



Illustrated Parts Manual

Model JD MPL40 STANDARD DUTY WRECKER

SN 0230004217 to Present

P/N
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An Oshkosh Corporation Company

REVISION LOG

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GENERAL INFORMATION

This manual covers the following Jerr-Dan Models:

JD MPL40 Wrecker

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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 found on the aluminum tag riveted to the inside of the driver's side rear compartment of the main body.



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

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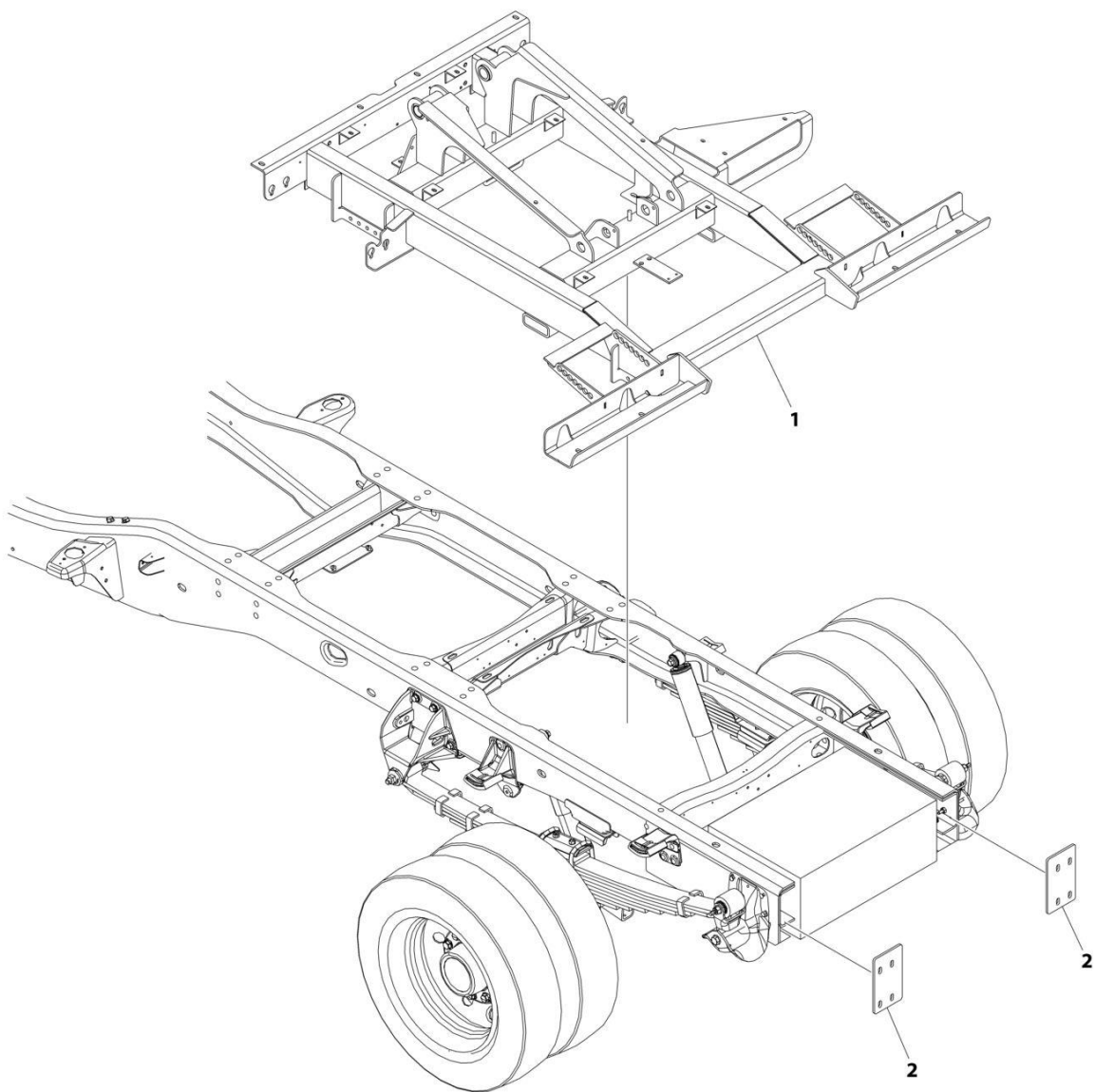
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SECTION 1 - SUBFRAME

SECTION 1 - SUBFRAME

FIGURE 1-1. SUBFRAME INSTALLATION



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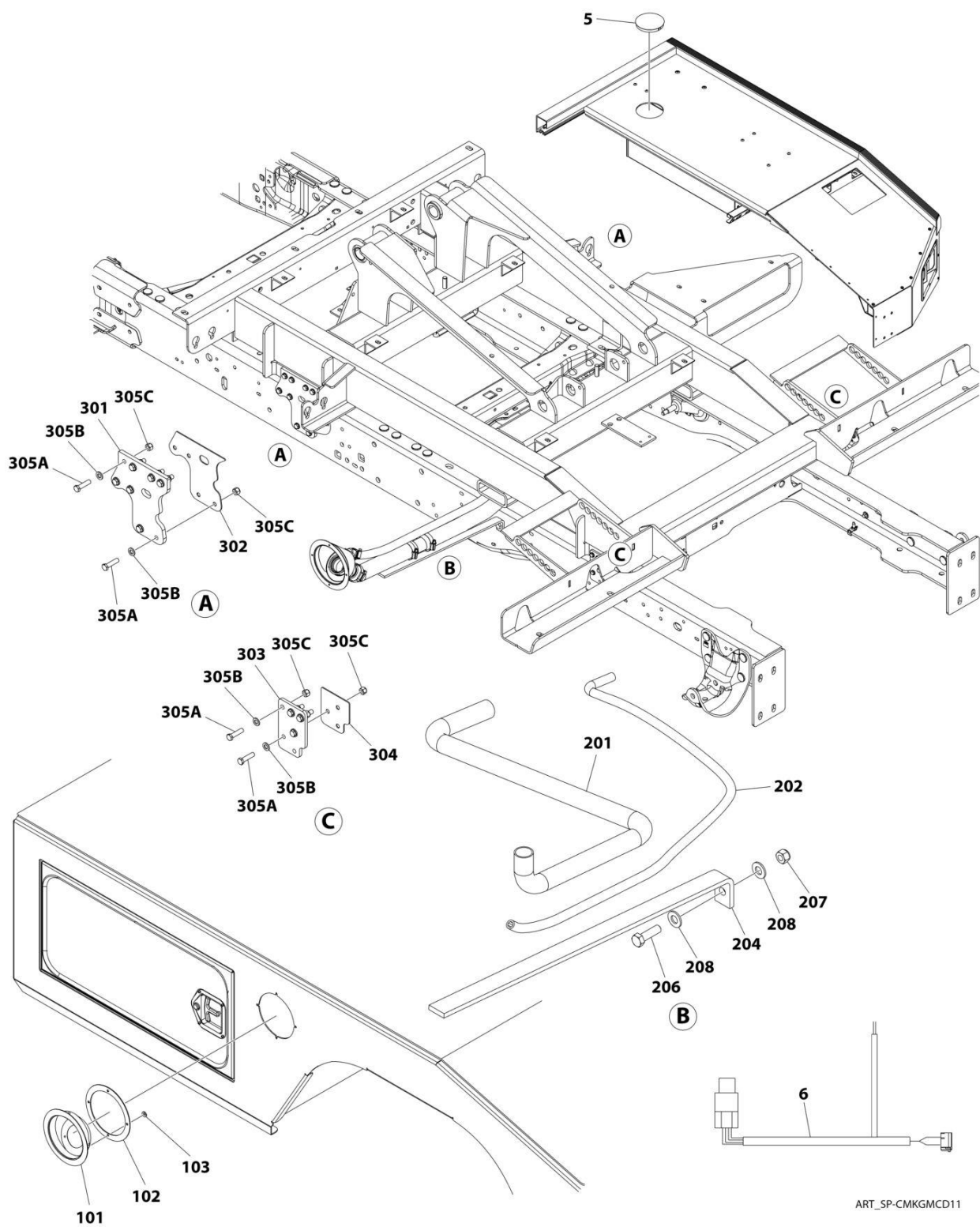
SECTION 1 - SUBFRAME

FIGURE 1-1. SUBFRAME INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196295	Ref	SUBFRAME INSTALLATION	B
1	1001196248	1	Subframe	
2	4706004919	2	Plate	

SECTION 1 - SUBFRAME

FIGURE 1-2. CHASSIS MOUNTING KIT - CHEVY/GMC 2011 DIESEL WITH 60IN CA



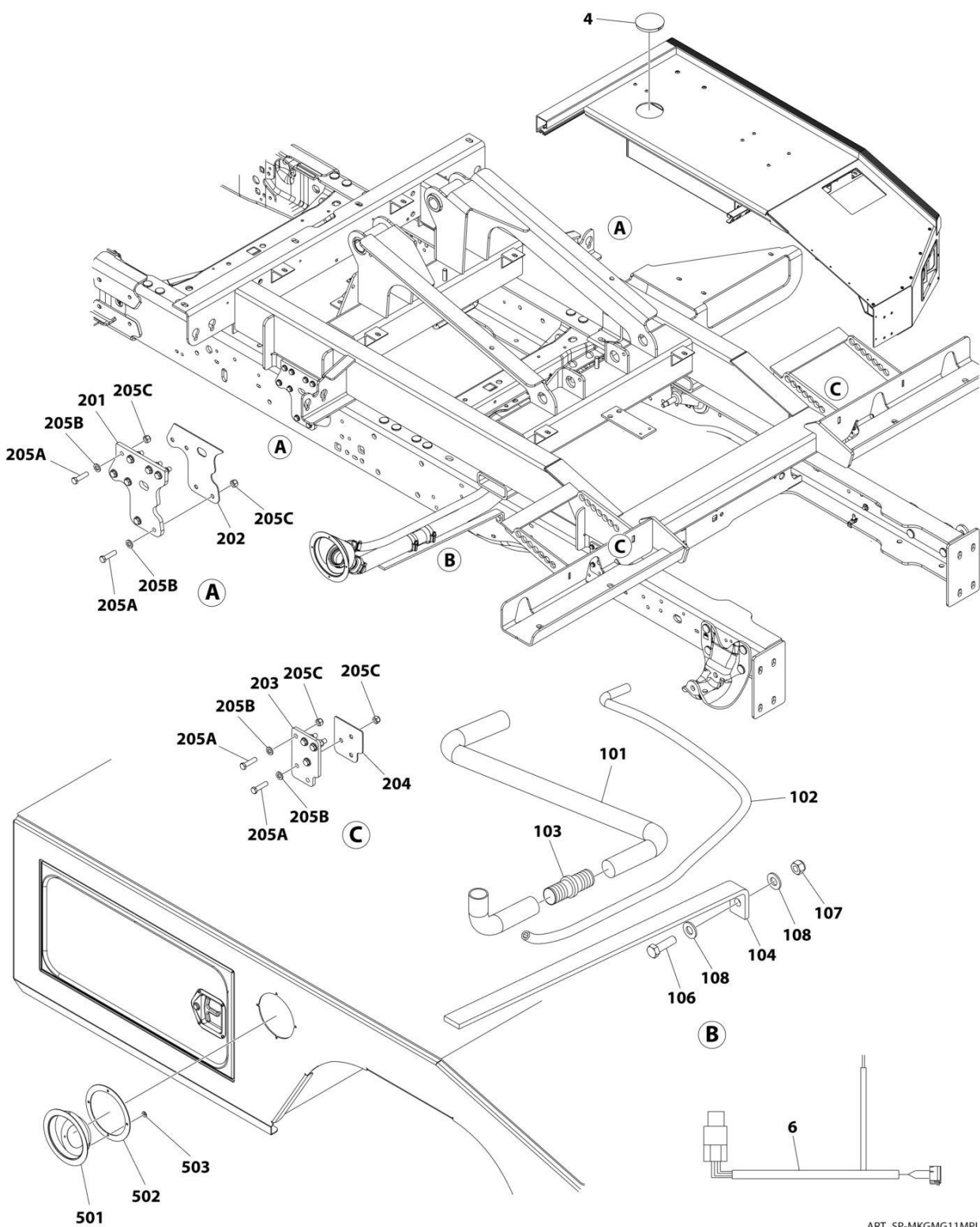
SECTION 1 - SUBFRAME

FIGURE 1-2. CHASSIS MOUNTING KIT - CHEVY/GMC 2011 DIESEL WITH 60IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	SP-CMKGMCDD11	Ref	CHASSIS MOUNTING KIT - CHEVY/GMC 2011 DIESEL WITH 60IN CA	C
1	2178000062	Ref	Bracket Installation (Not Shown) (See Items 101-103 for Breakdown)	
3	2570000174	Ref	Hose Installation (Not Shown) (See Items 201-208 for Breakdown)	
4	1001126235	Ref	Subframe Installation (Not Shown) (See Items 301-306 for Breakdown)	
5	7701000075	1	Plug	
6	3509330132	1	Electric Assembly	
6	4552000410	1	Harness, Back-up Alarm	
	2178000062	Ref	BRACKET INSTALLATION	0
101	7449000019	1	Flange	
102	7796000100	1	Gasket	
103	7950100151	4	Washer 3/16	
	2570000174	Ref	HOSE INSTALLATION	B
201	7570000037	1	Hose	
202	7570000021	1	Hose	
204	4533000415	1	Bracket	
205	5526000553	8	Tie-Strap (Not Shown)	
206	7115161050	1	Bolt 3/8 x 1-1/4	
207	7660162601	1	Nut 3/8	
208	7950160141	2	Washer 3/8	
	1001126235	Ref	SUBFRAME INSTALLATION	0
301	1001126236	2	Plate	
302	4812000141	2	Shim	
303	4706006442	2	Plate Rear	
304	4812000142	2	shim	
305	7577000693	1	Kit-Saddle (Not Shown)	
305A	7115181650	26	Bolt 1/2 x 2	
305B	7950180153	26	Washer 1/2	
305C	7660182601	26	Nut 1/2	
306	7115181250	8	Bolt 1/2 x 1-1/2 (Not Shown)	

SECTION 1 - SUBFRAME

FIGURE 1-3. CHASSIS MOUNTING KIT - CHEVY/GMC 2011 GAS WITH 60IN CA



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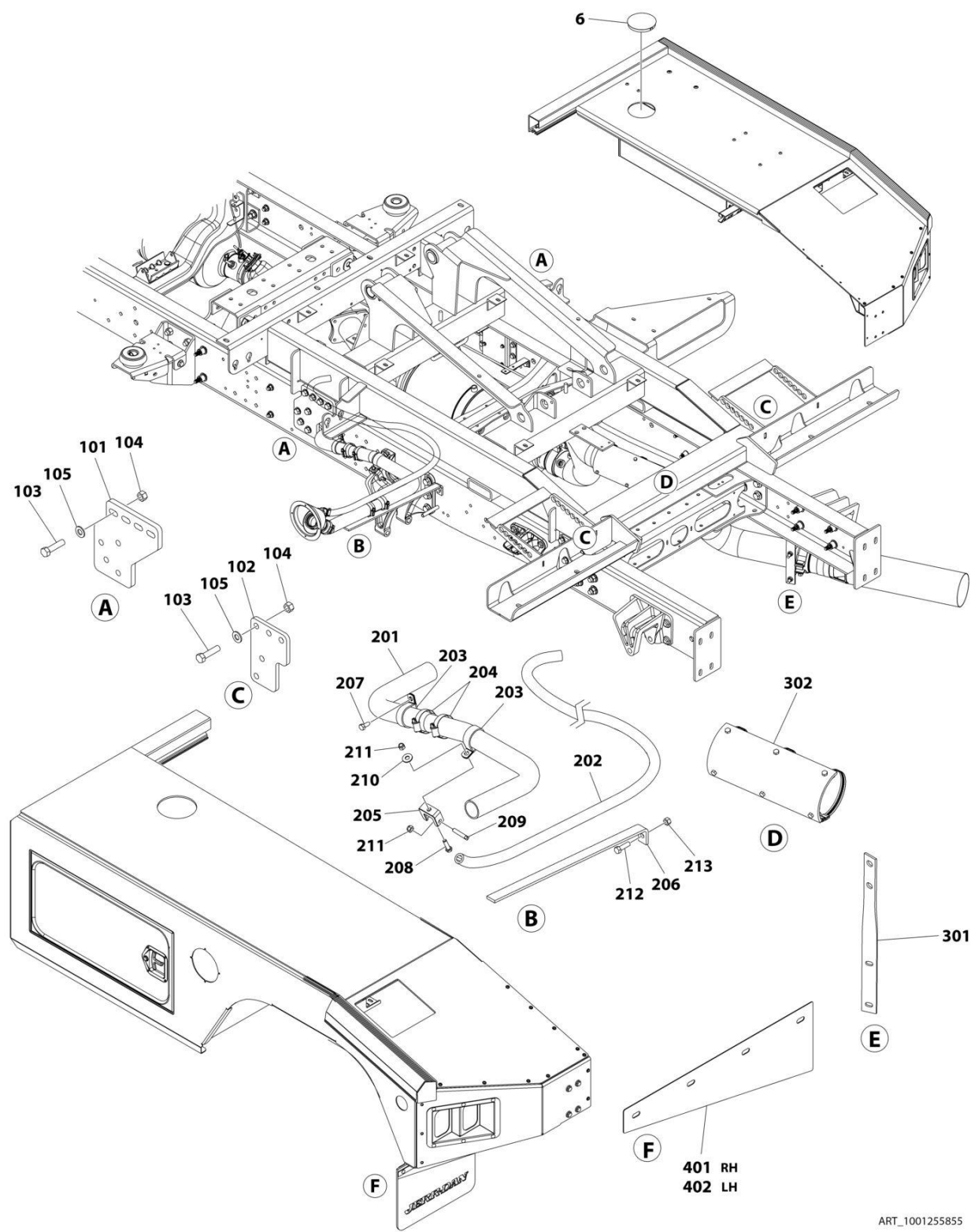
SECTION 1 - SUBFRAME

FIGURE 1-3. CHASSIS MOUNTING KIT - CHEVY/GMC 2011 GAS WITH 60IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	SP-MKGMG11MPL	Ref	CHASSIS MOUNTING KIT - CHEVY/GMC 2011 GAS WITH 60IN CA	C
1	2570000170	Ref	Hose Installation (Not Shown) (See Items 101-108 for Breakdown)	
2	1001126235	Ref	Subframe Installation (Not Shown) (See Items 201-206 for Breakdown)	
4	7701000075	1	Plug	
5	2178000062	Ref	Bracket Installation (Not Shown) (See Items 301-303 for Breakdown)	
6	3509330132	1	Electric Assembly	
6	4552000410	1	Harness, Back-up Alarm	
	2570000170	Ref	HOSE INSTALLATION	B
101	7570000028	1	Hose	
102	7570000021	1	Hose	
103	7443000354	1	Fitting	
104	4533000415	1	Bracket	
105	5526000553	1	Tie-Strap (Not Shown)	
106	7115161050	1	Bolt 3/8 x 1-1/4	
107	7660162601	1	Nut 3/8	
108	7950160141	1	Washer 3/8	
	1001126235	Ref	SUBFRAME INSTALLATION	0
201	1001126236	2	Plate	
202	4812000141	2	Shim	
203	4706006442	2	Plate Rear	
204	4812000142	2	shim	
205	7577000693	1	Kit-Saddle (Not Shown)	
205A	7115181650	26	Bolt 1/2 x 2	
205B	7950180153	26	Washer 1/2	
205C	7660182601	26	Nut 1/2	
206	7115181250	8	Bolt 1/2 x 1-1/2 (Not Shown)	
	2178000062	Ref	BRACKET INSTALLATION	0
301	7449000019	1	Flange	
302	7796000100	1	Gasket	
303	7950100151	4	Washer 3/16	

SECTION 1 - SUBFRAME

FIGURE 1-4. CHASSIS MOUNTING KIT - CV515 2019+ WITH 141IN WB



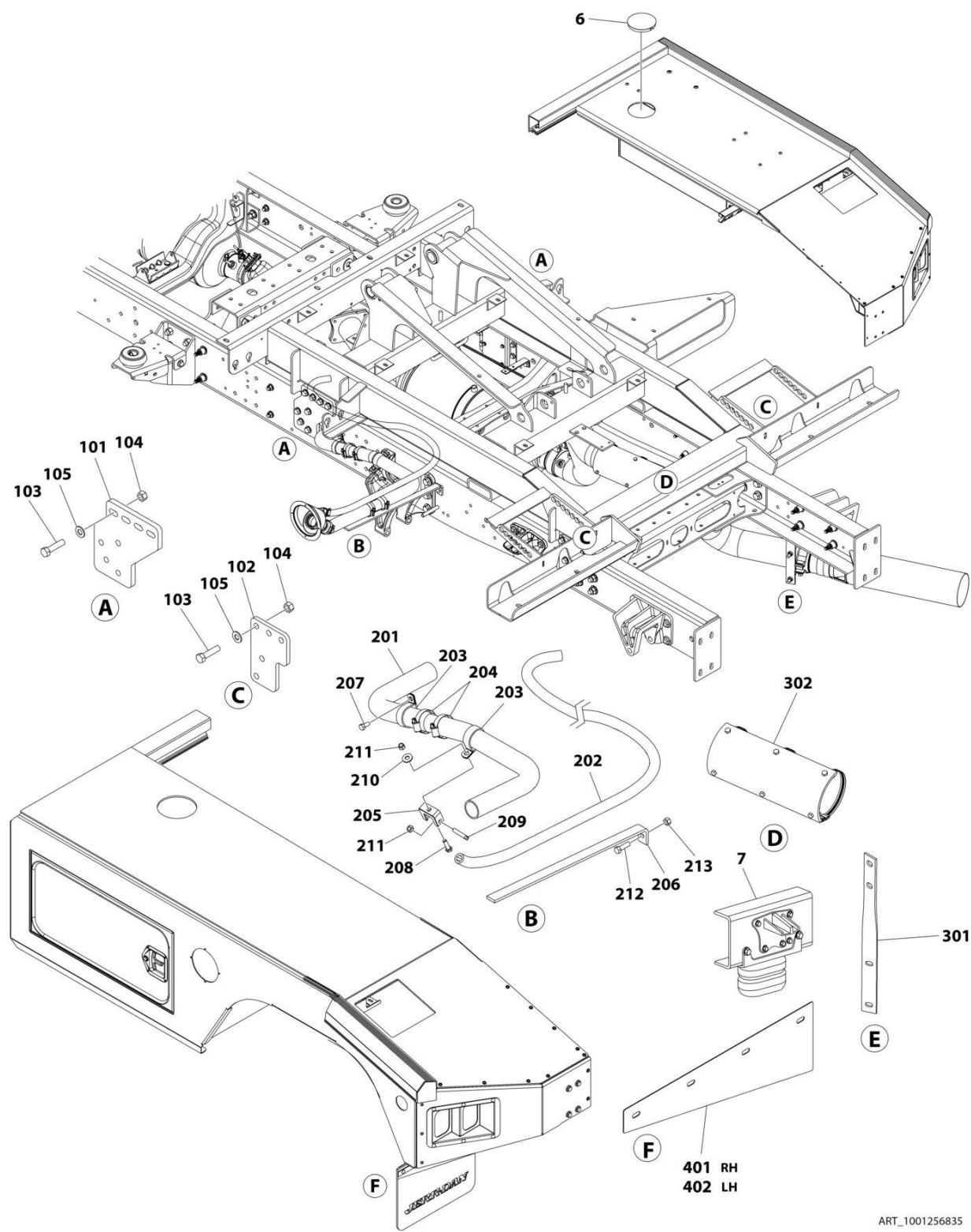
SECTION 1 - SUBFRAME

FIGURE 1-4. CHASSIS MOUNTING KIT - CV515 2019+ WITH 141IN WB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001255855	Ref	CHASSIS MOUNTING KIT - CV515 2019+ WITH 141IN WB	A
	1001255858	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)	A
3	1001255482	1	Kit, Electrical Connection (Not Shown)	
4	1001255854	Ref	Exhaust Modification Installation (Not Shown)(See Items 301-302 for Breakdown)	A
5	1001221651	Ref	Anti-Sail Brackets Installation (Not Shown)(Not Shown) (See Items 401-402 for Breakdown)	
6	7701000075	1	Plug	A
	1001255858	Ref	SUBFRAME INSTALLATION	
101	1001255942	2	Gusset (Not Shown)	A
102	1001255943	2	Plate	
103	1001255944	2	Plate	A
104	0681816	26	Bolt 1/2 x 2	
105	3271805	26	Nut 1/2	A
106	4711800	26	Washer 1/2	
	1001256226	Ref	FUEL FILLER INSTALLATION	A
201	7570000037	1	Hose	
202	1001256269	1	Hose	A
203	7274000042	2	Clamp	
204	7274000005	2	Clamp	A
205	7274000076	1	Clamp	
206	4533000415	1	Bracket	A
207	3941506	1	Tap-Screw	
208	7115151050	1	Bolt 5/16 x 1-1/4	A
209	7785152420	1	Screw 5/16 x 1-1/2	
210	7950150161	1	Washer 5/16	A
211	7660152601	2	Nut 5/16	
212	0641610	1	Bolt 3/8 x 1-1/4	A
213	3271605	1	Nut 3/8	
214	7894000004	6	Tie-Strap (Not Shown)	A
	1001255854	Ref	EXHAUST INSTALLATION	
301	1001255844	1	Bracket	A
302	1001256168	1	Exhaust Shield	
	1001221651	Ref	ANTI-SAIL BRACKETS INSTALLATION	A
401	1001221652	1	Bracket, RH	
402	1001221653	1	Bracket, LH	

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FIGURE 1-5. CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN WB



ART_1001256835

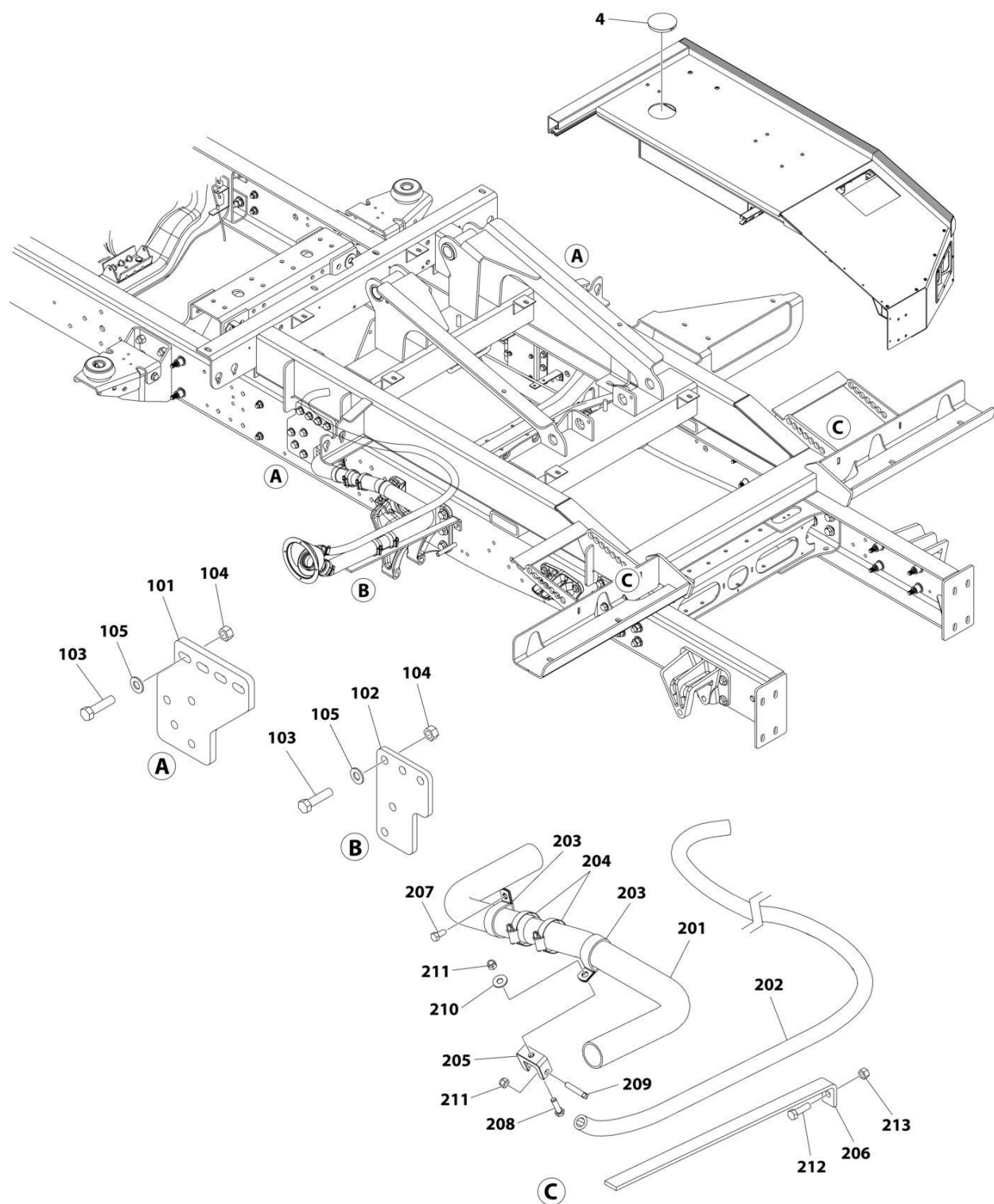
SECTION 1 - SUBFRAME

FIGURE 1-5. CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN WB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256835	Ref	CHASSIS MOUNTING KIT - CV515 2019+ WITH 141IN WB WITH TIMBRENS	A
1	1001255858	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)(Not Shown) (See Items 401-402 for Breakdown)	
6	7701000075	1	Plug	
7	1001256789	1	Rear Suspension	
	1001255858	Ref	SUBFRAME INSTALLATION	A
101	1001255942	2	Gusset (Not Shown)	
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	

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FIGURE 1-6. CHASSIS MOUNTING KIT - CV515 2019+ WITH 141IN WB WITH TIMBRENS



ART_1001255856

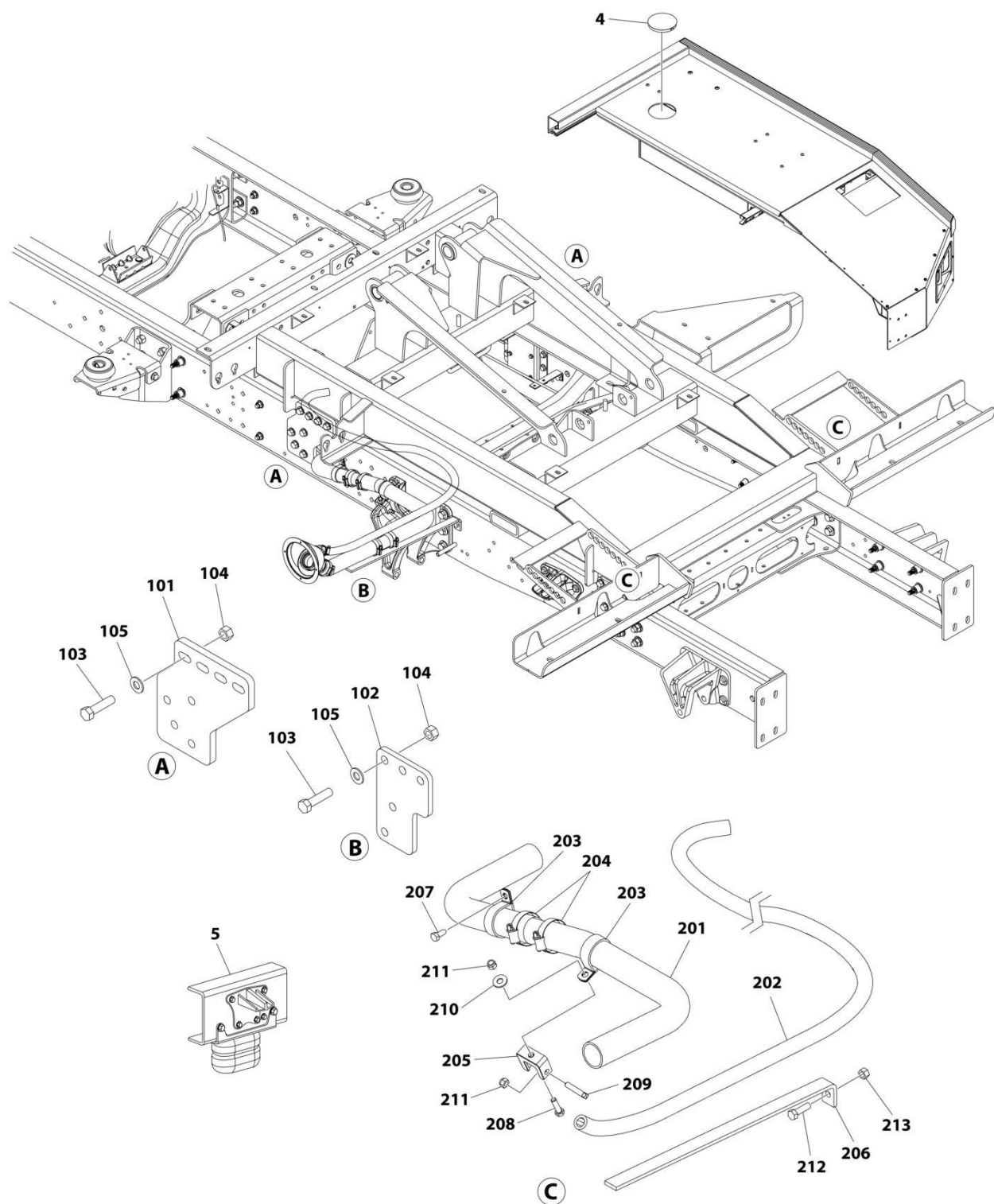
SECTION 1 - SUBFRAME

FIGURE 1-6. CHASSIS MOUNTING KIT - CV515 2019+ WITH 141IN WB WITH TIMBRENS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001255856	Ref	CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN WB	A
	1001255858	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)	A
3	1001255482	1	Kit, Electrical Connection (Not Shown)	
6	7701000075	1	Plug	
	1001255858	Ref	SUBFRAME INSTALLATION	
101	1001255942	2	Gusset (Not Shown)	
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 1-7. CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN WB WITH TIMBRENS



ART_1001256836

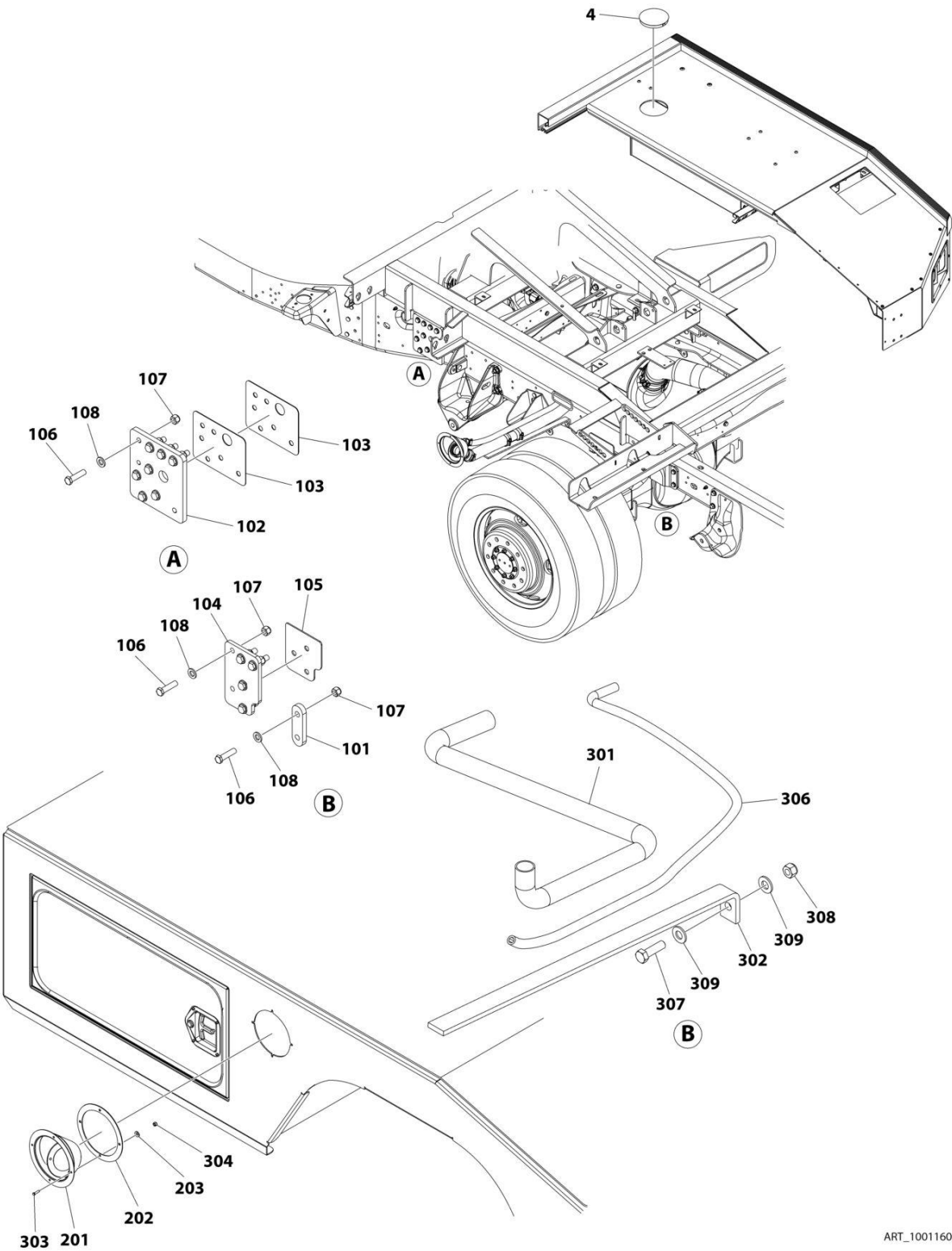
SECTION 1 - SUBFRAME

FIGURE 1-7. CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN WB WITH TIMBRENS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256836	Ref	CHASSIS MOUNTING KIT - CV515 2019 + WITH 165IN WB WITH TIMBRENS	A
1	1001255858	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)	
6	7701000075	1	Plug	
7	1001256789	1	Rear Suspension	
	1001255858	Ref	SUBFRAME INSTALLATION	A
101	1001255942	2	Gusset (Not Shown)	
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	
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 1-8. CHASSIS MOUNTING KIT - DODGE 2013+ WITH 60IN CA



ART_1001160904

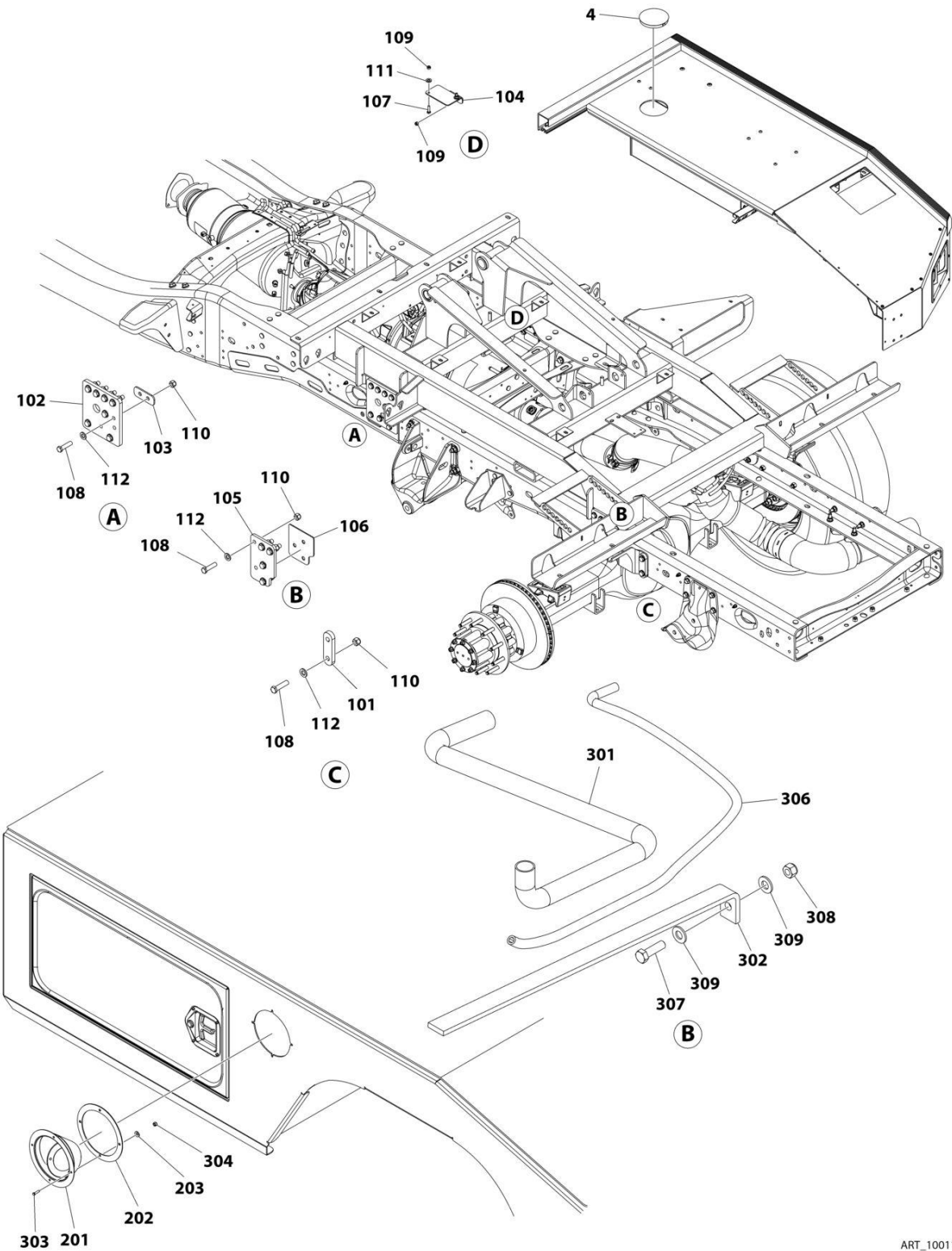
SECTION 1 - SUBFRAME

FIGURE 1-8. CHASSIS MOUNTING KIT - DODGE 2013+ WITH 60IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001160904	Ref	CHASSIS MOUNTING KIT - DODGE 2013+ WITH 60IN CA	A
	1001160833	Ref	Dodge Subframe Installation (Not Shown) (See Items 101-108 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 301-308 for Breakdown)	
4	7701000075	1	Plug	
	1001160833	Ref	DODGE SUBFRAME INSTALLATION	
101	1001160779	2	Shim	
102	1001160831	2	Plate	
103	1001160988	4	Shim	
104	4706006442	2	Plate	
105	4812000142	2	Shim	
106	7115181650	30	Bolt 1/2 x 2	
107	7660182601	30	Nut 1/2	0
108	7950180153	30	Washer 1/2	
	2178000062	Ref	BRACKET INSTALLATION	
201	7449000019	1	Flange	
202	7796000100	1	Gasket	A
203	7950100151	4	Washer 3/16	
	2570000157	Ref	HOSE INSTALLATION	
301	7570000037	1	Hose	
302	4533000415	1	Gas Filler Bracket	
303	7114100610	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	

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FIGURE 1-9. CHASSIS MOUNTING KIT - DODGE 2013+ WITH 84IN CA



ART_1001160905

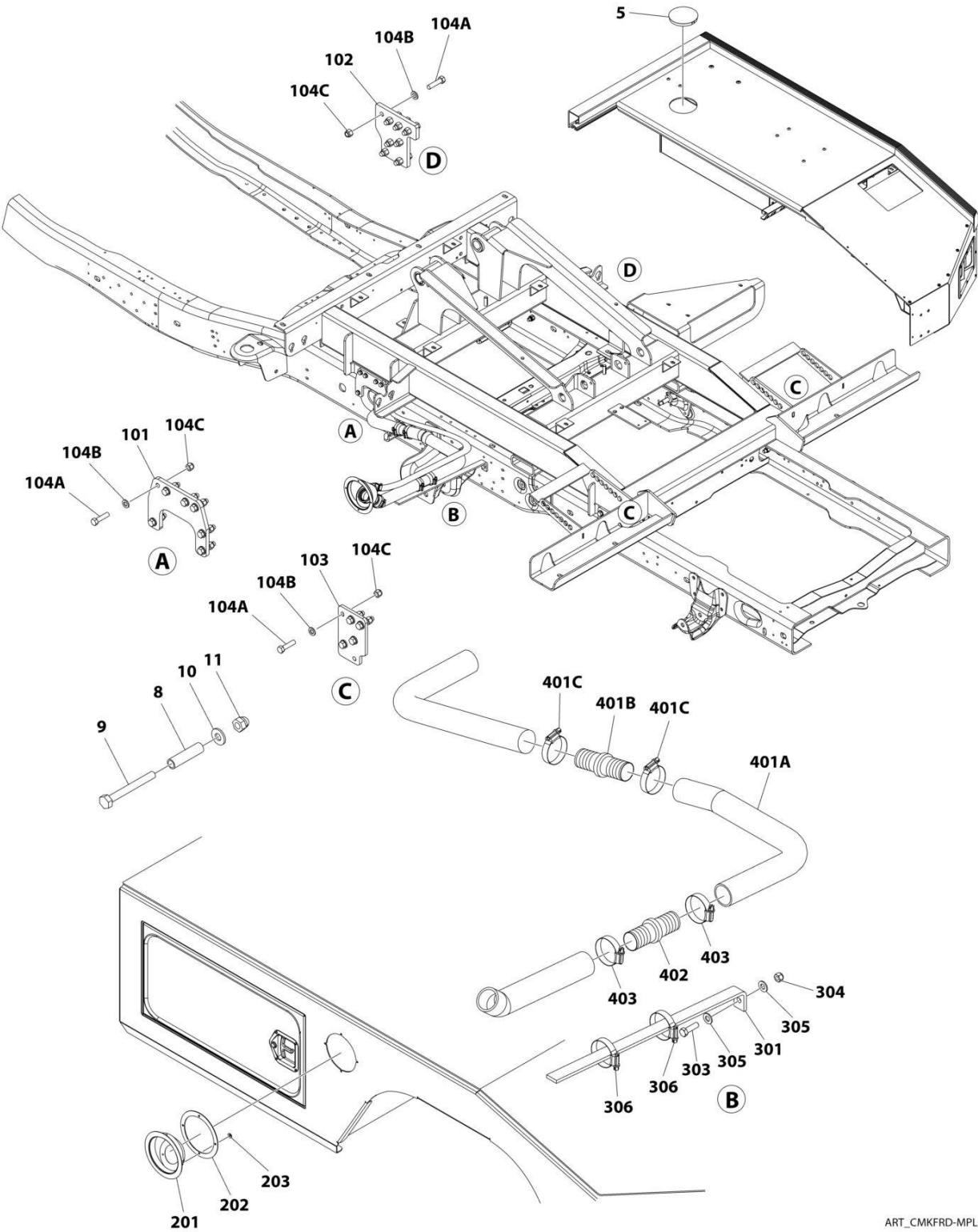
SECTION 1 - SUBFRAME

FIGURE 1-9. CHASSIS MOUNTING KIT - DODGE 2013+ WITH 84IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160905	Ref	CHASSIS MOUNTING KIT - DODGE 2013+ WITH 84IN CA	A
1	1001160834	Ref	Dodge Subframe Installation (Not Shown) (See Items 101-112 for Breakdown)	
2	2178000062	Ref	Bracket Installation (Not Shown) (See Items 201-203 for Breakdown)	
3	2570000157	Ref	Hose Installation (Not Shown) (See Items 301-309 for Breakdown)	
4	7701000075	1	Plug	
	1001160834	Ref	DODGE SUBFRAME INSTALLATION	B
101	1001160779	2	Shim	
102	1001160831	2	Plate	
103	1001160835	2	Shim	
104	1001160919	1	Bracket	
105	4706006442	2	Plate	
106	4812000142	2	Shim	
107	7115140850	2	Bolt 1/4 x 1	
108	7115181650	30	Bolt 1/2 x 2	
109	7660142601	3	Nut 1/4	
110	7660182601	30	Nut 1/2	
111	7950140153	2	Washer 1/4	
112	7950180153	30	Washer 1/2	
	2178000062	Ref	BRACKET INSTALLATION	0
201	7449000019	1	Flange	
202	7796000100	1	Gasket	
203	7950100151	4	Washer 3/16	
	2570000157	Ref	HOSE INSTALLATION	A
301	7570000037	1	Hose	
302	4533000415	1	Gas Filler Bracket	
303	7114100610	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	

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FIGURE 1-10. CHASSIS MOUNTING KIT - FORD DIESEL - 2010 WITH 60IN CA



ART_CMKFRD-MPL

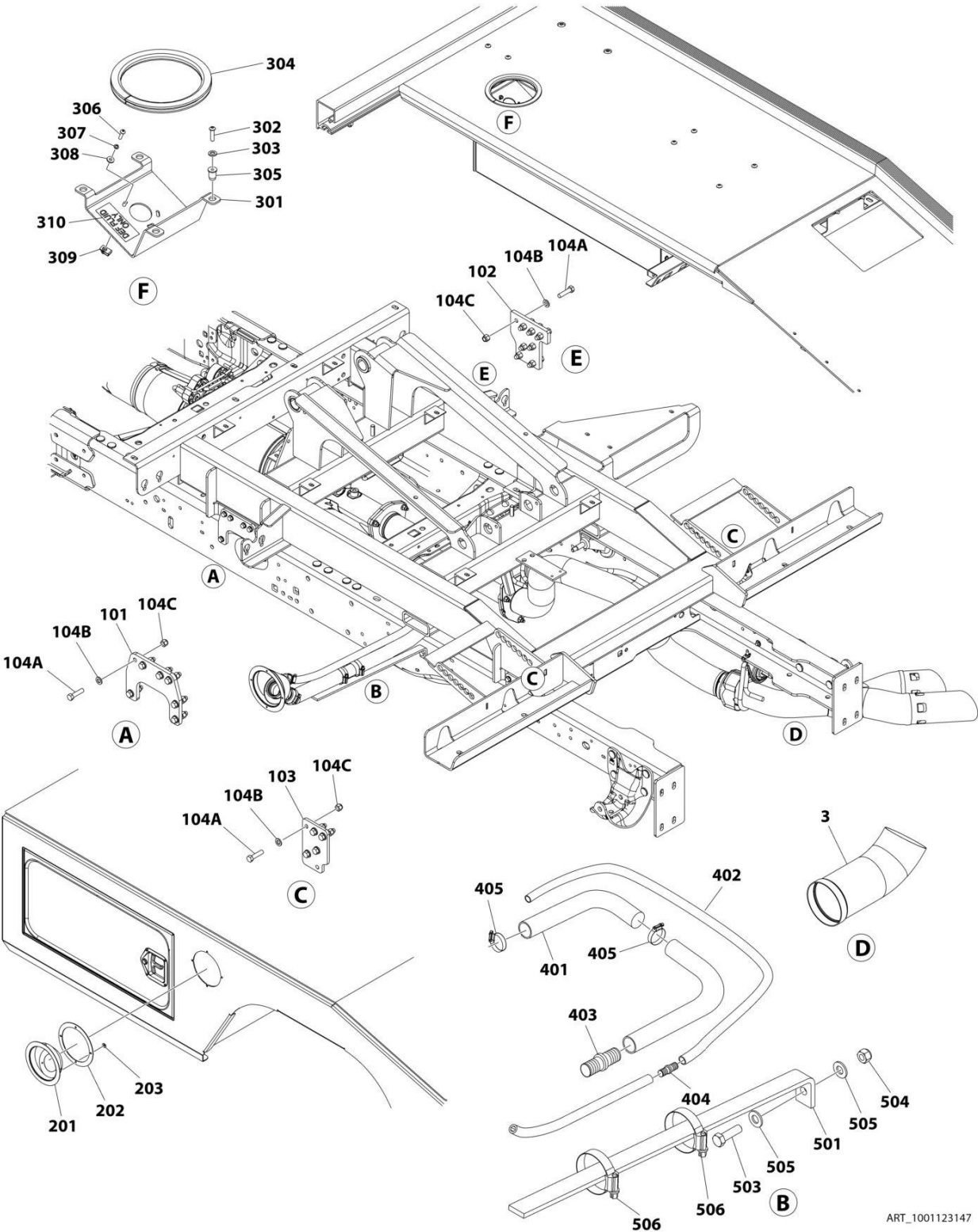
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FIGURE 1-10. CHASSIS MOUNTING KIT - FORD DIESEL - 2010 WITH 60IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	CMKFRD-MPL	Ref	CHASSIS MOUNTING KIT - FORD DIESEL - 2010 WITH 60IN CA	E
1	1001137356	Ref	Ford Subframe Installation (Not Shown) (See Items 101-104 for Breakdown)	
3	2178000062	Ref	Bracket Installation (Not Shown) (See Items 201-203 for Breakdown)	
4	2570000171	Ref	Fuel Filler Support (Not Shown) (See Items 301-306 for Breakdown)	
5	7701000075	1	Plug	
7	1001141340	Ref	Hose Installation (Not Shown) (See Items 401-403 for Breakdown)	
8	1001175876	1	Tube	
9	7115152650	1	Capscrew 5-16 x 3-1/4	
10	7950150161	1	Washer 5/16	
11	7660152601	1	Nut 5/16	
	1001137356	Ref	FORD SUBFRAME INSTALLATION	A
101	4706005896	1	Plate	
102	4706006415	1	Plate	
103	4706006442	2	Plate	
104	7577000693	1	Kit, Saddle Bolts (Not Shown)	
104A	7115181650	26	Bolt 1/2 x 2	
104B	7950180153	26	Washer 1/2	
104C	7660182601	26	Nut 1/2	
	2178000062	Ref	BRACKET INSTALLATION	0
201	7449000019	1	Flange	
202	7796000100	1	Gasket	
203	7950100151	4	Washer 3/16	
	2570000171	Ref	FUEL FILLER SUPPORT	A
301	4533000415	1	Gas Filler Bracket	
302	5526000553	8	Tie-Strap (Not Shown)	
303	7115161050	1	Bolt 3/8 x 1-1/4	
304	7660162601	1	Nut 3/8	
305	7950160141	2	Washer 3/8	
306	7274000005	2	Clamp	
	1001141340	Ref	HOSE INSTALLATION	A
401	1001141411	1	Hose Fuel Fill (Not Shown)	
401A	7570000037	1	Hose	
401B	7443000482	1	Fitting	
401C	7274000005	2	Clamp	
402	7443000482	1	Fitting	
403	7274000005	2	Clamp	

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FIGURE 1-11. CHASSIS MOUNTING KIT - FORD DIESEL 2011-2016 WITH 60IN CA



ART_1001123147

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FIGURE 1-11. CHASSIS MOUNTING KIT - FORD DIESEL 2011-2016 WITH 60IN CA

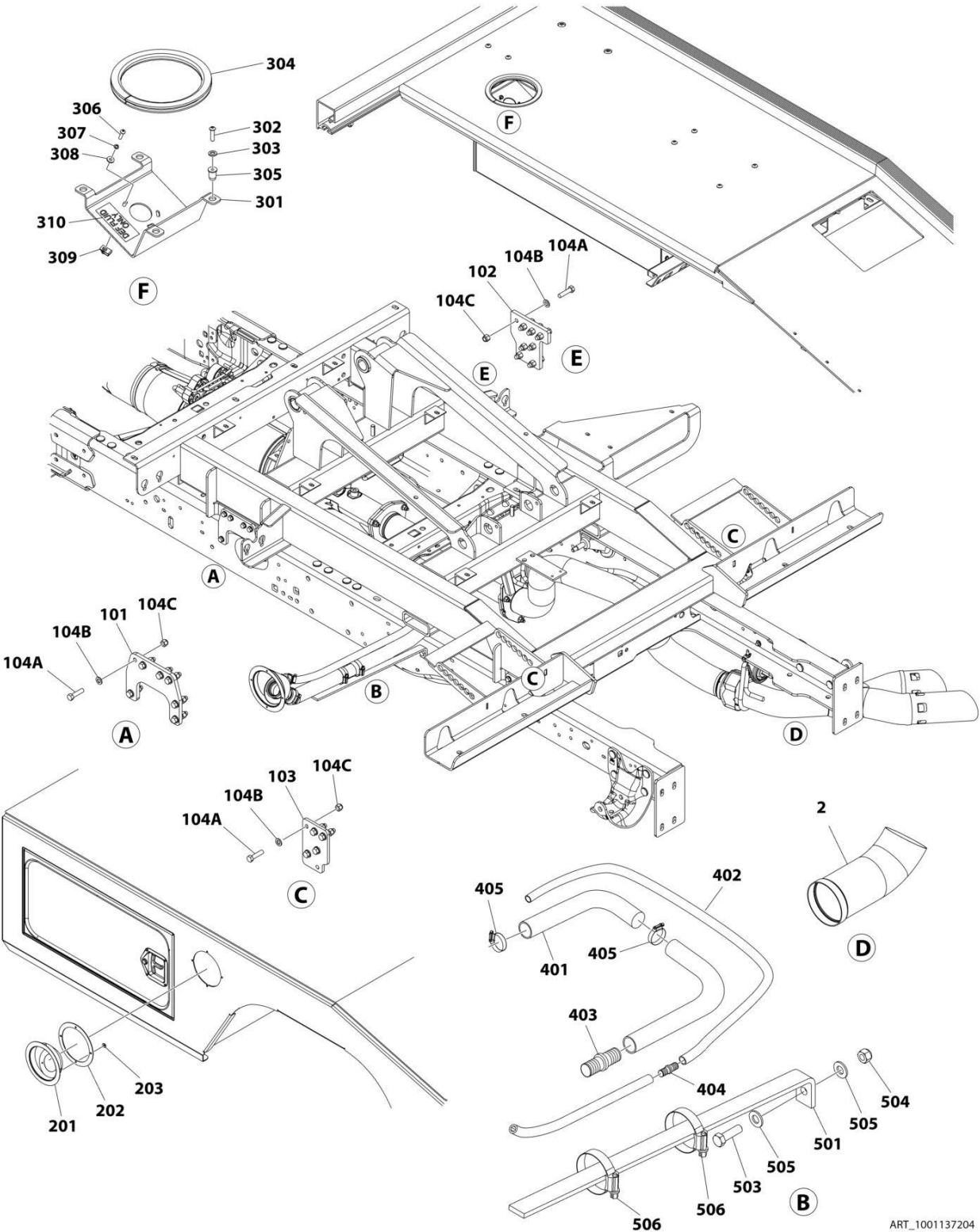
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001123147	Ref	CHASSIS MOUNTING KIT - FORD DIESEL 2011-2016 WITH 60IN CA	D
1	1001137356	Ref	Ford Subframe Installation (Not Shown) (See Items 101-104 for Breakdown)	
3	3509350118	1	Exhaust Alteration	
3	7696000069	1	Pipe	
5	2178000062	Ref	Bracket Installation (Not Shown) (See Items 201-203 for Breakdown)	
6	2509350151	Ref	Flange Installation (Not Shown) (See Items 301-310 for Breakdown)	
7	2570000173	Ref	Hose Installation (Not Shown) (See Items 401-405 for Breakdown)	
9	2570000171	Ref	Fuel Filler Support (Not Shown) (See Items 501-506 for Breakdown)	
	1001137356	Ref	FORD SUBFRAME INSTALLATION	A
101	4706005896	1	Plate	
102	4706006415	1	Plate	
103	4706006442	2	Plate	
104	7577000693	1	Kit, Saddle Bolts (Not Shown)	
104A	7115181650	26	Bolt 1/2 x 2	
104B	7950180153	26	Washer 1/2	
104C	7660182601	26	Nut 1/2	
	2178000062	Ref	BRACKET INSTALLATION	0
201	7449000019	1	Flange	
202	7796000100	1	Gasket	
203	7950100151	4	Washer 3/16	
	2509350151	Ref	FLANGE INSTALLATION	A
301	4811001399	1	Plate	
301	4178000920	1	Bracket	
302	7114140818	4	Bolt 1/4 x 1	
302	7114141018	4	Screw 1/4 x 1-1/4	
303	7950140003	4	Washer 1/4	
303	8632000002	1	Trim Lock	
304	7950140143	4	Washer 1/4	
305	7413000002	4	Nut 1/4	
305	7661000006	4	Nut 1/4	
306	7114100618	3	Screw #10 x 3/4	
307	7950100003	3	Washer 3/16	
308	7950100143	3	Washer 3/16	
309	7661000024	3	Nut #10	
310	7330000867	1	Decal	
	2570000173	Ref	HOSE INSTALLATION	0
401	7570000016	1	Hose	
402	7570000017	1	Hose	
403	7443000482	1	Fitting	
404	7443000483	1	Fitting	
405	7274000005	2	Clamp	
	2570000171	Ref	FUEL FILLER SUPPORT	A
501	4533000415	1	Gas Filler Bracket	
502	5526000553	8	Tie-Strap (Not Shown)	
503	7115161050	1	Bolt 3/8 x 1-1/4	
504	7660162601	1	Nut 3/8	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
505	7950160141	2	Washer 3/8	
506	7274000005	2	Clamp	

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FIGURE 1-12. CHASSIS MOUNTING KIT - FORD DIESEL 2011-2016 WITH 84IN CA



ART_1001137204

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FIGURE 1-12. CHASSIS MOUNTING KIT - FORD DIESEL 2011-2016 WITH 84IN CA

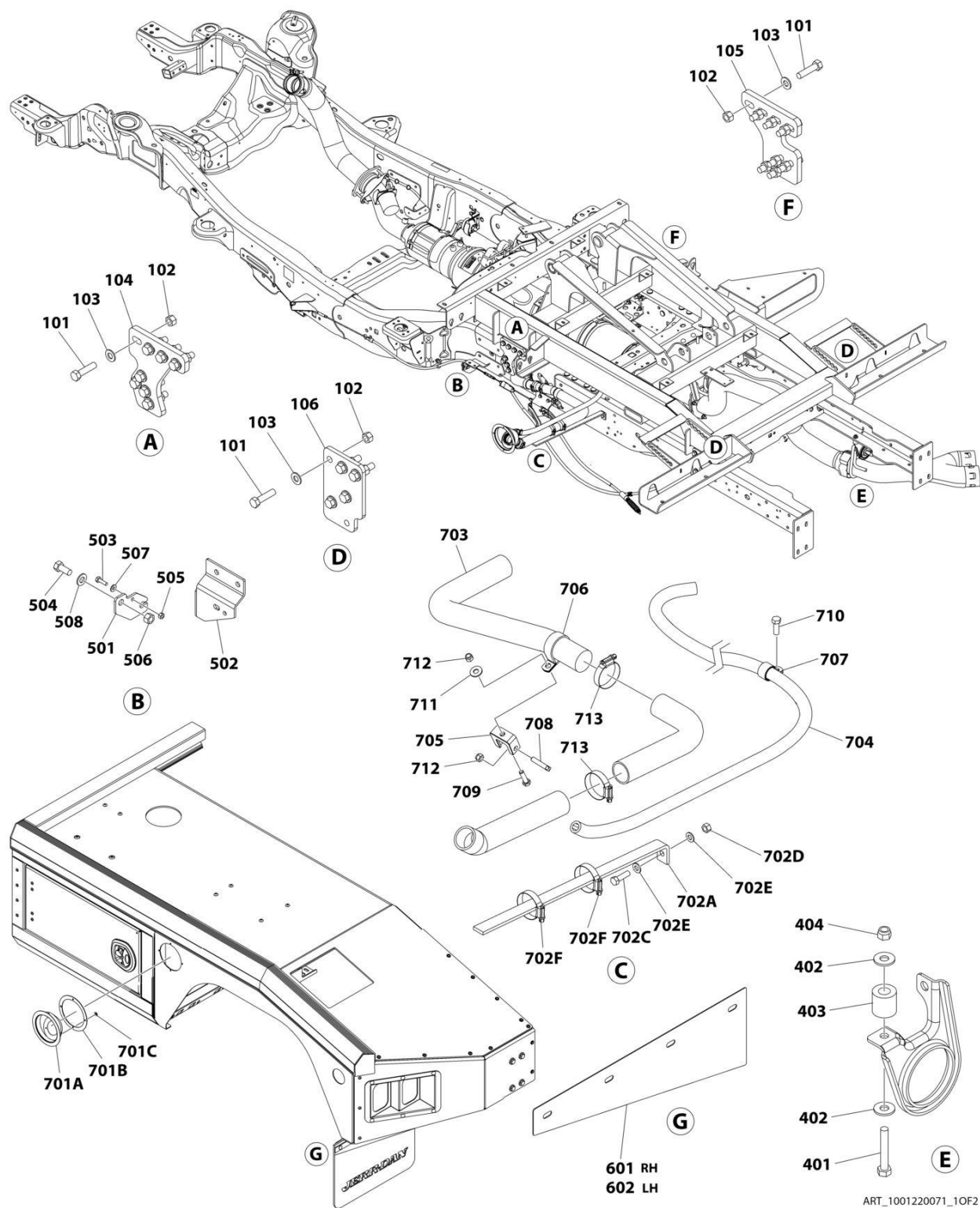
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137204	Ref	CHASSIS MOUNTING KIT - FORD DIESEL 2011-2016 WITH 84IN CA	B
1	1001137356	Ref	Ford Subframe Installation (Not Shown) (See Items 101-104 for Breakdown)	
2	3509350118	1	Exhaust Alteration	
2	7696000069	1	Pipe	
3	2178000062	Ref	Bracket Installation (Not Shown) (See Items 201-203 for Breakdown)	
4	2509350151	Ref	Flange Installation (Not Shown) (See Items 301-310 for Breakdown)	
5	2570000173	Ref	Hose Installation (Not Shown) (See Items 401-405 for Breakdown)	
6	2570000171	Ref	Fuel Filler Support (Not Shown) (See Items 501-506 for Breakdown)	
7	4570000378	1	Hose (Urea Fill) (Not Shown)	
	1001137356	Ref	FORD SUBFRAME INSTALLATION	A
101	4706005896	1	Plate	
102	4706006415	1	Plate	
103	4706006442	2	Plate	
104	7577000693	1	Kit, Saddle Bolts (Not Shown)	
104A	7115181650	26	Bolt 1/2 x 2	
104B	7950180153	26	Washer 1/2	
104C	7660182601	26	Nut 1/2	
	2178000062	Ref	BRACKET INSTALLATION	0
201	7449000019	1	Flange	
202	7796000100	1	Gasket	
203	7950100151	4	Washer 3/16	
	2509350151	Ref	FLANGE INSTALLATION	A
301	4811001399	1	Plate	
301	4178000920	1	Bracket	
302	7114140818	4	Bolt 1/4 x 1	
302	7114141018	4	Screw 1/4 x 1-1/4	
303	7950140003	4	Washer 1/4	
303	8632000002	1	Trim Lock	
304	7950140143	4	Washer 1/4	
305	7413000002	4	Nut 1/4	
305	7661000006	4	Nut 1/4	
306	7114100618	3	Screw #10 x 3/4	
307	7950100003	3	Washer 3/16	
308	7950100143	3	Washer 3/16	
309	7661000024	3	Nut #10	
310	7330000867	1	Decal	
	2570000173	Ref	HOSE INSTALLATION	0
401	7570000016	1	Hose	
402	7570000017	1	Hose	
403	7443000482	1	Fitting	
404	7443000483	1	Fitting	
405	7274000005	2	Clamp	
	2570000171	Ref	FUEL FILLER SUPPORT	A
501	4533000415	1	Gas Filler Bracket	
502	5526000553	8	Tie-Strap (Not Shown)	
503	7115161050	1	Bolt 3/8 x 1-1/4	

SECTION 1 - SUBFRAME

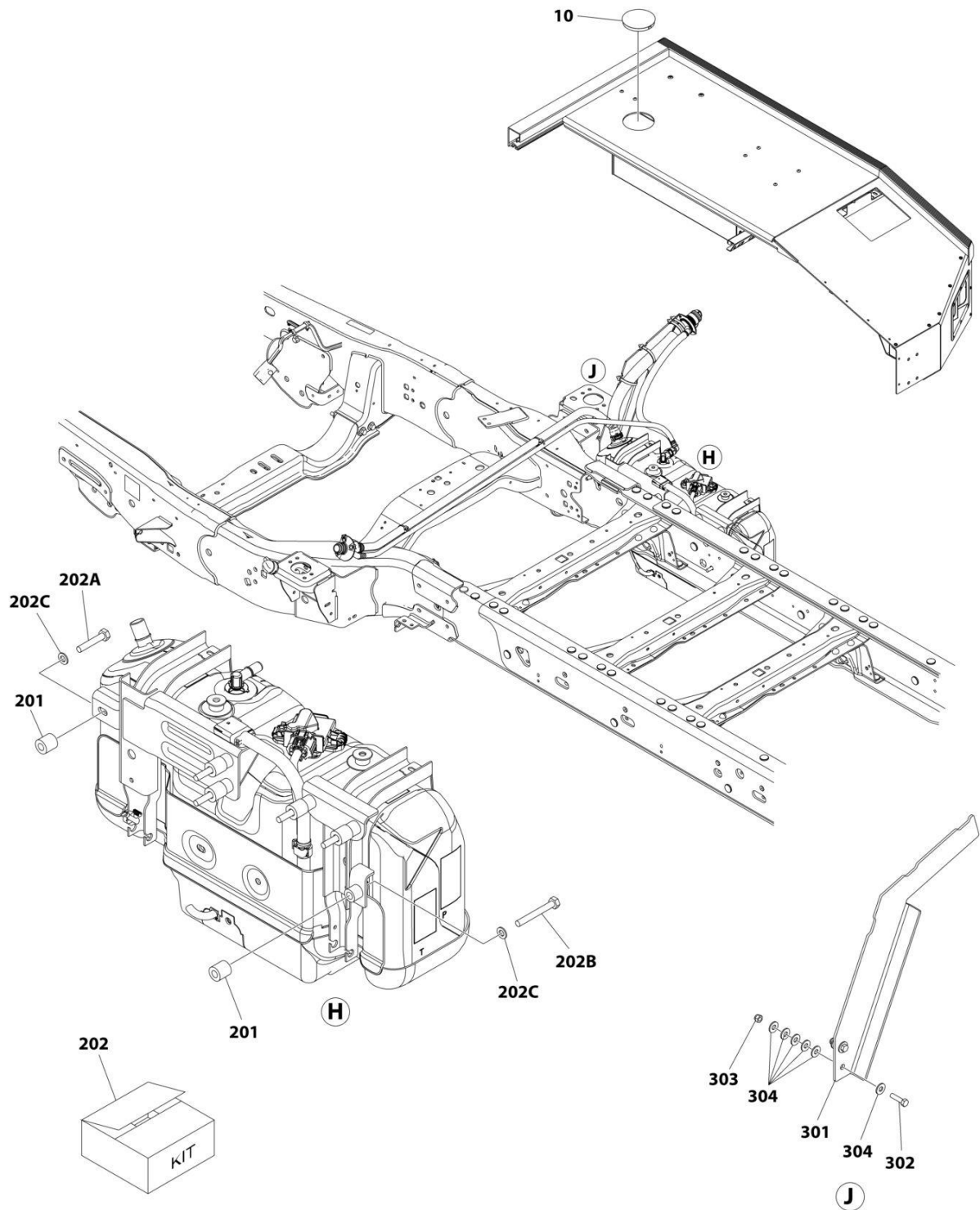
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
504	7660162601	1	Nut 3/8	
505	7950160141	2	Washer 3/8	
506	7274000005	2	Clamp	

SECTION 1 - SUBFRAME

FIGURE 1-13. CHASSIS MOUNTING KIT - FORD DIESEL 2017+ WITH 60IN CA



SECTION 1 - SUBFRAME



ART_1001220071_2OF2

SECTION 1 - SUBFRAME

FIGURE 1-13. CHASSIS MOUNTING KIT - FORD DIESEL 2017+ WITH 60IN CA

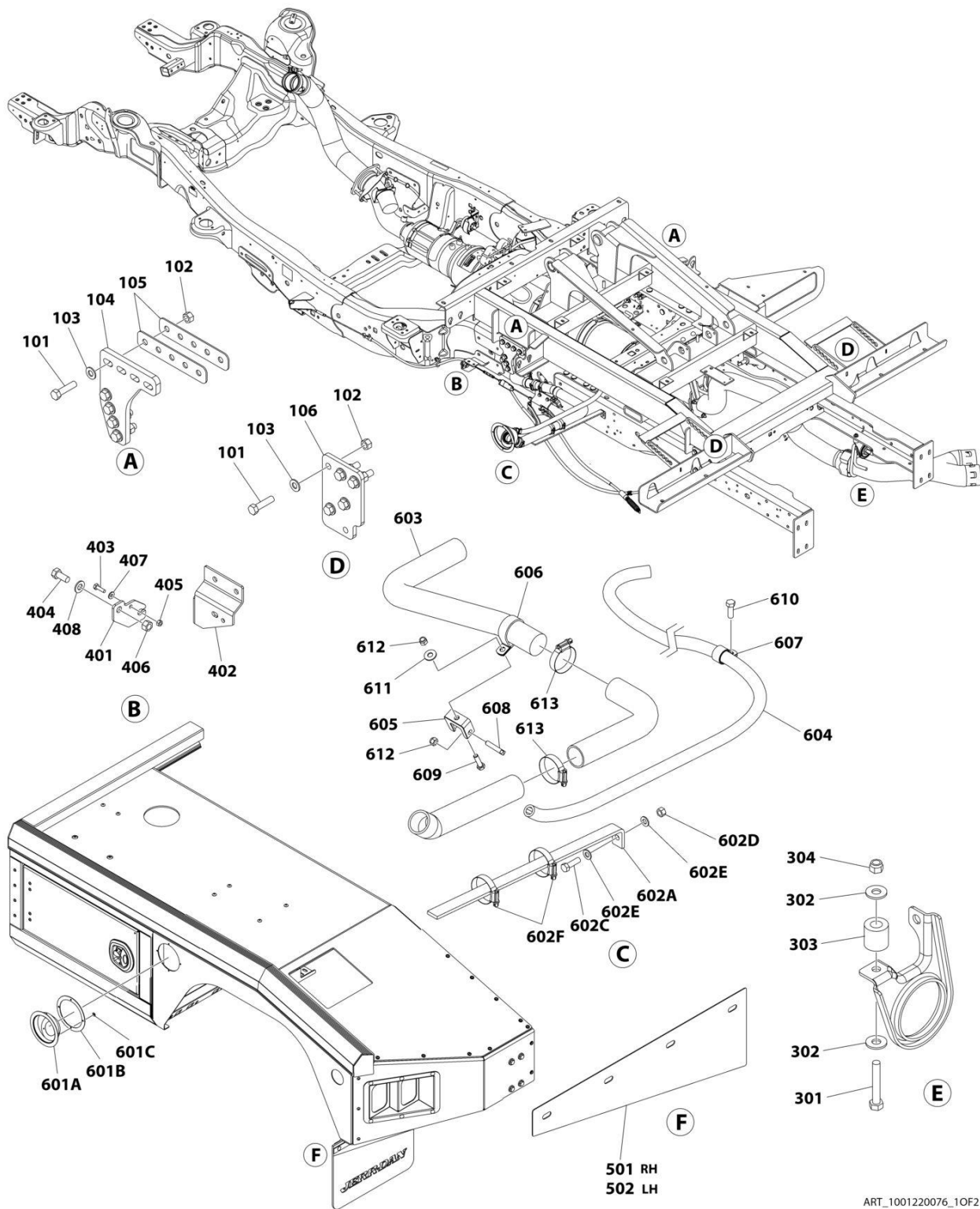
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220071	Ref	CHASSIS MOUNTING KIT - FORD DIESEL 2017+ WITH 60IN CA	B
1	1001220072	Ref	Subframe Installation (Not Shown) (See Items 101-106 for Breakdown)	
2	1001220832	Ref	Rework DEF Tank Installation (Not Shown) (See Items 201-202 for Breakdown)	
3	1001220909	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)	A
10	7701000075	1	Plug	
	1001220072	Ref	SUBFRAME INSTALLATION	
101	0681816	26	Bolt 1/2 x 2	
102	3271805	26	Nut 1/2	
103	4711800	26	Washer 1/2	
104	1001220073	1	Plate, Saddle	
105	1001220074	1	Plate, Saddle	
106	4706006442	2	Plate, Rear Saddle	
	1001220832	Ref	REWORK DEF TANK INSTALLATION	
201	1001220833	6	Shim	A
202	1001221065	1	Tank Hardware Kit (Not Shown)	
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)	
	1001221001	Ref	EXHAUST REWORK INSTALLATION	C
401	0641516	1	Bolt 5/16 x 2	
402	4751500	1	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	
508	4711800	1	Washer 1/2	
	1001221651	Ref	ANTI-SAIL BRACKETS INSTALLATION	
601	1001221652	1	Bracket, Anti-Sail RH	A

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
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)	

