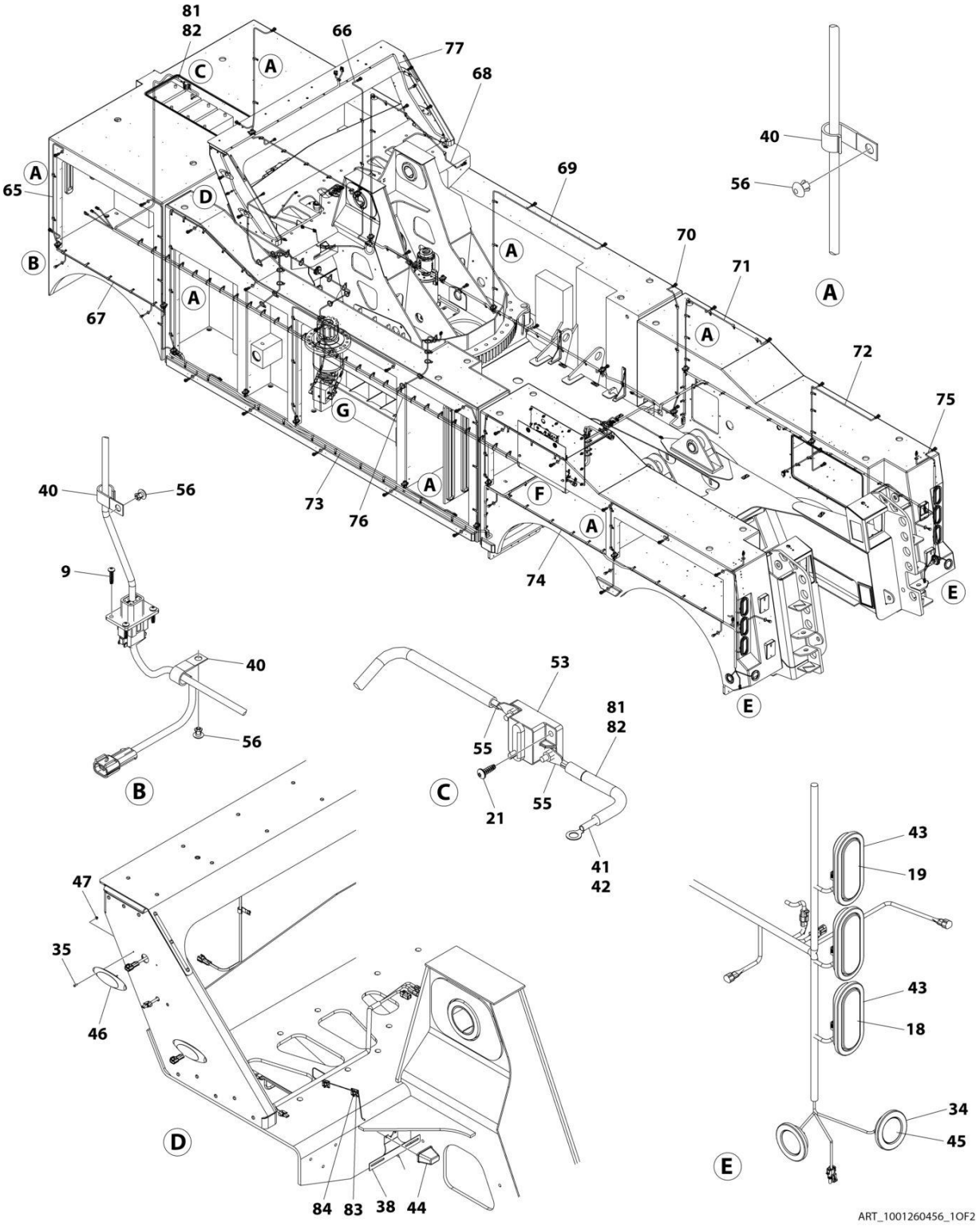

FRONT VIEW
REAR VIEW
ART_1001260455_2OF2

FIGURE 7-10. BODY ELECTRICAL INSTALLATION - 264CT - 4SS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260455	Ref	BODY ELECTRICAL INSTALLATION - 264CT - 4SS	A
1	0641510	2	Bolt 5/16 x 1-1/4	
2	0750604	8	Screw	
3	3760308	4	Ring	
4	4460466	3	Terminal	
5	4460509	4	Electrical Socket	
6	4711500	4	Washer 5/16	
7	1001122235	4	Bracket	
8	1001130310	AR	Adhesive	
9	1001196552	72	Screw #8	
10	1001166930	4	Latch	
11	1001166974	14	Washer 3/8	
12	1001167607	2	Vent Plug	
13	1001168320	1	Terminal	
14	1001168321	1	Terminal	
15	1001168322	2	Terminal	
16	1001168993	12	Bolt 3/8 x 1-1/2	
17	1001169083	2	Bolt 3/8 x 2	
18	1001174680	2	Light	
19	7590000370	4	Lamp	
20	1001191602	1	Panel, Electrical Coverplate	
21	1001194676	2	Screw 1/4 x 3/4	
22	1001201384	1	Socket	
23	1001201926	8	Washer #10	
24	1001203234	1	Elec Assy, Power	
25	1001204788	1	Terminal	
26	1001204789	1	Terminal	
27	1001205043	4	Terminal	
28	1001205044	4	Terminal	
29	1001230207	1	Panel, Bulkhead	
30	1001207734	4	Screw	
31	1001207736	8	Washer #10	
32	1001208066	1	Connector	
33	1001208303	4	Nut #10	
34	1001220431	4	Grommet	
35	7114080418	8	Screw #8 x 1/2	
36	7114100618	2	Screw #10 x 3/4	
37	7114101018	2	Screw #10 x 1-1/4	
38	7178000025	1	Bracket	
39	7274000036	1	Clamp	
40	7280000006	146	Clip	
41	7345242202	2	Terminal	
42	7346000045	AR	Tubing	
43	7493000026	6	Grommet	
44	7590000105	1	Light	
45	1590000343	4	Light	
46	7590000358	4	Light	
47	7660082604	8	Nut #8	
48	7660100001	2	Nut	
49	7660102601	2	Nut	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	7660152601	2	Nut 5/16	
51	7660160001	2	Nut 3/8	
52	7660162601	14	Nut 3/8	
53	7870000043	1	Breaker	
54	7950160143	28	Washer 3/8	
55	1001125479	2	Terminal	
56	1001146735	146	Rivet	
57	1001168328	1	Cable	
58	1001209031	1	Harness, Tow Light	
59	1001209040	1	Cable	
60	1001209041	1	Cable	
61	1001209042	1	Cable	
62	1001209044	1	Cable	
63	1001209365	1	Seal	
64	1001209366	4	Seal	
65	1001229434	2	Harness	
66	1001229447	2	Harness	
67	1001229452	2	Harness	
68	1001229468	2	Harness	
69	1001229476	2	Harness	
70	1001229477	2	Harness	
71	1001229478	2	Harness	
72	1001229519	2	Harness	
73	1001229520	2	Harness	
74	1001229563	1	Harness	
75	1001229564	1	Harness	
76	1001260459	1	Harness	
77	1001229985	1	Harness	
78	5526000553	100	Tie Strap	
79	7274000042	2	Clamp	
80	7661000002	2	Nut	
81	7978000011	40 ft	Loom	
82	8597650001	40 ft	Loom	
83	4460234	2	Terminal	
84	4240032	2	Tie Strap	
85	7346000208	2	Switch	

FIGURE 7-11. BODY ELECTRICAL INSTALLATION - 271CT - 4TS



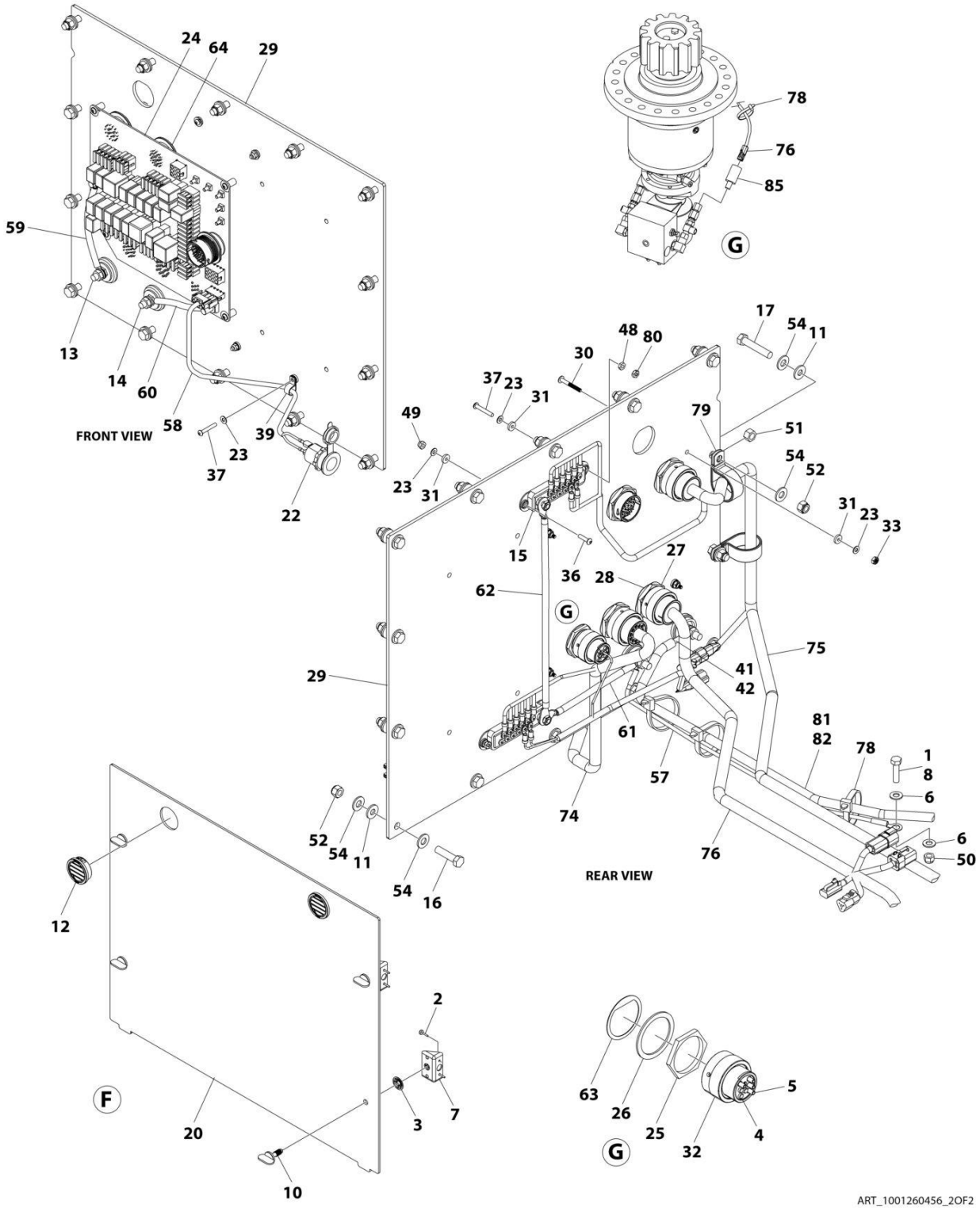
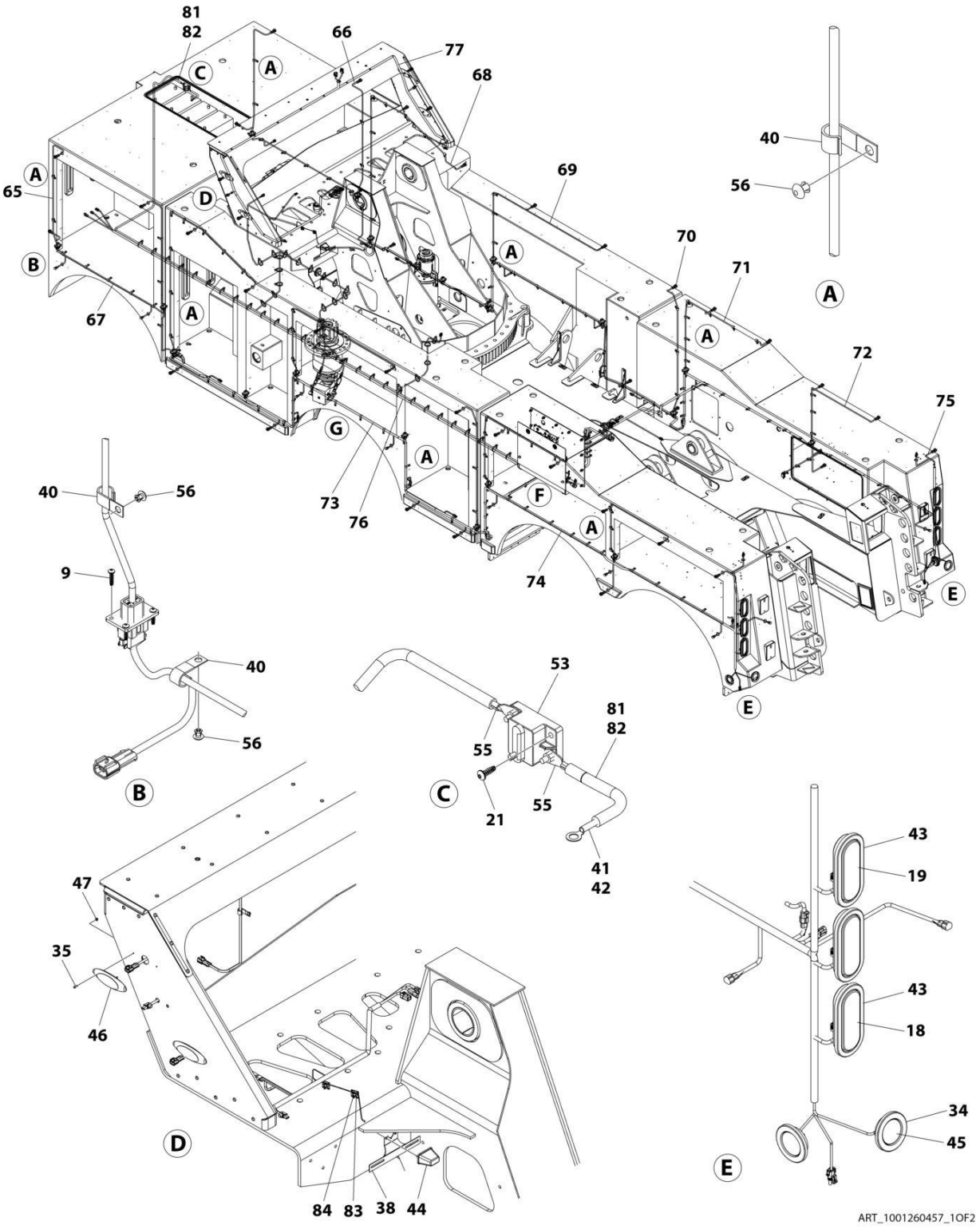

FRONT VIEW
REAR VIEW
ART_1001260456_2OF2

FIGURE 7-11. BODY ELECTRICAL INSTALLATION - 271CT - 4TS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260456	Ref	BODY ELECTRICAL INSTALLATION - 271CT - 4TS	A
1	0641510	2	Bolt 5/16 x 1-1/4	
2	0750604	8	Screw	
3	3760308	4	Ring	
4	4460466	3	Terminal	
5	4460509	4	Electrical Socket	
6	4711500	4	Washer 5/16	
7	1001122235	4	Bracket	
8	1001130310	AR	Adhesive	
9	1001196552	72	Screw #8	
10	1001166930	4	Latch	
11	1001166974	14	Washer 3/8	
12	1001167607	2	Vent Plug	
13	1001168320	1	Terminal	
14	1001168321	1	Terminal	
15	1001168322	2	Terminal	
16	1001168993	12	Bolt 3/8 x 1-1/2	
17	1001169083	2	Bolt 3/8 x 2	
18	1001174680	2	Light	
19	7590000370	4	Lamp	
20	1001191602	1	Panel, Electrical Coverplate	
21	1001194676	2	Screw 1/4 x 3/4	
22	1001201384	1	Socket	
23	1001201926	8	Washer #10	
24	1001203234	1	Elec Assy, Power	
25	1001204788	1	Terminal	
26	1001204789	1	Terminal	
27	1001205043	4	Terminal	
28	1001205044	4	Terminal	
29	1001230207	1	Panel, Bulkhead	
30	1001207734	4	Screw	
31	1001207736	8	Washer #10	
32	1001208066	1	Connector	
33	1001208303	4	Nut #10	
34	1001220431	4	Grommet	
35	7114080418	8	Screw #8 x 1/2	
36	7114100618	2	Screw #10 x 3/4	
37	7114101018	2	Screw #10 x 1-1/4	
38	7178000025	1	Bracket	
39	7274000036	1	Clamp	
40	7280000006	125	Clip	
41	7345242202	2	Terminal	
42	7346000045	AR	Tubing	
43	7493000026	6	Grommet	
44	7590000105	1	Light	
45	1590000343	4	Light	
46	7590000358	4	Light	
47	7660082604	8	Nut #8	
48	7660100001	2	Nut	
49	7660102601	2	Nut	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	7660152601	2	Nut 5/16	
51	7660160001	2	Nut 3/8	
52	7660162601	14	Nut 3/8	
53	7870000043	1	Breaker	
54	7950160143	28	Washer 3/8	
55	1001125479	2	Terminal	
56	1001146735	125	Rivet	
57	1001168328	1	Cable	
58	1001209031	1	Harness, Tow Light	
59	1001209040	1	Cable	
60	1001209041	1	Cable	
61	1001209042	1	Cable	
62	1001209044	1	Cable	
63	1001209365	1	Seal	
64	1001209366	4	Seal	
65	1001230141	2	Harness	
66	1001230142	2	Harness	
67	1001233987	2	Harness	
68	1001229468	2	Harness	
69	1001230159	2	Harness	
70	1001229477	2	Harness	
71	1001229478	2	Harness	
72	1001229519	2	Harness	
73	1001230160	2	Harness	
74	1001229563	1	Harness	
75	1001229564	1	Harness	
76	1001260459	1	Harness	
77	1001229985	1	Harness	
78	5526000553	100	Tie Strap	
79	7274000042	2	Clamp	
80	7661000002	2	Nut	
81	7978000011	40 ft	Loom	
82	8597650001	40 ft	Loom	
83	4460234	2	Terminal	
84	4240032	2	Tie Strap	
85	7346000208	2	Switch	

FIGURE 7-12. BODY ELECTRICAL INSTALLATION - 271CT - 5TS



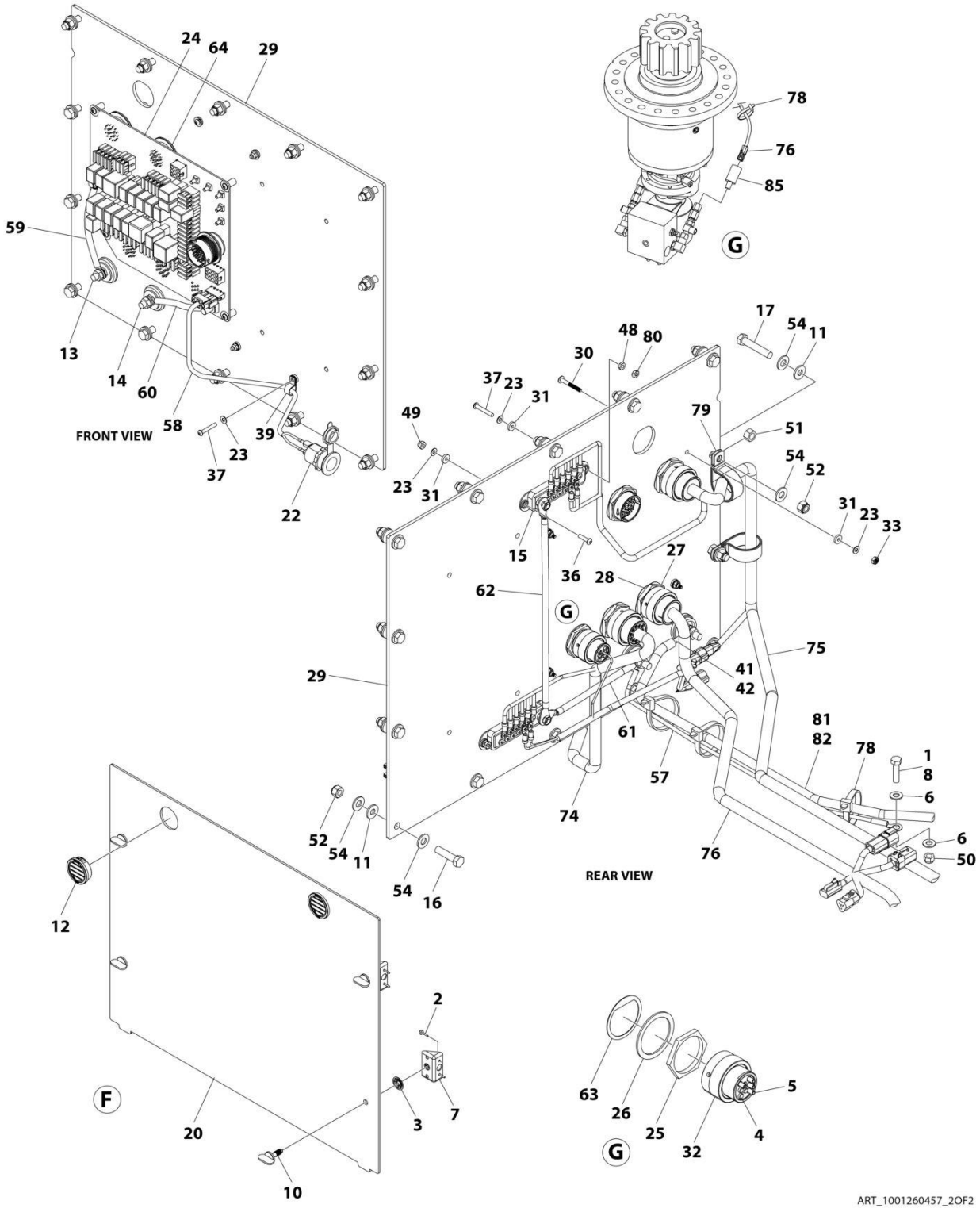
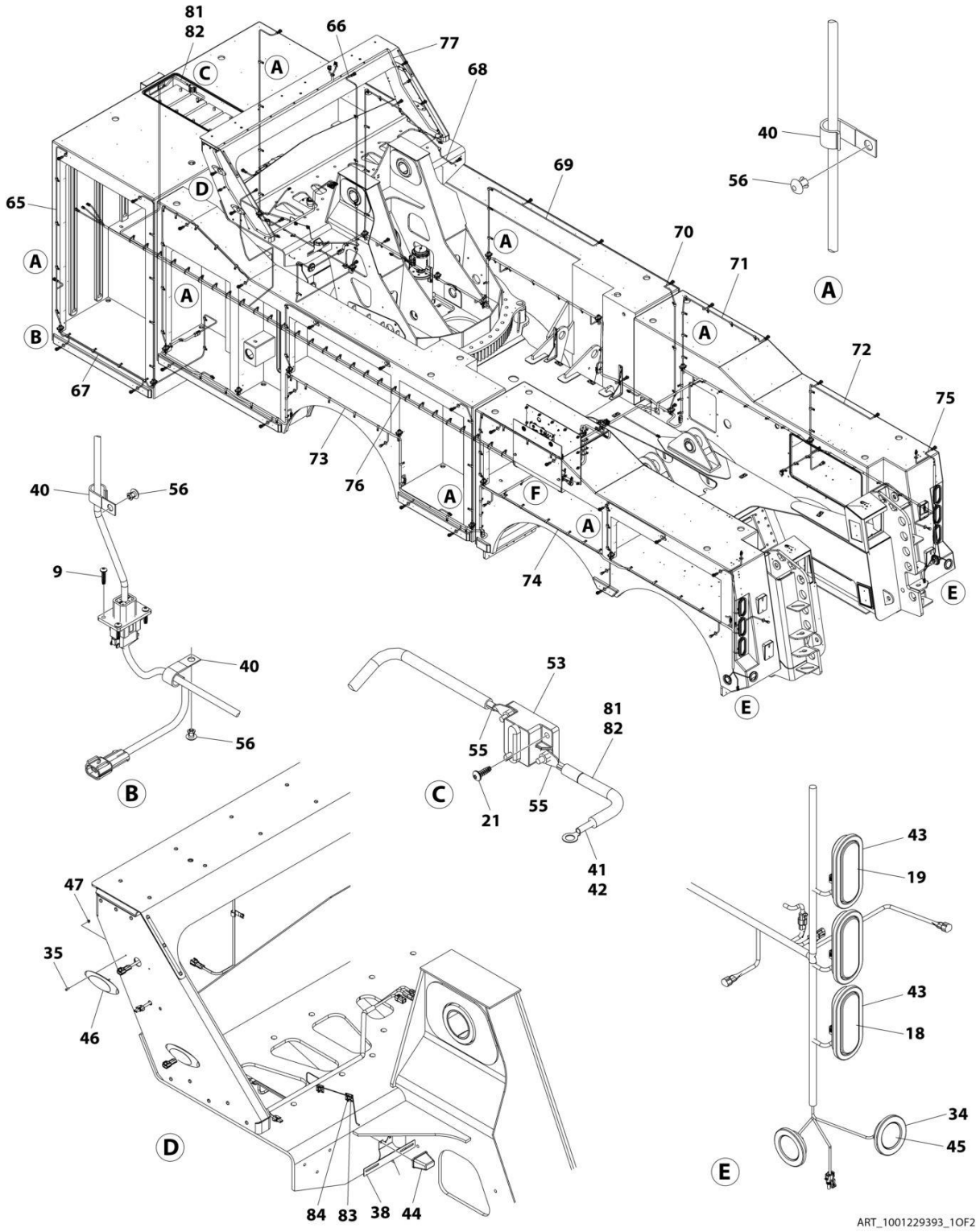

FRONT VIEW
REAR VIEW
ART_1001260457_2OF2

FIGURE 7-12. BODY ELECTRICAL INSTALLATION - 271CT - 5TS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260457	Ref	BODY ELECTRICAL INSTALLATION - 271CT - 5TS	A
1	0641510	2	Bolt 5/16 x 1-1/4	
2	0750604	8	Screw	
3	3760308	4	Ring	
4	4460466	3	Terminal	
5	4460509	4	Electrical Socket	
6	4711500	4	Washer 5/16	
7	1001122235	4	Bracket	
8	1001130310	AR	Adhesive	
9	1001196552	72	Screw #8 x 3/4	
10	1001166930	4	Latch	
11	1001166974	14	Washer 3/8	
12	1001167607	2	Vent Plug	
13	1001168320	1	Terminal	
14	1001168321	1	Terminal	
15	1001168322	2	Terminal	
16	1001168993	12	Bolt 3/8 x 1-1/2	
17	1001169083	2	Bolt 3/8 x 2	
18	1001174680	2	Light	
19	7590000370	4	Lamp	
20	1001191602	1	Panel, Electrical Coverplate	
21	1001194676	2	Screw 1/4 x 3/4	
22	1001201384	1	Socket	
23	1001201926	8	Washer #10	
24	1001203234	1	Elec Assy, Power	
25	1001204788	1	Terminal	
26	1001204789	1	Terminal	
27	1001205043	4	Terminal	
28	1001205044	4	Terminal	
29	1001230207	1	Panel, Bulkhead	
30	1001207734	4	Screw	
31	1001207736	8	Washer #10	
32	1001208066	1	Connector	
33	1001208303	4	Nut #10	
34	1001220431	4	Grommet	
35	7114080418	8	Screw #8 x 1/2	
36	7114100618	2	Screw #10 x 3/4	
37	7114101018	2	Screw #10 x 1-1/4	
38	7178000025	1	Bracket	
39	7274000036	1	Clamp	
40	7280000006	138	Clip	
41	7345242202	2	Terminal	
42	7346000045	AR	Tubing	
43	7493000026	6	Grommet	
44	7590000105	1	Light	
45	1590000343	4	Light	
46	7590000358	4	Light	
47	7660082604	8	Nut #8	
48	7660100001	2	Nut	
49	7660102601	2	Nut	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	7660152601	2	Nut 5/16	
51	7660160001	2	Nut 3/8	
52	7660162601	14	Nut 3/8	
53	7870000043	1	Breaker	
54	7950160143	28	Washer 3/8	
55	1001125479	2	Terminal	
56	1001146735	138	Rivet	
57	1001168328	1	Cable	
58	1001209031	1	Harness, Tow Light	
59	1001209040	1	Cable	
60	1001209041	1	Cable	
61	1001209042	1	Cable	
62	1001209044	1	Cable	
63	1001209365	1	Seal	
64	1001209366	4	Seal	
65	1001230141	2	Harness	
66	1001230142	2	Harness	
67	1001233987	2	Harness	
68	1001229468	2	Harness	
69	1001229476	1	Harness	
70	1001229477	2	Harness	
71	1001229478	2	Harness	
72	1001229519	2	Harness	
73	1001230162	1	Harness	
74	1001229563	1	Harness	
75	1001229564	1	Harness	
76	1001260459	1	Harness	
77	1001229985	1	Harness	
78	5526000553	100	Tie Strap	
79	7274000042	2	Clamp	
80	7661000002	2	Nut	
81	7978000011	40 ft	Loom	
82	8597650001	40 ft	Loom	
83	4460234	2	Terminal	
84	4240032	2	Tie Strap	
85	7346000208	2	Switch	

FIGURE 7-13. BODY ELECTRICAL INSTALLATION - JFB 267 - 4SS



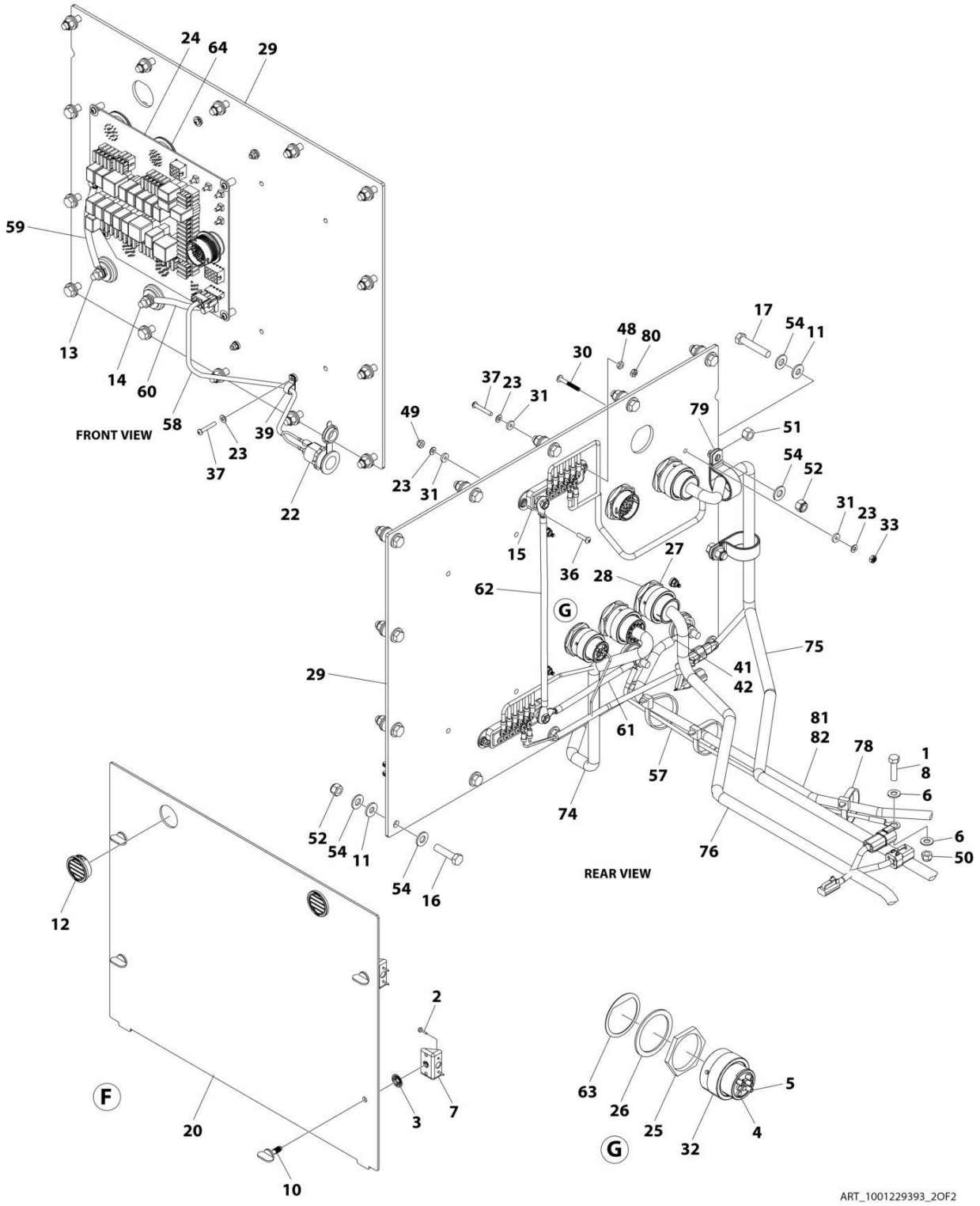
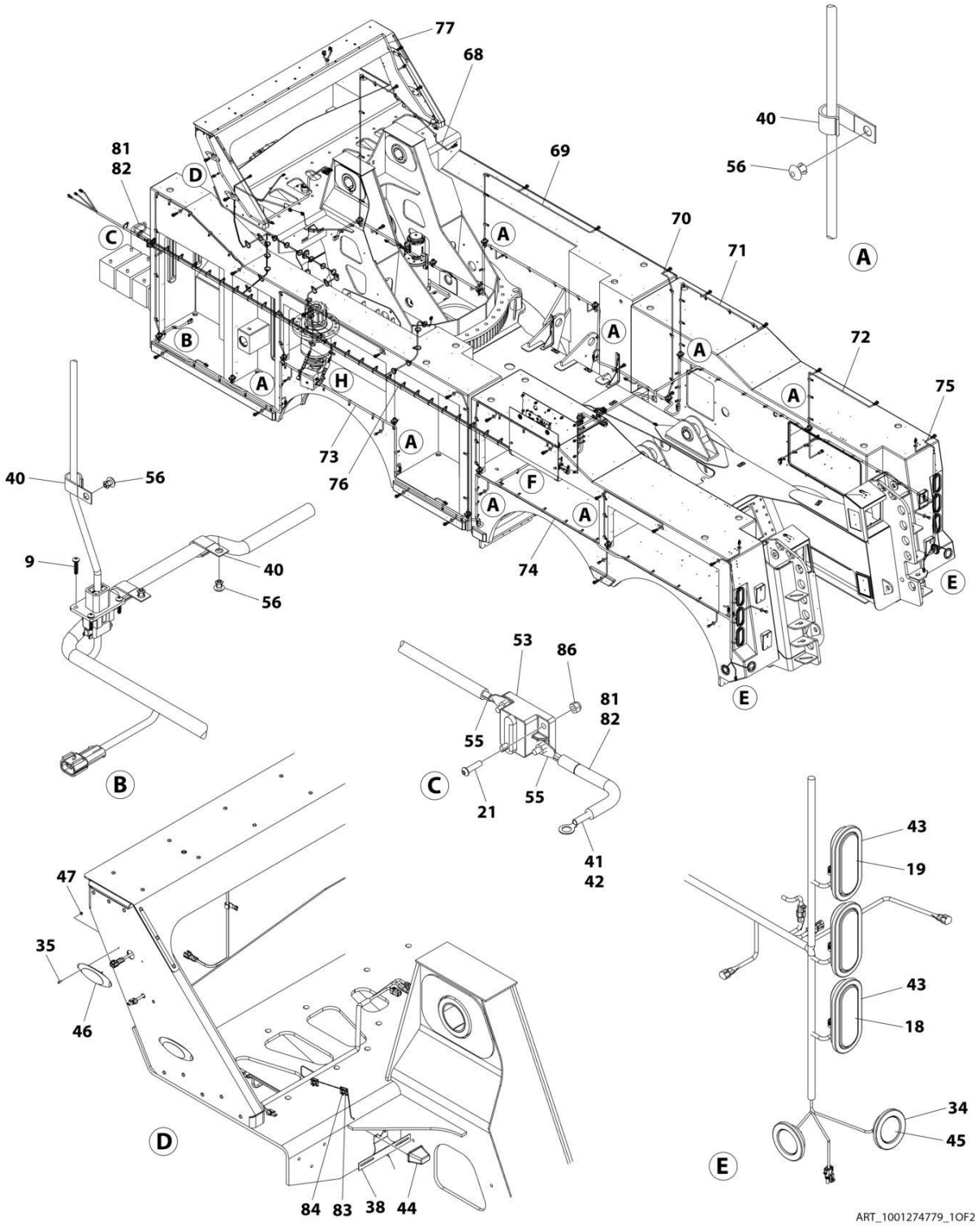

FRONT VIEW
REAR VIEW
ART_1001229393_2OF2

FIGURE 7-13. BODY ELECTRICAL INSTALLATION - JFB 267 - 4SS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229393	NLA	BODY ELECTRICAL INSTALLATION - JFB 267 - 4SS (No longer available, use items 1 through 84 for service or 1001260455 for replacement)	C
1	0641510	2	Bolt 5/16 x 1-1/4	
2	0750604	8	Screw	
3	3760308	4	Ring	
4	4460466	3	Terminal	
5	4460509	4	Electrical Socket	
6	4711500	4	Washer 5/16	
7	1001122235	4	Bracket	
8	1001130310	AR	Adhesive	
9	1001196552	72	Screw #8	
10	1001166930	4	Latch	
11	1001166974	14	Washer 3/8	
12	1001167607	2	Vent Plug	
13	1001168320	1	Terminal	
14	1001168321	1	Terminal	
15	1001168322	2	Terminal	
16	1001168993	12	Bolt 3/8 x 1-1/2	
17	1001169083	2	Bolt 3/8 x 2	
18	1001174680	2	Light	
19	7590000370	4	Lamp	
20	1001191602	1	Panel, Electrical Coverplate	
21	1001194676	2	Screw 1/4 x 3/4	
22	1001201384	1	Socket	
23	1001201926	8	Washer #10	
24	1001203234	1	Elec Assy, Power	
25	1001204788	1	Terminal	
26	1001204789	1	Terminal	
27	1001205043	4	Terminal	
28	1001205044	4	Terminal	
29	1001230207	1	Panel, Bulkhead	
30	1001207734	4	Screw	
31	1001207736	8	Washer #10	
32	1001208066	1	Connector	
33	1001208303	4	Nut #10	
34	1001220431	4	Grommet	
35	7114080418	8	Screw #8 x 1/2	
36	7114100618	2	Screw #10 x 3/4	
37	7114101018	2	Screw #10 x 1-1/4	
38	7178000025	1	Bracket	
39	7274000036	1	Clamp	
40	7280000006	146	Clip	
41	7345242202	2	Terminal	
42	7346000045	AR	Tubing	
43	7493000026	6	Grommet	
44	7590000105	1	Light	
45	1590000343	4	Light	
46	7590000358	4	Light	
47	7660082604	8	Nut #8	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	7660100001	2	Nut	
49	7660102601	2	Nut	
50	7660152601	2	Nut 5/16	
51	7660160001	2	Nut 3/8	
52	7660162601	14	Nut 3/8	
53	7870000043	1	Breaker	
54	7950160143	28	Washer 3/8	
55	1001125479	2	Terminal	
56	1001146735	146	Rivet	
57	1001168328	1	Cable	
58	1001209031	1	Harness, Tow Light	
59	1001209040	1	Cable	
60	1001209041	1	Cable	
61	1001209042	1	Cable	
62	1001209044	1	Cable	
63	1001209365	1	Seal	
64	1001209366	4	Seal	
65	1001229434	2	Harness	
66	1001229447	2	Harness	
67	1001229452	2	Harness	
68	1001229468	2	Harness	
69	1001229476	2	Harness	
70	1001229477	2	Harness	
71	1001229478	2	Harness	
72	1001229519	2	Harness	
73	1001229520	2	Harness	
74	1001229563	1	Harness	
75	1001229564	1	Harness	
76	1001229902	1	Harness	
77	1001229985	1	Harness	
78	5526000553	75	Tie Strap	
79	7274000642	2	Clamp	
80	7661000002	2	Nut	
81	7978000011	40 ft	Loom	
82	8597650001	40 ft	Loom	
83	4460234	2	Terminal	
84	4240032	2	Tie Strap	

FIGURE 7-14. BODY ELECTRICAL INSTALLATION - 212CT



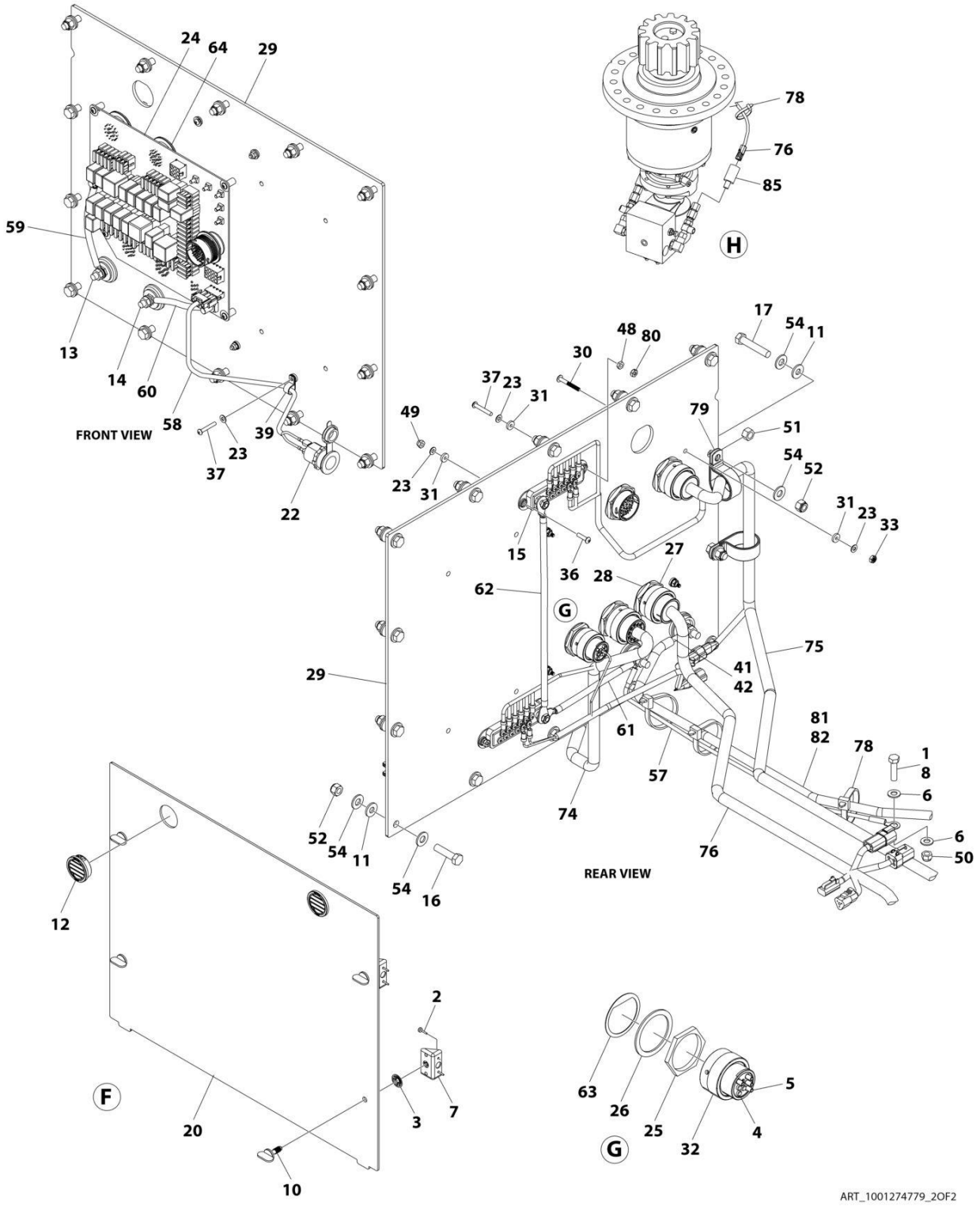
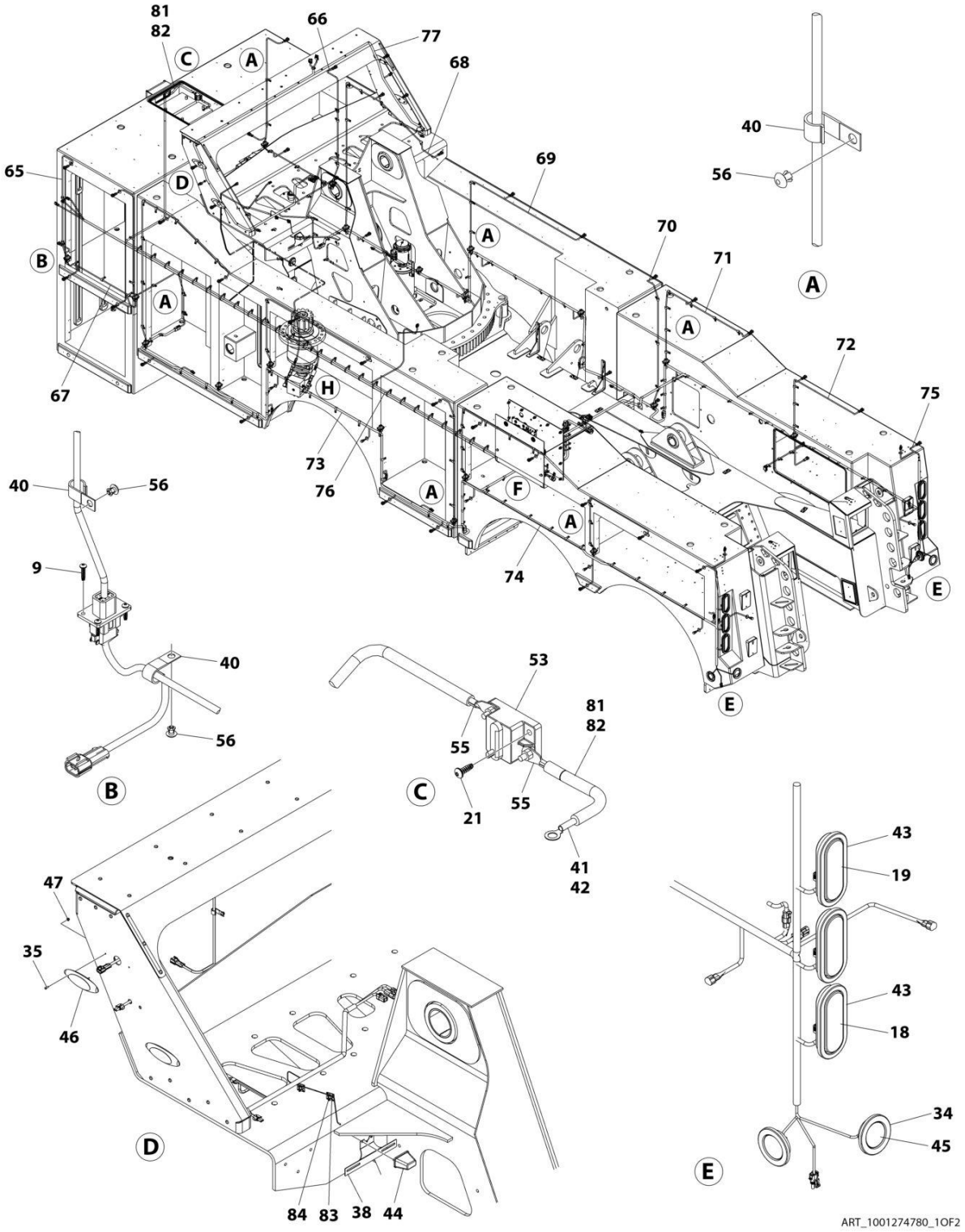

FRONT VIEW
REAR VIEW
ART_1001274779_2OF2

FIGURE 7-14. BODY ELECTRICAL INSTALLATION - 212CT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274779	Ref	BODY ELECTRICAL INSTALLATION - 212CT	A
1	0641510	2	Bolt 5/16 x 1-1/4	
2	0750604	8	Screw	
3	3760308	4	Ring	
4	4460466	3	Terminal	
5	4460509	4	Electrical Socket	
6	4711500	4	Washer 5/16	
7	1001122235	4	Bracket	
8	1001130310	AR	Adhesive	
9	1001196552	56	Screw #8	
10	1001166930	4	Latch	
11	1001166974	14	Washer 3/8	
12	1001167607	2	Vent Plug	
13	1001168320	1	Terminal	
14	1001168321	1	Terminal	
15	1001168322	2	Terminal	
16	1001168993	12	Bolt 3/8 x 1-1/2	
17	1001169083	2	Bolt 3/8 x 2	
18	1001174680	2	Light	
19	7590000370	4	Lamp	
20	1001191602	1	Panel, Electrical Coverplate	
21	7114140818	2	Capscrew 1/4 x 1	
22	1001201384	1	Socket	
23	1001201926	8	Washer #10	
24	1001203234	1	Elec Assy, Power	
25	1001204788	1	Terminal	
26	1001204789	1	Terminal	
27	1001205043	4	Terminal	
28	1001205044	4	Terminal	
29	1001230207	1	Panel, Bulkhead	
30	1001207734	4	Screw	
31	1001207736	8	Washer #10	
32	1001208066	1	Connector	
33	1001208303	4	Nut #10	
34	1001220431	4	Grommet	
35	7114080418	8	Sscrew #8 x 1/2	
36	7114100618	2	Screw #10 x 3/4	
37	7114101018	2	Screw #10 x 1-1/4	
38	7178000025	1	Bracket	
39	7274000036	1	Clamp	
40	7280000006	118	Clip	
41	7345242202	2	Terminal	
42	7346000045	AR	Tubing	
43	7493000026	6	Grommet	
44	7590000105	1	Light	
45	1590000343	4	Light	
46	7590000358	4	Light	
47	7660082604	8	Nut #8	
48	7660100001	2	Nut	
49	7660102601	2	Nut	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	7660152601	2	Nut 5/16	
51	7660160001	2	Nut 3/8	
52	7660162601	14	Nut 3/8	
53	7870000043	1	Breaker	
54	7950160143	28	Washer 3/8	
55	1001125479	2	Terminal	
56	1001146735	118	Rivet	
57	1001168328	1	Cable	
58	1001209031	1	Harness, Tow Light	
59	1001209040	1	Cable	
60	1001209041	1	Cable	
61	1001209042	1	Cable	
62	1001209044	1	Cable	
63	1001209365	1	Seal	
64	1001209366	4	Seal	
68	1001229468	2	Harness	
69	1001229476	2	Harness	
70	1001229477	2	Harness	
71	1001229478	2	Harness	
72	1001229519	2	Harness	
73	1001229520	2	Harness	
74	1001229563	1	Harness	
75	1001229564	1	Harness	
76	1001260459	1	Harness	
77	1001229985	1	Harness	
78	5526000553	100	Tie Strap	
79	7274000042	2	Clamp	
80	7661000002	2	Nut	
81	7978000011	40 ft	Loom	
82	8597650001	40 ft	Loom	
83	4460234	2	Terminal	
84	4240032	2	Tie Strap	
85	7346000208	2	Switch	
86	7660142601	2	Nut 1/4	

FIGURE 7-15. BODY ELECTRICAL INSTALLATION - 252CT



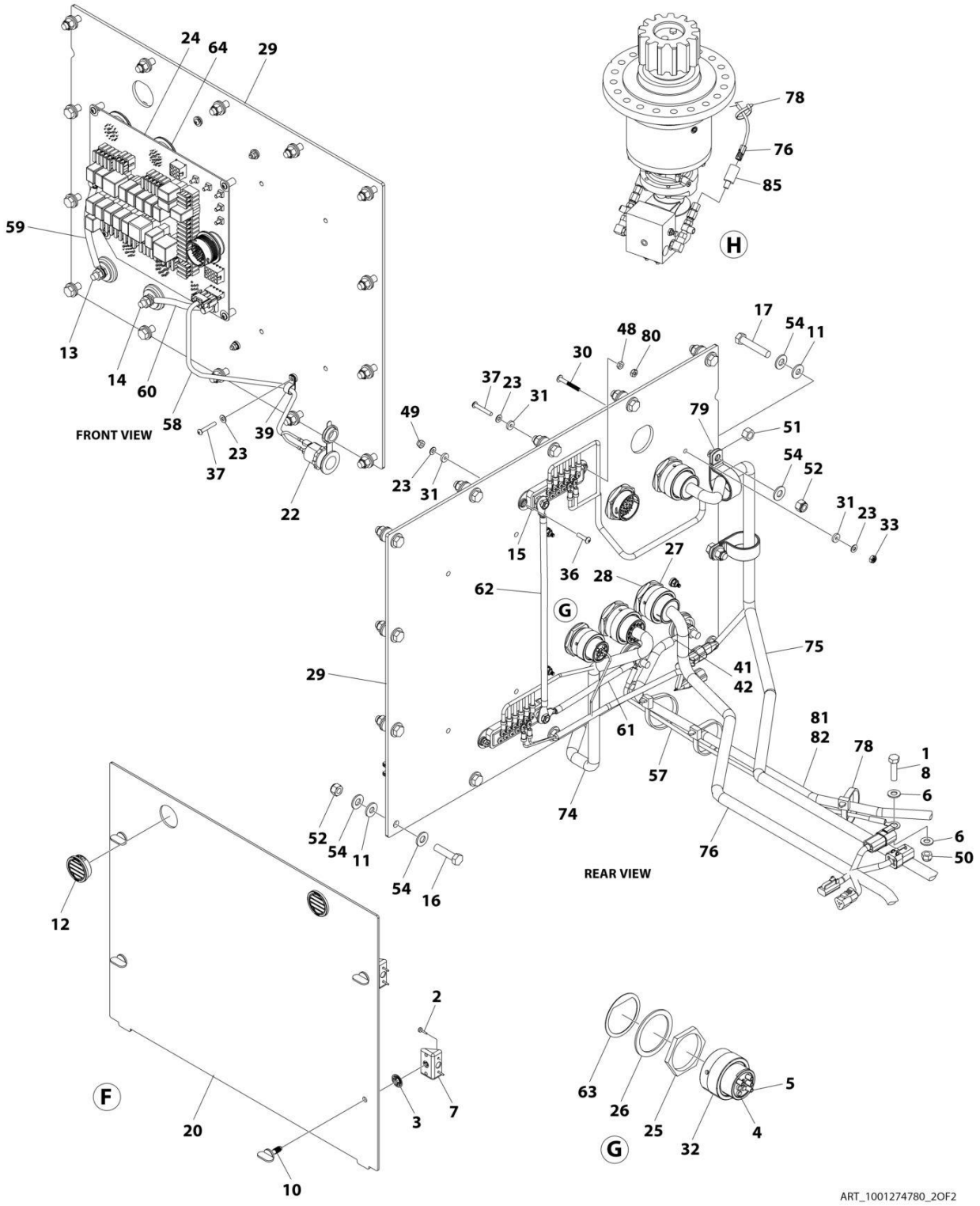

FRONT VIEW
REAR VIEW
ART_1001274780_2OF2

FIGURE 7-15. BODY ELECTRICAL INSTALLATION - 252CT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001274780	Ref	BODY ELECTRICAL INSTALLATION - 252CT	A
1	0641510	2	Bolt 5/16 x 1-1/4	
2	0750604	8	Screw	
3	3760308	4	Ring	
4	4460466	3	Terminal	
5	4460509	4	Electrical Socket	
6	4711500	4	Washer 5/16	
7	1001122235	4	Bracket	
8	1001130310	AR	Adhesive	
9	1001196552	72	Screw #8 x 3/4	
10	1001166930	4	Latch	
11	1001166974	14	Washer 3/8	
12	1001167607	2	Vent Plug	
13	1001168320	1	Terminal	
14	1001168321	1	Terminal	
15	1001168322	2	Terminal	
16	1001168993	12	Bolt 3/8 x 1-1/2	
17	1001169083	2	Bolt 3/8 x 2	
18	1001174680	2	Light	
19	7590000370	4	Lamp	
20	1001191602	1	Panel, Electrical Coverplate	
21	1001194676	2	Screw 1/4 x 3/4	
22	1001201384	1	Socket	
23	1001201926	8	Washer #10	
24	1001203234	1	Elec Assy, Power	
25	1001204788	1	Terminal	
26	1001204789	1	Terminal	
27	1001205043	4	Terminal	
28	1001205044	4	Terminal	
29	1001230207	1	Panel, Bulkhead	
30	1001207734	4	Screw	
31	1001207736	8	Washer #10	
32	1001208066	1	Connector	
33	1001208303	4	Nut #10	
34	1001220431	4	Grommet	
35	7114080418	8	Screw #8 x 1/2	
36	7114100618	2	Screw #10 x 3/4	
37	7114101018	2	Screw #10 x 1-1/4	
38	7178000025	1	Bracket	
39	7274000036	1	Clamp	
40	7280000006	140	Clip	
41	7345242202	2	Terminal	
42	7346000045	AR	Tubing	
43	7493000026	6	Grommet	
44	7590000105	1	Light	
45	1590000343	4	Light	
46	7590000358	4	Light	
47	7660082604	8	Nut #8	
48	7660100001	2	Nut	
49	7660102601	2	Nut	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	7660152601	2	Nut 5/16	
51	7660160001	2	Nut 3/8	
52	7660162601	14	Nut 3/8	
53	7870000043	1	Breaker	
54	7950160143	28	Washer 3/8	
55	1001125479	2	Terminal	
56	1001146735	140	Rivet	
57	1001168328	1	Cable	
58	1001209031	1	Harness, Tow Light	
59	1001209040	1	Cable	
60	1001209041	1	Cable	
61	1001209042	1	Cable	
62	1001209044	1	Cable	
63	1001209365	1	Seal	
64	1001209366	4	Seal	
65	1001230141	2	Harness	
66	1001230142	2	Harness	
67	1001230130	2	Harness	
68	1001229468	2	Harness	
69	1001229476	2	Harness	
70	1001229477	2	Harness	
71	1001229478	2	Harness	
72	1001229519	2	Harness	
73	1001229520	2	Harness	
74	1001229563	1	Harness	
75	1001229564	1	Harness	
76	1001260459	1	Harness	
77	1001229985	1	Harness	
78	5526000553	100	Tie Strap	
79	7274000042	2	Clamp	
80	7661000002	2	Nut	
81	7978000011	40 ft	Loom	
82	8597650001	40 ft	Loom	
83	4460234	2	Terminal	
84	4240032	2	Tie Strap	
85	7346000208	2	Switch	

