



Illustrated Parts Manual

Model ***JD MPL60*** ***STANDARD DUTY*** ***WRECKER***

P/N

5376000280

November 1, 2023 - Rev A



An Oshkosh Corporation Company

REVISION LOG

November 1, 2023 - A - Original Issue of Manual (Edited to 1001142020 Rev R+)

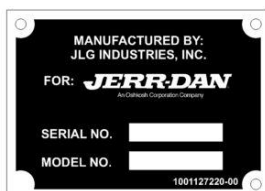
GENERAL INFORMATION

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

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

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



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

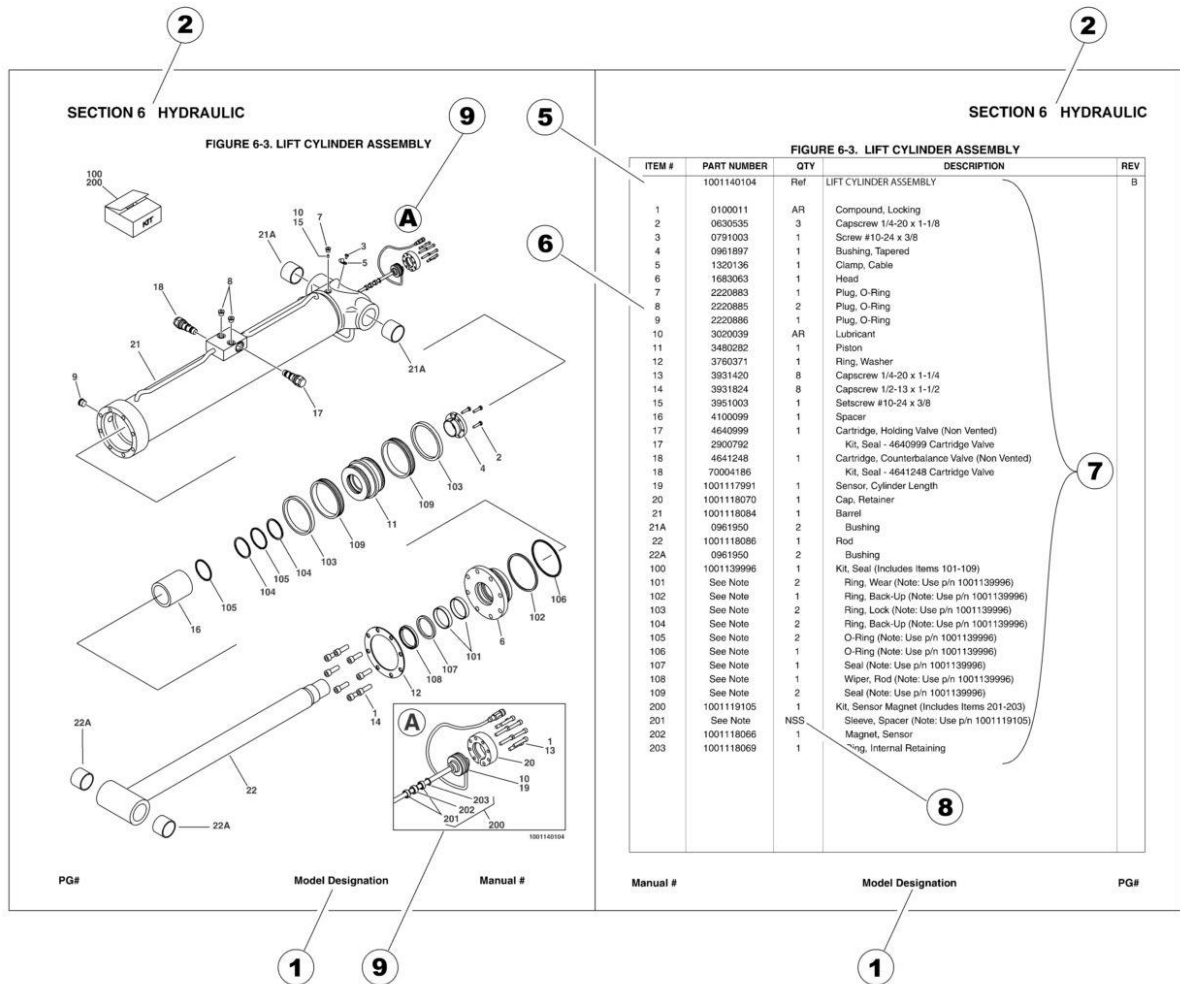
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Manufactured under one or more of the following patents: 5,575,606; 5,672,042; 5,697,741; 5,713,714; 5,722,810; 5,782,596; 5,839,775 and 6,315,515 B1 with other Patents Pending.

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GENERAL INFORMATION



1) MACHINE IDENTIFICATION

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

2) PARTS MANUAL ORGANIZATION

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

3) TABLE OF CONTENTS (NOT SHOWN)

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

4) BUILD DOCUMENTS (NOT SHOWN)

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

GENERAL INFORMATION

5) NON-SERVICED PARTS

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

6) PARTS LIST ITEM NUMBERS

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

7) INDENTED PARTS DESCRIPTION

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

8) ABBREVIATION AND SYMBOLS

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

9) ILLUSTRATION REFERENCE LETTERS

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

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

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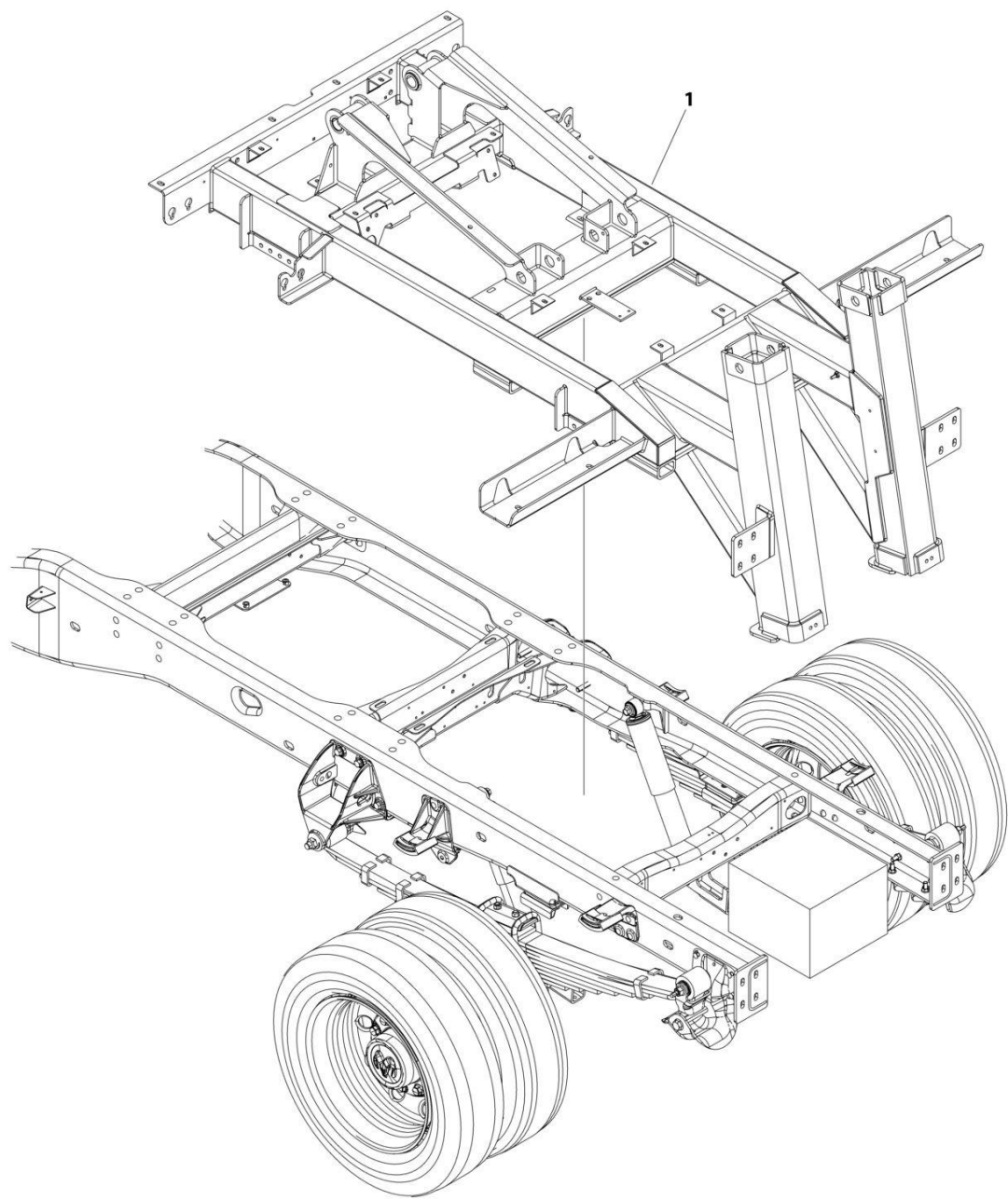
FIGURE 10-1. BUILD DOC_5376000274326

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SECTION 1 - SUBFRAME

SECTION 1 - SUBFRAME

FIGURE 1-1. SUBFRAME INSTALLATION



ART_1001290894

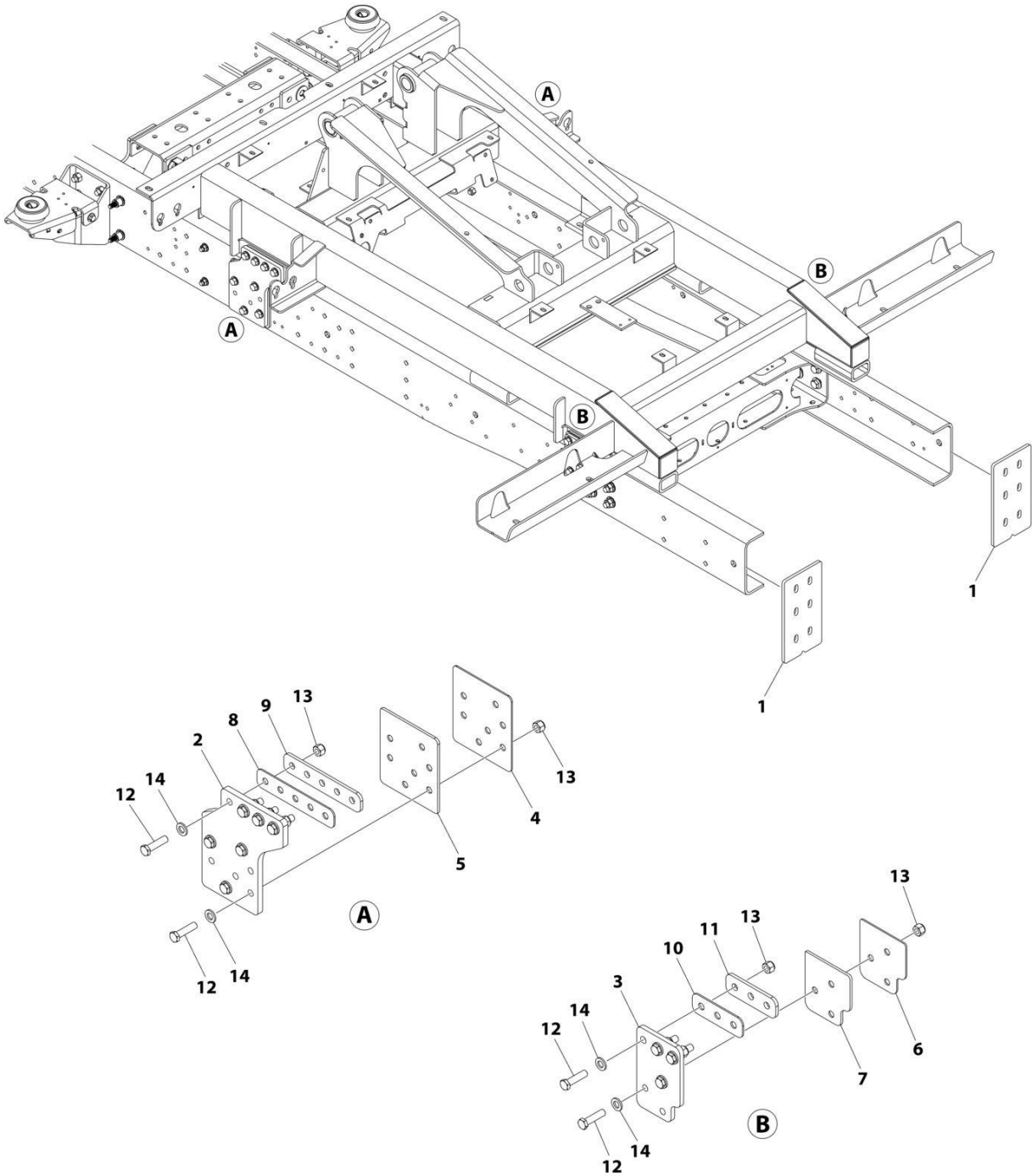
SECTION 1 - SUBFRAME

FIGURE 1-1. SUBFRAME INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001290894	Ref	SUBFRAME INSTALLATION	C
	1001289325	1	SUBFRAME WELDMENT	

SECTION 1 - SUBFRAME

FIGURE 1-2. CHASSIS MOUNTING KIT - GENERIC



ART_1001298068

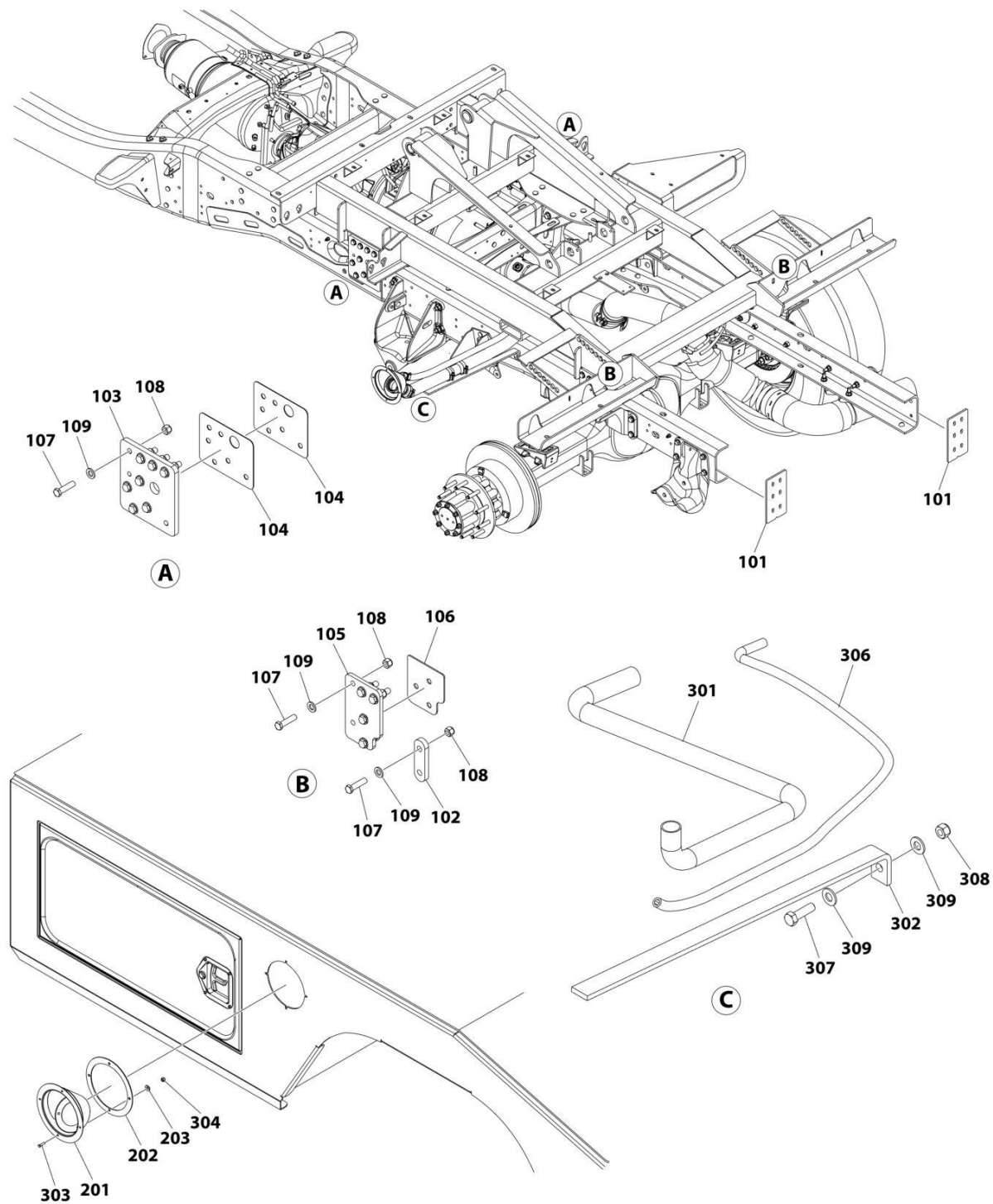
SECTION 1 - SUBFRAME

FIGURE 1-2. CHASSIS MOUNTING KIT - GENERIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001298068	Ref	CHASSIS MOUNTING KIT - GENERIC	B
1	1001296069	2	Plate	
2	4706005904	2	Plate	
3	4706006442	2	Plate (Rear)	
4	1001127340	2	Shim	
5	1001127341	2	Shim	
6	4812000142	2	Shim	
7	1001127342	2	Shim	
8	4811001194	2	Plate	
9	4706005906	2	Plate	
10	1001127387	2	Shim	
11	1001127388	2	Shim	
12	0681816	26	Bolt 1/2 x 2	
13	3271805	26	Nut 1/2	
14	4711800	26	Washer 1/2	

SECTION 1 - SUBFRAME

FIGURE 1-3. CHASSIS MOUNTING KIT - DODGE 2013+ WITH 60IN CA



ART_1001297530

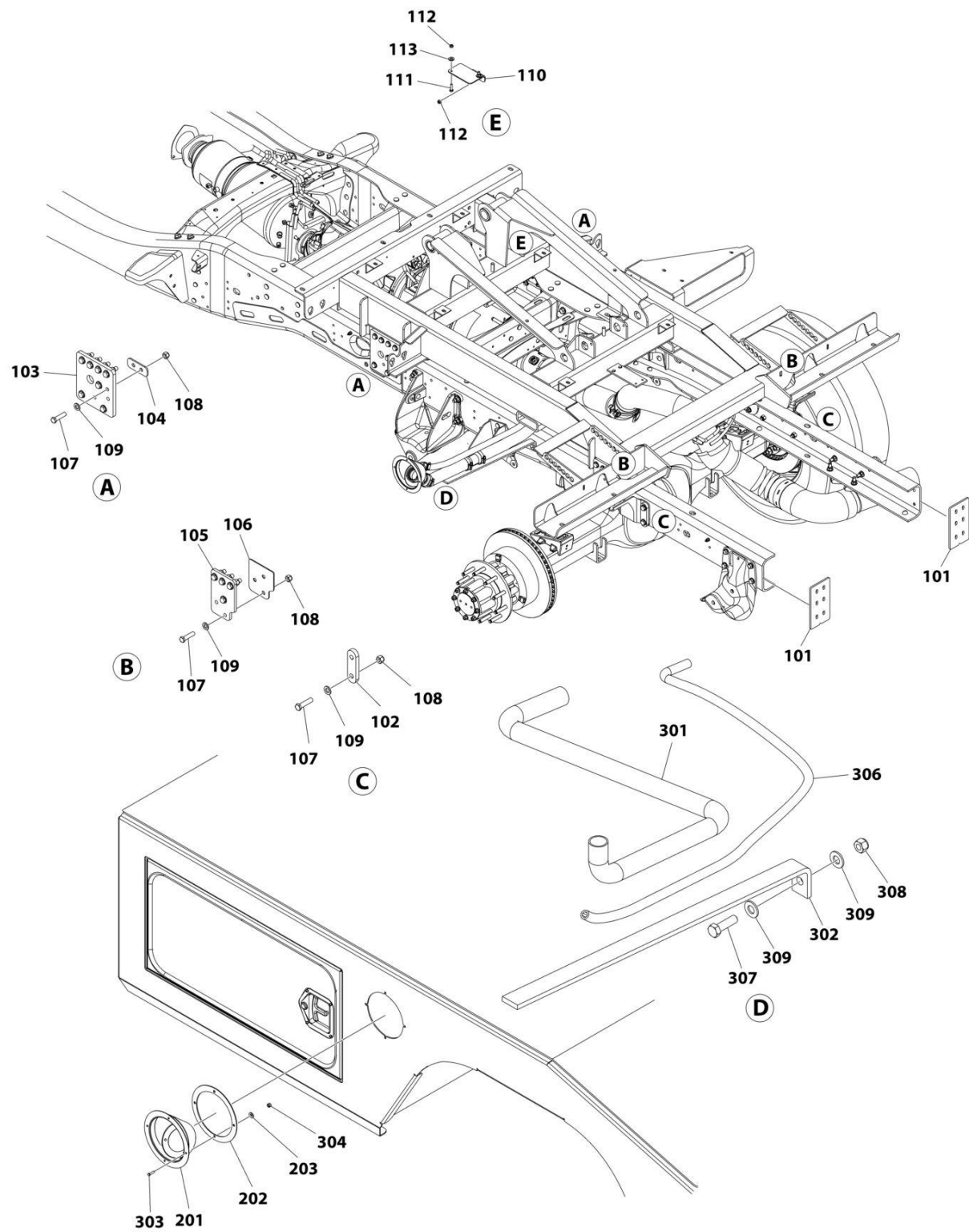
SECTION 1 - SUBFRAME

FIGURE 1-3. CHASSIS MOUNTING KIT - DODGE 2013+ WITH 60IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001297530	Ref	CHASSIS MOUNTING KIT - DODGE 2013+ WITH 60IN CA	A
	1001297527	Ref	Dodge Subframe Installation (Not Shown) (See Items 101-109 for Breakdown)	
2	2178000062	Ref	Bracket Installation (Not Shown) (See Items 201-203 for Breakdown)	B
3	2570000157	Ref	Hose Installation (Not Shown) (See Items 301-309 for Breakdown)	
101-109	1001297527	Ref	DODGE SUBFRAME INSTALLATION	
	1001296069	2	Plate	
	1001160779	2	Shim	
	1001160831	2	Plate	
	1001160988	4	Shim	
	4706006442	2	Plate	
	4812000142	2	Shim	
	0681816	30	Bolt 1/2 x 2	
	3271805	30	Nut 1/2	
	4711800	30	Washer 1/2	
201-203	2178000062	Ref	BRACKET INSTALLATION	0
	7449000019	1	Flange	
	7796000100	1	Gasket	
	7950100151	4	Washer 3/16	
301-309	2570000157	Ref	HOSE INSTALLATION	A
	7570000037	1	Hose	
	4533000415	1	Gas Filler Bracket	
	7114100810	4	Screw #10 x 1	
	7660102604	4	Nut #10	
	5526000553	8	Tie-Strap (Not Shown)	
	7570000036	AR	Hose Fuel Vent	
	7115161050	1	Bolt 3/8 x 1-1/4	
	7660162601	1	Nut 3/8	
	7950160141	2	Washer 3/8	

SECTION 1 - SUBFRAME

FIGURE 1-4. CHASSIS MOUNTING KIT - DODGE 2013+ WITH 84IN CA



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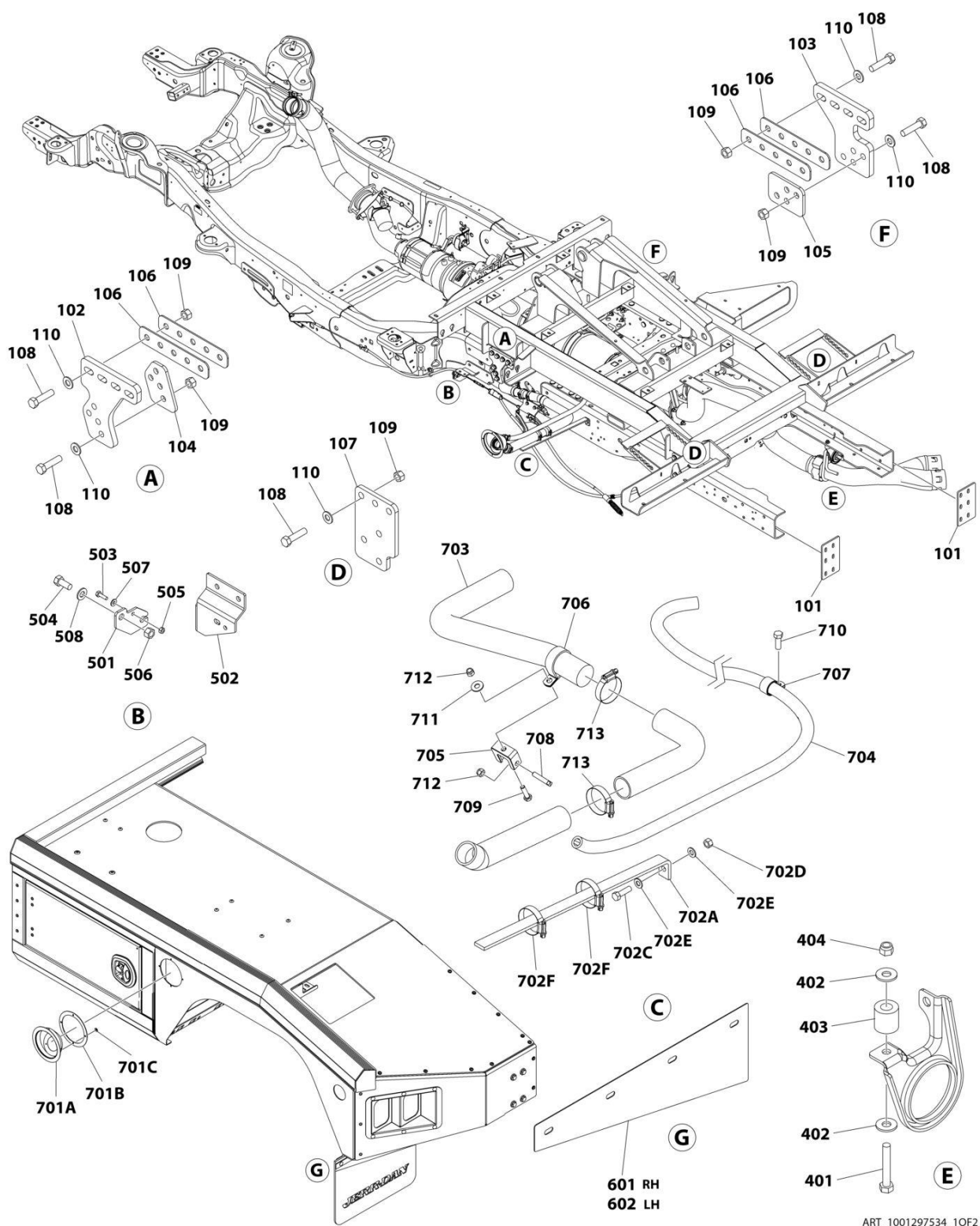
SECTION 1 - SUBFRAME

FIGURE 1-4. CHASSIS MOUNTING KIT - DODGE 2013+ WITH 84IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001297531	Ref	CHASSIS MOUNTING KIT - DODGE 2013+ WITH 84IN CA	A
	1001297528	Ref	Dodge Subframe Installation (Not Shown) (See Items 101-113 for Breakdown)	
2	2178000062	Ref	Bracket Installation (Not Shown) (See Items 201-203 for Breakdown)	B
3	2570000157	Ref	Hose Installation (Not Shown) (See Items 301-309 for Breakdown)	
	1001297528	Ref	DODGE SUBFRAME INSTALLATION	
101	1001296069	2	Plate	
102	1001160779	2	Shim	
103	1001160831	2	Plate	
104	1001160835	2	Shim	
105	4706006442	2	Plate	
106	4812000142	2	Shim	
107	0681816	30	Bolt 1/2 x 2	
108	3271805	30	Nut 1/2	
109	4711800	30	Washer 1/2	
110	1001160919	1	Bracket	
111	0641408	2	Bolt 1/4 x 1	
112	3271405	3	Nut 1/4	
113	4711400	2	Washer 1/4	0
	2178000062	Ref	BRACKET INSTALLATION	
201	7449000019	1	Flange	
202	7796000100	1	Gasket	
203	7950100151	4	Washer 3/16	A
	2570000157	Ref	HOSE INSTALLATION	
301	7570000037	1	Hose	
302	4533000415	1	Gas Filler Bracket	
303	7114100810	4	Screw #10 x 1	
304	7660102604	4	Nut #10	
305	5526000553	8	Tie-Strap (Not Shown)	
306	7570000036	AR	Hose Fuel Vent	
307	7115161050	1	Bolt 3/8 x 1-1/4	
308	7660162601	1	Nut 3/8	
309	7950160141	2	Washer 3/8	

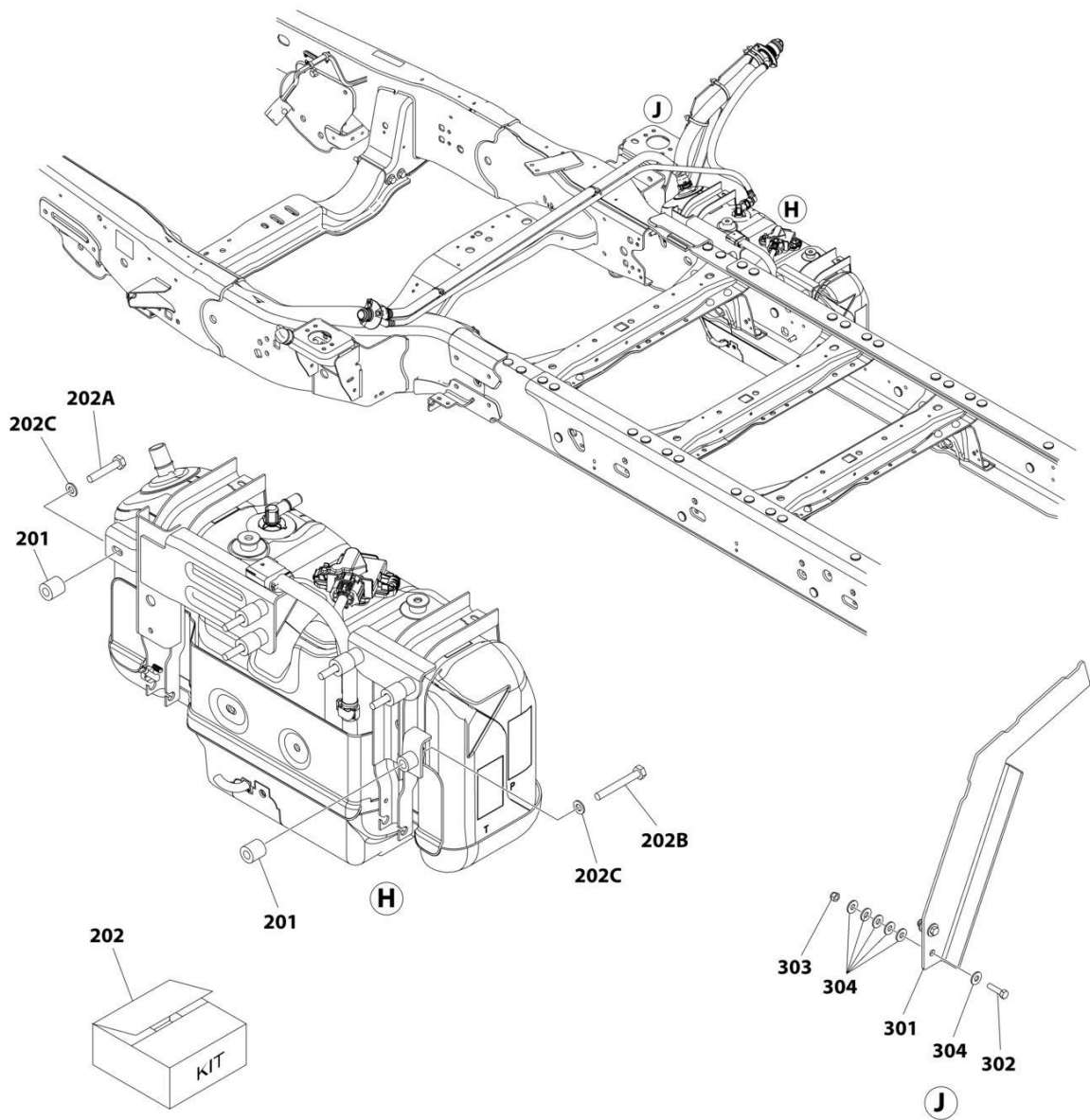
SECTION 1 - SUBFRAME

FIGURE 1-5. CHASSIS MOUNTING KIT - FORD DIESEL 2017+ WITH 60IN CA



SECTION 1 - SUBFRAME

FIGURE 1-6. CHASSIS MOUNTING KIT - FORD DIESEL 2017+ WITH 60IN CA



ART_1001297534_2OF2

SECTION 1 - SUBFRAME

FIGURE 1-6. CHASSIS MOUNTING KIT - FORD DIESEL 2017+ WITH 60IN CA

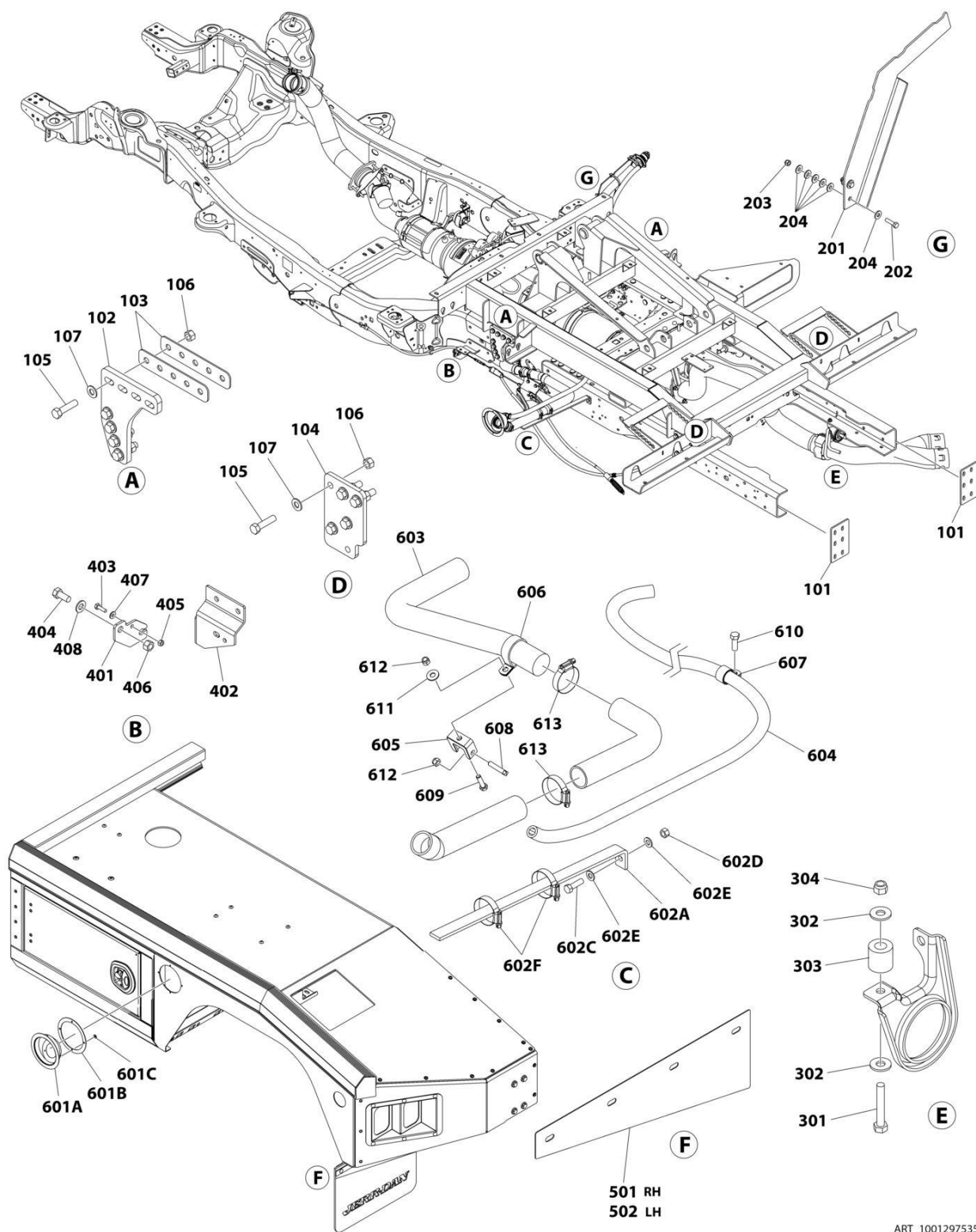
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297534	Ref	CHASSIS MOUNTING KIT - FORD DIESEL 2017+ WITH 60IN CA	A
1	1001297465	Ref	Subframe Installation (Not Shown) (See Items 101-110 for Breakdown)	
2	1001220832	Ref	Rework DEF Tank Installation (Not Shown) (See Items 201-202 for Breakdown)	
3	1001220909	Ref	Tank Filler Installation (Not Shown) (See Items 301-305 for Breakdown)	
4	1001221001	Ref	Exhaust Rework Installation (Not Shown) (See Items 401-404 for Breakdown)	
5	1001221345	Ref	Brake Cable Installation (Not Shown) (See Items 501-508 for Breakdown)	
6	1001221651	Ref	Anti-Sail Brackets Installation (Not Shown) (See Items 601-602 for Breakdown)	
7	1001224068	Ref	Fuel Filler Installation (Not Shown) (See Items 701-714 for Breakdown)	B
	1001297465	Ref	SUBFRAME INSTALLATION	
101	1001296069	2	Plate	
102	1001220073	1	Plate, Saddle	
103	1001220074	1	Plate, Saddle	
104	1001282025	1	Plate, Saddle (LH)	
105	1001282026	1	Plate, Saddle (RH)	
106	4811001194	4	Plate	
107	4706006442	2	Plate, Rear Saddle	
108	0681816	26	Bolt 1/2 x 2	
109	3271805	26	Nut 1/2	
110	4711800	26	Washer 1/2	A
	1001220832	Ref	REWORK DEF TANK INSTALLATION	
201	1001220833	6	Shim	
202	1001221065	1	Tank Hardware Kit	
202A	0701019	1	Bolt M10 x 55	
202B	0701024	5	Bolt M10 x 80	
202C	4812000	6	Washer M10	B
	1001220909	Ref	TANK FILLER INSTALLATION	
301	1001221232	1	Bracket	
302	0641510	2	Bolt 5/16 x 1-1/4	
303	7660152601	2	Nut 5/16	
304	4751500	12	Washer 5/16	
305	5526000553	4	Tie-Strap (Not Shown)	C
	1001221001	Ref	EXHAUST REWORK INSTALLATION	
401	0641516	1	Bolt 5/16 x 2	
402	4751500	2	Washer 5/16	
403	1001220833	1	Shim	
404	7660152601	1	Nut 5/16	
	1001221345	Ref	BRAKE CABLE INSTALLTION	A
501	1001221075	1	Plate	
502	1001221138	1	Bracket	
503	0641407	1	Bolt 1/4 x 7/8	
504	0641809	1	Bolt 1/2 x 1-1/8	
505	3311401	1	Nut 1/4	
506	3311801	1	Nut 1/2	
507	4711400	1	Washer 1/4	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
508	4711800	1	Washer 1/2	A
	1001221651	Ref	ANTI-SAIL BRACKETS INSTALLATION	
601	1001221652	1	Bracket, Anti-Sail RH	
602	1001221653	1	Bracket, Anti-Sail LH	B
	1001224068	Ref	FUEL FILLER INSTALLATION	
701	2178000062	1	Bracket Installation (Not Shown)	
701A	7449000019	1	Flange	
701B	7796000100	1	Gasket	
701C	7950100151	4	Washer 3/16	
702	2570000171	1	Fuel Filler Support (Not Shown)	
702A	4533000415	1	Gas Filler Bracket	
702B	5526000553	8	Tie-Strap (Not Shown)	
702C	7115161050	1	Bolt 3/8 x 1-1/4	
702D	7660162601	1	Nut 3/8	
702E	7950160141	2	Washer 3/8	
702F	7274000005	2	Clamp	
703	7570000037	1	Hose	
704	7570000017	1	Hose	
705	7274000076	1	Clamp	
706	7274000071	1	Clamp	
707	7274000105	1	Clamp	
708	7785152420	1	Screw 5/16 x 1-1/2	
709	7115151050	1	Bolt 5/16 x 1-1/4	
710	3941506	1	Tap Screw	
711	7950150161	1	Washer 5/16	
712	7660152601	2	Nut 5/16	
713	7274000005	2	Clamp	
714	7443000483	1	Fitting (Not Shown)	

SECTION 1 - SUBFRAME

FIGURE 1-7. CHASSIS MOUNTING KIT - FORD DIESEL 2017+ WITH 84IN CA



ART 1001297535

SECTION 1 - SUBFRAME

FIGURE 1-7. CHASSIS MOUNTING KIT - FORD DIESEL 2017+ WITH 84IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001297535	Ref	CHASSIS MOUNTING KIT - FORD DIESEL 2017+ WITH 84IN CA	A
	1001297526	Ref	Subframe Installation (Not Shown) (See Items 101-107 for Breakdown)	
	1001220909	Ref	Tank Filler Installation (Not Shown) (See Items 201-205 for Breakdown)	
	1001221001	Ref	Exhaust Rework Installation (Not Shown) (See Items 301-304 for Breakdown)	
	1001221348	Ref	Brake Cable Installation (Not Shown) (See Items 401-409 for Breakdown)	
	1001221651	Ref	Anti-Sail Brackets Installation (Not Shown) (See Items 501-502 for Breakdown)	
6	1001224068	Ref	Fuel Filler Installation (Not Shown) (See Items 601-614 for Breakdown)	B
	1001297526	Ref	SUBFRAME INSTALLATION	
	1001296069	2	Plate	
	1001220078	2	Plate, Saddle	
	4811001194	4	Plate	
	4706006442	2	Plate, Rear Saddle	
	0681816	26	Bolt 1/2 x 2	
	3271805	26	Nut 1/2	
	4711800	26	Washer 1/2	
	1001220909	Ref	TANK FILLER INSTALLATION	
	1001221232	1	Bracket	
201	0641510	2	Bolt 5/16 x 1-1/4	B
	7660152601	2	Nut 5/16	
	4751500	12	Washer 5/16	
	5526000553	4	Tie-Strap (Not Shown)	
	1001221001	Ref	EXHAUST REWORK INSTALLATION	
301	0641516	1	Bolt 5/16 x 2	C
	4751500	2	Washer 5/16	
	1001220833	1	Shim	
	7660152601	1	Nut 1/3	
401	1001221348	Ref	BRAKE CABLE INSTALLATION	A
	1001221075	1	Plate	
	1001221138	1	Bracket	
	0641407	1	Bolt 1/4 x 7/8	
	0641809	1	Bolt 1/2 x 1-1/8	
	3311401	1	Nut 1/4	
	3311801	1	Nut 1/2	
	4711400	1	Washer 1/4	
	4711800	1	Washer 1/2	
	5526000553	1	Tie-Strap (Not Shown)	
	1001221651	Ref	ANTI-SAIL BRACKETS INSTALLATION	
	1001221652	1	Bracket, Anti-Sail RH	
	1001221653	1	Bracket, Anti-Sail LH	
601	1001224068	Ref	FUEL FILLER INSTALLATION	B
	2178000062	1	Bracket Installation (Not Shown)	
	7449000019	1	Flange	
	7796000100	1	Gasket	
	7950100151	4	Washer 3/16	
	2570000171	1	Fuel Filler Support (Not Shown)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
602A	4533000415	1	Gas Filler Bracket	
602B	5526000553	8	Tie-Strap (Not Shown)	
602C	7115161050	1	Bolt 3/8 x 1-1/4	
602D	7660162601	1	Nut 3/8	
602E	7950160141	2	Washer 3/8	
602F	7274000005	2	Clamp	
603	7570000037	1	Hose	
604	7570000017	1	Hose	
605	7274000076	1	Clamp	
606	7274000071	1	Clamp	
607	7274000105	1	Clamp	
608	7785152420	1	Screw 5/16 x 1-1/2	
609	7115151050	1	Bolt 5/16 x 1-1/4	
610	3941506	1	Tap Screw	
611	7950150161	1	Washer 5/16	
612	7660152601	2	Nut 5/16	
613	7274000005	2	Clamp	
614	7443000483	1	Fitting (Not Shown)	

SECTION 1 - SUBFRAME

FIGURE 1-8. CHASSIS MOUNTING KIT - FORD GAS 2017+ WITH 60IN CA



SECTION 1 - SUBFRAME

FIGURE 1-8. CHASSIS MOUNTING KIT - FORD GAS 2017+ WITH 60IN CA

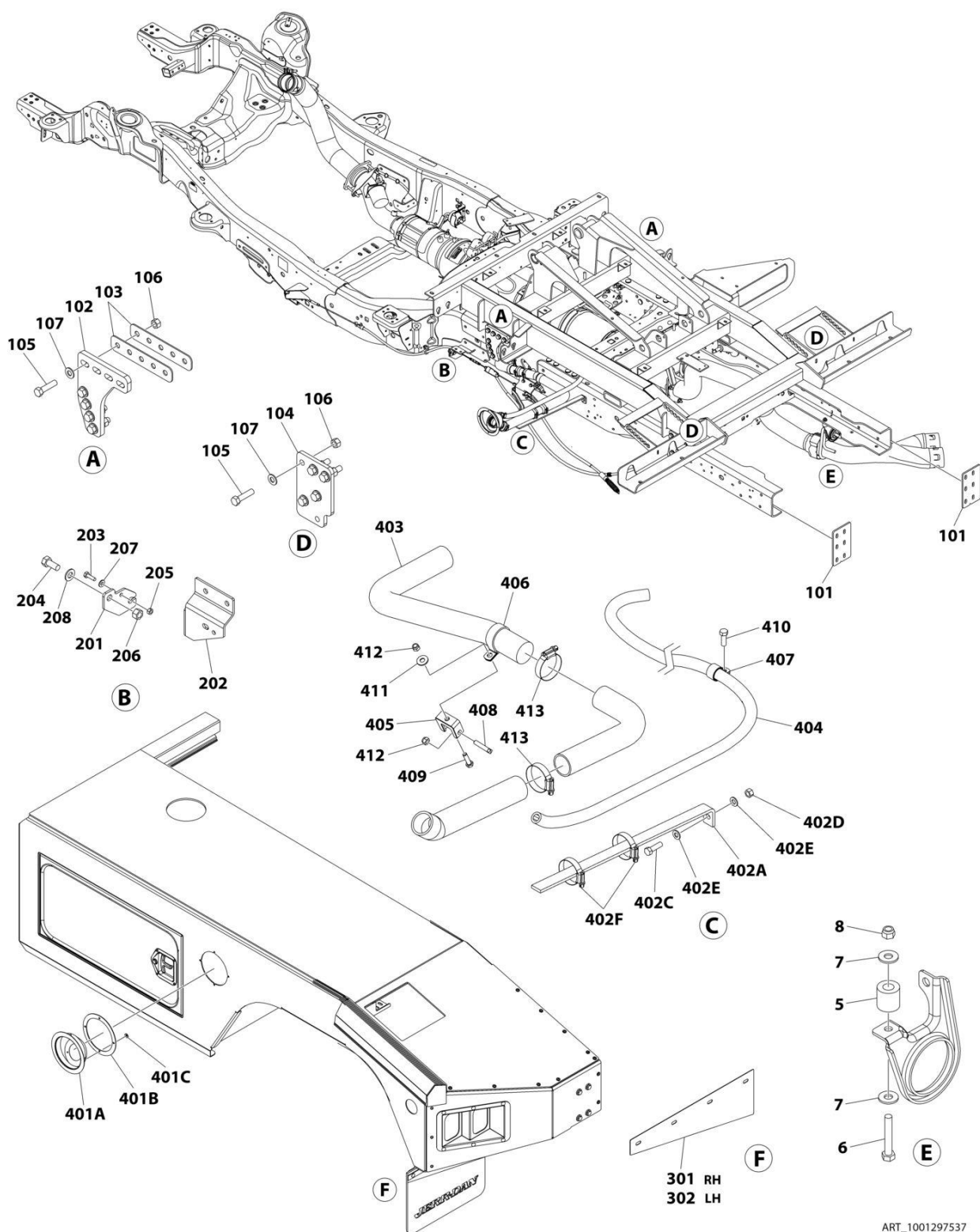
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001297536	Ref	CHASSIS MOUNTING KIT - FORD GAS 2017+ WITH 60IN CA	A
	1001297465	Ref	Subframe Installation (Not Shown) (See Items 101-110 for Breakdown)	
2	1001221345	Ref	Brake Cable Installation (Not Shown) (See Items 201-208 for Breakdown)	
3	1001221651	Ref	Anti-Sail Brackets Installation (Not Shown) (See Items 301-302 for Breakdown)	
4	1001224068	Ref	Fuel Filler Installation (Not Shown) (See Items 401-414 for Breakdown)	
5	1001220833	1	Shim	
6	0641516	1	Bolt 5/16 x 2	
7	4751500	2	Washer 5/16	
8	7660152601	1	Nut 5/16	B
	1001297465	Ref	SUBFRAME INSTALLATION	
101	1001296069	2	Plate	
102	1001220073	1	Plate	
103	1001220074	1	Plate	
104	1001282025	1	Plate, Spacer (LH)	
105	1001282026	1	Plate, Spacer (RH)	
106	4811001194	4	Plate	
107	4706006442	2	Plate	
108	0681816	26	Bolt 1/2 x 2	
109	3271805	26	Nut 1/2	A
110	4711800	26	Washer 1/2	
	1001221345	Ref	BRAKE CABLE INSTALLTION	
201	1001221075	1	Plate	
202	1001221138	1	Bracket	
203	0641407	1	Bolt 1/4 x 7/8	
204	0641809	1	Bolt 1/2 x 1-1/8	
205	3311401	1	Nut 1/4	
206	3311801	1	Nut 1/2	
207	4711400	1	Washer 1/4	
208	4711800	1	Washer 1/2	A
	1001221651	Ref	ANTI-SAIL BRACKETS INSTALLATION	
301	1001221652	1	Bracket, RH	
302	1001221653	1	Bracket, LH	B
	1001224068	Ref	FUEL FILLER INSTALLATION	
401	2178000062	1	Bracket Installation (Not Shown)	
401A	7449000019	1	Flange	
401B	7796000100	1	Gasket	
401C	7950100151	4	Washer 3/16	
402	2570000171	1	Fuel Filler Support (Not Shown)	
402A	4533000415	1	Gas Filler Bracket	
402B	5526000553	8	Tie-Strap (Not Shown)	
402C	7115161050	1	Bolt 3/8 x 1-1/4	
402D	7660162601	1	Nut 3/8	
402E	7950160141	2	Washer 3/8	
402F	7274000005	2	Clamp	
403	7570000037	1	Hose	
404	7570000017	1	Hose	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
405	7274000076	1	Clamp	
406	7274000071	1	Clamp	
407	7274000105	1	Clamp	
408	7785152420	1	Screw 5/16 x 1-1/2	
409	7115151050	1	Bolt 5/16 x 1-1/4	
410	3941506	1	Tap Screw	
411	7950150161	1	Washer 5/16	
412	7660152601	2	Nut 5/16	
413	7274000005	2	Clamp	
414	7443000483	1	Fitting (Not Shown)	

SECTION 1 - SUBFRAME

FIGURE 1-9. CHASSIS MOUNTING KIT - FORD GAS 2017+ WITH 84IN CA



SECTION 1 - SUBFRAME

FIGURE 1-9. CHASSIS MOUNTING KIT - FORD GAS 2017+ WITH 84IN CA

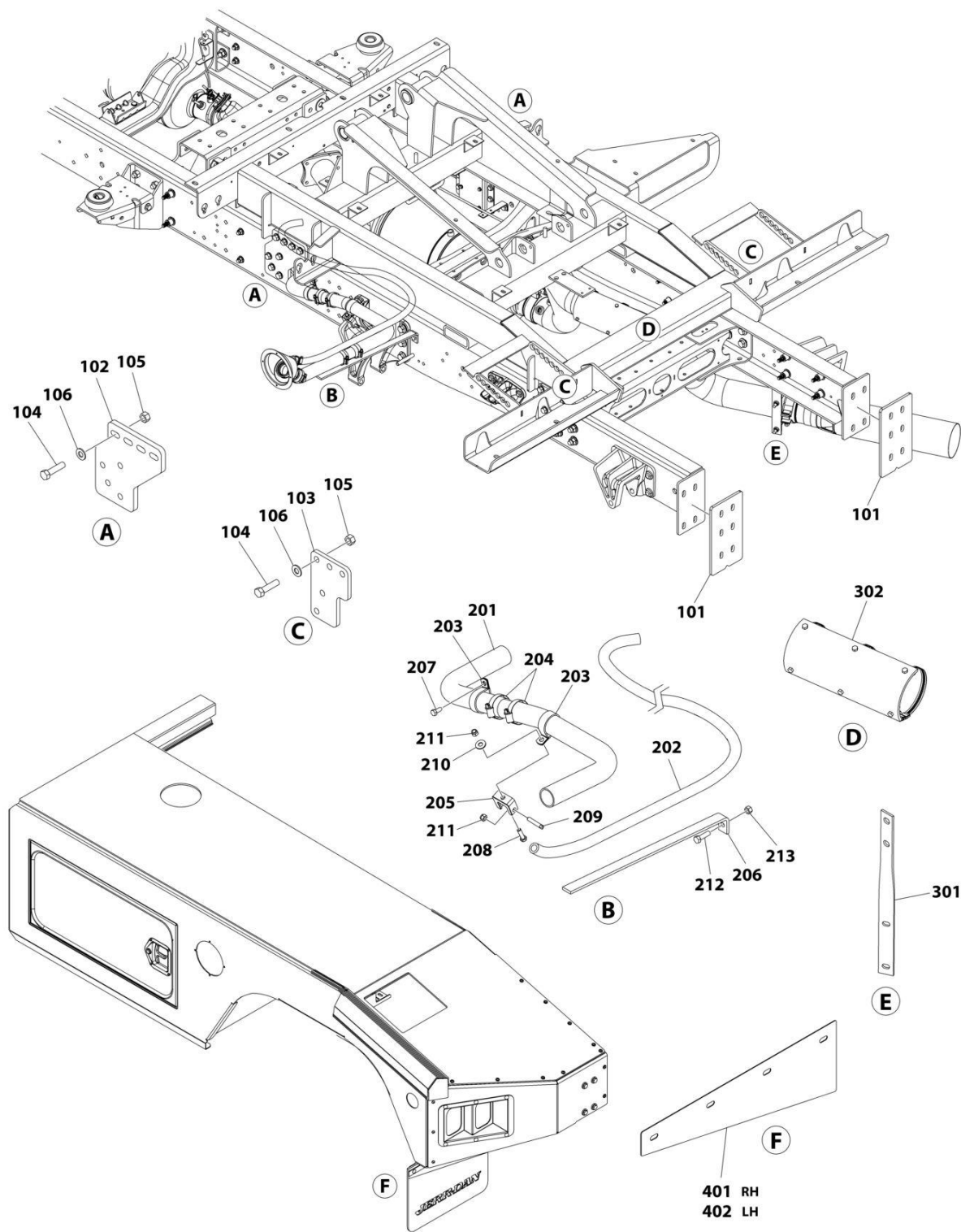
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001297537	Ref	CHASSIS MOUNTING KIT - FORD GAS 2017+ WITH 84IN CA	A
	1001297526	Ref	Subframe Installation (Not Shown) (See Items 101-107 for Breakdown)	
2	1001221348	Ref	Brake Cable Installation (Not Shown) (See Items 201-209 for Breakdown)	
3	1001221651	Ref	Anti-Sail Brackets Installation (Not Shown) (See Items 301-302 for Breakdown)	
4	1001224068	Ref	Fuel Filler Installation (Not Shown) (See Items 401-414 for Breakdown)	
5	1001220833	1	Shim	
6	0641516	1	Bolt 5/16 x 2	
7	4751500	2	Washer 5/16	
8	7660152601	1	Nut 5/16	B
	1001297526	Ref	SUBFRAME INSTALLATION	
101	1001296069	2	Plate	
102	1001220078	2	Plate, Saddle	
103	4811001194	4	Plate	
104	4706006442	2	Plate, Rear Saddle	
105	0681816	26	Bolt 1/2 x 2	
106	3271805	26	Nut 1/2	
107	4711800	26	Washer 1/2	A
	1001221348	Ref	BRAKE CABLE INSTALLATION	
201	1001221075	1	Plate	
202	1001221138	1	Bracket	
203	0641407	1	Bolt 1/4 x 7/8	
204	0641809	1	Bolt 1/2 x 1-1/8	
205	3311401	1	Nut 1/4	
206	3311801	1	Nut 1/2	
207	4711400	1	Washer 1/4	A
208	4711800	1	Washer 1/2	
209	5526000553	1	Tie-Strap (Not Shown)	
	1001221651	Ref	ANTI-SAIL BRACKETS INSTALLATION	
301	1001221652	1	Bracket, RH	
302	1001221653	1	Bracket, LH	
	1001224068	Ref	FUEL FILLER INSTALLATION	B
401	2178000062	1	Bracket Installation (Not Shown)	
401A	7449000019	1	Flange	
401B	7796000100	1	Gasket	
401C	7950100151	4	Washer 3/16	
402	2570000171	1	Fuel Filler Support (Not Shown)	
402A	4533000415	1	Gas Filler Bracket	
402B	5526000553	8	Tie-Strap (Not Shown)	
402C	7115161050	1	Bolt 3/8 x 1-1/4	
402D	7660162601	1	Nut 3/8	
402E	7950160141	2	Washer 3/8	
402F	7274000005	2	Clamp	
403	7570000037	1	Hose	
404	7570000017	1	Hose	
405	7274000076	1	Clamp	
406	7274000071	1	Clamp	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
407	7274000105	1	Clamp	
408	7785152420	1	Screw 5/16 x 1-1/2	
409	7115151050	1	Bolt 5/16 x 1-1/4	
410	3941506	1	Tap Screw	
411	7950150161	1	Washer 5/16	
412	7660152601	2	Nut 5/16	
413	7274000005	2	Clamp	
414	7443000483	1	Fitting	

SECTION 1 - SUBFRAME

FIGURE 1-10. CHASSIS MOUNTING KIT - CV515 2019+ WITH 141IN WB



ART_1001297540

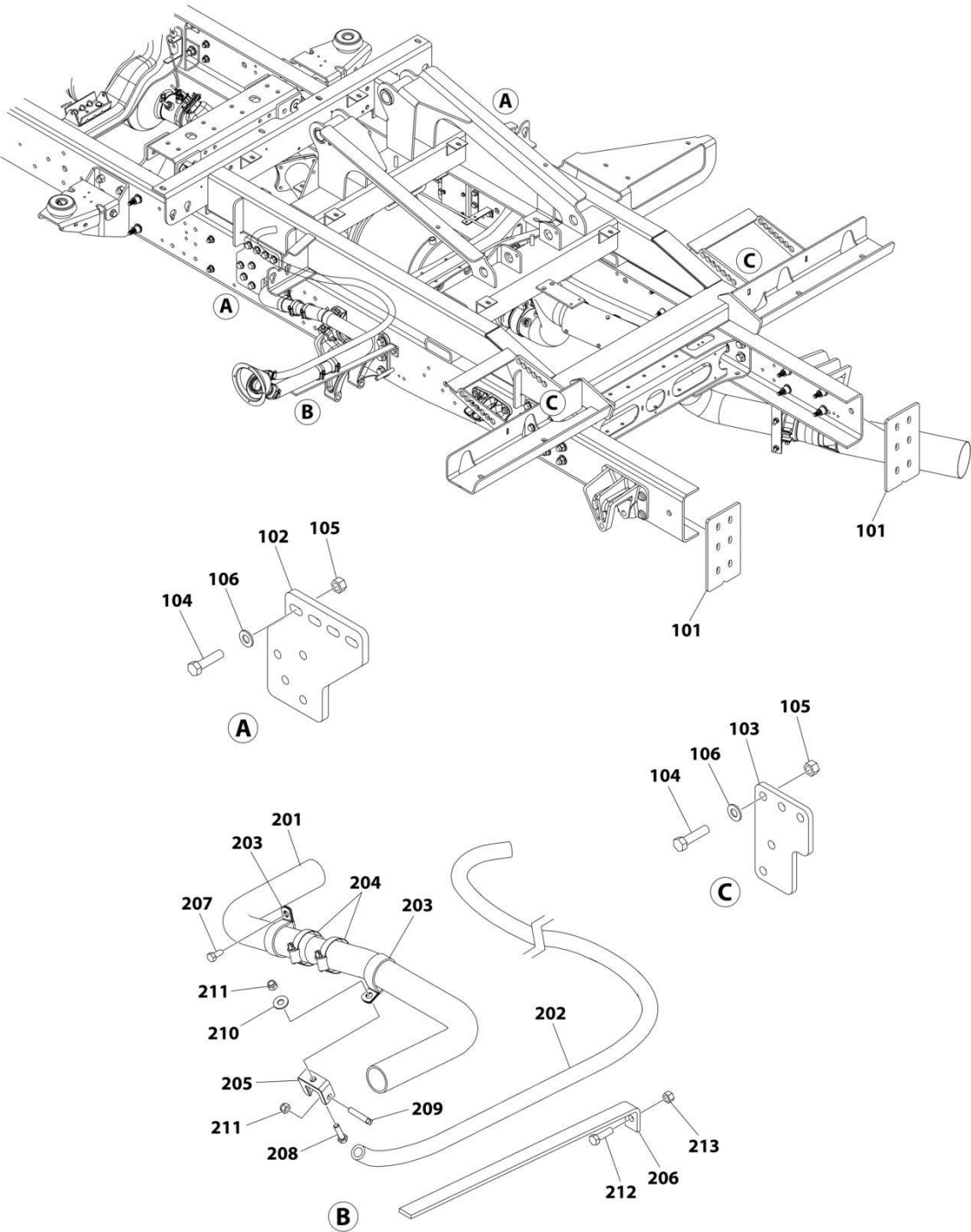
SECTION 1 - SUBFRAME

FIGURE 1-10. CHASSIS MOUNTING KIT - CV515 2019+ WITH 141IN WB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001297540	Ref	CHASSIS MOUNTING KIT - CV515 2019+ WITH 141IN WB	A
	1001297529	Ref	Subframe Installation (Not Shown) (See Items 101-106 for Breakdown)	
2	1001256226	Ref	Fuel Filler Installation (Not Shown) (See Items 201-214 for Breakdown)	
3	1001255482	1	Kit, Electrical Connection (Not Shown)	
4	1001255854	Ref	Exhaust Modification Installation (Not Shown) (See Items 301-302 for Breakdown)	B
5	1001221651	Ref	Anti-Sail Brackets Installation (Not Shown) (See Items 401-402 for Breakdown)	
	1001297529	Ref	SUBFRAME INSTALLATION	
101	1001296069	2	Plate	
102	1001255943	2	Plate	
103	1001255944	2	Plate	
104	0681816	26	Bolt 1/2 x 2	
105	3271805	26	Nut 1/2	
106	4711800	26	Washer 1/2	
	1001256226	Ref	FUEL FILLER INSTALLATION	
201	7570000037	1	Hose	A
202	1001256269	1	Hose	
203	7274000042	2	Clamp	
204	7274000005	2	Clamp	
205	7274000076	1	Clamp	
206	4533000415	1	Bracket	
207	3941506	1	Tap-Screw	
208	7115151050	1	Bolt 5/16 x 1-1/4	
209	7785152420	1	Screw 5/16 x 1-1/2	
210	7950150161	1	Washer 5/16	
211	7660152601	2	Nut 5/16	
212	0641610	1	Bolt 3/8 x 1-1/4	
213	3271605	1	Nut 3/8	
214	7894000004	6	Tie-Strap (Not Shown)	
	1001255854	Ref	EXHAUST INSTALLATION	A
301	1001255844	1	Bracket	
302	1001256168	1	Exhaust Shield	A
	1001221651	Ref	ANTI-SAIL BRACKETS INSTALLATION	
401	1001221652	1	Bracket, RH	
402	1001221653	1	Bracket, LH	

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FIGURE 1-11. CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN WB



ART_1001297541

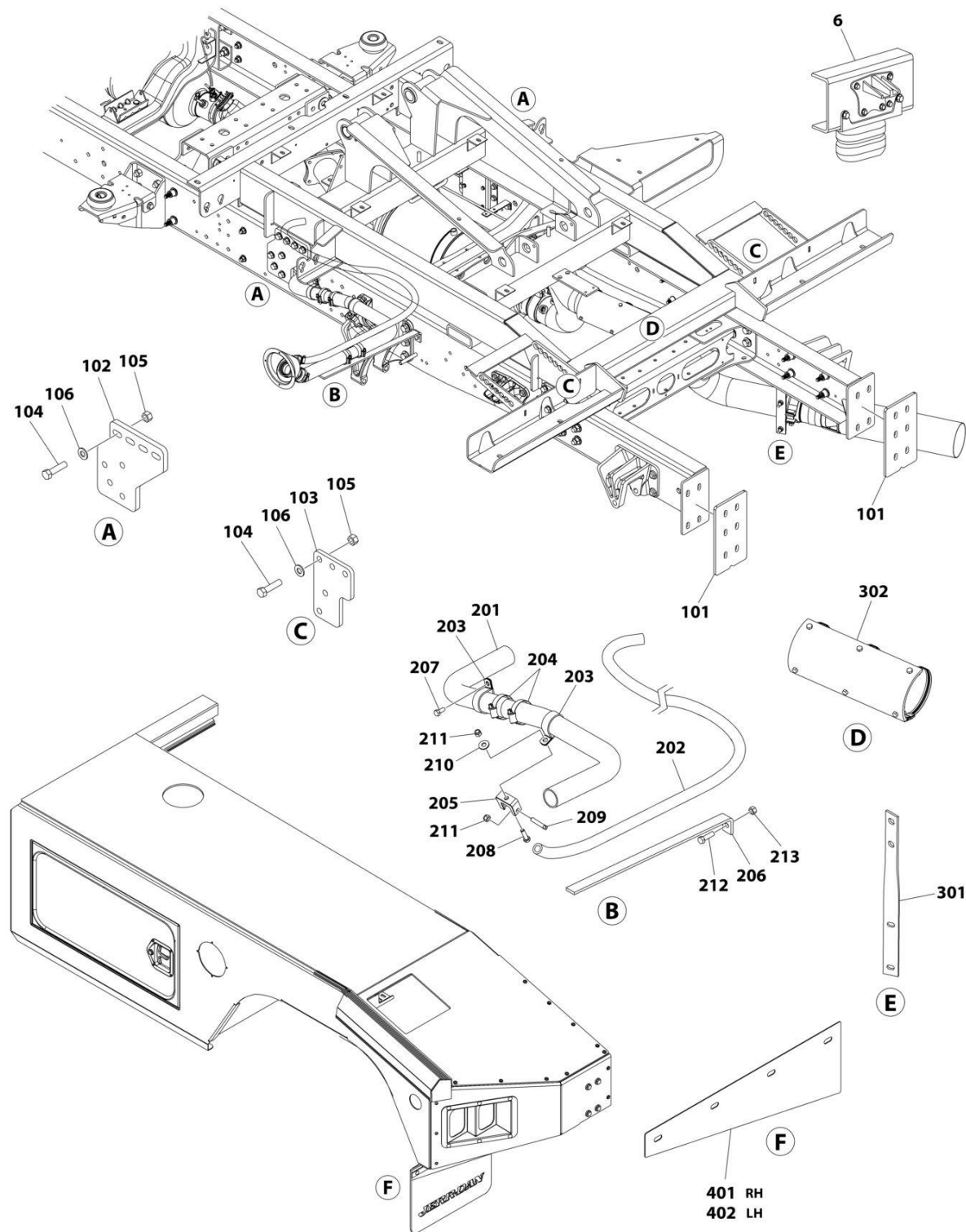
SECTION 1 - SUBFRAME

FIGURE 1-11. CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN WB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001297541	Ref	CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN WB	A
	1001297529	Ref	Subframe Installation (Not Shown) (See Items 101-106 for Breakdown)	
2	1001256226	Ref	Fuel Filler Installation (Not Shown) (See Items 201-214 for Breakdown)	B
3	1001255482	1	Kit, Electrical Connection (Not Shown)	
	1001297529	Ref	SUBFRAME INSTALLATION	
101	1001296069	2	Plate	
102	1001255943	2	Plate	
103	1001255944	2	Plate	
104	0681816	26	Bolt 1/2 x 2	
105	3271805	26	Nut 1/2	
106	4711800	26	Washer 1/2	
	1001256226	Ref	FUEL FILLER INSTALLATION	
201	7570000037	1	Hose	A
202	1001256269	1	Hose	
203	7274000042	2	Clamp	
204	7274000005	2	Clamp	
205	7274000076	1	Clamp	
206	4533000415	1	Bracket	
207	3941506	1	Tap-Screw	
208	7115151050	1	Bolt 5/16 x 1-1/4	
209	7785152420	1	Screw 5/16 x 1-1/2	
210	7950150161	1	Washer 5/16	
211	7660152601	2	Nut 5/16	
212	0641610	1	Bolt 3/8 x 1-1/4	
213	3271605	1	Nut 3/8	
214	7894000004	6	Tie-Strap (Not Shown)	

SECTION 1 - SUBFRAME

FIGURE 1-12. CHASSIS MOUNTING KIT - CV515 2019+ WITH 141IN WB WITH TIMBRENS



ART_1001297542

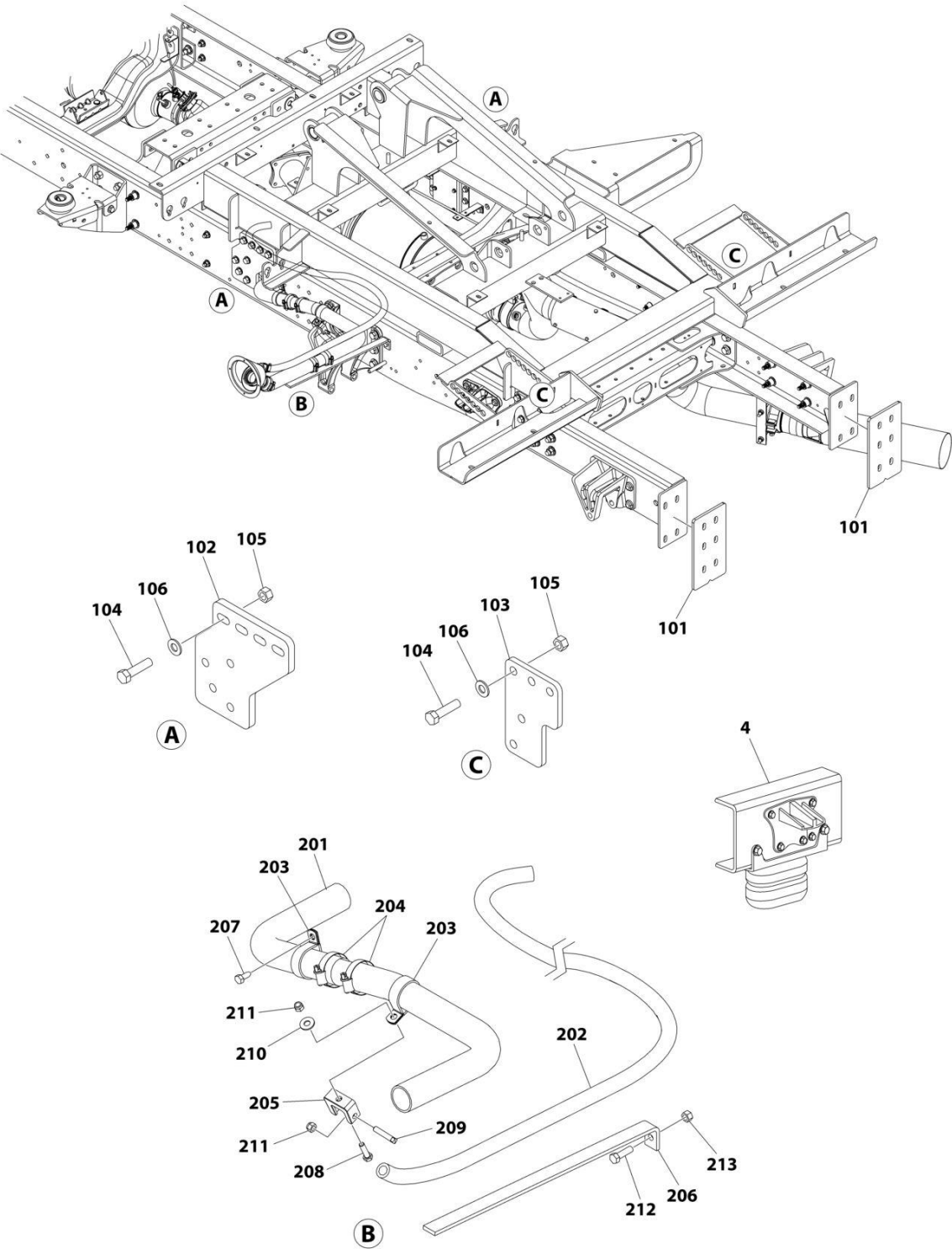
SECTION 1 - SUBFRAME

FIGURE 1-12. CHASSIS MOUNTING KIT - CV515 2019+ WITH 141IN WB WITH TIMBRENS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297542	Ref	CHASSIS MOUNTING KIT - CV515 2019+ WITH 141IN WB WITH TIMBRENS	A
1	1001297529	Ref	Subframe Installation (Not Shown) (See Items 101-106 for Breakdown)	
2	1001256226	Ref	Fuel Filler Installation (Not Shown) (See Items 201-214 for Breakdown)	
3	1001255482	1	Kit, Electrical Connection (Not Shown)	
4	1001255854	Ref	Exhaust Modification Installation (Not Shown) (See Items 301-302 for Breakdown)	
5	1001221651	Ref	Anti-Sail Brackets Installation (Not Shown) (See Items 401-402 for Breakdown)	
6	1001256789	1	Rear Suspension	
	1001297529	Ref	SUBFRAME INSTALLATION	B
101	1001296069	2	Plate	
102	1001255943	2	Plate	
103	1001255944	2	Plate	
104	0681816	26	Bolt 1/2 x 2	
105	3271805	26	Nut 1/2	
106	4711800	26	Washer 1/2	
	1001256226	Ref	FUEL FILLER INSTALLATION	A
201	7570000037	1	Hose	
202	1001256269	1	Hose	
203	7274000042	2	Clamp	
204	7274000005	2	Clamp	
205	7274000076	1	Clamp	
206	4533000415	1	Bracket	
207	3941506	1	Tap-Screw	
208	7115151050	1	Bolt 5/16 x 1-1/4	
209	7785152420	1	Screw 5/16 x 1-1/2	
210	7950150161	1	Washer 5/16	
211	7660152601	2	Nut 5/16	
212	0641610	1	Bolt 3/8 x 1-1/4	
213	3271605	1	Nut 3/8	
214	7894000004	6	Tie-Strap (Not Shown)	
	1001255854	Ref	EXHAUST INSTALLATION	A
301	1001255844	1	Bracket	
302	1001256168	1	Exhaust Shield	
	1001221651	Ref	ANTI-SAIL BRACKETS INSTALLATION	A
401	1001221652	1	Bracket, RH	
402	1001221653	1	Bracket, LH	

SECTION 1 - SUBFRAME

FIGURE 1-13. CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN WB WITH TIMBRENS