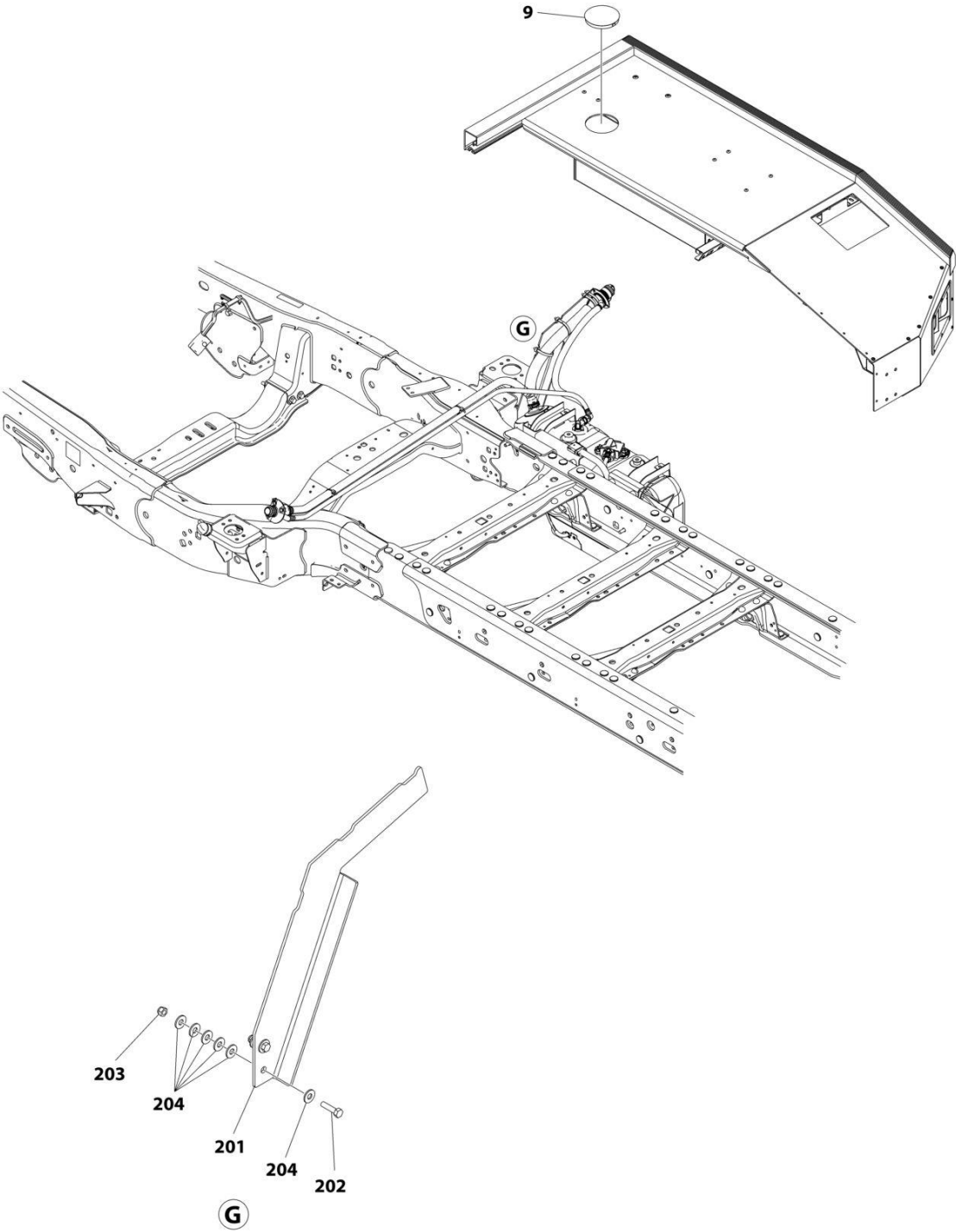
SECTION 1 - SUBFRAME

FIGURE 1-14. CHASSIS MOUNTING KIT - FORD DIESEL 2017+ WITH 84IN CA



ART_1001220076_1OF2

SECTION 1 - SUBFRAME



ART_1001220076_2OF2

SECTION 1 - SUBFRAME

FIGURE 1-14. CHASSIS MOUNTING KIT - FORD DIESEL 2017+ WITH 84IN CA

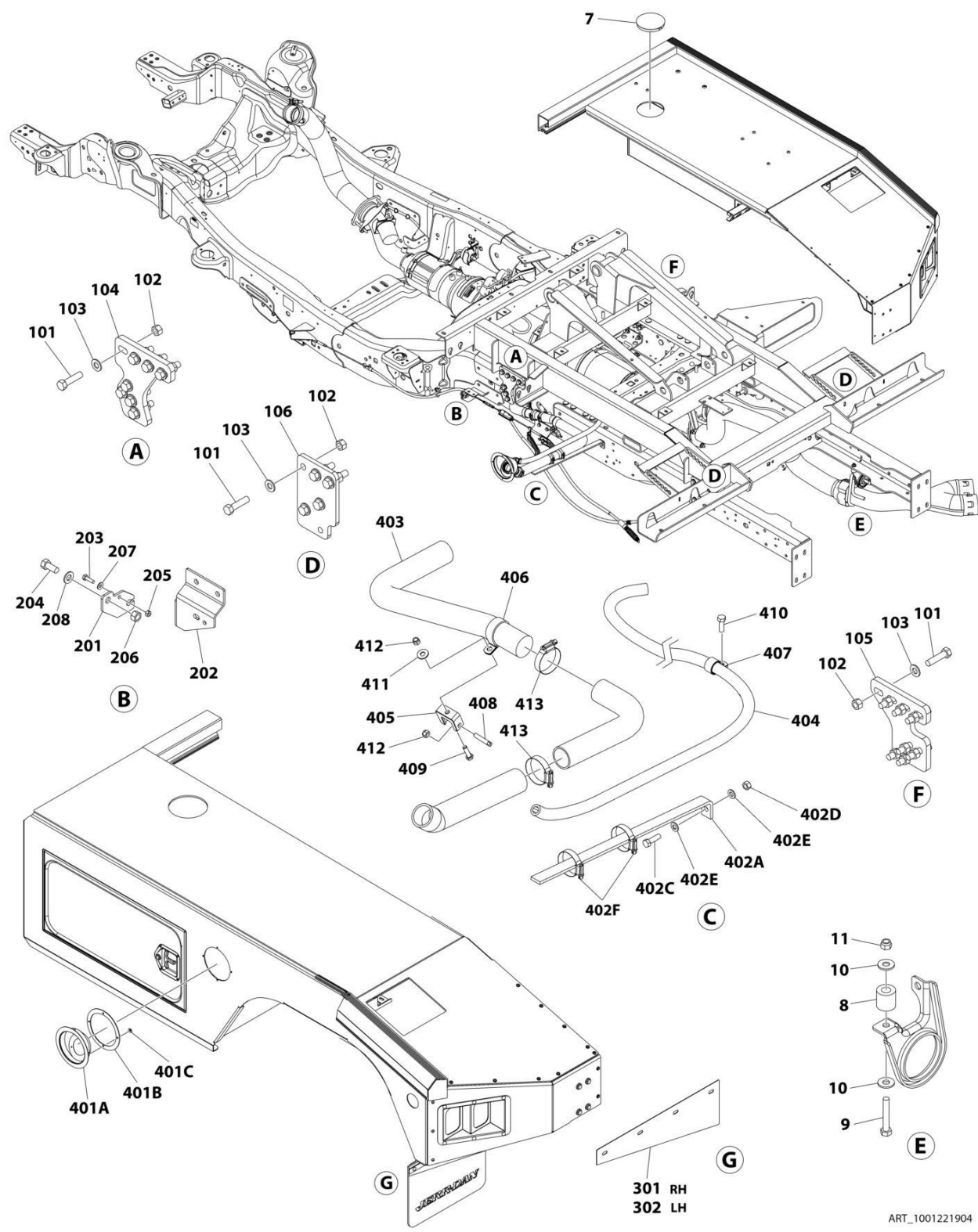
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220076	Ref	CHASSIS MOUNTING KIT - FORD DIESEL 2017+ WITH 84IN CA	B
1	1001220077	Ref	Subframe Installation (Not Shown) (See Items 101-106 for Breakdown)	
2	1001220909	Ref	Tank Filler Installation (Not Shown) (See Items 201-205 for Breakdown)	
3	1001221001	Ref	Exhaust Rework Installation (Not Shown) (See Items 301-304 for Breakdown)	
4	1001221348	Ref	Brake Cable Installation (Not Shown) (See Items 401-409 for Breakdown)	
5	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)	
9	7701000075	1	Plug	
	1001220077	Ref	SUBFRAME INSTALLATION	A
101	0681816	26	Bolt 1/2 x 2	
102	3271805	26	Nut 1/2	
103	4711800	26	Washer 1/2	
104	1001220078	2	Plate, Saddle	
105	4811001194	4	Plate	
106	4706006442	2	Plate, Rear Saddle	
	1001220909	Ref	TANK FILLER INSTALLATION	B
201	1001221232	1	Bracket	
202	0641510	2	Bolt 5/16 x 1-1/4	
203	7660152601	2	Nut 5/16	
204	4751500	12	Washer 5/16	
205	5526000553	4	Tie-Strap (Not Shown)	
	1001221001	Ref	EXHAUST REWORK INSTALLATION	C
301	0641516	1	Bolt 5/16 x 2	
302	4751500	1	Washer 5/16	
303	1001220833	1	Shim	
304	7660152601	1	Nut 1/3	
	1001221348	Ref	BRAKE CABLE INSTALLATION	A
401	1001221075	1	Plate	
402	1001221138	1	Bracket	
403	0641407	1	Bolt 1/4 x 7/8	
404	0641809	1	Bolt 1/2 x 1-1/8	
405	3311401	1	Nut 1/4	
406	3311801	1	Nut 1/2	
407	4711400	1	Washer 1/4	
408	4711800	1	Washer 1/2	
409	5526000553	1	Tie-Strap (Not Shown)	
	1001221651	Ref	ANTI-SAIL BRACKETS INSTALLATION	A
501	1001221652	1	Bracket, Anti-Sail RH	
502	1001221653	1	Bracket, Anti-Sail LH	
	1001224068	Ref	FUEL FILLER INSTALLATION	B
601	2178000062	1	Bracket Installation (Not Shown)	
601A	7449000019	1	Flange	
601B	7796000100	1	Gasket	
601C	7950100151	4	Washer 3/16	
602	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)	

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FIGURE 1-15. CHASSIS MOUNTING KIT - FORD GAS 2017+ WITH 60IN CA



SECTION 1 - SUBFRAME

FIGURE 1-15. CHASSIS MOUNTING KIT - FORD GAS 2017+ WITH 60IN CA

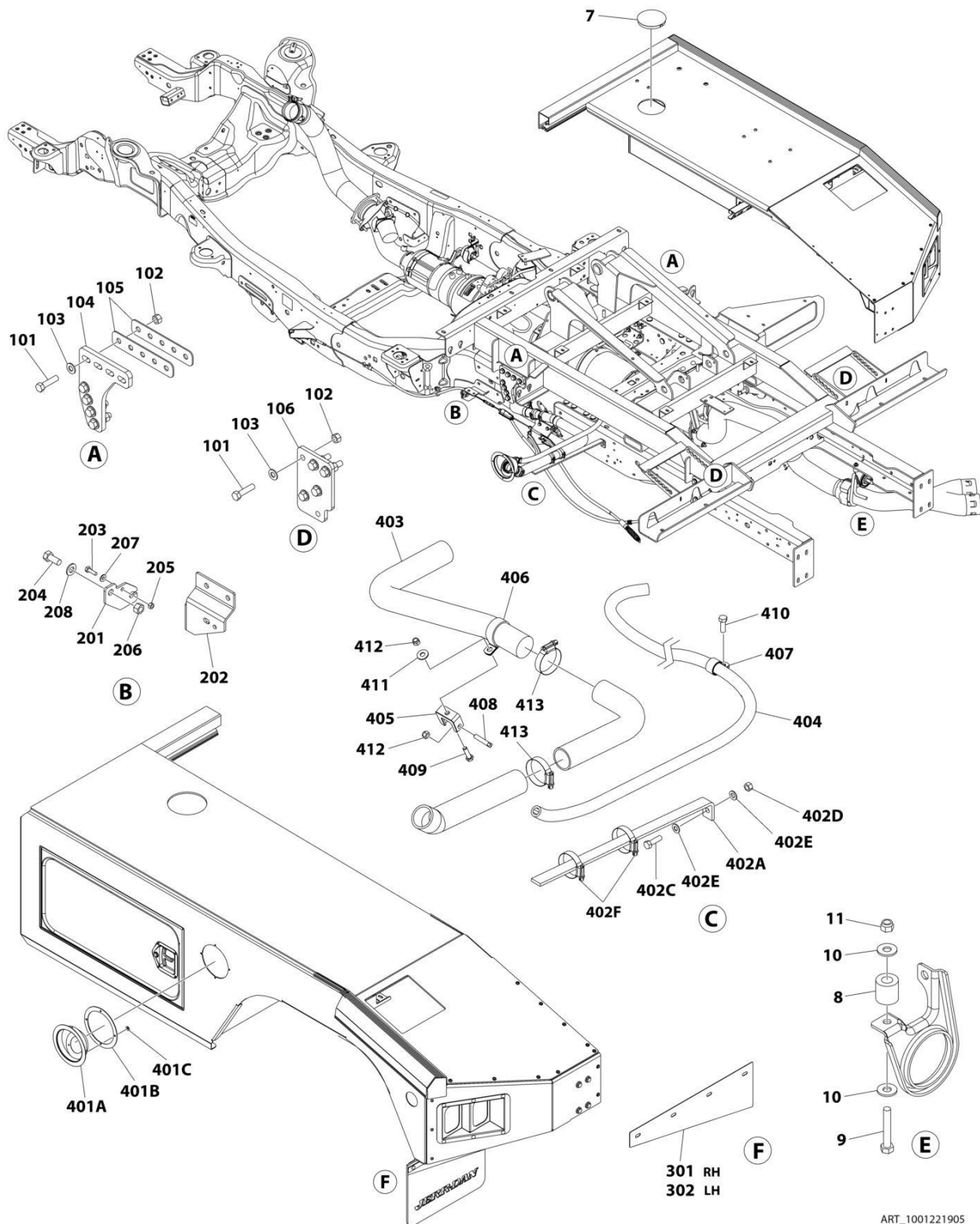
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001221904	Ref	CHASSIS MOUNTING KIT - FORD GAS 2017+ WITH 60IN CA	B
	1001220072	Ref	Subframe Installation (Not Shown) (See Items 101-106 for Breakdown)	
2	1001221345	Ref	Brake Cable Installation (Not Shown) (See Items 201-208 for Breakdown)	A
3	1001221651	Ref	Anti-Sail Brackets Installation (Not Shown) (See Items 301-302 for Breakdown)	
4	1001224068	Ref	Fuel Filler Installation (Not Shown) (See Items 401-414 for Breakdown)	
7	7701000075	1	Plug	
8	1001220833	1	Shim	
9	0641516	1	Bolt 5/16 x 2	
10	4751500	2	Washer 5/16	
11	7660152601	1	Nut 5/16	
	1001220072	Ref	SUBFRAME INSTALLATION	
101	0681816	26	Bolt 1/2 x 2	
102	3271805	26	Nut 1/2	
103	4711800	26	Washer 1/2	A
104	1001220073	1	Plate	
105	1001220074	1	Plate	
106	4706006442	2	Plate	
	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	A
207	4711400	1	Washer 1/4	
208	4711800	1	Washer 1/2	
	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	
407	7274000105	1	Clamp	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
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 1-16. CHASSIS MOUNTING KIT - FORD GAS 2017+ WITH 84IN CA



SECTION 1 - SUBFRAME

FIGURE 1-16. CHASSIS MOUNTING KIT - FORD GAS 2017+ WITH 84IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221905	Ref	CHASSIS MOUNTING KIT - FORD GAS 2017+ WITH 84IN CA	B
1	1001220077	Ref	Subframe Installation (Not Shown)(See Items 101-106 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)	
7	7701000075	1	Plug	
8	1001220833	1	Shim	
9	0641516	1	Bolt 5/16 x 2	
10	4751500	2	Washer 5/16	
11	7660152601	1	Nut 5/16	
	1001220077	Ref	SUBFRAME INSTALLATION	A
101	0681816	26	Bolt 1/2 x 2	
102	3271805	26	Nut 1/2	
103	4711800	26	Washer 1/2	
104	1001220078	2	Plate, Saddle	
105	4811001194	4	Plate	
106	4706006442	2	Plate, Rear Saddle	
	1001221348	Ref	BRAKE CABLE INSTALLATION	A
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	
209	5526000553	1	Tie-Strap (Not Shown)	
	1001221651	Ref	ANTI-SAIL BRACKETS INSTALLATION	A
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	

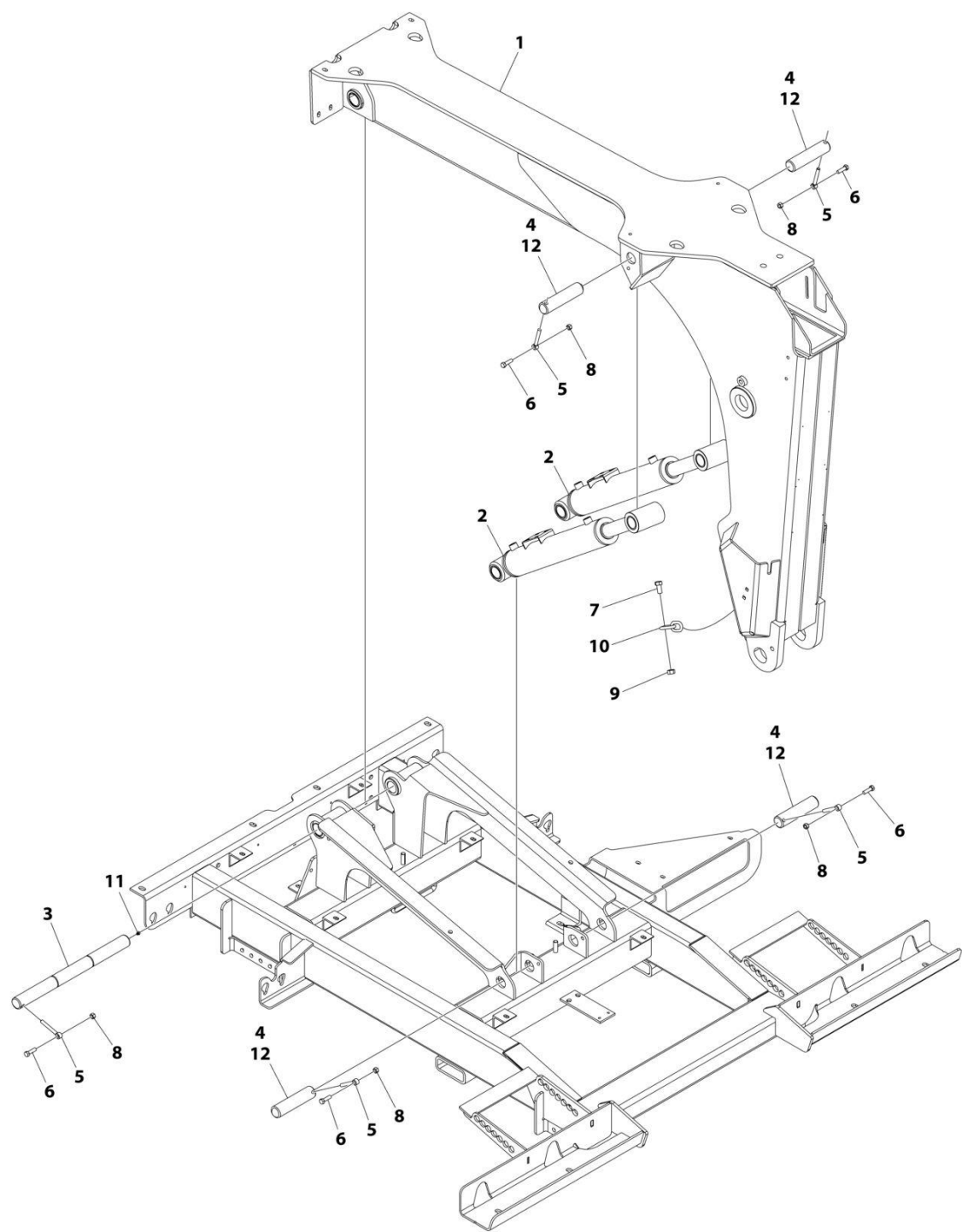
SECTION 1 - SUBFRAME

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 2 - BOOM

SECTION 2 - BOOM

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



ART_1001196323

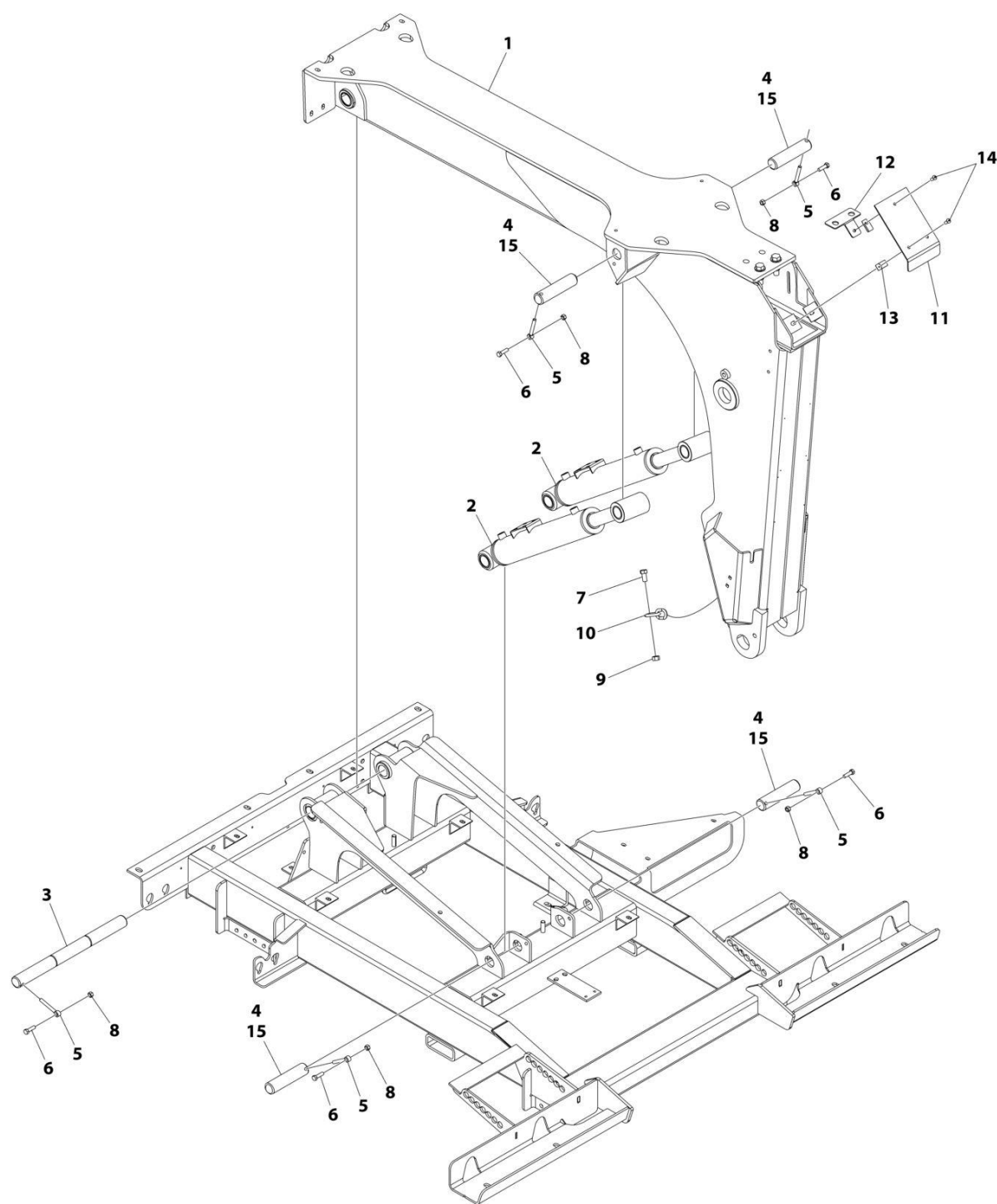
SECTION 2 - BOOM

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196322	Ref	MAIN BOOM INSTALLATION (WITH FLY BOOM)	A
1	1001196264	1	Boom, Knee	
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	3271605	5	Nut 3/8 Grade 8	
9	3271805	2	Nut 1/2	
10	7262000040	2	Chain	
11	1001204776	1	Plug	
12	3020039	AR	Lubricant	

SECTION 2 - BOOM

FIGURE 2-2. MAIN BOOM INSTALLATION (WITHOUT FLY BOOM)



ART_1001196323

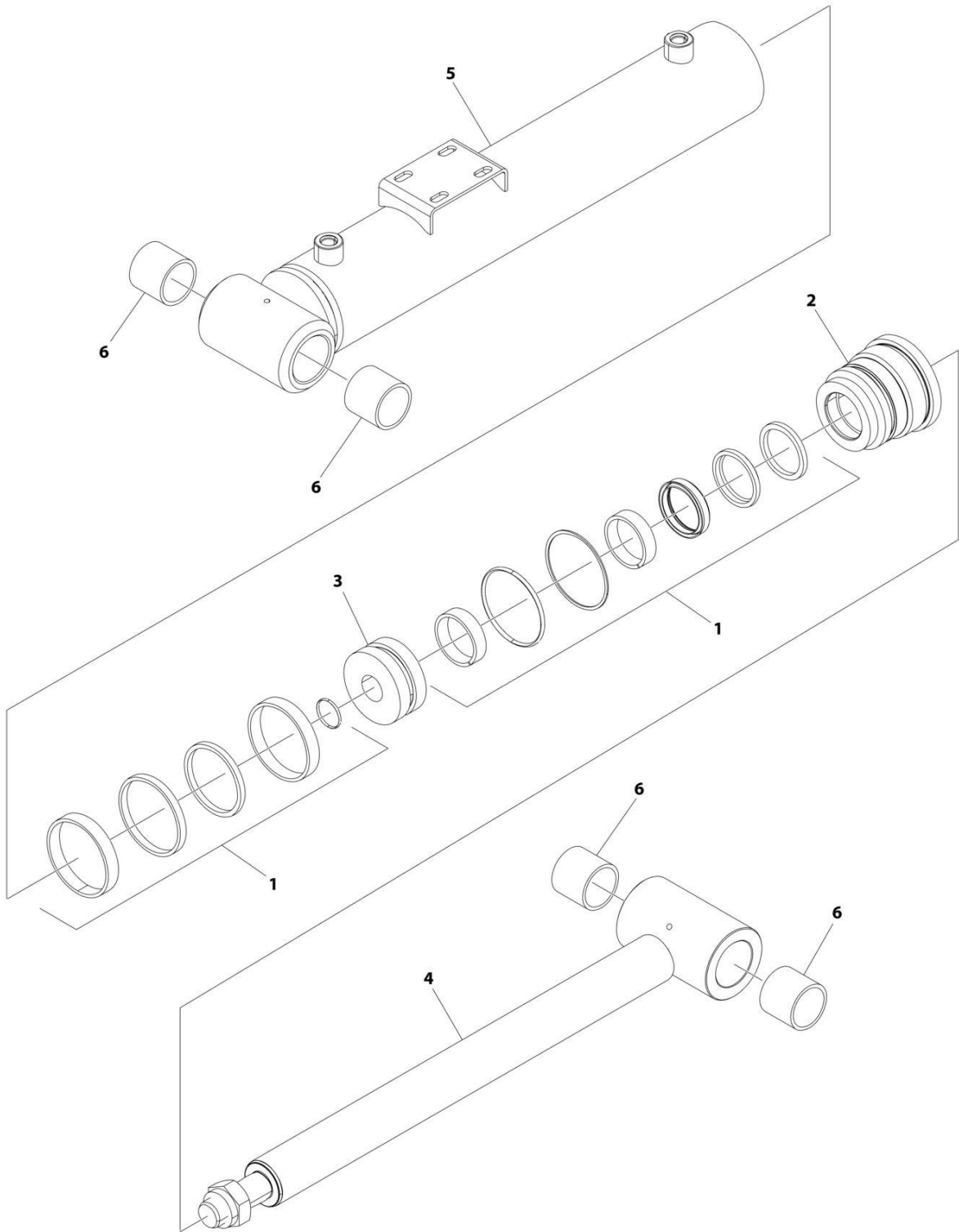
SECTION 2 - BOOM

FIGURE 2-2. MAIN BOOM INSTALLATION (WITHOUT FLY BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196323	Ref	MAIN BOOM INSTALLATION (WITHOUT FLY BOOM)	A
1	1001208926	1	Boom, Knee	
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	3271605	5	Nut 3/8 Grade 8	
9	3271805	2	Nut 1/2	
10	7262000020	2	Chain	
11	4706005131	1	Plate	
12	4178000626	1	Bracket	
13	7661000029	3	Nut Clip	
14	7114150618	3	Capscrew 5/16 x 3/4	
15	3020039	AR	Lubricant	

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FIGURE 2-3. CYLINDER ASSEMBLY – LIFT (KNEE BOOM)



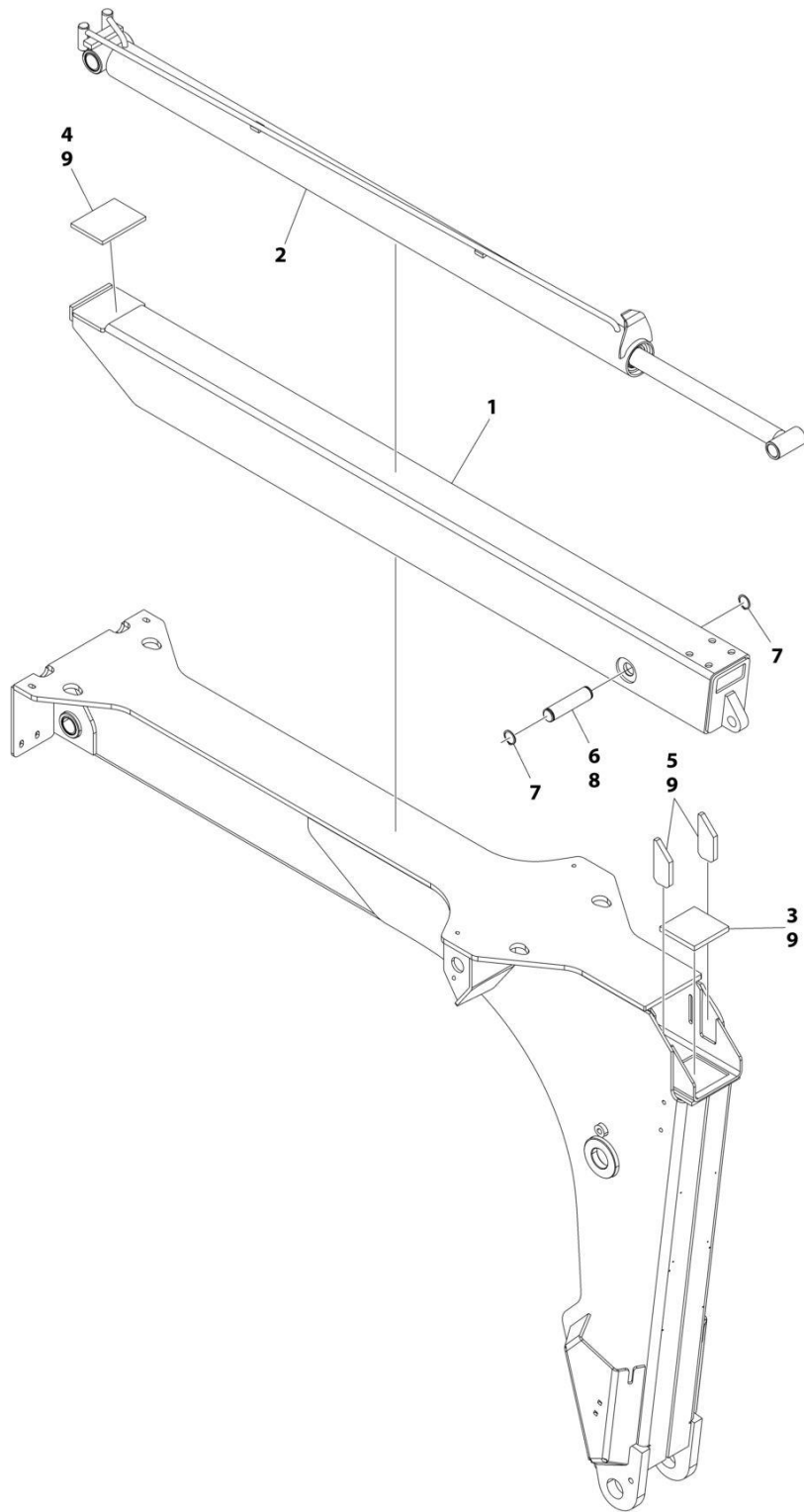
ART_1001194362

FIGURE 2-3. 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)	

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FIGURE 2-4. FLY BOOM INSTALLATION



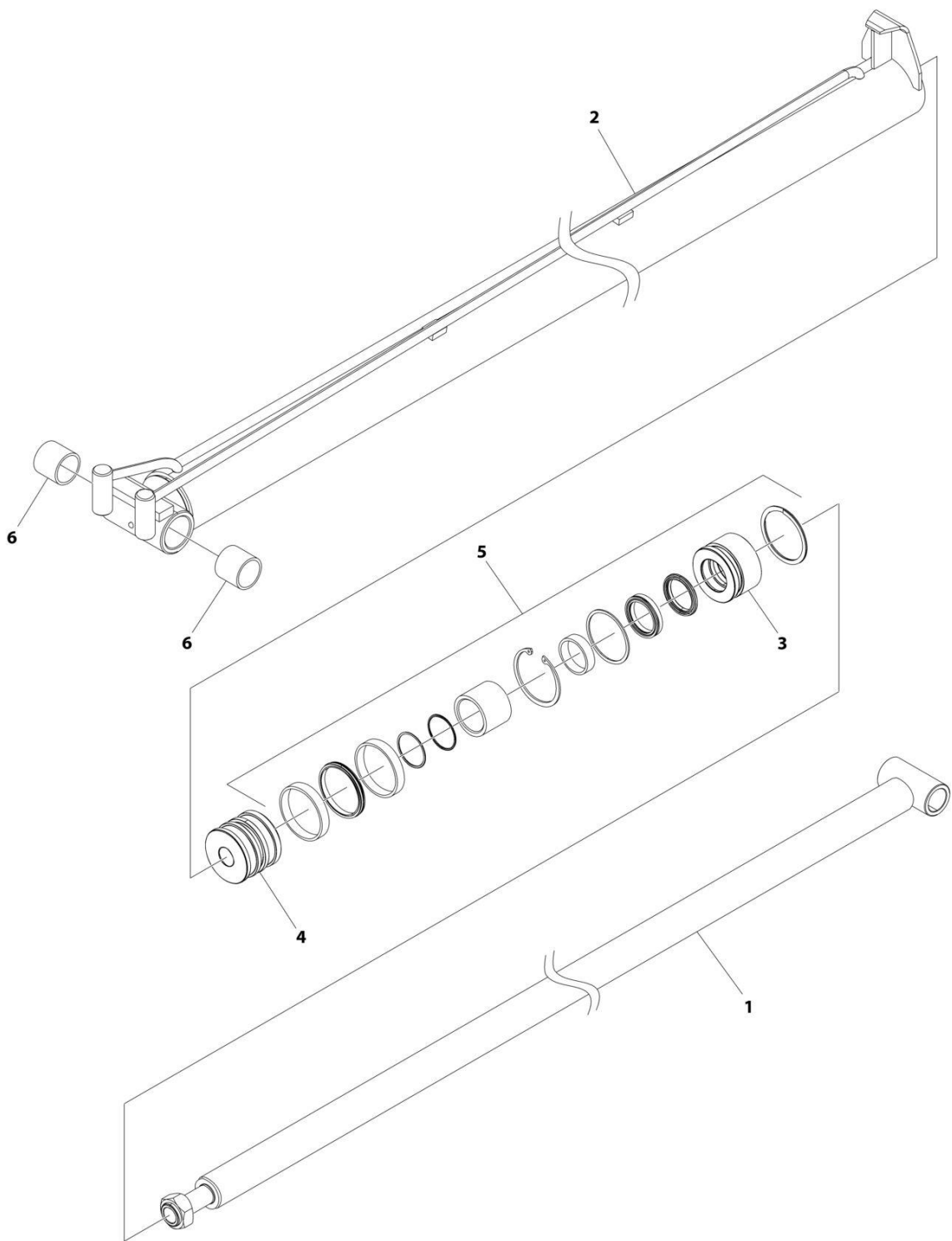
ART_1001196383

FIGURE 2-4. FLY BOOM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196383	Ref	FLY BOOM INSTALLATION	B
1	3170000345	1	Boom, Fly	
2	1001194370	1	Cylinder Assembly - Extend/Retract (See Separate Breakdown in this Section)	
3	4679000278	1	Pad	
4	4679000237	1	Pad	
5	4679000238	2	Pad	
6	4691000027	1	Pin	
7	7754000006	2	Ring, Retaining	
8	3020039	AR	Adhesive	
9	1001152707	AR	Lubricant	

SECTION 2 - BOOM

FIGURE 2-5. CYLINDER ASSEMBLY - EXEND/RETRACT (KNEE BOOM FLY)



ART_1001194370

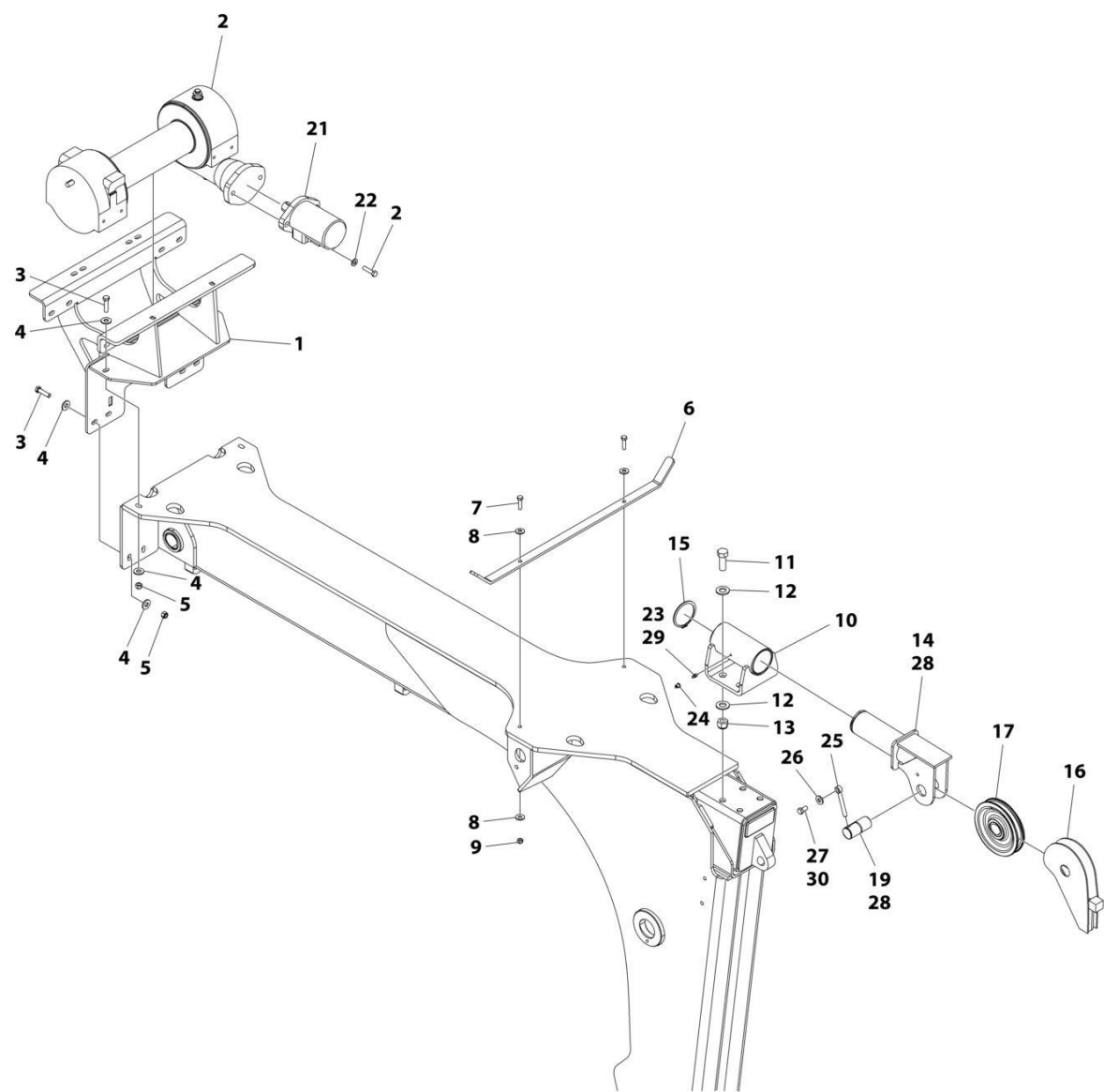
SECTION 2 - BOOM

FIGURE 2-5. CYLINDER ASSEMBLY - EXEND/RETRACT (KNEE BOOM FLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194370	Ref	CYLINDER ASSEMBLY - EXEND/RETRACT (KNEE BOOM FLY)	A
1	70051615	1	Rod	
2	70051617	1	Barrel	
3	70051618	1	Head	
4	70051619	1	Piston	
5	70051620	1	Seal Kit - Cylinder	
6	0962272	2	Bushing (Barrel End) (Note: No Bushings used in Rod End)	

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FIGURE 2-6. WINCH INSTALLATION - SINGLE (WITHOUT FLY BOOM)



ART_1001145641

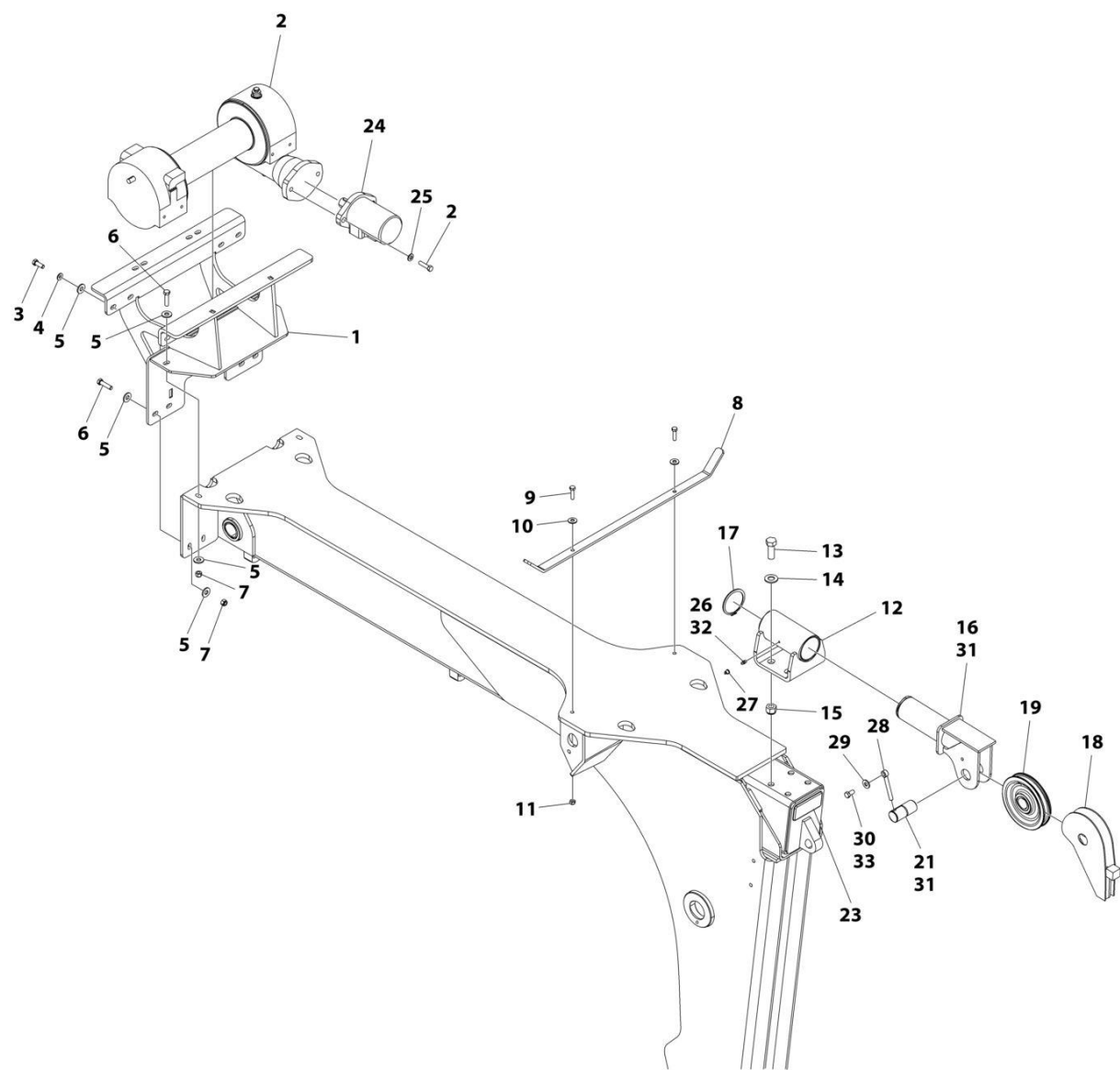
SECTION 2 - BOOM

FIGURE 2-6. WINCH INSTALLATION - SINGLE (WITHOUT FLY BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145641	Ref	WINCH INSTALLATION - SINGLE (WITHOUT FLY BOOM)	B
1	3178000552	1	Bracket	
2	7970000150	1	Winch Assembly, 8000 lbs (See Separate Breakdown in this Section)	
3	0641612	6	Bolt 3/8 x 1-1/2	
4	4891600	12	Washer 3/8	
5	7660162601	6	Nut 3/8	
6	4062000541	1	Bar	
7	0641510	2	Bolt 5/16 x 1-1/4	
8	4751500	4	Washer 5/16	
9	7660152601	2	Nut 5/16	
10	1001206157	1	Support, Boom Nose MPL Single	
11	0642018	4	Bolt 5/8 x 2-1/4	
12	4712000	8	Washer 5/8	
13	7660202601	4	Nut 5/8	
14	1001206161	1	Support, SD Wrecker Sheave	
15	7754000005	1	Ring	
16	1001206167	1	Support, SD Wrecker Cable Guide	
17	7809000001	1	Wire Rope	
19	1001206171	1	Pin	
21	7626000014	1	Orbit Motor (See Separate Breakdown in this Section)	
22	7950180400	2	Washer 1/2	
23	88671008	2	Fitting, Grease	
24	7253000002	2	Cap, Grease	
25	3841143	1	Keeper	
26	4711600	1	Washer 3/8	
27	0651606	1	Bolt 3/8 x 3/4	
28	3020039	AR	Lubricant	
29	3020029	AR	Lubricant	
30	1001095650	AR	Adhesive	

SECTION 2 - BOOM

FIGURE 2-7. WINCH INSTALLATION - SINGLE (WITH FLY BOOM)



ART_2509900135

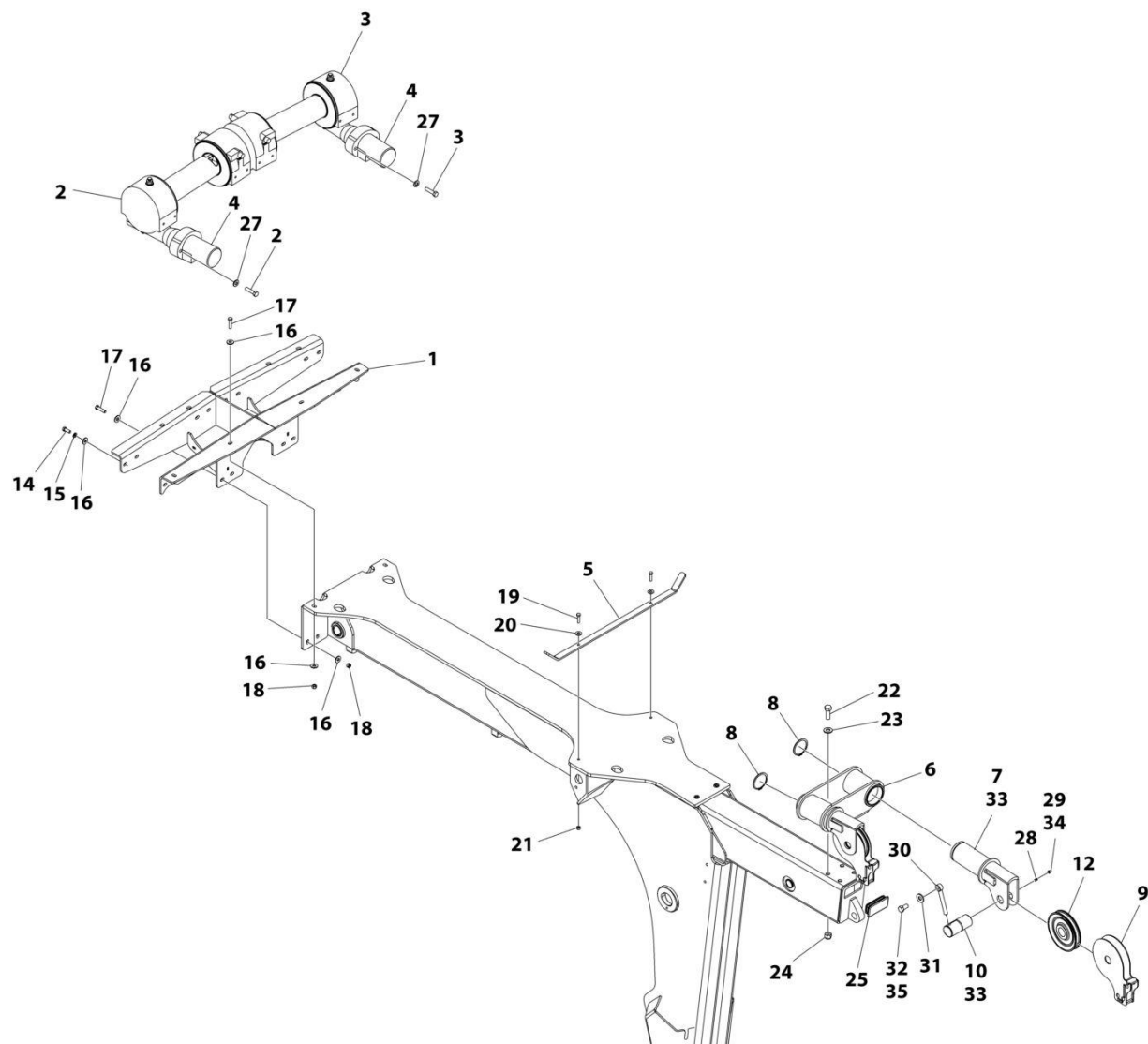
SECTION 2 - BOOM

FIGURE 2-7. WINCH INSTALLATION - SINGLE (WITH FLY BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2509900135	Ref	WINCH INSTALLATION - SINGLE (WITH FLY BOOM)	E
1	3178000552	1	Bracket	
2	7970000150	1	Winch Assembly, 8000 lbs (See Separate Breakdown in this Section)	
3	0641608	8	Bolt 3/8 x 1	
4	4761600	8	Washer 3/8	
5	4891600	20	Washer 3/8	
6	0641612	6	Bolt 3/8 x 1-1/2	
7	7660162601	6	Nut 3/8	
8	4062000541	1	Bar	
9	0641510	2	Bolt 5/16 x 1-1/4	
10	4751500	2	Washer 5/16	
11	7660152601	2	Nut 5/16	
12	1001206157	1	Support, Boom Nose MPL Single	
13	0642014	4	Bolt 5/8 x 1-3/4	
14	4712000	4	Washer 5/8	
15	7660202601	4	Nut 5/8	
16	1001206161	1	Support, SD Wrecker Sheave	
17	7754000005	1	Ring External Retaining	
18	1001206167	1	Support, SD Wrecker Cable Guide	
19	7809000001	1	Wire Rope	
21	1001206171	1	Pin	
23	7701000051	1	Plug	
24	7626000014	1	Orbit Motor (See Separate Breakdown in this Section)	
25	7950180400	2	Washer 1/2	
26	88671008	2	Fitting, Grease	
27	7253000002	2	Cap, Grease	
28	3841143	1	Keeper, Shaft	
29	4711600	1	Washer 3/8	
30	0651606	1	Bolt 3/8 x 3/4	
31	3020039	AR	Lubricant	
32	3020029	AR	Lubricant	
33	1001095650	AR	Adhesive	

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FIGURE 2-8. WINCH INSTALLATION - DUAL (WITH FLY BOOM)



ART_2509900044

FIGURE 2-8. WINCH INSTALLATION - DUAL (WITH FLY BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2509900044	Ref	WINCH INSTALLATION - DUAL (WITH FLY BOOM)	E
1	3178000419	1	Bracket	
2	7970000103	1	Winch (LH) (See Separate Breakdown in this Section)	
3	7970000104	1	Winch (RH) (See Separate Breakdown in this Section)	
4	7626000014	2	Orbit Motor (See Separate Breakdown in this Section)	
5	4062000541	1	Bar	
6	1001206159	1	Support	
7	1001206161	2	Support	
8	7754000005	2	Ring, Retaining	
9	1001206167	2	Support	
10	1001206171	2	Pin	
12	7809000001	2	Sheave	
14	0641608	16	Bolt 3/8 x 1	
15	4761600	16	Washer 3/8	
16	4891600	28	Washer 3/8	
17	0641612	6	Bolt 3/8 x 1-1/2	
18	7660162601	6	Nut 3/8	
19	0641510	2	Bolt 5/16 x 1-1/4	
20	4751500	2	Washer 5/16	
21	7660152601	2	Nut 5/16	
22	0642014	4	Bolt 5/8 x 1-3/4	
23	4712000	4	Washer 5/8	
24	7660202601	4	Nut 5/8	
25	7701000051	1	Plug	
26	8632000002	4	Trim-Lock (Not Shown)	
27	7950180400	4	Washer 1/2	
28	88671008	4	Fitting	
29	7253000002	2	Fitting	
30	3841143	2	Keeper	
31	4711600	2	Washer	
32	0651606	2	Bolt 3/8 x 3/4	
33	3020039	AR	Lubricant	
34	3020029	AR	Lube	
35	1001095650	AR	Adhesive	

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FIGURE 2-9. WINCH ASSEMBLY (WITH SINGLE WINCH)

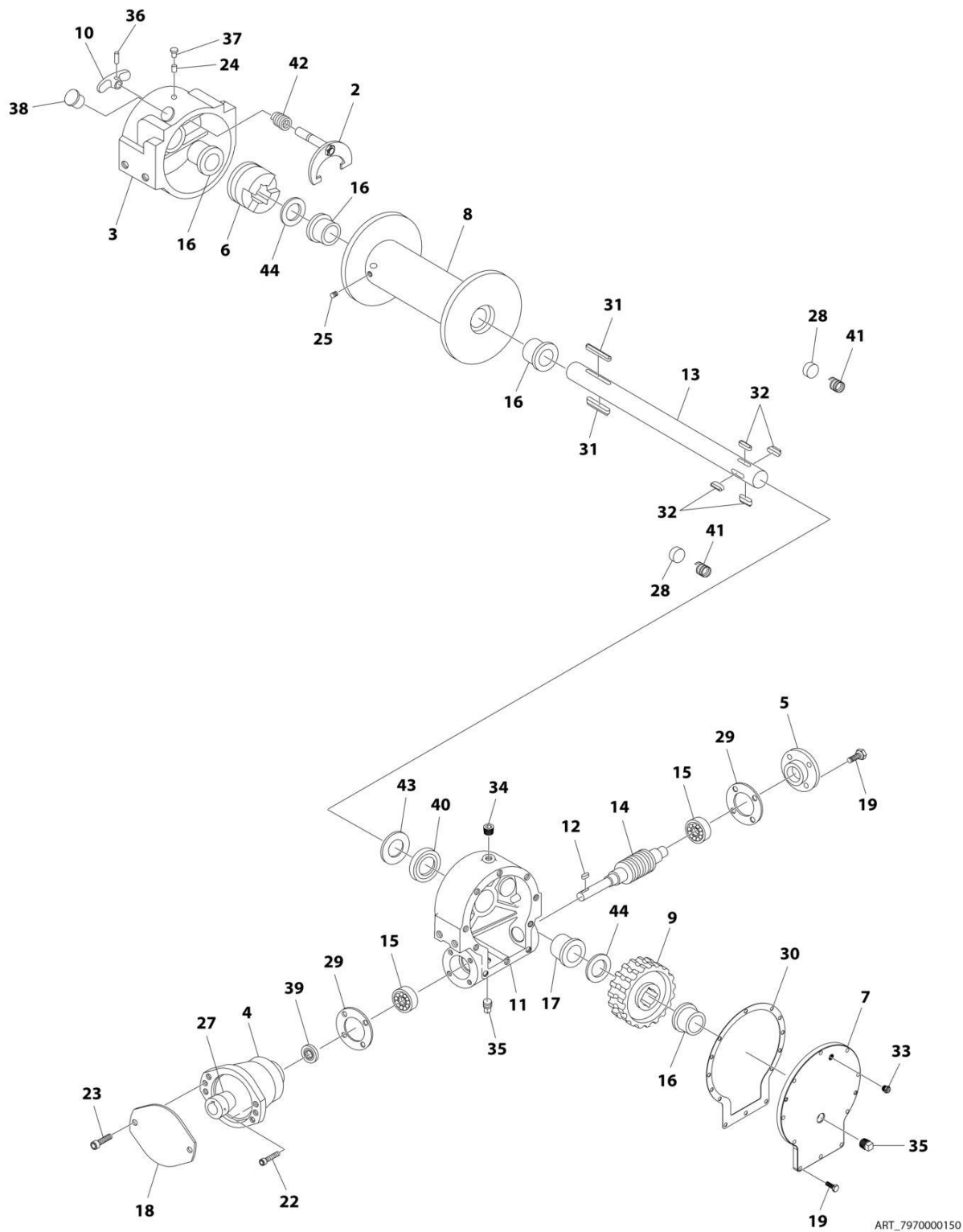
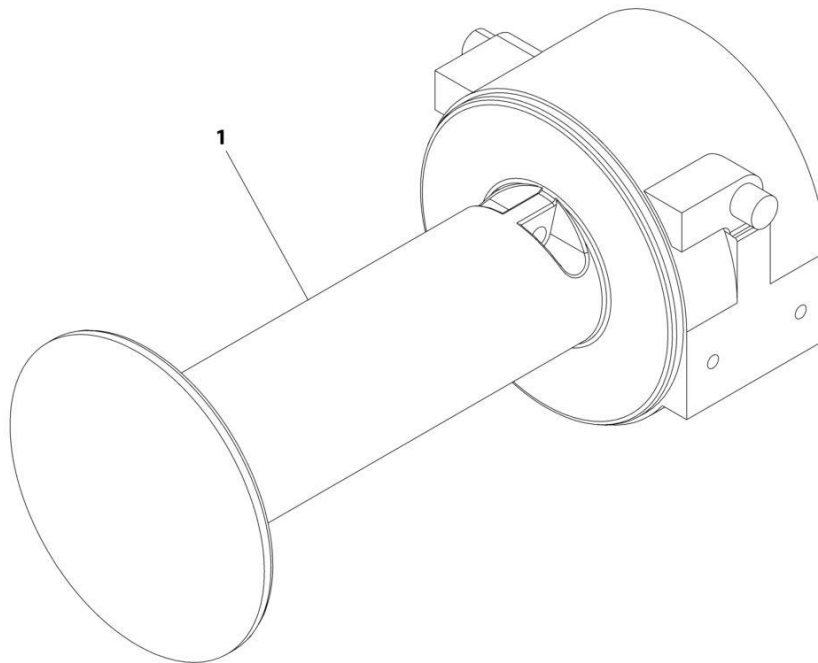


FIGURE 2-9. WINCH ASSEMBLY (WITH SINGLE WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7970000150	Ref	WINCH ASSEMBLY	0
2	70051554	1	Shifter Assembly	
3	9560960022	1	Housing - Clutch	
4	9970300057	1	Adapter	
5	9970316083	1	Bearing Cap	
6	9970960060	1	Jaw Clutch	
7	9314960024	1	Cover	
8	9970960068	1	Drum - "Std"	
9	9472960072	1	Gear RH	
10	9970336010	1	Handle	
11	9560990011	1	Housing - Gear	
12	9970342027	1	Key	
13	9806960009	1	Shaft - Drum "Std"	
14	9970960062	1	Worm RH	
15	9970402002	2	Bearing - Ball	
16	9970412003	4	Bushing	
17	9970412045	4	Bushing	
18	70050679	1	Adapter Cover	
19	9970414045	14	Bolt 1/4 x 7/8	
20	9120960034	2	Bolt 3/8 x 1 (Not Shown)	
22	70050682	4	Bolt 1/4 x 1-3/4	
23	9120960061	2	Bolt 1/2 x 1-1/2	
24	70051555	1	Setscrew 1/4 x 3/8	
25	9786960015	1	Setscrew 3/8 x 1/2	
27	9970431008	1	Coupling	
28	9970438014	2	Disc Brake	
29	9970442184	2	Gasket	
30	9970442205	1	Gasket	
31	9970450006	2	Key Barth	
32	9575960014	4	Key Barth	
33	9970456008	1	Fitting - Relief	
34	9701960015	1	Pipe Plug	
35	9970468011	2	Pipe Plug	
36	9691960001	1	Spirol Pin	
37	9970472012	1	Rubber Plug	
38	9970472013	1	Plastic Plug	
39	9970486009	1	Oil Seal	
40	9970483017	1	Oil Seal	
41	9970494002	2	Spring	
42	9970494053	1	Spring	
43	9970518014	1	Washer	
44	9970518015	1	Washer	

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FIGURE 2-10. WINCH ASSEMBLY (LH) (WITH DUAL WINCHES)



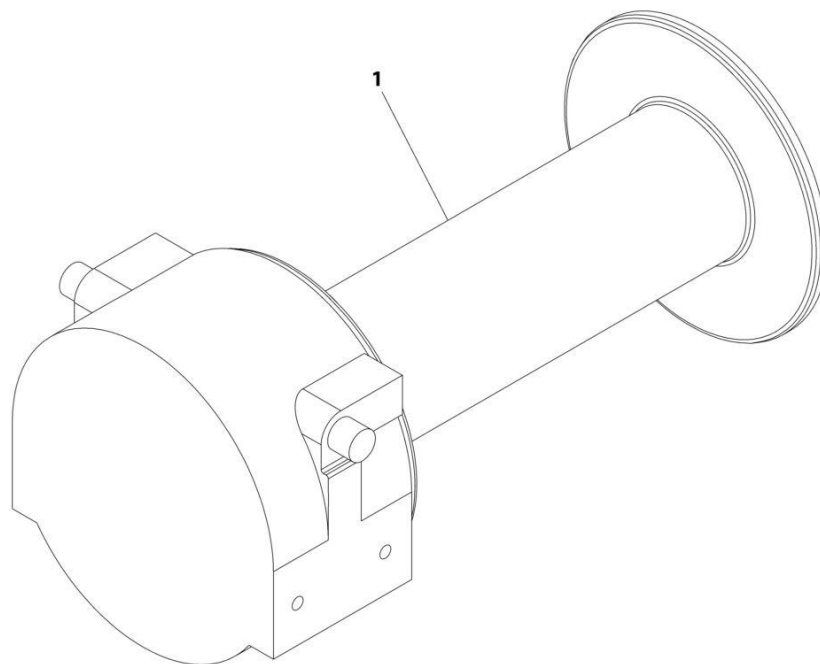
ART_7970000103

FIGURE 2-10. WINCH ASSEMBLY (LH) (WITH DUAL WINCHES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7970000103	Ref	WINCH ASSEMBLY	0
		Ref	No Service Part Available at the Time of Printing	

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FIGURE 2-11. WINCH ASSEMBLY (RH) (WITH DUAL WINCHES)



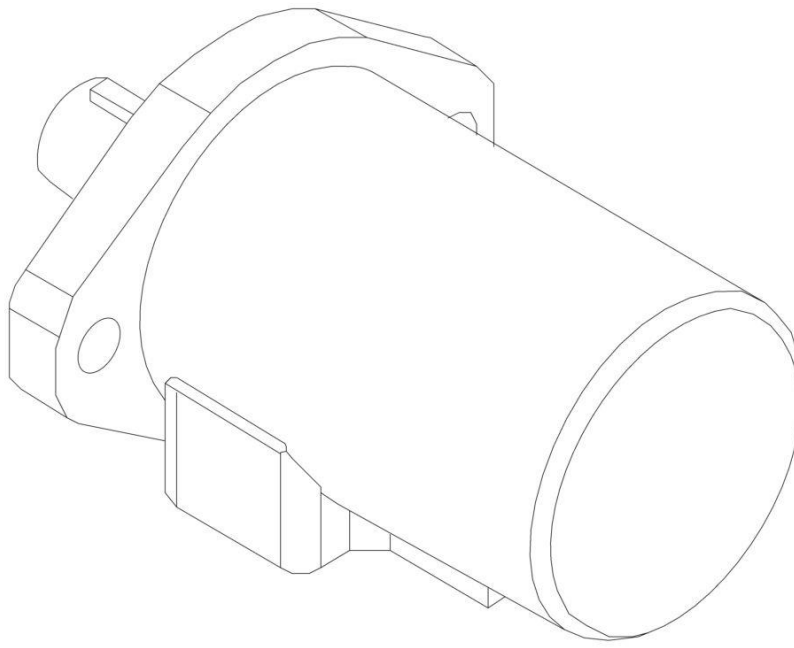
ART_7970000104

FIGURE 2-11. WINCH ASSEMBLY (RH) (WITH DUAL WINCHES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7970000104	Ref	WINCH ASSEMBLY	0
		Ref	No Service Part Available at the Time of Printing	

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FIGURE 2-12. WINCH MOTOR ASSEMBLY



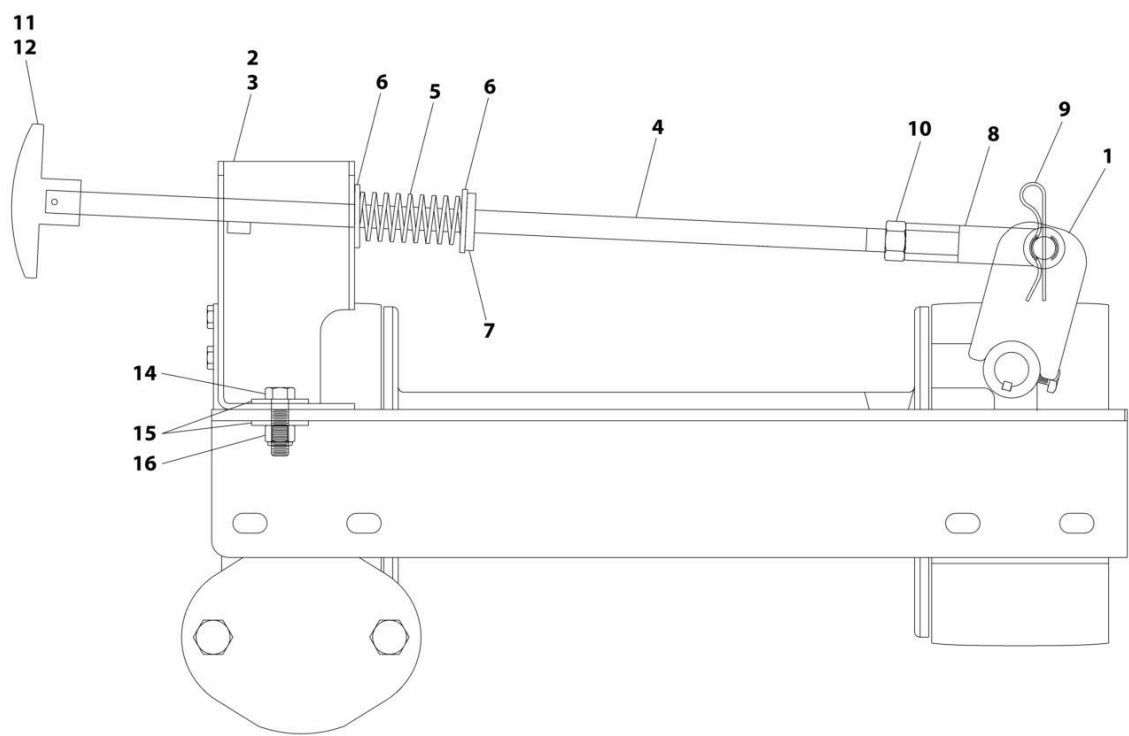
ART_7626000014

FIGURE 2-12. WINCH MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7626000014	Ref	Orbit Motor	B
		Ref	No Service Part Available at the Time of Printing	

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FIGURE 2-13. WINCH HANDLE INSTALLATION - DUAL WINCH (WITH FLY BOOM)



ART_3509900060

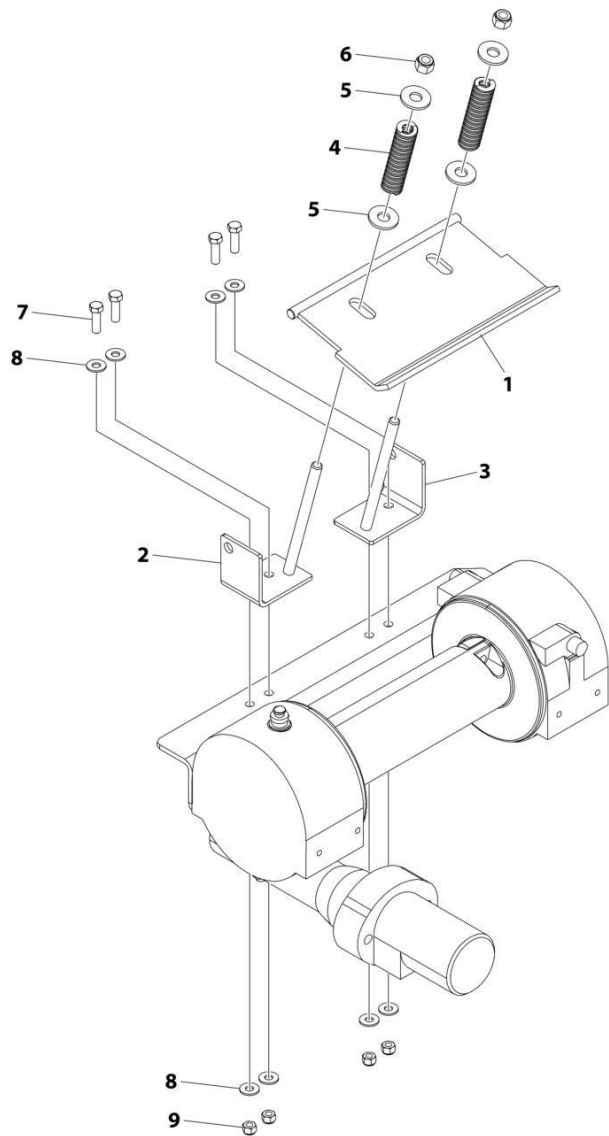
SECTION 2 - BOOM

FIGURE 2-13. WINCH HANDLE INSTALLATION - DUAL WINCH (WITH FLY BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3509900060	Ref	WINCH HANDLE INSTALLATION - DUAL WINCH (WITH FLY BOOM)	C
1	3587000007	2	Lever	
2	4178000166	1	Bracket	
3	4178000167	1	Bracket	
4	3587000008	2	Handle	
5	7843000010	2	Spring	
6	7950180161	4	Washer 1/2	
7	7690102041	2	Pin	
8	7990000011	2	Yoke	
9	1001179025	2	Pin, Clevis	
10	7660180030	2	Nut	
11	4551000005	2	T-Handle	
12	7690051641	2	Pin	
14	7115161050	2	Bolt 3/8 x 1-1/4	
15	7950160162	4	Washer 3/8	
16	7660162601	2	Nut 3/8	

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FIGURE 2-14. CABLE TENSIONER INSTALLATION - WINCH



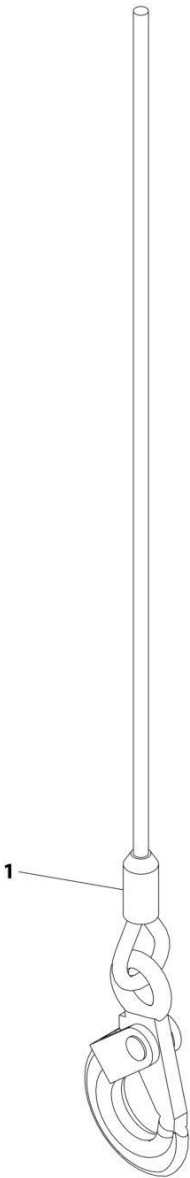
ART_2500900643

FIGURE 2-14. CABLE TENSIONER INSTALLATION - WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2500900643	Ref	CABLE TENSIONER INSTALLATION - WINCH	A
1	3706000099	1	Plate	
2	3017000003	1	Angle (LH)	
3	3017000002	1	Angle (RH)	
4	7843000004	2	Spring	
5	7950180161	4	Washer 1/2	
6	7660182601	2	Nut 1/2	
7	7115161050	4	Bolt 3/8 x 1-1/4	
8	7950150161	8	Washer 5/16	
9	7660162601	4	Nut 3/8	

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FIGURE 2-15. CABLE ASSEMBLY - NON-SWIVEL HOOK (SINGLE) (G&S AAA UNITS)



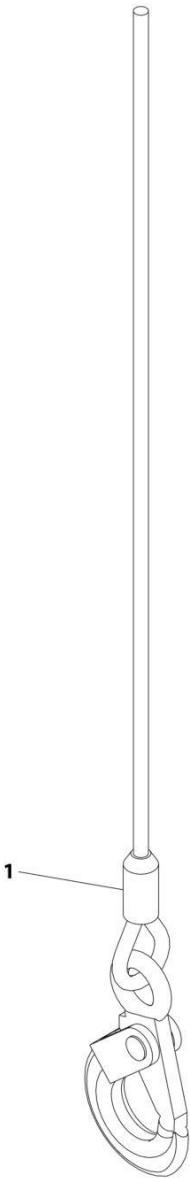
ART_C38D100-G5A971

FIGURE 2-15. CABLE ASSEMBLY - NON-SWIVEL HOOK (SINGLE) (G&S AAA UNITS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	C38D100-GSA971	Ref	CABLE ASSEMBLY - NON-SWIVEL HOOK (SINGLE) (G&S AAA UNITS)	0
1	7248000108	1	Cable Assembly	

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FIGURE 2-16. CABLE ASSEMBLY - NON-SWIVEL HOOK (SINGLE)



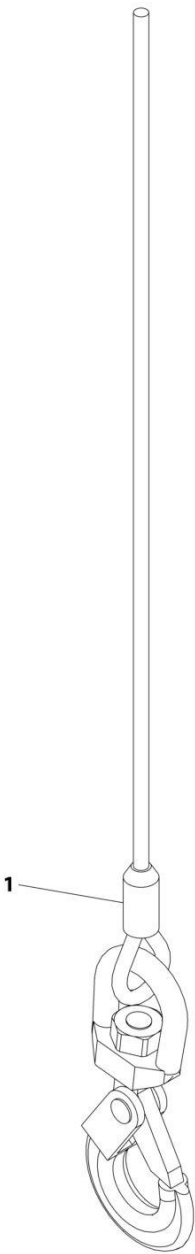
ART_C38D100

FIGURE 2-16. CABLE ASSEMBLY - NON-SWIVEL HOOK (SINGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	C38D100 1001228301	Ref 1	CABLE ASSEMBLY - NON-SWIVEL HOOK (SINGLE) Cable Assembly	B

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FIGURE 2-17. CABLE ASSEMBLY - SWIVEL HOOK (SINGLE)



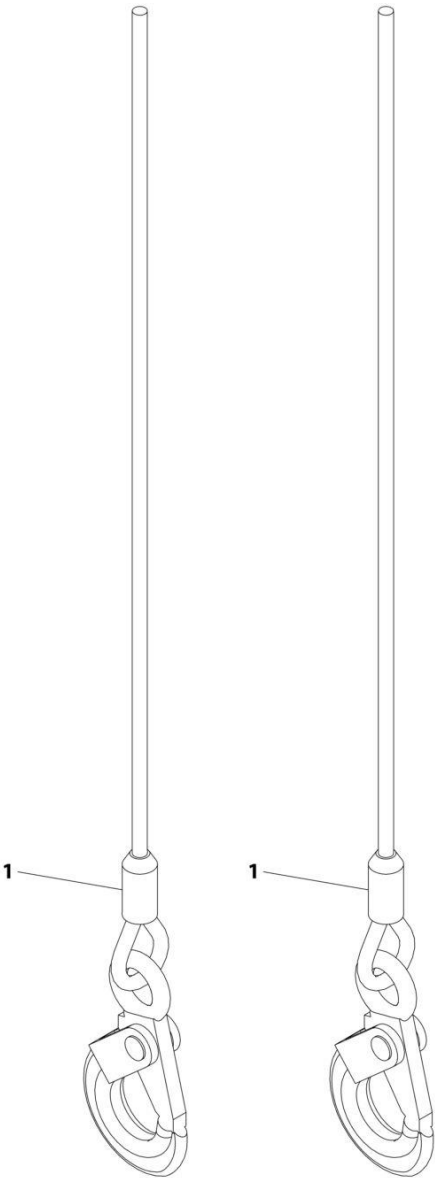
ART_C38D100WSH

FIGURE 2-17. CABLE ASSEMBLY - SWIVEL HOOK (SINGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	C38D100WSH 1001228303	Ref 1	CABLE ASSEMBLY - SWIVEL HOOK (SINGLE) Cable Assembly	B

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FIGURE 2-18. CABLE ASSEMBLY - NON-SWIVEL HOOK (DUAL)