FIGURE 7-16. CAMERA INSTALLATION - BACKUP

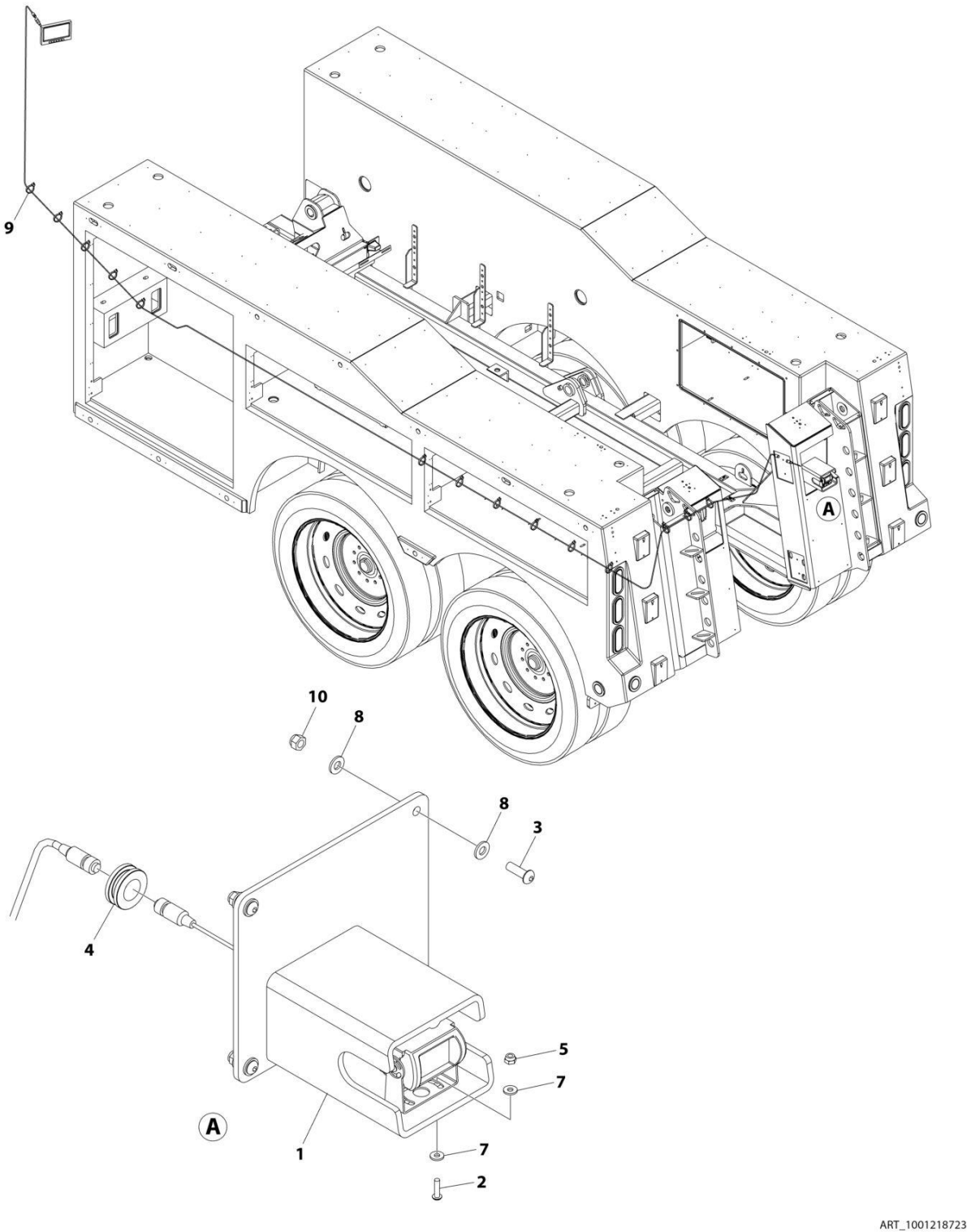


FIGURE 7-16. CAMERA INSTALLATION - BACKUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001218723	Ref	Back-Up Camera Installation	A
1	3178000547	1	Bracket	
2	7114100618	2	Capscrew #10 x 3/4	
3	7114150818	4	Capscrew 5/16 x 1	
4	7493000003	1	Grommet	
5	7660102601	2	Nut #10	
7	7950100143	4	Washer 3/16	
8	7950150143	8	Washer 5/16	
9	5526000553	30	Tie Strap	
10	7660152601	4	Nut 5/16	

FIGURE 7-17. CAMERA INSTALLATION - BACKUP (PACCAR)

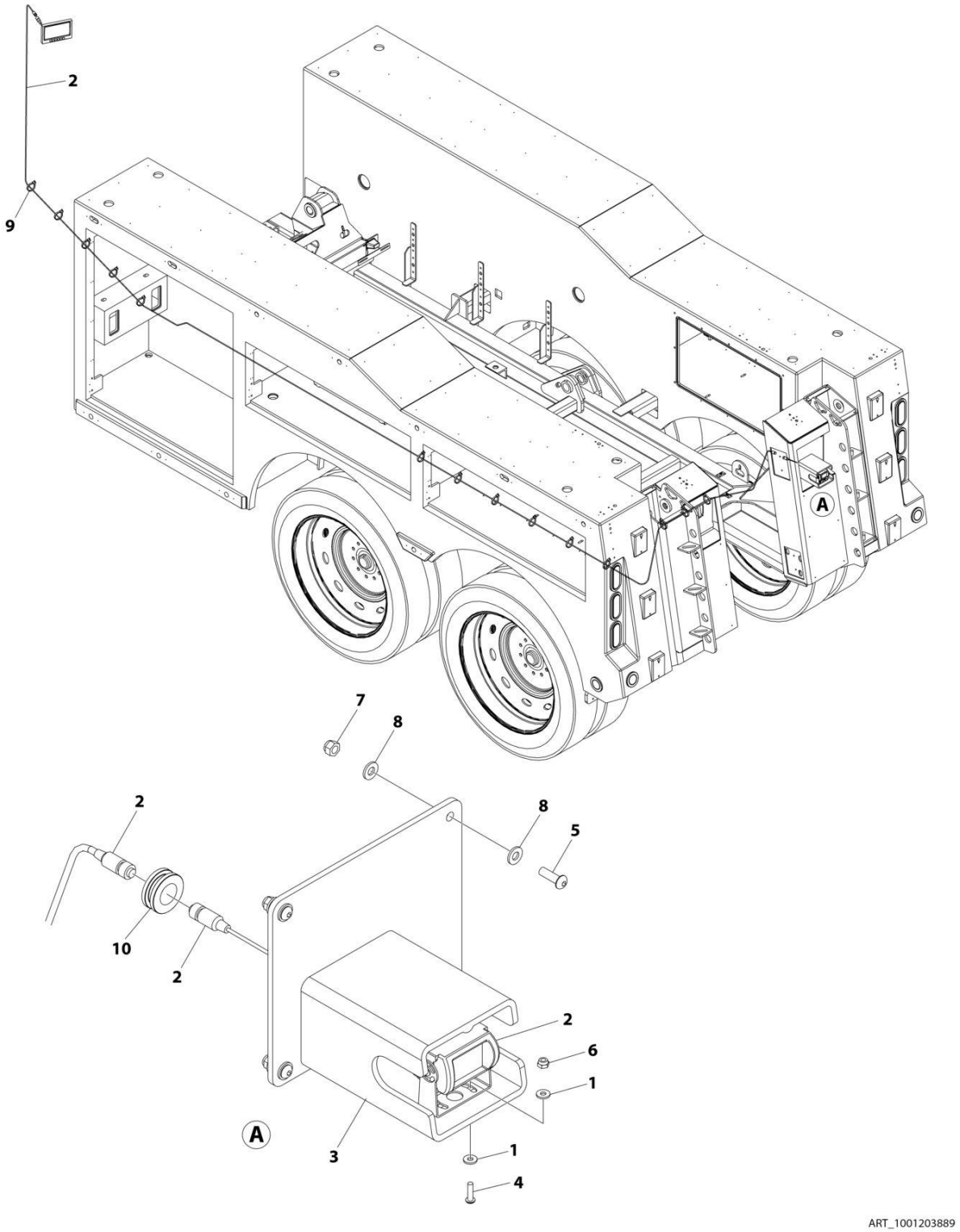


FIGURE 7-17. CAMERA INSTALLATION - BACKUP (PACCAR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203889	Ref	Back-Up Camera Paccar Installation	C
1	7950100143	4	Washer 3/16	
2	1001204558	1	Accessory, Back-Up Camera Kit	
3	3178000547	1	Bracket	
4	7114100618	2	Capscrew #10 x 3/4	
5	7114150818	4	Capscrew 5/16 x 1	
6	7660102601	2	Nut #10	
7	7660152601	4	Nut 5/16	
8	7950150143	8	Washer 5/16	
9	5526000553	30	Tie Strap	
10	7493000003	1	Grommet	

FIGURE 7-18. CAMERA SPADE CAB MOUNT INSTALLATION - BACK UP

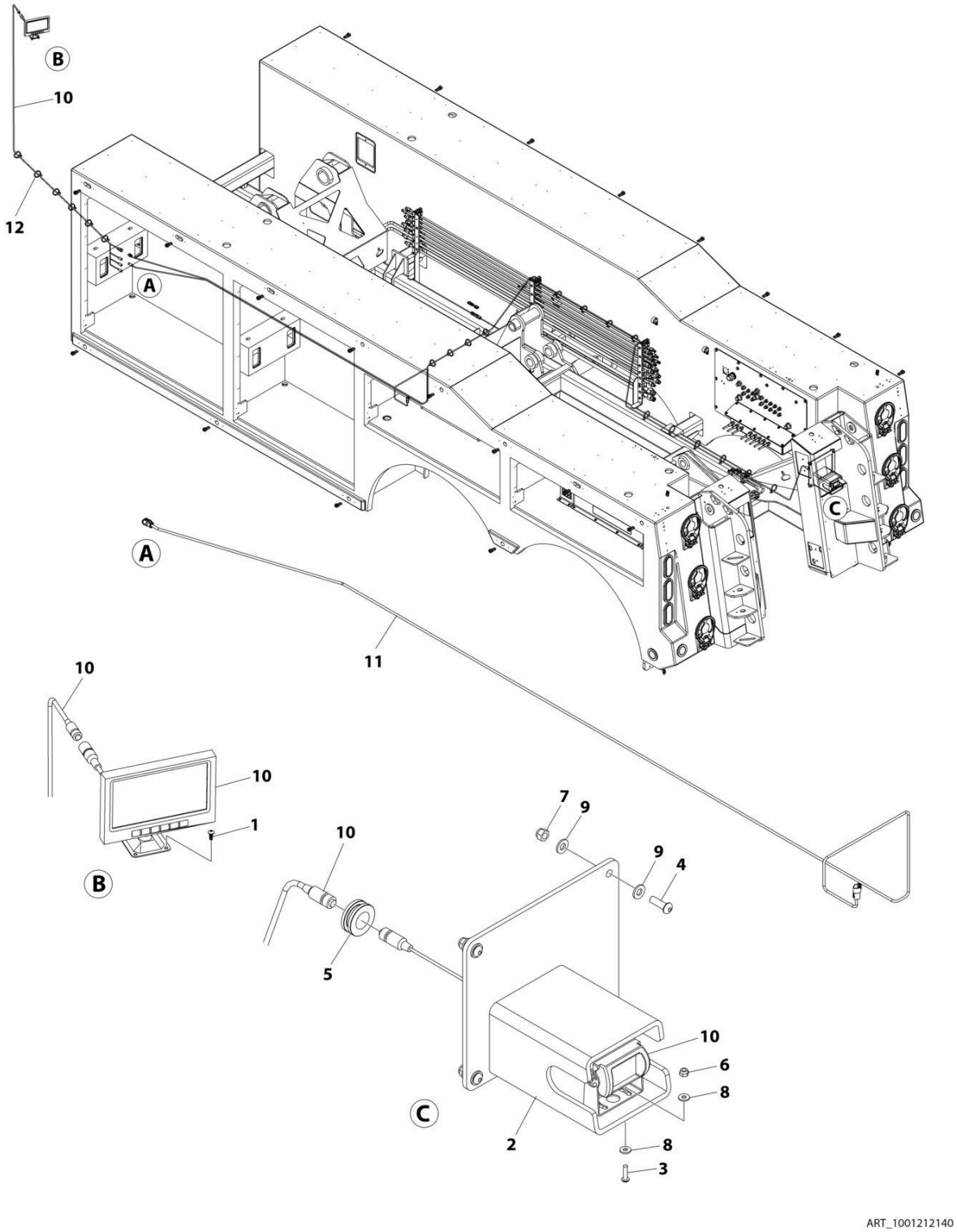


FIGURE 7-18. CAMERA SPADE CAB MOUNT INSTALLATION - BACK UP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212140	Ref	Back-Up Camera Spade Cab Mount Installation	A
1	1001192958	4	Screw, #10 x 1/2	
2	3178000547	1	Bracket	
3	7114100618	2	Capscrew #10 x 3/4	
4	7114150818	4	Capscrew 5/16 x 1	
5	7493000003	1	Grommet	
6	7660102601	2	Nut #10	
7	1660152601	4	Nut 5/16	
8	7950100143	4	Washer 3/16	
9	7950150143	8	Washer 5/16	
10	1001204070	1	Accessory, Back-Up Camera Kit	
11	1001215151	1	Harness	
12	5526000553	30	Tie Strap	

FIGURE 7-19. CAMERA INSTALLATION - UNDERLIFT

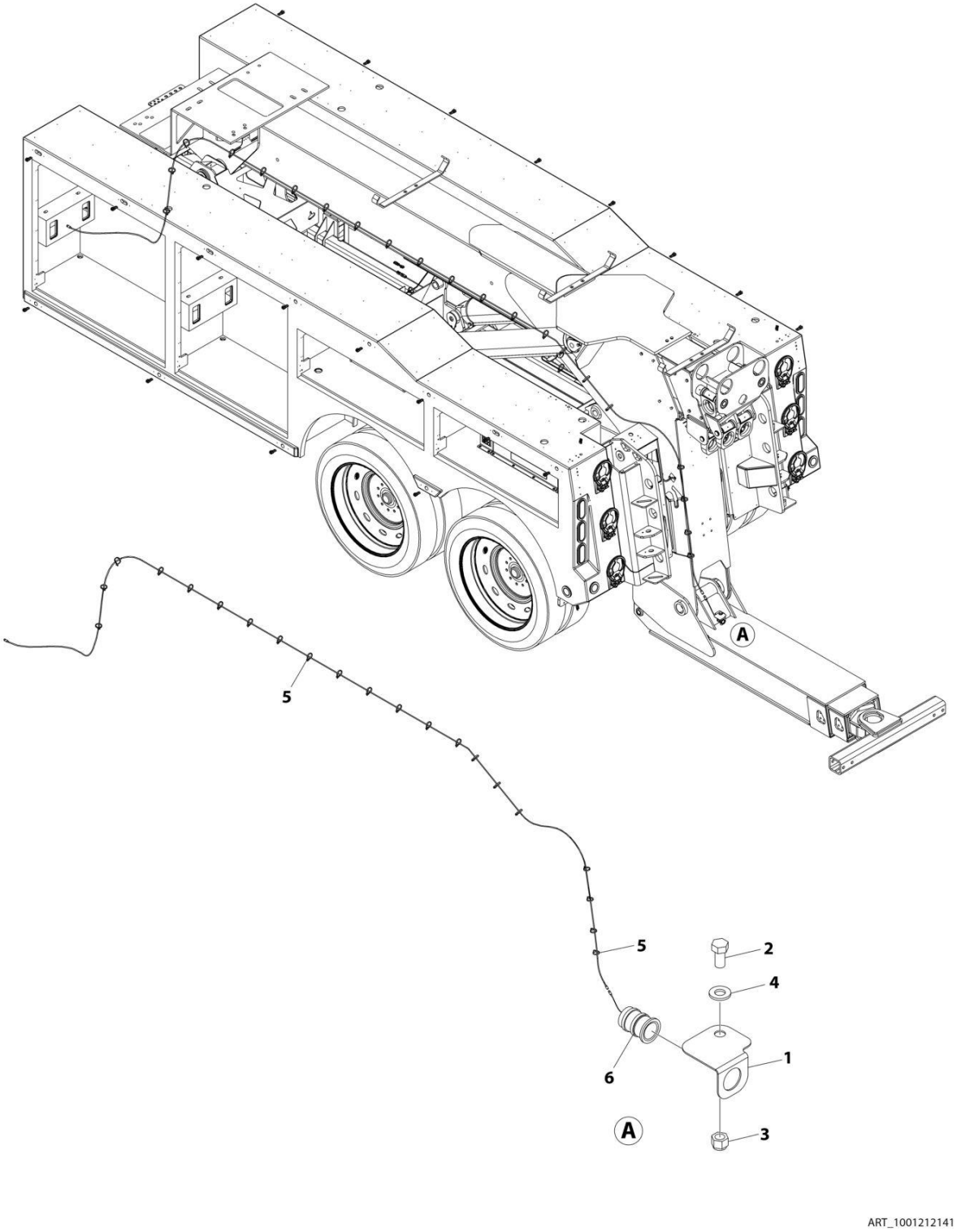


FIGURE 7-19. CAMERA INSTALLATION - UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212141	Ref	Underlift Camera Installation	A
1	4178000889	1	Bracket	
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	Back-Up Camera	

FIGURE 7-20. CAMERA INSTALLATION - UNDERLIFT (PACCAR)

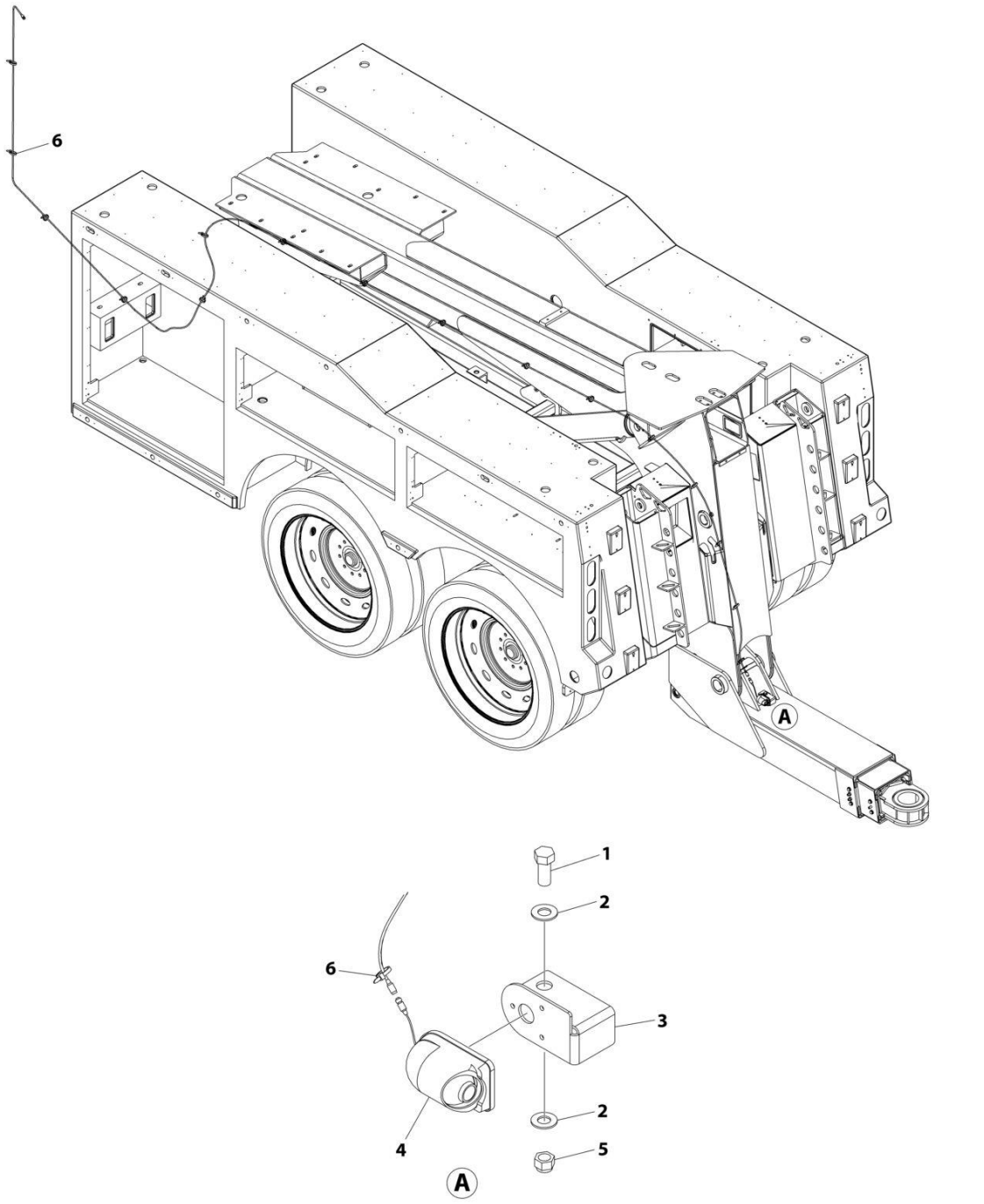


FIGURE 7-20. CAMERA INSTALLATION - UNDERLIFT (PACCAR)

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	Accessory, Underlift Cam Kit Paccar	
5	7660172601	1	Nut 7/16	
6	7854000004	30	Tie Strap	

FIGURE 7-21. CAMERA BRACKETS INSTALLATION - UNDERLIFT

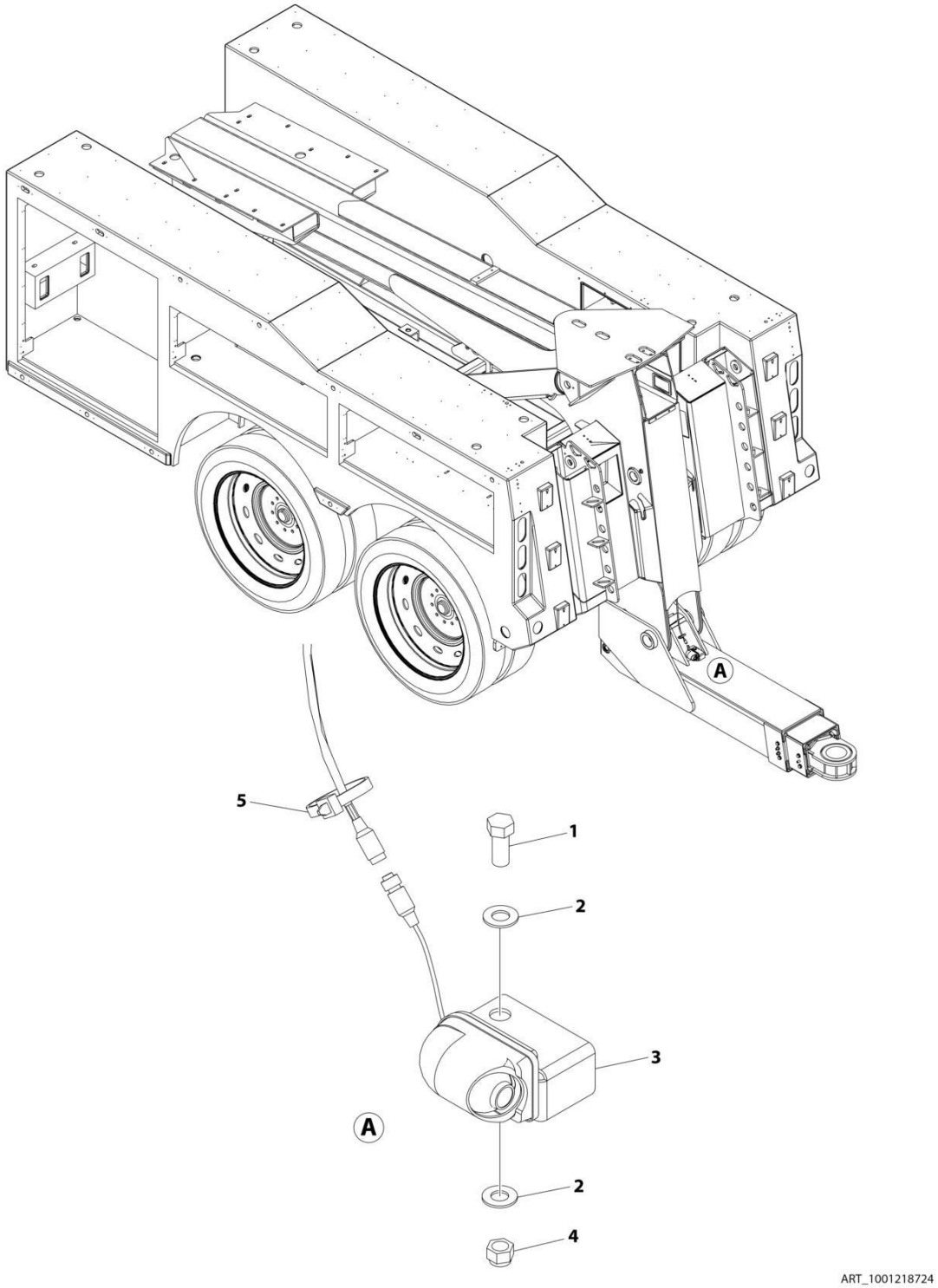


FIGURE 7-21. CAMERA BRACKETS INSTALLATION - UNDERLIFT

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 7-22. LIGHTBAR 50T ROTATOR INSTALLATION

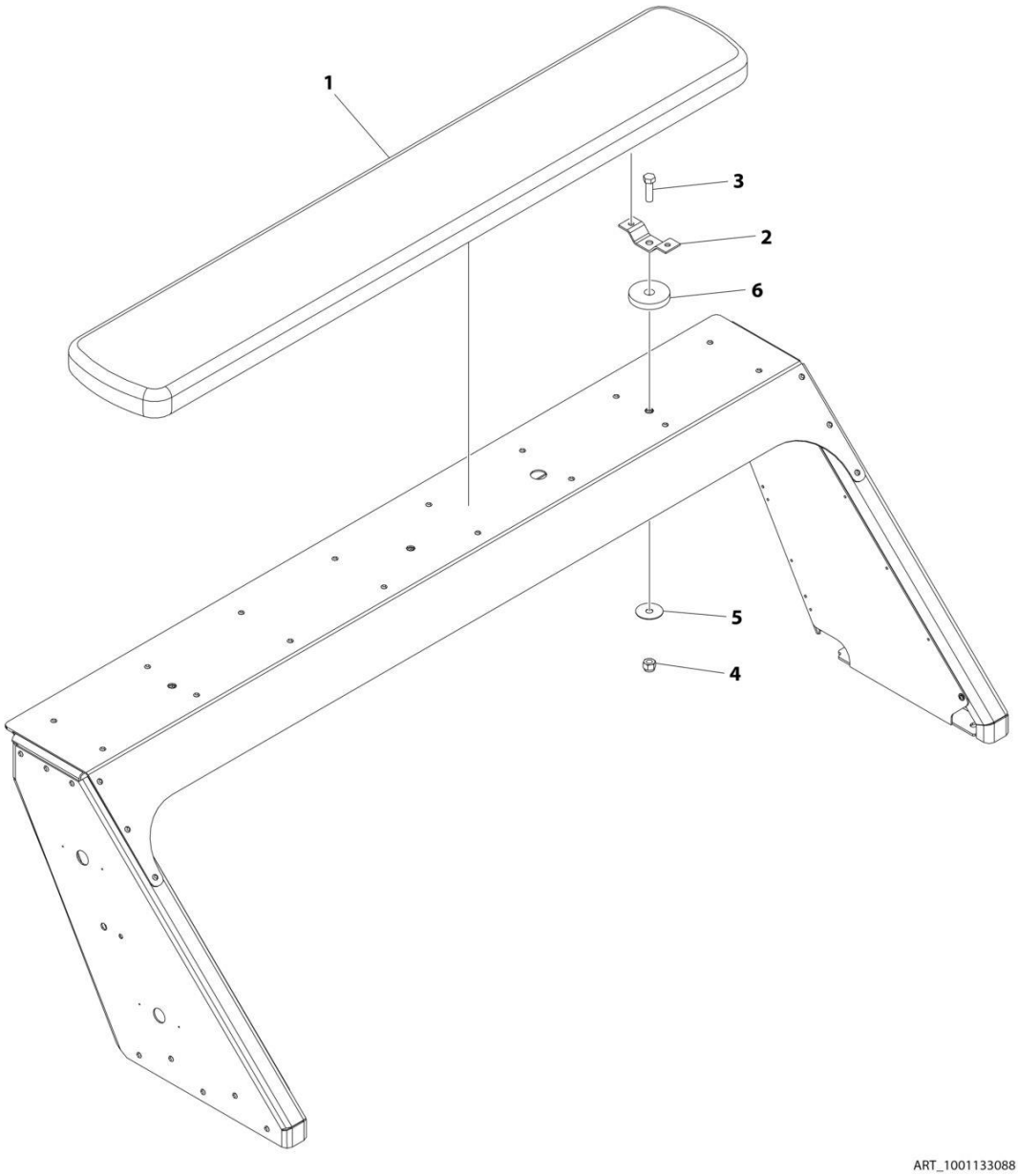
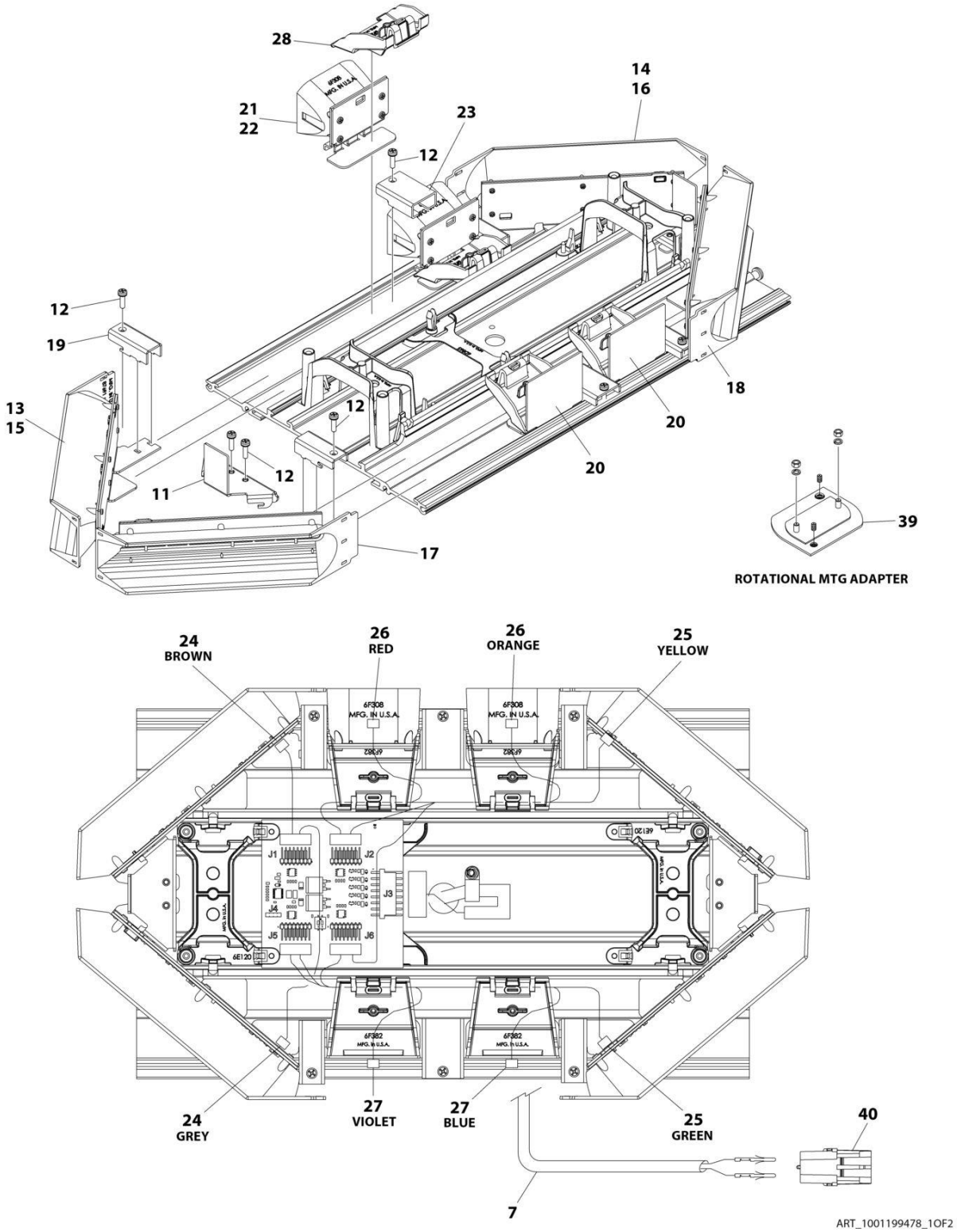


FIGURE 7-22. LIGHTBAR 50T ROTATOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133088	Ref	Lightbar 50T Rotator Installation	D
1	1001199477	1	Lightbar 72” LED - Whelen (See Separate Breakdown in this Section)	
2	4178000402	3	Bracket	
3	7115181450	3	Capscrew 1/2 - 13NC x 1-3/4	
4	7660182601	3	Nut 1/2	
5	7949000072	3	Washer 1/2	
6	4831000128	3	Spacer	

FIGURE 7-23. LIGHTBAR 22IN - WHELEN



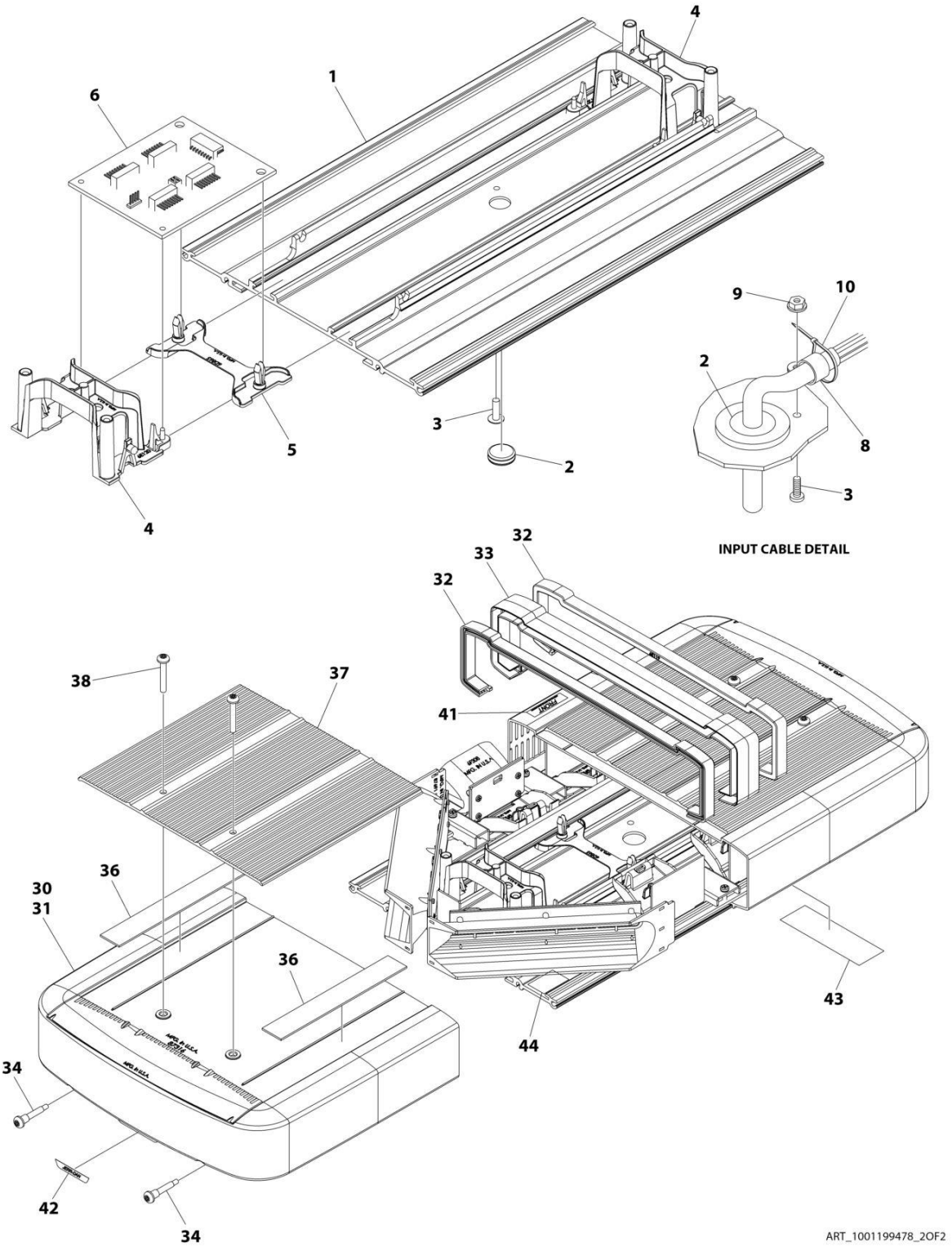

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INPUT CABLE DETAIL
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34
ART_1001199478_2OF2

FIGURE 7-23. LIGHTBAR 22IN - 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 7-24. LIGHTBAR 72IN LED - WHELEN

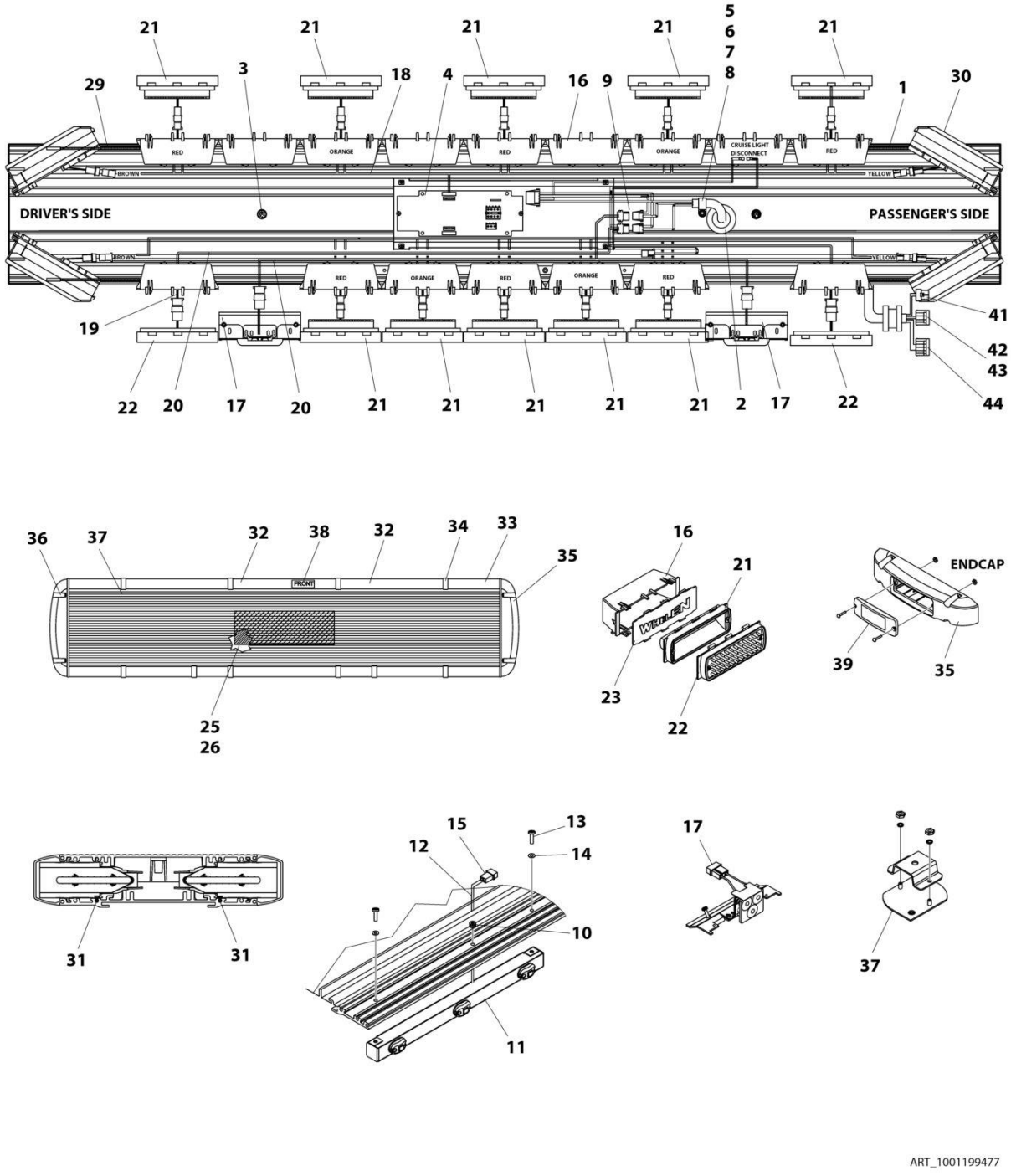


FIGURE 7-24. LIGHTBAR 72IN LED - WHELEN

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 7-25. LIGHT - BEACON LIGHT INSTALLATION

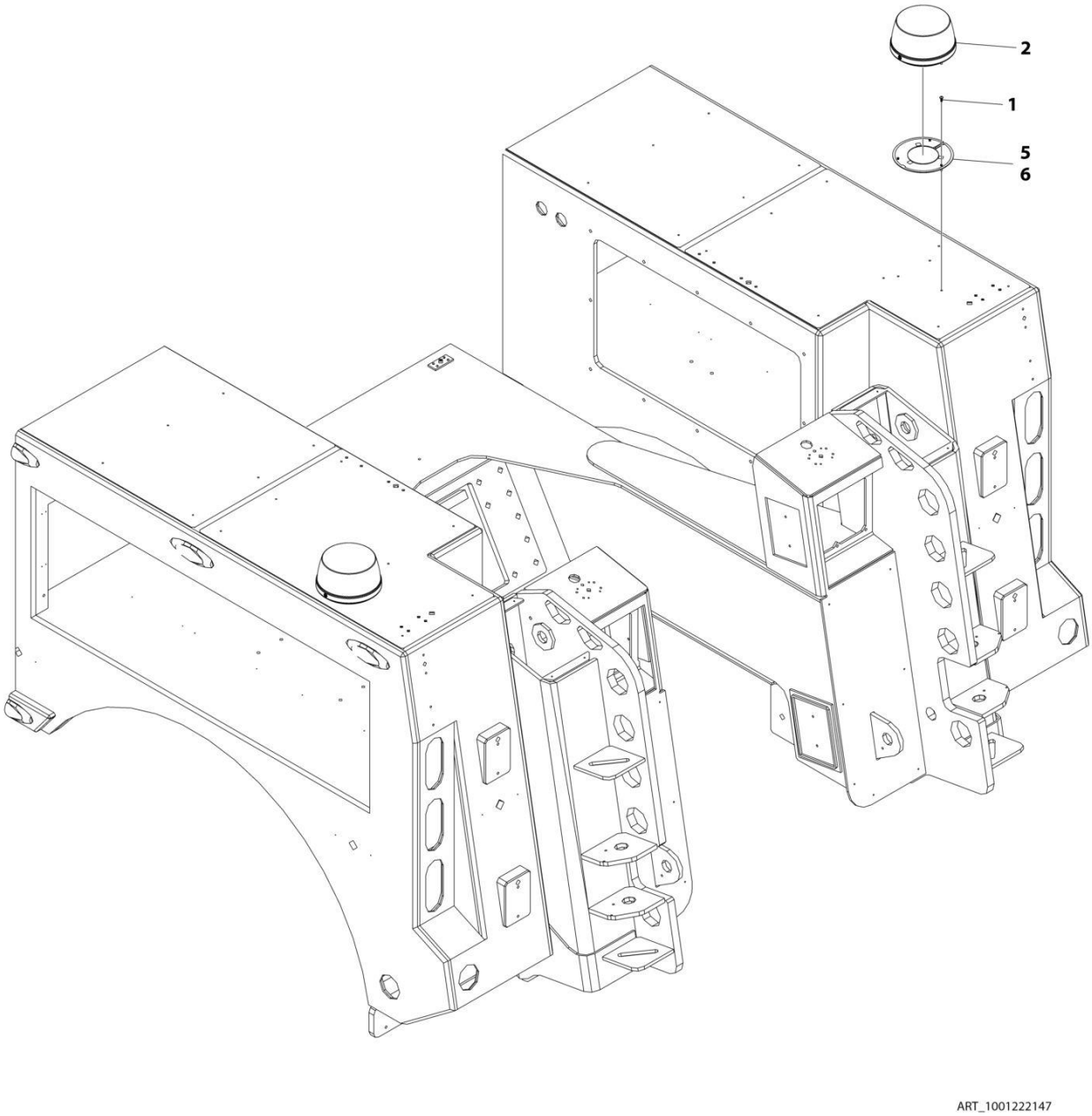


FIGURE 7-25. LIGHT - BEACON LIGHT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222147	Ref	Beacon Light Installation	A
1	1001192958	6	Screw, #10 x 1/2	
2	1001222455	2	Lamp	
3	7894000004	20	Tie Strap (Not Shown)	
4	8597650002	1	Wire Loom (Not Shown)	
5	8798820001	AR	Sealant	
6	8977010103	150	Template	

FIGURE 7-26. LIGHT - GRILLE FLASHER LIGHT INSTALLATION - FRONT

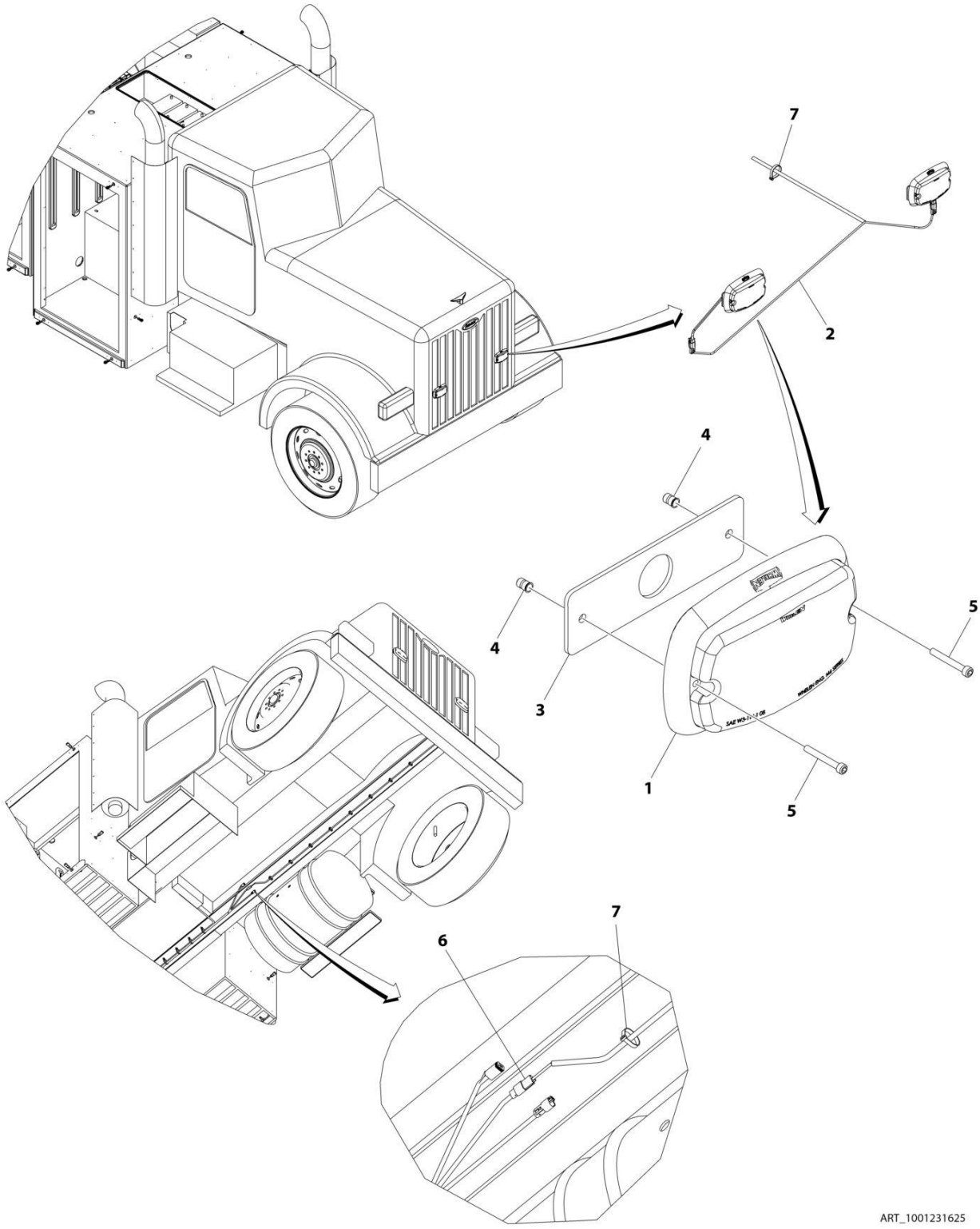


FIGURE 7-26. LIGHT - GRILLE FLASHER LIGHT INSTALLATION - FRONT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231625	Ref	Front Grille Flasher Light Installation	A
1	1001143284	1	Lamp	
2	1001115157	1	Harness	
3	1001116586	2	Bar	
4	1001151546	4	Nut #8	
5	3930820	4	Screw #8 x 1-1/4	
6	4460536	1	Terminal	
7	7894000004	8	Tie Strap	

FIGURE 7-27. LIGHT - GRILLE MOUNT INSTALLATION - ROTO-RAY

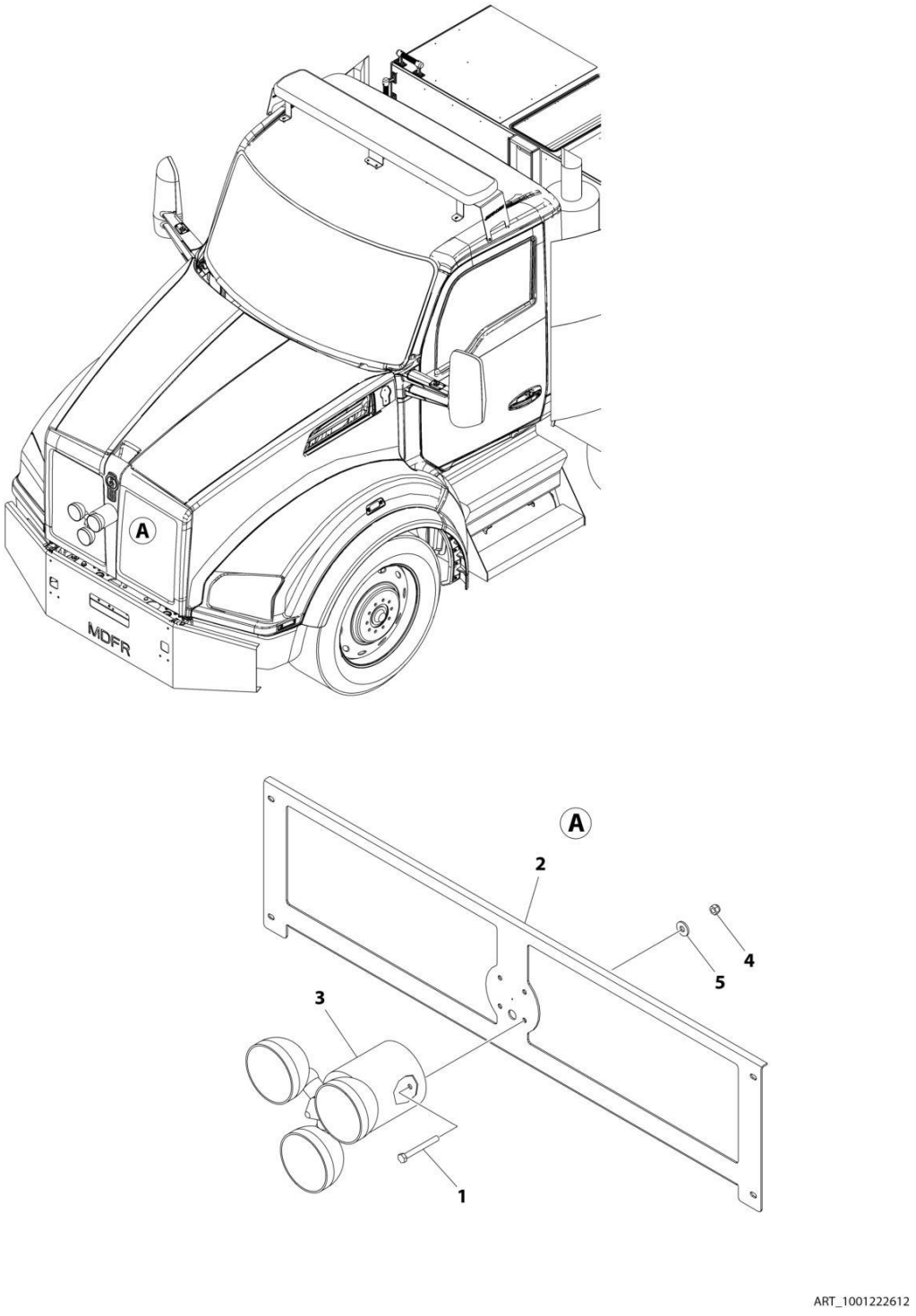


FIGURE 7-27. LIGHT - GRILLE MOUNT INSTALLATION - ROTO-RAY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222612	Ref	Roto-Ray Grille Mount Installation	A
1	1001167455	4	Screw 5/16 x 2-3/4	
2	1001222601	1	Bracket	
3	1001222628	1	Light	
4	7660152601	4	Nut 5/16	
5	7950150153	4	Washer 5/16	