ART_1001297543

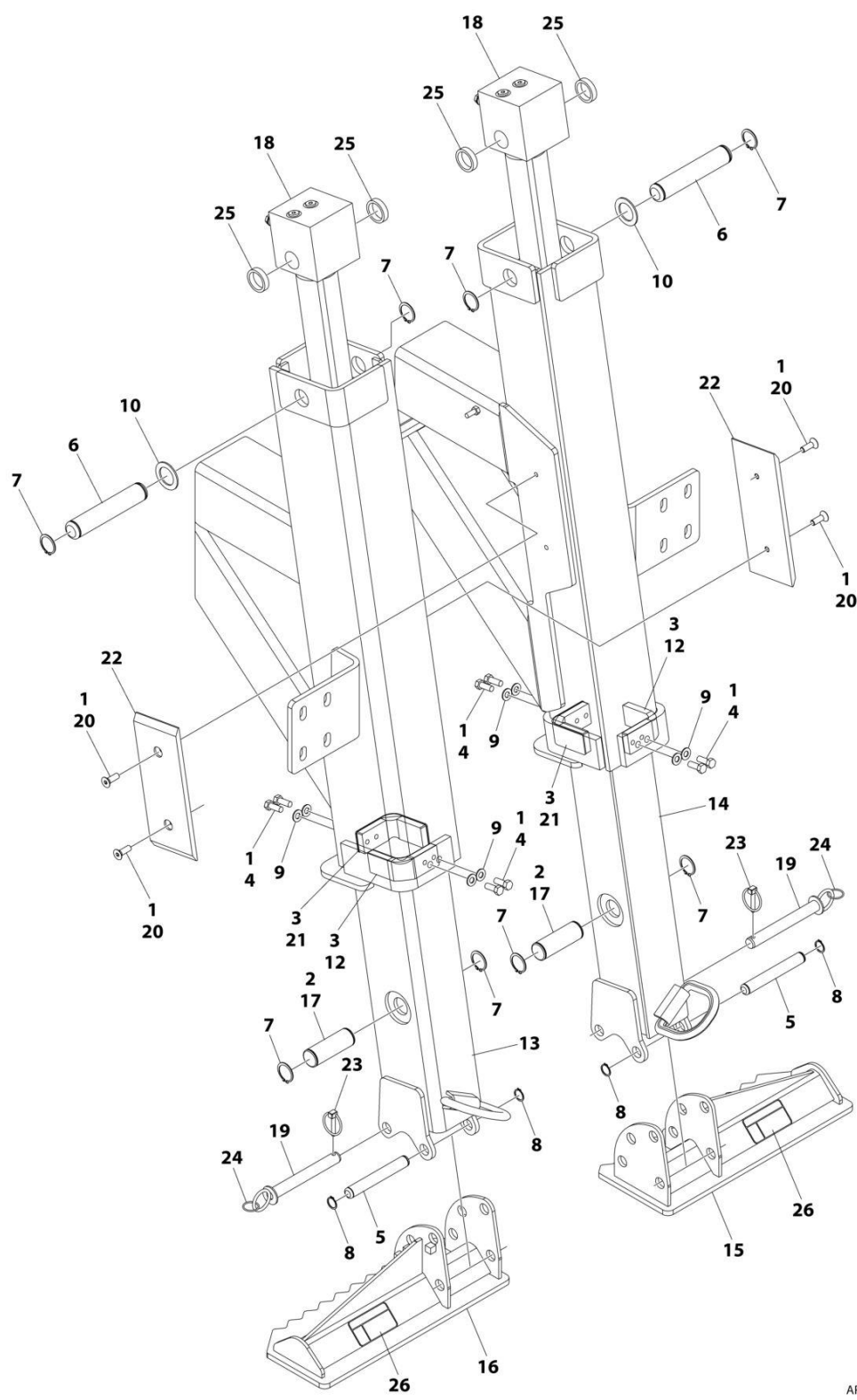
SECTION 1 - SUBFRAME

FIGURE 1-13. CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN WB WITH TIMBRENS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297543	Ref	CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN WB WITH TIMBRENS	A
1	1001297529	Ref	Subframe Installation (Not Shown) (See Items 101-106 for Breakdown)	
2	1001256226	Ref	Fuel Filler Installation (Not Shown) (See Items 201-214 for Breakdown)	
3	1001255482	1	Kit, Electrical Connection (Not Shown)	
4	1001256789	1	Rear Suspension Installation	
	1001297529	Ref	SUBFRAME INSTALLATION	B
101	1001296069	2	Plate	
102	1001255943	2	Plate	
103	1001255944	2	Plate	
104	0681816	26	Bolt 1/2 x 2	
105	3271805	26	Nut 1/2	
106	4711800	26	Washer 1/2	
	1001256226	Ref	FUEL FILLER INSTALLATION	A
201	7570000037	1	Hose	
202	1001256269	1	Hose	
203	7274000042	2	Clamp	
204	7274000005	2	Clamp	
205	7274000076	1	Clamp	
206	4533000415	1	Bracket	
207	3941506	1	Tap-Screw	
208	7115151050	1	Bolt 5/16 x 1-1/4	
209	7785152420	1	Screw 5/16 x 1-1/2	
210	7950150161	1	Washer 5/16	
211	7660152601	2	Nut 5/16	
212	0641610	1	Bolt 3/8 x 1-1/4	
213	3271605	1	Nut 3/8	
214	7894000004	6	Tie-Strap (Not Shown)	

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FIGURE 1-14. REAR HYDRAULIC SPADES INSTALLATION



ART_1001290895

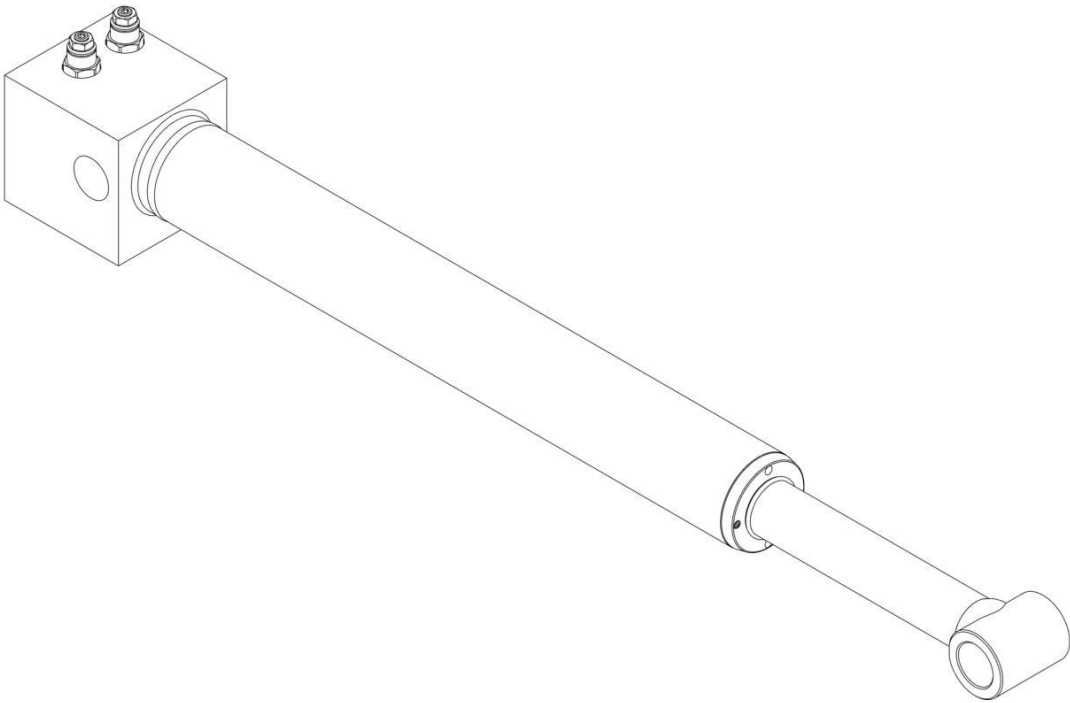
SECTION 1 - SUBFRAME

FIGURE 1-14. REAR HYDRAULIC SPADES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290895	Ref	REAR HYDRAULIC SPADES INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	3020039	AR	Lubricant	
3	1001116761	AR	Lubricant	
4	0681608	8	Bolt 3/8 x 1 Grade 8	
5	3423161	2	Pin	
6	3423186	2	Pin	
7	3760133	8	Ring, Retaining	
8	3760351	4	Ring, Retaining	
9	4711600	8	Washer 3/8	
10	4740438	2	Washer	
12	1001289324	4	Pad, Wear	
13	1001289359	1	Stabilizer, Spade Leg LH	
14	1001289360	1	Stabilizer, Spade Leg RH	
15	1001289365	1	Stabilizer, Spade Foot RH	
16	1001289366	1	Stabilizer, Spade Foot LH	
17	1001289373	2	Pin	
18	1001289605	2	Cylinder Assembly - Spade Stabilizer (See Separate Breakdown in this Section)	
19	3691000195	2	Pin	
20	7118161026	4	Capscrew 3/8 x 1-1/4	
21	1001289968	2	Shim	
22	4679000154	2	Pad	
23	7691000027	2	Pin	
24	3760170	2	Ring, Split	
25	1001293990	4	Spacer	
26	7330000599	2	Decal - Pinch Point	

SECTION 1 - SUBFRAME

FIGURE 1-15. CYLINDER ASSEMBLY - SPADE STABILIZER



ART_1001289605

SECTION 1 - SUBFRAME

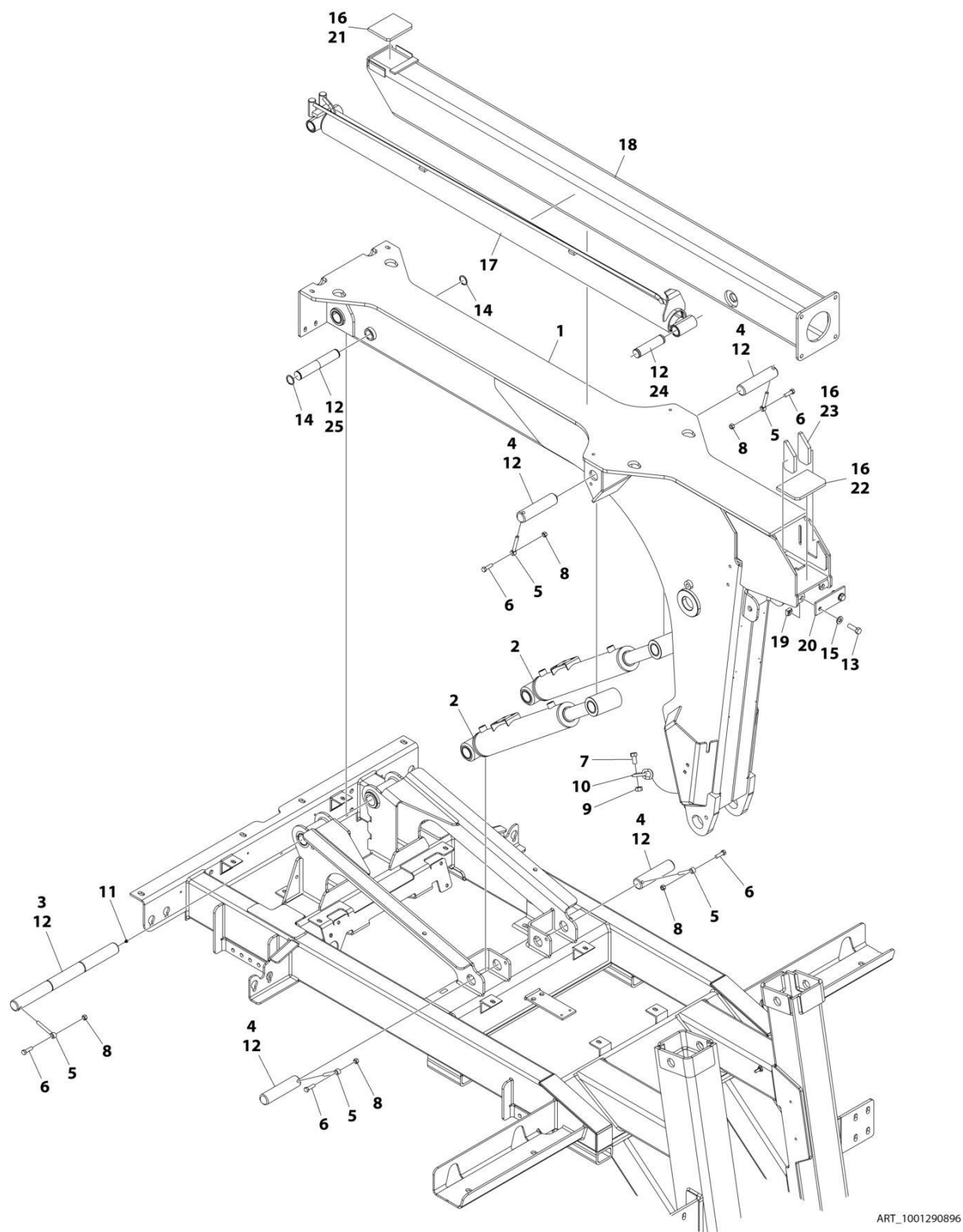
FIGURE 1-15. CYLINDER ASSEMBLY - SPADE STABILIZER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289605	Ref	CYLINDER ASSEMBLY - SPADE STABILIZER	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
	See Note	Ref	Note: No Service Parts Available at Time of Printing	

SECTION 2 - BOOM

SECTION 2 - BOOM

FIGURE 2-1. MAIN BOOM INSTALLATION (WITH FLY BOOM)



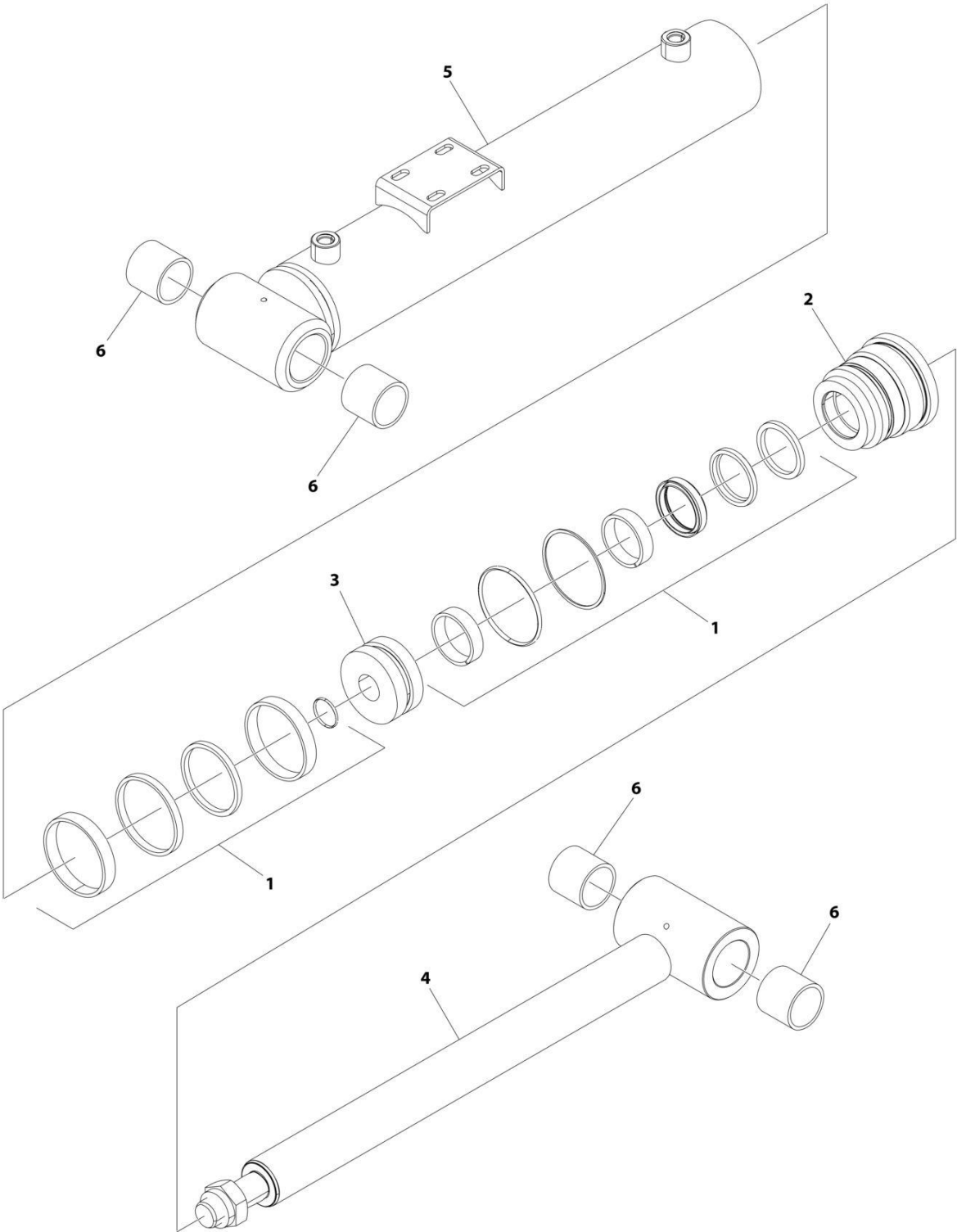
SECTION 2 - BOOM

FIGURE 2-1. MAIN BOOM INSTALLATION (WITH FLY BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290896	Ref	MAIN BOOM INSTALLATION (WITH FLY BOOM)	C
1	1001288944	1	Boom, Knee	
1	0962272	2	Bushing	
2	1001194362	2	Cylinder Assembly - Lift (See Separate Breakdown in this Section)	
3	1001191714	1	Pin	
4	1001191716	4	Pin	
5	3841143	5	Keeper	
6	0681610	5	Bolt 3/8 x 1-1/4 Grade 8	
7	0641808	2	Bolt 1/2 x 1	
8	3300492	5	Nut 3/8	
9	7660182601	2	Nut 1/2	
10	7262000040	2	Chain	
11	1001204776	1	Plug	
12	3020039	AR	Lubricant	
13	0641813	2	Bolt 1/2 x 1-5/8	
14	3760133	2	Ring, Retaining	
15	4711800	2	Washer 1/2	
16	1001152707	1	Lubricant	
17	3320000007	1	Cylinder Assembly - Extend/Retract (See Separate Breakdown in this Section)	
18	3512100005	1	Boom, Fly	
19	1001209867	2	Nut 1/2	
20	1001290474	1	Plate	
21	4679000004	1	Pad	
22	4679000005	1	Pad	
23	4679000238	2	Pad	
24	4691000133	1	Pin	
25	4691000179	1	Pin	

SECTION 2 - BOOM

FIGURE 2-2. CYLINDER ASSEMBLY – LIFT (KNEE BOOM)



ART_1001194362

FIGURE 2-2. CYLINDER ASSEMBLY – LIFT (KNEE BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194362	Ref	CYLINDER ASSEMBLY - LIFT (KNEE BOOM)	B
1	70051621	1	Seal Kit - Cylinder	
2	70051622	1	Head	
3	70051623	1	Piston	
4	70051624	1	Rod	
5	70051625	1	Barrel	
6	0962272	4	Bushing (Barrel & Rod)	

SECTION 2 - BOOM

FIGURE 2-3. CYLINDER ASSEMBLY - EXTEND RETRACT

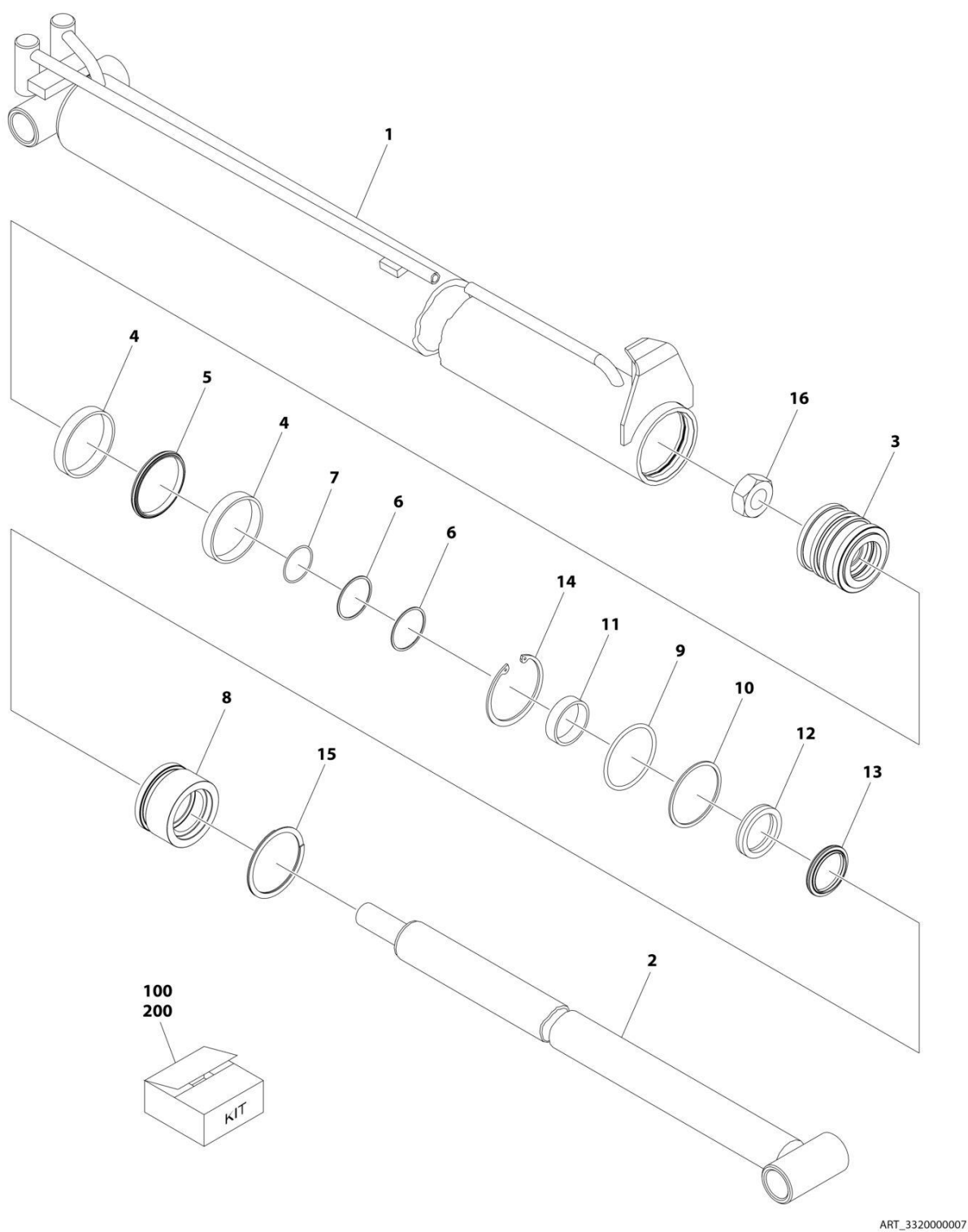
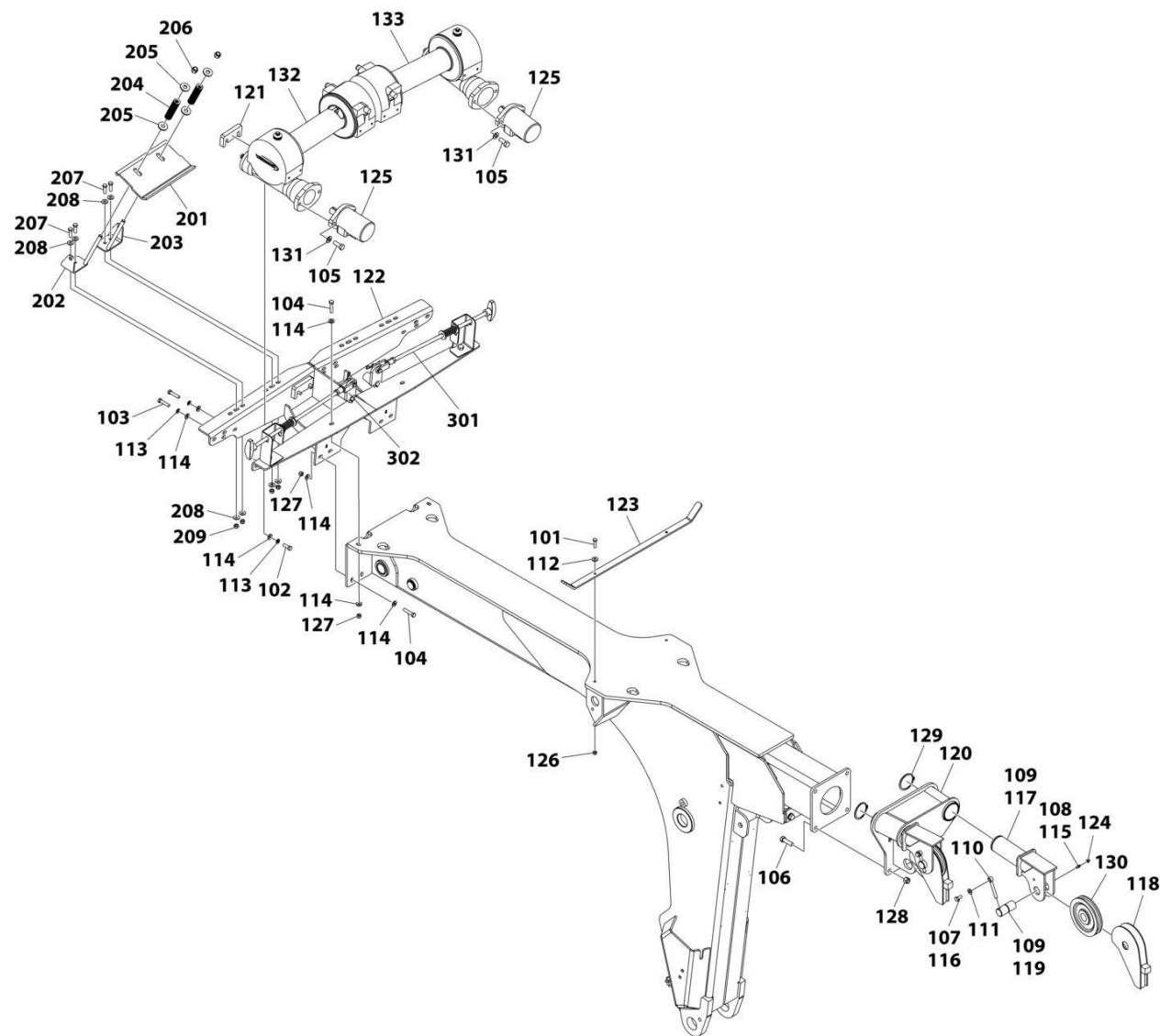


FIGURE 2-3. CYLINDER ASSEMBLY - EXTEND RETRACT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3320000007	Ref	EXTENSION CYLINDER ASSEMBLY	D
1	3071000007	1	Barrel	
2	3763000040	1	Rod	
3	4698000007	1	Piston (Note: Use Item 100)	
4	7754000003	2	Ring, Wear (Note: Use Item 100)	
5	7796000063	1	T-Seal, Piston (Note: Use Item 100)	
6	7755224609	2	Ring, Back-up (Note: Use Item 100)	
7	7755224000	1	O-Ring, Piston (Note: Use Item 100)	
8	4553000008	1	Head (Note: Use Item 200)	
9	7755334000	1	O-Ring (Note: Use Item 200)	
10	7755334609	1	Ring, Back-up (Note: Use Item 200)	
11	7754000004	1	Ring, Wear (Note: Use Item 200)	
12	7796000024	1	Seal, Rod (Note: Use Item 200)	
13	7796000008	1	Seal, Wiper (Note: Use Item 200)	
14	7754000002	1	Retaining Ring	
15	7754000026	1	Retaining Ring	
16	7661000034	1	Nut 1	
100	3698000001	1	Piston Assembly - Kit Box (Include Items 3, 4, 5, 6 & 7)	
200	3553000011	1	Head Assembly - Kit Box (Include Items 8, 9, 10, 11, 12 & 13)	

SECTION 2 - BOOM

FIGURE 2-4. WINCH INSTALLATION - 10 TON DUAL



ART_1001295499

SECTION 2 - BOOM

FIGURE 2-4. WINCH INSTALLATION - 10 TON DUAL

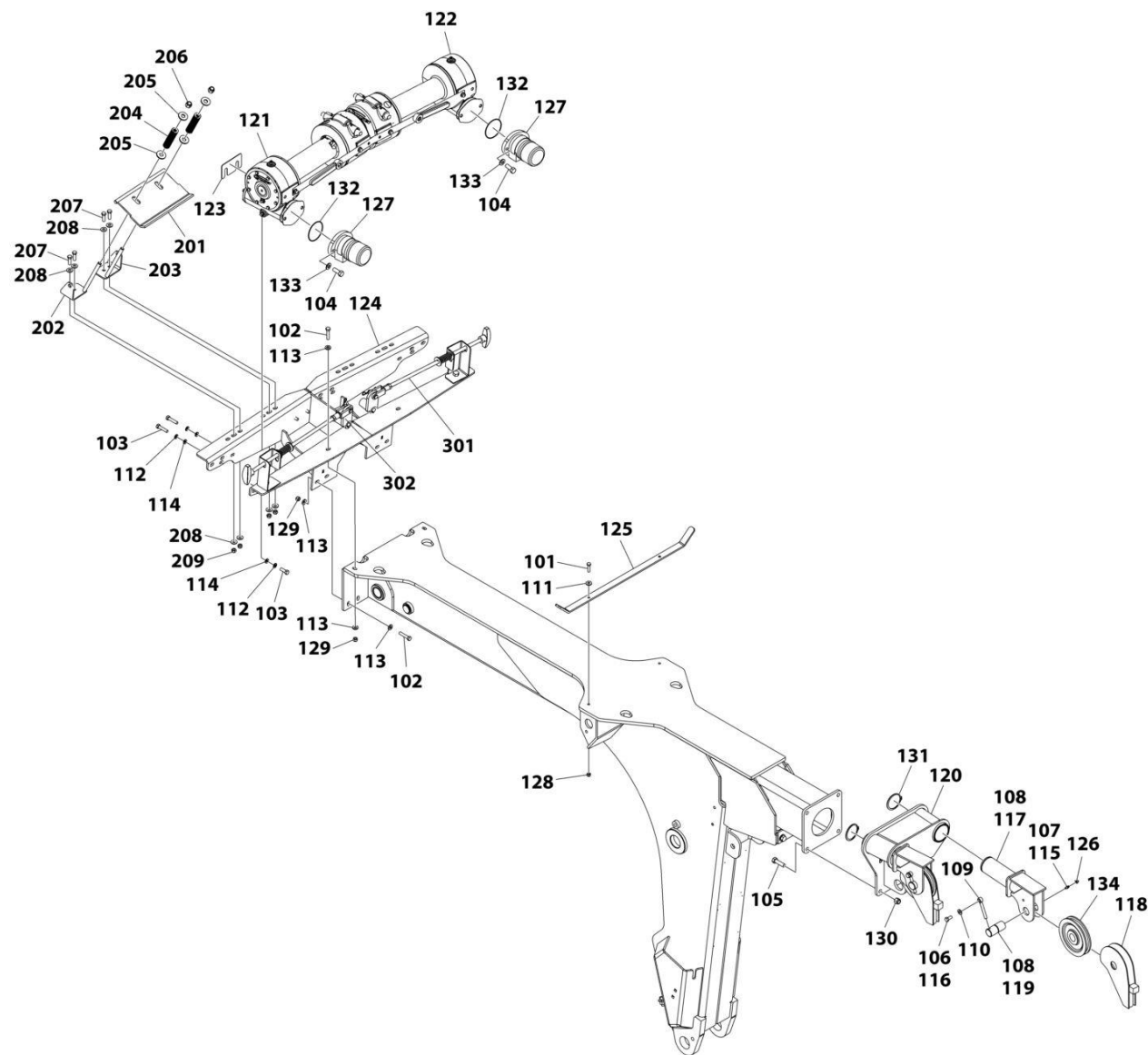
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001295499	Ref	WINCH INSTALLATION - 10 TON DUAL	B
1	1001290899	1	Winch Installation - 10 Ton Worm Dual (Not Shown)(See Items 101-134 for Breakdown)	
2	1001295500	2	Cable Tensioner Installation - 10 Ton Winch (Not Shown) (See Items 201-209 for Breakdown)	
3	RFSH10K-HPL	1	Remote Free Spool Handles Installation (Not Shown) (See Items 301-302 for Breakdown)	
	1001290899	Ref	WINCH INSTALLATION - 10 TON WORM DUAL	C
101	0641510	2	Bolt 5/16 x 1-1/4	
102	0641608	8	Bolt 3/8 x 1	
103	0641613	8	Bolt 3/8 x 1-5/8	
104	0641614	6	Bolt 3/8 x 1-3/4	
105	0641810	4	Bolt 1/2 x 1-1/4	
106	0641814	4	Bolt 1/2 x 1-3/4	
107	0651606	2	Bolt 3/8 x 3/4	
108	3020029	AR	Lubricant	
109	3020039	AR	Lubricant	
110	3841143	2	Keeper	
111	4711600	2	Washer	
112	4751500	2	Washer 5/16	
113	4761600	16	Washer 3/8	
114	4891600	28	Washer 3/8	
115	88671008	4	Fitting	
116	1001095650	AR	Adhesive	
117	1001206161	2	Support	
118	1001206167	2	Support	
119	1001206171	2	Pin	
120	1001206499	1	Support	
121	1001288918	4	Plate	
122	1001288948	1	Bracket	
123	4062000541	1	Bar	
124	7253000002	4	Cap, Fitting	
125	7626000014	2	Orbit Motor (See Separate Breakdown in this Section)	
126	7660152601	2	Nut 5/16	
127	7660162601	6	Nut 3/8	
128	7660182601	4	Nut 1/2	
129	7754000005	2	Ring, Retaining	
130	7809000001	2	Sheave, Wire Rope	
131	7950180400	4	Washer 1/2	
132	7970000138	1	Winch (LH) (See Separate Breakdown in this Section)	
133	7970000139	1	Winch (RH) (See Separate Breakdown in this Section)	
134	8632000002	2	Trim-Lock (Not Shown)	
	1001295500	Ref	CABLE TENSIONER INSTALLATION - 10 TON WINCH	A
201	1001295501	1	Lever	
202	1001295498	1	Bracket (LH)	
203	1001295497	1	Bracket (RH)	
204	7843000004	2	Spring	
205	7950180161	4	Washer 1/2	
206	7660182601	2	Nut 1/2	
207	7115161050	4	Bolt 3/8 x 1-1/4	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
208	7950150161	8	Washer 5/16	0
209	7660162601	4	Nut 3/8	
	RFSH10K-HPL	Ref	REMOTE FREE SPOOL HANDLES INSTALLATION	
301	2587000002	1	Handle Lever Installation - LH (See Separate Breakdown in CONTROLS Section)	
302	2587000001	1	Handle Lever Installation - RH (See Separate Breakdown in CONTROLS Section)	

SECTION 2 - BOOM

FIGURE 2-5. WINCH INSTALLATION - 12 TON DUAL



ART_1001295495

FIGURE 2-5. WINCH INSTALLATION - 12 TON DUAL

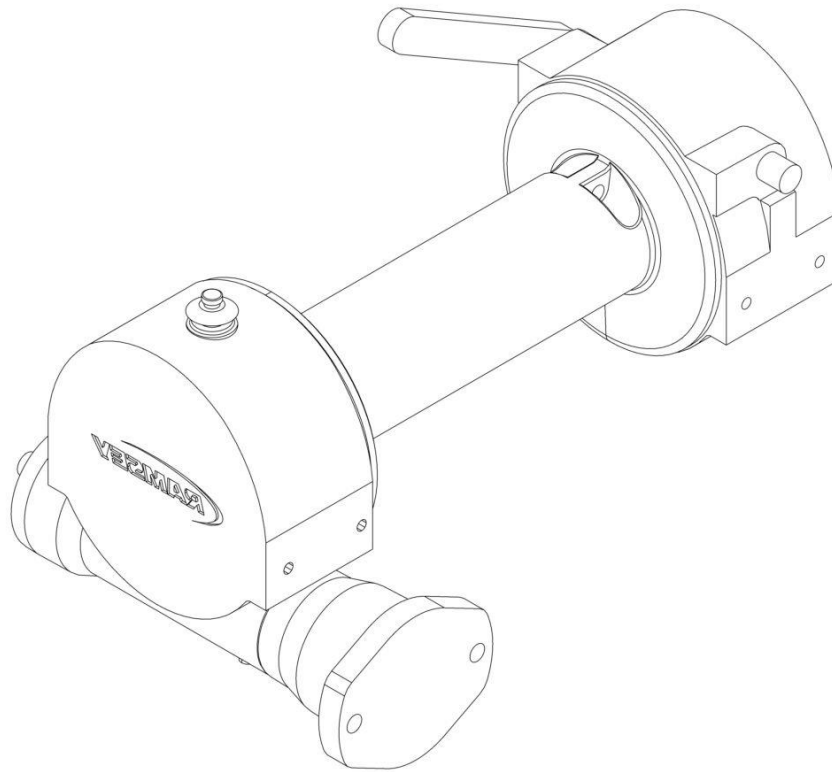
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001295495	Ref	WINCH INSTALLATION - 12 TON DUAL	A
1	1001290901	1	Winch Installation - 12 Ton Worm Dual (Not Shown) (See Items 101-135 for Breakdown)	
2	1001295494	2	Cable Tensioner Installation - 12 Ton Winch (Not Shown) (See Items 201-209 for Breakdown)	
3	RFSH10K-HPL	1	Remote Free Spool Handles Installation (Not Shown) (See Items 301-302 for Breakdown)	
	1001290901	Ref	WINCH INSTALLATION - 12 TON WORM DUAL	C
101	0641510	2	Bolt 5/16 x 1-1/4	
102	0641614	6	Bolt 3/8 x 1-3/4	
103	0641708	16	Bolt 7/16 x 1	
104	0641810	4	Bolt 1/2 x 1-1/4	
105	0641814	4	Bolt 1/2 x 1-3/4	
106	0651606	2	Bolt 3/8 x 3/4	
107	3020029	AR	Lubricant	
108	3020039	AR	Lubricant	
109	3841143	2	Keeper	
110	4711600	2	Washer	
111	4751500	2	Washer 5/16	
112	4761700	16	Washer 7/16	
113	4891600	12	Washer 3/8	
114	4891700	16	Washer 7/16	
115	88671008	4	Fitting	
116	1001095650	AR	Adhesive	
117	1001206161	2	Support	
118	1001206167	2	Support	
119	1001206171	2	Pin	
120	1001206499	1	Support	
121	1001236329	1	Winch (LH) (See Separate Breakdown in this Section)	
122	1001236330	1	Winch (RH) (See Separate Breakdown in this Section)	
123	1001288919	4	Plate	
124	1001288948	1	Bracket	
125	4062000541	1	Bar	
126	7253000002	4	Cap, Fitting	
127	7626000018	2	Motor (See Separate Breakdown in this Section)	
128	7660152601	2	Nut 5/16	
129	7660162601	6	Nut 3/8	
130	7660182601	4	Nut 1/2	
131	7754000005	2	Ring	
132	7755326000	2	O-Ring	
133	7950180400	4	Washer 1/2	
134	7809000001	2	Sheave, Wire Rope	
135	8632000002	2	Trim-Lock (Not Shown)	
	1001295494	Ref	CABLE TENSIONER INSTALLATION - 12 TON WINCH	A
201	1001295496	1	Lever	
202	1001295498	1	Bracket (LH)	
203	1001295497	1	Bracket (RH)	
204	7843000004	2	Spring	
205	7950180161	4	Washer 1/2	
206	7660182601	2	Nut 1/2	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
207	7115161050	4	Bolt 3/8 x 1-1/4	0
208	7950150161	8	Washer 5/16	
209	7660162601	4	Nut 3/8	
	RFSH10K-HPL	Ref	REMOTE FREE SPOOL HANDLES INSTALLATION	
301	2587000002	1	Handle Lever Installation - LH (See Separate Breakdown in CONTROLS Section)	
302	2587000001	1	Handle Lever Installation - RH (See Separate Breakdown in CONTROLS Section)	

SECTION 2 - BOOM

FIGURE 2-6. WINCH ASSEMBLY - 10000 LBS LH



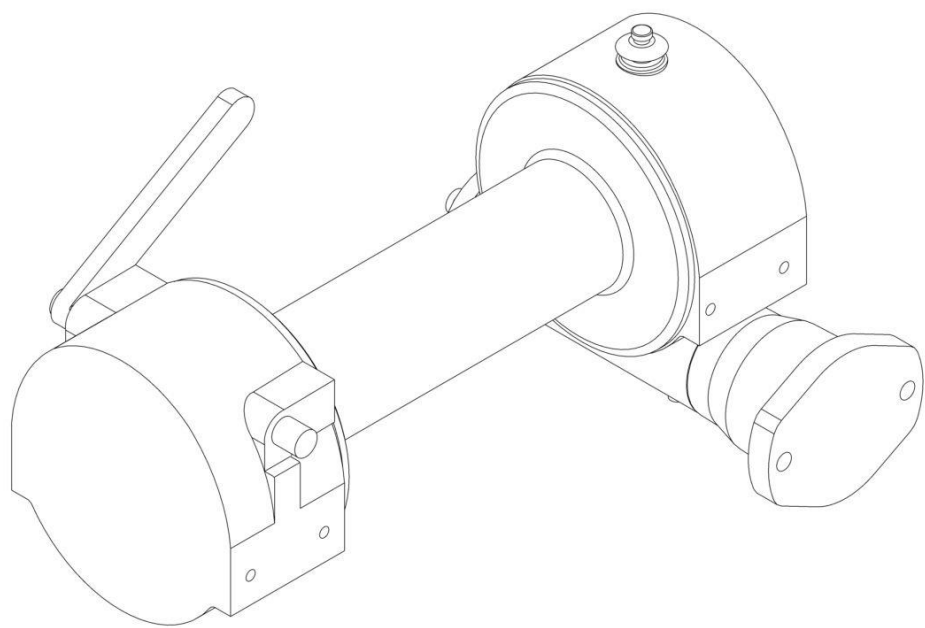
ART_7970000138

FIGURE 2-6. WINCH ASSEMBLY - 10000 LBS LH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7970000138	Ref	WINCH ASSEMBLY	0
		Ref	Note: No Service Part Available at the Time of Printing	

SECTION 2 - BOOM

FIGURE 2-7. WINCH ASSEMBLY - 10000 LBS RH



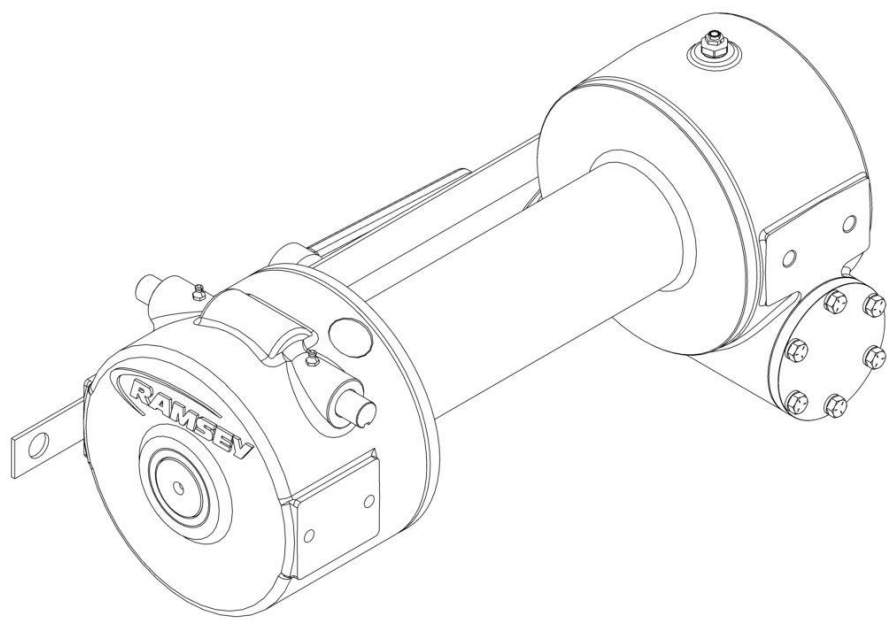
ART_7970000139

FIGURE 2-7. WINCH ASSEMBLY - 10000 LBS RH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7970000139	Ref Ref	WINCH ASSEMBLY Note: No Service Part Available at the Time of Printing	0

SECTION 2 - BOOM

FIGURE 2-8. WINCH ASSEMBLY - 12000 LBS LH



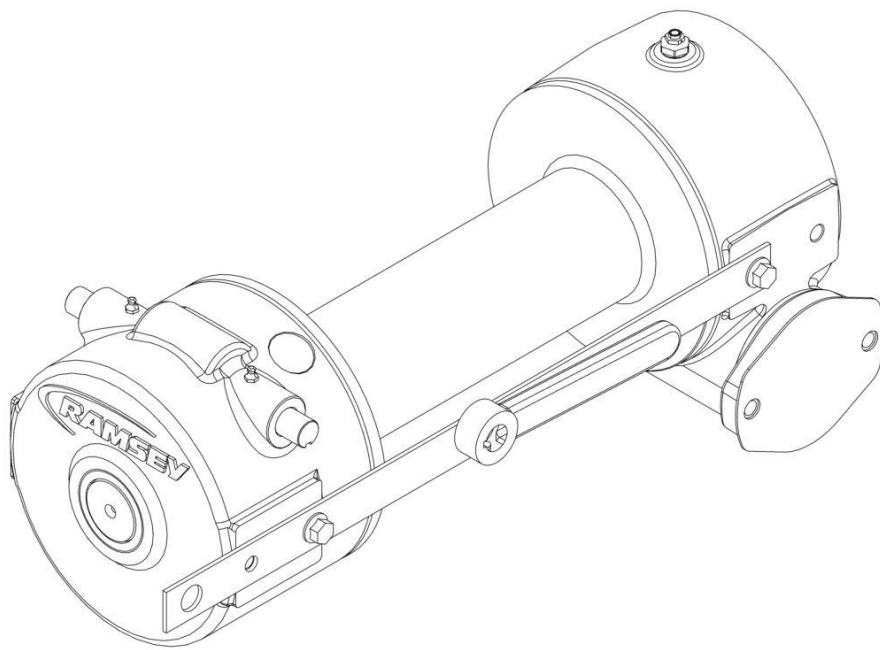
ART_1001236329

FIGURE 2-8. WINCH ASSEMBLY - 12000 LBS LH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236329	Ref Ref	WINCH ASSEMBLY - 12000 LBS LH (WEST COAST SPECS) Note: No Service Parts Available at Time of Printing	A

SECTION 2 - BOOM

FIGURE 2-9. WINCH ASSEMBLY - 12000 LBS RH



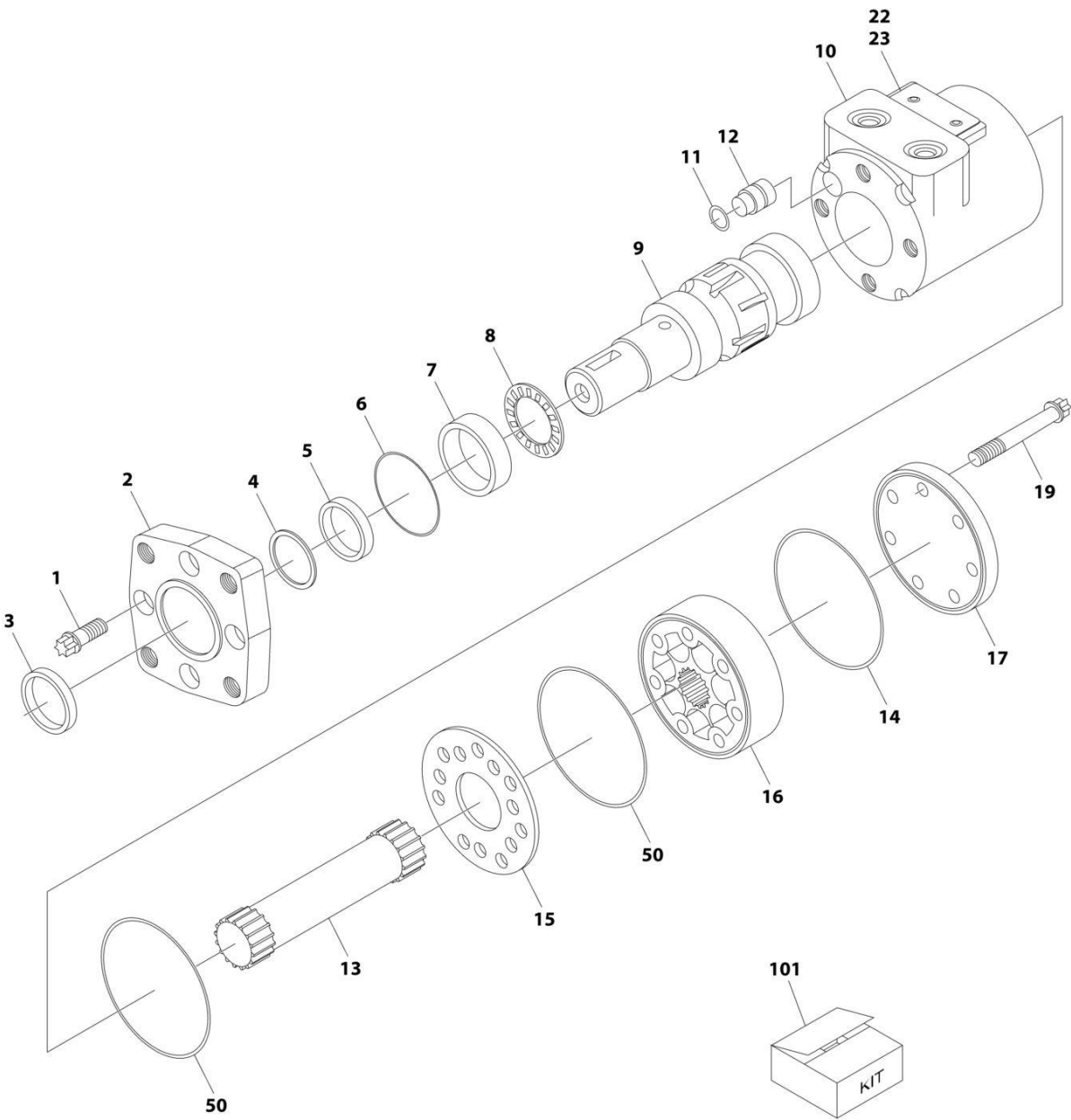
ART_1001236330

FIGURE 2-9. WINCH ASSEMBLY - 12000 LBS RH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236330	Ref Ref	WINCH ASSEMBLY - 12000 LBS RH (WEST COAST SPECS) Note: No Service Parts Available at Time of Printing	A

SECTION 2 - BOOM

FIGURE 2-10. WINCH MOTOR ASSEMBLY - 10 TON



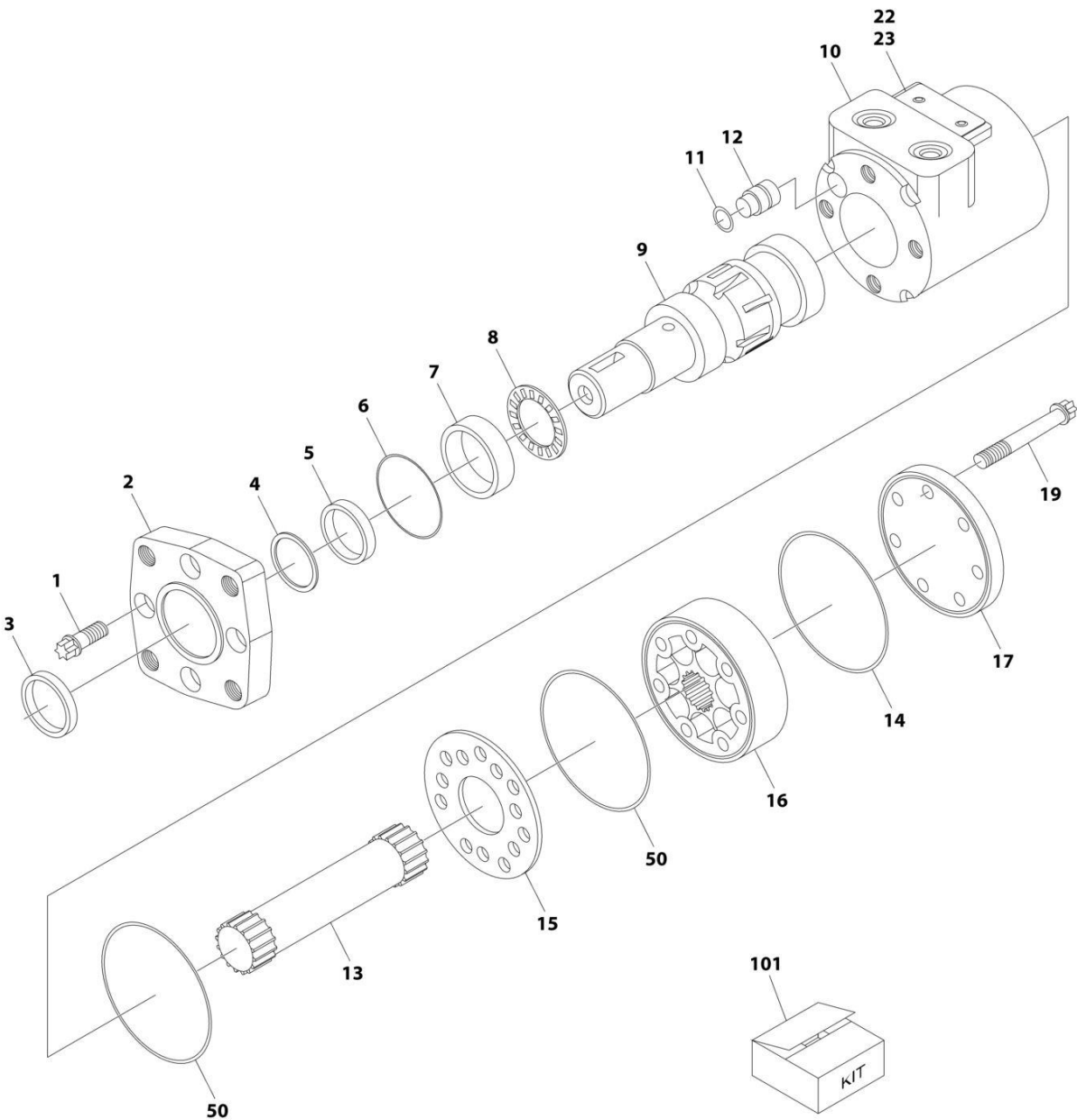
ART_7626000014

FIGURE 2-10. WINCH MOTOR ASSEMBLY - 10 TON

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7626000014	Ref	ORBIT MOTOR	1
1	7002123	4	Capscrew	
2	7009974	1	Flange, Mounting	
3	See Note	NSS	Seal, Exclusion (Note: Use Item 101)	
4	7009975	1	Washer, Backup	
5	7009997	1	Pressure Seal	
6	See Note	NSS	Seal (Note: Use Item 101)	
7	7002117	1	Race, Bearing	
8	7002111	1	Bearing, Thrust Needle	
9	70070028	1	Output Shaft (STD)	
10	See Note	NSS	(Note: Not Available for Purchase)	
11	See Note	NSS	O-Ring (Note: Use Item 101)	
12	7009992	1	Plug, Housing	
13	80234009	1	Drive	
14	See Note	NSS	Seal (Note: Use Item 101)	
15	7002110	1	Plate, Spacer	
16	70070029	1	Gerotor Sub-Assembly	
17	7002107	1	Cap, End	
19	70070030	7	Capscrew	
22	See Note	NSS	(Note: Not Available for Purchase)	
23	See Note	NSS	(Note: Not Available for Purchase)	
50	See Note	NSS	Seal (Note: Use Item 101)	
100		Ref	Key (Not Shown)	
101	2900733	1	Seal Kit (Includes Items 3, 6, 11, 14 & 50)	

SECTION 2 - BOOM

FIGURE 2-11. WINCH MOTOR ASSEMBLY - 12 TON



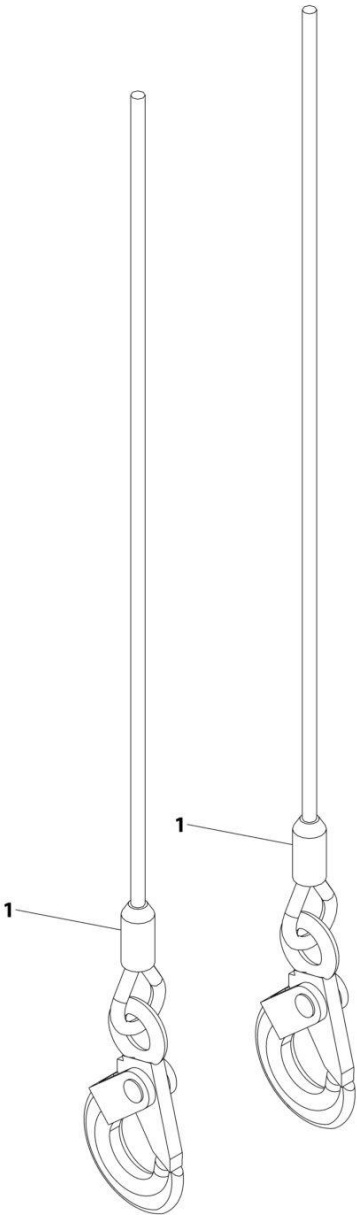
ART_7626000018

FIGURE 2-11. WINCH MOTOR ASSEMBLY - 12 TON

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7626000018	Ref	MOTOR ASSEMBLY - WINCH DRIVE (12000LBS WINCH) (WEST COAST SPECS)	0
1	7002123	4	Capscrew	
2	7009974	1	Flange, Mounting	
3	See Note	NSS	Seal, Exclusion (Note: Use Item 101)	
4	7009975	1	Washer, Backup	
5	7009997	1	Pressure Seal	
6	See Note	NSS	Seal (Note: Use Item 101)	
7	7002117	1	Race, Bearing	
8	7002111	1	Bearing, Thrust Needle	
9	70070028	1	Output Shaft (STD)	
10	See Note	NSS	(Note: Not Available for Purchase)	
11	See Note	NSS	O-Ring (Note: Use Item 101)	
12	7009992	1	Plug, Housing	
13	70070031	1	Drive	
14	See Note	NSS	Seal (Note: Use Item 101)	
15	7002110	1	Plate, Spacer	
16	70070032	1	Gerotor Sub-Assembly	
17	7002107	1	Cap, End	
19	70070030	7	Capscrew	
22	See Note	NSS	(Note: Not Available for Purchase)	
23	See Note	NSS	(Note: Not Available for Purchase)	
50	See Note	NSS	Seal (Note: Use Item 101)	
100		Ref	Key (Not Shown)	
101	2900733	1	Seal Kit (Includes Items 3, 6, 11, 14 & 50)	

SECTION 2 - BOOM

FIGURE 2-12. CABLE ASSEMBLY - 7/16X101FT (DUAL WINCHES)



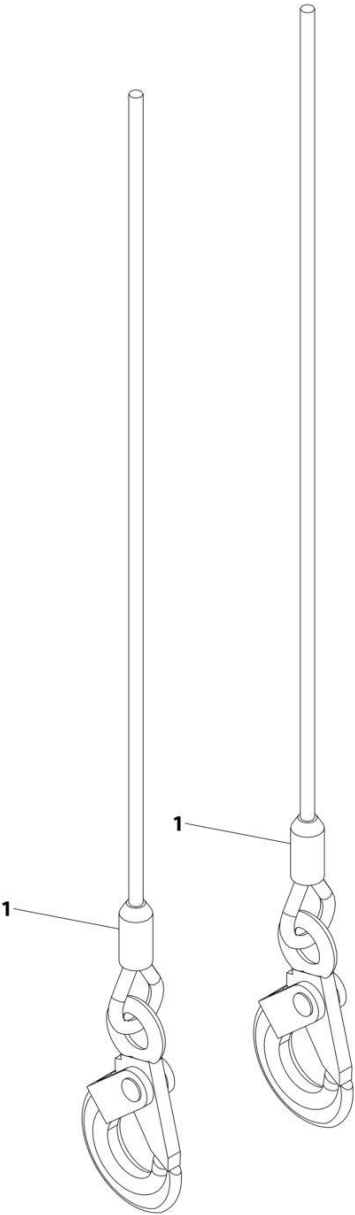
ART_1001295725

FIGURE 2-12. CABLE ASSEMBLY - 7/16X101FT (DUAL WINCHES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001295725	Ref	CABLE ASSEMBLY - 7/16x101FT (DUAL WINCHES)	A
	1001295723	2	Cable Assembly	

SECTION 2 - BOOM

FIGURE 2-13. CABLE ASSEMBLY - 7/16X150FT (DUAL WINCHES)



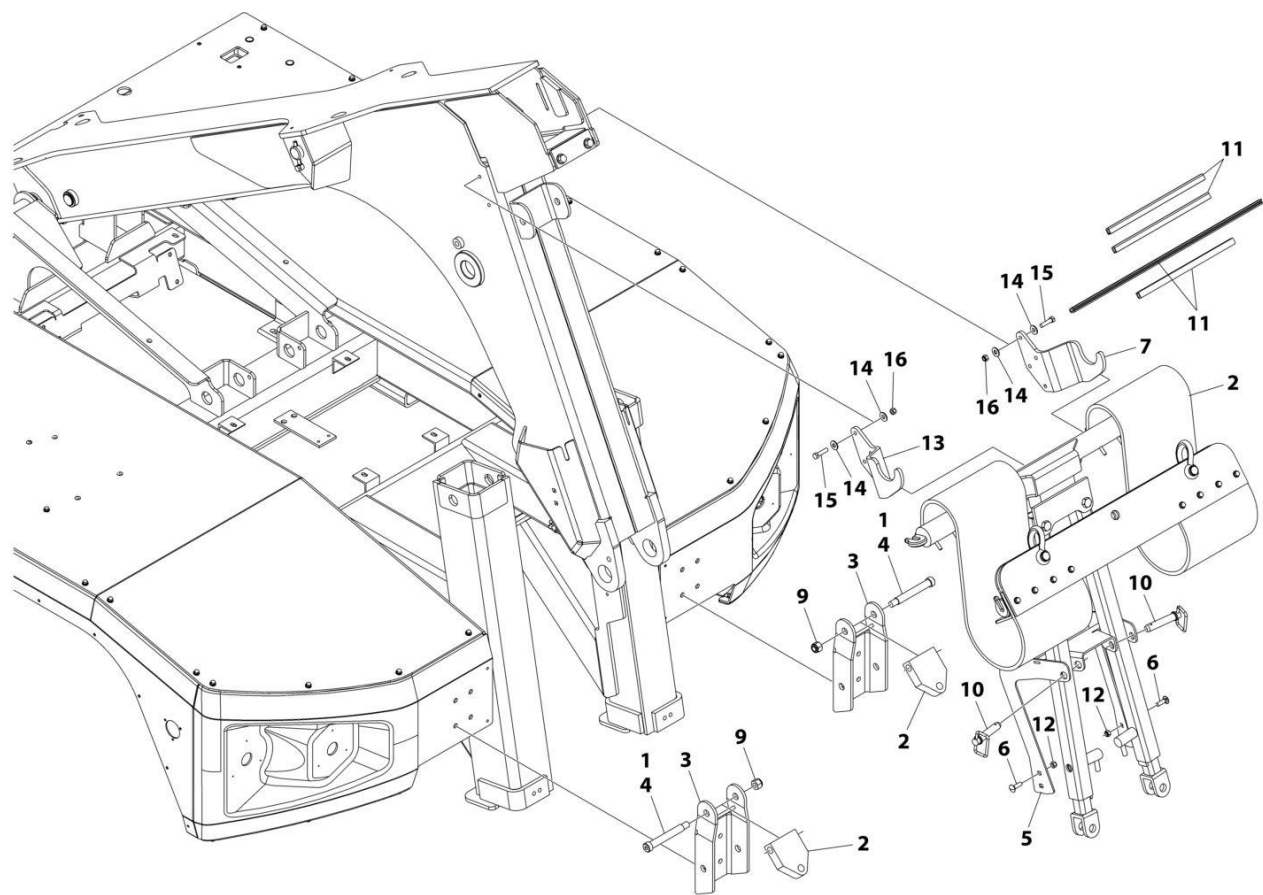
ART_1001295726

FIGURE 2-13. CABLE ASSEMBLY - 7/16X150FT (DUAL WINCHES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001295726	Ref	CABLE ASSEMBLY - 7/16x150FT (DUAL WINCHES)	A
	1001295724	2	Cable Assembly	

SECTION 2 - BOOM

FIGURE 2-14. TOW SLING INSTALLATION



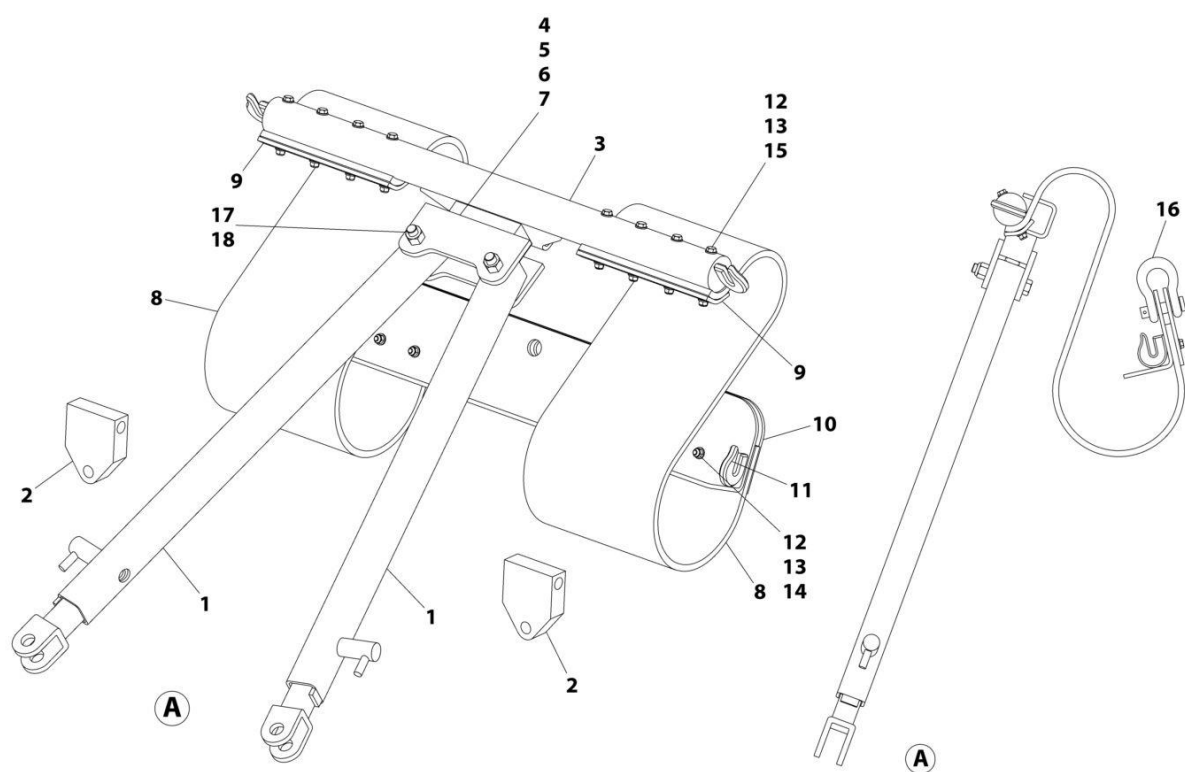
ART_1001296866

FIGURE 2-14. TOW SLING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296866	Ref	TOW SLING INSTALLATION	B
1	3020039	AR	Molly Paste	
2	1001183579	1	Tow Sling Kit (See Separate Breakdown in this Section)	
3	1001294039	2	Bracket	
4	7115223806	2	Bolt 5/8 x 4-3/4	
5	1001296868	1	Bracket	
6	7115161064	4	Bolt 3/8 x 1-1/4	
7	1001296867	1	Bracket	
8	7262000010	2	Chain (Not Shown)	
9	7660202601	2	Nut 5/8	
10	7691000053	2	Pin	
11	8632000002	6 ft/2 m	Trim Lock	
12	7660162601	8	Nut 3/8	
13	1001302813	1	Bracket	
14	4751600	8	Washer 3/8	
15	0641612	4	Bolt 3/8 x 1-1/2	

SECTION 2 - BOOM

FIGURE 2-15. TOW SLING KIT



ART_1001183579

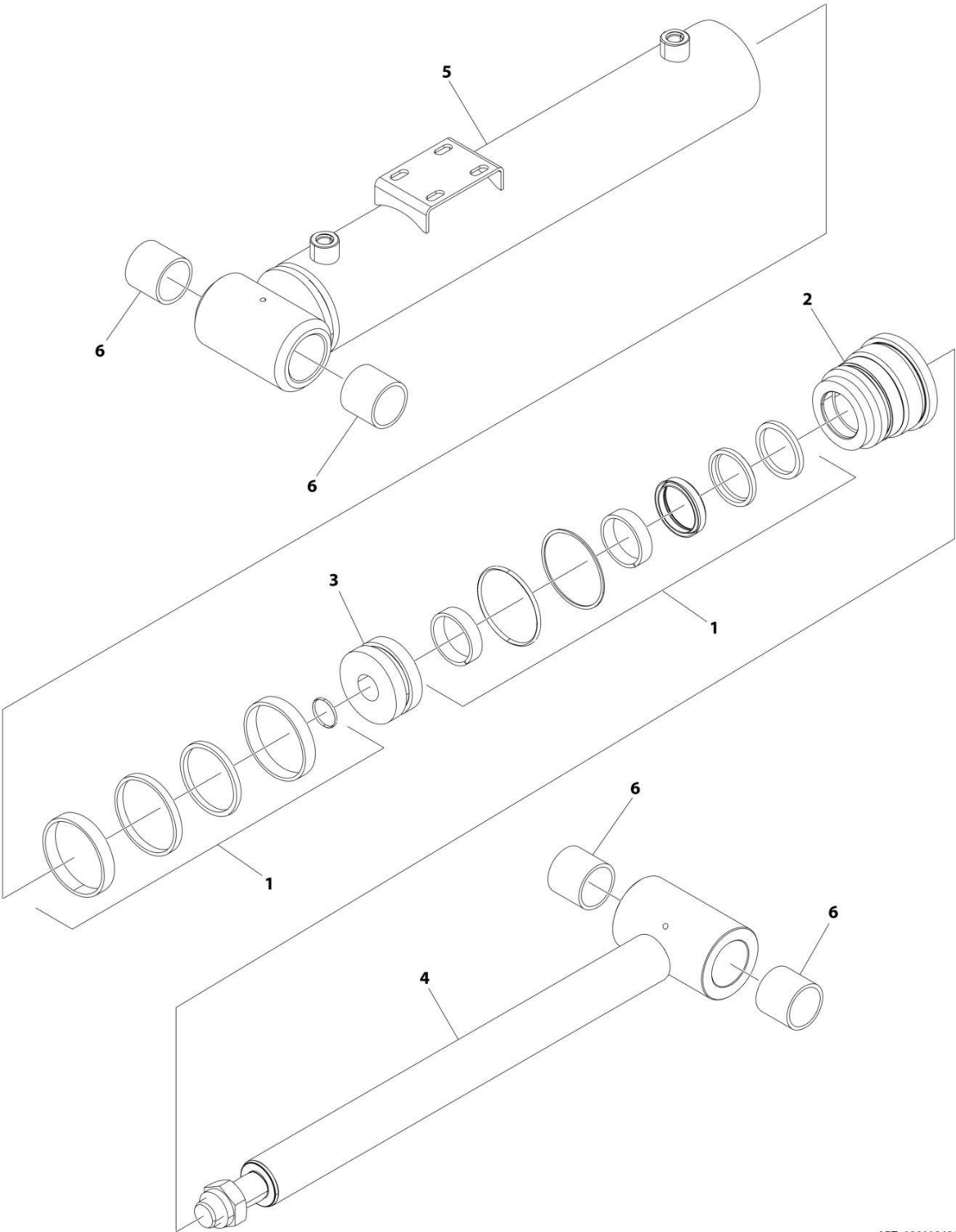
FIGURE 2-15. TOW SLING KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183579	Ref	TOW SLING KIT	C
1	70051576	2	Sling Arm Assembly	
2	70051577	2	Hinge	
3	70051578	1	Sling Crossbar	
4	70051579	1	Pivot	
5	70051580	1	Washer	
6	70051581	1	Nut	
7	70051582	1	Cotter Pin	
8	70051583	2	Sling Belt	
9	70051584	2	Sling Belting Clamp	
10	70051585	1	Front Sling Belting Plate	
11	70051586	1	Back Sling Belting Plate	
12	70051587	16	Washer 5/16	
13	70051588	16	Nut 5/16	
14	70051589	8	Bolt 5/16 x 1-1/2	
15	70051590	8	Bolt 5/16 x 3-1/2	
16	70051591	2	Anchor Shackle	
17	70051592	2	Bolt 5/8 x 3-3/4	
18	70051593	2	Nut 5/8	

SECTION 3 - UNDERLIFT

SECTION 3 - UNDERLIFT

FIGURE 3-1. CYLINDER ASSEMBLY - TILT (UNDERLIFT)



ART_1001194369

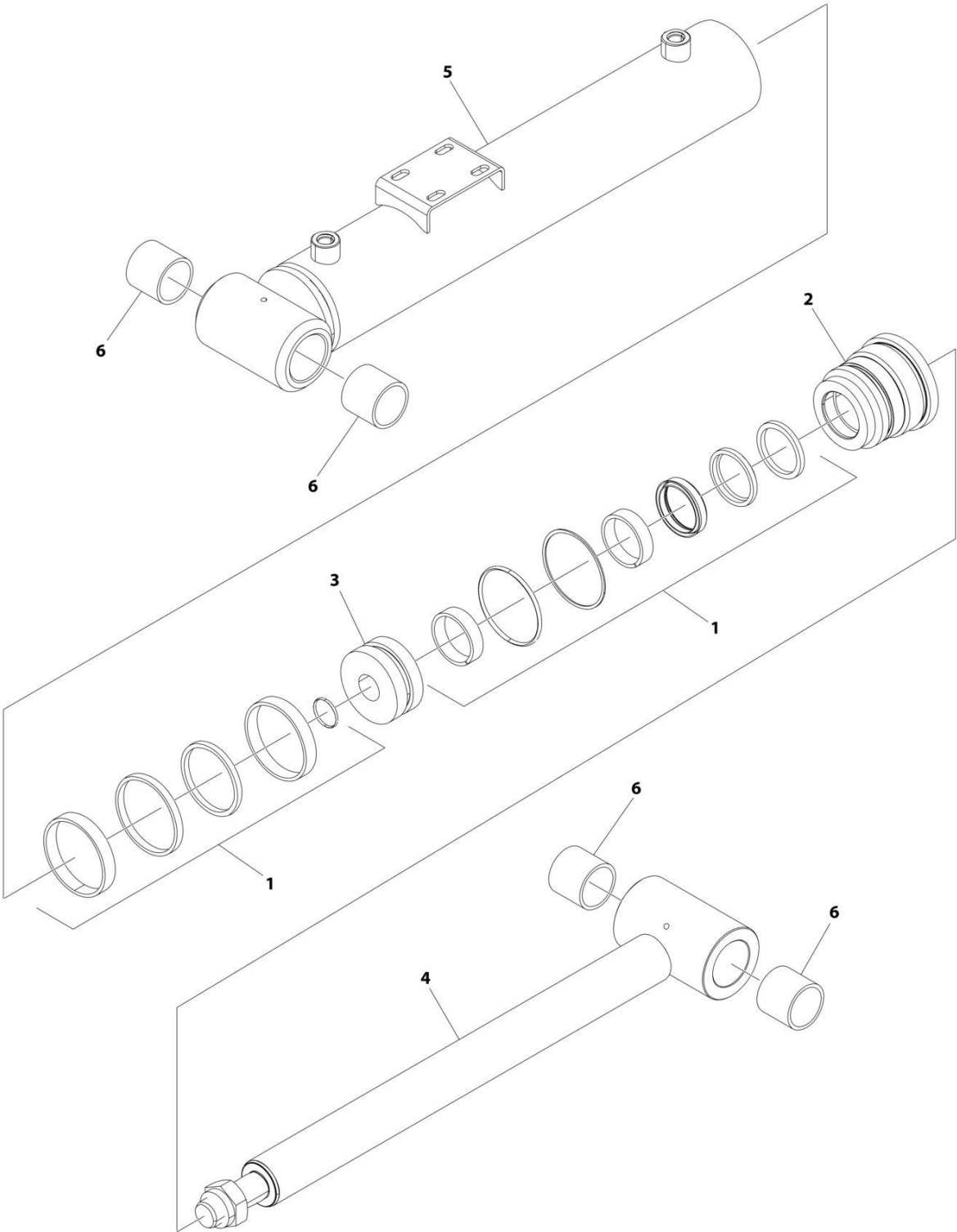
SECTION 3 - UNDERLIFT

FIGURE 3-1. CYLINDER ASSEMBLY - TILT (UNDERLIFT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194369	Ref	CYLINDER ASSEMBLY - TILT (UNDERLIFT)	C
1	70051326	1	Seal Kit - Cylinder	
2	70051628	1	Head	
3	70051629	1	Piston	
4	70051630	1	Rod	
5	70051631	1	Barrel	
6	0962224	1	Bushing (Barrel & Rod Ends)	