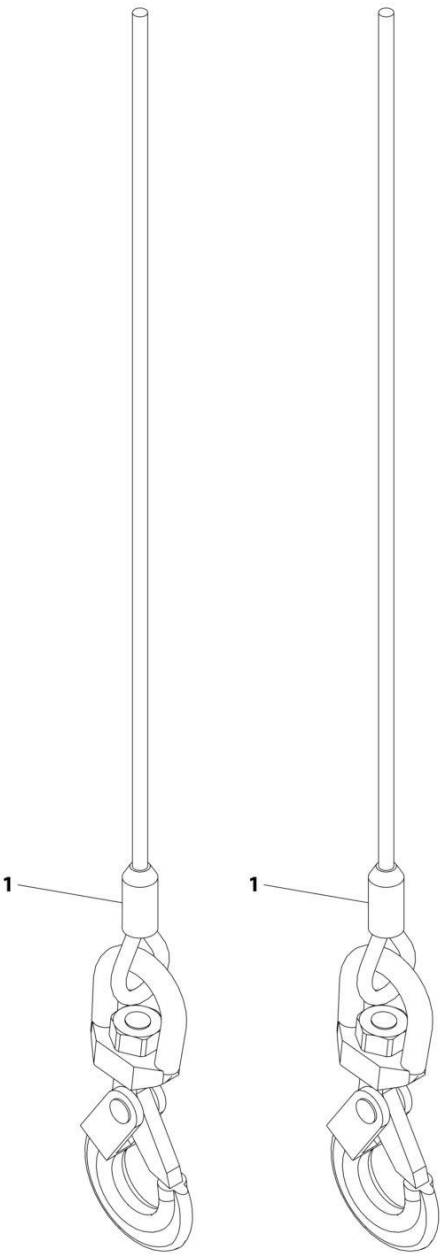
ART_1001181886

FIGURE 2-18. CABLE ASSEMBLY - NON-SWIVEL HOOK (DUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001181886	Ref	CABLE ASSEMBLY - NON-SWIVEL HOOK	A
	7248000111	2	Cable Assembly	

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FIGURE 2-19. CABLE ASSEMBLY - SWIVEL HOOK (DUAL)



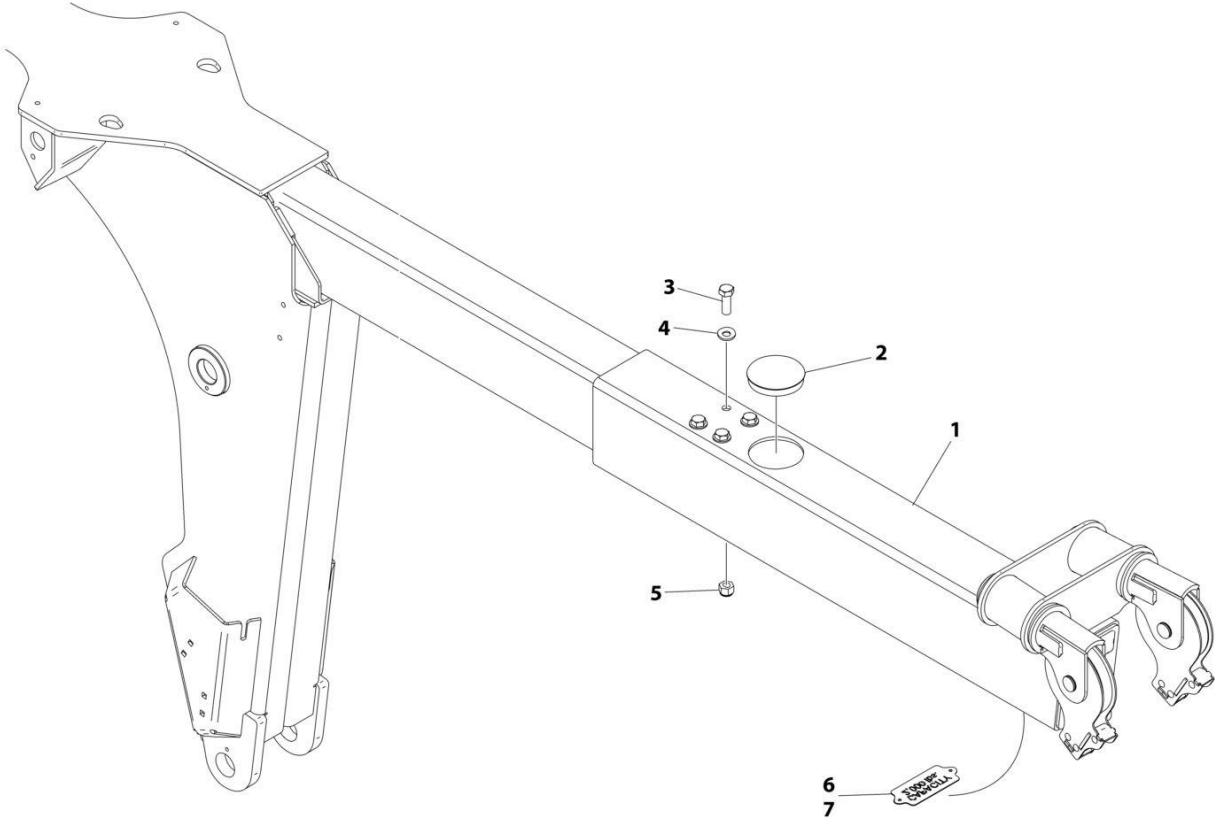
ART_1001181889

FIGURE 2-19. CABLE ASSEMBLY - SWIVEL HOOK (DUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001181889	Ref	CABLE ASSEMBLY - SWIVEL HOOK (DUAL)	A
	7248000140	2	Cable Assembly	

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FIGURE 2-20. RECOVERY BOOM EXTENSION INSTALLATION



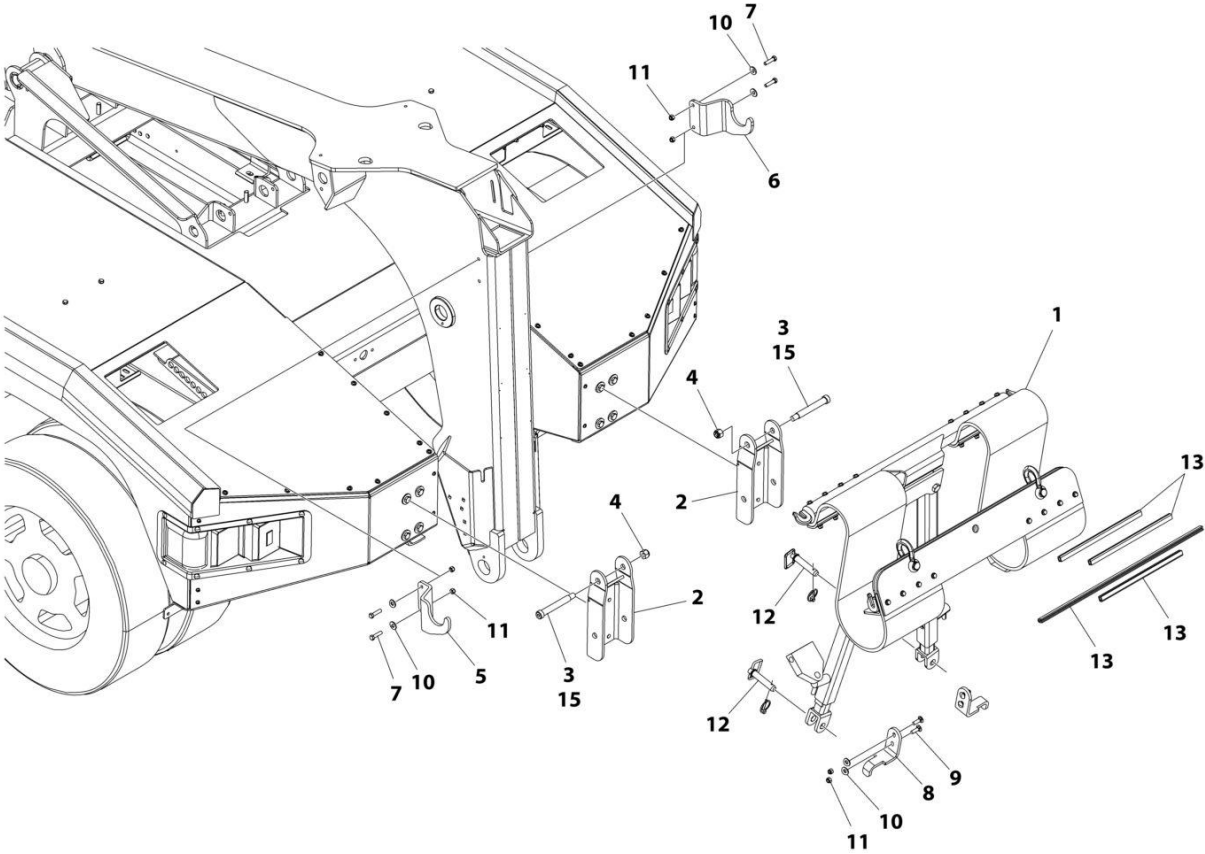
ART_1001178630

FIGURE 2-20. RECOVERY BOOM EXTENSION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178630	Ref	RECOVERY BOOM EXTENSION INSTALLATION	B
1	3170000493	1	Boom Extension	
2	7701000030	1	Plug	
3	7115201450	4	Bolt 5/8 x 1-3/4	
4	7950200141	4	Washer 5/8	
5	7660202601	4	Nut 5/8	
6	7330000866	1	Tag	
7	7759000018	2	Pop Rivet	

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FIGURE 2-21. TOW SLING INSTALLATION



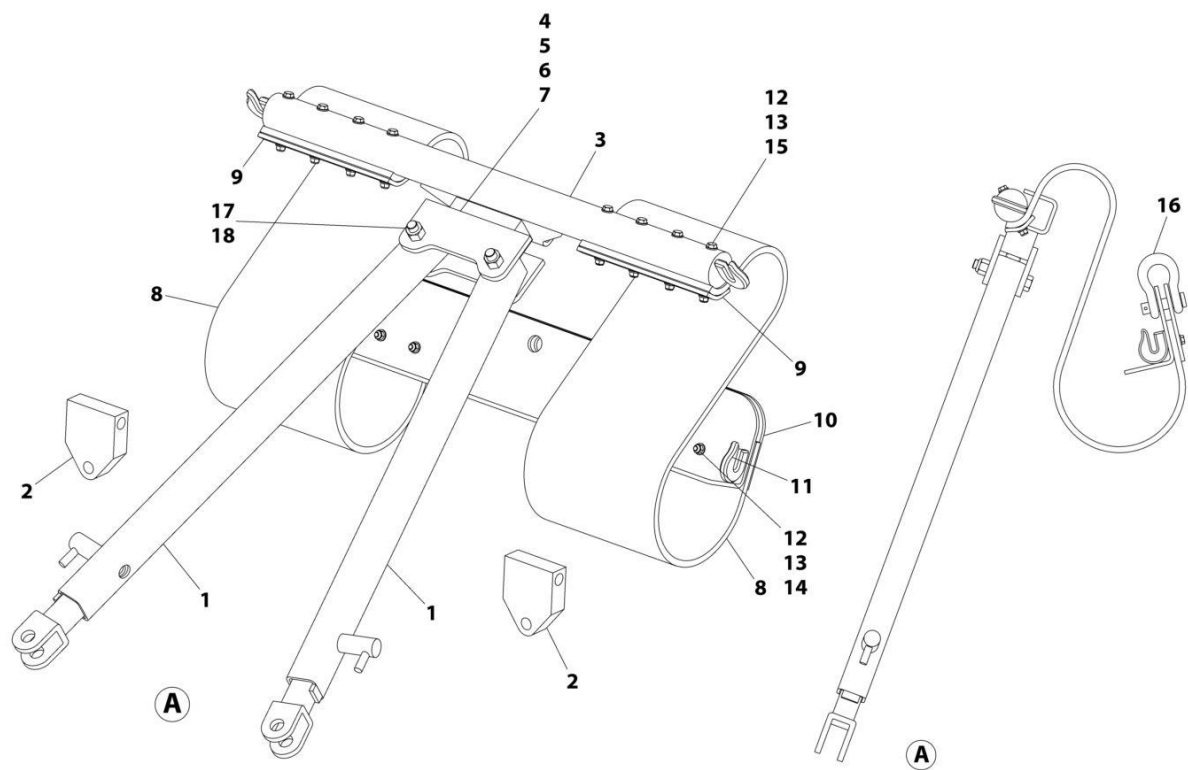
ART_1001208842

FIGURE 2-21. TOW SLING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208842	Ref	TOW SLING INSTALLATION	A
1	1001183579	1	Tow Sling Kit (See Separate Breakdown in this Section)	
2	4178000621	2	Bracket	
3	7115223806	2	Bolt 5/8 x 4-3/4	
4	7660202601	2	Nut 5/8	
5	1001208612	1	Bracket, LH	
6	1001208611	1	Bracket, RH	
7	0641612	4	Bolt 3/8 x 1-1/2	
8	1001208613	2	Bracket	
9	7115161064	4	Bolt 3/8 x 1-1/4	
10	4751600	8	Washer 3/8	
11	7660162601	8	Nut 3/8	
12	7691000053	2	Pin	
13	8632000002	5.83 ft	Trim Lock	
14	7262000010	2	Chain (Not Shown)	
15	3020039	AR	Molly Paste	

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FIGURE 2-22. TOW SLING KIT



ART_1001183579

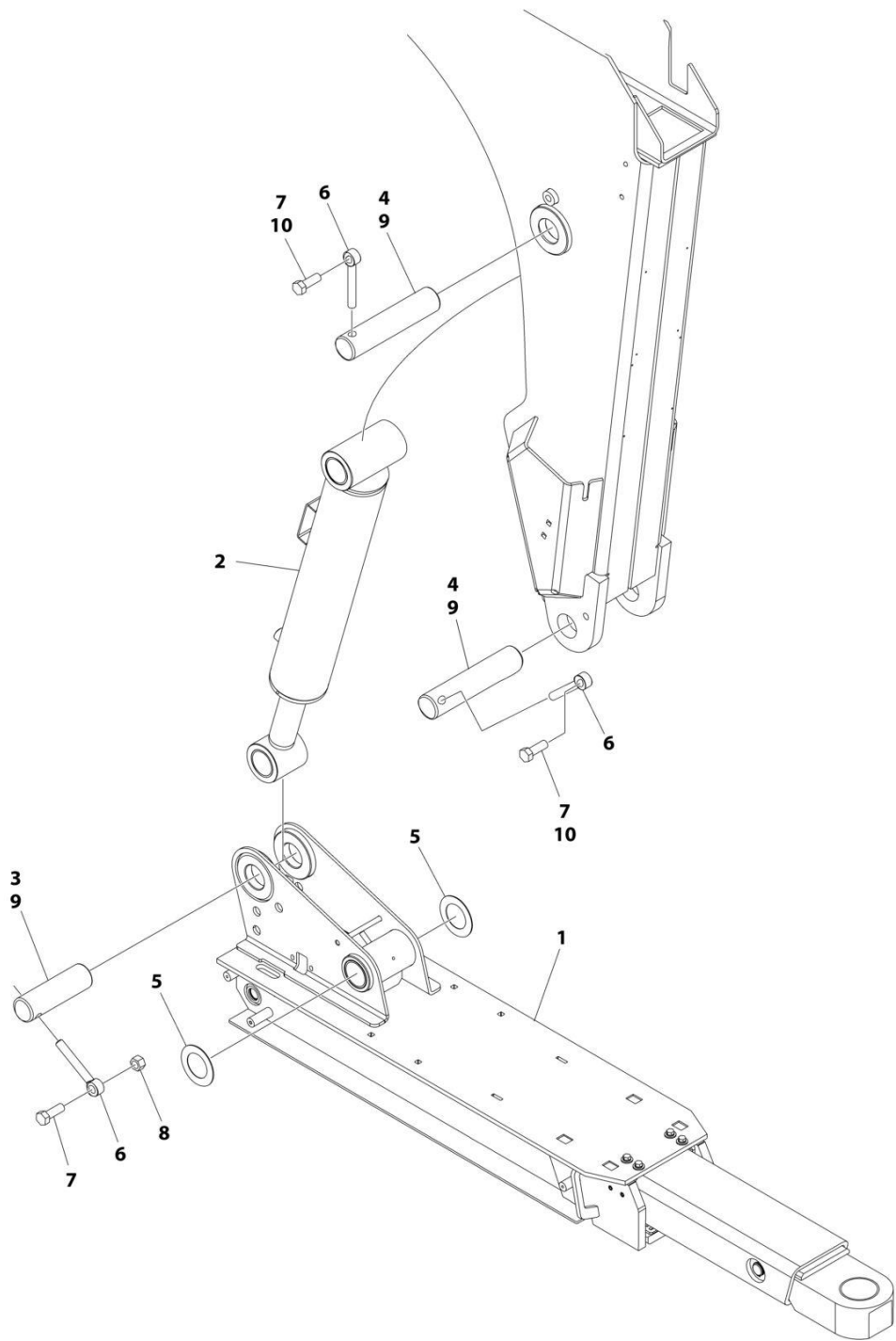
FIGURE 2-22. TOW SLING KIT

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	

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FIGURE 3-1. UNDERLIFT INSTALLATION - MANUAL GRID



ART_1001207972

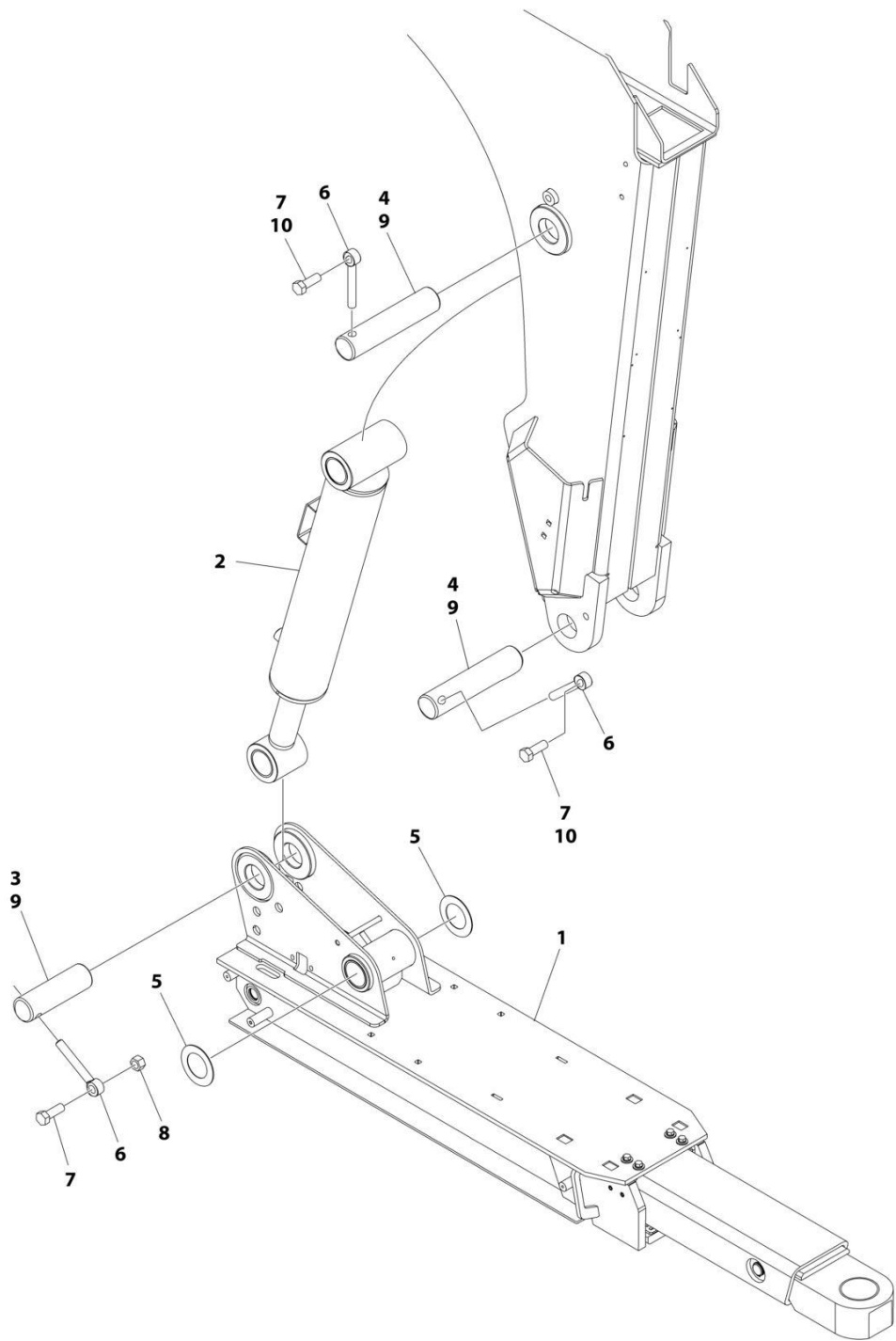
SECTION 3 - UNDERLIFT

FIGURE 3-1. UNDERLIFT INSTALLATION - MANUAL GRID

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207972	Ref	UNDERLIFT INSTALLATION - MANUAL GRID	A
1	1001207975	1	Boom, Under lift - Manual Grids (See Separate Breakdown in this Section)	
2	1001194369	1	Cylinder Assembly - Tilt (See Separate Breakdown in this Section)	
3	1001191718	1	Pin	
4	1001191717	2	Pin	
5	4949000050	2	Washer	
6	3841258	3	Pin	
7	0682014	3	Bolt 5/8 x 1-3/4 Grade 8	
8	3272005	1	Nut 5/8	
9	3020039	AR	Lubricant	
10	1001095650	AR	Adhesive	

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FIGURE 3-2. UNDERLIFT INSTALLATION - HYDRAULIC GRID



ART_1001196508

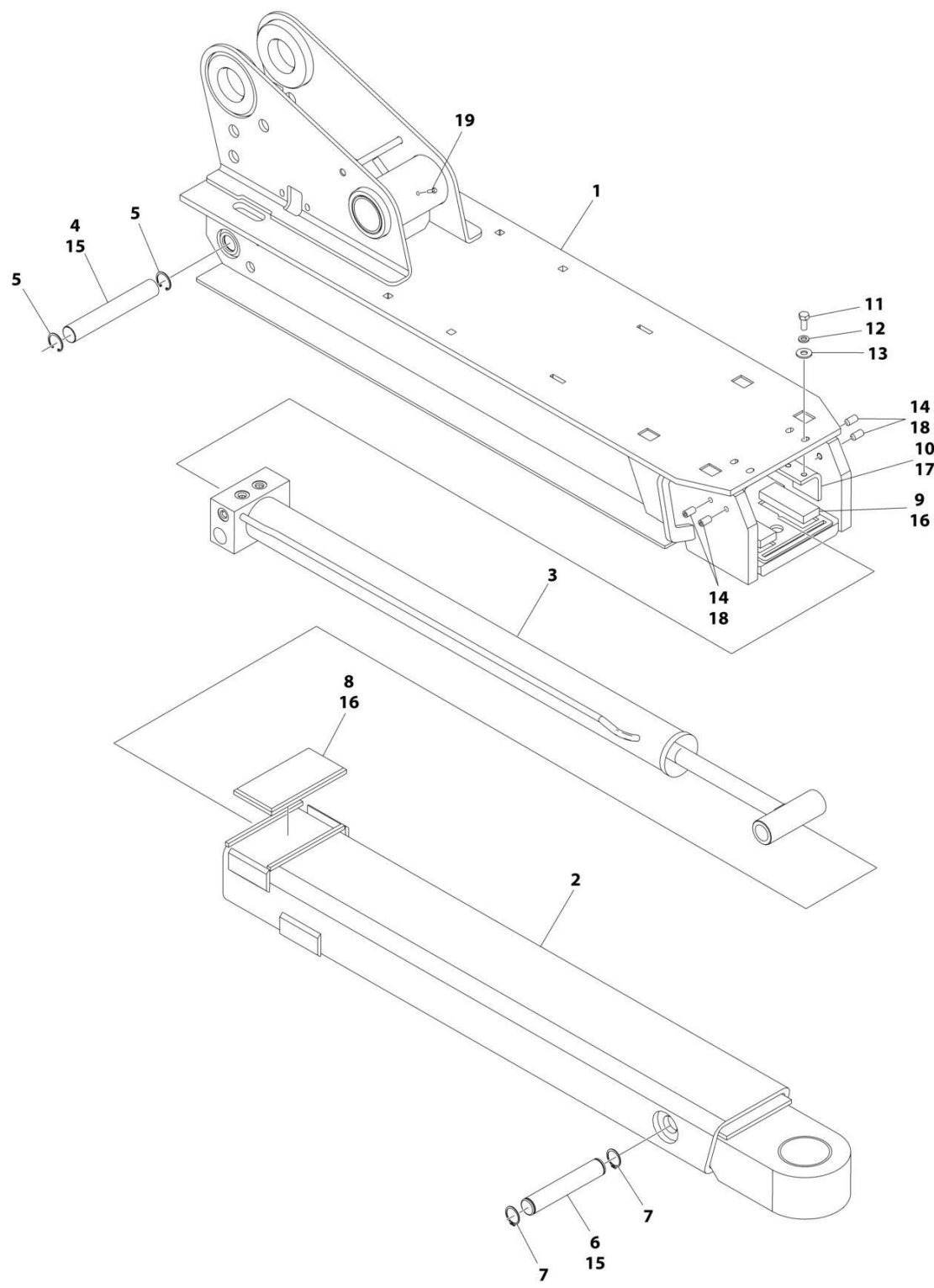
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FIGURE 3-2. UNDERLIFT INSTALLATION - HYDRAULIC GRID

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196508	Ref	UNDERLIFT INSTALLATION - HYDRAULIC GRID	A
1	1001196509	1	Boom Assembly - Underlift with Hydraulic Grids (See Separate Breakdown in this Section)	
2	1001194369	1	Cylinder Assembly - Tilt (See Separate Breakdown in this Section)	
3	1001191718	1	Pin	
4	1001191717	2	Pin	
5	4949000050	2	Washer	
6	3841258	3	Pin	
7	0682014	3	Bolt 5/8 x 1-3/4 Grade 8	
8	3272005	1	Nut 5/8 Grade 8	
9	3020039	AR	Lubricant	
10	1001095650	AR	Adhesive	

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FIGURE 3-3. UNDERLIFT BOOM ASSEMBLY - MANUAL GRID



ART_1001207975

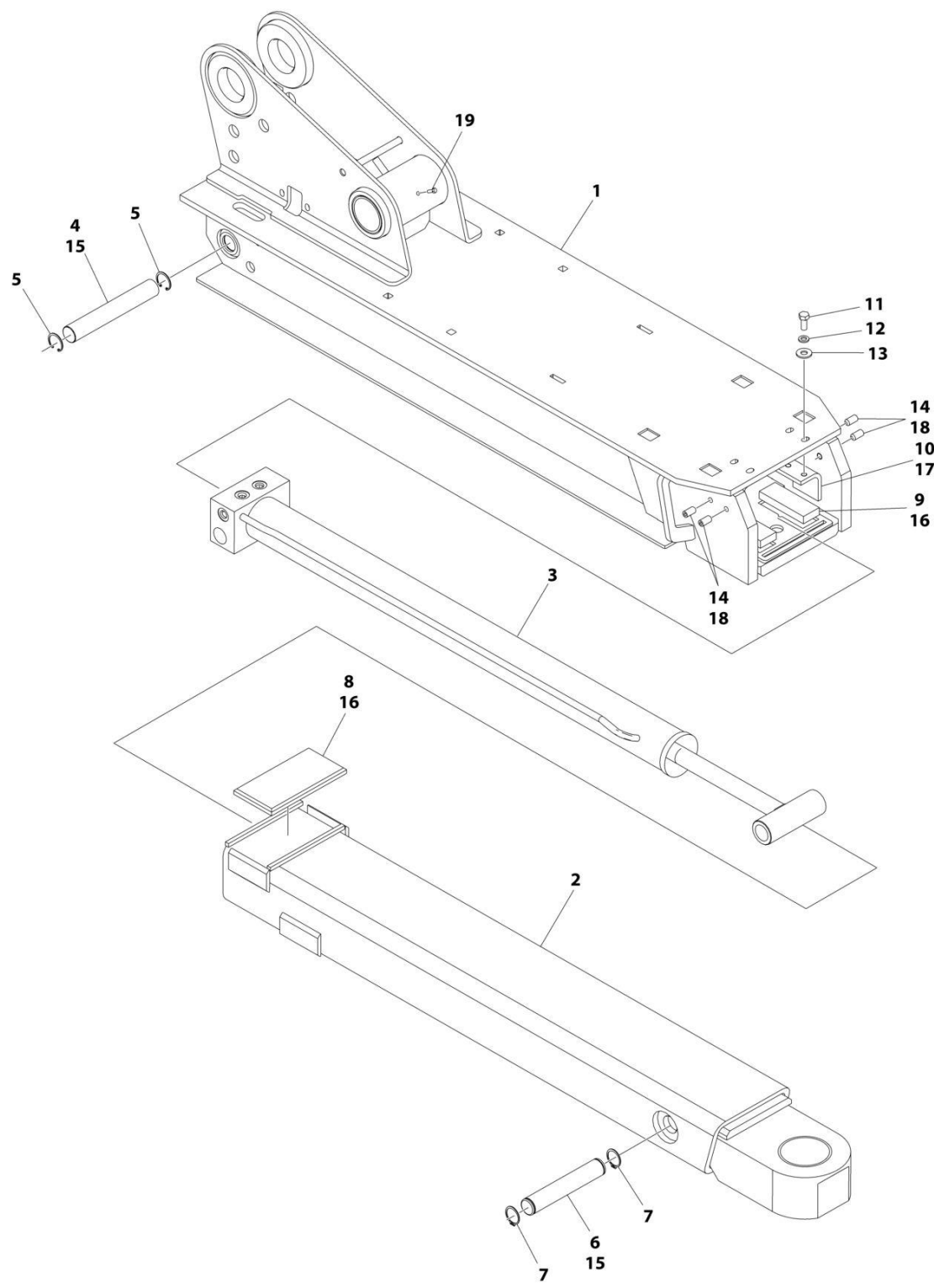
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FIGURE 3-3. UNDERLIFT BOOM ASSEMBLY - MANUAL GRID

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207975	Ref	UNDERLIFT BOOM ASSEMBLY - MANUAL GRID	B
1	1001207976	1	Boom, Main	
2	3170000393	1	Boom, Fly	
3	7320000077	1	Cylinder Assembly - Extrend/Retract (See Separate Breakdown in this Section)	
4	4691000308	1	Pin	
5	7754000056	2	Ring, Retaining	
6	4691000307	1	Pin	
7	3760115	2	Ring, Retaining	
8	4679000046	1	Pad	
9	4679000213	2	Pad	
10	4017001502	2	Angle	
11	7104150624	4	Bolt 5/16 x 3/4	
12	4761500	4	Washer 5/16	
13	4751500	4	Washer 5/16	
14	7785161274	4	Setscrew 3/8 x 3/4	
15	3020039	AR	Lubricant	
16	1001152707	AR	Lubricant	
17	1001155141	AR	Lubricant	
18	1001095650	AR	Adhesive	
19	1001204776	1	Plug	

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FIGURE 3-4. UNDERLIFT BOOM ASSMBLY - HYDRAULIC GRIDS



ART_1001196509

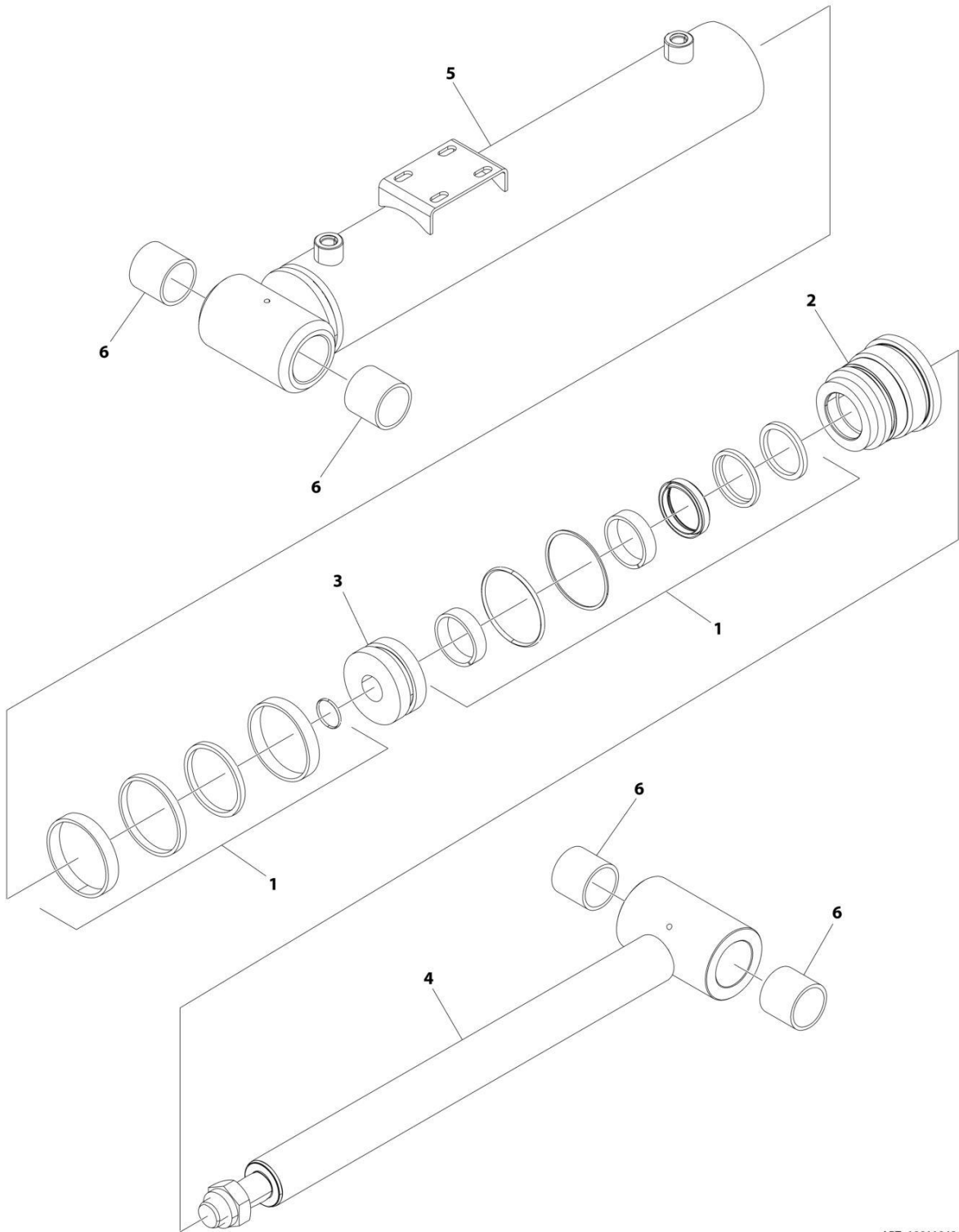
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FIGURE 3-4. UNDERLIFT BOOM ASSMBLY - HYDRAULIC GRIDS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196509	Ref	BOOM, UNDERLIFT - HYDRAULIC GRIDS	A
1	1001196510	1	Boom, Base	
2	3170000346	1	Boom, Inner	
3	7320000077	1	Cylinder Assembly (See Separate Breakdown in this Section)	
4	4691000308	1	Pin	
5	7754000056	2	Snap Ring	
6	4691000307	1	Pin	
7	3760115	2	Retaining Ring	
8	4679000046	1	Pad	
9	4679000213	2	Pad	
10	4017001502	2	Angle	
11	7104150624	4	Capscrew 5/16 x 3/4	
12	4761500	4	Washer 5/16	
13	4751500	4	Washer 5/16	
14	7785161274	4	Setscrew 3/8 x 3/4	
15	3020039	AR	Lubricant	
16	1001152707	AR	Lubricant	
17	1001155141	AR	Lubricant	
18	1001095650	AR	Adhesive	
19	1001204776	1	Plug	
20	7209000030	1	Bushing	
21	7082000043	1	Bushing	

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FIGURE 3-5. CYLINDER ASSEMBLY - TILT (UNDERLIFT)



ART_1001194369

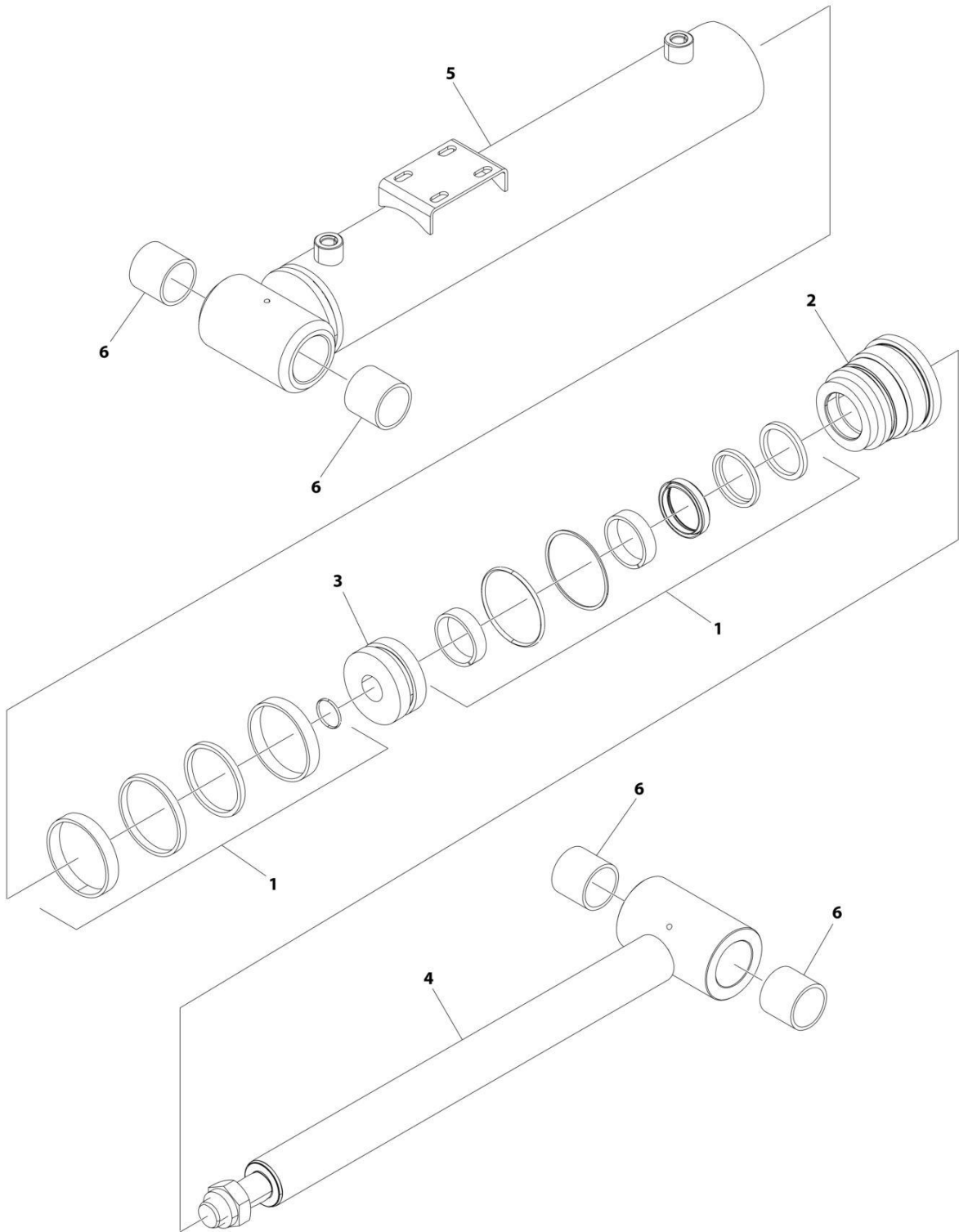
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FIGURE 3-5. CYLINDER ASSEMBLY - TILT (UNDERLIFT)

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)	

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FIGURE 3-6. CYLINDER ASSEMBLY - EXTEND/RETRACT (UNDERLIFT)



ART_7320000077

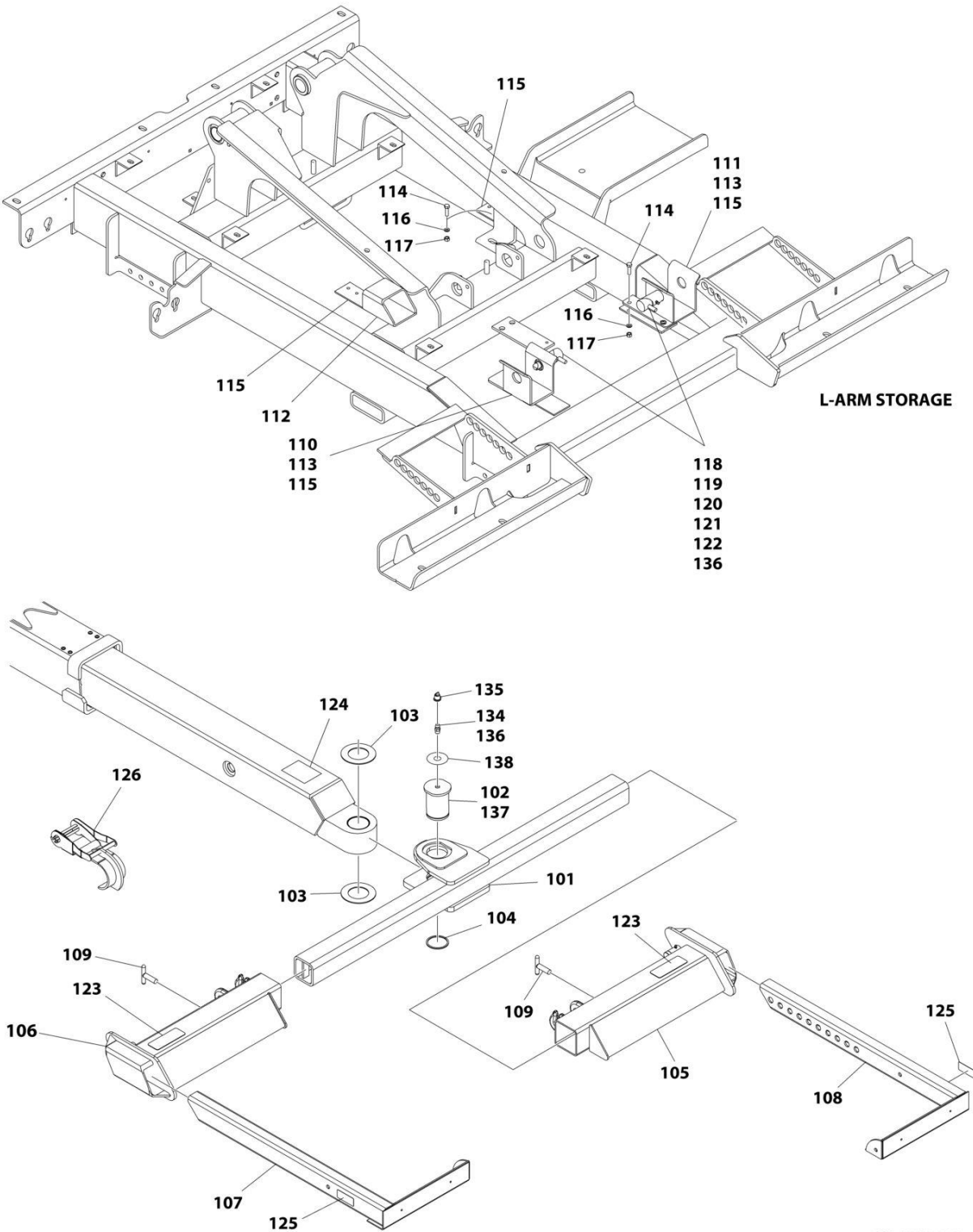
SECTION 3 - UNDERLIFT

FIGURE 3-6. CYLINDER ASSEMBLY - EXTEND/RETRACT (UNDERLIFT)

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	

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FIGURE 3-7. GRID SYSTEM INSTALLATION - MANUAL FIXED



ART_1001204843

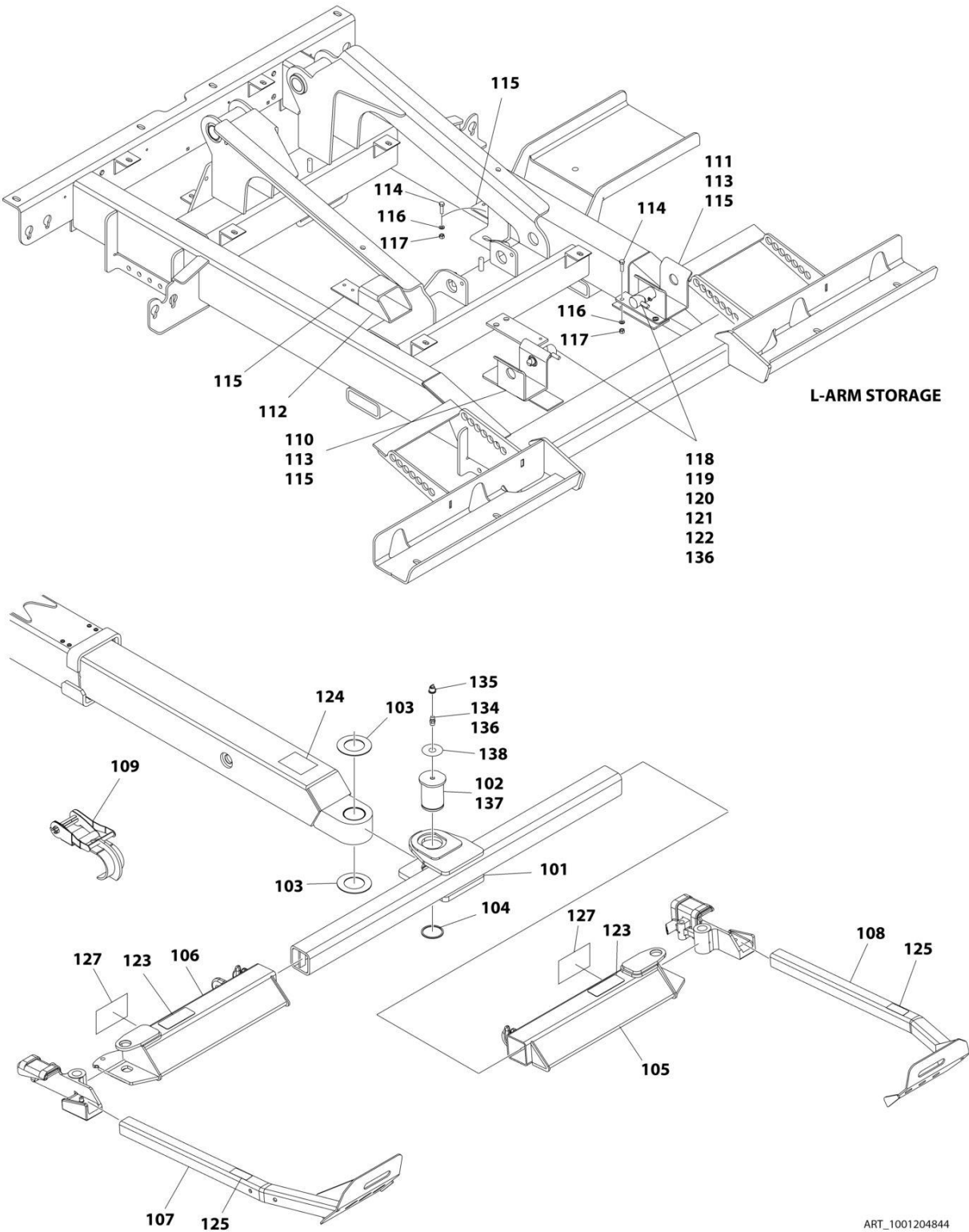
SECTION 3 - UNDERLIFT

FIGURE 3-7. GRID SYSTEM INSTALLATION - MANUAL FIXED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204843	Ref	GRID SYSTEM INSTALLATION - MANUAL FIXED	A
1	3484000076	Ref	Grid/Cross Tube Assembly (See Items 101-138 for Breakdown)	
2	1001137486	Ref	Plug Installation	
2	7443000048	Ref	Plug (Not Shown - Located on Main Valve)	
	3484000076	Ref	Grid/Cross Tube Assembly	B
101	3170000390	1	Crosstube	
102	4691000103	1	Pin	
103	4949000047	2	Thrust Washer	
104	7754000024	1	Ring, Retaining	
105	3484000030	1	Grid (RH)	
106	3484000031	1	Grid (LH)	
107	3020000037	1	L-Arm (LH)	
108	3020000038	1	L-Arm (RH)	
109	3551000036	2	T-Handle	
110	1001129410	1	Bracket, Storage (LH)	
111	1001129411	1	Bracket, Storage (RH)	
112	4911000454	2	Tube	
113	4090000013	2	Pad	
114	7114141018	8	Bolt 1/4 x 1-1/4	
115	1001129414	4	Plate, Backing	
116	7950140143	8	Washer 1/4	
117	7660142601	8	Nut 1/4	
118	7843000006	2	Spring	
119	4691000186	2	Pin	
120	4254000005	2	Cap	
121	4763000184	2	Rod	
122	7440030000	2	Fitting, Grease	
123	7330000036	2	Decal - Warning Secure Vehicle	
124	7330000599	1	Decal - Warning Pinch Point	
125	7330000553	2	Decal - L-Arm Storage	
126	7894000034	2	Strap and Ratchet Assembly	
134	88671008	1	Fitting, Grease	
135	7253000002	1	Cap, Grease	
136	3020029	AR	Lubricant	
137	3020039	AR	Lubricant	
138	7330000609	1	Decal - Grease Required	

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FIGURE 3-8. GRID SYSTEM INSTALLATION - MANUAL PIVOTING



ART_1001204844

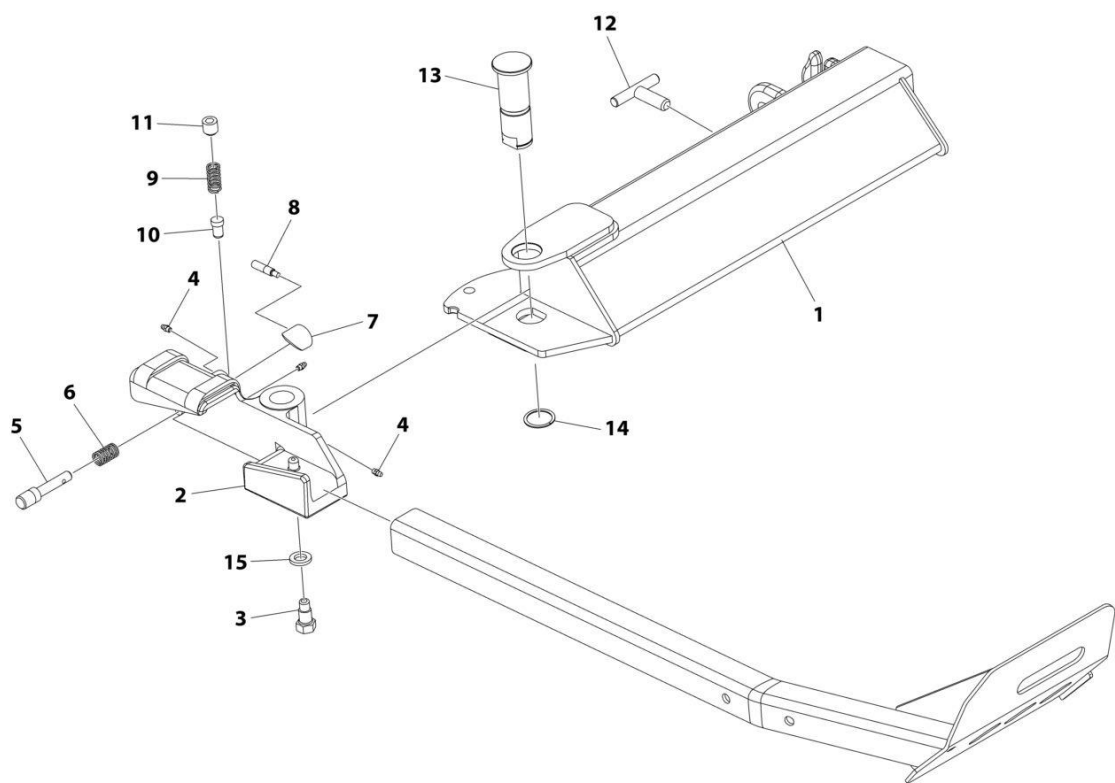
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FIGURE 3-8. GRID SYSTEM INSTALLATION - MANUAL PIVOTING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204844	Ref	GRID SYSTEM INSTALLATION - MANUAL PIVOTING	A
1	3484000077	Ref	Grid/Cross Tube Assembly (See Items 101-138 for Breakdown)	
2	1001137486	Ref	Plug Installation	
2	7443000048	Ref	Plug (Not Shown - Located on Main Valve)	
	3484000077	Ref	Grid/Cross Tube Assembly	C
101	3170000390	1	Crosstube	
102	4691000103	1	Pin	
103	4949000047	2	Thrust Washer	
104	7754000024	1	Ring, Retaining	
105	3484000046	1	Grid (RH) (See Separate Breakdown in this Section)	
106	3484000047	1	Grid (LH) (See Separate Breakdown in this Section)	
107	3020000029	1	L-Arm (LH)	
108	3020000030	1	L-Arm (RH)	
109	7894000034	2	Strap and Ratchet Assembly	
110	1001129412	1	Bracket Storage (LH)	
111	1001129413	1	Bracket Storage (RH)	
112	4913000503	1	Tube	
113	4090000013	2	Pad	
114	7114141018	8	Bolt 1/4 x 1-1/4	
115	1001129414	4	Plate, Backing	
116	7950140143	8	Washer 1/4	
117	7660142601	8	Nut 1/4	
118	7843000006	2	Spring	
119	4691000186	2	Pin	
120	4254000005	2	Cap	
121	4763000184	2	Rod	
122	7440030000	2	Fitting, Grease	
123	7330000683	2	Decal - Safety	
124	7330000599	1	Decal - Warning Pinch Point	
125	7330000553	2	Decal - L-Arm Storage	
127	7330000384	2	Decal - Grid	
134	88671008	1	Fitting, Grease	
135	7253000002	1	Cap, Grease	
136	3020029	AR	Lubricant	
137	3020039	AR	Lubricant	
138	7330000609	1	Decal - Grease Required	

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FIGURE 3-9. GRID ASSEMBLY - WHEEL LIFT (LH) (WITH MANUAL PIVOTING GRID SYSTEM)



ART_3484000047

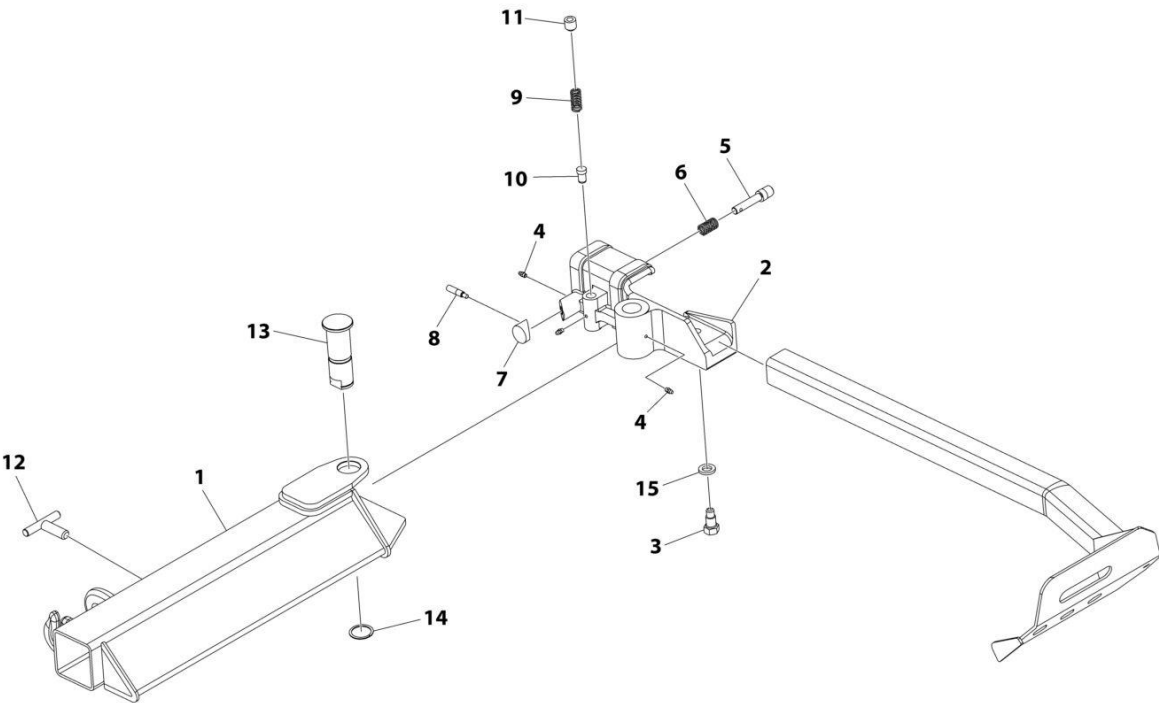
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FIGURE 3-9. GRID ASSEMBLY - WHEEL LIFT (LH) (WITH MANUAL PIVOTING GRID SYSTEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3484000047	Ref	WHEEL LIFT ASSEMBLY (GRID), LH	C
1	3484000017	1	Grid Weldment, LH	
2	4259000002	1	Pivot Weldment, LH	
3	4691000354	1	Pin	
4	7440030000	3	Fitting	
5	4691000186	1	Pin	
6	7843000006	1	Spring	
7	4254000005	1	Cap	
8	4763000184	1	Rod	
9	7843000016	1	Spring	
10	4691000183	1	Pin	
11	7786000006	1	Screw 3/4 x 5/8	
12	3551000036	1	T-Handle	
13	4691000357	1	Pin	
14	7754000037	1	Ring Retaining	
15	7950200000	1	Washer 5/8	

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FIGURE 3-10. GRID ASSEMBLY - WHEEL LIFT (RH) (WITH MANUAL PIVOTING GRID SYSTEM)



ART_3484000046

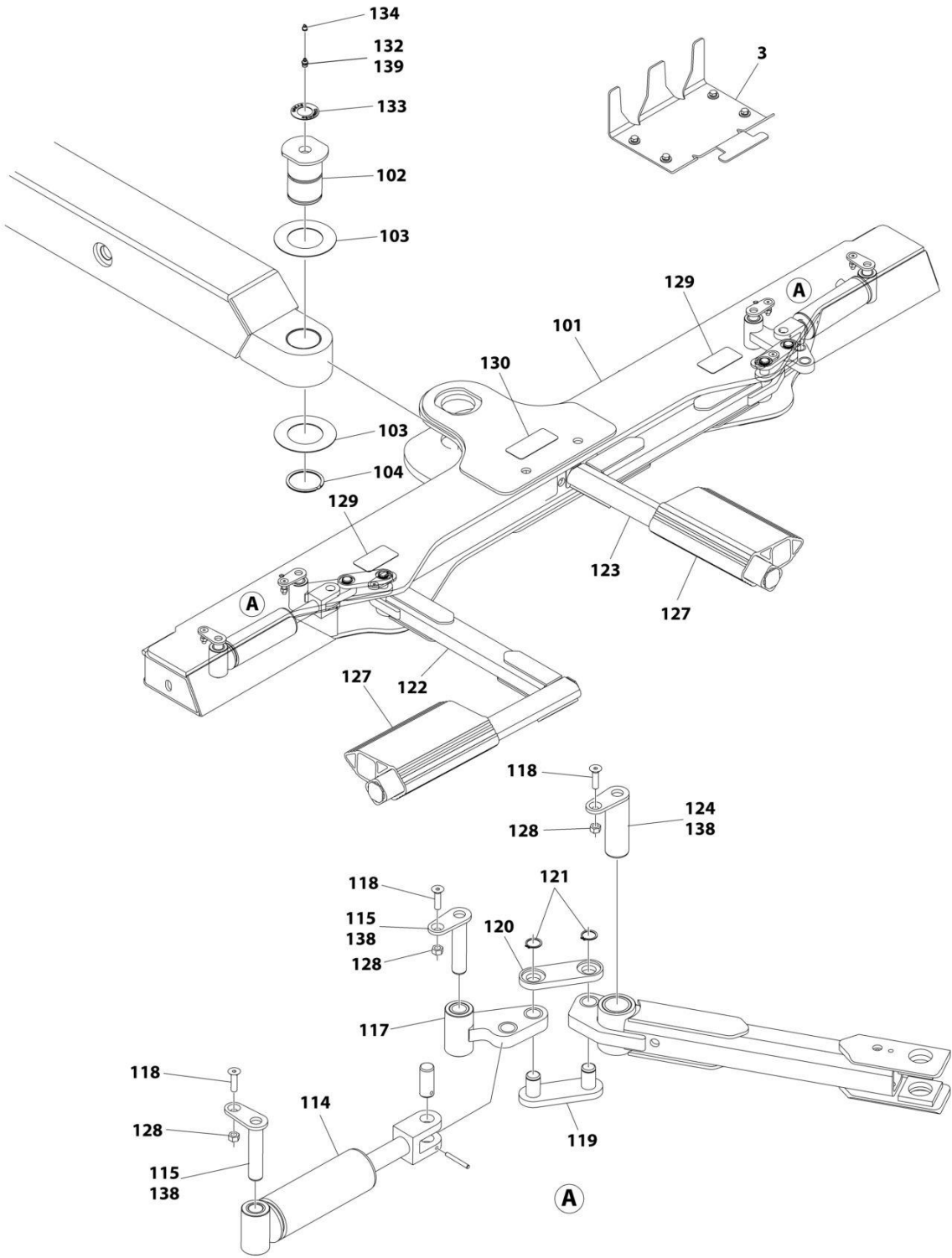
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FIGURE 3-10. GRID ASSEMBLY - WHEEL LIFT (RH) (WITH MANUAL PIVOTING GRID SYSTEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3484000046	Ref	WHEEL LIFT ASSEMBLY (GRID), RH	C
1	3484000016	1	Grid Weldment, RH	
2	4259000001	1	Pivot Weldment, RH	
3	4691000354	1	Pin	
4	7440030000	3	Fitting	
5	4691000186	1	Pin	
6	7843000006	1	Spring	
7	4254000005	1	Cap	
8	4763000184	1	Rod	
9	7843000016	1	Spring	
10	4691000183	1	Pin	
11	7786000006	1	Screw 3/4 x 5/8	
12	3551000036	1	T-Handle	
13	4691000357	1	Pin	
14	7754000037	1	Ring Retaining	
15	7950200000	1	Washer 5/8	

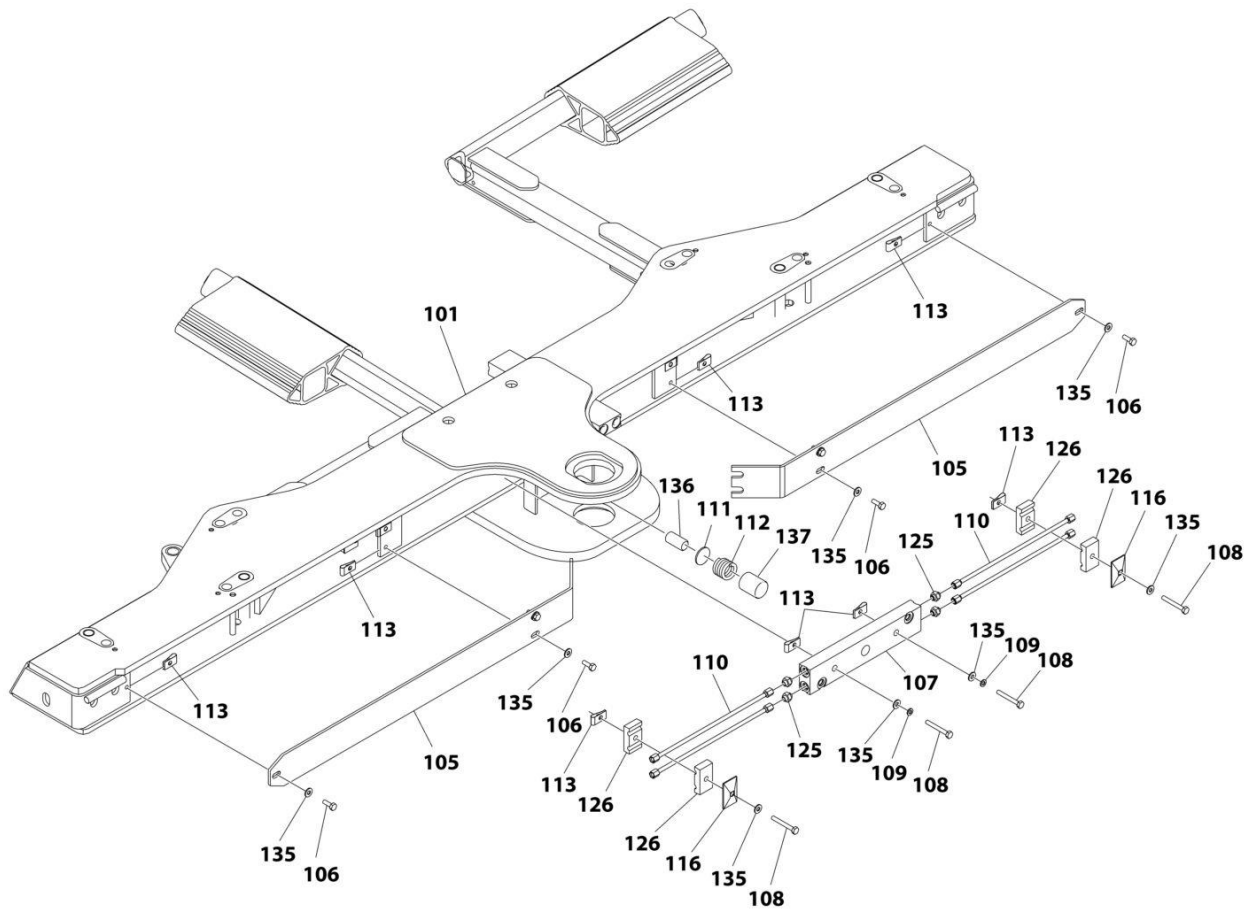
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FIGURE 3-11. GRID SYSTEM INSTALLATION - HYDRAULIC



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ART_1001204845_2OF2

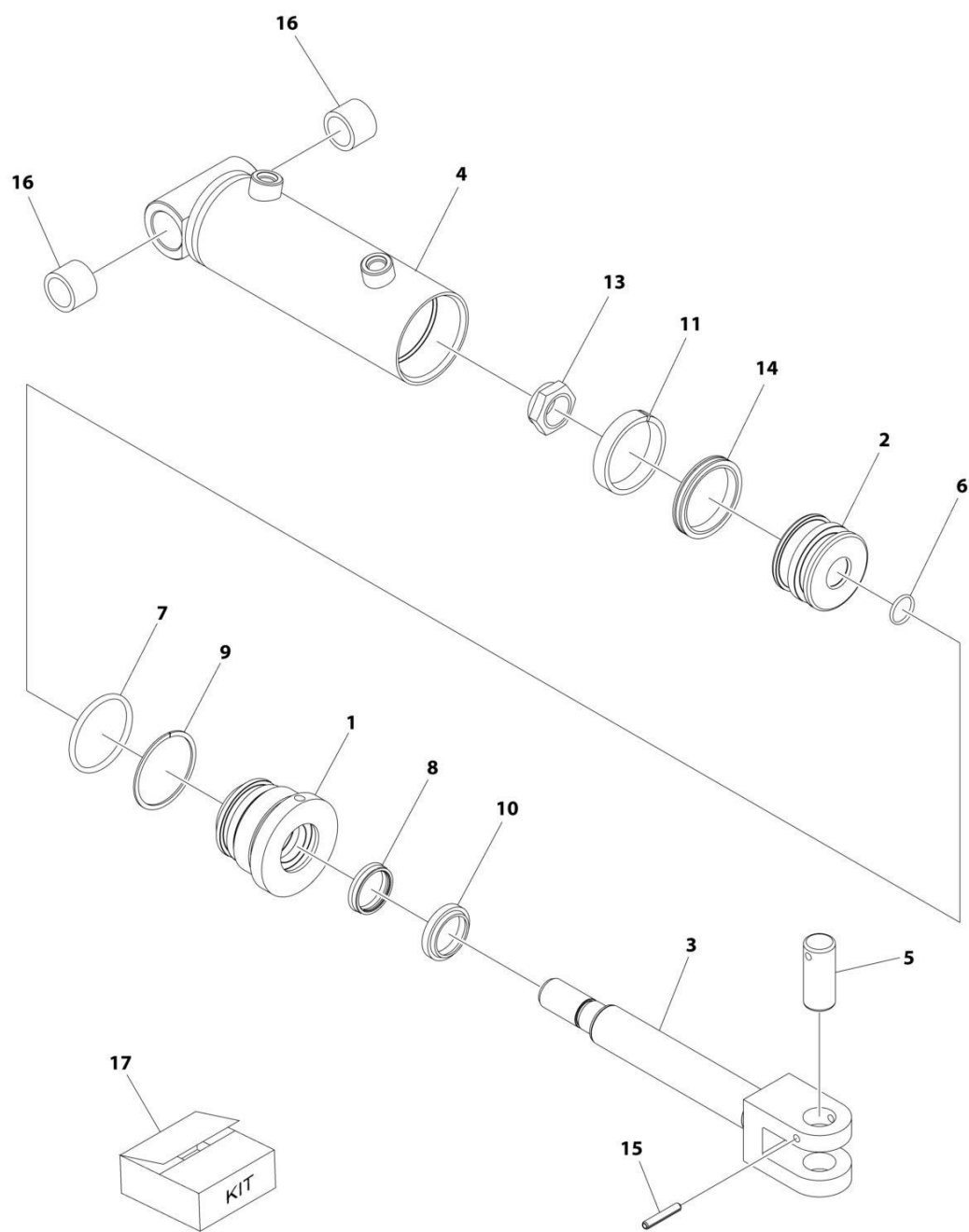
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FIGURE 3-11. GRID SYSTEM INSTALLATION - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204845	Ref	GRID SYSTEM INSTALLATION - HYDRAULIC	B
1	3509530098	1	Hose Installation - Hydraulic Grid (Not Shown - See Separate Breakdown in HYDRAULIC Section)	
2	1001205604	1	Grid Assembly - Hydraulic (See Items 101-139 for Breakdown)	
3	2178000053	1	Bracket, Storage	
4	1001137611	1	Control Installation - Hydraulic Grids (Not Shown - See Separate Breakdown in CONTROLS Section)	
	1001205604	Ref	Grid Assembly - Hydraulic	C
101	1001185808	1	Crosstube	
102	4691000198	1	Pin	
103	4949000047	2	Thrust Washer	
104	7754000024	1	Ring, Retaining	
105	1001220280	2	Plate, Cover	
106	0641406	6	Bolt 1/4 x 3/4	
107	4619000013	1	Manifold, Hydraulic	
108	0641416	4	Bolt 1/4 x 2	
109	4761400	2	Washer 1/4	
110	7912000184	4	Tube	
111	4831000095	1	Spacer	
112	7843000037	1	Spring	
113	7661000064	10	U-Nut	
114	7320000064	2	Cylinder Assembly - Hydraulic Grid (See Separate Breakdown in this Section)	
115	3691000229	4	Pin	
116	7274000039	2	Cover, Clamp	
117	3592000052	2	Link	
118	1001137904	6	Bolt 5/16 x 1-1/4	
119	3592000051	2	Link	
120	4706003497	2	Plate	
121	3760351	4	Ring Retaining	
122	3020000124	1	Arm (LH)	
123	3020000125	1	Arm (RH)	
124	3691000230	2	Pin	
125	2220415	4	Fitting, Straight JIC/ORB	
126	7274000086	4	Clamp	
127	8411080091	2	Extrusion, L-Arm	
128	3271505	6	Nut 5/16 Grade 8	
129	7330000599	4	Decal - Warning Pinch Point	
130	7330000036	1	Decal - Warning Secure Vehicle	
131	7577000367	1	Kit, Strap (Not Shown)	
132	7253000002	1	Cap, Grease Fitting	
133	7330000609	1	Decal - Grease Required	
134	88671008	1	Fitting, Grease	
135	4711400	10	Washer 1/4	
136	7786000009	1	Setscrew 3/4 x 1-1/2	
137	4064000052	1	Bar	
138	3020039	AR	Lubricant	
139	3020029	AR	Lubricant	

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FIGURE 3-12. CYLINDER ASSEMBLY - EXTEND/RETRACT (GRID)



ART_7320000064

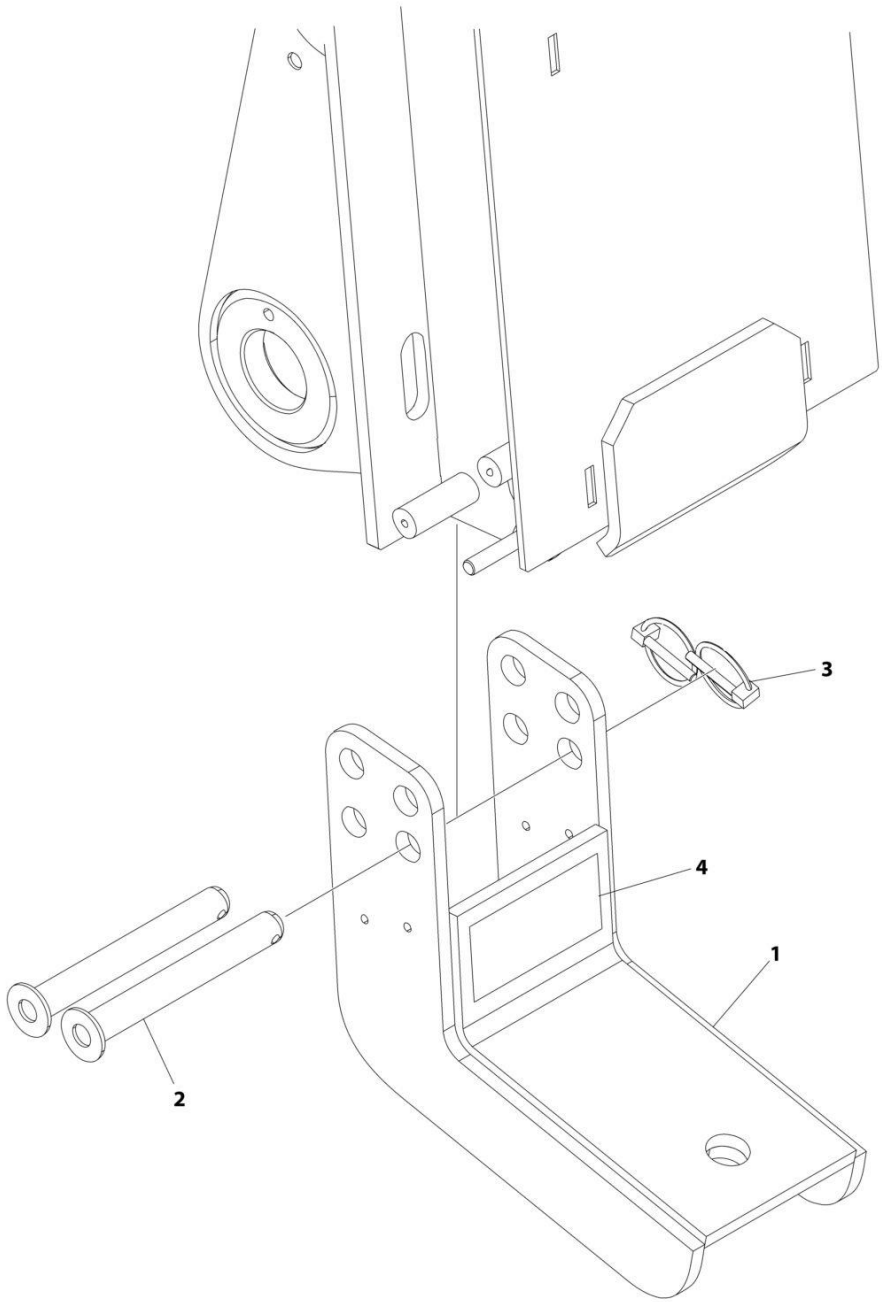
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FIGURE 3-12. CYLINDER ASSEMBLY - EXTEND/RETRACT (GRID)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000064	Ref	CYLINDER ASSEMBLY	B
1	7027336	1	Gland	
2	7027338	1	Piston	
3	70050632	1	Rod Assembly	
4	70050633	1	Barrel Assembly	
5	70050634	1	Retention Pin	
6	70050635	1	O-Ring	
7	70050636	1	O-Ring	
8	70050637	1	Rod Seal	
9	70050638	1	Backup Ring	
10	70050639	1	Rod Wiper	
11	70050640	1	Wear Ring	
12	70050641	2	Plug	
13	70050642	1	Nut 3/4	
14	70050643	1	Piston Seal	
15	70050644	1	Roll Pin	
16	7082000026	2	Bearing	
17	7027341	1	Seal Kit (includes items 6-11)	

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FIGURE 3-13. TOW BALL BRACKET INSTALLATION