FIGURE 7-28. LIGHT - HOOD FLASHER LIGHT INSTALLATION

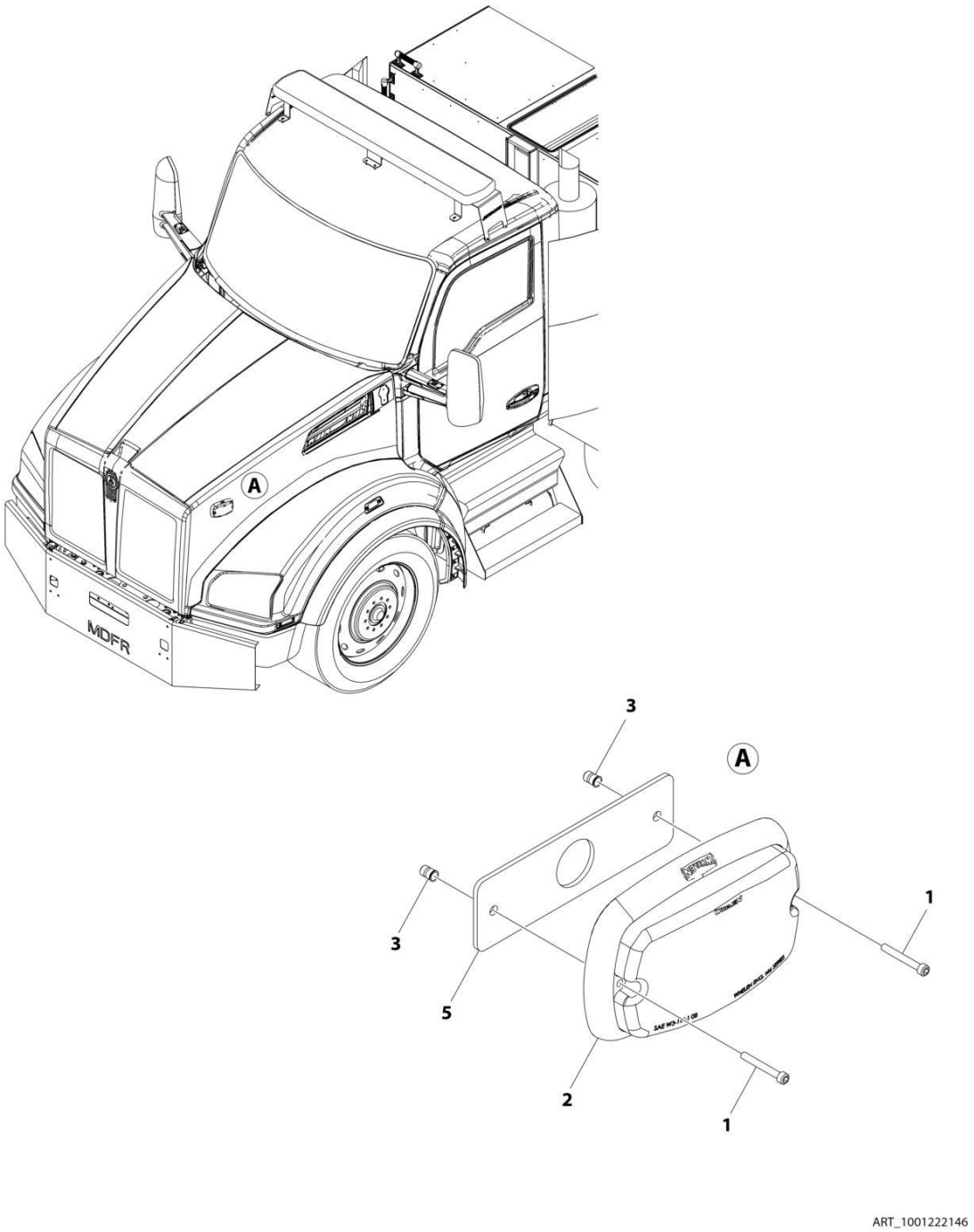


FIGURE 7-28. LIGHT - HOOD FLASHER LIGHT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222146	Ref	Hood Flasher Light Installation	A
1	3930820	4	Screw #8 x 1-1/4	
2	1001143284	2	Lamp	
3	1001151546	4	Nut #8	
4	1001215157	1	Harness (Not Shown)	
5	1001216586	2	Bar	
6	7894000004	20	Tie Strap (Not Shown)	

FIGURE 7-29. LIGHT - HOOK-UP LIGHTS INSTALLATION - LOWER

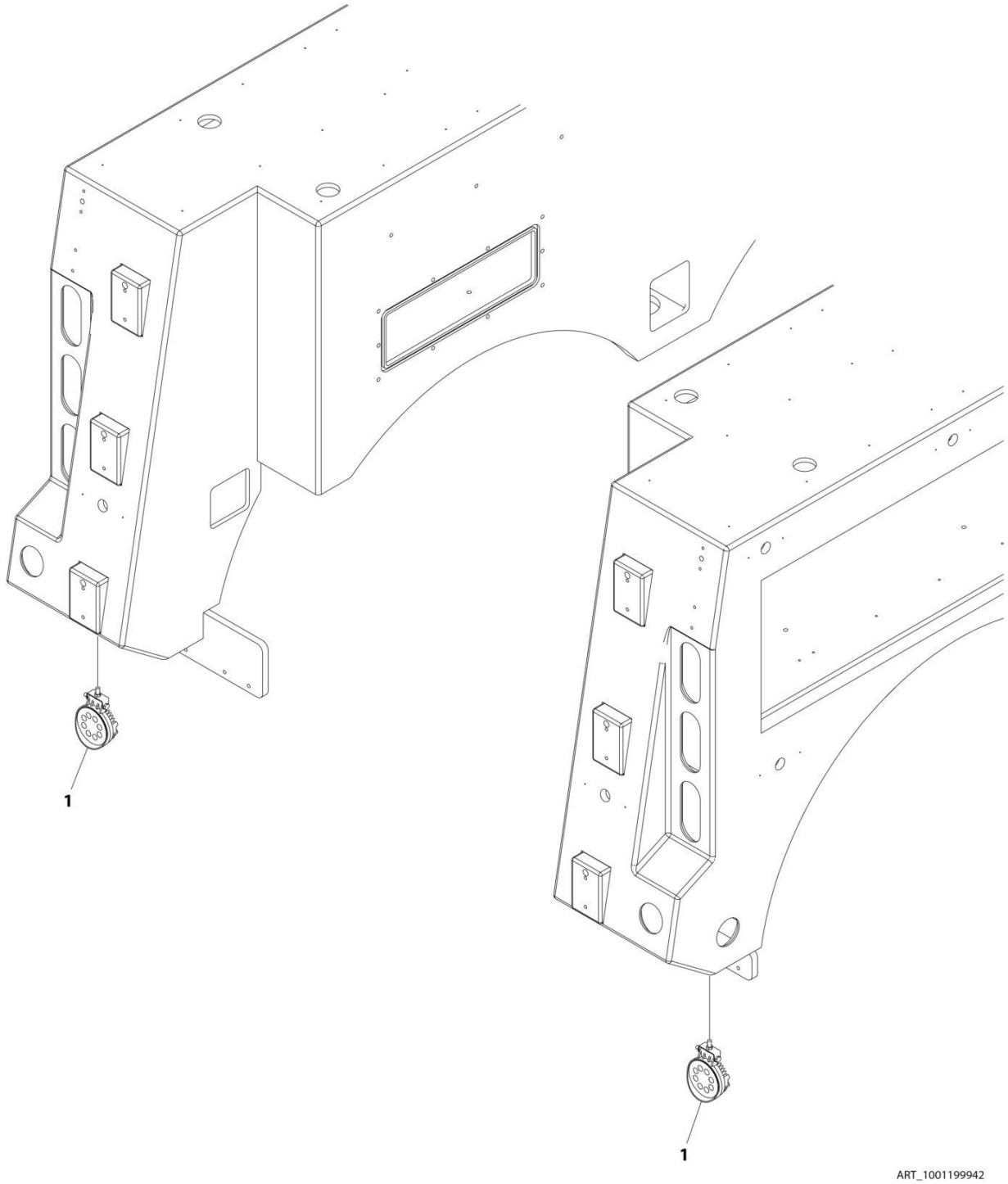


FIGURE 7-29. LIGHT - HOOK-UP LIGHTS INSTALLATION - LOWER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199942	Ref	Lower Lights Hook-Up Installation	B
1	1001176337	2	Lamp	

FIGURE 7-30. LIGHT - HOOK-UP LIGHTS INSTALLATION - UPPER

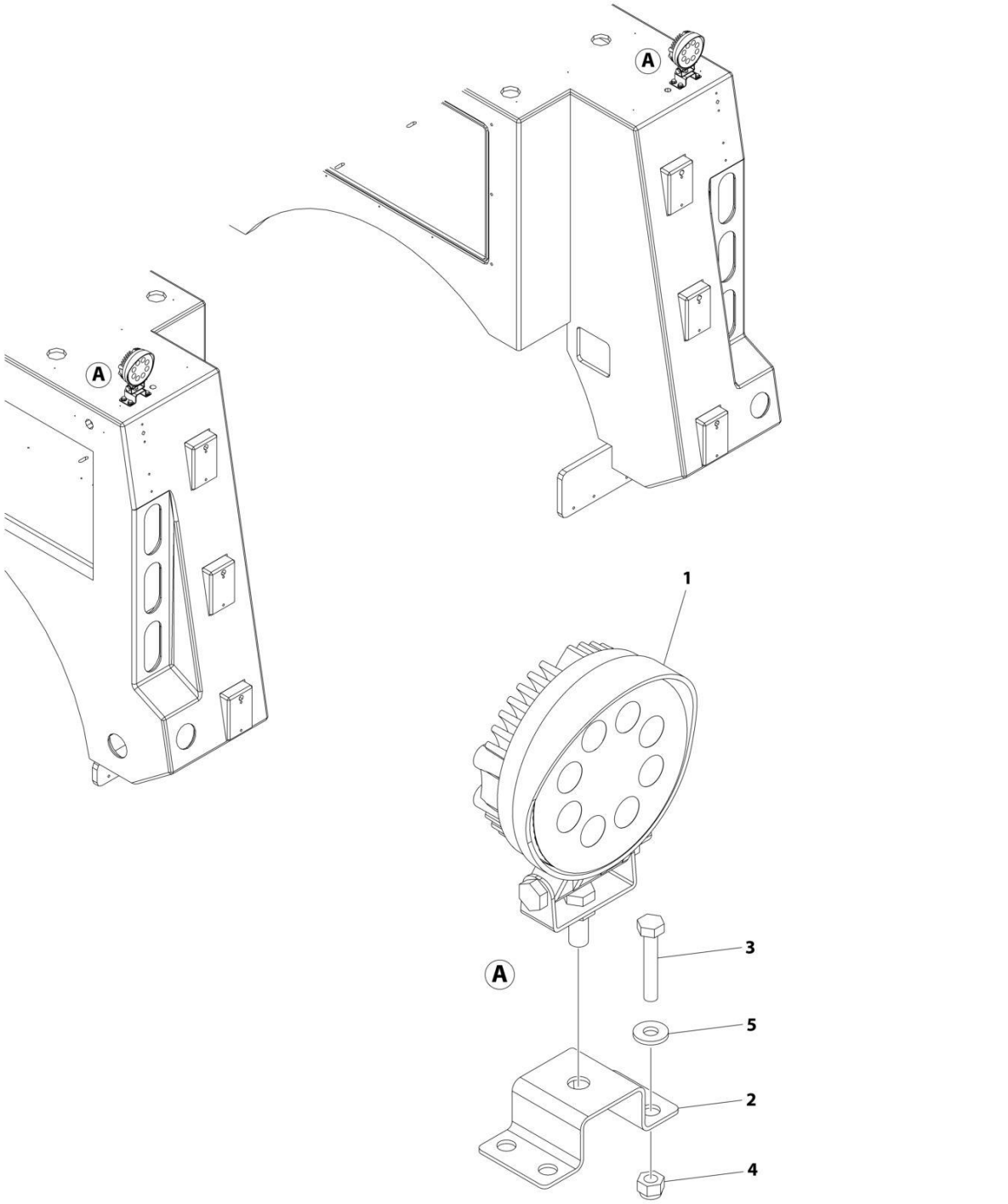


FIGURE 7-30. LIGHT - HOOK-UP LIGHTS INSTALLATION - UPPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199946	Ref	Upper Hook-Up Lights Installation	B
1	1001176337	2	Lamp	
2	1001199950	2	Plate	
3	7115141250	8	Capscrew 1/4 x 1-1/2	
4	7660142604	8	Nut 1/4	
5	7950140143	8	Washer 1/4	

FIGURE 7-31. LIGHT - OUTRIGGER LIGHT INSTALLATION

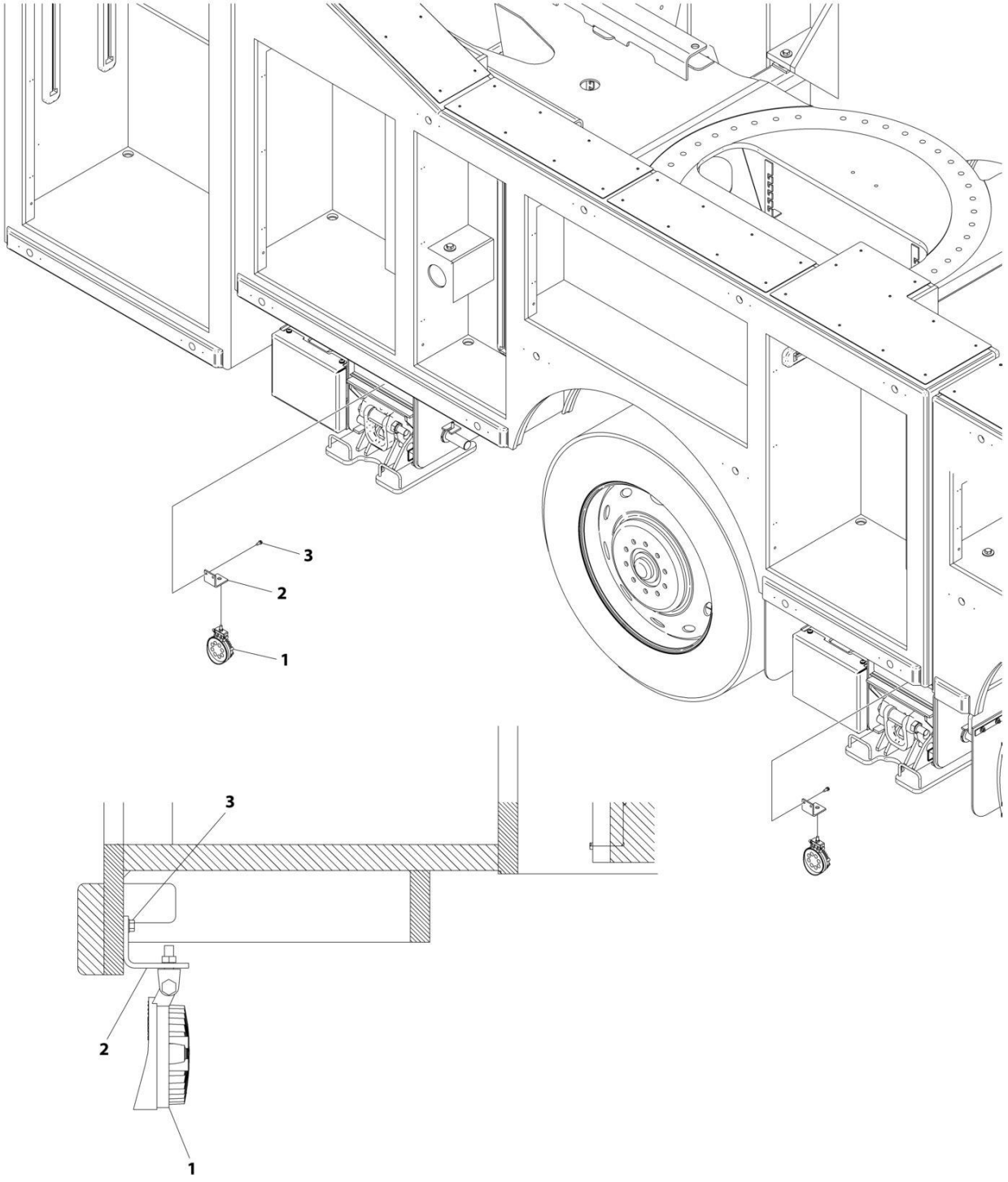


FIGURE 7-31. LIGHT - OUTRIGGER LIGHT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166793	Ref	Outrigger Light Installation	B
1	1001176337	4	Lamp	
2	4178000659	4	Bracket	
3	7790141251	8	Screw 1/4 x 3/4	

FIGURE 7-32. LIGHT - UNDERLIFT LIGHT INSTALLATION

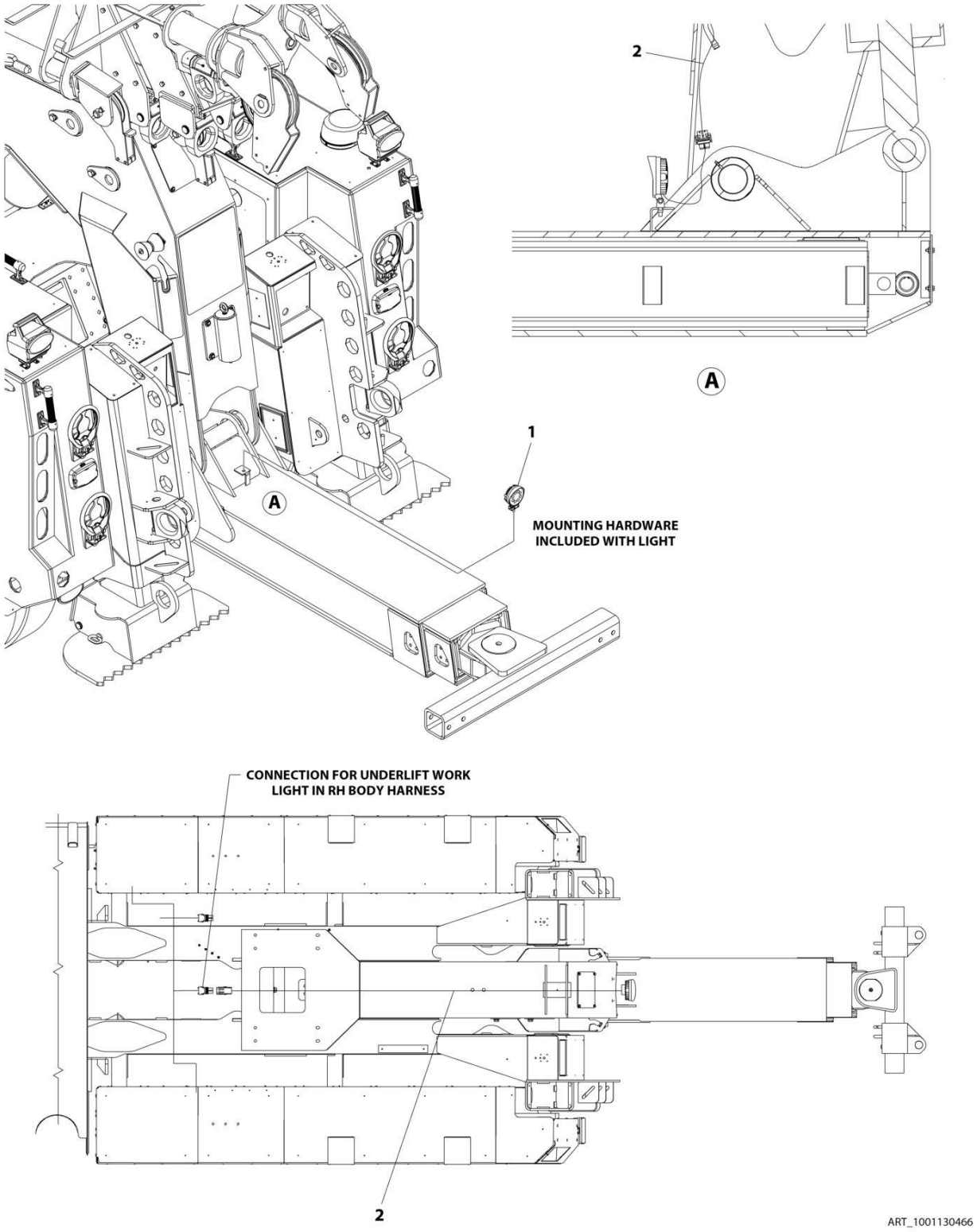


FIGURE 7-32. LIGHT - UNDERLIFT LIGHT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001130466	Ref	UNDERLIFT LIGHT INSTALLATION	E
1	1001176337	1	Lamp	
2	1001231637	1	Harness	
6	7894000010	12	Tie Strap (Not Shown)	

FIGURE 7-33. LIGHT - WING LIGHT INSTALLATION

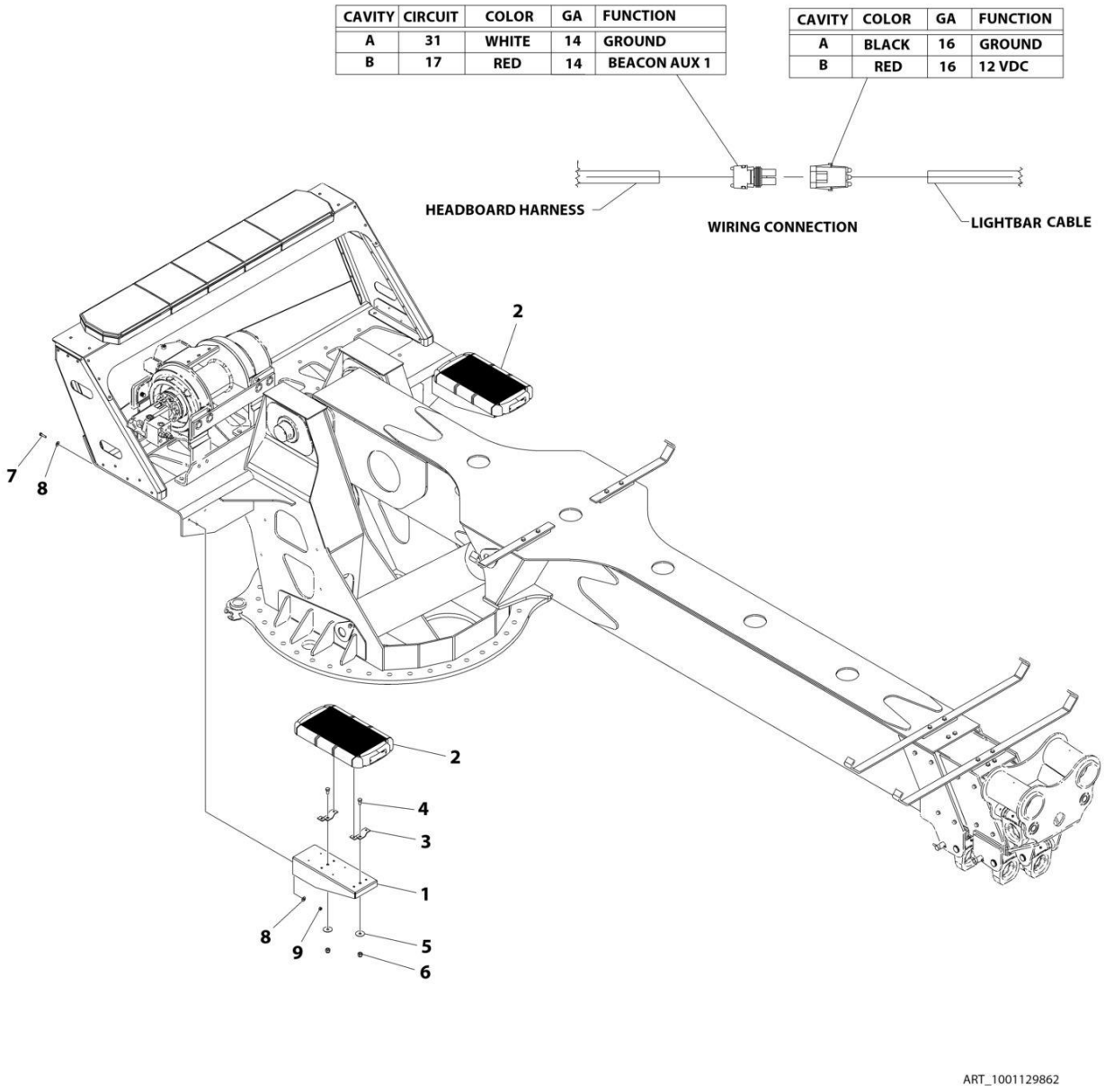
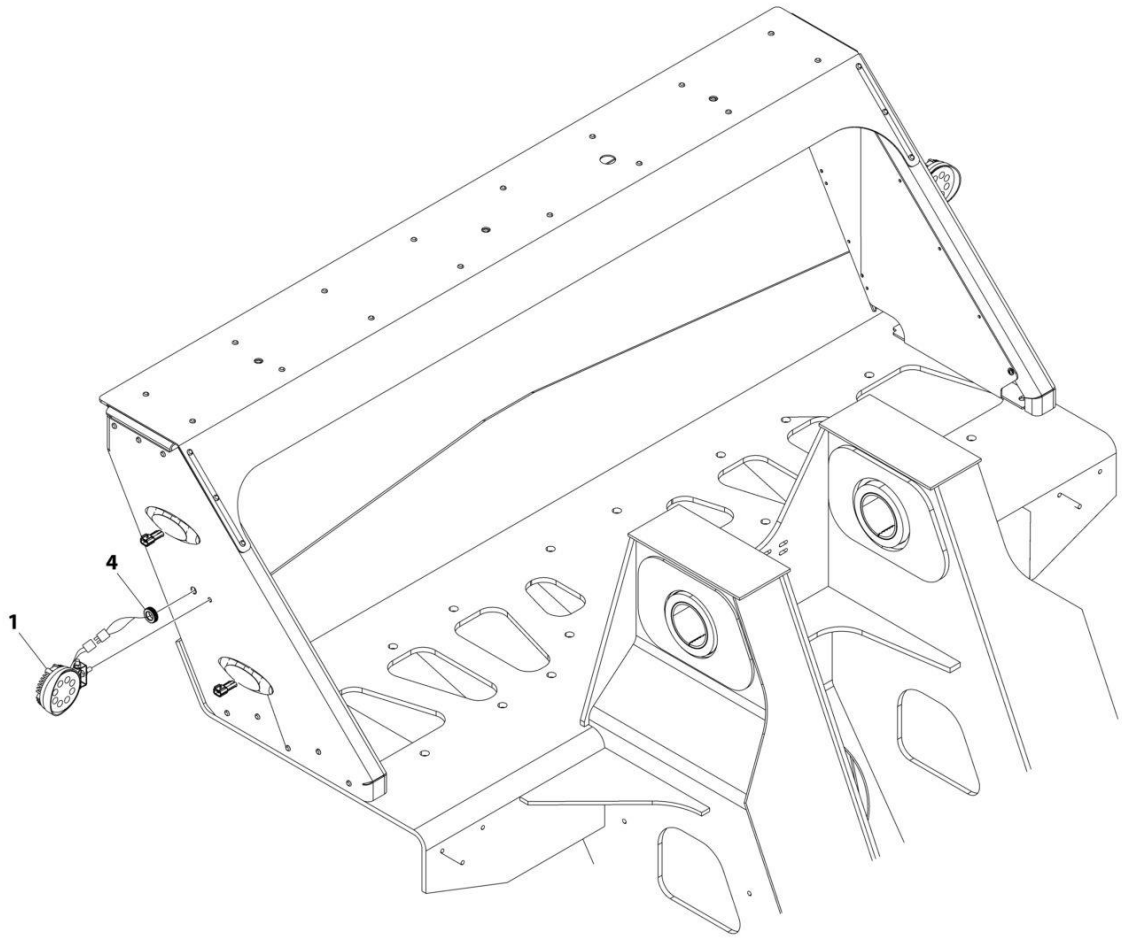


FIGURE 7-33. LIGHT - WING LIGHT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129862	Ref	Wing Light Installation	C
1	1001129828	2	Bracket	
2	1001199478	2	Whelen Light Bar, 22" (See Separate Breakdown in this Section)	
3	4178000402	4	Bracket	
4	7115180850	4	Capscrew 1/2 x 1	
5	7949000072	4	Washer 1/2	
6	7660182601	4	Nut 1/2	
7	7115161250	6	Bolt 3/8 x 1-1/2	
8	7950160161	12	Washer 3/8	
9	7660162601	6	Nut 3/8	
10	7894000042	4	Tie Strap (Not Shown)	

FIGURE 7-34. LIGHT - WORKLIGHT INSTALLATION - UPPER



ART_1001131169

FIGURE 7-34. LIGHT - WORKLIGHT INSTALLATION - UPPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001131169	Ref	Upper Work Light Installation	C
1	1001176337	2	Lamp	
2	8597650002	1 ft	Wire Loom (Not Shown)	
4	7493000021	2	Grommet	

FIGURE 7-35. LIGHT - WRECKER BOOM LIGHTS INSTALLATION

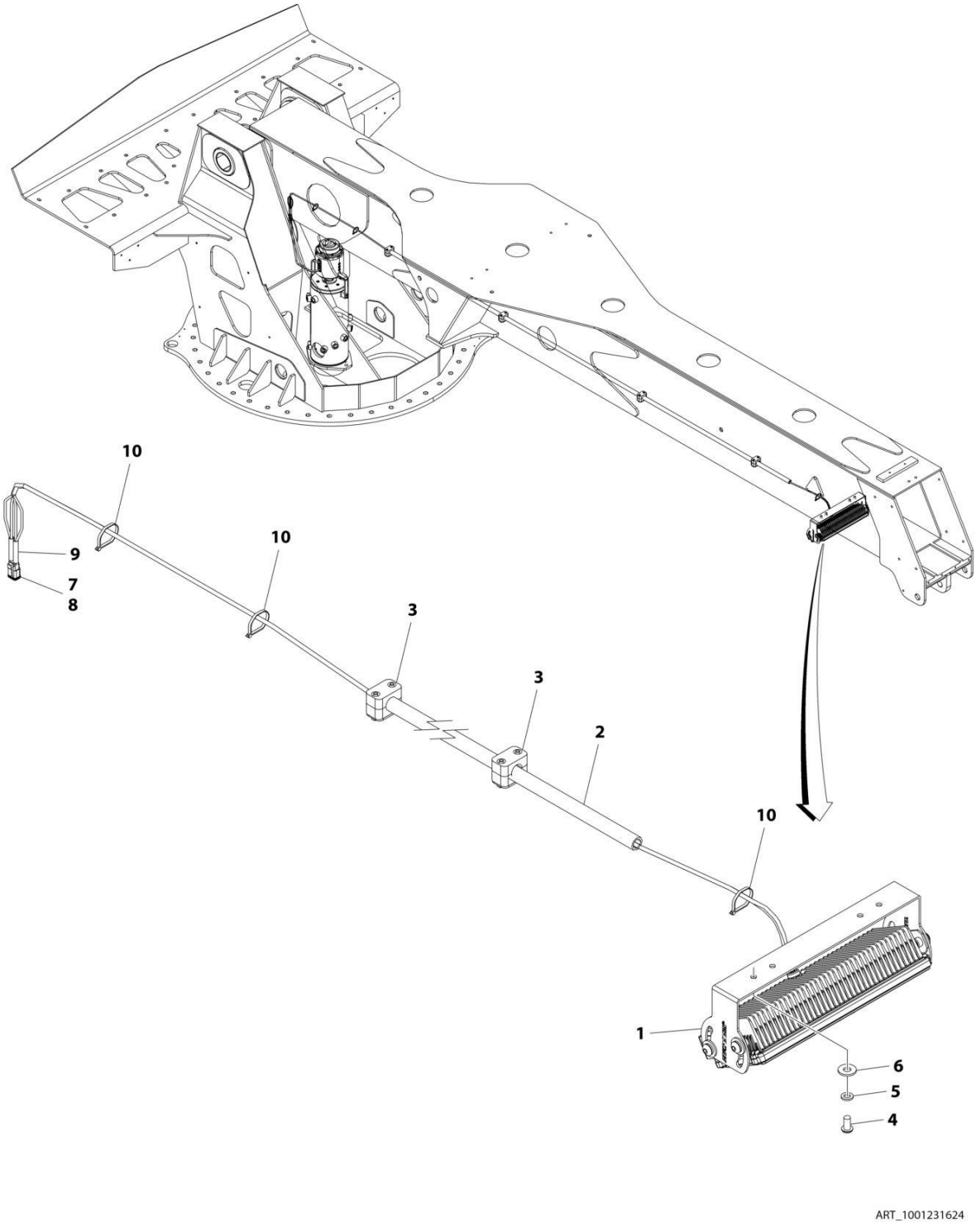


FIGURE 7-35. LIGHT - WRECKER BOOM LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231624	Ref	WRECKER BOOM LIGHTS INSTALLATION	B
1	1001130429	1	Lamp	
2	1001206319	1	Tube	
3	7247000095	4	Assembly, Clamp	
4	7114160618	4	Capscrew 3/8 x 3/4	
5	7950160003	4	Nut 3/8	
6	7950160163	4	Washer 3/8	
7	4461018	1	Electrical Terminal	
8	4460509	2	Electrical Socket	
9	7346000039	AR	Tubing, Heat Shrink	
10	7894000010	3	Tie Strap	

FIGURE 7-36. LIGHT - WRECKER BOOM LIGHTS INSTALLATION

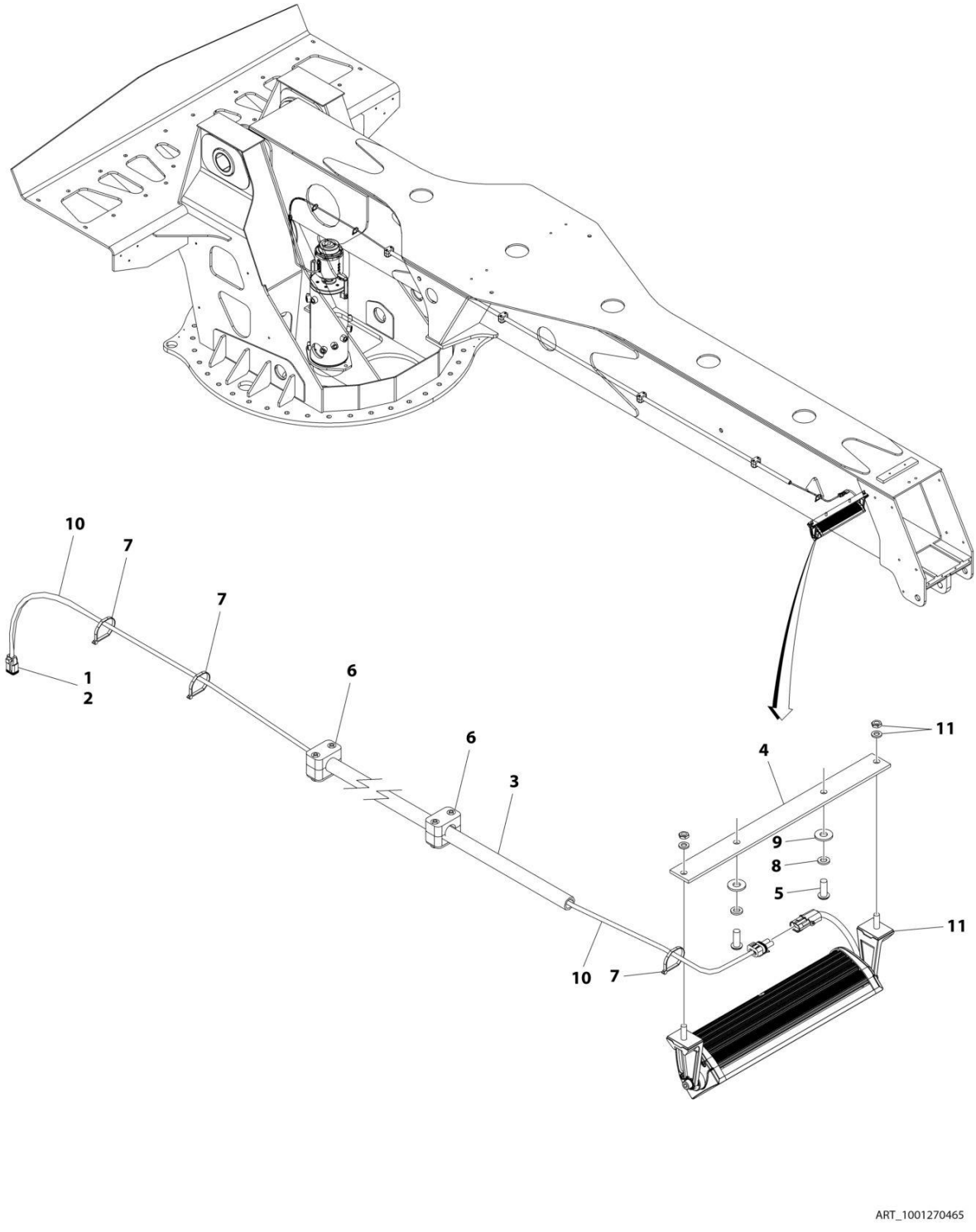


FIGURE 7-36. LIGHT - WRECKER BOOM LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001270465	Ref	WRECKER BOOM LIGHTS INSTALLATION	A
1	4460509	2	Electrical Socket	
2	4461018	1	Electrical Terminal	
3	1001206319	1	Tube	
4	1001270464	1	Bracket	
5	7114160618	2	Capscrew 3/8 x 3/4	
6	7247000095	4	Assembly, Clamp	
7	7894000010	3	Tie Strap	
8	7950160003	2	Nut 3/8	
9	7950160163	2	Washer 3/8	
10	1001212488	1	Harness	
11	1001270479	1	Lamp	

FIGURE 7-37. SWITCH - EMERGENCY STOP INSTALLATION

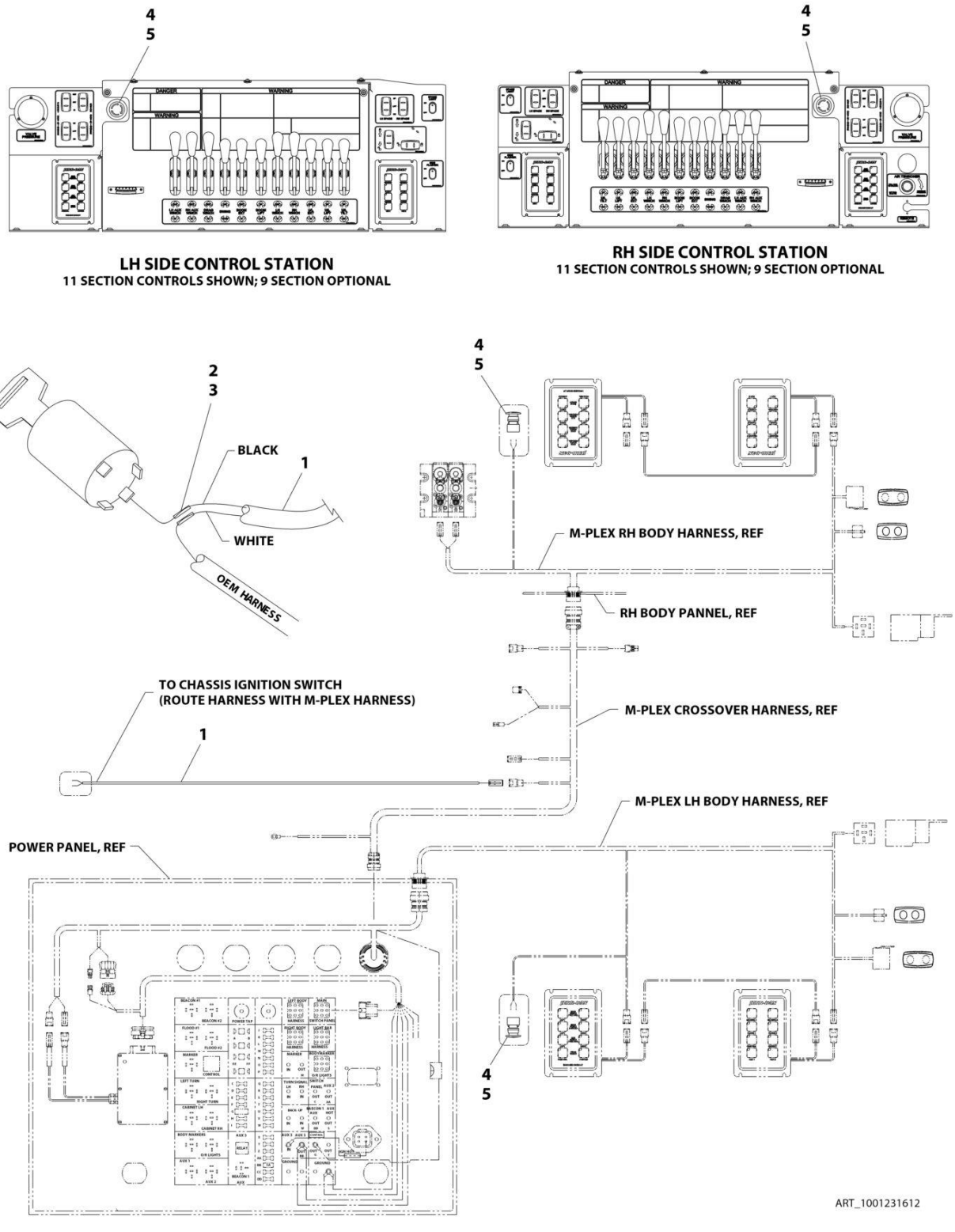


FIGURE 7-37. SWITCH - EMERGENCY STOP INSTALLATION

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

FIGURE 7-38. SWITCH PANEL LIGHTING INSTALLATION

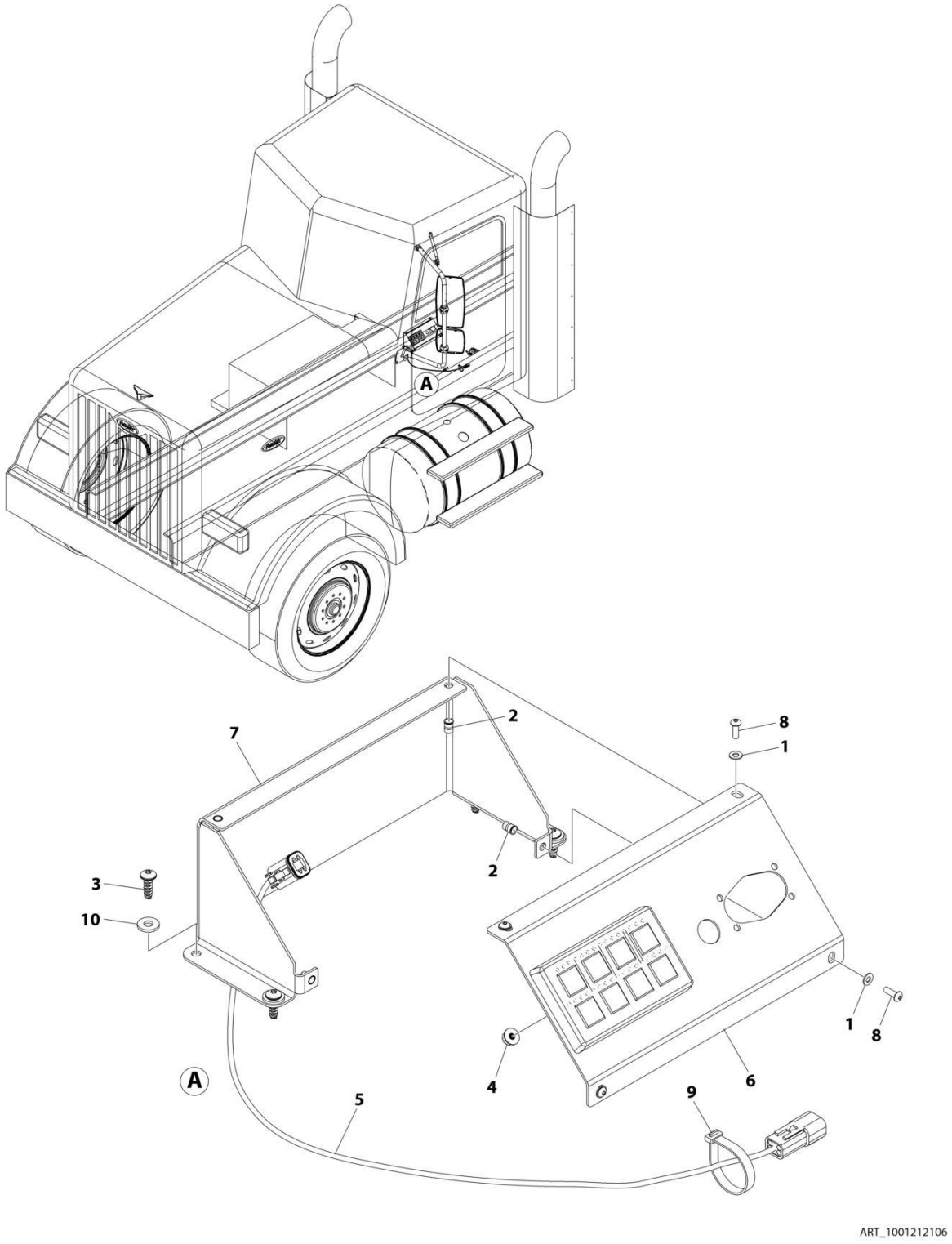


FIGURE 7-38. SWITCH PANEL LIGHTING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212106	Ref	Switch Panel Lighting Installation	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	Harness	
6	1001216233	1	Panel	
7	1001216239	1	Panel	
8	7114080418	4	Screw #8 x 1/2	
9	7894000004	6	Tie Strap	
10	7950140143	4	Washer 1/4	

FIGURE 7-39. SWITCH PANEL LIGHTING INSTALLATION - WITH UNDERLIFT

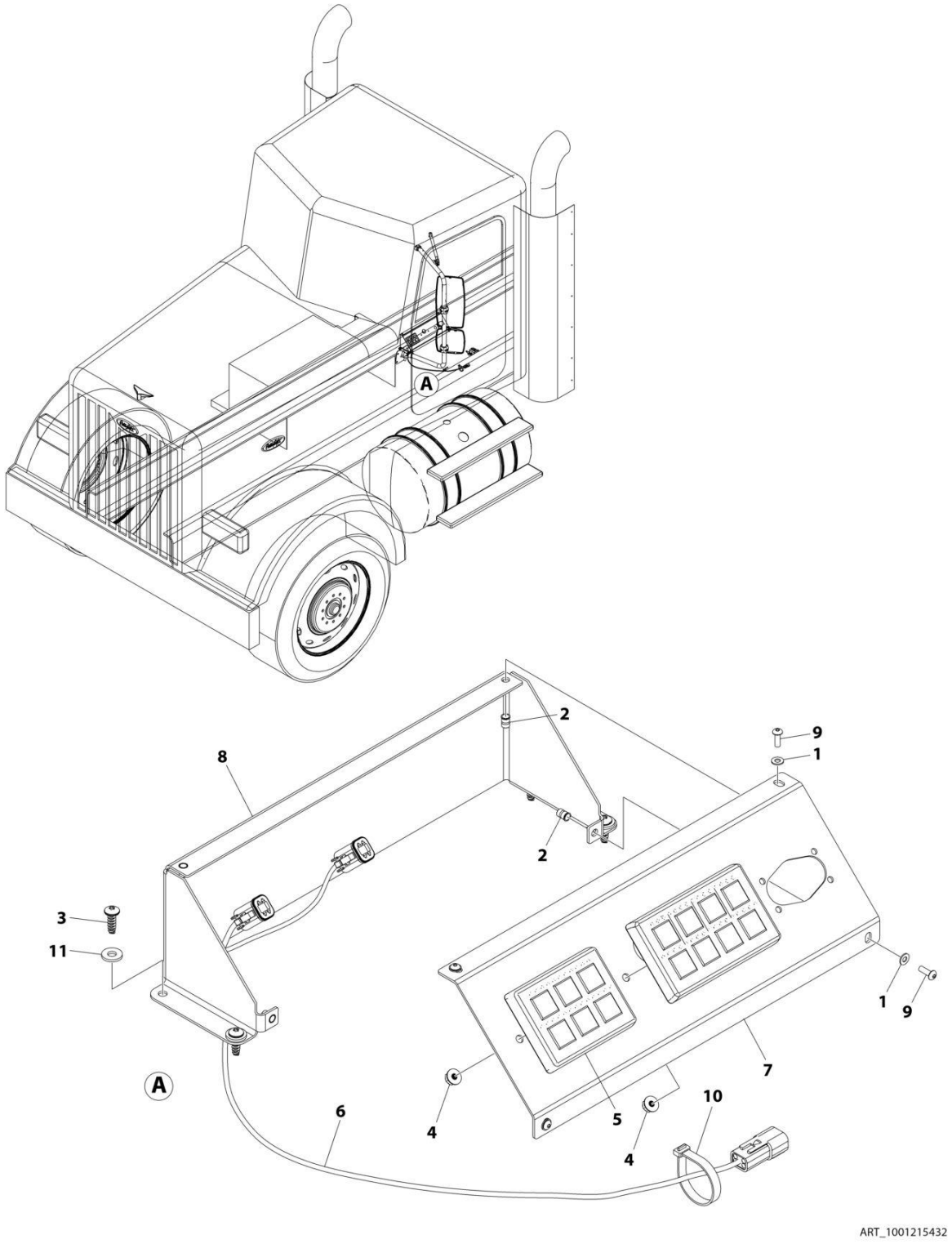


FIGURE 7-39. SWITCH PANEL LIGHTING INSTALLATION - WITH UNDERLIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215432	Ref	Switch Panel Lighting Installation - With Underlift	A
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	1001211004	1	Electrical Assembly	
6	1001215421	1	Harness	
7	1001216315	1	Panel	
8	1001216316	1	Panel	
9	7114080418	4	Screw #8 x 1/2	
10	7894000004	6	Tie Strap	
11	7950140143	4	Washer 1/4	

FIGURE 7-40. SWITCH PANEL KW T800, W9, T440, SINGLE LIGHTING INSTALLATION

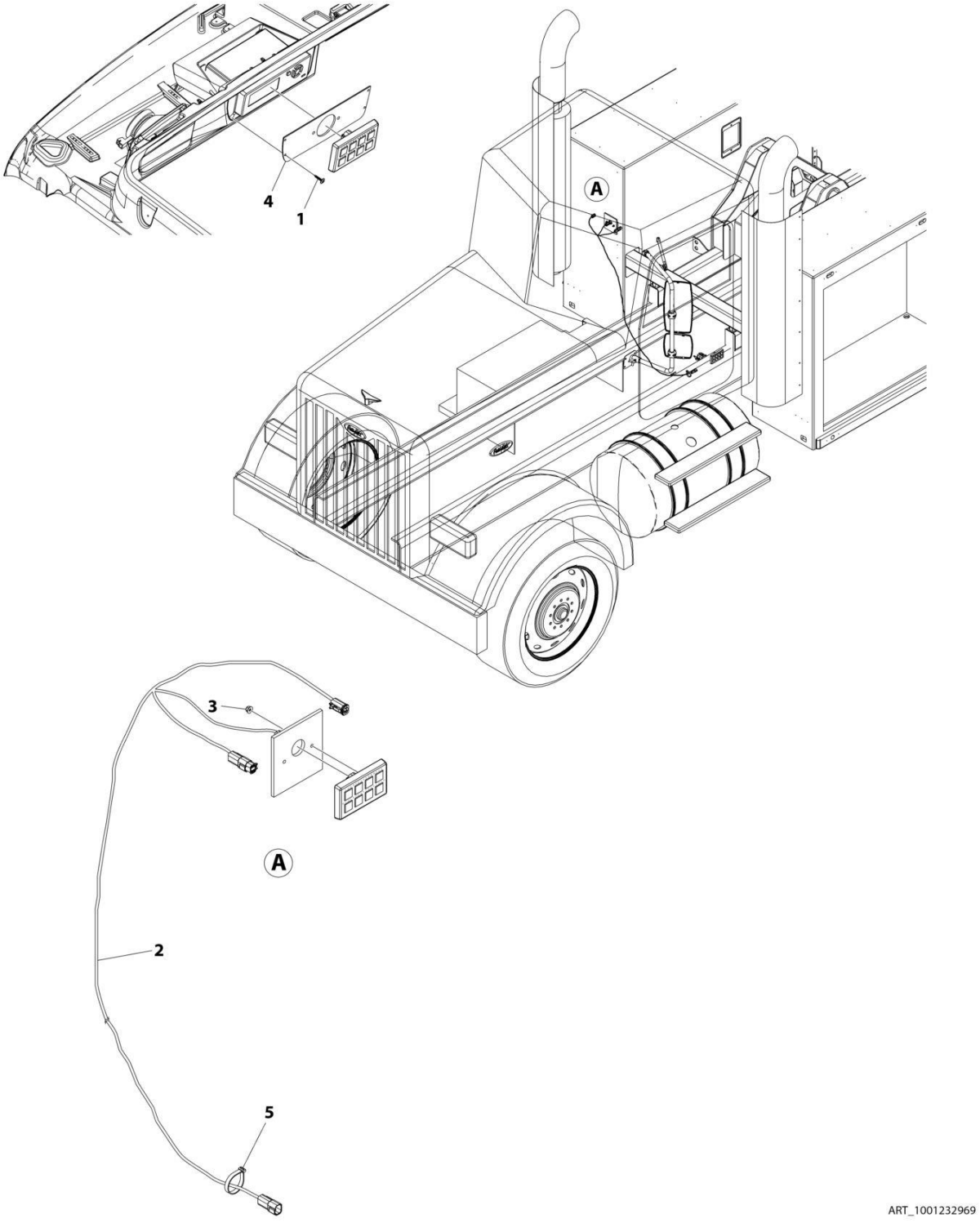


FIGURE 7-40. SWITCH PANEL KW T800, W9, T440, SINGLE LIGHTING INSTALLATION

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	
3	1001209616	2	Nut #10	
4	1001232957	1	Support, Switch Panel	
5	7894000004	7	Tie Strap	

FIGURE 7-41. SWITCH PANEL KW T800, W9, T440, DUAL LIGHTING INSTALLATION

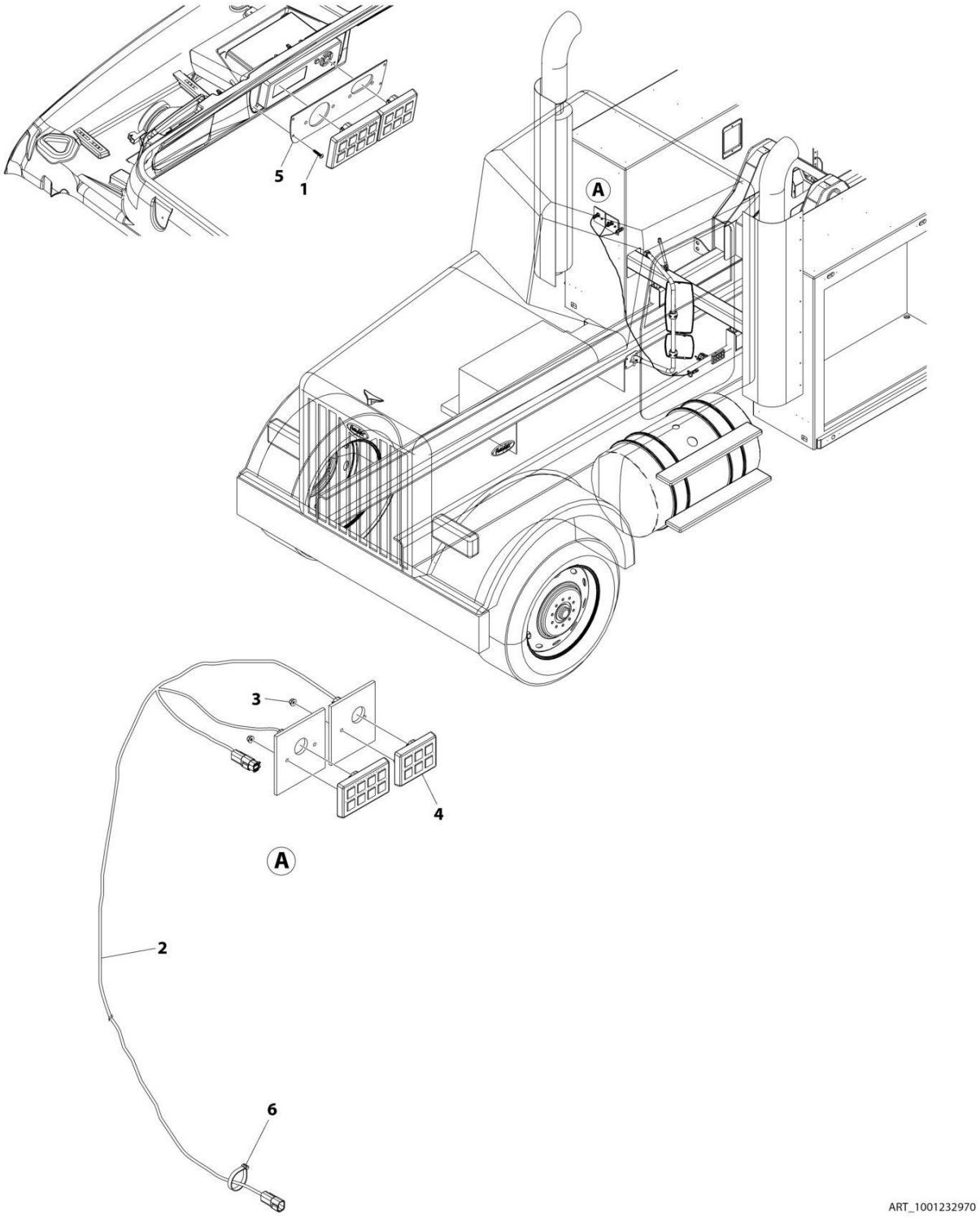


FIGURE 7-41. SWITCH PANEL KW T800, W9, T440, DUAL LIGHTING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232970	Ref	Switch Panel KW T800, W9, T440, Dual Lighting Installation	A
1	1001196552	4	Screw #8 x 3/4	
2	1001208976	1	Harness	
3	1001209616	4	Nut #10	
4	1001211004	1	Electrical Assembly	
5	1001232958	1	Support, Switch Panel	
6	7894000004	7	Tie Strap	