SECTION 3 - UNDERLIFT

FIGURE 3-2. CYLINDER ASSEMBLY - EXTEND/RETRACT



ART_7320000077

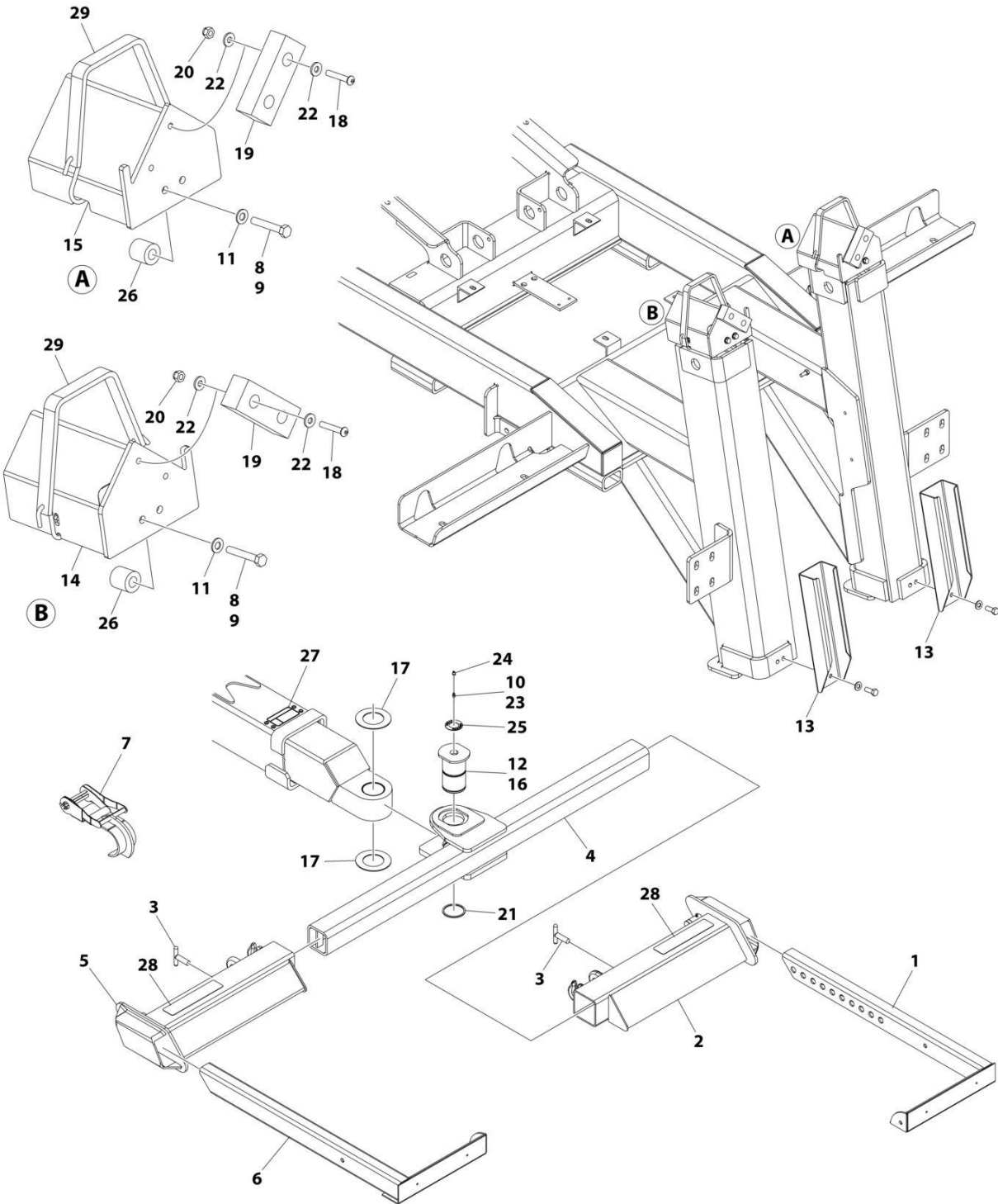
SECTION 3 - UNDERLIFT

FIGURE 3-2. CYLINDER ASSEMBLY - EXTEND/RETRACT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000077	Ref	CYLINDER ASSEMBLY	01
1	70051664	1	Seal Kit - Cylinder	
2	70051660	1	Head	
3	70051661	1	Piston	
4	70051662	1	Rod	
5	70051663	1	Barrel	

SECTION 3 - UNDERLIFT

FIGURE 3-3. GRID SYSTEM INSTALLATION - MANUAL



ART_1001296798

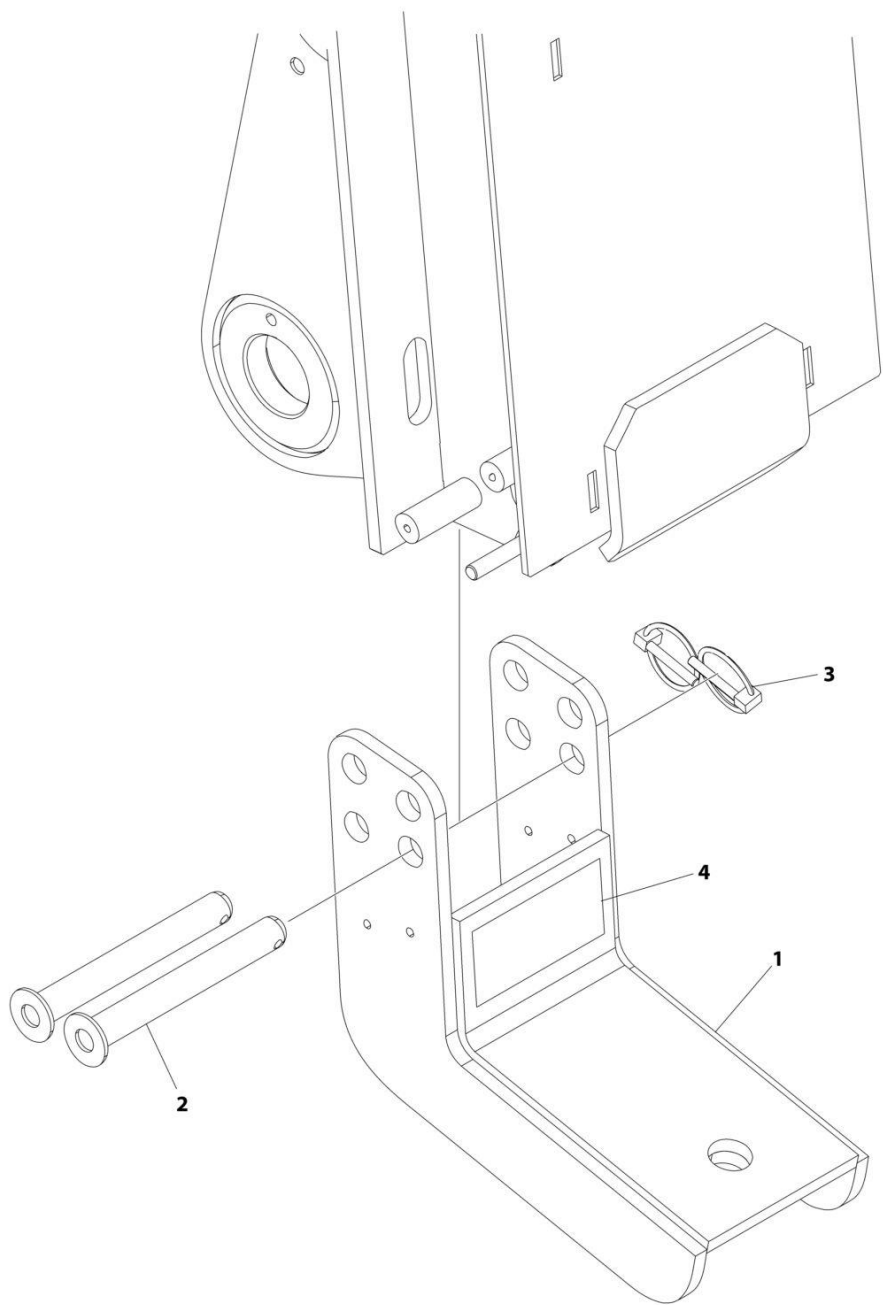
SECTION 3 - UNDERLIFT

FIGURE 3-3. GRID SYSTEM INSTALLATION - MANUAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296798	Ref	GRID INSTALLATION - MANUAL	C
1	3020000038	1	Arm - RH	
2	3484000030	1	Grid - RH	
3	3551000036	2	T-Handle	
4	3512880076	1	Pivot Tube	
5	3484000031	1	Grid - LH	
6	3020000037	1	Arm - LH	
7	7894000034	2	Wheel Lift Tire Strap	
8	0100011	AR	Compound Locking	
9	0641516	4	Bolt 5/16 x 2	
10	3020029	AR	Lubricant	
11	4711500	4	Washer 5/16	
12	3020039	AR	Lubricant	
13	1001296754	2	Bracket, Storage	
14	1001296756	1	Mount, L-Arm (LH)	
15	1001296757	1	Mount, L-Arm (RH)	
16	4691000103	1	Pin	
17	4949000047	2	Washer, 5 OD	
18	7114141218	4	Bolt 1/4 x 1-1/2	
19	7189000023	2	Bumper	
20	7660142604	4	Nut 1/4	
21	7754000024	1	Ring, Retaining	
22	7950140143	8	Washer 1/4	
23	88671008	1	Fitting, Grease	
24	7253000002	1	Cap, Grease Fitting	
25	7330000609	1	Decal - Grease Required	
26	1001220833	4	Shim	
27	7330000599	1	Decal - Pinch Point	
28	7330000683	2	Decal - Safety	
29	1001175233	2	Strap, Tarp	

SECTION 3 - UNDERLIFT

FIGURE 3-4. TOW BALL BRACKET INSTALLATION



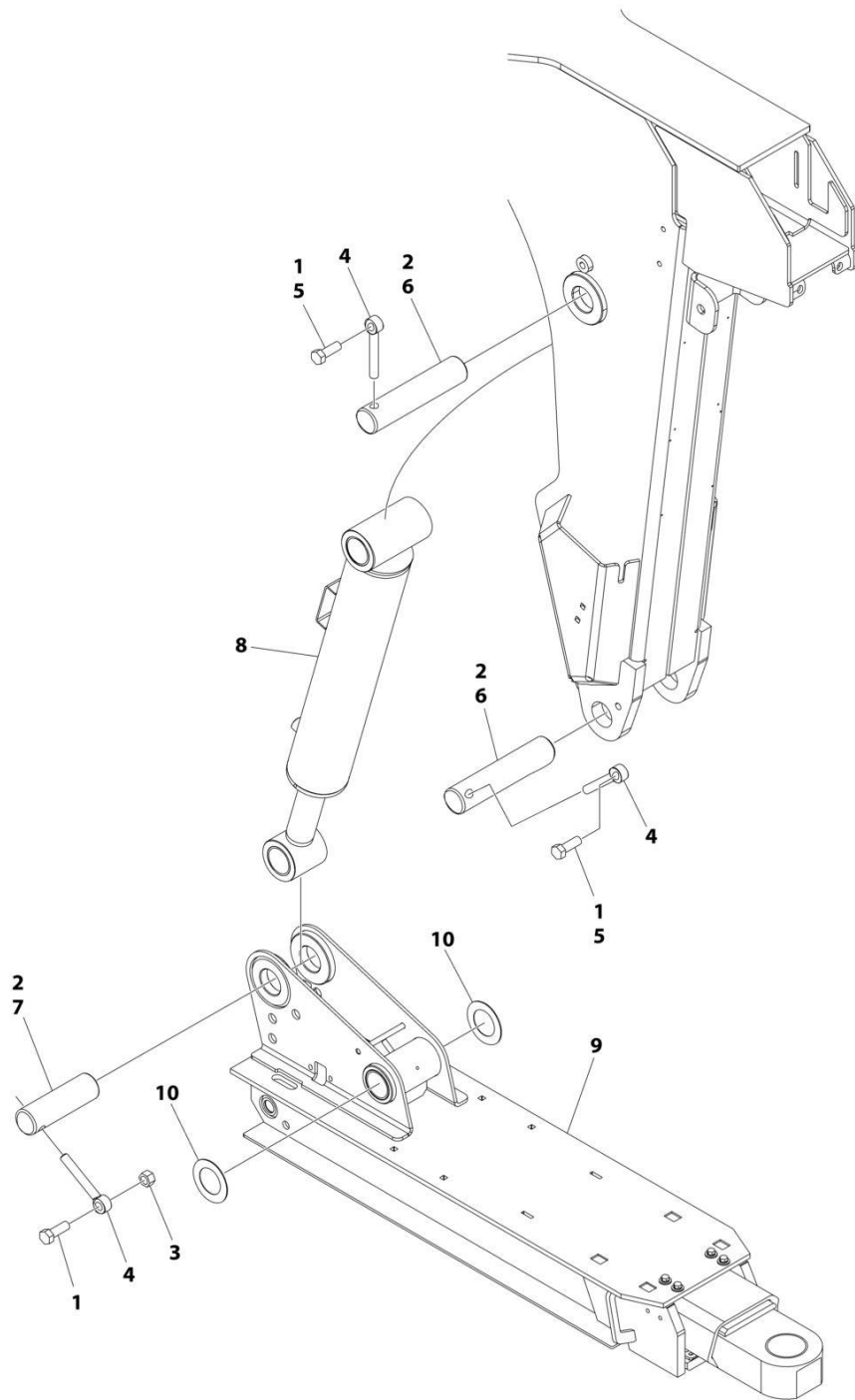
ART_2178000048

FIGURE 3-4. TOW BALL BRACKET INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2178000048	Ref	TOW BALL BRACKET INSTALLATION	0
1	3178000507	1	Bracket, Tow Ball	
2	3691000195	2	Pin	
3	7691000027	2	Clip-Pin	
4	7330000424	1	Decal - Tow Bracket	

SECTION 3 - UNDERLIFT

FIGURE 3-5. UNDERLIFT INSTALLATION - MANUAL GRID



ART_1001290902

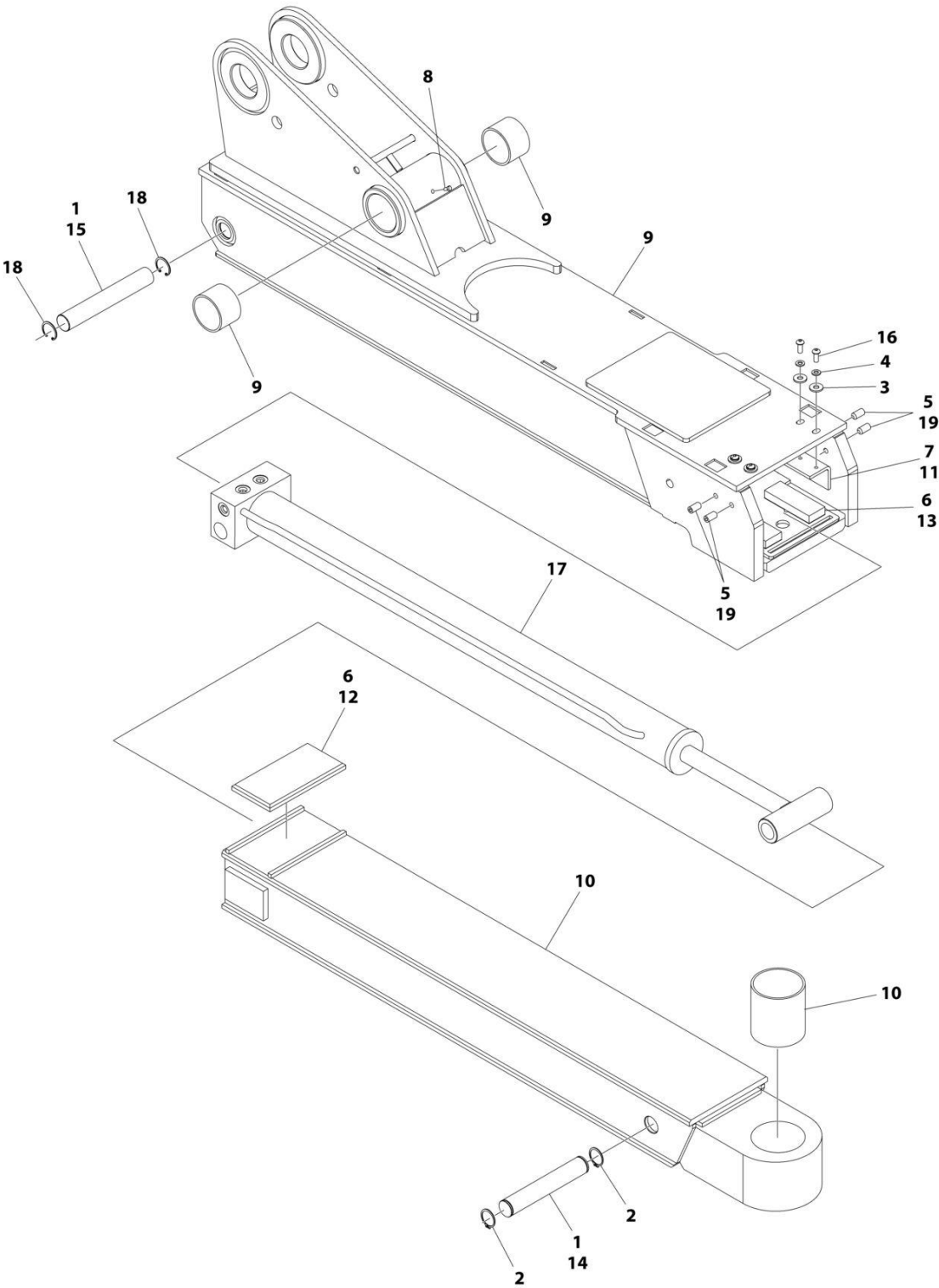
SECTION 3 - UNDERLIFT

FIGURE 3-5. UNDERLIFT INSTALLATION - MANUAL GRID

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290902	Ref	UNDERLIFT INSTALLATION - MANUAL GRID	A
1	0682014	3	Bolt 5/8 x 1-3/4 Grade 8	
2	3020039	AR	Lubricant	
3	3272005	1	Nut 5/8	
4	3841258	3	Keeper, Pin	
5	1001095650	AR	Adhesive	
6	1001191717	2	Pin	
7	1001191718	1	Pin	
8	1001194369	1	Cylinder Assembly - Tilt (See Separate Breakdown in this Section)	
9	1001291619	1	Boom, Under lift - Manual Grids (See Separate Breakdown in this Section)	
10	4949000050	2	Washer	

SECTION 3 - UNDERLIFT

FIGURE 3-6. UNDERLIFT BOOM ASSEMBLY - MANUAL GRID



ART_1001291619

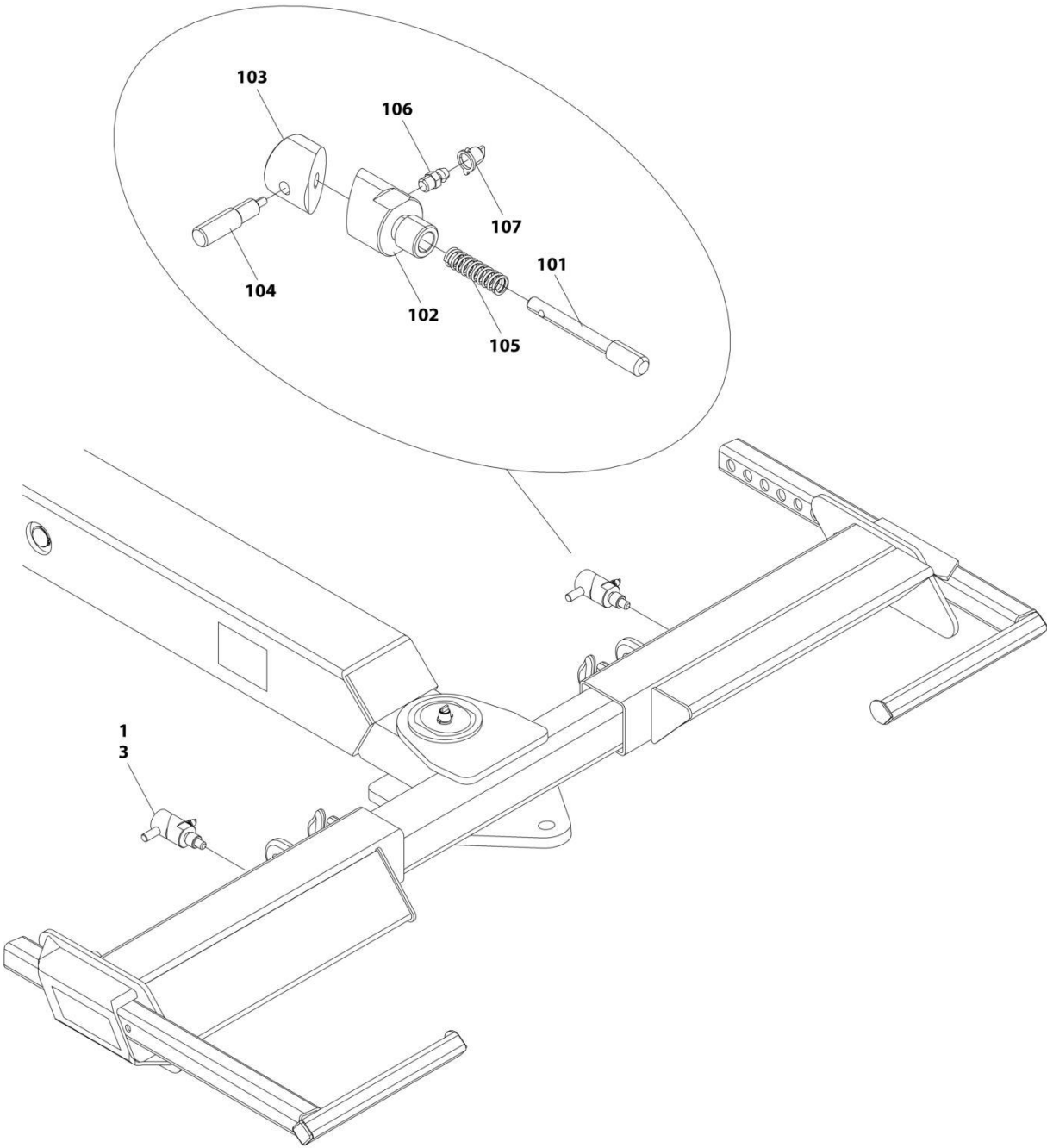
SECTION 3 - UNDERLIFT

FIGURE 3-6. UNDERLIFT BOOM ASSEMBLY - MANUAL GRID

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291619	Ref	UNDERLIFT BOOM ASSEMBLY - MANUAL GRID	A
1	3020039	AR	Lubricant	
2	3760115	2	Ring, Retaining	
3	7950140153	4	Washer 1/4	
4	7950140003	4	Washer 1/4	
5	1001095650	AR	Adhesive	
6	1001152707	AR	Lubricant	
7	1001155141	AR	Lubricant	
8	1001204776	1	Plug	
9	1001289652	1	Boom, Main	
9	7082000043	2	Bearing	
10	3170000488	1	Boom, Fly	
10	7082000021	1	Bearing	
11	4017000459	2	Angle	
12	4679000046	1	Pad	
13	4679000213	2	Pad	
14	4691000444	1	Pin	
15	4691000308	1	Pin	
16	7114140518	4	Bolt 1/4 x 5/8	
17	7320000077	1	Cylinder Assembly - Extrend/Retract (See Separate Breakdown in this Section)	
18	7754000056	2	Ring, Retaining	
19	7785161274	4	Setscrew 3/8 x 3/4	

SECTION 3 - UNDERLIFT

FIGURE 3-7. WHEEL LIFT CROSSBAR CAM-LOCK



ART_1001160195

SECTION 3 - UNDERLIFT

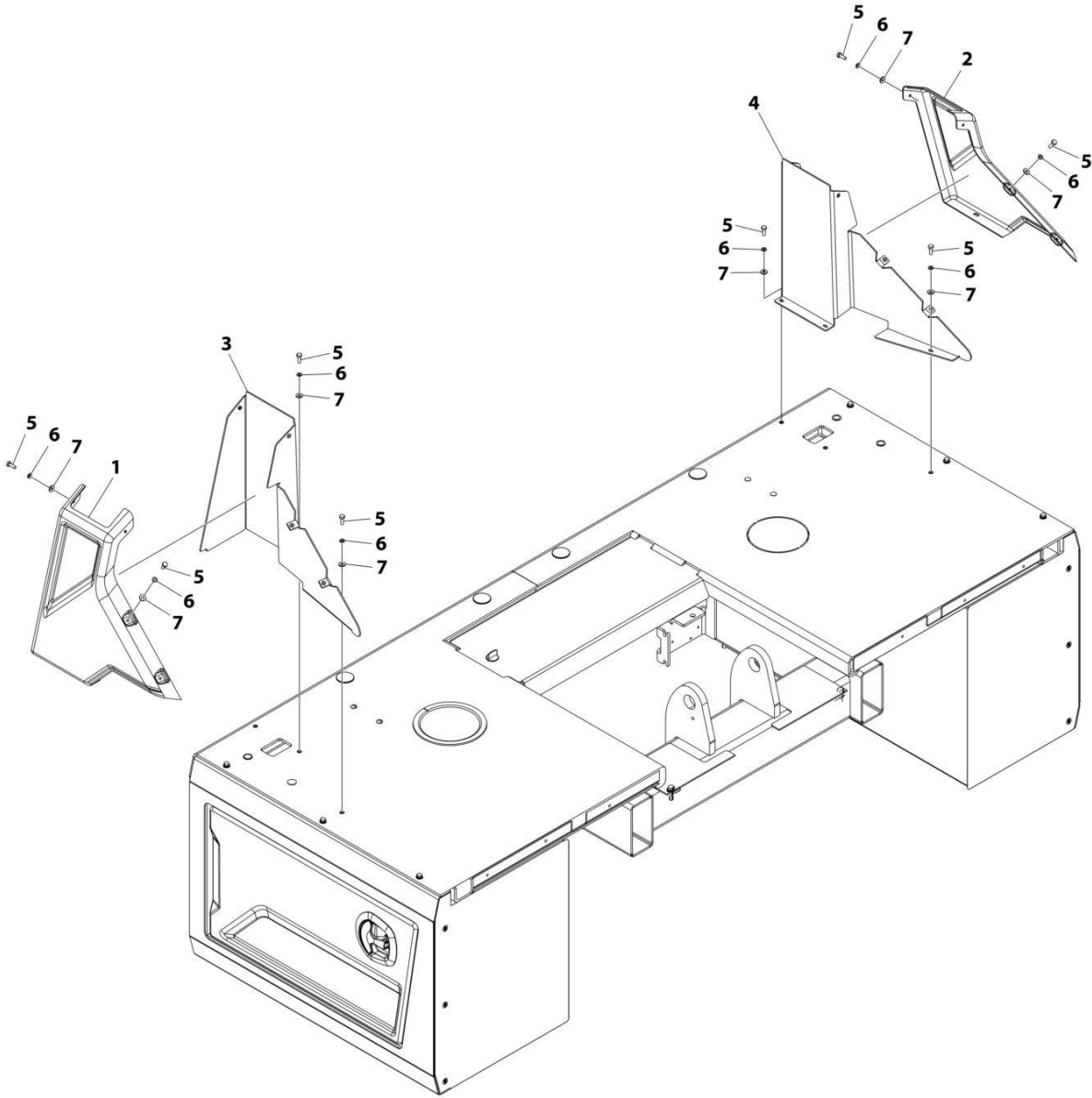
FIGURE 3-7. WHEEL LIFT CROSSBAR CAM-LOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160195	Ref	Wheel Lift Crossbar Cam-Lock	A
1	1001153950	2	Cam Lock (includes items 101 through 107)	
3	0100011	AR	Compound Locking	
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	

SECTION 4 - BODY

SECTION 4 - BODY

FIGURE 4-1. BODY COVERS RAIL INSTALLATION (BODY MOUNTED PYLON)



ART_1001301573

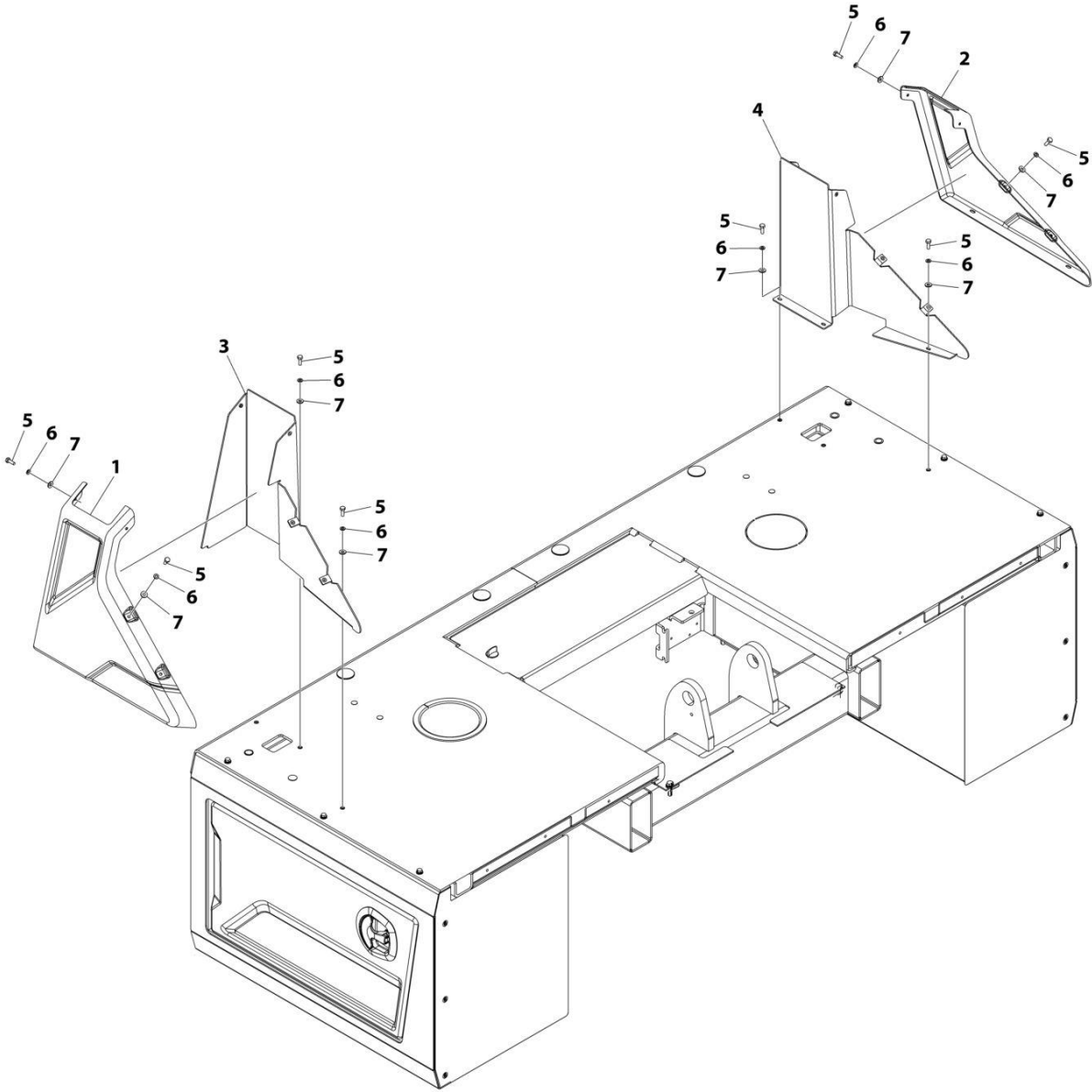
SECTION 4 - BODY

FIGURE 4-1. BODY COVERS RAIL INSTALLATION (BODY MOUNTED PYLON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001301573	Ref	BODY COVERS RAIL INSTALLATION	A
1	1001294154	1	Cover, LH	
2	1001294155	1	Cover, RH	
3	1001295697	1	Panel, LH	
4	1001295699	1	Panel, RH	
5	7114140650	14	Bolt 1/4 x 3/4	
6	7950140003	14	Washer 1/4	
7	7950140143	14	Washer 1/4	

SECTION 4 - BODY

FIGURE 4-2. BODY COVERS NO RAIL INSTALLATION (BODY MOUNTED PYLON)



ART_1001301575

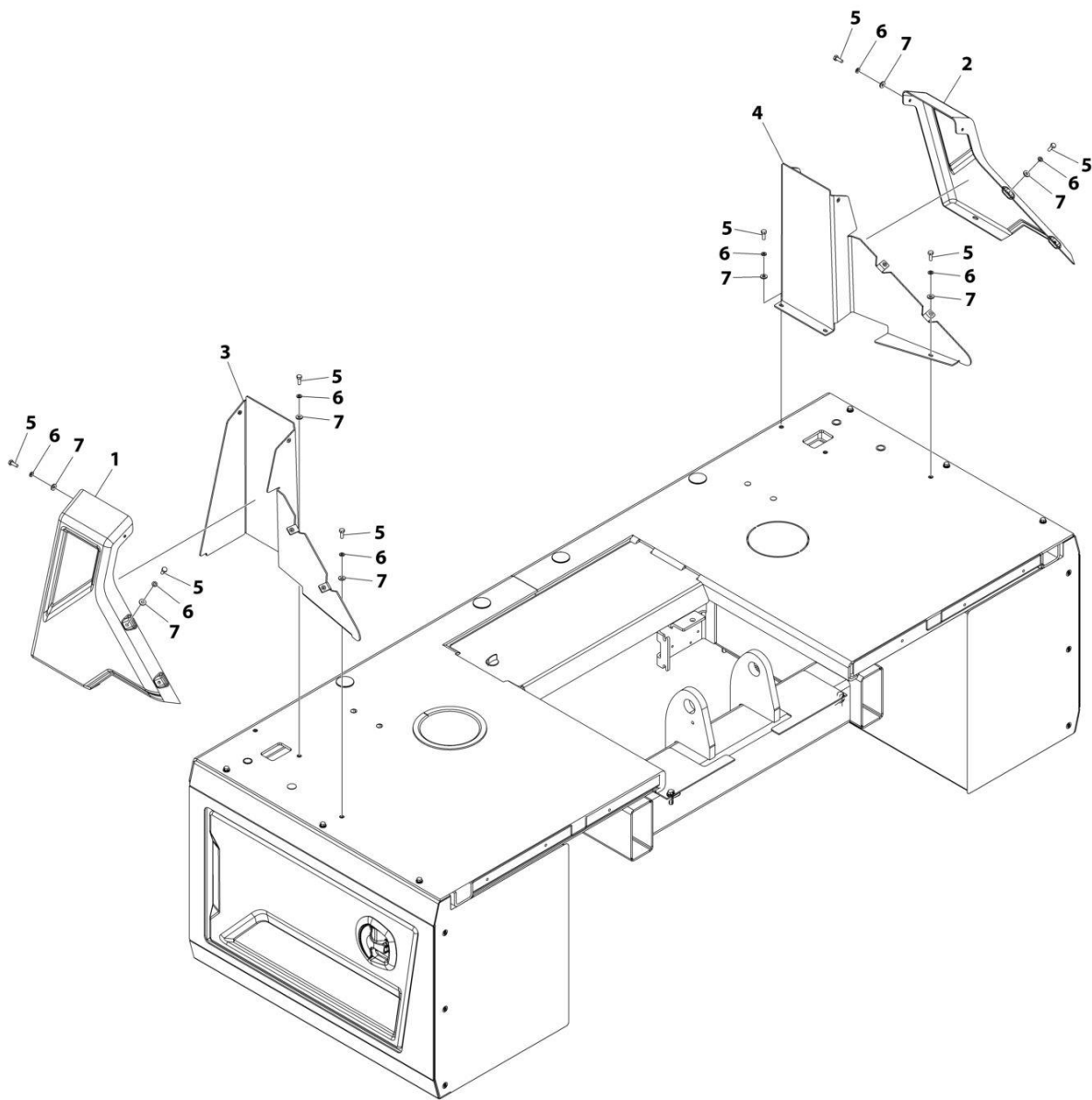
SECTION 4 - BODY

FIGURE 4-2. BODY COVERS NO RAIL INSTALLATION (BODY MOUNTED PYLON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001301575	Ref	BODY COVERS NO RAIL INSTALLATION	A
1	1001294152	1	Cover, LH	
2	1001294153	1	Cover, RH	
3	1001295697	1	Panel, LH	
4	1001295699	1	Panel, RH	
5	7114140650	14	Bolt 1/4 x 3/4	
6	7950140003	14	Washer 1/4	
7	7950140143	14	Washer 1/4	

SECTION 4 - BODY

FIGURE 4-3. BODY COVERS RAILS INSTALLATION (TUNNEL MOUNTED PYLON)



ART_1001301574

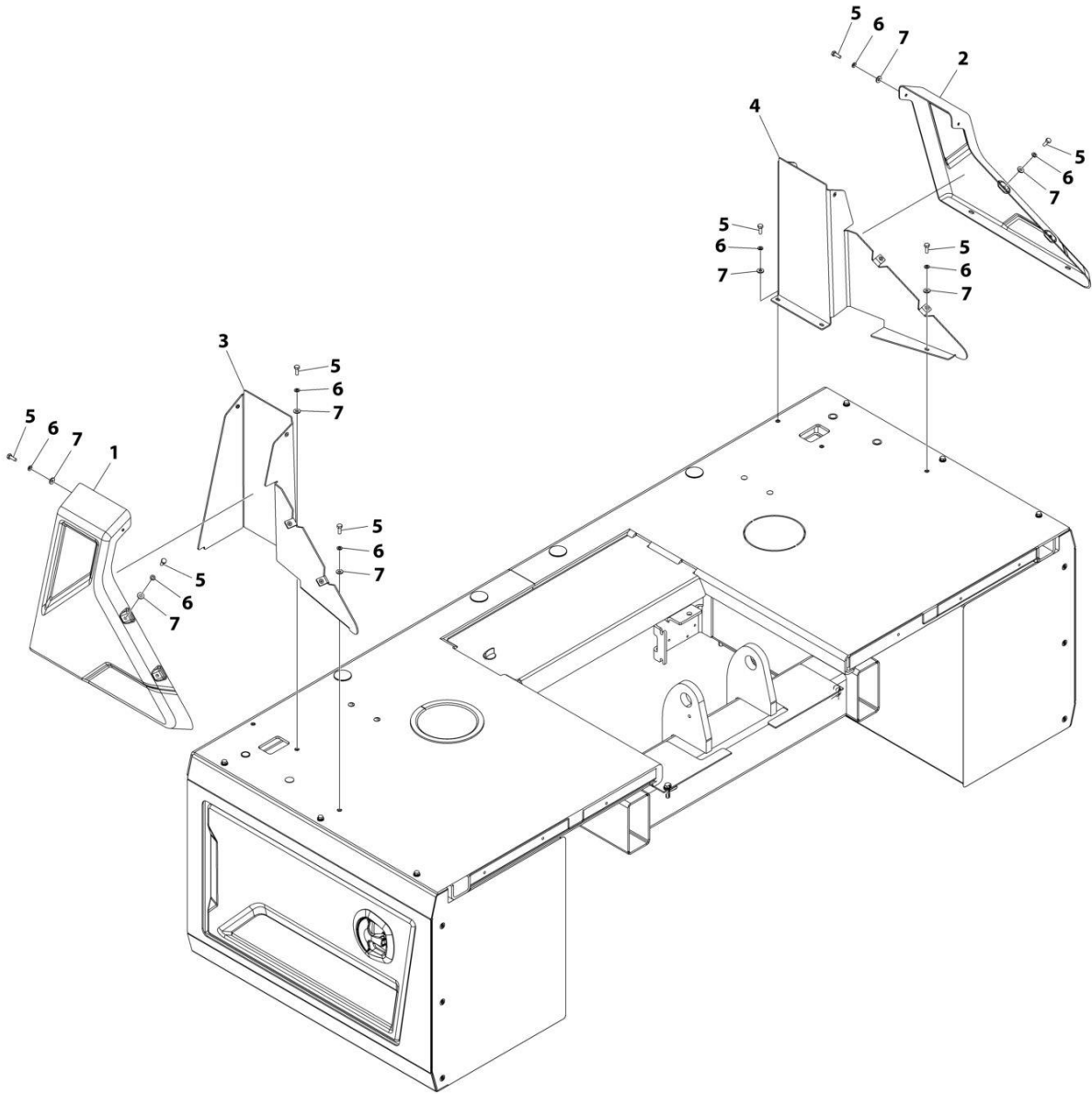
SECTION 4 - BODY

FIGURE 4-3. BODY COVERS RAILS INSTALLATION (TUNNEL MOUNTED PYLON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001301574	Ref	BODY COVERS RAILS INSTALLATION	A
1	1001294150	1	Cover, LH	
2	1001294151	1	Cover, RH	
3	1001295697	1	Panel, LH	
4	1001295699	1	Panel, RH	
5	7114140650	14	Bolt 1/4 x 3/4	
6	7950140003	14	Washer 1/4	
7	7950140143	14	Washer 1/4	

SECTION 4 - BODY

FIGURE 4-4. BODY COVERS NO RAILS INSTALLATION (TUNNEL MOUNTED PYLON)



ART_1001301576

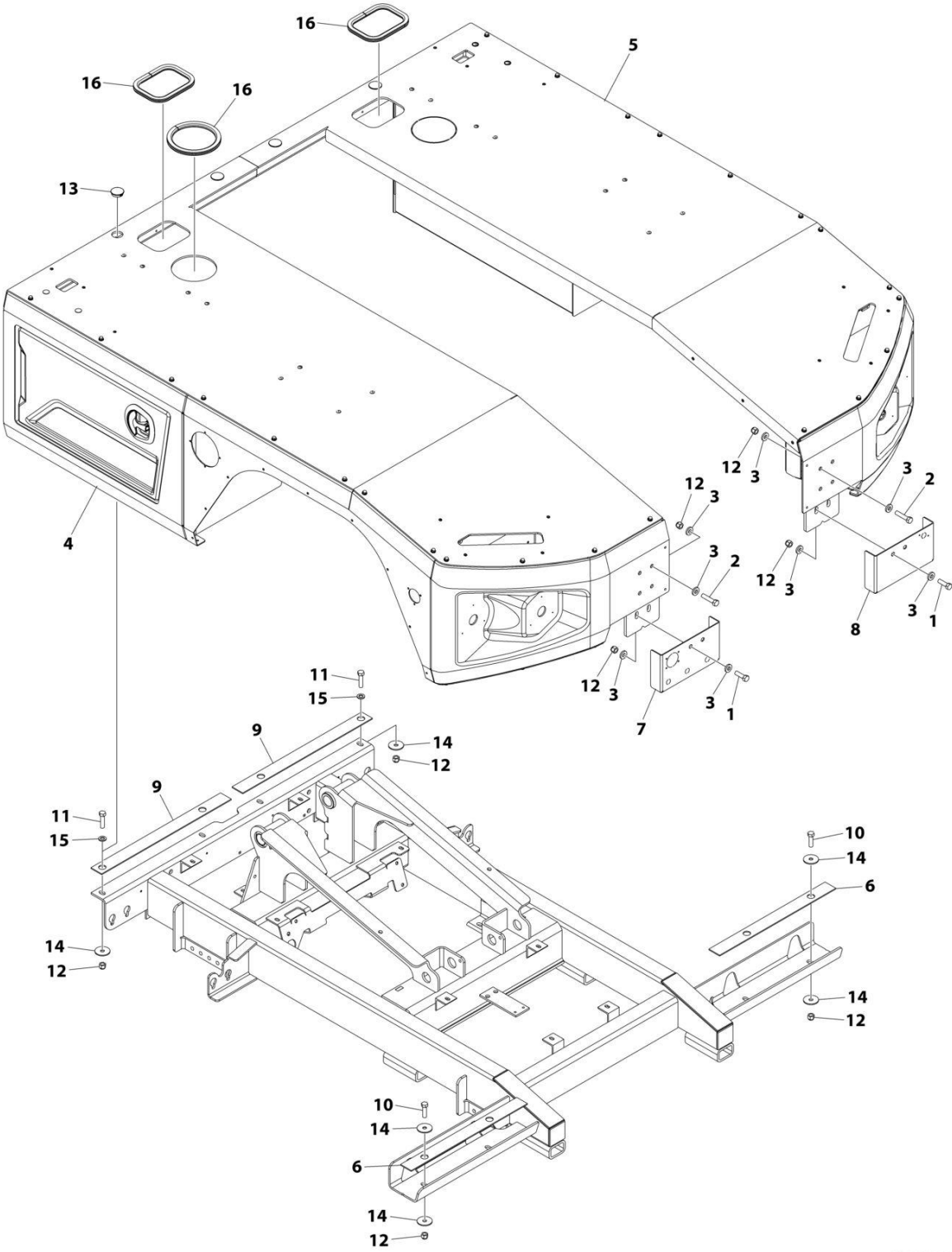
SECTION 4 - BODY

FIGURE 4-4. BODY COVERS NO RAILS INSTALLATION (TUNNEL MOUNTED PYLON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001301576	Ref	BODY COVERS NO RAILS INSTALLATION	A
1	1001294148	1	Cover, LH	
2	1001294149	1	Cover, RH	
3	1001295697	1	Panel, LH	
4	1001295699	1	Panel, RH	
5	7114140650	14	Bolt 1/4 x 3/4	
6	7950140003	14	Washer 1/4	
7	7950140143	14	Washer 1/4	

SECTION 4 - BODY

FIGURE 4-5. BODY INSTALLATION



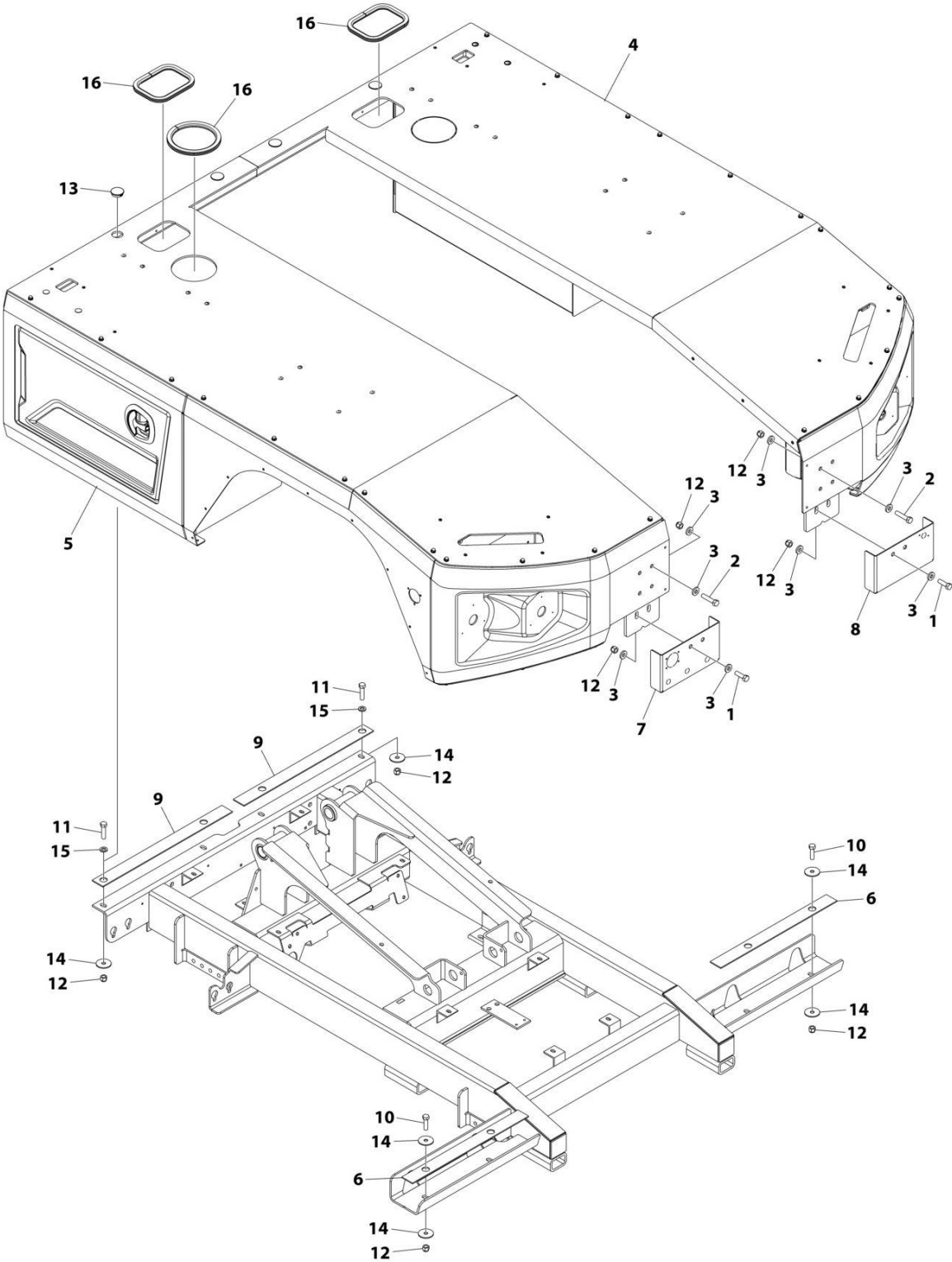
ART_1001291602

FIGURE 4-5. BODY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291602	Ref	BODY INSTALLATION	A
1	0641813	4	Bolt 1/2 x 1-5/8	
2	0641818	8	Bolt 1/2 x 2-1/4	
3	4891800	24	Washer 1/2	
4	1001291603	1	Deck Side Panel Assembly - LH (See Separate Breakdown in this Section)	
5	1001291611	1	Deck Side Panel Assembly - RH (See Separate Breakdown in this Section)	
6	1001299045	2	Pad	
7	1001300989	1	Panel, LH	
8	1001300990	1	Panel, RH	
9	4090000011	2	Belt	
10	7115181450	4	Bolt 1/2 x 1-3/4	
11	7115181650	4	Bolt 1/2 x 2	
12	7660182601	20	Nut 1/2	
13	7701000063	4	Plug	
14	7949000015	12	Washer	
15	7950180153	4	Washer 1/2	
16	8632000002	AR	Trim	

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FIGURE 4-6. BODY INSTALLATION - NO FUEL FILLER



ART_1001297202

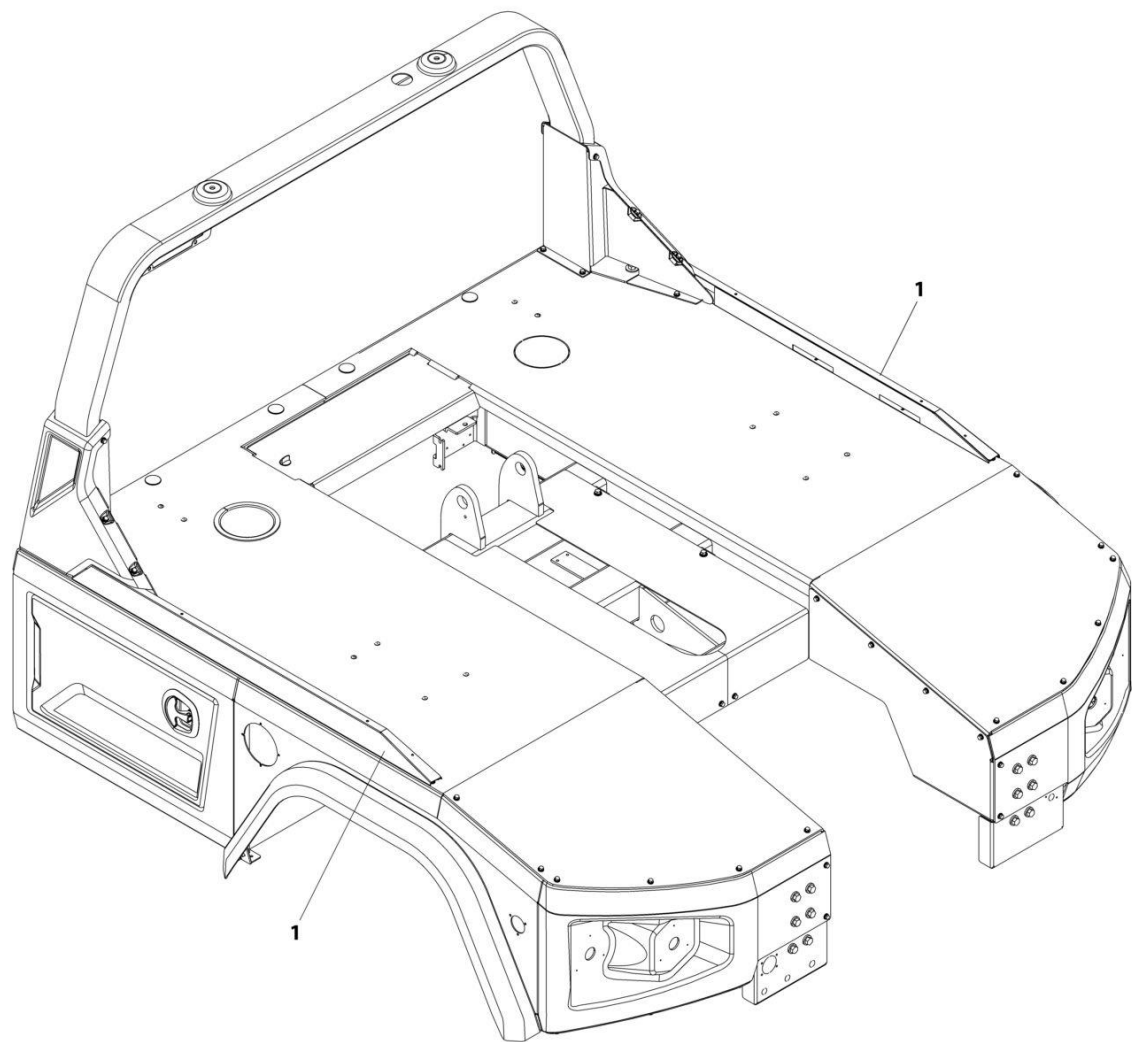
SECTION 4 - BODY

FIGURE 4-6. BODY INSTALLATION - NO FUEL FILLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297202	Ref	BODY INSTALLATION - NO FUEL FILLER	A
1	0641813	4	Bolt 1/2 x 1-5/8	
2	0641818	8	Bolt 1/2 x 2-1/4	
3	4891800	24	Washer 1/2	
4	1001291611	1	Deck Side Panel Assembly - RH (See Separate Breakdown in this Section)	
5	1001297203	1	Deck Side Panel Assembly - LH (No Fuel Filler) (See Separate Breakdown in this Section)	
6	1001299045	2	Pad	
7	1001300989	1	Panel, LH	
8	1001300990	1	Panel, RH	
9	4090000011	2	Belt	
10	7115181450	4	Bolt 1/2 x 1-3/4	
11	7115181650	4	Bolt 1/2 x 2	
12	7660182601	20	Nut 1/2	
13	7701000063	4	Plug	
14	7949000015	12	Washer	
15	7950180153	4	Washer 1/2	
16	8632000002	AR	Trim	

SECTION 4 - BODY

FIGURE 4-7. DECK RAILS INSTALLATION - COVERS



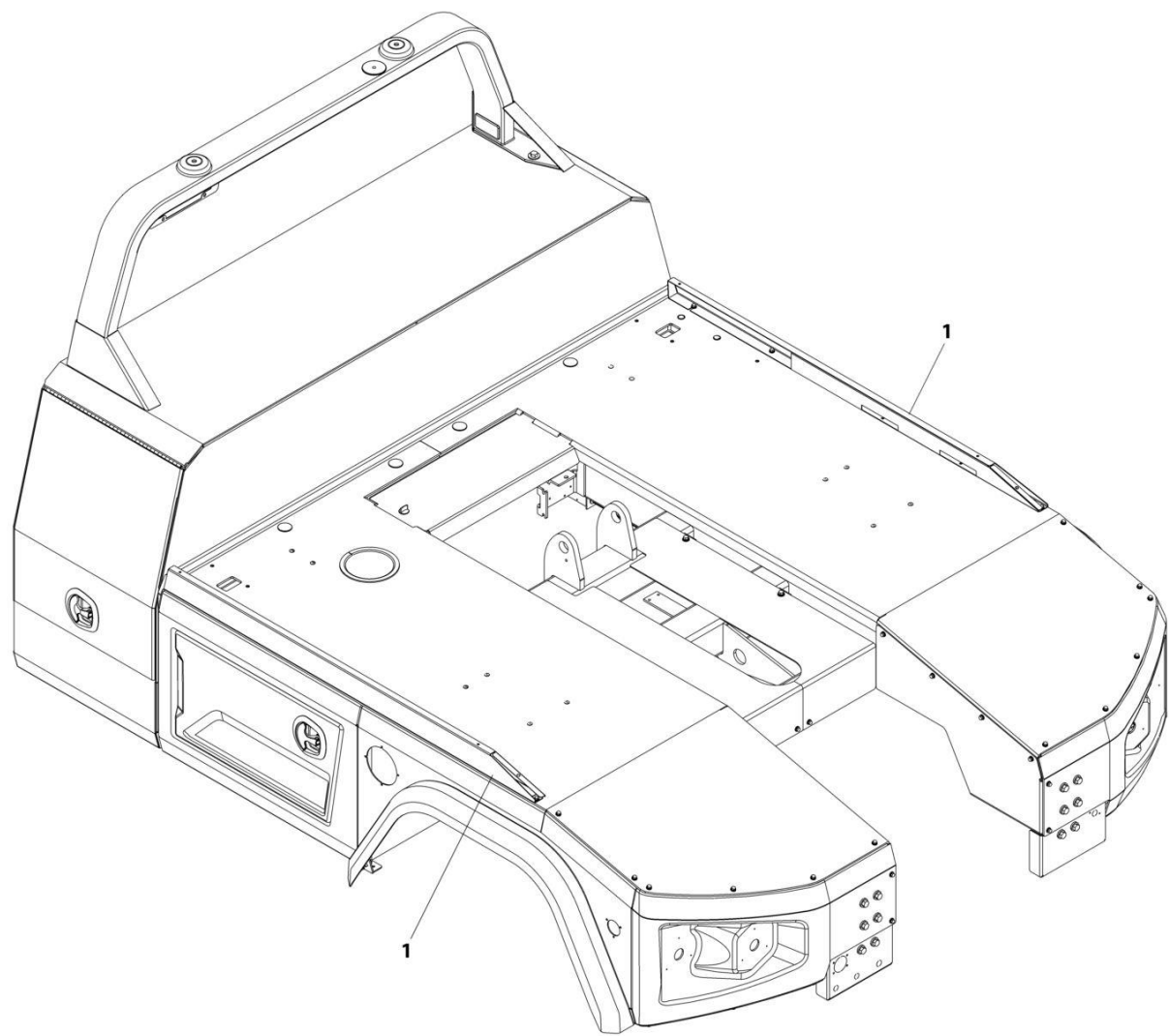
ART_1001301578

FIGURE 4-7. DECK RAILS INSTALLATION - COVERS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001301578 1001302054	Ref 1	DECK RAILS INSTALLATION Rail, Deck	A

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FIGURE 4-8. DECK RAILS INSTALLATION - NO COVERS



ART_1001301579

FIGURE 4-8. DECK RAILS INSTALLATION - NO COVERS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001301579 1001302055	Ref 1	DECK RAILS INSTALLATION Rail, Deck	A

120

MPL60_SD_Wrecker



ART_1001291603

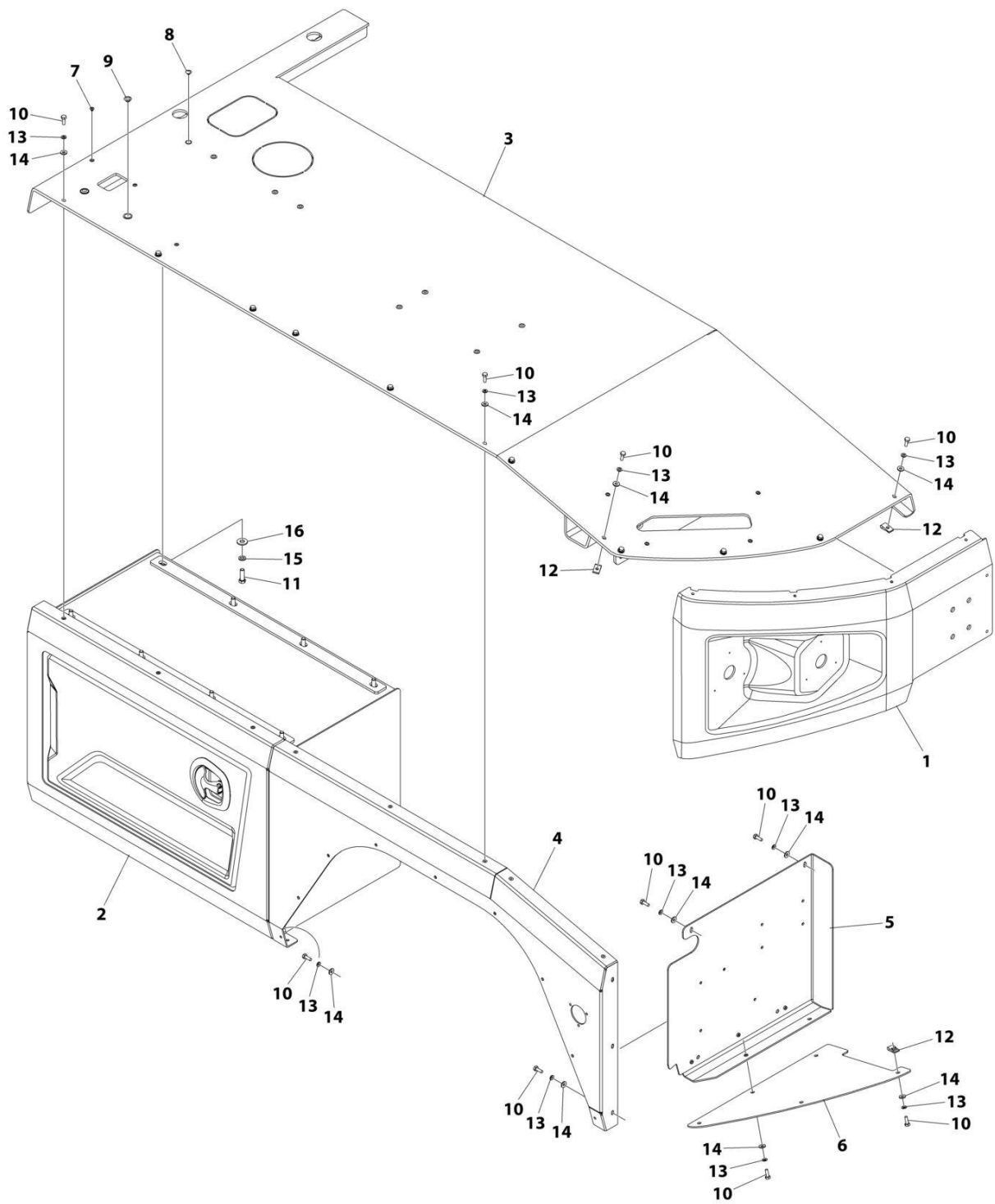
SECTION 4 - BODY

FIGURE 4-9. DECK SIDE PANEL ASSEMBLY - LH (FUEL FILLER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291603	Ref	DECK SIDE PANEL ASSEMBLY - LH	A
1	1001291505	1	Panel, LH	
2	1001291506	1	Panel, LH	
3	1001291507	1	Box, LH	
4	1001291604	1	Deck, LH	
5	1001298346	1	Mount, LH	
6	1001298350	1	Plate	
7	1001301604	3	Plug 1/4	
8	1001301605	8	Plug 3/8	
9	1001301606	2	Plug 1/2	
10	7114140650	25	Bolt 1/4 x 3/4	
11	7115161050	8	Bolt 3/8 x 1-1/4	
12	7661000064	7	U-Nut 1/4	
13	7950140003	25	Washer 1/4	
14	7950140143	25	Washer 1/4	
15	7950160000	8	Washer 3/8	
16	7950160161	8	Washer 3/8	

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FIGURE 4-10. DECK SIDE PANEL ASSEMBLY - LH (NO FUEL FILLER)



ART_1001297203

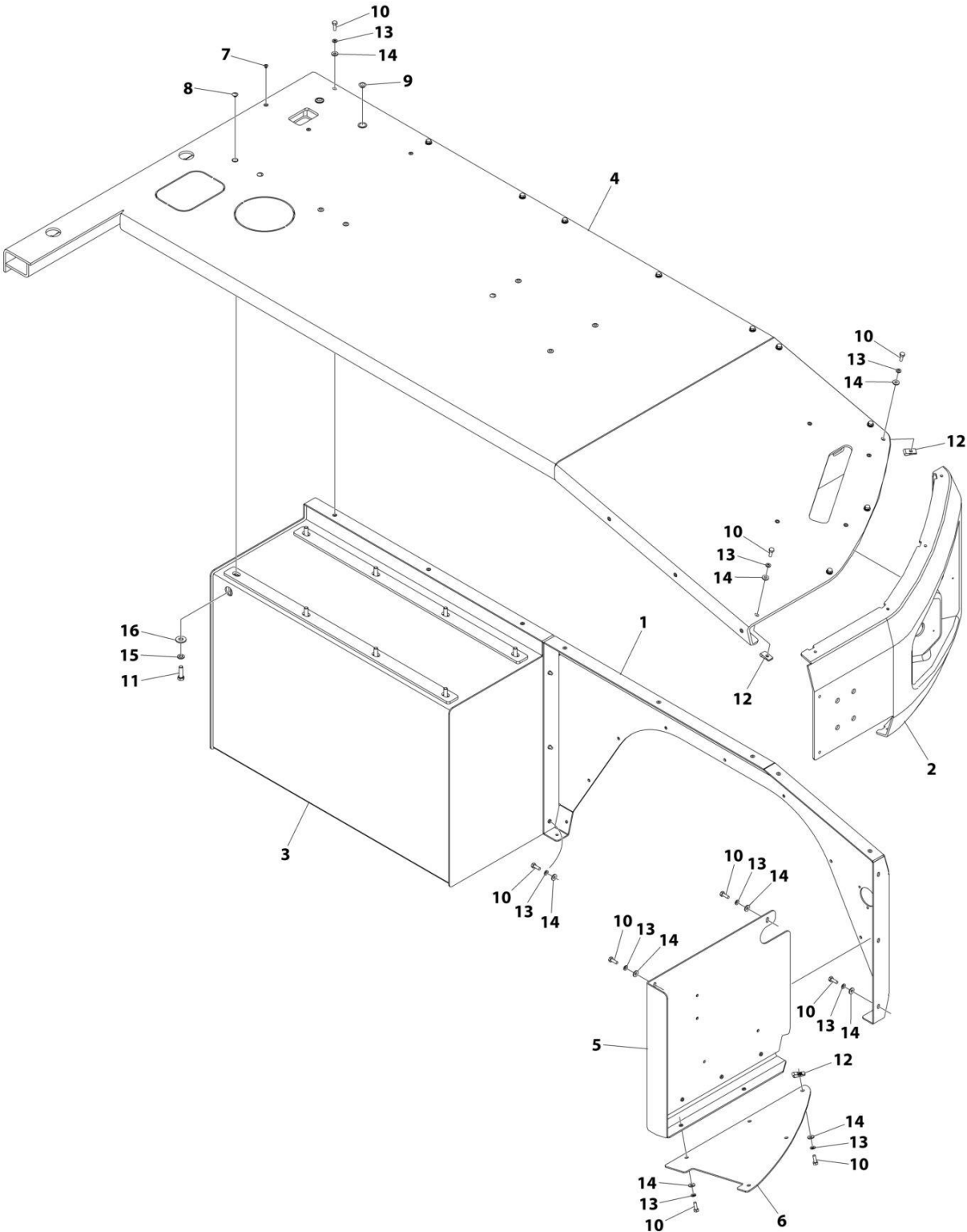
SECTION 4 - BODY

FIGURE 4-10. DECK SIDE PANEL ASSEMBLY - LH (NO FUEL FILLER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297203	Ref	DECK SIDE PANEL ASSEMBLY - LH (NO FUEL FILLER)	A
1	1001291506	1	Panel, LH	
2	1001291507	1	Box, LH	
3	1001291604	1	Deck, LH	
4	1001297205	1	Panel, LH	
5	1001298346	1	Mount, LH	
6	1001298350	1	Plate	
7	1001301604	3	Plug 1/4	
8	1001301605	8	Plug 3/8	
9	1001301606	2	Plug 1/2	
10	7114140650	25	Bolt 1/4 x 3/4	
11	7115161050	8	Bolt 3/8 x 1-1/4	
12	7661000064	7	U-Nut 1/4	
13	7950140003	25	Washer 1/4	
14	7950140143	25	Washer 1/4	
15	7950160000	8	Washer 3/8	
16	7950160161	8	Washer 3/8	

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FIGURE 4-11. DECK SIDE PANEL ASSEMBLY - RH



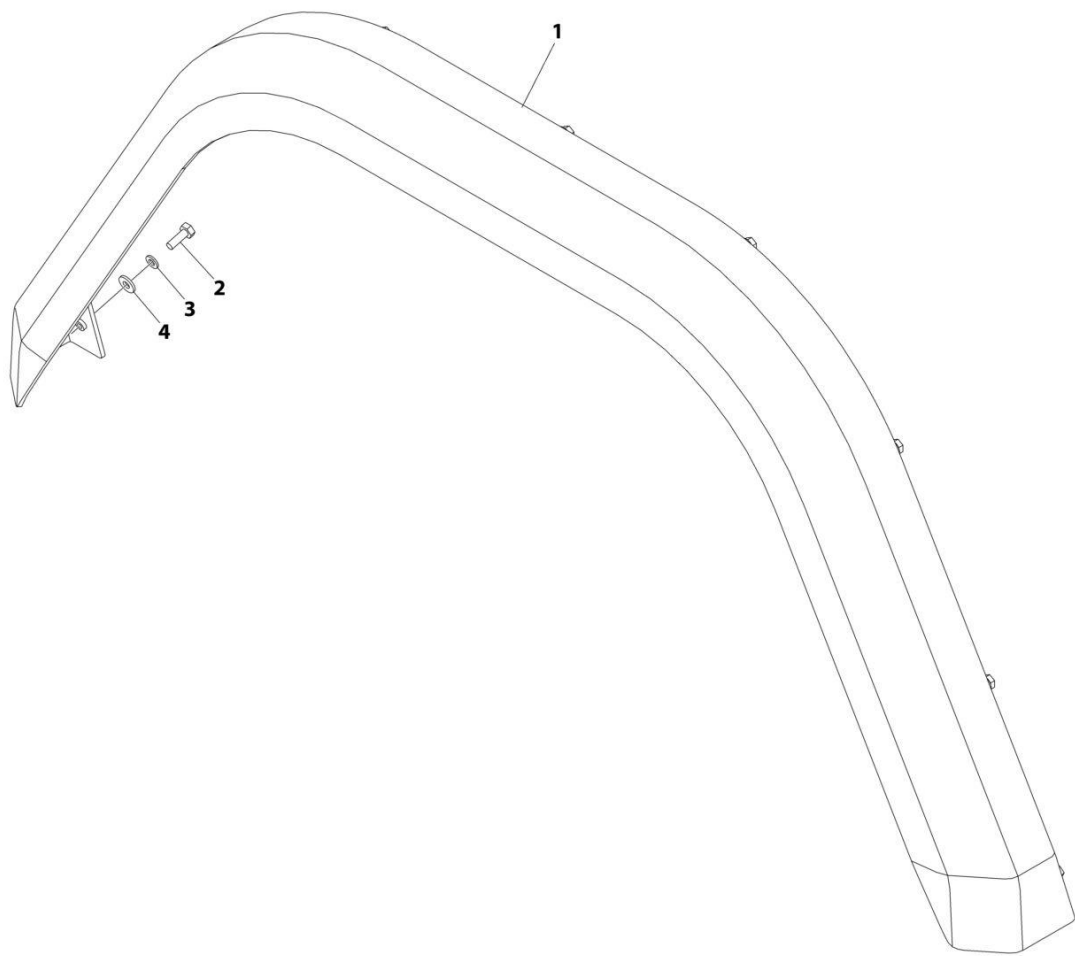
ART_1001291611

FIGURE 4-11. DECK SIDE PANEL ASSEMBLY - RH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291611	Ref	DECK SIDE PANEL ASSEMBLY - RH	A
1	1001291513	1	Panel, RH	
2	1001291514	1	Panel, RH	
3	1001291515	1	Box, RH	
4	1001291612	1	Deck, RH	
5	1001298348	1	Mount, RH	
6	1001298350	1	Plate	
7	1001301604	3	Plug 1/4	
8	1001301605	8	Plug 3/8	
9	1001301606	2	Plug 1/2	
10	7114140650	25	Bolt 1/4 x 3/4	
11	7115161050	8	Bolt 3/8 x 1-1/4	
12	7661000064	7	U-Nut 1/4	
13	7950140003	25	Washer 1/4	
14	7950140143	25	Washer 1/4	
15	7950160000	8	Washer 3/8	
16	7950160161	8	Washer 3/8	

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FIGURE 4-12. FENDER FLARE INSTALLATION



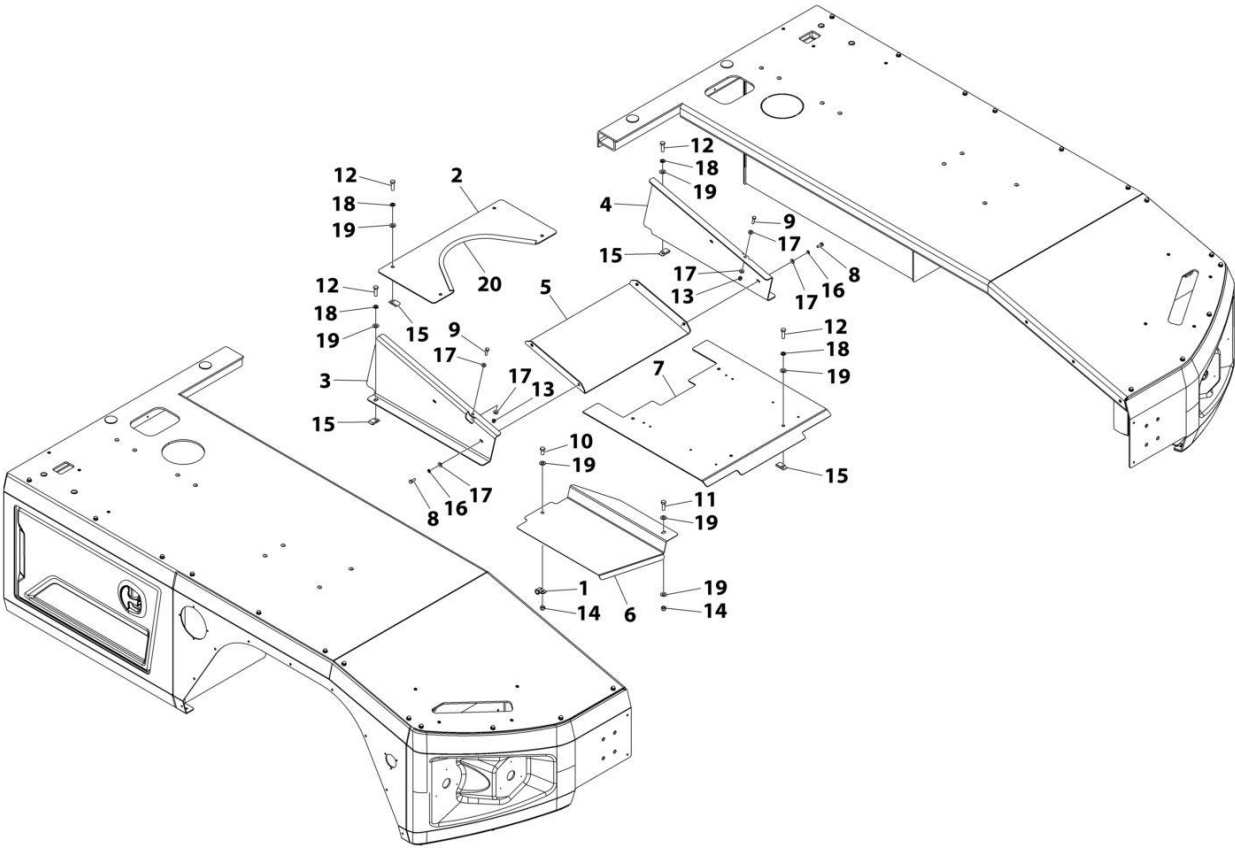
ART_1001291641

FIGURE 4-12. FENDER FLARE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291641	Ref	FENDER FLARE INSTALLATION	A
1	1001291680	2	Fender	
2	7115140650	18	Bolt 1/4 x 3/4	
3	7950140003	18	Washer 1/4	
4	7950140143	18	Washer 1/4	