ART_2178000048

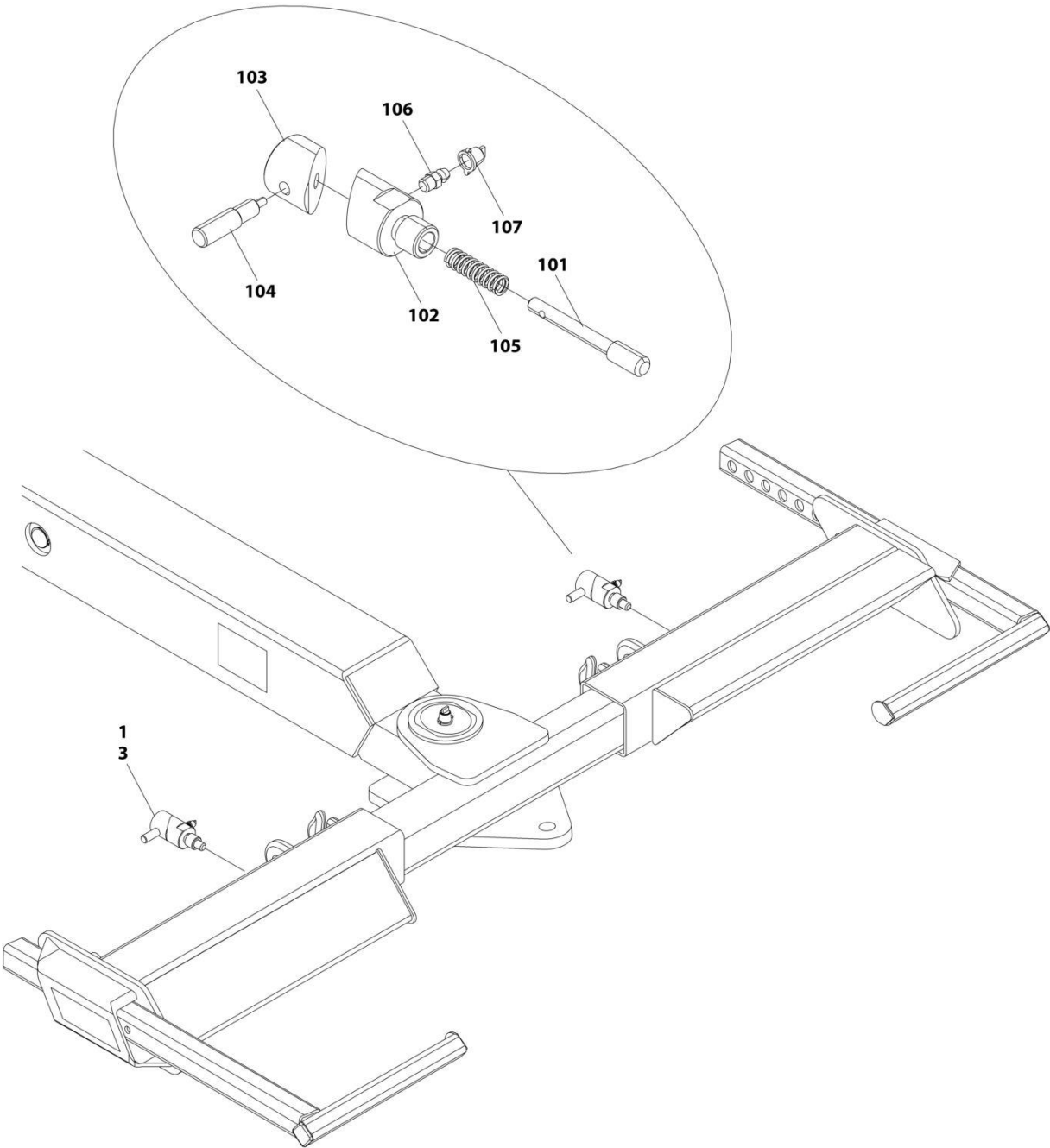
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FIGURE 3-13. TOW BALL BRACKET INSTALLATION

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

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FIGURE 3-14. WHEEL LIFT CROSSBAR CAM-LOCK



ART_1001160195

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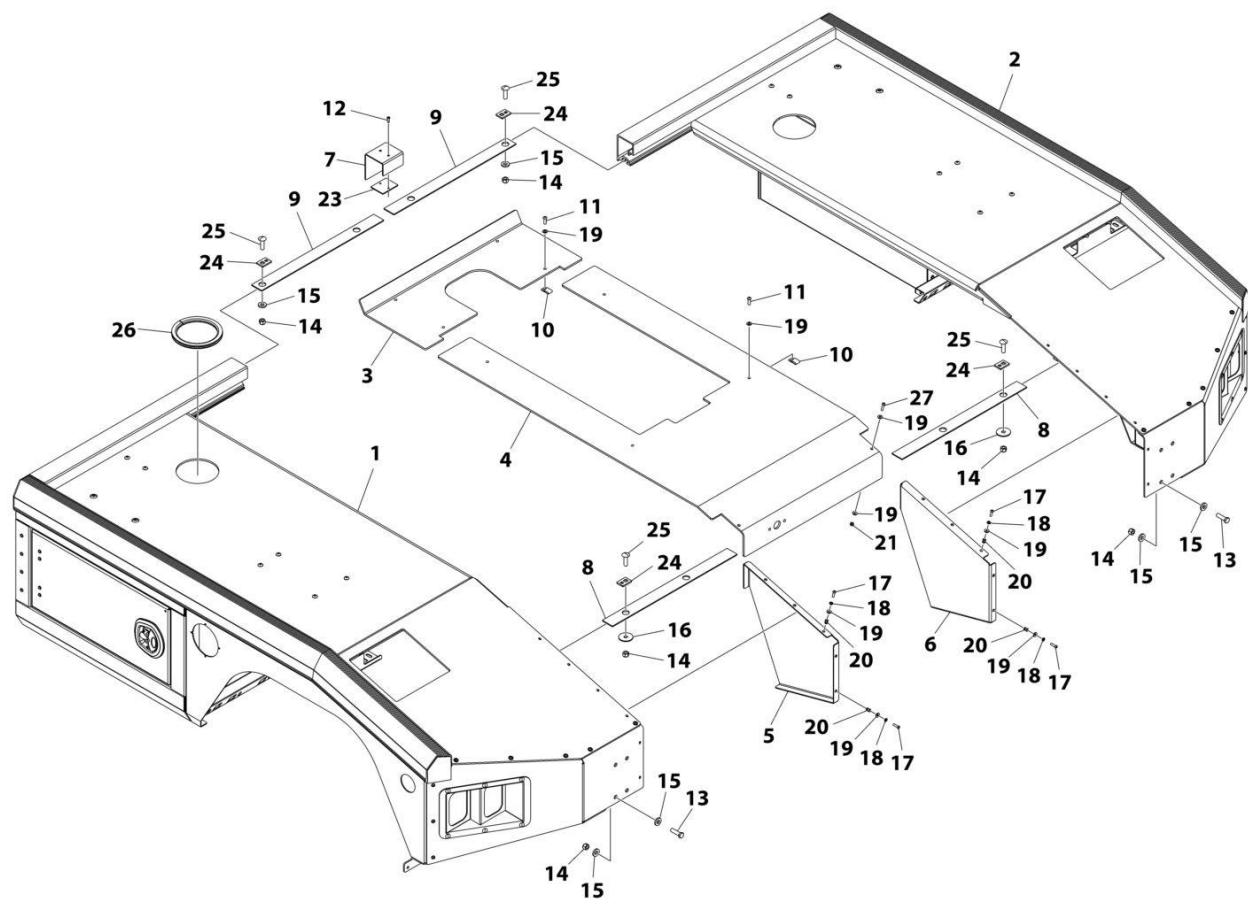
FIGURE 3-14. WHEEL LIFT CROSSBAR CAM-LOCK

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	

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FIGURE 4-1. BODY INSTALLATION (WITH FUEL FILLER IN DRIVERS SIDE)



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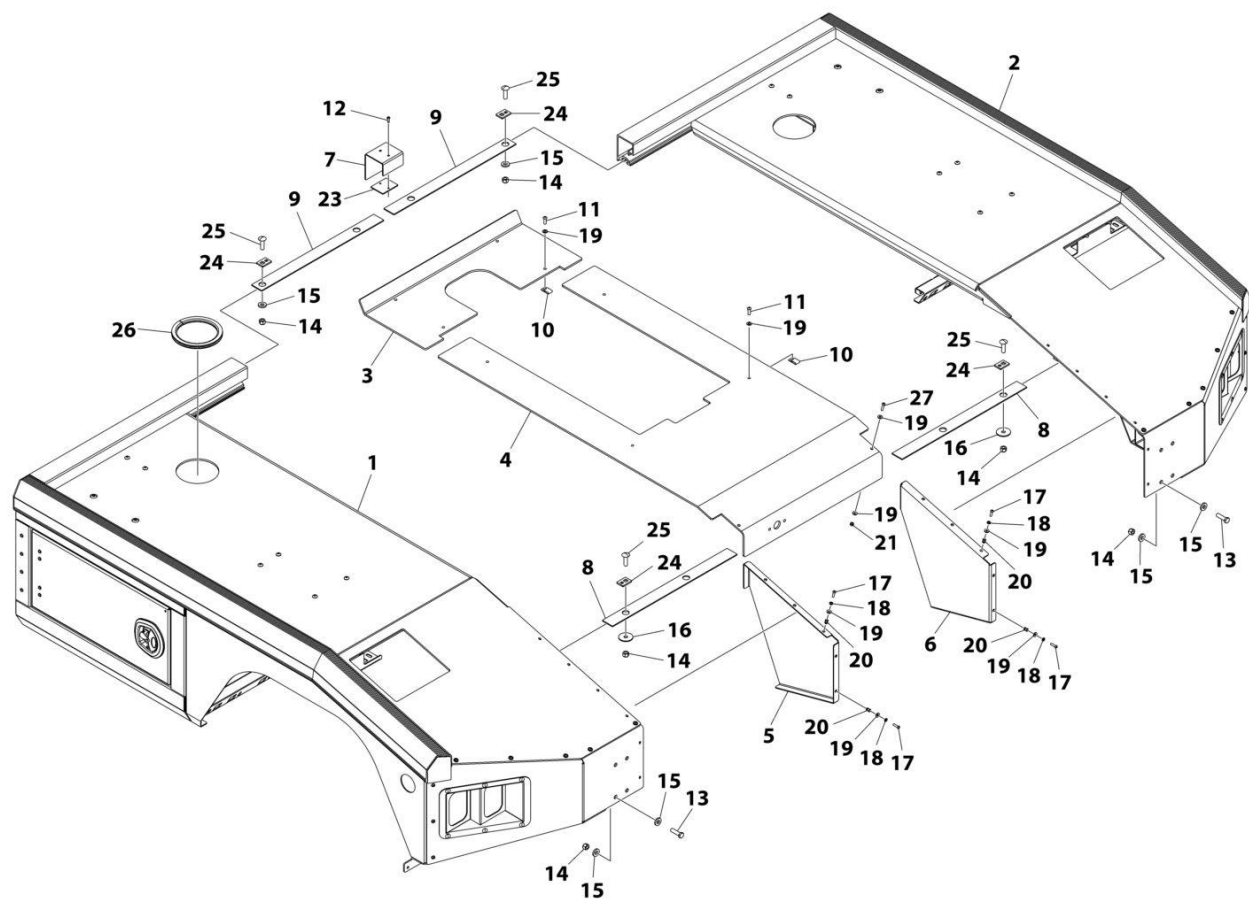
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FIGURE 4-1. BODY INSTALLATION (WITH FUEL FILLER IN DRIVERS SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208042	Ref	BODY INSTALLATION (WITH FUEL FILLER IN DRIVERS SIDE)	B
1	1001224947	1	Deck/Side Panel Assembly - LH (See Separate Breakdown in this Section)	
2	1001224948	1	Deck/Side Panel Assembly - RH (See Separate Breakdown in this Section)	
3	4314000089	1	Coverplate	
4	4314000090	1	Coverplate	
5	4811001158	1	Coverplate	
6	4811001159	1	Coverplate	
7	4314000175	1	Coverplate	
8	4090000010	2	Belt	
9	4090000011	2	Belt	
10	7661000029	8	Nut	
11	7114150818	8	Capscrew 5/16 x 1	
12	7120000046	2	Bolt 1/4 x 3/4	
13	0641814	8	Bolt 1/2 x 1-3/4	
14	7660182601	16	Nut 1/2	
15	4891800	20	Washer 1/2	
16	7949000015	4	Washer	
17	7114140818	10	Capscrew 1/4 x 1	
18	7950140003	10	Washer 1/4	
19	7950140143	20	Washer 1/4	
20	7413000002	10	Nut 1/4	
21	7660142601	2	Nut 1/4	
22	7796000012	12.5 ft	Seal (Not Shown)	
23	4706005751	1	Plate	
24	4706005695	8	Plate	
25	7115181464	8	Bolt 1/2 x 1-3/4	
26	8632000002	AR	Trim Lock	
27	7114141018	2	Capscrew 1/4 x 1-3/4	

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FIGURE 4-2. BODY INSTALLATION (WITHOUT FUEL FILLER IN BODY)



ART_1001208044

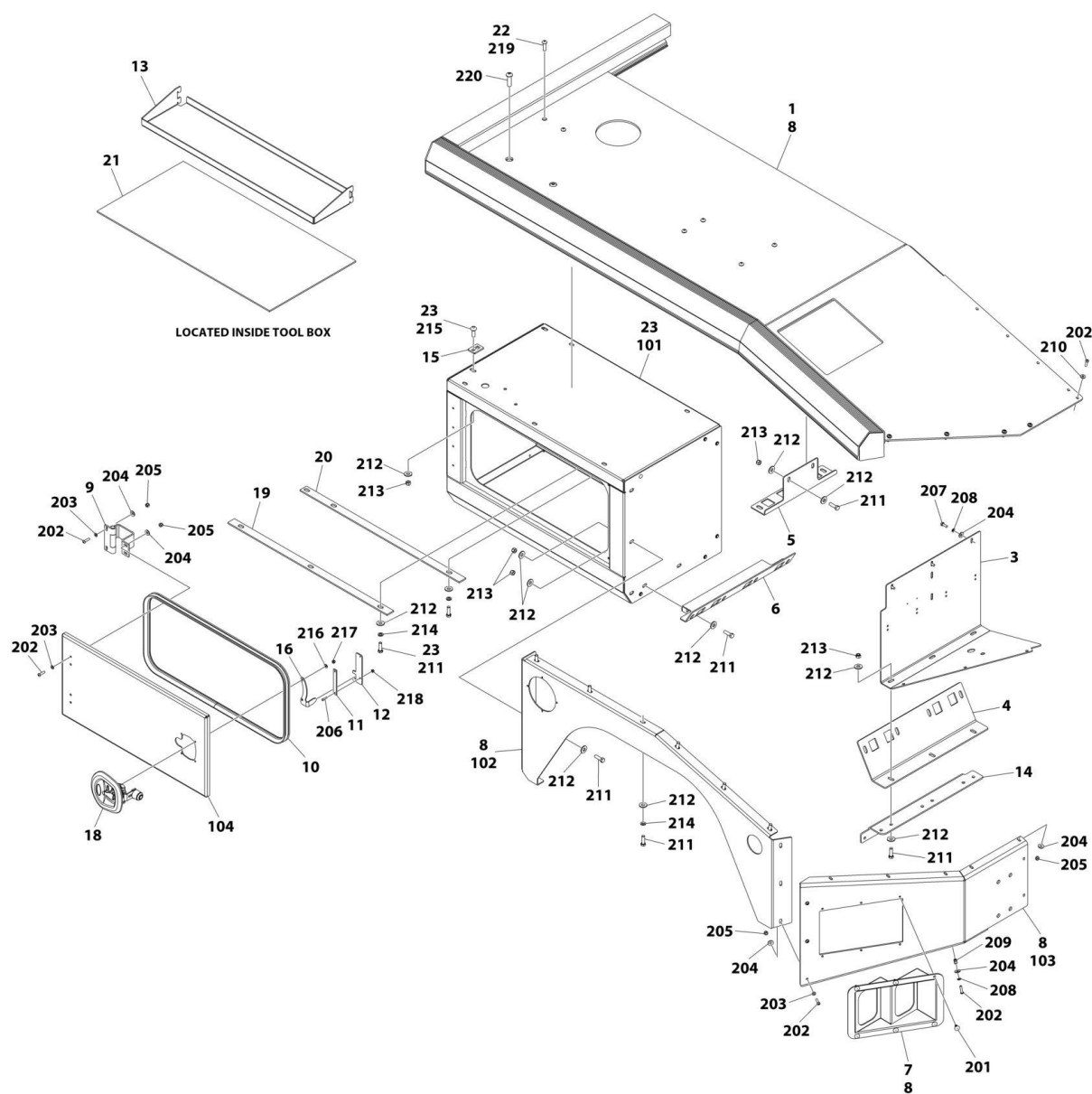
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FIGURE 4-2. BODY INSTALLATION (WITHOUT FUEL FILLER IN BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208044	Ref	BODY INSTALLATION (WITHOUT FUEL FILLER IN BODY)	B
1	1001224949	1	Deck/Side Panel Assembly - LH (See Separate Breakdown in this Section)	
2	1001224950	1	Deck/Side Panel Assembly - RH (See Separate Breakdown in this Section)	
3	4314000089	1	Coverplate	
4	4314000090	1	Coverplate	
5	4811001158	1	Coverplate	
6	4811001159	1	Coverplate	
7	4314000175	1	Coverplate	
8	4090000010	2	Belt	
9	4090000011	2	Belt	
10	7661000029	8	Nut	
11	7114150818	8	Capscrew 5/16 x 1	
12	7120000046	2	Bolt 1/4 x 3/4	
13	0641814	8	Bolt 1/2 x 1-3/4	
14	7660182601	16	Nut 1/2	
15	4891800	20	Washer 1/2	
16	7949000015	4	Washer	
17	7114140818	10	Capscrew 1/4 x 1	
18	7950140003	10	Washer 1/4	
19	7950140143	20	Washer 1/4	
20	7413000002	10	Nut 1/4	
21	7660142601	2	Nut 1/4	
22	7796000012	12.5 ft	Seal (Not Shown)	
23	4706005751	1	Plate	
24	4706005695	8	Plate	
25	7115181464	8	Bolt 1/2 x 1-3/4	
26	8632000002	AR	Trim Lock	
27	7114141018	2	Capscrew 1/4 x 1-3/4	

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FIGURE 4-3. DECK/SIDE PANEL ASSEMBLY – LH (BODY WITH FUEL FILLER IN DRIV



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FIGURE 4-3. DECK/SIDE PANEL ASSEMBLY – LH (BODY WITH FUEL FILLER IN DRIV

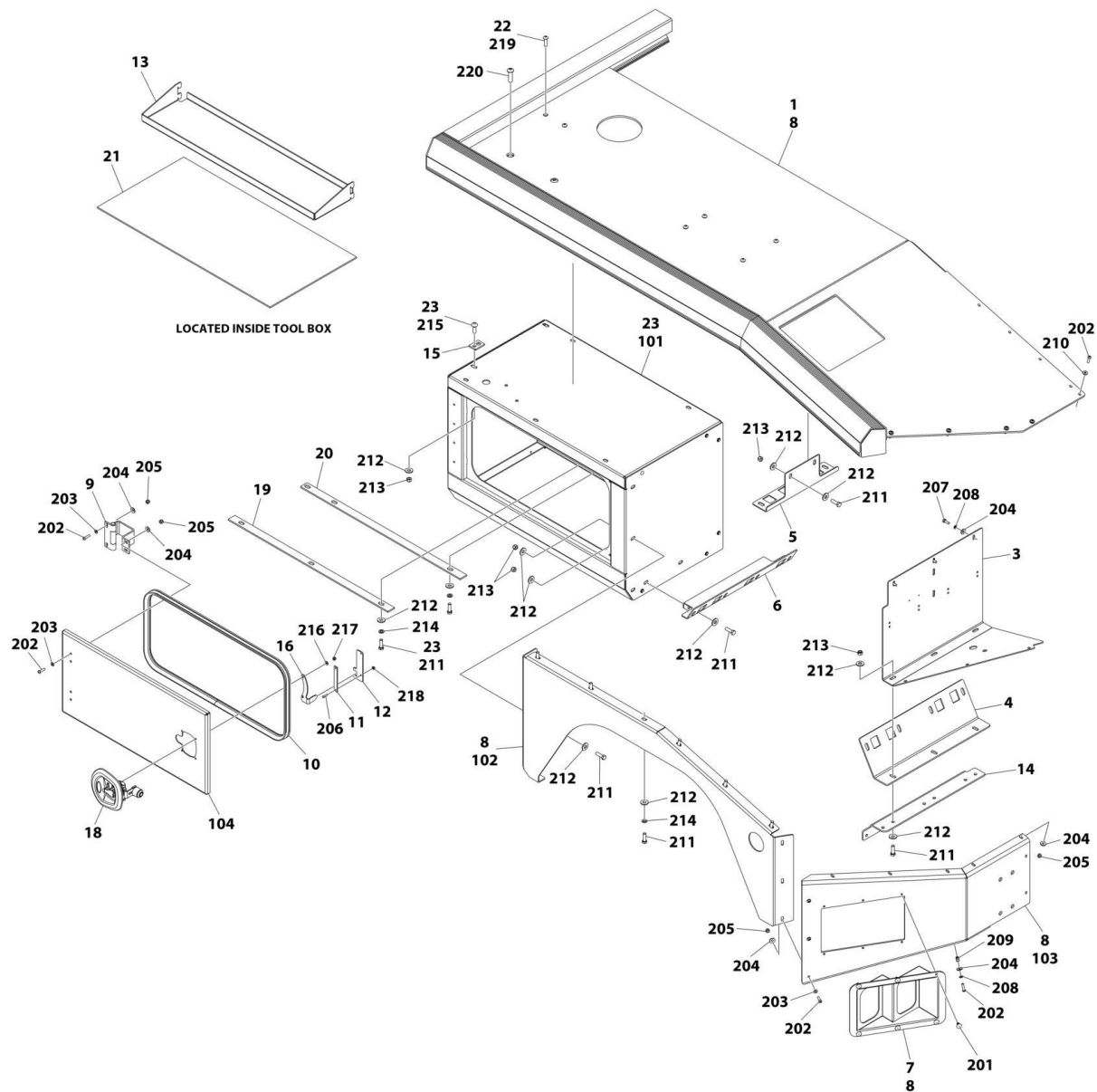
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224947	Ref	DECK/SIDE PANEL ASSEMBLY - LH (BODY WITH FUEL FILLER IN DRIVERS SIDE)	A
1	1001136268	1	Deck Weldment LH	
2	1001225784	Ref	Body Panel Kit (Not Shown) (See Items 101-104 for Breakdown)	
3	4314000091	1	Cover Plate	
4	4178000744	1	Bracket	
5	4178000577	1	Bracket	
6	4811000840	1	Plate	
7	7571000002	1	Tail Light Housing	
8	7796000012	AR	Seal	
9	7555000012	2	Hinge	
10	4632000050	1	Seal	
11	4062000569	1	Bar	
12	1001224954	1	Plate	
13	4811000823	1	Plate	
14	4178000746	1	Bracket	
15	4706005695	2	Plate	
16	1001224955	1	Plate	
17	1001224968	Ref	Bolt Kit (Not Shown) (See Items 201-220 for Breakdown)	
18	1001223814	1	Latch	
19	1001130992	1	Plate	
20	1001130993	1	Plate	
21	4679000252	1	Pad	
22	3020039	AR	Moly Paste	
23	8798820001	AR	Sealant	
	1001225784	Ref	BODY PANEL KIT	A
101	3899000119	1	Toolbox LH	
102	1001190936	1	Panel, Wheel Opening	
103	1001190939	1	Panel, Tail Light	
104	1001224953	1	Door	
	1001224968	Ref	BOLT KIT	A
201	7413000013	6	Push Fastener	
202	7114140818	19	Capscrew 1/4 x 1	
203	7949000056	11	Washer 1/2	
204	4751400	22	Washer 1/4	
205	7660142601	16	Nut 1/4	
206	7114080618	2	Screw #8 x 3/4	
207	0641406	3	Bolt 1/4 x 3/4	
208	4761400	6	Washer 1/4	
209	7413000002	3	Nut 1/4	
210	7950140143	5	Washer 1/4	
211	0641610	21	Bolt 3/8 x 1-1/4	
212	4751600	33	Washer 3/8	
213	3300492	12	Nut 3/8	
214	4761600	11	Washer 3/8	
215	7115161064	12	Bolt 3/8 x 1-1/4	
216	7950100143	4	Washer 0.19	
217	3300455	4	Nut 10	
218	7660082604	2	Nut #8	
219	7114161018	6	Capscrew 3/8	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
220	7114181418	2	Capscrew 1/2 x 1-3/4	

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FIGURE 4-4. DECK/SIDE PANEL ASSEMBLY – LH (BODY WITHOUT FUEL FILLER)



ART_1001224949

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FIGURE 4-4. DECK/SIDE PANEL ASSEMBLY – LH (BODY WITHOUT FUEL FILLER)

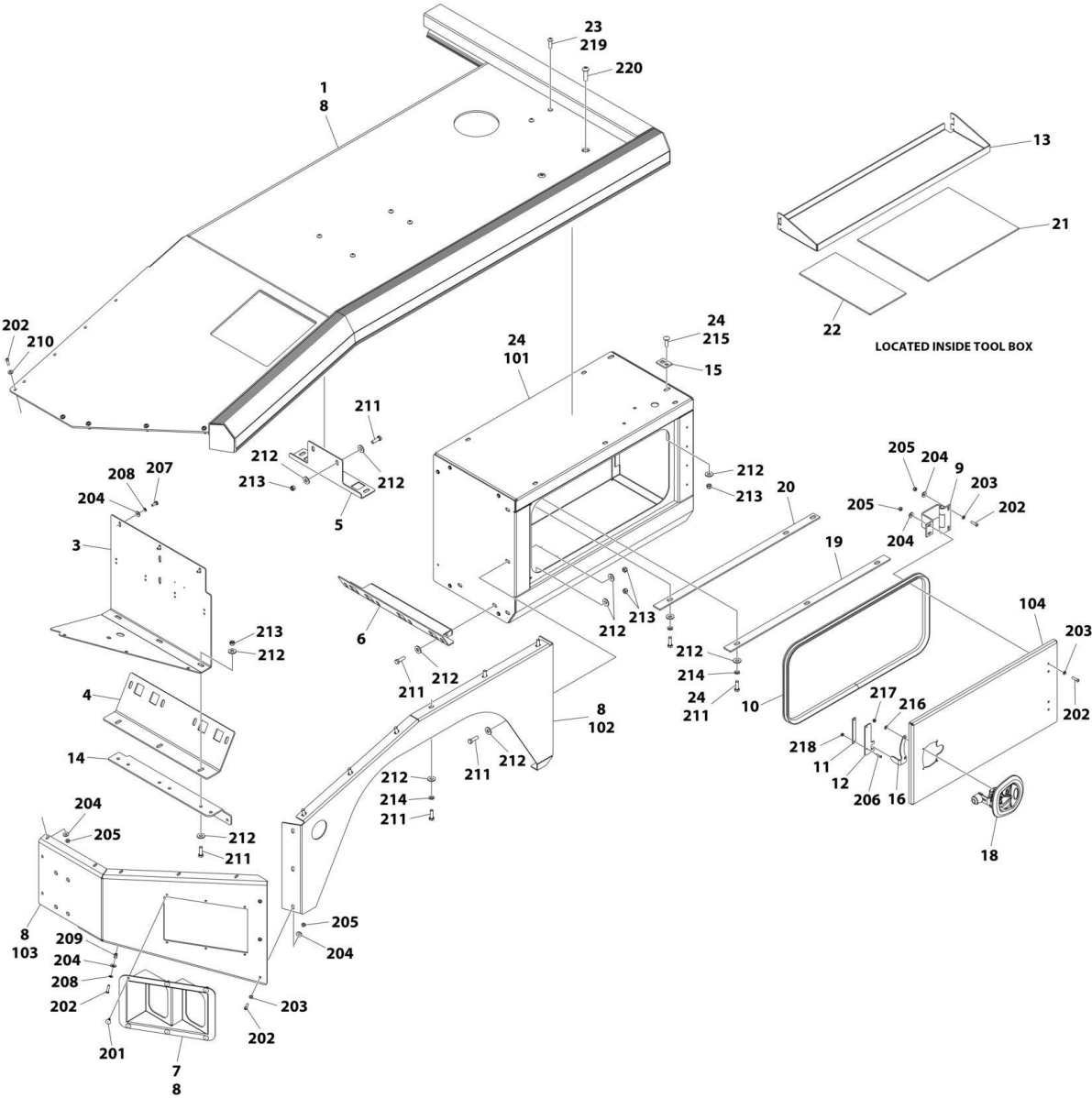
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224949	Ref	DECK/SIDE PANEL ASSEMBLY - LH (BODY WITHOUT FUEL FILLER IN BODY)	A
1	1001136268	1	Deck Weldment LH	
2	1001225786	Ref	Body Panel Kit (Not Shown) (See Items 101-104 for Breakdown)	
3	4314000091	1	Cover Plate	
4	4178000744	1	Bracket	
5	4178000577	1	Bracket	
6	4811000840	1	Plate	
7	7571000002	1	Tail Light Housing	
8	7796000012	AR	Seal	
9	7555000012	2	Hinge	
10	4632000050	1	Seal	
11	4062000569	1	Bar	
12	1001224954	1	Plate	
13	4811000823	1	Plate	
14	4178000746	1	Bracket	
15	4706005695	2	Plate	
16	1001224955	1	Plate	
17	1001224968	Ref	Bolt Kit (Not Shown) (See Items 201-220 for Breakdown)	
18	1001223814	1	Latch	
19	1001130992	1	Plate	
20	1001130993	1	Plate	
21	4679000252	1	Pad	
22	3020039	AR	Moly Paste	
23	8798820001	AR	Sealant	
	1001225786	Ref	BODY PANEL KIT	A
101	3899000119	1	Toolbox LH	
102	1001207984	1	Panel, Wheel Opening	
103	1001190939	1	Panel, Tail Light	
104	1001224953	1	Door	
	1001224968	Ref	BOLT KIT	A
201	7413000013	6	Push Fastener	
202	7114140818	19	Capscrew 1/4 x 1	
203	7949000056	11	Washer 1/2	
204	4751400	22	Washer 1/4	
205	7660142601	16	Nut 1/4	
206	7114080618	2	Screw #8 x 3/4	
207	0641406	3	Bolt 1/4 x 3/4	
208	4761400	6	Washer 1/4	
209	7413000002	3	Nut 1/4	
210	7950140143	5	Washer 1/4	
211	0641610	21	Bolt 3/8 x 1-1/4	
212	4751600	33	Washer 3/8	
213	3300492	12	Nut 3/8	
214	4761600	11	Washer 3/8	
215	7115161064	2	Bolt 3/8 x 1-1/4	
216	7950100143	4	Washer 0.19	
217	3300455	4	Nut 10	
218	7660082604	2	Nut #8	
219	7114161018	6	Capscrew 3/8	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
220	7114181418	2	Capscrew 1/2 x 1-3/4	

SECTION 4 - BODY

FIGURE 4-5. DECK/SIDE PANEL ASSEMBLY – RH (BODY WITH FUEL FILLER IN



ART_1001224948

SECTION 4 - BODY

FIGURE 4-5. DECK/SIDE PANEL ASSEMBLY – RH (BODY WITH FUEL FILLER IN

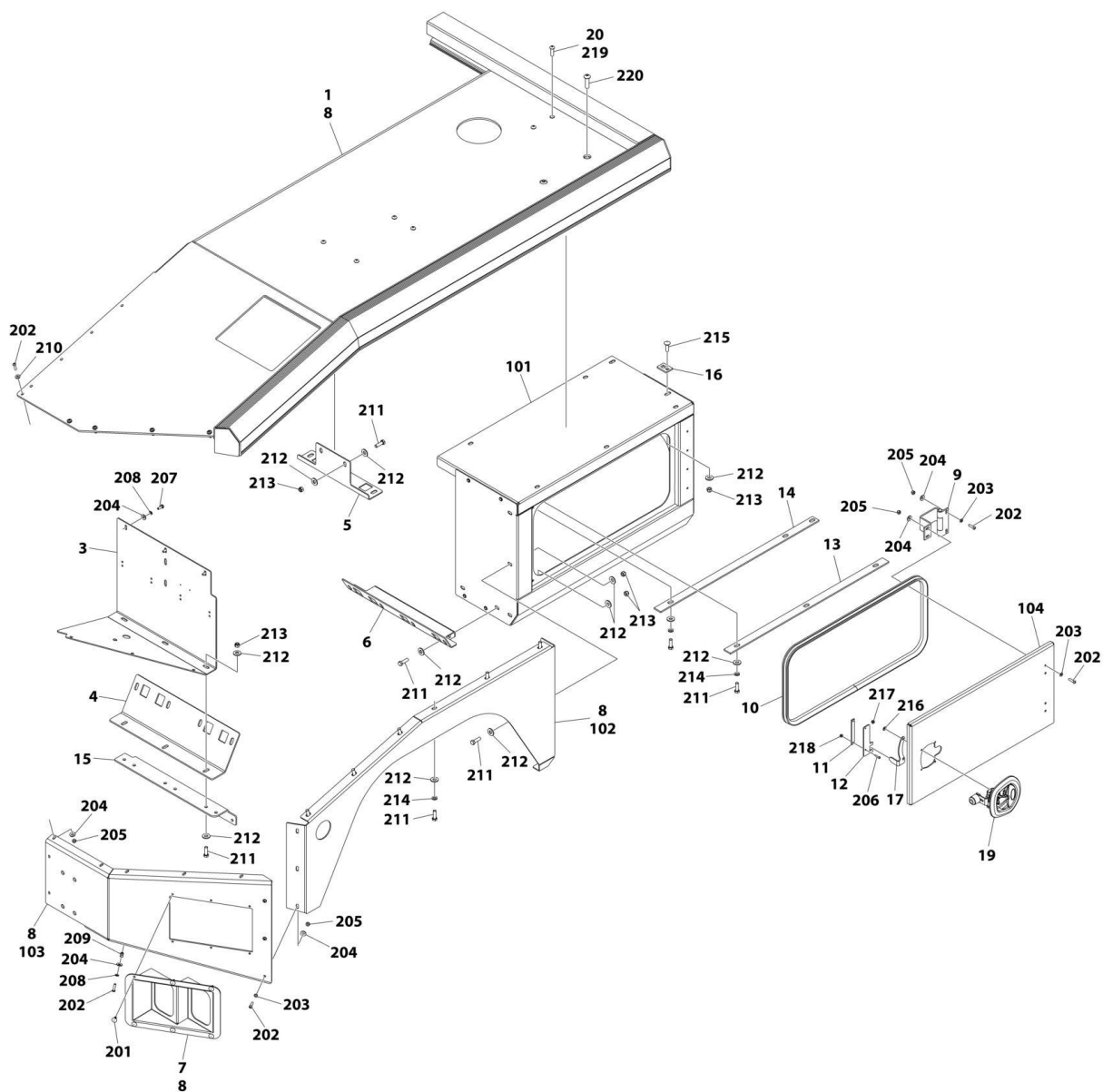
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224948	Ref	DECK/SIDE PANEL ASSEMBLY - RH (BODY WITH FUEL FILLER IN DRIVERS SIDE)	A
1	1001136269	1	Deck Weldment RH	
2	1001225785	Ref	Body Panel Kit (Not Shown) (See Items 101-104 for Breakdown)	
3	4314000092	1	Cover Plate	
4	4178000744	1	Bracket	
5	4178000577	1	Bracket	
6	4811000840	1	Plate	
7	7571000002	1	Tail Light Housing	
8	7796000012	AR	Seal	
9	7555000012	2	Hinge	
10	4632000050	1	Seal	
11	4062000569	1	Bar	
12	1001224954	1	Plate	
13	4811000823	1	Plate	
14	4178000745	1	Bracket	
15	4706005695	2	Plate	
16	1001224956	1	Plate	
17	1001224968	Ref	Bolt Kit (Not Shown) (See Items 201-220 for Breakdown)	
18	1001223814	1	Latch	
19	1001130992	1	Plate	
20	1001130993	1	Plate	
21	4679000295	1	Pad	
22	4679000294	1	Pad	
23	3020039	AR	Moly Paste	
24	8798820001	AR	Sealant	
	1001225785	Ref	BODY PANEL KIT	A
101	3899000120	1	Toolbox RH	
102	1001190937	1	Panel, Wheel Opening	
103	1001190941	1	Panel, Tail Light	
104	1001224953	1	Door	
	1001224968	Ref	BOLT KIT	A
201	7413000013	6	Push Fastener	
202	7114140818	19	Capscrew 1/4 x 1	
203	7949000056	11	Washer 1/2	
204	4751400	22	Washer 1/4	
205	7660142601	16	Nut 1/4	
206	7114080618	2	Screw #8 x 3/4	
207	0641406	3	Bolt 1/4 x 3/4	
208	4761400	6	Washer 1/4	
209	7413000002	3	Nut 1/4	
210	7950140143	5	Washer 1/4	
211	0641610	21	Bolt 3/8 x 1-1/4	
212	4751600	33	Washer 3/8	
213	3300492	12	Nut 3/8	
214	4761600	11	Washer 3/8	
215	7115161064	2	Bolt 3/8 x 1-1/4	
216	7950100143	4	Washer 0.19	
217	3300455	4	Nut 10	
218	7660082604	2	Nut #8	

SECTION 4 - BODY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
219	7114161018	6	Capscrew 3/8	
220	7114181418	2	Capscrew 1/2 x 1-3/4	

SECTION 4- BODY

FIGURE 4-6. DECK/SIDE PANEL ASSEMBLY – RH (BODY WITHOUT FUEL FILLER)



ART_1001224950

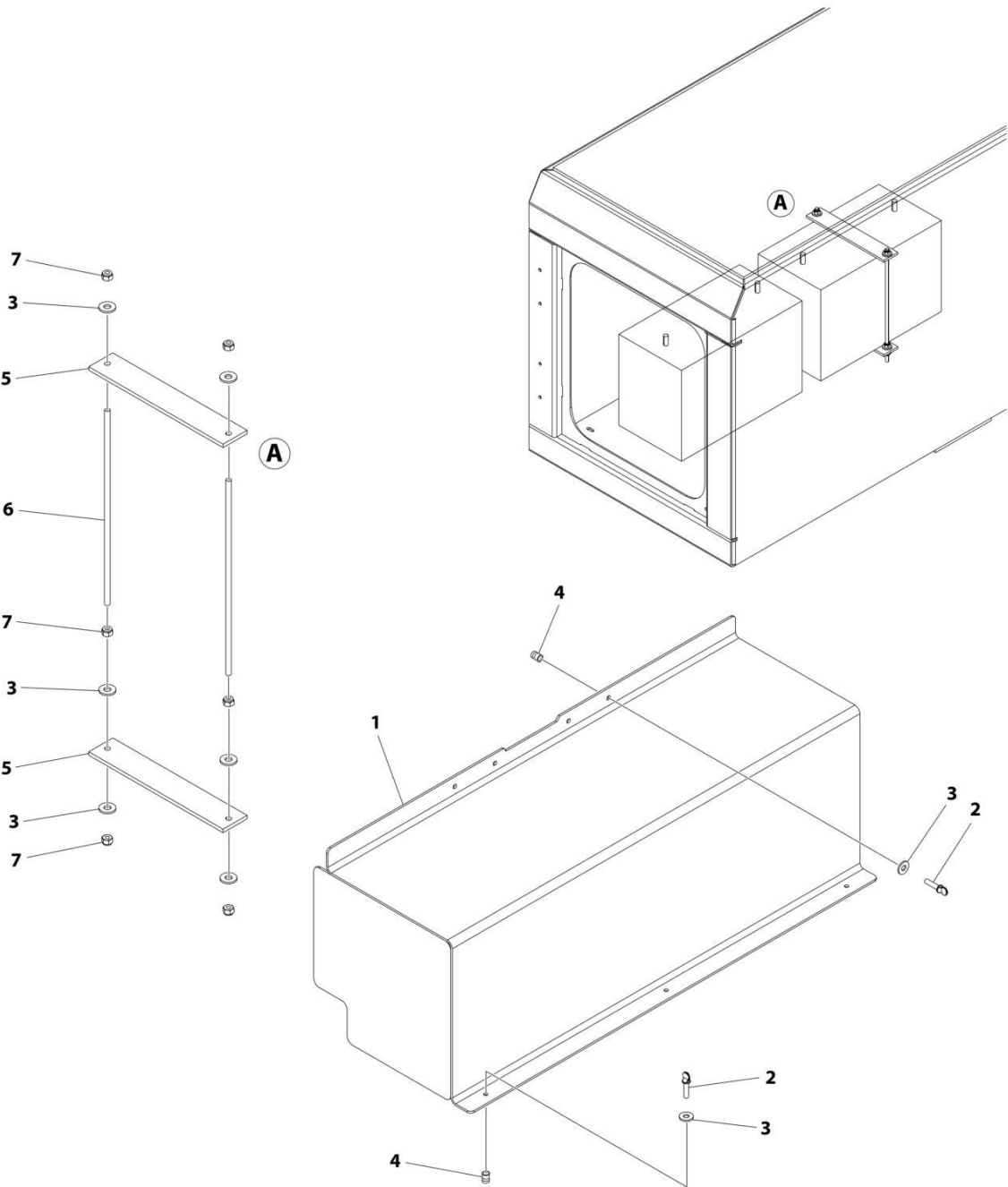
SECTION 4 - BODY

FIGURE 4-6. DECK/SIDE PANEL ASSEMBLY – RH (BODY WITHOUT FUEL FILLER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224950	Ref	DECK/SIDE PANEL ASSEMBLY - RH (BODY WITHOUT FUEL FILLER IN BODY)	A
1	1001136269	1	Deck Weldment RH	
2	1001225787	Ref	Body Panel Kit (Not Shown) (See Items 101-104 for Breakdown)	
3	4314000092	1	Cover Plate	
4	4178000744	1	Bracket	
5	4178000577	1	Bracket	
6	4811000840	1	Plate	
7	7571000002	1	Tail Light Housing	
8	7796000012	AR	Seal	
9	7555000012	2	Hinge	
10	4632000050	1	Seal	
11	4062000569	1	Bar	
12	1001224954	1	Plate	
13	1001130992	1	Plate	
14	1001130993	1	Plate	
15	4178000745	1	Bracket	
16	4706005695	1	Plate	
17	1001224956	1	Plate	
18	1001224968	Ref	Bolt Kit (Not Shown) (See Items 201-220 for Breakdown)	
19	1001223814	1	Latch	
20	3020039	AR	Moly Paste	
	1001225787	Ref	BODY PANEL KIT	A
101	3686000052	1	Toolbox RH	
102	1001190937	1	Panel, Wheel Opening	
103	1001190941	1	Panel, Tail Light	
104	1001224953	1	Door	
	1001224968	Ref	BOLT KIT	A
201	7413000013	6	Push Fastener	
202	7114140818	19	Capscrew 1/4 x 1	
203	7949000056	11	Washer 1/2	
204	4751400	22	Washer 1/4	
205	7660142601	16	Nut 1/4	
206	7114080618	2	Screw #8 x 3/4	
207	0641406	3	Bolt 1/4 x 3/4	
208	4761400	6	Washer 1/4	
209	7413000002	3	Nut 1/4	
210	7950140143	5	Washer 1/4	
211	0641610	21	Bolt 3/8 x 1-1/4	
212	4751600	33	Washer 3/8	
213	3300492	12	Nut 3/8	
214	4761600	11	Washer 3/8	
215	7115161064	12	Bolt 3/8 x 1-1/4	
216	7950100143	4	Washer 0.19	
217	3300455	4	Nut 10	
218	7660082604	2	Nut #8	
219	7114161018	6	Capscrew 3/8	
220	7114181418	2	Capscrew 1/2 x 1-3/4	

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FIGURE 4-7. COVER INSTALLATION - BATTERY (USED WITH 22IN TUNNEL)



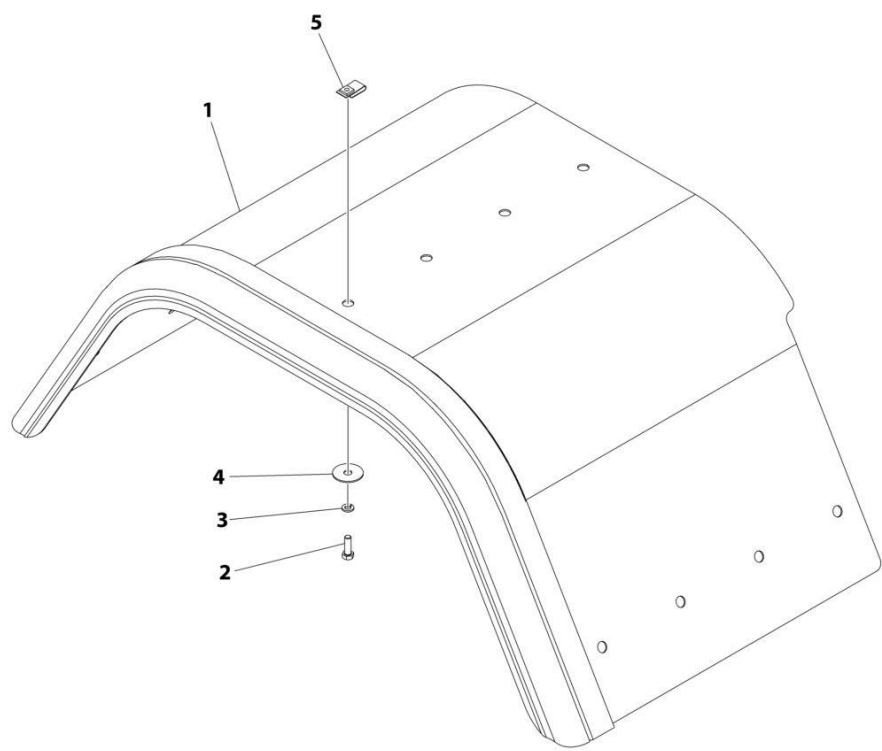
ART_2314000024

FIGURE 4-7. COVER INSTALLATION - BATTERY (USED WITH 22IN TUNNEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2314000024	Ref	COVER INSTALLATION - BATTERY (USED WITH 22IN TUNNEL)	0
1	3314000051	1	Coverplate	
2	7120000070	5	Screw 1/4 x 1	
3	7950140153	17	Washer 1/4	
4	7413000002	5	Nut 1/4	
5	4062000691	4	Bar	
6	4763000418	4	Rod, Threaded	
7	7660142604	12	Nut 1/4	
8	7493000022	2	Grommet	

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FIGURE 4-8. FENDER FLARE INSTALLATION (FORD F450-550/DODGE)



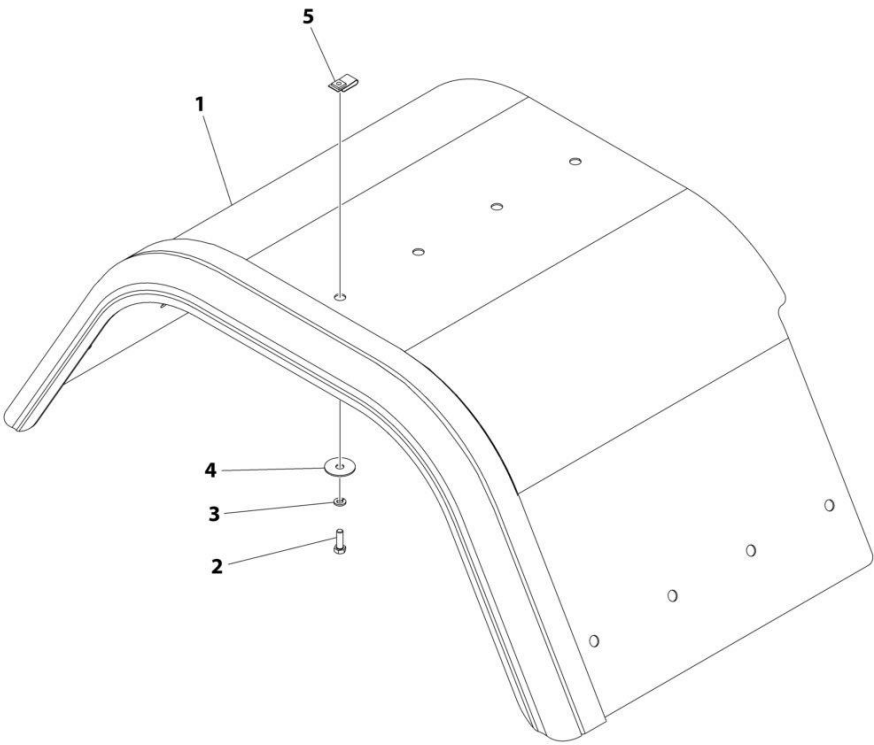
ART_2415000020

FIGURE 4-8. FENDER FLARE INSTALLATION (FORD F450-550/DODGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2415000020	Ref	FENDER FLARE INSTALLATION (FORD F450-550/DODGE)	A
1	7415000039	2	Fender	
2	7114150850	22	Bolt 5/16 x 1	
3	7950150000	22	Washer 5/16	
4	7949000055	22	Washer	
5	7661000029	22	Nut	

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FIGURE 4-9. FENDER FLARE INSTALLATION (FORD F350/GM)



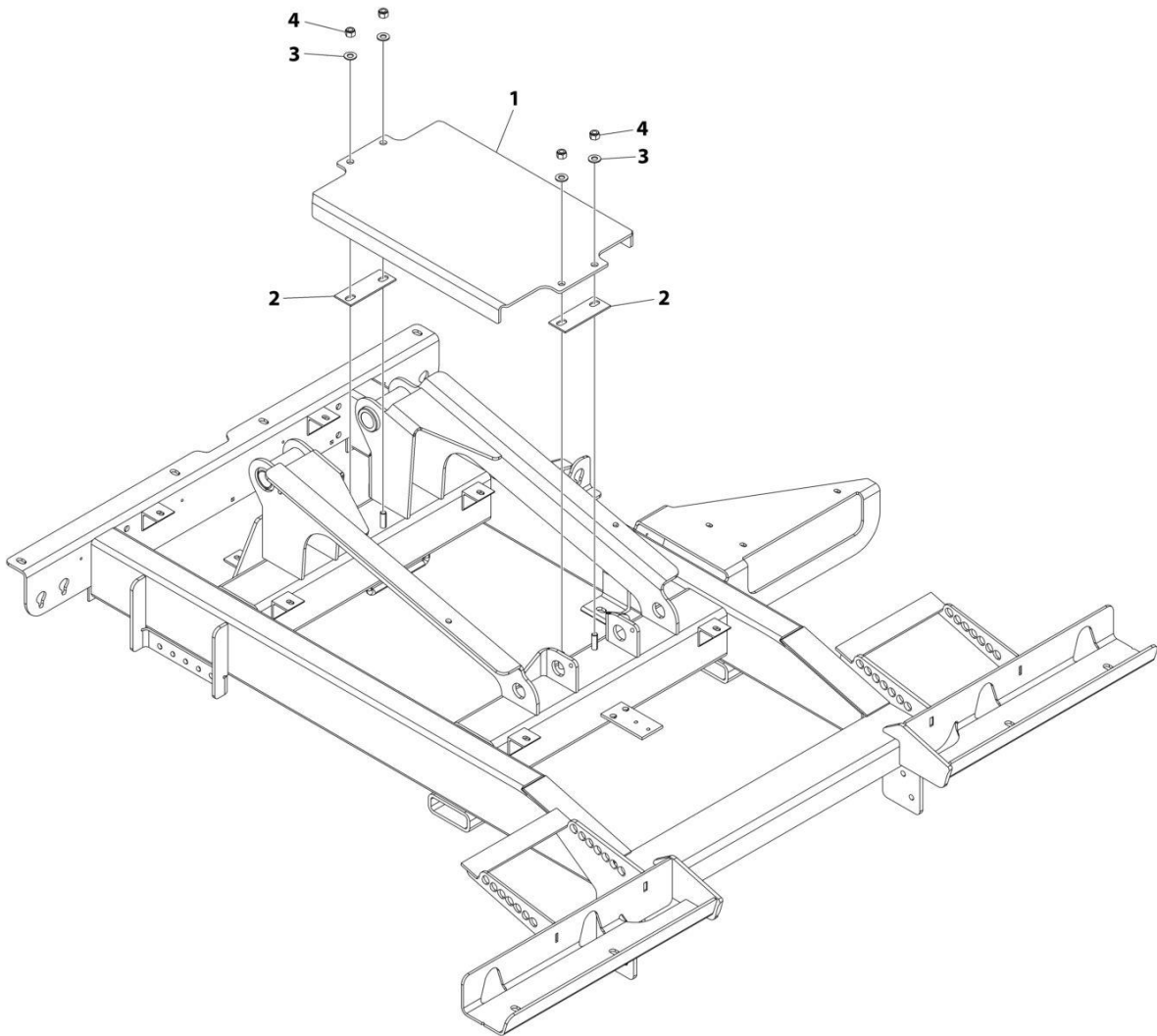
ART_2415000019

FIGURE 4-9. FENDER FLARE INSTALLATION (FORD F350/GM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2415000019	Ref	FENDER FLARE INSTALLATION (FORD F350/GM)	A
1	7415000038	2	Fender	
2	7114150850	22	Bolt 5/16 x 1	
3	7950150000	22	Washer 5/16	
4	7949000055	22	Washer	
5	7661000029	22	Nut	

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FIGURE 4-10. MID DECK COVER INSTALLATION



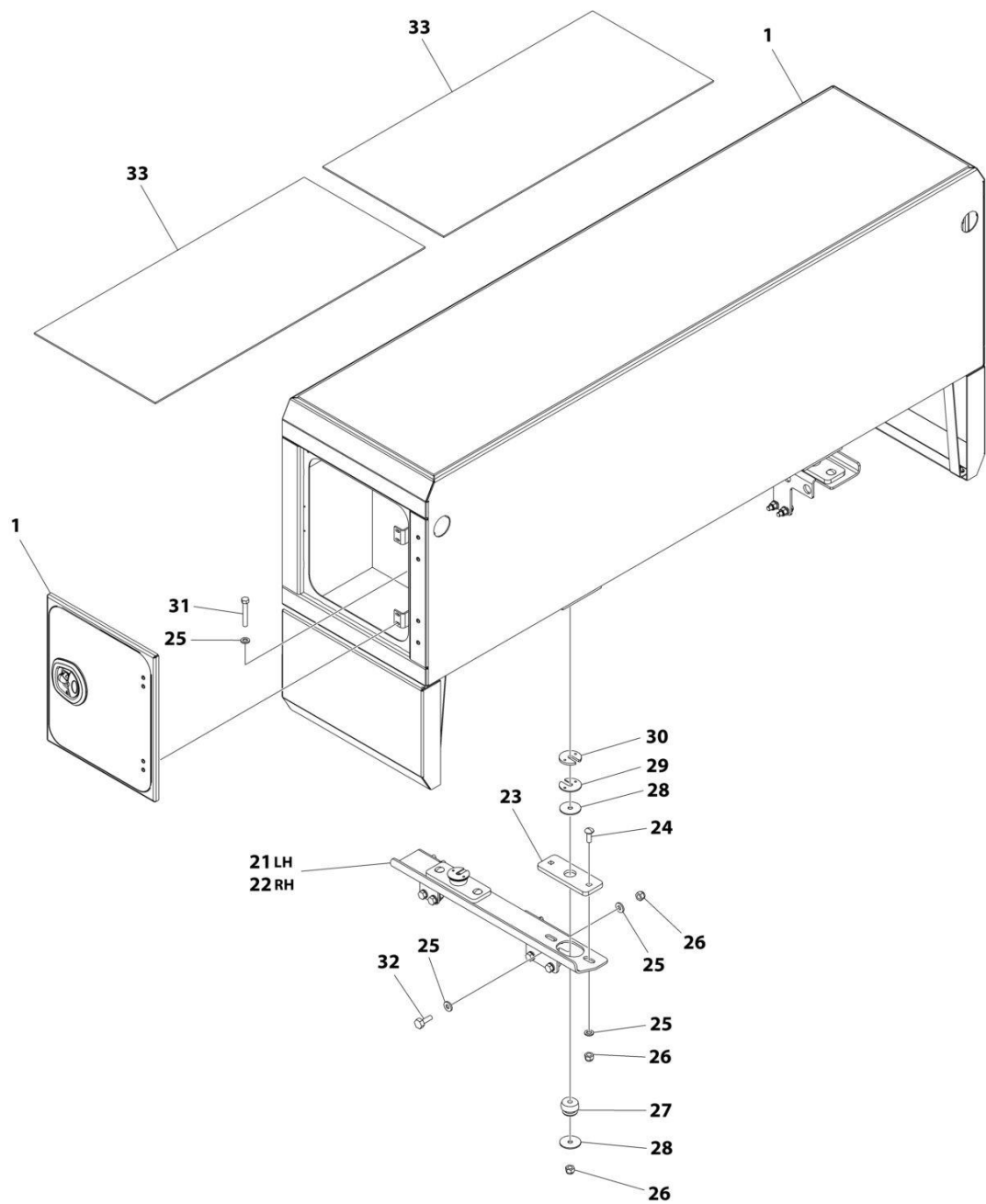
ART_2314000029

FIGURE 4-10. MID DECK COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2314000029	Ref	MID DECK COVER INSTALLATION	0
1	4314000205	1	Coverplate	
2	4090000008	2	Belt, Poly	
3	7950180141	4	Washer 1/2	
4	7660182601	4	Nut 1/2	

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FIGURE 4-11. TUNNEL INSTALLATION - 22IN STANDARD



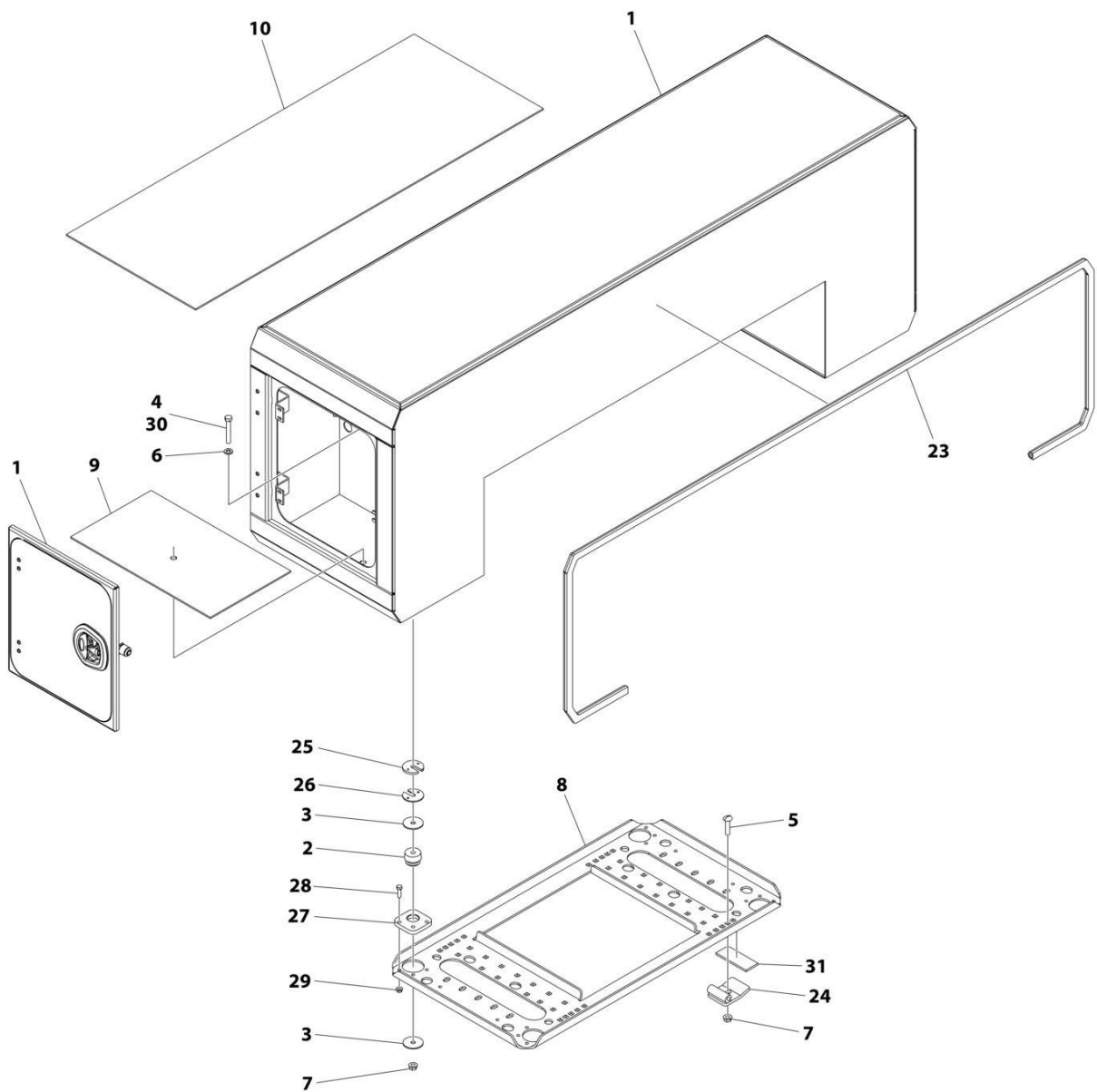
ART_2509740122

FIGURE 4-11. TUNNEL INSTALLATION - 22IN STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2509740122	Ref	TUNNEL INSTALLATION - 22IN STANDARD	C
1	1001225086	1	Tunnel Assembly (See Separate Breakdown in this Section)	
21	3899000149	1	Toolbox Mount	
22	3899000150	1	Toolbox Mount	
23	4706005838	4	Plate	
24	7115181264	8	Bolt 1/2 x 1-1/2	
25	4891800	44	Washer 1/2	
26	7660182601	28	Nut 1/2	
27	7636000005	4	Mount	
28	7949000013	8	Washer 2-3/8	
29	4812000107	AR	Shim	
30	4812000108	AR	Shim	
31	0641828	4	Bolt 1/2 x 3-1/2	
32	0641814	16	Bolt 1/2 x 1-3/4	
33	4679000288	2	Pad	
34	7796000078	12	Gasket (Not Shown)	

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FIGURE 4-12. TUNNEL INSTALLATION - 24IN STANDARD



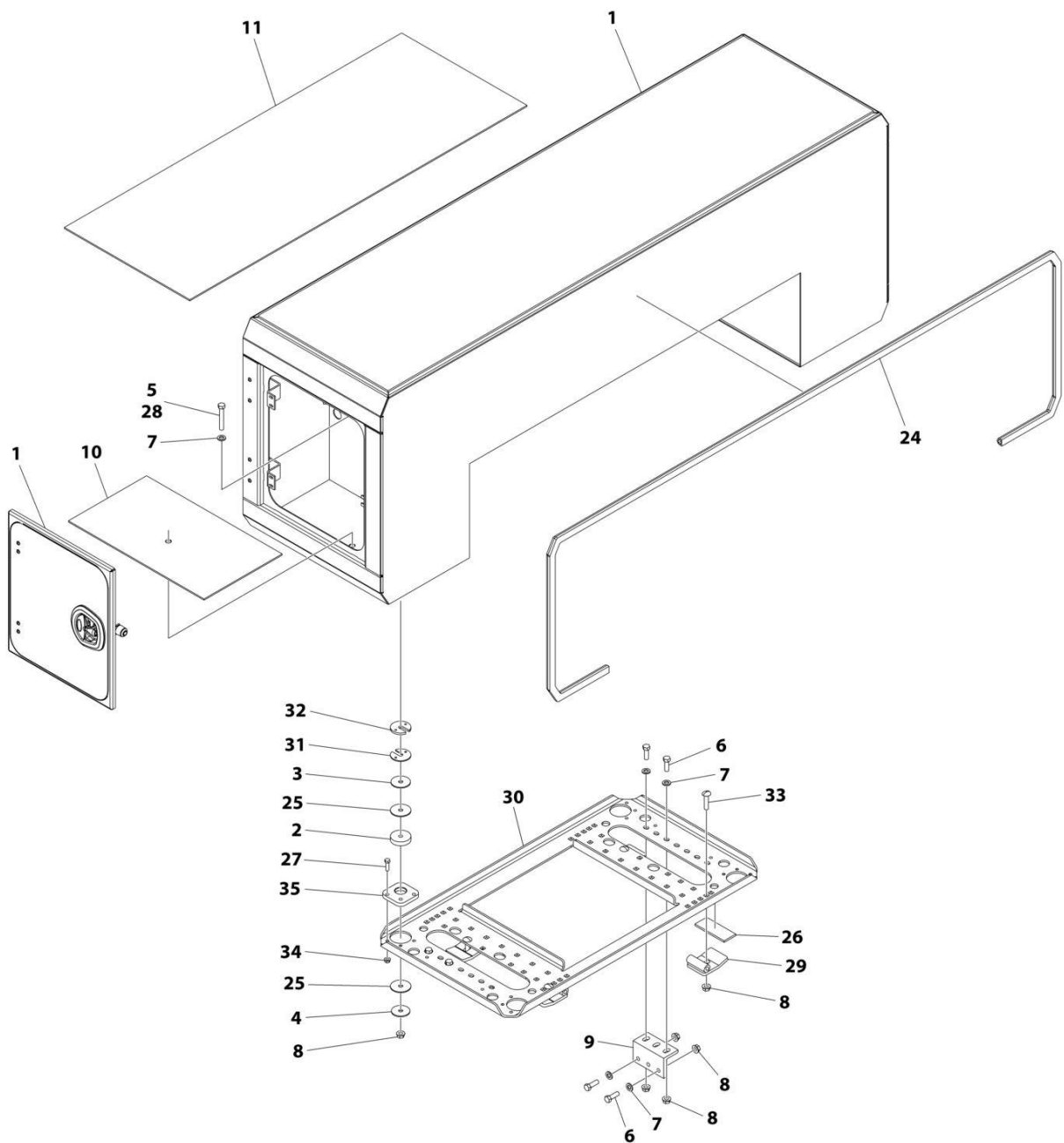
ART_2899000081

FIGURE 4-12. TUNNEL INSTALLATION - 24IN STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2899000081	Ref	TUNNEL INSTALLATION - 24IN STANDARD	F
1	1001225081	1	Tunnel Assembly (See Separate Breakdown in this Section)	
2	7636000005	4	Mount	
3	7949000013	8	Washer 2-3/8	
4	0641824	4	Bolt 1/2 x 3	
5	7115181864	4	Bolt 1/2 x 2-1/4	
6	7950180153	4	Washer 1/2	
7	7660182301	8	Nut 1/2	
8	4636000041	1	Plate	
9	4679000333	2	Pad	
10	4679000334	1	Pad	
23	7796000078	12.5 ft	Gasket	
24	1001220359	4	Clamp	
25	4812000108	4	Shim	
26	4812000107	4	Shim	
27	4706005869	4	Plate	
28	0641610	12	Bolt 3/8 x 1-1/4	
29	7660162301	12	Nut 3/8	
30	0641826	4	Bolt 1/2 x 3-1/4	
31	3340898	1	Pad	

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FIGURE 4-13. TUNNEL INSTALLATION - 24IN REINFORCED



ART_2550000517

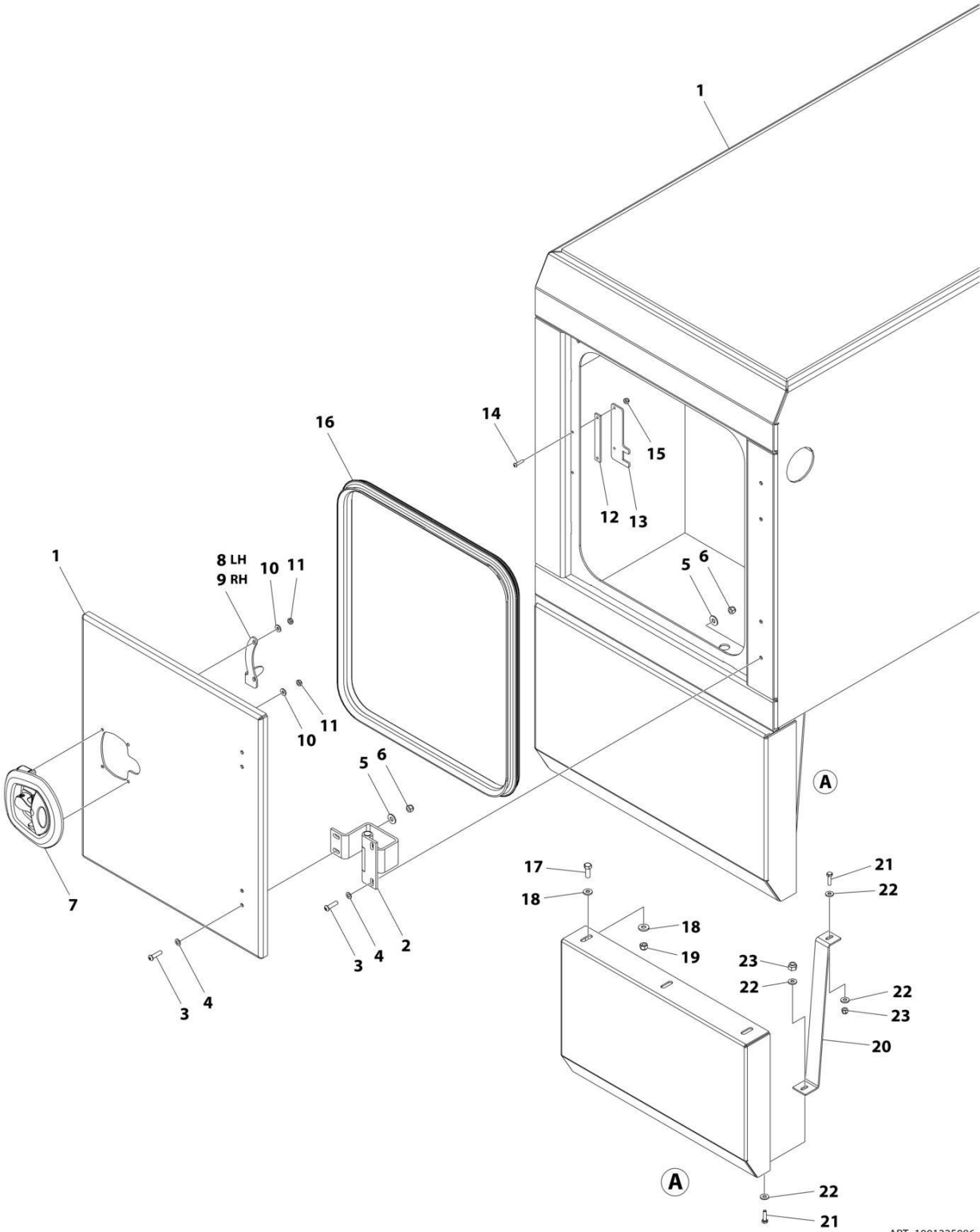
SECTION 4 - BODY

FIGURE 4-13. TUNNEL INSTALLATION - 24IN REINFORCED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2550000517	Ref	TUNNEL INSTALLATION - 24IN REINFORCED	F
1	1001225084	1	Tunnel Assembly (See Separate Breakdown in this Section)	
2	1001135107	4	Support, Adapter Tunnel Mount	
3	7949000013	4	Washer 2-3/8	
4	7949000012	4	Washer 2-1/2	
5	0641826	AR	Bolt 1/2 x 3-1/4	
6	0641812	8	Bolt 1/2 x 1-3/4	
7	7950180153	12	Washer 1/2	
8	7660182301	16	Nut 1/2	
9	4017001271	2	Angle	
10	4679000333	2	Pad	
11	4679000334	1	Pad	
24	7796000078	12.5 ft	Gasket	
25	1001135108	8	Pad	
26	3340898	1	Pad, Rubber	
27	0641610	12	Bolt 3/8 x 1-1/4	
28	0641824	4	Bolt 1/2 x 3	
29	1001220359	4	Clamp	
30	4636000041	1	Mount	
31	4812000107	AR	Shim	
32	4812000108	AR	Shim	
33	7115181864	4	Bolt 1/2 x 2-1/4	
34	7660162301	12	Nut 3/8	
35	4706005869	4	Plate	

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FIGURE 4-14. TUNNEL ASSEMBLY - 22IN STANDARD



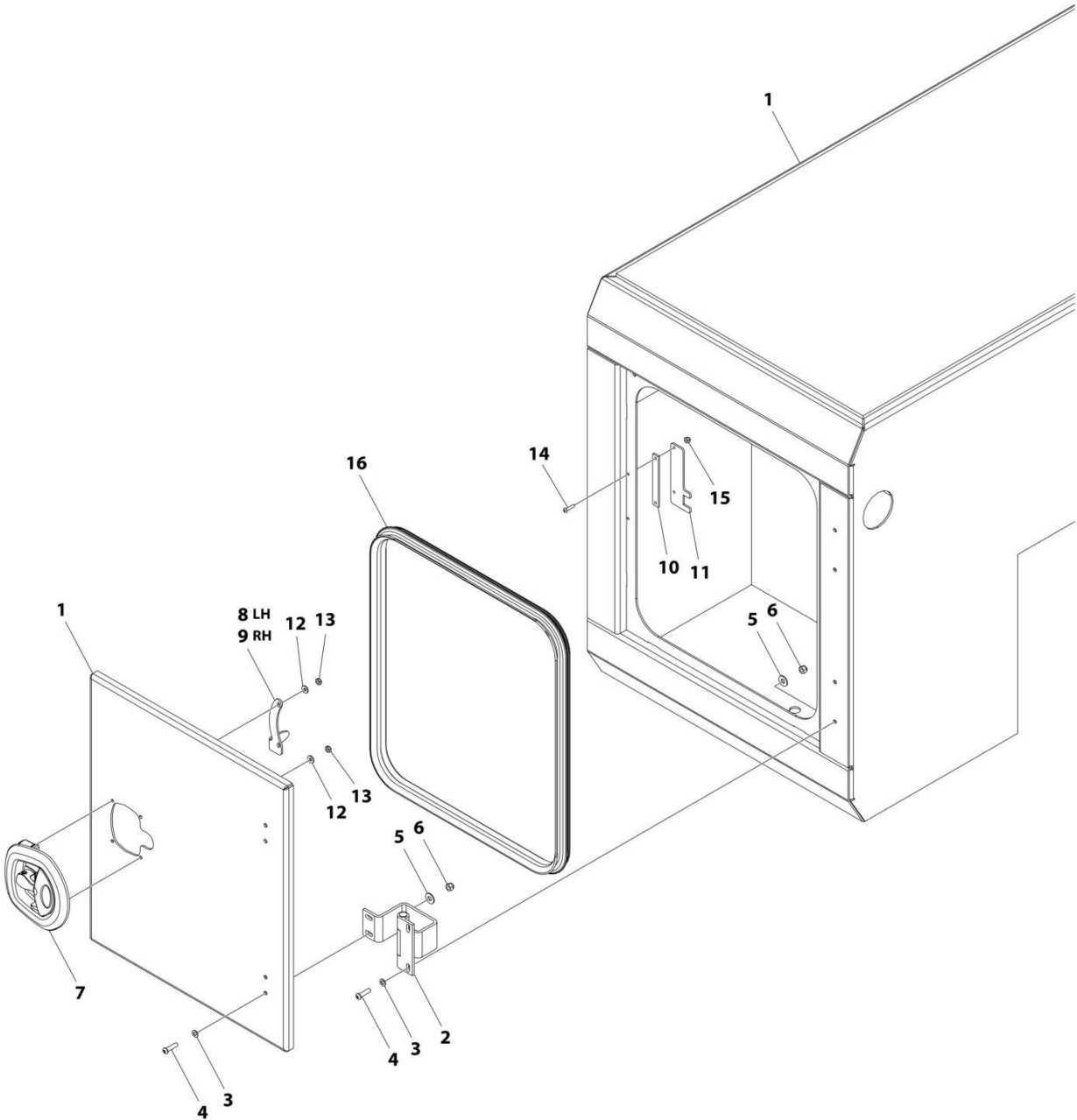
ART_1001225086

FIGURE 4-14. TUNNEL ASSEMBLY - 22IN STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225086	Ref	TUNNEL ASSEMBLY - 22IN STANDARD	A
1	1001225087	1	Tunnel Tool Box	
2	7555000012	4	Hinge	
3	7114140818	16	Capscrew 1/4 x 1	
4	7949000056	16	Washer 1/4	
5	4751400	16	Washer 1/4	
6	7660142601	16	Nut 1/4	
7	1001223814	2	Latch	
8	1001224955	1	Plate, Door Alignment LH	
9	1001224956	1	Plate, Door Alignment RH	
10	7950100143	4	Washer 3/16	
11	3300455	4	Nut	
12	4062000569	2	Bar	
13	1001224954	2	Plate	
14	7114080618	4	Screw #8 x 3/4	
15	7660082604	4	Nut #8	
16	4632000053	2	Seal	
17	0641608	6	Bolt 3/8 x 1	
18	7950160153	12	Washer 3/8	
19	3300492	6	Nut 3/8	
20	4178000742	4	Bracket	
21	0641408	8	Bolt 1/4 - 1	
22	7950140143	16	Washer 1/4	
23	7660142601	8	Nut 1/4	

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FIGURE 4-15. TUNNEL ASSEMBLY - 24IN STANDARD