FIGURE 7-42. SWITCH PANEL KW T880 LIGHTING INSTALLATION

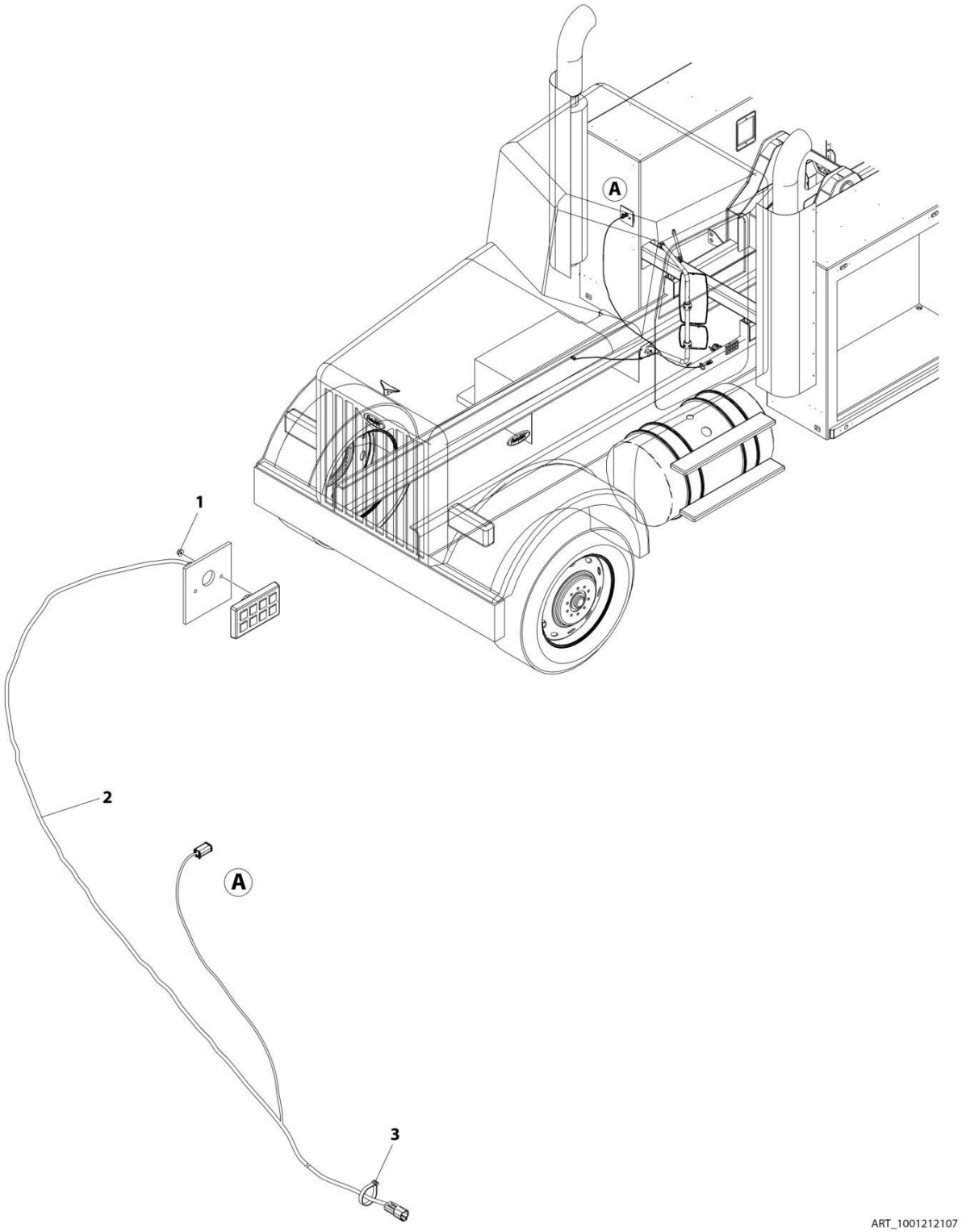


FIGURE 7-42. SWITCH PANEL KW T880 LIGHTING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212107	Ref	Switch Panel KW T880 Lighting Installation	B
1	1001209616	2	Nut #10	
2	1001215436	1	Harness	
3	7894000004	5	Tie Strap	

FIGURE 7-43. SWITCH PANEL KW T880 DUAL LIGHTING INSTALLATION

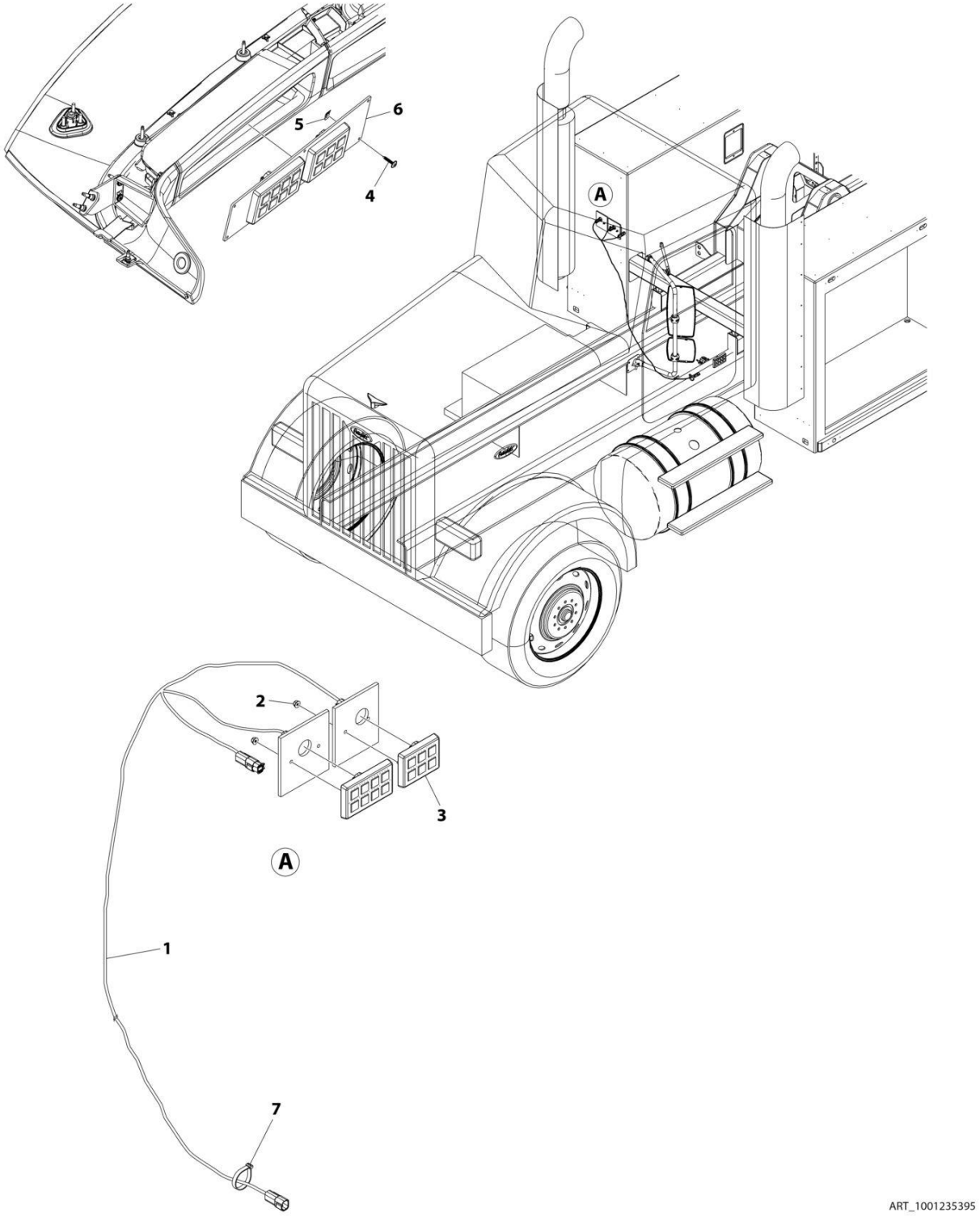


FIGURE 7-43. SWITCH PANEL KW T880 DUAL LIGHTING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235395	Ref	Switch Panel KW T880 Dual Lighting Installation	A
1	1001208976	1	Harness	
2	1001209616	4	Nut #10	
3	1001211004	1	Electrical Assembly	
4	1001232209	6	Screw #8	
5	1001232211	6	Nut #8	
6	1001235394	1	Support, Switch Panel	
7	7894000004	7	Tie Strap	

FIGURE 7-44. SWITCH PANEL PETE 389 LOW SINGLE LIGHTING INSTALLATION

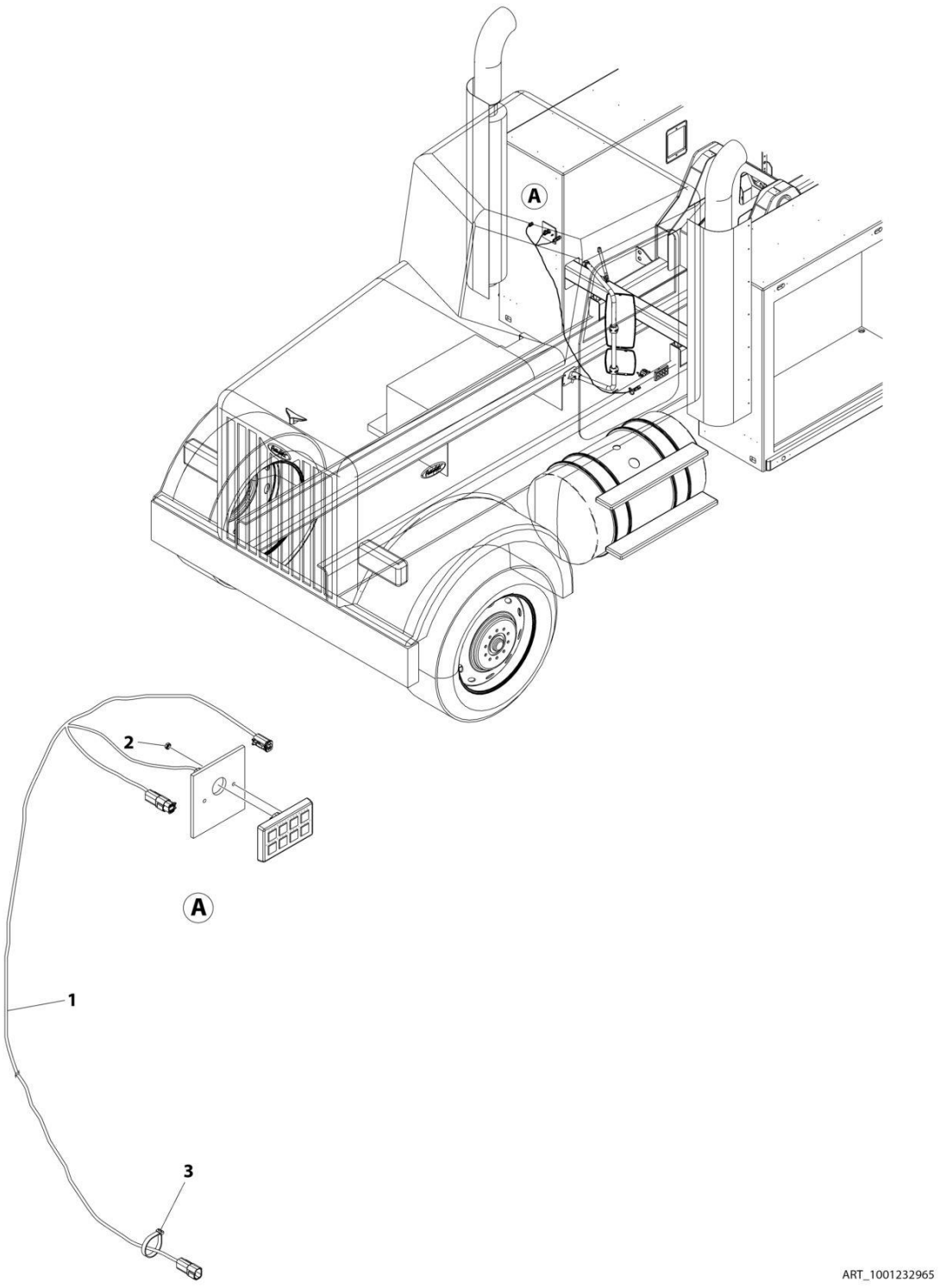


FIGURE 7-44. SWITCH PANEL PETE 389 LOW SINGLE LIGHTING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232965	Ref	Switch Panel Pete 389 Low Single Lighting Installation	A
1	1001208976	1	Harness	
2	7661000023	2	Nut #10	
3	7894000004	7	Tie Strap	

FIGURE 7-45. SWITCH PANEL PETE 389 HIGH SINGLE LIGHTING INSTALLATION

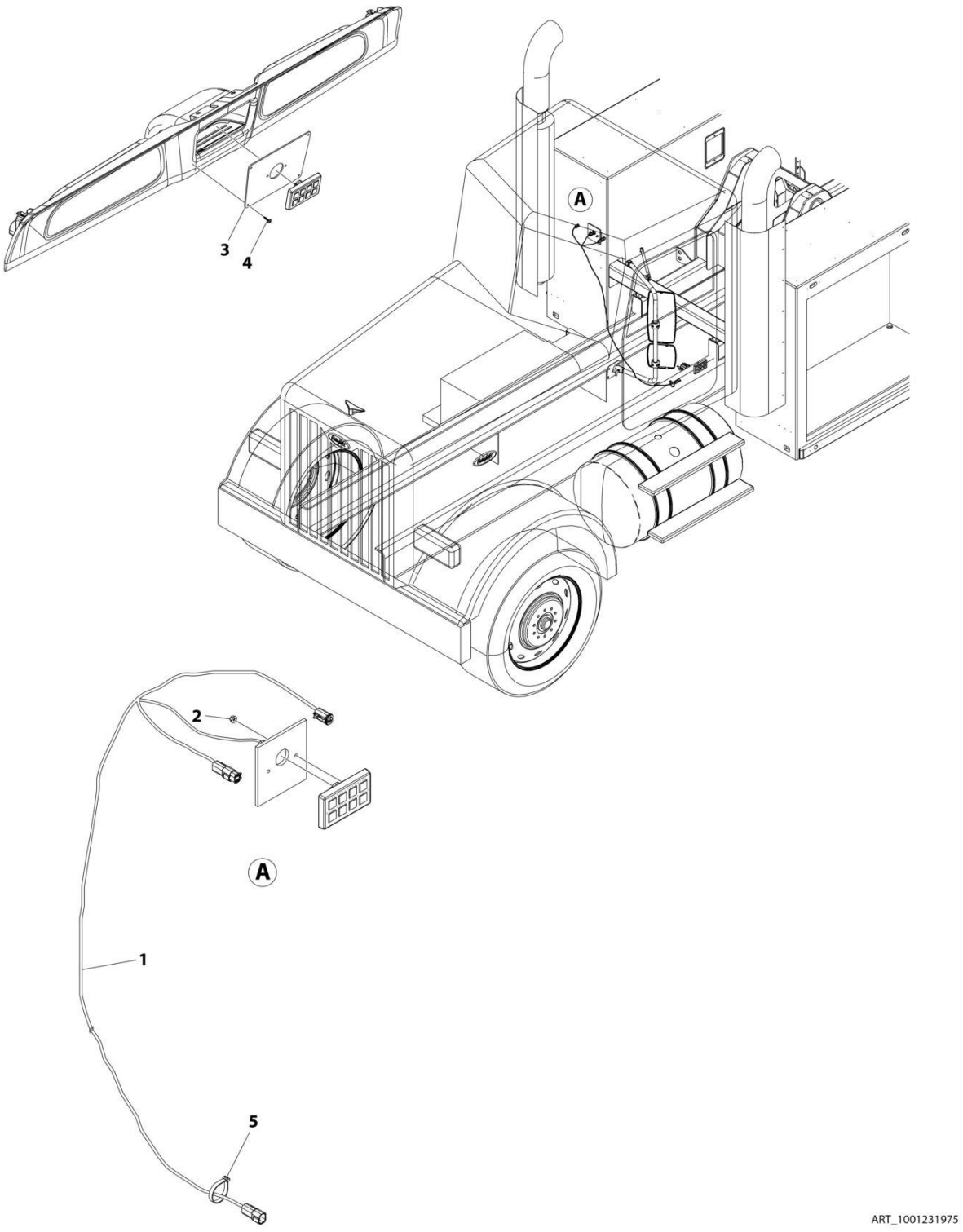


FIGURE 7-45. SWITCH PANEL PETE 389 HIGH SINGLE LIGHTING INSTALLATION

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

FIGURE 7-46. SWITCH PANEL PETE 389 LOW DUAL LIGHTING INSTALLATION

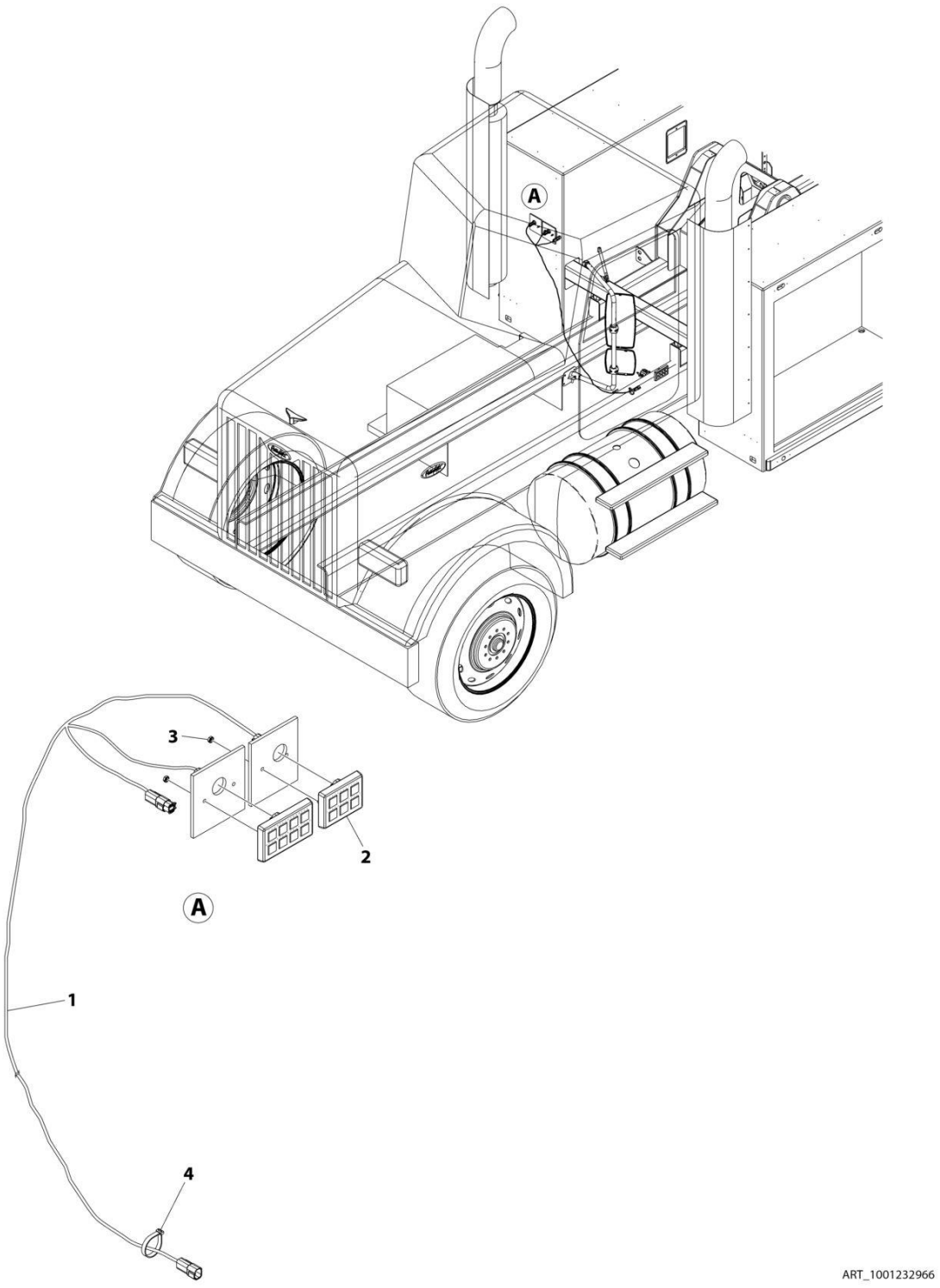


FIGURE 7-46. SWITCH PANEL PETE 389 LOW DUAL LIGHTING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232966	Ref	Switch Panel Pete 389 Low Dual Lighting Installation	A
1	1001208976	1	Harness	
2	1001211004	2	Electrical Assembly	
3	7661000023	4	Nut #10	
4	7894000004	7	Tie Strap	

FIGURE 7-47. SWITCH PANEL PETE 389 HIGH ROOF DUAL LIGHTING INSTALLATION

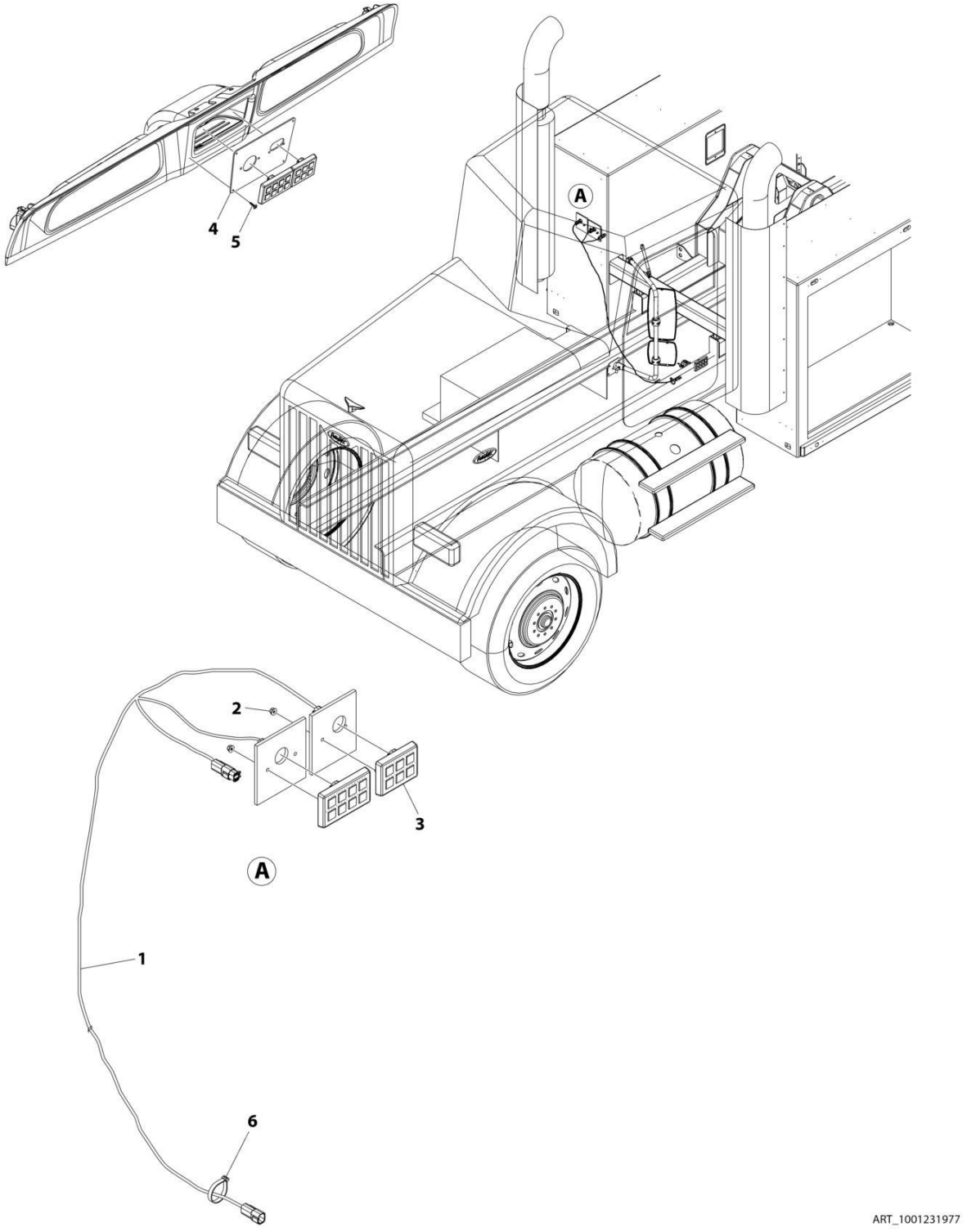


FIGURE 7-47. SWITCH PANEL PETE 389 HIGH ROOF DUAL LIGHTING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231977	Ref	Switch Panel Pete 389 High Roof Dual Lighting Installation	A
1	1001208976	1	Harness	
2	1001209616	4	Nut #10	
3	1001211004	1	Electrical Assembly	
4	1001231976	1	Support, Switch Panel	
5	1001232209	4	Screw #8	
6	7894000004	7	Tie Strap	

FIGURE 7-48. SWITCH PANEL PETE 567 LIGHTING INSTALLATION

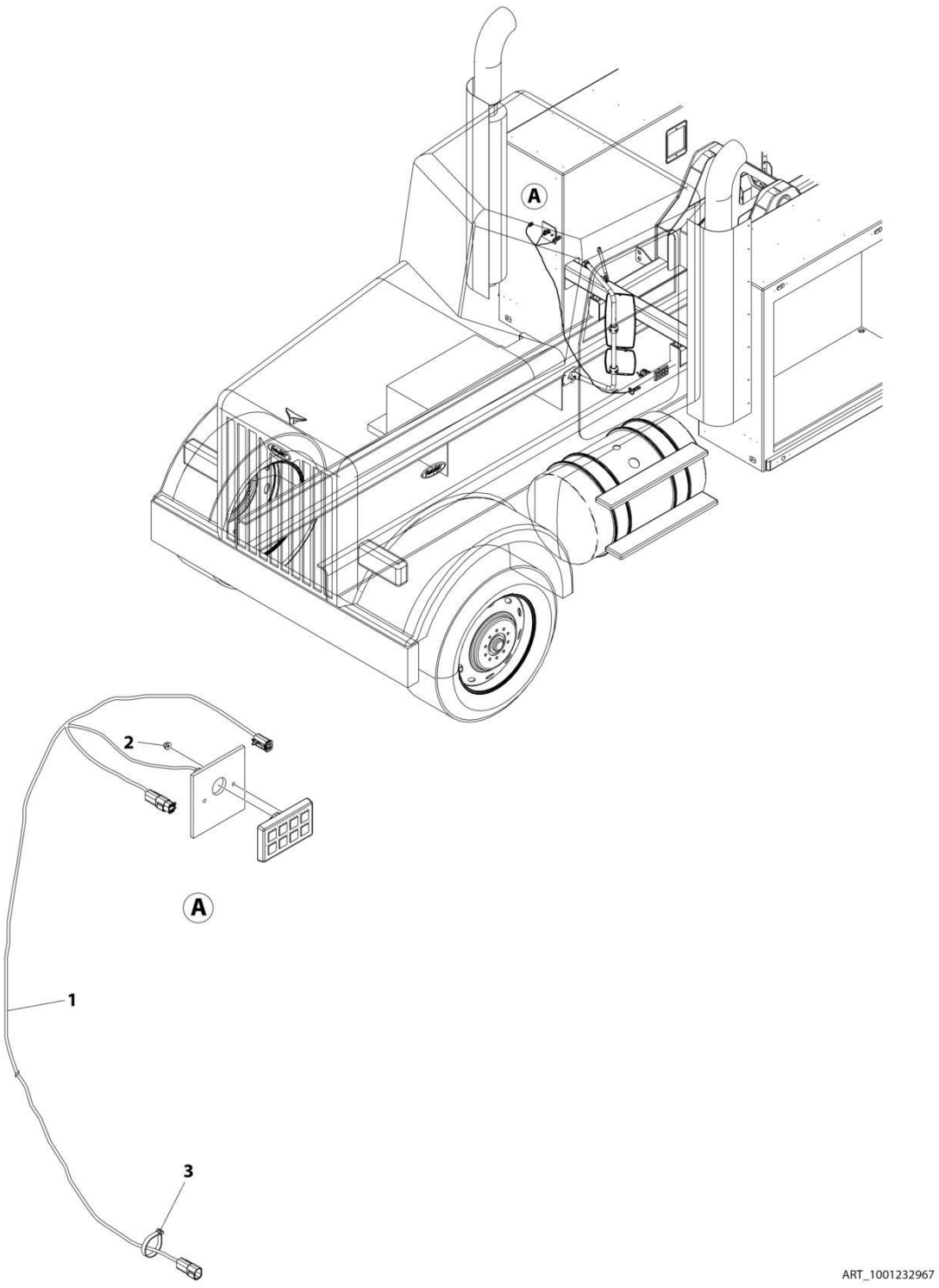


FIGURE 7-48. SWITCH PANEL PETE 567 LIGHTING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232967	Ref	Switch Panel PETE 567 Lighting Installation	A
1	1001208976	1	Harness	
2	1001209616	2	Nut #10	
3	7894000004	7	Tie Strap	

FIGURE 7-49. SWITCH PANEL PETE 567 DUAL LIGHTING INSTALLATION

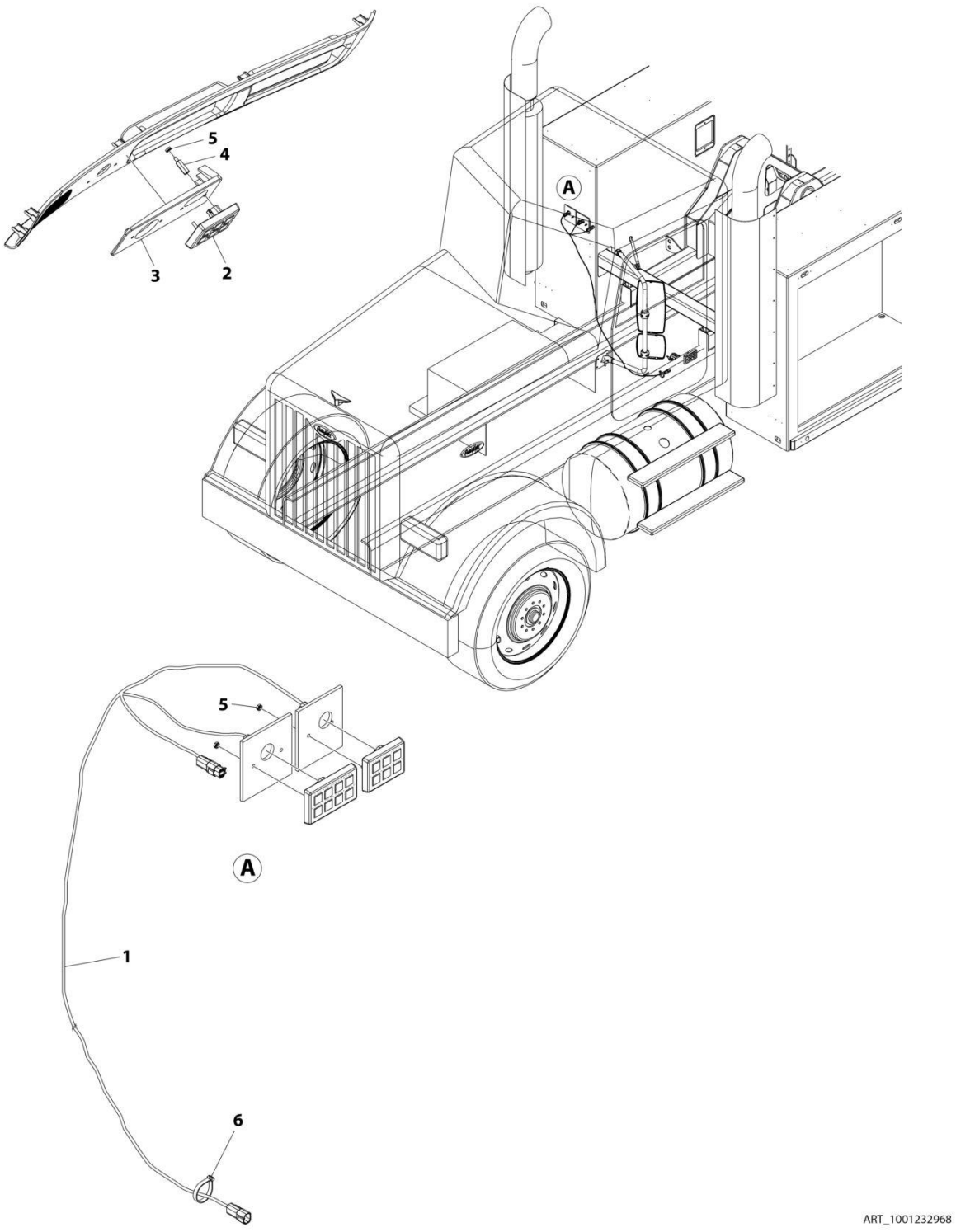


FIGURE 7-49. SWITCH PANEL PETE 567 DUAL LIGHTING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232968	Ref	Switch Panel Pete 567 Dual Lighting Installation	A
1	1001208976	1	Harness	
2	1001211004	1	Electrical Assembly	
3	1001232956	1	Support, Switch Panel	
4	1001234537	1	Stud	
5	7661000023	4	Nut #10	
6	7894000004	7	Tie Strap	

FIGURE 7-50. TRAILER PLUG INSTALLATION - 7 WAY

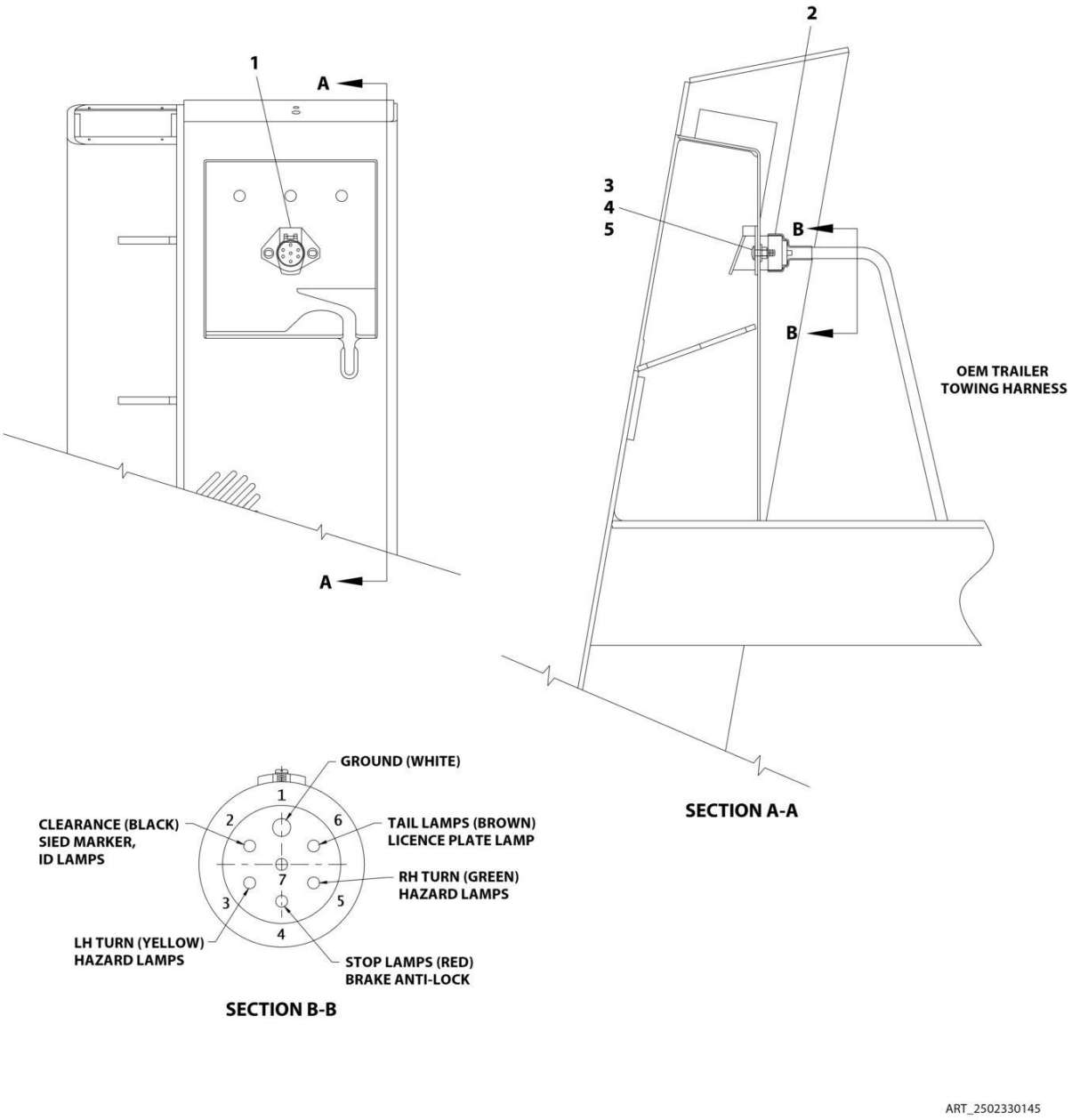
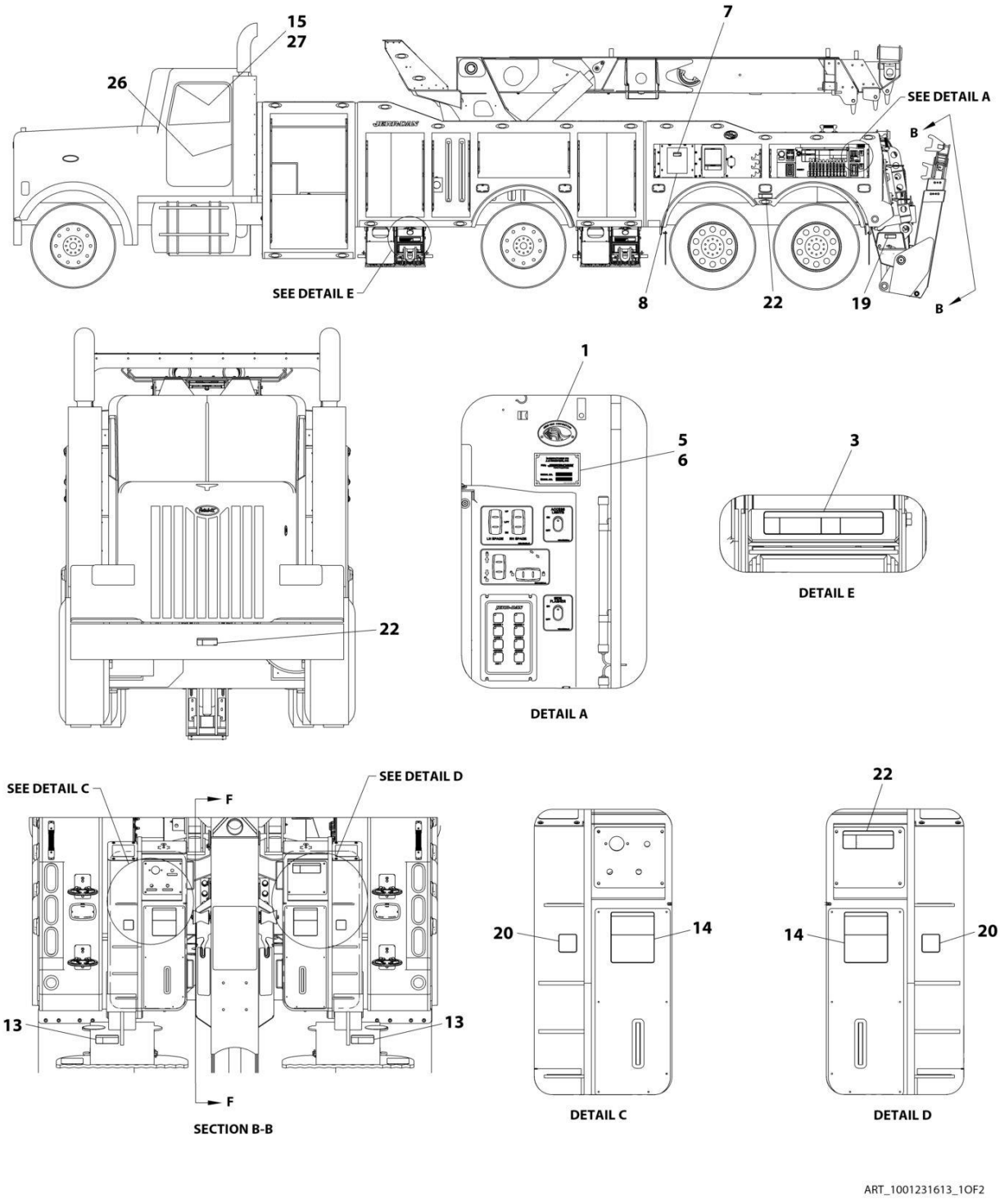


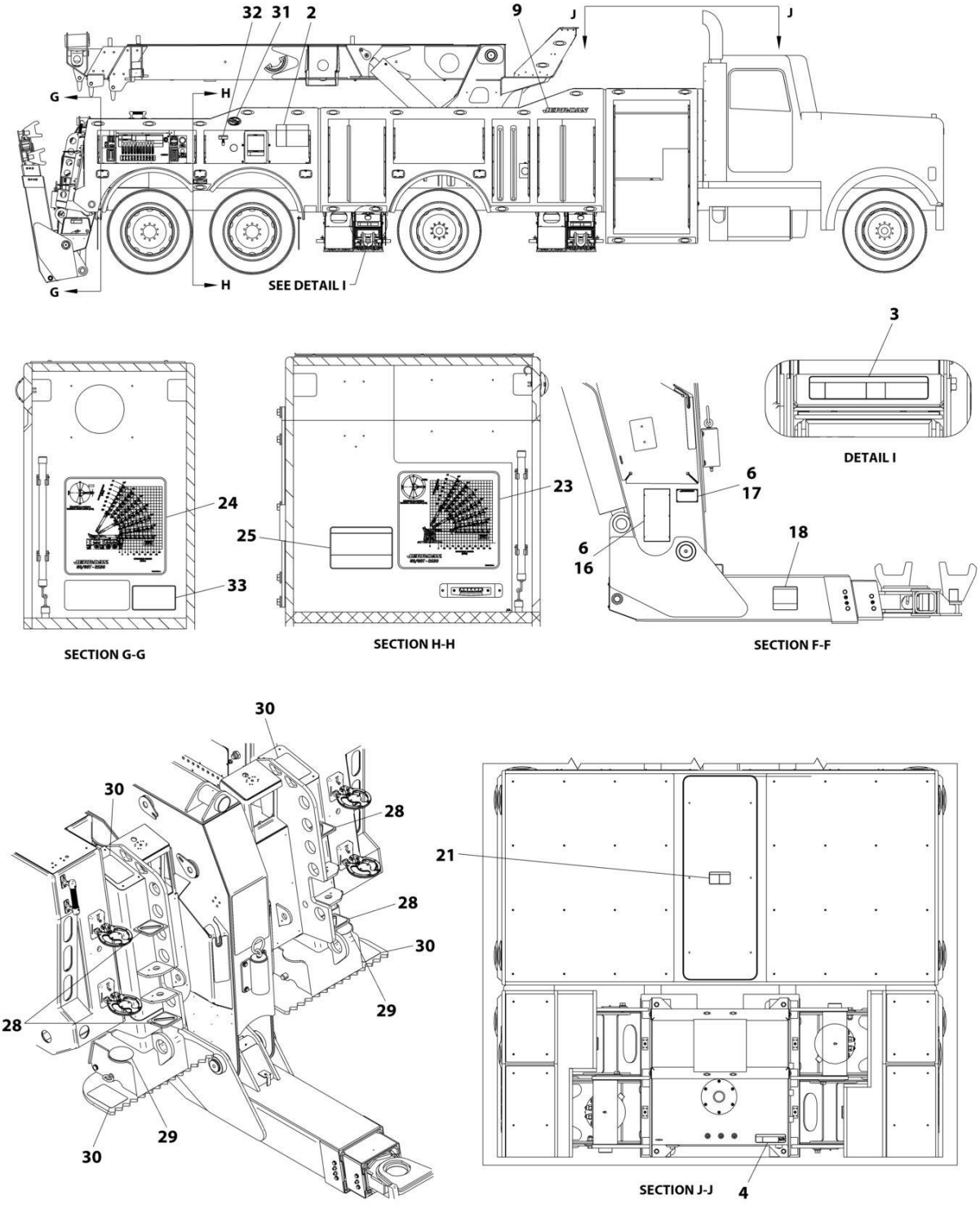
FIGURE 7-50. TRAILER PLUG INSTALLATION - 7 WAY

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	

SECTION 8 - DECALS

FIGURE 8-1. DECAL INSTALLATION - S100



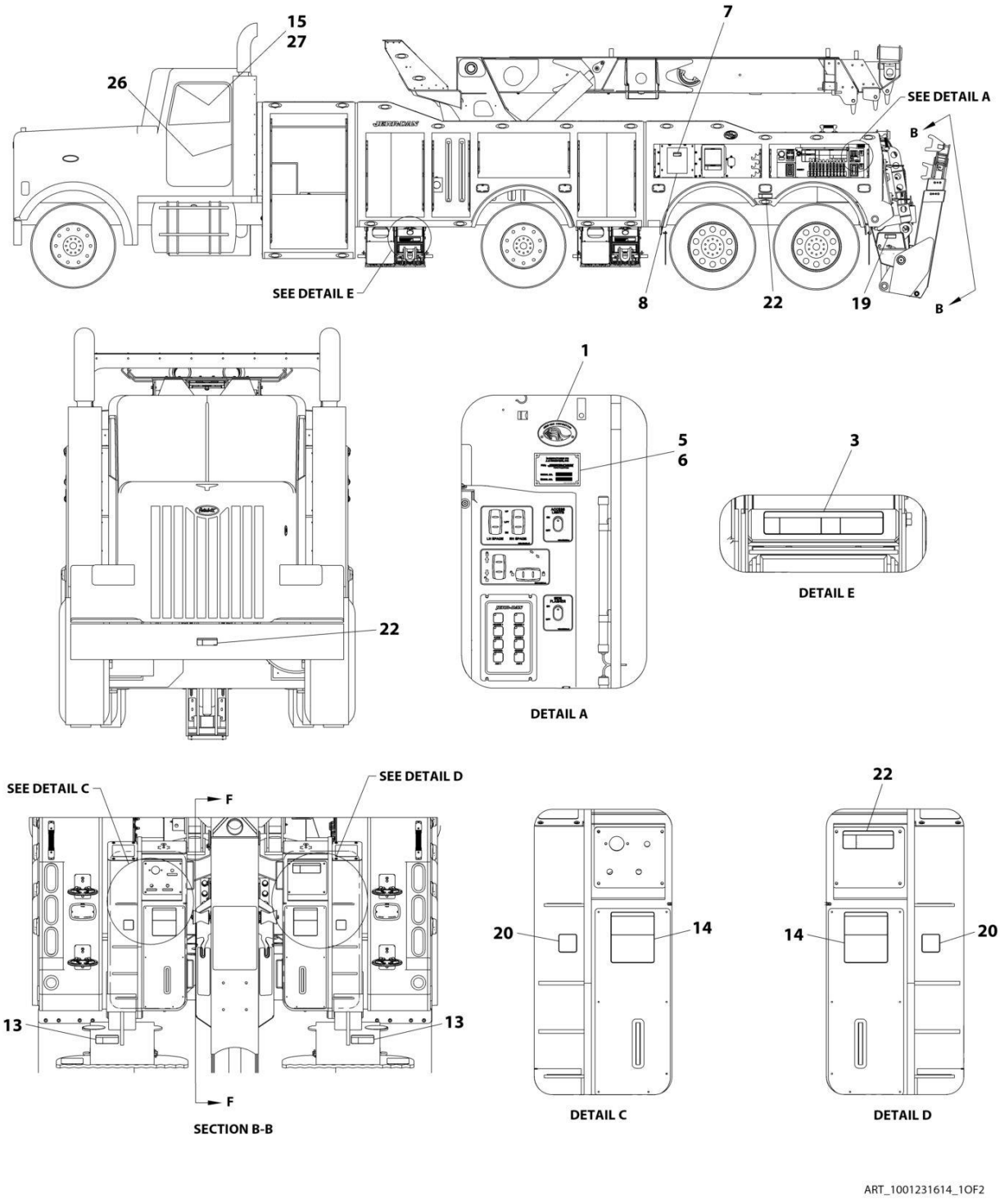

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SECTION J-J
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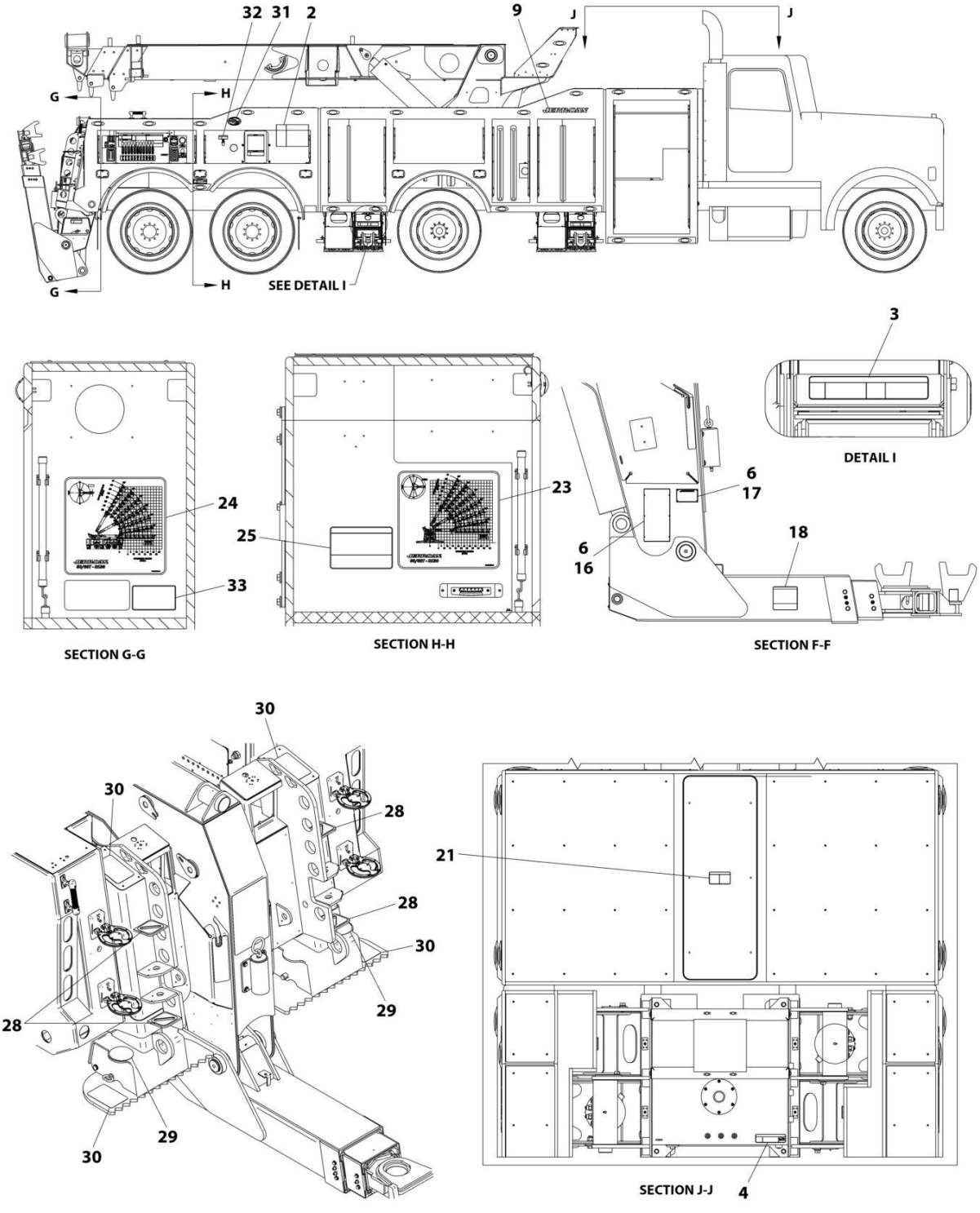
SECTION 8 - DECALS

FIGURE 8-1. DECAL INSTALLATION - S100

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231613	Ref	DECAL INSTALLATION - S100	C
1	7330000143	1	Decal, Made in USA	
2	1001136175	1	Decal, Lube Chart	
3	1001137185	4	Decal, Outrigger/Spade Warning	
4	1001136119	1	Decal, Hydraulic Fluid	
5	1001127220	1	Decal	
6	7759000004	14	Rivet	
7	1001136075	1	Decal, High Voltage	
8	1001232660	1	Decal, Fuse Panel	
9	1001206367	2	Decal, Jerr-Dan Logo	
13	1001136094	2	Decal, Crushing Hazard	
14	1001136091	2	Decal, Towed Load Hazard	
15	1001142828	1	Decal, Fall Hazard	
16	1001132242	1	Decal	
17	1001132346	1	Patent Placard	
18	1001137169	2	Decal, Pinch Hazard	
19	1001136080	2	Decal, Recovery Stability	
20	1001142452	2	Decal, No Step	
21	1001138612	1	Decal, Battery Warning	
22	1001136103	4	Decal, Power Line Warning	
23	1001200563	2	Decal, Load Chart	
24	1001200562	2	Decal, Load Chart	
25	1001138537	2	Decal, Hook Notice	
26	7330000689	1	Decal	
27	1001141227	1	Decal, Backing Hazard	
28	1001174339	4	Decal, Spade Housing Step	
29	1001174343	2	Decal, Spade Step Circle	
30	1001174346	4	Decal, Spade Step	
31	1001206364	2	Decal, JFB Badge	
32	1001232477	1	Decal, Charging Cable	
33	1001231801	2	Decal, Warning	