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FIGURE 4-13. MID DECK COVER PLATES INSTALLATION



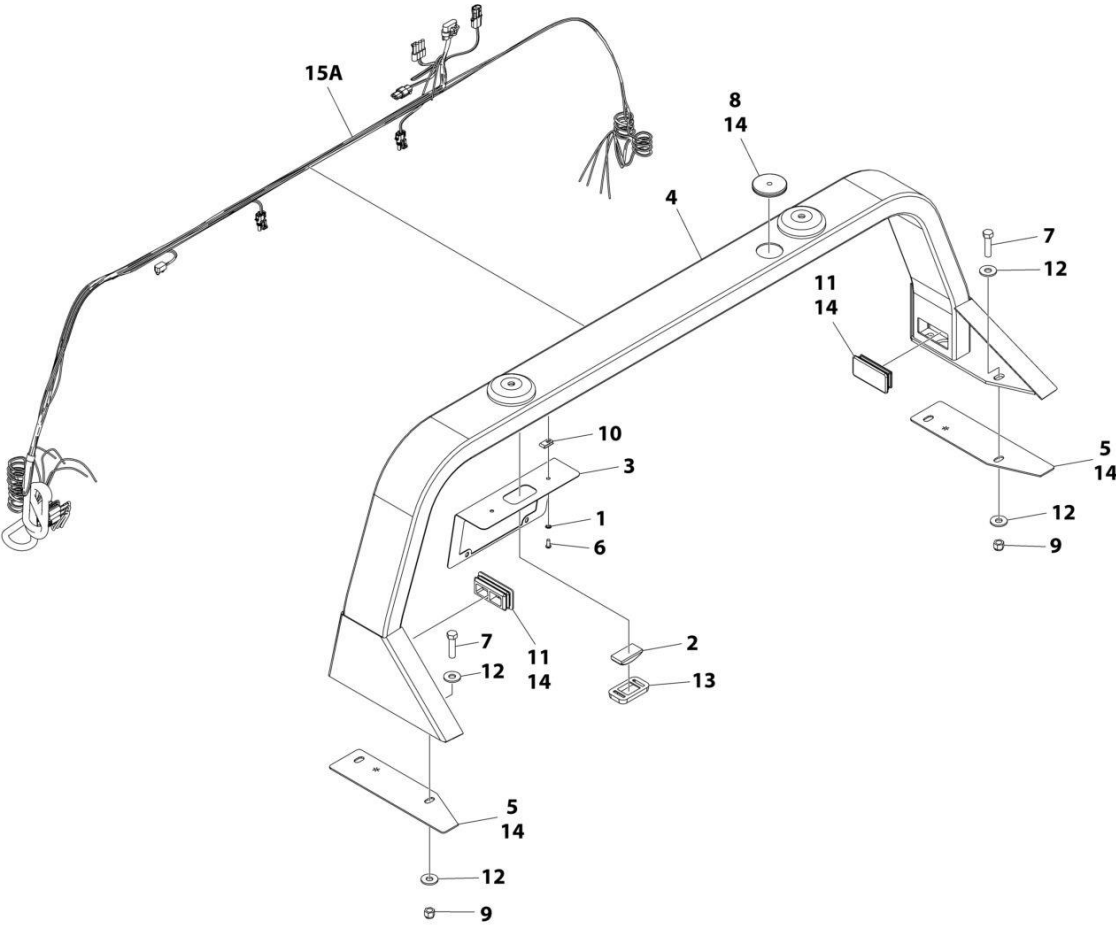
ART_1001301463

FIGURE 4-13. MID DECK COVER PLATES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001301463	Ref	MID DECK COVER PLATES INSTALLATION	A
1	85941016	1	Clamp	
2	1001301464	1	Plate (Front)	
3	1001301465	1	Plate (LH)	
4	1001301466	1	Plate (RH)	
5	1001301467	1	Panel (Center)	
6	1001301469	1	Plate (Center)	
7	1001301470	1	Plate (Rear)	
8	7114140650	4	Bolt 1/4 x 3/4	
9	7114140850	2	Capscrew 1/4 x 1	
10	7115160650	1	Bolt 3/8 x 3/4	
11	7115160950	1	Bolt 3/8 x 1-1/8	
12	7115161050	10	Bolt 3/8 x 1-1/4	
13	7660142601	2	Nut 1/4	
14	7660162601	2	Nut 3/8	
15	7661000029	10	Nut	
16	7950140003	4	Washer 1/4	
17	7950140143	8	Washer 1/4	
18	7950160000	10	Washer 3/8	
19	7950160143	13	Washer 3/8	
20	8632000012	2 ft	Trim Lock	

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FIGURE 4-14. PYLON INSTALLATION - LOW CAB



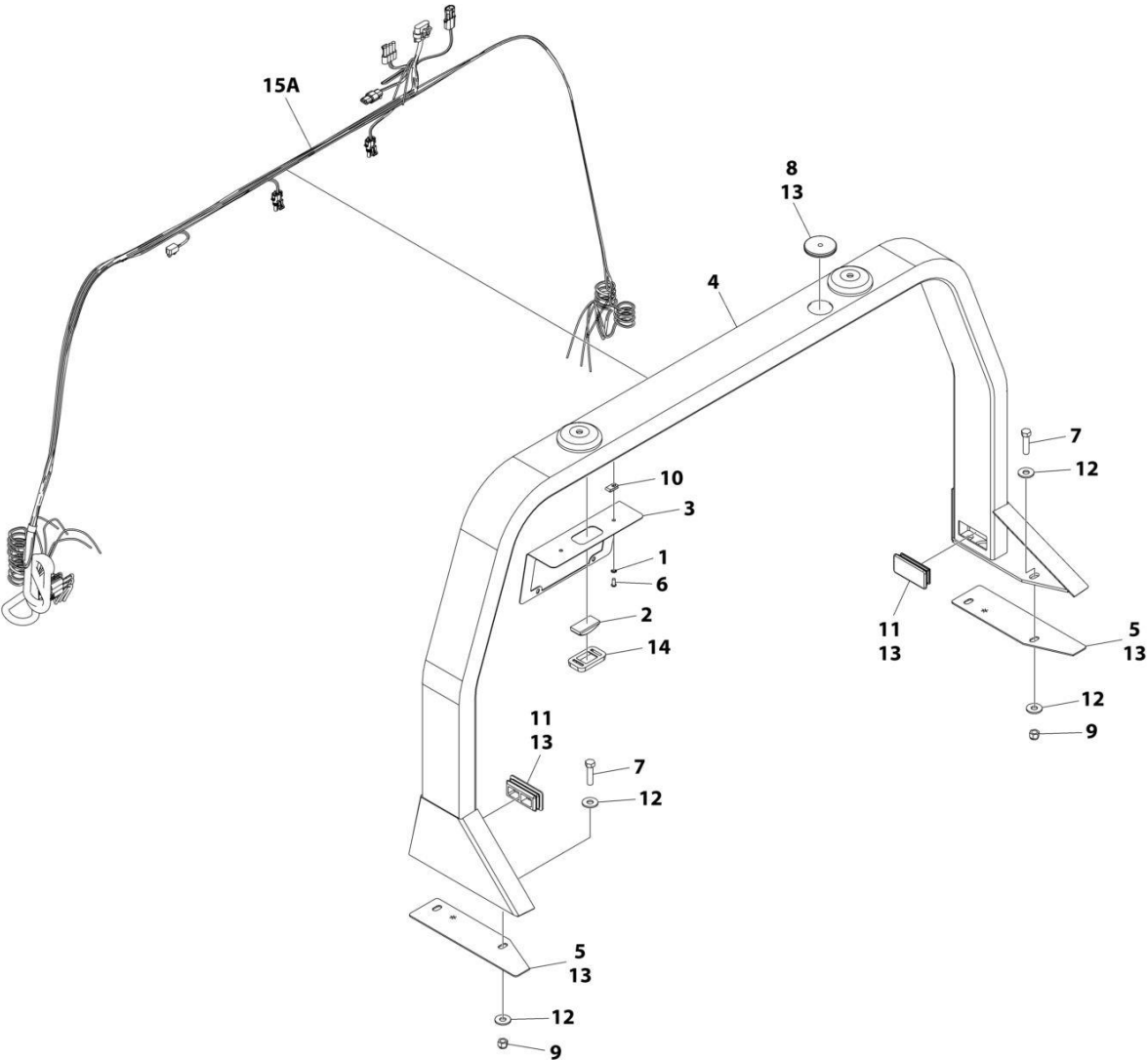
ART_1001294077

FIGURE 4-14. PYLON INSTALLATION - LOW CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001294077	Ref	PYLON INSTALLATION - LOW CAB	B
1	1001143686	2	Washer 1/4	
2	1001142771	1	Light, Clear LED	
3	1001249938	1	Bracket, License Plate	
4	1001294075	1	Support	
5	1001294282	1	Seal	
6	7114140518	2	Capscrew 1/4 x 5/8	
7	7115181650	4	Bolt 1/2 x 2	
8	7493000016	1	Grommet	
9	7660182601	4	Nut 1/2	
10	7661000019	2	U-Nut 1/4	
11	7701000051	2	Plug	
12	7950180161	8	Washer 1/2	
13	7493000010	1	Grommet	
14	8798820001	AR	Sealant	
15	1001299584	1	Pylon Electrical Installation (Not Shown)	
15A	1001299519	1	Pylon Harness (See Separate Breakdown in ELECTRICAL Section)	
15B	7894000004	4	Tie-Strap (Not Shown)	

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FIGURE 4-15. PYLON INSTALLATION - HIGH CAB



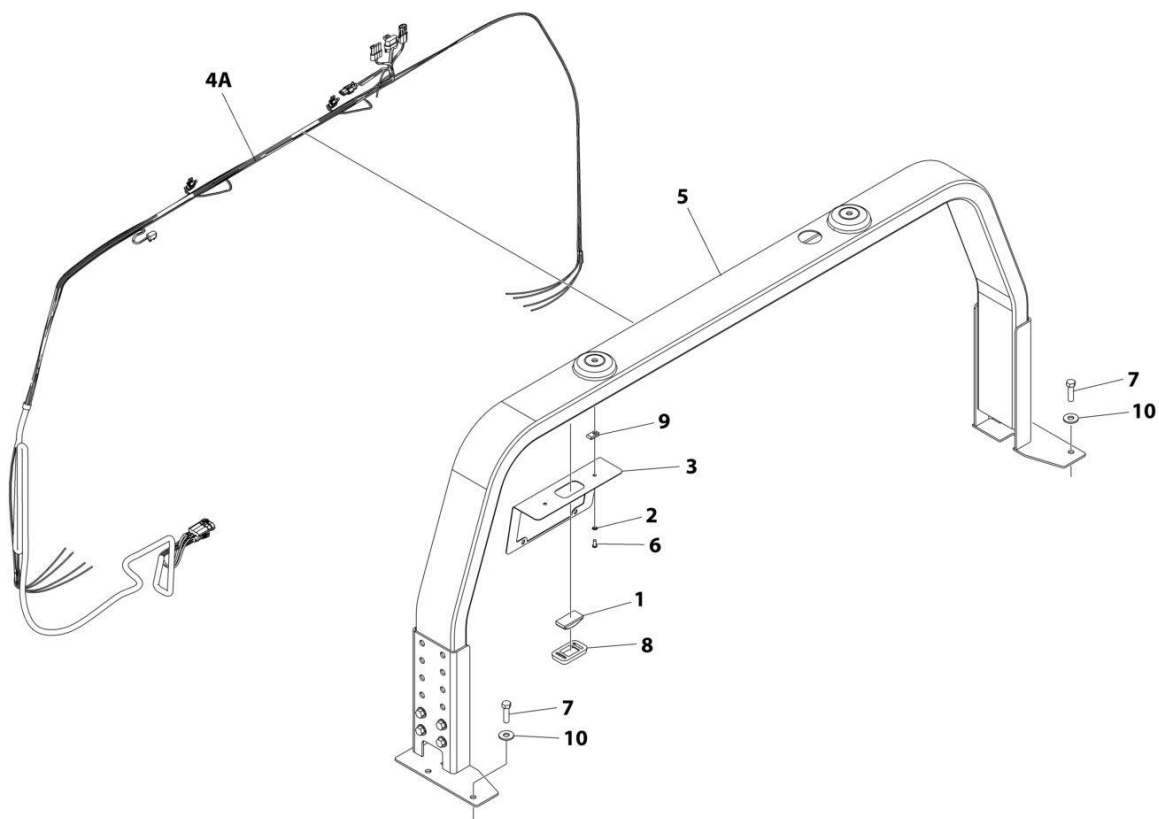
ART_1001294078

FIGURE 4-15. PYLON INSTALLATION - HIGH CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001294078	Ref	PYLON INSTALLATION - HIGH CAB	B
1	1001143686	2	Washer 1/4	
2	1001142771	1	Light, Clear LED	
3	1001249938	1	Bracket, License Plate	
4	1001294076	1	Support	
5	1001294282	1	Seal	
6	7114140518	2	Capscrew 1/4 x 5/8	
7	7115181650	4	Bolt 1/2 x 2	
8	7493000016	1	Grommet	
9	7660182601	4	Nut 1/2	
10	7661000019	2	U-Nut 1/4	
11	7701000051	2	Plug	
12	7950180161	8	Washer 1/2	
13	8798820001	AR	Sealant	
14	7493000010	1	Grommet	
15	1001299584	1	Pylon Electrical Installation (Not Shown)	
15A	1001299519	1	Pylon Harness (See Separate Breakdown in ELECTRICAL Section)	
15B	7894000004	4	Tie-Strap (Not Shown)	

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FIGURE 4-16. PYLON INSTALLATION - ADJUSTABLE



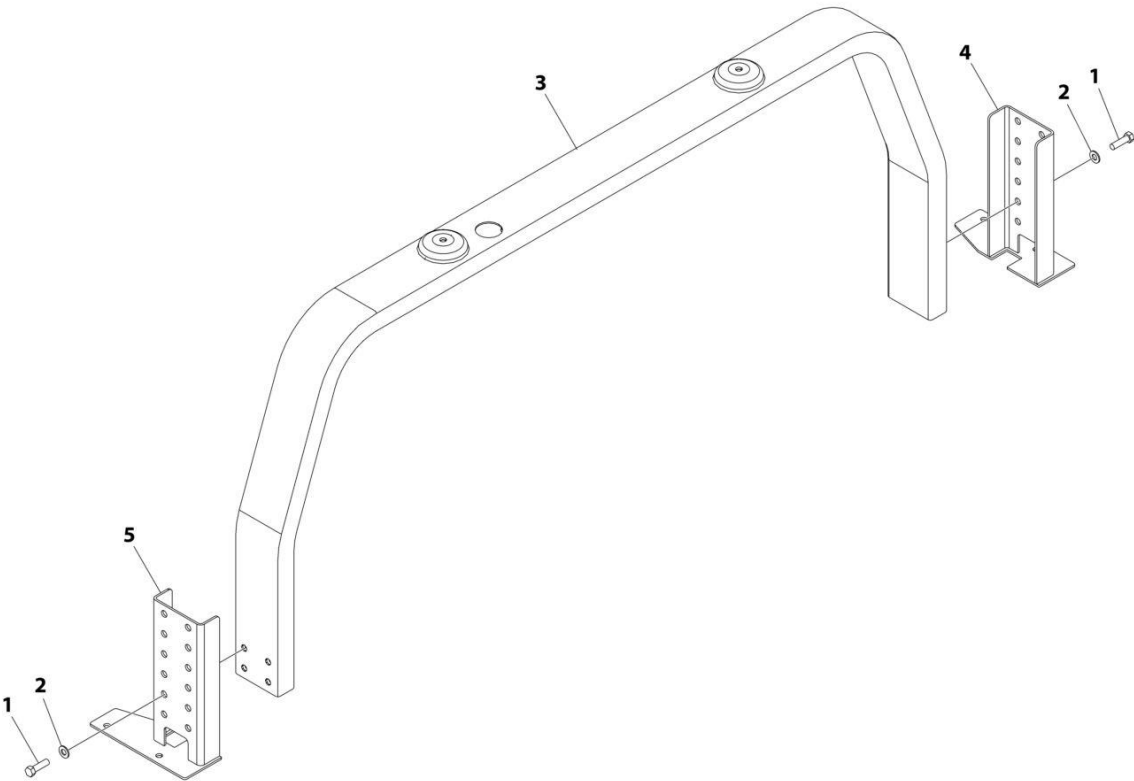
ART_1001291650

FIGURE 4-16. PYLON INSTALLATION - ADJUSTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291650	Ref	PYLON INSTALLATION - ADJUSTABLE	A
1	1001142771	1	Light, Clear LED	
2	1001143686	2	Washer 1/4	
3	1001249938	1	Bracket, License Plate	
4	1001291368	1	Pylon Electrical Installation (Not Shown)	
4A	1001291067	1	Headboard Harness (See Separate Breakdown in ELECTRICAL Section)	
4B	7894000004	3	Tie-Strap (Not Shown)	
4C	0100048	AR	Compound, Locking (Not Shown)	
5	1001297109	1	Pylon Hoops & Mounts Installation (See Separate Breakdown in this Section)	
6	7114140518	2	Capscrew 1/4 x 5/8	
7	7115181450	4	Bolt 1/2 x 1-3/4	
8	7493000010	1	Grommet	
9	7661000019	2	U-Nut 1/4	
10	7950180161	4	Washer 1/2	

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FIGURE 4-17. PYLON HOOPS & MOUNTS INSTALLATION



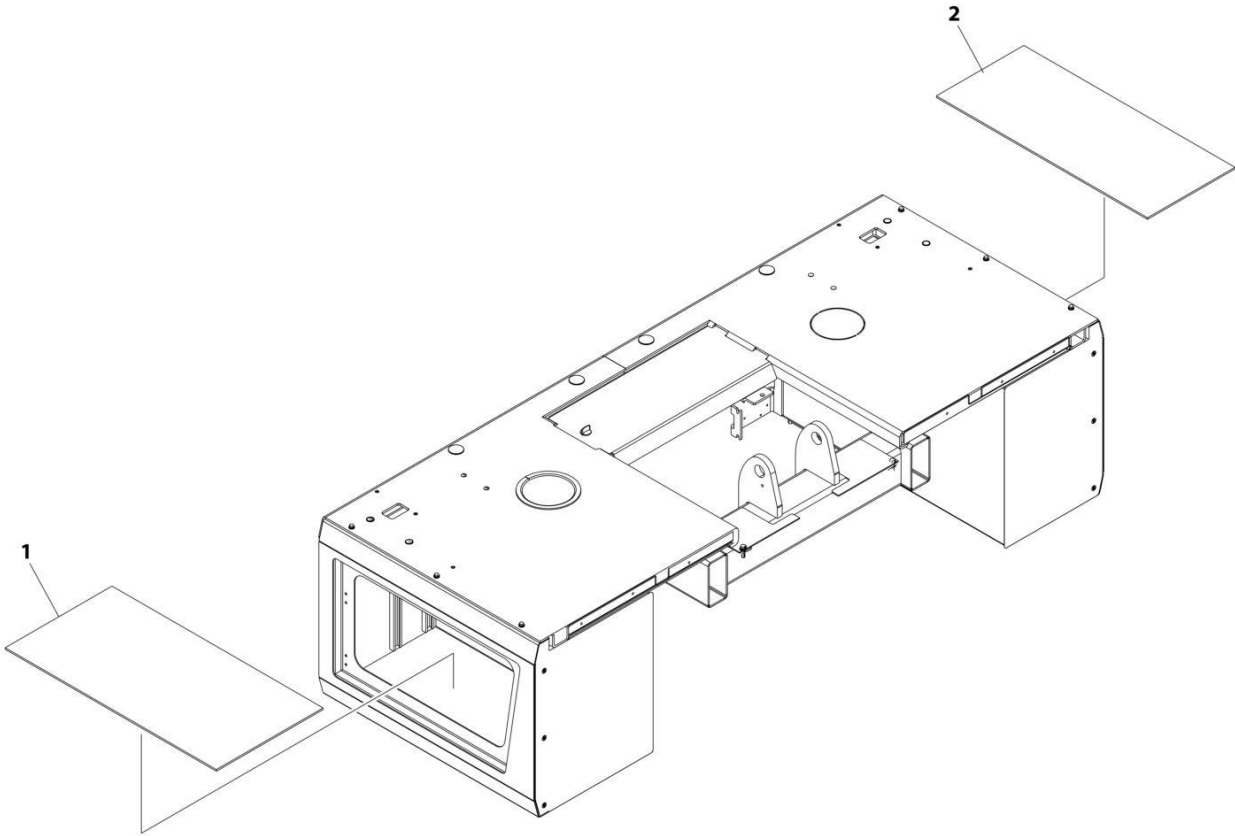
ART_1001297109

FIGURE 4-17. PYLON HOOPS & MOUNTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297109	Ref	PYLON HOOPS & MOUNTS INSTALLATION	A
1	0641814	8	Bolt 1/2 x 1-3/4	
2	4711800	8	Washer 1/2	
3	1001293466	1	Tube, Pylon	
4	1001295120	1	Mount, LH	
5	1001295121	1	Mount, RH	

SECTION 4 - BODY

FIGURE 4-18. TOOL BOX - FLOOR MATS INSTALLATION



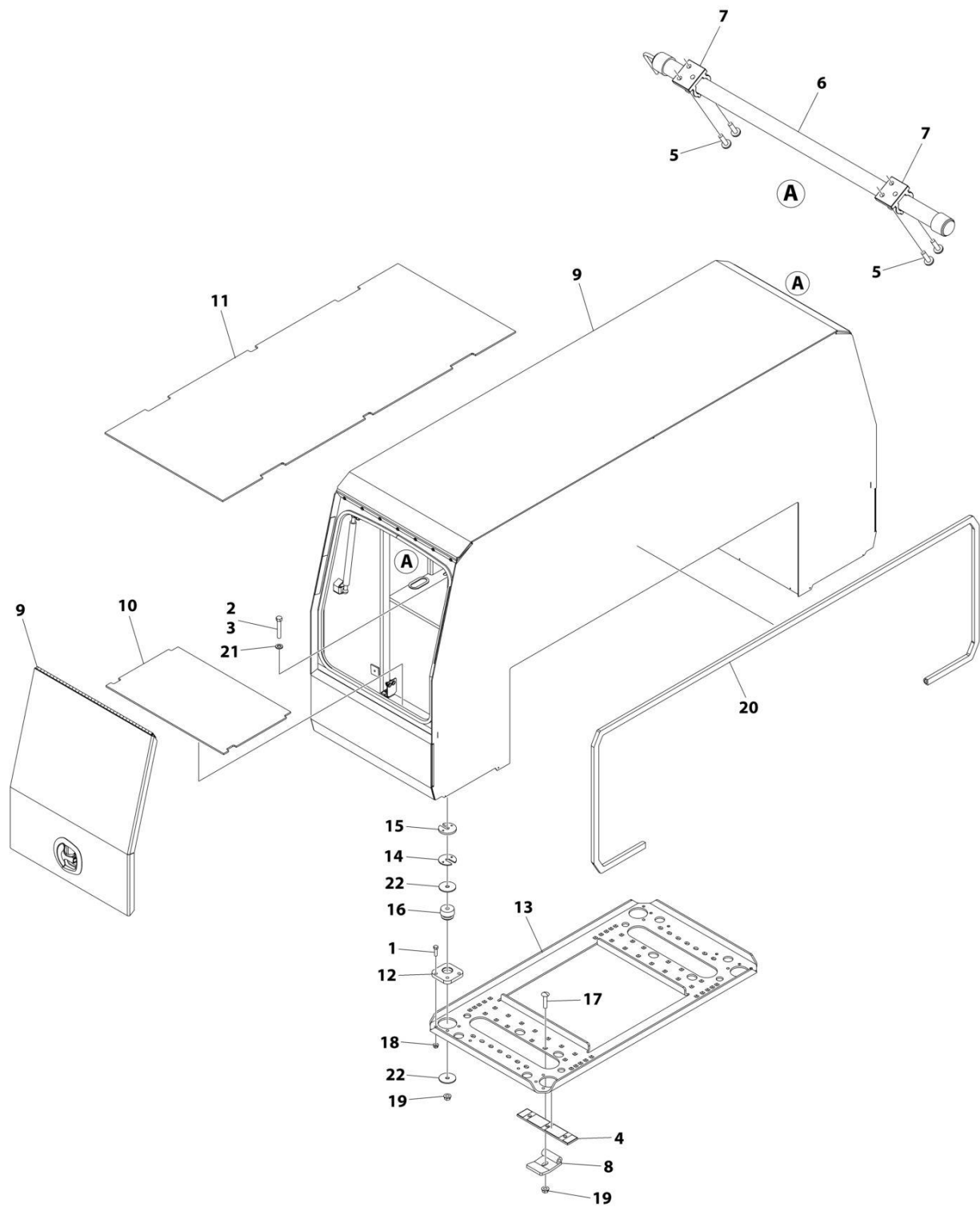
ART_1001297237

FIGURE 4-18. TOOL BOX - FLOOR MATS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297237	Ref	TOOL BOX - FLOOR MATS INSTALLATION	A
1	1001296519	1	Pad, LH	
2	1001296520	1	Pad, RH	

SECTION 4 - BODY

FIGURE 4-19. TUNNEL INSTALLATION



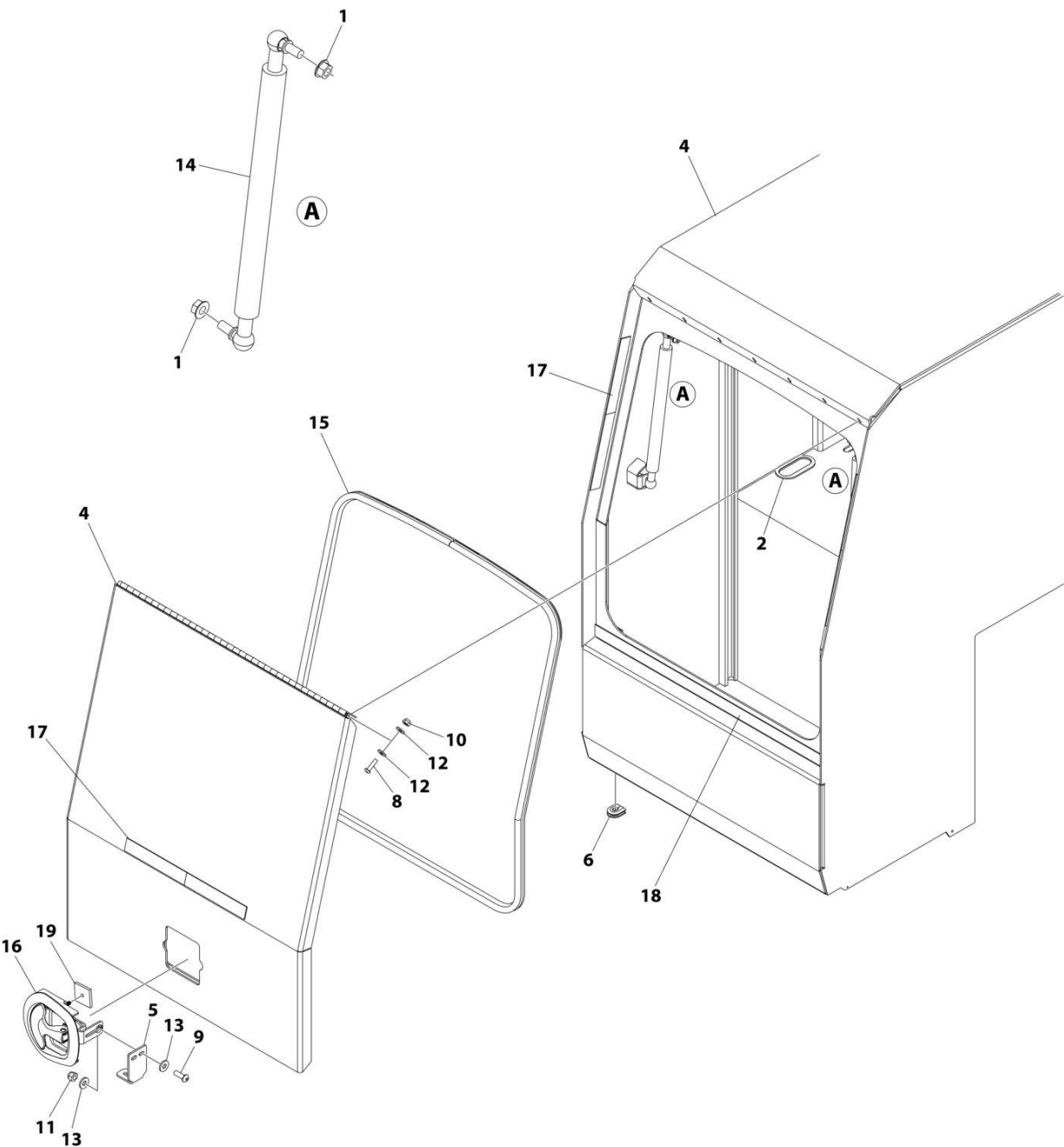
ART_1001293172

FIGURE 4-19. TUNNEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001293172	Ref	TUNNEL INSTALLATION - SINGLE	B
1	0641610	12	Bolt 3/8 x 1-1/4	
2	0641824	4	Bolt 1/2 x 3	
3	0641826	4	Bolt 1/2 x 3-1/4	
4	3340898	1	Pad	
5	1001154530	8	Screw #8 x 5/8	
6	1001189906	2	Lamp	
7	1001199081	4	Mount	
8	1001220359	4	Clamp	
9	1001293173	1	Tunnel Assembly (See Separate Breakdown in this Section)	
10	1001300166	2	Pad	
11	1001300167	1	Pad	
12	4706005869	4	Plate	
13	4636000041	1	Mount	
14	4812000107	4	Shim	
15	4812000108	4	Shim	
16	7636000005	4	Mount, Rubber	
17	7115181864	4	Bolt 1/2 x 2-14	
18	7660162301	12	Nut 3/8	
19	7660182301	8	Nut 1/2	
20	7796000078	12 ft/4 m	Gasket	
21	7950180153	4	Washer 1/2	
22	7949000013	8	Washer 2-3/8	

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FIGURE 4-20. TUNNEL ASSEMBLY - 24IN



ART_1001293173

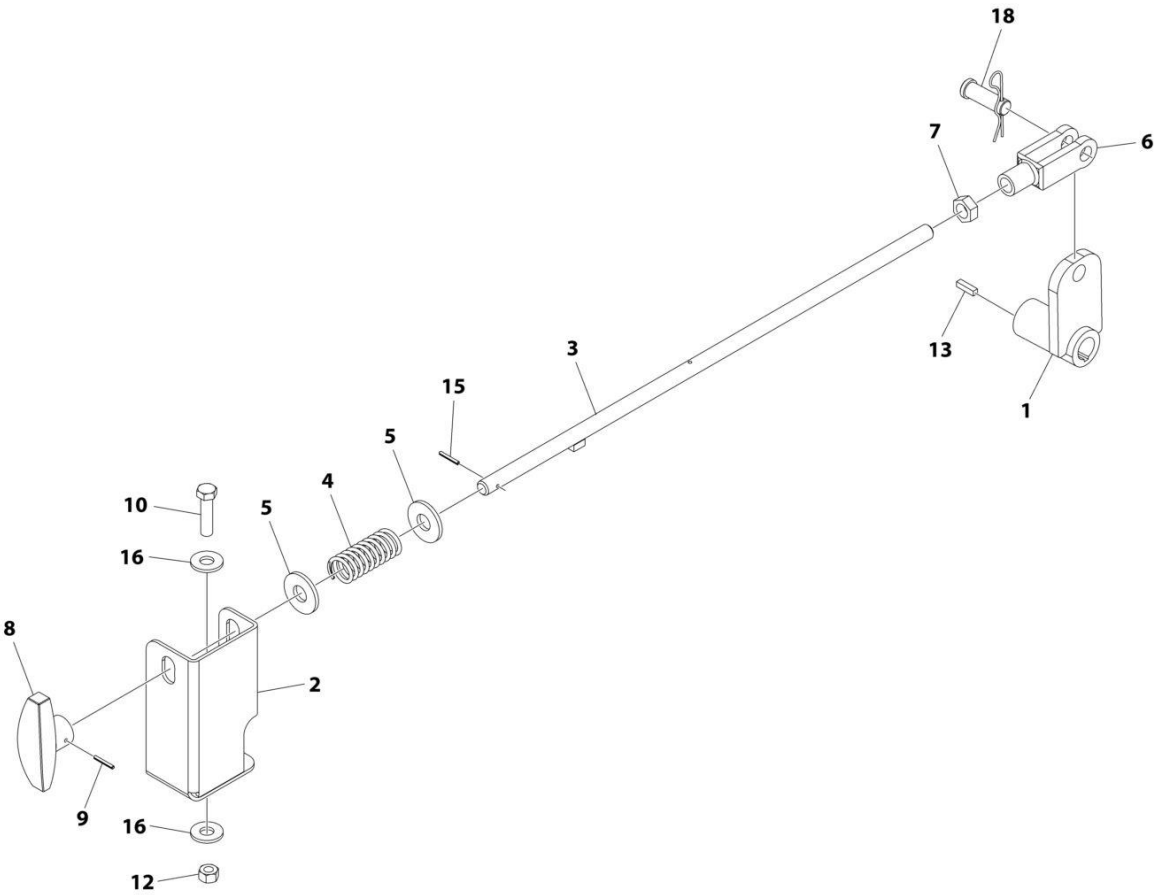
FIGURE 4-20. TUNNEL ASSEMBLY - 24IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001293173	Ref	TUNNEL ASSEMBLY - 24IN	B
1	3311508	8	Nut 5/16	
2	1001298632	1	Grommet	
4	1001293174	1	Box, Tunnel	
4	1001293214	1	Door	
5	1001293707	2	Support	
6	1001188590	2	Grommet	
8	7114100618	14	Capscrew #10 x 3/4	
9	7114140618	4	Capscrew 1/4 x 3/4	
10	7660102604	14	Nut #10	
11	7660142604	4	Nut 1/4	
12	7950100103	28	Washer #10	
13	7950140143	8	Washer 1/4	
14	1001297994	4	Spring, Gas	
15	1001293218	2	Seal	
16	1001294381	2	Latch, T-Handle	
17	4330000001	6	Decal - Red/White Reflective	
18	7330000428	2	Decal - Red/White Reflective	
19	4706005792	2	Bar	

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FIGURE 5-1. HANDLE LEVER INSTALLATION - LH (10000 LBS)



ART_2587000002

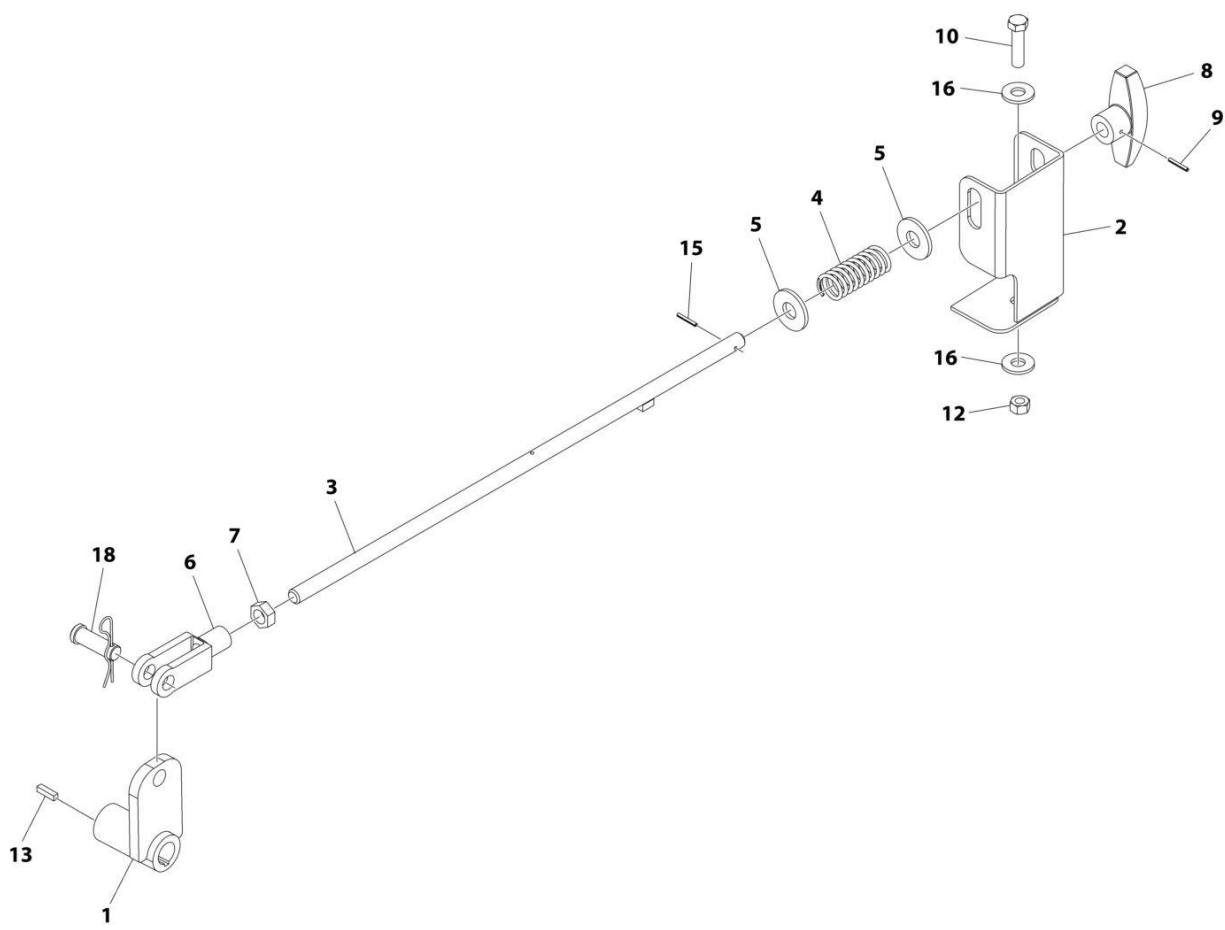
SECTION 5 - CONTROLS

FIGURE 5-1. HANDLE LEVER INSTALLATION - LH (10000 LBS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2587000002	Ref	HANDLE LEVER INSTALLATION	I
1	3587000007	1	Lever	
2	4178000166	1	Bracket	
3	3587000008	1	Handle	
4	7843000010	1	Spring	
5	7950180161	2	Washer 1/2	
6	7990000011	1	Yoke	
7	7660180030	1	Nut 1/2	
8	4551000005	1	T-Handle	
9	7690051641	1	Pin	
10	7115161250	1	Bolt 3/8 x 1-1/2	
12	7660160000	1	Nut 3/8	
13	4575060600	1	Key	
15	7690102041	1	Pin	
16	7950160162	2	Washer 3/8	
18	1001179025	1	Pin	

SECTION 5 - CONTROLS

FIGURE 5-2. HANDLE LEVER INSTALLATION - RH (10000 LBS)



ART_2587000001

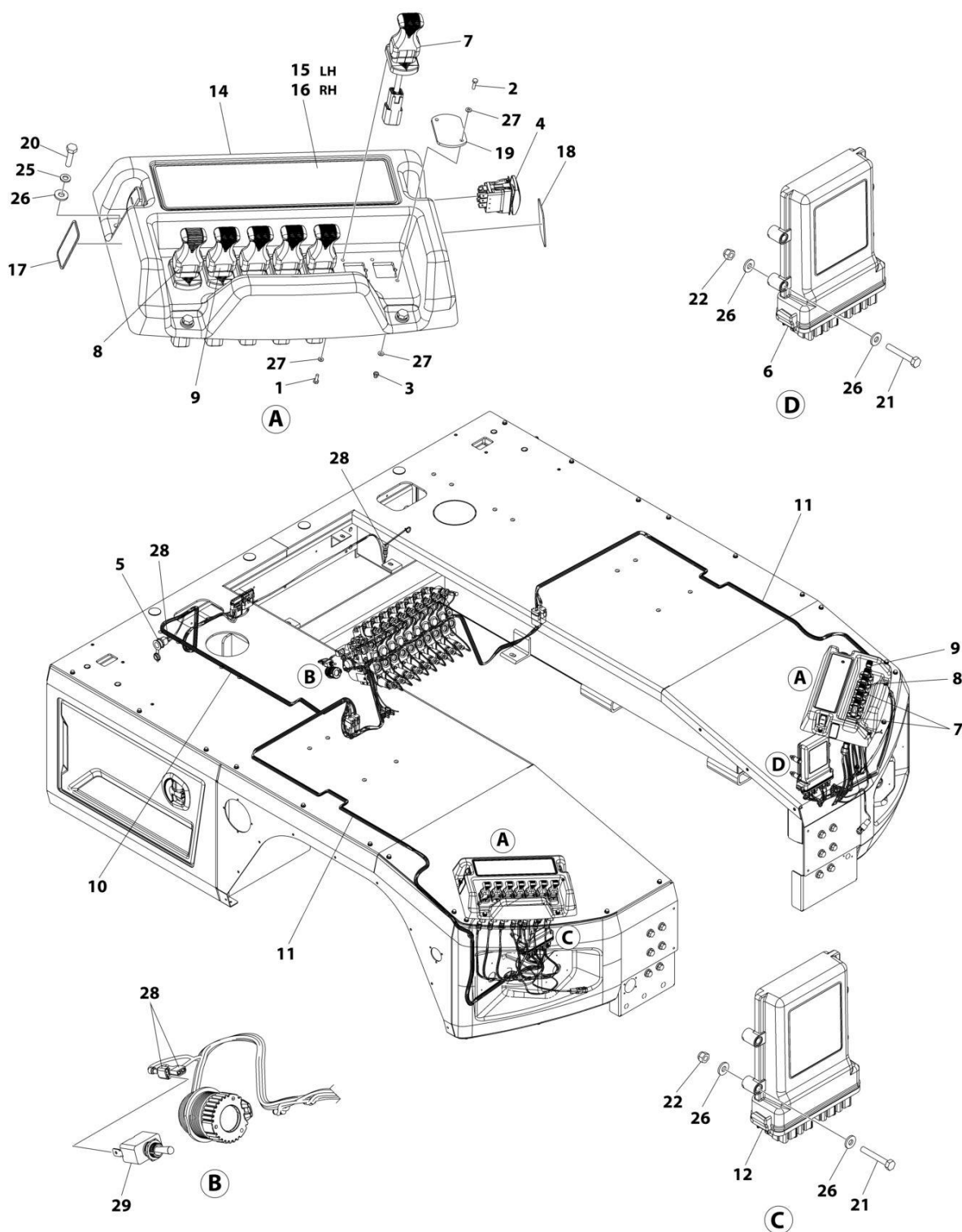
SECTION 5 - CONTROLS

FIGURE 5-2. HANDLE LEVER INSTALLATION - RH (10000 LBS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2587000001	Ref	HANDLE LEVER INSTALLATION	I
1	3587000007	1	Lever	
2	4178000167	1	Bracket	
3	3587000008	1	Handle	
4	7843000010	1	Spring	
5	7950180161	2	Washer 1/2	
6	7990000011	1	Yoke	
7	7660180030	1	Nut 1/2	
8	4551000005	1	T-Handle	
9	7690051641	1	Pin	
10	7115161250	1	Bolt 3/8 x 1-1/2	
12	7660160000	1	Nut 3/8	
13	4575060600	1	Key	
15	7690102041	1	Pin	
16	7950160162	2	Washer 3/8	
18	1001179025	1	Pin	

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FIGURE 5-3. CONTROLS INSTALLATION - 16 FUNCTION (MANUAL GRID)



ART_1001291365

SECTION 5 - CONTROLS

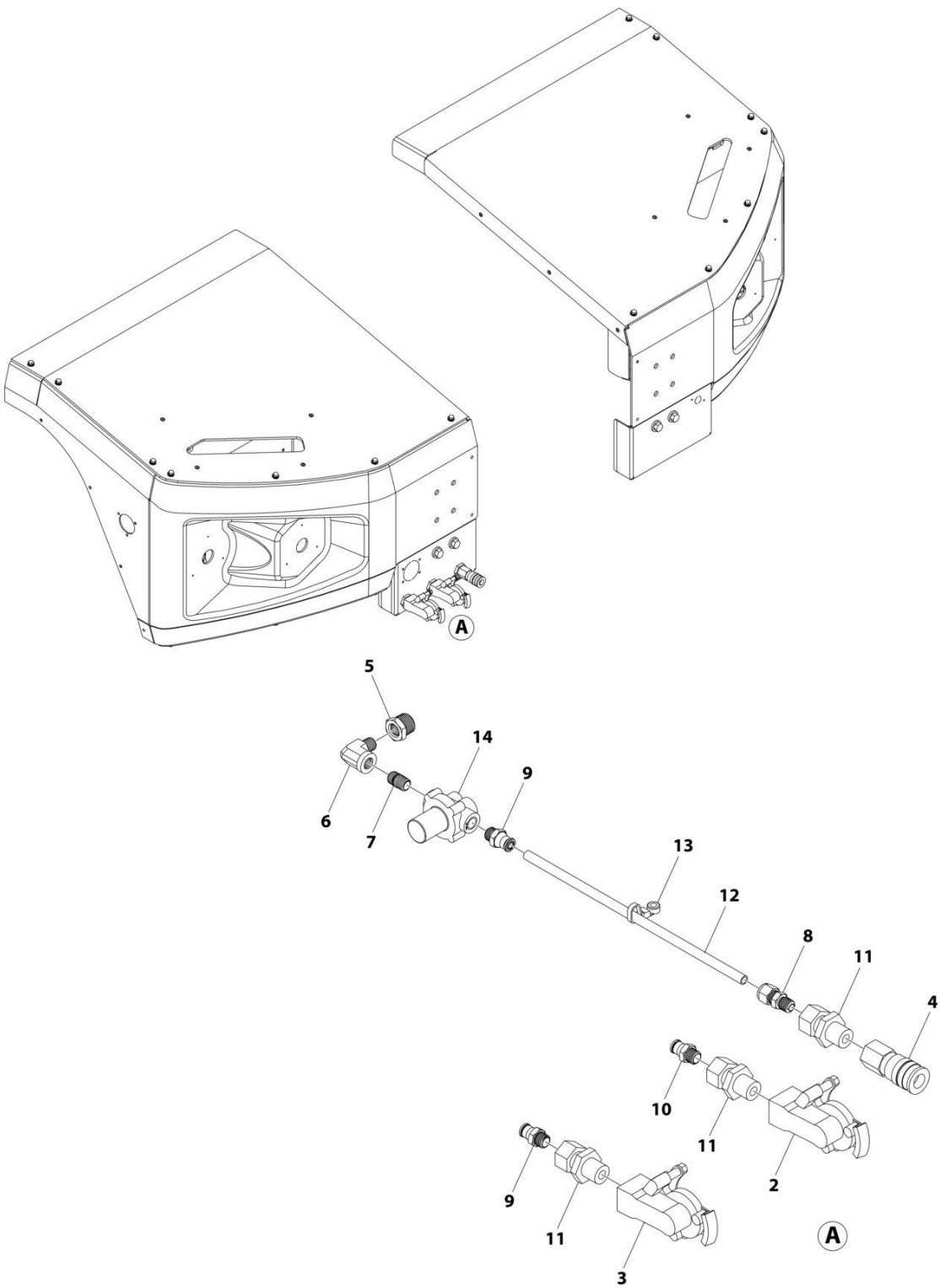
FIGURE 5-3. CONTROLS INSTALLATION - 16 FUNCTION (MANUAL GRID)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291365	Ref	CONTROLS INSTALLATION	A
1	0760305	24	Bolt M3 x 10	
2	0760306	4	Bolt M3 x 12	
3	3290305	4	Nut M3	
4	1001136270	4	Switch	
5	1001201384	1	Socket	
6	1001250809	1	Module	
7	1001253353	8	Switch	
8	1001253354	2	Switch	
9	1001253355	2	Switch	
10	1001287947	1	Harness, Main Controls (See Separate Breakdown in ELECTRICAL Section)	
11	1001287948	2	Harness, Control Station (See Separate Breakdown in ELECTRICAL Section)	
12	1001291188	1	Module	
13	1001299438	1	Underlift Electrical Controls Installation (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
14	1001300043	2	Panel, Controls	
15	1001300045	1	Decal - Controls LH	
16	1001300046	1	Decal - Controls RH	
17	1001300157	2	Decal - Controls LH	
18	1001300158	2	Decal - Controls RH	
19	1001300458	2	Plate	
20	7114140850	8	Capscrew 1/4 x 1	
21	7114141450	8	Capscrew 1/4 x 1-3/4	
22	7660142604	8	Nut 1/4	
23	7894000004	25	Tie-Strap (Not shown)	
24	7894000042	2	Tie-Strap (Not Shown)	
25	7950140003	8	Washer 1/4	
26	7950140143	24	Washer 1/4	
27	1001110544	32	Washer M3	
28	0100048	AR	Grease, Dielectric	
29	1001174496	1	Switch, Toggle	

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FIGURE 6-1. GLADHAND & AUX AIR INSTALLATION



ART_1001301368

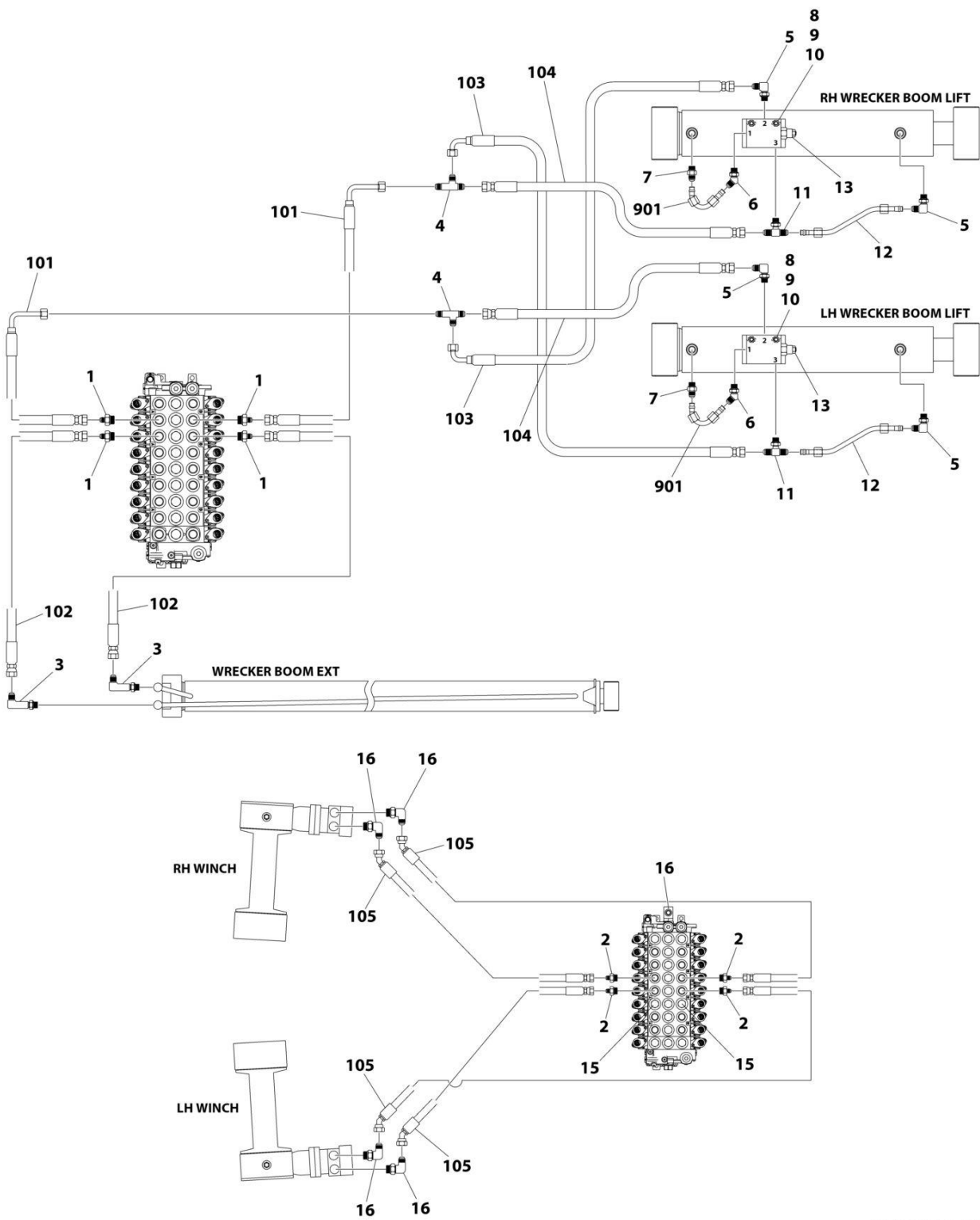
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FIGURE 6-1. GLADHAND & AUX AIR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001301368	Ref	GLADHAND & AUX AIR INSTALLATION	A
1	7312000013	2	Union (Not Shown)	
2	7312000015	1	Gladhand	
3	7312000016	1	Gladhand	
4	7312000017	1	Coupling	
5	7443000154	1	Bushing	
6	7443000155	1	Fitting, 90	
7	7443000156	1	Nipple	
8	7443000366	1	Fitting, Straight	
9	7446060435	2	Fitting, Straight	
10	7446502506	1	Connector	
11	7446502518	3	Fitting, Bulkhead	
12	7565000014	10 ft/3 m	Airline Tubing	
13	7894000031	3	Cable Tie	
14	7935000120	1	Valve, Pressure Protection	

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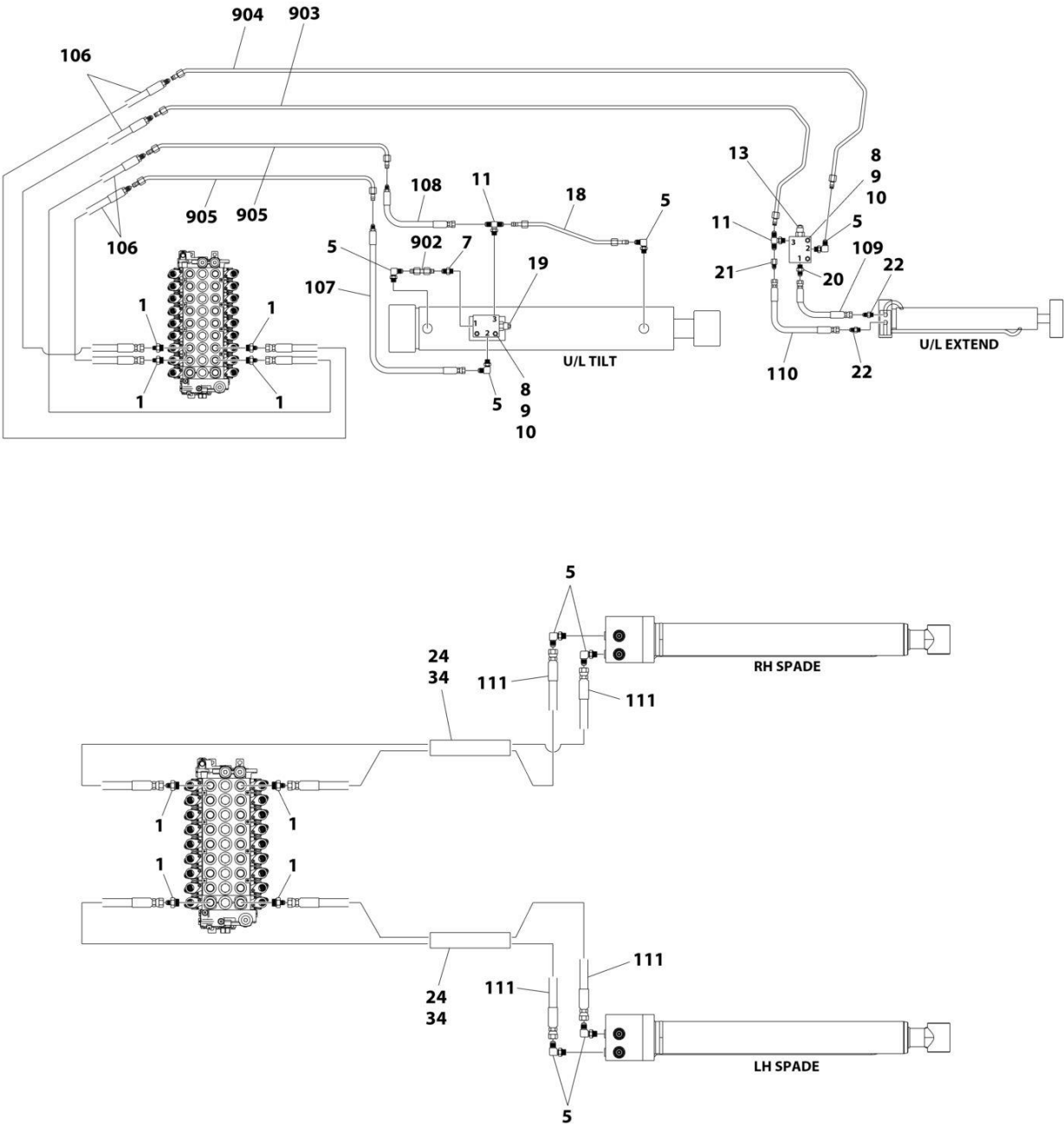
FIGURE 6-2. HOSE INSTALLATION - STANDARD



ART_1001293380_1OF3

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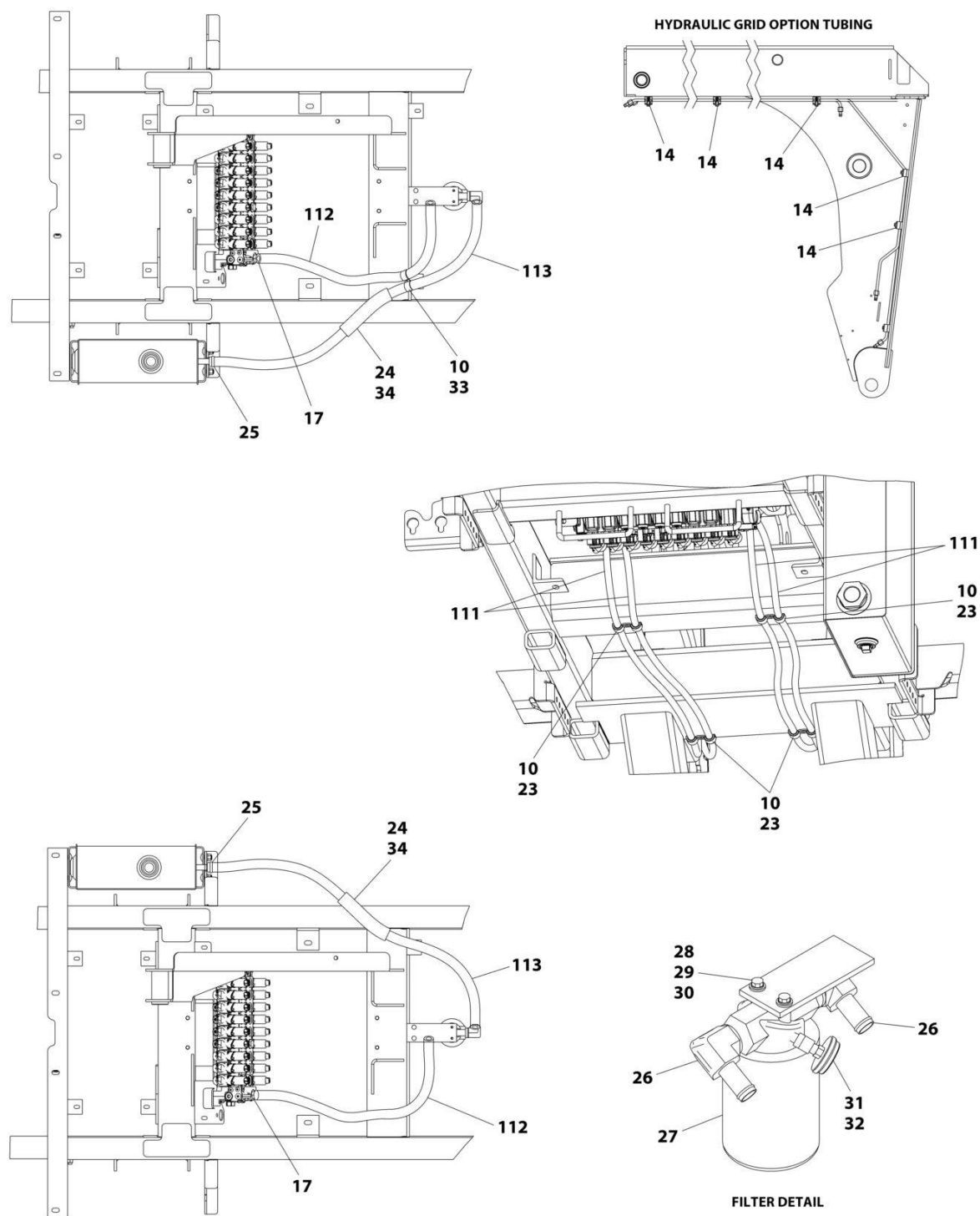
FIGURE 6-3. HOSE INSTALLATION - STANDARD



ART_1001293380_2OF3

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FIGURE 6-4. HOSE INSTALLATION - STANDARD



ART_1001293380_30F3

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FIGURE 6-4. HOSE INSTALLATION - STANDARD

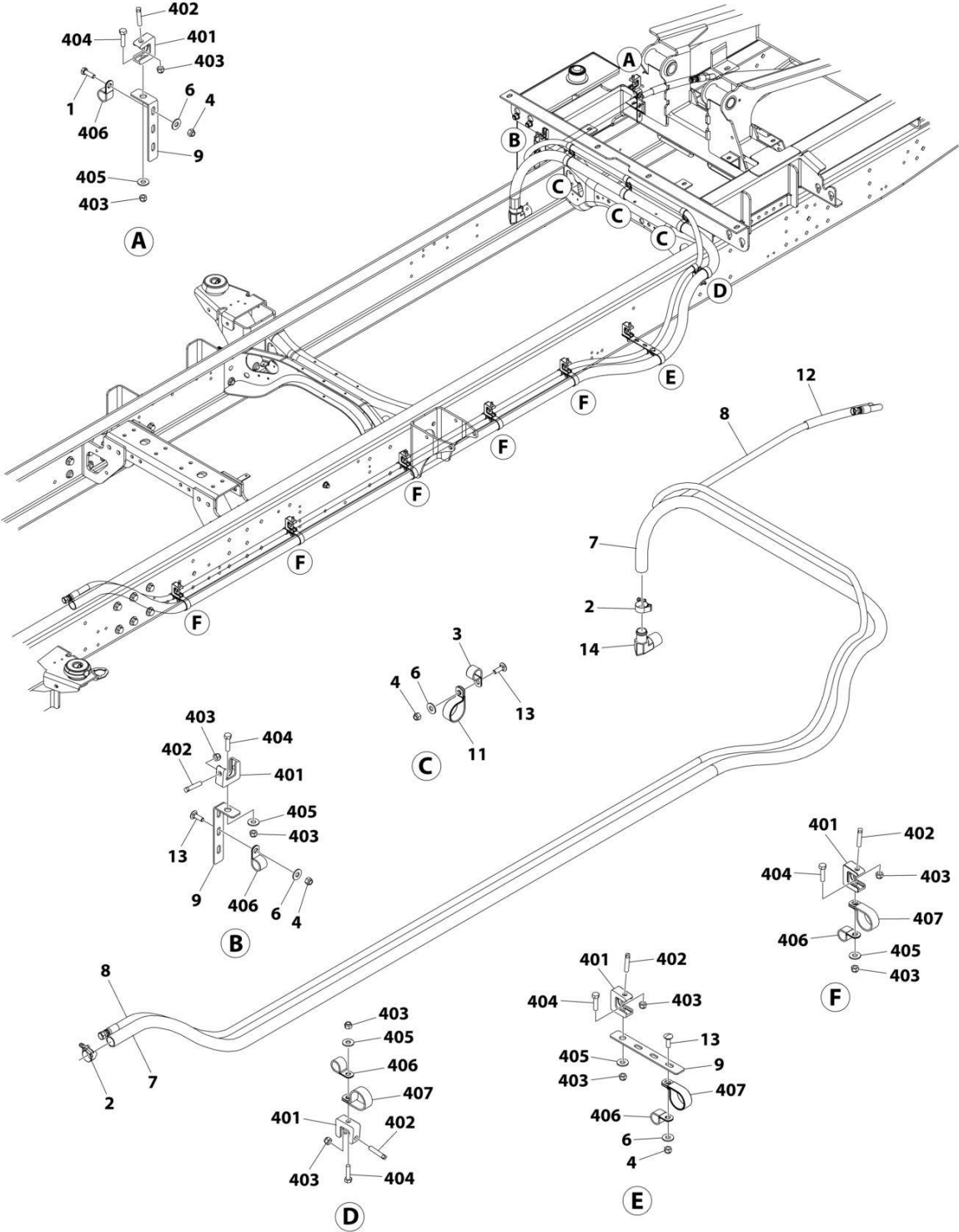
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001293380	Ref	HOSE INSTALLATION	B
1	2220497	14	Fitting, Straight	
2	2220374	4	Fitting, Straight	
3	2220819	2	Fitting, 90	
4	7443000372	2	Fitting, Tee	
5	2220473	12	Fitting, 90	
6	2220501	2	Fitting, 45	
7	2220371	3	Fitting, Straight	
8	0641516	8	Bolt 5/16 x 2	
9	4751500	8	Washer 5/16	
10	7660152601	16	Nut 5/16	
11	2220899	4	Fitting, Tee	
12	7912000204	2	Tube	
13	7935000308	3	Valve Assembly	
13		Ref	Cartridge	
13	9935930102	3	Seal Kit - Cartridge	
14	1001131306	13	Clamp	
15	2220239	2	Plug	
16	2220671	5	Fitting, 90	
17	7443000446	1	Fitting, Straight	
18	7912000205	1	Tube	
19	1001274434	1	Valve, Counterbalance	
20	2220582	1	Fitting, Straight	
21	7443000105	1	Reducer	
22	2220415	2	Fitting, Straight	
23	7274000066	6	Clamp	
24	8565000007	13 ft/4 m	Hose	
25	7274000080	4	Clamp	
26	7443000319	2	Fitting, 90	
27	7430000003	1	Filter Assembly	
28	7114140618	2	Capscrew 1/4 x 3/4	
29	7950140003	2	Washer 1/4	
30	7950140143	2	Washer 1/4	
31	7470000002	1	Gauge, Oil Filter Head	
32	7443000066	1	Fitting, 45	
33	7274000041	2	Clamp	
34	5526000553	30	Tie-Strap	
100	1001293379	1	Hose, Kit (Not Shown)	
101	4567123029	2	Hose	
102	4567120060	2	Hose	
103	4567122023	2	Hose	
104	4567120016	2	Hose	
105	1001213134	4	Hose	
106	1001294871	4	Hose	
107	4569120017	1	Hose	
108	4569120018	1	Hose	
109	4567110024	1	Hose	
110	4567110025	1	Hose	
111	4567320085	4	Hose	
112	4570000364	1	Hose	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
113	1001130043	1	Hose	
900	7577000622	1	Tube, Kit (Not Shown)	
901	7912000028	2	Tube	
902	7912000078	1	Tube	
903	7912000200	1	Tube	
904	7912000201	1	Tube	
905	7912000203	2	Tube	

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FIGURE 6-5. HOSE AND CLAMP INSTALLATION - SP GENERIC



ART_1001297111

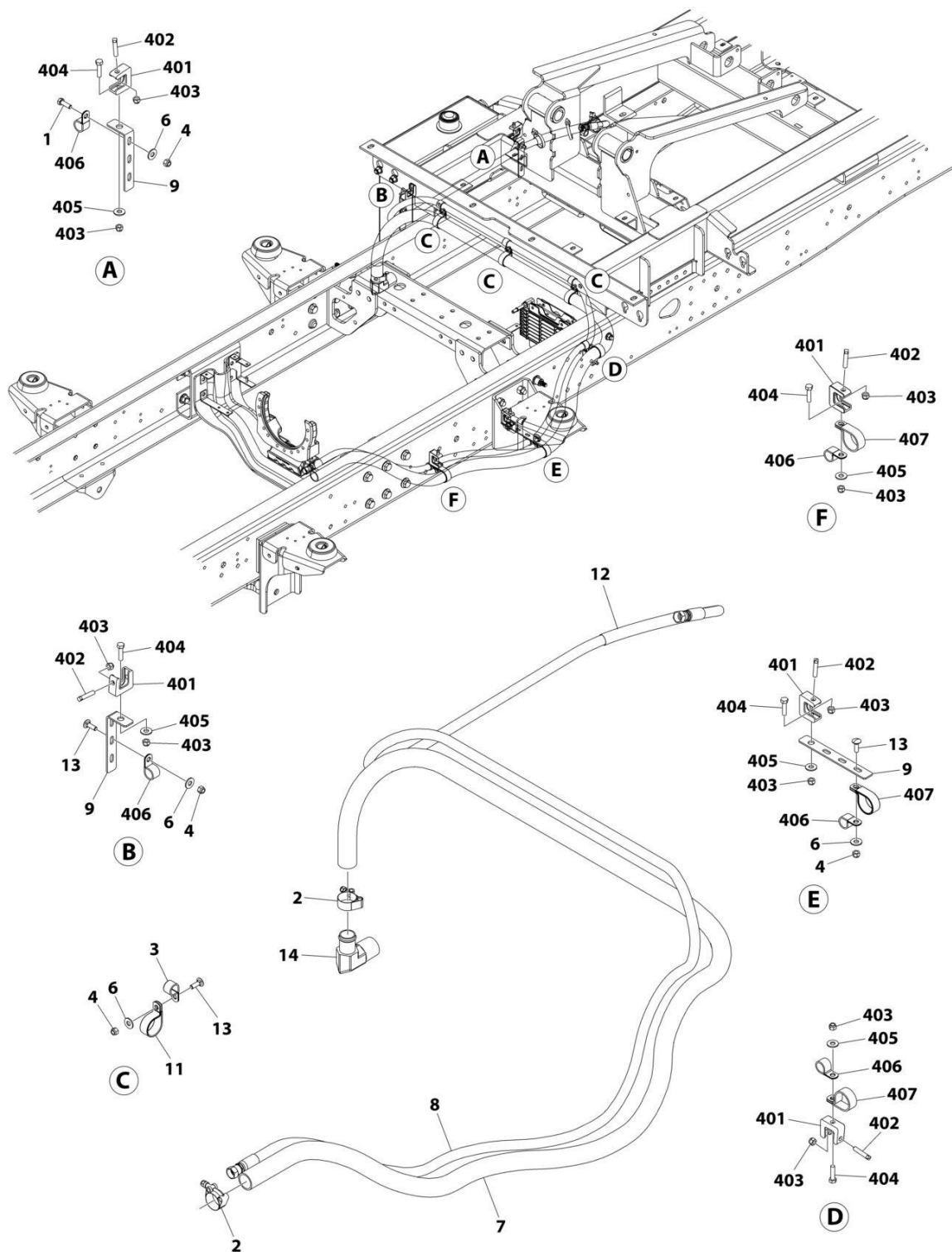
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FIGURE 6-5. HOSE AND CLAMP INSTALLATION - SP GENERIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297111	Ref	HOSE AND CLAMP INSTALLATION - SP GENERIC	A
1	7115150850	1	Bolt 5/16 x 1	
2	7274000002	2	Clamp	
3	7274000040	3	Clamp	
4	7660152601	6	Nut 5/16	
5	7819000013	1	Sleeve (Not Shown)	
6	7950150161	6	Washer 5/16	
7	1001132642	1	Hose	
8	4567630219	1	Hose	
9	4706003844	3	Plate	
10	5526000553	10	Tie-Strap (Not Shown)	
11	7274000042	3	Clamp	
12	8565000007	1 ft	Hose	
13	7115150864	5	Bolt 5/16 x 1	
14	7443000412	1	Fitting, 90	
400	1001132794	11	Clamp, Hose Kit (Not Shown)	
401	7274000076	11	Clamp	
402	7785152420	11	Screw 5/16 x 1-1/2	
403	7660152601	22	Nut 5/16	
404	7115151050	11	Bolt 5/16 x 1-1/4	
405	7950150161	11	Washer 5/16	
406	7274000040	11	Clamp	
407	7274000042	11	Clamp	

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FIGURE 6-6. HOSE AND CLAMP INSTALLATION (CV515 - 141IN WB - LH PTO)



ART_1001297005

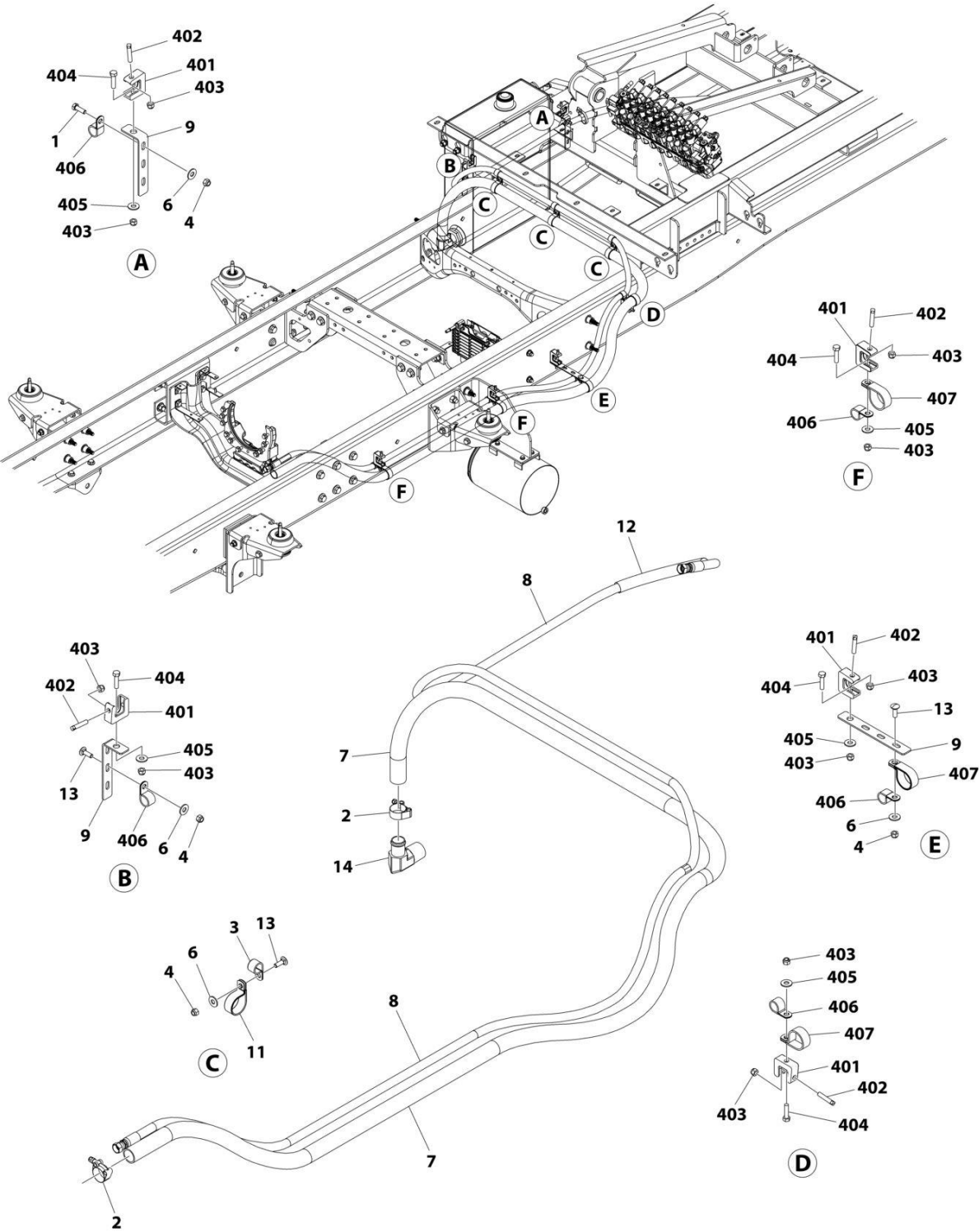
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FIGURE 6-6. HOSE AND CLAMP INSTALLATION (CV515 - 141IN WB - LH PTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297005	Ref	HOSE AND CLAMP INSTALLATION	A
1	7115150850	1	Bolt 5/16 x 1	
2	7274000002	2	Clamp	
3	7274000040	3	Clamp	
4	7660152601	6	Nut 5/16	
5	7819000013	1	Sleeve (Not Shown)	
6	7950150161	6	Washer 5/16	
7	4570000328	1	Hose	
8	4567630135	1	Hose	
9	4706003844	3	Plate	
10	5526000553	10	Tie-Strap (Not Shown)	
11	7274000042	3	Clamp	
12	8565000007	1 ft	Hose	
13	7115150864	5	Bolt 5/16 x 1	
14	7443000412	1	Fitting, 90	
400	1001132794	7	Clamp, Hose Kit (Not Shown)	
401	7274000076	7	Clamp	
402	7785152420	7	Screw 5/16 x 1-1/2	
403	7660152601	14	Nut 5/16	
404	7115151050	7	Bolt 5/16 x 1-1/4	
405	7950150161	7	Washer 5/16	
406	7274000040	7	Clamp	
407	7274000042	7	Clamp	

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FIGURE 6-7. HOSE AND CLAMP INSTALLATION (CV515 - 165IN WB - LH PTO)