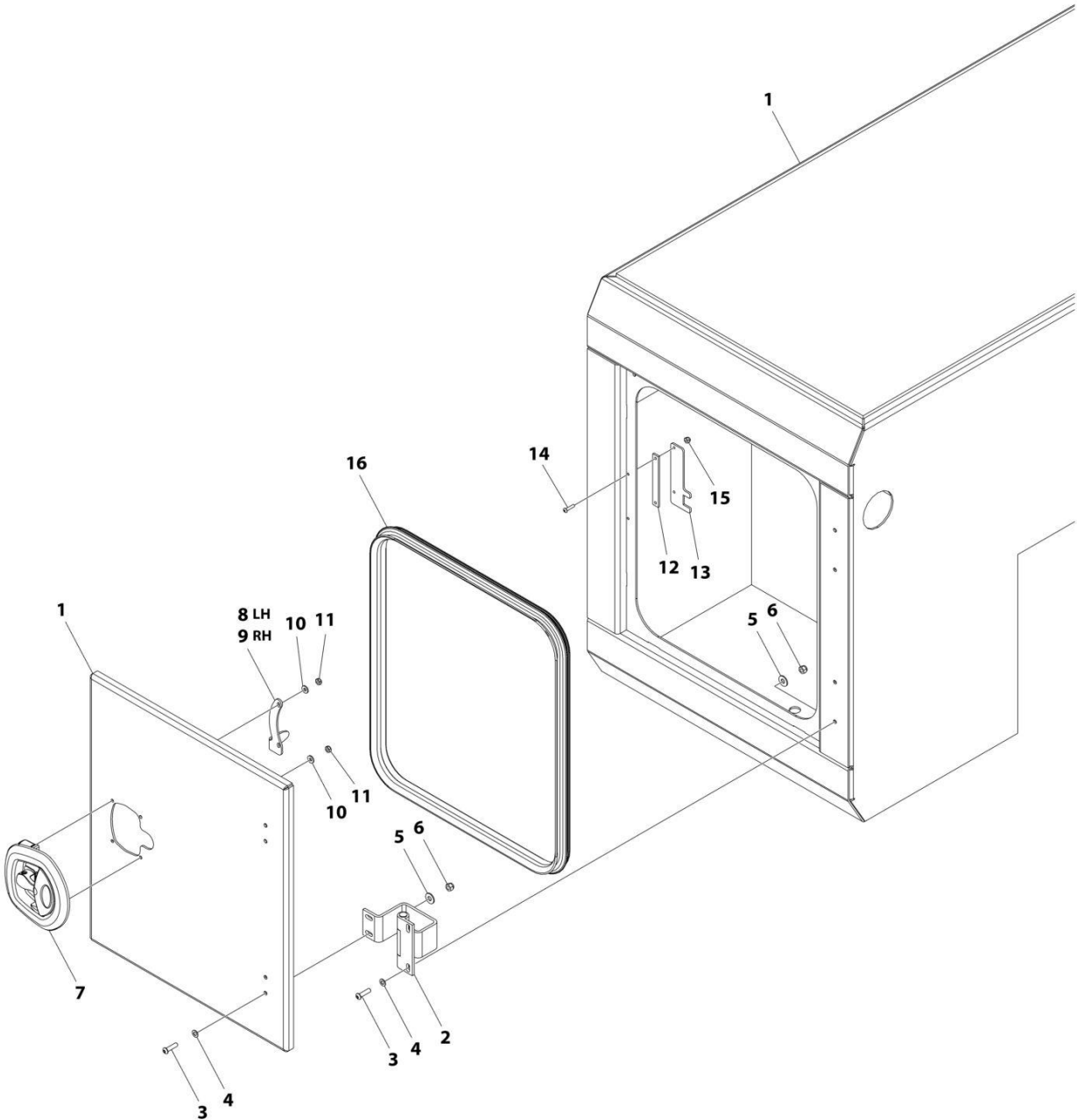
ART_1001225081

FIGURE 4-15. TUNNEL ASSEMBLY - 24IN STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225081	Ref	TUNNEL ASSEMBLY - 24IN STANDARD	A
1	1001225082	1	Tunnel Tool Box	
2	7555000012	4	Hinge	
3	7949000056	16	Washer 1/2	
4	7114140818	16	Capscrew 1/4 x 1	
5	4751400	16	Washer 1/4	
6	7660142601	16	Nut 1/4	
7	1001223814	2	Latch, T-Handle	
8	1001224955	1	Plate, Door Alignment LH	
9	1001224956	1	Plate, Door Alignment RH	
10	4062000569	2	Bar	
11	1001224954	2	Plate	
12	7950100143	8	Washer 3/16	
13	3300455	8	Nut	
14	7114080618	4	Screw #8 x 3/4	
15	7660082604	4	Nut #8	
16	4632000053	2	Seal	

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FIGURE 4-16. TUNNEL ASSEMBLY - 24IN REINFORCED



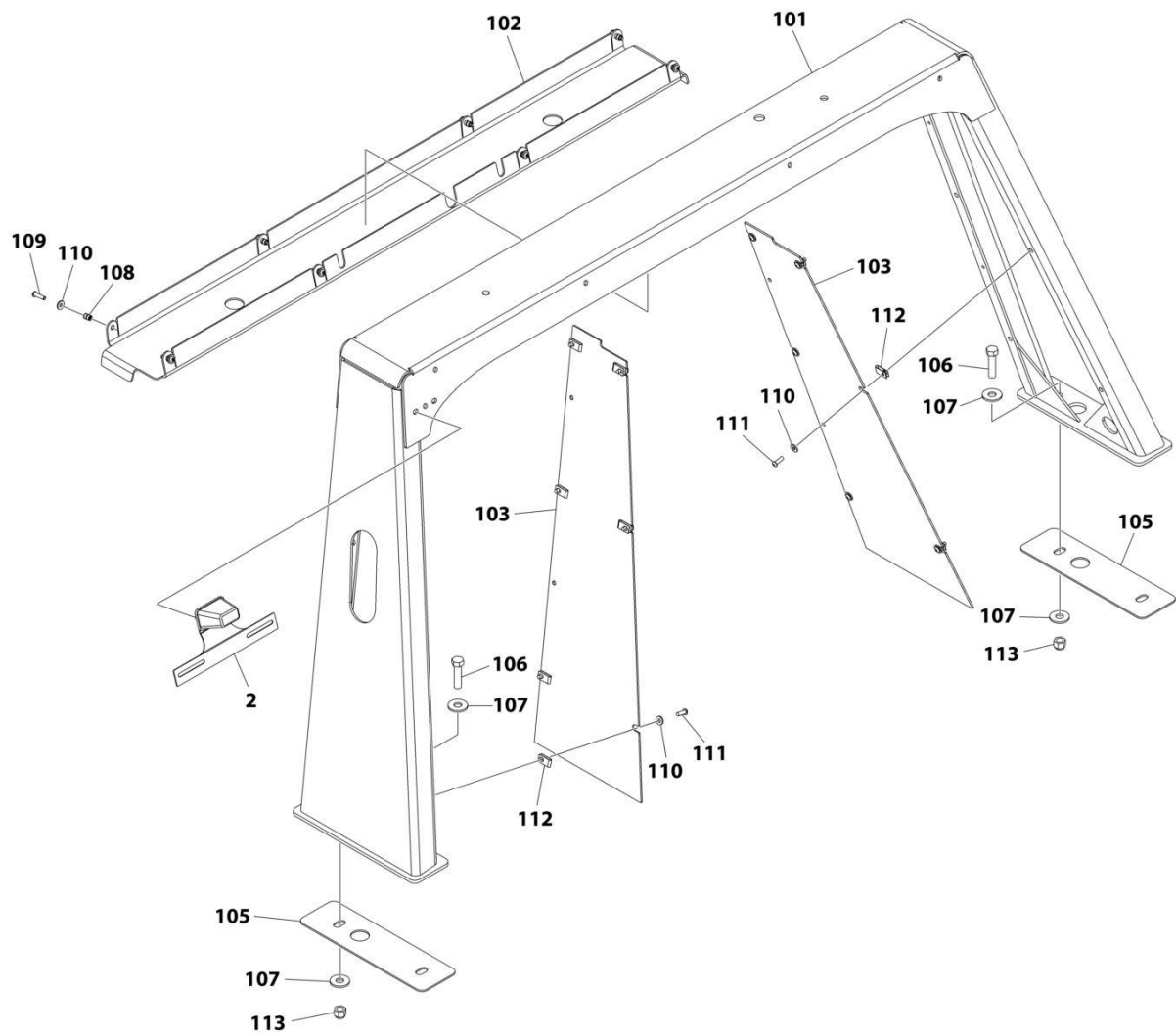
ART_1001225084

FIGURE 4-16. TUNNEL ASSEMBLY - 24IN REINFORCED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225084	Ref	TUNNEL ASSEMBLY - 24IN REINFORCED	B
1	1001225085	1	Tunnel Tool Box	
2	7555000012	4	Hinge	
3	7114140818	16	Capscrew 1/4 x 1	
4	7949000056	16	Washer 1/2	
5	4751400	16	Washer 1/4	
6	7660142601	16	Nut 1/4	
7	1001223814	2	Latch, T-Handle	
8	1001224955	1	Plate, Door Alignment LH	
9	1001224956	1	Plate, Door Alignment RH	
10	7950100143	8	Washer 3/16	
11	3300455	8	Nut	
12	4062000569	2	Bar	
13	1001224954	2	Plate	
14	7114080618	4	Screw #8 x 3/4	
15	7660082604	4	Nut #8	
16	4632000053	2	Seal	

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FIGURE 4-17. PYLON INSTALLATION - 28IN TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)



ART_1001211199

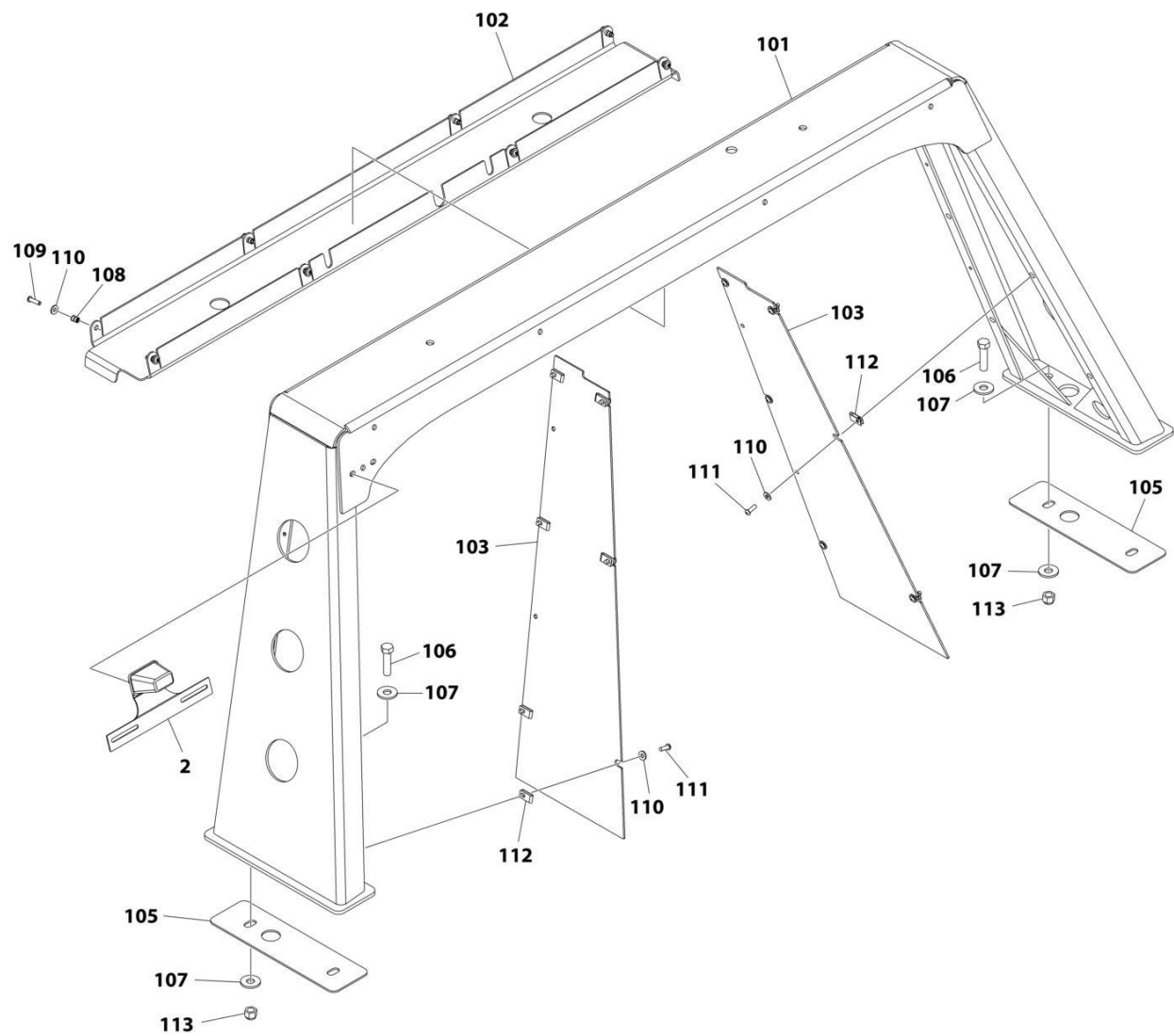
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FIGURE 4-17. PYLON INSTALLATION - 28IN TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211199	Ref	PYLON INSTALLATION - 28IN TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)	A
1	2509570057	Ref	Light Pylon Installation (Not Shown) (See Item 101-113 for Breakdown)	
2	3509330109	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
	2509570057	Ref	LIGHT PYLON INSTALLATION	A
101	3509570106	1	Light Pylon	
102	4263000689	1	Channel	
103	4314000102	2	Cover Plate	
105	7796000101	2	Gasket	
106	7115181650	4	Bolt 1/2 x 2	
107	7950180161	8	Washer 1/2	
108	7413000002	8	Nut 1/4	
109	7114140818	8	Capscrew 1/4 x 1	
110	7950140143	20	Washer 1/4	
111	7114140618	12	Capscrew 1/4 x 3/4	
112	7661000019	12	U Nut 1/4	
113	7660182601	4	Nut 1/2	

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FIGURE 4-18. PYLON INSTALLATION - 28IN TOOLBOX MOUNTED (3 MARKER LIGHTS PER SIDE)



ART_1001137310

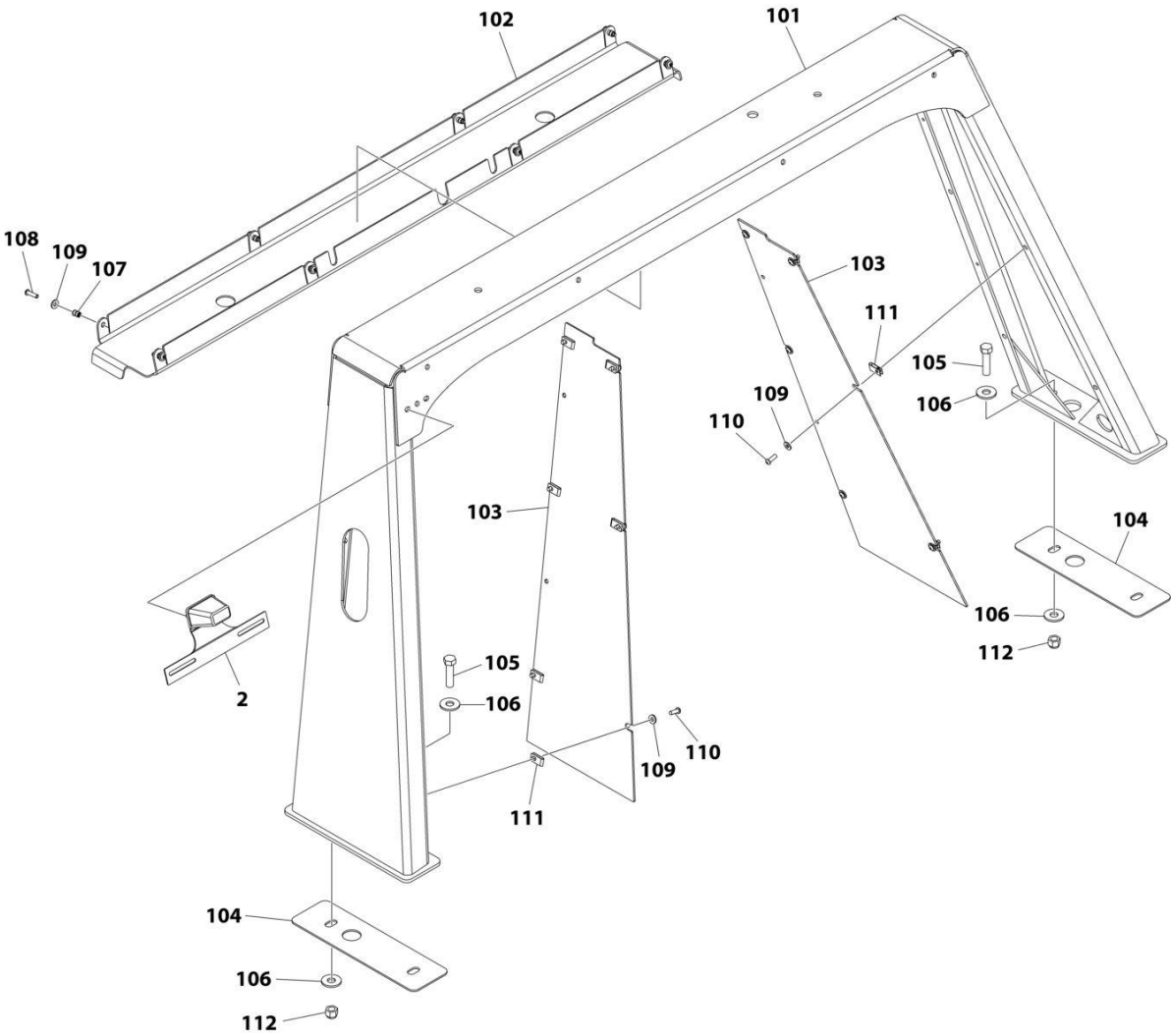
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FIGURE 4-18. PYLON INSTALLATION - 28IN TOOLBOX MOUNTED (3 MARKER LIGHTS PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137310	Ref	PYLON INSTALLATION - 28IN TOOLBOX MOUNTED (3 MARKER LIGHTS PER SIDE)	A
1	2550000420	Ref	Light Pylon Installation (Not Shown) (See Item 101-113 for Breakdown)	
2	1001137306	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
	2550000420	Ref	LIGHT PYLON INSTALLATION	0
101	3550001694	1	Light Pylon	
102	4263000689	1	Channel	
103	4314000102	2	Cover Plate	
105	7796000101	2	Gasket	
106	7115181650	4	Bolt 1/2 x 2	
107	7950180161	8	Washer 1/2	
108	7413000002	8	Nut 1/4	
109	7114140818	8	Capscrew 1/4 x 1	
110	7950140143	20	Washer 1/4	
111	7114140618	12	Capscrew 1/4 x 3/4	
112	7661000019	12	U Nut 1/4	
113	7660182601	4	Nut 1/2	

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FIGURE 4-19. PYLON INSTALLATION - 33IN TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)



ART_1001211200

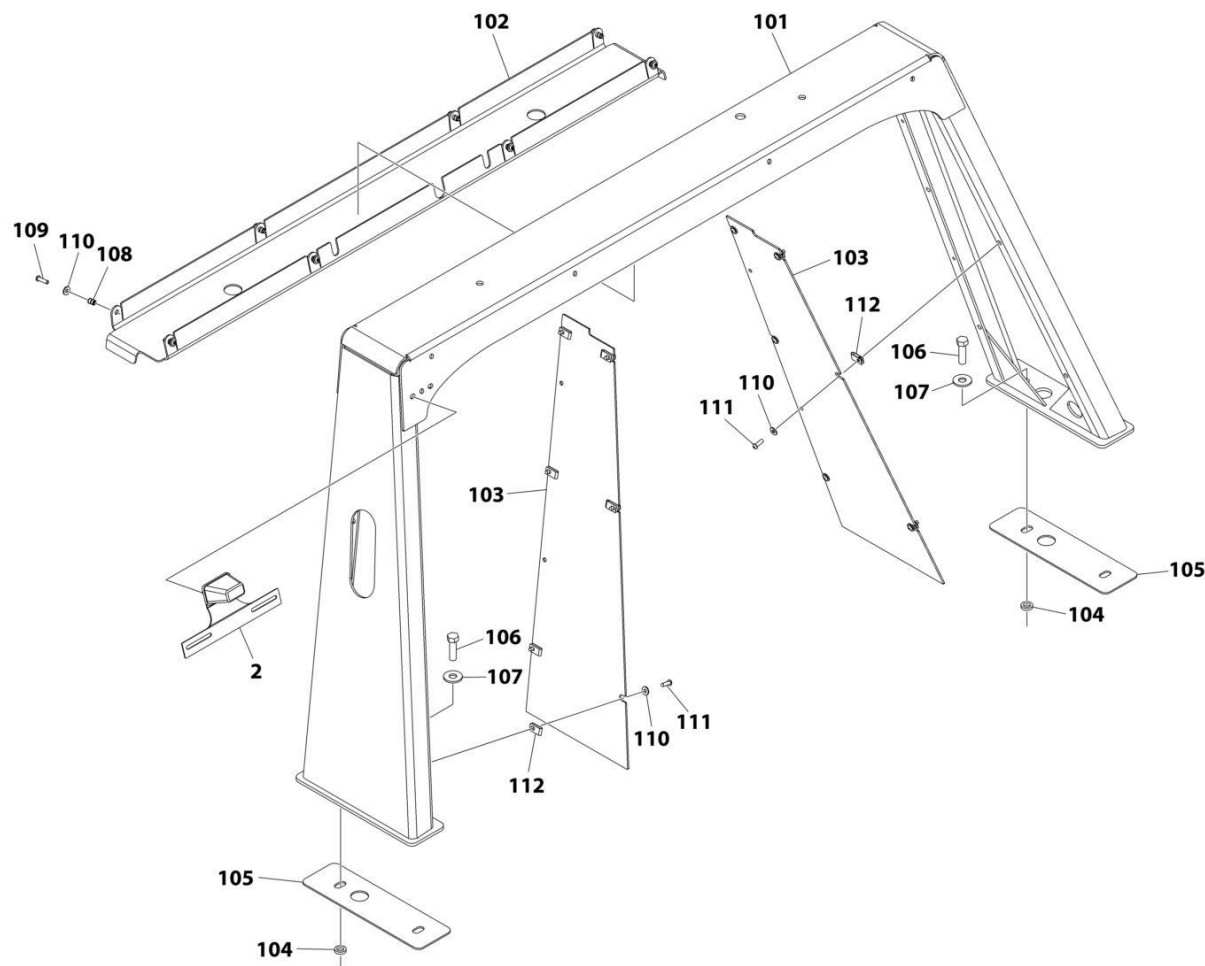
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FIGURE 4-19. PYLON INSTALLATION - 33IN TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211200	Ref	PYLON INSTALLATION - 33IN TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)	A
1	2509570106	Ref	Light Pylon Installation (Not Shown) (See Item 101-112 for Breakdown)	
2	3509330109	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
	2509570106	Ref	LIGHT PYLON INSTALLATION	A
101	3509570119	1	Light Pylon	
102	4263000689	1	Channel	
103	4314000169	2	Cover Plate	
104	7796000101	2	Gasket	
105	7115181650	4	Bolt 1/2 x 2	
106	7950180161	8	Washer 1/2	
107	7413000002	8	Nut 1/4	
108	7114140818	8	Capscrew 1/4 x 1	
109	7950140143	20	Washer 1/4	
110	7114140618	12	Capscrew 1/4 x 3/4	
111	7661000019	12	U Nut 1/4	
112	7660182601	4	Nut 1/2	

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FIGURE 4-20. PYLON INSTALLATION - 34IN BODY MOUNTED (1 MARKER LIGHT PER SIDE)



ART_LPABM34-MPL

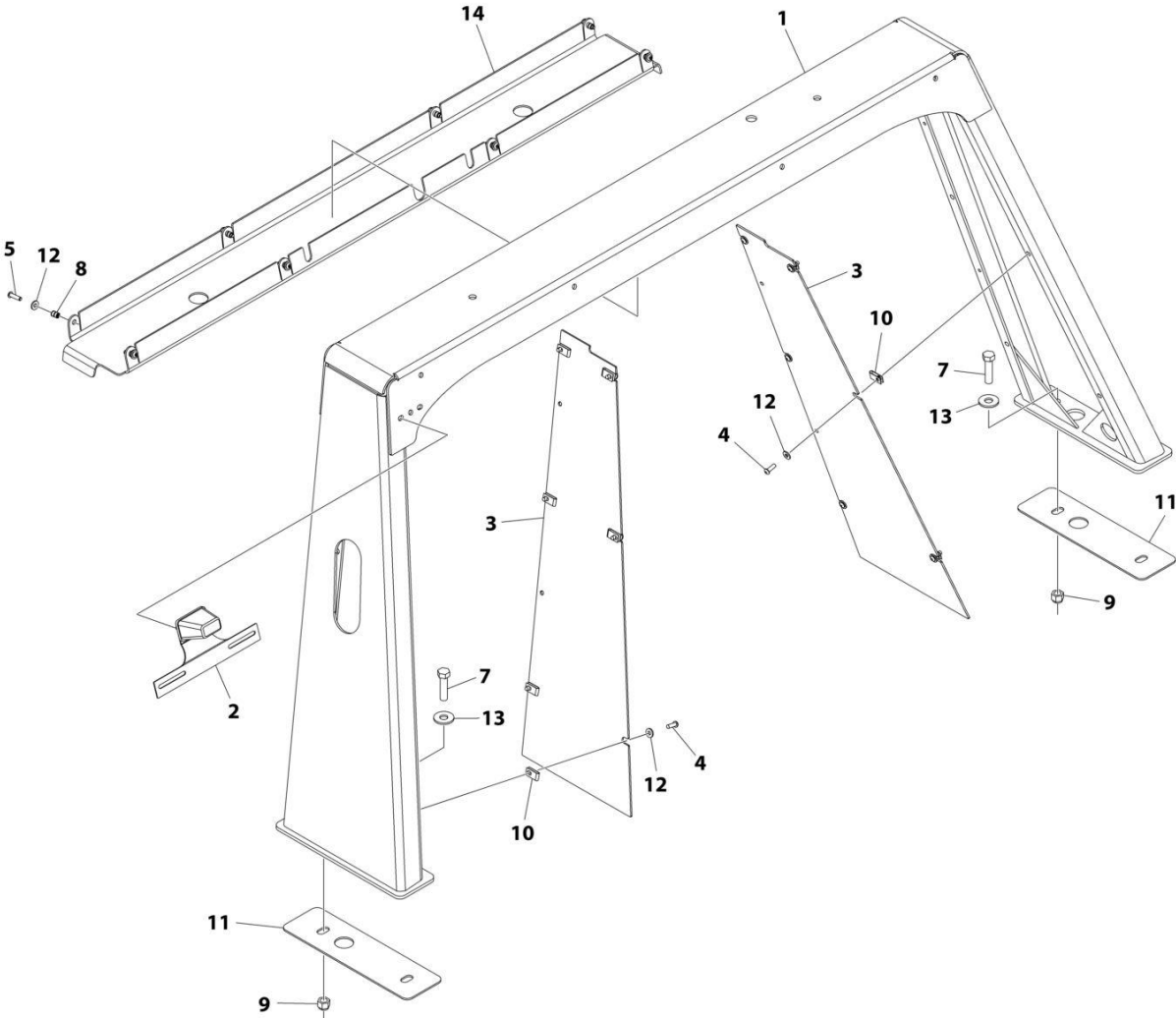
SECTION 4 - BODY

FIGURE 4-20. PYLON INSTALLATION - 34IN BODY MOUNTED (1 MARKER LIGHT PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	LPABM34-MPL	Ref	PYLON INSTALLATION - 34IN BODY MOUNTED (1 MARKER LIGHT PER SIDE)	0
1	2509570147	Ref	Light Pylon Installation (Not Shown) (See Item 101-112 for Breakdown)	
2	3509330108	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
	2509570147	Ref	LIGHT PYLON INSTALLATION	0
101	3509570137	1	Light Pylon	
102	4263000689	1	Channel	
103	4314000224	2	Cover Plate	
104	7949000058	4	Washer	
105	7796000101	2	Gasket	
106	7115181450	4	Bolt 1/2 x 1-3/4	
107	7950180161	4	Washer 1/2	
108	7413000002	8	Nut 1/2	
109	7114140818	8	Capscrew 1/4 x 1	
110	7950140143	20	Washer 1/4	
111	7114140618	12	Capscrew 1/4 x 3/4	
112	7661000019	12	U Nut 1/4	

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FIGURE 4-21. PYLON INSTALLATION - 34IN TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)



ART_1001255714

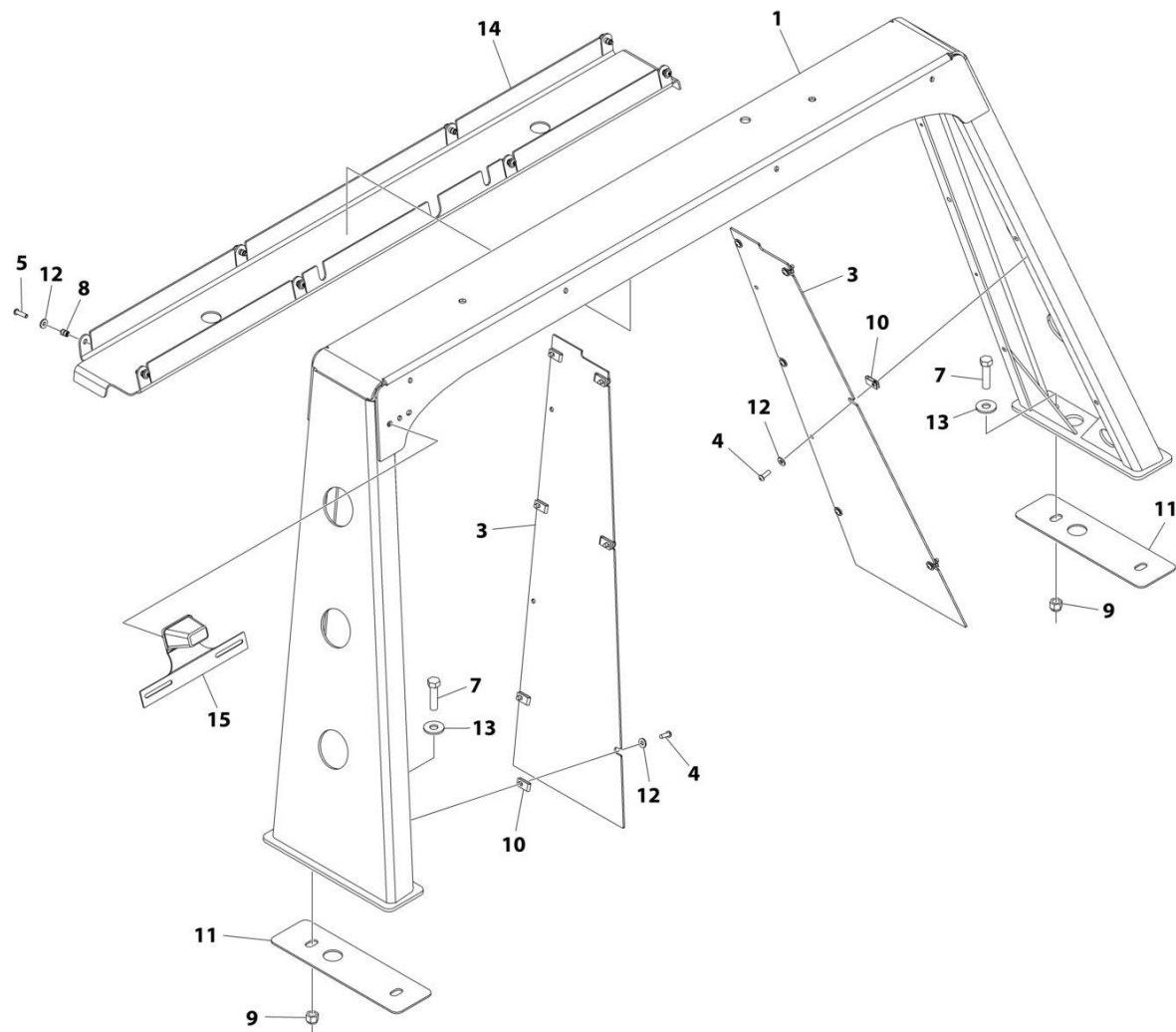
SECTION 4 - BODY

FIGURE 4-21. PYLON INSTALLATION - 34IN TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255714	Ref	PYLON INSTALLATION - 34IN TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)	A
1	3509570137	1	Light Pylon	
2	3509330108	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
3	4314000224	2	Coverplate	
4	7114140618	12	Capscrew 1/4 x 3/4	
5	7114140818	8	Capscrew 1/4 x 1	
7	7115181650	4	Bolt 1/2 x 2	
8	7413000002	8	Nut 1/2	
9	7660182601	4	Nut 1/2	
10	7661000019	12	U Nut 1/4	
11	7796000101	2	Gasket	
12	7950140143	20	Washer 1/4	
13	7950180161	4	Washer 1/2	
14	4263000689	1	Channel	

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FIGURE 4-22. PYLON INSTALLATION - 34IN TOOLBOX MOUNTED (3 MARKER LIGHTS PER SIDE)



ART_1001255716

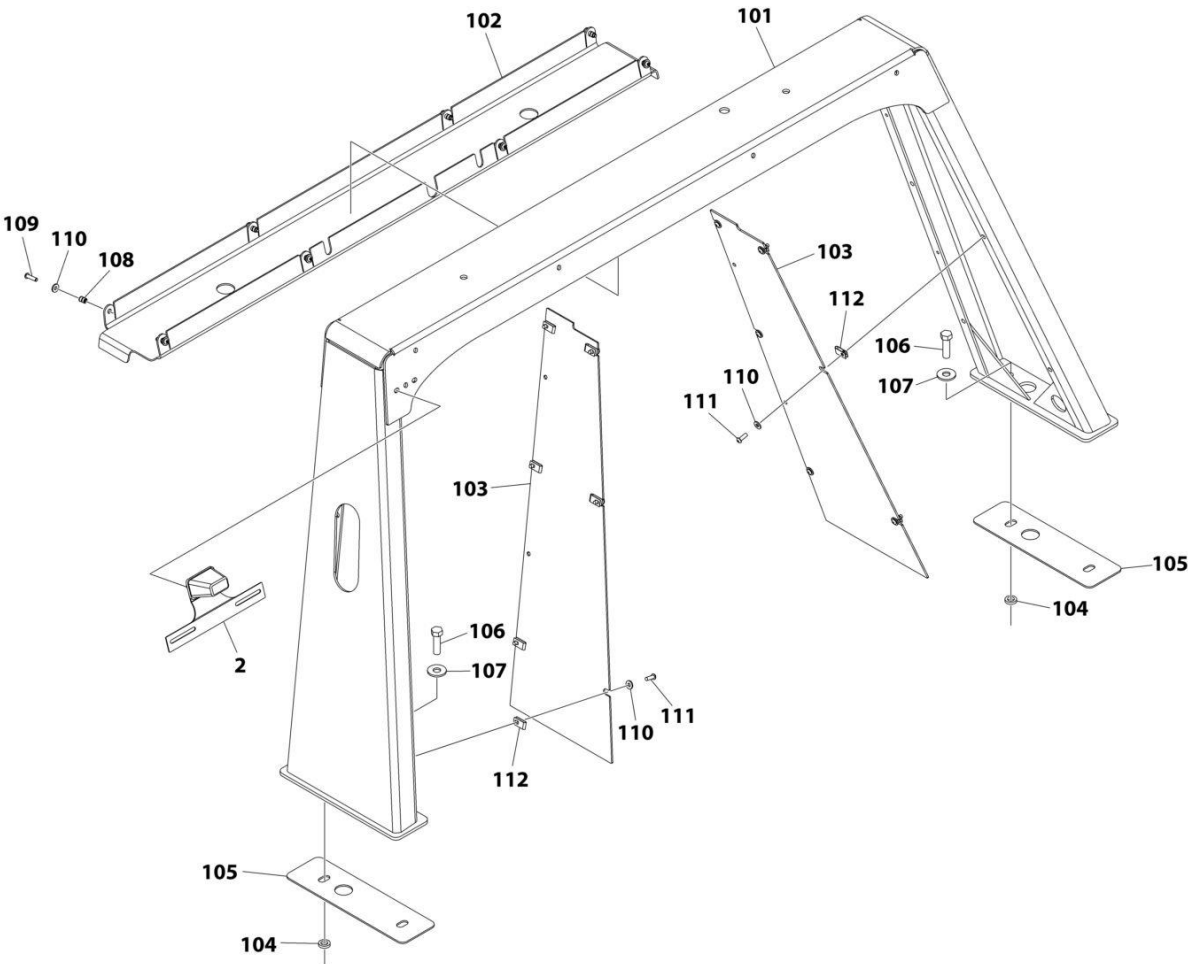
SECTION 4 - BODY

FIGURE 4-22. PYLON INSTALLATION - 34IN TOOLBOX MOUNTED (3 MARKER LIGHTS PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255716	Ref	PYLON INSTALLATION - 34IN TOOLBOX MOUNTED (3 MARKER LIGHTS PER SIDE)	A
1	1001255721	1	Light Pylon	
3	4314000224	2	Cover Plate	
4	7114140618	12	Capscrew 1/4 x 3/4	
5	7114140818	8	Capscrew 1/4 x 1	
7	7115181650	4	Bolt 1/2 x 2	
8	7413000002	8	Nut 1/2	
9	7660182601	4	Nut 1/2	
10	7661000019	12	U Nut 1/4	
11	7796000101	2	Gasket	
12	7950140143	20	Washer 1/4	
13	7950180161	4	Washer 1/2	
14	4263000689	1	Channel	
15	1001137306	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	

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FIGURE 4-23. PYLON INSTALLATION - 38IN BODY MOUNTED (1 MARKER LIGHT PER SIDE)



ART_LPABM38-MPL

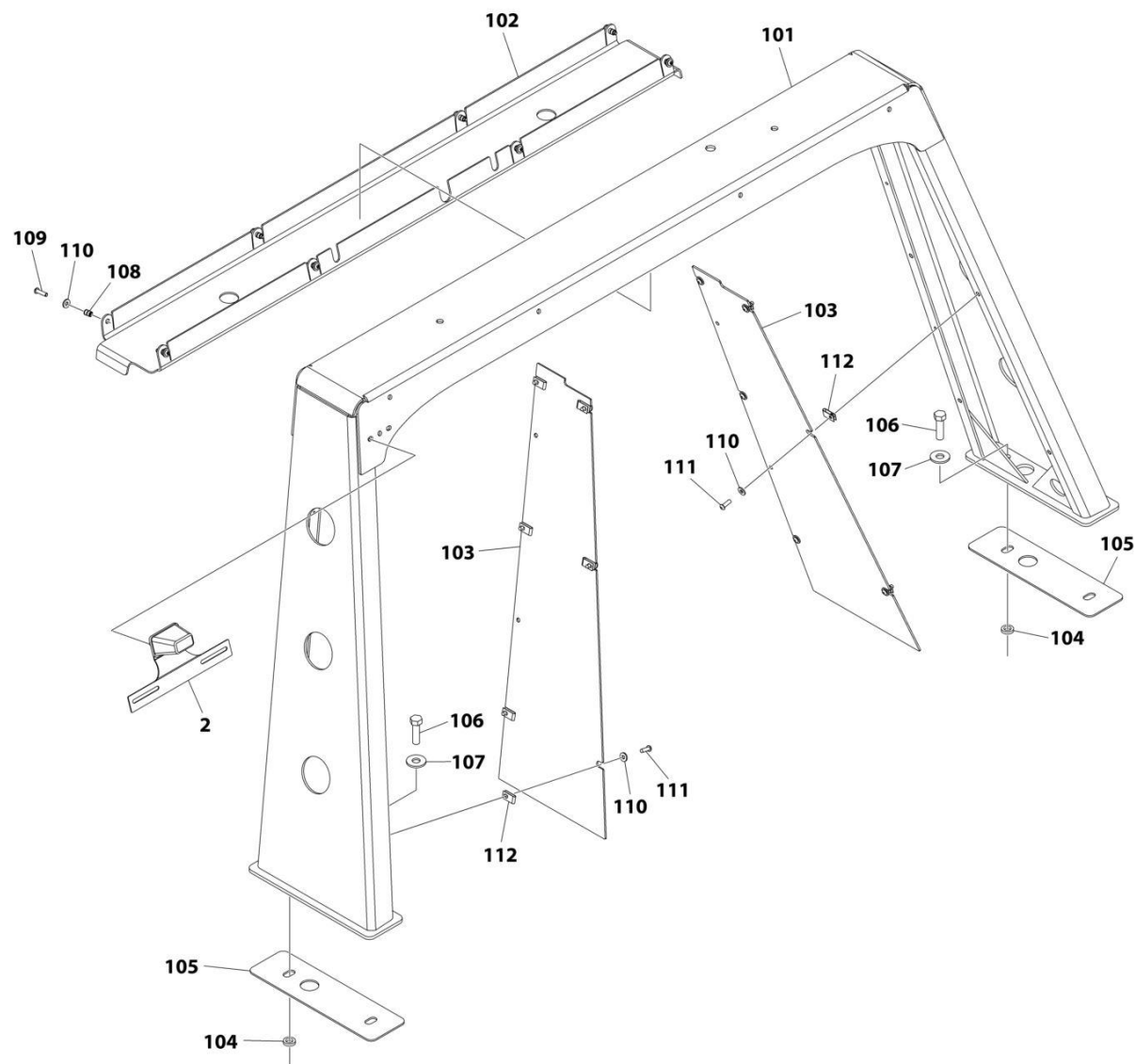
SECTION 4 - BODY

FIGURE 4-23. PYLON INSTALLATION - 38IN BODY MOUNTED (1 MARKER LIGHT PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	LPABM38-MPL	Ref	PYLON INSTALLATION - 38IN BODY MOUNTED (1 MARKER LIGHT PER SIDE)	0
1	2509570054	Ref	Light Pylon Installation (Not Shown) (See Item 101-112 for Breakdown)	A
2	3509330108	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
	2509570054	Ref	LIGHT PYLON INSTALLATION	
101	3509570103	1	Light Pylon	
102	4263000689	1	Channel	
103	4706005002	2	Cover Plate	
104	7949000058	4	Washer	
105	7796000101	2	Gasket	
106	7115181450	4	Bolt 1/2 x 1-3/4	
107	7950180161	4	Washer 1/2	
108	7413000002	8	Nut 1/2	
109	7114140818	8	Capscrew 1/4 x 1	
110	7950140143	20	Washer 1/4	
111	7114140618	12	Capscrew 1/4 x 3/4	
112	7661000019	12	U Nut 1/4	

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FIGURE 4-24. PYLON INSTALLATION - 38IN BODY MOUNTED (3 MARKER LIGHTS PER SIDE)



ART_1001137311

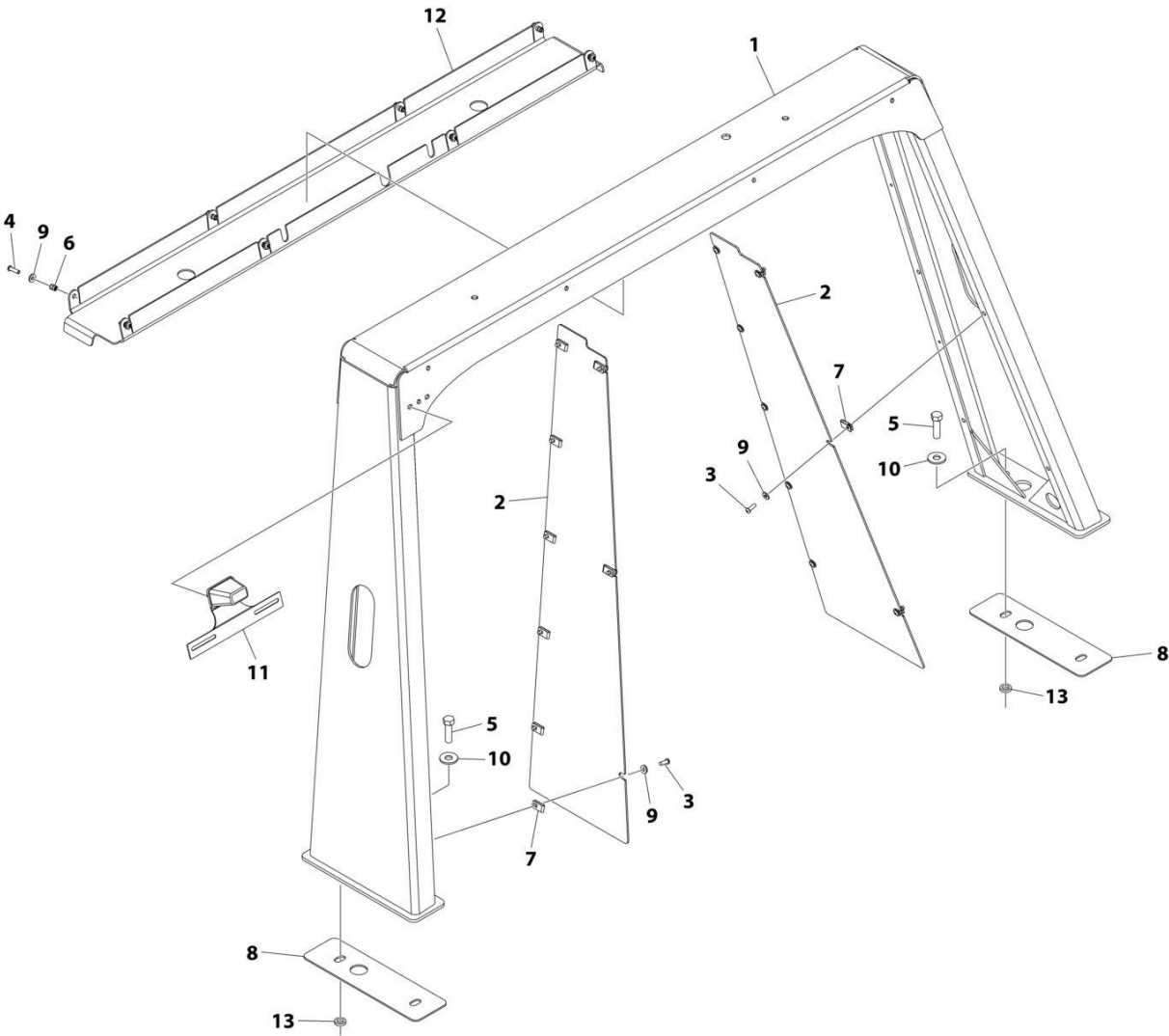
SECTION 4 - BODY

FIGURE 4-24. PYLON INSTALLATION - 38IN BODY MOUNTED (3 MARKER LIGHTS PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137311	Ref	PYLON INSTALLATION - 38IN BODY MOUNTED (3 MARKER LIGHTS PER SIDE)	A
1	2550000472	Ref	Light Pylon Installation (Not Shown) (See Items 101-112 for Breakdown)	
2	1001137307	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
	2550000472	Ref	LIGHT PYLON INSTALLATION	A
101	3550001692	1	Light Pylon	
102	4263000689	1	Channel	
103	4706005002	2	Cover Plate	
104	7949000058	4	Washer	
105	7796000101	2	Gasket	
106	7115181450	4	Bolt 1/2 x 1-3/4	
107	7950180161	4	Washer 1/2	
108	7413000002	8	Nut 1/2	
109	7114140818	8	Capscrew 1/4 x 1	
110	7950140143	20	Washer 1/4	
111	7114140618	12	Capscrew 1/4 x 3/4	
112	7661000019	12	U Nut 1/4	

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FIGURE 4-25. PYLON INSTALLATION - 42IN BODY MOUNTED (1 MARKER LIGHT PER SIDE)



ART_1001255713

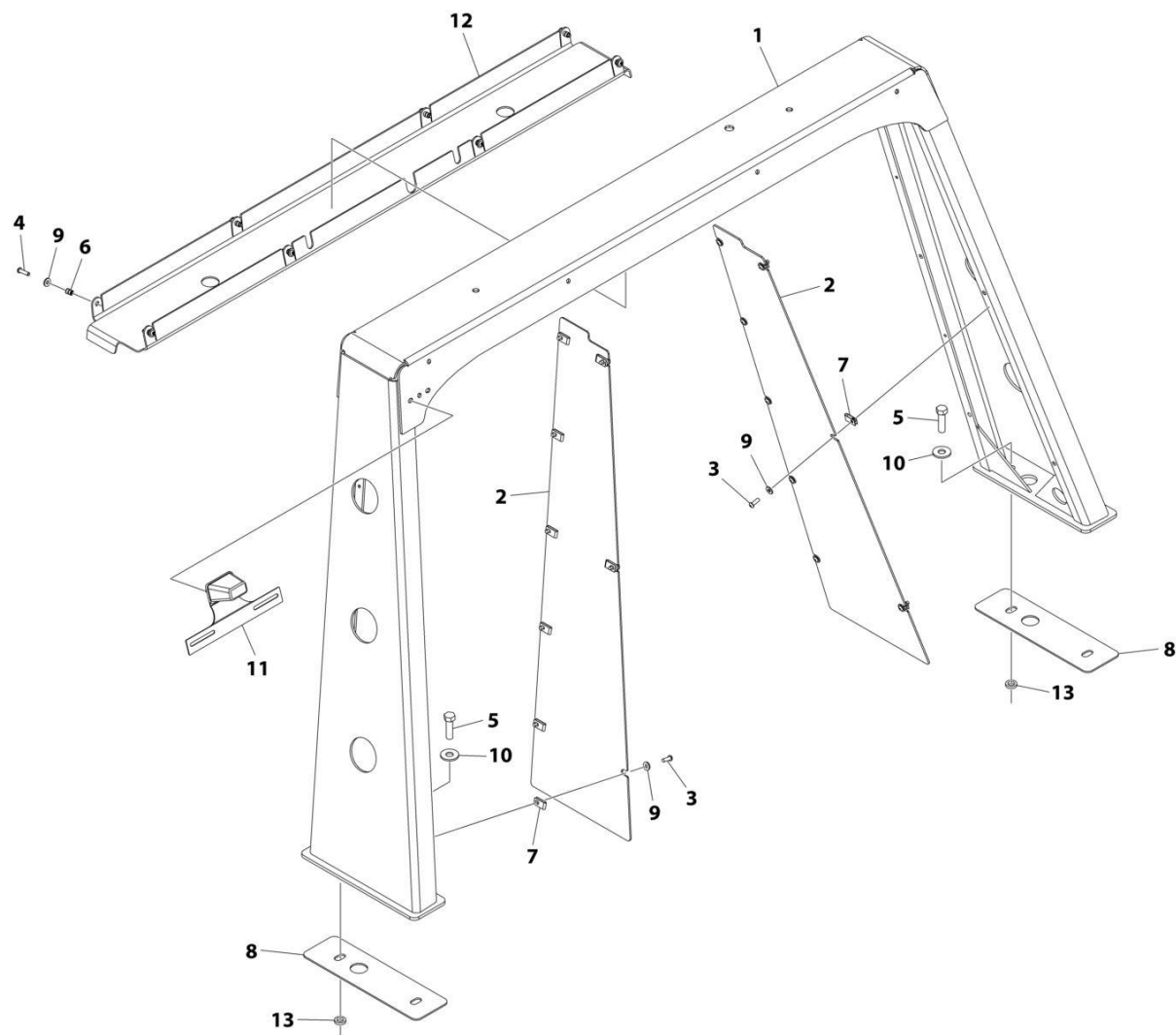
SECTION 4 - BODY

FIGURE 4-25. PYLON INSTALLATION - 42IN BODY MOUNTED (1 MARKER LIGHT PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255713	Ref	PYLON INSTALLATION - 42IN BODY MOUNTED (1 MARKER LIGHT PER SIDE)	A
1	3509570111	1	Light Pylon	
2	4314000103	2	Cover Plate	
3	7114140618	16	Capscrew 1/4 x 3/4	
4	7114140818	8	Capscrew 1/4 x 1	
5	7115181450	4	Bolt 1/2 x 1-3/4	
6	7413000002	8	Nut 1/4	
7	7661000019	16	U-Nut 1/4	
8	7796000101	2	Gasket	
9	7950140143	24	Washer 1/4	
10	7950180161	4	Washer 1/2	
11	3509330108	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
12	4263000689	1	Channel	
13	7949000058	4	Washer	

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FIGURE 4-26. PYLON INSTALLATION - 42IN BODY MOUNTED (3 MARKER LIGHT PER SIDE)



ART_1001255715

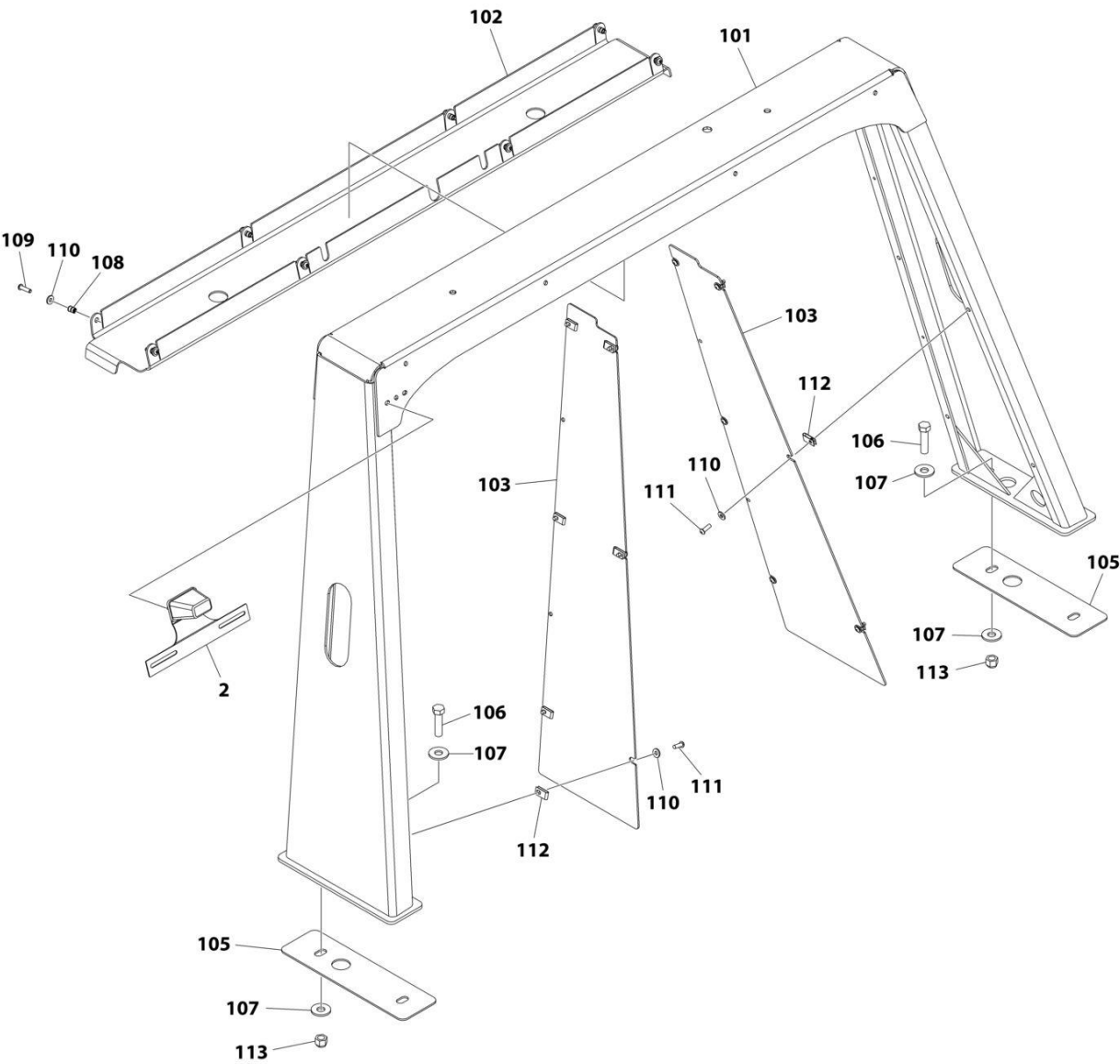
SECTION 4 - BODY

FIGURE 4-26. PYLON INSTALLATION - 42IN BODY MOUNTED (3 MARKER LIGHT PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255715	Ref	PYLON INSTALLATION - 42IN BODY MOUNTED (3 MARKER LIGHTS PER SIDE)	A
1	1001255722	1	Light Pylon	
2	4314000103	2	Cover Plate	
3	7114140618	16	Capscrew 1/4 x 3/4	
4	7114140818	8	Capscrew 1/4 x 1	
5	7115181450	4	Bolt 1/2 x 1-3/4	
6	7413000002	8	Nut 1/4	
7	7661000019	16	U-Nut 1/4	
8	7796000101	2	Gasket	
9	7950140143	24	Washer 1/4	
10	7950180161	4	Washer 1/2	
11	1001137307	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
12	4263000689	1	Channel	
13	7949000058	4	Washer	

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FIGURE 4-27. PYLON INSTALLATION - 42IN TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)



ART_1001211201

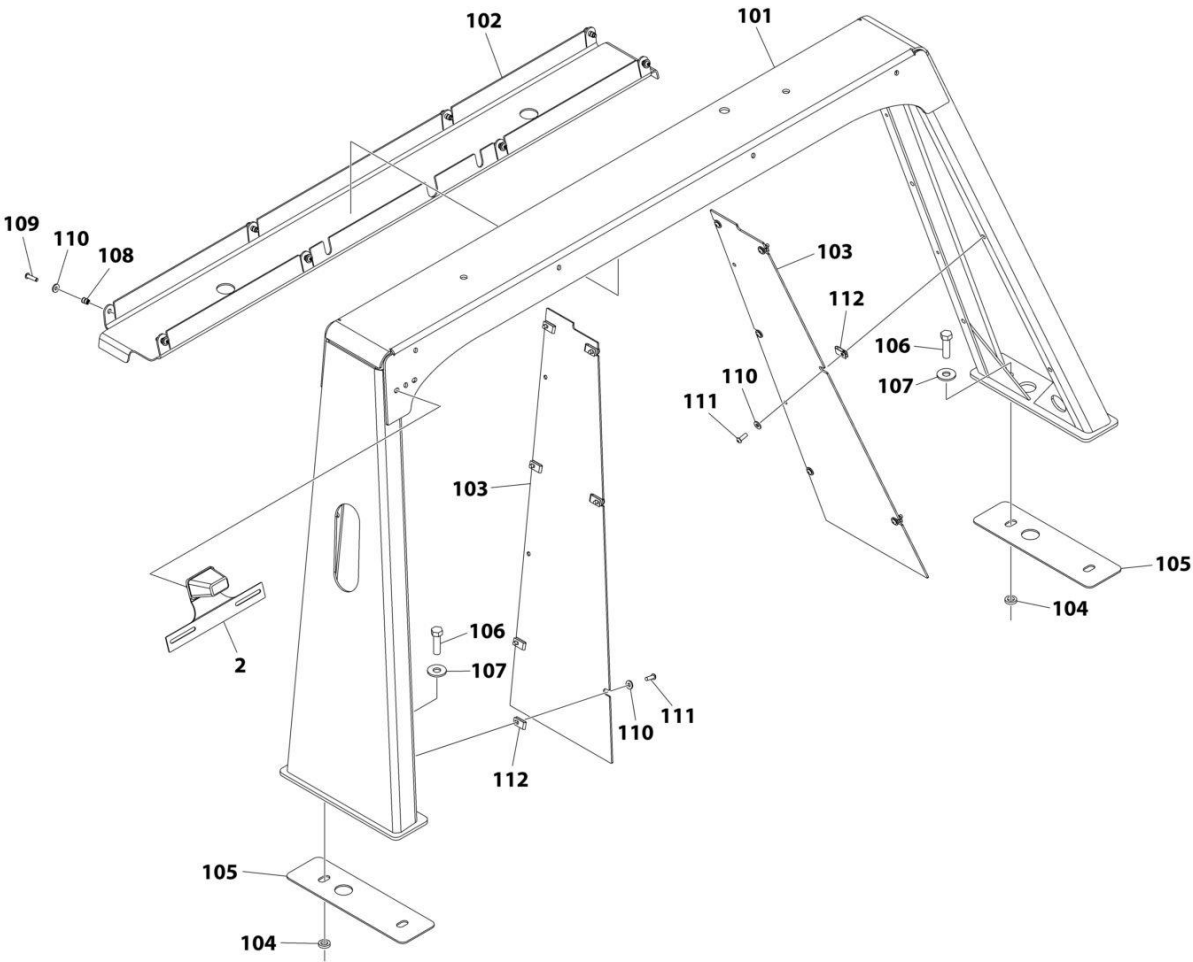
SECTION 4 - BODY

FIGURE 4-27. PYLON INSTALLATION - 42IN TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211201	Ref	PYLON INSTALLATION - 42IN TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)	A
1	2509570061	Ref	Light Pylon Installation (Not Shown) (See Item 101-113 for Breakdown)	
2	3509330109	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
	2509570061	Ref	LIGHT PYLON INSTALLATION	A
101	3509570111	1	Light Pylon	
102	4263000689	1	Channel	
103	4314000103	2	Cover Plate	
105	7796000101	2	Gasket	
106	7115181650	4	Bolt 1/2 x 2	
107	7950180161	8	Washer 1/2	
108	7413000002	8	Nut 1/4	
109	7114140818	8	Capscrew 1/4 x 1	
110	7950140143	20	Washer 1/4	
111	7114140618	12	Capscrew 1/4 x 3/4	
112	7661000019	12	U Nut 1/4	
113	7660182601	4	Nut 1/2	

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FIGURE 4-28. PYLON INSTALLATION - 50IN BODY MOUNTED (1 MARKER LIGHTS PER SIDE)



ART_LPABM50-MPL

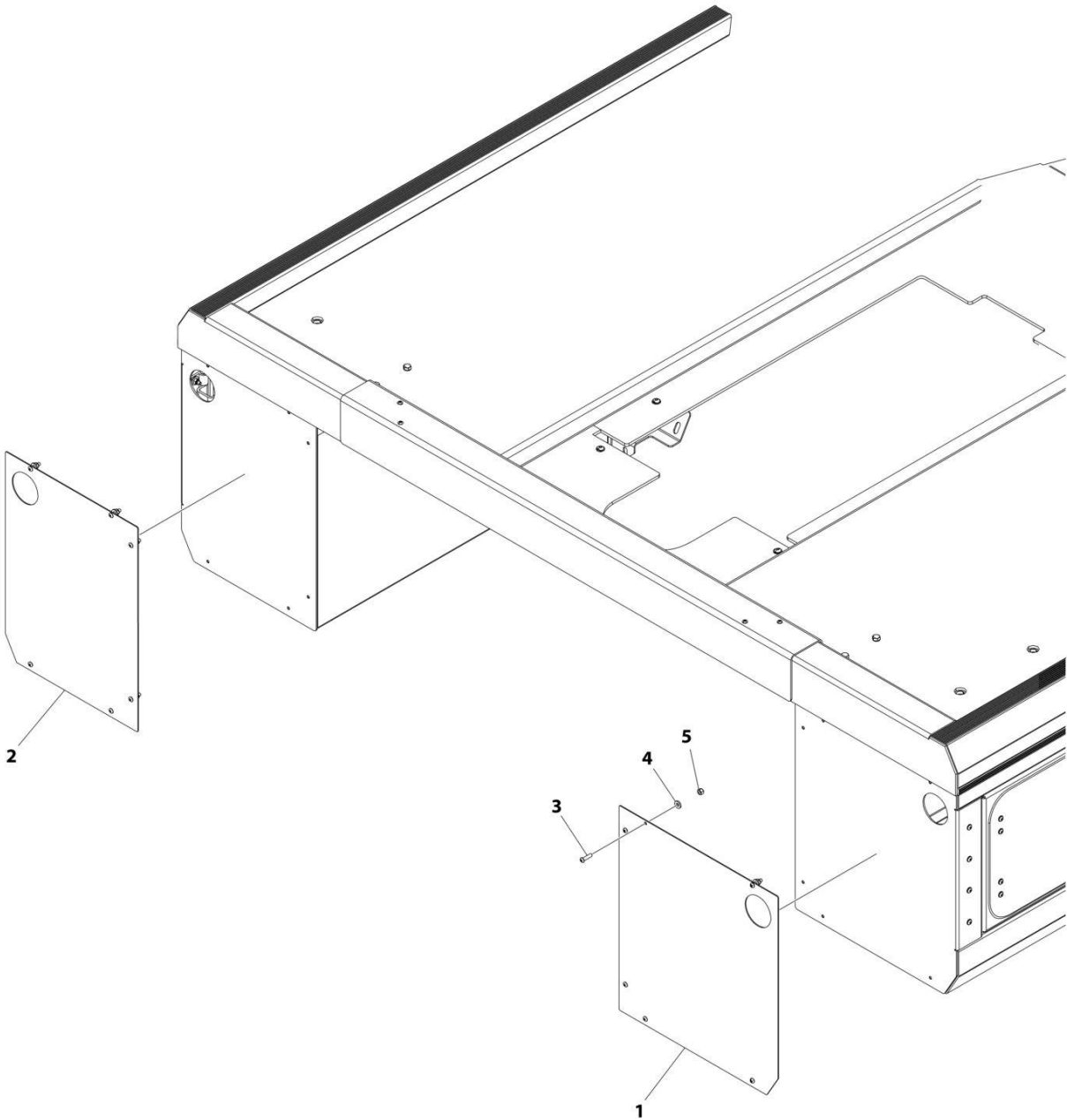
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FIGURE 4-28. PYLON INSTALLATION - 50IN BODY MOUNTED (1 MARKER LIGHTS PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	LPABM50-MPL	Ref	PYLON INSTALLATION - 50IN BODY MOUNTED (1 MARKER LIGHTS PER SIDE)	A
1	2509570069	Ref	Light Pylon Installation (Not Shown) (See Item 101-112 for Breakdown)	
2	3509330108	1	Pylon Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
	2509570069	Ref	LIGHT PYLON INSTALLATION	A
101	3509570113	1	Light Pylon	
102	4263000689	1	Channel	
103	4314000125	2	Cover Plate	
104	7949000058	4	Washer	
105	7796000101	2	Gasket	
106	7115181450	4	Bolt 1/2 x 1-3/4	
107	7950180161	4	Washer 1/2	
108	7413000002	8	Nut 1/2	
109	7114140818	8	Capscrew 1/4 x 1	
110	7950140143	20	Washer 1/4	
111	7114140618	12	Capscrew 1/4 x 3/4	
112	7661000019	12	U Nut 1/4	

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FIGURE 4-29. STONE GUARD INSTALLATION (WITHOUT TUNNEL)



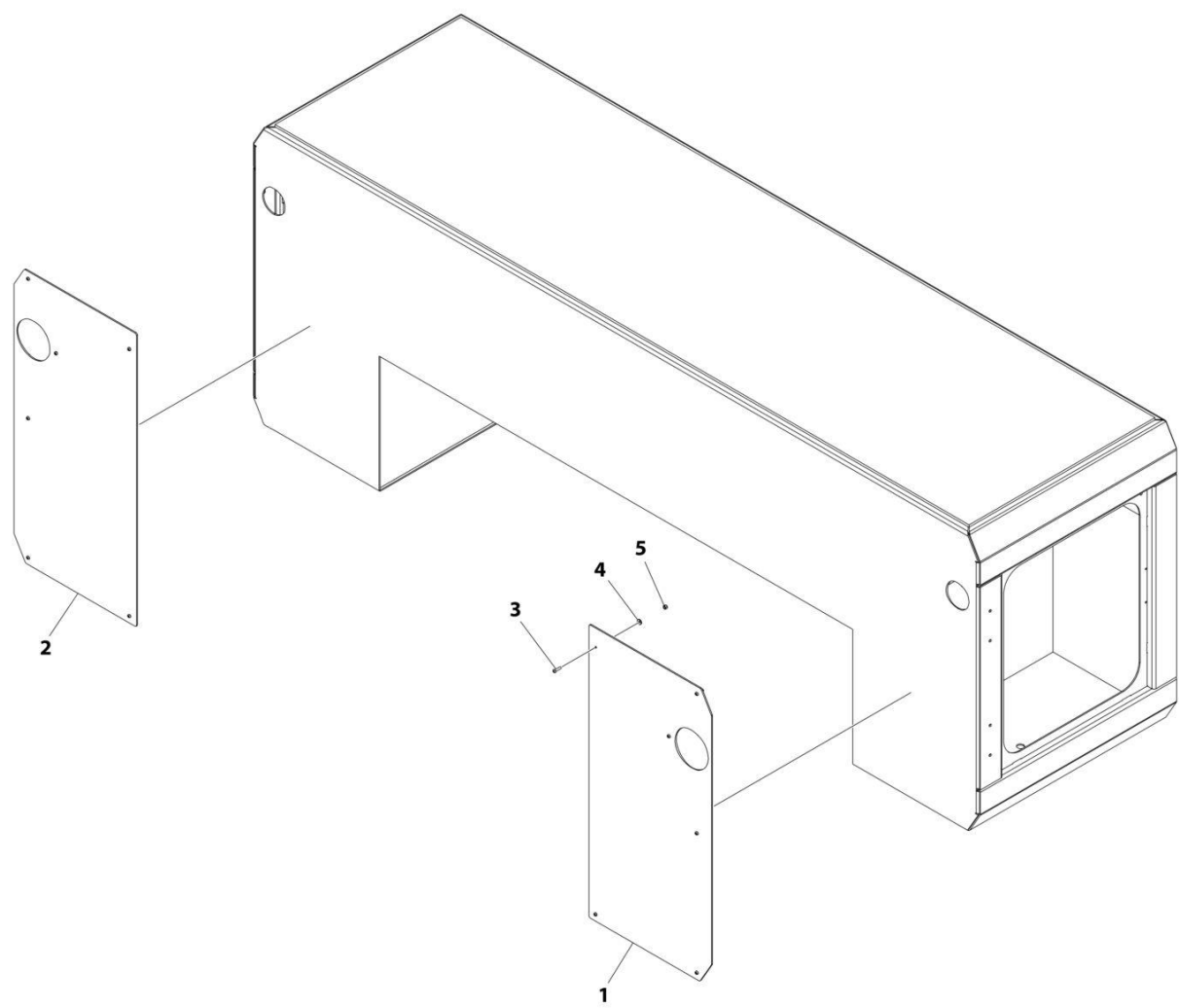
ART_2002000027

FIGURE 4-29. STONE GUARD INSTALLATION (WITHOUT TUNNEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2002000027	Ref	STONE GUARD INSTALLATION (WITHOUT TUNNEL)	0
1	4707000314	1	Plate, LH	
2	4707000315	1	Plate, RH	
3	7114140818	12	Capscrew 1/4 x 1	
4	7950140141	12	Washer 1/4	
5	7660142600	12	Nut 1/4	

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FIGURE 4-30. STONE GUARD INSTALLATION (WITH TUNNEL)



ART_1001130410

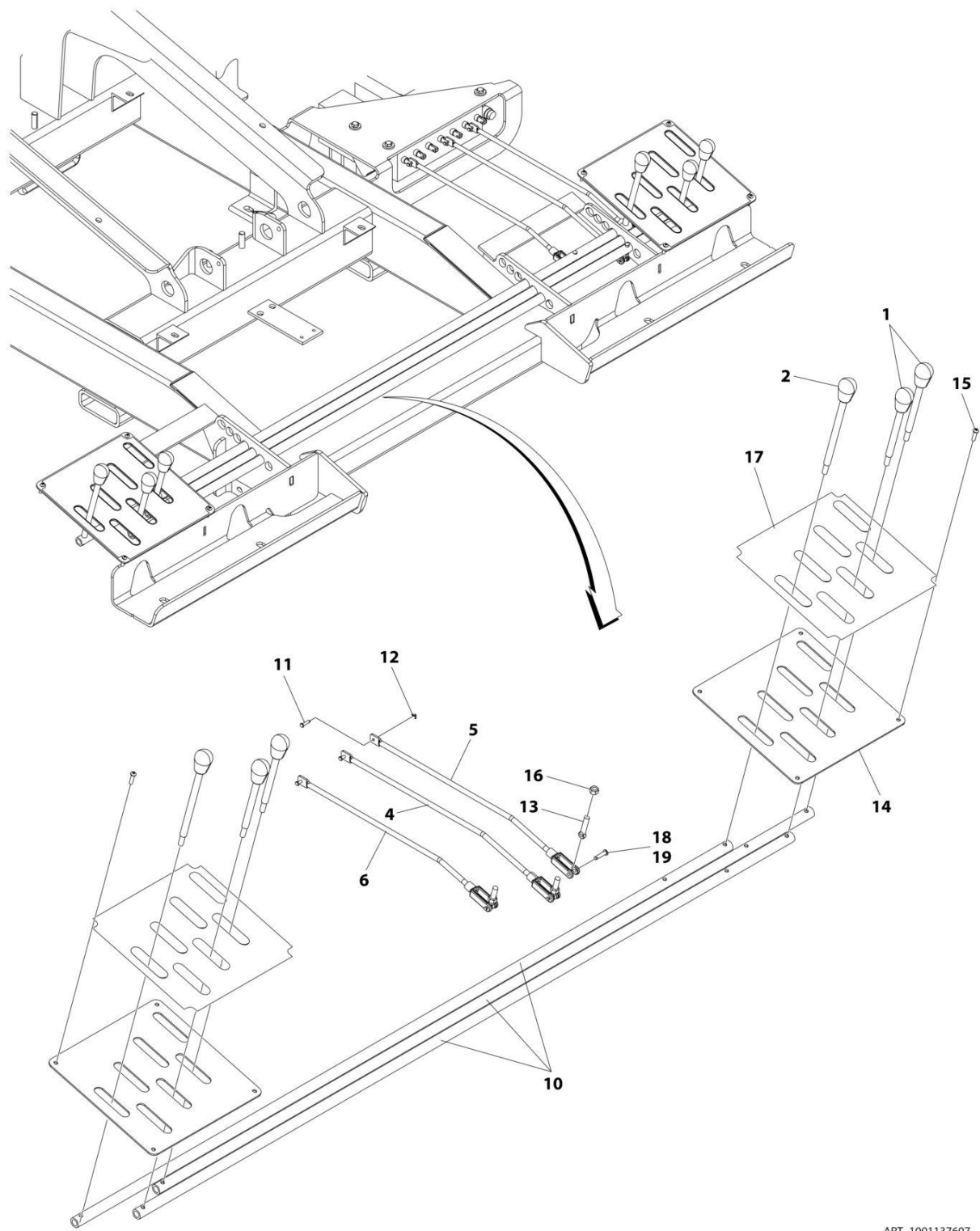
FIGURE 4-30. STONE GUARD INSTALLATION (WITH TUNNEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001130410	Ref	STONE GUARD INSTALLATION (WITH TUNNEL)	B
1	1001130417	1	Panel, LH	
2	1001130418	1	Panel, RH	
3	7114100618	12	Capscrew #10 x 3/4	
4	7950100103	12	Washer #10	
5	7660102604	12	Nut #10	

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FIGURE 5-1. CONTROLS INSTALLATION - STANDARD



ART_1001137607

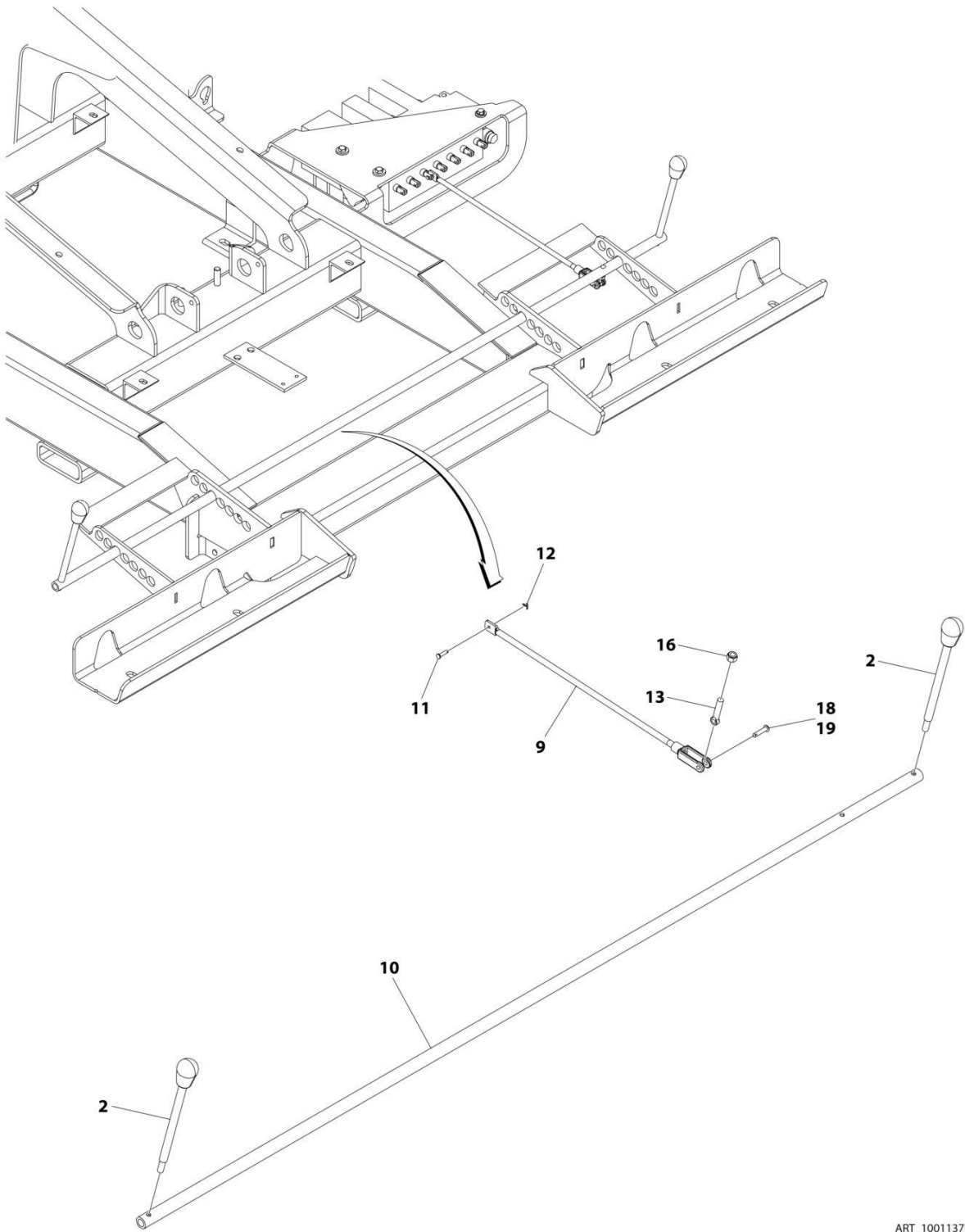
SECTION 5 - CONTROLS

FIGURE 5-1. CONTROLS INSTALLATION - STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137607	Ref	CONTROLS INSTALLATION - STANDARD WITHOUT FLY BOOM	B
1	3551000056	4	Handle Assembly	
2	3551000057	2	Handle Assembly	
4	4763000404	1	Rod, Control	
5	4763000403	1	Rod, Control	
6	4763000402	1	Rod, Control	
10	4763000154	3	Rod	
11	7690101200	3	Pin	
12	7690000810	3	Pin	
13	7765000006	3	Rod End	
14	4314000085	2	Coverplate	
15	7120000046	8	Bolt 1/4 x 3/4	
16	7660160000	3	Nut 3/8	
17	7330000538	2	Decal	
18	7690141600	3	Pin	
19	7691000075	3	Cotter, Pin	