FIGURE 8-2. DECAL INSTALLATION - S130





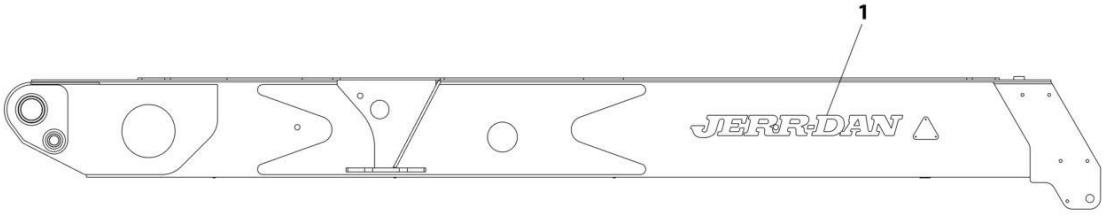
ART_1001231614_2OF2

SECTION 8 - DECALS

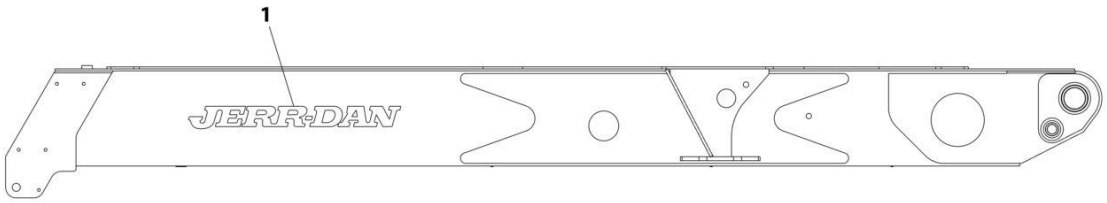
FIGURE 8-2. DECAL INSTALLATION - S130

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231614	Ref	DECAL INSTALLATION - S130	C
1	7330000143	1	Decal, Made in USA	
2	1001136175	1	Decal, Lube Chart	
3	1001137185	4	Decal, Outrigger/Spade Warning	
4	1001136119	1	Decal, Hydraulic Fluid	
5	1001127220	1	Decal	
6	7759000004	14	Rivet	
7	1001136075	1	Decal, High Voltage	
8	1001232660	1	Decal, Fuse Panel	
9	1001206367	2	Decal, Jerr-Dan Logo	
13	1001136094	2	Decal, Crushing Hazard	
14	1001136091	2	Decal, Towed Load Hazard	
15	1001142828	1	Decal, Fall Hazard	
16	1001132242	1	Decal	
17	1001132346	1	Patent Placard	
18	1001137169	2	Decal, Pinch Hazard	
19	1001136080	2	Decal, Recovery Stability	
20	1001142452	2	Decal, No Step	
21	1001138612	1	Decal, Battery Warning	
22	1001136103	4	Decal, Power Line Warning	
23	1001191519	2	Decal, Load Chart	
24	1001191518	2	Decal, Load Chart	
25	1001138537	2	Decal, Hook Notice	
26	7330000689	1	Decal	
27	1001141227	1	Decal, Backing Hazard	
28	1001174339	4	Decal, Spade Housing Step	
29	1001174343	2	Decal, Spade Step Circle	
30	1001174346	4	Decal, Spade Step	
31	1001206364	2	Decal, JFB Badge	
32	1001232477	1	Decal, Charging Cable	
33	1001231801	2	Decal, Warning	

FIGURE 8-3. JERR-DAN RED LOGO INSTALLATION



LH SIDE



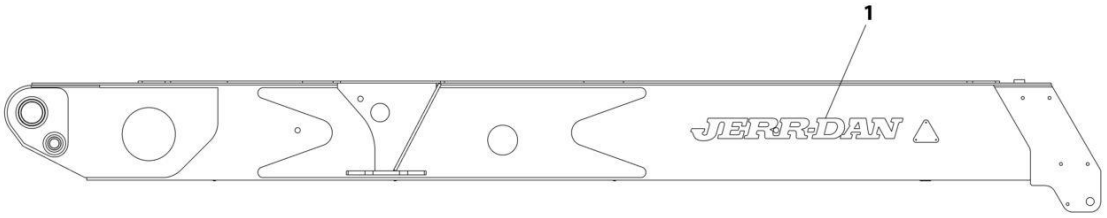
RH SIDE

ART_1001142894

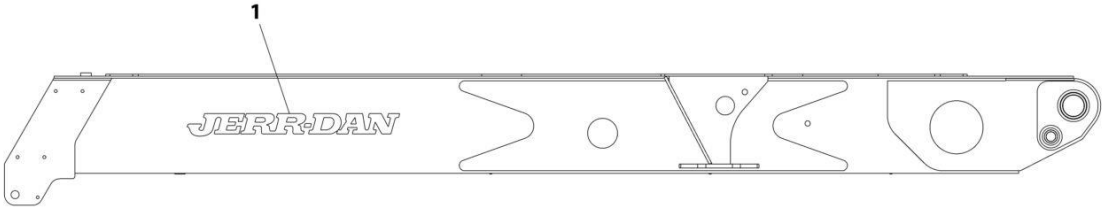
FIGURE 8-3. JERR-DAN RED LOGO INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142894	Ref	JERR-DAN RED LOGO INSTALLATION	D
1	1001234075	2	Decal, Jerr-Dan Red logo	

FIGURE 8-4. JERR-DAN WHITE LOGO INSTALLATION



LH SIDE



RH SIDE

ART_1001136696

FIGURE 8-4. JERR-DAN WHITE LOGO INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001136696	Ref	JERR-DAN WHITE LOGO INSTALLATION	D
1	1001234076	2	Decal, Jerr-Dan White logo	

SECTION 9 - ACCESSORIES

FIGURE 9-1. AIR, EMERGENCY AND SERVICE GLAD HANDS

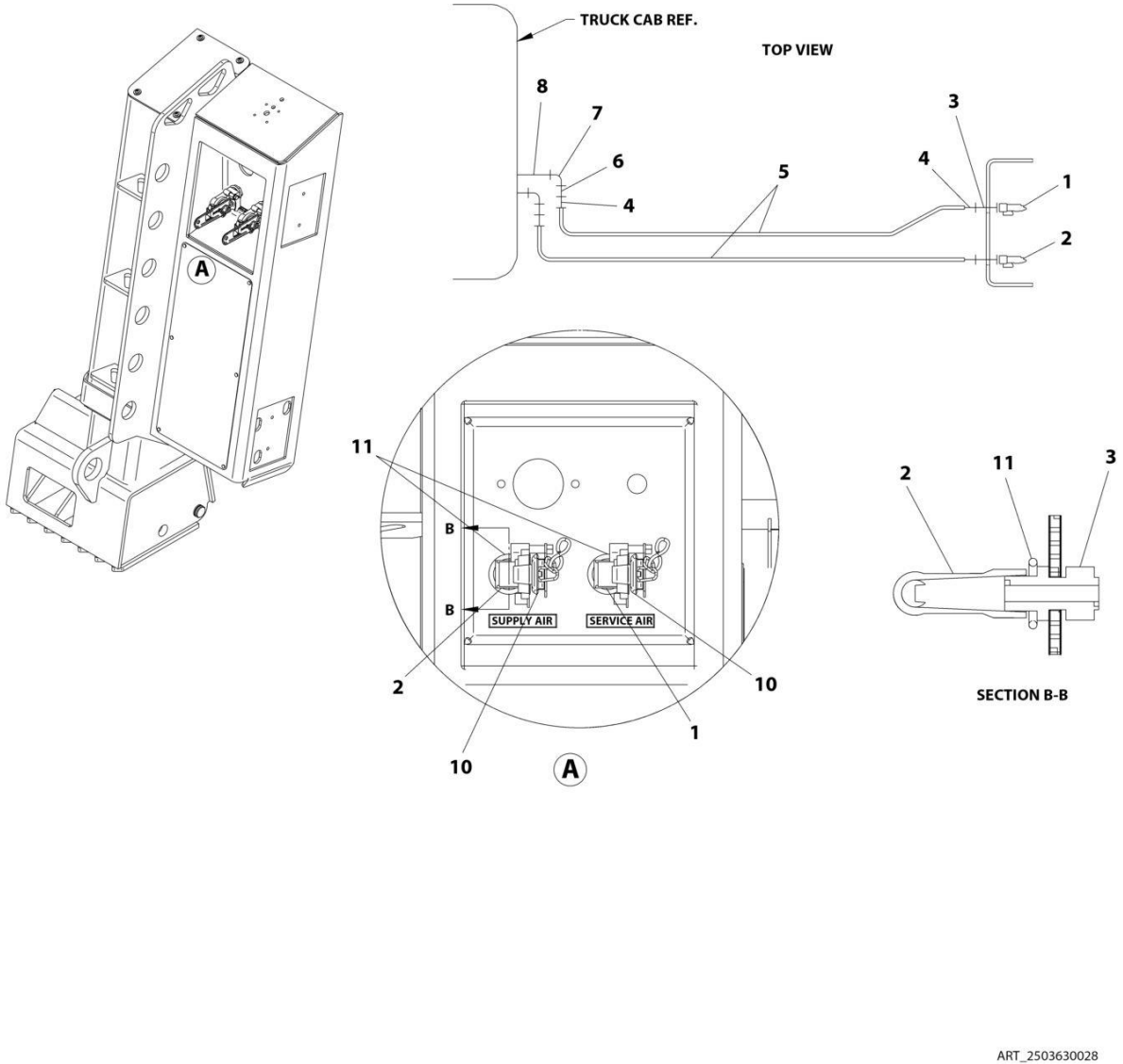


FIGURE 9-1. AIR, EMERGENCY AND SERVICE GLAD HANDS

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 9-2. JFB STORAGE COMPONENTS INSTALLATION - 39IN WITH TOW

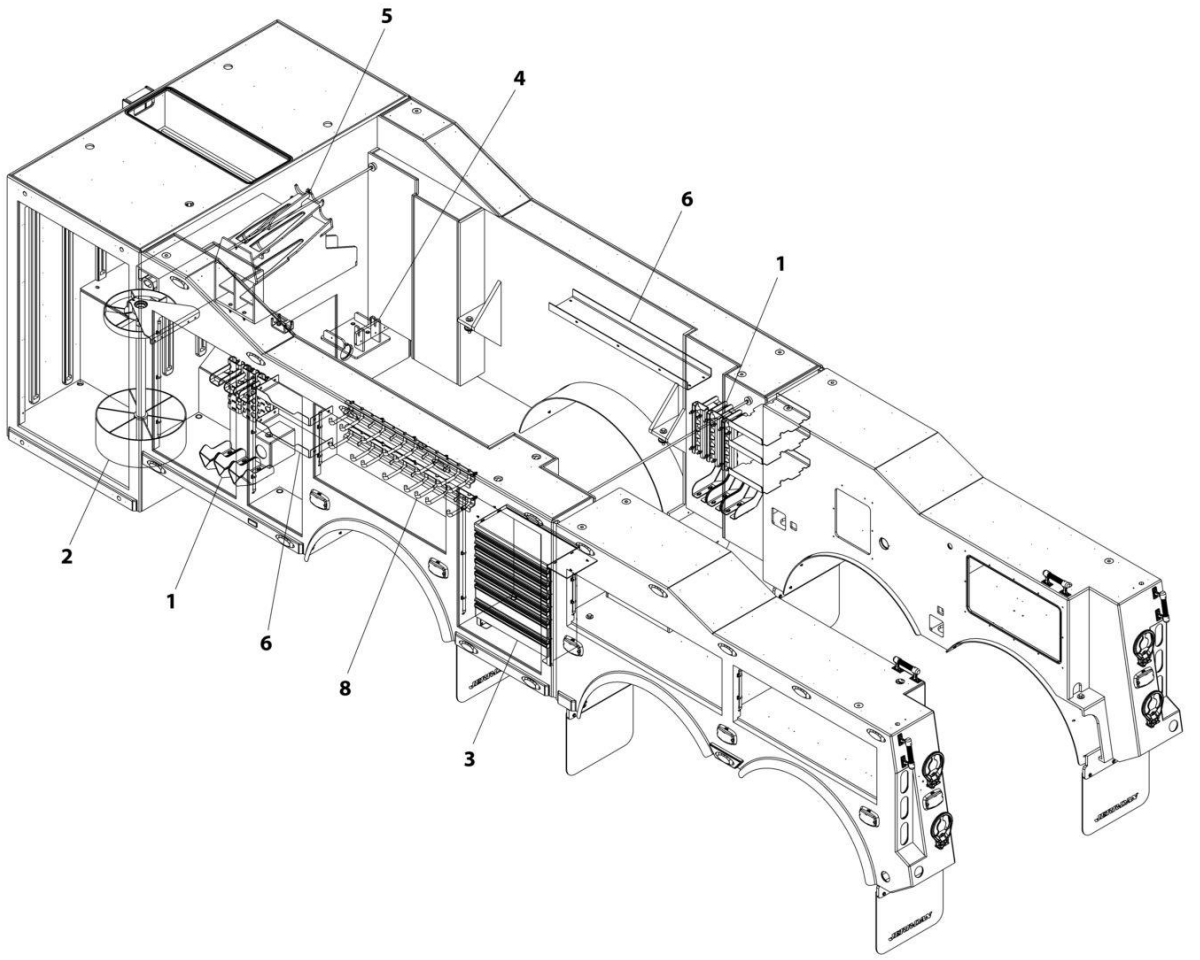


FIGURE 9-2. JFB STORAGE COMPONENTS INSTALLATION - 39IN WITH TOW

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233308	Ref	JFB STORAGE COMPONENTS INSTALLATION - 39IN WITH TOW	C
1	1001164609	1	Snatch Blocks Installation (See Separate Breakdown in this Section)	
2	1001165563	1	Rotary Tool Wrack Installation (See Separate Breakdown in this Section)	
3	1001170845	1	Tool Drawer Installation (See Separate Breakdown in this Section)	
4	1001195943	1	Fifth Wheel Storage Installation (See Separate Breakdown in this Section)	
5	1001205796	1	Tire Storage Installation (See Separate Breakdown in this Section)	
6	1001209940	1	Mid Body Shelving Installation (See Separate Breakdown in this Section)	
8	1001210091	1	Shackle Rack Installation (See Separate Breakdown in this Section)	

FIGURE 9-3. BOTTLE JACK STORAGE INSTALLATION

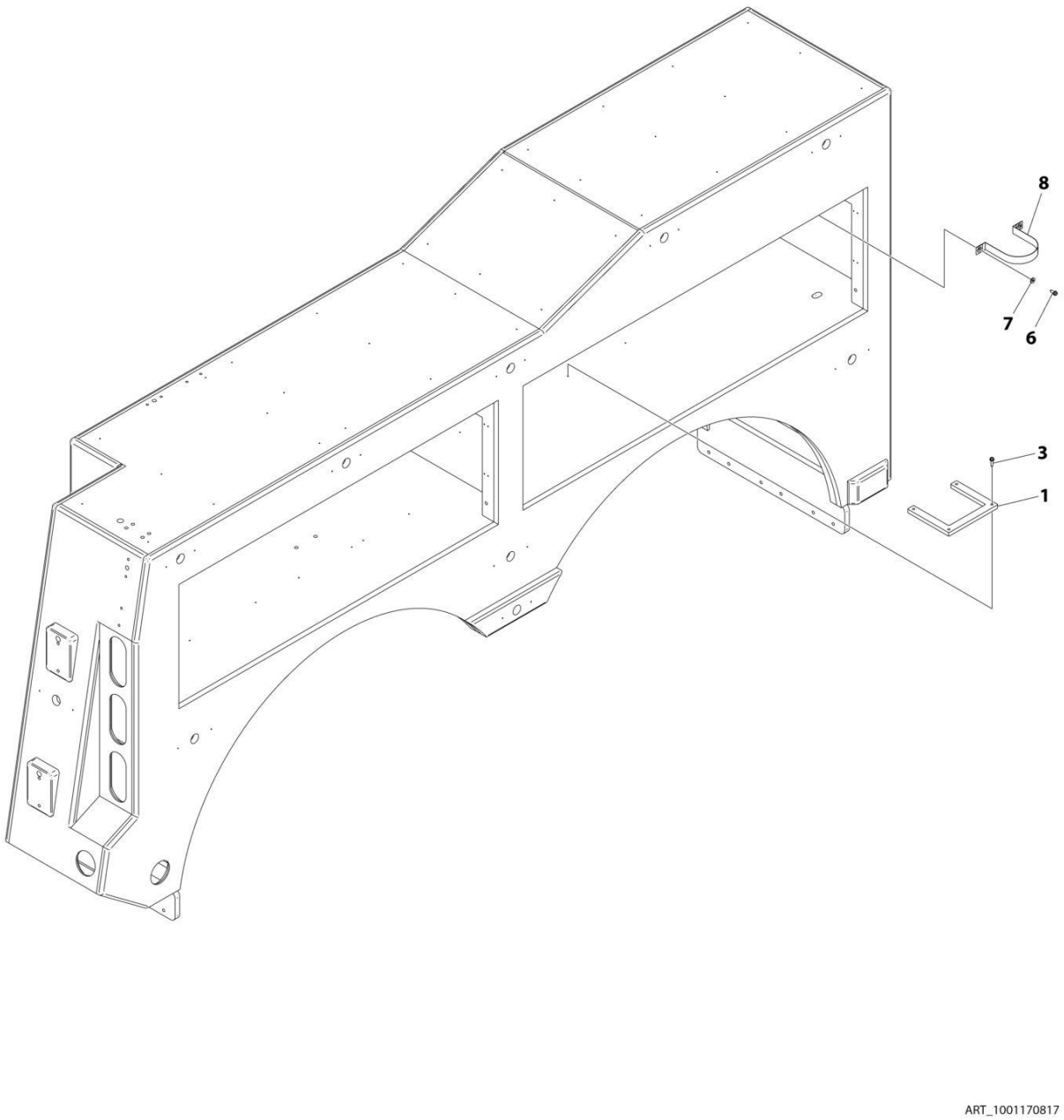


FIGURE 9-3. BOTTLE JACK STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170817	Ref	Bottle Jack Storage Installation	D
1	1001170839	1	Bracket	
3	7790141651	4	Screw 1/4 x 1	
6	7790141251	2	Screw 1/4 x 3/4	
7	7950140143	2	Washer 1/4	
8	1001167286	2	Strap	

FIGURE 9-4. CHAIN BINDER STORAGE INSTALLATION - WITHOUT TANK

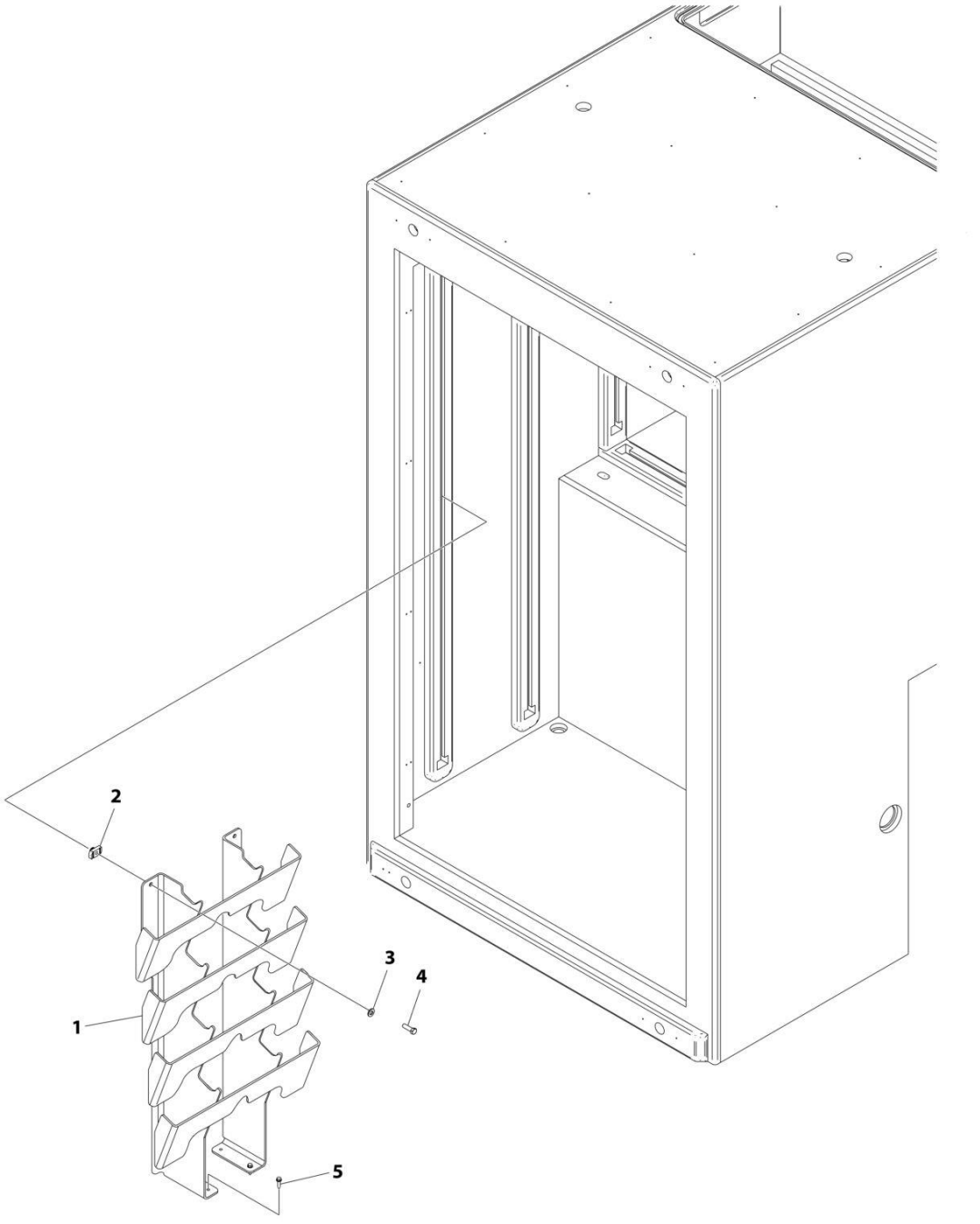


FIGURE 9-4. CHAIN BINDER STORAGE INSTALLATION - WITHOUT TANK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165757	Ref	Chain Binder Storage Installation - Without Tank	B
1	1001165687	1	Bracket	
2	1001166644	4	Spring Nut 3/8	
3	7950160143	4	Washer 3/8	
4	1001169080	4	Bolt 3/8 x 1/4	
5	7790141651	2	Screw 1/4 x 1	

FIGURE 9-5. CHAIN BINDER STORAGE INSTALLATION - WITH TANK

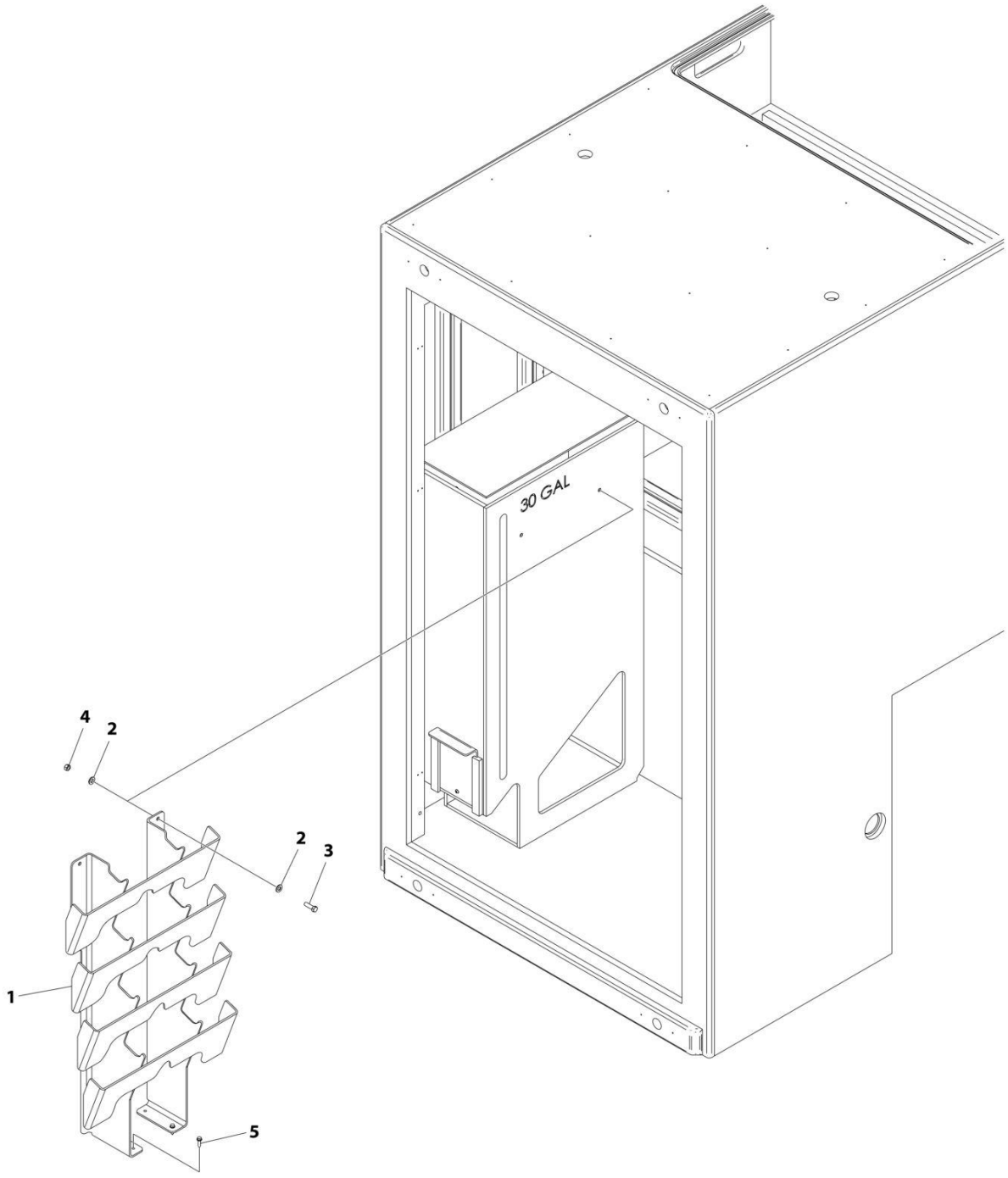
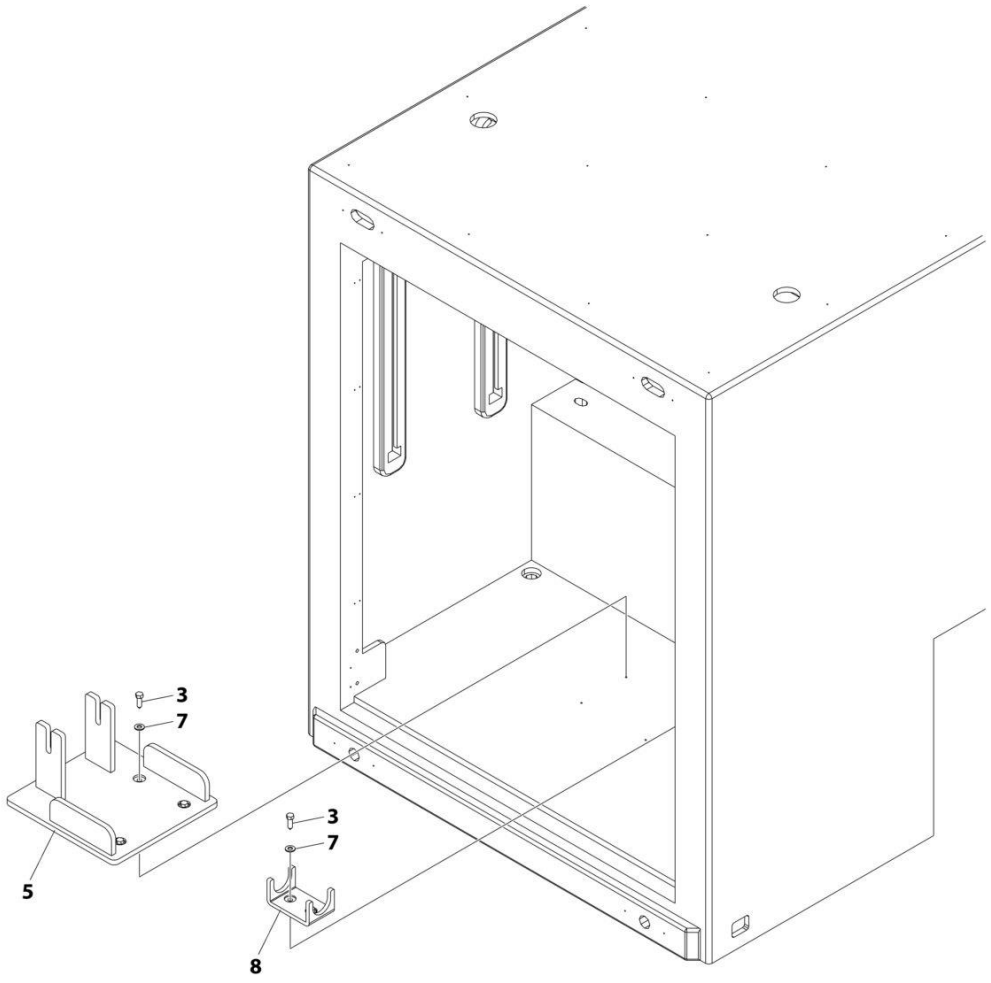


FIGURE 9-5. CHAIN BINDER STORAGE INSTALLATION - WITH TANK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170545	Ref	Chain Binder Storage Installation - With Tank	B
1	1001165687	1	Bracket	
2	7950160143	8	Washer 3/8	
3	1001169080	4	Bolt 3/8 x 1/4	
4	7660162604	4	Nut 3/8	
5	7790141651	2	Screw 1/4 x 1	

FIGURE 9-6. FIFTH WHEEL STORAGE INSTALLATION



ART_1001195943

FIGURE 9-6. FIFTH WHEEL STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195943	Ref	Fifth Wheel Storage Installation	C
3	1001168545	6	Screw 3/8 x 1-1/4	
5	1001190568	1	Bracket	
7	7950160143	6	Washer 3/8	
8	1001191810	1	Bracket	

FIGURE 9-7. FIFTH WHEEL STORAGE INSTALLATION (SN 0230008452 to Present)

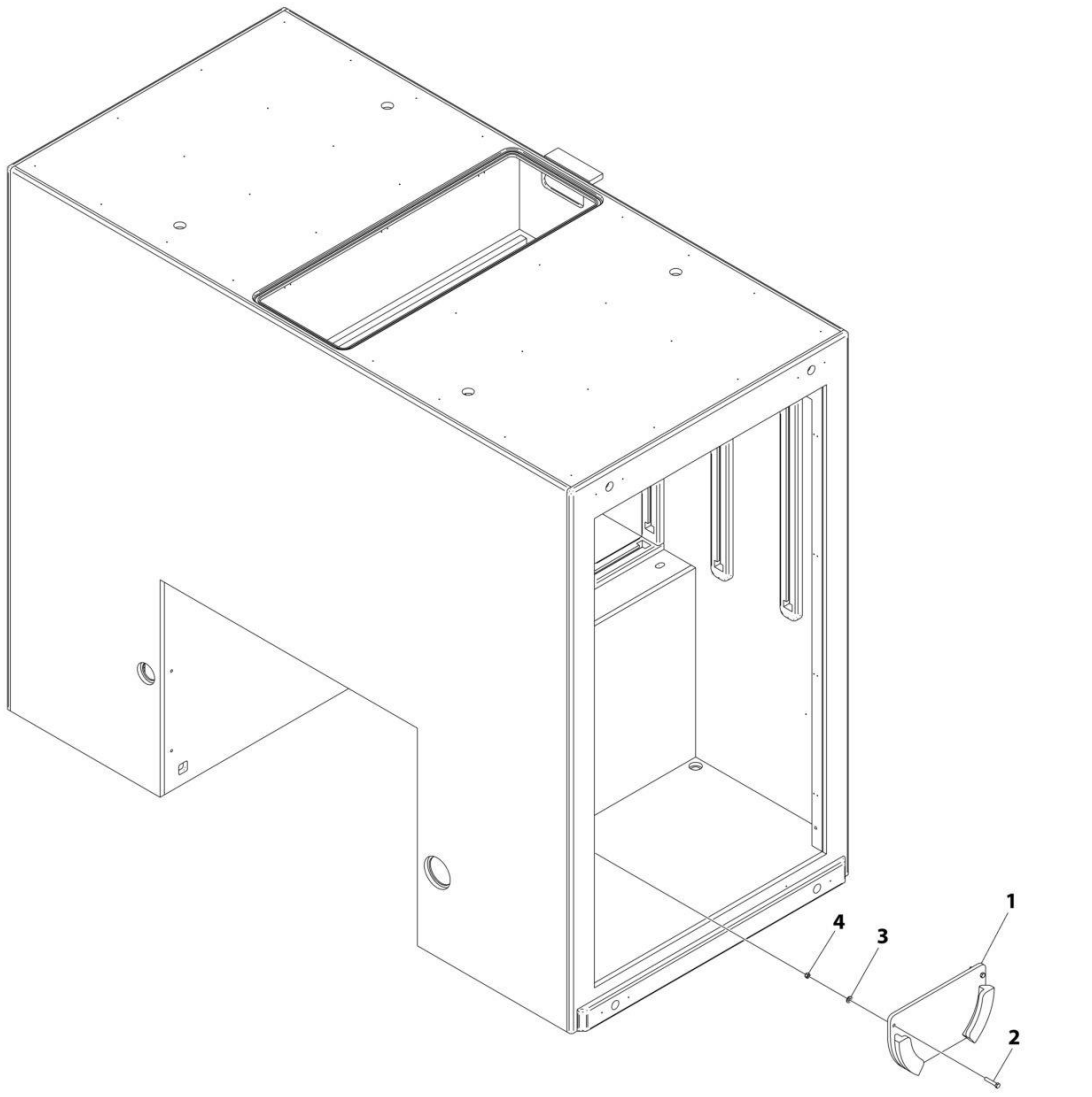
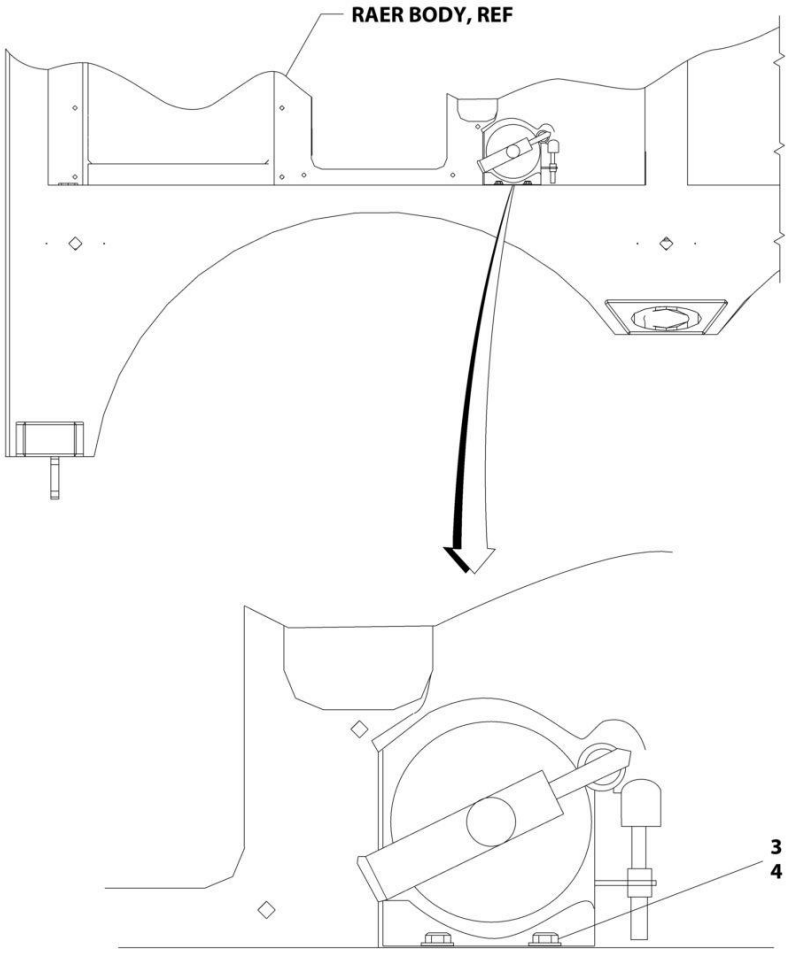


FIGURE 9-7. FIFTH WHEEL STORAGE INSTALLATION (SN 0230008452 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170534	Ref	FIFTH WHEEL STORAGE INSTALLATION	D
1	1001170550	1	Bracket	
2	1001169083	2	Bolt 3/8 x 2	
3	7950160143	2	Washer 3/8	
4	7660162601	2	Nut 3/8	

FIGURE 9-8. FIRE EXTINGUISHER INSTALLATION



ART_1001170803

FIGURE 9-8. FIRE EXTINGUISHER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170803	Ref	Fire Extinguisher Installation	B
3	1001168428	8	Screw 3/8 x 1	
4	7950160143	8	Washer 3/8	

FIGURE 9-9. FLASHLIGHT MOUNT INSTALLATION

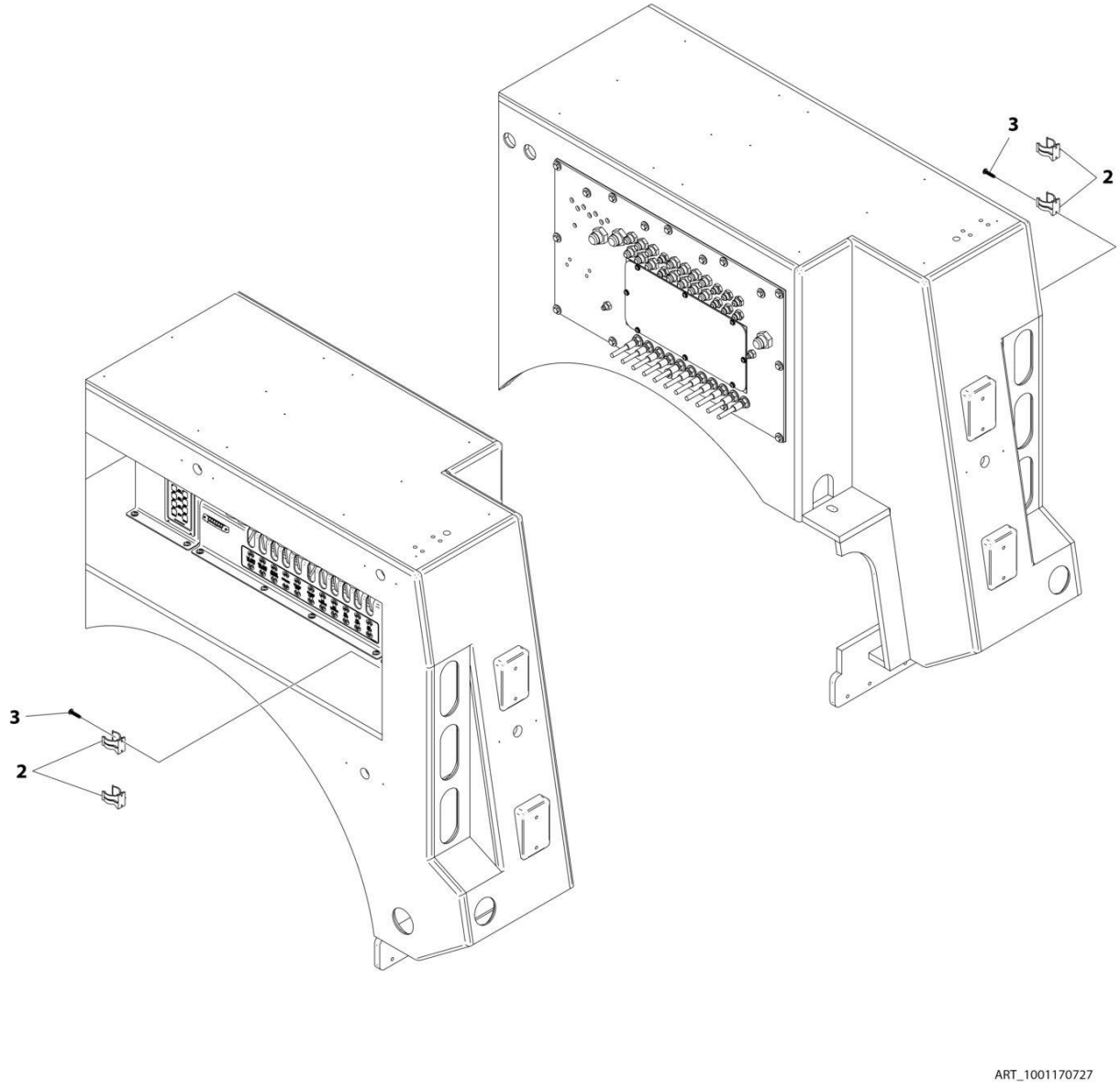


FIGURE 9-9. FLASHLIGHT MOUNT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170727	Ref	Flashlight Mount Installation	D
2	1001170725	2	Mount, Flashlight	
3	1001196552	8	Screw #8 x 3/4	

FIGURE 9-10. FORK RISER STORAGE INSTALLATION

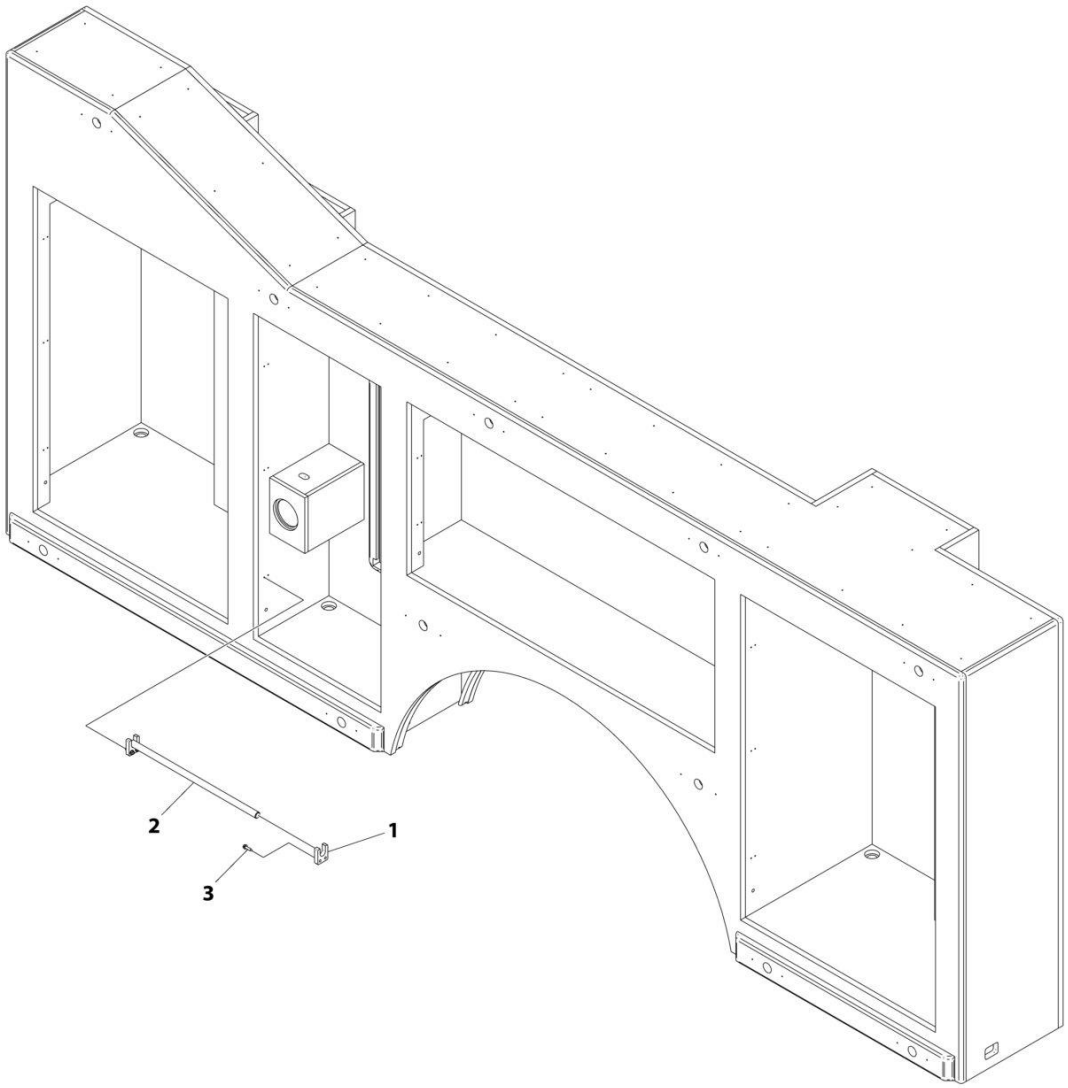


FIGURE 9-10. FORK RISER STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174883	Ref	Fork Riser Storage Installation	A
1	1001175064	2	Bracket	
2	7806000008	1	Rod	
3	7790141651	4	Screw 1/4 x 1	

FIGURE 9-11. FRAME FORK INSTALLATION

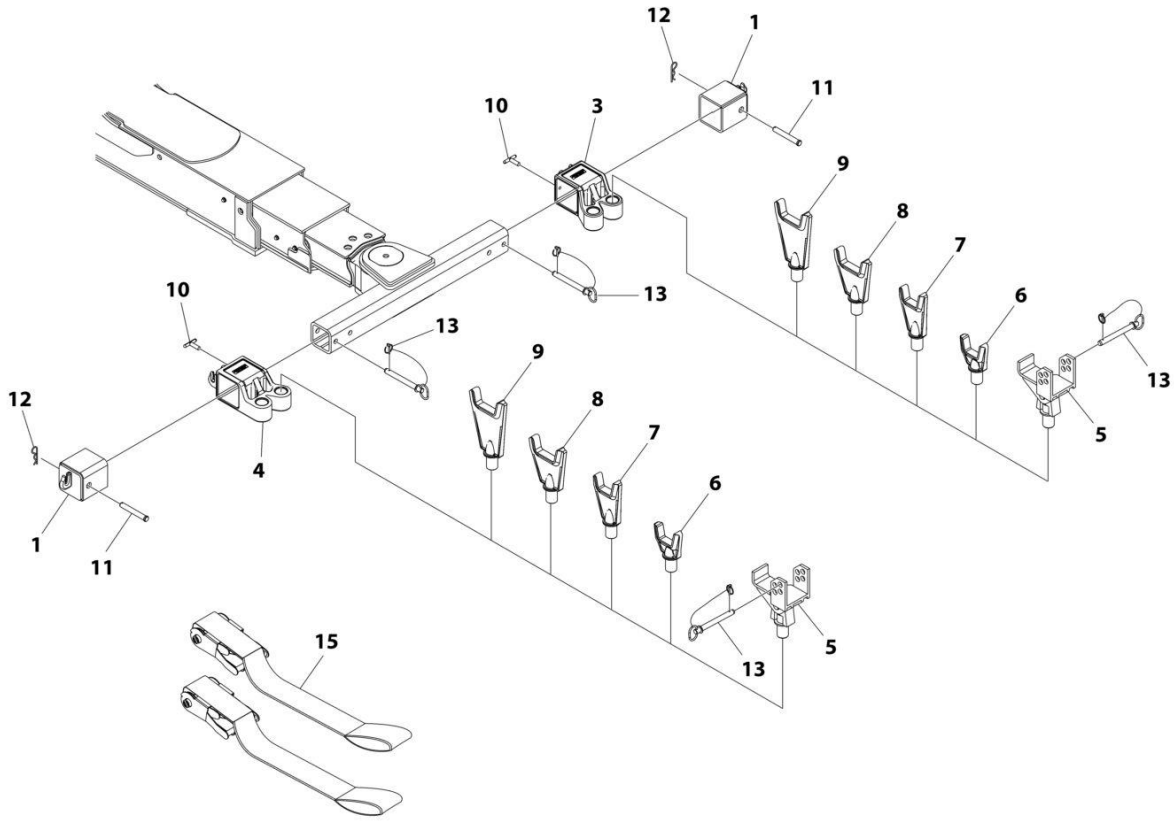


FIGURE 9-11. FRAME FORK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2503870011	Ref	Frame Fork Installation	H
1	3007000004	2	Chain Hook Adapter	
3	7007000056	1	Frame Fork Adapter, RH	
4	7007000055	1	Frame Fork Adapter, LH	
5	3178000226	2	Spring Lift Bracket	
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	
11	7691000022	2	Pin	
12	7691000020	2	Pin	
13	7691000021	4	Pin	
15	1001159568	1	Strap	

FIGURE 9-12. FRAME FORK STORAGE INSTALLATION (Prior to SN 0230008542)

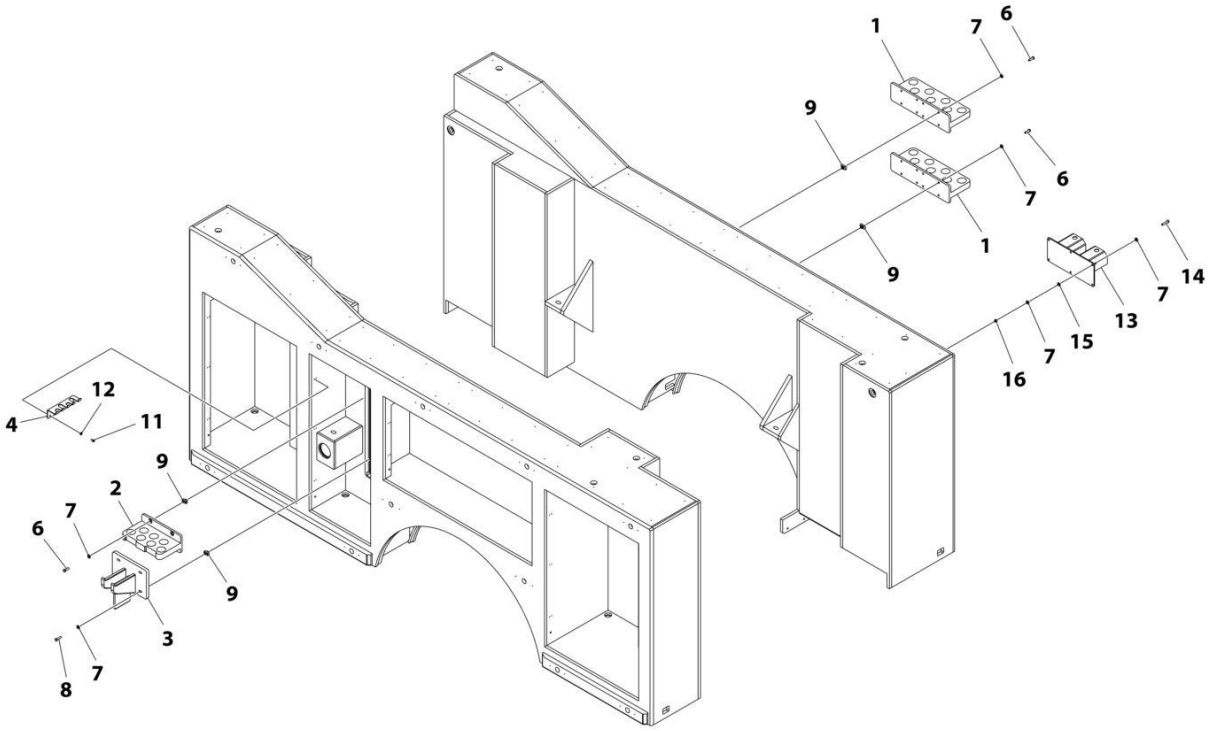


FIGURE 9-12. FRAME FORK STORAGE INSTALLATION (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168007	Ref	FRAME FORK STORAGE INSTALLATION	E
1	1001170141	2	Bracket	
2	1001170143	1	Bracket	
3	1001190926	1	Bracket	
4	1001160799	1	Bracket	
6	1001169080	12	Bolt 3/8 x 1-1/4	
7	7950160143	28	Washer 3/8	
8	1001168993	4	Bolt 3/8 x 1-1/2	
9	1001166644	16	Nut 3/8	
11	7790141251	2	Screw 1/4 x 3/4	
12	7950140143	2	Washer 1/4	
13	1001173737	1	End Caps	
14	1001168544	6	Screw 3/8 x 1-3/4	
15	1001166974	6	Washer 3/8	
16	7660162601	6	Nut 3/8	

FIGURE 9-13. FRAME FORK STORAGE INSTALLATION (SN 0230008542 to Present)

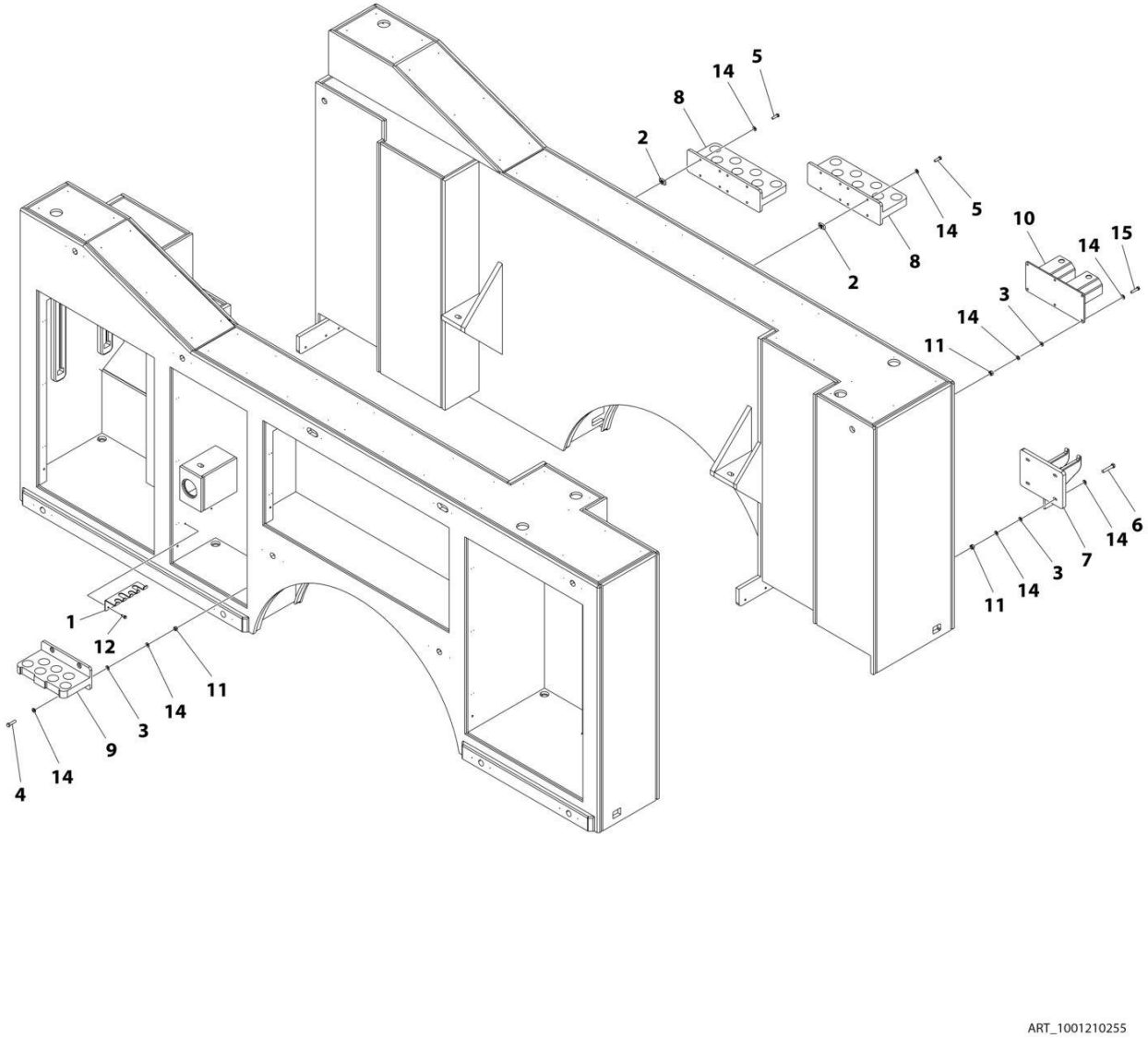


FIGURE 9-13. FRAME FORK STORAGE INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210255	Ref	FRAME FORK STORAGE INSTALLATION	E
1	1001160799	1	Bracket	
2	1001166644	8	Nut 3/8	
3	1001166974	14	Washer 3/8	
4	1001168993	4	Bolt 3/8 x 1-1/2	
5	1001169080	8	Bolt 3/8 x 1-1/4	
6	1001169083	4	Bolt 3/8 x 2	
7	1001190926	1	Bracket	
8	1001170141	2	Bracket	
9	1001170143	1	Bracket	
10	1001173737	1	End Caps	
11	7660162601	14	Nut 3/8	
12	7790141251	2	Screw 1/4 x 3/4	
14	7950160143	36	Washer 3/8	
15	1001168544	6	Screw 3/8 x 1-3/4	