ART_1001297006

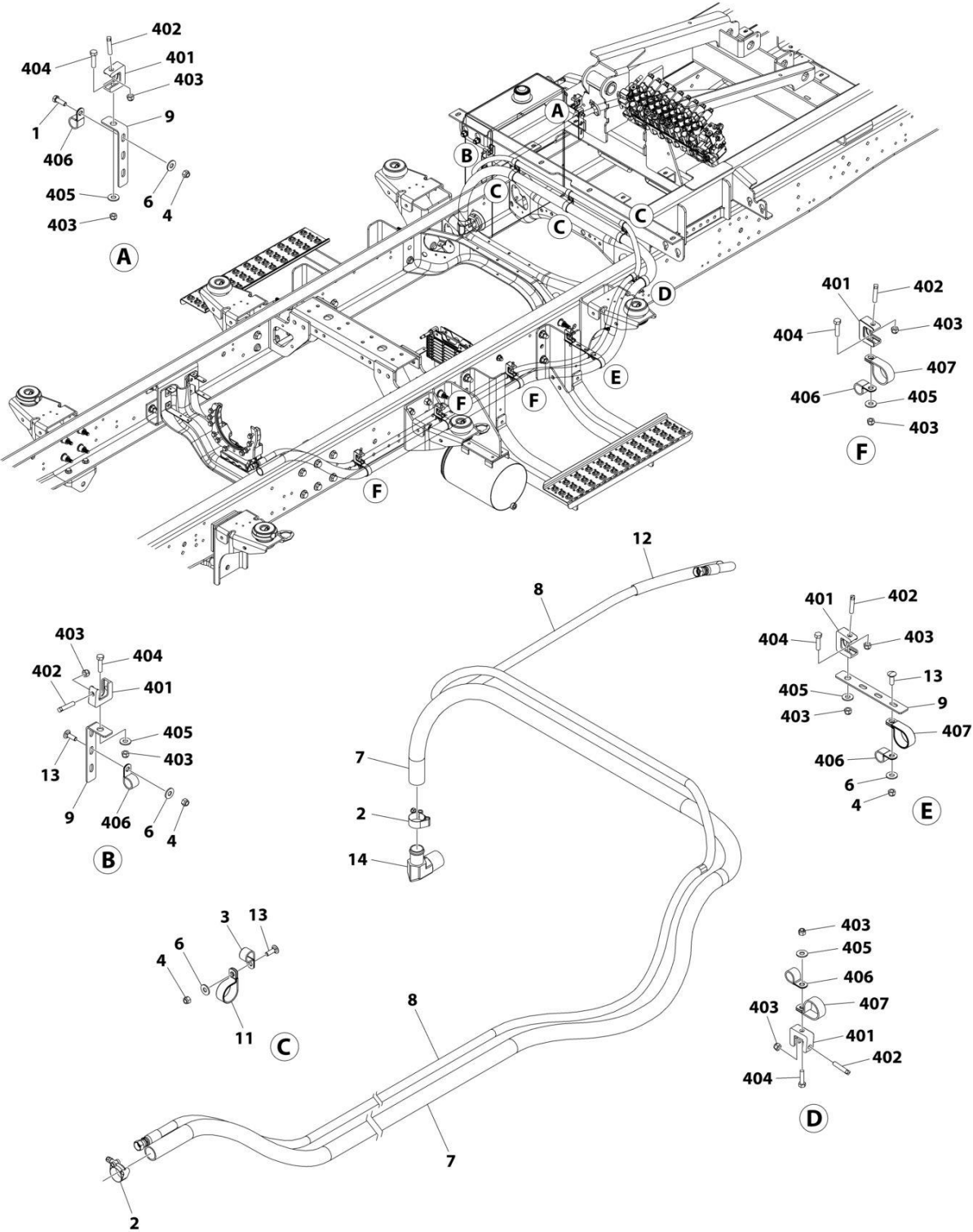
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FIGURE 6-7. HOSE AND CLAMP INSTALLATION (CV515 - 165IN WB - LH PTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297006	Ref	HOSE AND CLAMP INSTALLATION	A
1	7115150850	1	Bolt 5/16 x 1	
2	7274000002	2	Clamp	
3	7274000040	3	Clamp	
4	7660152601	6	Nut 5/16	
5	7819000013	1	Sleeve (Not Shown)	
6	7950150161	6	Washer 5/16	
7	4570000321	1	Hose	
8	4567630166	1	Hose	
9	4706003844	3	Plate	
10	5526000553	10	Tie-Strap (Not Shown)	
11	7274000042	3	Clamp	
12	8565000007	1 ft	Hose	
13	7115150864	5	Bolt 5/16 x 1	
14	7443000412	1	Fitting, 90	
400	1001132794	8	Clamp, Hose Kit (Not Shown)	
401	7274000076	8	Clamp	
402	7785152420	8	Screw 5/16 x 1-1/2	
403	7660152601	16	Nut 5/16	
404	7115151050	8	Bolt 5/16 x 1-1/4	
405	7950150161	8	Washer 5/16	
406	7274000040	8	Clamp	
407	7274000042	8	Clamp	

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FIGURE 6-8. HOSE AND CLAMP INSTALLATION (CV515 - 175IN WB - LH PTO)



ART_1001297007

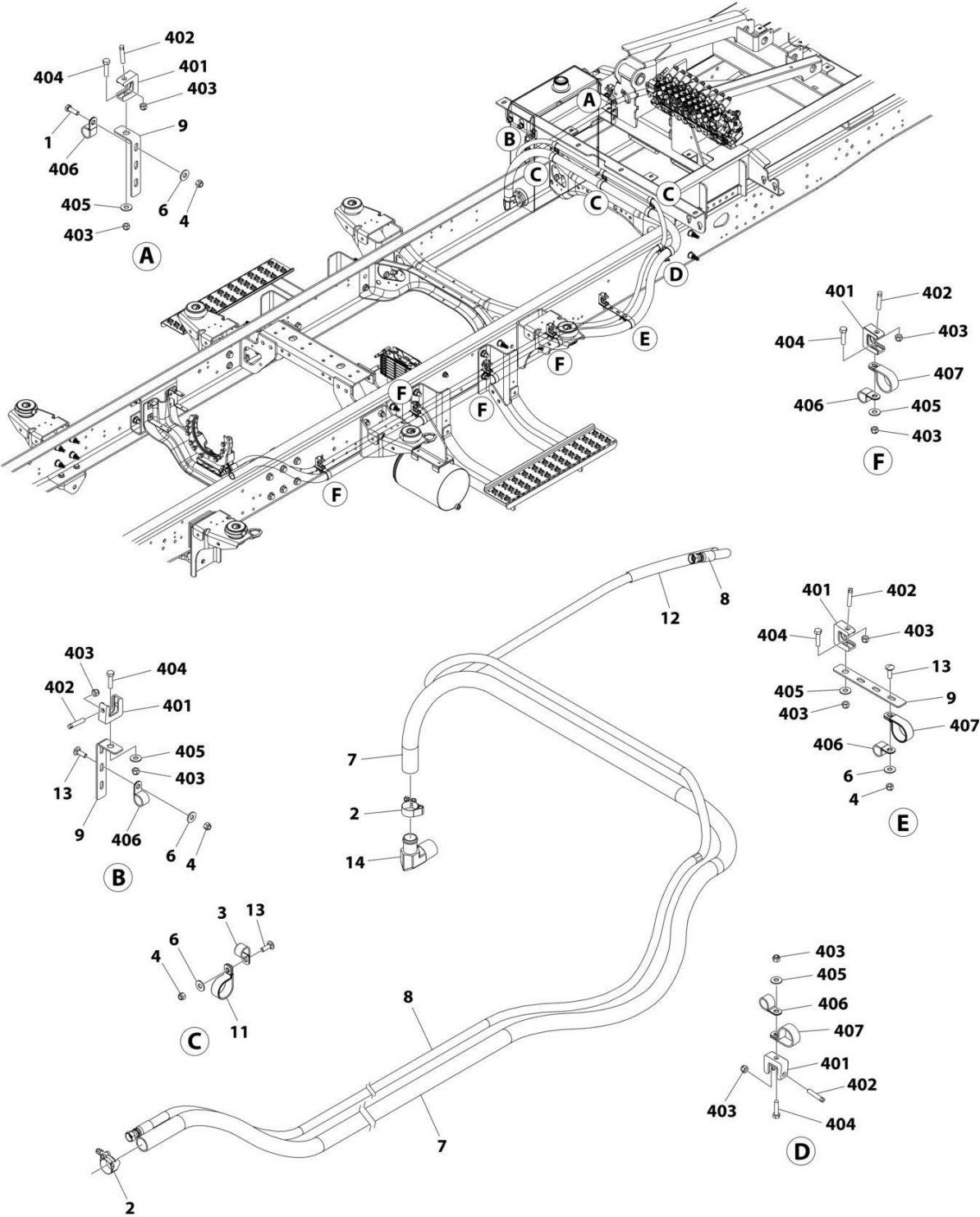
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FIGURE 6-8. HOSE AND CLAMP INSTALLATION (CV515 - 175IN WB - LH PTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297007	Ref	HOSE AND CLAMP INSTALLATION	A
1	7115150850	1	Bolt 5/16 x 1	
2	7274000002	2	Clamp	
3	7274000040	3	Clamp	
4	7660152601	6	Nut 5/16	
5	7819000013	1	Sleeve (Not Shown)	
6	7950150161	6	Washer 5/16	
7	4570000326	1	Hose	
8	4567630166	1	Hose	
9	4706003844	3	Plate	
10	5526000553	10	Tie-Strap (Not Shown)	
11	7274000042	3	Clamp	
12	8565000007	1 ft	Hose	
13	7115150864	5	Bolt 5/16 x 1	
14	7443000412	1	Fitting, 90	
400	1001132794	9	Clamp, Hose Kit (Not Shown)	
401	7274000076	9	Clamp	
402	7785152420	9	Screw 5/16 x 1-1/2	
403	7660152601	18	Nut 5/16	
404	7115151050	9	Bolt 5/16 x 1-1/4	
405	7950150161	9	Washer 5/16	
406	7274000040	9	Clamp	
407	7274000042	9	Clamp	

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FIGURE 6-9. HOSE AND CLAMP INSTALLATION (CV515 - 199IN WB - LH PTO)



ART_1001297008

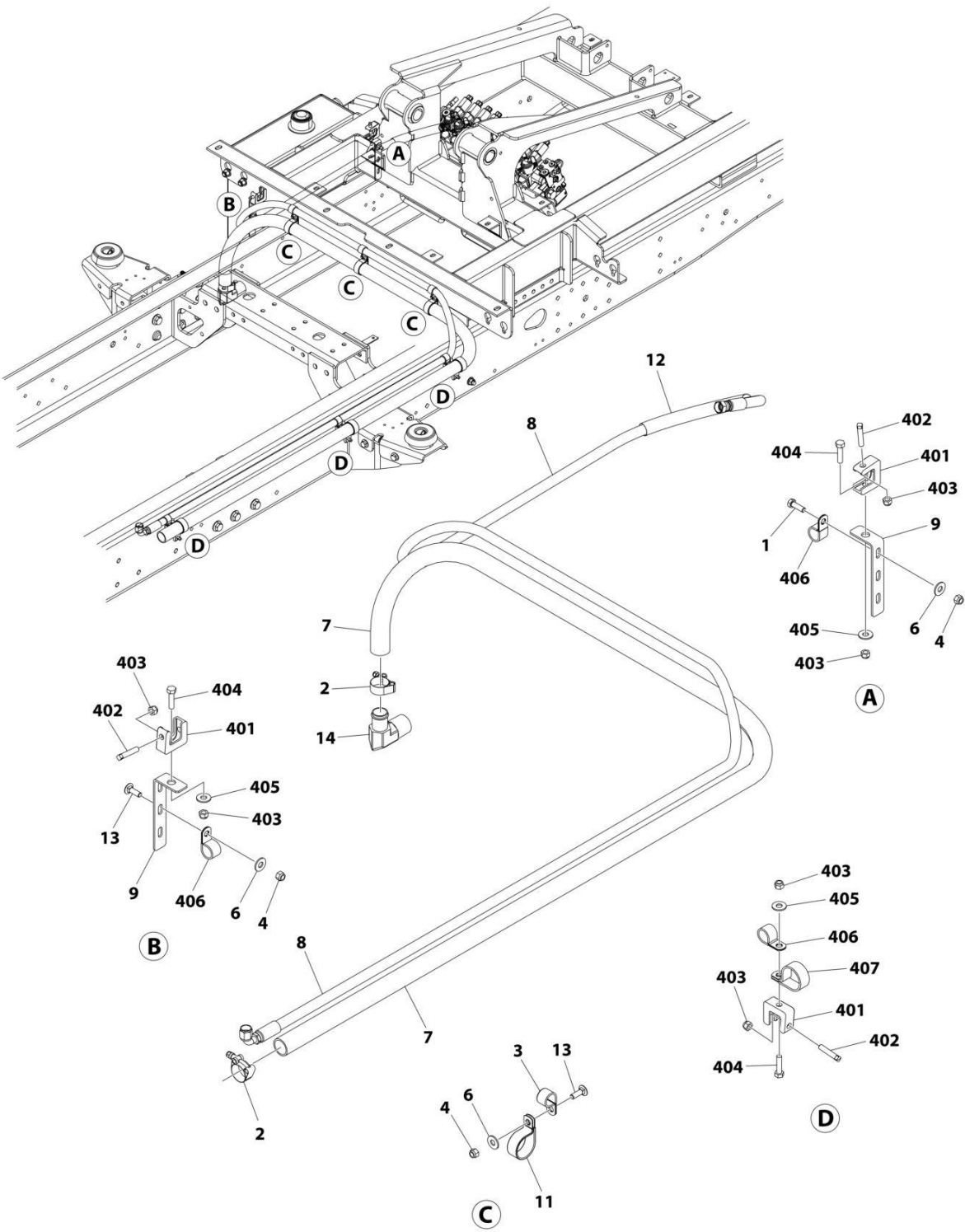
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FIGURE 6-9. HOSE AND CLAMP INSTALLATION (CV515 - 199IN WB - LH PTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297008	Ref	HOSE AND CLAMP INSTALLATION	A
1	7115150850	1	Bolt 5/16 x 1	
2	7274000002	2	Clamp	
3	7274000040	3	Clamp	
4	7660152601	6	Nut 5/16	
5	7819000013	1	Sleeve (Not Shown)	
6	7950150161	6	Washer 5/16	
7	1001132633	1	Hose	
8	4567630190	1	Hose	
9	4706003844	3	Plate	
10	5526000553	10	Tie-Strap (Not Shown)	
11	7274000042	3	Clamp	
12	8565000007	1 ft	Hose	
13	7115150864	5	Bolt 5/16 x 1	
14	7443000412	1	Fitting, 90	
400	1001132794	10	Clamp, Hose Kit (Not Shown)	
401	7274000076	10	Clamp	
402	7785152420	10	Screw 5/16 x 1-1/2	
403	7660152601	20	Nut 5/16	
404	7115151050	10	Bolt 5/16 x 1-1/4	
405	7950150161	10	Washer 5/16	
406	7274000040	10	Clamp	
407	7274000042	10	Clamp	

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FIGURE 6-10. HOSE AND CLAMP INSTALLATION (CV515 - 141IN WB)



ART_1001296185

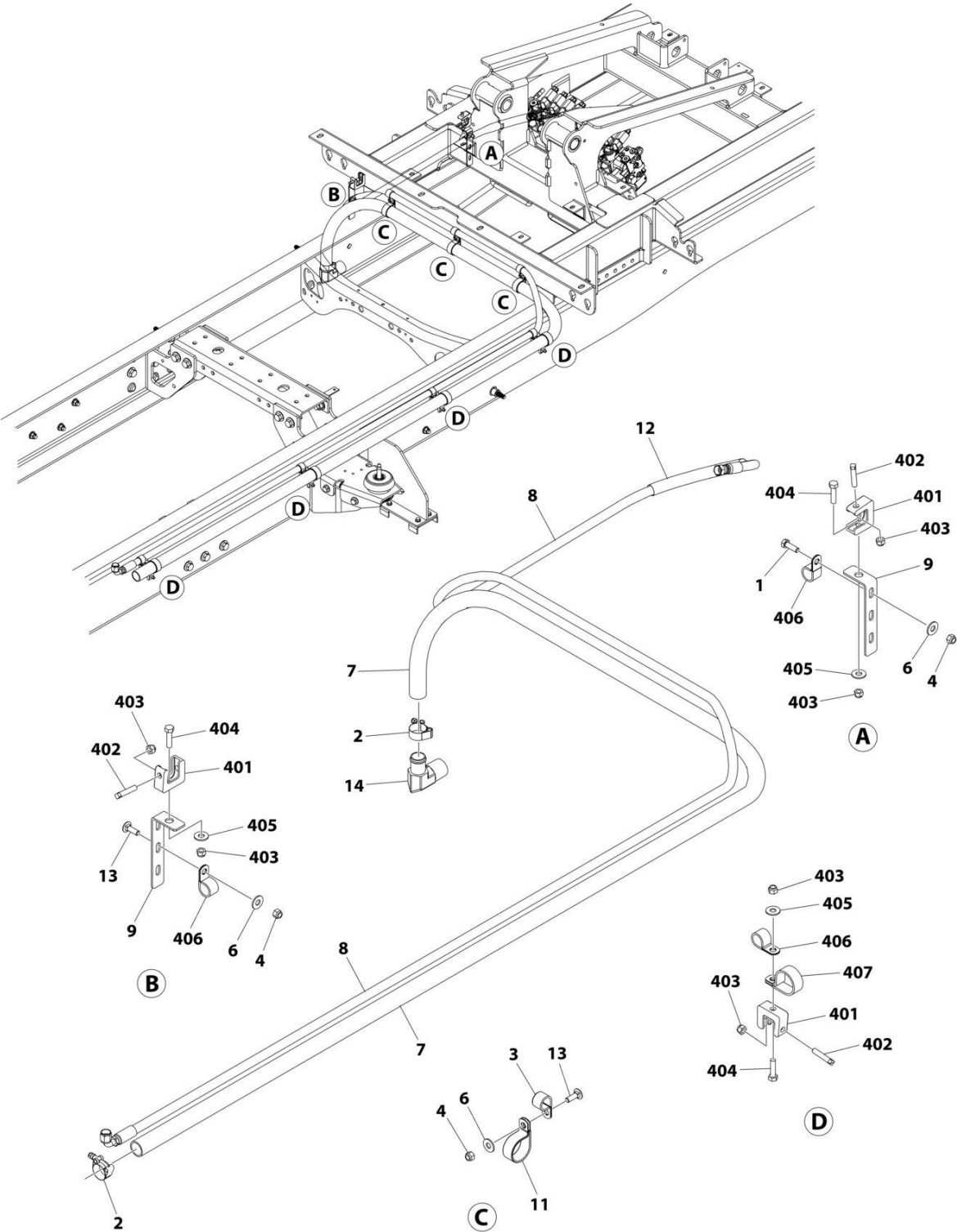
SECTION 6 - HYDRAULIC

FIGURE 6-10. HOSE AND CLAMP INSTALLATION (CV515 - 141IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296185	Ref	HOSE AND CLAMP INSTALLATION	A
1	7115150850	1	Bolt 5/16 x 1	
2	7274000002	2	Clamp	
3	7274000040	3	Clamp	
4	7660152601	5	Nut 5/16	
5	7819000013	1	Sleeve (Not Shown)	
6	7950150161	5	Washer 5/16	
7	1001132634	1	Hose	
8	4567132196	1	Hose	
9	4706003844	2	Plate	
10	5526000553	10	Tie-Strap (Not Shown)	
11	7274000042	3	Clamp	
12	8565000007	1 ft	Hose	
13	7115150864	4	Bolt 5/16 x 1	
14	7443000412	1	Fitting, 90	
400	1001132794	7	Clamp, Hose Kit (Not Shown)	
401	7274000076	7	Clamp	
402	7785152420	7	Screw 5/16 x 1-1/2	
403	7660152601	14	Nut 5/16	
404	7115151050	7	Bolt 5/16 x 1-1/4	
405	7950150161	7	Washer 5/16	
406	7274000040	7	Clamp	
407	7274000042	7	Clamp	

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FIGURE 6-11. HOSE AND CLAMP INSTALLATION (CV515 - 165IN WB)



ART_1001296186

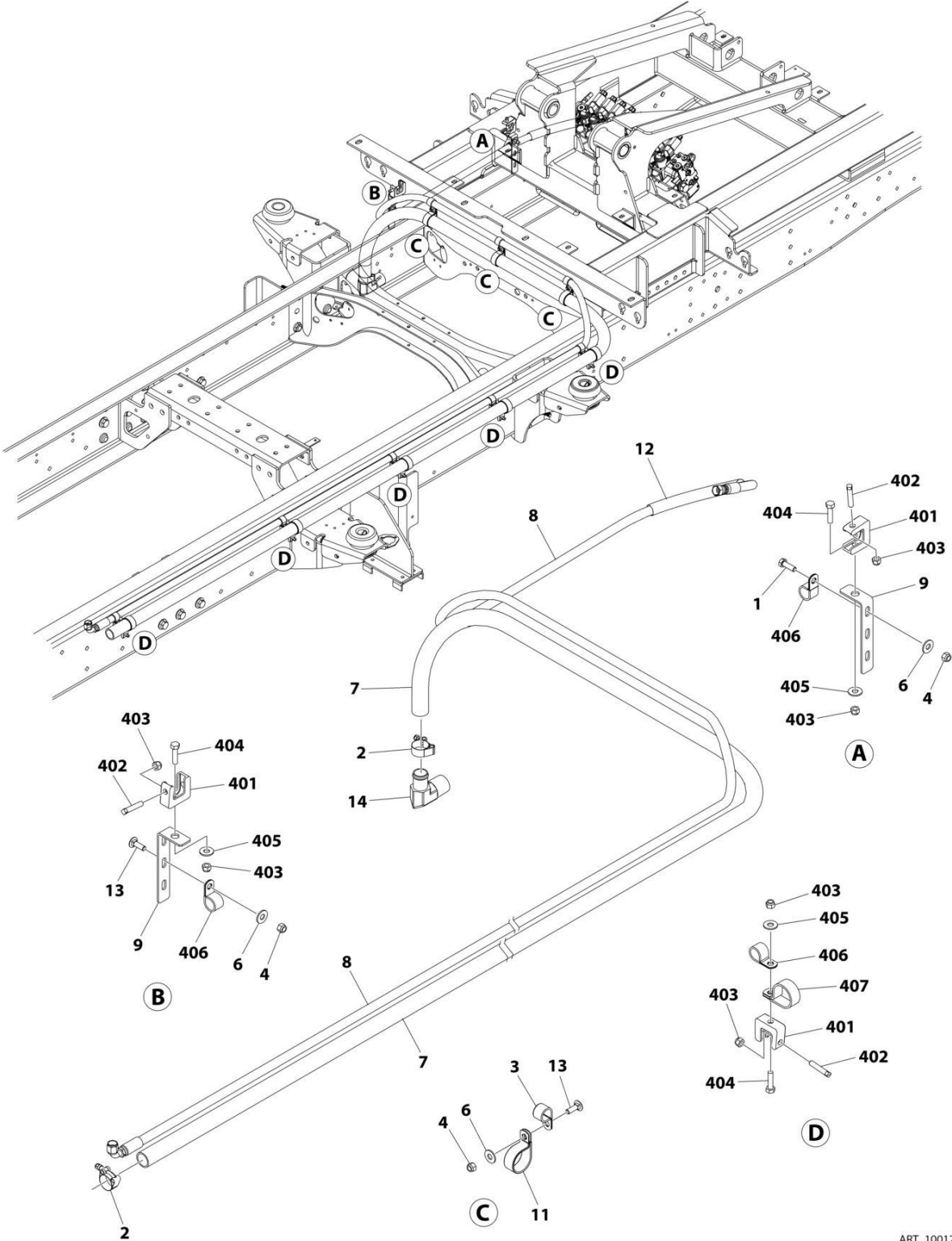
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FIGURE 6-11. HOSE AND CLAMP INSTALLATION (CV515 - 165IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296186	Ref	HOSE AND CLAMP INSTALLATION	A
1	7115150850	1	Bolt 5/16 x 1	
2	7274000002	2	Clamp	
3	7274000040	4	Clamp	
4	7660152601	6	Nut 5/16	
5	7819000013	1	Sleeve (Not Shown)	
6	7950150161	6	Washer 5/16	
7	1001132643	1	Hose	
8	4567132226	1	Hose	
9	4706003844	3	Plate	
10	5526000553	10	Tie-Strap (Not Shown)	
11	7274000042	4	Clamp	
12	8565000007	1 ft	Hose	
13	7115150864	5	Bolt 5/16 x 1	
14	7443000412	1	Fitting, 90	
400	1001132794	8	Clamp, Hose Kit (Not Shown)	
401	7274000076	8	Clamp	
402	7785152420	8	Screw 5/16 x 1-1/2	
403	7660152601	16	Nut 5/16	
404	7115151050	8	Bolt 5/16 x 1-1/4	
405	7950150161	8	Washer 5/16	
406	7274000040	8	Clamp	
407	7274000042	8	Clamp	

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FIGURE 6-12. HOSE AND CLAMP INSTALLATION (CV515 - 175IN WB)



ART_1001296187

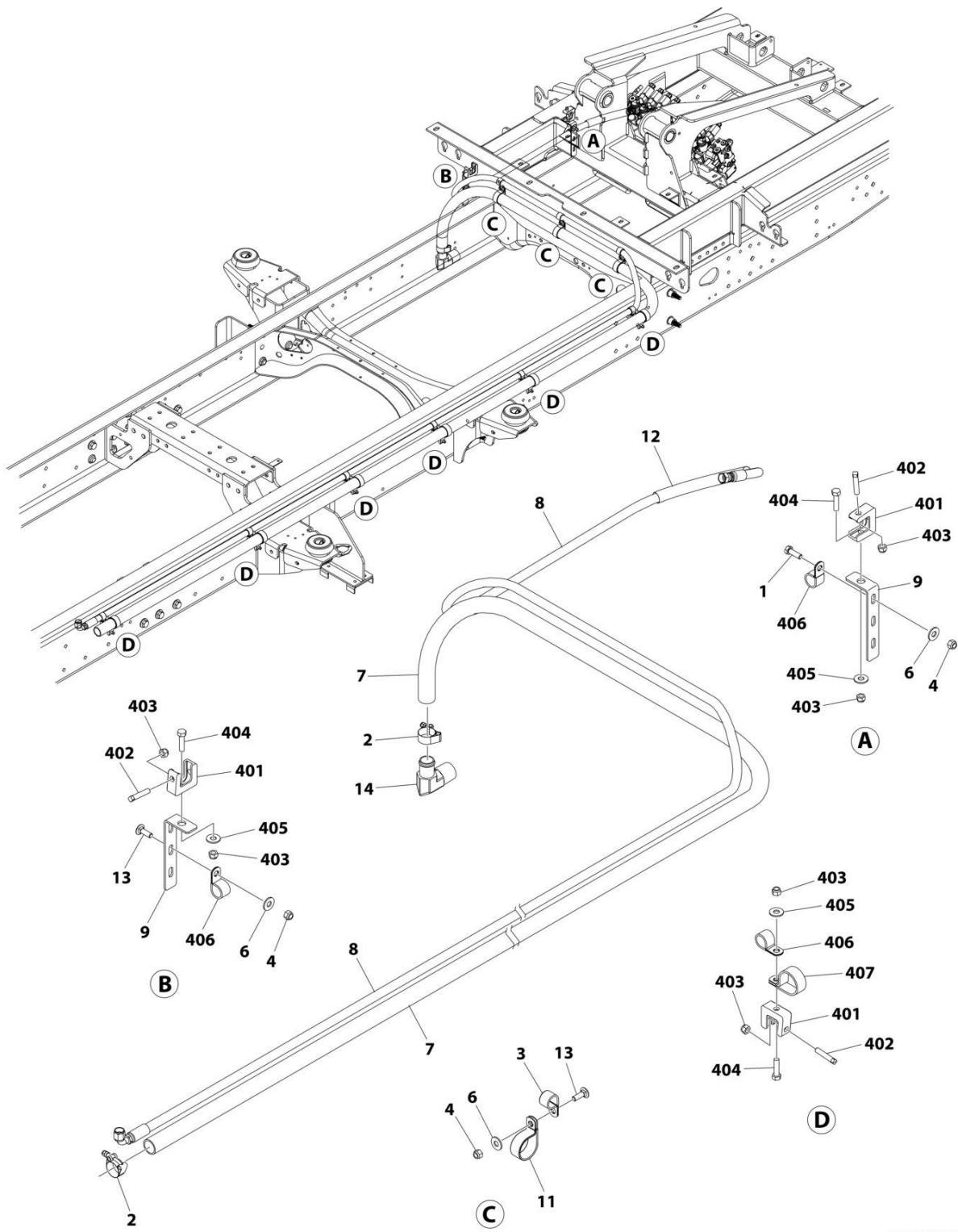
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FIGURE 6-12. HOSE AND CLAMP INSTALLATION (CV515 - 175IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296187	Ref	HOSE AND CLAMP INSTALLATION	A
1	7115150850	1	Bolt 5/16 x 1	
2	7274000002	2	Clamp	
3	7274000040	3	Clamp	
4	7660152601	5	Nut 5/16	
5	7819000013	1	Sleeve (Not Shown)	
6	7950150161	5	Washer 5/16	
7	1001132647	1	Hose	
8	4567132226	1	Hose	
9	4706003844	2	Plate	
10	5526000553	10	Tie-Strap (Not Shown)	
11	7274000042	3	Clamp	
12	8565000007	1 ft	Hose	
13	7115150864	4	Bolt 5/16 x 1	
14	7443000412	1	Fitting, 90	
400	1001132794	9	Clamp, Hose Kit (Not Shown)	
401	7274000076	9	Clamp	
402	7785152420	9	Screw 5/16 x 1-1/2	
403	7660152601	18	Nut 5/16	
404	7115151050	9	Bolt 5/16 x 1-1/4	
405	7950150161	9	Washer 5/16	
406	7274000040	9	Clamp	
407	7274000042	9	Clamp	

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FIGURE 6-13. HOSE AND CLAMP INSTALLATION (CV515 - 199IN WB)



ART_1001296188

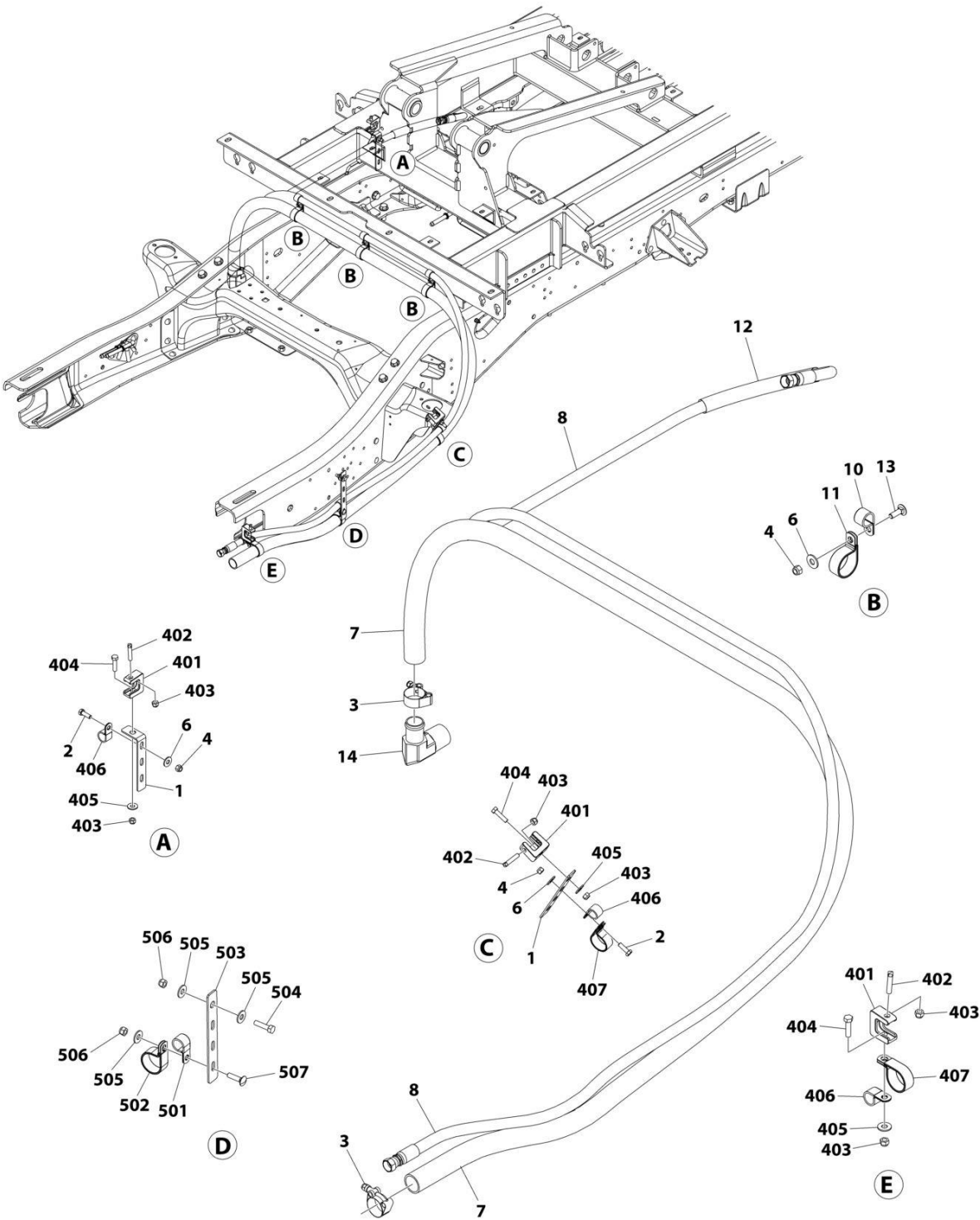
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FIGURE 6-13. HOSE AND CLAMP INSTALLATION (CV515 - 199IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296188	Ref	HOSE AND CLAMP INSTALLATION	A
1	7115150850	1	Bolt 5/16 x 1	
2	7274000002	2	Clamp	
3	7274000040	4	Clamp	
4	7660152601	6	Nut 5/16	
5	7819000013	1	Sleeve (Not Shown)	
6	7950150161	6	Washer 5/16	
7	1001256825	1	Hose	
8	4567132249	1	Hose	
9	4706003844	3	Plate	
10	5526000553	10	Tie-Strap (Not Shown)	
11	7274000042	4	Clamp	
12	8565000007	1 ft	Hose	
13	7115150864	5	Bolt 5/16 x 1	
14	7443000412	1	Fitting, 90	
400	1001132794	10	Clamp, Hose Kit (Not Shown)	
401	7274000076	10	Clamp	
402	7785152420	10	Screw 5/16 x 1-1/2	
403	7660152601	20	Nut 5/16	
404	7115151050	10	Bolt 5/16 x 1-1/4	
405	7950150161	10	Washer 5/16	
406	7274000040	10	Clamp	
407	7274000042	10	Clamp	

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FIGURE 6-14. HOSE AND CLAMP INSTALLATION (DODGE D-CP - 144IN WB)



ART_1001296184

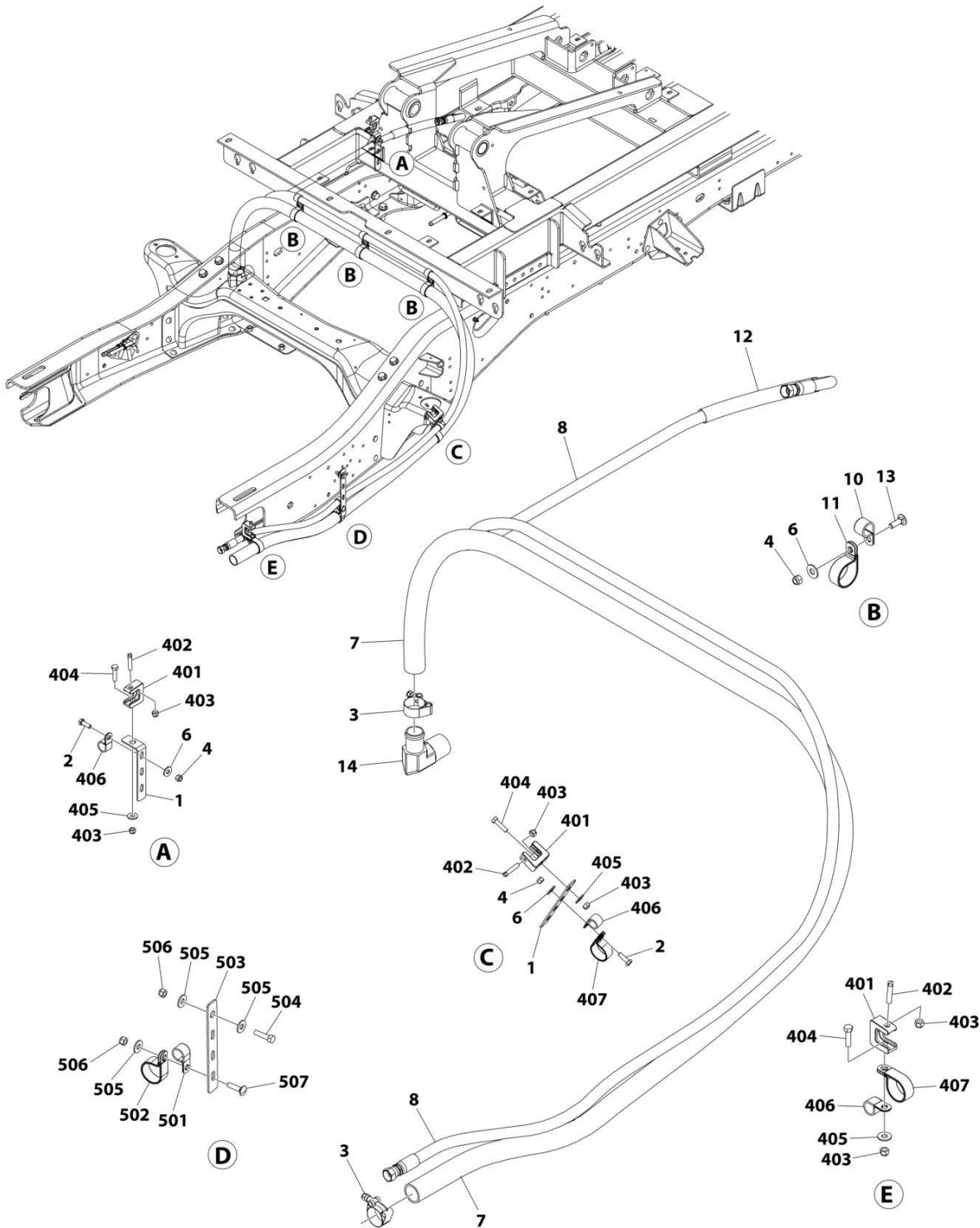
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FIGURE 6-14. HOSE AND CLAMP INSTALLATION (DODGE D-CP - 144IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296184	Ref	HOSE AND CLAMP INSTALLATION	A
1	4706003844	2	Plate	
2	7115150850	2	Bolt 5/16 x 1	
3	7274000002	2	Clamp	
4	7660152601	5	Nut 5/16	
5	7819000013	4	Sleeve (Not Shown)	
6	7950150161	5	Washer 5/16	
7	1001132642	1	Hose	
8	4567630212	1	Hose	
9	5526000553	20	Tie-Strap (Not Shown)	
10	7274000040	3	Clamp	
11	7274000042	3	Clamp	
12	8565000007	1 ft	Hose	
13	7115150864	3	Bolt 5/16 x 1	
14	7443000412	1	Fitting, 90	
400	1001132794	4	Clamp, Hose Kit (Not Shown)	
401	7274000076	4	Clamp	
402	7785152420	4	Screw 5/16 x 1-1/2	
403	7660152601	8	Nut 5/16	
404	7115151050	4	Bolt 5/16 x 1-1/4	
405	7950150161	4	Washer 5/16	
406	7274000040	4	Clamp	
407	7274000042	4	Clamp	
500	1001132800	2	Clamp, Hose Kit (Not Shown)	
501	7274000040	2	Clamp	
502	7274000042	2	Clamp	
503	4706003844	2	Plate	
504	7115151050	2	Bolt 5/16 x 1-1/4	
505	7950150161	6	Washer 5/16	
506	7660152601	4	Nut 5/16	
507	7115151064	2	Bolt 5/16 x 1-1/4	

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FIGURE 6-15. HOSE AND CLAMP INSTALLATION (DODGE D-CP - 173IN WB)



ART_1001296183

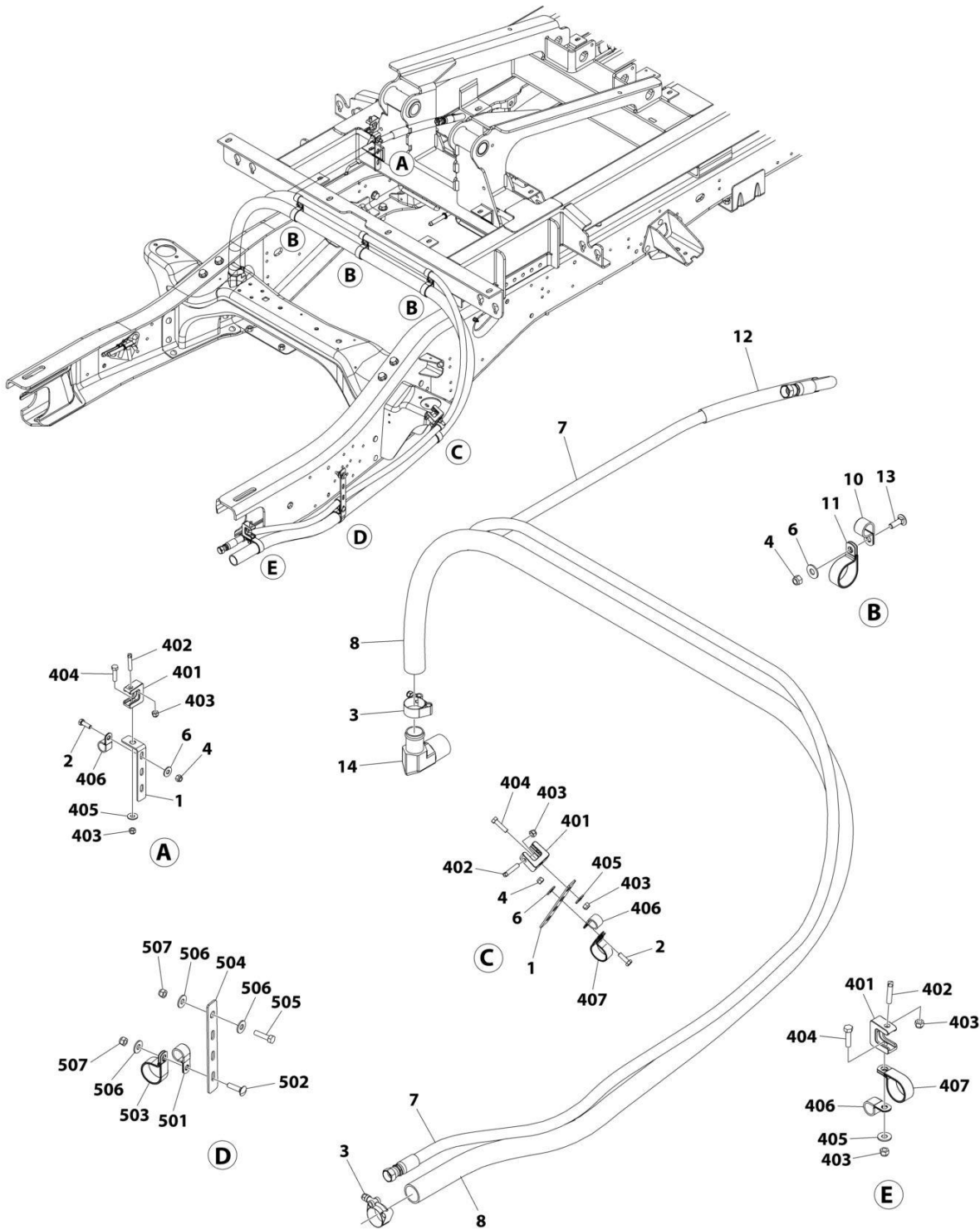
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FIGURE 6-15. HOSE AND CLAMP INSTALLATION (DODGE D-CP - 173IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296183	Ref	HOSE AND CLAMP INSTALLATION	A
1	4706003844	2	Plate	
2	7115150850	2	Bolt 5/16 x 1	
3	7274000002	2	Clamp	
4	7660152601	5	Nut 5/16	
5	7819000013	4	Sleeve (Not Shown)	
6	7950150161	5	Washer 5/16	
7	1001132848	1	Hose	
8	4567630241	1	Hose	
9	5526000553	20	Tie-Strap (Not Shown)	
10	7274000040	3	Clamp	
11	7274000042	3	Clamp	
12	8565000007	1 ft	Hose	
13	7115150864	3	Bolt 5/16 x 1	
14	7443000412	1	Fitting, 90	
400	1001132794	6	Clamp, Hose Kit (Not Shown)	
401	7274000076	6	Clamp	
402	7785152420	6	Screw 5/16 x 1-1/2	
403	7660152601	12	Nut 5/16	
404	7115151050	6	Bolt 5/16 x 1-1/4	
405	7950150161	6	Washer 5/16	
406	7274000040	6	Clamp	
407	7274000042	6	Clamp	
500	1001132800	4	Clamp, Hose Kit (Not Shown)	
501	7274000040	4	Clamp	
502	7274000042	4	Clamp	
503	4706003844	4	Plate	
504	7115151050	4	Bolt 5/16 x 1-1/4	
505	7950150161	12	Washer 5/16	
506	7660152601	8	Nut 5/16	
507	7115151064	4	Bolt 5/16 x 1-1/4	

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FIGURE 6-16. HOSE AND CLAMP INSTALLATION (DODGE D-CP - 197IN WB)



ART_1001296963

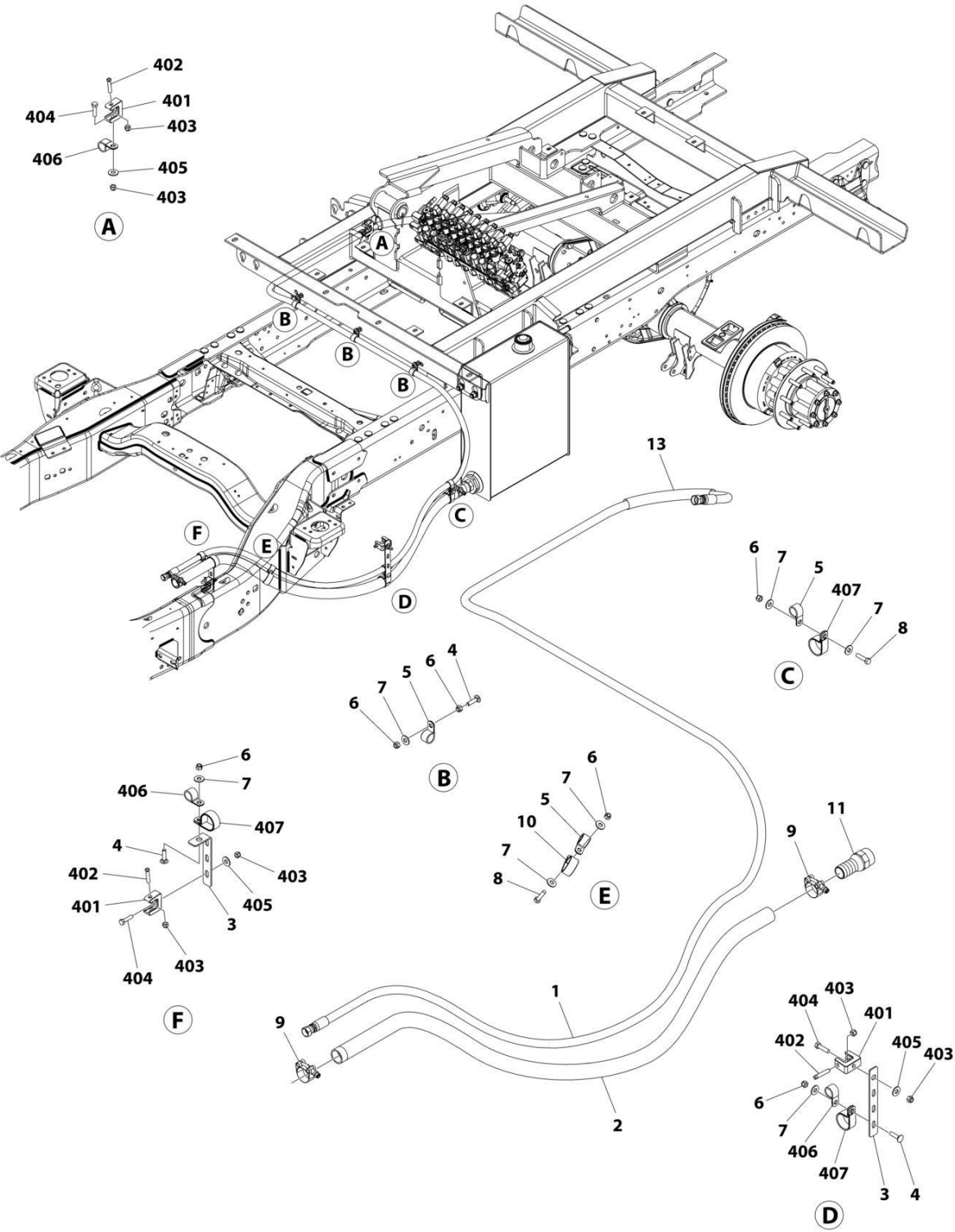
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FIGURE 6-16. HOSE AND CLAMP INSTALLATION (DODGE D-CP - 197IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296963	Ref	HOSE AND CLAMP INSTALLATION	A
1	4706003844	2	Plate	
2	7115150850	2	Bolt 5/16 x 1	
3	7274000002	2	Clamp	
4	7660152601	5	Nut 5/16	
5	7819000013	4	Sleeve (Not Shown)	
6	7950150161	5	Washer 5/16	
7	4567630270	1	Hose	
8	1001296935	1	Hose	
9	5526000553	20	Tie-Strap (Not Shown)	
10	7274000040	3	Clamp	
11	7274000042	3	Clamp	
12	8565000007	1 ft	Hose	
13	7115150864	3	Bolt 5/16 x 1	
14	7443000412	1	Fitting, 90	
400	1001132794	7	Clamp, Hose Kit (Not Shown)	
401	7274000076	7	Clamp	
402	7785152420	7	Screw 5/16 x 1-1/2	
403	7660152601	14	Nut 5/16	
404	7115151050	7	Bolt 5/16 x 1-1/4	
405	7950150161	7	Washer 5/16	
406	7274000040	7	Clamp	
407	7274000042	7	Clamp	
500	1001132800	5	Clamp, Hose Kit (Not Shown)	
501	7274000040	5	Clamp	
502	7115151064	5	Bolt 5/16 x 1-1/4	
503	7274000042	5	Clamp	
504	4706003844	5	Plate	
505	7115151050	5	Bolt 5/16 x 1-1/4	
506	7950150161	15	Washer 5/16	
507	7660152601	10	Nut 5/16	

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FIGURE 6-17. HOSE AND CLAMP INSTALLATION (FORD PTO - 145IN WB)



ART_1001296178

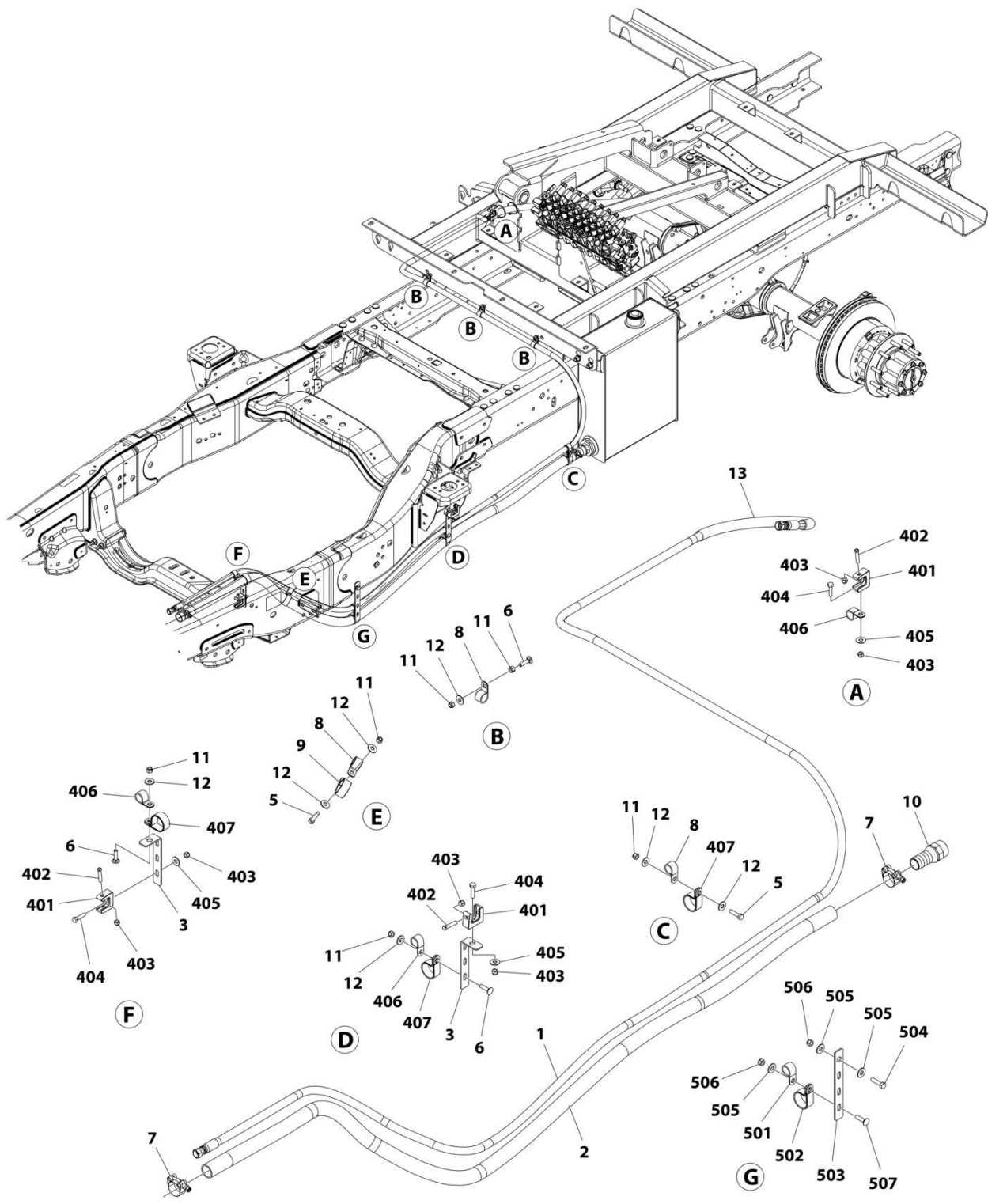
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FIGURE 6-17. HOSE AND CLAMP INSTALLATION (FORD PTO - 145IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296178	Ref	HOSE AND CLAMP INSTALLATION	A
1	4567130155	1	Hose	
2	4570000373	1	Hose	
3	4706003844	2	Plate	
4	7115151064	5	Bolt 5/16 x 1-1/4	
5	7274000040	5	Clamp	
6	7660152601	10	Nut 5/16	
7	7950150161	9	Washer 5/16	
8	7115151050	2	Bolt 5/16 x 1-1/4	
9	7274000002	2	Clamp	
10	7274000042	1	Clamp	
11	7443000013	1	Nipple	
12	5526000553	6	Tie-Strap (Not Shown)	
13	8565000007	1 ft	Hose	
400	1001132794	3	Clamp, Hose Kit (Not Shown)	
401	7274000076	3	Clamp	
402	7785152420	3	Screw 5/16 x 1-1/2	
403	7660152601	6	Nut 5/16	
404	7115151050	3	Bolt 5/16 x 1-1/4	
405	7950150161	3	Washer 5/16	
406	7274000040	3	Clamp	
407	7274000042	3	Clamp	

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FIGURE 6-18. HOSE AND CLAMP INSTALLATION (FORD PTO - 167-169IN WB)



ART_1001296179

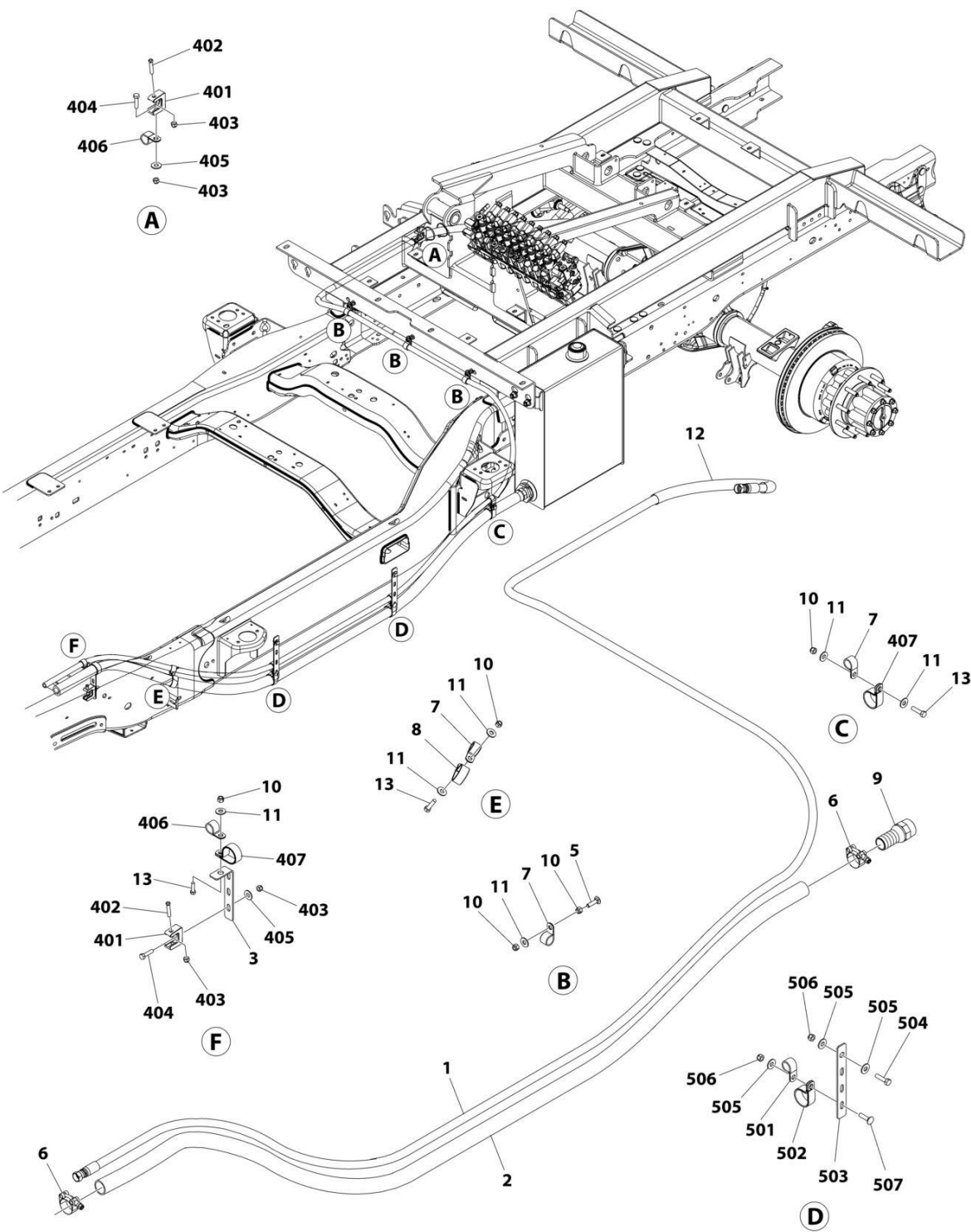
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FIGURE 6-18. HOSE AND CLAMP INSTALLATION (FORD PTO - 167-169IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296179	Ref	HOSE AND CLAMP INSTALLATION	A
1	1001132605	1	Hose	
2	4567130179	1	Hose	
3	4706003844	2	Plate	
4	5526000553	6	Tie-Strap (Not Shown)	
5	7115151050	3	Bolt 5/16 x 1-1/4	
6	7115151064	4	Bolt 5/16 x 1-1/4	
7	7274000002	2	Clamp	
8	7274000040	5	Clamp	
9	7274000042	1	Clamp	
10	7443000013	1	Nipple	
11	7660152601	10	Nut 5/16	
12	7950150161	9	Washer 5/16	
13	8565000007	1 ft	Hose	
400	1001132794	3	Clamp, Hose Kit (Not Shown)	
401	7274000076	3	Clamp	
402	7785152420	3	Screw 5/16 x 1-1/2	
403	7660152601	6	Nut 5/16	
404	7115151050	1	Bolt 5/16 x 1-1/4	
405	7950150161	3	Washer 5/16	
406	7274000040	3	Clamp	
407	7274000042	3	Clamp	
500	1001132800	1	Clamp, Hose Kit (Not Shown)	
501	7274000040	1	Clamp	
502	7274000042	1	Clamp	
503	4706003844	1	Plate	
504	7115151050	1	Bolt 5/16 x 1-1/4	
505	7950150161	3	Washer 5/16	
506	7660152601	2	Nut 5/16	
507	7115151064	1	Bolt 5/16 x 1-1/4	

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FIGURE 6-19. HOSE AND CLAMP INSTALLATION (FORD PTO - 179IN WB)



ART_1001296180

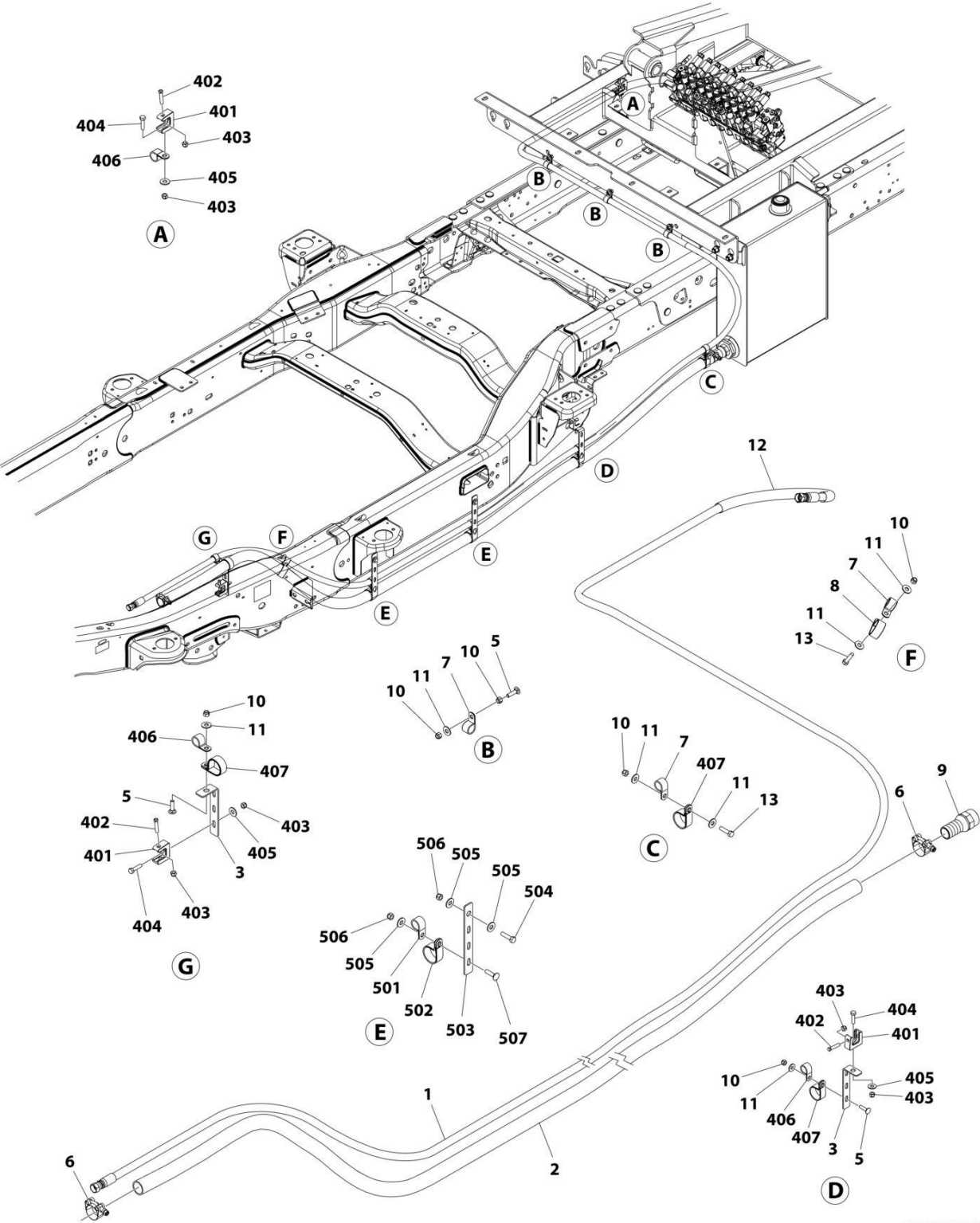
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FIGURE 6-19. HOSE AND CLAMP INSTALLATION (FORD PTO - 179IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296180	Ref	HOSE AND CLAMP INSTALLATION	A
1	1001132608	1	Hose	
2	4567130185	1	Hose	
3	4706003844	1	Plate	
4	5526000553	6	Tie-Strap (Not Shown)	
5	7115151064	4	Bolt 5/16 x 1-1/4	
6	7274000002	2	Clamp	
7	7274000040	5	Clamp	
8	7274000042	1	Clamp	
9	7443000013	1	Nipple	
10	7660152601	9	Nut 5/16	
11	7950150161	8	Washer 5/16	
12	8565000007	1 ft	Hose	
13	7115151050	2	Bolt 5/16 x 1-1/4	
400	1001132794	2	Clamp, Hose Kit (Not Shown)	
401	7274000076	2	Clamp	
402	7785152420	2	Screw 5/16 x 1-1/2	
403	7660152601	4	Nut 5/16	
404	7115151050	2	Bolt 5/16 x 1-1/4	
405	7950150161	2	Washer 5/16	
406	7274000040	2	Clamp	
407	7274000042	2	Clamp	
500	1001132800	2	Clamp, Hose Kit (Not Shown)	
501	7274000040	2	Clamp	
502	7274000042	2	Clamp	
503	4706003844	2	Plate	
504	7115151050	2	Bolt 5/16 x 1-1/4	
505	7950150161	6	Washer 5/16	
507	7115151064	2	Bolt 5/16 x 1-1/4	

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FIGURE 6-20. HOSE AND CLAMP INSTALLATION (FORD PTO - 192IN WB)



ART_1001296181

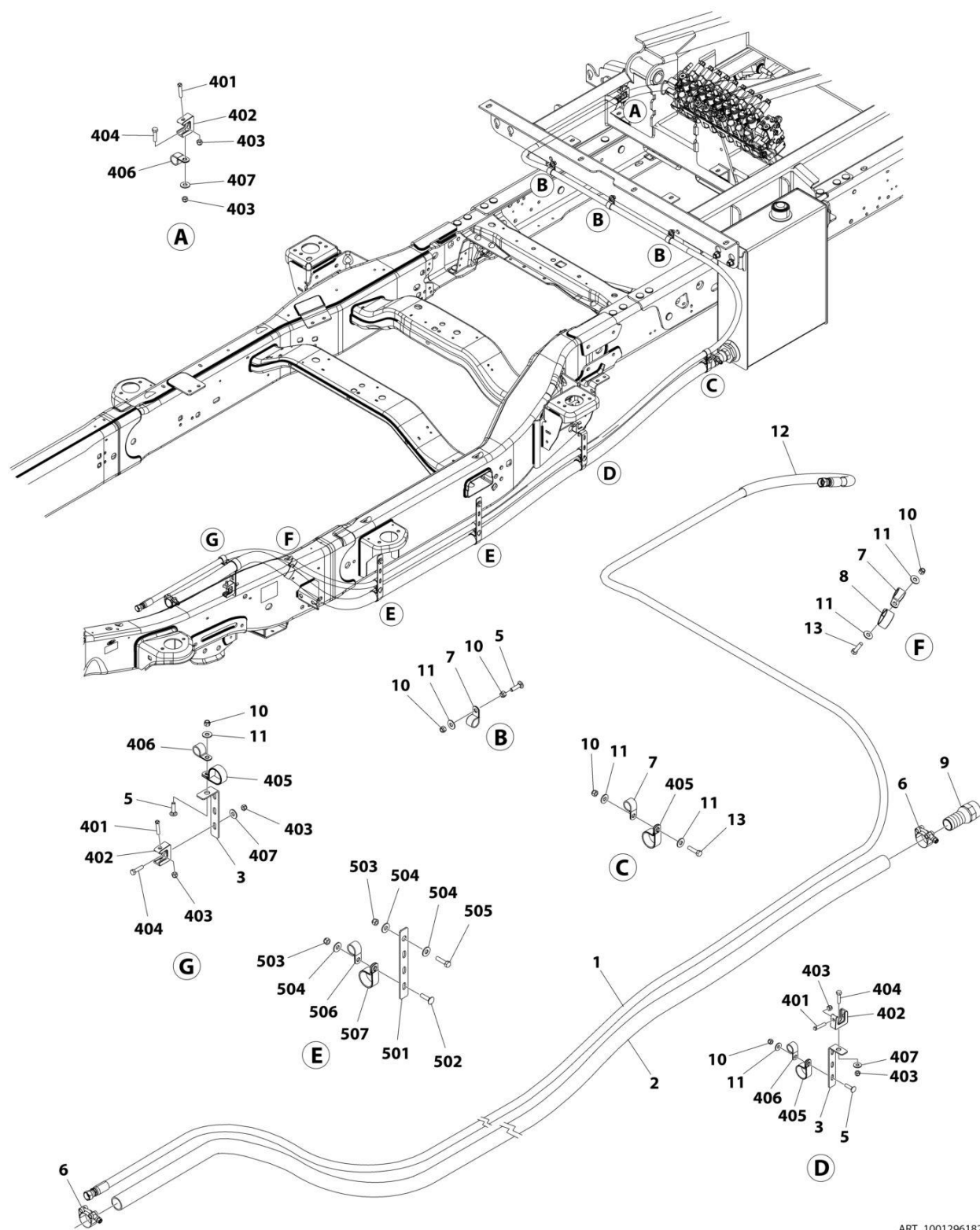
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FIGURE 6-20. HOSE AND CLAMP INSTALLATION (FORD PTO - 192IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296181	Ref	HOSE AND CLAMP INSTALLATION	A
1	1001132613	1	Hose	
2	4567130205	1	Hose	
3	4706003844	2	Plate	
4	5526000553	6	Tie-Strap (Not Shown)	
5	7115151064	5	Bolt 5/16 x 1-1/4	
6	7274000002	2	Clamp	
7	7274000040	5	Clamp	
8	7274000042	1	Clamp	
9	7443000013	1	Nipple	
10	7660152601	10	Nut 5/16	
11	7950150161	9	Washer 5/16	
12	8565000007	1 ft	Hose	
13	7115151050	2	Bolt 5/16 x 1-1/4	
400	1001132794	3	Clamp, Hose Kit (Not Shown)	
401	7274000076	3	Clamp	
402	7785152420	3	Screw 5/16 x 1-1/2	
403	7660152601	6	Nut 5/16	
404	7115151050	3	Bolt 5/16 x 1-1/4	
405	7950150161	3	Washer 5/16	
406	7274000040	3	Clamp	
407	7274000042	3	Clamp	
500	1001132800	2	Clamp, Hose Kit (Not Shown)	
501	7274000040	2	Clamp	
502	7274000042	2	Clamp	
503	4706003844	2	Plate	
504	7115151050	2	Bolt 5/16 x 1-1/4	
505	7950150161	6	Washer 5/16	
506	7660152601	4	Nut 5/16	
507	7115151064	2	Bolt 5/16 x 1-1/4	

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FIGURE 6-21. HOSE AND CLAMP INSTALLATION (FORD PTO - 203IN WB)



ART_1001296182

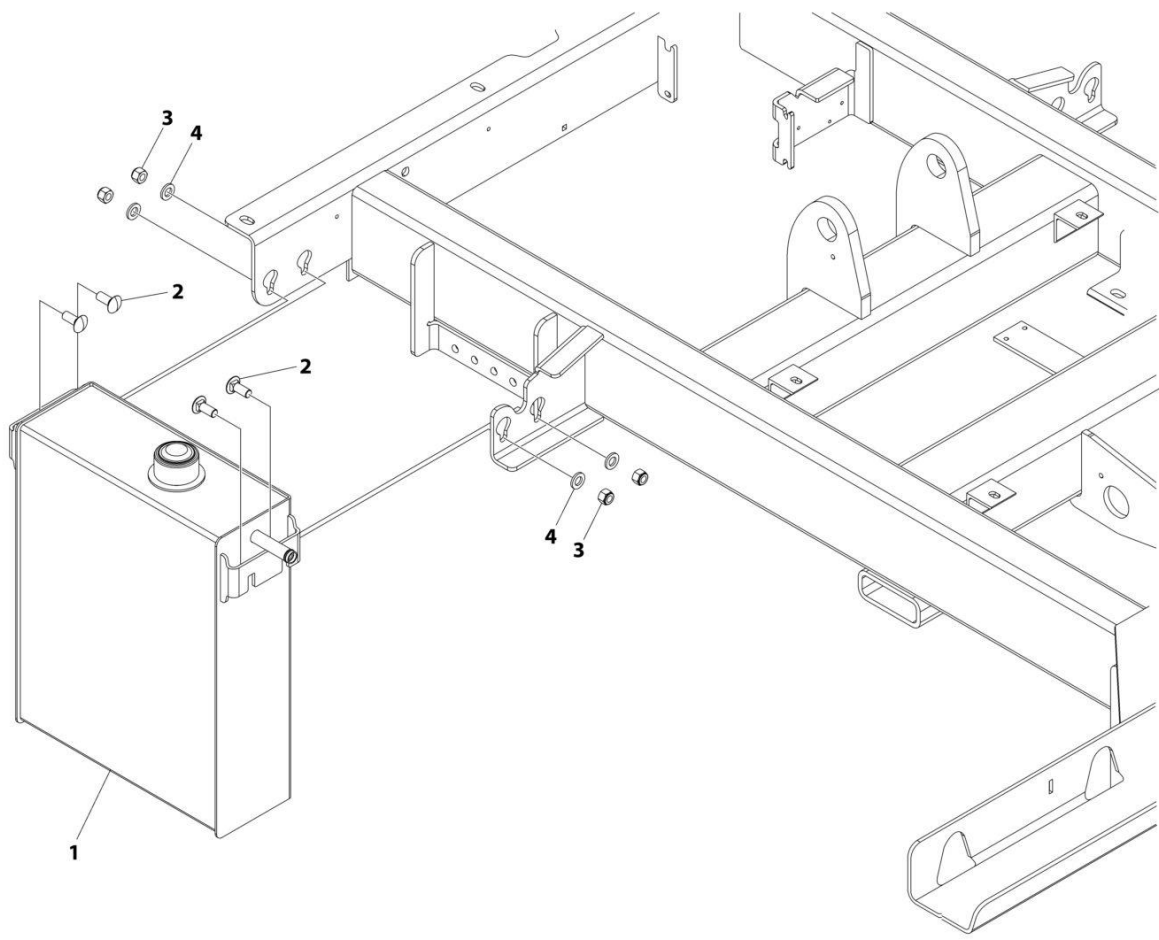
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FIGURE 6-21. HOSE AND CLAMP INSTALLATION (FORD PTO - 203IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296182	Ref	HOSE AND CLAMP INSTALLATION	A
1	1001132617	1	Hose	
2	4567130212	1	Hose	
3	4706003844	2	Plate	
4	5526000553	6	Tie-Strap (Not Shown)	
5	7115151064	5	Bolt 5/16 x 1-1/4	
6	7274000002	2	Clamp	
7	7274000040	5	Clamp	
8	7274000042	1	Clamp	
9	7443000013	1	Nipple	
10	7660152601	10	Nut 5/16	
11	7950150161	9	Washer 5/16	
12	8565000007	1 ft	Hose	
13	7115151050	2	Bolt 5/16 x 1-1/4	
400	1001132794	3	Clamp, Hose Kit (Not Shown)	
401	7785152420	3	Screw 5/16 x 1-1/2	
402	7274000076	3	Clamp	
403	7660152601	6	Nut 5/16	
404	7115151050	3	Bolt 5/16 x 1-1/4	
405	7274000042	3	Clamp	
406	7274000040	3	Clamp	
407	7950150161	3	Washer 5/16	
500	1001132800	3	Clamp, Hose Kit (Not Shown)	
501	4706003844	3	Plate	
502	7115151064	3	Bolt 5/16 x 1-1/4	
503	7660152601	6	Nut 5/16	
504	7950150161	9	Washer 5/16	
505	7115151050	3	Bolt 5/16 x 1-1/4	
506	7274000040	3	Clamp	
507	7274000042	3	Clamp	

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FIGURE 6-22. TANK (HYDRAULIC) INSTALLATION