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FIGURE 5-2. CONTROLS INSTALLATION - FLY BOOM



ART_1001137608

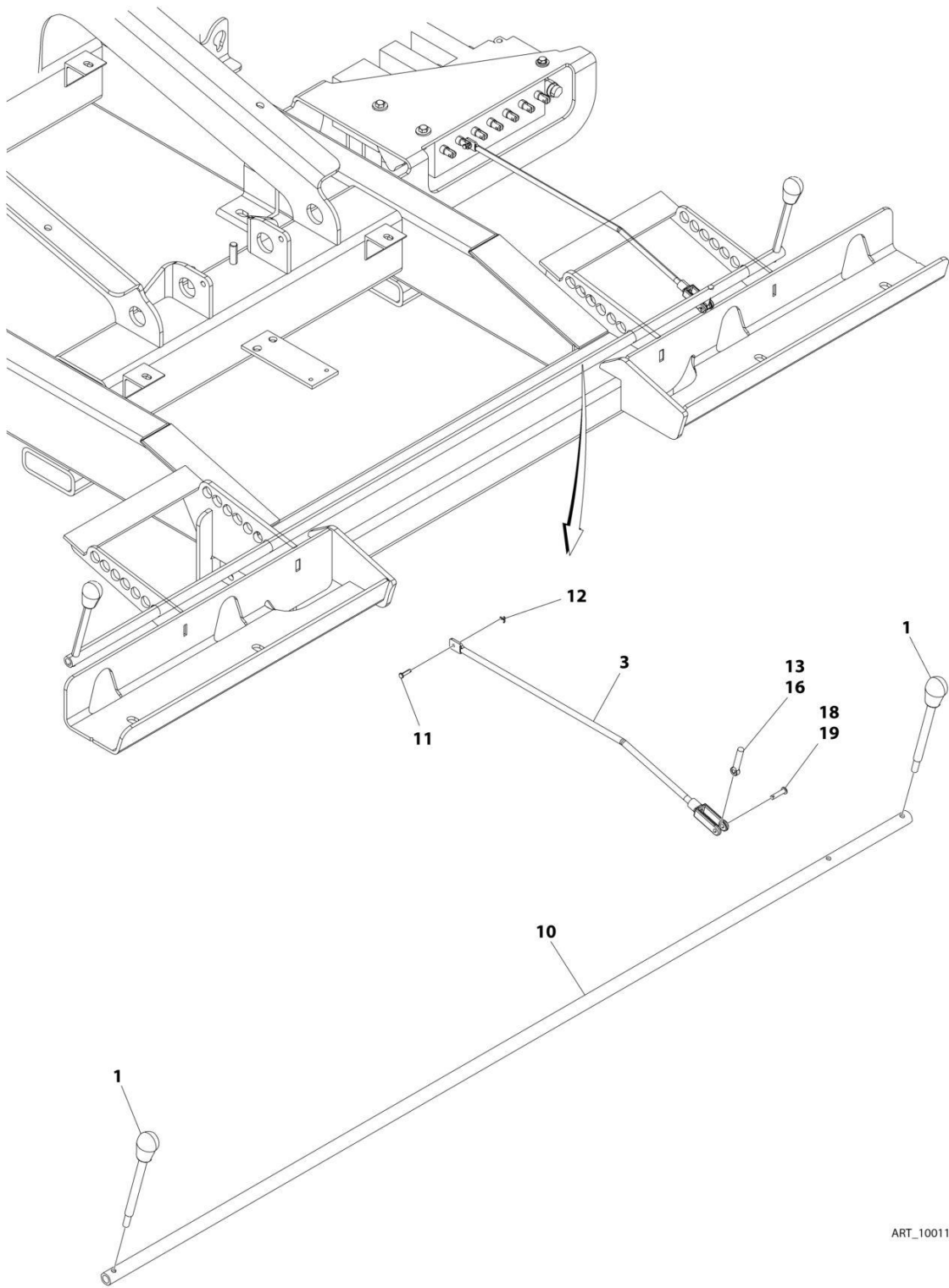
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FIGURE 5-2. CONTROLS INSTALLATION - FLY BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137608	Ref	CONTROLS INSTALLATION - STANDARD WITH FLY BOOM	B
2	3551000057	2	Handle Assembly	
9	4763000401	1	Rod, Control	
10	4763000154	1	Rod	
11	7690101200	1	Pin	
12	7690000810	1	Pin	
13	7765000006	1	Rod End	
16	7660160000	1	Nut 3/8	
18	7690141600	1	Pin	
19	7691000075	1	Cotter, Pin	

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FIGURE 5-3. CONTROLS INSTALLATION - GRIDS (HYDRAULIC)



ART_1001137611

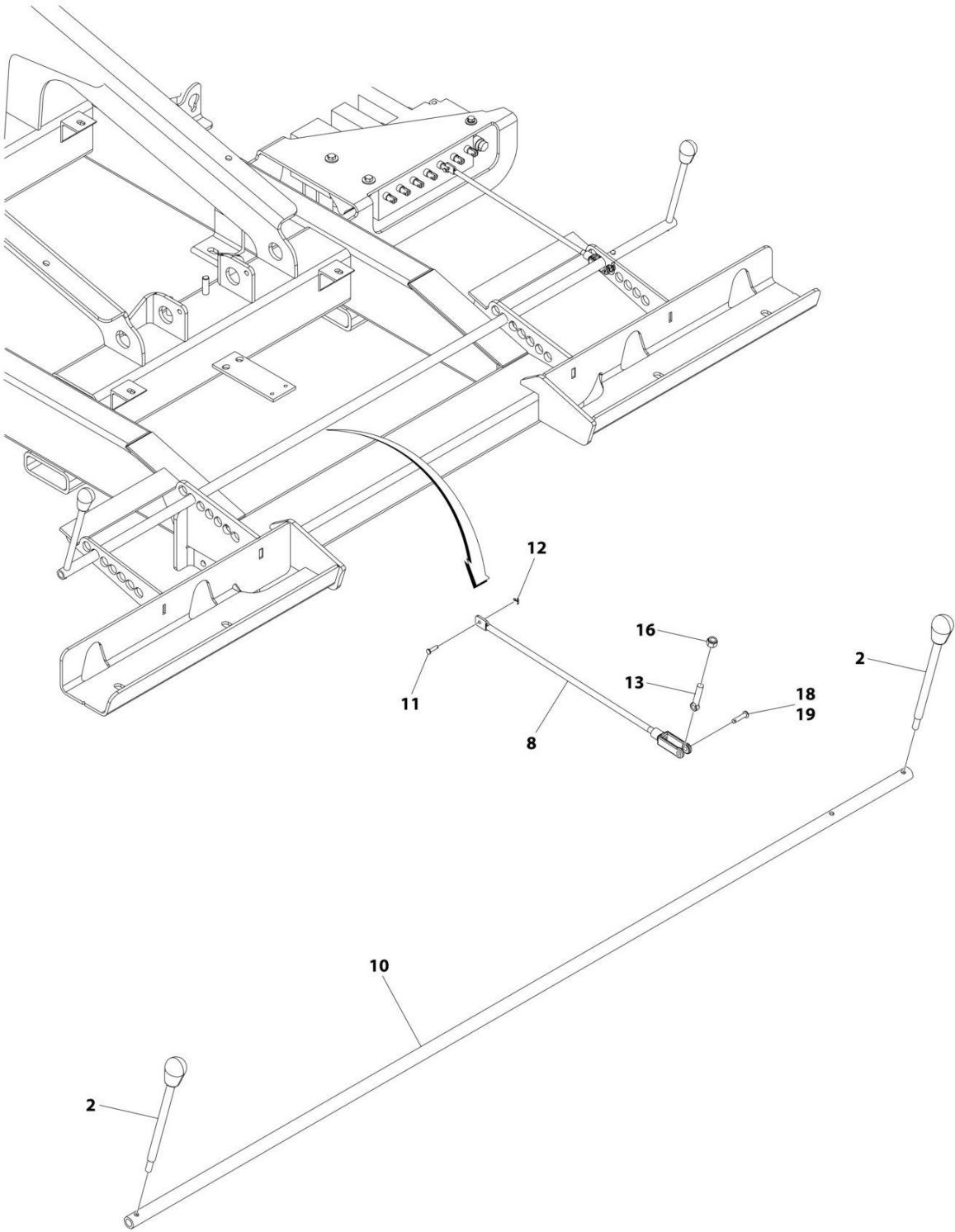
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FIGURE 5-3. CONTROLS INSTALLATION - GRIDS (HYDRAULIC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137611	Ref	CONTROLS INSTALLATION - GRIDS (HYDRAULIC)	B
1	3551000056	2	Handle 8in	
1	7551000036	2	Knob (1 Per Handle)	
3	4763000405	1	Rod, Control	
10	4763000154	1	Rod	
11	7690101200	1	Pin	
12	7690000810	1	Pin, Cotter	
13	7765000006	1	End, Rod	
16	7660160000	1	Nut 3/8	
18	7690141600	1	Pin	
19	7691000075	1	Hairpin	

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FIGURE 5-4. CONTROLS INSTALLATION - WINCH (WITHOUT FLY BOOM)



ART_1001137609

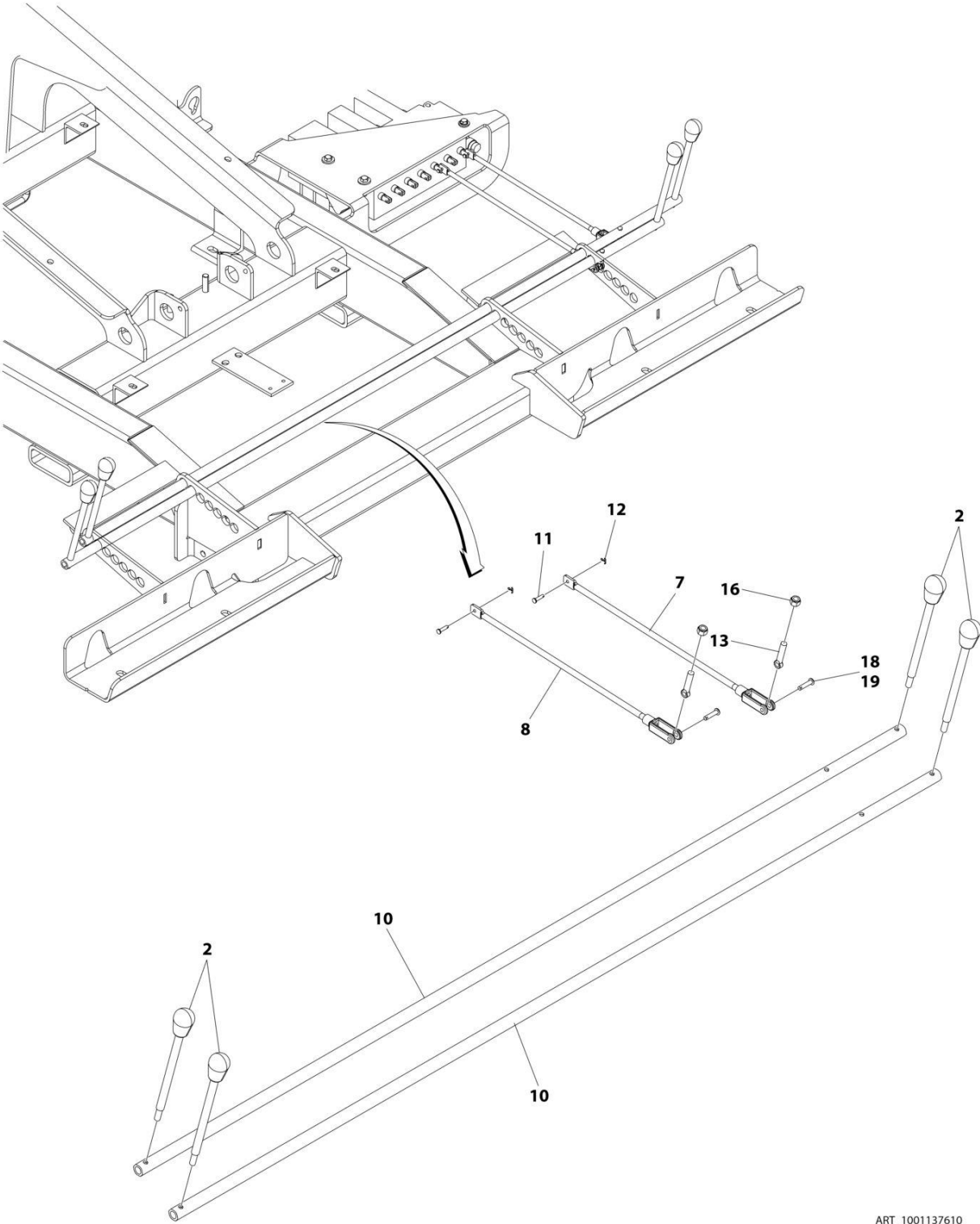
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FIGURE 5-4. CONTROLS INSTALLATION - WINCH (WITHOUT FLY BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137609	Ref	CONTROLS INSTALLATION - WINCH	B
2	3551000057	2	Handle Assembly	
8	4763000400	1	Rod	
10	4763000154	1	Rod	
11	7690101200	1	Pin	
12	7690000810	1	Pin	
13	7765000006	1	Rod End	
16	7660160000	1	Nut 3/8	
18	7690141600	1	Pin	
19	7691000075	1	Cotter, Pin	

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FIGURE 5-5. CONTROLS INSTALLATION - WINCH (WITH FLY BOOM)



ART_1001137610

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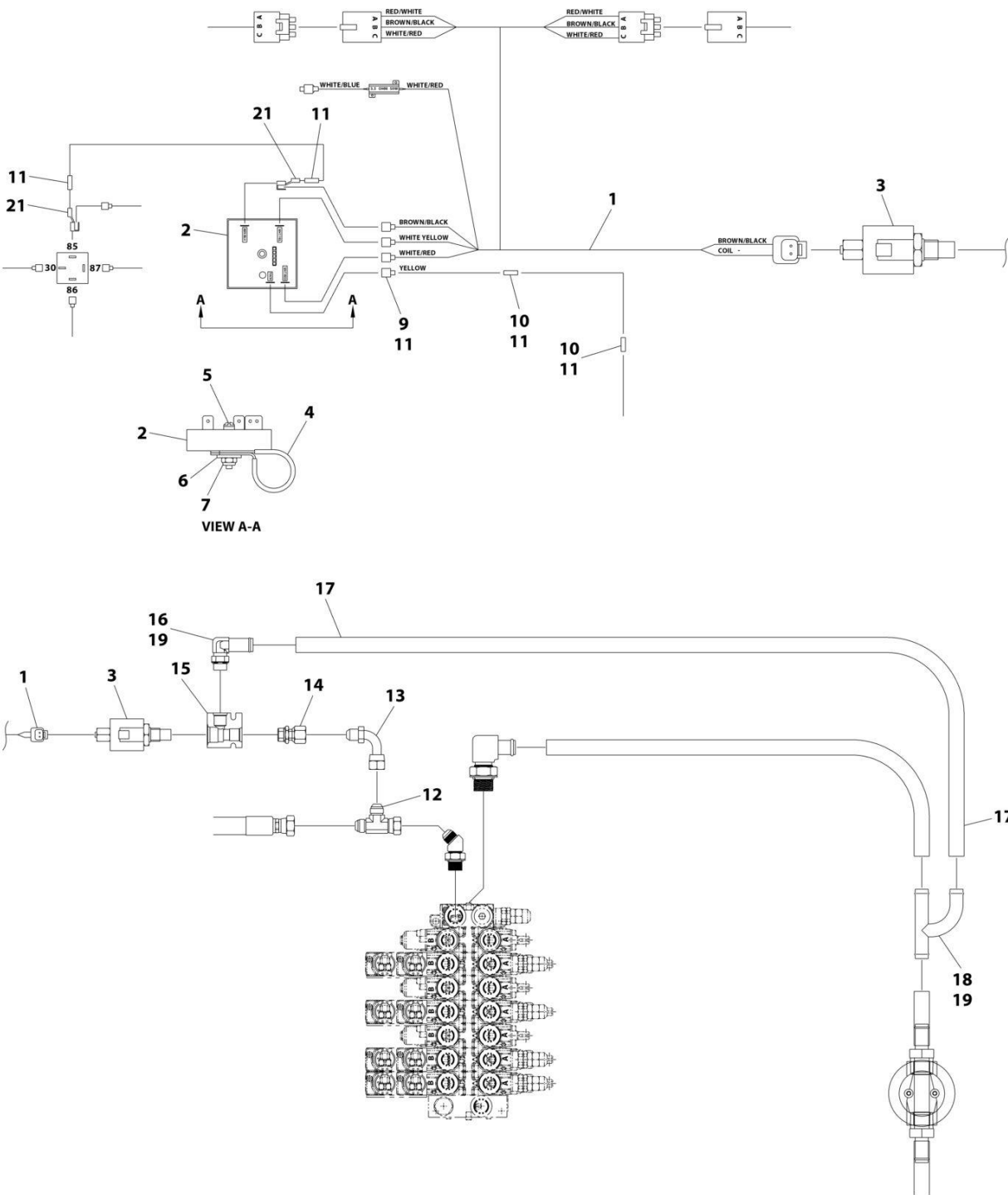
FIGURE 5-5. CONTROLS INSTALLATION - WINCH (WITH FLY BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137610	Ref	CONTROLS INSTALLATION - WINCH (WITH FLY BOOM)	B
2	3551000057	4	Handle Assembly	
7	4763000399	1	Rod	
8	4763000400	1	Rod	
10	4763000154	2	Rod	
11	7690101200	2	Pin	
12	7690000810	2	Pin	
13	7765000006	2	Rod End	
16	7660160000	2	Nut 3/8	
18	7690141600	2	Pin	
19	7691000075	2	Cotter, Pin	

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FIGURE 6-1. HOSE INSTALLATION - ANTI-STALL (FORD V8)



ART_1001126961

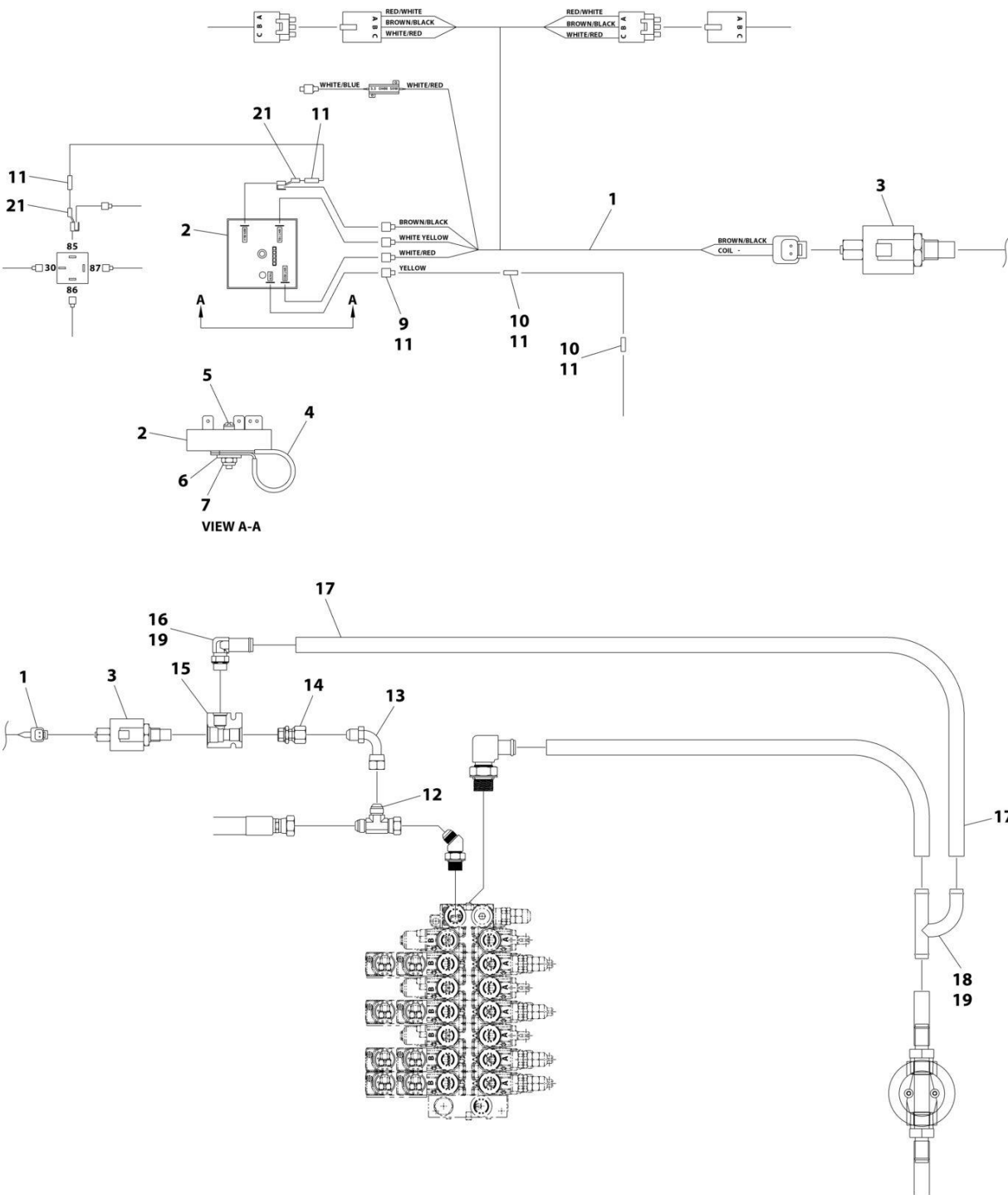
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FIGURE 6-1. HOSE INSTALLATION - ANTI-STALL (FORD V8)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001126961	Ref	ANTI-STALL INSTALLATION (FORD V8)	0
1	7552000427	1	Anti-Stall Harness (See Separate Breakdown in ELECTRICAL Section)	
2	1001126957	1	Module, Control (Anti-Stall)	
3	7935000361	1	Valve, Solenoid Cartridge	
4	7274000040	1	Clamp	
5	7114060810	1	Capscrew #6 x 1	
6	7950100163	1	Washer #10	
7	7660062604	1	Nut #6	
9	7345001710	1	Tab	
10	7345001714	2	Terminal	
11	7346000039	AR	Tube	
12	7443000063	1	Fitting, Tee	
13	7443000023	1	Fitting, 90	
14	7445080898	1	Fitting, Straight	
15	7935000370	1	Valve	
16	7443000436	1	Fitting, 90	
17	4570000227	1	Hose	
18	7443000473	1	Fitting, 90	
19	7274000080	4	Clamp	
21	7345001747	2	Fasteners	

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FIGURE 6-2. HOSE INSTALLATION - ANTI-STALL (FORD V10)



ART_3509170134

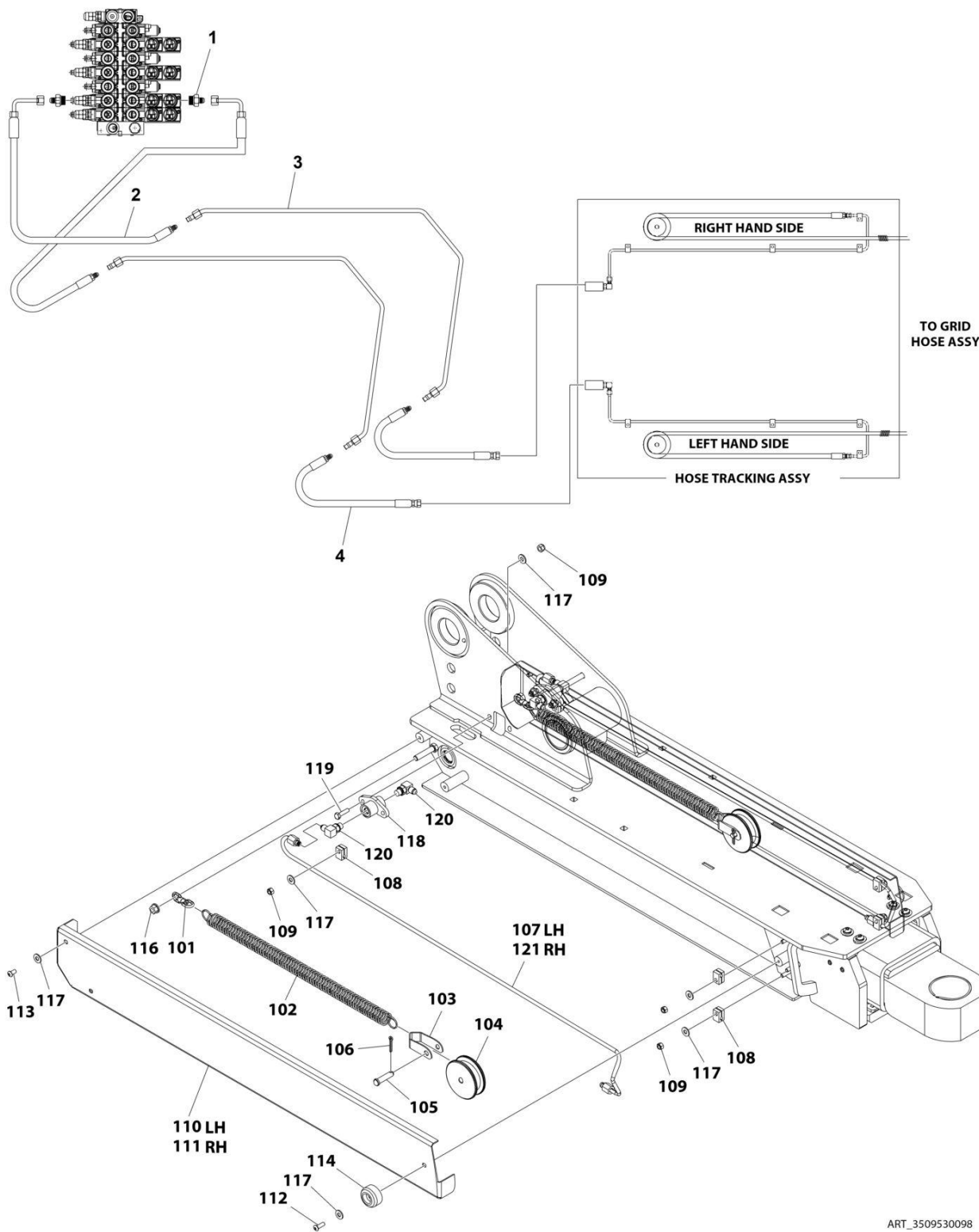
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FIGURE 6-2. HOSE INSTALLATION - ANTI-STALL (FORD V10)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3509170134	Ref	ANTI-STALL INSTALLATION (FORD V10)	A
1	7552000427	1	Anti-Stall Harness (See Separate Breakdown in ELECTRICAL Section)	
2	1001126957	1	Module, Control (Anti-Stall)	
3	7935000361	1	Valve, Solenoid Cartridge	
4	7274000040	1	Clamp	
5	7114060810	1	Capscrew #6 x 1	
6	7950100163	1	Washer #10	
7	7660062604	1	Nut #6	
9	7345001710	1	Tab	
10	7345001714	2	Terminal	
11	7346000039	AR	Tube	
12	7443000063	1	Fitting, Tee	
13	7443000023	1	Fitting, 90	
14	7445080898	1	Fitting, Straight	
15	7935000370	1	Valve	
16	7443000436	1	Fitting, 90	
17	4570000227	1	Hose	
18	7443000473	1	Fitting, 90	
19	7274000080	4	Clamp	
21	7345001747	2	Fasteners	

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FIGURE 6-3. HOSE INSTALLATION - HYDRAULIC GRIDS



ART_3509530098

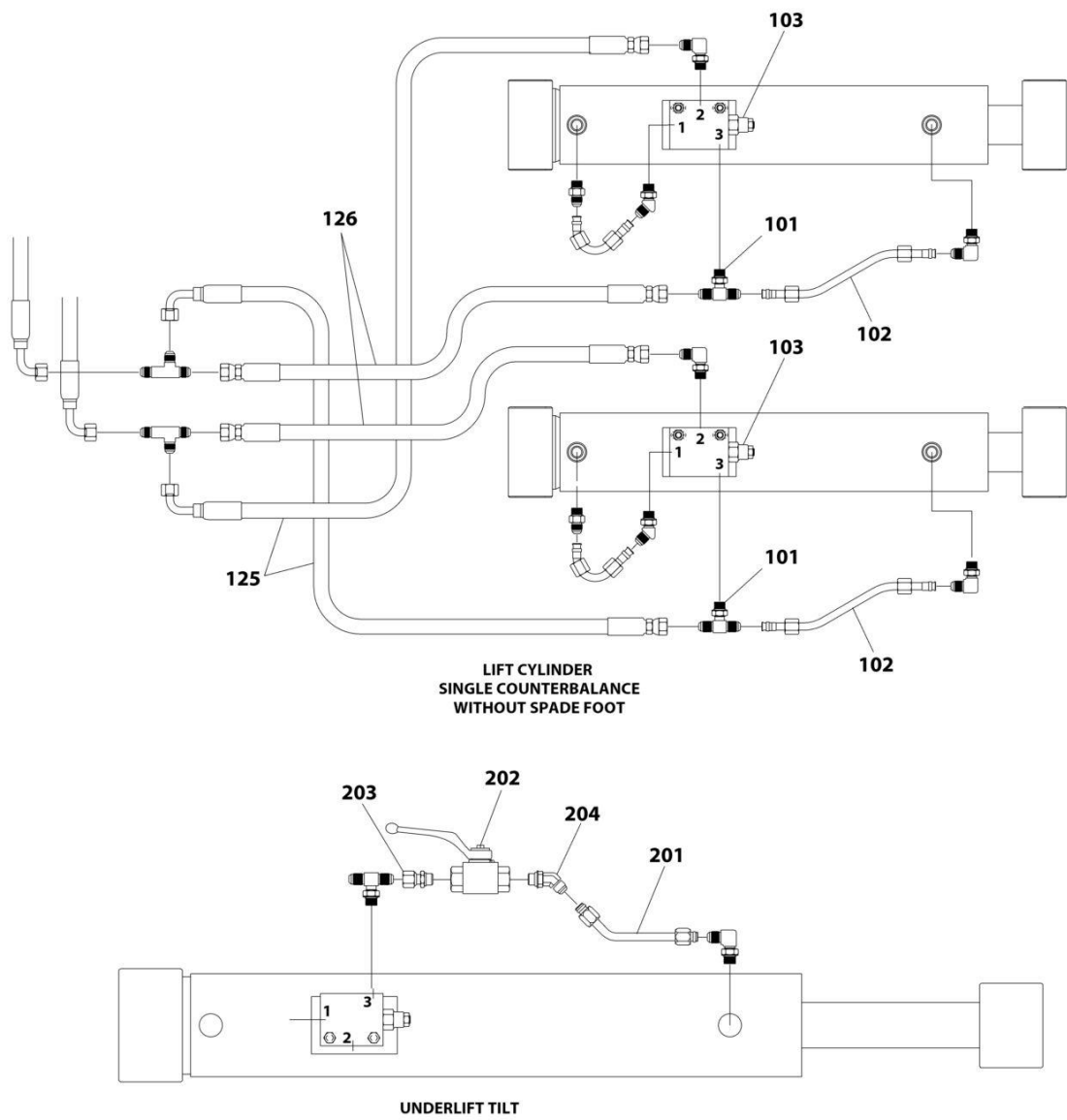
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FIGURE 6-3. HOSE INSTALLATION - HYDRAULIC GRIDS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3509530098	Ref	HOSE INSTALLATION - HYDRAULIC GRIDS	0
1	7445060843	2	Fitting, Straight	B
2	4569123054	2	Hose	
3	7912000202	2	Tube	
4	4570000229	2	Hose	
5	3509870046	1	Track Assembly (Not Shown)	
101	7592000004	2	Swivel	
102	7843000031	2	Spring	
103	4706003501	2	Plate	
104	7719000004	2	Roller	
105	7691000040	2	Clevis	
106	7691000042	2	Cotter Pin	
107	7912000346	1	Tube Assembly	
108	7274000073	6	Hose Clamp	
109	7660142604	10	Nut 1/4	
110	4706004066	1	Plate, LH	
111	4706004067	1	Plate, RH	
112	7114140618	2	Capscrew 1/4 x 3/4	
113	7114140427	4	Capscrew 1/4 x 1/2	
114	7189000019	2	Rubber Bumper	
116	7660162301	2	Nut 3/8	
117	7950140143	16	Washer 1/4	
118	3619000001	2	Manifold	
119	7115140850	4	Capscrew 1/4 x 1	
120	7445040445	4	Elbow	
121	7912000347	1	Tube Assembly	

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FIGURE 6-4. HOSE INSTALLATION - LIFT AND TILT CYLINDER (HYDRAULIC GRIDS/NO SPADES)



ART_HLFO1-MPL40

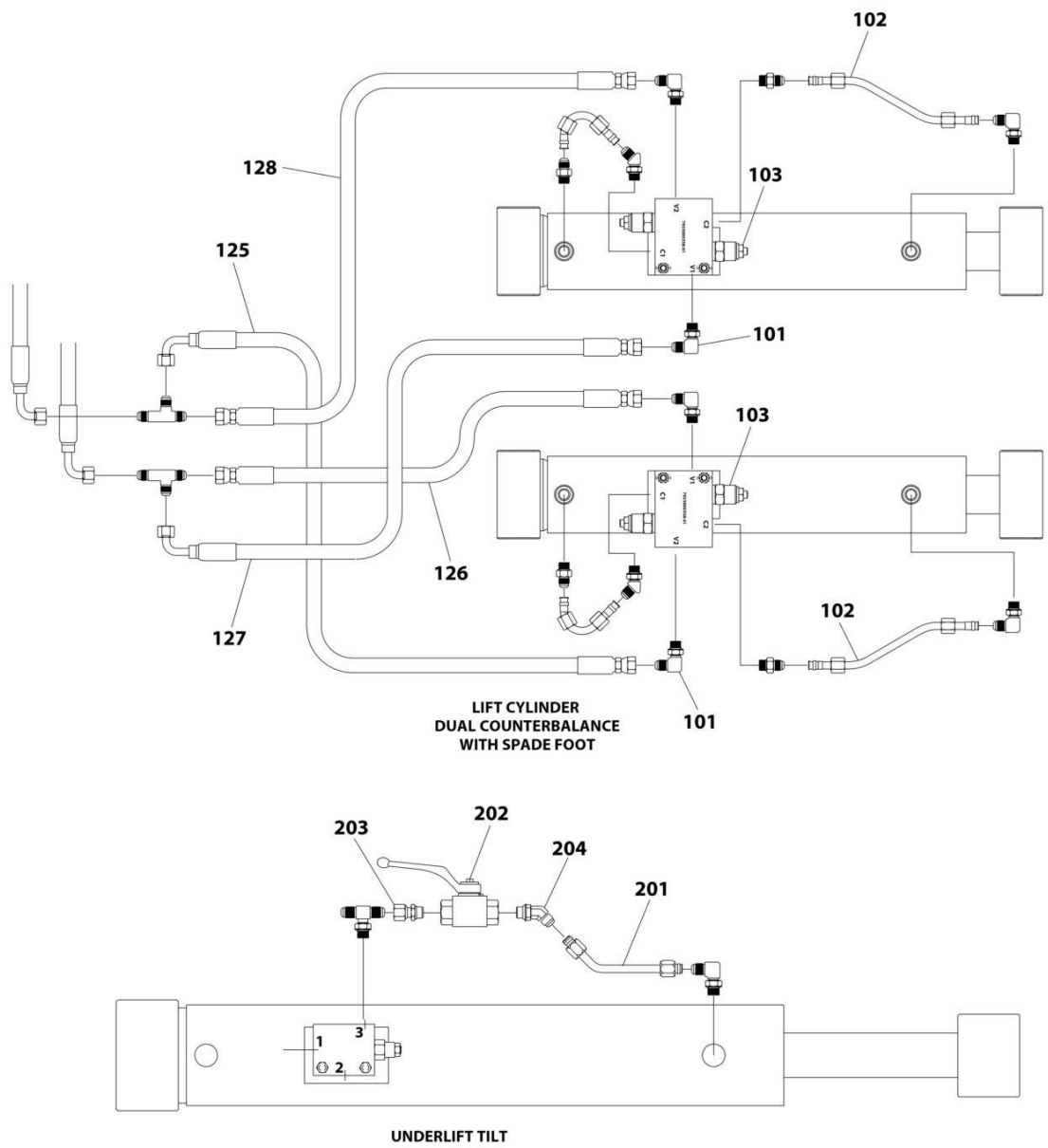
SECTION 6 - HYDRAULIC

FIGURE 6-4. HOSE INSTALLATION - LIFT AND TILT CYLINDER (HYDRAULIC GRIDS/NO SPADES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	HLFO1-MPL40	Ref	HOSE INSTALLATION - LIFT AND TILT CYLINDER (HYDRAULIC GRIDS/NO SPADES)	0
1	3509530142	Ref	Hose Installation - Lift Cylinder (Not Shown) (Includes Items 101-104)	
2	3509530143	1	Hose Installation - Tilt Cylinder (Not Shown) (Includes Items 201-204)	
	3509530142	Ref	HOSE INSTALLATION - LIFT CYLINDER	0
101	7445060647	2	Fitting, Tee	
102	7912000204	2	Tube	
103	7935000308	2	Valve Assembly	
103		Ref	Cartridge	
103	9935930102	1	Seal Kit - Cartridge	
104	7577000621	1	Hose Kit (Not Shown)	
125	4567122023	2	Hose	
126	4567120016	2	Hose	
	3509530143	Ref	HOSE INSTALLATION - TILT CYLINDER	0
201	7912000324	1	Tube	
202	7935000345	1	Valve	
203	7445060698	1	Fitting, Straight	
204	7445060646	1	Fitting, 45	

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FIGURE 6-5. HOSE INSTALLATION - LIFT AND TILT CYLINDER (HYDRAULIC GRIDS/WITH SPADES)



ART_HLFO3-MPL40

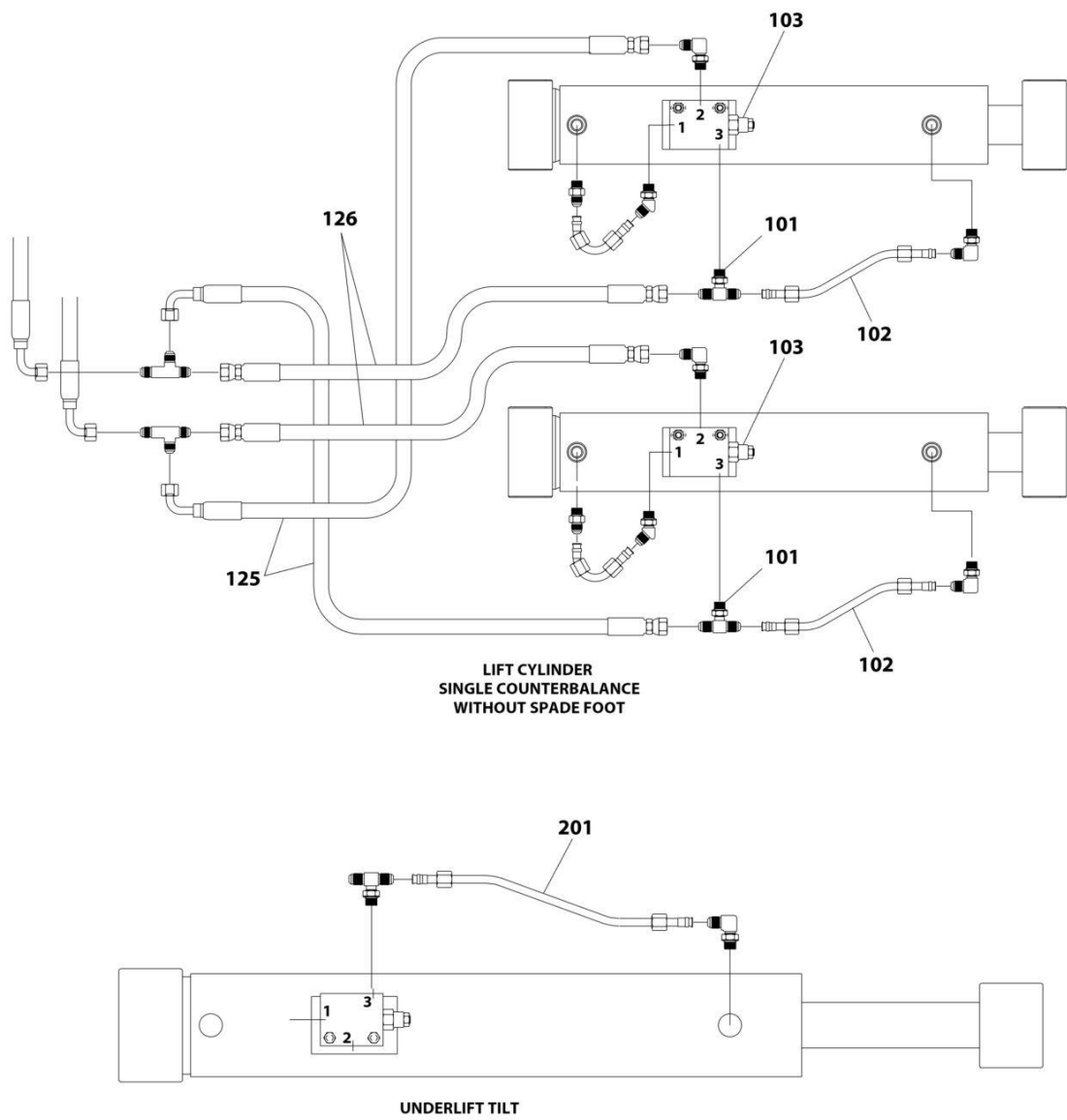
SECTION 6 - HYDRAULIC

FIGURE 6-5. HOSE INSTALLATION - LIFT AND TILT CYLINDER (HYDRAULIC GRIDS/WITH SPADES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	HLFO3-MPL40	Ref	HOSE INSTALLATION - LIFT AND TILT CYLINDER (HYDRAULIC GRIDS/NO SPADES)	0
1	3509530141	Ref	Hose Installation - Lift Cylinder (Not Shown) (Includes Items 101-104)	
2	3509530143	Ref	Hose Installation - Tilt Cylinder (Not Shown) (Includes Items 201-204)	
	3509530141	Ref	HOSE INSTALLATION - LIFT CYLINDER	0
101	7445060645	1	Fitting, 90	
102	7912000330	1	Tube	
103	7935000358	1	Valve Assembly	
103		Ref	Cartridge	
103	9935930102	1	Seal Kit - Cartridge	
104	7577000620	1	Hose Kit (Not Shown)	
125	4567122023	2	Hose	
126	4567120016	2	Hose	
127	4567011018	1	Hose	
128	4567120021	1	Hose	
	3509530143	Ref	HOSE INSTALLATION - TILT CYLINDER	0
201	7912000324	1	Tube	
202	7935000345	1	Valve	
203	7445060698	1	Fitting, Straight	
204	7445060646	1	Fitting, 45	

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FIGURE 6-6. HOSE INSTALLATION - LIFT AND TILT CYLINDER (MANUAL GRIDS/NO SPADES)



ART_HLFS-MPL40

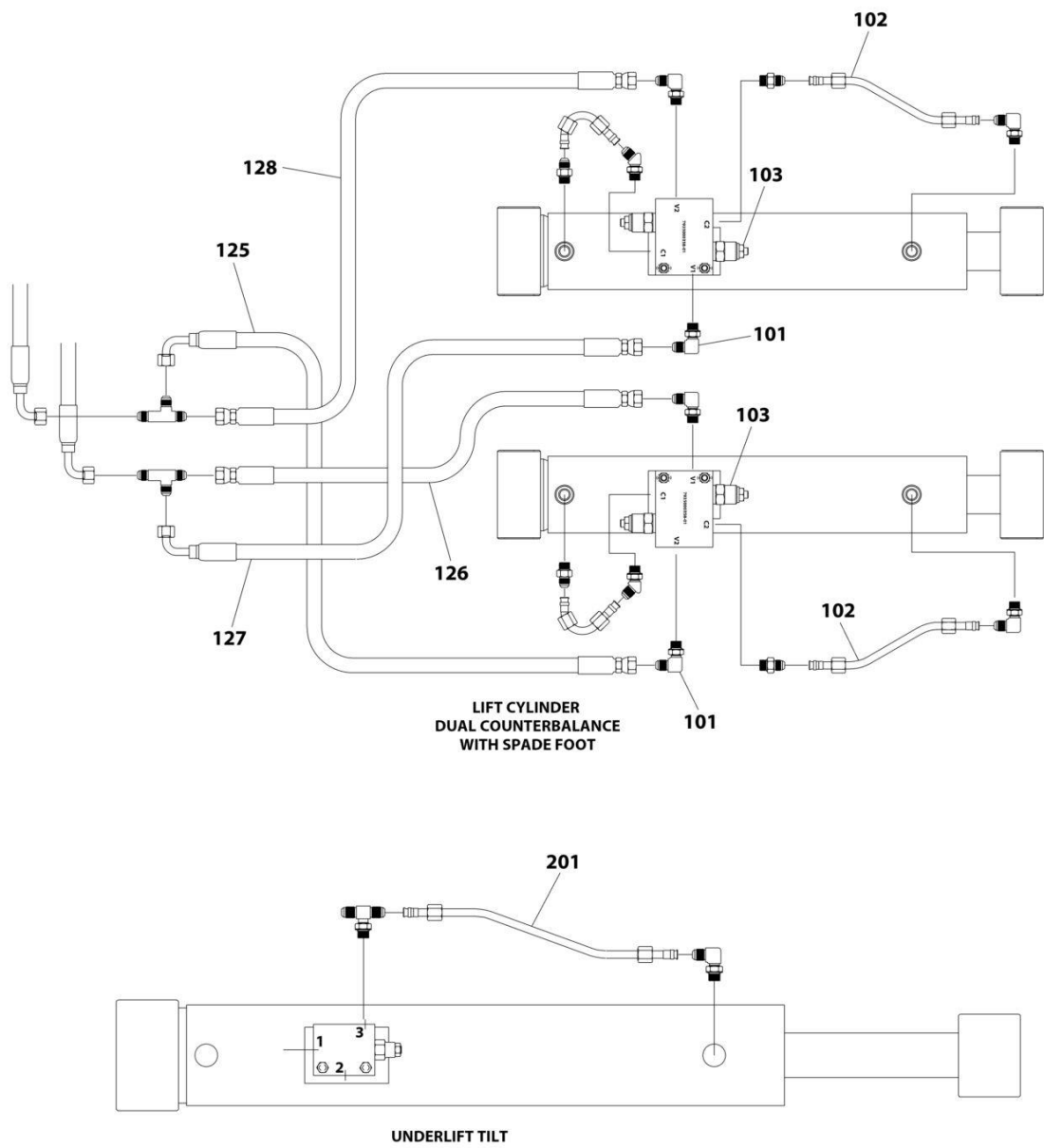
SECTION 6 - HYDRAULIC

FIGURE 6-6. HOSE INSTALLATION - LIFT AND TILT CYLINDER (MANUAL GRIDS/NO SPADES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	HLFS-MPL40	Ref	HOSE INSTALLATION - LIFT AND TILT CYLINDER (MANUAL GRIDS/NO SPADES)	0
1	3509530142	Ref	Hose Installation - Lift Cylinder (Not Shown) (Includes Items 101-104)	
2	3509530144	Ref	Hose Installation - Tilt Cylinder (Not Shown) (Includes Items 201)	
	3509530142	Ref	HOSE INSTALLATION - LIFT CYLINDER	0
101	7445060647	2	Fitting, Tee	
102	7912000204	2	Tube	
103	7935000308	2	Valve Assembly	
103		Ref	Cartridge	
103	9935930102	1	Seal Kit - Cartridge	
104	7577000621	1	Hose Kit (Not Shown)	
125	4567122023	2	Hose	
126	4567120016	2	Hose	
	3509530144	Ref	HOSE INSTALLATION - TILT CYLINDER	0
201	7912000205	1	Tube	

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FIGURE 6-7. HOSE INSTALLATION - LIFT AND TILT CYLINDER (MANUAL GRIDS/WITH SPADES)



ART_HLFO2-MPL40

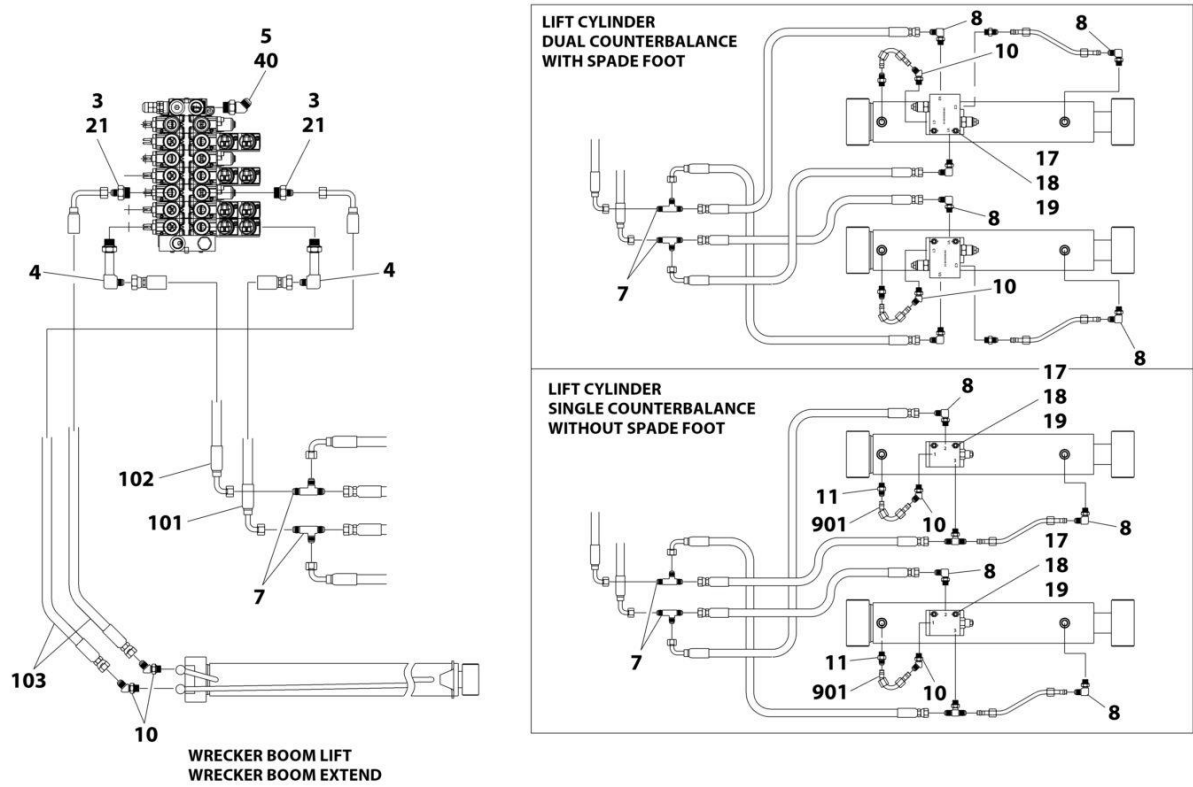
SECTION 6 - HYDRAULIC

FIGURE 6-7. HOSE INSTALLATION - LIFT AND TILT CYLINDER (MANUAL GRIDS/WITH SPADES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	HLFO2-MPL40	Ref	HOSE INSTALLATION - LIFT AND TILT CYLINDER (MANUAL GRIDS/NO SPADES)	0
1	3509530141	Ref	Hose Installation - Lift Cylinder (Not Shown) (Includes Items 101-104)	
2	3509530144	Ref	Hose Installation - Tilt Cylinder (Not Shown) (Includes Items 201)	
	3509530141	Ref	HOSE INSTALLATION - LIFT CYLINDER	0
101	7445060645	2	Fitting, 90	
102	7912000330	2	Tube	
103	7935000358	2	Valve Assembly	
103		Ref	Cartridge	
103	9935930102	1	Seal Kit - Cartridge	
104	7577000620	1	Hose Kit (Not Shown)	
125	4567122023	2	Hose	
126	4567120016	2	Hose	
127	4567011018	1	Hose	
128	4567120021	1	Hose	
	3509530144	Ref	HOSE INSTALLATION - TILT CYLINDER	0
201	7912000205	1	Tube	

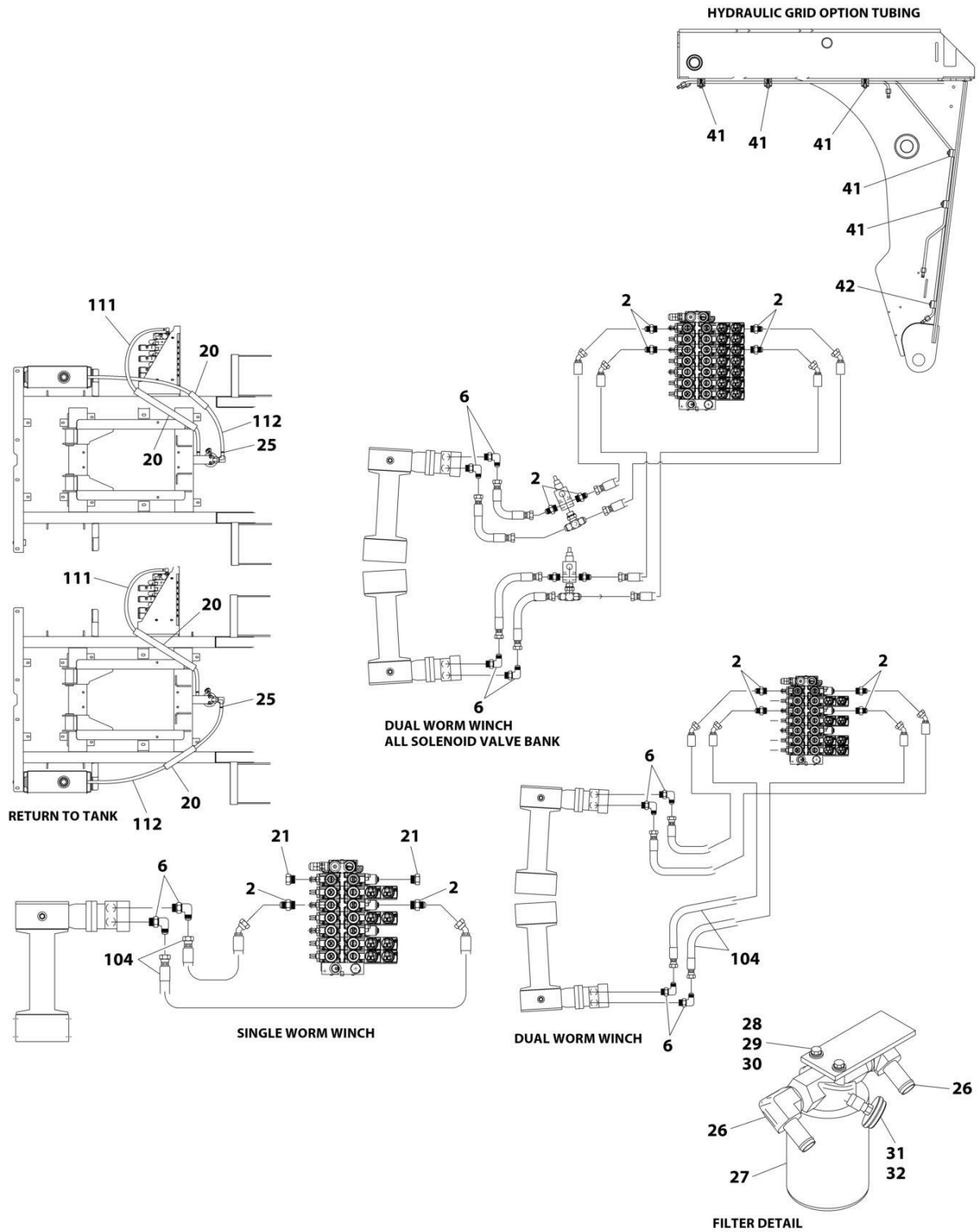
SECTION 6 - HYDRAULIC

FIGURE 6-8. HOSE INSTALLATION - WINCH (SINGLE)



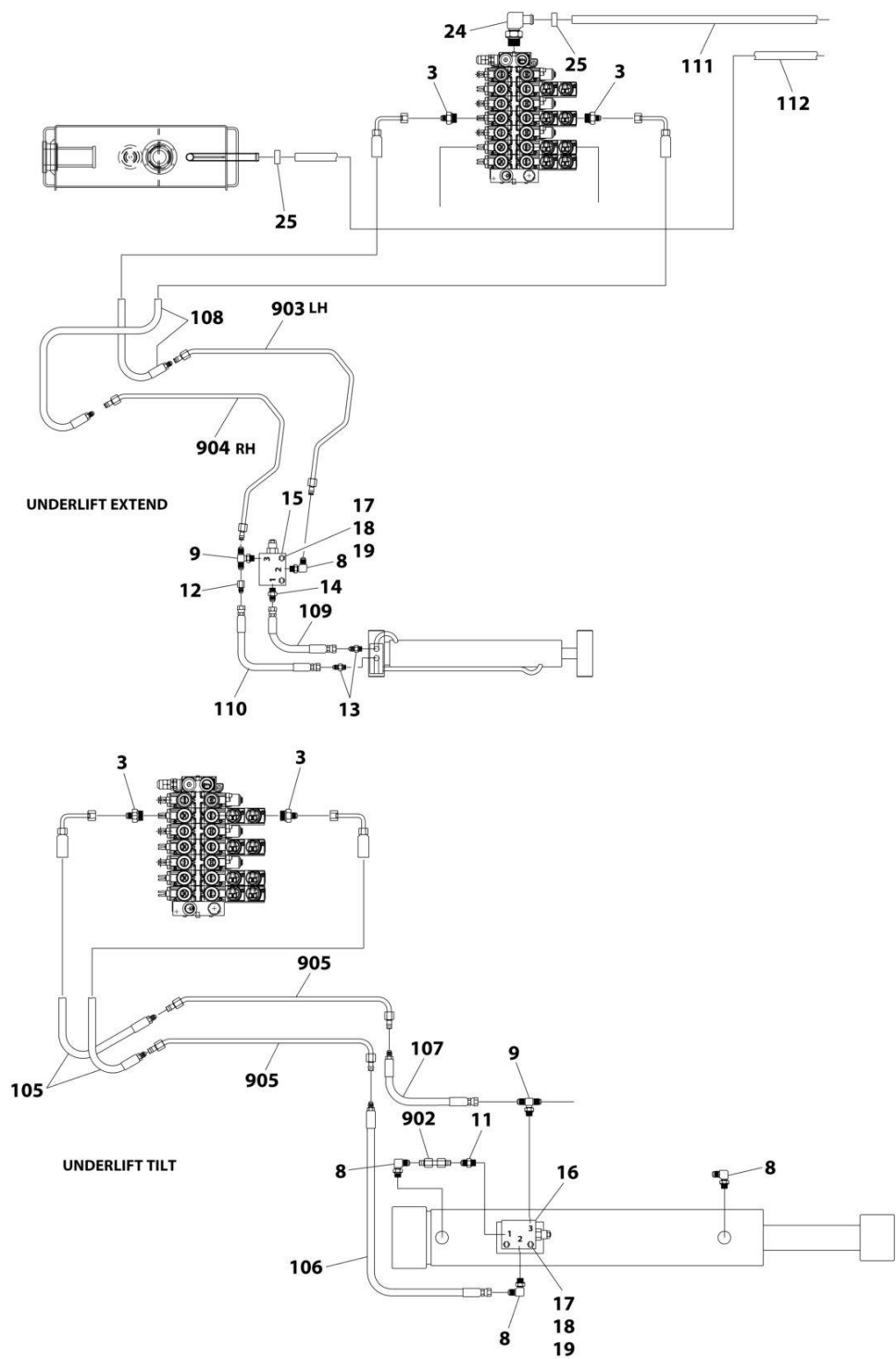
ART_3509530157_1OF3

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ART_3509530157_20F3

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ART_3509530157_3OF3

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FIGURE 6-8. HOSE INSTALLATION - WINCH (SINGLE)

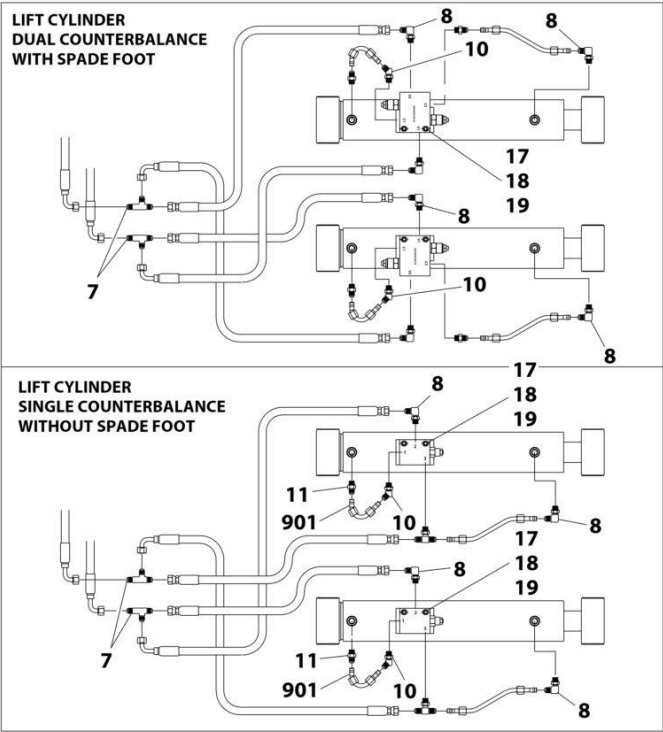
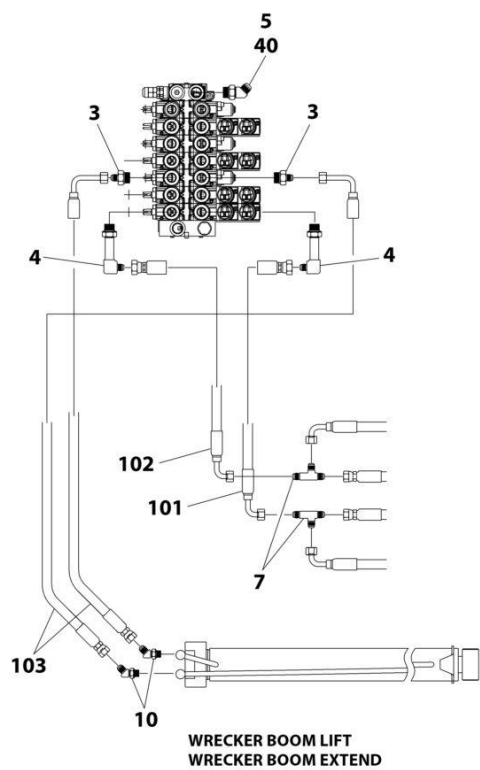
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3509530157	Ref	HYDRAULIC INSTALLATION - SINGLE WINCH	F
1	7577000645	Ref	Hose, Kit (Not Shown) (Includes Items 101-112)	
2	7445080843	2	Fitting, Straight	
3	7445060843	6	Fitting, Straight	
4	7443000231	2	Fitting, 90	
5	7445081046	1	Fitting, 45	
6	7445081045	2	Fitting, 90	
7	7443000372	2	Fitting, Tee	
8	7445060645	8	Fitting, 90	
9	7445060647	2	Fitting, Tee	
10	7445060646	4	Fitting, 45	
11	7445060643	3	Fitting, Straight	
12	7443000105	1	Reducer	
13	7445040443	2	Fitting, Straight	
14	7445040643	1	Fitting, Straight	
15	7935000308	1	Valve Assembly	
15		Ref	Cartridge	
15	9935930102	1	Seal Kit - Cartridge	
16	1001173683	1	Valve	
16		Ref	Cartridge	
16	2900770	1	Seal Kit - Cartridge	
17	7115151650	8	Bolt 5/16 x 2	
18	7950150161	8	Washer 5/16	
19	7660152601	8	Nut 5/16	
20	8565000007	10 ft /3m	Hose	
21	7443000048	2	Fitting, Plug	
24	7443000168	1	Fitting, Straight	
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	
34	7577000622	Ref	Tube, Kit (Not Shown) (Includes Items 901-905)	
40	7445080818	1	Nut #8	
41	1001131306	13	Clamp	
42	1001131323	2	Clamp	
	7577000645	Ref	HOSE, KIT	B
101	4567122026	1	Hose	
102	4567122024	1	Hose	
103	4567123056	2	Hose	
104	4567131080	2	Hose	
105	4569123061	2	Hose	
106	4569120017	1	Hose	
107	4569120018	1	Hose	
108	4569123054	2	Hose	
109	4567110024	1	Hose	
110	4567110025	1	Hose	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
111	1001130043	1	Hose	0
112	4570000377	1	Hose	
	7577000622	Ref	TUBE, KIT	
901	7912000028	2	Tube	
902	7912000078	1	Tube	
903	7912000200	1	Tube	
904	7912000201	1	Tube	
905	7912000203	2	Tube	

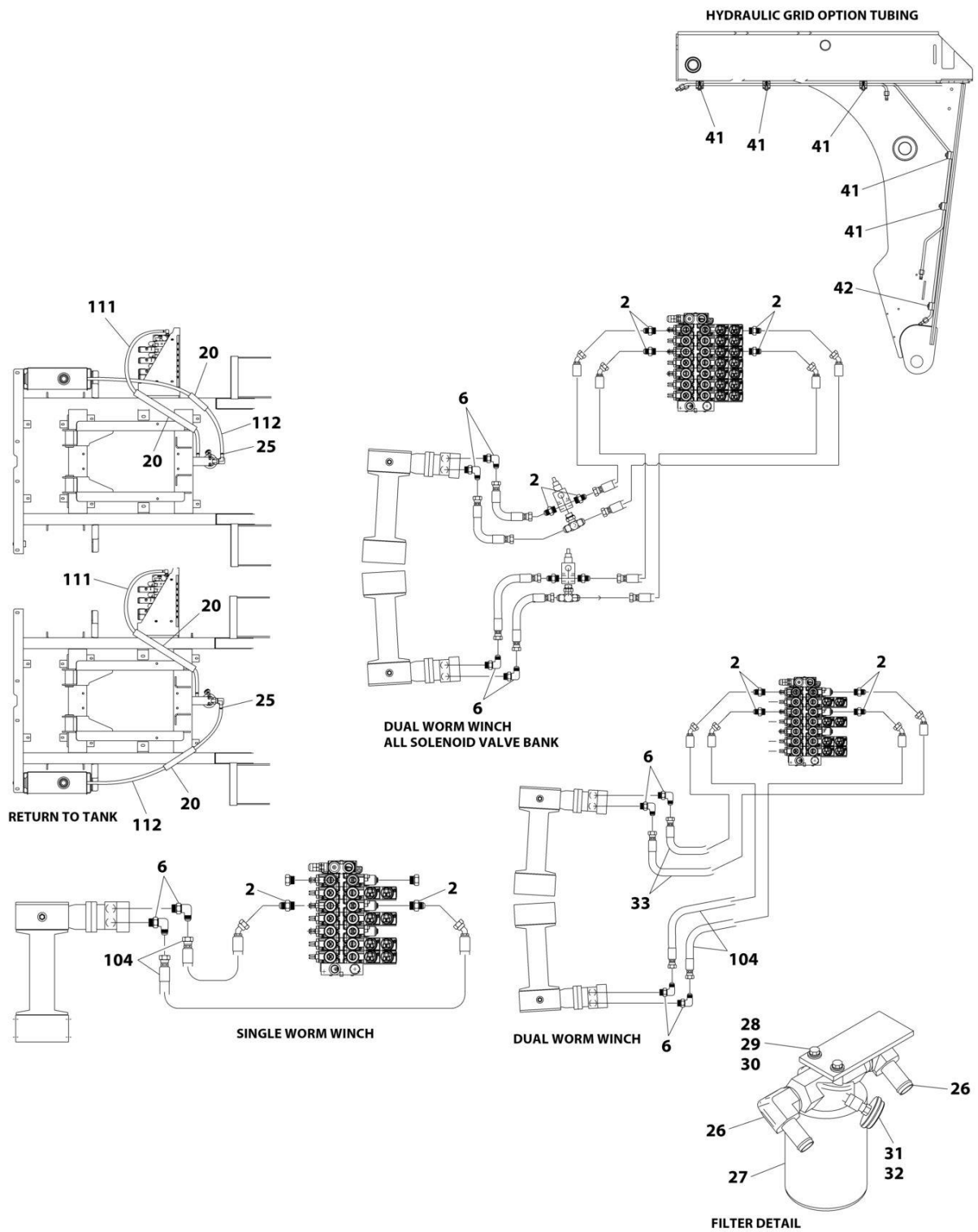
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FIGURE 6-9. HOSE INSTALLATION - WINCH (DUAL WITH NO FLY BOOM)



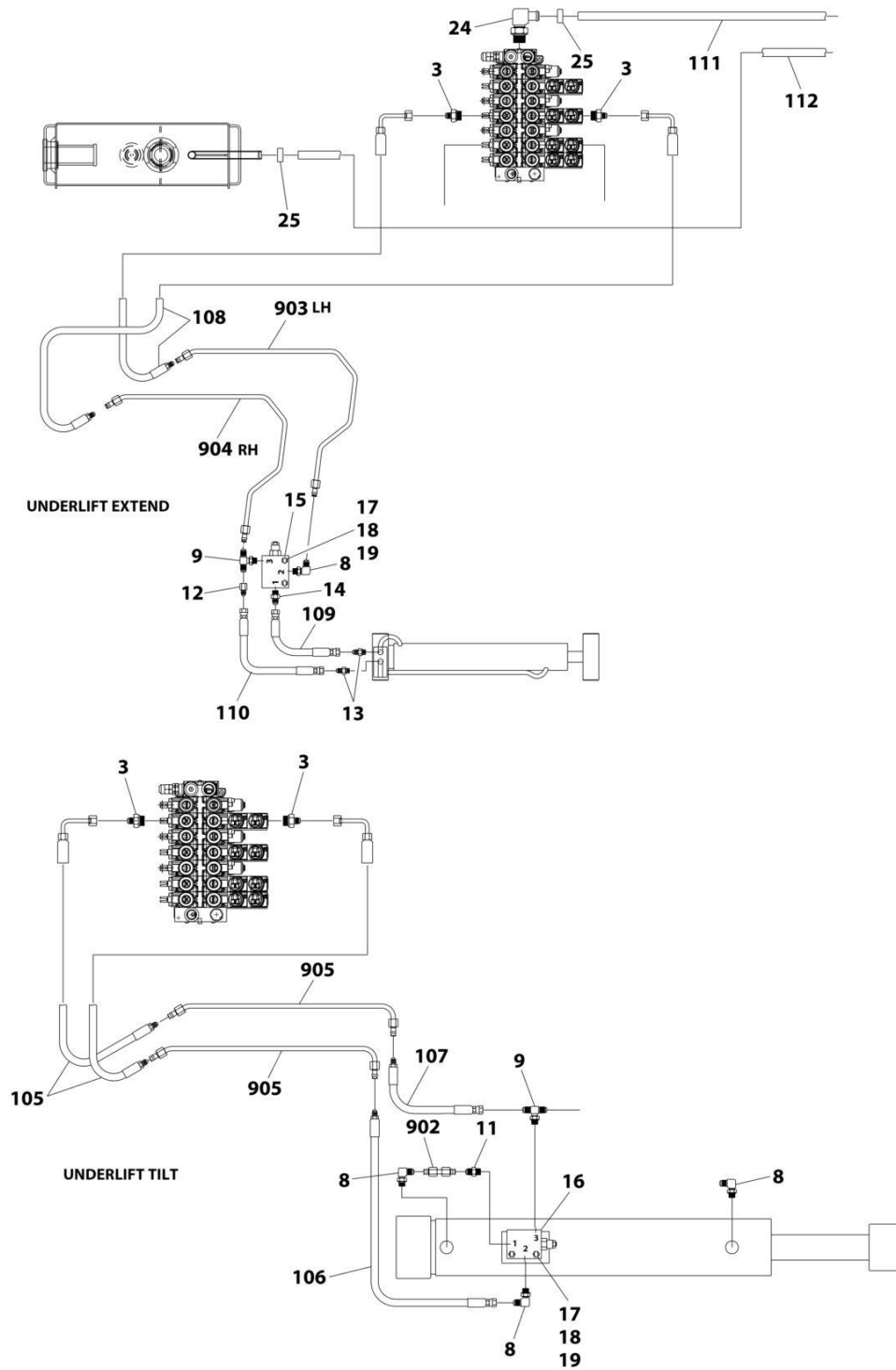
ART_3509530156_1OF3

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ART_3509530156_20F3

SECTION 6 - HYDRAULIC



ART_3509530156_3OF3

SECTION 6 - HYDRAULIC

FIGURE 6-9. HOSE INSTALLATION - WINCH (DUAL WITH NO FLY BOOM)

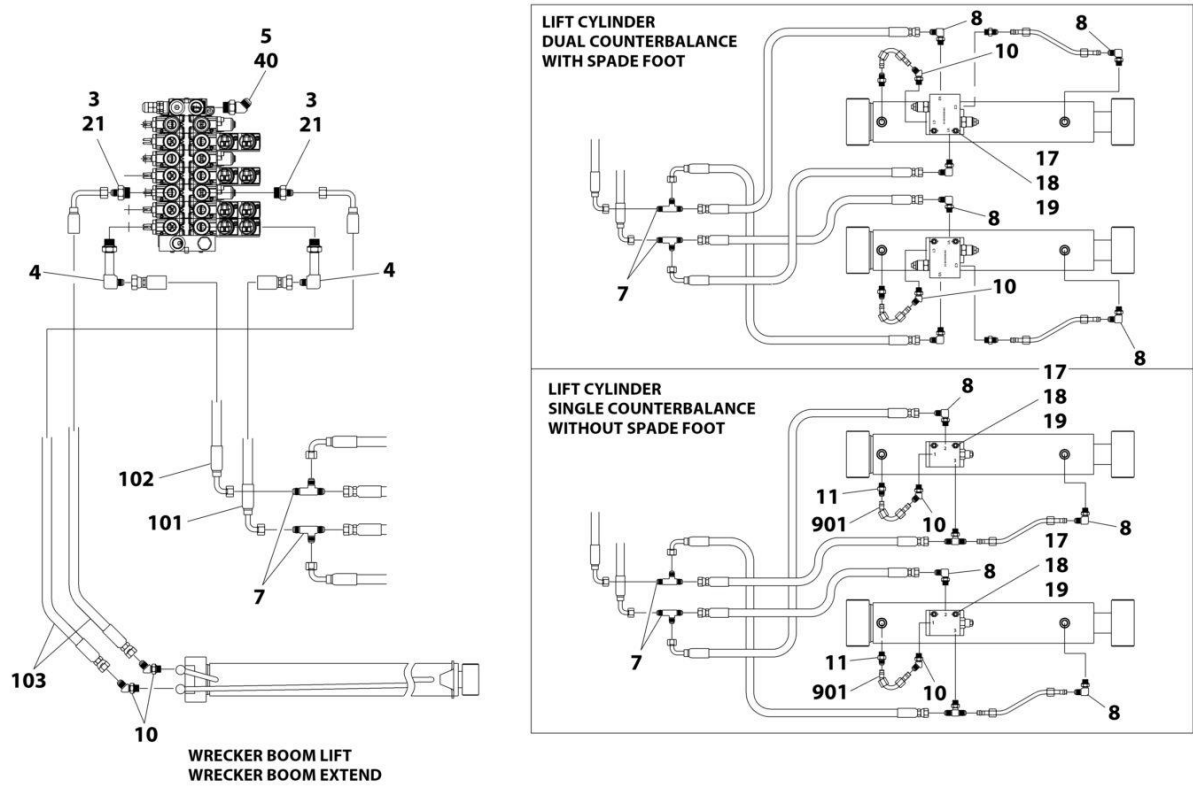
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3509530156	Ref	HYDRAULIC INSTALLATION - DUAL WINCH (WITH FLY BOOM)	F
1	7577000645	Ref	Hose, Kit (Not Shown) (Includes Items 101-112)	
2	7445080843	4	Fitting, Straight	
3	7445060843	6	Fitting, Straight	
4	7443000231	2	Fitting, 90	
5	7445081046	1	Fitting, 45	
6	7445081045	4	Fitting, 90	
7	7443000372	2	Fitting, Tee	
8	7445060645	8	Fitting, 90	
9	7445060647	2	Fitting, Tee	
10	7445060646	4	Fitting, 45	
11	7445060643	3	Fitting, Straight	
12	7443000105	1	Reducer	
13	7445040443	2	Fitting, Straight	
14	7445040643	1	Fitting, Straight	
15	7935000308	1	Valve Assembly	
15		Ref	Cartridge	
15	9935930102	1	Seal Kit - Cartridge	
16	1001173683	1	Valve	
16		Ref	Cartridge	
16	2900770	1	Seal Kit - Cartridge	
17	7115151650	8	Bolt 5/16 x 2	
18	7950150161	8	Washer 5/16	
19	7660152601	8	Nut 5/16	
20	8565000007	10 ft /3m	Hose	
24	7443000168	1	Fitting, Straight	
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	4567131080	2	Hose	
34	7577000622	Ref	Tube, Kit (Not Shown) (Includes Items 901-905)	
40	7445080818	1	Nut #8	
41	1001131306	13	Clamp	
42	1001131323	2	Clamp	
	7577000645	Ref	HOSE, KIT	B
101	4567122026	1	Hose	
102	4567122024	1	Hose	
103	4567123056	2	Hose	
104	4567131080	2	Hose	
105	4569123061	2	Hose	
106	4569120017	1	Hose	
107	4569120018	1	Hose	
108	4569123054	2	Hose	
109	4567110024	1	Hose	
110	4567110025	1	Hose	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
111	1001130043	1	Hose	0
112	4570000377	1	Hose	
	7577000622	Ref	TUBE, KIT	
901	7912000028	2	Tube	
902	7912000078	1	Tube	
903	7912000200	1	Tube	
904	7912000201	1	Tube	
905	7912000203	2	Tube	