FIGURE 9-14. FORK STORAGE INSTALLATION

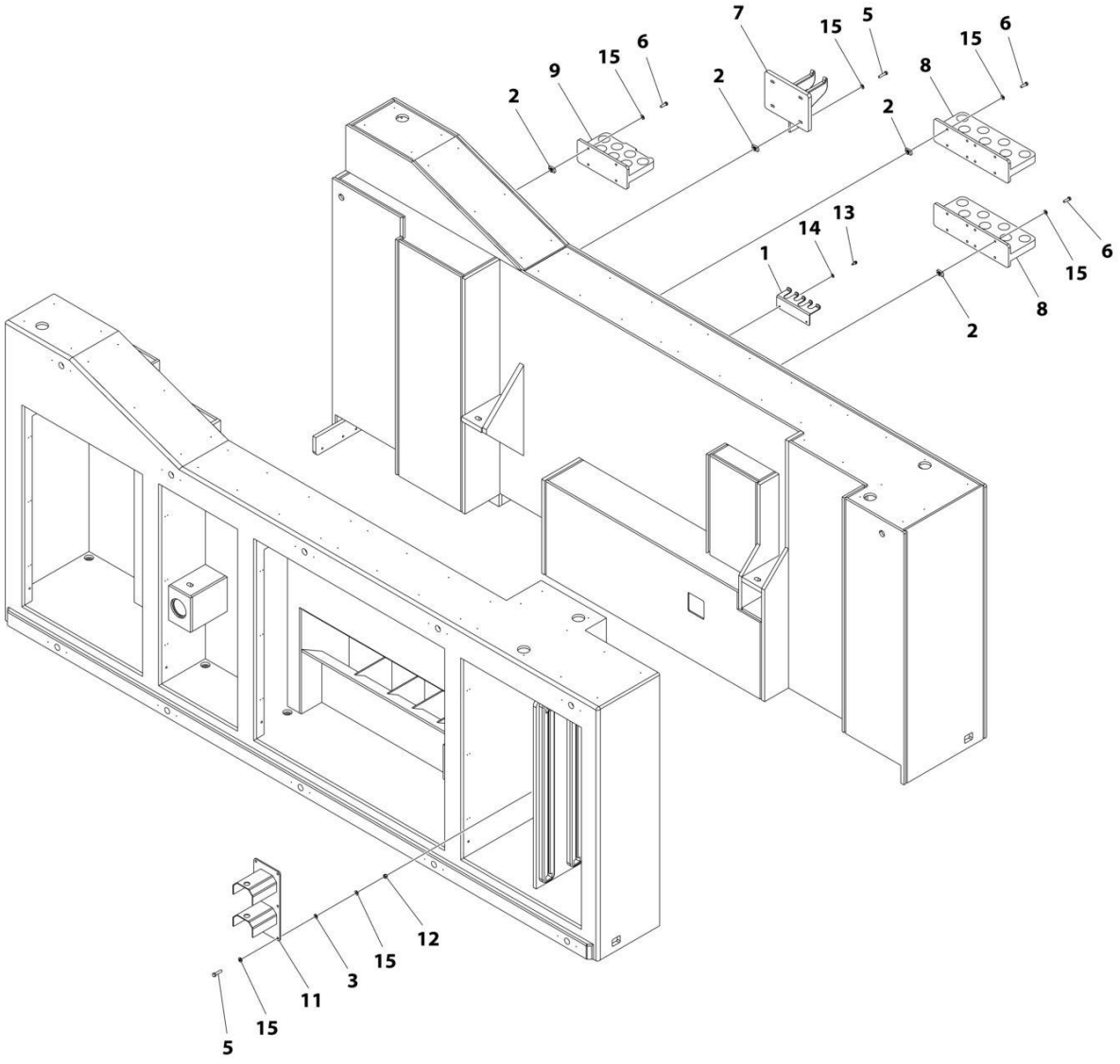


FIGURE 9-14. FORK STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182752	Ref	FORK STORAGE INSTALLATION	E
1	1001160799	1	Bracket	
2	1001166644	16	Nut 3/8	
3	1001166974	6	Washer 3/8	
5	1001168993	10	Bolt 3/8 x 1-1/2	
6	1001169080	12	Bolt 3/8 x 1-1/4	
7	1001190926	1	Bracket	
8	1001170141	2	Bracket	
9	1001170143	1	Bracket	
11	1001182756	1	Mount, End Cap	
12	7660162601	6	Nut 3/8	
13	7790141251	2	Screw 1/4 x 3/4	
14	7950140143	2	Washer 1/4	
15	7950160143	28	Washer 3/8	

FIGURE 9-15. FRAME FORK STORAGE INSTALLATION

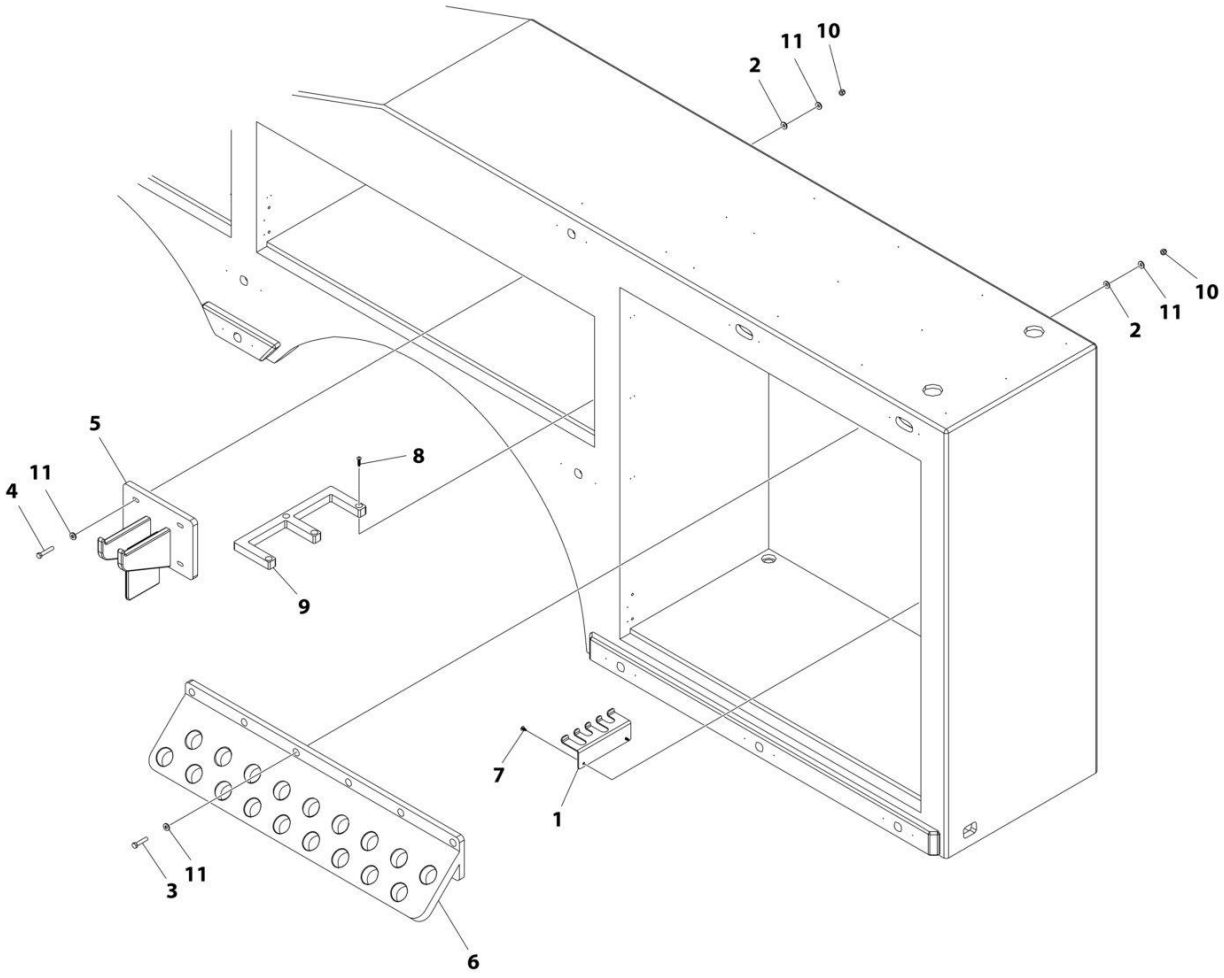


FIGURE 9-15. FRAME FORK STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263854	Ref	FRAME FORK STORAGE INSTALLATION	A
1	1001160799	1	Bracket	
2	1001166974	10	Washer 3/8	
3	1001168544	6	Screw 3/4 x 1-3/4	
4	1001169083	4	Bolt 3/8 x 2	
5	1001190926	1	Bracket	
6	1001190988	1	Bracket	
7	1001195257	2	Screw 1/4 x 1/2	
8	1001195523	4	Screw 1/4 x 1	
9	1001195838	1	Bracket	
10	7660162601	10	Nut 3/8	
11	7950160143	20	Washer 3/8	
12	5663000137	1	Manual, Frame Fork Storage (Not Shown)	

FIGURE 9-16. FRAME FORK STORAGE INSTALLATION

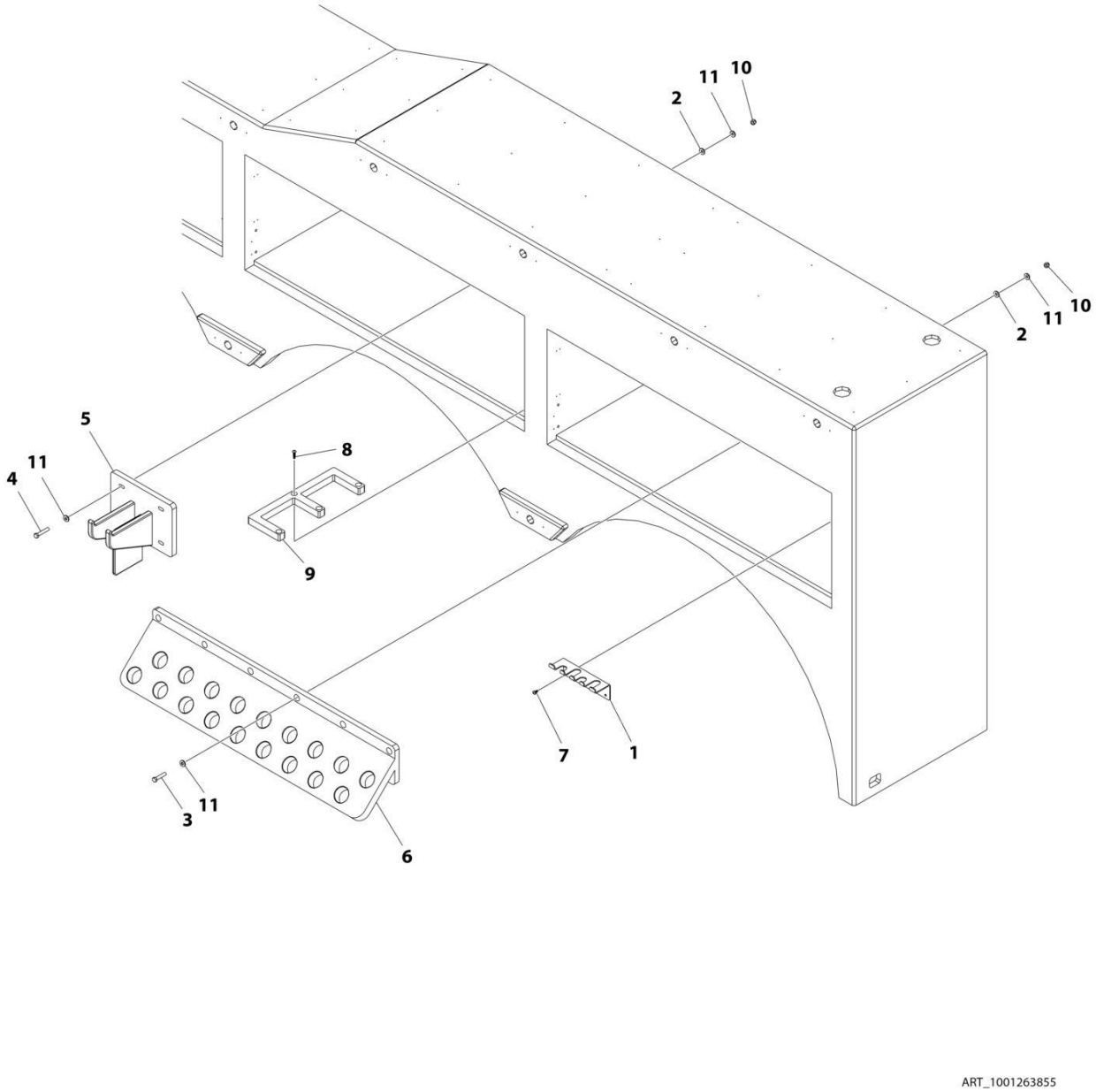


FIGURE 9-16. FRAME FORK STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263855	Ref	FRAME FORK STORAGE INSTALLATION	A
1	1001160799	1	Bracket	
2	1001166974	10	Washer 3/8	
3	1001168544	6	Bolt 3/4 x 1-3/4	
4	1001169083	4	Bolt 3/8 x 2	
5	1001190926	1	Bracket	
6	1001190988	1	Bracket	
7	1001195257	2	Screw 1/4 x 1/2	
8	1001195523	4	Screw 1/4 x 1	
9	1001195838	1	Bracket	
10	7660162601	10	Nut 3/8	
11	7950160143	20	Washer 3/8	
12	5663000137	1	Manual, Frame Fork Storage (Not Shown)	

FIGURE 9-17. FRAME FORK STORAGE INSTALLATION

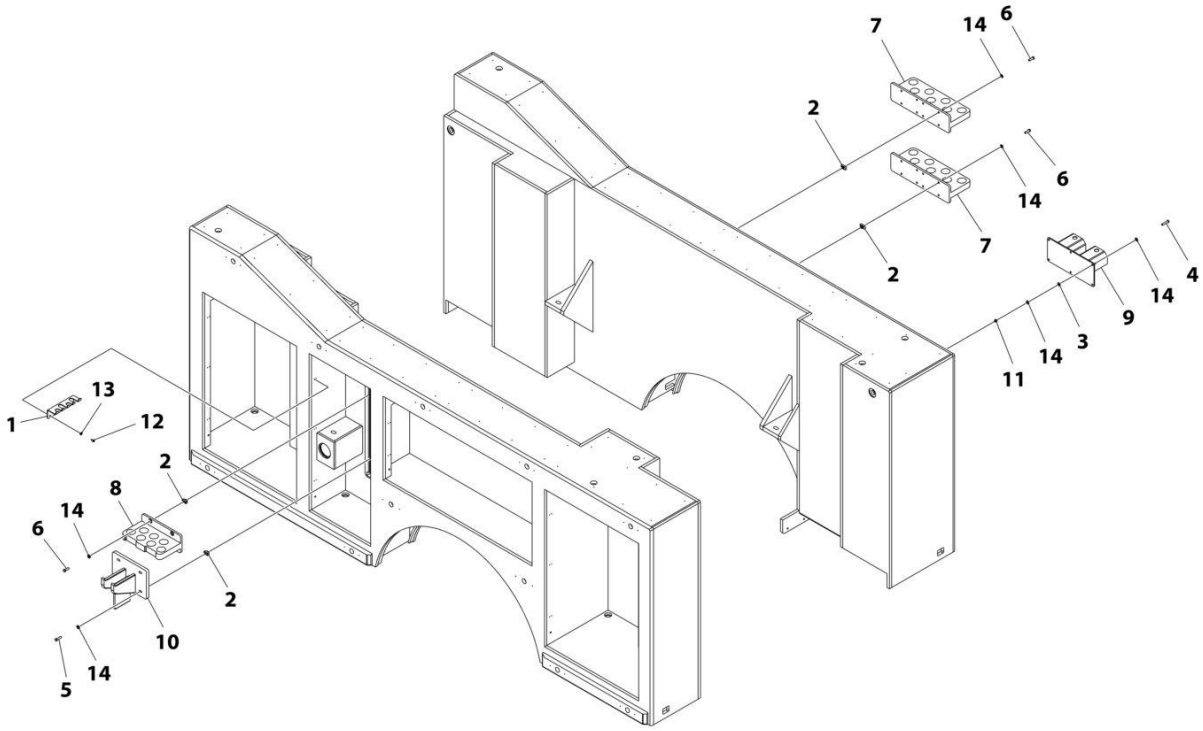


FIGURE 9-17. FRAME FORK STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263856	Ref	FRAME FORK STORAGE INSTALLATION	A
1	1001160799	1	Bracket	
2	1001166644	16	Nut 3/8	
3	1001166974	6	Washer 3/8	
4	1001168544	6	Screw 3/8 x 1-3/4	
5	1001168993	4	Bolt 3/8 x 1-1/2	
6	1001169080	12	Bolt 3/8 x 1-1/4	
7	1001170141	2	Bracket	
8	1001170143	1	Bracket	
9	1001173737	1	End Caps	
10	1001190926	1	Bracket	
11	7660162601	6	Nut 3/8	
12	7790141251	2	Screw 1/4 x 3/4	
13	7950140143	2	Washer 1/4	
14	7950160143	28	Washer 3/8	
15	5663000126	1	Manual, Frame Fork Storage (Not Shown)	

FIGURE 9-18. FRAME FORK STORAGE INSTALLATION

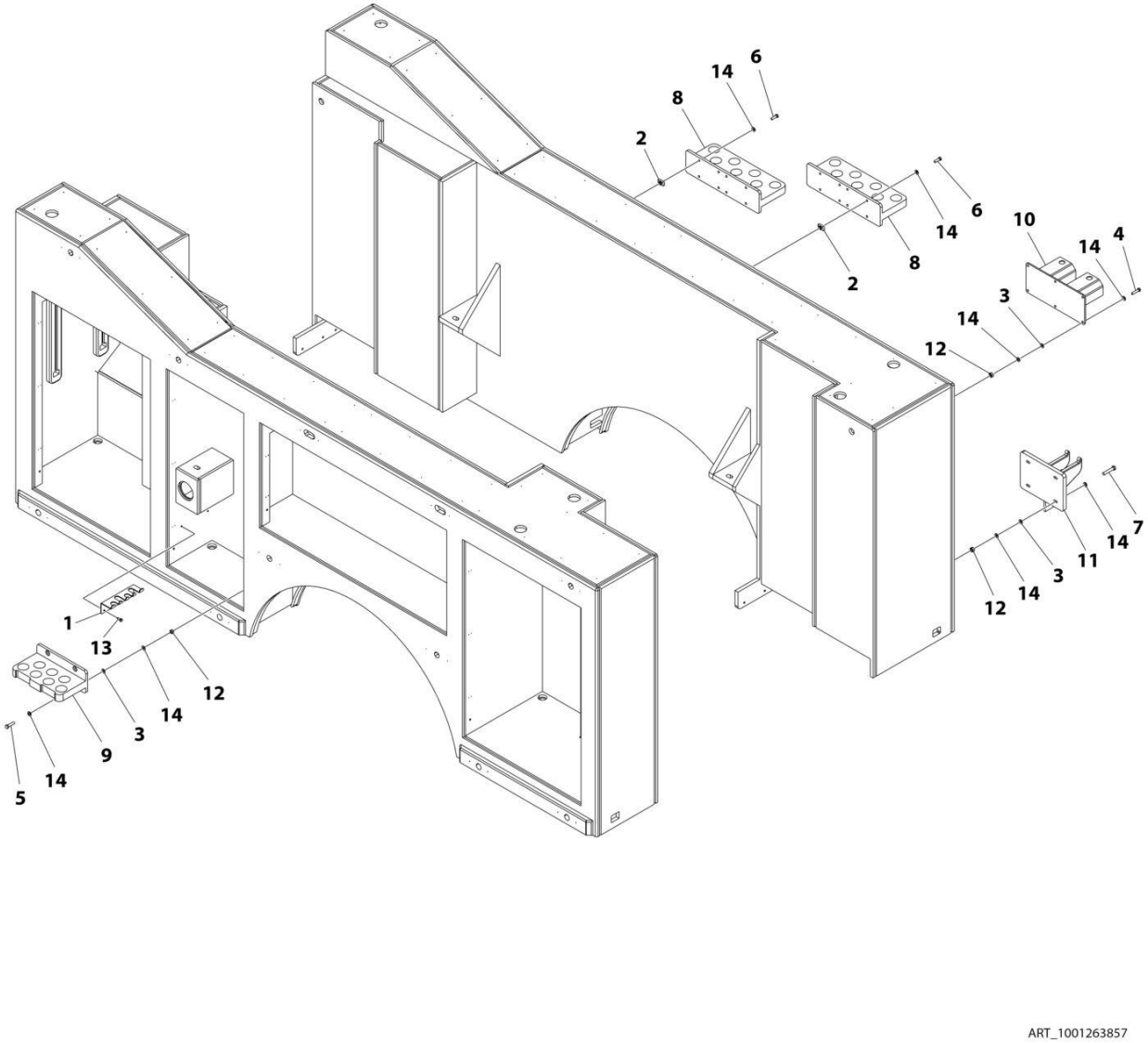


FIGURE 9-18. FRAME FORK STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263857	Ref	FRAME FORK STORAGE INSTALLATION	A
1	1001160799	1	Bracket	
2	1001166644	8	Nut 3/8	
3	1001166974	14	Washer 3/8	
4	1001168544	6	Screw 3/8 x 1-3/4	
5	1001168993	4	Bolt 3/8 x 1-1/2	
6	1001169080	8	Bolt 3/8 x 1-1/4	
7	1001169083	4	Bolt 3/8 x 2	
8	1001170141	2	Bracket	
9	1001170143	1	Bracket	
10	1001173737	1	End Caps	
11	1001190926	1	Bracket	
12	7660162601	14	Nut 3/8	
13	7790141251	2	Screw 1/4 x 3/4	
14	7950160143	36	Washer 3/8	
15	5663000126	1	Manual, Frame Fork Storage (Not Shown)	

FIGURE 9-19. FRAME FORK STORAGE INSTALLATION

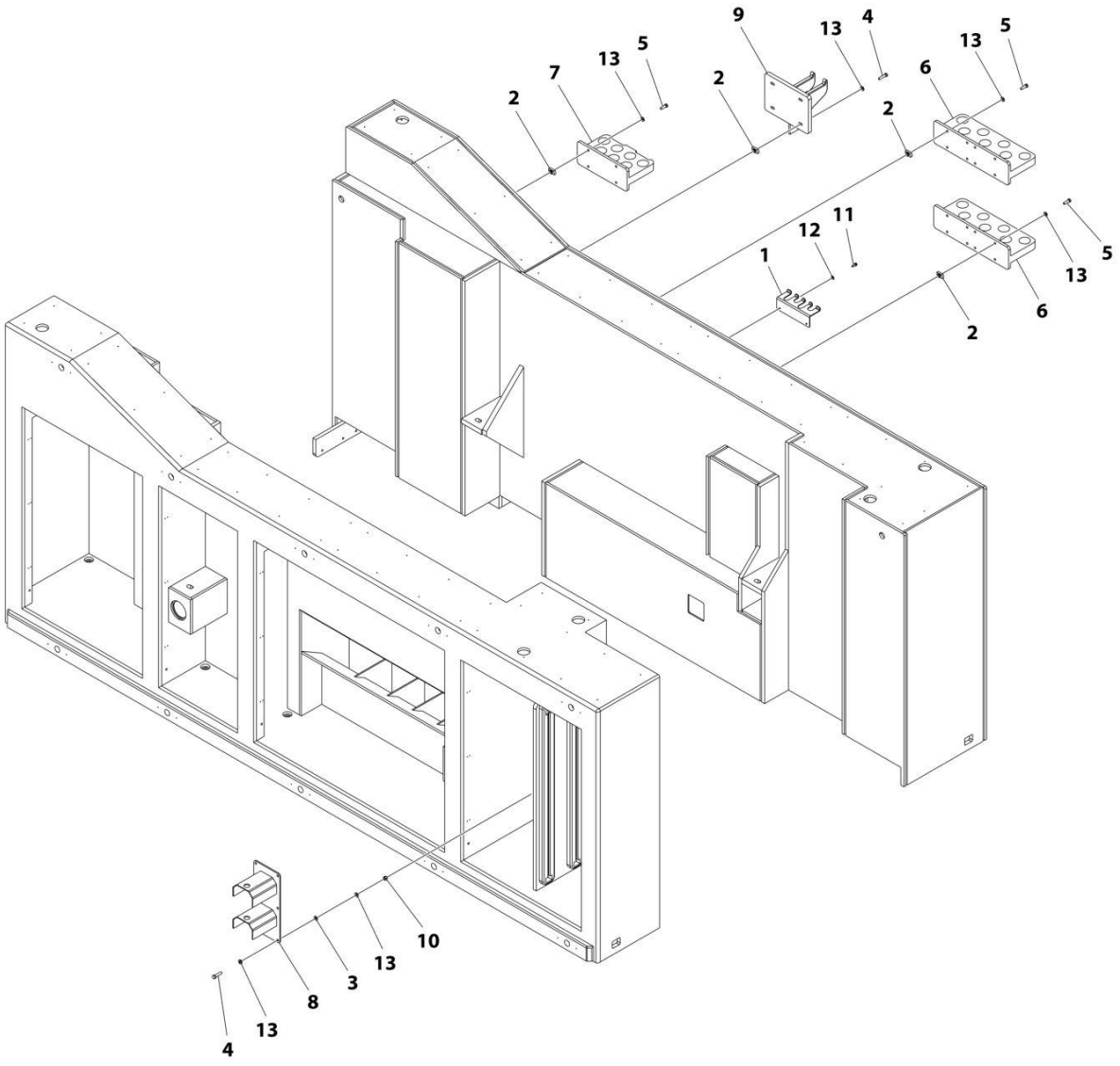
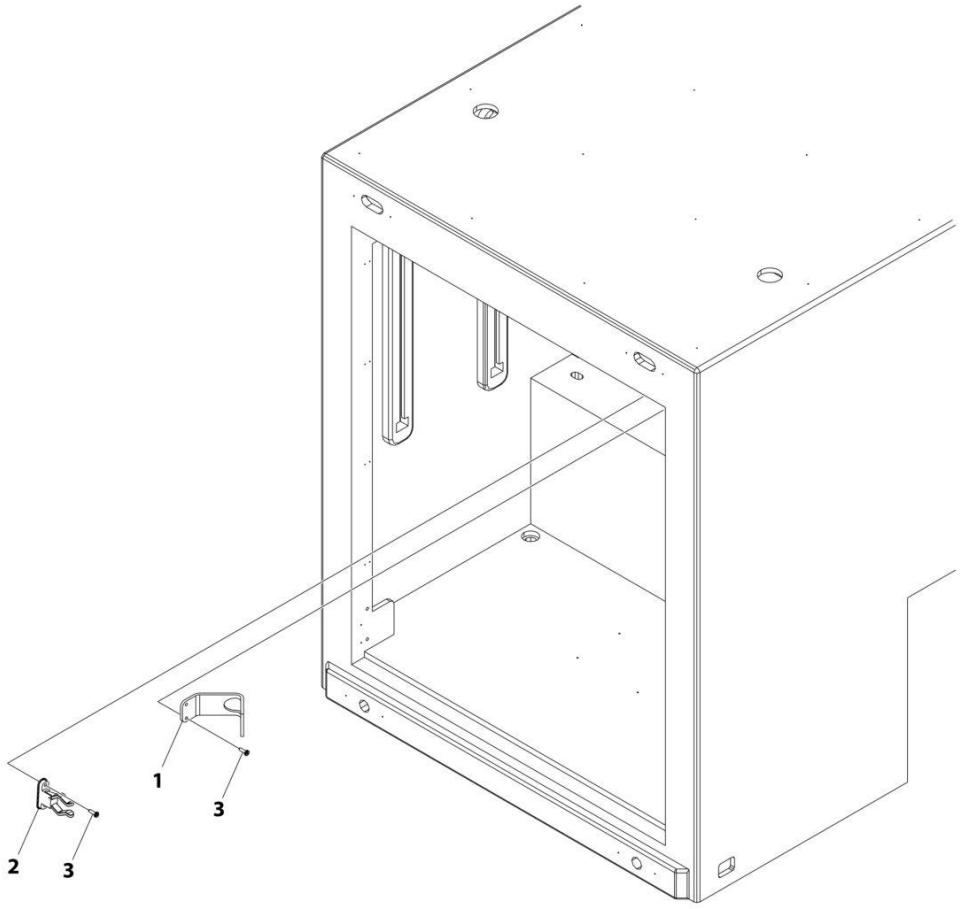


FIGURE 9-19. FRAME FORK STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263858	Ref	FRAME FORK STORAGE INSTALLATION	A
1	1001160799	1	Bracket	
2	1001166644	16	Nut 3/8	
3	1001166974	6	Washer 3/8	
4	1001168993	10	Bolt 3/8 x 1-1/2	
5	1001169080	12	Bolt 3/8 x 1-1/4	
6	1001170141	2	Bracket	
7	1001170143	1	Bracket	
8	1001182756	1	End Cap	
9	1001190926	1	Bracket	
10	7660162601	6	Nut 3/8	
11	7790141251	2	Screw 1/4 x 3/4	
12	7950140143	2	Washer 1/4	
13	7950160143	28	Washer 3/8	
14	5663000126	1	Manual, Frame Fork Storage (Not Shown)	

FIGURE 9-20. GRIZZLY BAR STORAGE



ART_1001174882

FIGURE 9-20. GRIZZLY BAR STORAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174882	Ref	Grizzly Bar Storage	A
1	1001174992	1	Bracket	
2	1001175059	1	Clamp	
3	0751408	4	Screw 1/4 x 1	

FIGURE 9-21. LADDER STORAGE INSTALLATION

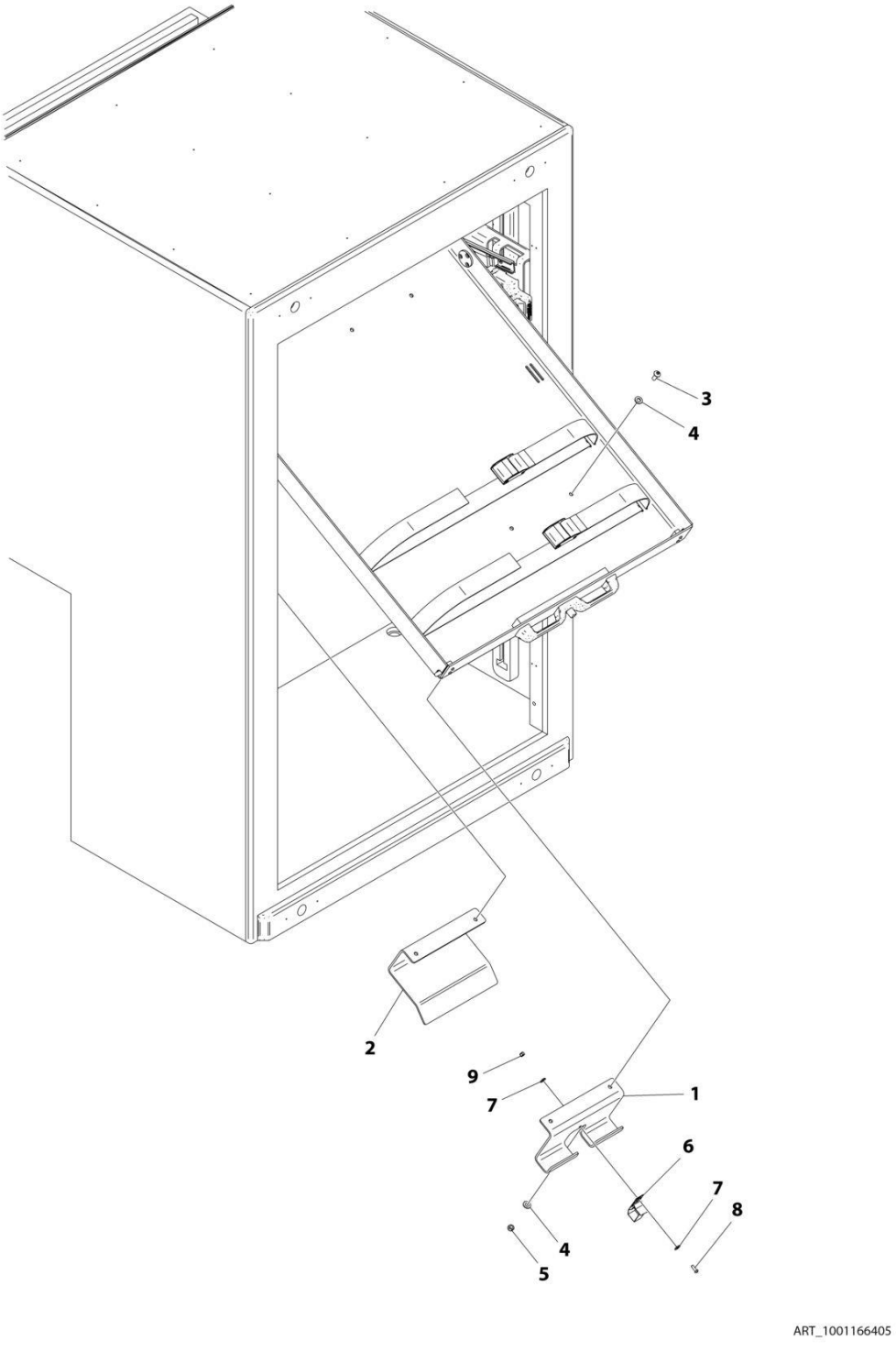


FIGURE 9-21. LADDER STORAGE INSTALLATION

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 9-22. MID BODY SHELVING INSTALLATION (Prior to SN 0230008542)

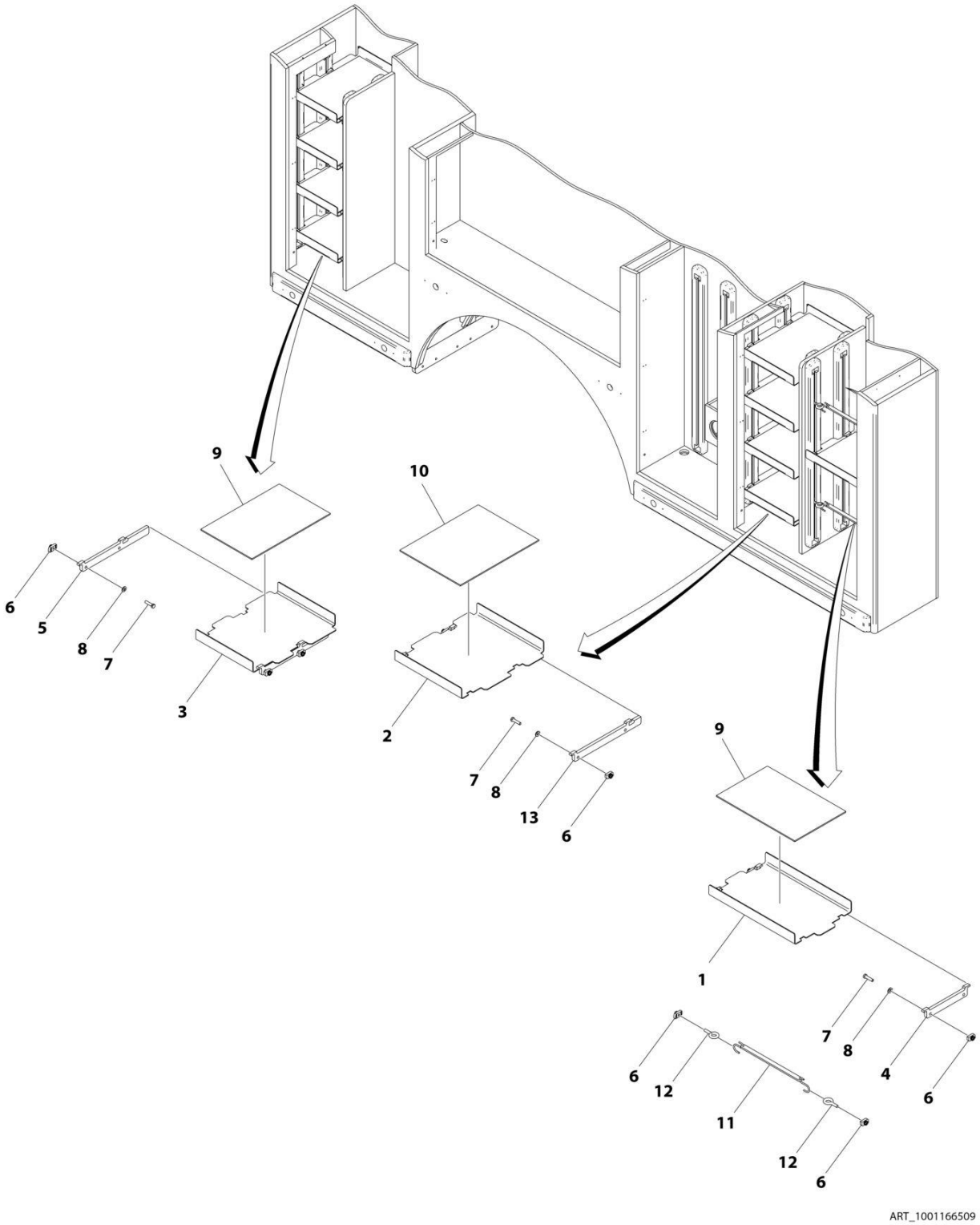


FIGURE 9-22. MID BODY SHELVING INSTALLATION (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166509	Ref	MID BODY SHELVING INSTALLATION	E
1	1001164718	1	Shelf	
2	1001229845	4	Shelf	
3	1001164720	4	Shelf	
4	1001168985	2	Shelf Support, Short	
5	1001168986	8	Shelf Support, Long	
6	1001166644	40	Channel Spring 3/8	
7	1001168993	36	Bolt 3/8 x 1-1/2	
8	7950160143	36	Washer 3/8	
9	1001174342	5	Pad	
10	1001174341	4	Pad	
11	1001175233	2	Strap	
12	1001175231	4	Eyebolt 3/8	
13	1001225253	8	Shelf Support, Long	

FIGURE 9-23. 5 AXLE ROT SHELVING INSTALLATION (SN 0230008542 to Present)

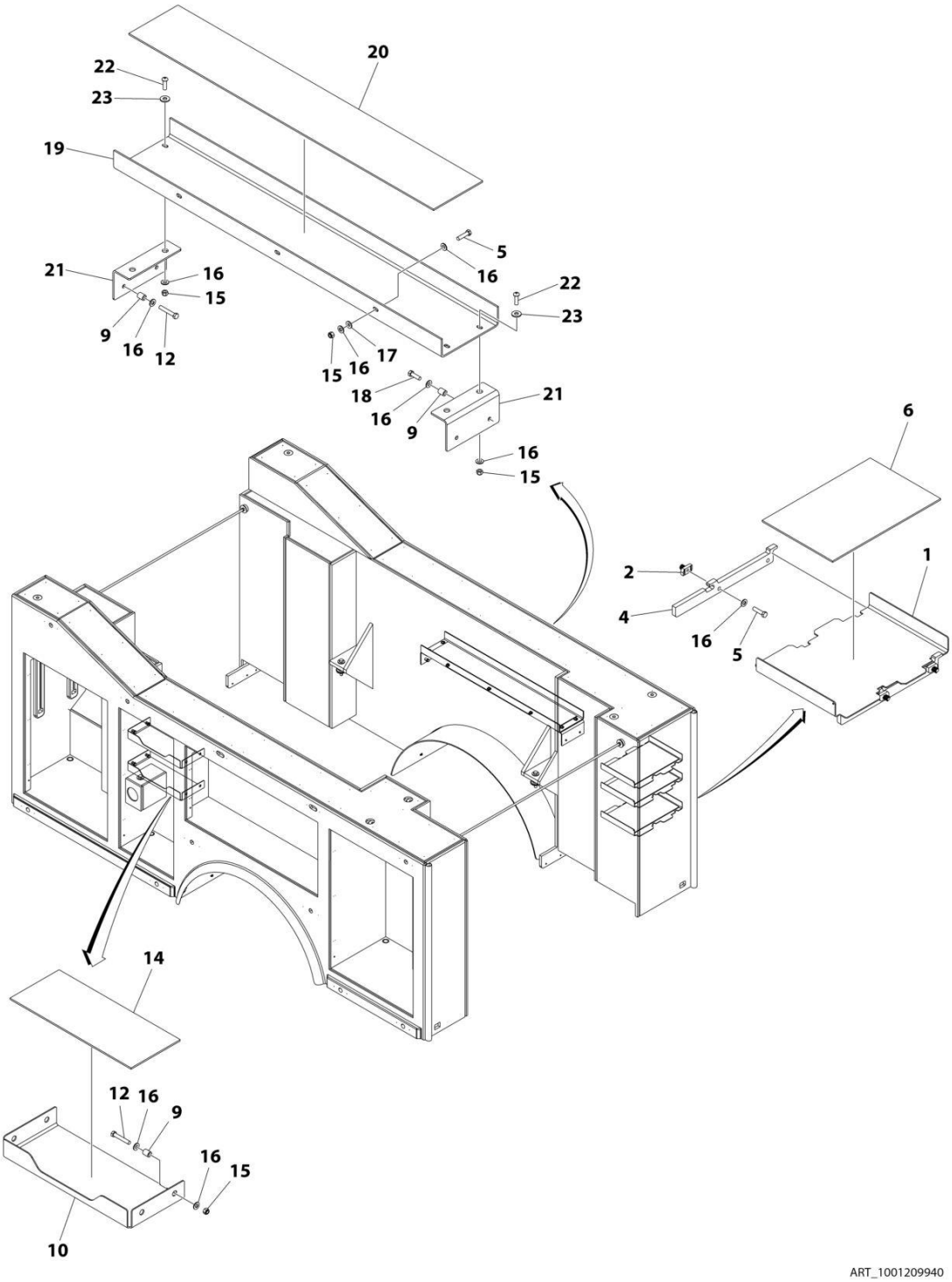
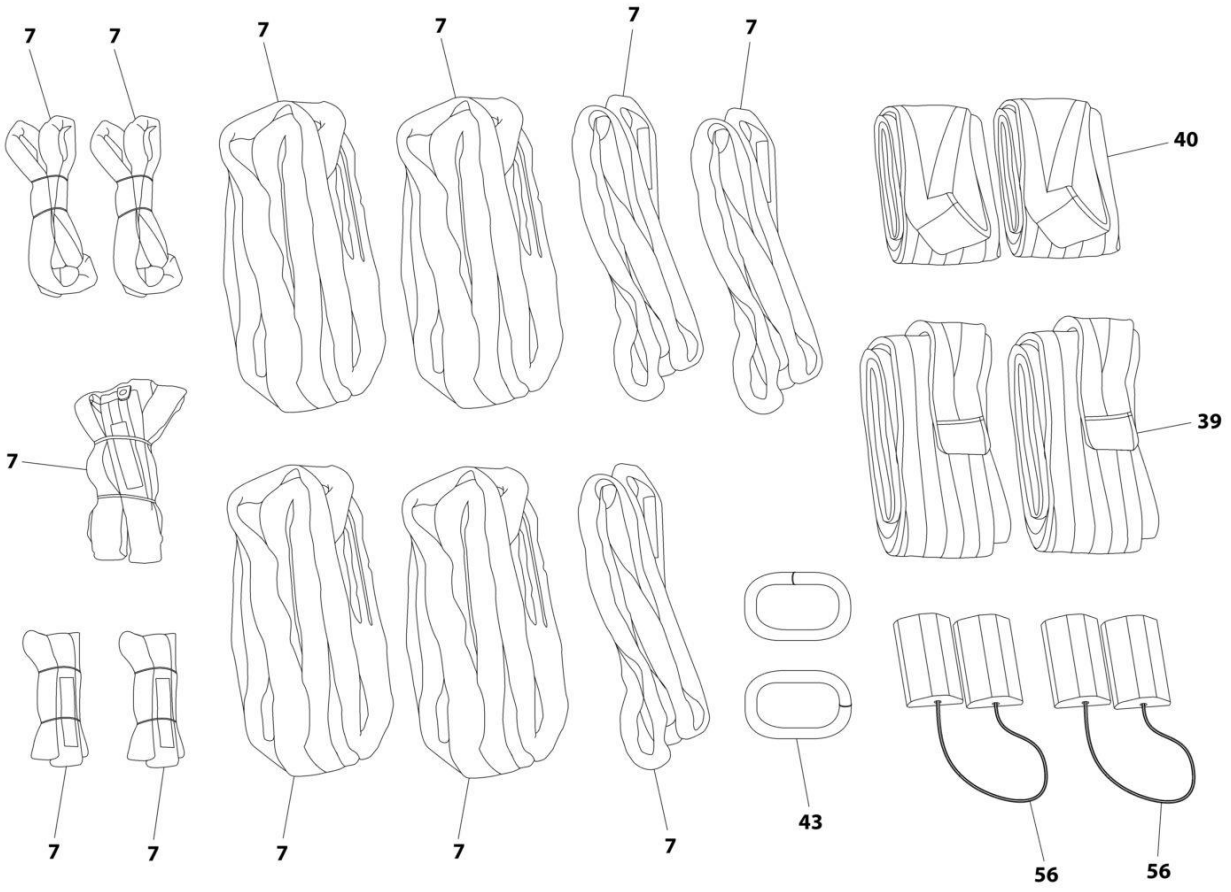
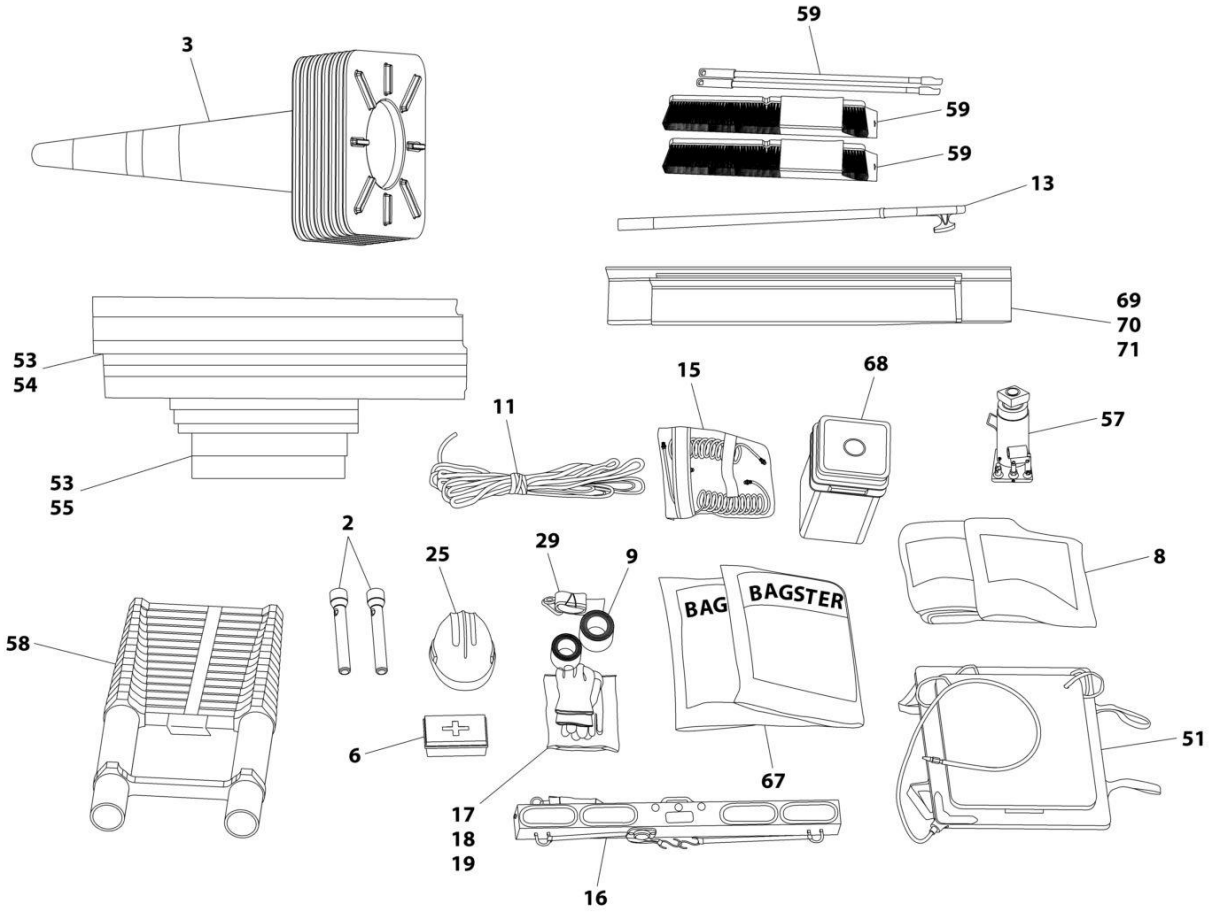


FIGURE 9-23. 5 AXLE ROT SHELVING INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209940	Ref	5 AXLE ROT SHELVING INSTALLATION	E
1	1001164720	3	Shelf	
2	1001166644	12	Channel Spring 3/8	
4	1001168986	6	Shelf Support, Long	
5	1001168993	15	Bolt 3/8 x 1-1/2	
6	1001174342	3	Pad	
9	1001209938	12	Sleeve, Shelf Mount	
10	1001209939	2	Bracket	
12	1001209945	11	Bolt 3/8 x 2-1/4	
14	1001209960	2	Pad	
15	7660162601	18	Nut 3/8	
16	7950160143	46	Washer 3/8	
17	1001166974	3	Washer 3/8	
18	1001241635	1	Screw 3/8 x 1-1/2	
19	1001228396	1	Bracket	
20	1001228620	1	Pad	
21	1001229079	2	Angle, Shelf Mount	
22	7114161018	4	Bolt 3/8 x 1-1/4	
23	7950160163	4	Washer 3/8	

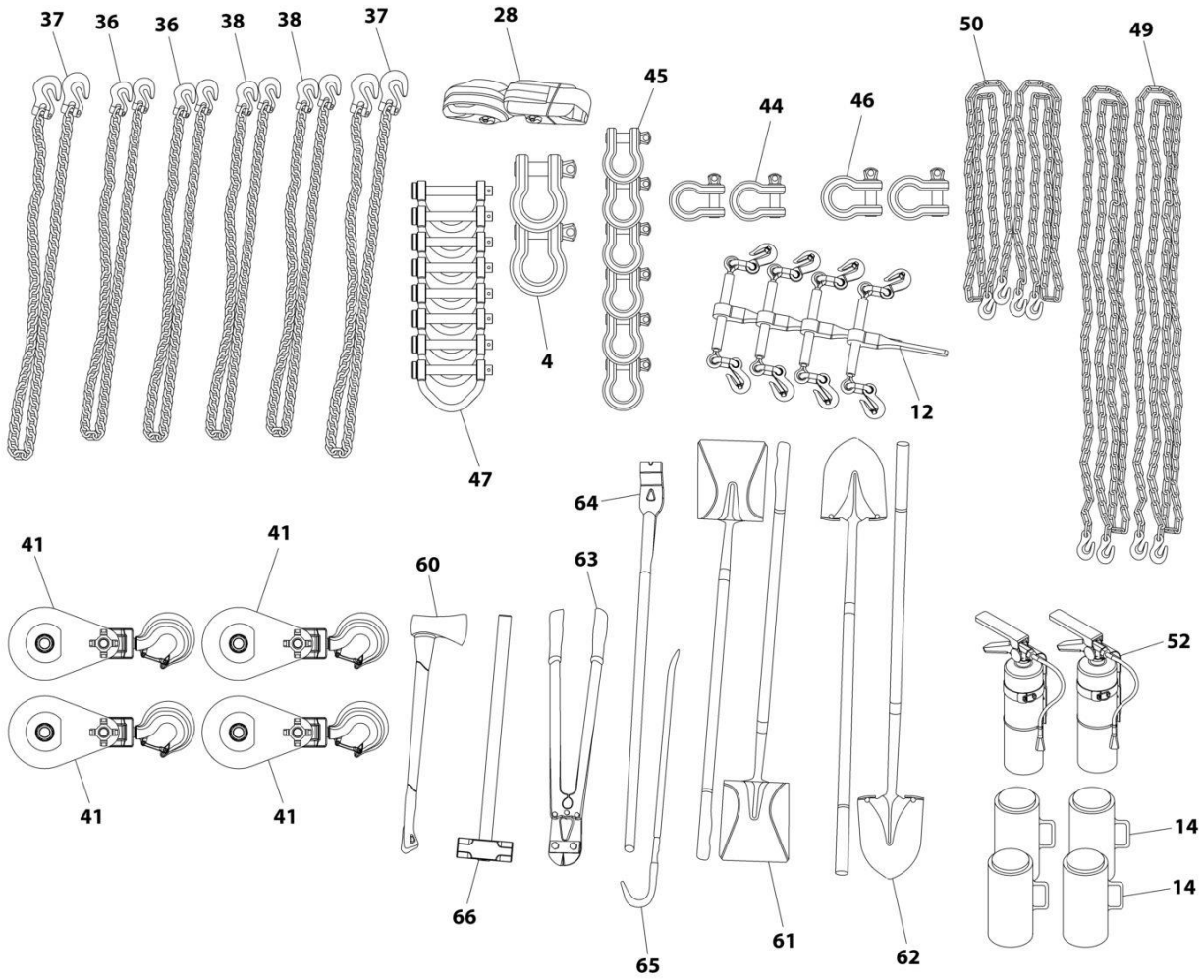
FIGURE 9-24. RISC ACCESSORY PACKAGE

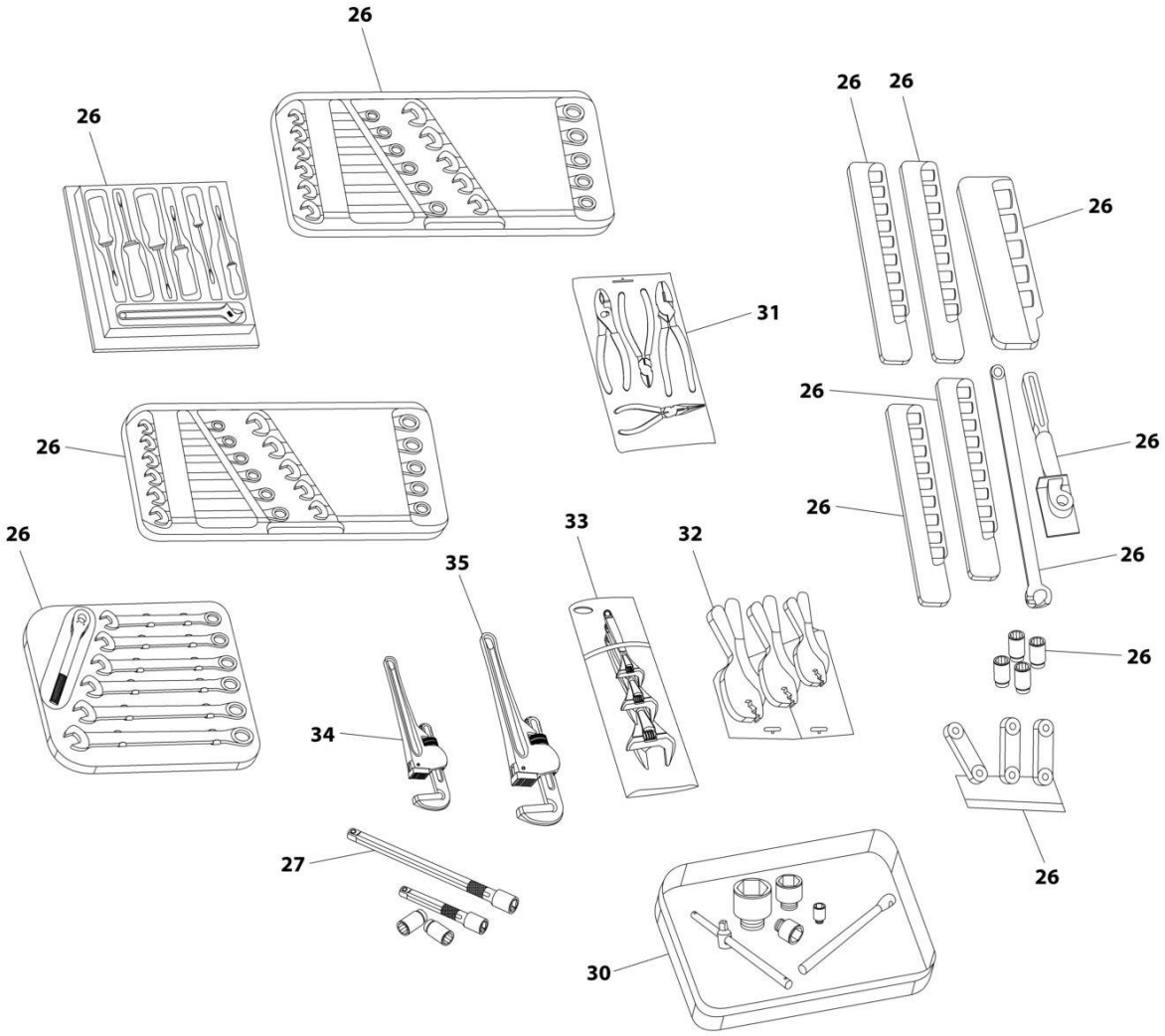




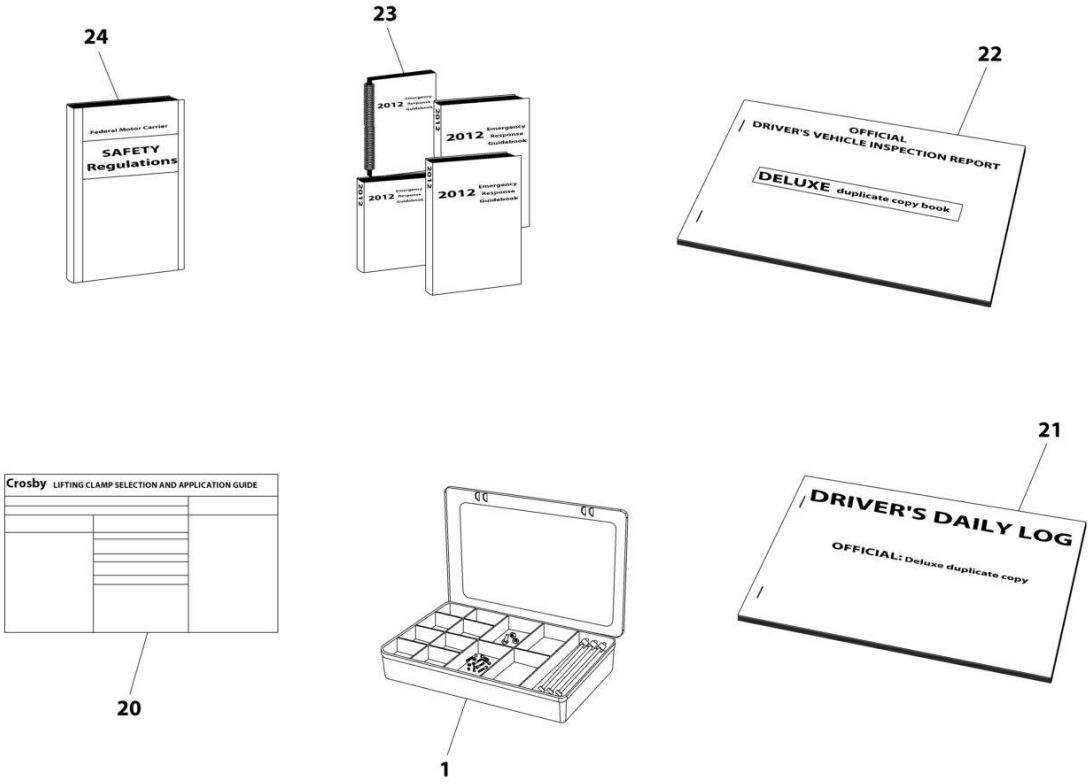
ART_1001174485_2OF5

SECTION 9 - ACCESSORIES




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SECTION 9 - ACCESSORIES



ART_1001174485_5OF5

FIGURE 9-24. 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 9-25. ROTARY CHAIN RACK INSTALLATION