ART_2509650093

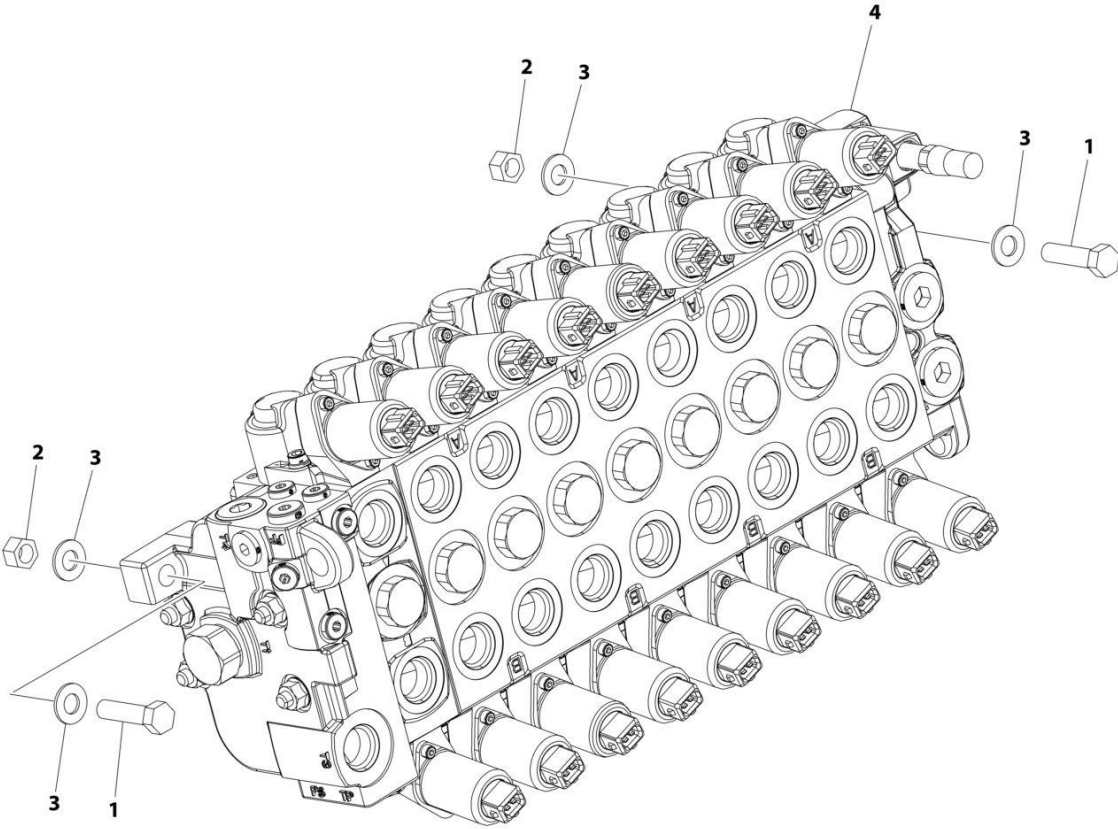
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FIGURE 6-22. TANK (HYDRAULIC) INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2509650093	Ref	TANK (HYDRAULIC) INSTALLATION	0
1	3750000061	1	Tank, Hydraulic	
2	7115181064	4	Bolt 1/2 x 1-1/4	
3	7660182601	4	Nut 1/2	
4	7950180153	4	Washer 1/2	

SECTION 6 - HYDRAULIC

FIGURE 6-23. VALVE INSTALLATION - MPL



ART_1001296215

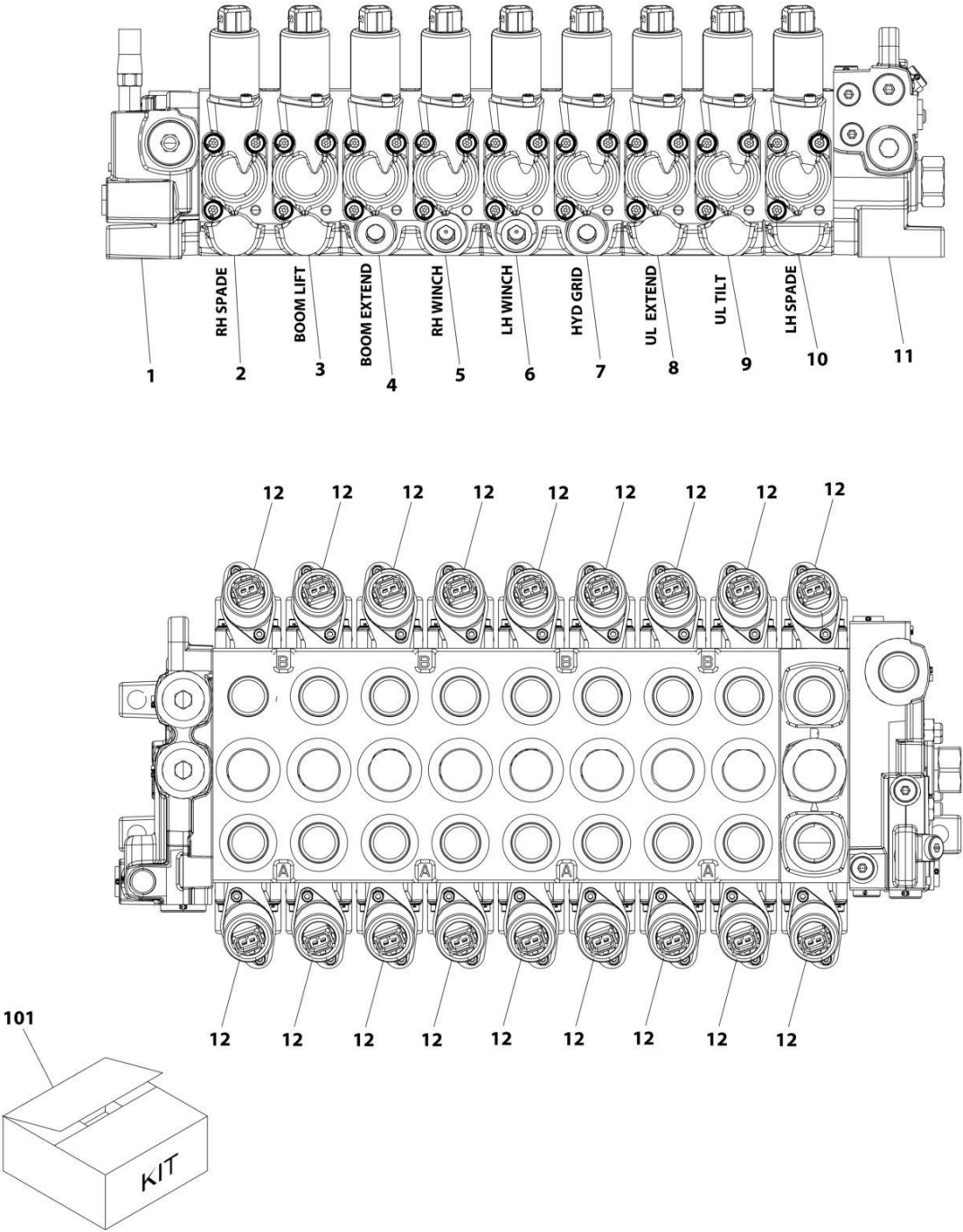
SECTION 6 - HYDRAULIC

FIGURE 6-23. VALVE INSTALLATION - MPL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296215	Ref	MPL VALVE INSTALLATION	A
1	0641612	3	Bolt 3/8 x 1-1/2	
2	3311605	3	Nut 3/8	
3	4711600	6	Washer 3/8	
4	1001291186	1	MPL Valve Assembly (See Separate Breakdown in this Section)	

SECTION 6 - HYDRAULIC

FIGURE 6-24. VALVE ASSEMBLY - MPL



ART_1001291186

SECTION 6 - HYDRAULIC

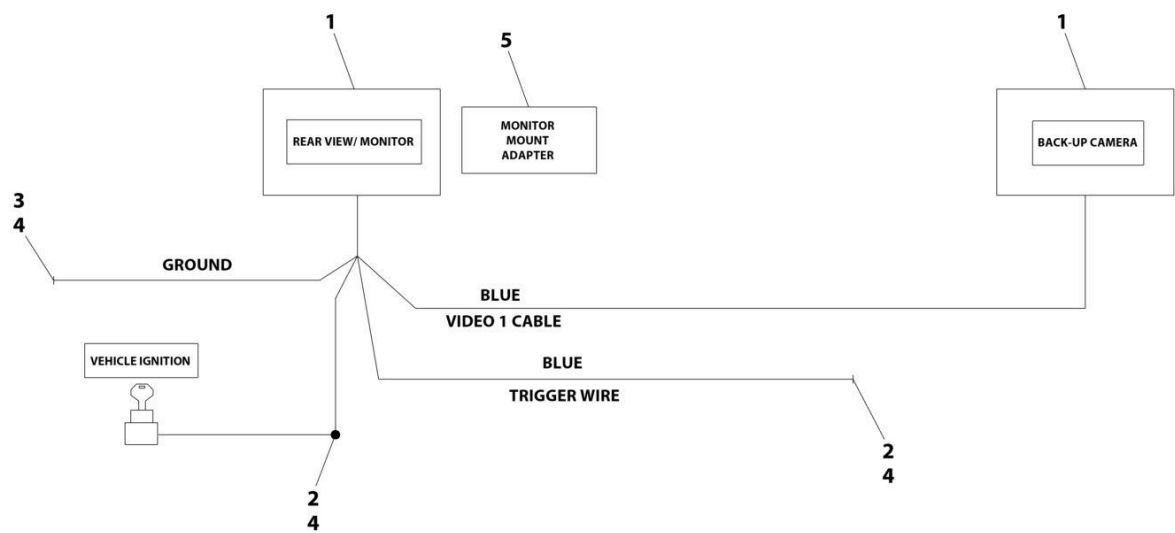
FIGURE 6-24. VALVE ASSEMBLY - MPL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291186	Ref	VALVE, CONTROL 9 SECTION - 9 SOLENOID	D
1	70070150	1	Inlet Section	
2	70070143	1	RH Spade Section	
3	70070143	1	Boom Lift Section	
4	70070144	1	Boom Ext Section	
5	70070144	1	RH Winch Section	
6	70070145	1	LH Winch Section	
7	70070145	1	HYD Grid Section	
8	70070147	1	UL Ext Section	
9	70070147	1	UL Lift Section	
10	70070148	1	LH Spade Section	
11	70070149	1	End Section	
12	70070160	18	Solenoid	
101	7029088	1	Seal Kit, Intersection	

SECTION 7 - ELECTRICAL

SECTION 7 - ELECTRICAL

FIGURE 7-1. BACKUP CAMERA, REAR VIEW MIRROR



ART_1001142974

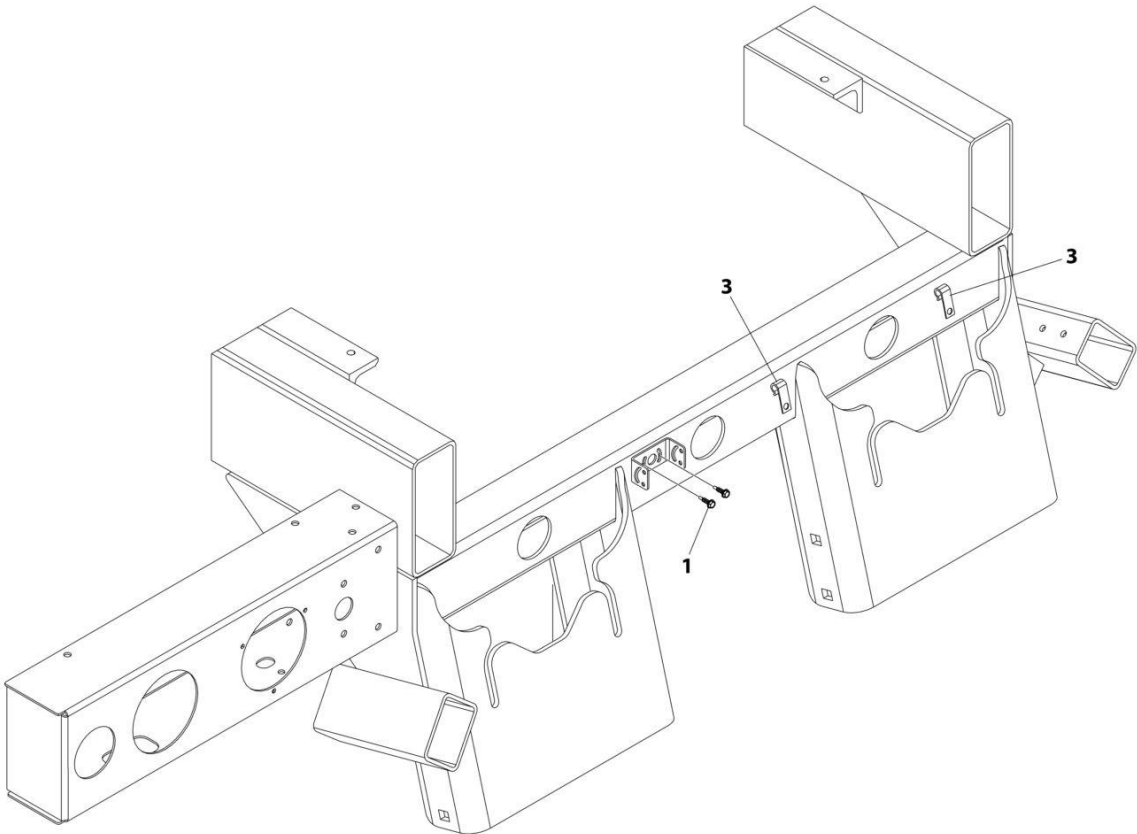
SECTION 7 - ELECTRICAL

FIGURE 7-1. BACKUP CAMERA, REAR VIEW MIRROR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142974	Ref	BACKUP CAMERA IN REAR VIEW MIRROR INSTALLATION	B
1	1001139909	1	Camera System	
2	7345001914	2	Terminal	
3	7345221902	1	Terminal	
4	7346000039	AR	Tubing	
5	1001229606	1	Monitor Mount Adapter	

SECTION 7 - ELECTRICAL

FIGURE 7-2. BACKUP CAMERA, CHASSIS SUPPLIED



ART_1001220181

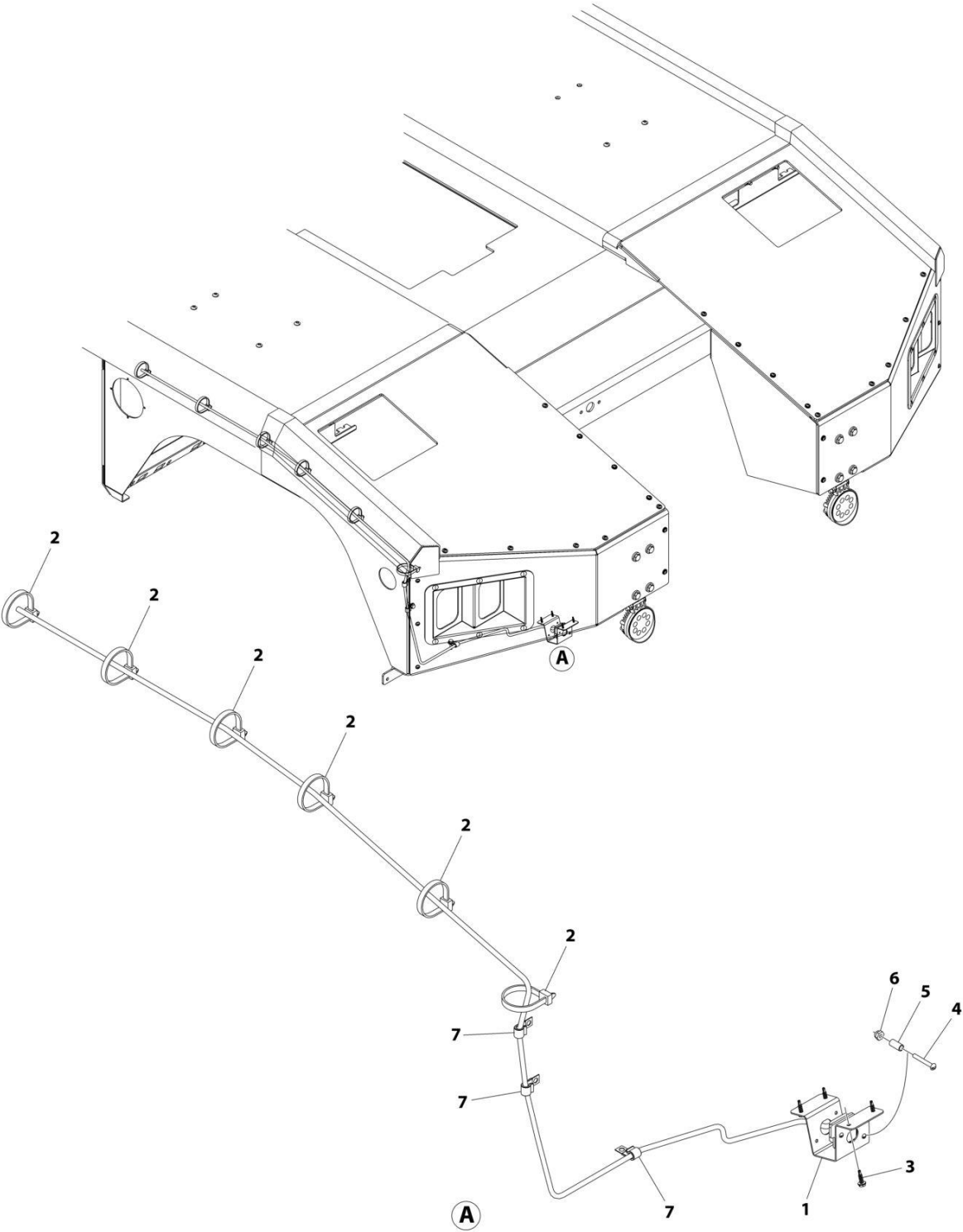
SECTION 7 - ELECTRICAL

FIGURE 7-2. BACKUP CAMERA, CHASSIS SUPPLIED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220181	Ref	Backup Camera Installation - Chassis (OEM Supplied)	C
1	7120000034	2	Screw #10 x 3/4	
2	5526000553	40	Tie Strap	
3	7280000018	2	Clip	

SECTION 7 - ELECTRICAL

FIGURE 7-3. BACK UP CAMERA INSTALLATION - CHASSIS SUPPLIED (CV515 ONLY)



ART_1001255485

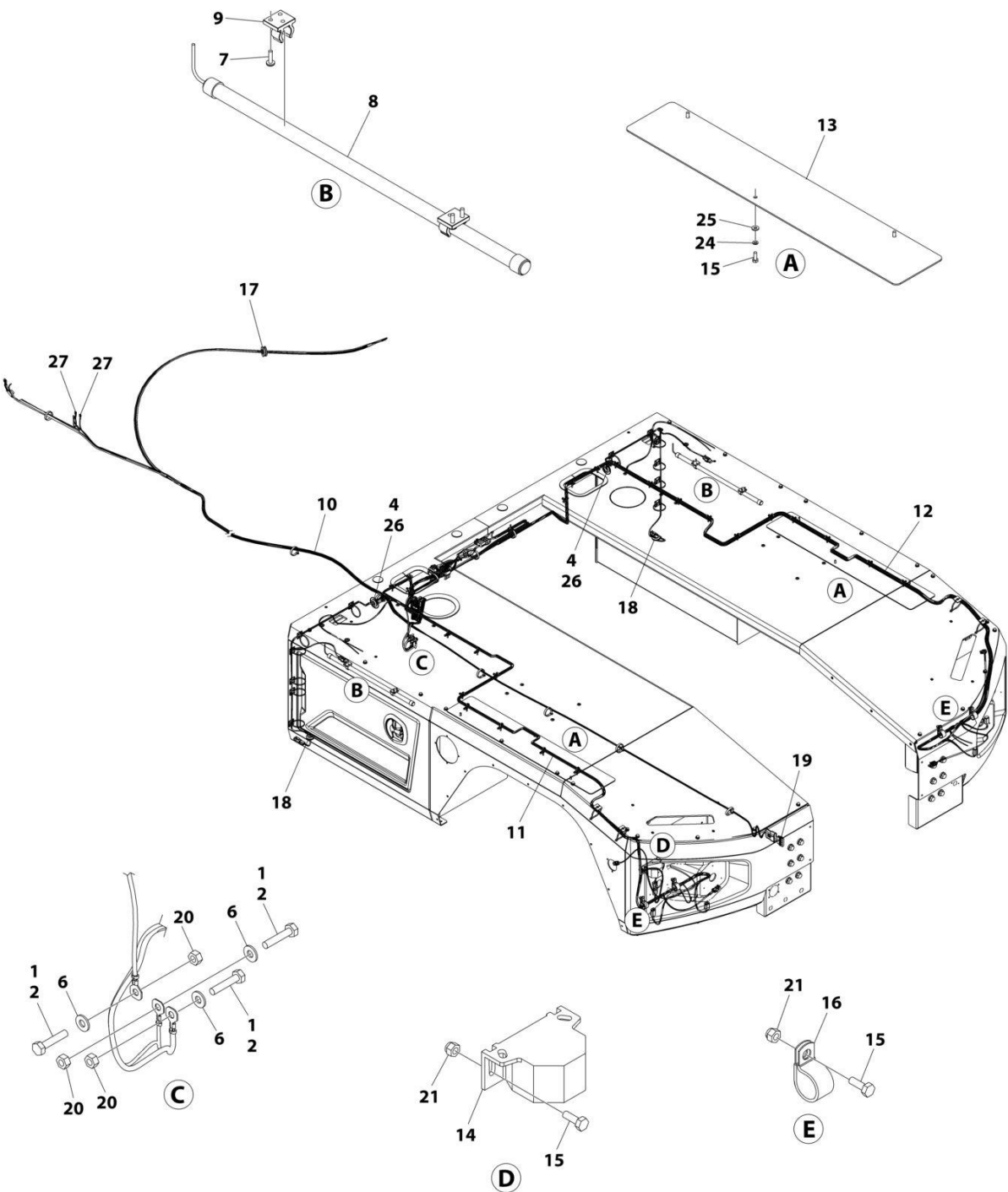
SECTION 7 - ELECTRICAL

FIGURE 7-3. BACK UP CAMERA INSTALLATION - CHASSIS SUPPLIED (CV515 ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255485	Ref	BACK UP CAMERA INSTALLATION - CHASSIS SUPPLIED (CV515 ONLY)	B
1	1001255484	1	Bracket	
2	5526000553	15	Tie Strap	
3	7120000034	4	Screw #10 x 3/4	
4	7114060810	2	Capscrew #6 x 1	
5	4564088	2	Spacer	
6	7660062604	2	Nut #6	
7	7280000018	5	Clip	

SECTION 7 - ELECTRICAL

FIGURE 7-4. BODY WIRING INSTALLATION



ART_1001291366

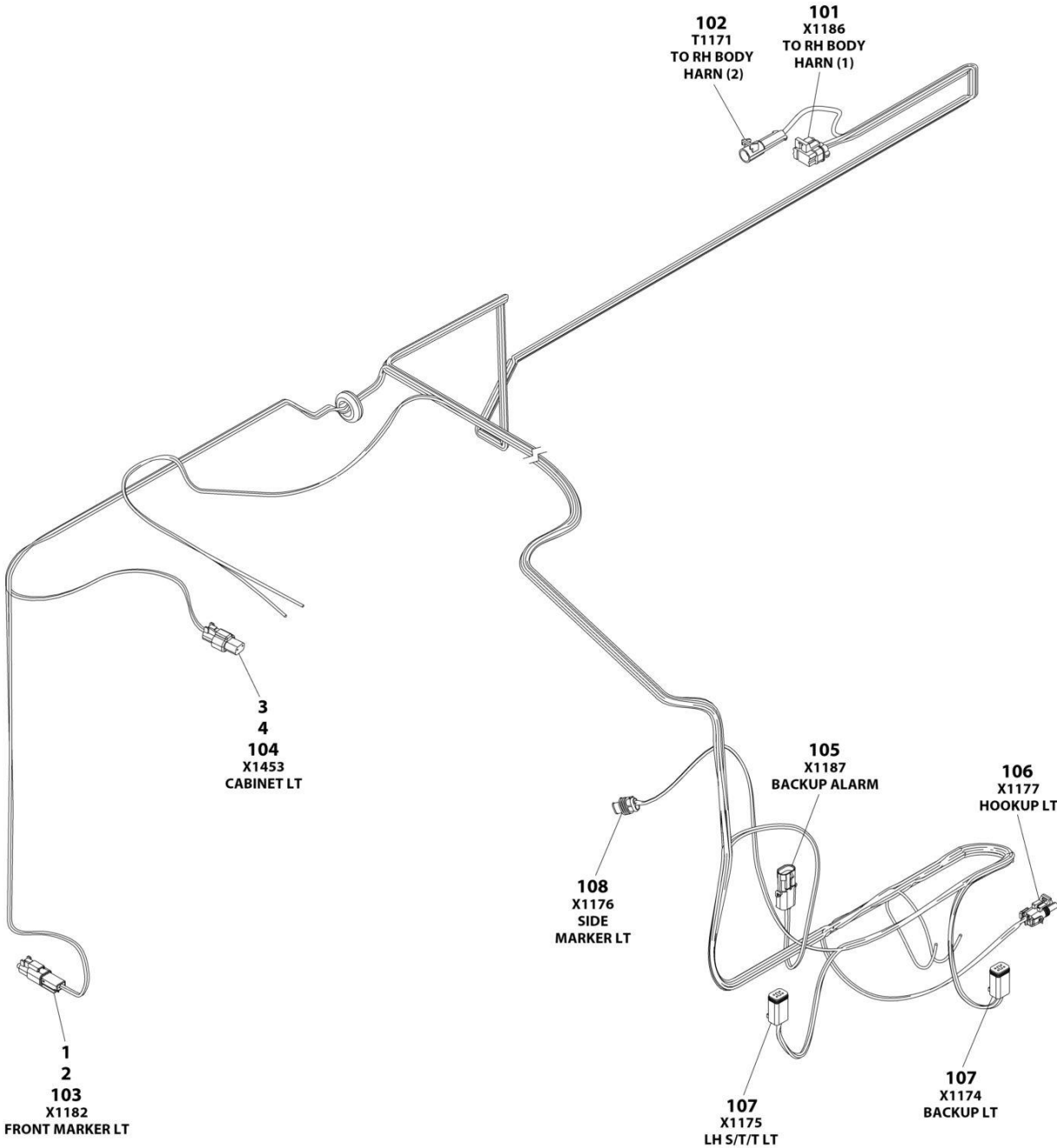
SECTION 7 - ELECTRICAL

FIGURE 7-4. BODY WIRING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291366	Ref	BODY WIRING INSTALLATION - NO FUEL FILLER	A
1	0100011	AR	Compound Locking	
2	0641410	3	Bolt 1/4 x 1-1/4	
3	4240033	16	Tie-Strap (Not Shown)	
4	4420002	AR	Tape	
5	4460234	16	Mount, Cable-Tie (Not Shown)	
6	4711400	3	Washer 1/4	
7	1001154530	8	Screw #8 x 5/8	
8	1001189906	2	Lamp	
9	1001199081	4	Mount	
10	1001291050	1	Harness, Cab Subframe (See Separate Breakdown in this Section)	
11	1001291064	1	Harness, Body LH (See Separate Breakdown in this Section)	
12	1001291065	1	Harness, Body RH (See Separate Breakdown in this Section)	
13	1001298621	2	Plate	
14	7011000006	1	Alarm	
15	7114140650	12	Bolt 1/4 x 3/4	
16	7274000105	4	Clamp	
17	7493000003	1	Grommet	
18	7493000030	2	Grommet	
19	7577000194	1	Connector Kit	
20	7660140001	3	Nut 1/4	
21	7660142604	6	Nut 1/4	
22	7894000004	16	Tie-Strap (Not Shown)	
23	7894000042	28	Tie-Strap (Not Shown)	
24	7950140003	6	Washer 1/4	
25	7950140143	6	Washer 1/4	
26	8798820001	AR	Sealant	
27	0100048	AR	Grease, Dielectric	

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FIGURE 7-5. BODY HARNESS - LH



ART_1001291064

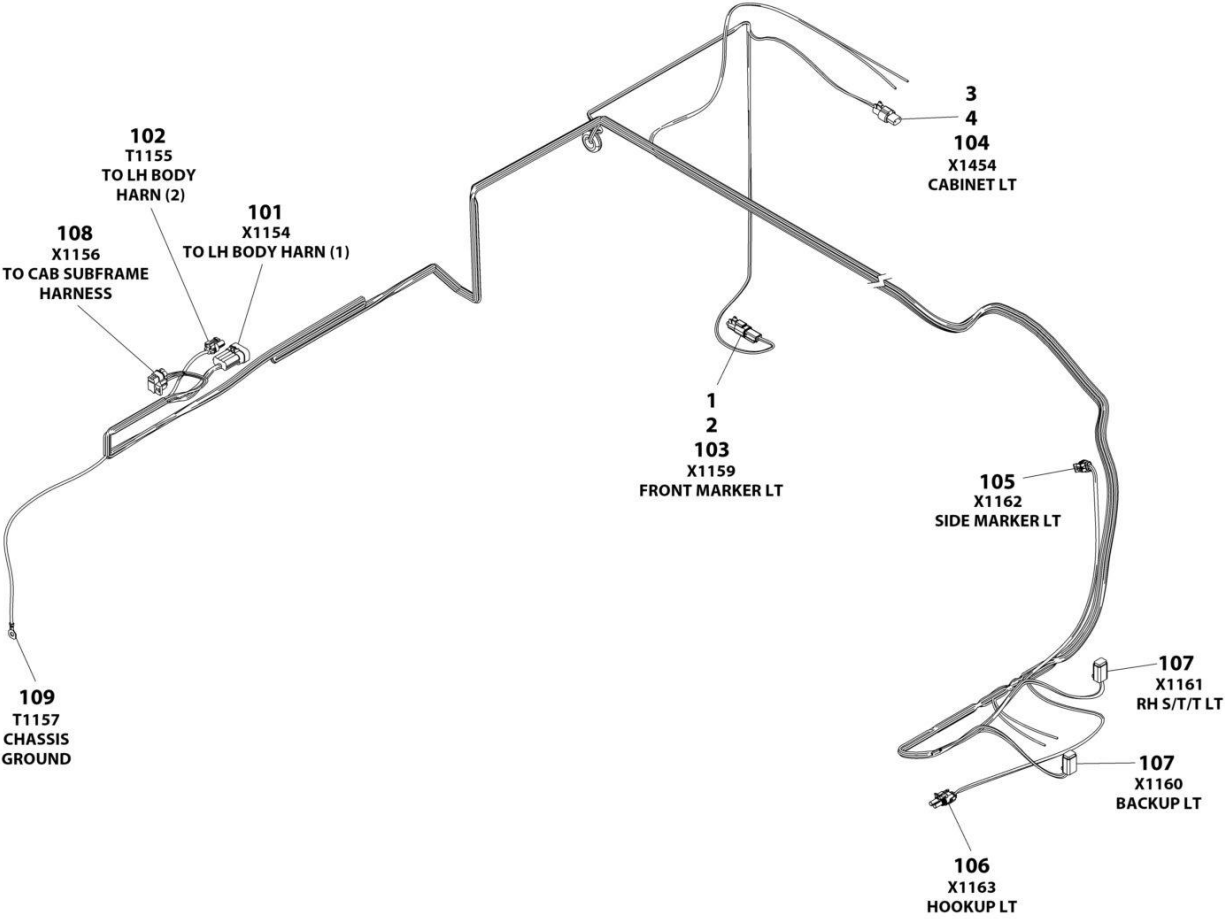
SECTION 7 - ELECTRICAL

FIGURE 7-5. BODY HARNESS - LH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291064	Ref	BODY HARNESS - LH	C
1	4460891	1	Connector	
2	4460466	2	Plug	
3	4460897	1	Connector	
4	4460464	2	Pin	
101	1001288566	1	Connector	
101	8220124	6	Socket	
101	1001116751	2	Plug	
101	4460458	6	Seal	
102	1001119106	1	Connector	
102	1001119755	1	Socket	
102	80963067	1	Seal	
103	4460897	1	Connector	
103	4460464	2	Pin	
104	4460891	4	Connector	
104	4460465	2	Socket	
105	4461157	1	Connector	
105	4460475	2	Pin	
105	4460789	2	Seal	
106	4460742	1	Connector	
106	4460457	2	Pin	
106	4460789	2	Seal	
107	4460884	2	Connector	
107	4460465	8	Socket	
108	4461118	1	Connector	
108	1001107854	2	Socket	
108	1001104498	2	Seal	

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FIGURE 7-6. BODY HARNESS - RH



ART_1001291065

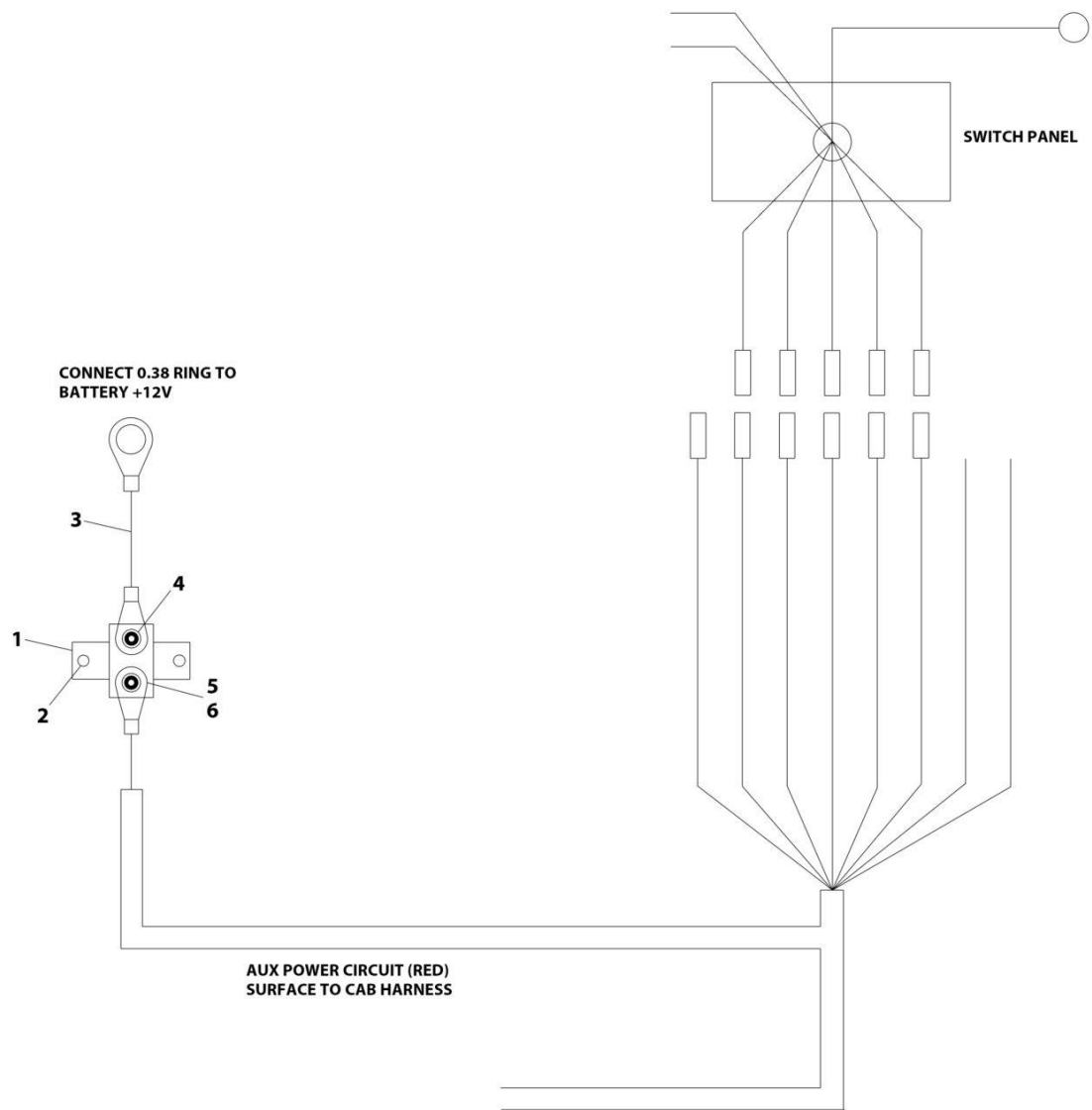
SECTION 7 - ELECTRICAL

FIGURE 7-6. BODY HARNESS - RH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291065	Ref	BODY HARNESS - RH	C
1	4460891	1	Connector	
2	4460466	2	Plug	
3	4460897	1	Connector	
4	4460464	2	Pin	
101	1001288454	1	Connector	
101	1001116749	6	Socket	
101	1001116751	2	Plug	
101	4460458	6	Seal	
102	1001119004	1	Connector	
102	1001119754	1	Socket	
102	80963067	1	Seal	
103	4460897	1	Connector	
103	4460464	2	Pin	
104	4460891	1	Connector	
104	4460465	2	Socket	
105	4461118	1	Connector	
105	1001255628	2	Socket	
105	1001116763	2	Seal	
106	4460742	1	Connector	
106	4460457	2	Pin	
106	4460789	2	Seal	
107	4460884	2	Connector	
107	4460465	8	Socket	
108	1001288566	1	Connector	
108	8220124	7	Socket	
108	1001116751	1	Plug	
108	4460608	7	Seal	
109	1001189077	1	Terminal, Ring	

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FIGURE 7-7. BREAKER INSTALLATION - 50A



ART_1001129883

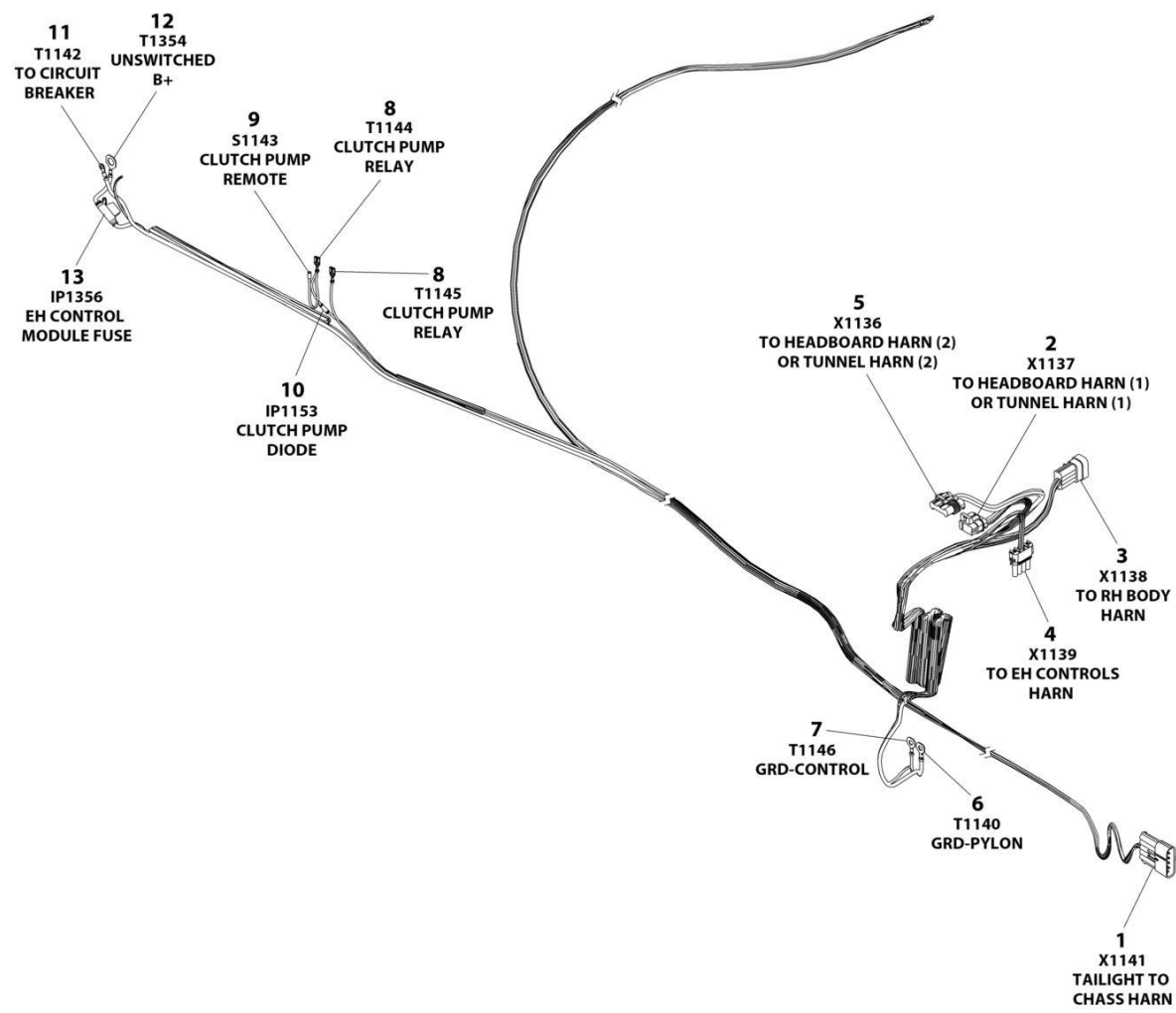
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FIGURE 7-7. BREAKER INSTALLATION - 50A

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129883	Ref	50A BREAKER INSTALLATION	C
1	7457000004	1	Breaker, 50A	
2	7120000034	2	Screw #10 x 3/4	
3	1001129882	1	Harness	
4	7950100151	2	Washer 3/16	
5	7345221902	1	Terminal	
6	4346000005	1	Heat Shrink	

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FIGURE 7-8. CAB SUBFRAME HARNESS



ART_1001291050

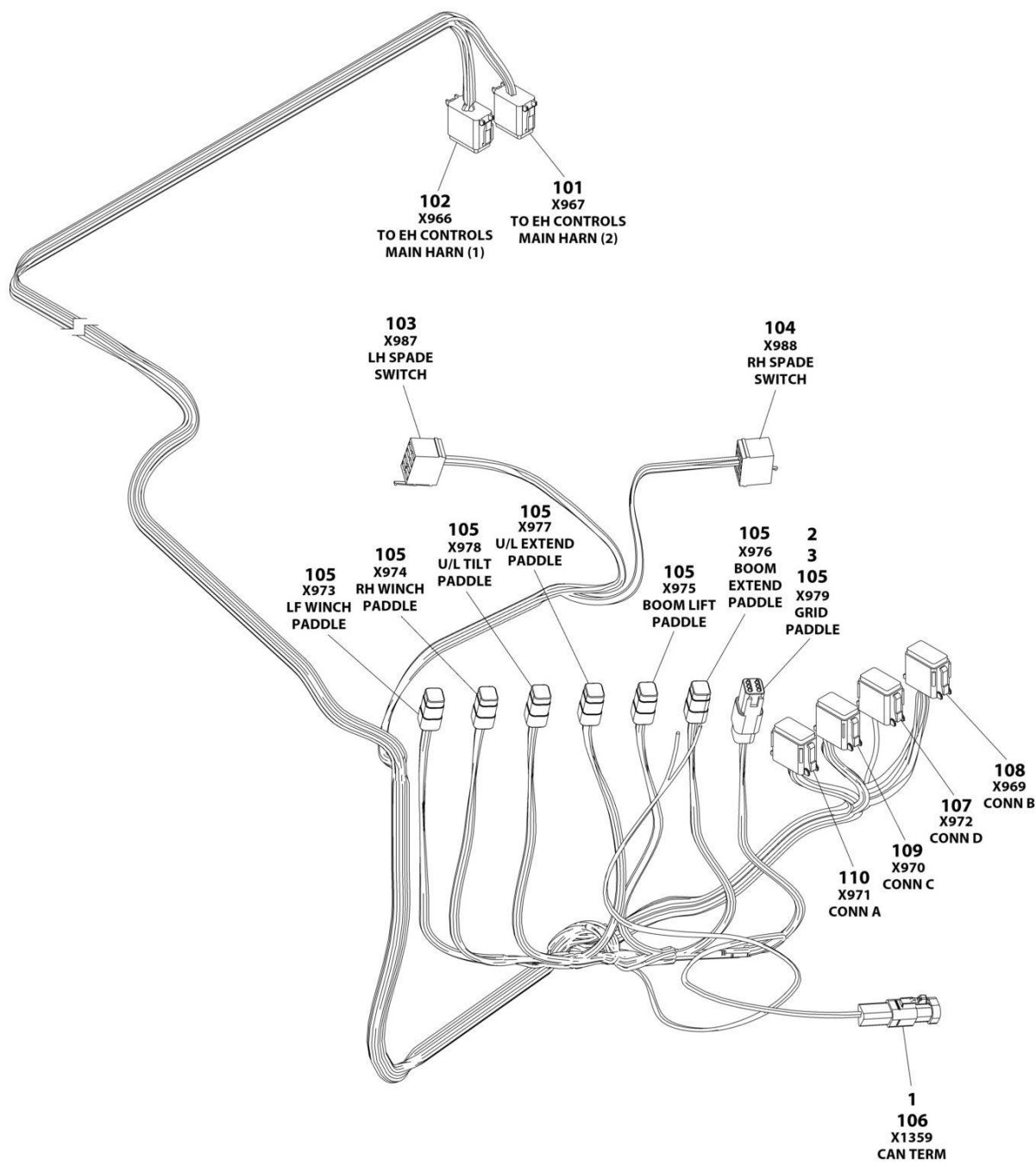
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FIGURE 7-8. CAB SUBFRAME HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291050	Ref	CAB SUBFRAME HARNESS	C
1	1001121727	1	Connector	
1	1001116729	4	Socket	
1	1001116727	1	Plug	
1	4460789	4	Seal	
2	1001288566	1	Connector	
2	8220124	8	Socket	
2	4460608	8	Seal	
3	1001288454	1	Connector	
3	1001116749	8	Socket	
3	1001116751	1	Plug	
3	4460608	8	Seal	
4	4460460	1	Connector	
4	4460457	4	Socket	
4	4460789	4	Seal	
5	8220935	1	Connector	
5	8220099	3	Socket	
5	8220159	3	Seal	
6	1001189077	1	Terminal, Ring	
7	1001207171	1	Terminal, Ring	
8	1001116723	2	Terminal	
9	1001201994	1	Connector	
10	1001100949	1	Diode, 3Amp	
11	1001197407	1	Terminal, Ring	
12	1001187078	1	Terminal, Ring	
13	1001255901	1	Fuse Holder	
13	80983191	1	Fuse, 10Amp	

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FIGURE 7-9. CONTROL STATION HARNESS



ART_1001287948

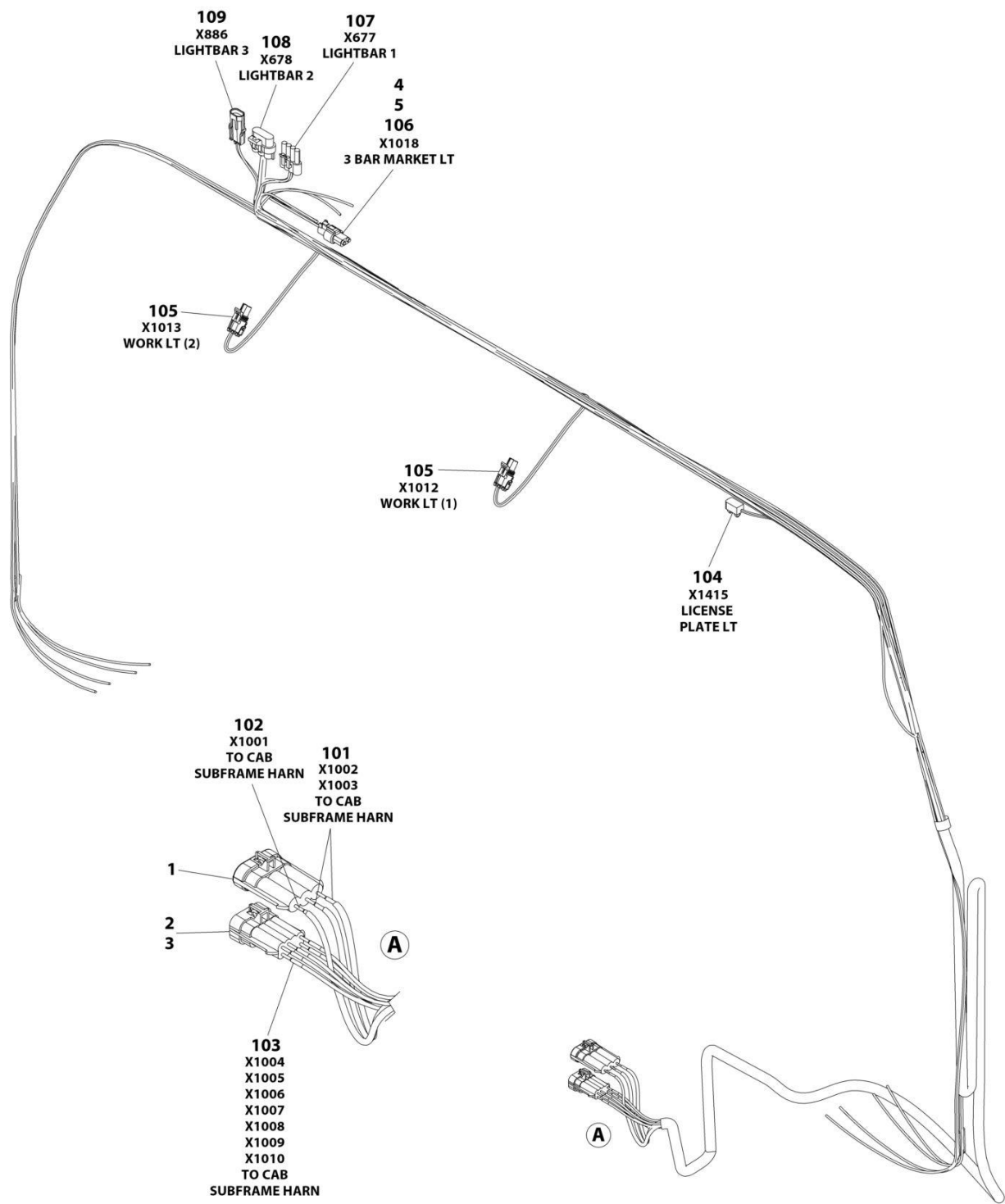
SECTION 7 - ELECTRICAL

FIGURE 7-9. CONTROL STATION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001287948	Ref	CONTROL STATION HARNESS	B
1	1001116815	1	Connector	
2	4461217	1	Connector	
3	4460518	6	Plug	
101	4460930	1	Connector	
101	4460465	8	Plug	
102	4460933	1	Connector	
102	4460465	12	Socket	
103	1001262745	1	Connector	
103	1001118384	6	Socket	
104	8220904	1	Connector	
104	1001118384	6	Socket	
105	4461216	7	Connector	
105	1001126008	42	Socket	
106	1001144147	1	Connector	
106	4460464	2	Pin	
106	4460466	1	Plug	
107	4460935	1	Connector	
107	4460466	11	Plug	
107	4460465	1	Plug	
108	4460836	1	Connector	
108	4460465	8	Plug	
108	4460466	4	Plug	
109	4460934	1	Connector	
109	4460465	12	Plug	
110	4460933	1	Connector	
110	4460465	12	Plug	

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FIGURE 7-10. HEADBOARD HARNESS - BODY MOUNT



ART_1001291067

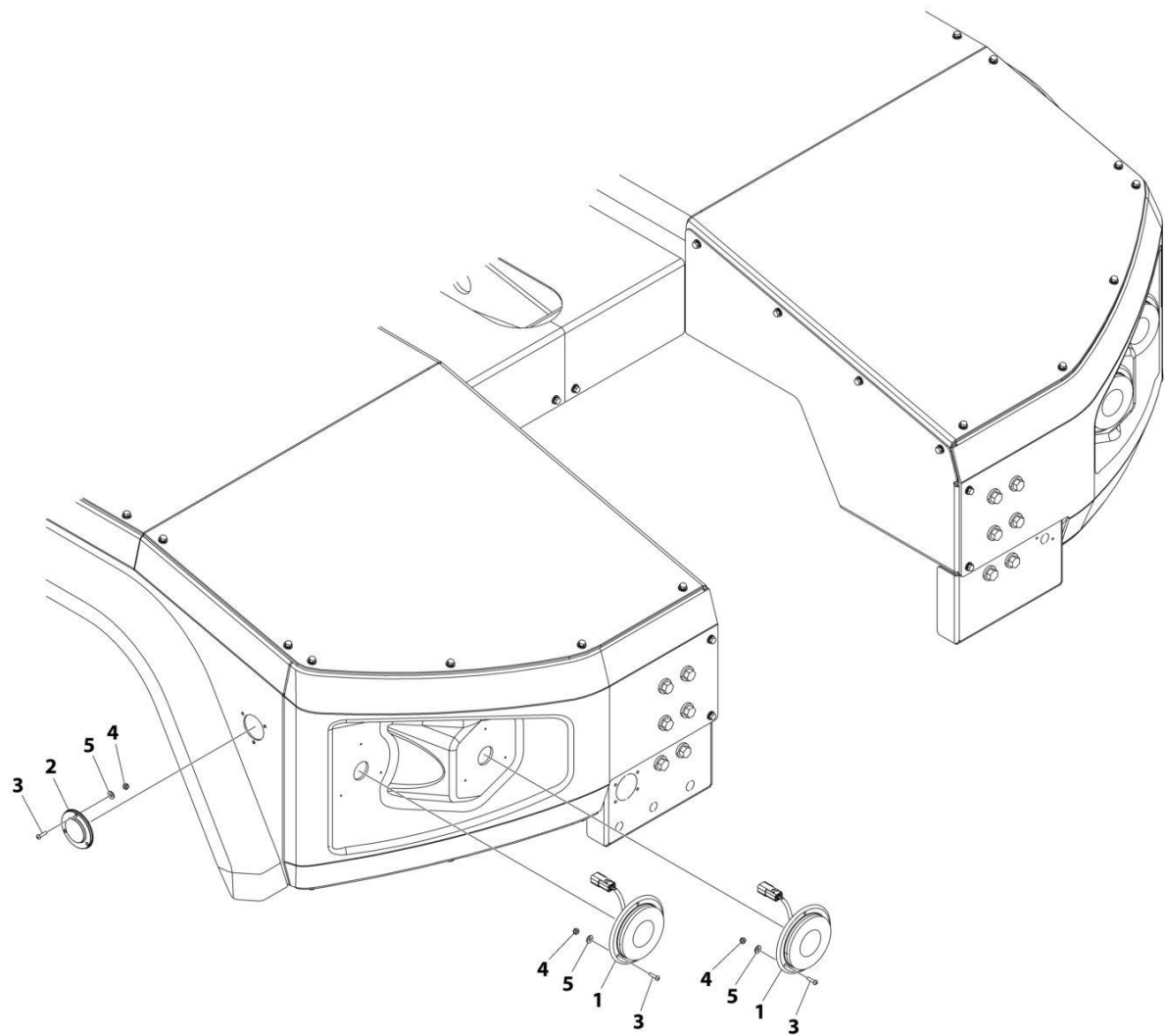
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FIGURE 7-10. HEADBOARD HARNESS - BODY MOUNT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291067	Ref	HEADBOARD HARNESS	C
1	8220934	1	Connector	
2	1001288454	1	Connector	
3	1001116751	1	Plug	
4	4460897	1	Terminal	
5	4460466	2	Terminal	
101	1001277282	2	Terminal	
101	1001288450	2	Seal	
102	8220100	1	Terminal	
102	1001288449	1	Seal	
103	1001288456	7	Terminal	
103	1001288455	7	Seal	
104	1001275791	1	Connector	
105	4460742	2	Connector	
105	4460457	2	Terminal	
105	4460458	2	Seal	
106	4460891	1	Connector	
106	4460465	2	Socket	
107	1001288453	1	Connector	
107	4460457	4	Terminal	
107	4460458	4	Seal	
108	1001288457	1	Connector	
108	8220099	3	Terminal	
108	1001288450	2	Seal	
108	1001288449	1	Seal	
109	4461157	1	Connector	
109	4460475	2	Terminal	
109	4460458	2	Seal	

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FIGURE 7-11. LIGHTS INSTALLATION - 4 TAILLIGHT



ART_1001295047

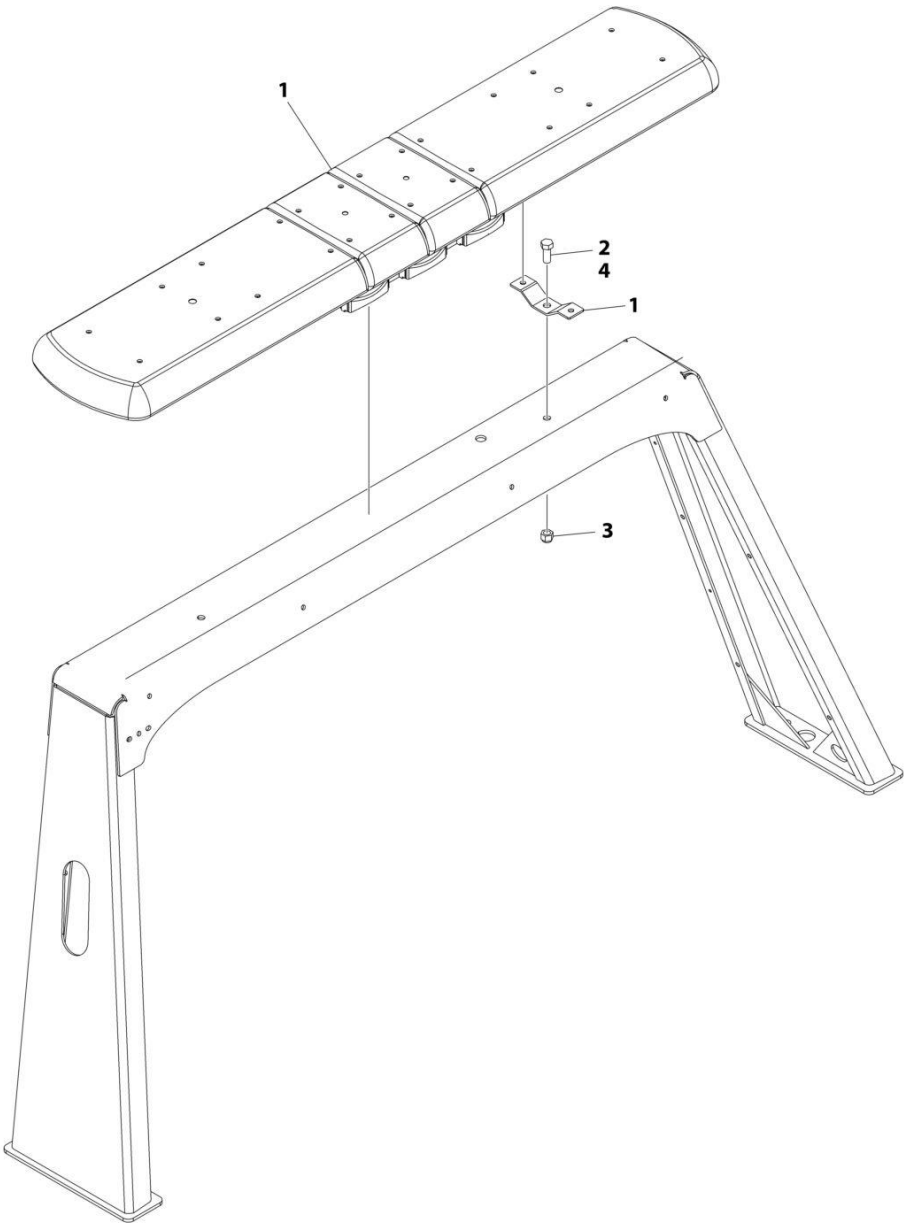
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FIGURE 7-11. LIGHTS INSTALLATION - 4 TAILLIGHT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001295047	Ref	LIGHTS INSTALLATION - 4 TAILLIGHTS (STOP/TURN/TAILLIGHT COMBINED)	A
1	1001295009	4	Lamp (Stop/Turn/Tailight)	
2	1001295294	2	Lamp (Marker)	
3	7114100618	18	Capscrew #10 x 3/4	
4	7660102604	18	Nut #10	
5	7950100151	18	Washer 3/16	

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FIGURE 7-12. LIGHT - LIGHTBAR INSTALLATION - 60IN AMBER ECCO (STANDARD MOUNT)



ART_1001259576

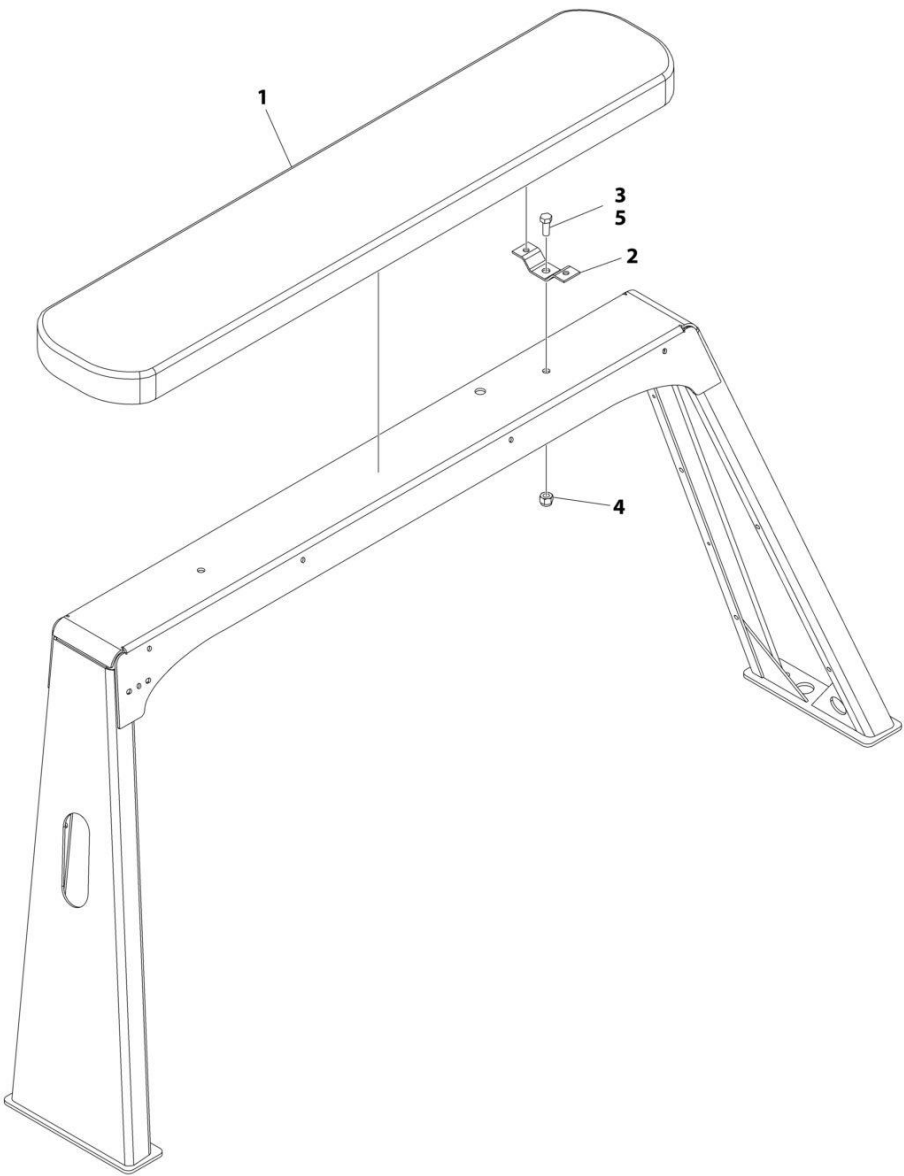
SECTION 7 - ELECTRICAL

FIGURE 7-12. LIGHT - LIGHTBAR INSTALLATION - 60IN AMBER ECCO (STANDARD MOUNT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259576	Ref	LIGHTBAR INSTALLATION - ECCO 60IN (STANDARD MOUNT)	B
1	1001247139	1	Lightbar Assembly (See Separate Breakdown in this Section)	
2	0641810	2	Bolt 1/2 x 1-1/4	
3	7660182601	2	Nut 1/2	
4	0100011	AR	Compound, Locking	

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FIGURE 7-13. LIGHT - LIGHTBAR INSTALLATION - 60IN AMBER 8 LED WHELEN (STANDARD MOUNT)



ART_1001137519

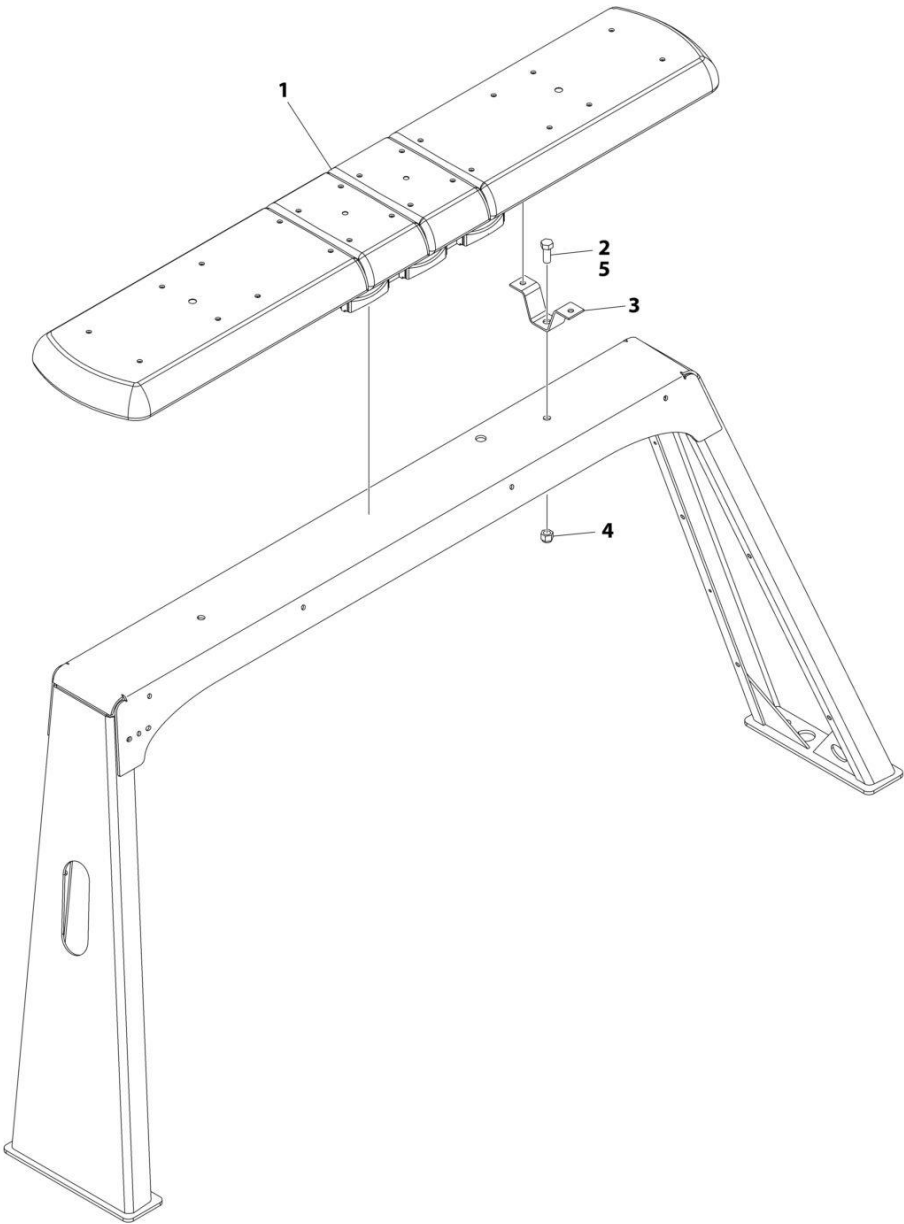
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FIGURE 7-13. LIGHT - LIGHTBAR INSTALLATION - 60IN AMBER 8 LED WHELEN (STANDARD MOUNT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137519	Ref	LIGHT - LIGHTBAR INSTALLATION - 60IN AMBER 8 LED WHELEN (STANDARD MOUNT)	C
1	1001199475	1	Lamp (See Separate Breakdown in this Section)	
2	4178000402	2	Bracket	
3	7115181050	2	Bolt 1/2 x 1-1/4	
4	7660182601	2	Nut 1/2	
5	0100011	AR	Compound, Locking	

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FIGURE 7-14. LIGHT - LIGHTBAR INSTALLATION - 60IN AMBER ECCO (HIGH MOUNT)



ART_1001265004

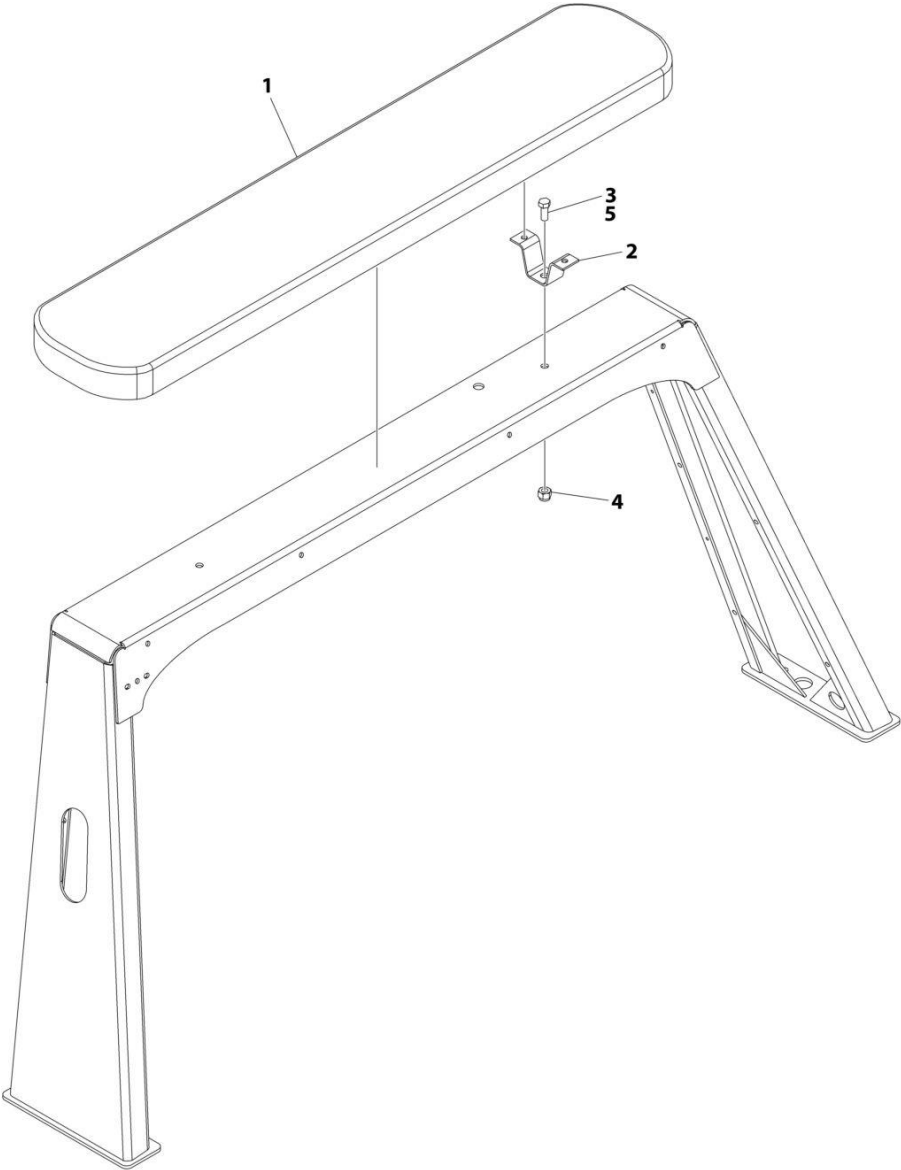
SECTION 7 - ELECTRICAL

FIGURE 7-14. LIGHT - LIGHTBAR INSTALLATION - 60IN AMBER ECCO (HIGH MOUNT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265004	Ref	LIGHTBAR INSTALLATION - ECCO 60IN (HIGH MOUNT)	B
1	1001247139	1	Lightbar Assembly (See Separate Breakdown in this Section)	
2	0641810	2	Bolt 1/2 x 1-1/4	
3	1001262106	2	Bracket	
4	7660182601	2	Nut 1/2	
5	0100011	AR	Compound, Locking	

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FIGURE 7-15. LIGHT - LIGHTBAR INSTALLATION - 60IN AMBER 8 LED WHELEN (HIGH MOUNT)



ART_1001256172

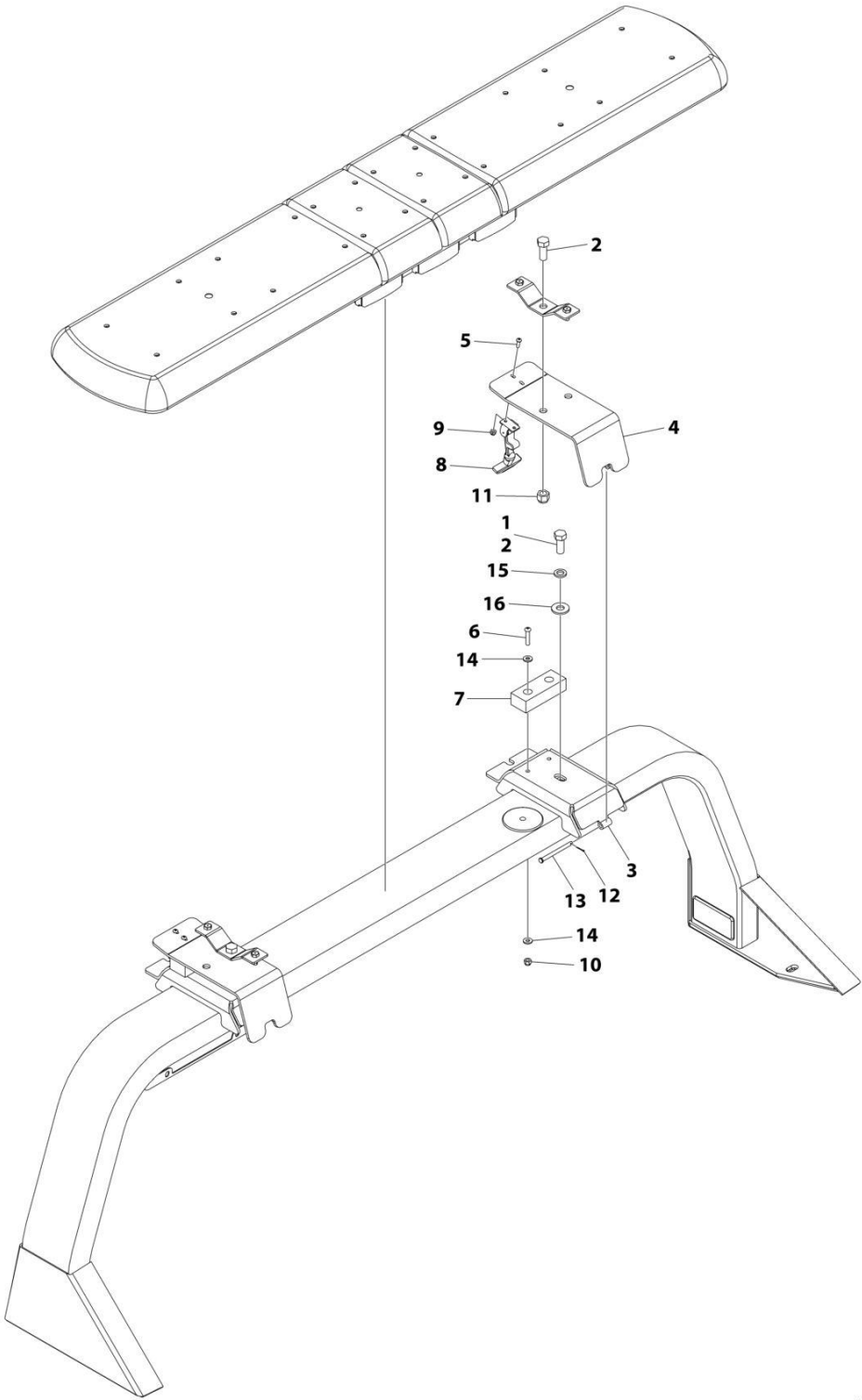
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FIGURE 7-15. LIGHT - LIGHTBAR INSTALLATION - 60IN AMBER 8 LED WHELEN (HIGH MOUNT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256172	Ref	LIGHT - LIGHTBAR INSTALLATION - 60IN AMBER 8 LED WHELEN (HIGH MOUNT)	B
1	1001199475	1	Lamp (See Separate Breakdown in this Section)	
2	4178000437	1	Bracket	
3	7115181050	2	Bolt 1/2 x 1-1/4	
4	7660182601	2	Nut 1/2	
5	0100011	AR	Compound, Locking	

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FIGURE 7-16. LIGHT - LIGHTBAR BRACKET INSTALLATION (FOLDING)