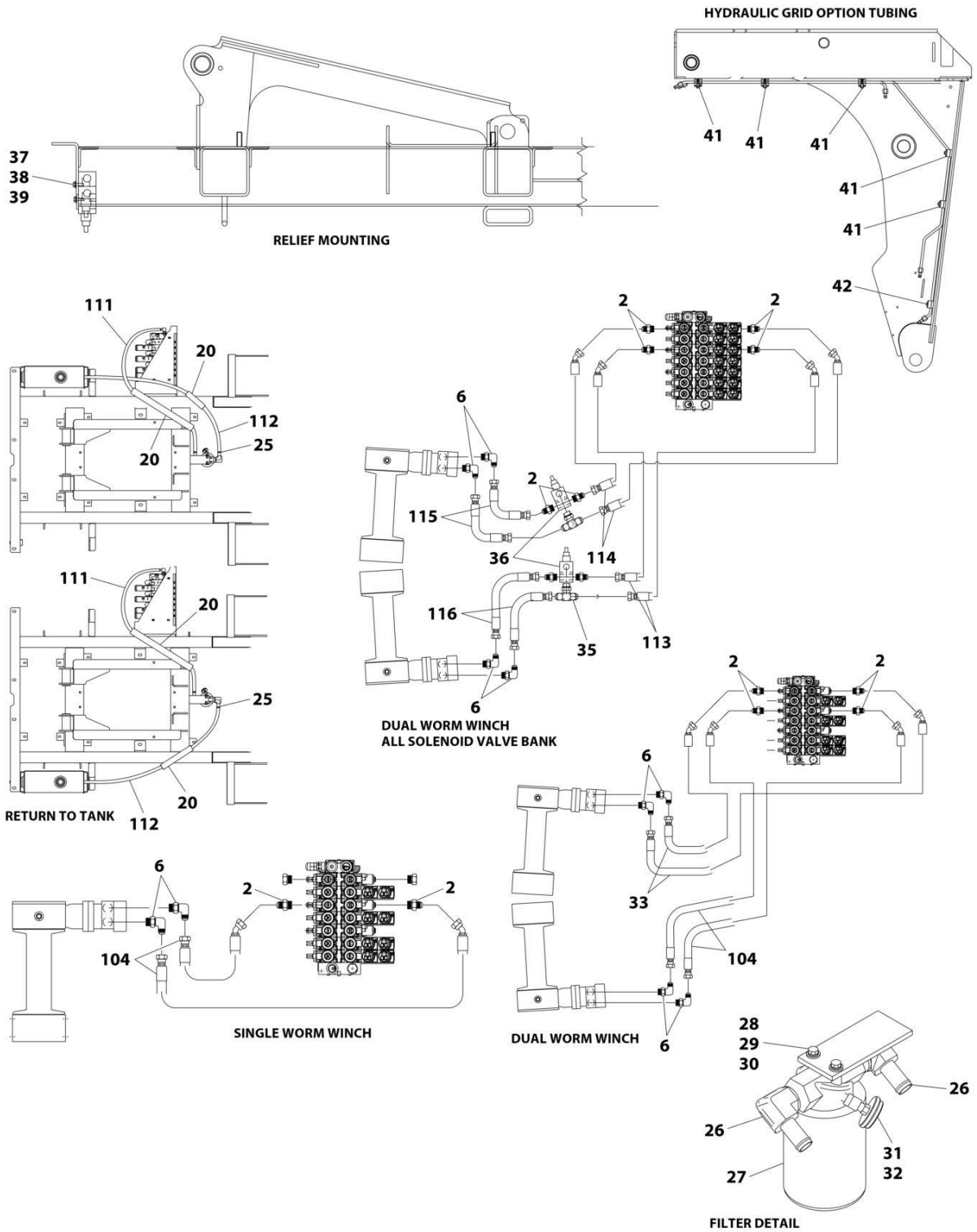
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FIGURE 6-10. HOSE INSTALLATION - WINCH (DUAL SPECIAL)



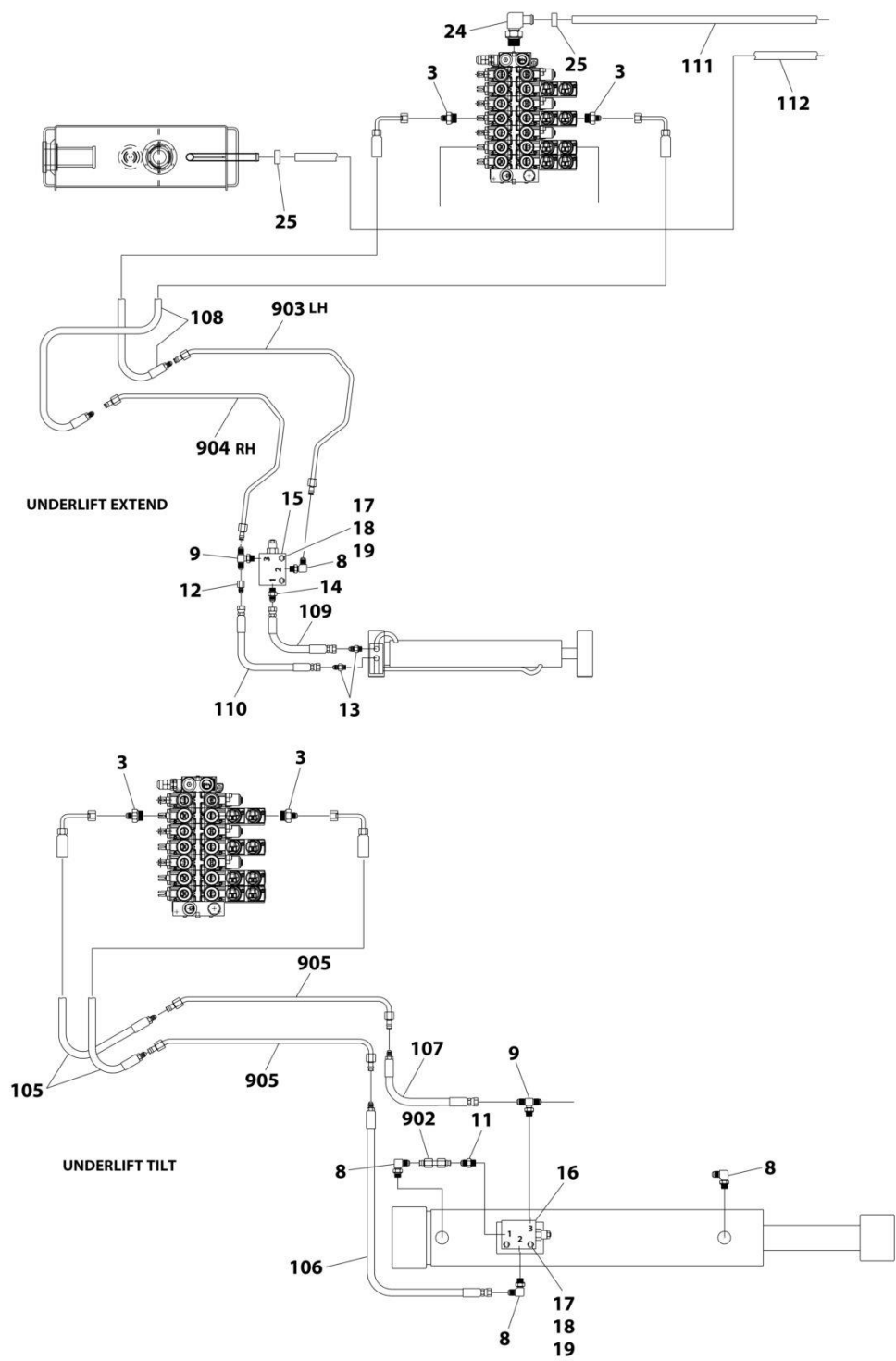
ART_1001133326_1OF3

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ART_1001133326_2OF3

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ART_1001133326_3OF3

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FIGURE 6-10. HOSE INSTALLATION - WINCH (DUAL SPECIAL)

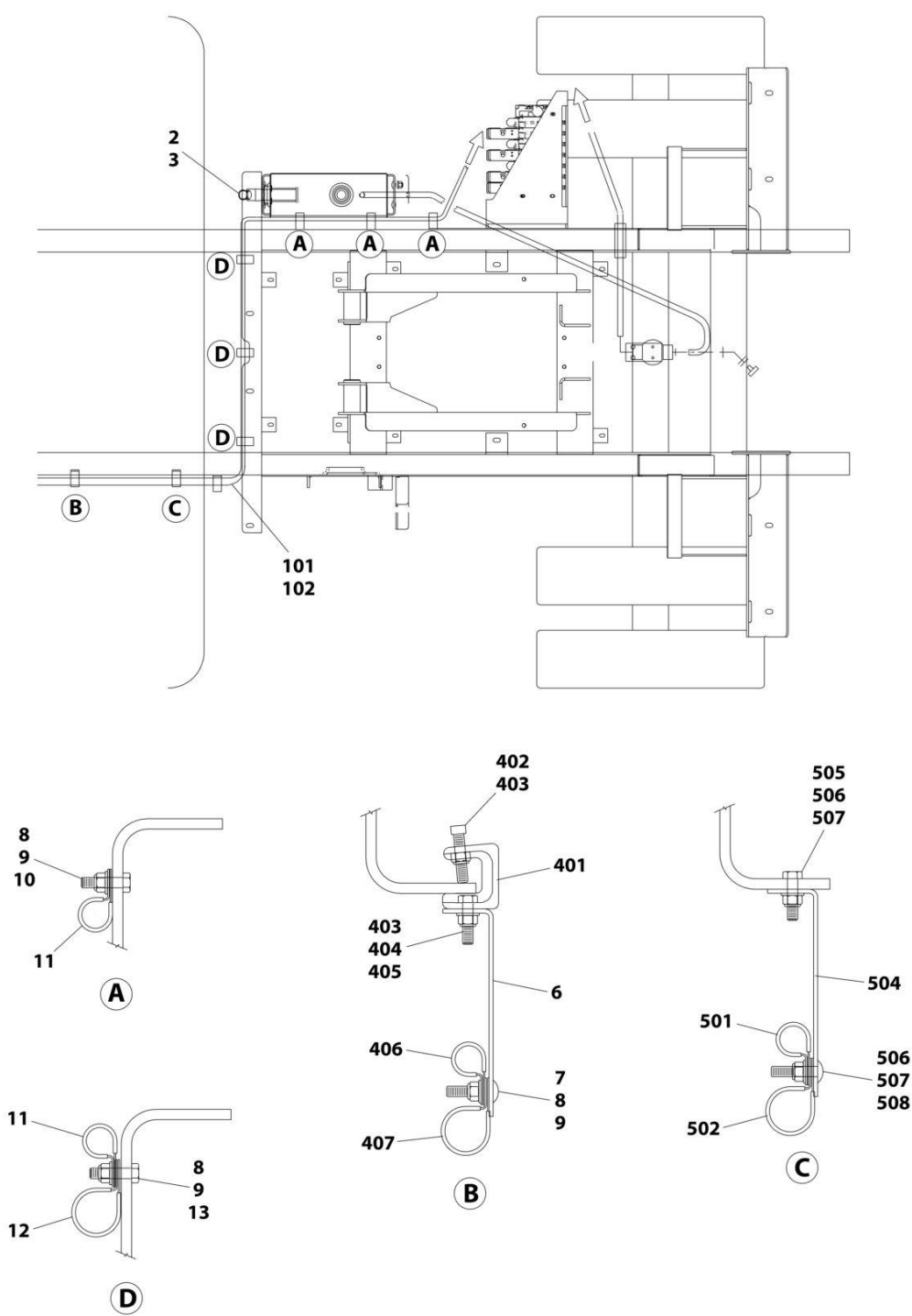
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133326	Ref	HYDRAULIC INSTALLATION - DUAL WINCH (SPECIAL) (WITH FLY BOOM)	F
1	1001133325	Ref	Hose, Kit (Not Shown) (Includes Items 101-116)	
2	7445080843	8	Fitting, Straight	
3	7445060843	6	Fitting, Straight	
4	7443000231	2	Fitting, 90	
5	7445081046	1	Fitting, 45	
6	7445081045	4	Fitting, 90	
7	7443000372	2	Fitting, Tee	
8	7445060645	8	Fitting, 90	
9	7445060647	2	Fitting, Tee	
10	7445060646	4	Fitting, 45	
11	7445060643	3	Fitting, Straight	
12	7443000105	1	Reducer	
13	7445040443	2	Fitting, Straight	
14	7445040643	1	Fitting, Straight	
15	7935000308	1	Valve Assembly	
15		Ref	Cartridge	
15	9935930102	1	Seal Kit - Cartridge	
16	1001173683	1	Valve	
16		Ref	Cartridge	
16	2900770	1	Seal Kit - Cartridge	
17	7115151650	8	Bolt 5/16 x 2	
18	7950150161	8	Washer 5/16	
19	7660152601	8	Nut 5/16	
20	8565000007	10 ft /3m	Hose	
21	7443000048	1	Fitting, Plug	
24	7443000168	1	Fitting, Straight	
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	4567131080	2	Hose	
34	7577000622	Ref	Tube, Kit (Not Shown) (Includes Items 901-905)	
35	7445080847	2	Fitting, Tee	
36	7935000258	2	Valve	
37	7115140650	4	Bolt 1/4 x 3/4	
38	7950140141	4	Washer 1/4	
39	7950140003	4	Washer 1/4	
40	7445080818	1	Nut #8	
41	1001131306	13	Clamp	
42	1001131323	2	Clamp	
	1001133325	Ref	HOSE, KIT	A
101	4567122026	1	Hose	
102	4567122024	1	Hose	
103	4567123056	2	Hose	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
105	4569123061	2	Hose	0
106	4569120017	1	Hose	
107	4569120018	1	Hose	
108	4569123054	2	Hose	
109	4567110024	1	Hose	
110	4567110025	1	Hose	
111	1001130043	1	Hose	
112	4570000377	1	Hose	
113	4567131065	2	Hose	
114	4567131058	2	Hose	
115	4567132040	2	Hose	
116	4567132043	2	Hose	
	7577000622	Ref	TUBE, KIT	
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 6-11. HOSE AND CLAMP INSTALLATION (CHEVY-GMC – 137IN WB)



ART_1001132813

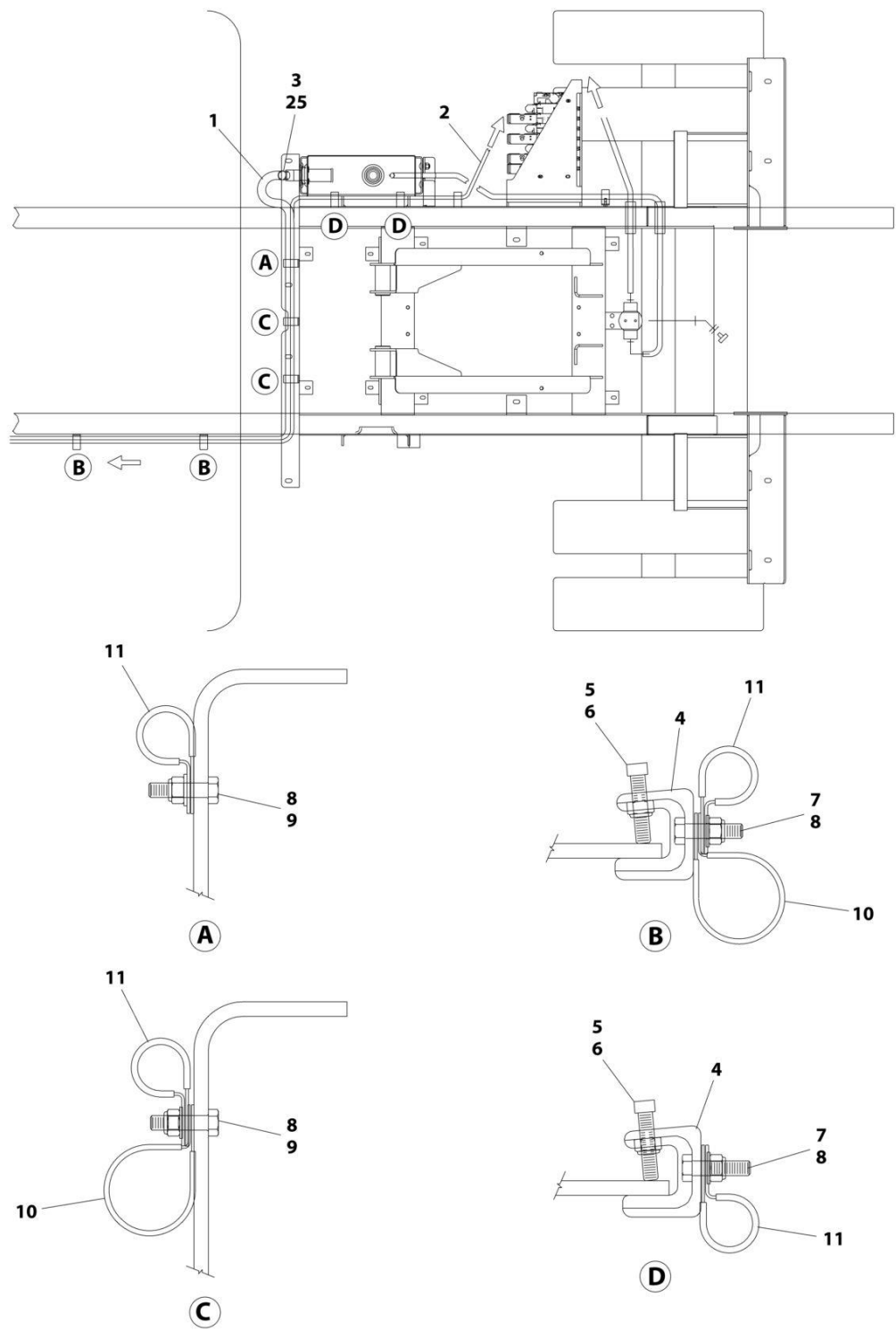
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FIGURE 6-11. HOSE AND CLAMP INSTALLATION (CHEVY-GMC – 137IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132813	Ref	HOSE AND CLAMP INSTALLATION (CHEVY-GMC - 137IN WB)	B
1	1001132838	Ref	Hose, Kit (Not Shown) (Includes Items 101-102)	
2	7443000412	1	Elbow	
3	7470000002	2	Gauge, Oil Filter Head	
4	1001132794	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 401-408)	
5	1001132800	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 501-508)	
6	4706003844	1	Plate	
7	7115151064	1	Bolt 5/16 x 1-1/4	
8	7950150161	7	Washer 5/16	
9	7660152601	7	Nut 5/16	
10	7115151050	3	Bolt 5/16 x 1-1/4	
11	7274000040	6	Clamp	
12	7274000041	3	Clamp	
13	7115150864	3	Bolt 5/16 x 1	
14	8632000002	AR	Flex-Trim (Not Shown)	
15	7819000013	2	Sleeve (Not Shown)	
	1001132838	Ref	HOSE, KIT	0
101	4567630206	1	Hose	
102	1001132633	1	Hose	
	1001132794	Ref	CLAMP, HOSE KIT	B
401	7274000076	1	Clamp	
402	7785152420	1	Screw 5/16 x 1-1/2	
403	7660152601	2	Nut 5/16	
404	7115151050	1	Bolt 5/16 x 1-1/4	
405	7950150161	1	Washer 5/16	
406	7274000040	1	Clamp	
407	7274000041	1	Clamp	
408	7274000042	1	Clamp (Not Shown)	
	1001132800	Ref	CLAMP, HOSE KIT	B
501	7274000040	1	Clamp	
502	7274000041	1	Clamp	
503	7274000042	1	Clamp (Not Shown)	
504	4706003844	1	Plate	
505	7115151050	1	Bolt 5/16 x 1-1/4	
506	7950150161	3	Washer 5/16	
507	7660152601	2	Nut 5/16	
508	7115151064	1	Bolt 5/16 x 1-1/4	

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FIGURE 6-12. HOSE AND CLAMP INSTALLATION (CHEVY-GMC – 152IN WB)



ART_2509530141

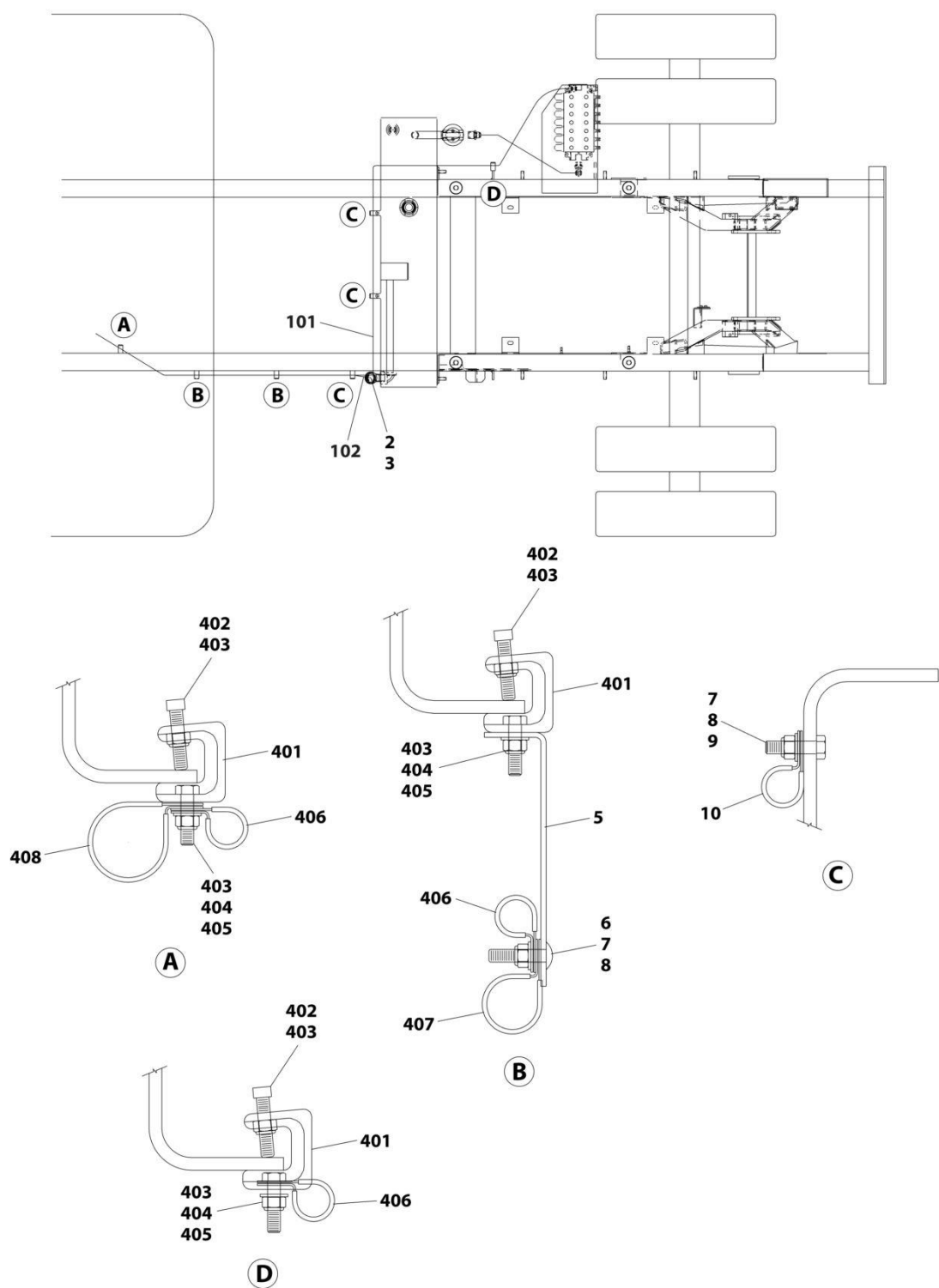
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FIGURE 6-12. HOSE AND CLAMP INSTALLATION (CHEVY-GMC – 152IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2509530141	Ref	HOSE AND CLAMP INSTALLATION (CHEVY-GMC - 152IN WB)	A
1	4570000334	1	Hose	
2	4567631214	1	Hose	
3	7274000002	2	Clamp	
4	7274000076	6	Clamp	
5	7785152420	6	Screw 5/16 x 1-1/2	
6	7660152601	14	Nut 5/16	
7	7115151050	6	Bolt 5/16 x 1-1/4	
8	7660150000	6	Nut 5/16	
9	7115150864	3	Bolt 5/16 x 1	
10	7274000042	5	Clamp	
11	7443000426	9	Fitting	
12	7274000105	1	Clamp (Not Shown)	
13	7445081643	1	Adapter (Not Shown)	
25	7443000013	1	Nipple	
28	8632000002	AR	Flex-Trim (Not Shown)	

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FIGURE 6-13. HOSE AND CLAMP INSTALLATION (CHEVY-GMC – 162IN WB)



ART_1001138315

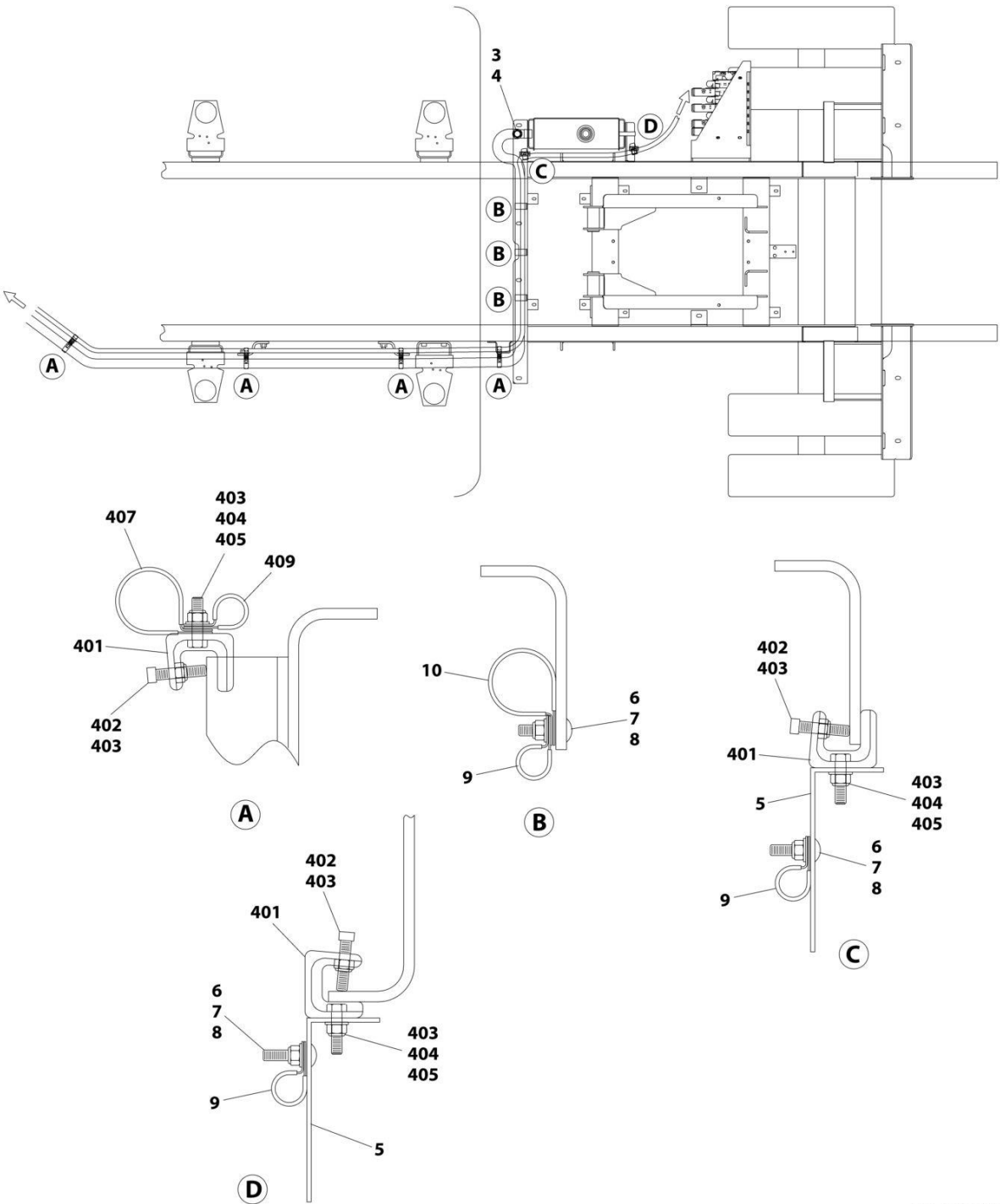
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FIGURE 6-13. HOSE AND CLAMP INSTALLATION (CHEVY-GMC – 162IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001138315	Ref	HOSE AND CLAMP INSTALLATION (CHEVY-GMC - 152IN WB)	B
1	1001138316	Ref	Hose, Kit (Not Shown) (Includes Items 101-102)	
2	7443000013	1	Nipple	
3	7470000002	2	Gauge, Oil Filter Head	
4	1001132794	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 401-408)	
5	4706003844	6	Plate	
6	7115151064	6	Bolt 5/16 x 1-1/4	
7	7950150161	10	Washer 5/16	
8	7660152601	10	Nut 5/16	
9	7115151050	4	Bolt 5/16 x 1-1/4	
10	7819000013	2	Sleeve	
	1001138316	Ref	HOSE, KIT	A
101	4567630219	1	Hose	
102	1001132624	1	Hose	
	1001132794	Ref	CLAMP, HOSE KIT	B
401	7274000076	1	Clamp	
402	7785152420	1	Screw 5/16 x 1-1/2	
403	7660152601	2	Nut 5/16	
404	7115151050	1	Bolt 5/16 x 1-1/4	
405	7950150161	1	Washer 5/16	
406	7274000040	1	Clamp	
407	7274000041	1	Clamp	
408	7274000042	1	Clamp (Not Shown)	

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FIGURE 6-14. HOSE AND CLAMP INSTALLATION (CV515 D-CP – 141IN WB)



ART_1001256462

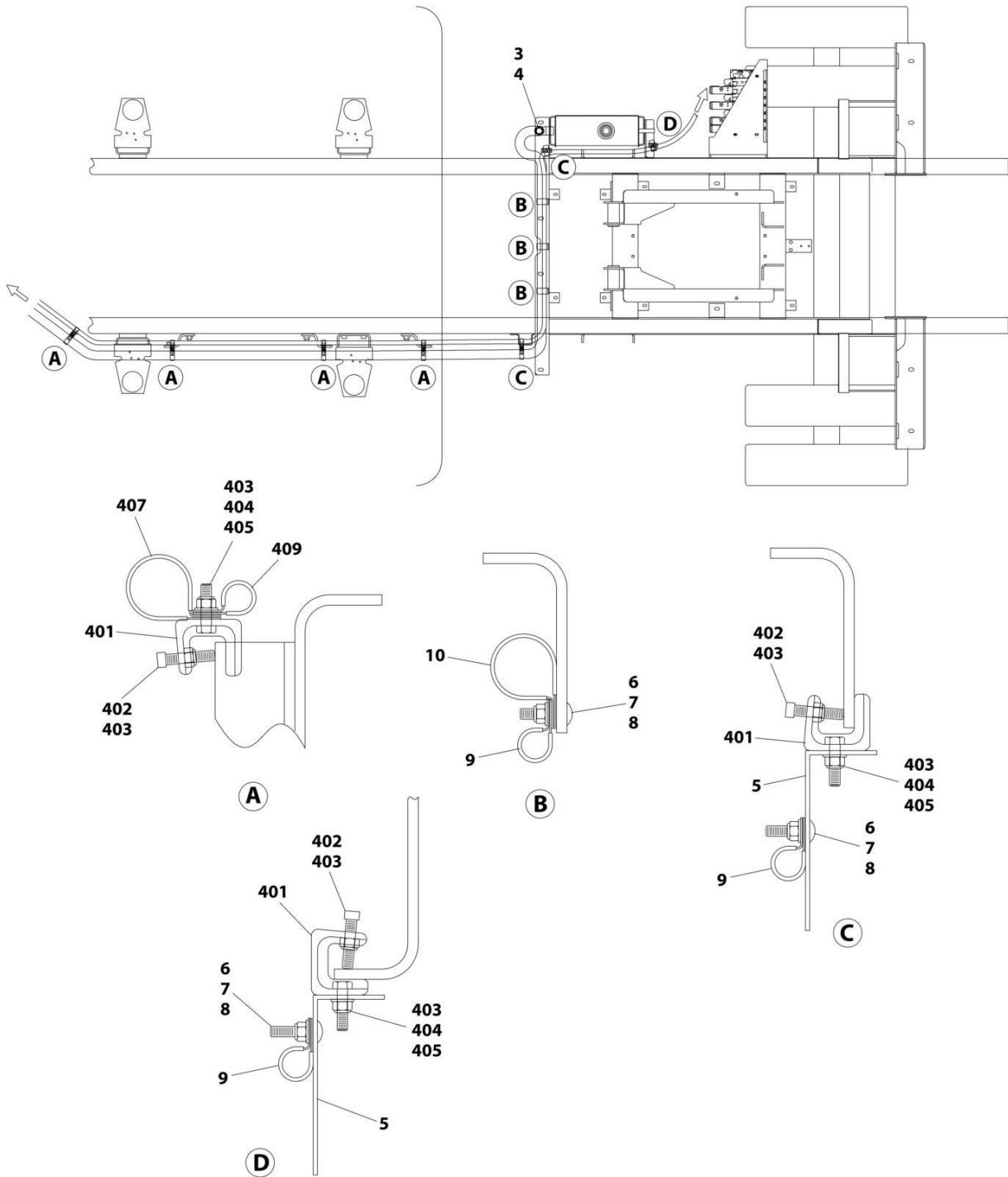
SECTION 6 - HYDRAULIC

FIGURE 6-14. HOSE AND CLAMP INSTALLATION (CV515 D-CP – 141IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256462	Ref	HOSE AND CLAMP INSTALLATION (CV515 D-CP - 141IN WB)	A
1	1001256827	1	Hose (Not Shown)	
2	1001132634	1	Hose (Not Shown)	
3	7443000013	1	Nipple	
4	7274000002	2	Clamp	
5	4706003844	2	Plate	
6	7115151064	5	Bolt 5/16 x 1-1/4	
7	7950150161	5	Washer 5/16	
8	7660152601	5	Nut 5/16	
9	7274000040	5	Clamp	
10	7274000042	3	Clamp	
11	7819000013	1	Sleeve (Not Shown)	
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 (Not Shown)	
407	7274000041	7	Clamp	
408	7274000042	7	Clamp (Not Shown)	
409	7274000105	7	Clamp	

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FIGURE 6-15. HOSE AND CLAMP INSTALLATION (CV515 D-CP – 165IN WB)



ART_1001256463

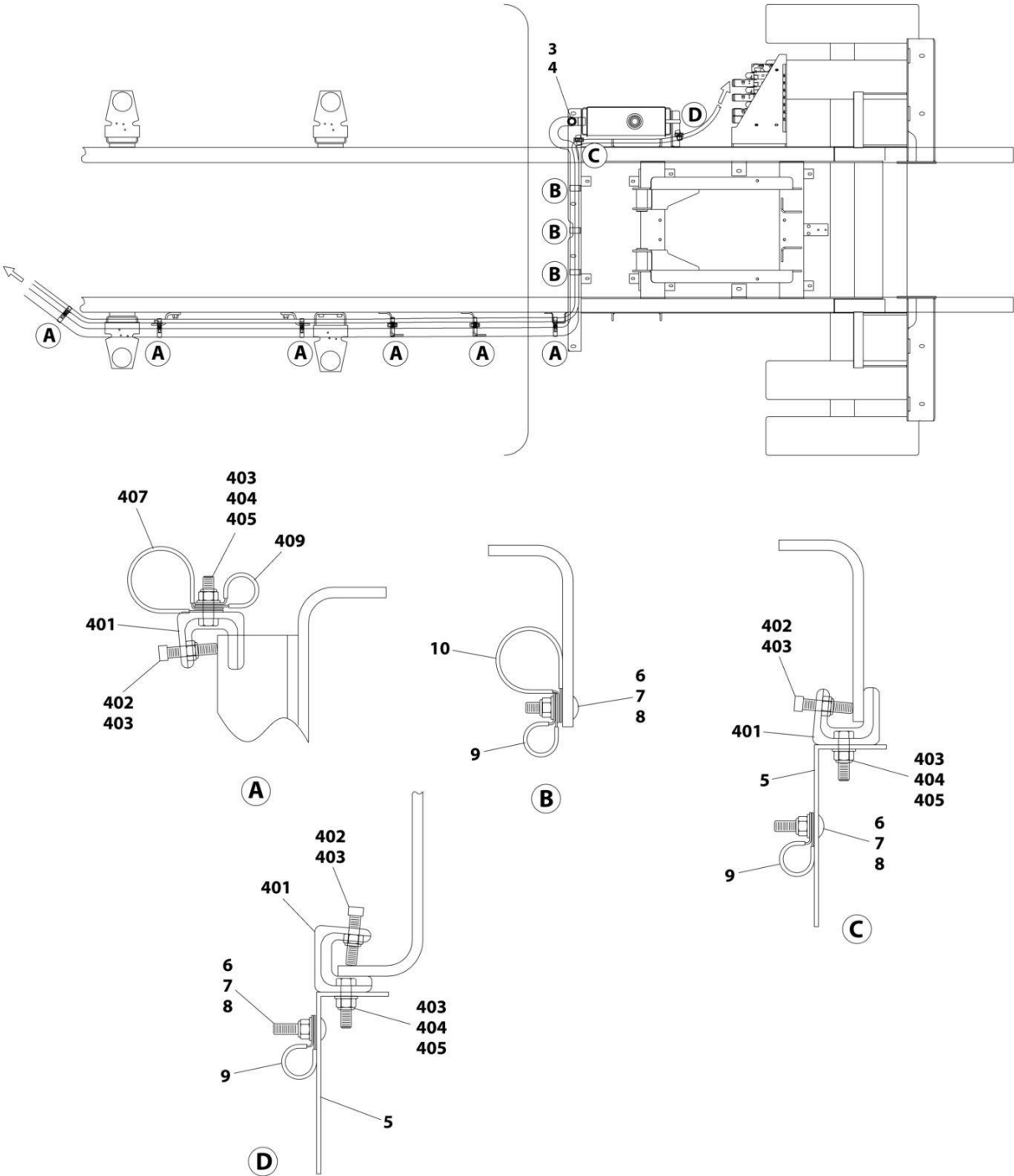
SECTION 6 - HYDRAULIC

FIGURE 6-15. HOSE AND CLAMP INSTALLATION (CV515 D-CP – 165IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256463	Ref	HOSE AND CLAMP INSTALLATION (CV515 D-CP - 165IN WB)	A
1	4567132228	1	Hose (Not Shown)	
2	1001132643	1	Hose (Not Shown)	
3	7443000013	1	Nipple	
4	7274000002	2	Clamp	
5	4706003844	3	Plate	
6	7115151064	6	Bolt 5/16 x 1-1/4	
7	7950150161	6	Washer 5/16	
8	7660152601	6	Nut 5/16	
9	7274000040	5	Clamp	
10	7274000042	3	Clamp	
11	7819000013	1	Sleeve (Not Shown)	
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 (Not Shown)	
407	7274000041	8	Clamp	
408	7274000042	8	Clamp (Not Shown)	
409	7274000105	8	Clamp	

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FIGURE 6-16. HOSE AND CLAMP INSTALLATION (CV515 D-CP – 175IN WB)



ART_1001256464

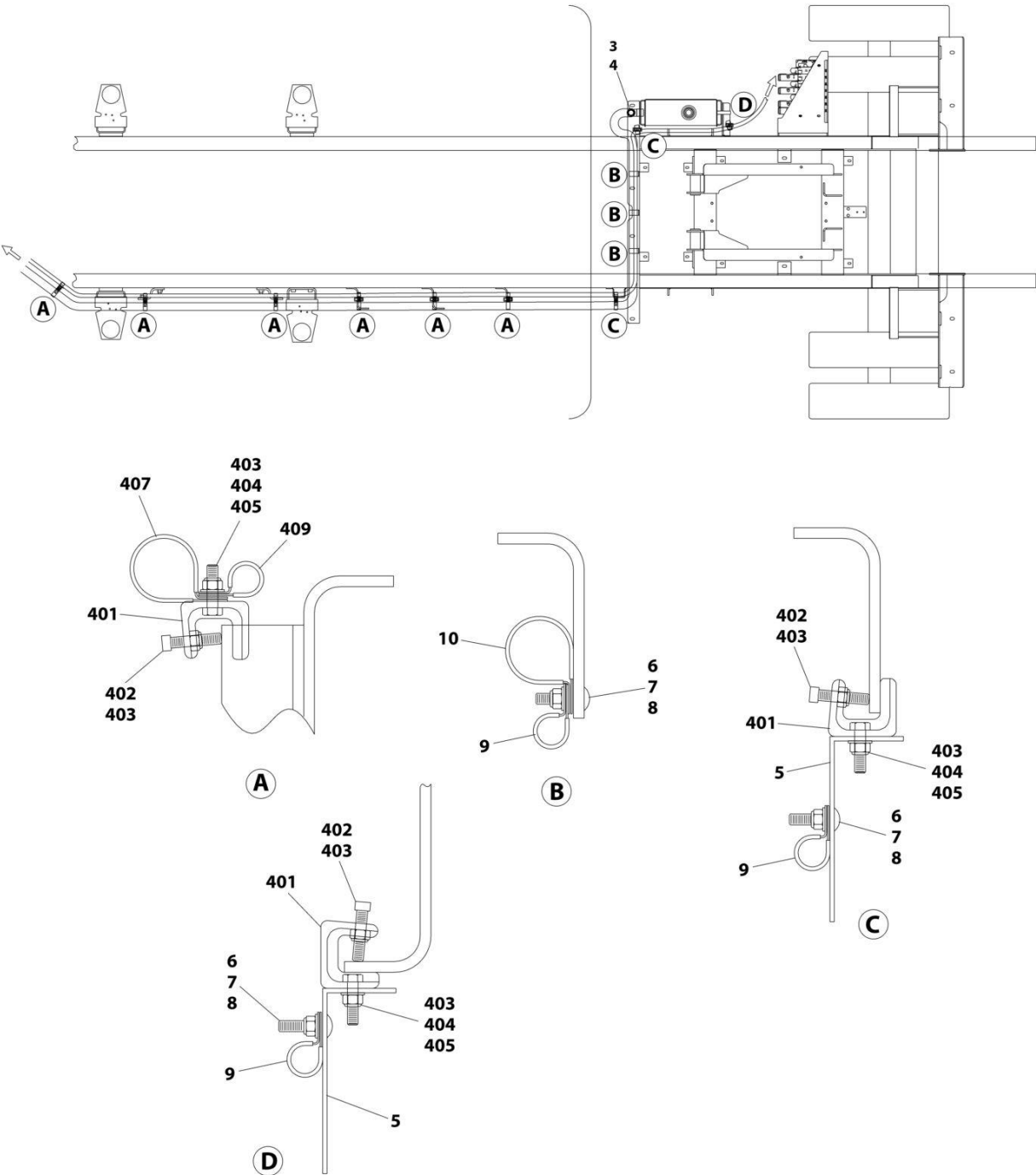
SECTION 6 - HYDRAULIC

FIGURE 6-16. HOSE AND CLAMP INSTALLATION (CV515 D-CP – 175IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256464	Ref	HOSE AND CLAMP INSTALLATION (CV515 D-CP - 175IN WB)	A
1	1001256828	1	Hose (Not Shown)	
2	1001132647	1	Hose (Not Shown)	
3	7443000013	1	Nipple	
4	7274000002	2	Clamp	
5	4706003844	2	Plate	
6	7115151064	5	Bolt 5/16 x 1-1/4	
7	7950150161	5	Washer 5/16	
8	7660152601	5	Nut 5/16	
9	7274000040	5	Clamp	
10	7274000042	3	Clamp	
11	7819000013	1	Sleeve (Not Shown)	
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 (Not Shown)	
407	7274000041	9	Clamp	
408	7274000042	9	Clamp (Not Shown)	
409	7274000105	9	Clamp	

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FIGURE 6-17. HOSE AND CLAMP INSTALLATION (CV515 D-CP – 199IN WB)



ART_1001256465

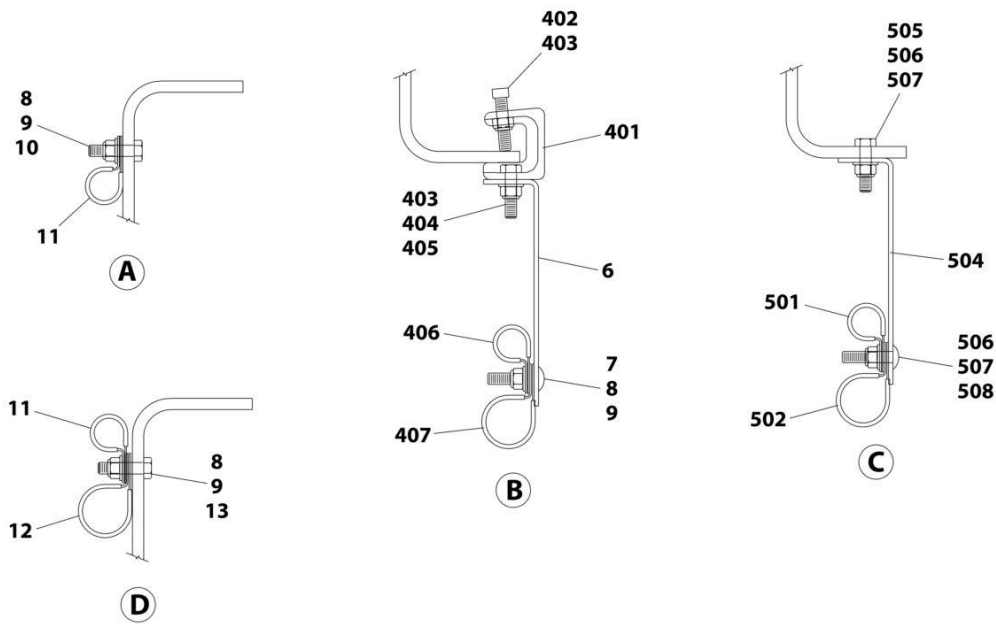
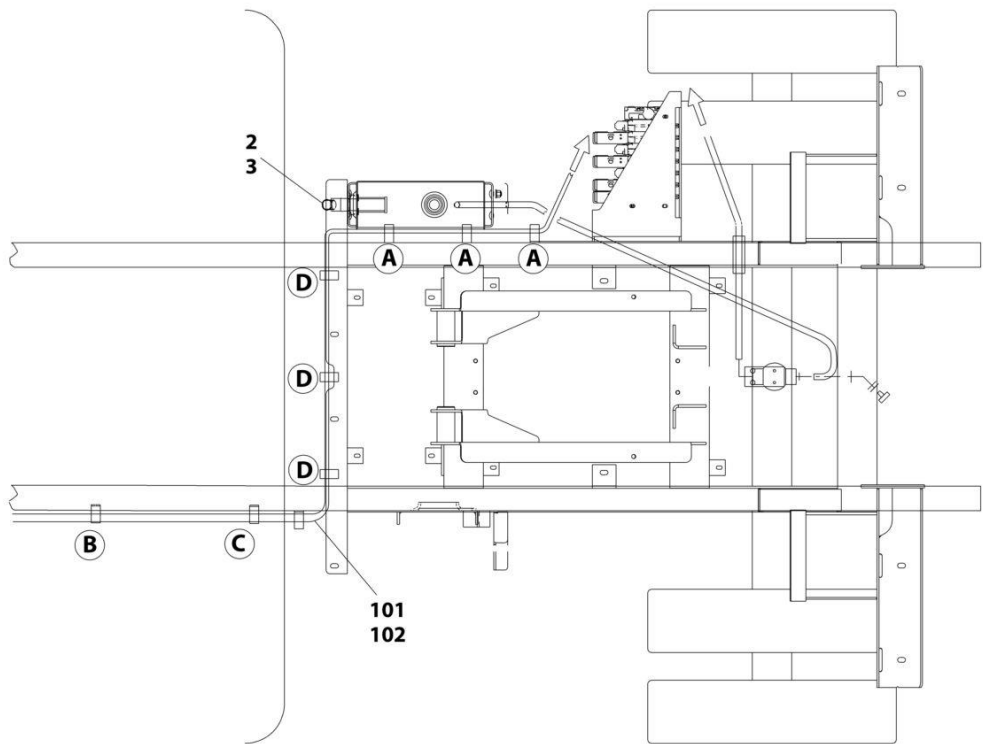
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FIGURE 6-17. HOSE AND CLAMP INSTALLATION (CV515 D-CP – 199IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256465	Ref	HOSE AND CLAMP INSTALLATION (CV515 D-CP - 199IN WB)	A
1	1001256829	1	Hose (Not Shown)	
2	1001256825	1	Hose (Not Shown)	
3	7443000013	1	Nipple	
4	7274000002	2	Clamp	
5	4706003844	3	Plate	
6	7115151064	6	Bolt 5/16 x 1-1/4	
7	7950150161	6	Washer 5/16	
8	7660152601	6	Nut 5/16	
9	7274000040	5	Clamp	
10	7274000042	3	Clamp	
11	7819000013	1	Sleeve (Not Shown)	
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 (Not Shown)	
407	7274000041	10	Clamp	
408	7274000042	10	Clamp (Not Shown)	
409	7274000105	10	Clamp	

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FIGURE 6-18. HOSE AND CLAMP INSTALLATION (DODGE D-CP – 144IN WB)



ART_1001132814

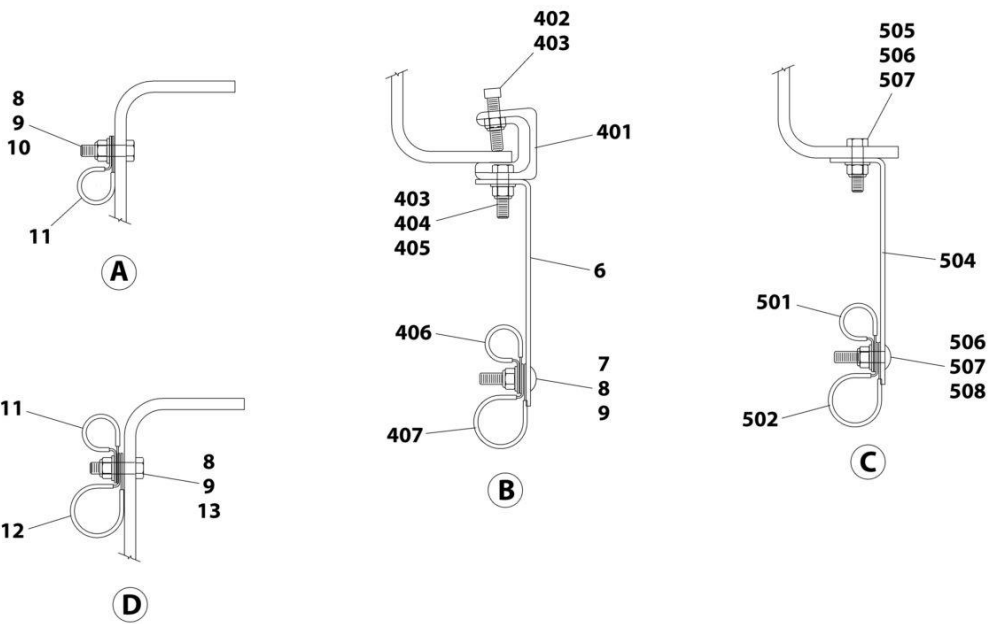
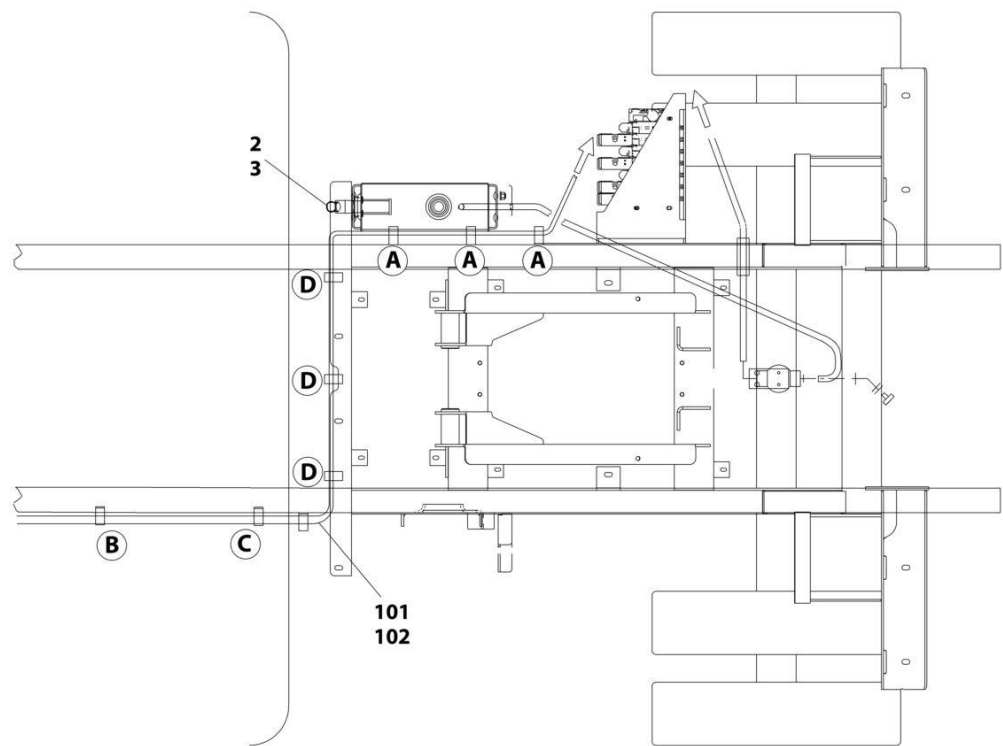
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FIGURE 6-18. HOSE AND CLAMP INSTALLATION (DODGE D-CP – 144IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132814	Ref	HOSE AND CLAMP INSTALLATION (DODGE D-CP - 144IN WB)	B
1	1001132839	Ref	Hose, Kit (Not Shown) (Includes Items 101-102)	
2	7443000412	1	Elbow	
3	7470000002	2	Gauge, Oil Filter Head	
4	1001132794	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 401-408)	
5	1001132800	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 501-508)	
6	4706003844	1	Plate	
7	7115151064	1	Bolt 5/16 x 1-1/4	
8	7950150161	7	Washer 5/16	
9	7660152601	7	Nut 5/16	
10	7115151050	3	Bolt 5/16 x 1-1/4	
11	7274000040	6	Clamp	
12	7274000041	3	Clamp	
13	7115150864	3	Bolt 5/16 x 1-1/4	
14	8632000002	AR	Flex-Trim (Not Shown)	
15	7819000013	4	Sleeve (Not Shown)	
	1001132839	Ref	HOSE, KIT	0
101	4567630219	1	Hose	
102	1001132642	1	Hose	
	1001132794	Ref	CLAMP, HOSE KIT	B
401	7274000076	1	Clamp	
402	7785152420	1	Screw 5/16 x 1-1/2	
403	7660152601	2	Nut 5/16	
404	7115151050	1	Bolt 5/16 x 1-1/4	
405	7950150161	1	Washer 5/16	
406	7274000040	1	Clamp	
407	7274000041	1	Clamp	
408	7274000042	1	Clamp	
	1001132800	Ref	CLAMP, HOSE KIT	B
501	7274000040	1	Clamp	
502	7274000041	1	Clamp	
503	7274000042	1	Clamp	
504	4706003844	1	Plate	
505	7115151050	1	Bolt 5/16 x 1-1/4	
506	7950150161	3	Washer 5/16	
507	7660152601	2	Nut 5/16	
508	7115151064	1	Bolt 5/16 x 1-1/4	

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FIGURE 6-19. HOSE AND CLAMP INSTALLATION (DODGE D-CP – 173IN WB)



ART_1001132816

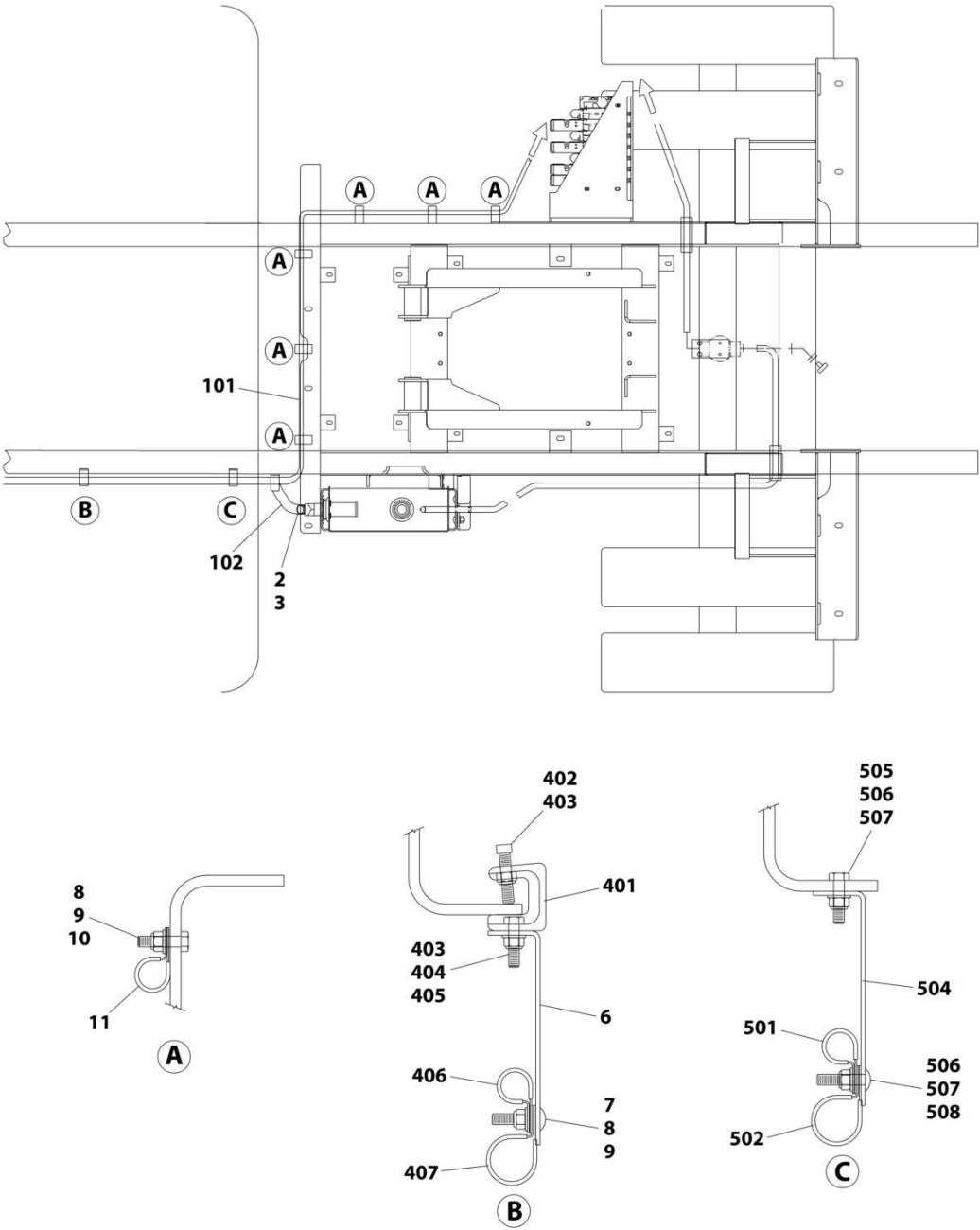
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FIGURE 6-19. HOSE AND CLAMP INSTALLATION (DODGE D-CP – 173IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132816	Ref	HOSE AND CLAMP INSTALLATION (DODGE D-CP - 173IN WB)	B
1	1001132841	Ref	Hose, Kit (Not Shown) (Includes Items 101-102)	
2	7443000412	1	Elbow	
3	7470000002	2	Gauge, Oil Filter Head	
4	1001132794	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 401-408)	
5	1001132800	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 501-508)	
6	4706003844	1	Plate	
7	7115151064	1	Bolt 5/16 x 1-1/4	
8	7950150161	7	Washer 5/16	
9	7660152601	7	Nut 5/16	
10	7115151050	3	Bolt 5/16 x 1-1/4	
11	7274000040	6	Clamp	
12	7274000041	3	Clamp	
13	7115150864	3	Bolt 5/16 x 1-1/4	
14	8632000002	AR	Flex-Trim (Not Shown)	
15	7819000013	4	Sleeve (Not Shown)	
	1001132841	Ref	HOSE, KIT	0
101	4567630250	1	Hose	
102	1001132848	1	Hose	
	1001132794	Ref	CLAMP, HOSE KIT	B
401	7274000076	1	Clamp	
402	7785152420	1	Screw 5/16 x 1-1/2	
403	7660152601	2	Nut 5/16	
404	7115151050	1	Bolt 5/16 x 1-1/4	
405	7950150161	1	Washer 5/16	
406	7274000040	1	Clamp	
407	7274000041	1	Clamp	
408	7274000042	1	Clamp	
	1001132800	Ref	CLAMP, HOSE KIT	B
501	7274000040	1	Clamp	
502	7274000041	1	Clamp	
503	7274000042	1	Clamp	
504	4706003844	1	Plate	
505	7115151050	1	Bolt 5/16 x 1-1/4	
506	7950150161	3	Washer 5/16	
507	7660152601	2	Nut 5/16	
508	7115151064	1	Bolt 5/16 x 1-1/4	

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FIGURE 6-20. HOSE AND CLAMP INSTALLATION (FORD D-CP – 140IN WB)



ART_1001132817

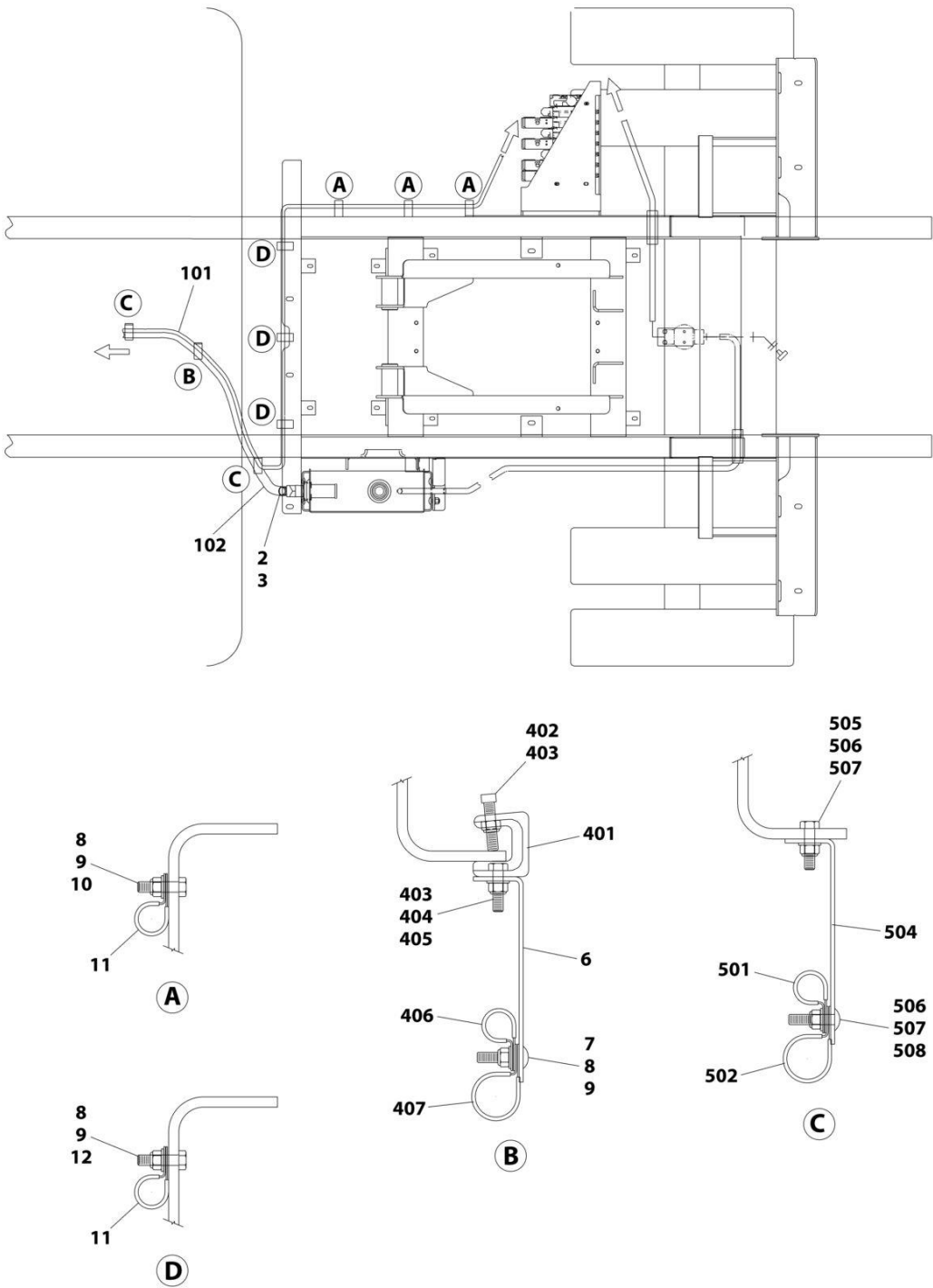
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FIGURE 6-20. HOSE AND CLAMP INSTALLATION (FORD D-CP – 140IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132817	Ref	HOSE AND CLAMP INSTALLATION (FORD D-CP - 140IN WB)	B
1	1001132842	Ref	Hose, Kit (Not Shown) (Includes Items 101-102)	
2	7443000013	1	Nipple	
3	7470000002	2	Gauge, Oil Filter Head	
4	1001132794	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 401-408)	
5	1001132800	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 501-508)	
6	4706003844	1	Plate	
7	7115151064	1	Bolt 5/16 x 1-1/4	
8	7950150161	7	Washer 5/16	
9	7660152601	7	Nut 5/16	
10	7115151050	6	Bolt 5/16 x 1-1/4	
11	7274000040	6	Clamp	
12	8632000002	AR	Flex-Trim (Not Shown)	
13	7819000013	4	Sleeve (Not Shown)	
	1001132845	Ref	HOSE, KIT	0
101	4567630225	1	Hose	
102	1001132638	1	Hose	
	1001132794	Ref	CLAMP, HOSE KIT	B
401	7274000076	1	Clamp	
402	7785152420	1	Screw 5/16 x 1-1/2	
403	7660152601	2	Nut 5/16	
404	7115151050	1	Bolt 5/16 x 1-1/4	
405	7950150161	1	Washer 5/16	
406	7274000040	1	Clamp	
407	7274000041	1	Clamp	
408	7274000042	1	Clamp (Not Shown)	
	1001132800	Ref	CLAMP, HOSE KIT	B
501	7274000040	1	Clamp	
502	7274000041	1	Clamp	
503	7274000042	1	Clamp (Not Shown)	
504	4706003844	1	Plate	
505	7115151050	1	Bolt 5/16 x 1-1/4	
506	7950150161	3	Washer 5/16	
507	7660152601	2	Nut 5/16	
508	7115151064	1	Bolt 5/16 x 1-1/4	

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FIGURE 6-21. HOSE AND CLAMP INSTALLATION (FORD D-PTO – 140IN WB)



ART_1001132818

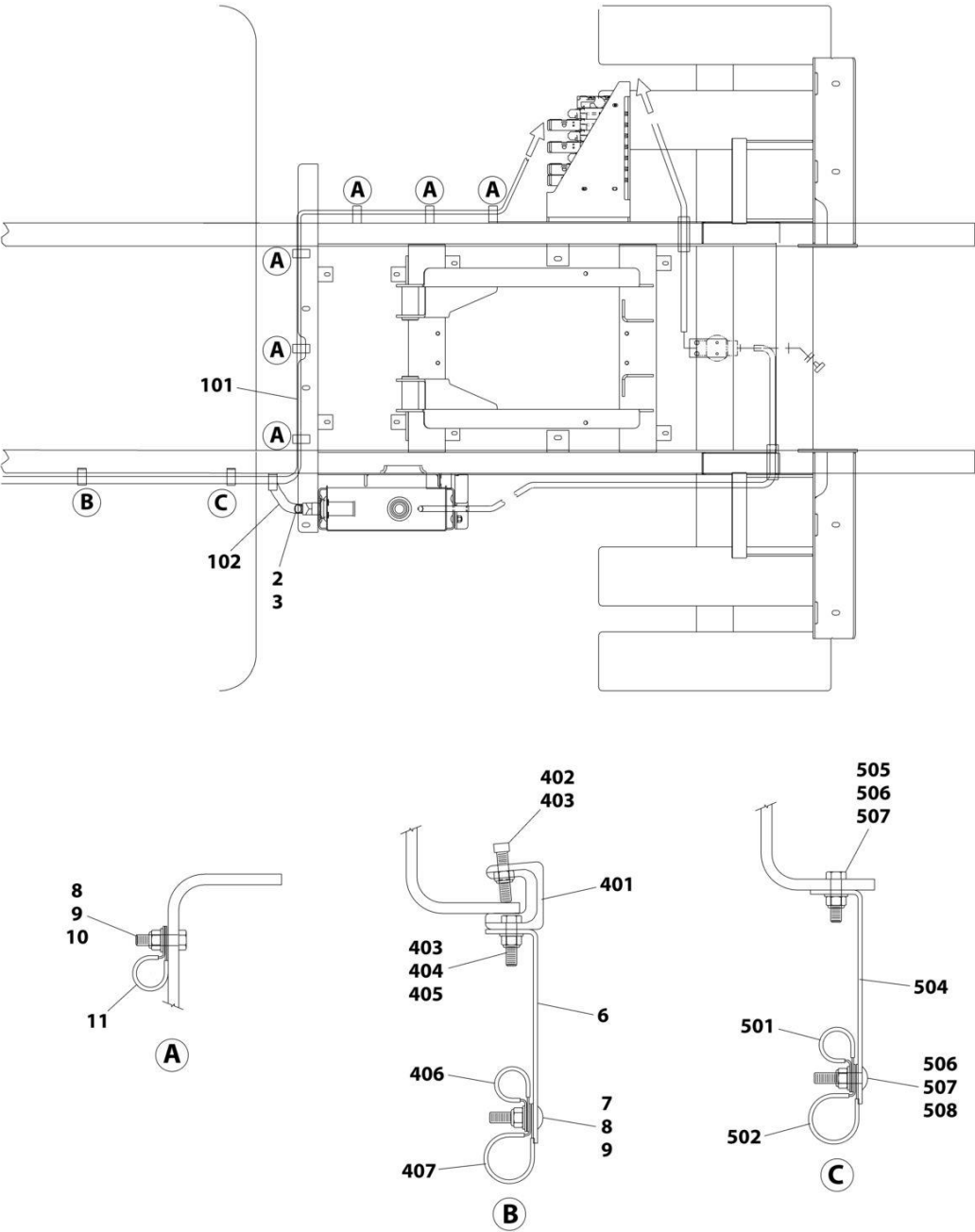
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FIGURE 6-21. HOSE AND CLAMP INSTALLATION (FORD D-PTO – 140IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132818	Ref	HOSE AND CLAMP INSTALLATION (FORD D-PTO - 140IN WB)	0
1	1001132843	Ref	Hose, Kit (Not Shown) (Includes Items 101-102)	
2	7443000013	1	Nipple	
3	7470000002	2	Gauge, Oil Filter Head	
4	1001132794	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 401-408)	
5	1001132800	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 501-508)	
6	4706003844	1	Plate	
7	7115151064	1	Bolt 5/16 x 1-1/4	
8	7950150161	7	Washer 5/16	
9	7660152601	7	Nut 5/16	
10	7115151050	3	Bolt 5/16 x 1-1/4	
11	7274000040	6	Clamp	
12	7115150864	3	Bolt 5/16 x 1	
13	8632000002	AR	Flex-Trim (Not Shown)	
	1001132843	Ref	HOSE, KIT	0
101	4567630162	1	Hose	
102	4570000099	1	Hose	
	1001132794	Ref	CLAMP, HOSE KIT	B
401	7274000076	1	Clamp	
402	7785152420	1	Screw 5/16 x 1-1/2	
403	7660152601	2	Nut 5/16	
404	7115151050	1	Bolt 5/16 x 1-1/4	
405	7950150161	1	Washer 5/16	
406	7274000040	1	Clamp	
407	7274000041	1	Clamp	
408	7274000042	1	Clamp (Not Shown)	
	1001132800	Ref	CLAMP, HOSE KIT	B
501	7274000040	1	Clamp	
502	7274000041	1	Clamp	
503	7274000042	1	Clamp (Not Shown)	
504	4706003844	1	Plate	
505	7115151050	1	Bolt 5/16 x 1-1/4	
506	7950150161	3	Washer 5/16	
507	7660152601	2	Nut 5/16	
508	7115151064	1	Bolt 5/16 x 1-1/4	

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FIGURE 6-22. HOSE AND CLAMP INSTALLATION (FORD G-CP – 140IN WB)