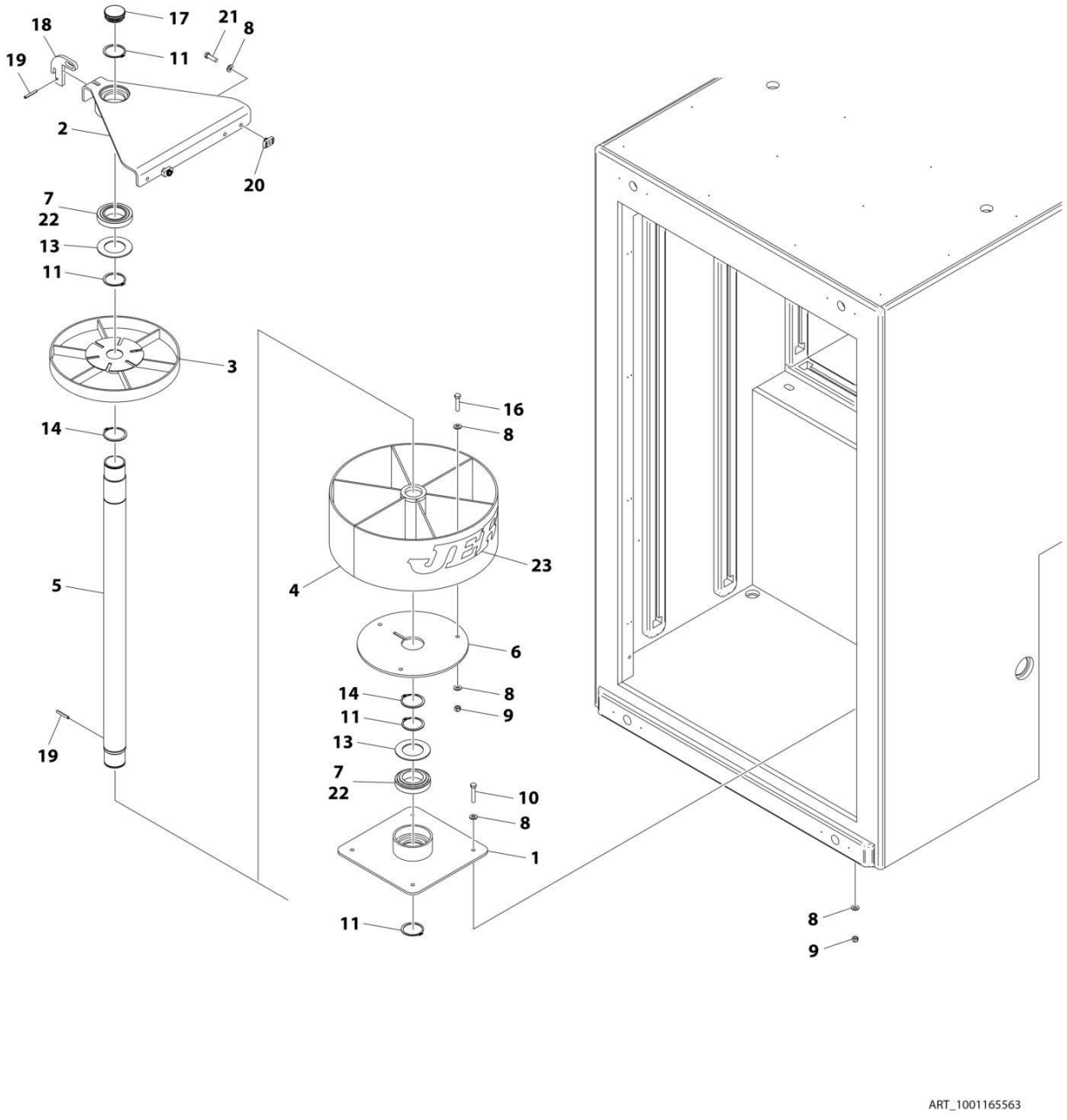


FIGURE 9-25. ROTARY CHAIN RACK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165563	Ref	Rotary Chain Rack Installation	F
1	1001165571	1	Bracket	
2	1001165570	1	Bracket	
3	1001165587	1	Bracket	
4	1001169144	1	Tray	
5	1001165661	1	Tube	
6	1001165652	1	Support	
7	1001169076	2	Bearing	
8	7950160143	16	Washer 3/8	
9	7660162604	7	Nut 3/8	
10	1001169083	4	Bolt 3/8 x 2	
11	1001169064	4	Retaining Ring	
13	1001165584	2	Plate	
14	1001169063	2	Retaining Ring	
16	1001168993	3	Screw 3/8 x 1-1/2	
17	1001169078	1	Plug	
18	1001165564	1	Plate	
19	7690142845	3	Pin	
20	1001166644	2	Channel Spring 3/8	
21	1001169080	2	Bolt 3/8 x 1-1/4	
22	3020029	AR	Bearing Grease	
23	1001234076	1	Decal, Jerr-Dan Logo	

FIGURE 9-26. RUGGED ACCESSORY PACKAGE

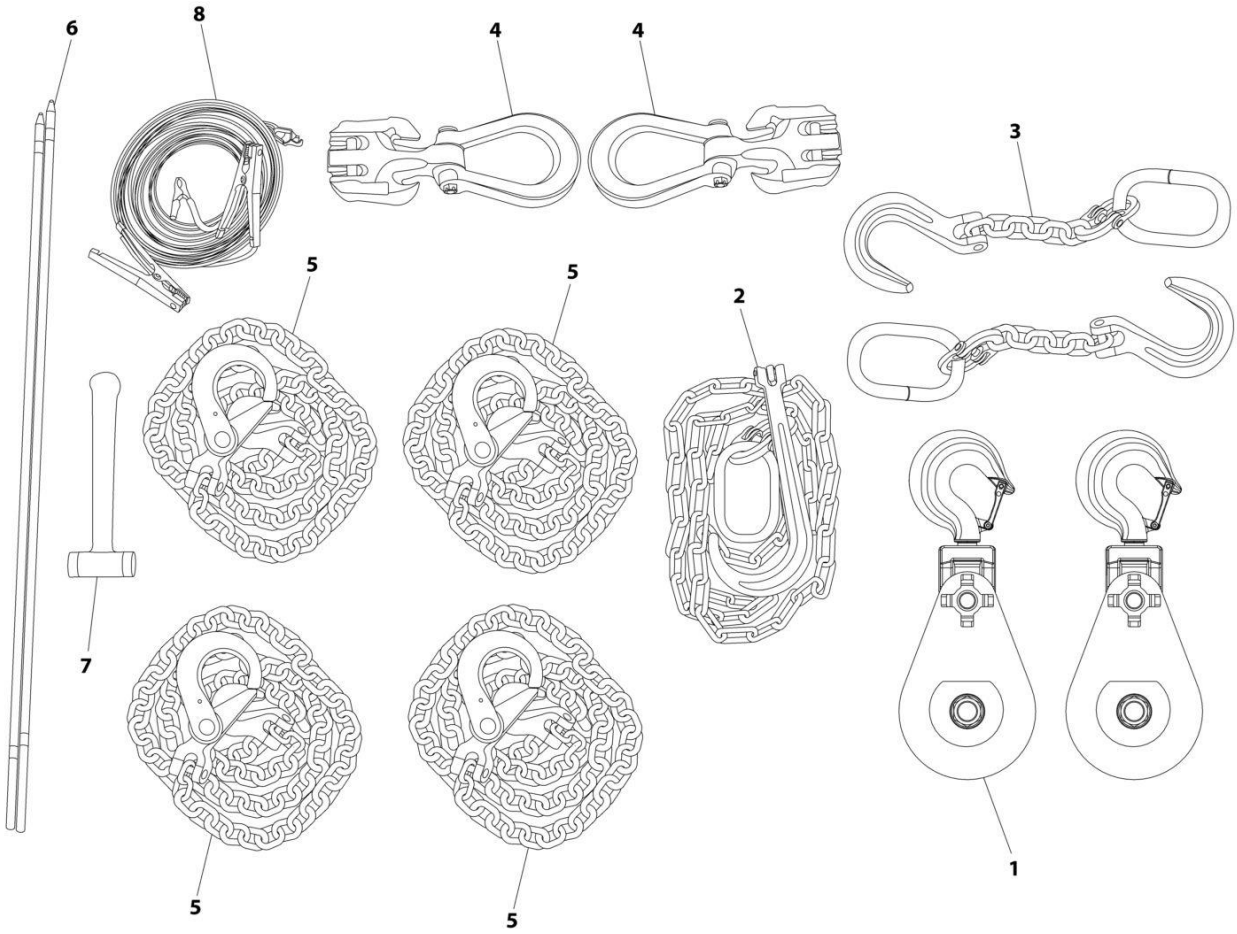


FIGURE 9-26. RUGGED ACCESSORY PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174490	Ref	Rugged Accessory Package	C
1	70050842	2	Snatch Block	
2	70050843	1	Recovery Chain	
3	70050844	2	Recovery Chain	
4	70050845	2	Recovery Sling	
5	70050846	4	Recover Chain Locking Clevis	
6	70050847	2	Copper Ground Stake	
7	70050848	1	Brass Mallet	
8	70050849	3	Ground Wire	

FIGURE 9-27. SHACKLE STORAGE RACK INSTALLATION (Prior to SN 0230008542)

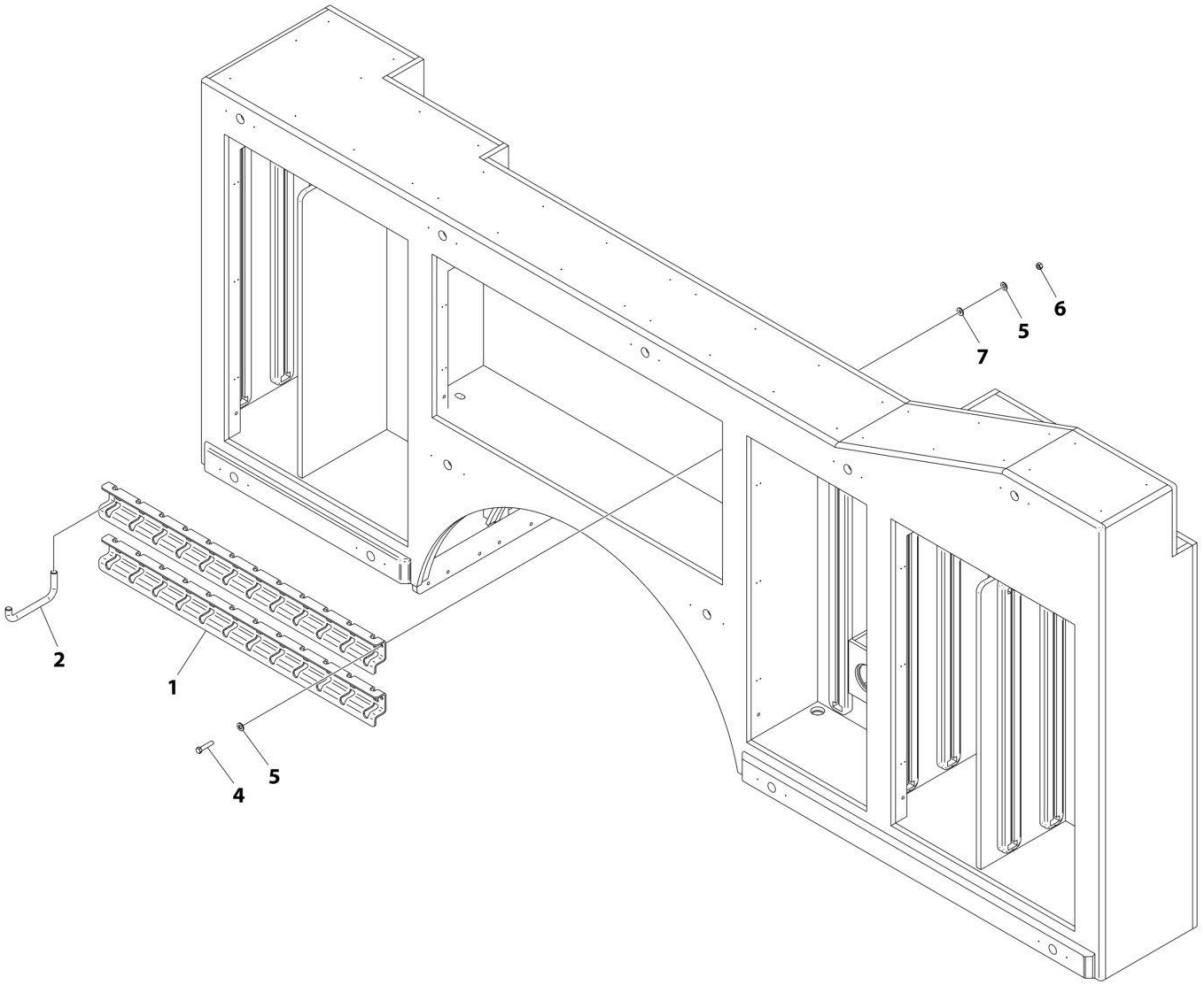


FIGURE 9-27. SHACKLE STORAGE RACK INSTALLATION (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164608	Ref	SHACKLE STORAGE RACK INSTALLATION	D
1	1001164601	2	Bracket	
2	1001164614	16	Shackle Hook	
4	1001168544	10	Screw 3/8 x 1-3/4	
5	7950160143	20	Washer 3/8	
6	7660162601	10	Nut 3/8	
7	1001166974	10	Washer 3/8	

FIGURE 9-28. SHACKLE STORAGE RACK INSTALLATION (SN 0230008452 to Present)

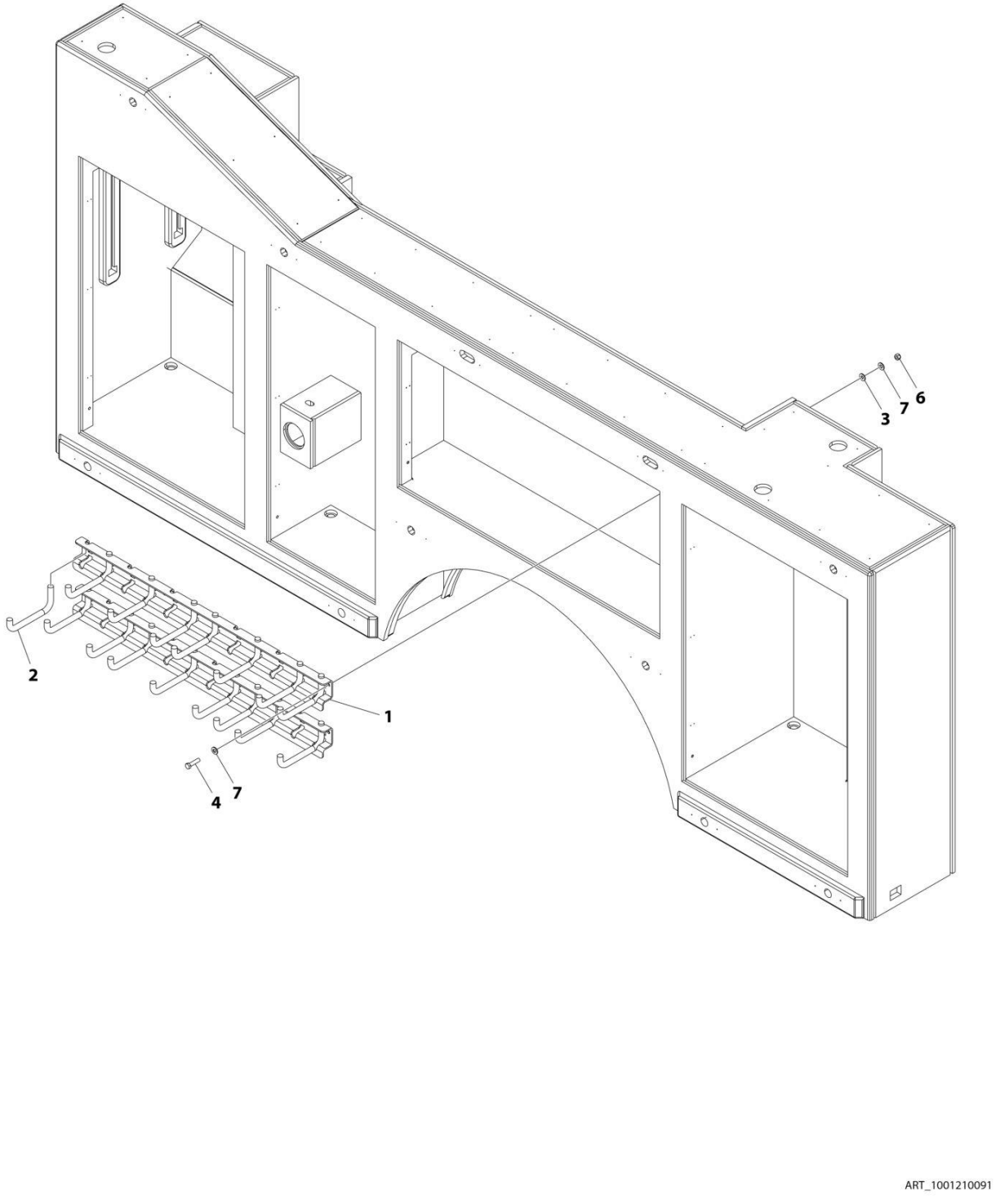


FIGURE 9-28. SHACKLE STORAGE RACK INSTALLATION (SN 0230008452 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210091	Ref	SHACKLE STORAGE RACK INSTALLATION	C
1	1001164601	2	Bracket	
2	1001164614	16	Shackle Hook	
3	1001166974	10	Washer 3/8	
4	1001168993	10	Bolt 3/8 x 1-1/2	
6	7660162601	10	Nut 3/8	
7	7950160143	20	Washer 3/8	

FIGURE 9-29. SHOVEL STORAGE INSTALLATION

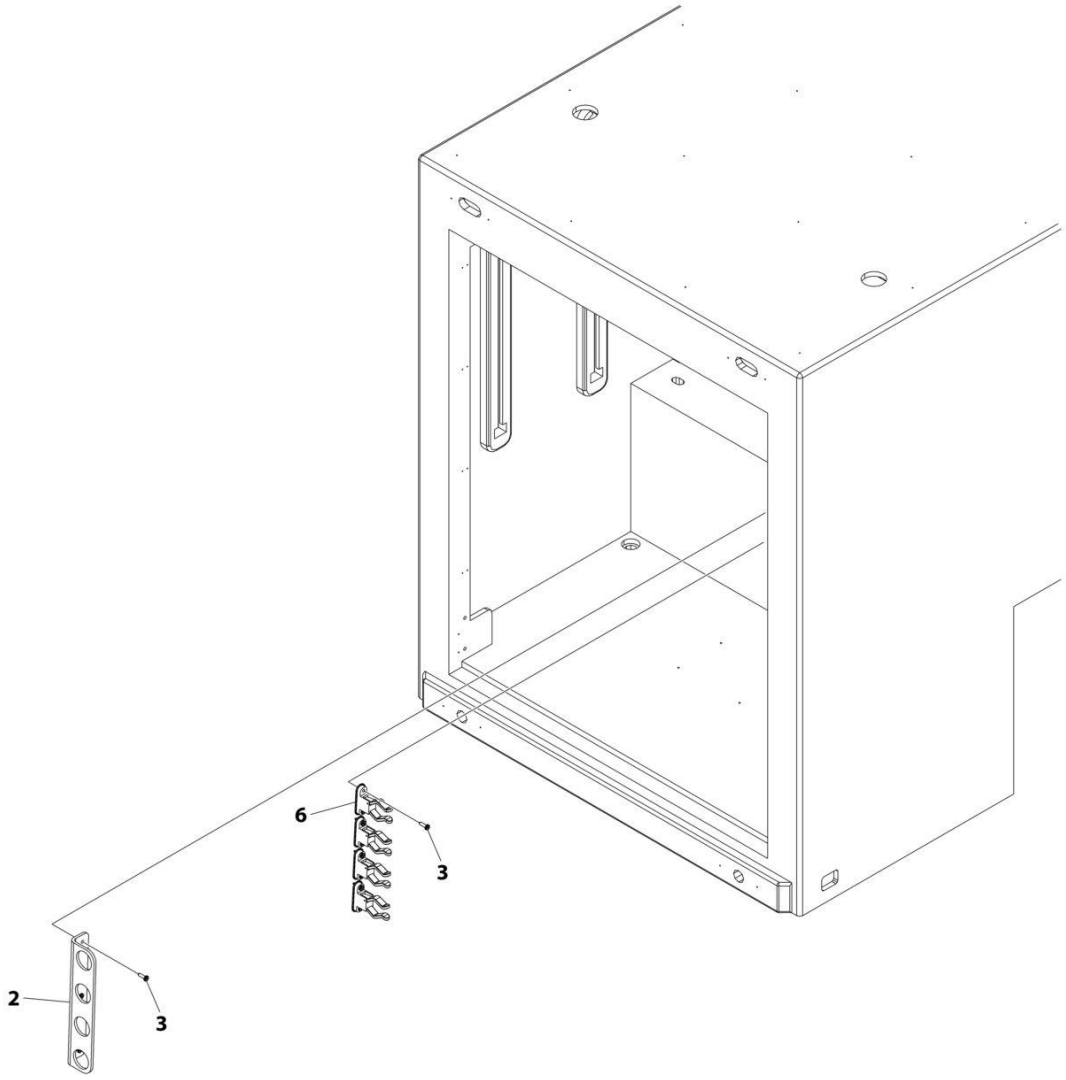


FIGURE 9-29. SHOVEL STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171006	Ref	Shovel Storage Installation	C
2	1001174128	1	Bracket	
3	0751408	11	Screw 1/4 x 1	
6	1001175059	4	Clamp	

FIGURE 9-30. SLIDE OUT CHAIN BOARD INSTALLATION (Prior to SN 0230008542)

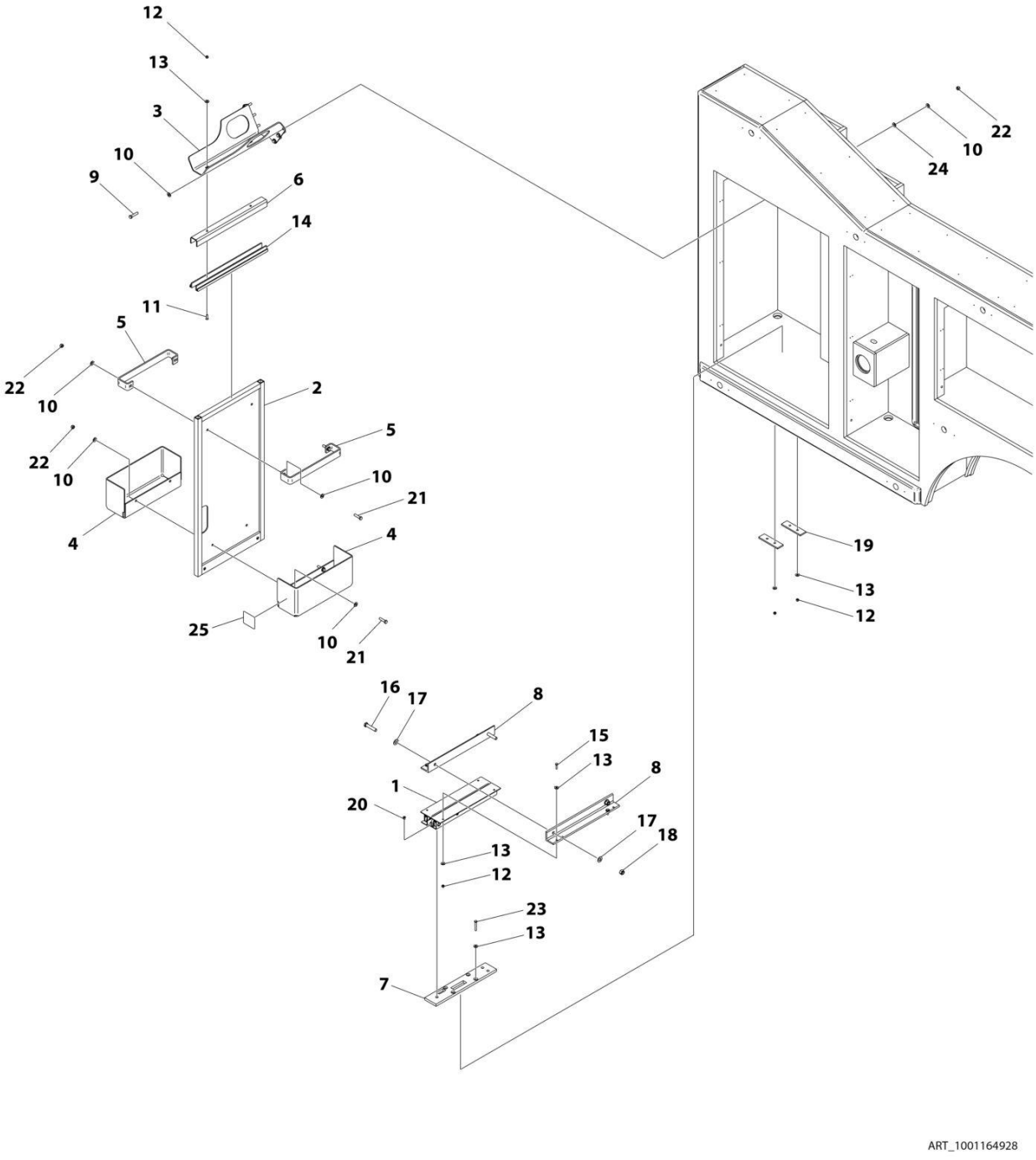


FIGURE 9-30. SLIDE OUT CHAIN BOARD INSTALLATION (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164928	Ref	SLIDE OUT CHAIN BOARD INSTALLATION	F
1	7821000009	1	Slide Lock, Bottom Mount	
2	1001164931	1	Chain Board	
3	1001164872	1	Bracket, Top	
4	1001138022	2	Tool Holder, Bottom	
5	1001138021	2	Tool Holder, Top	
6	1001164929	1	Channel	
7	1001141149	1	Bar	
8	4017001727	2	Angle	
9	1001168544	6	Screw 3/8 x 1-3/4	
10	7950160141	20	Washer 3/8	
11	7114140823	2	Capscrew 1/4 x 1	
12	7660142601	10	Nut 1/4	
13	7950140163	18	Washer 1/4	
14	1001164930	2	Pad	
15	7115140850	4	Bolt 1/4 x 1	
16	7115182050	2	Bolt 1/2 x 2-1/2	
17	7950180143	4	Washer 1/2	
18	7660182601	2	Nut 1/2	
19	1001169140	2	Bar	
20	7114140423	3	Capscrew 1/4 x 1/2	
21	7115161250	4	Bolt 3/8 x 1-1/2	
22	7660162601	10	Nut 3/8	
23	7115141650	4	Bolt 1/4 x 2	
24	1001166974	6	Washer 3/8	
25	1001170092	1	Decal, Toolboard Capacity	

FIGURE 9-31. SLIDE OUT CHAIN BOARD INSTALLATION (SN 0230008542 to Present)

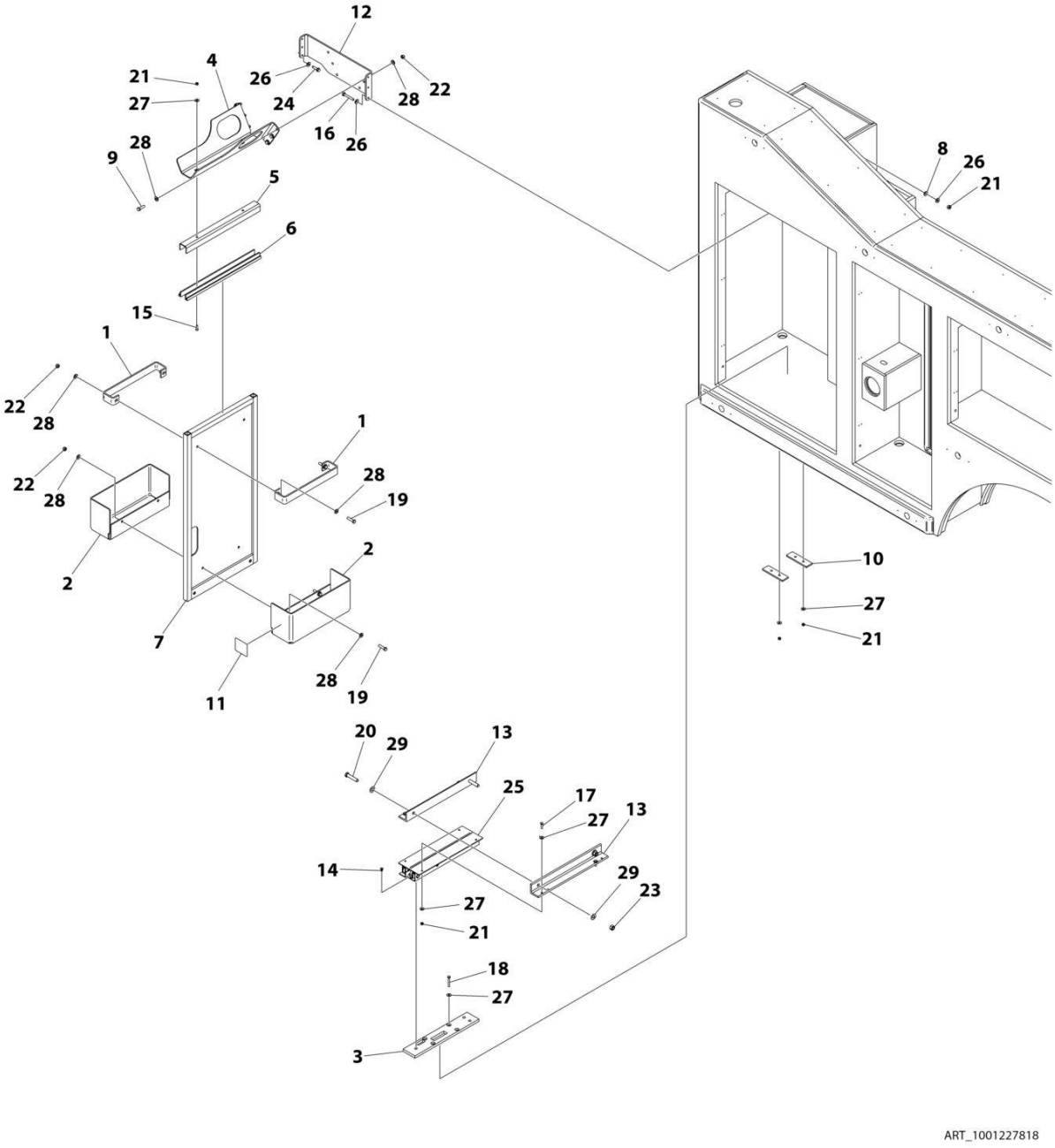


FIGURE 9-31. SLIDE OUT CHAIN BOARD INSTALLATION (SN 0230008542 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227818	Ref	SLIDE OUT CHAIN BOARD INSTALLATION	B
1	1001138021	2	Tool Holder, Top	
2	1001138022	2	Tool Holder, Bottom	
3	1001141149	1	Bar	
4	1001164872	1	Bracket, Top	
5	1001164929	1	Channel	
6	1001164930	2	Pad	
7	1001164931	1	Chain Board	
8	1001166978	3	Washer 1/4	
9	1001169080	6	Bolt 3/8 x 1-1/4	
10	1001169140	2	Bar	
11	1001170092	1	Decal, Toolboard Capacity	
12	1001221126	1	Bracket	
13	4017001727	2	Angle	
14	7114140423	3	Capscrew 1/4 x 1/2	
15	7114140823	2	Capscrew 1/4 x 1	
16	7114141450	3	Bolt 1/4 x 1-3/4	
17	7115140850	4	Bolt 1/4 x 1	
18	7115141650	4	Bolt 1/4 x 2	
19	7115161250	4	Bolt 3/8 x 1-1/2	
20	7115182050	2	Bolt 1/2 x 2-1/2	
21	7660142601	13	Nut 1/4	
22	7660162601	10	Nut 3/8	
23	7660182601	2	Nut 1/2	
24	7790141651	3	Screw 1/4 x 1	
25	7821000009	1	Slide Lock, Bottom Mount	
26	7950140143	9	Washer 1/4	
27	7950140163	18	Washer 1/4	
28	7950160141	20	Washer 3/8	
29	7950180143	4	Washer 1/2	

FIGURE 9-32. SLIDE OUT TOOL STORAGE DRAWER INSTALLATION

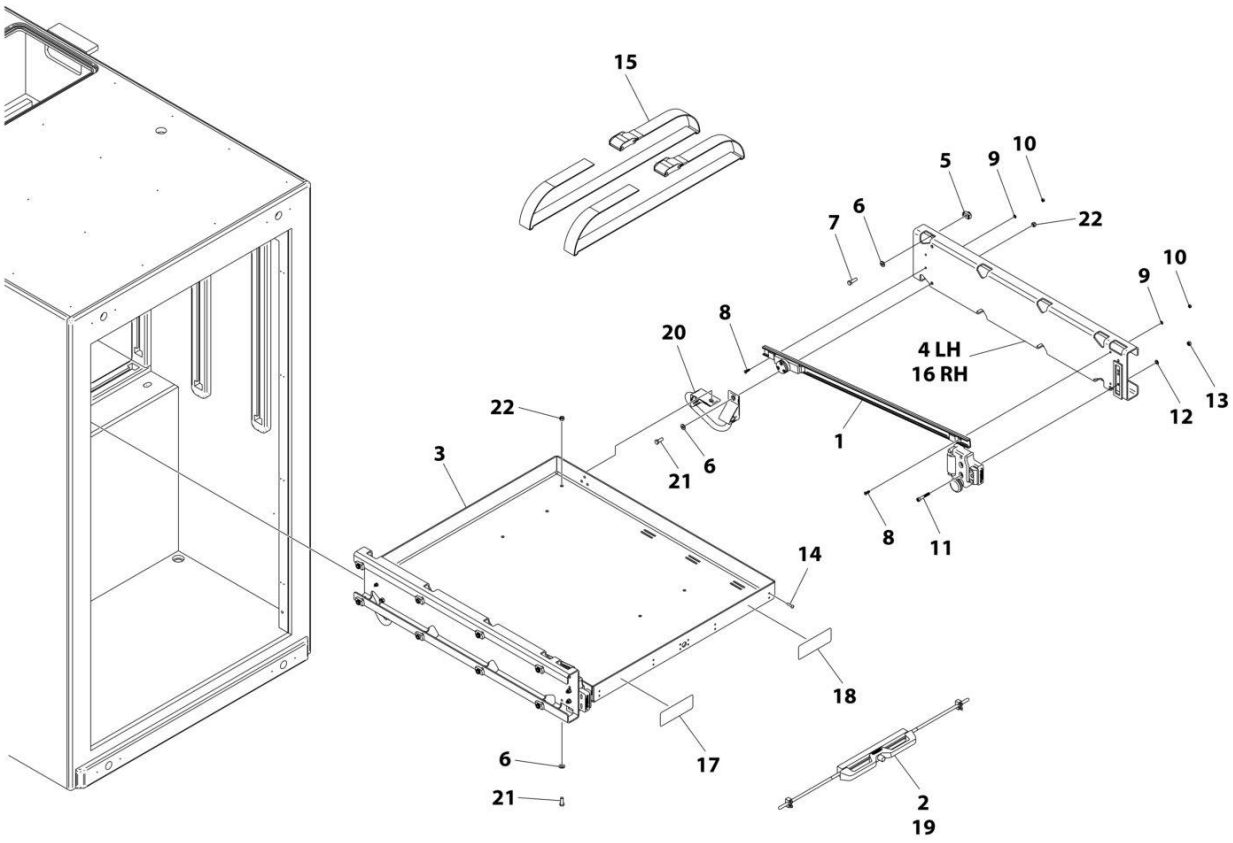


FIGURE 9-32. SLIDE OUT TOOL STORAGE DRAWER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165513	Ref	Slide Out Tool Storage Drawer Installation	E
1	1001170331	3	Roller Assembly	
2	1001170332	3	Handle and Latch Assembly	
3	1001165515	3	Drawer	
4	1001173803	3	Bracket LH	
5	1001166644	36	Channel Spring 3/8	
6	7950160141	48	Washer 3/8	
7	1001169080	36	Bolt 3/8 x 1-1/4	
8	1001170305	12	Bolt	
9	1001170307	12	Washer	
10	1001170310	12	Nut	
11	1001170328	12	Screw	
12	1001170329	12	Washer	
13	1001170330	12	Nut	
14	1001170324	12	Screw	
15	1001170428	6	Strap	
16	1001173804	3	Bracket RH	
17	1001170090	3	Decal, Warning	
18	1001170091	3	Decal, Capacity	
19	3020029	AR	Bearing Grease	
20	1001179349	6	Strap	
21	7114161050	12	Capscrew 3/8 x 1-1/4	
22	7660162601	12	Nut 3/8	

FIGURE 9-33. SNATCH BLOCK STORAGE RACK INSTALLATION

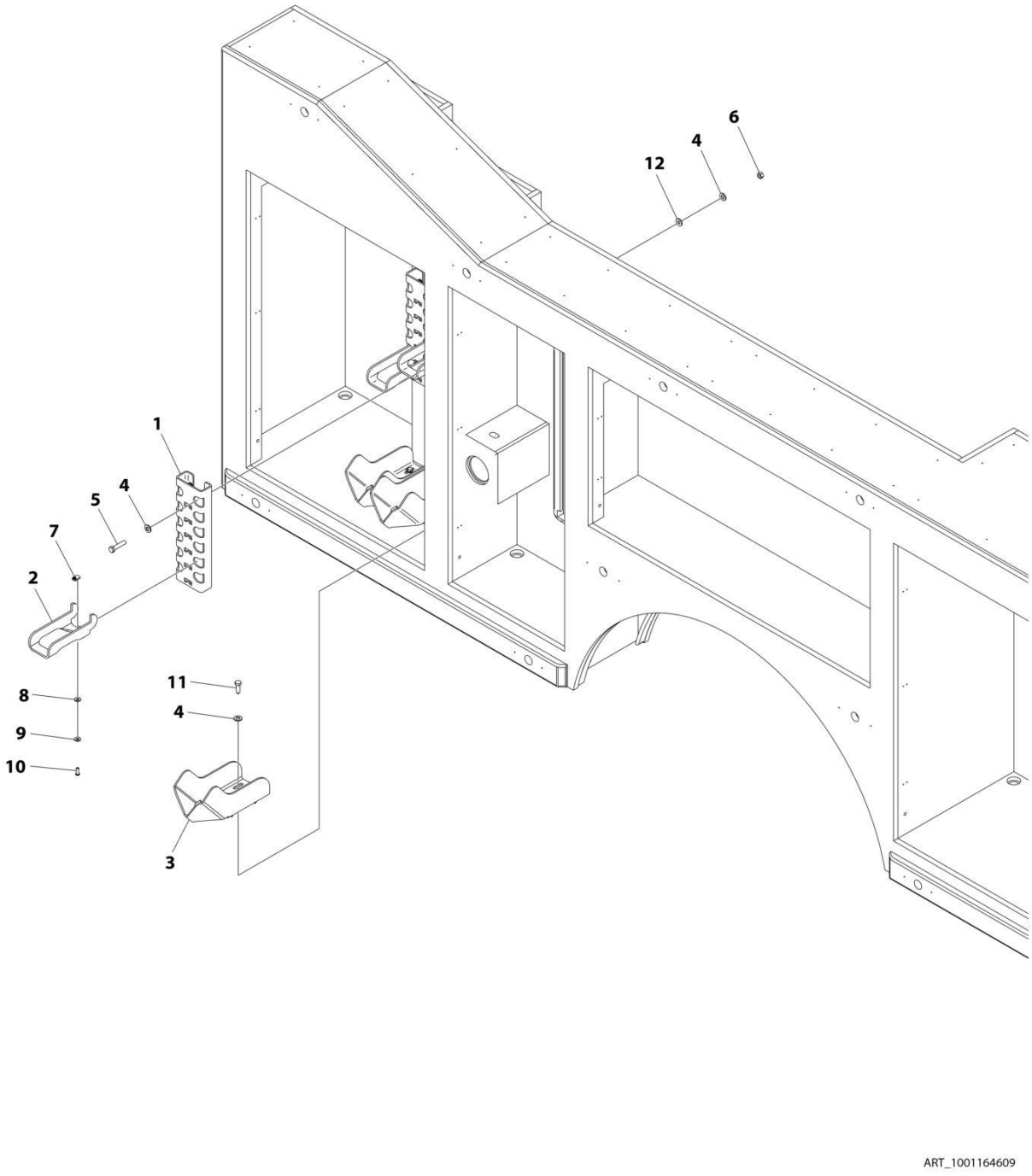


FIGURE 9-33. SNATCH BLOCK STORAGE RACK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164609	Ref	Snatch Block Storage Rack Installation	C
1	1001164558	6	Channel	
2	1001164560	6	Bracket, Top Mount	
3	1001164562	6	Bracket, Bottom Mount	
4	7950160143	72	Washer 3/8	
5	1001168544	24	Screw 3/8 x 1-3/4	
6	7660162601	24	Washer 3/8	
7	1001168733	6	Nut 1/4	
8	7950140143	6	Washer 1/4	
9	7950140003	6	Washer 1/4	
10	7114140618	6	Capscrew 1/4 x 3/4	
11	1001168545	24	Screw 3/8 x 1-1/4	
12	1001166974	24	Washer 3/8	

FIGURE 9-34. SPREADER BAR ACCESSORY PACKAGE

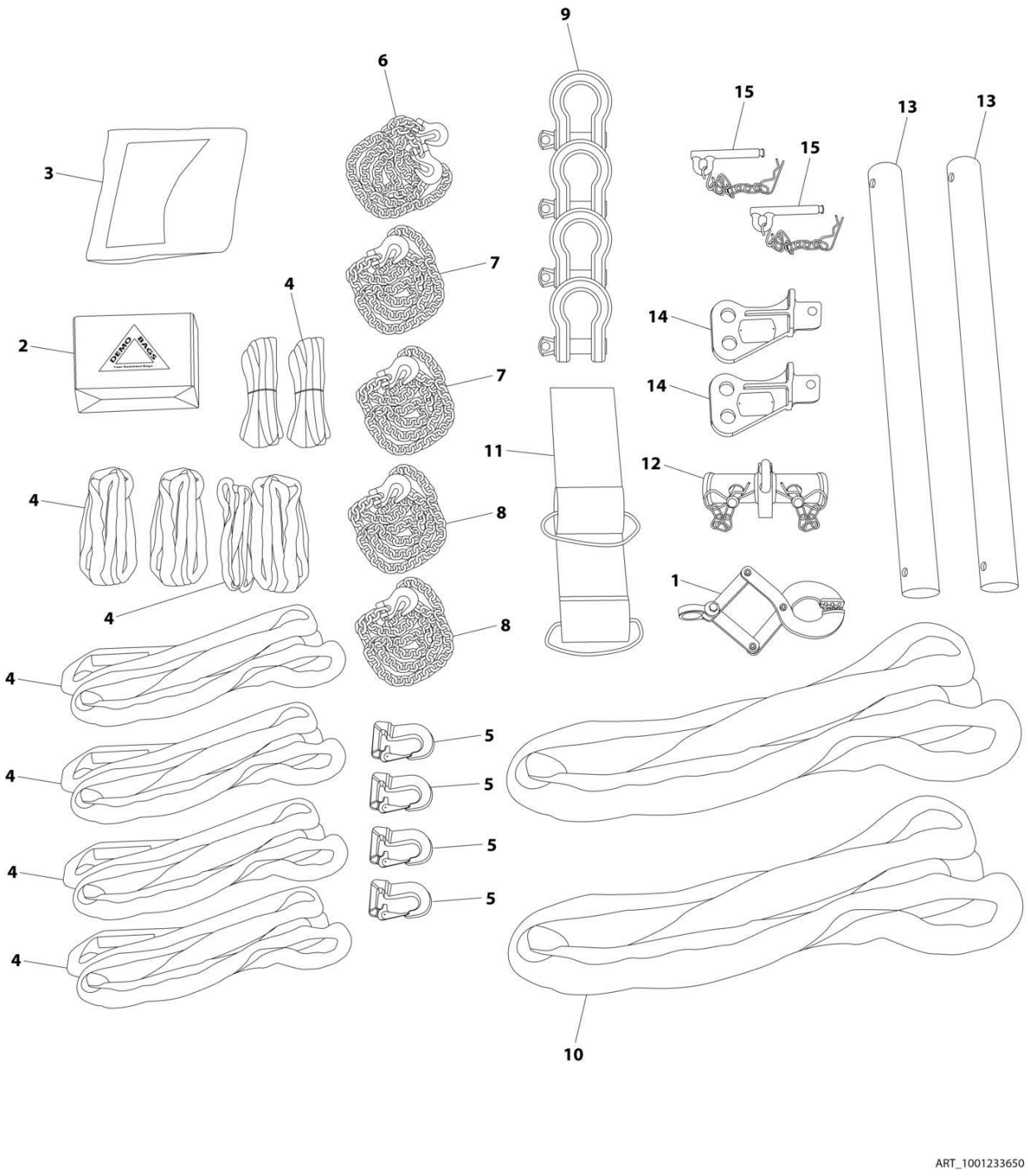


FIGURE 9-34. SPREADER BAR ACCESSORY PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233650	Ref	Spreader Bar Accessory Package	E
1	70050831	1	Pallet Lifting Jaw	
2	70050832	2	42 Gallon Demo Bag	
3	70050833	2	Poly Tarp	
4	70050834	4	Green Eye and Eye Round Sling	
5	70050835	4	Green Round Sling Hook	
6	70050836	1	Recovery Chain, 8,800 LB	
7	70050837	2	Recovery Chain Hook One End	
8	70050838	2	Recover Chain Hook	
9	70050839	4	Shackle	
10	70050840	2	Blue Round Sling	
11	70050841	2	Skate	
12	70050922	1	Center Bar	
13	70050923	2	Spreader Bar Tube	
14	70050924	2	Spreader Bar Ends	
15	70050925	4	Pin	

FIGURE 9-35. SPREADER BAR STORAGE INSTALLATION (Prior to SN 0230008542)

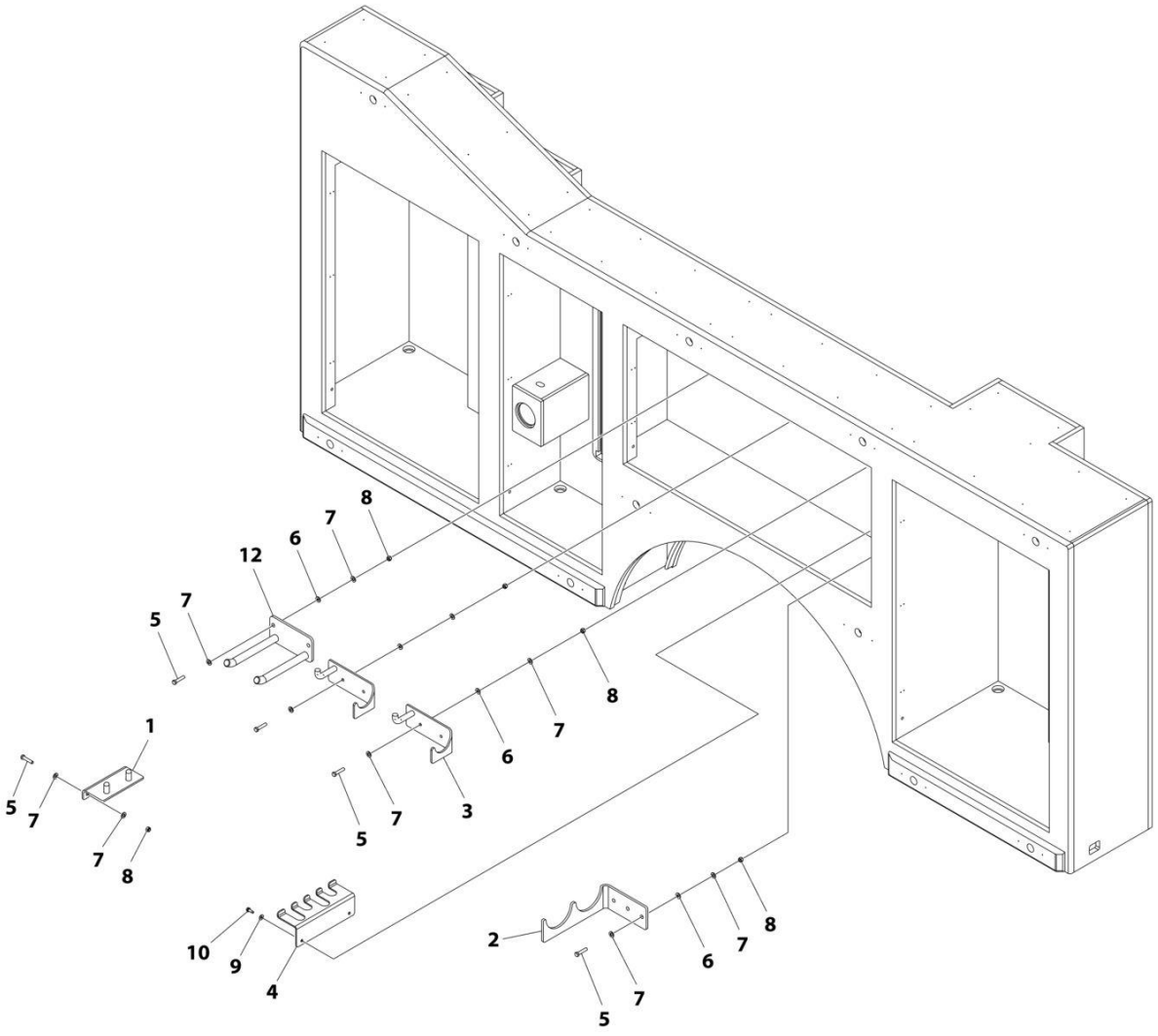


FIGURE 9-35. SPREADER BAR STORAGE INSTALLATION (Prior to SN 0230008542)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174133	Ref	SPREADER BAR STORAGE INSTALLATION	D
1	1001174138	1	Support, Front	
2	1001191613	1	Bracket	
3	1001174140	2	Support, Head	
4	1001160799	1	Bracket	
5	1001168544	11	Screw 3/8 x 1-3/4	
6	1001166974	9	Washer 3/8	
7	7950160143	22	Washer 3/8	
8	7660162601	11	Nut 3/8	
9	7950140153	2	Washer 1/4	
10	7790141251	2	Screw 1/4 x 3/4	
12	1001183142	1	Support, Mount	