ART_1001301353

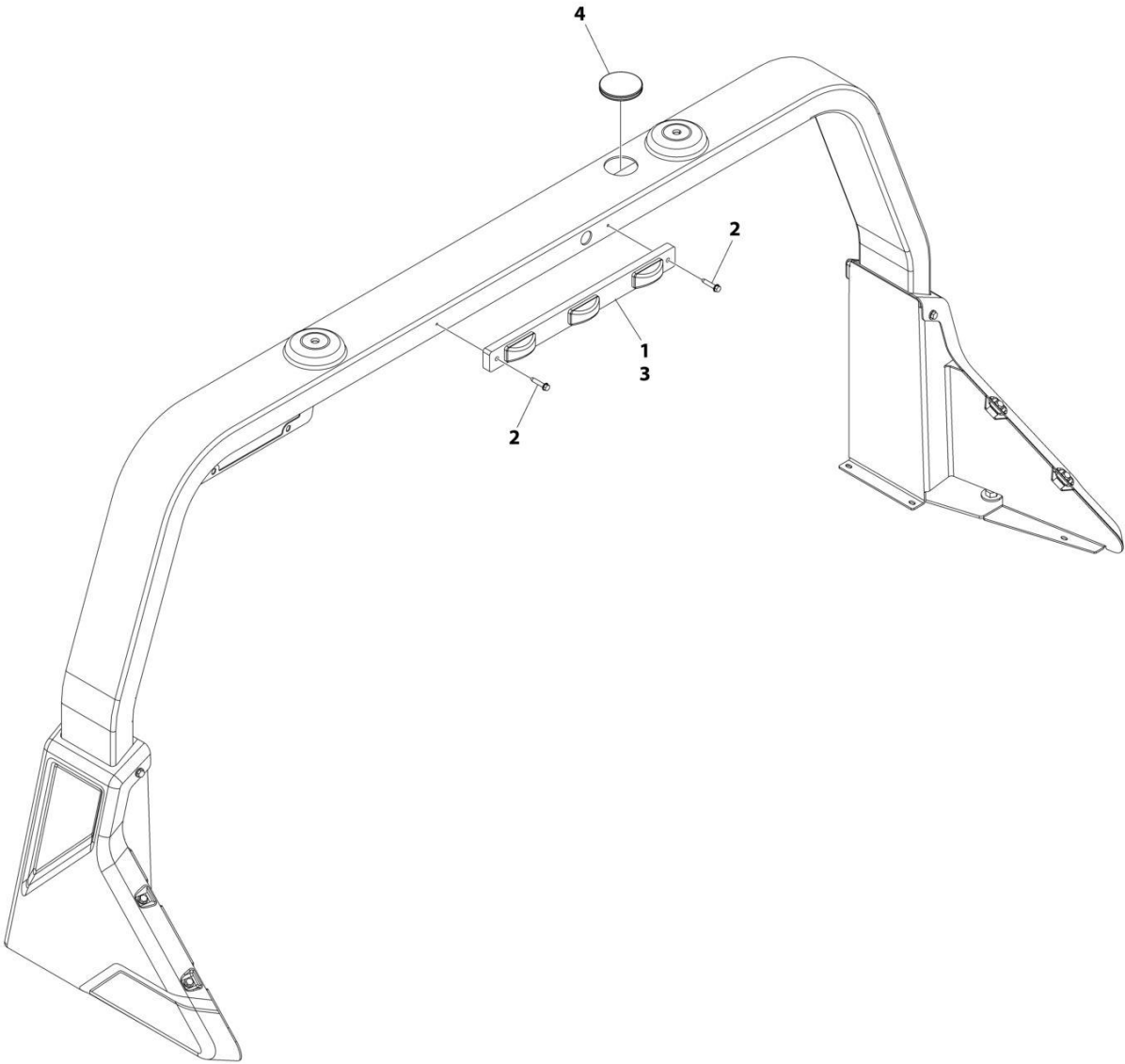
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FIGURE 7-16. LIGHT - LIGHTBAR BRACKET INSTALLATION (FOLDING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001301353	Ref	LIGHTBAR BRACKET INSTALLATION (FOLDING)	A
1	0100011	AR	Compound Locking	
2	0641810	4	Bolt 1/2 x 1-1/4	
3	1001301354	2	Bracket	
4	1001301355	2	Bracket	
5	7114100518	4	Screw #10 x 5/8	
6	7114141018	4	Screw 1/4 x 1-1/4	
7	7189000023	2	Bumper	
8	7585000001	2	Latch	
9	7660102604	4	Nut #10	
10	7660142604	4	Nut 1/4	
11	7660182601	2	Nut 1/2	
12	7690000810	2	Pin, Cotter	
13	7690144800	2	Pin	
14	7950140143	8	Washer 1/4	
15	7950180000	2	Washer 19/32	
16	7950180150	2	Washer 1/2	

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FIGURE 7-17. LIGHTS - PYLON 3-LIGHT MARKER INSTALLATION



ART_1001301812

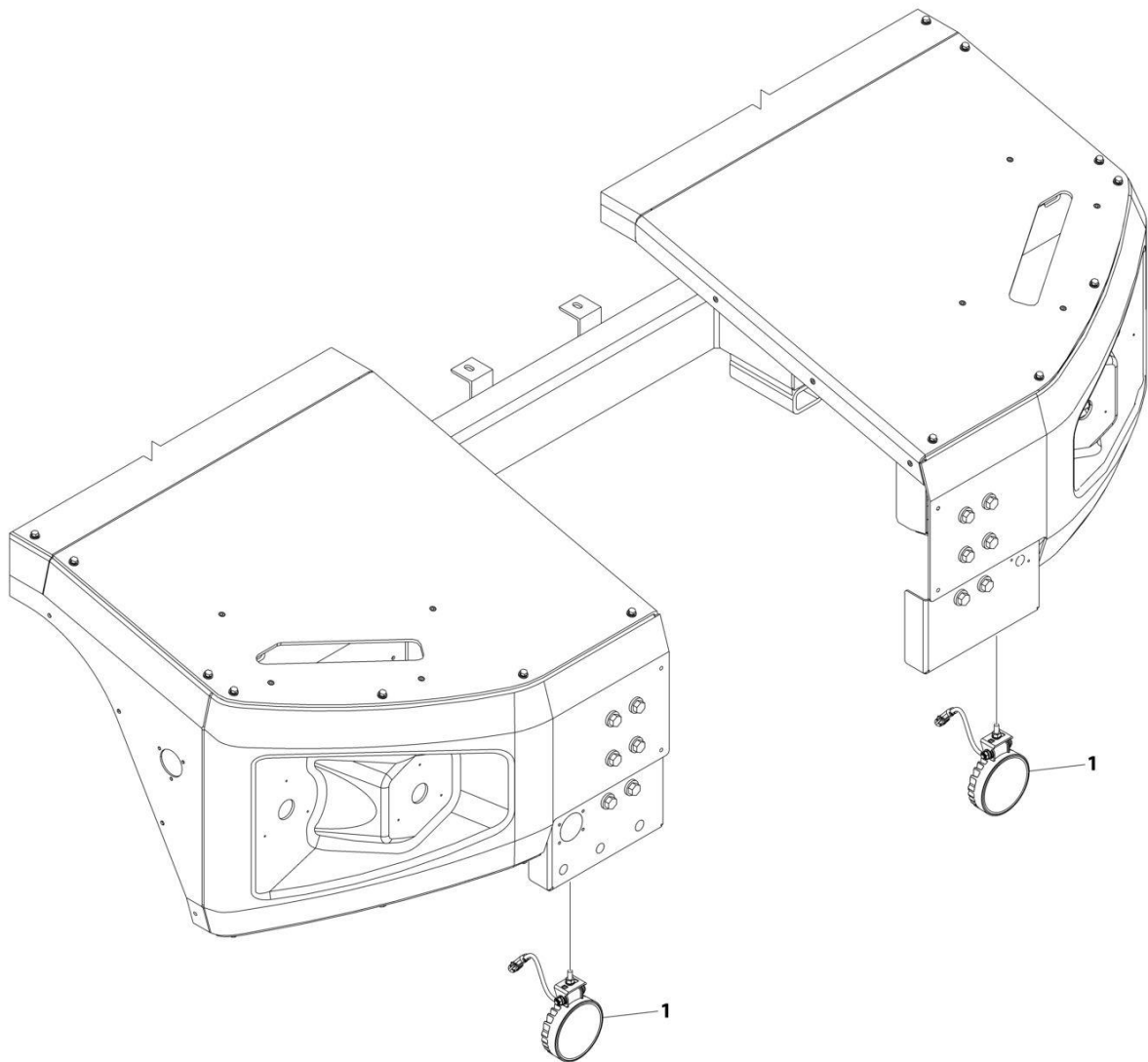
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FIGURE 7-17. LIGHTS - PYLON 3-LIGHT MARKER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001301812	Ref	PYLON 3-LIGHT MARKER INSTALLATION	A
1	7590000316	1	Light	
2	7790142051	2	Screw 1/4 x 1-1/4	
3	4460464	2	Terminal	
4	7493000015	1	Grommet	

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FIGURE 7-18. LIGHT - WORKLIGHTS INSTALLATION (LOWER HOOK UP MOUNTED)



ART_1001296066

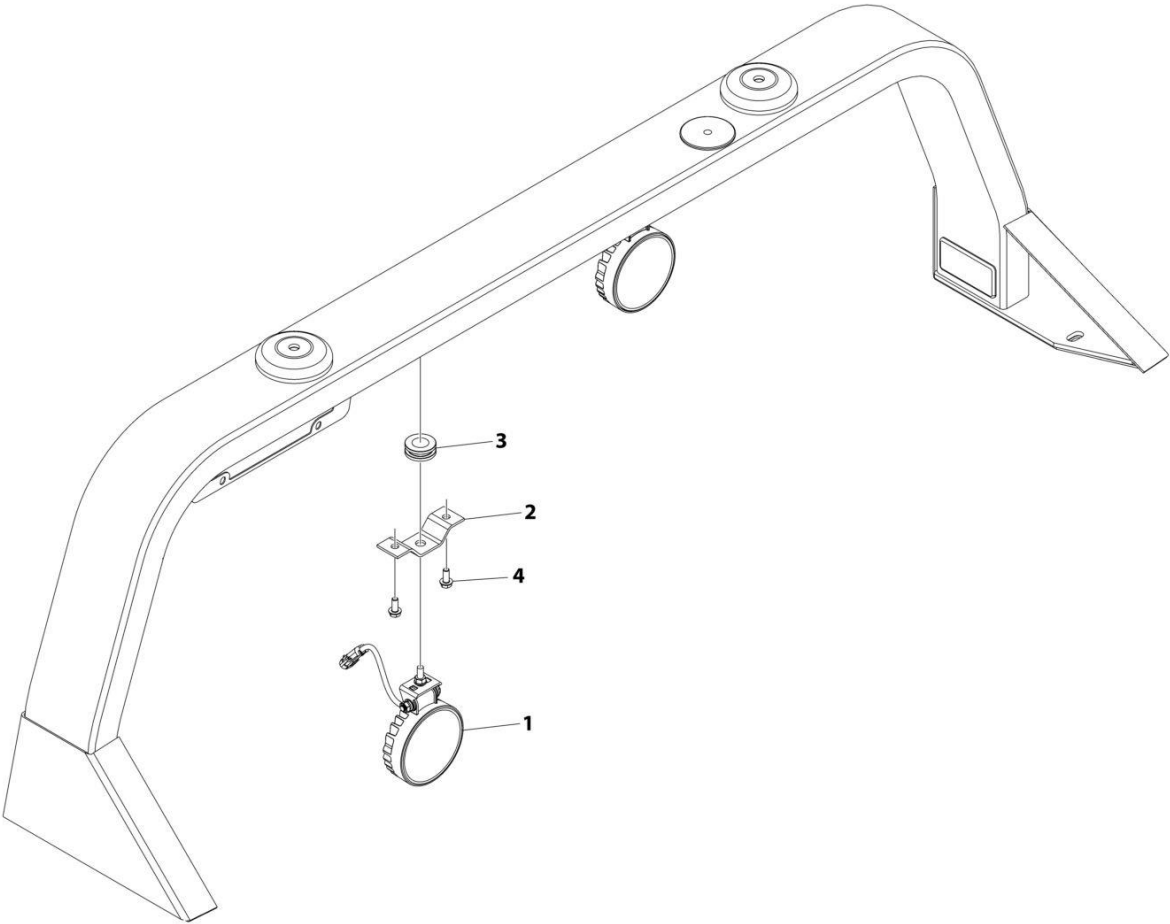
SECTION 7 - ELECTRICAL

FIGURE 7-18. LIGHT - WORKLIGHTS INSTALLATION (LOWER HOOK UP MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001296066	Ref	LIGHT - WORKLIGHTS INSTALLATION	B
	1001273634	2	Lamp	

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FIGURE 7-19. LIGHT - WORKLIGHT INSTALLATION (PYLON MOUNTED)



ART_1001294914

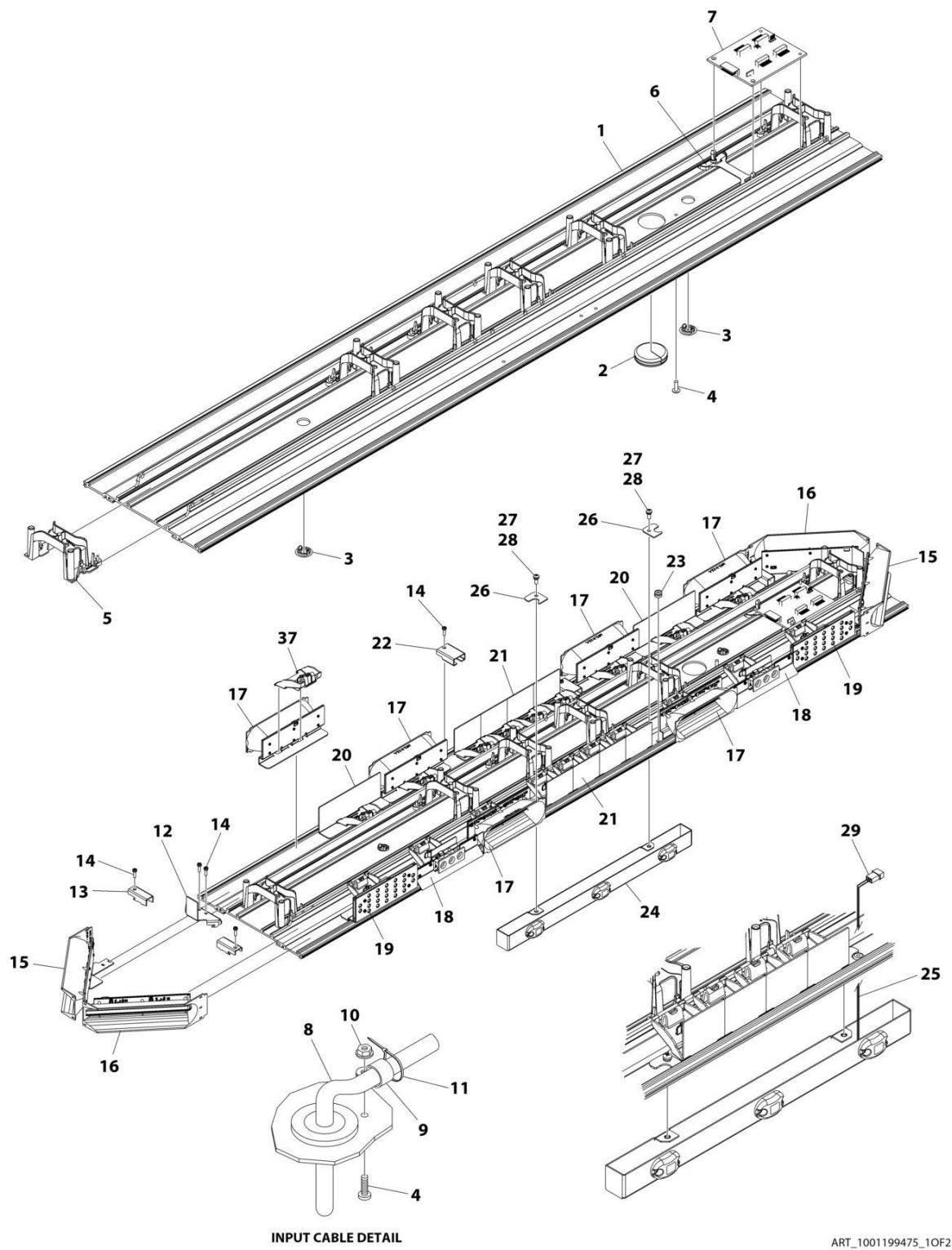
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FIGURE 7-19. LIGHT - WORKLIGHT INSTALLATION (PYLON MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001294914	Ref	LIGHT - WORKLIGHT INSTALLATION	B
1	1001273634	2	Lamp	
2	4178000402	2	Bracket	
3	7493000003	2	Grommet	
4	7790151253	4	Bolt 5/16 x 3/4	

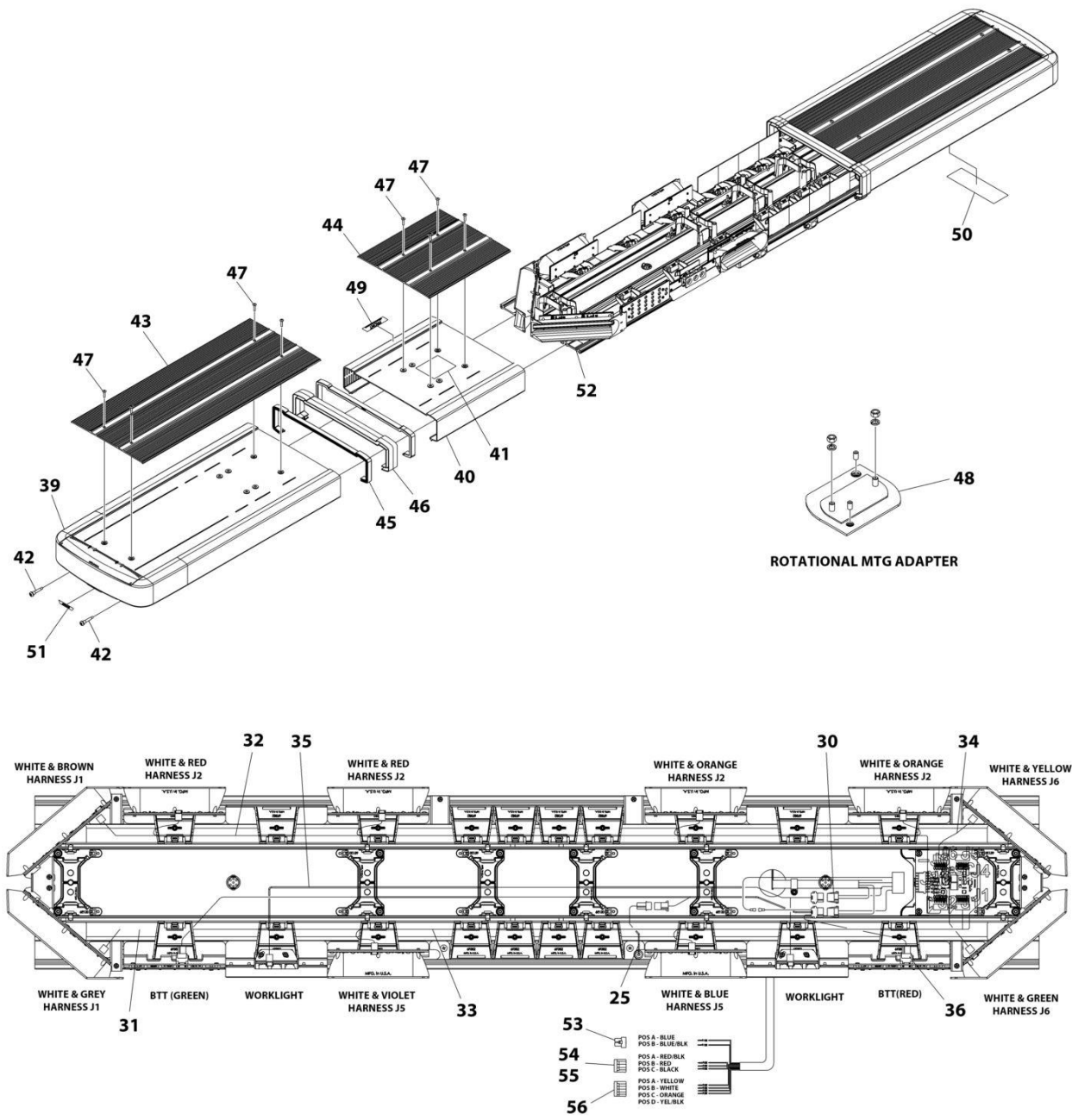
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FIGURE 7-20. LIGHTS LIGHBAR ASSEMBLY - 60IN AMBER 8 LED WHELEN



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FIGURE 7-21. LIGHTS LIGHBAR ASSEMBLY - 60IN AMBER 8 LED WHELEN



ART_1001199475_2OF2

SECTION 7 - ELECTRICAL

FIGURE 7-21. LIGHTS LIGHBAR ASSEMBLY - 60IN AMBER 8 LED WHELEN

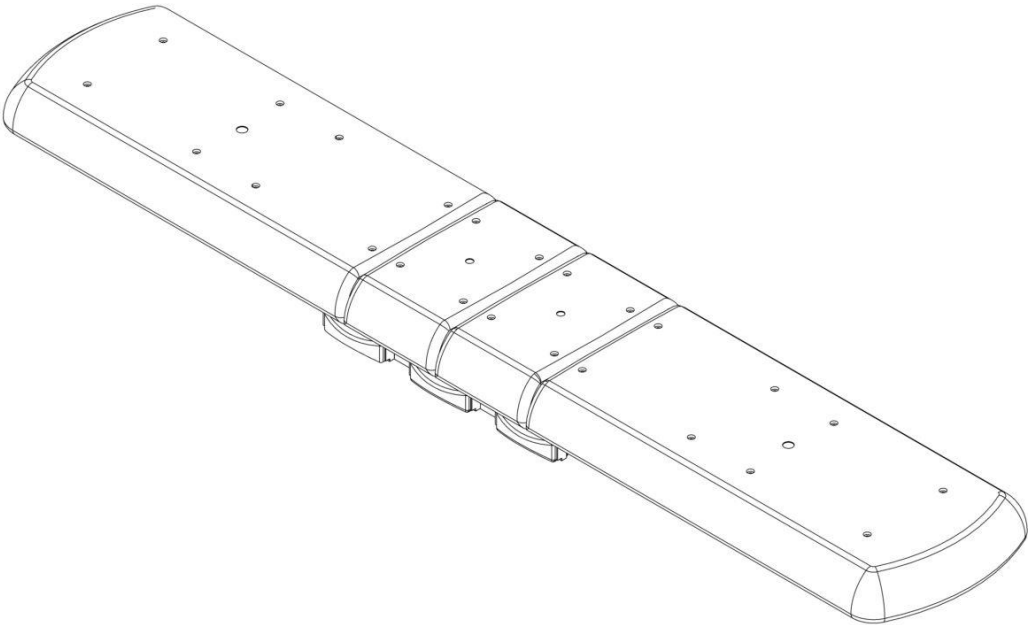
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199475	Ref	LIGHTS - LAMP ASSEMBLY - 60IN AMBER WHELEN	B
1	70051058	1	Base	
2	70050169	1	Grommet	
3	70050170	2	Plug	
4	70051059	1	Screw #10 x 5/8	
5	70051021	6	Bracket	
6	70051022	1	Bracket	
7	70051023	1	Circuit Board	
8	70051060	1	Cable	
9	70050665	1	Clamp	
10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

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

SECTION 7 - ELECTRICAL

FIGURE 7-22. LIGHTS LIGHBAR ASSEMBLY - 60IN AMBER ECCO



ART_1001247139

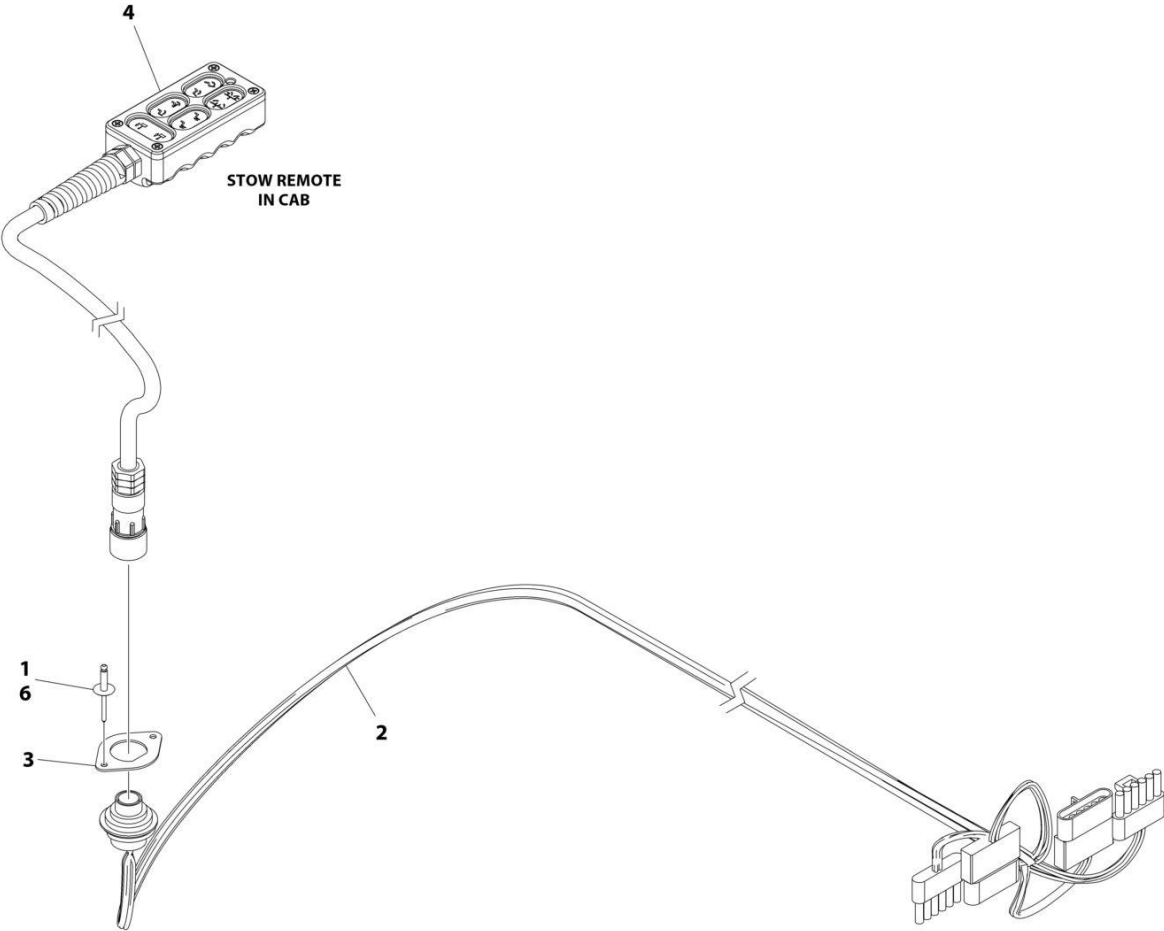
SECTION 7 - ELECTRICAL

FIGURE 7-22. LIGHTS LIGHBAR ASSEMBLY - 60IN AMBER ECCO

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

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FIGURE 7-23. MAIN CONTROL VALVE HARNESS INSTALLATION - REMOTE MEMBRANE



ART_1001298693

SECTION 7 - ELECTRICAL

FIGURE 7-23. MAIN CONTROL VALVE HARNESS INSTALLATION - REMOTE MEMBRANE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001298693	Ref	MAIN CONTROL VALVE HARNESS INSTALLATION - REMOTE MEMBRANE CONTROLS	A
1	1001197476	2	Rivet	
2	1001298692	1	Harness, Wired Remote (See Separate Breakdown in this Section)	
3	4706003402	1	Plate	
4	7295000131	1	Controller	
5	7894000004	5	Tie-Strap (Not Shown)	
6	0100048	AR	Grease, Dielectric	

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MPL60_SD_Wrecker



ART_1001287947

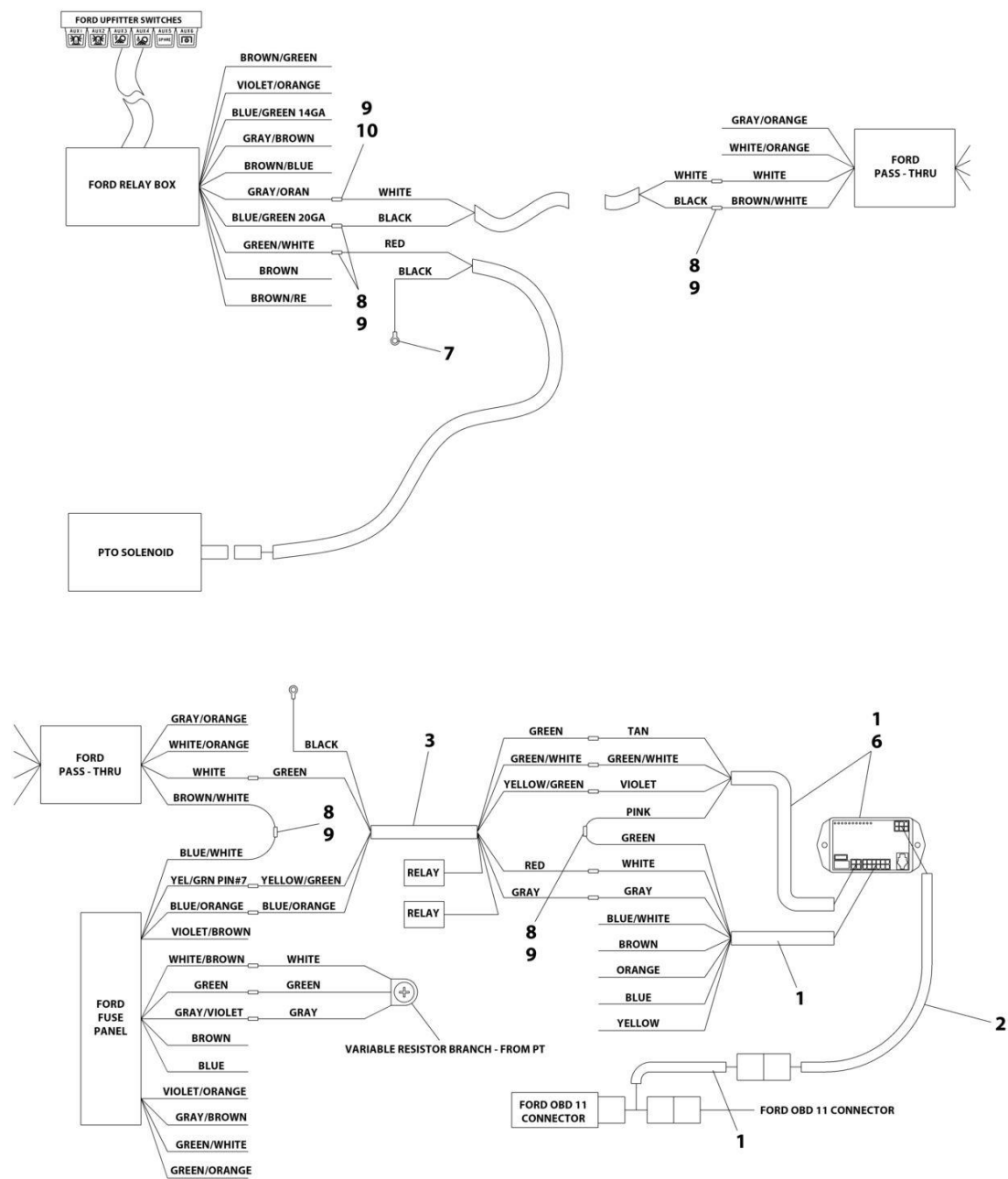
SECTION 7 - ELECTRICAL

FIGURE 7-24. MAIN CONTROL HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001287947	Ref	MAIN CONTROL HARNESS	B
1	1001116727	12	Plug	
2	1001167667	1	Cover	
3	1001288044	1	Connector	
4	1001288045	1	Connector	
5	1001299389	1	Plug	
101	1001288044	1	Connector	
101	4460743	6	Socket	
101	4460458	6	Seal	
102	4460844	1	Connector	
102	4460475	4	Cover	
102	4460458	4	Seal	
103	4460970	1	Connector	
103	4460464	11	Pin	
103	4460466	1	Plug	
104	4460931	1	Connector	
104	4460464	8	Pin	
105	1001288045	1	Connector	
105	4460979	2	Pin	
105	1001116727	2	Plug	
105	4460475	2	Cover	
105	4460458	4	Seal	
106	1001125295	1	Connector	
107	8220051	2	Terminal, Blade	
108	1001249095	1	Connector	
108	4460464	5	Pin	
108	4460466	4	Plug	
109	1001194421	2	Terminal, Blade	
110	4460742	2	Connector	
110	4460743	4	Socket	
110	4460458	4	Seal	
111	1001190322	18	Connector	
111	1001166707	36	Socket	
111	4461054	36	Seal	
112	4460931	1	Connector	
112	4460464	8	Pin	
113	4460970	1	Connector	
113	4460464	12	Pin	

SECTION 7 - ELECTRICAL

FIGURE 7-25. PTO ELECTRICAL ASSEMBLY - FORD PTO



ART_1001225217

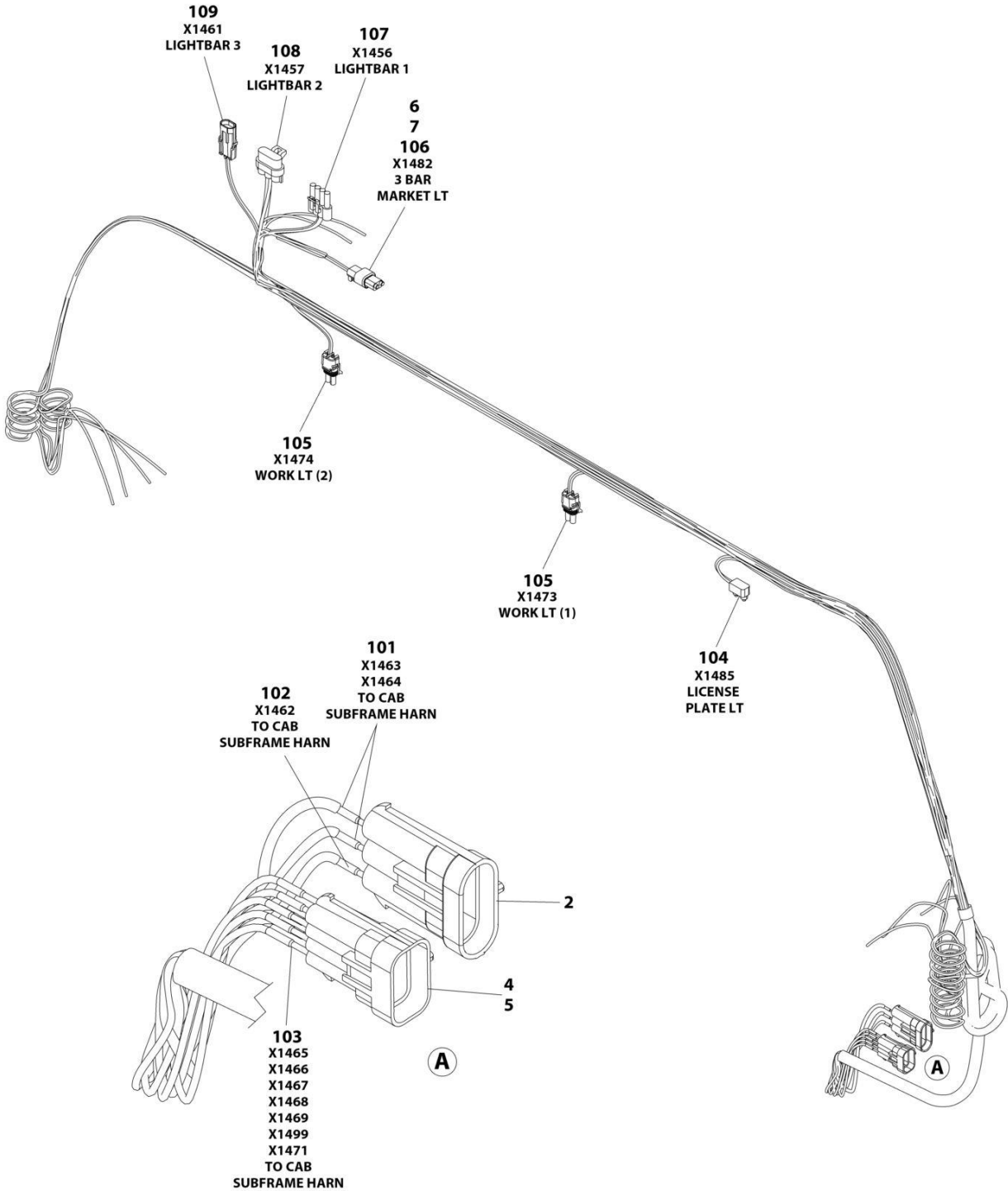
SECTION 7 - ELECTRICAL

FIGURE 7-25. PTO ELECTRICAL ASSEMBLY - FORD PTO

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225217	Ref	ELECTRICAL ASSEMBLY - FORD PTO	D
1	1001225063	1	Control PTO	
2	1001226317	1	Harness, Data Link Extension	
3	1001225068	1	Harness, PTO Ford	
6	8892040001	0.5 ft	Tape	
7	7345221702	1	Terminal	
8	7345001714	6	Terminal	
9	7346000039	AR	Tubing	
10	7345001914	1	Terminal	
11	5376000192	1	Manual (Not Shown)	

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FIGURE 7-26. PYLON HEADBOARD HARNESS



ART_1001299519

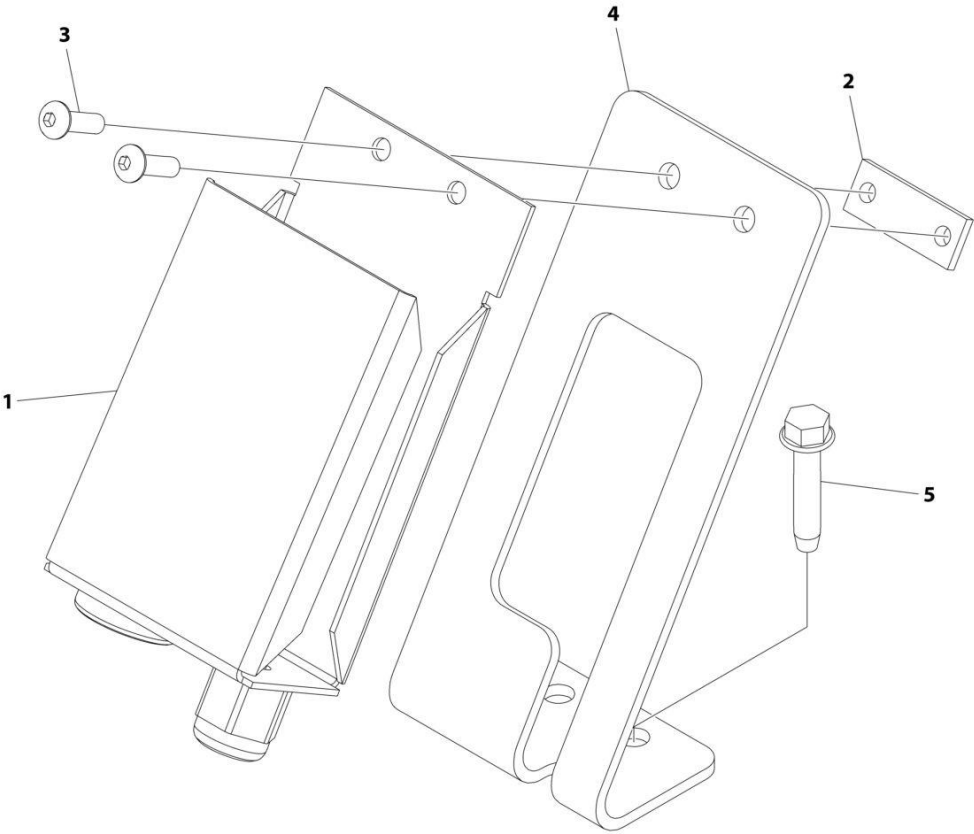
SECTION 7 - ELECTRICAL

FIGURE 7-26. PYLON HEADBOARD HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001299519	Ref	PYLON HEADBOARD HARNESS	B
2	8220934	1	Connector	
4	1001116751	1	Plug	
5	1001288454	1	Connector	
6	4460466	2	Terminal	
7	4460897	1	Terminal	
101	1001277282	2	Terminal	
101	1001288450	2	Seal	
102	8220100	1	Terminal	
102	1001288449	1	Seal	
103	1001288456	7	Terminal	
103	1001288455	7	Seal	
104	1001275791	1	Connector	
105	4460742	2	Connector	
105	4460457	2	Terminal	
105	4460458	2	Seal	
106	4460891	1	Connector	
106	4460465	2	Socket	
107	1001288453	1	Connector	
107	4460457	4	Terminal	
107	4460458	4	Seal	
108	1001288457	1	Connector	
108	8220099	3	Terminal	
108	1001288450	2	Seal	
108	1001288449	1	Seal	
109	4461157	1	Connector	
109	4460475	2	Terminal	
109	4460458	2	Seal	

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FIGURE 7-27. REMOTE CONTROL HOLDER INSTALLATION



ART_2002000031

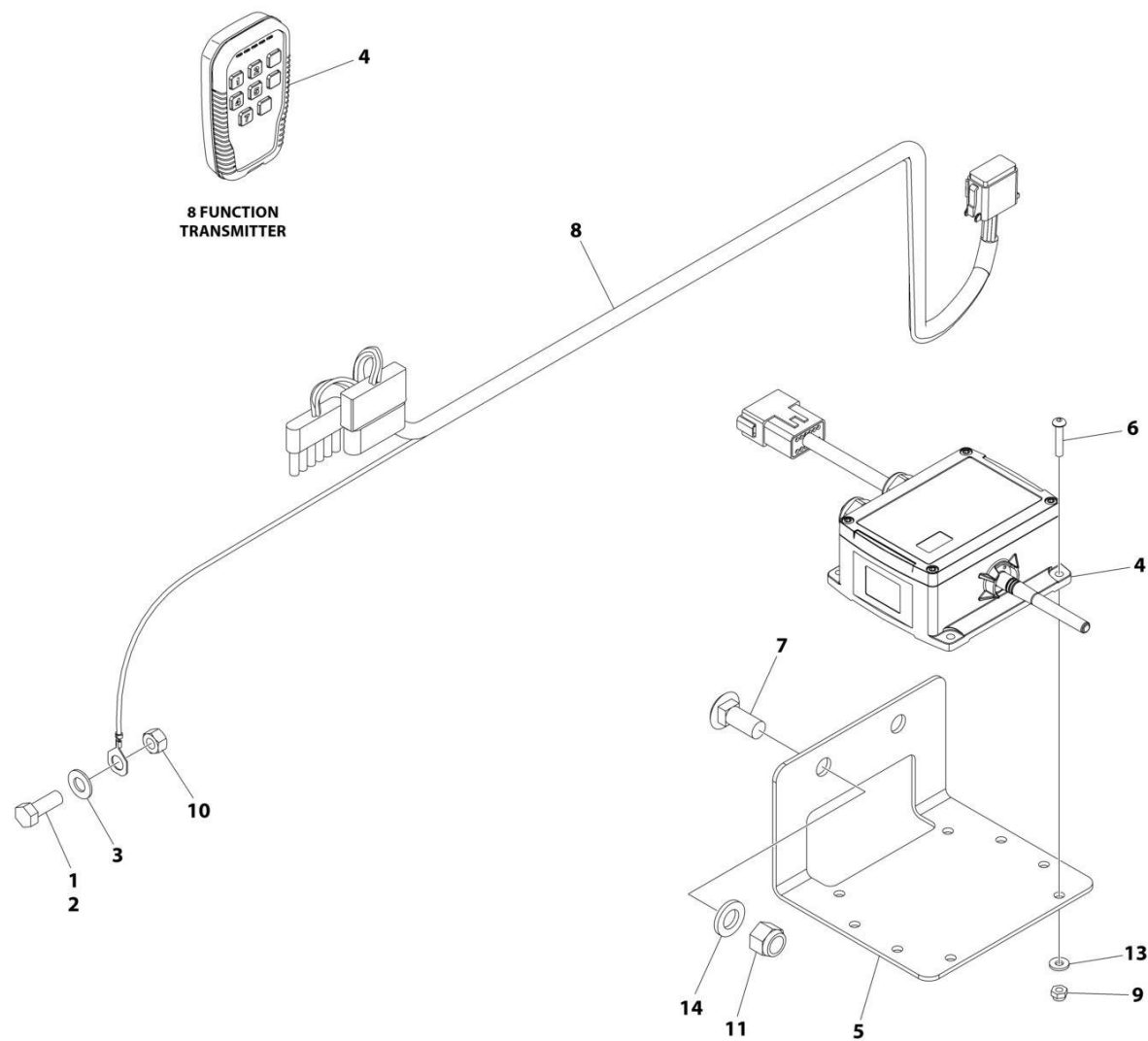
SECTION 7 - ELECTRICAL

FIGURE 7-27. REMOTE CONTROL HOLDER INSTALLATION

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

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FIGURE 7-28. REMOTE CONTROL INSTALLATION - 8 FUNCTION



ART_1001297225

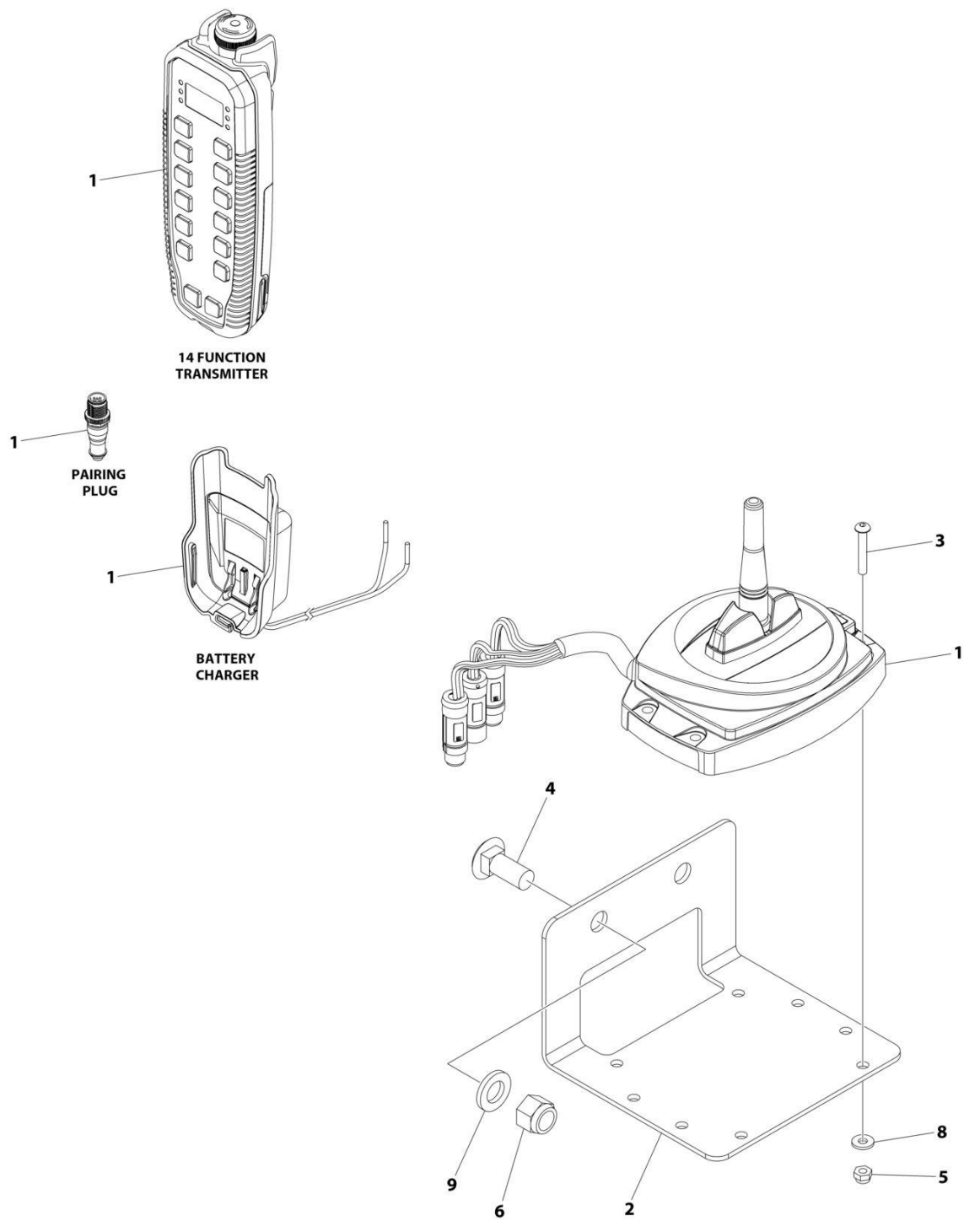
SECTION 7 - ELECTRICAL

FIGURE 7-28. REMOTE CONTROL INSTALLATION - 8 FUNCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297225	Ref	REMOTE CONTROL INSTALLATION	A
1	0100011	AR	Compound Locking	
2	0681608	1	Bolt 3/8 x 1	
3	4711600	1	Washer 3/8	
4	1001297178	1	Controller	
5	1001300459	1	Bracket	
6	7114100818	4	Capscrew #10 x 1	
7	7115181064	2	Bolt 1/2 x 1-1/4	
8	7552000384	1	Remote Control Harness (See Separate Breakdown in this Section)	
9	7660102604	4	Nut #10	
10	7660160001	1	Nut 3/8	
11	7660182601	2	Nut 1/2	
12	7894000004	3	Tie-Strap (Not Shown)	
13	7950100143	4	Washer 3/16	
14	7950180153	2	Washer 1/2	

SECTION 7 - ELECTRICAL

FIGURE 7-29. REMOTE CONTROL INSTALLATION - 14 FUNCTION



ART_1001299301

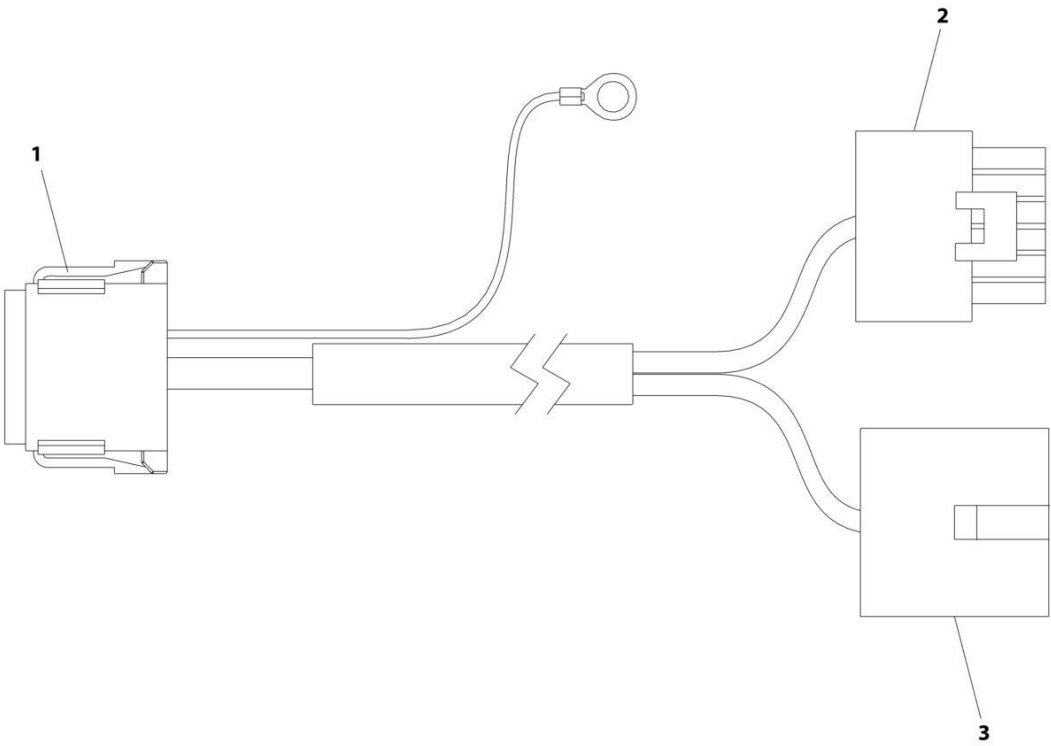
SECTION 7 - ELECTRICAL

FIGURE 7-29. REMOTE CONTROL INSTALLATION - 14 FUNCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001299301	Ref	REMOTE CONTROL INSTALLATION	A
1	1001299208	1	Controller	
2	1001300459	1	Bracket	
3	7114101018	4	Capscrew #10 x 1-1/4	
4	7115181064	2	Bolt 1/2 x 1-1/4	
5	7660102604	4	Nut #10	
6	7660182601	2	Nut 1/2	
7	7894000004	3	Tie-Strap (Not Shown)	
8	7950100143	4	Washer 3/16	
9	7950180153	2	Washer 1/2	

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FIGURE 7-30. REMOTE CONTROL HARNESS



ART_7552000384

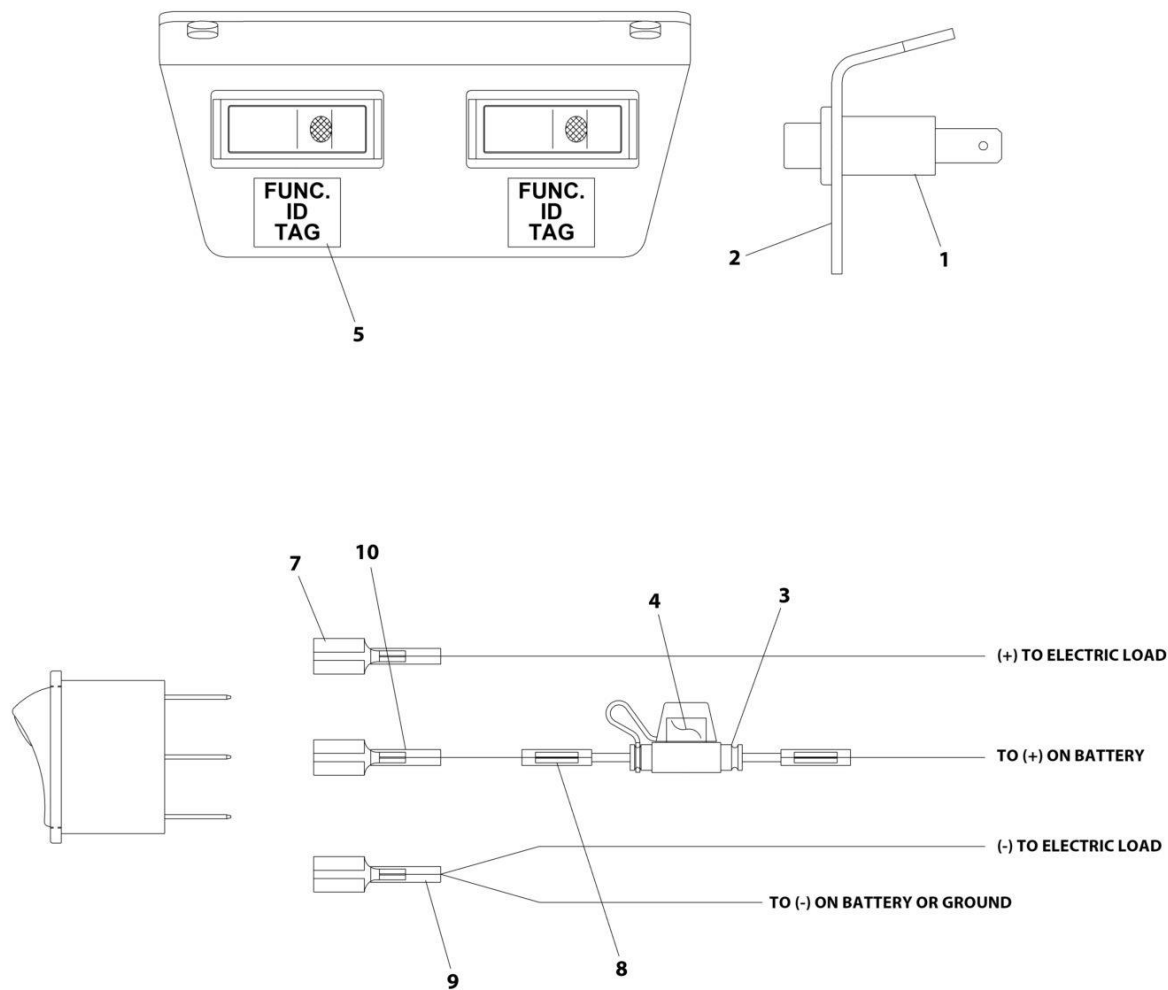
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FIGURE 7-30. REMOTE CONTROL HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000384	Ref	REMOTE CONTROL HARNESS - 4 FUNCTION TOGGLE	0
1	4460933	1	Plug Male - 12 Position	
1	4460465	11	Socket, Female	
1	4460466	1	Plug, Terminal	
2		Ref	Plug, Male - 6 Position	
2	4460457	4	Pin, Male	
2	4460458	6	Seal	
2	1001116727	2	Plug	
3		Ref	Receptacle, Female - 6 Position	
3	4460475	6	Pin, Male	
3	4460458	6	Seal	

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FIGURE 7-31. SWITCH PANEL INSTALLATION - 2 FUNCTION



ART_2870000012

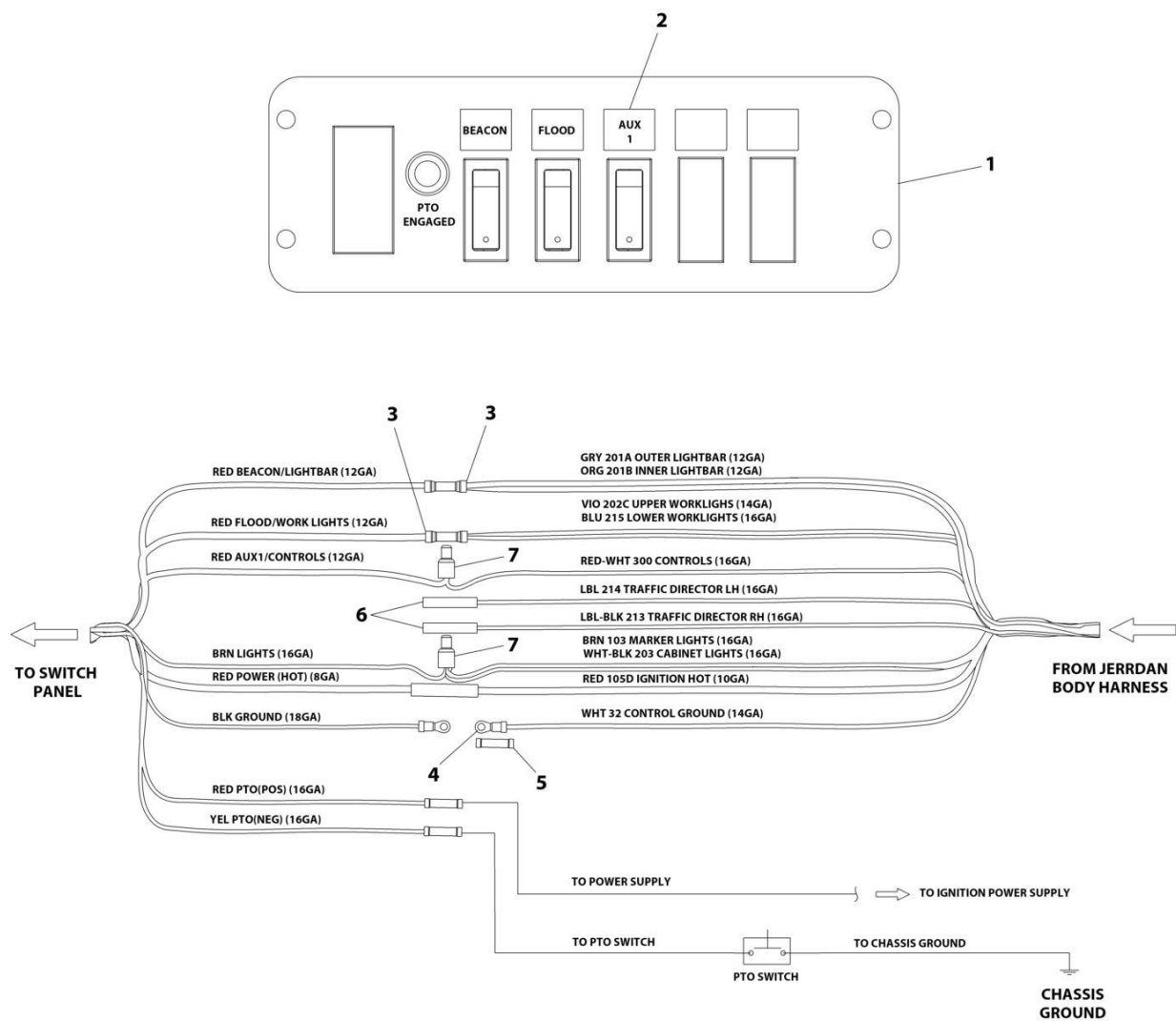
SECTION 7 - ELECTRICAL

FIGURE 7-31. SWITCH PANEL INSTALLATION - 2 FUNCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2870000012	Ref	SWITCH PANEL INSTALLATION - 2 FUNCTION	B
1	7870000083	2	Switch	
2	4178000427	1	Bracket	
3	7346000126	2	Fuse Holder	
4	7457000015	2	Fuse	
5	7330000288	1	Decal	
6	7120000034	2	Screw #10 x 3/4 (Not Shown)	
7	7345001710	4	Tab	
8	7345001914	4	Terminal	
9	4346000005	10	Heat Shrink Tubing	
10	7345001910	2	Tab	

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FIGURE 7-32. SWITCH PANEL INSTALLATION - 3 FUNCTION (IN DASH COMPACT)



ART_1001266075

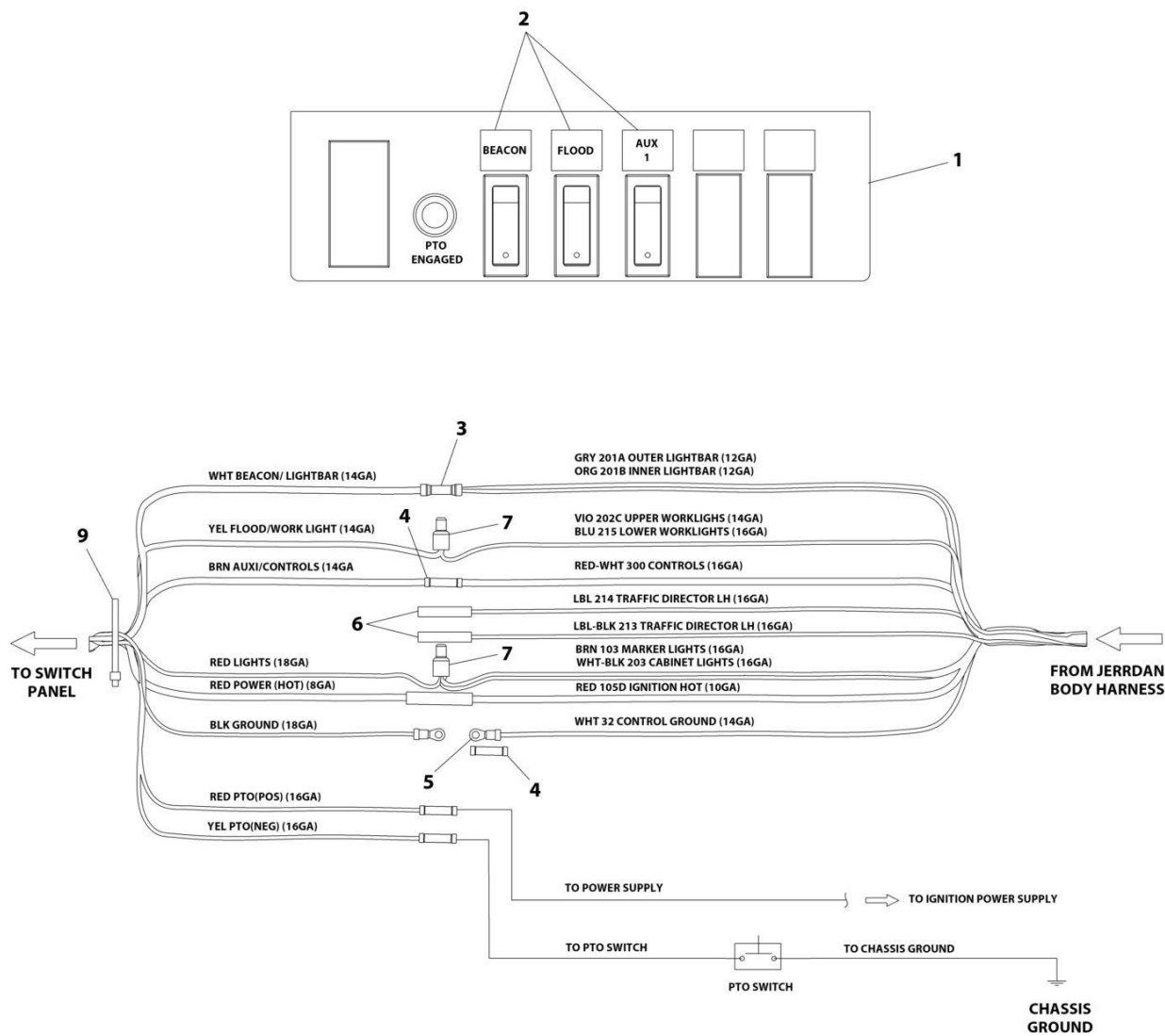
SECTION 7 - ELECTRICAL

FIGURE 7-32. SWITCH PANEL INSTALLATION - 3 FUNCTION (IN DASH COMPACT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266075	Ref	3 FUNCTION IN-DASH COMPACT INSTALLATION	A
1	7870000100	1	Switch Panel	
2	7330000288	1	Decal	
3	4460018	2	Terminal	
4	4460042	1	Terminal	
5	4460035	1	Terminal	
6	4346000005	2	Heat Shrink	
7	7346000242	2	Connector	

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FIGURE 7-33. SWITCH PANEL INSTALLATION - 3 FUNCTION (UNDER DASH COMPACT)



ART_1001266355

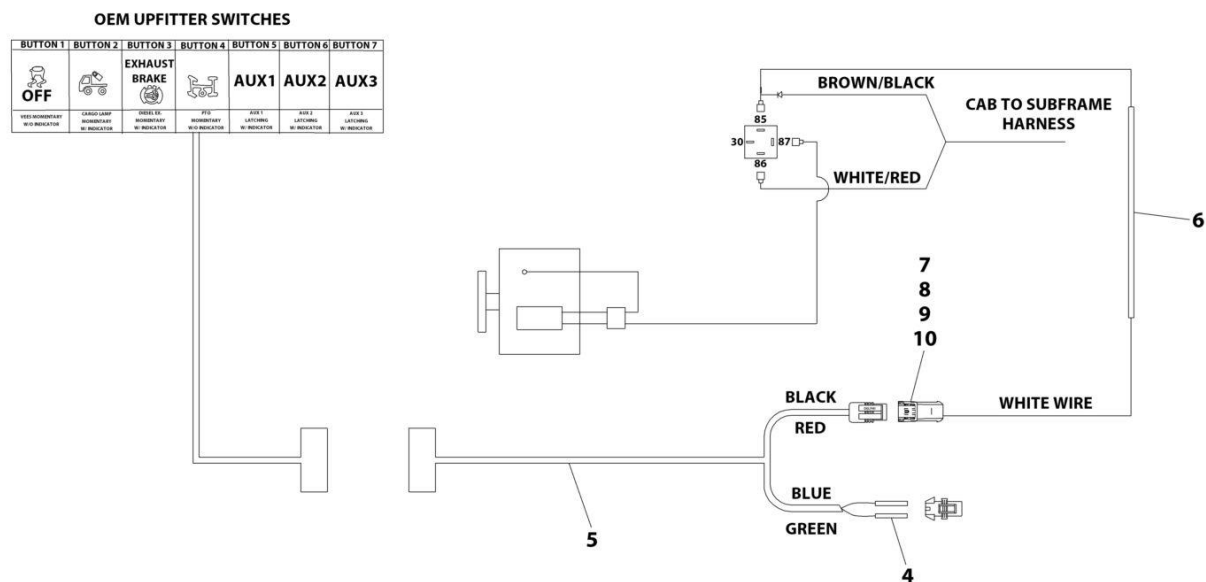
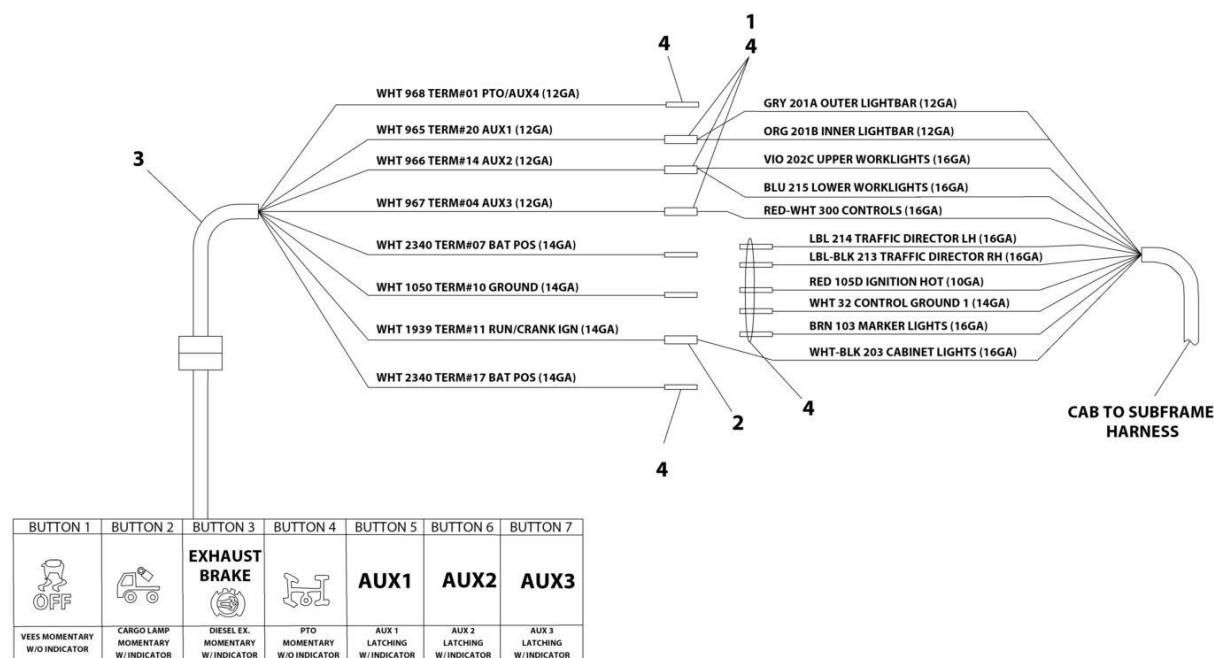
SECTION 7 - ELECTRICAL

FIGURE 7-33. SWITCH PANEL INSTALLATION - 3 FUNCTION (UNDER DASH COMPACT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266355	Ref	3 FUNCTION UNDER-DASH COMPACT INSTALLATION	A
1	7870000134	1	Switch Panel	
2	7330000288	1	Decal	
3	4460018	1	Terminal	
4	4460035	2	Terminal	
5	4460042	1	Terminal	
6	4346000005	2	Heat Shrink	
7	7346000242	2	Connector	
8	8597650003	2 ft	Wire (Not Shown)	
9	5526000553	6	Tie Strap	

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FIGURE 7-34. SWITCH PANEL INSTALLATION - 3 FUNCTION (CV515 OEM)



ART_1001267332

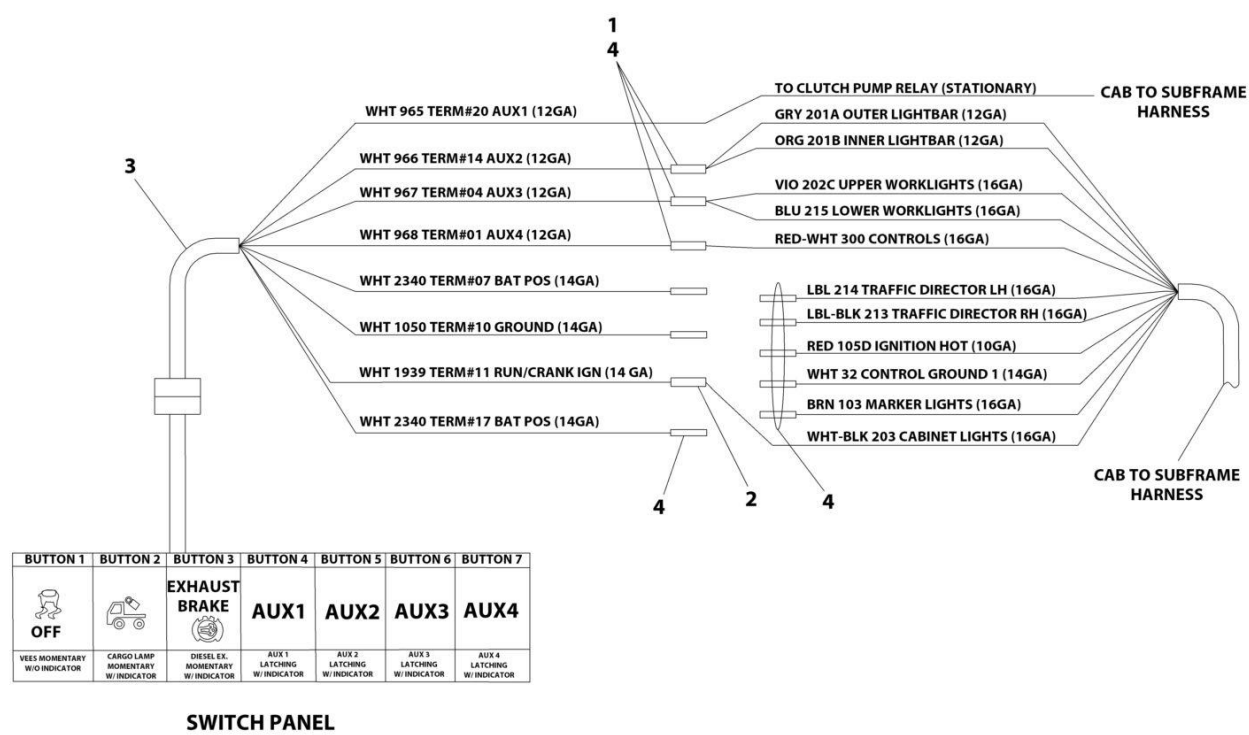
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FIGURE 7-34. SWITCH PANEL INSTALLATION - 3 FUNCTION (CV515 OEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267332	Ref	SWITCH PANEL INSTALLATION - 3 FUNCTION (CV515 OEM)	A
1	7345001914	3	Terminal	
2	7345001714	1	Terminal	
3	1001254044	1	Harness	
4	4346000005	AR	Heat Shrink Tubing	
5	1001250685	1	Wiring Harness Kit	
6	8977010103	10 ft	Conductor	
7	1001117026	1	Connector	
8	4460789	1	Terminal	
9	1001116727	1	Pluag	
10	1001116729	1	Terminal	

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FIGURE 7-35. SWITCH PANEL INSTALLATION – 4 FUNCTION



ART_1001267981

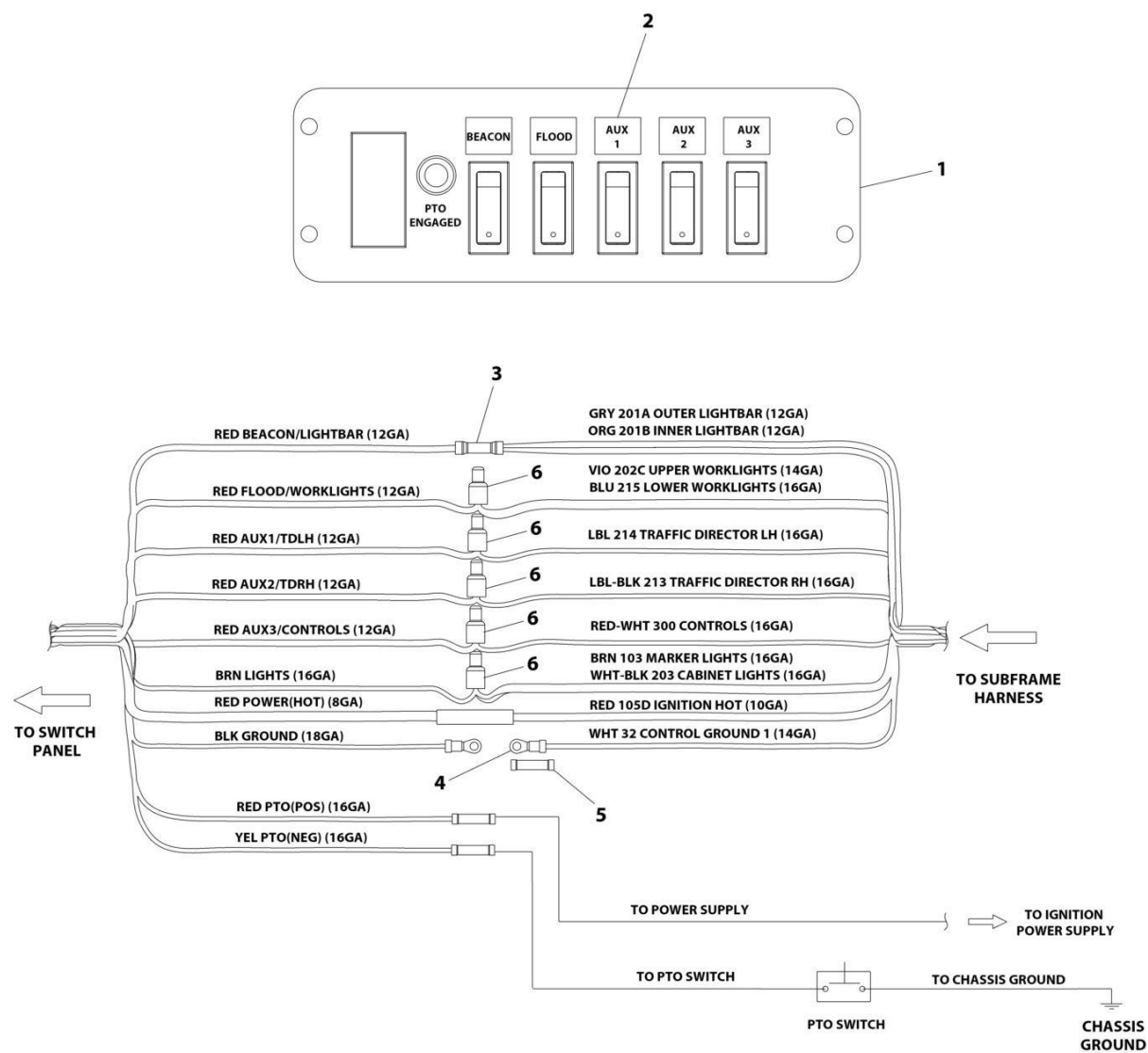
SECTION 7 - ELECTRICAL

FIGURE 7-35. SWITCH PANEL INSTALLATION – 4 FUNCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267981	Ref	SWITCH PANEL INSTALLATION - 4 FUNCTION (CV515 OEM)	A
1	7345001914	3	Terminal	
2	7345001714	1	Terminal	
3	1001254044	1	Harness	
4	4346000005	AR	Heat Shrink Tubing	

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FIGURE 7-36. SWITCH PANEL INSTALLATION - 5 FUNCTION (IN DASH COMPACT)



ART_1001266357

SECTION 7 - ELECTRICAL

FIGURE 7-36. SWITCH PANEL INSTALLATION - 5 FUNCTION (IN DASH COMPACT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266357	Ref	5 FUNCTION IN-DASH COMPACT SWITCH PANEL ASSEMBLY	A
1	7870000106	1	Switch Panel	
2	7330000288	1	Decal	
3	4460018	1	Terminal	
4	4460042	1	Terminal	
5	4460035	1	Terminal	
6	7346000242	5	Connector	

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MPL60_SD_Wrecker



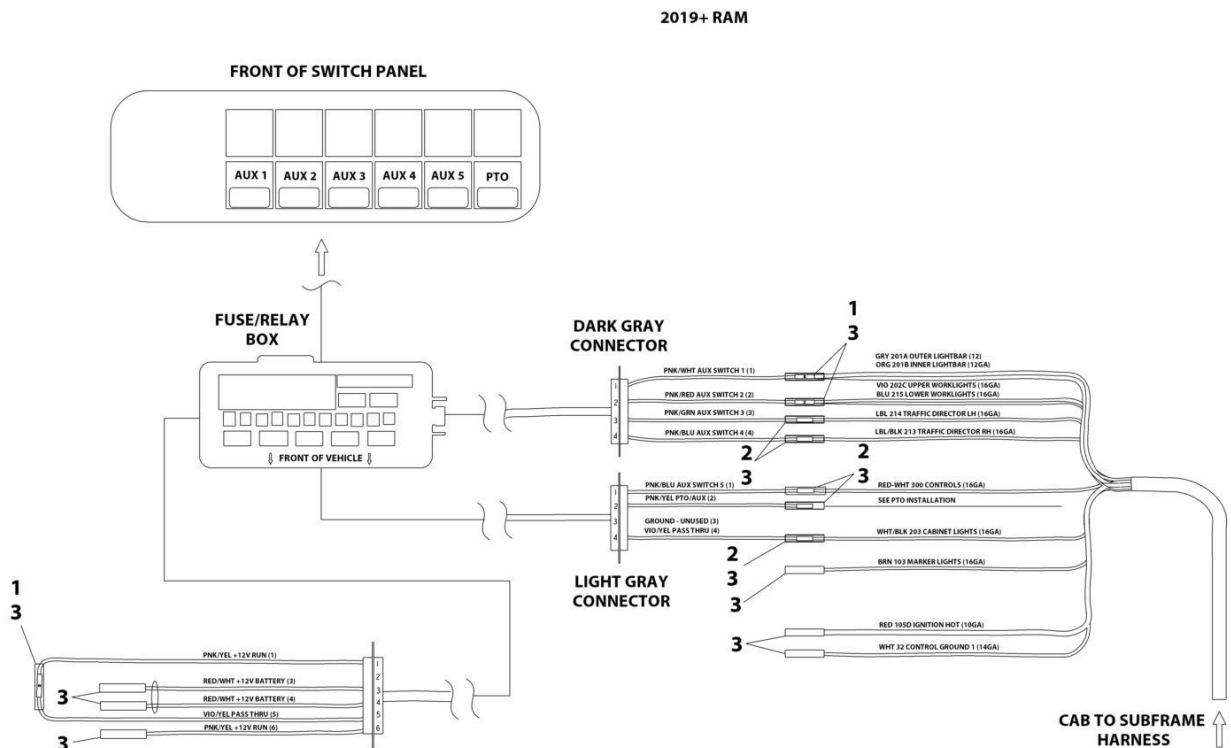
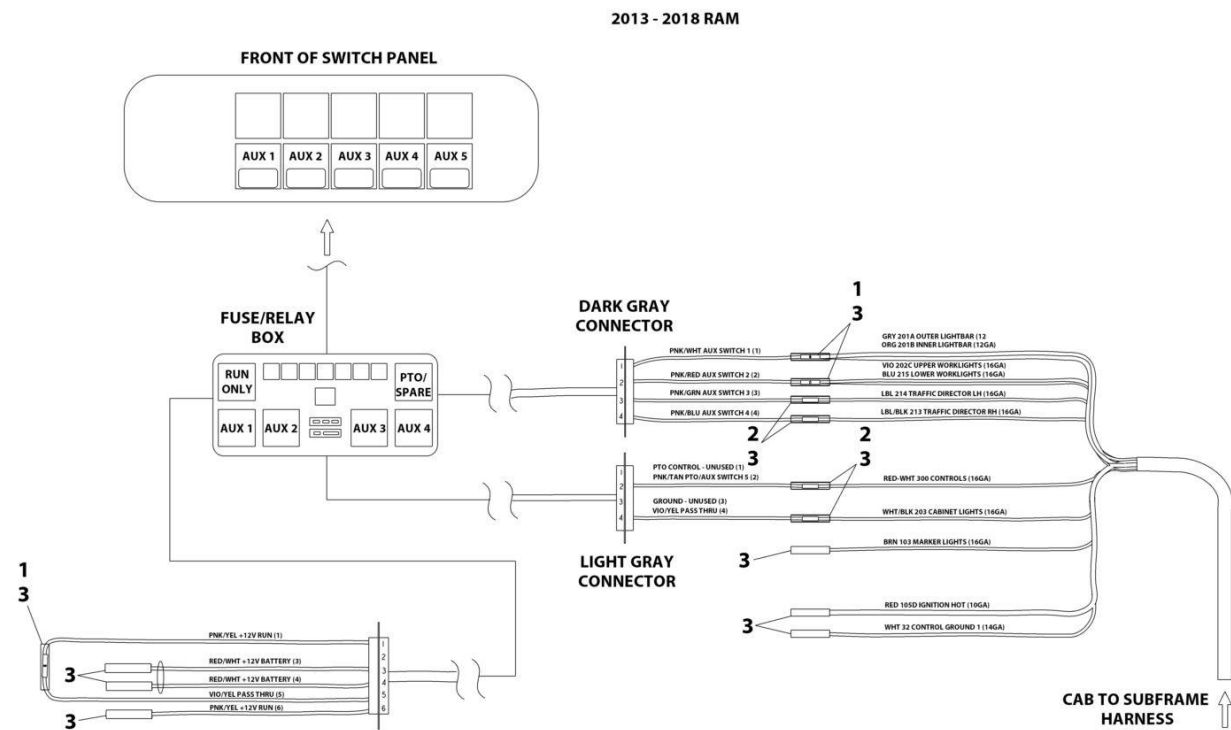
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FIGURE 7-37. SWITCH PANEL INSTALLATION - 5 FUNCTION (UNDER DASH COMPACT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266359	Ref	5 FUNCTION UNDER-DASH SWITCH PANEL ASSEMBLY	A
1	7870000137	1	Switch Panel	
2	7330000288	1	Decal	
3	7346000242	2	Connector	
4	4460035	1	Ternminal	
5	4460042	1	Ternminal	
6	4460018	1	Ternminal	
7	8597650003	2 ft	Wire (Not Shown)	
8	5526000553	6	Tie Strap	

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FIGURE 7-38. SWITCH PANEL INSTALLATION - 5 FUNCTION (DODGE 2013)



ART_1001267711

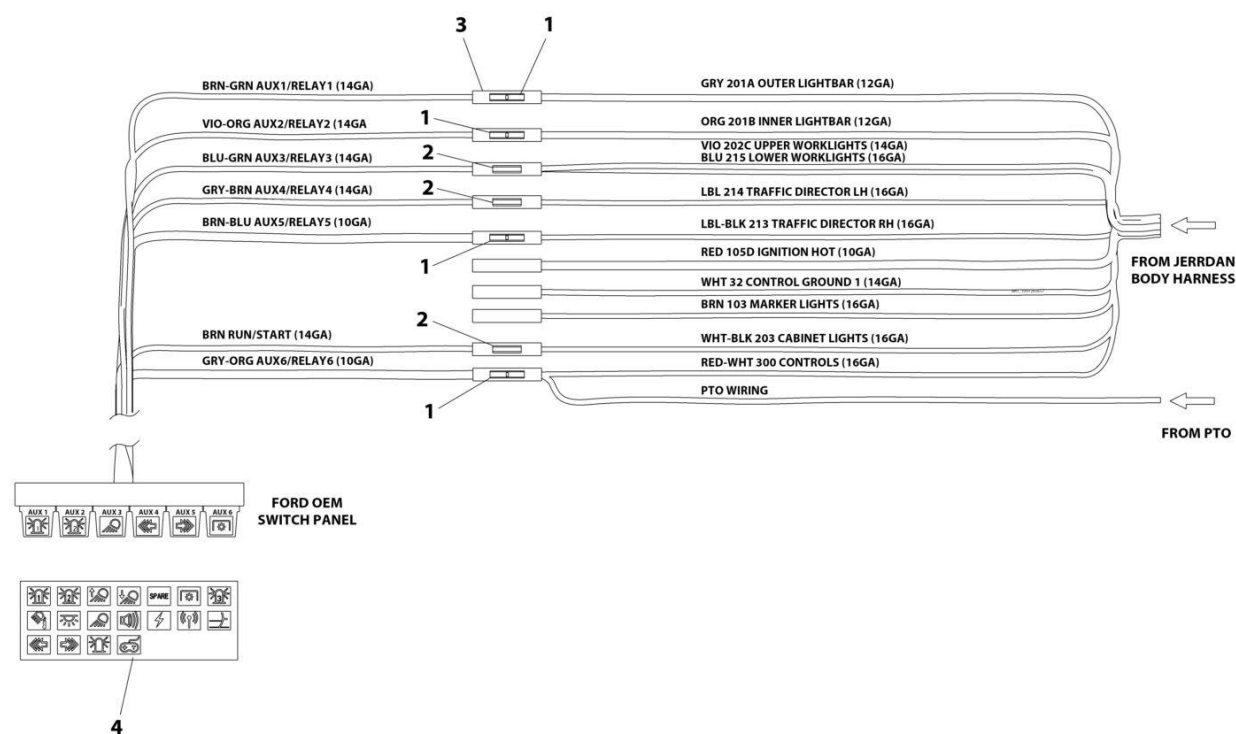
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FIGURE 7-38. SWITCH PANEL INSTALLATION - 5 FUNCTION (DODGE 2013)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267711	Ref	SWITCH PANEL INSTALLATION - 5 FUNCTION (DODGE 2013)	A
1	7345001914	3	Terminal	
2	7345001714	5	Terminal	
3	4346000005	14	Tubing	

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FIGURE 7-39. SWITCH PANEL INSTALLATION - 6 FUNCTION



ART_1001266884

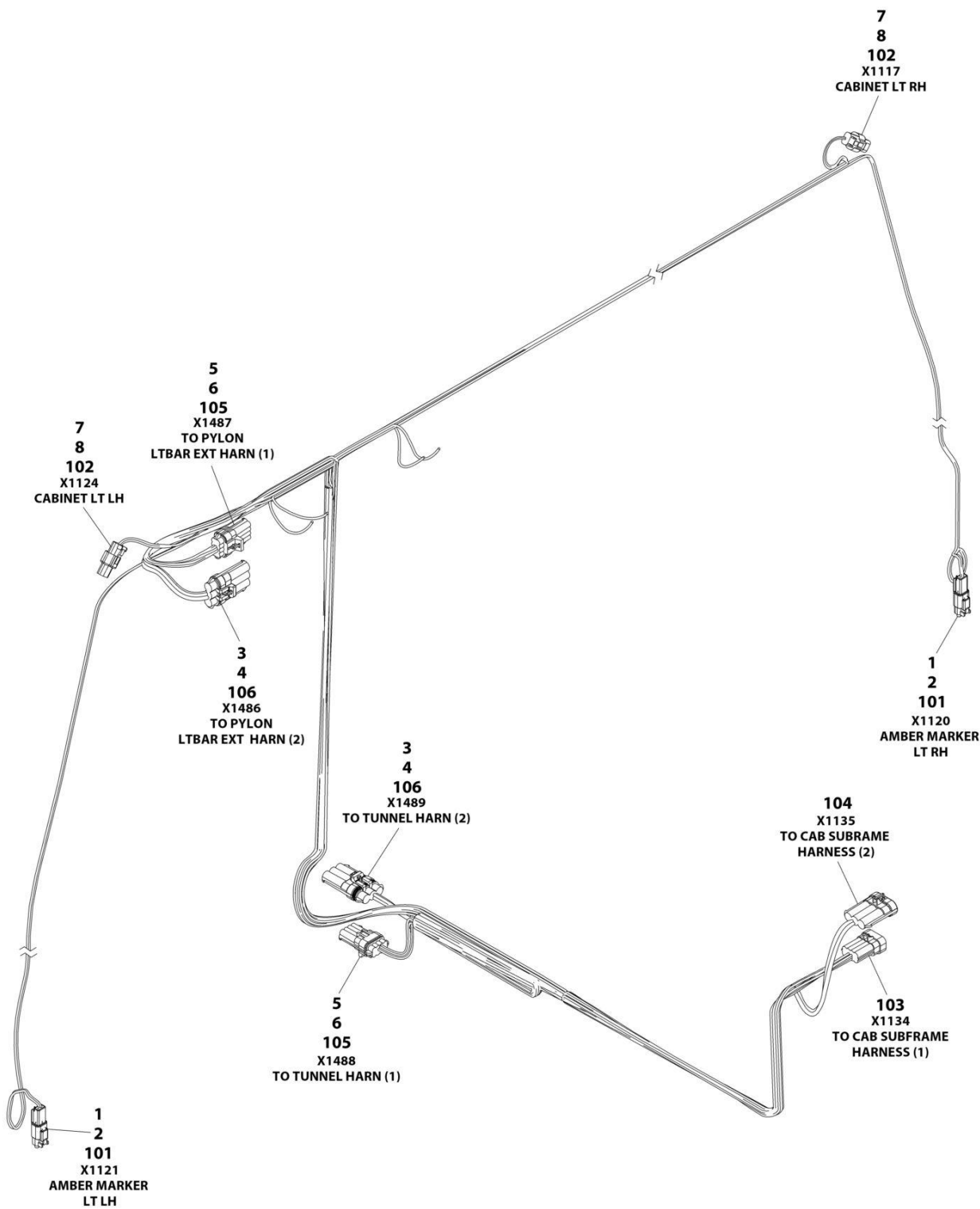
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FIGURE 7-39. SWITCH PANEL INSTALLATION - 6 FUNCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266884	Ref	SWITCH PANEL INSTALLATION - 6 FUNCTION (FORD 2017)	A
1	7345001914	4	Terminal	
2	7345001714	3	Terminal	
3	4346000005	10	Tubing	
4	1001221375	1	Decal	
5	1001225217	1	Electrical Assembly - Ford PTO (Not Shown) (See Separate Breakdown in this Section)	

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FIGURE 7-40. TUNNEL HARNESS



ART_1001291066

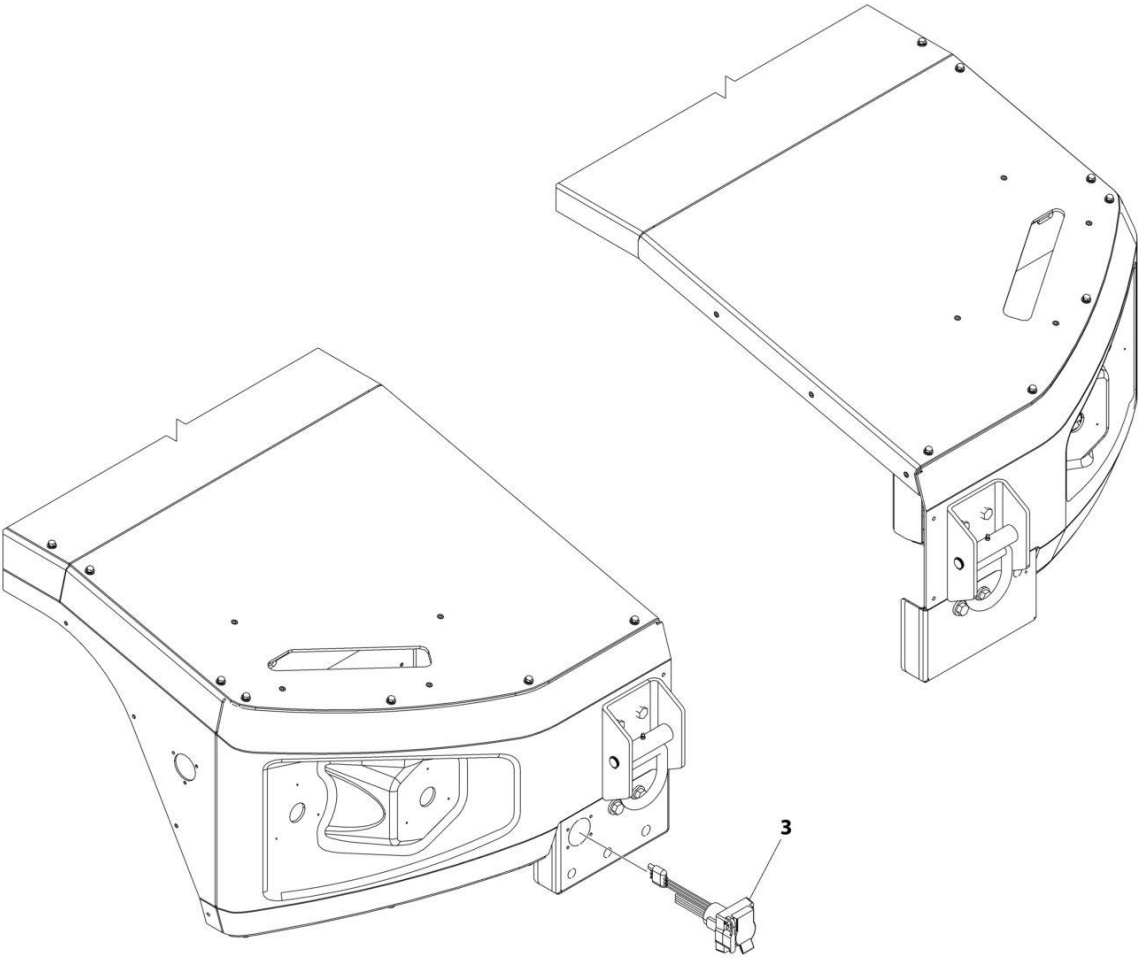
SECTION 7 - ELECTRICAL

FIGURE 7-40. TUNNEL HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291066	Ref	TUNNEL HARNESS	C
1	4460466	4	Plug	
2	4460891	2	Connector	
3	8220101	6	Plug	
4	8220934	2	Connector	
5	1001116751	16	Plug	
6	1001288454	2	Connector	
7	4460897	2	Connector	
8	4460464	4	Pin	
101	4460897	2	Connector	
101	4460464	4	Pin	
102	4460891	2	Connector	
102	4460465	4	Socket	
103	1001288454	1	Connector	
103	1001288456	8	Socket	
104	8220934	1	Connector	
104	8220100	1	Socket	
104	1001277282	4	Socket	
105	1001288566	2	Connector	
105	8220124	15	Socket	
105	4460608	15	Seal	
106	8220935	1	Connector	
106	8220099	1	Socket	
106	1001288450	1	Seal	
106	1001288449	2	Seal	

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FIGURE 7-41. TRAILER PLUG INSTALLATION



ART_1001301373

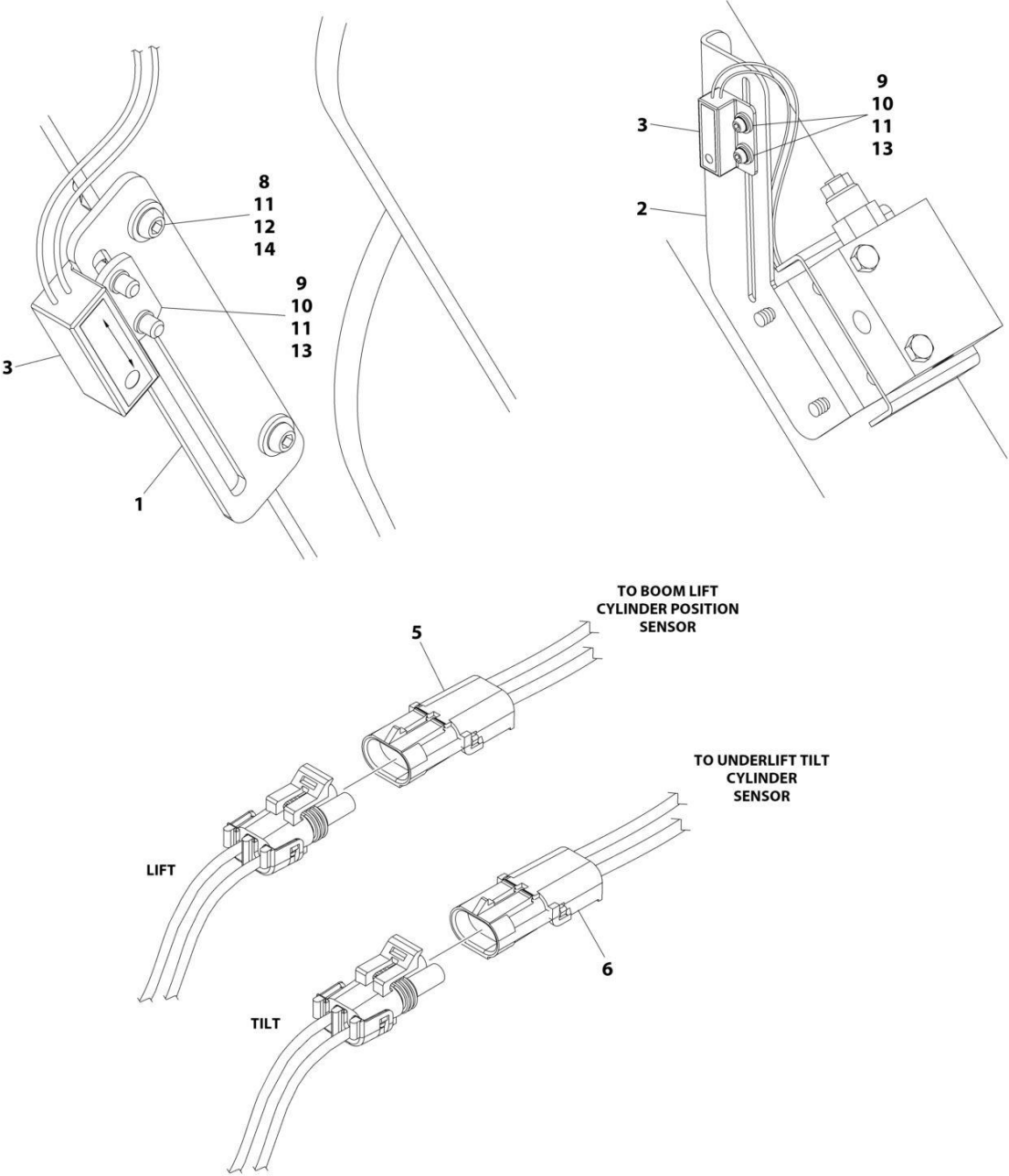
SECTION 7 - ELECTRICAL

FIGURE 7-41. TRAILER PLUG INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001301373	Ref	TRAILER PLUG INSTALLATION	A
1	1001201994	3	Connector (Not Shown)	
2	1001274244	4	Connector (Not Shown)	
3	1001301375	1	Plug	
4	4346000005	7	Heat Shrink Tubing (Not Shown)	

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FIGURE 7-42. UNDERLIFT ELECTRICAL CONTROLS INSTALLATION



ART_1001299438

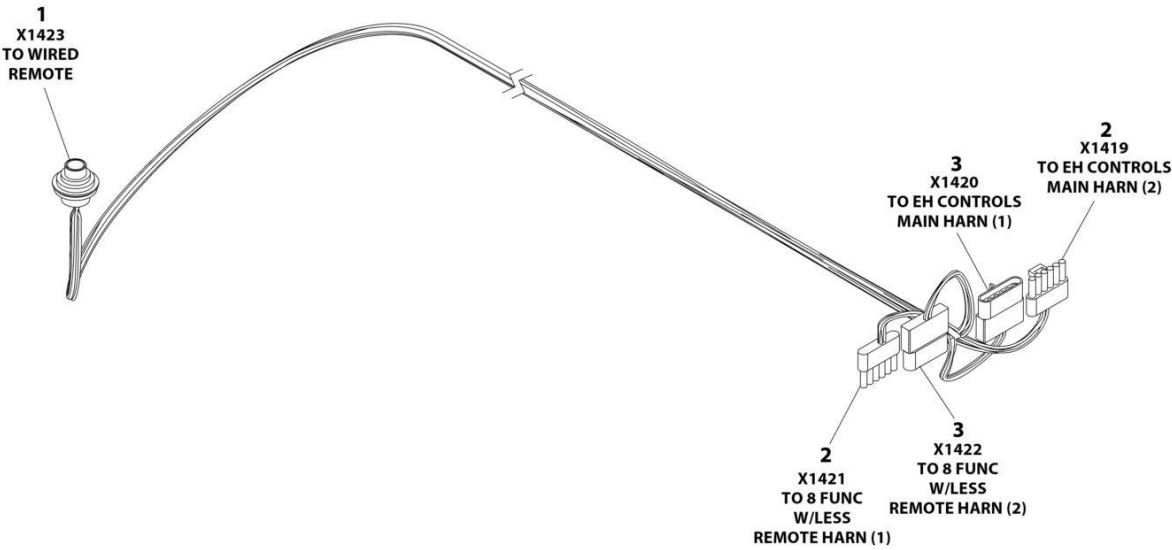
SECTION 7 - ELECTRICAL

FIGURE 7-42. UNDERLIFT ELECTRICAL CONTROLS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001299438	Ref	UNDERLIFT ELECTRICAL CONTROLS INSTALLATION	A
1	4178000709	1	Bracket	
2	4178000707	1	Bracket	
3	1001294672	2	Switch, Proximity	
5	7552000367	1	Underlift Level Switch Harness (Lift Cylinder)	
5	80963058	2	Connector	
5	4460475	4	Terminal	
5	91364009	4	Seal	
6	7552000368	1	Underlift Level Switch Harness (Tilt Cylinder)	
6	80963058	2	Connector	
6	4460475	4	Terminal	
6	91364009	4	Seal	
8	7114100818	2	Capscrew #10 x 1	
9	7114100518	4	Capscrew #10 x 5/8	
10	7950100003	4	Washer 3/16	
11	7950100103	8	Washer #10	
12	7950100163	8	Washer #10	
13	1001295084	2	Nut #10	
14	7660102604	2	Nut #10	
15	7894000042	4	Tie-Strap (Not Shown)	
16	5526000553	10	Tie-Strap (Not Shown)	

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FIGURE 7-43. WIRED REMOTE HARNESS



ART_1001298692

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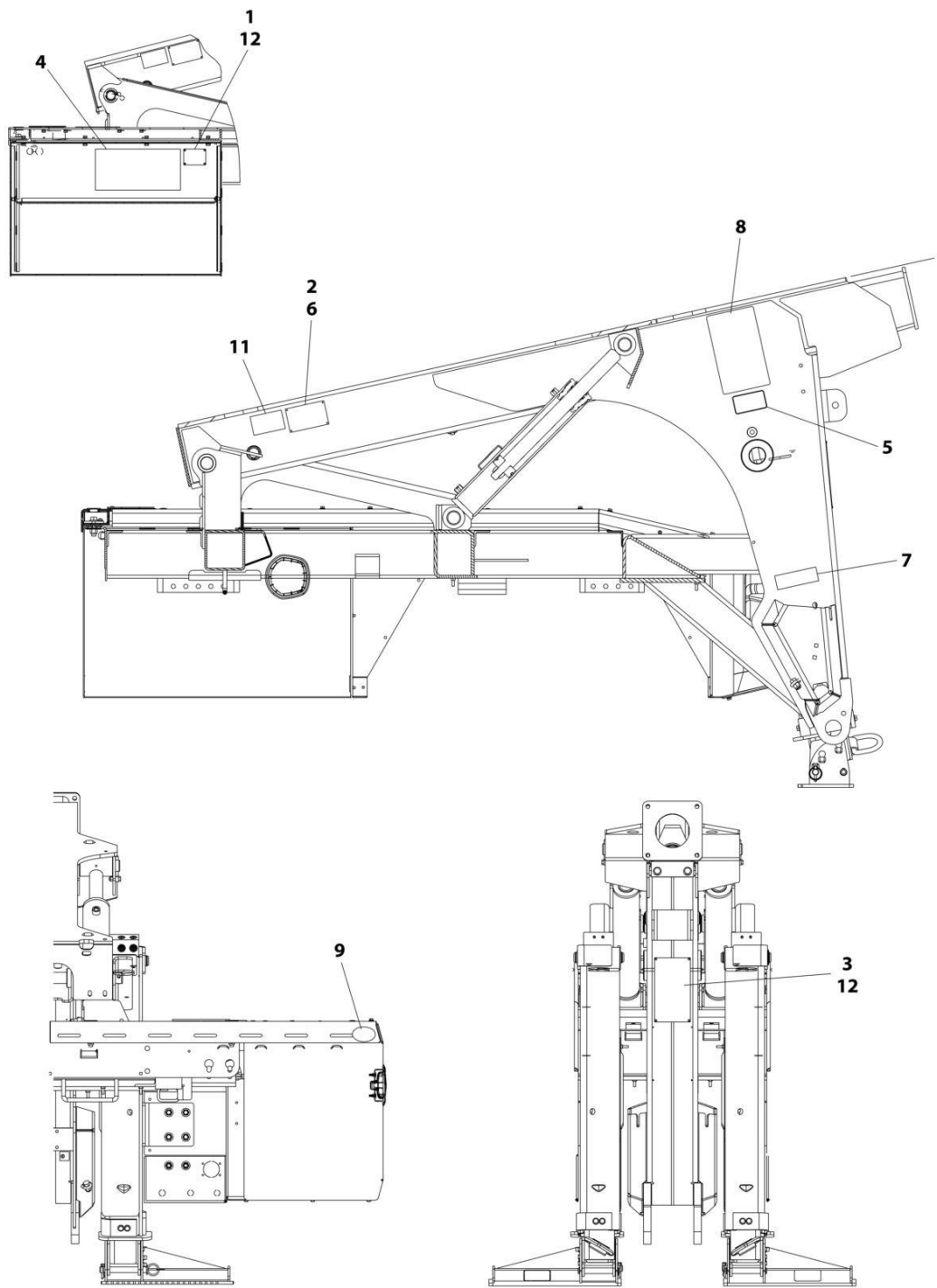
FIGURE 7-43. WIRED REMOTE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001298692	Ref	HARNESS, WIRED REMOTE	A
1	1001271968	1	Connector	
1	1001271970	12	Socket	
2	1001288044	2	Connector	
2	4460743	10	Socket	
2	4460457	2	Socket	
2	4460458	12	Seal	
3	1001288045	2	Connector	
3	4460979	12	Socket	
3	4460458	12	Seal	

SECTION 8 - DECAL

SECTION 8 - DECAL

FIGURE 8-1. DECAL INSTALLATION



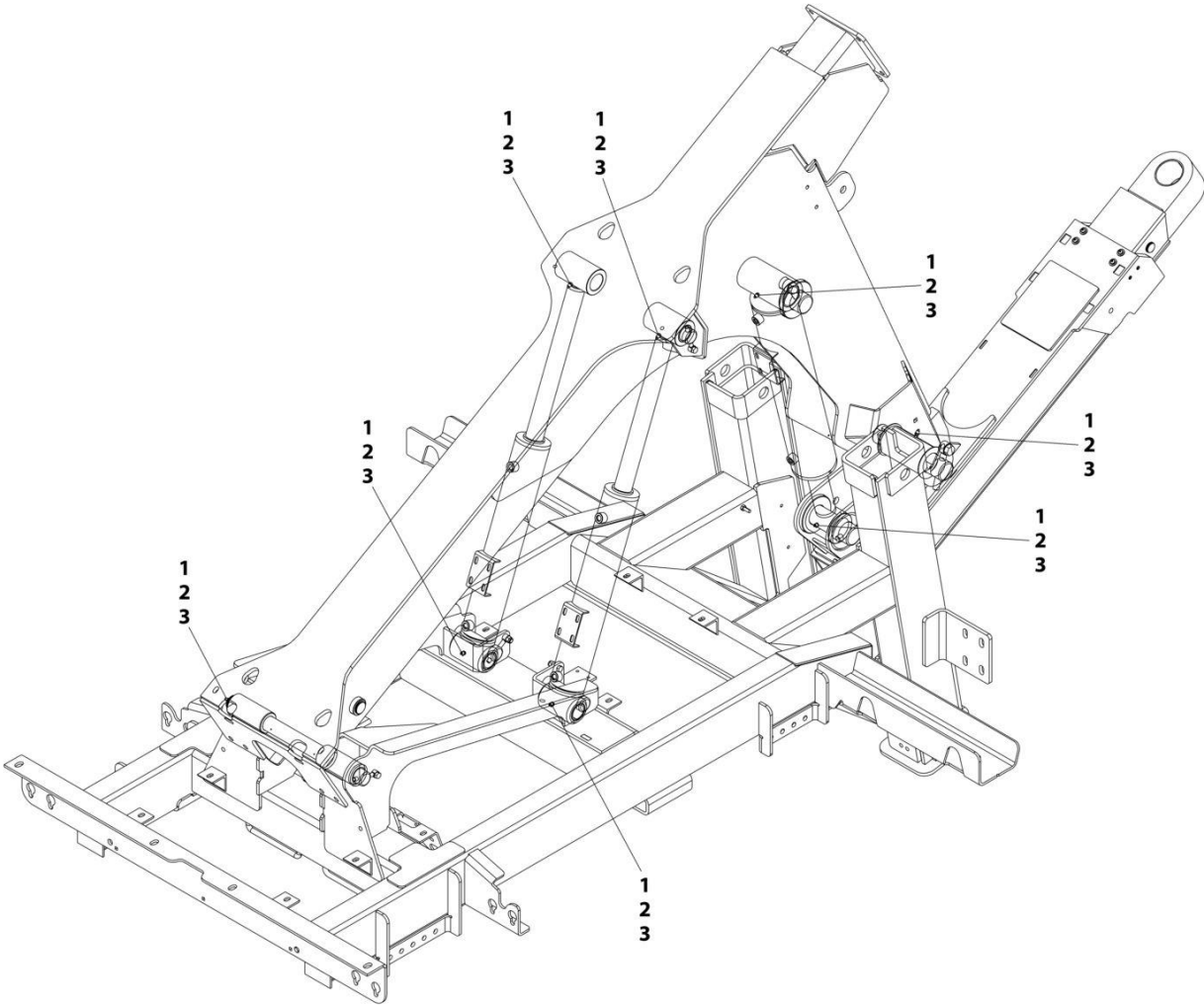
ART_1001297106

FIGURE 8-1. DECAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297106	Ref	DECAL INSTALLATION	B
1	1001127220	1	Decal - Indent Tag	
2	1001132346	1	Decal - Patent Placard	
3	1001132509	1	Decal - Serial Number	
4	1001207921	1	Decal - Lubrication	
5	1001231801	2	Decal - Warning	
6	4892000007	2	Tape	
7	7330000122	2	Decal - Warning	
8	7330000138	1	Decal - Checklist	
9	7330000143	1	Decal - Made in USA	
11	7330000546	1	Decal - Winch Cable Warning	
12	7759000004	8	Pop Rivet	

SECTION 8 - DECAL

FIGURE 8-2. LUBRICATION DECALS AND CAPS INSTALLATION



ART_1001294905

SECTION 8 - DECAL

FIGURE 8-2. LUBRICATION DECALS AND CAPS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001294905	Ref	LUBRICATION DECALS AND CAPS INSTALLATION	A
1	88671008	8	Grease Fitting	
2	7253000002	8	Cap, Grease Fitting	
3	3020029	AR	Lubricant	
4	1001209218	1	Decal (Not Shown)	
5	1001207921	AR	Decal (Not Shown)	

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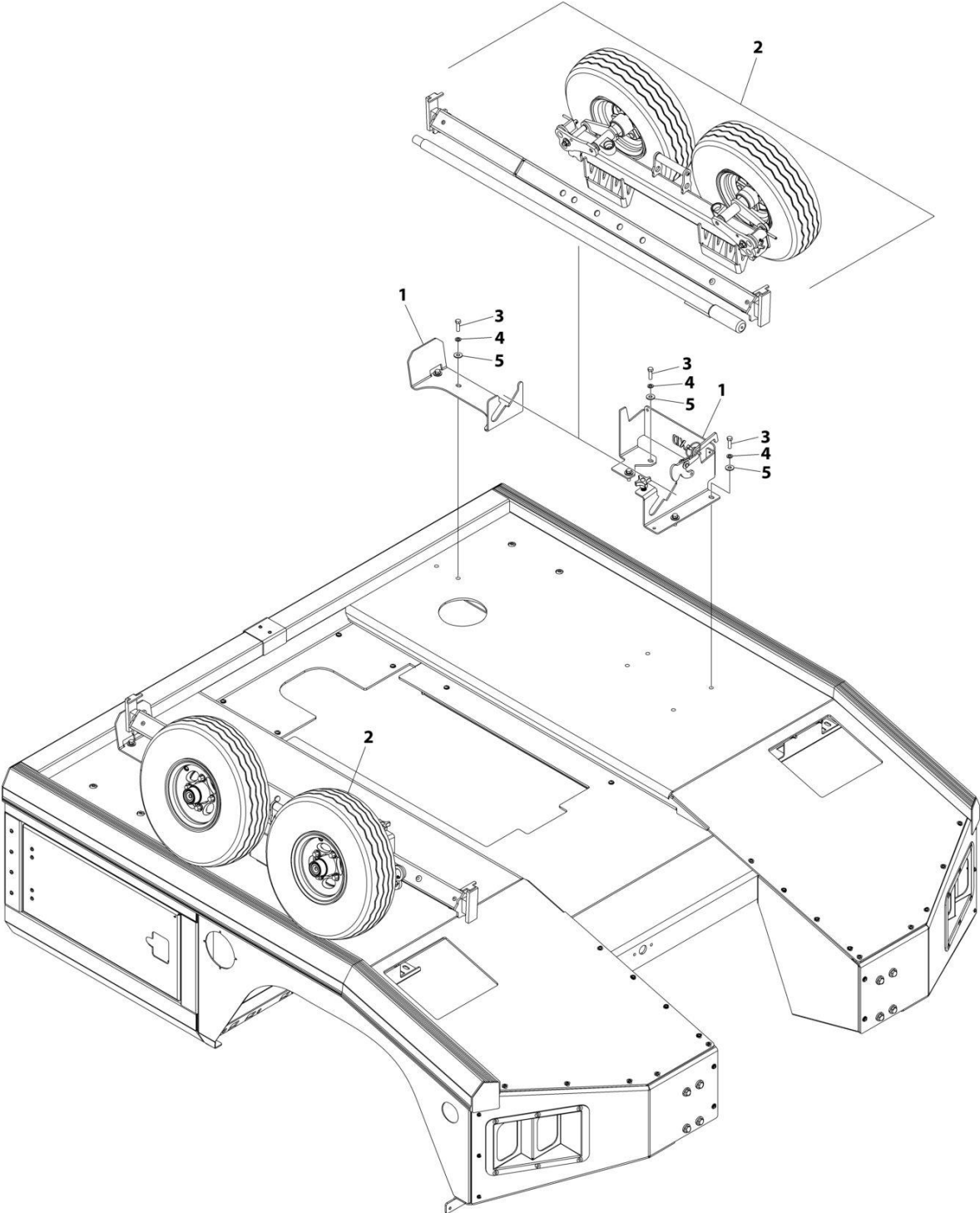
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FIGURE 9-1. KITS LIST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241869	Ref	KITS LIST	H
		Ref	Note: Contact JERR-DAN Parts Department for exact contents of kit:	
	1001290326	Ref	Cylinder Boot Kit (for Underlift Tilt Cylinder)	
	2512880041	Ref	Frame Fork Kit	

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FIGURE 9-2. DOLLIES INSTALLATION



ART_1001258797

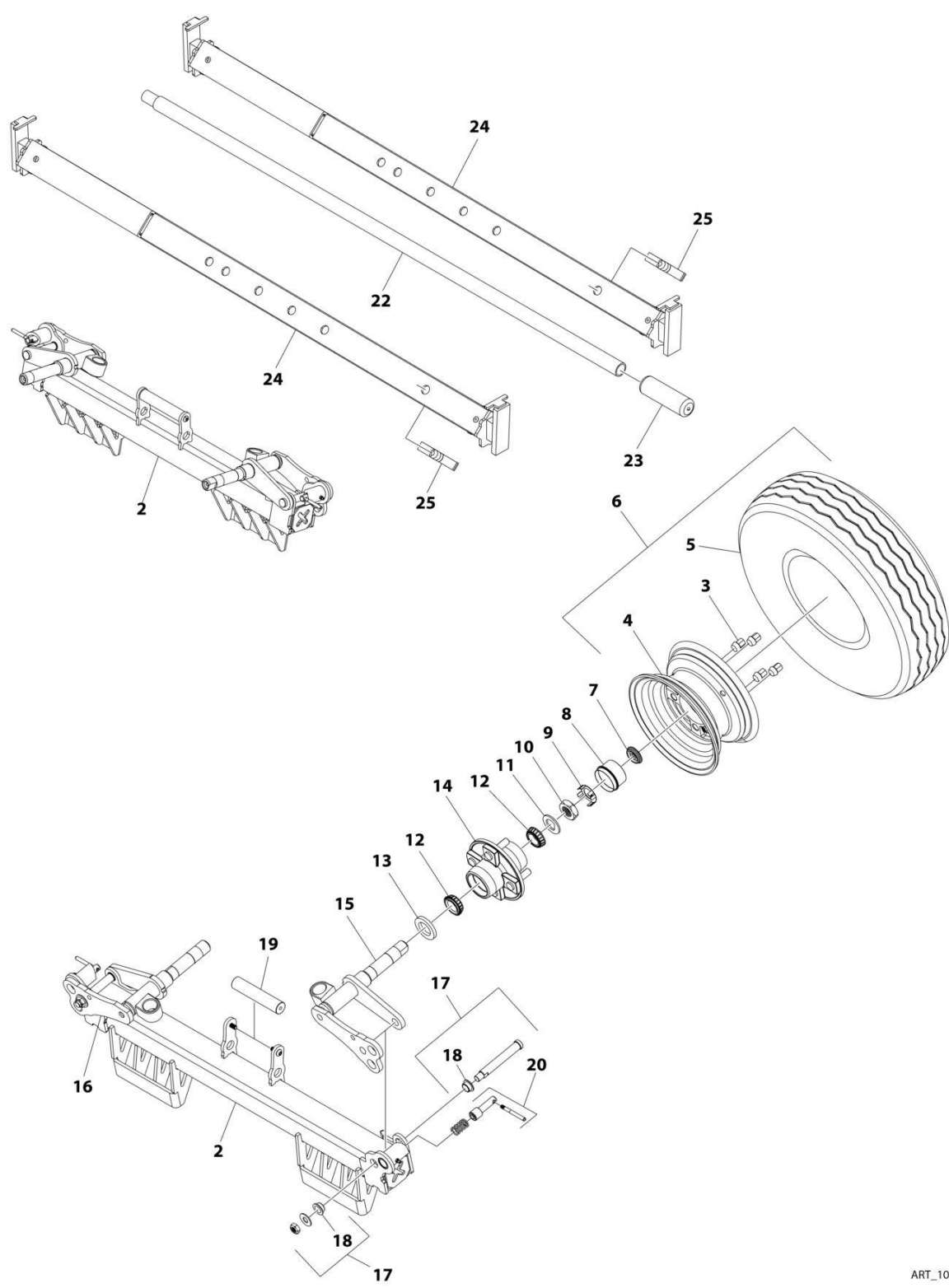
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FIGURE 9-2. DOLLIES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258797	Ref	DOLLIES INSTALLATION	A
1	1001223286	1	Tow Dolly Mount	
2	1001258796	1	Dollies Assembly (See Separate Breakdown in this Section)	
3	7114161050	12	Screw 3/8 x 1-1/4	
4	4761600	12	Washer 3/8	
5	7950160163	12	Flatwasher 3/8	

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FIGURE 9-3. DOLLIES ASSEMBLY



ART_1001258796

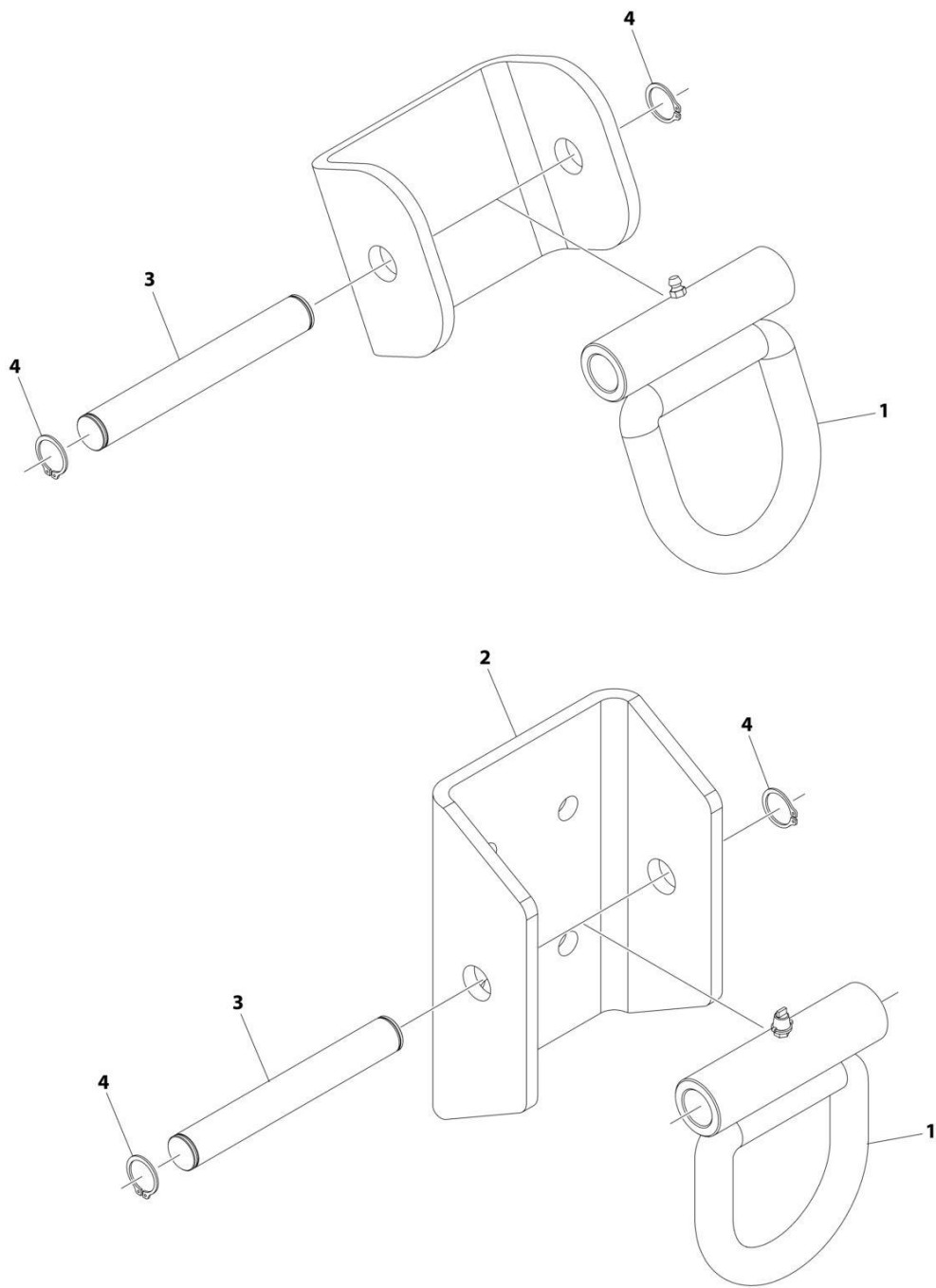
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FIGURE 9-3. DOLLIES ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258796	Ref	DOLLIES ASSEMBLY	A
2	70051947	2	Frame Only (No Hubs or Tires)	
3	70051645	16	Lug Nut	
4	70051647	4	Rim	
5	70051648	4	Tire 5.7x8	
6	70051920	4	Tire and Wheel Assembly (Includes Items 4&5)	
7	See Note	NSS	Insert, Rubber Cap (Note: Use Item 14)	
8	76051644	2	Cap, Dust	
9	See Note	NSS	Retainer Nut (Note: Use Item 14)	
10	See Note	NSS	Nut Jam (Note: Use Item 14)	
11	See Note	NSS	Washer (Note: Use Item 14)	
12	See Note	NSS	Bearing (Note: Use Item 14)	
13	See Note	NSS	Seal (Note: Use Item 14)	
14	70051929	4	Hub Assembly (Includes Items 7, 9-13)	
15	70051950	4	Spindle-Left	
16	70051951	4	Spindle-Right	
17	70052572	4	Dolly Pin Kit (Includes Item 18)	
18	See Note	NSS	Bushing (Note: Use Item 17)	
19	70051649	2	Handle, Dolly	
20	70051650	4	Cam Lock	
21	NPN	1	Decal Kit (Not Shown)	
22	70052448	1	Bar, Brake	
23	NPN	1	Grip	
24	70052606	2	Axle, Telescope	
25	70051653	2	Button, Snap	
		Ref	Options:	
101	70051953	1	Mount, Universal (Not Shown)	
102	70052426	1	Mount, Axle Slide Tunnel Box (Not Shown)	
103	70052450	1	Box, Drop Down (Not Shown)	
104	70052449	1	Mount, Integrated (Not Shown)	
105	70054727	1	Mount, Simply Locking (Not Shown)	
106	70052164	1	Bunk Kit - 1023 (Not Shown)	
107	70052169	1	Mount, 1242W (Not Shown)	
108	70052600	1	Storage, Tilt-N-Slide (Not Shown)	
109	70052605	1	Carrier, Motorcycle Caddy (Not Shown)	
110	70052165	1	Bunk Kit - 4452 (LH) (Not Shown)	
111	70052166	1	Bunk Kit - 4453 (RH) (Not Shown)	
112	70052167	1	Bunk Kit - Latch (Centre) (Not Shown)	
113	70052168	1	Chain, Bunk (Not Shown)	

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FIGURE 9-4. D-RING INSTALLATION - NO TOW SLING



ART_1001291675

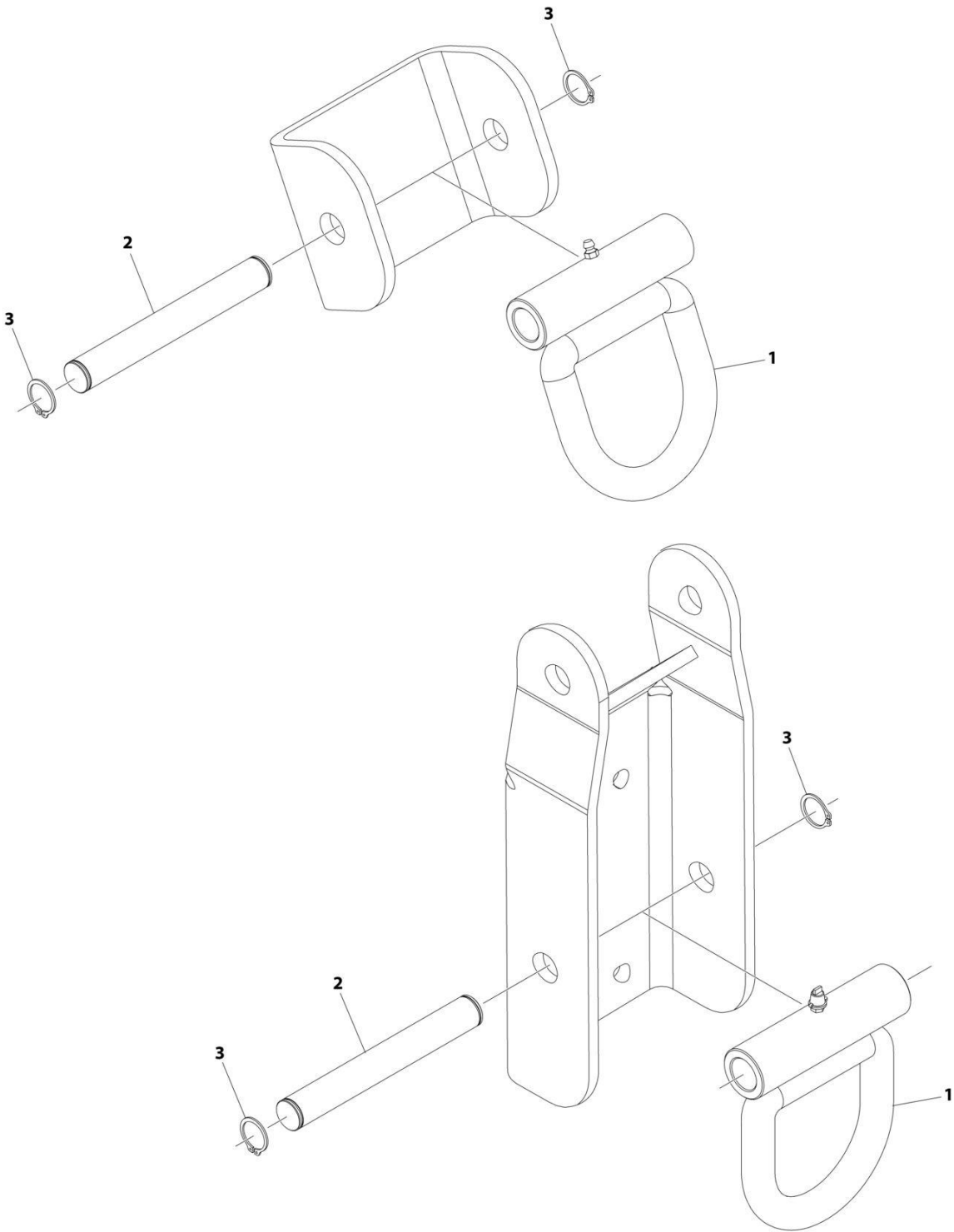
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FIGURE 9-4. D-RING INSTALLATION - NO TOW SLING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291675	Ref	D-RING INSTALLATION - NO TOW SLING	B
1	3754000004	3	Ring	
2	1001290225	2	Support	
3	4691000541	3	Pin	
4	7754000022	6	Ring, Retaining	

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FIGURE 9-5. D-RING INSTALLATION - WITH TOW SLING



ART_1001291674

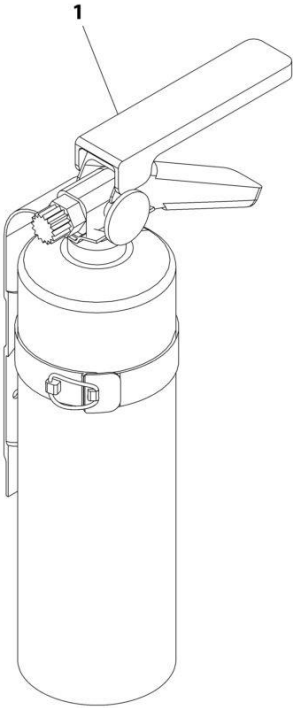
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FIGURE 9-5. D-RING INSTALLATION - WITH TOW SLING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291674	Ref	D-RING INSTALLATION - WITH TOW SLING	A
1	3754000004	3	Ring	
2	4691000541	3	Pin	
3	7754000022	6	Ring, Retaining	

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FIGURE 9-6. FIRE EXTINGUISHER



ART_2002000028

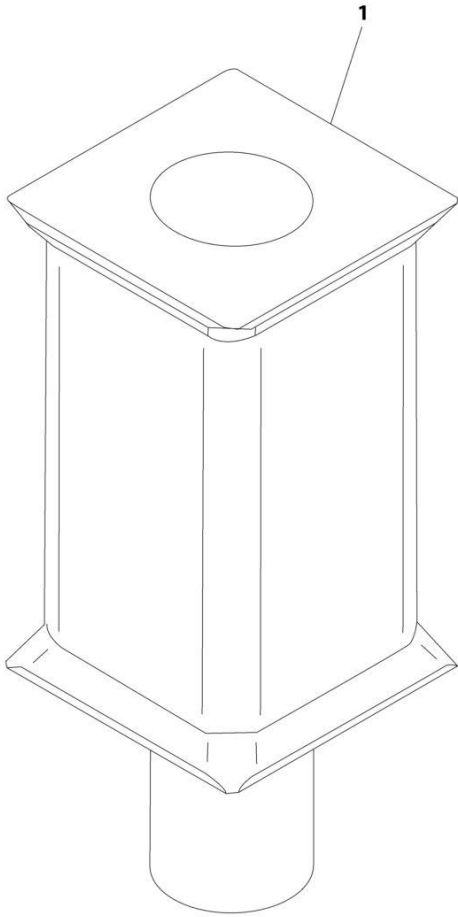
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FIGURE 9-6. FIRE EXTINGUISHER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2002000028	Ref	Fire Extinguisher Accessory	0
	7002000404	1	Fire Extinguisher	

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FIGURE 9-7. FORK RISERS



ART_1001231627

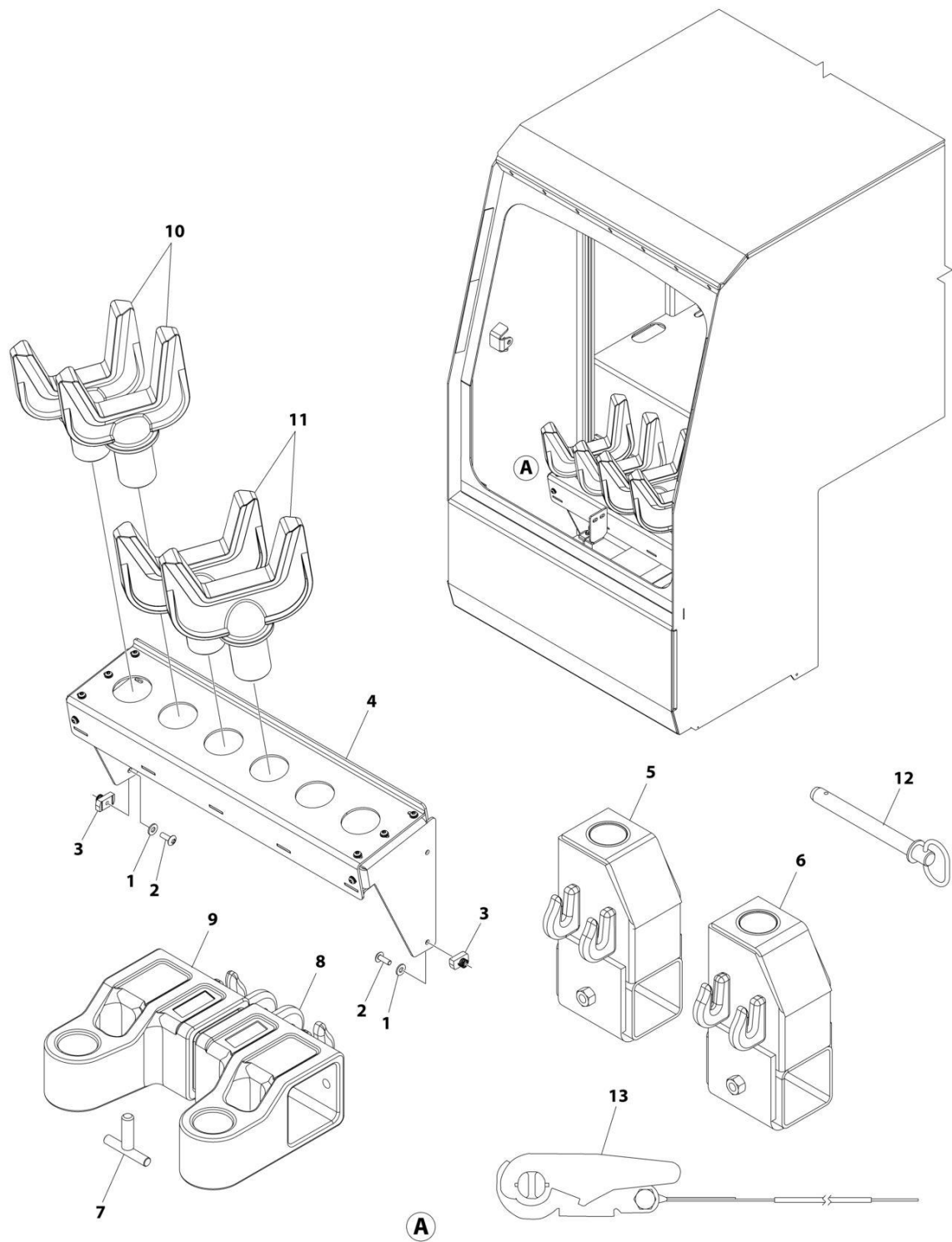
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FIGURE 9-7. FORK RISERS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001231627	Ref	FORK RISER - 7IN	A
	7002000502	2	Fork Riser Attachment	

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FIGURE 9-8. FRAME FORK STORAGE



ART_1001298755

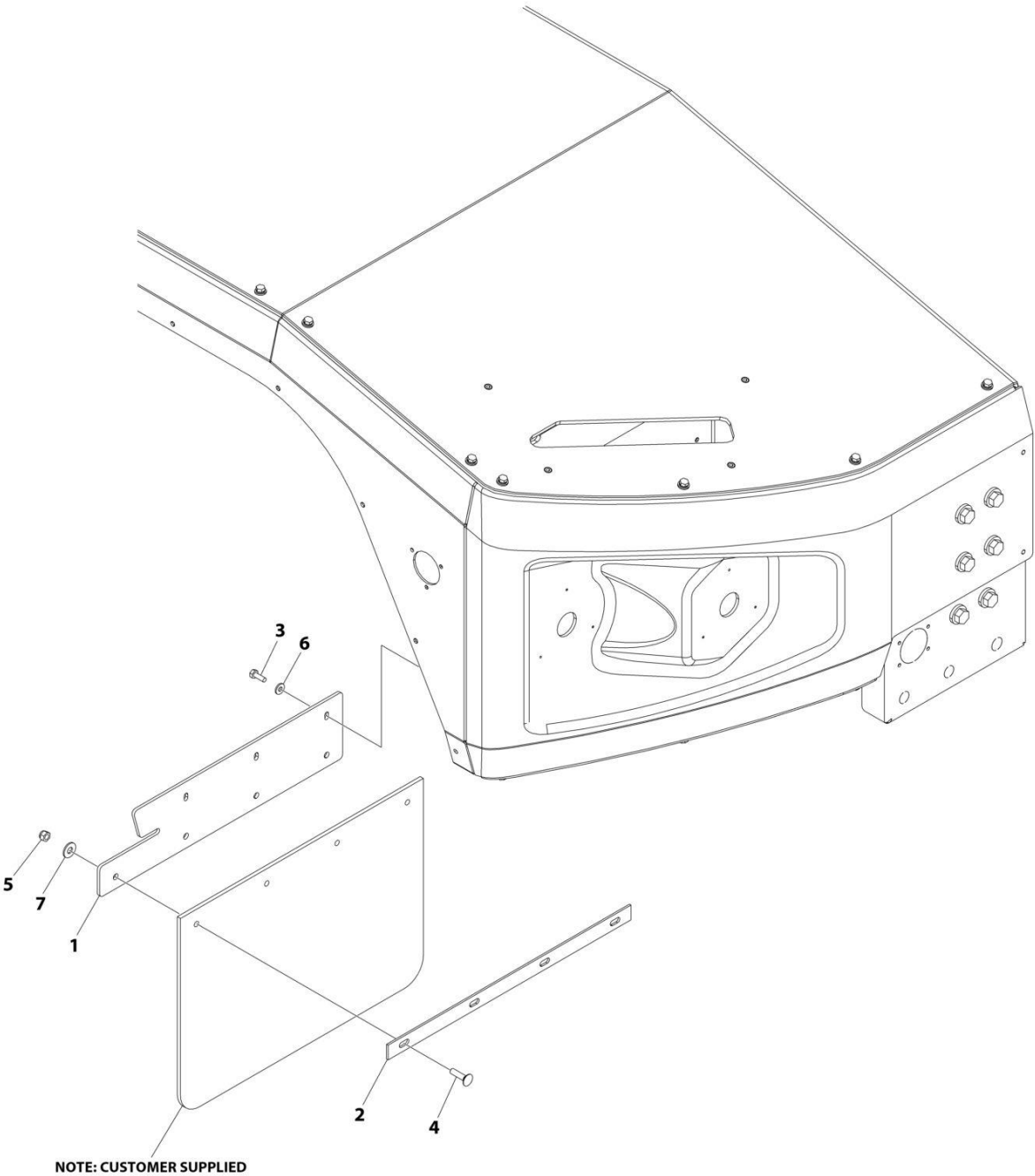
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FIGURE 9-8. FRAME FORK STORAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001298755	Ref	FRAME FORK STORAGE	A
1	4711400	4	Washer 1/4	
2	8303034	4	Screw 1/4 x 3/4	
3	1001298750	4	Nut 1/4	
4	1001303864	1	Support	
5	3512880012	1	Raised Fork Adapter, RH	
6	3512880013	1	Raised Fork Adapter, LH	
7	3551000036	4	T-Handle	
8	7007000057	1	Fork Adapter, LH	
9	7007000058	1	Fork Adapter, RH	
10	7454000007	2	Fork	
11	7454000008	2	Fork	
12	7691000017	2	Pin	
13	7894000024	2	Strap Assembly	

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FIGURE 9-9. MUDFLAPS INSTALLATION (CUSTOMER SUPPLIED)



ART_1001296064

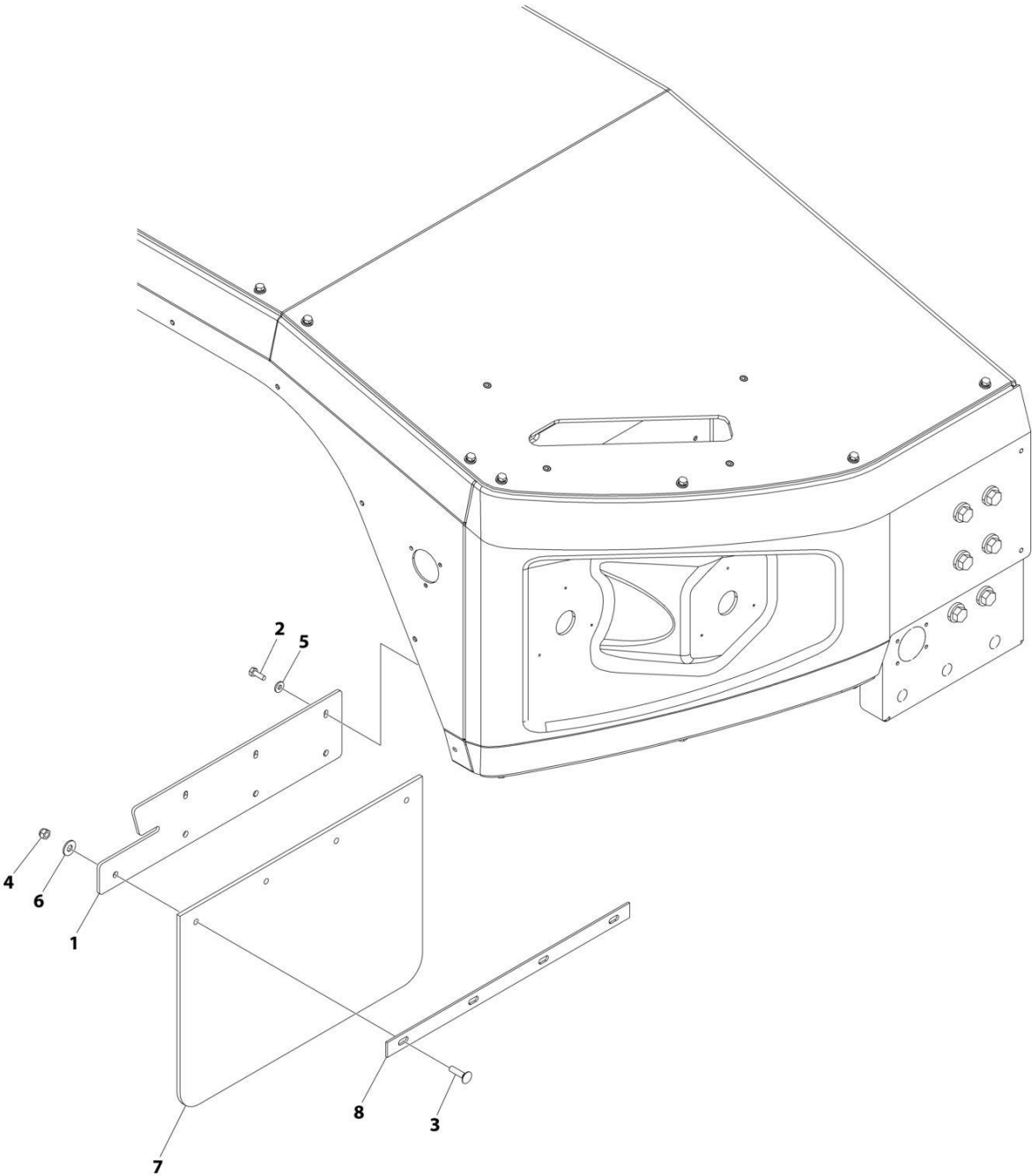
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FIGURE 9-9. MUDFLAPS INSTALLATION (CUSTOMER SUPPLIED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296064	Ref	MUDFLAPS INSTALLATION	A
1	1001294772	2	Bracket	
2	4706001123	2	Plate	
3	7115140650	6	Bolt 1/4 x 3/4	
4	7115151064	8	Bolt 5/16 x 1-1/4	
5	7660152601	8	Nut 5/16	
6	7950140143	6	Washer 1/4	
7	7950150161	8	Washer 5/16	

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FIGURE 9-10. MUDFLAPS INSTALLATION (FACTORY SUPPLIED)



ART_1001294771

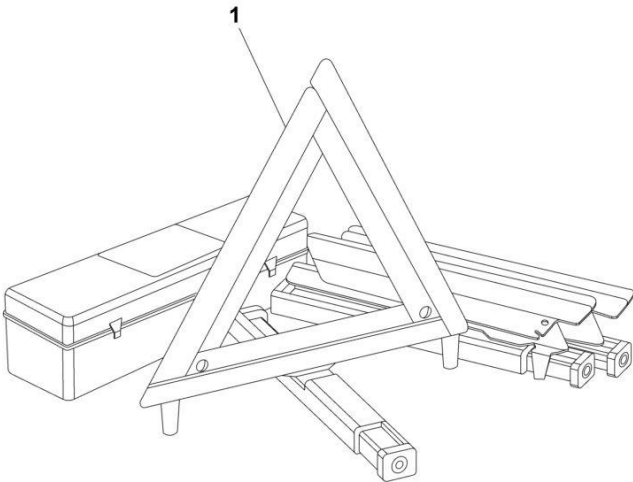
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FIGURE 9-10. MUDFLAPS INSTALLATION (FACTORY SUPPLIED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001294771	Ref	MUDFLAPS INSTALLATION	B
1	1001294772	2	Bracket	
2	7115140650	6	Bolt 1/4 x 3/4	
3	7115151064	8	Bolt 5/16 x 1-1/4	
4	7660152601	8	Nut 5/16	
5	7950140143	6	Washer 1/4	
6	7950150161	8	Washer 5/16	
7	7638000003	2	Mud Flap	
8	4706001123	2	Plate	

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FIGURE 9-11. SAFETY TRIANGLE KIT



ART_STK

SECTION 9 - ACCESSORIES

FIGURE 9-11. SAFETY TRIANGLE KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	STK 7002000285	Ref 1	Safety Triangle Kit Reflective Triangles	0

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SECTION 10 - BUILD DOCUMENTS

FIGURE 10-1. BUILD DOC_5376000274

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	Note	Ref	Note: This list is for build tracking purposes only. Parts in this list are not available at this inventory stocking level. Parts in this list may not be applicable to all models. For more specific parts information contact Jerr-Dan Parts Department	
	1001291600	Ref	Body & Wiring Installation (With Fuel Filler)	
	1001291366	Ref	Body Wiring Installation (With Fuel Filler) (See Separate Breakdown in ELECTRICAL Section)	
	1001291602	Ref	Body Installation (With Fuel Filler) (See Separate Breakdown in BODY Section)	
	1001297200	Ref	Body & Wiring Installation (No Fuel Filler)	
	1001291366	Ref	Body Wiring Installation (No Fuel Filler) (See Separate Breakdown in ELECTRICAL Section)	
	1001297202	Ref	Body Installation (No Fuel Filler) (See Separate Breakdown in BODY Section)	
		Ref	PTO (Installation & replacement is based on individual characteristics of the unit - Contact Jerr-Dan Parts Dept.)	
	TP_REF	Ref	Pump (Installation & replacement is based on individual characteristics of the unit - Contact Jerr-Dan Parts Dept.)	
	1001299370	Ref	Ship-Out Stand for Kits Models	
	1001268204	Ref	SWITCH PANEL - 3 FUNCTION PANEL (IN DASH COMPACT)	
	1001266075	Ref	SWITCH PANEL ASSEMBLY - 3 FUNCTION (IN DASH COMPACT) (See Separate Breakdown in ELECTRICAL Section)	
	1001129883	Ref	Breaker Installation - 50 Amp (See Separate Breakdown in ELECTRICAL Section)	
	1001268202	Ref	SWITCH PANEL - 3 FUNCTION PANEL (UNDER DASH COMPACT)	
	1001266355	Ref	SWITCH PANEL ASSEMBLY - 3 FUNCTION (UNDER DASH COMPACT) (See Separate Breakdown in ELECTRICAL Section)	
	1001129883	Ref	Breaker Installation - 50 Amp (See Separate Breakdown in ELECTRICAL Section)	
	1001268208	Ref	SWITCH PANEL - 5 FUNCTION PANEL (IN DASH COMPACT)	
	1001266357	Ref	SWITCH PANEL ASSEMBLY - 5 FUNCTION (IN DASH COMPACT) (See Separate Breakdown in ELECTRICAL Section)	
	1001129883	Ref	Breaker Installation - 50 Amp (See Separate Breakdown in ELECTRICAL Section)	
	1001268206	Ref	SWITCH PANEL - 5 FUNCTION PANEL (UNDER DASH COMPACT)	
	1001266359	Ref	SWITCH PANEL ASSEMBLY - 5 FUNCTION (UNDER DASH COMPACT) (See Separate Breakdown in ELECTRICAL Section)	
	1001129883	Ref	Breaker Installation - 50 Amp (See Separate Breakdown in ELECTRICAL Section)	
	1001299582	Ref	TUNNEL & ELECTRICAL INSTALLATION - Single	
	1001291367	Ref	TUNNEL ELECTRICAL INSTALLATION - SINGLE	
	1001291066	Ref	TUNNEL HARNESS (See Separate Breakdown in ELECTRICAL Section)	
	1001293172	Ref	TUNNEL INSTALLATION (See Separate Breakdown in BODY Section)	
	1001296065	Ref	TUNNEL & ELECTRICAL INSTALLATION - DUAL	
	1001297261	Ref	TUNNEL ELECTRICAL INSTALLATION - DUAL	
	1001291066	Ref	TUNNEL HARNESS (See Separate Breakdown in ELECTRICAL Section)	
	1001293172	Ref	TUNNEL INSTALLATION (See Separate Breakdown in BODY Section)	

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