FIGURE 9-36. SPREADER BAR KIT

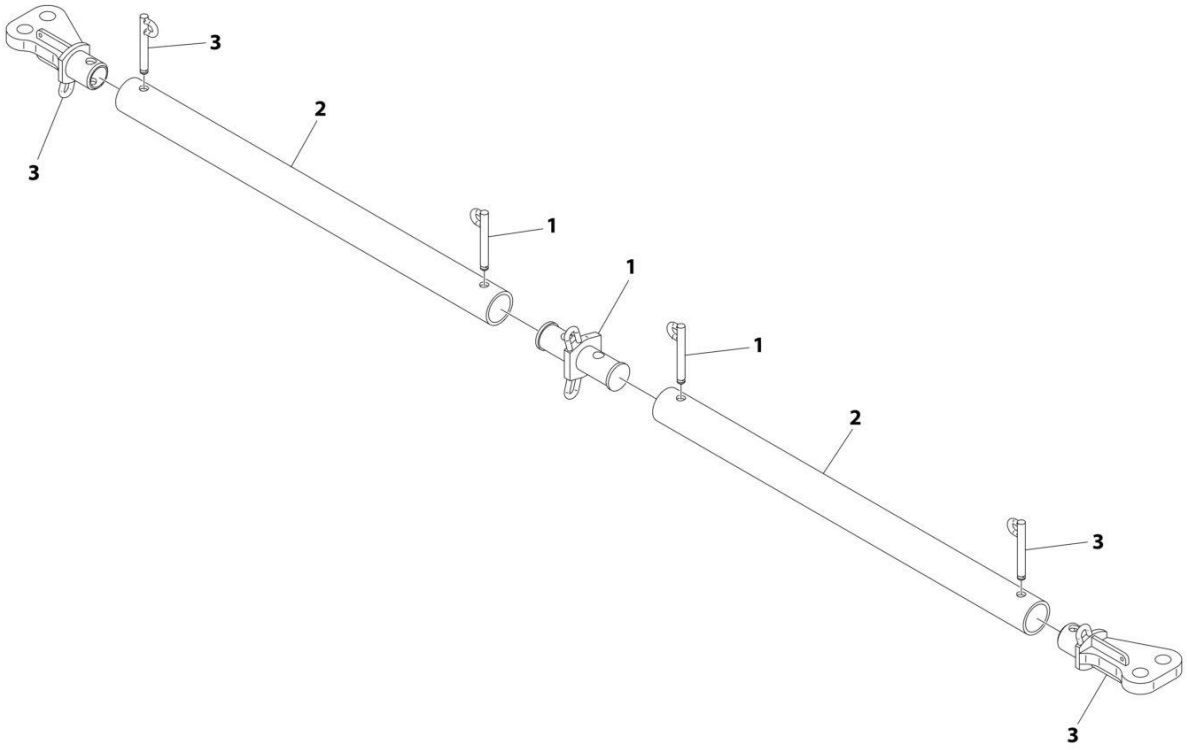


FIGURE 9-36. SPREADER BAR KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175920	Ref	Spreader Bar Kit	C
1	70050922	1	Center Bar	
2	70050923	2	Spreader Bar Tube	
3	70050924	2	Spreader Bar Ends	

FIGURE 9-37. STAY DRY SILO INSTALLATION

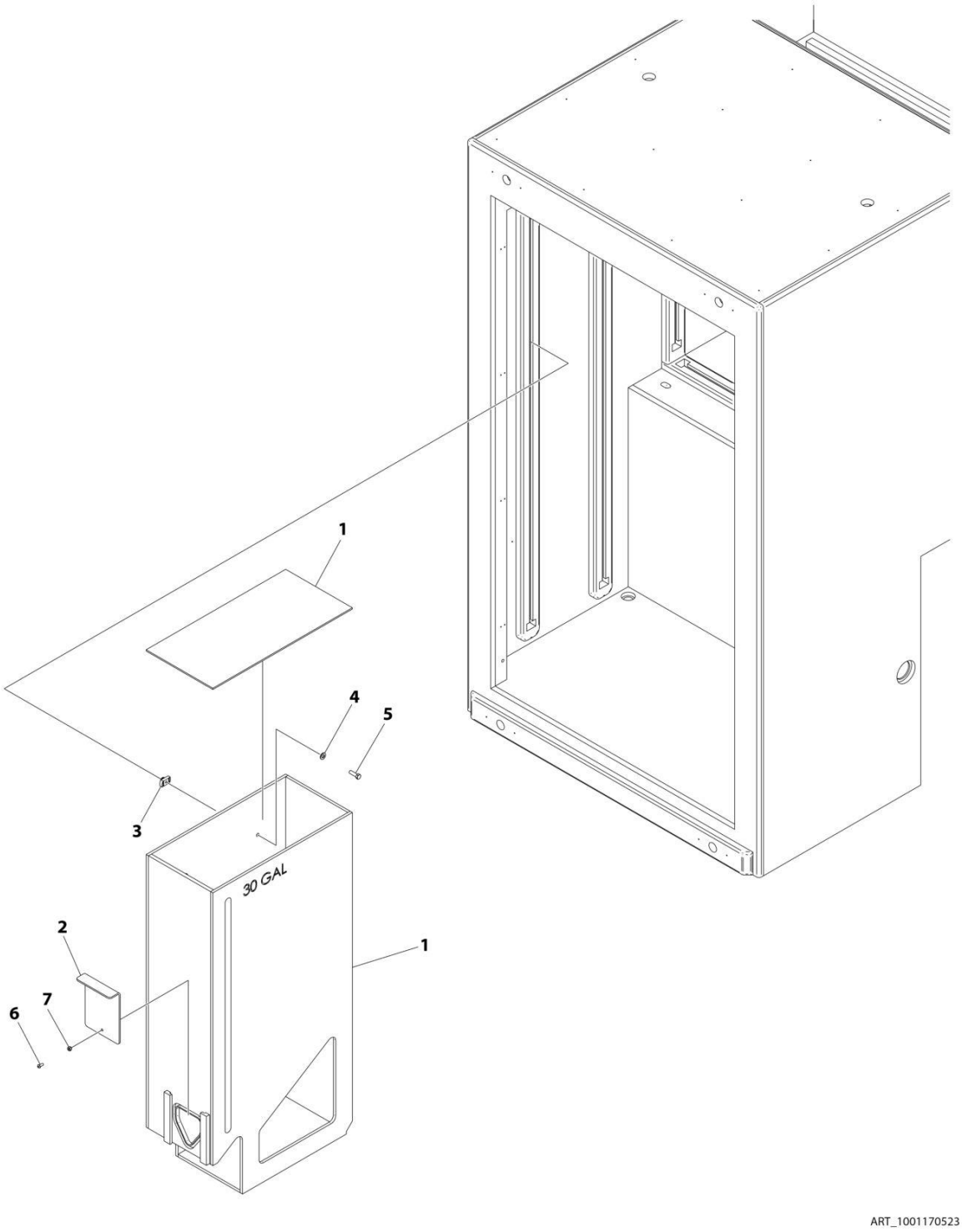


FIGURE 9-37. STAY DRY SILO INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170523	Ref	Stay Dry Silo Installation	B
1	1001170528	1	Stay Dry Silo	
2	1001170532	1	Door	
3	1001166644	5	Channel Spring 3/8	
4	7950160143	5	Washer 3/8	
5	1001169080	5	Bolt 3/8 x 1-1/4	
6	7114140518	1	Capscrew 1/4 x 5/8	
7	7660142604	1	Nut 1/4	

FIGURE 9-38. TIRE LIFT STORAGE INSTALLATION (SN 0230008452 to Present)

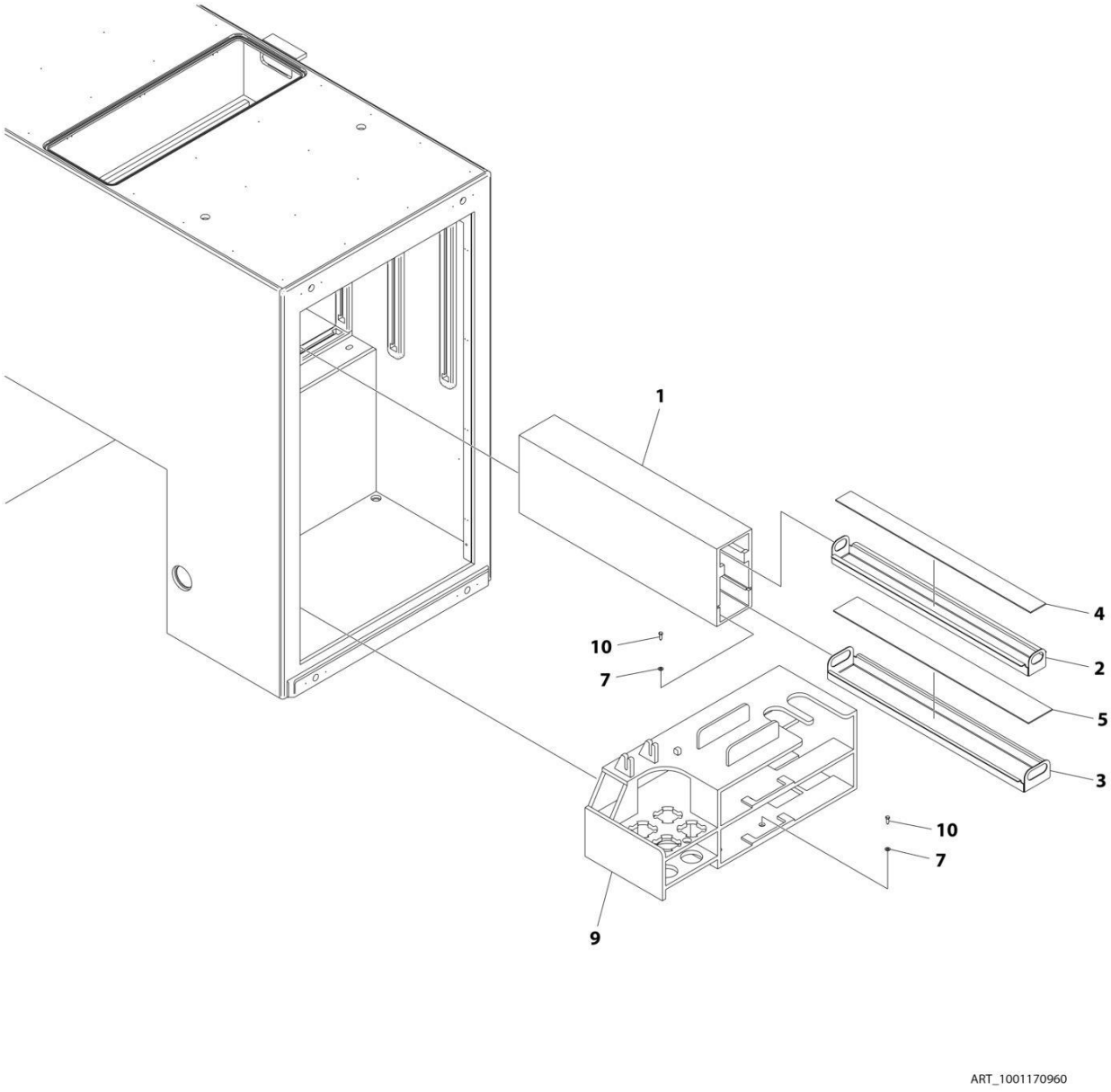


FIGURE 9-38. TIRE LIFT STORAGE INSTALLATION (SN 0230008452 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170960	Ref	Tire Lift Storage Installation	D
1	1001170971	1	Bracket	
2	1001165862	1	Channel, Small	
3	1001165863	1	Channel, Large	
4	1001170968	1	Pad, Small	
5	1001170970	1	Pad, Large	
7	7950160143	8	Washer 3/8	
9	1001170443	1	Bus Arm Storage	
10	1001168545	8	Screw 3/8 x 1-1/4	

FIGURE 9-39. TIRE LIFT STORAGE - 36IN TOOLBOX

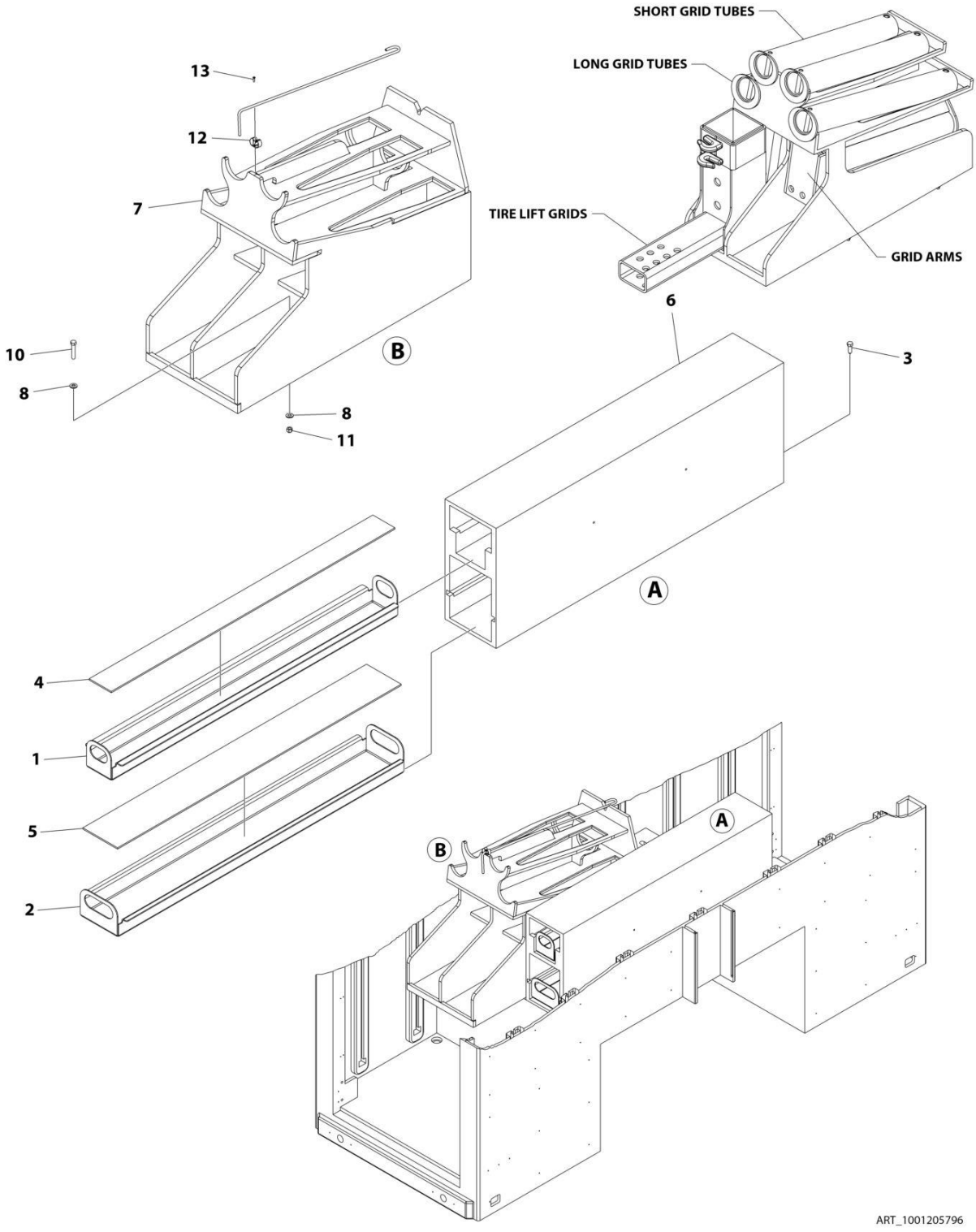


FIGURE 9-39. TIRE LIFT STORAGE - 36IN TOOLBOX

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205796	Ref	TIRE STORAGE INSTALLATION, 36IN	B
1	1001165862	1	Tray, Small	
2	1001165863	1	Tray, Large	
3	1001168545	4	Capscrew 3/8 x 1-1/4	
4	1001170968	1	Pad, Small	
5	1001170970	1	Pad, Large	
6	1001170971	1	Bracket	
7	1001192287	1	Storage	
8	7950160143	8	Washer 3/8	
10	7115161650	4	Capscrew 3/8 x 2	
11	7660162601	4	Nut 3/8	
12	1380135	1	Clip	
13	3900339	1	Screw #6 x 1/2	

FIGURE 9-40. TOOLBOX INSTALLATION

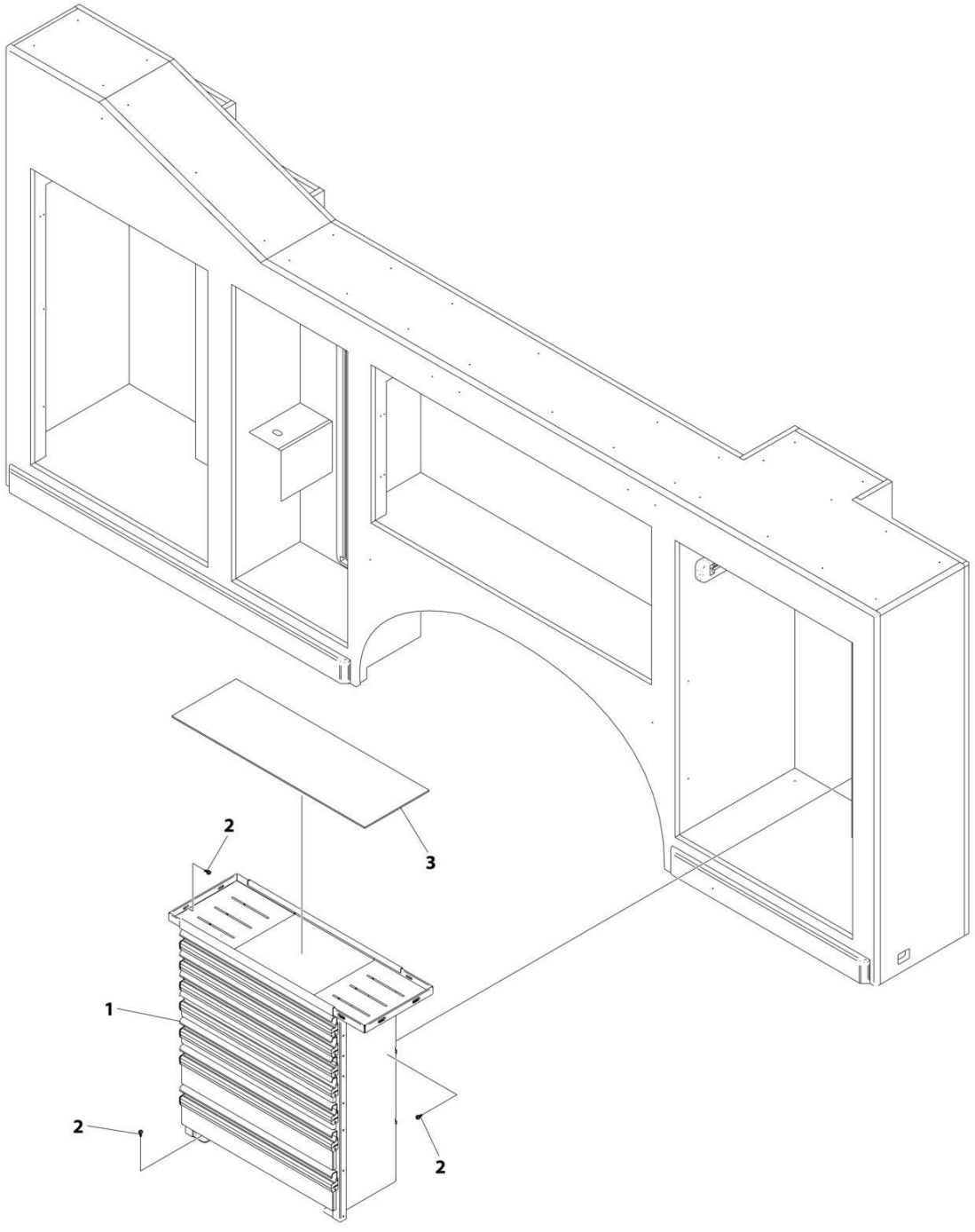
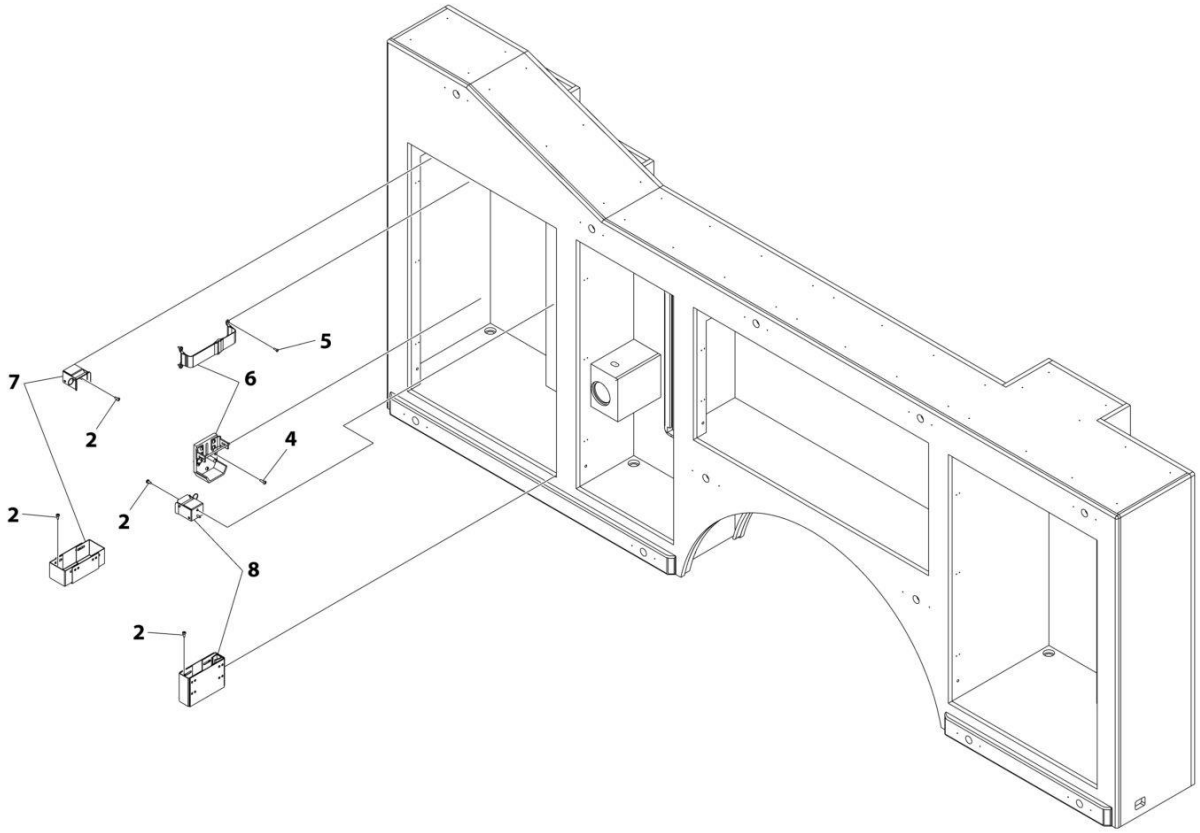


FIGURE 9-40. TOOLBOX INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170845	Ref	Toolbox Installation	A
1	1001170846	1	Toolbox	
2	1001141265	13	Screw #14 x 3/4	
3	1001170995	1	Pad	

FIGURE 9-41. TOOL STORAGE INSTALLATION

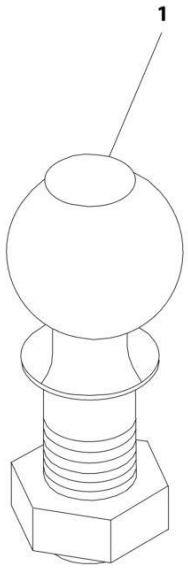


ART_1001174146

FIGURE 9-41. TOOL STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174146	Ref	Tool Storage Installation	C
2	0751406	8	Screw 1/4 x 3/4	
4	0751408	3	Screw 1/4 x 1	
5	0751006	4	Screw #10 x 3/4	
6	1001175248	1	Bolt Cutter Mount	
7	1001175249	1	Sledge Hammer Mount	
8	1001177286	1	Axe Mount	

FIGURE 9-42. TOW ACC - 1.88IN DIA PINTLE HOOK BALL

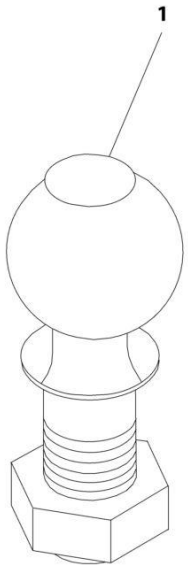


ART_1001231628

FIGURE 9-42. TOW ACC - 1.88IN DIA PINTLE HOOK BALL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231628	Ref	TOW BALL - 1.88IN DIA	A
1	7056000003	1	Ball, 1.88IN Dia	

FIGURE 9-43. TOW ACC - 2.00IN DIA PINTLE HOOK BALL

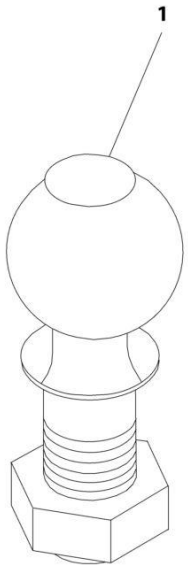


ART_1001231629

FIGURE 9-43. TOW ACC - 2.00IN DIA PINTLE HOOK BALL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231629	Ref	TOW BALL - 2IN DIA	A
1	7056000004	1	Ball, 2.00IN Dia	

FIGURE 9-44. TOW ACC - 2.31IN DIA PINTLE HOOK BALL

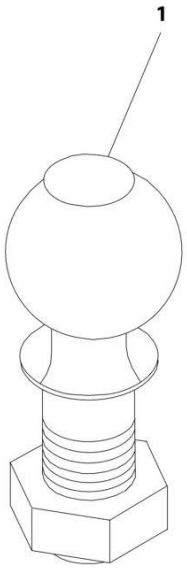


ART_1001231630

FIGURE 9-44. TOW ACC - 2.31IN DIA PINTLE HOOK BALL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231630	Ref	TOW BALL - 2.31IN DIA	A
1	7056000005	1	Ball, 2.31IN Dia	

FIGURE 9-45. TOW ACC - 50MM DIA PINTLE HOOK BALL



ART_1001231631

FIGURE 9-45. TOW ACC - 50MM DIA PINTLE HOOK BALL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231631	Ref	Tow Acc, 50mm Dia Pintle Hook Ball	A
1	7056000006	1	Ball, 50mm Dia	

FIGURE 9-46. TOW LIGHT STORAGE INSTALLATION

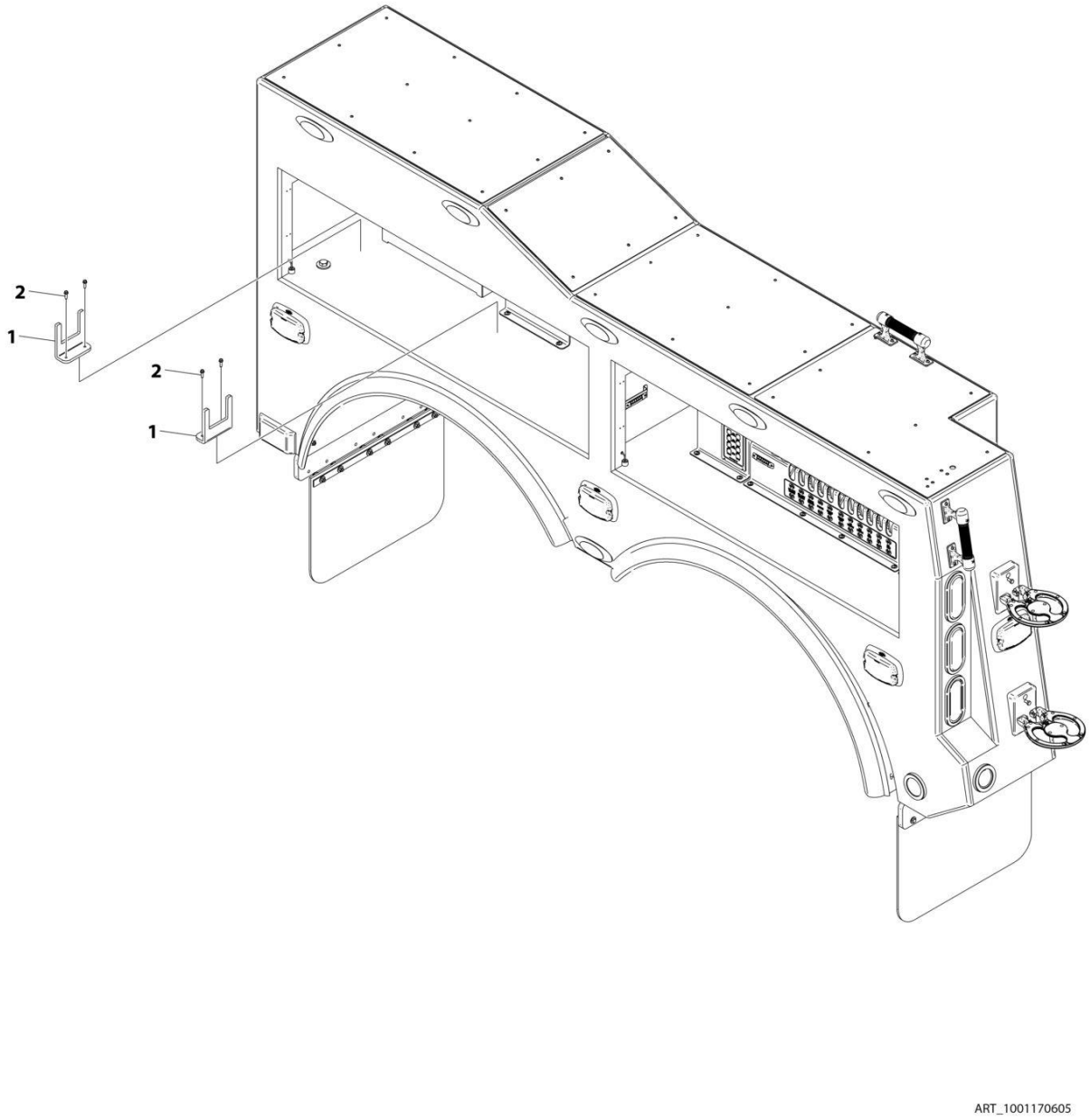


FIGURE 9-46. TOW LIGHT STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170605	Ref	Tow Light Storage Installation	A
1	1001170618	2	Bracket	
2	7790141651	4	Screw 1/4 x 1	

FIGURE 9-47. TRAFFIC CONE STORAGE INSTALLATION

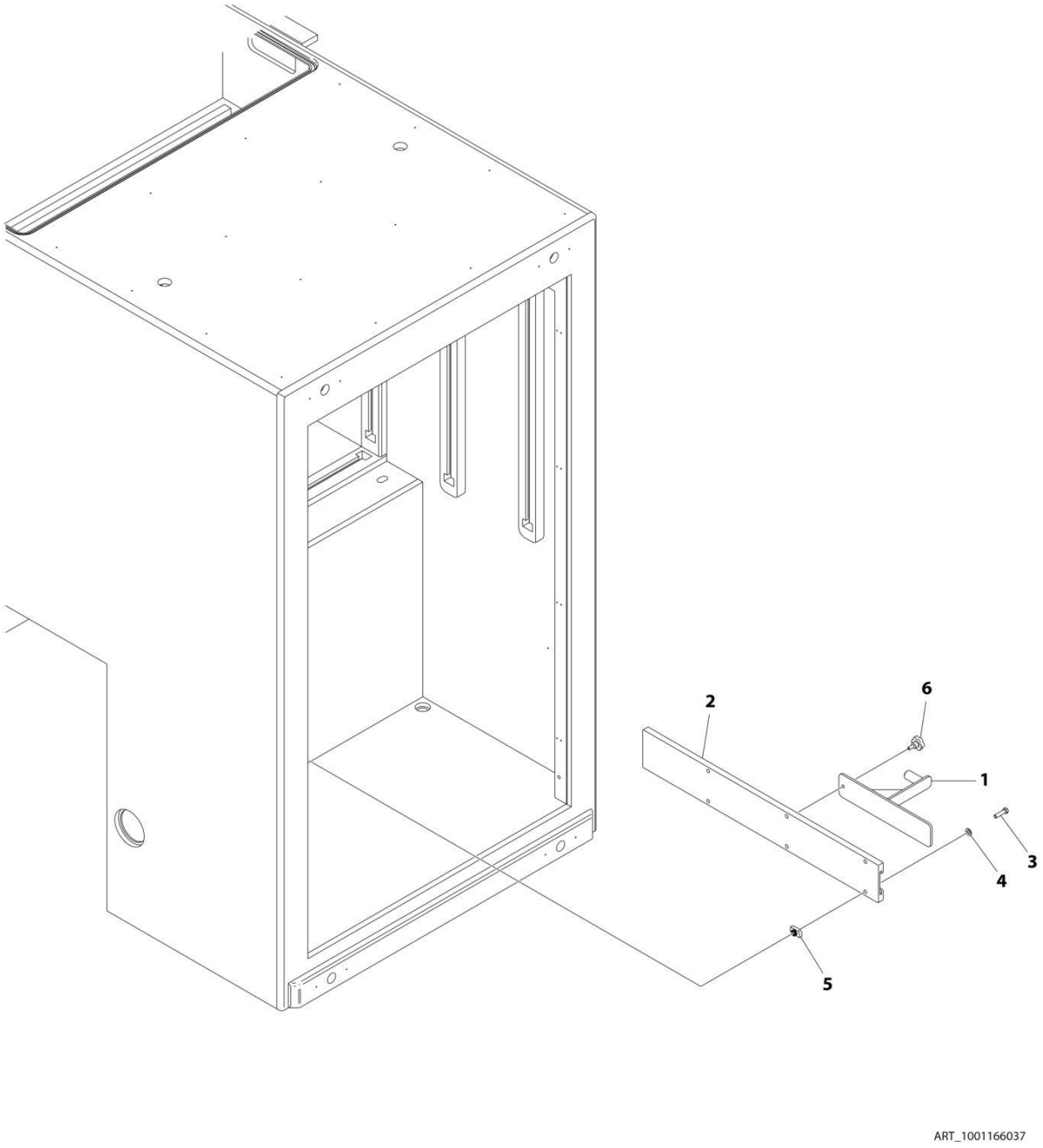


FIGURE 9-47. TRAFFIC CONE STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166037	Ref	Traffic Cone Storage Installation	B
1	1001165991	1	Support	
2	1001170434	1	Support	
3	1001168993	6	Screw 3/8 x 1-1/2	
4	7950160143	6	Washer 3/8	
5	1001166644	6	Spring Nut 3/8	
6	1001170425	1	Bolt 5/16 x 3/4	
7	3020029	AR	Bearing Grease (Not Shown)	

FIGURE 9-48. UNDERLIFT TOOLS - 14,000 LBS TIRE LIFT

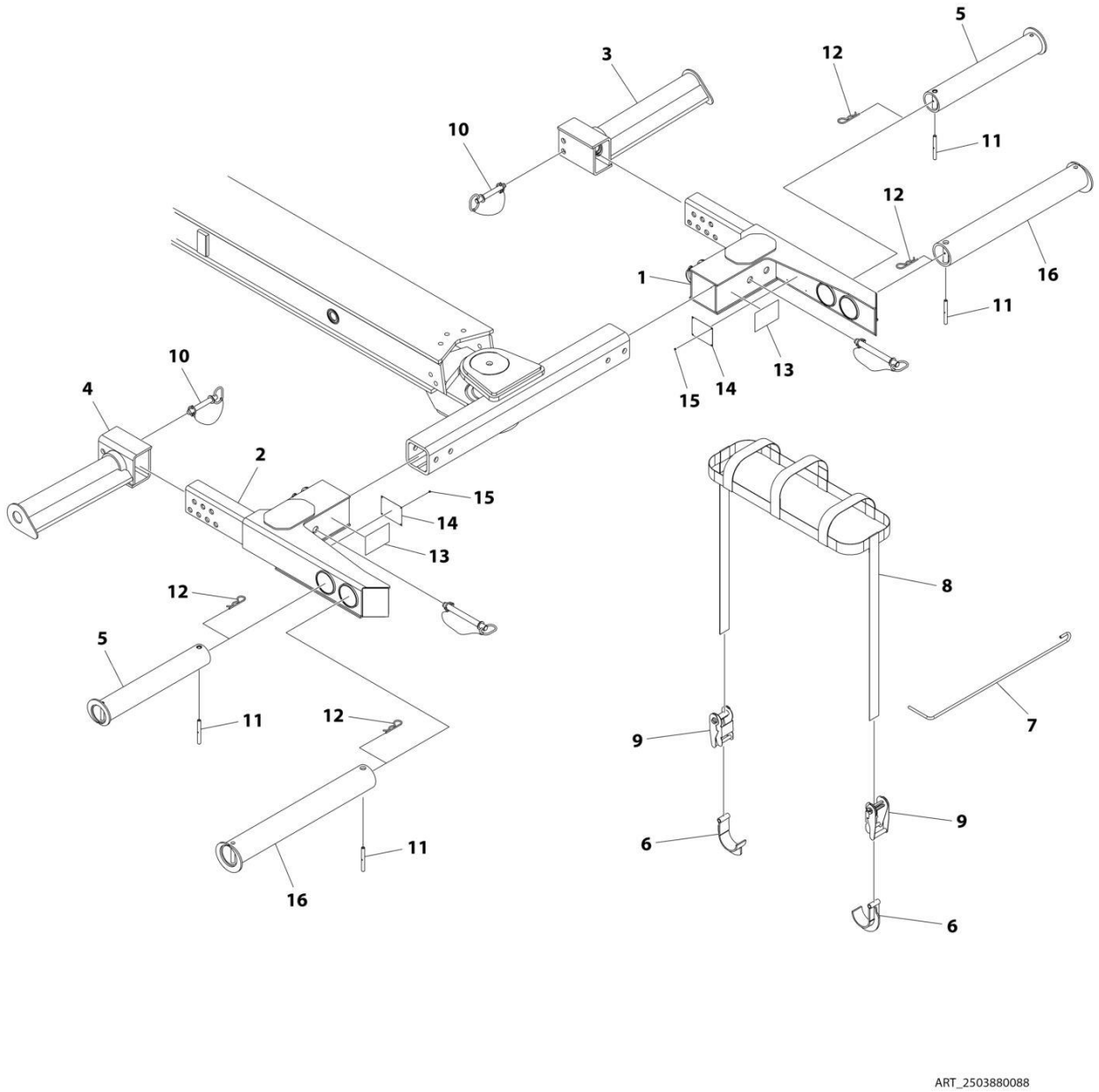


FIGURE 9-48. UNDERLIFT TOOLS - 14,000 LBS TIRE LIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2503880088	Ref	UNDERLIFT GRID TOOLS, 14000 LBS TIRE LIFT	C
1	3484000048	1	Tire Lift Grid, RH	
2	3484000049	1	Tire Lift Grid, LH	
3	3020000120	1	Tire Lift Arm Weldment, RH	
4	3020000119	1	Tire Lift Arm Weldment, LH	
5	3912000038	2	Tire Lift Tube Weldment	
6	3561000008	4	Hook	
7	4561000012	1	Pull Hook	
8	7894000037	2	Strap Assembly Heavy Duty	
9	7894000028	4	Ratchet Strap	
10	7691000026	2	Hitch Pin	
11	4691000274	4	Pin	
12	7691000020	4	Hairpin	
13	7330000278	2	Decal, Caution	
14	1001132268	2	Decal, Rating	
15	7759000004	8	Pop Rivet	
16	3912000033	2	Tire Lift Tube Weldment	

FIGURE 9-49. UNDERLIFT TOOLS - 25,000 LBS TIRE LIFT

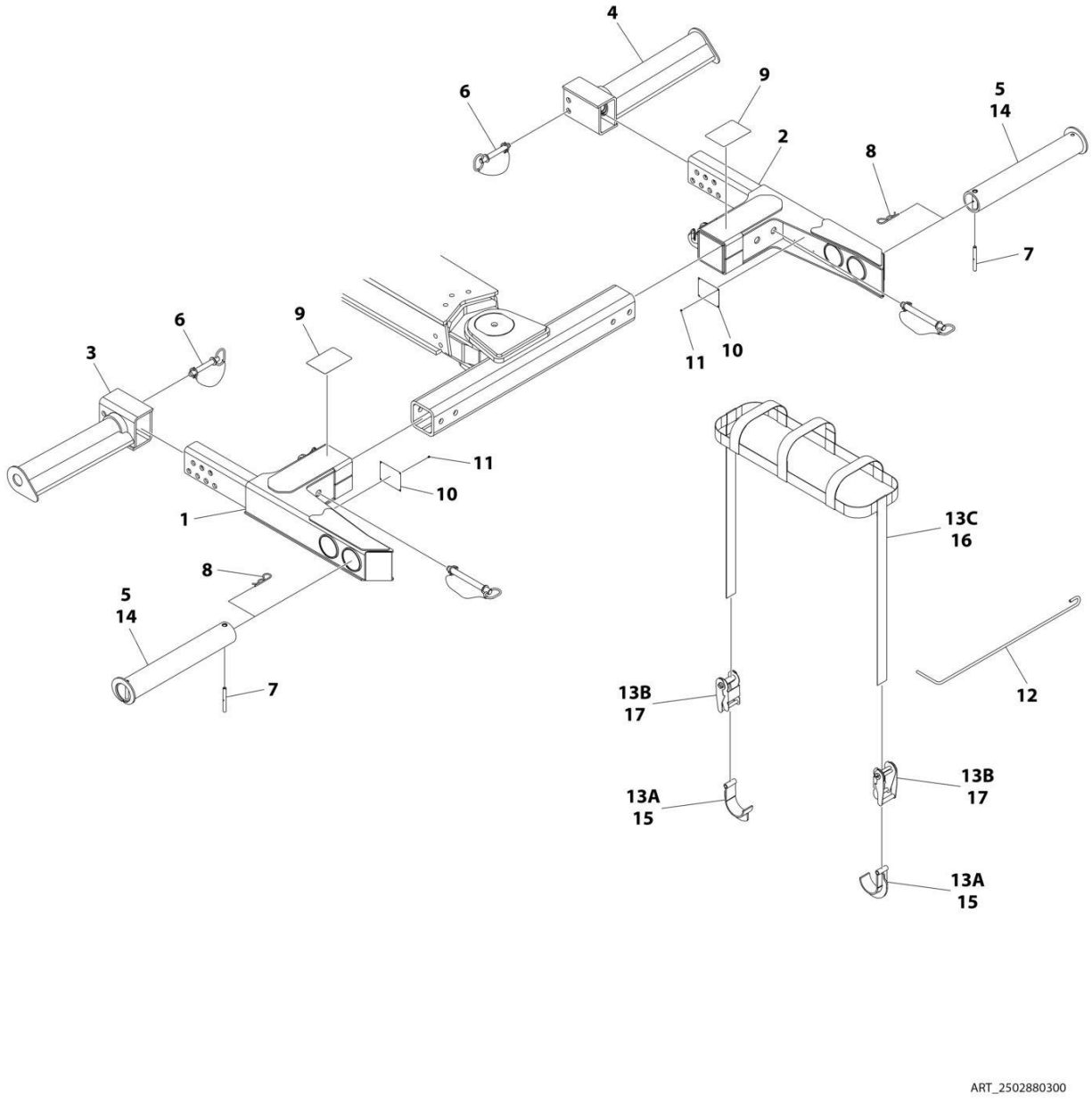


FIGURE 9-49. UNDERLIFT TOOLS - 25,000 LBS TIRE LIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502880300	Ref	Underlift Tools - 25,000 lbs Tire Lift	C
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	

FIGURE 9-50. UNDERLIFT TOOLS - 5TH WHEEL INSTALLATION

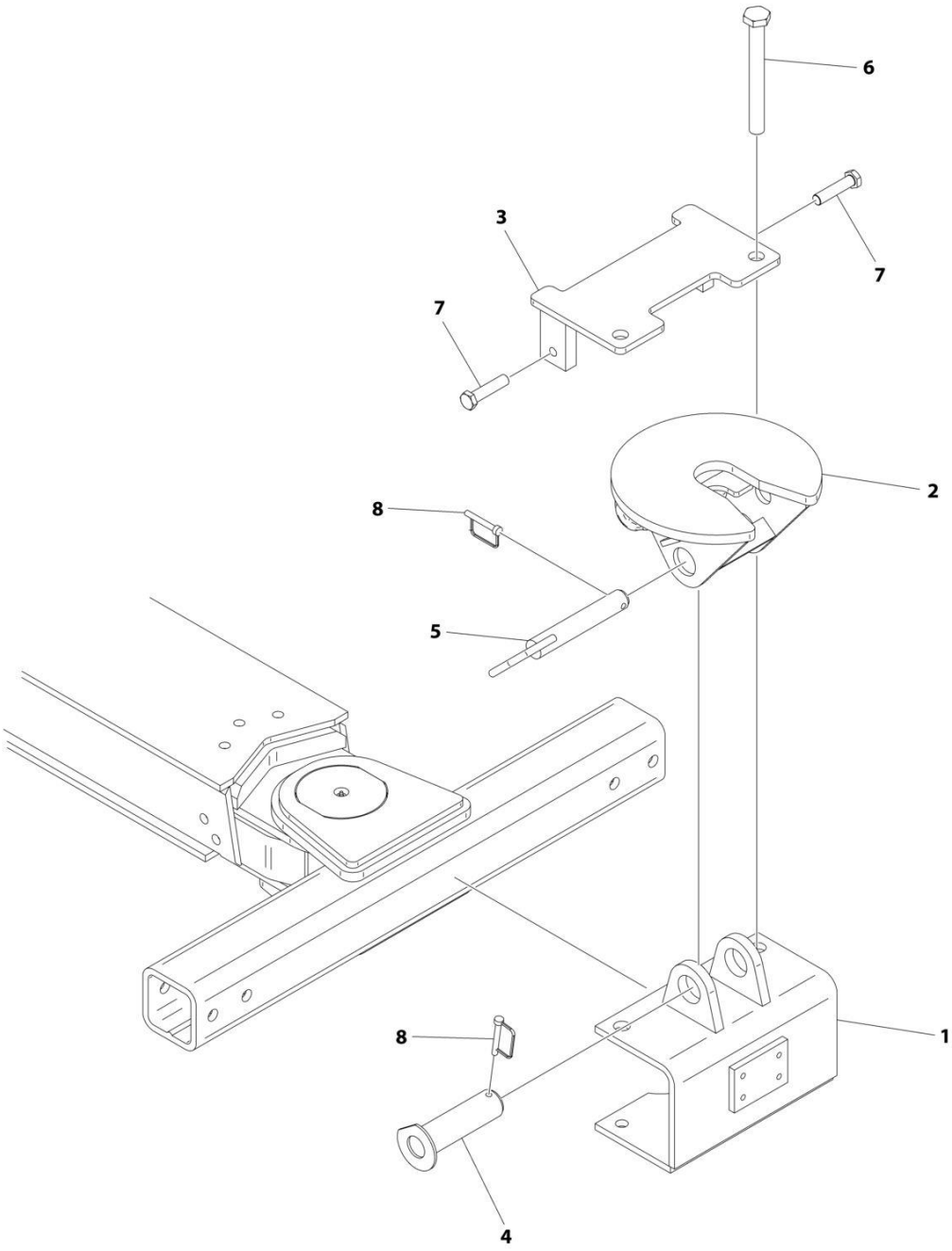
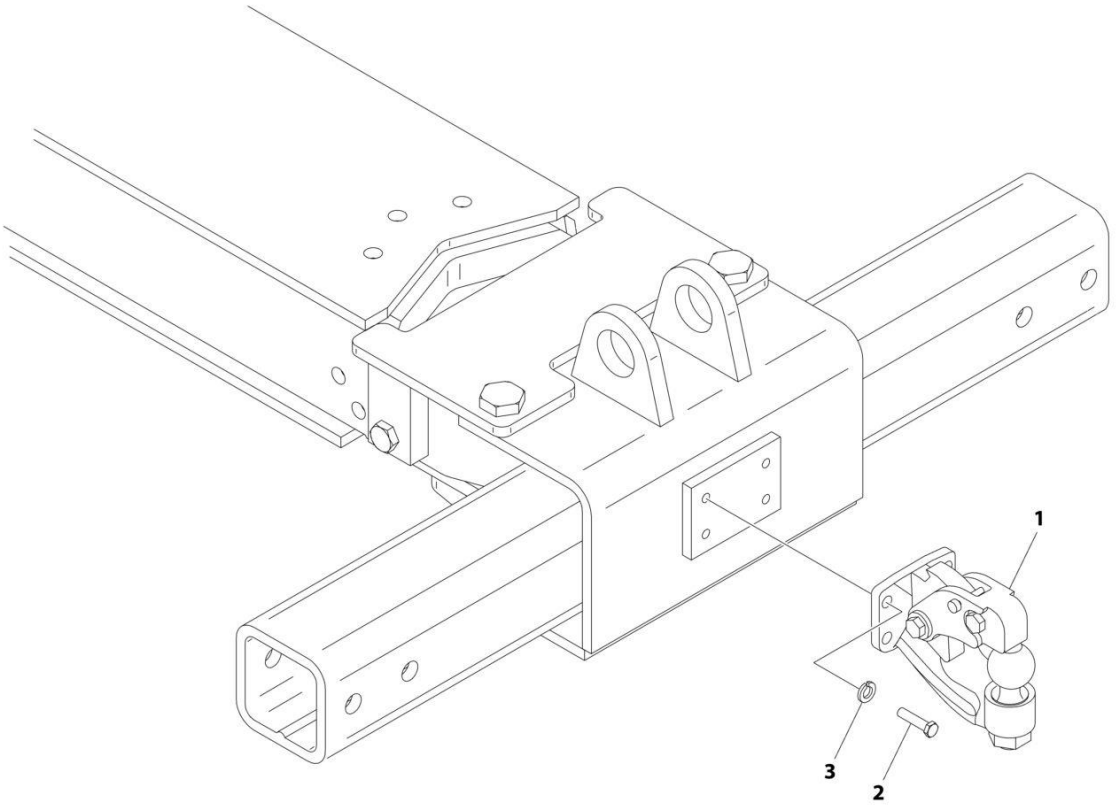


FIGURE 9-50. UNDERLIFT TOOLS - 5TH WHEEL INSTALLATION

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 9-51. UNDERLIFT TOOLS - PINTLE HOOK WITH 2" DIA BALL

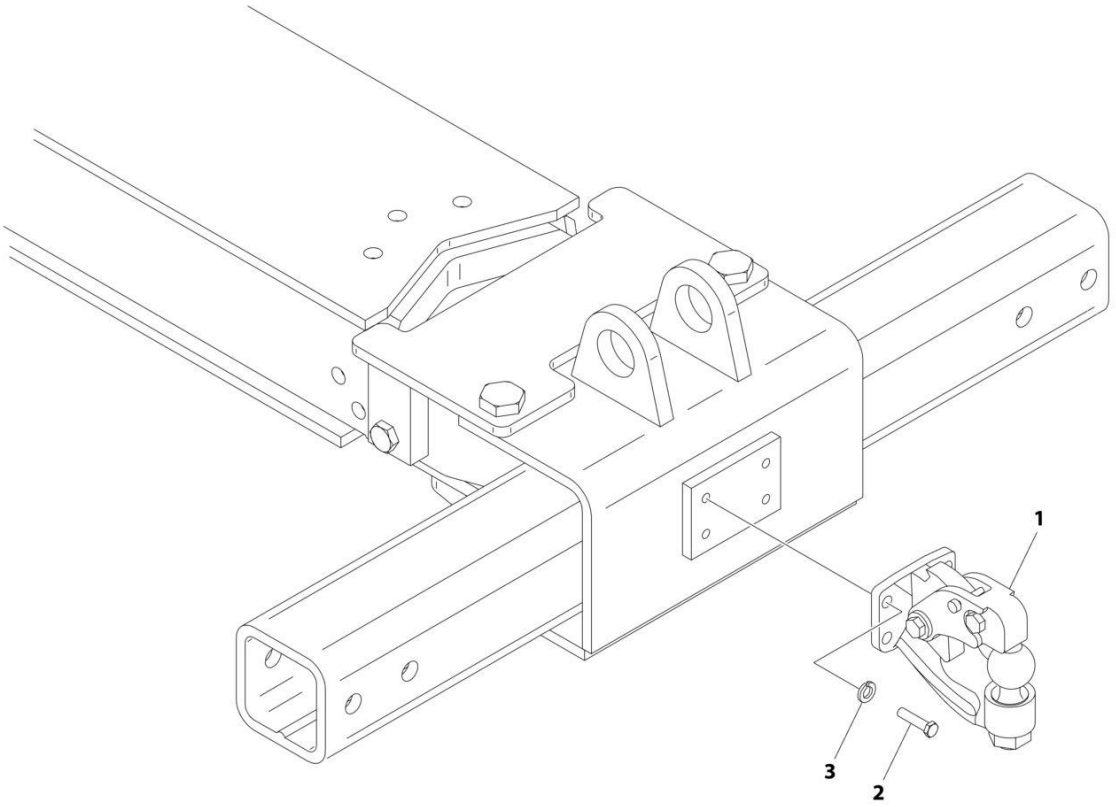


ART_2503880043

FIGURE 9-51. UNDERLIFT TOOLS - PINTLE HOOK WITH 2" DIA 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 9-52. UNDERLIFT TOOLS - PINTLE HOOK WITH 50MM DIA BALL



ART_2503880044

FIGURE 9-52. UNDERLIFT TOOLS - PINTLE HOOK WITH 50MM DIA 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 9-53. WHEEL CHOCK STORAGE INSTALLATION

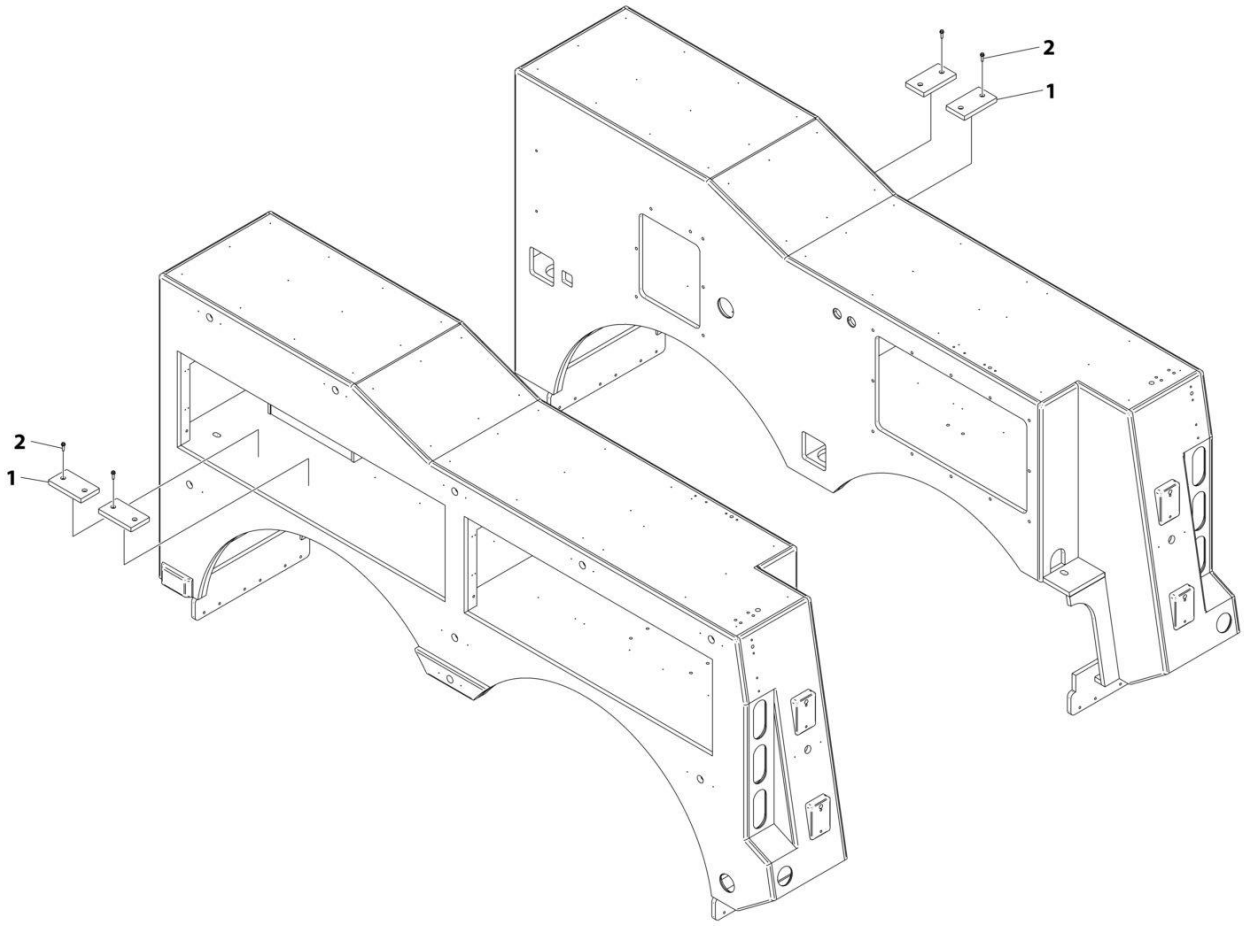


FIGURE 9-53. WHEEL CHOCK STORAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170698	Ref	Wheel Chock Storage Installation	C
1	1001170707	4	Wheel Chock Stops	
2	7790141651	8	Screw 1/4 x 1	

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