ART_1001132819

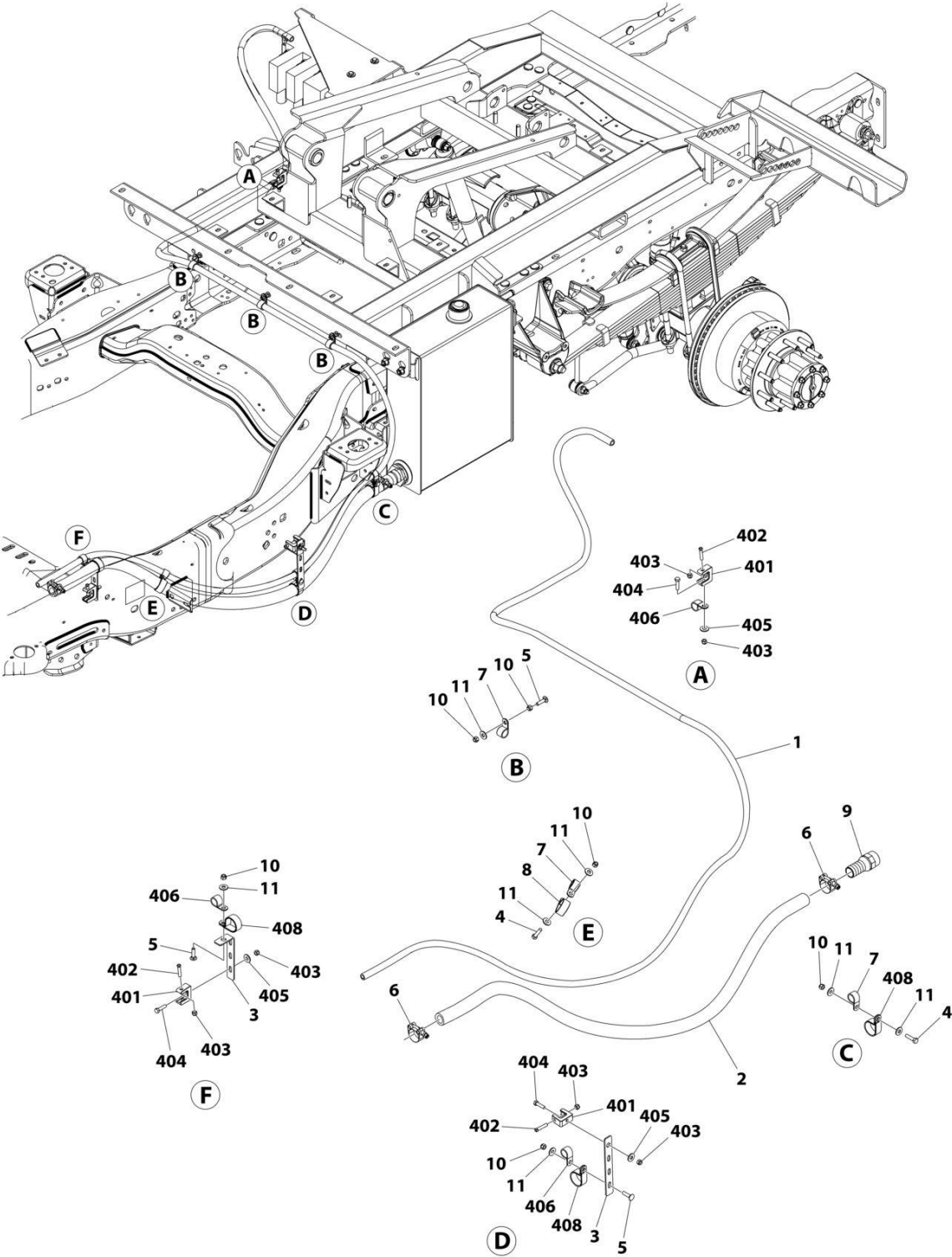
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FIGURE 6-22. HOSE AND CLAMP INSTALLATION (FORD G-CP – 140IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132819	Ref	HOSE AND CLAMP INSTALLATION (FORD G-CP - 140IN WB)	B
1	1001132844	Ref	Hose, Kit (Not Shown) (Includes Items 101-102)	
2	7443000013	1	Nipple	
3	7470000002	2	Gauge, Oil Filter Head	
4	1001132794	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 401-408)	
5	1001132800	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 501-508)	
6	4706003844	1	Plate	
7	7115151064	1	Bolt 5/16 x 1-1/4	
8	7950150161	7	Washer 5/16	
9	7660152601	7	Nut 5/16	
10	7115151050	6	Bolt 5/16 x 1-1/4	
11	7274000040	6	Clamp	
12	8632000002	AR	Flex-Trim (Not Shown)	
13	7819000013	4	Sleeve (Not Shown)	
	1001132844	Ref	HOSE, KIT	0
101	4567630182	1	Hose	
102	1001132617	1	Hose	
	1001132794	Ref	CLAMP, HOSE KIT	B
401	7274000076	1	Clamp	
402	7785152420	1	Screw 5/16 x 1-1/2	
403	7660152601	2	Nut 5/16	
404	7115151050	1	Bolt 5/16 x 1-1/4	
405	7950150161	1	Washer 5/16	
406	7274000040	1	Clamp	
407	7274000041	1	Clamp	
408	7274000042	1	Clamp (Not Shown)	
	1001132800	Ref	CLAMP, HOSE KIT	B
501	7274000040	1	Clamp	
502	7274000041	1	Clamp	
503	7274000042	1	Clamp (Not Shown)	
504	4706003844	1	Plate	
505	7115151050	1	Bolt 5/16 x 1-1/4	
506	7950150161	3	Washer 5/16	
507	7660152601	2	Nut 5/16	
508	7115151064	1	Bolt 5/16 x 1-1/4	

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FIGURE 6-23. HOSE AND CLAMP INSTALLATION (FORD PTO – 145IN WB)



ART_1001222675

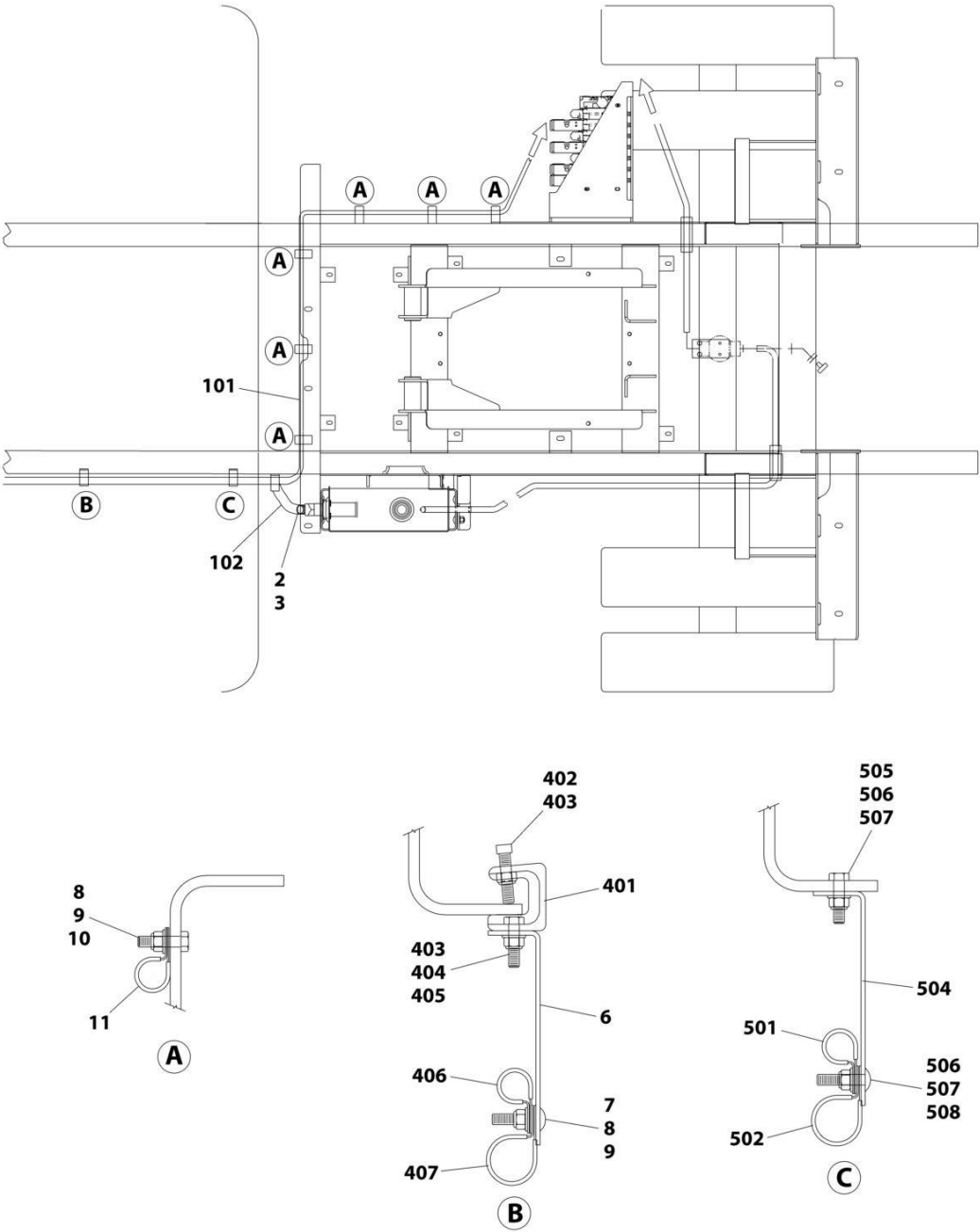
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FIGURE 6-23. HOSE AND CLAMP INSTALLATION (FORD PTO – 145IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222675	Ref	HOSE AND CLAMP INSTALLATION (FORD PTO - 145IN WB)	A
1	4567130168	1	Hose	
2	4570000373	1	Hose	
3	4706003844	2	Plate	
4	7115151050	2	Bolt 5/16 x 1-1/4	
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	Sleeve	
10	7660152601	10	Nut 5/16	
11	7950150161	9	Washer 5/16	
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	
408	7274000042	3	Clamp	

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FIGURE 6-24. HOSE AND CLAMP INSTALLATION (FORD D-CP – 164IN WB



ART_1001132820

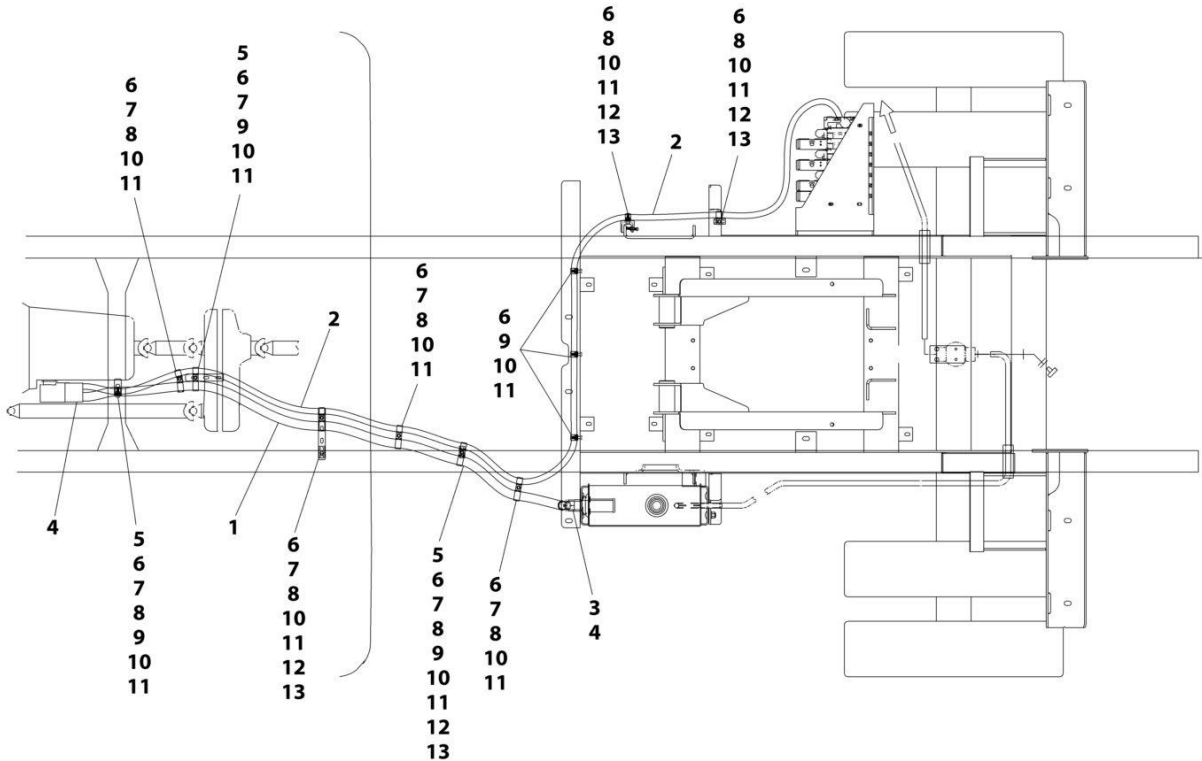
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FIGURE 6-24. HOSE AND CLAMP INSTALLATION (FORD D-CP – 164IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132820	Ref	HOSE AND CLAMP INSTALLATION (DODGE D-CP - 173IN WB)	B
1	1001132845	Ref	Hose, Kit (Not Shown) (Includes Items 101-102)	
2	7443000013	1	Nipple	
3	7470000002	2	Gauge, Oil Filter Head	
4	1001132794	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 401-408)	
5	1001132800	Ref	Clamp, Hose Kit (Not Shown) (Includes Items 501-508)	
6	4706003844	1	Plate	
7	7115151064	1	Bolt 5/16 x 1-1/4	
8	7950150161	7	Washer 5/16	
9	7660152601	7	Nut 5/16	
10	7115151050	6	Bolt 5/16 x 1-1/4	
11	7274000040	6	Clamp	
12	8632000002	AR	Flex-Trim (Not Shown)	
13	7819000013	4	Sleeve (Not Shown)	
	1001132845	Ref	HOSE, KIT	0
101	4567630241	1	Hose	
102	1001132647	1	Hose	
	1001132794	Ref	CLAMP, HOSE KIT	B
401	7274000076	1	Clamp	
402	7785152420	1	Screw 5/16 x 1-1/2	
403	7660152601	2	Nut 5/16	
404	7115151050	1	Bolt 5/16 x 1-1/4	
405	7950150161	1	Washer 5/16	
406	7274000040	1	Clamp	
407	7274000041	1	Clamp	
408	7274000042	1	Clamp (Not Shown)	
	1001132800	Ref	CLAMP, HOSE KIT	B
501	7274000040	1	Clamp	
502	7274000041	1	Clamp	
503	7274000042	1	Clamp (Not Shown)	
504	4706003844	1	Plate	
505	7115151050	1	Bolt 5/16 x 1-1/4	
506	7950150161	3	Washer 5/16	
507	7660152601	2	Nut 5/16	
508	7115151064	1	Bolt 5/16 x 1-1/4	

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FIGURE 6-25. HOSE AND CLAMP INSTALLATION (FORD D-PTO – 164IN WB)



ART_1001152244

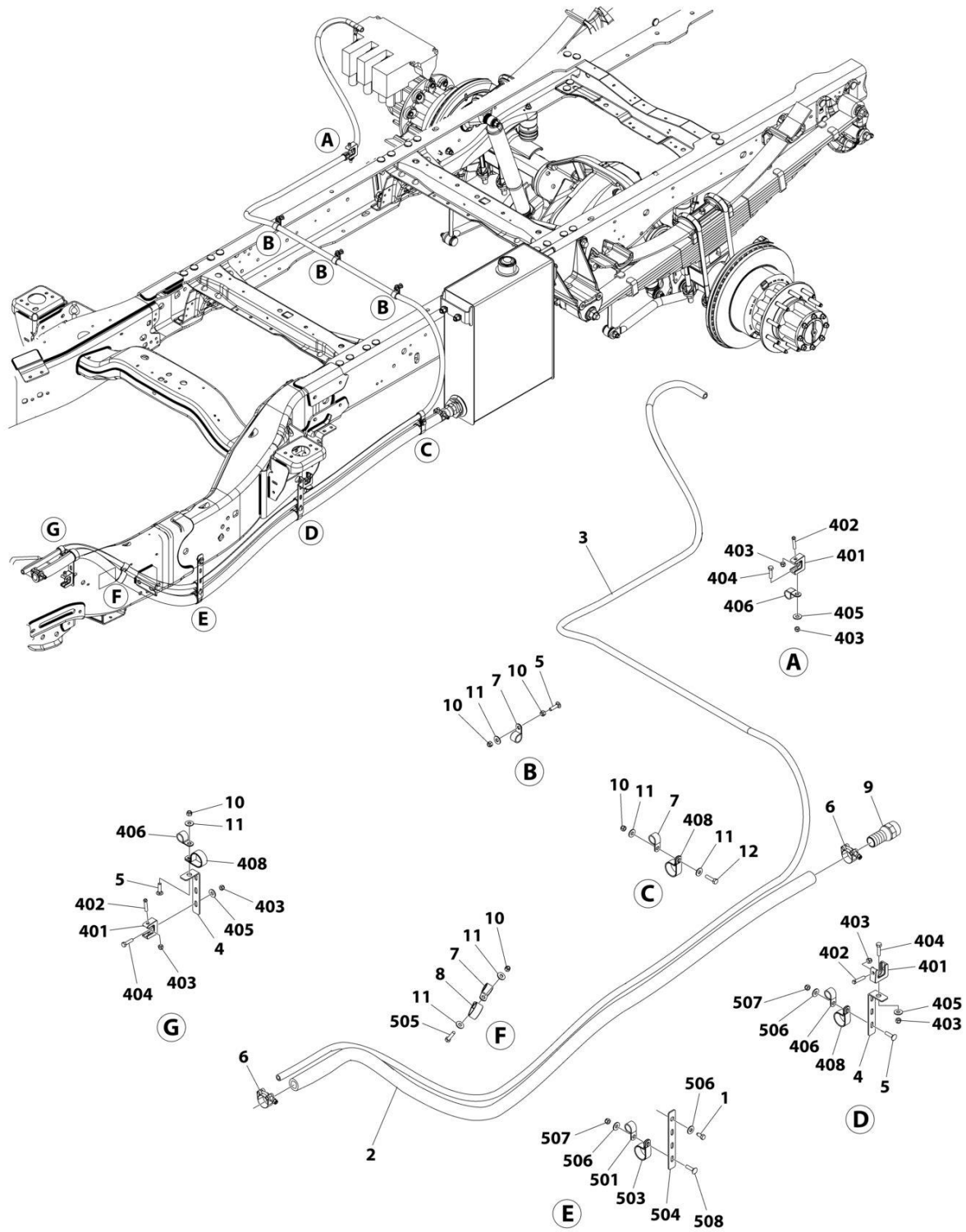
SECTION 6 - HYDRAULIC

FIGURE 6-25. HOSE AND CLAMP INSTALLATION (FORD D-PTO – 164IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152244	Ref	HOSE AND CLAMP INSTALLATION (FORD D-PTO - 164IN WB)	A
1	4570000352	1	Hose	
2	4567630186	1	Hose	
3	7443000013	1	Niplple	
4	7274000002	2	Clamp	
5	4706003844	3	Plate	
6	7274000040	12	Clamp	
7	7274000042	7	Clamp	
8	7115151050	8	Bolt 5/16 x 1-1/4	
9	7115151064	9	Bolt 5/16 x 1-1/4	
10	7950150161	18	Washer 5/16	
11	7660152601	18	Nut 5/16	
12	7274000076	4	Clamp	
13	7785152420	4	Screw 5/16 x 1-1/2	

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FIGURE 6-26. HOSE AND CLAMP INSTALLATION (FORD PTO – 167-169IN WB)



ART_1001222676

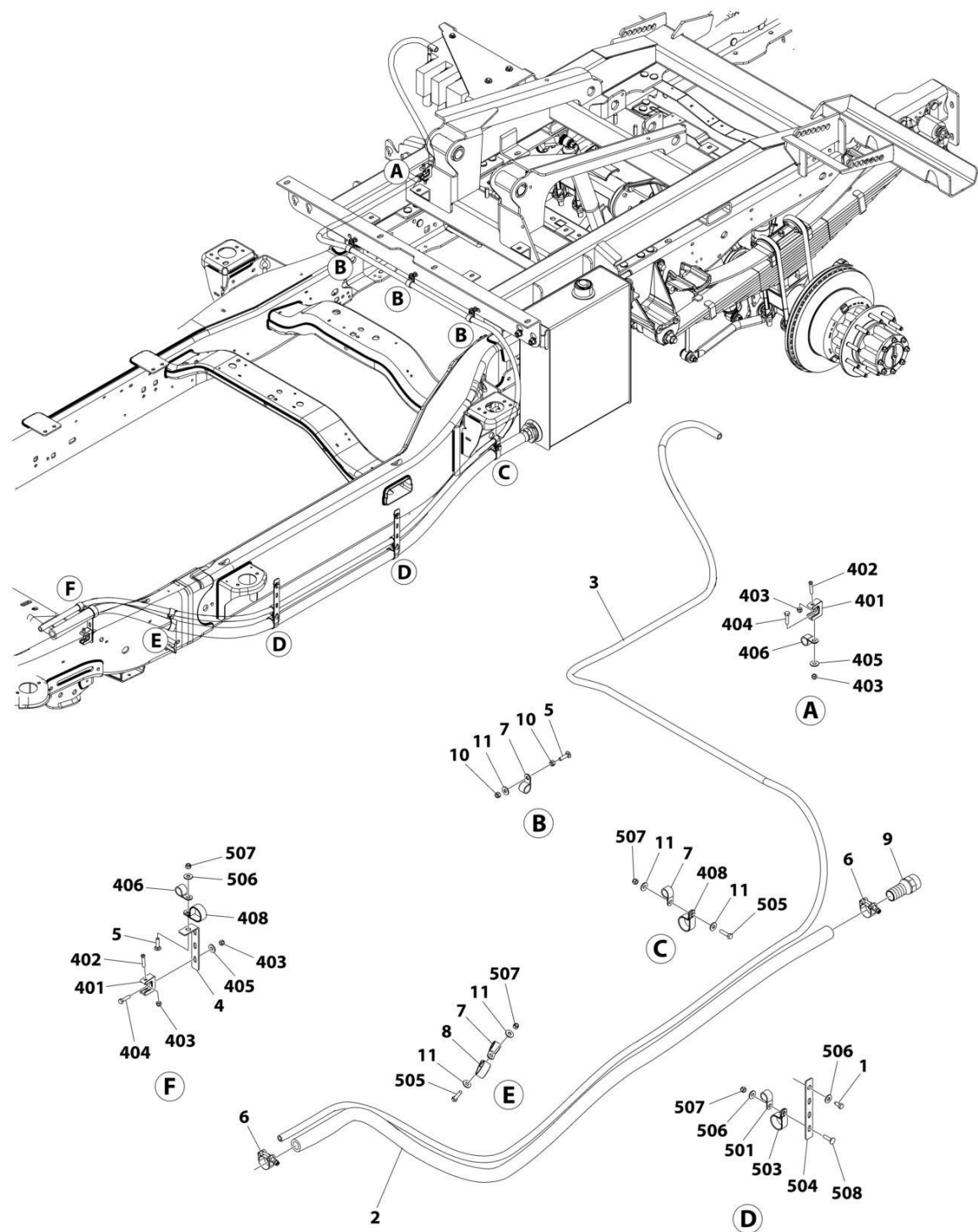
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FIGURE 6-26. HOSE AND CLAMP INSTALLATION (FORD PTO – 167-169IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222676	Ref	HOSE AND CLAMP INSTALLATION (FORD PTO - 167-169IN WB)	A
1	3941506	1	Tap Screw	
2	1001132605	1	Hose	
3	4567130190	1	Hose	
4	4706003844	2	Plate	
5	7115151064	5	Bolt 5/16 x 1-1/4	
6	7274000002	2	Clamp	
7	7274000040	5	Clamp	
8	7274000042	1	Clamp	
9	7819000013	1	Sleeve	
10	7660152601	9	Nut 5/16	
11	7950150161	8	Washer 5/16	
12	7115151050	1	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	
408	7274000042	3	Clamp	
500	1001132800	1	Clamp, Hose Kit (Not Shown)	
501	7274000040	1	Clamp	
503	7274000042	1	Clamp	
504	4706003844	1	Plate	
505	7115151050	1	Bolt 5/16 x 1-1/4	
506	7950150161	3	Washer 5/16	
507	7660152601	2	Nut 5/16	
508	7115151064	1	Bolt 5/16 x 1-1/4	

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FIGURE 6-27. HOSE AND CLAMP INSTALLATION (FORD PTO – 179IN WB)



ART_1001222677

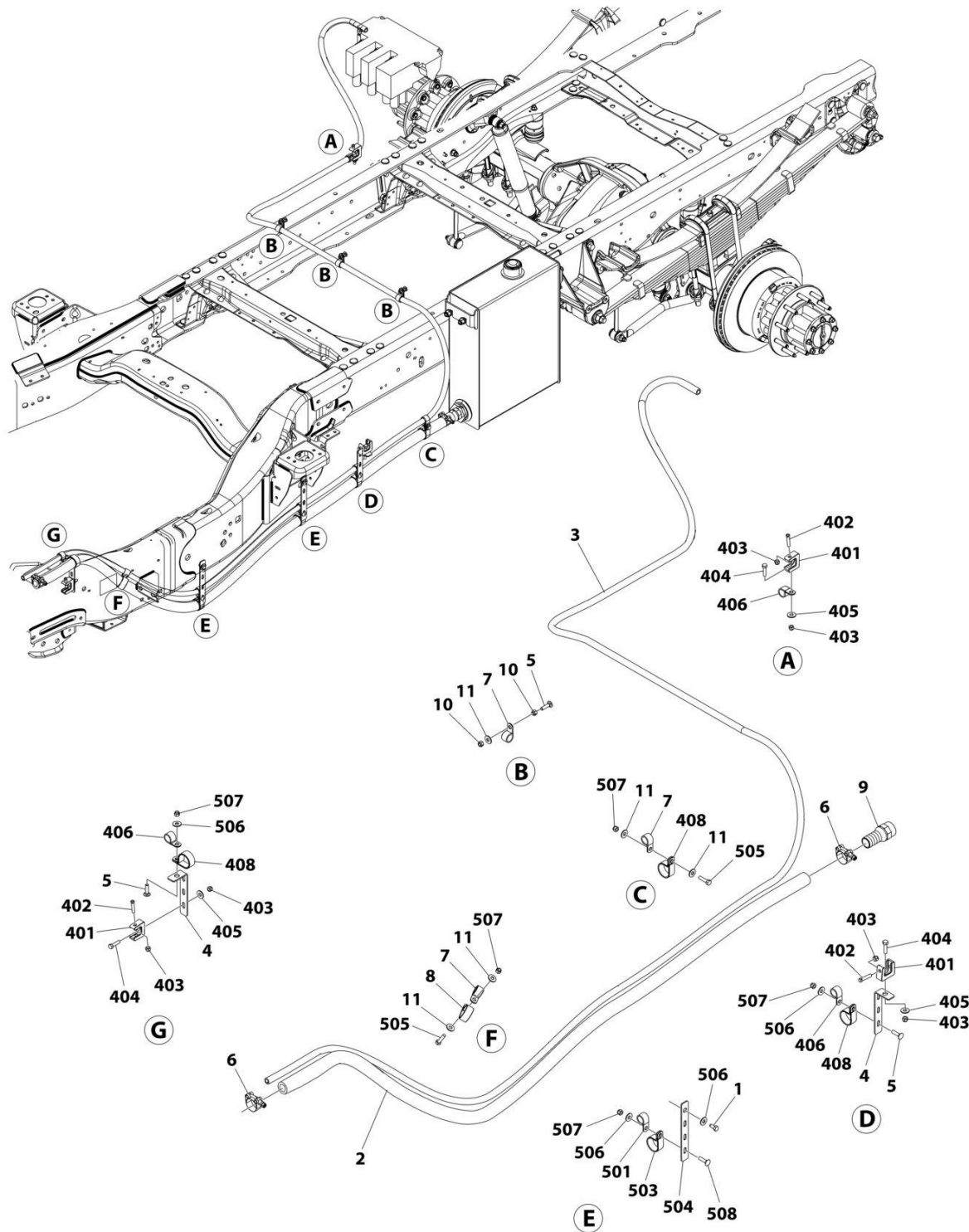
SECTION 6 - HYDRAULIC

FIGURE 6-27. HOSE AND CLAMP INSTALLATION (FORD PTO – 179IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222677	Ref	HOSE AND CLAMP INSTALLATION (FORD PTO - 179IN WB)	A
1	3941506	2	Tap Screw	
2	1001132608	1	Hose	
3	4567130195	1	Hose	
4	4706003844	2	Plate	
5	7115151064	4	Bolt 5/16 x 1-1/4	
6	7274000002	2	Clamp	
7	7274000040	5	Clamp	
8	7274000042	1	Clamp	
9	7819000013	1	Sleeve	
10	7660152601	6	Nut 5/16	
11	7950150161	7	Washer 5/16	
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	
408	7274000042	2	Clamp	
500	1001132800	2	Clamp, Hose Kit (Not Shown)	
501	7274000040	2	Clamp	
503	7274000042	2	Clamp	
504	4706003844	2	Plate	
505	7115151050	2	Bolt 5/16 x 1-1/4	
506	7950150161	6	Washer 5/16	
507	7660152601	4	Nut 5/16	
508	7115151064	2	Bolt 5/16 x 1-1/4	

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FIGURE 6-28. HOSE AND CLAMP INSTALLATION (FORD PTO – 192IN WB)



ART_1001222678

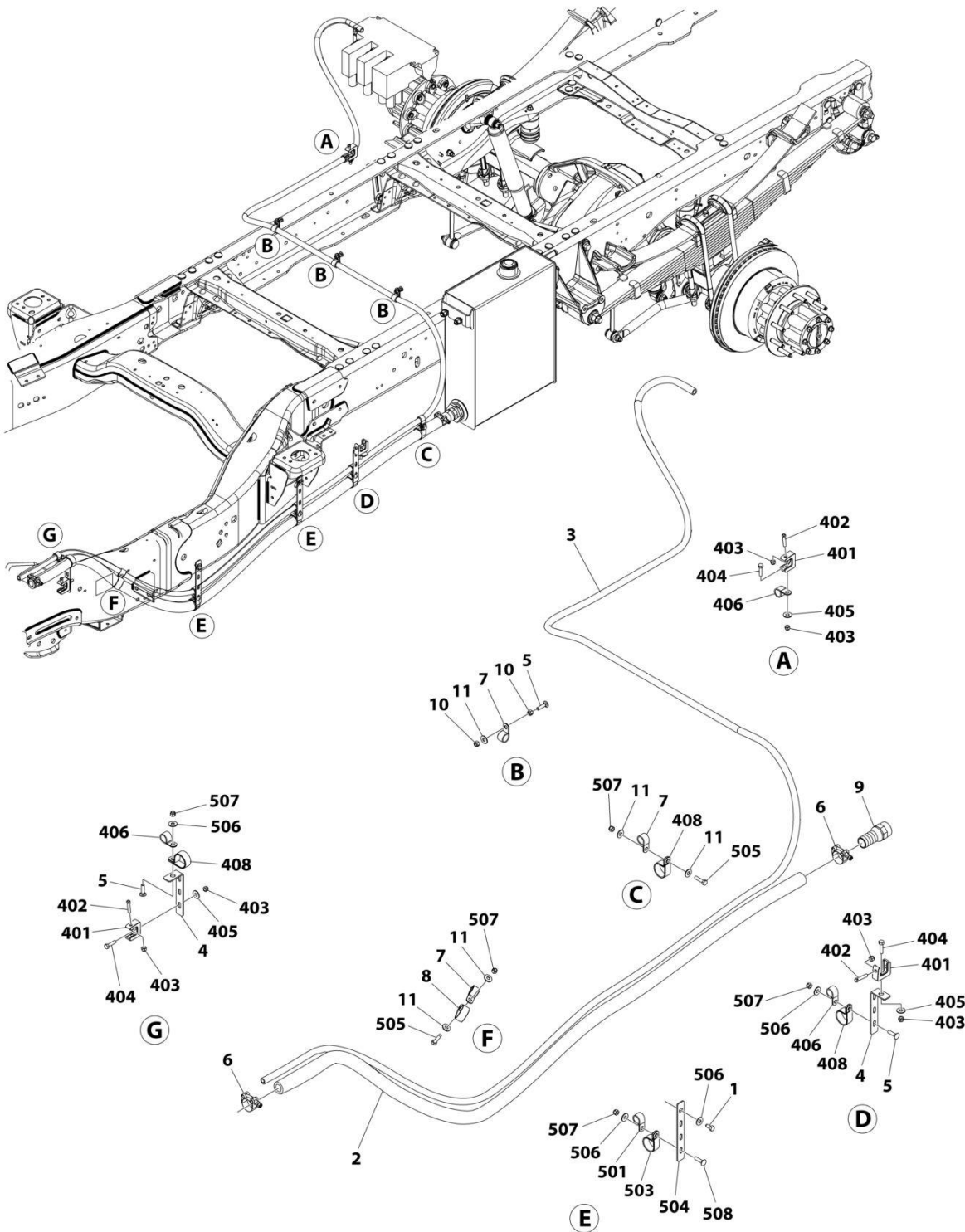
SECTION 6 - HYDRAULIC

FIGURE 6-28. HOSE AND CLAMP INSTALLATION (FORD PTO – 192IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222678	Ref	HOSE AND CLAMP INSTALLATION (FORD PTO - 192IN WB)	A
1	3941506	2	Tap Screw	
2	1001132613	1	Hose	
3	4567130216	1	Hose	
4	4706003844	2	Plate	
5	7115151064	5	Bolt 5/16 x 1-1/4	
6	7274000002	2	Clamp	
7	7274000040	5	Clamp	
8	7274000042	1	Clamp	
9	7819000013	1	Sleeve	
10	7660152601	6	Nut 5/16	
11	7950150161	7	Washer 5/16	
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	
408	7274000042	3	Clamp	
500	1001132800	2	Clamp, Hose Kit (Not Shown)	
501	7274000040	2	Clamp	
503	7274000042	2	Clamp	
504	4706003844	2	Plate	
505	7115151050	2	Bolt 5/16 x 1-1/4	
506	7950150161	6	Washer 5/16	
507	7660152601	4	Nut 5/16	
508	7115151064	2	Bolt 5/16 x 1-1/4	

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FIGURE 6-29. HOSE AND CLAMP INSTALLATION (FORD PTO – 203IN WB)



ART_1001222679

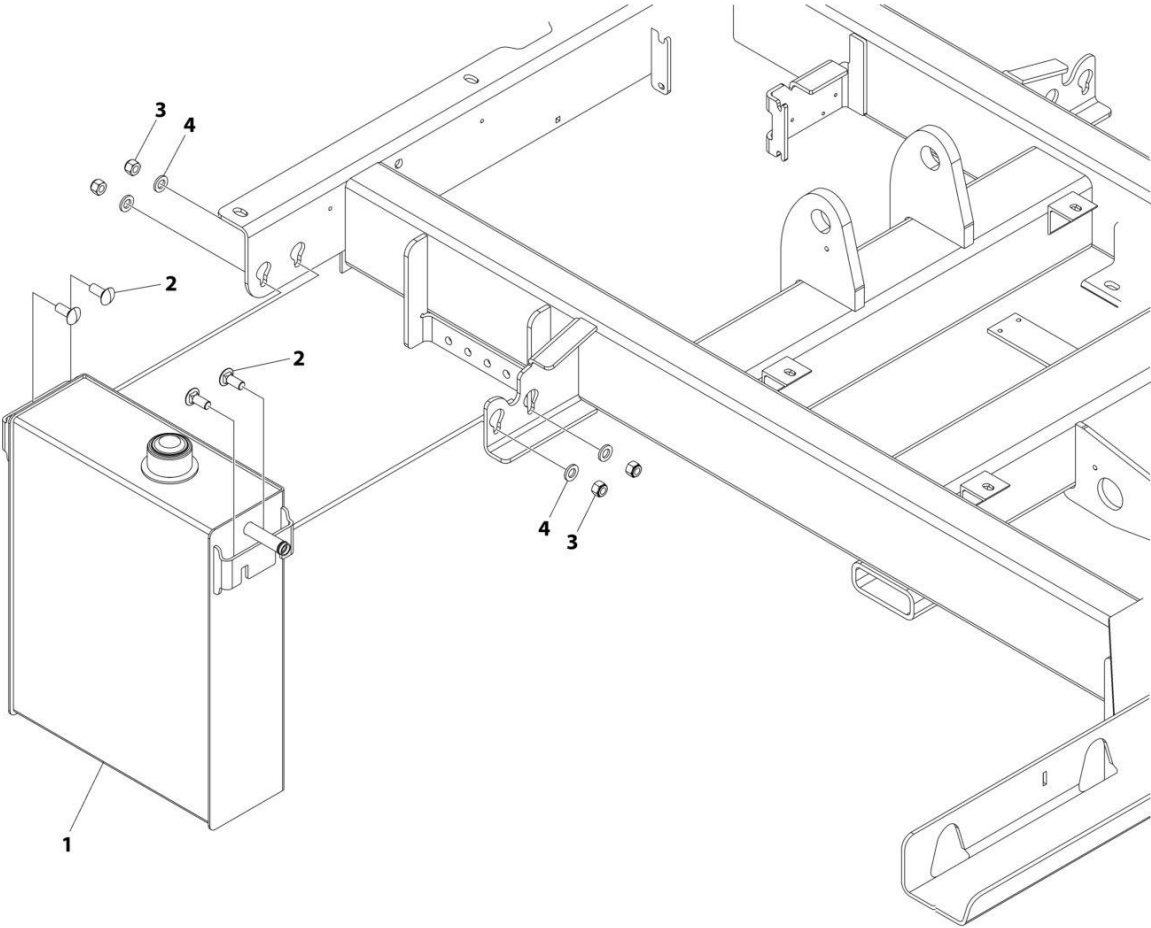
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FIGURE 6-29. HOSE AND CLAMP INSTALLATION (FORD PTO – 203IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222679	Ref	HOSE AND CLAMP INSTALLATION (FORD PTO - 203IN WB)	A
1	3941506	2	Tap Screw	
2	1001132617	1	Hose	
3	4567130223	1	Hose	
4	4706003844	2	Plate	
5	7115151064	5	Bolt 5/16 x 1-1/4	
6	7274000002	2	Clamp	
7	7274000040	5	Clamp	
8	7274000042	1	Clamp	
9	7819000013	1	Sleeve	
10	7660152601	6	Nut 5/16	
11	7950150161	7	Washer 5/16	
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	
408	7274000042	3	Clamp	
500	1001132800	2	Clamp, Hose Kit (Not Shown)	
501	7274000040	2	Clamp	
503	7274000042	2	Clamp	
504	4706003844	2	Plate	
505	7115151050	2	Bolt 5/16 x 1-1/4	
506	7950150161	6	Washer 5/16	
507	7660152601	4	Nut 5/16	
508	7115151064	2	Bolt 5/16 x 1-1/4	

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FIGURE 6-30. TANK (HYDRAULIC) INSTALLATION



ART_2509650093

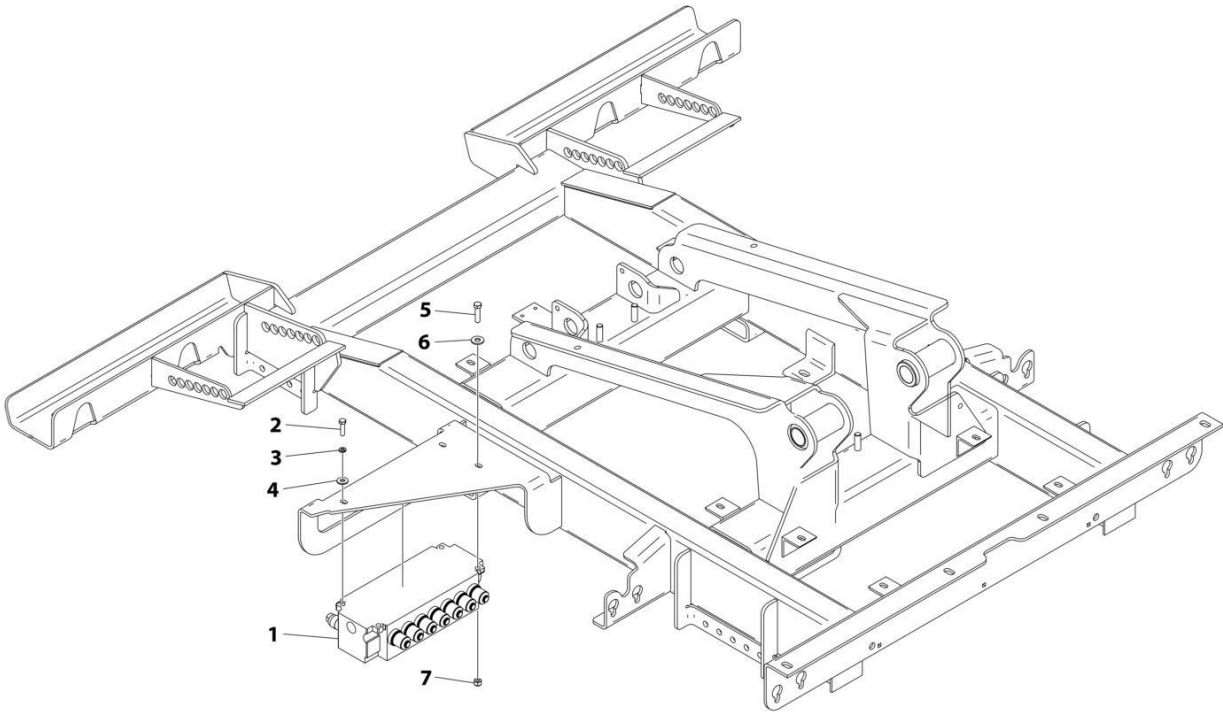
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FIGURE 6-30. TANK (HYDRAULIC) INSTALLATION

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	

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FIGURE 6-31. VALVE INSTALLATION – MAIN CONTROL (MANUAL - NO REMOTE)



ART_1001137665

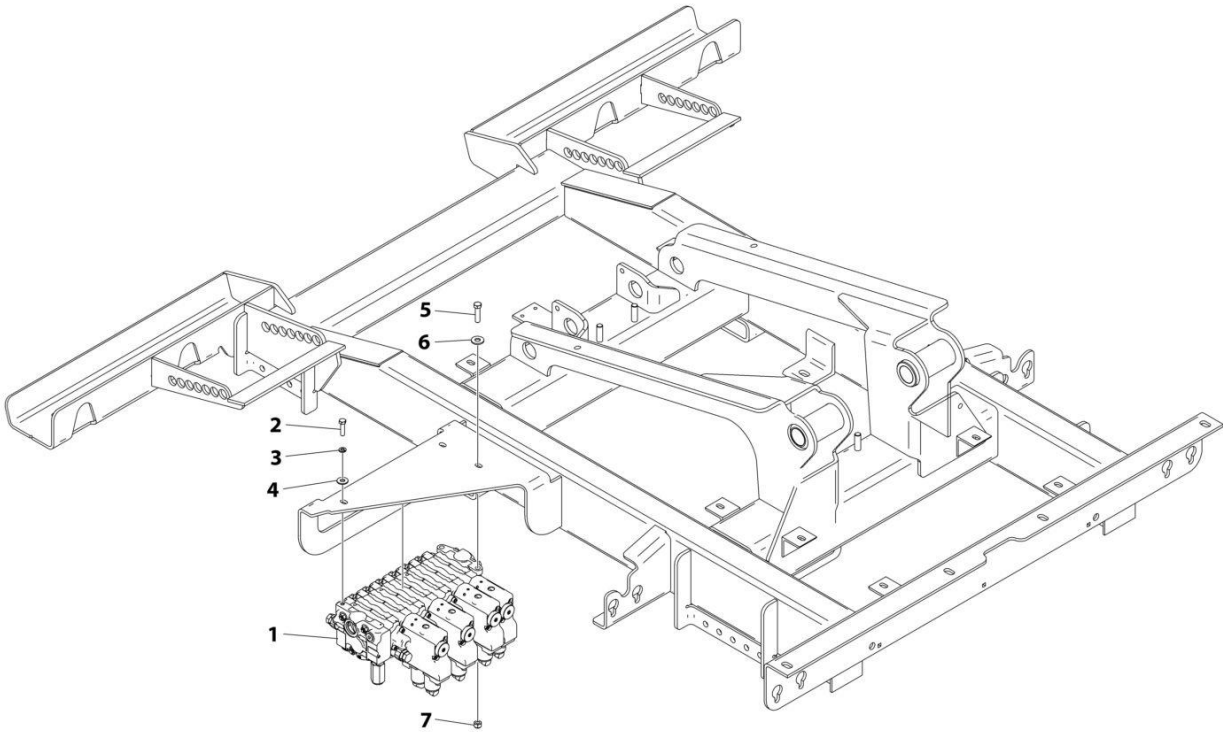
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FIGURE 6-31. VALVE INSTALLATION – MAIN CONTROL (MANUAL - NO REMOTE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137665	Ref	MAIN CONTROL VALVE INSTALLATION - MANUAL CONTROLS	A
1	7935000261	1	Valve Assembly 7 Bank (See Separate Breakdown in this Section	
2	7115151050	1	Bolt 5/16 x 1-1/4	
3	7950150000	1	Washer 5/16	
4	7950150161	1	Washer 5/16	
5	7115161250	2	Bolt 3/8 x 1-1/2	
6	7950160161	2	Washer 3/8	
7	7660162601	2	Nut 3/8	

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FIGURE 6-32. VALVE INSTALLATION – MAIN CONTROL (REMOTE - TOGGLE)



ART_1001137666

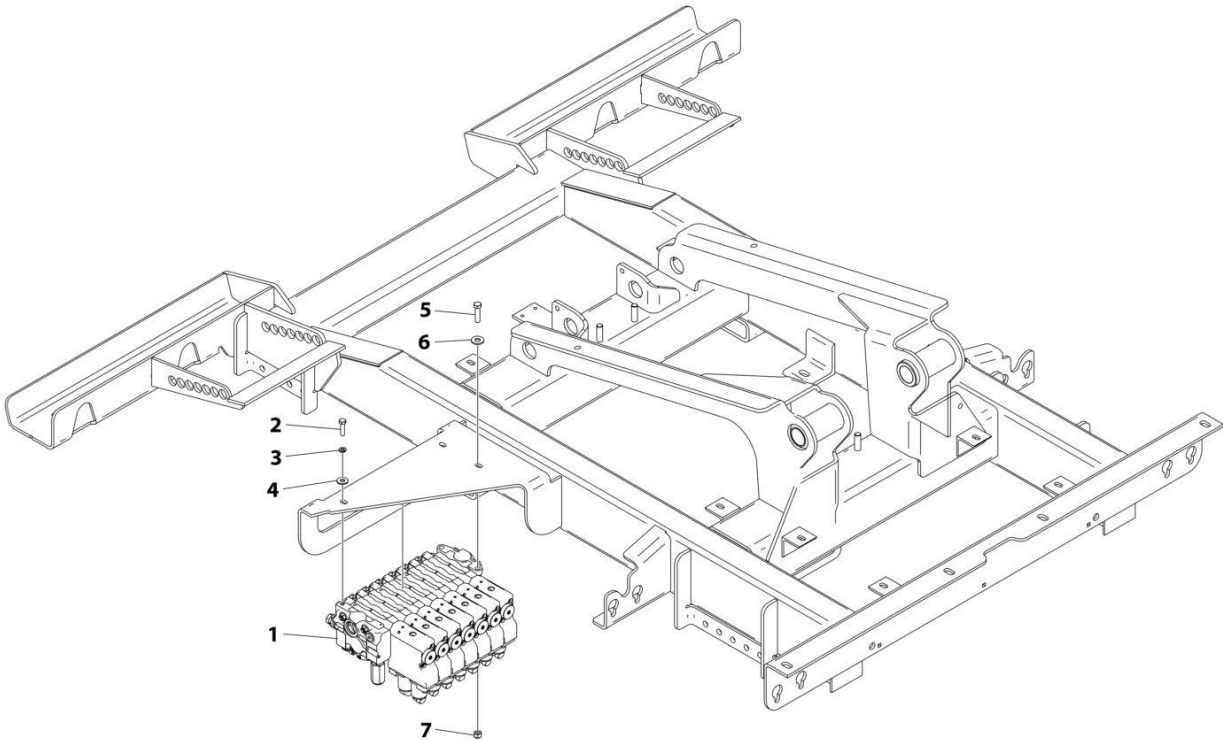
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FIGURE 6-32. VALVE INSTALLATION – MAIN CONTROL (REMOTE - TOGGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137666	Ref	MAIN CONTROL VALVE INSTALLATION - 4 SOLENOID CONTROLS	A
1	3935000170	1	Valve Assembly 7 Bank (See Separate Breakdown in this Section	
2	7115151050	1	Bolt 5/16 x 1-1/4	
3	7950150000	1	Washer 5/16	
4	7950150161	1	Washer 5/16	
5	7115161250	2	Bolt 3/8 x 1-1/2	
6	7950160161	2	Washer 3/8	
7	7660162601	2	Nut 3/8	

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FIGURE 6-33. VALVE INSTALLATION – MAIN CONTROL (REMOTE - MEMBRANE)



ART_1001137667

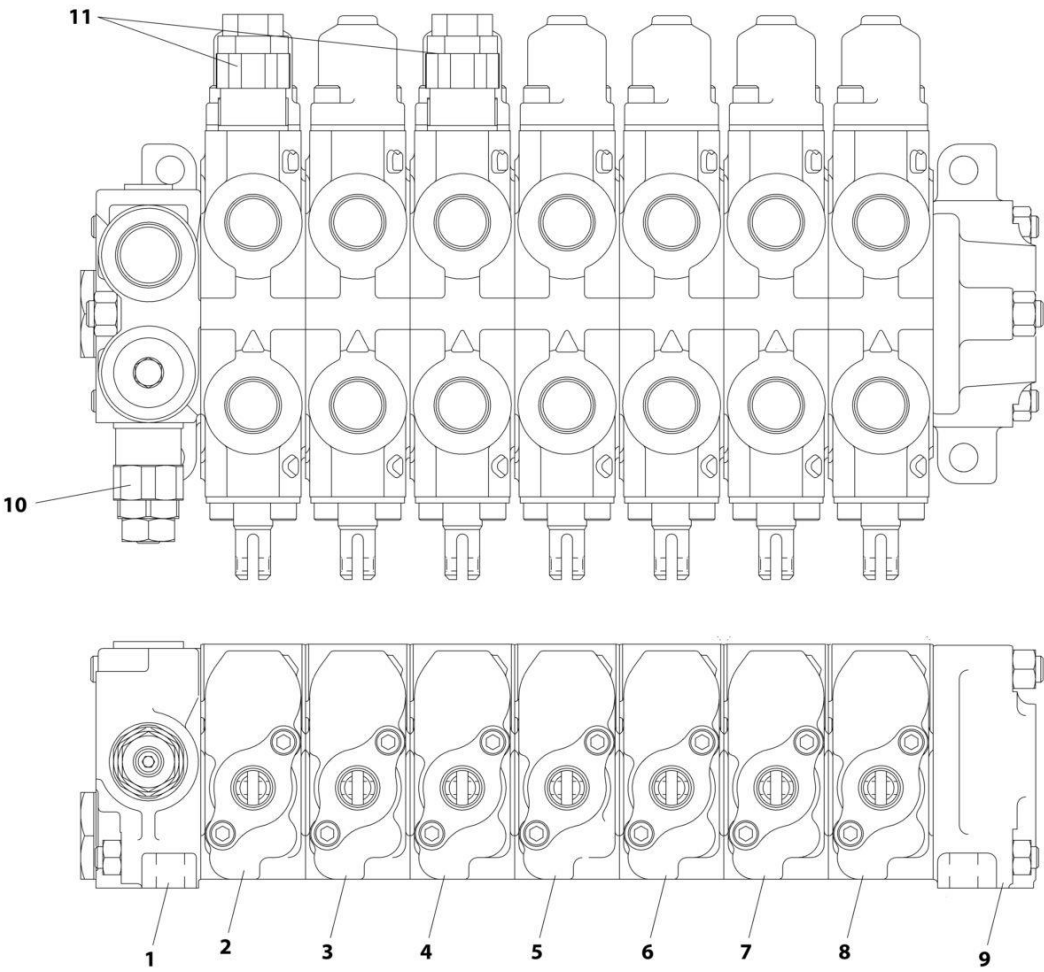
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FIGURE 6-33. VALVE INSTALLATION – MAIN CONTROL (REMOTE - MEMBRANE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137667	Ref	MAIN CONTROL VALVE INSTALLATION - 7 SOLENOID CONTROLS	A
1	1001132189	1	Valve Assembly 7 Bank (See Separate Breakdown in this Section	
2	7115151050	1	Bolt 5/16 x 1-1/4	
3	7950150000	1	Washer 5/16	
4	7950150161	1	Washer 5/16	
5	7115161250	2	Bolt 3/8 x 1-1/2	
6	7950160161	2	Washer 3/8	
7	7660162601	2	Nut 3/8	

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FIGURE 6-34. VALVE ASSEMBLY - 7 BANK/NO SOLENOIDS



ART_7935000261

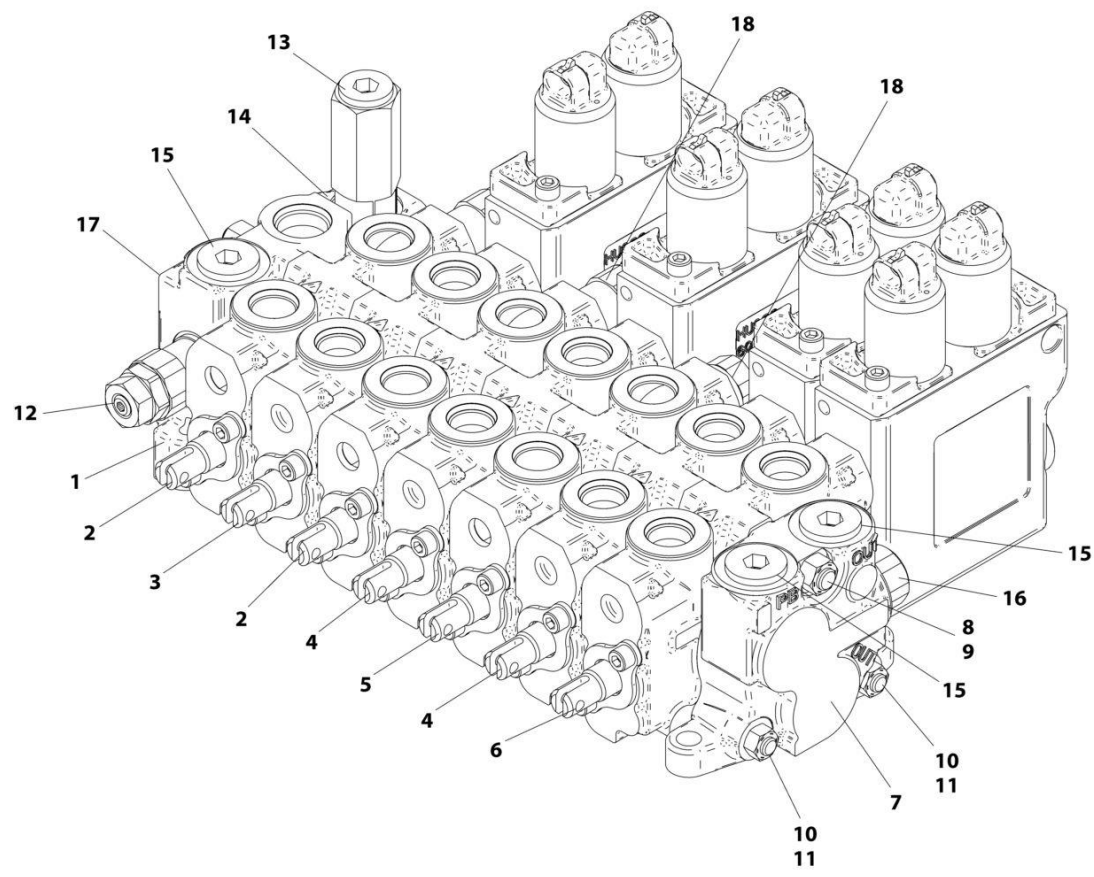
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FIGURE 6-34. VALVE ASSEMBLY - 7 BANK/NO SOLENOIDS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7935000261	Ref	VALVE ASSEMBLY - 7 SECTION	C
1	7935000169	1	Inlet	
2	70050079	1	Spool Section	
3	7935000266	1	Spool Section	
4	70050079	1	Spool Section	
5	7935000266	1	Spool Section	
6	7935000266	1	Spool Section	
7	7935000266	1	Spool Section	
8	7935000266	1	Spool Section	
9	70051665	1	Outlet Section	
10	9935930106	1	Relief Valve	
11	7935000174	1	Relief Valve	

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FIGURE 6-35. VALVE ASSEMBLY - 7 BANK/4 SOLENOIDS



ART_3935000170

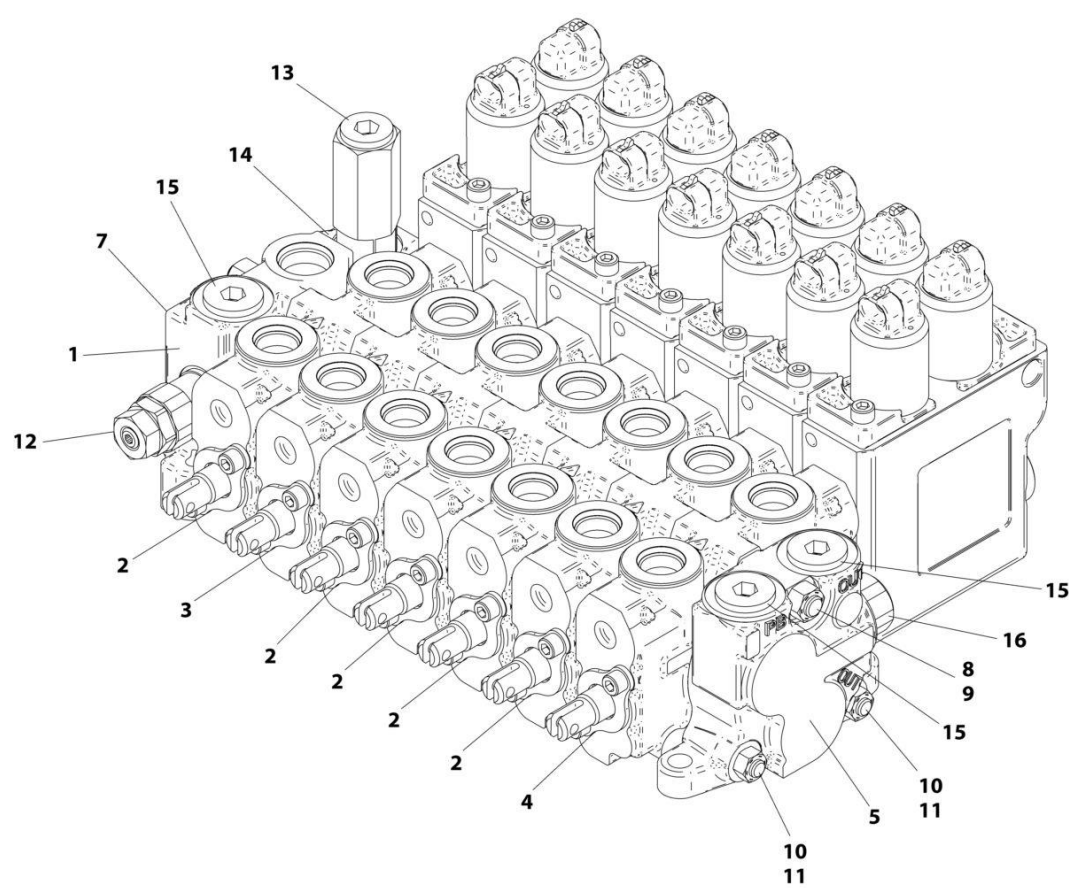
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FIGURE 6-35. VALVE ASSEMBLY - 7 BANK/4 SOLENOIDS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3935000170	Ref	VALVE ASSEMBLY - 7 SECTION - 4 SOLENOID	D
1	7935000297	1	Inlet Section	
2	7935000298	2	Spool Section	
3	9935930141	1	Spool Section	
4	9935930146	2	Spool Section	
5	7935000251	1	Spool Section	
6	1001126735	1	Spool Section	
7	7935000256	1	Outlet Section	
8	70051667	1	Tie Rod	
9	8035346	2	Nut	
10	70051666	2	Tie Rod	
11	7012926	4	Nut	
12	9935930106	1	Relief Valve	
13	7935000174	1	Relief Valve	
14		Ref	Plug	
15		Ref	Plug	
16	70051205	1	Relief Valve	
17		Ref	Plate	
18	7935000174	2	Relief Valve	

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FIGURE 6-36. VALVE ASSEMBLY - 7 BANK/7 SOLENOIDS



ART_1001132189

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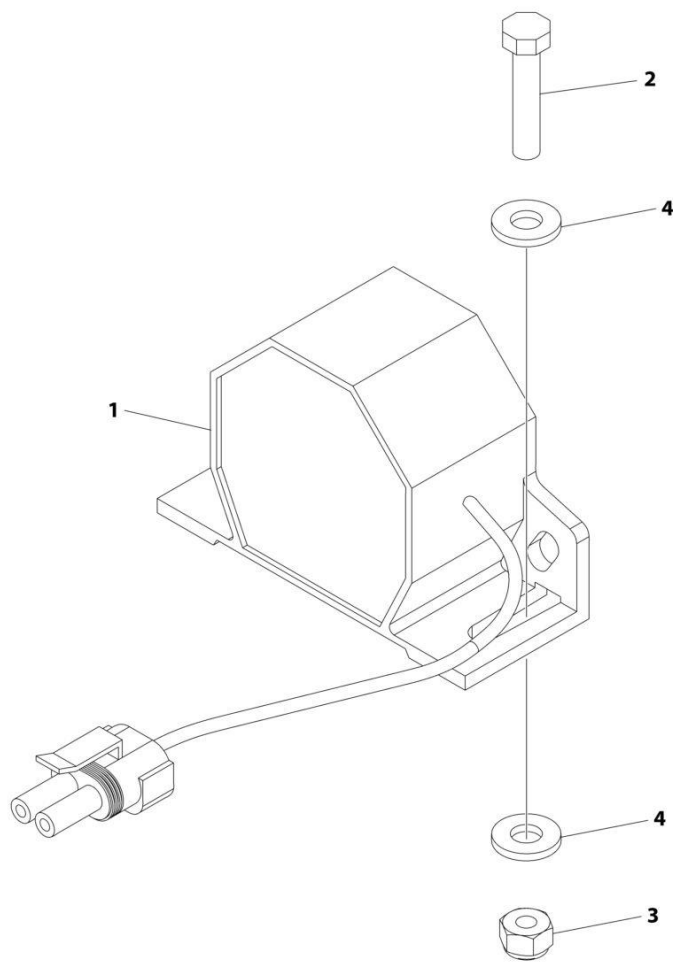
FIGURE 6-36. VALVE ASSEMBLY - 7 BANK/7 SOLENOIDS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132189	Ref	VALVE ASSEMBLY - 7 SECTION - 7 SOLENOID	B
1	7935000297	1	Inlet Section	
2	9935930146	5	Spool Section	
3	9935930141	1	Spool Section	
4	1001126735	1	Spool Section	
5	7935000256	1	Outlet Section	
6	70051205	1	Relief Valve	
7		Ref	Plate	
8	70051667	1	Tie Rod	
9	8035346	2	Nut	
10	70051666	2	Tie Rod	
11	7012926	4	Nut	
12	9935930106	1	Relief Valve	
13	7935000174	1	Relief Valve	
14		Ref	Plug	
15		Ref	Plug	

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



ART_2011000002

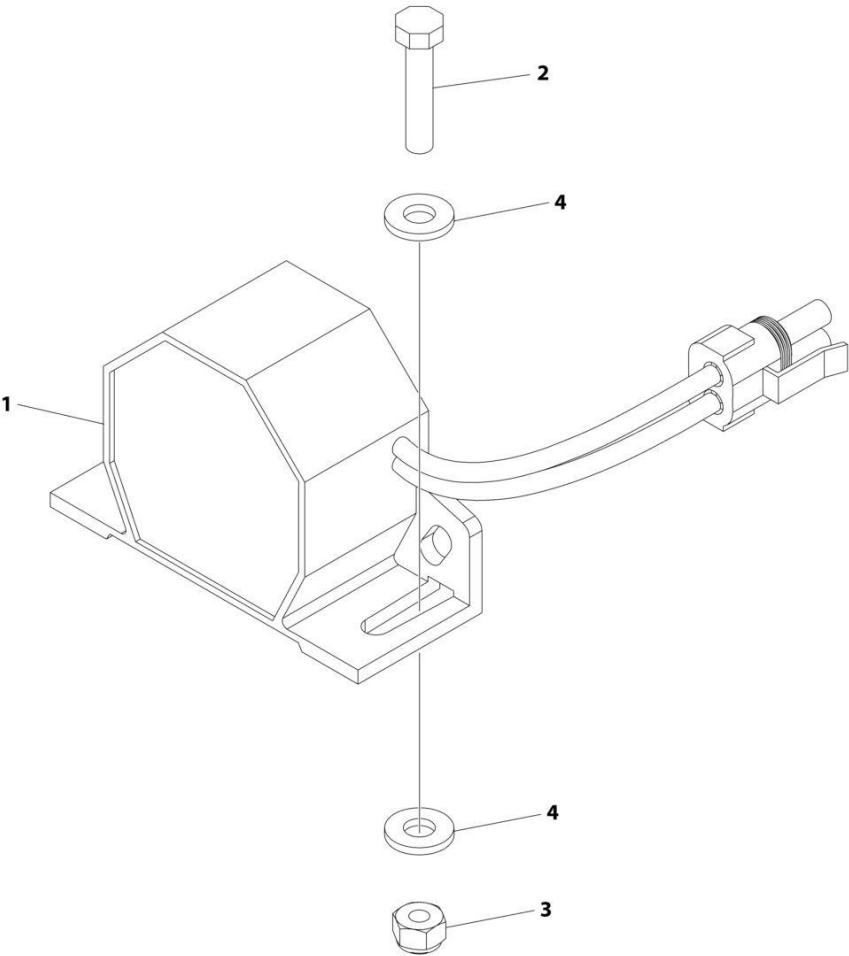
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FIGURE 7-1. ALARM INSTALLATION - BACK-UP (FIXED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2011000002	Ref	ALARM INSTALLATION - BACK-UP (FIXED)	B
1	7011000006	1	Alarm	
2	7111141050	2	Bolt 1/4 x 1-1/4	
3	7660142600	2	Nut 1/4	
4	7950140141	4	Washer 1/4	

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



ART_2011000003

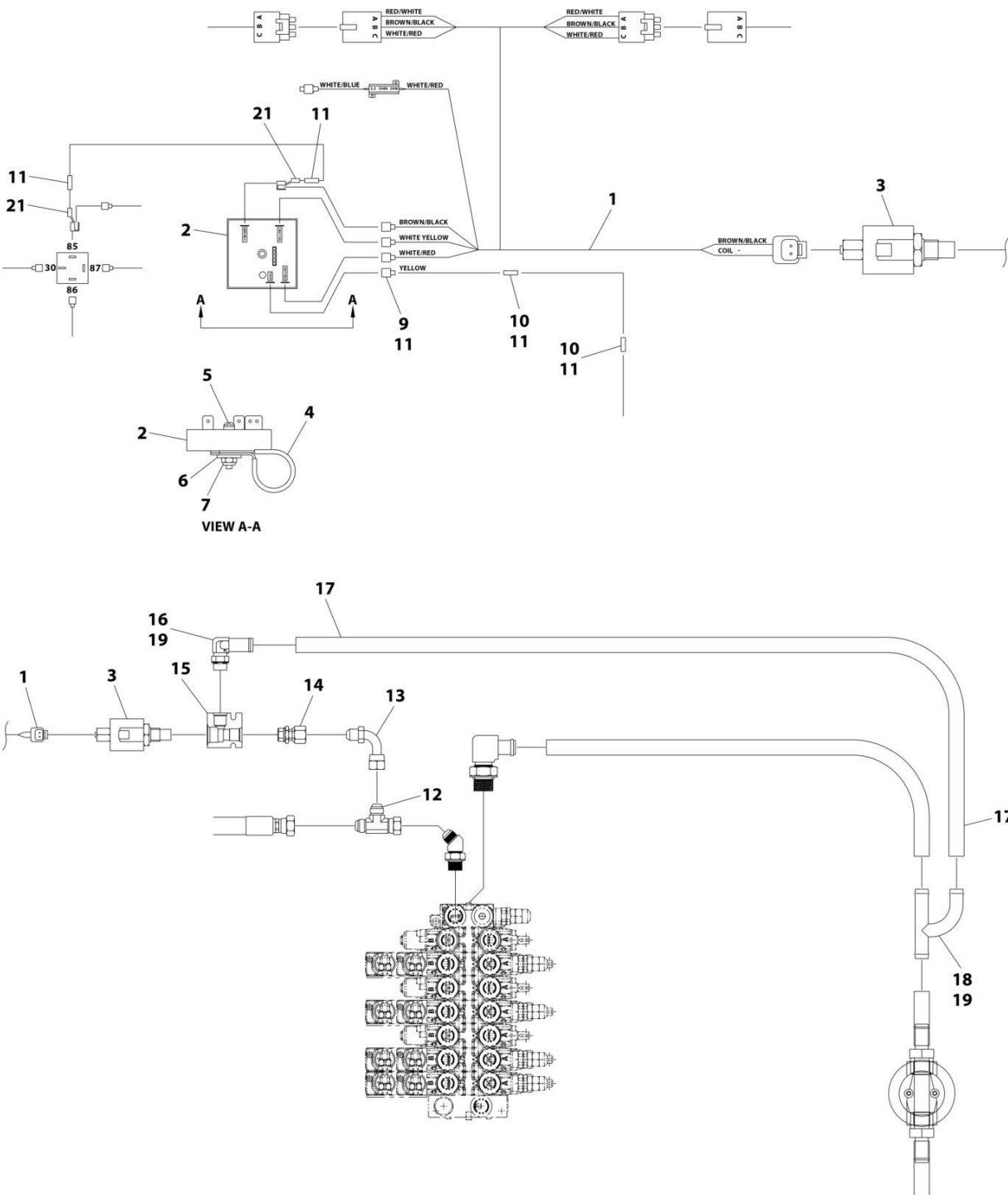
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FIGURE 7-2. ALARM INSTALLATION - BACK-UP (VARIABLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2011000003	Ref	ALARM INSTALLATION - BACK-UP (VARIABLE)	B
1	1001175061	1	Alarm	
2	7111141050	2	Bolt 1/4 x 1-1/4	
3	7660142600	2	Nut 1/4	
4	7950140141	4	Washer 1/4	

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FIGURE 7-3. ANTI-STALL INSTALLATION (FORD V8)



ART_1001126961

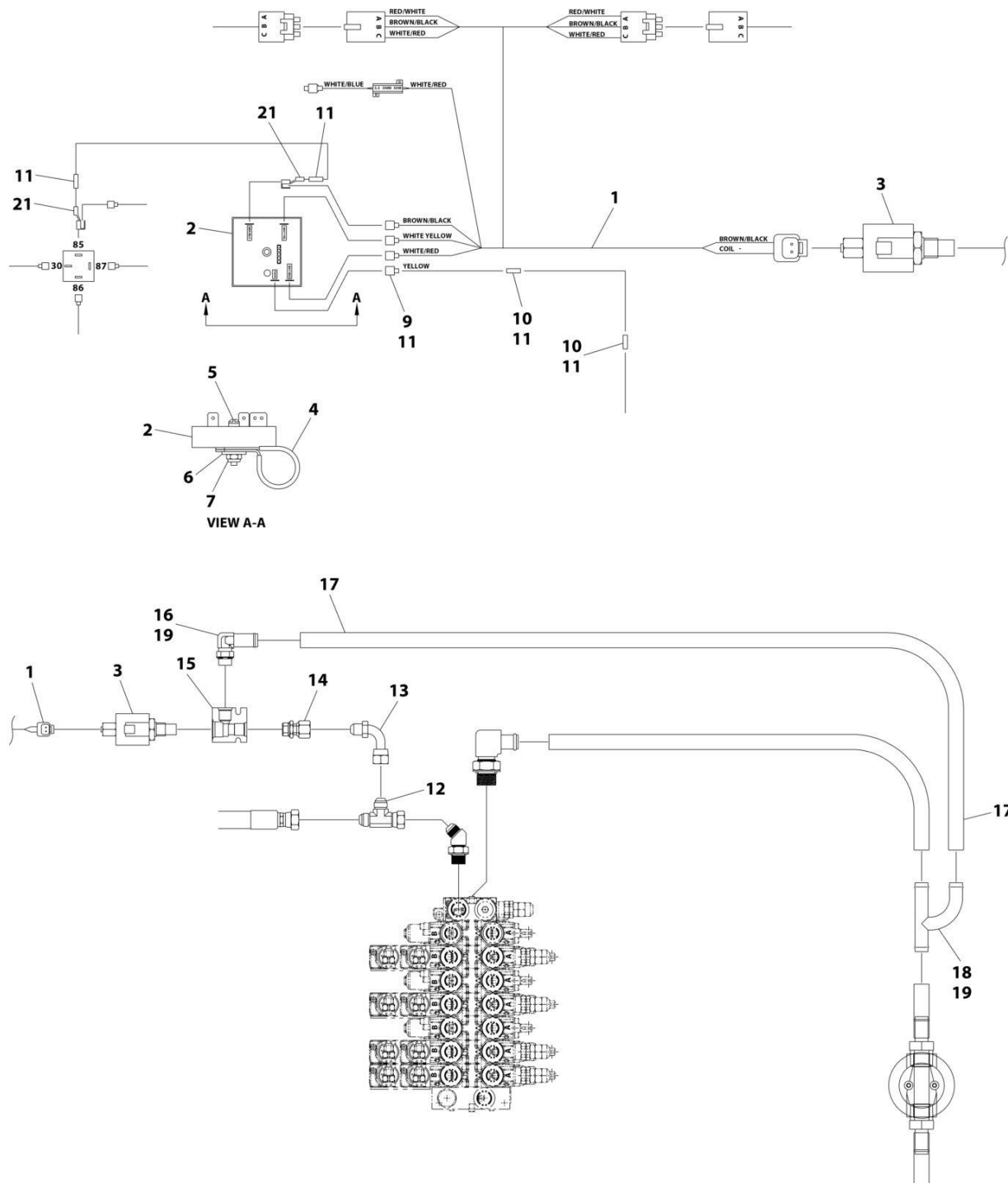
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FIGURE 7-3. ANTI-STALL INSTALLATION (FORD V8)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001126961	Ref	ANTI-STALL INSTALLATION (FORD V8)	0
1	7552000427	1	Anti-Stall Harness (See Separate Breakdown in ELECTRICAL Section)	
2	1001126957	1	Module, Control (Anti-Stall)	
3	7935000361	1	Valve, Solenoid Cartridge	
4	7274000040	1	Clamp	
5	7114060810	1	Capscrew #6 x 1	
6	7950100163	1	Washer #10	
7	7660062604	1	Nut #6	
9	7345001710	1	Tab	
10	7345001714	2	Terminal	
11	7346000039	AR	Tube	
12	7443000063	1	Fitting, Tee	
13	7443000023	1	Fitting, 90	
14	7445080898	1	Fitting, Straight	
15	7935000370	1	Valve	
16	7443000436	1	Fitting, 90	
17	4570000227	1	Hose	
18	7443000473	1	Fitting, 90	
19	7274000080	4	Clamp	
21	7345001747	2	Fasteners	

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FIGURE 7-4. ANTI-STALL INSTALLATION (FORD V10)



ART_3509170134

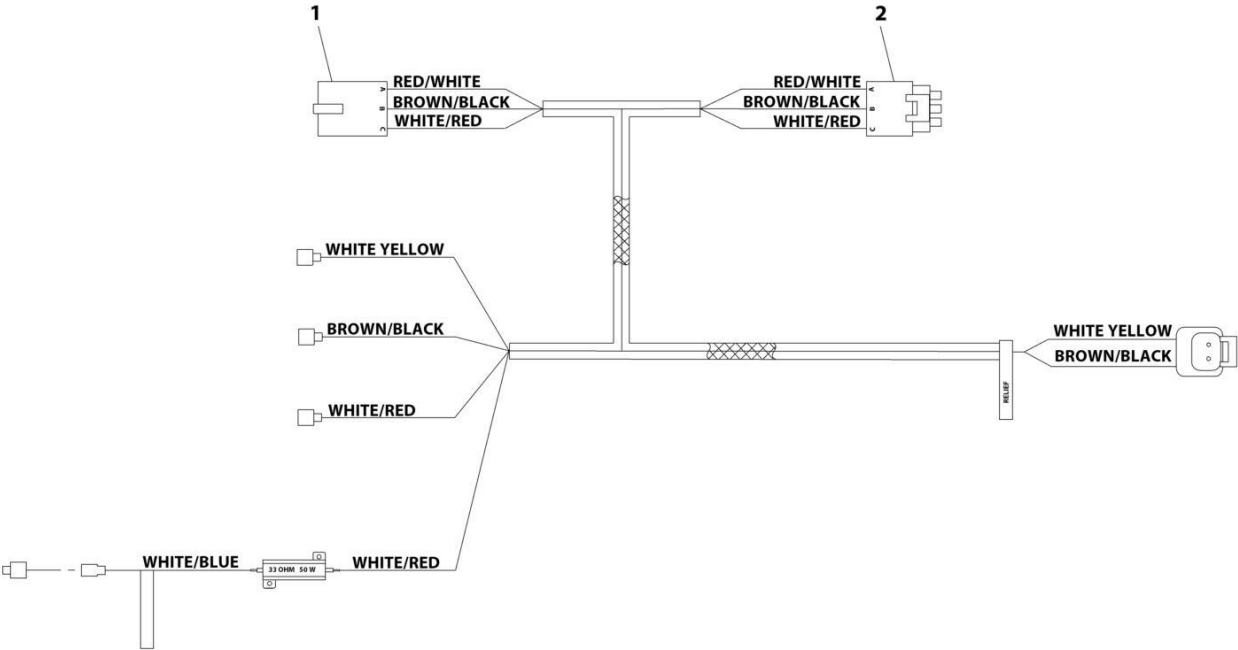
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FIGURE 7-4. ANTI-STALL INSTALLATION (FORD V10)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3509170134	Ref	ANTI-STALL INSTALLATION (FORD V10)	A
1	7552000427	1	Anti-Stall Harness (See Separate Breakdown in ELECTRICAL Section)	
2	1001126957	1	Module, Control (Anti-Stall)	
3	7935000361	1	Valve, Solenoid Cartridge	
4	7274000040	1	Clamp	
5	7114060810	1	Capscrew #6 x 1	
6	7950100163	1	Washer #10	
7	7660062604	1	Nut #6	
9	7345001710	1	Tab	
10	7345001714	2	Terminal	
11	7346000039	AR	Tube	
12	7443000063	1	Fitting, Tee	
13	7443000023	1	Fitting, 90	
14	7445080898	1	Fitting, Straight	
15	7935000370	1	Valve	
16	7443000436	1	Fitting, 90	
17	4570000227	1	Hose	
18	7443000473	1	Fitting, 90	
19	7274000080	4	Clamp	
21	7345001747	2	Fasteners	

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FIGURE 7-5. ANTI-STALL CAB & SUBFRAME HARNESS



ART_7552000427

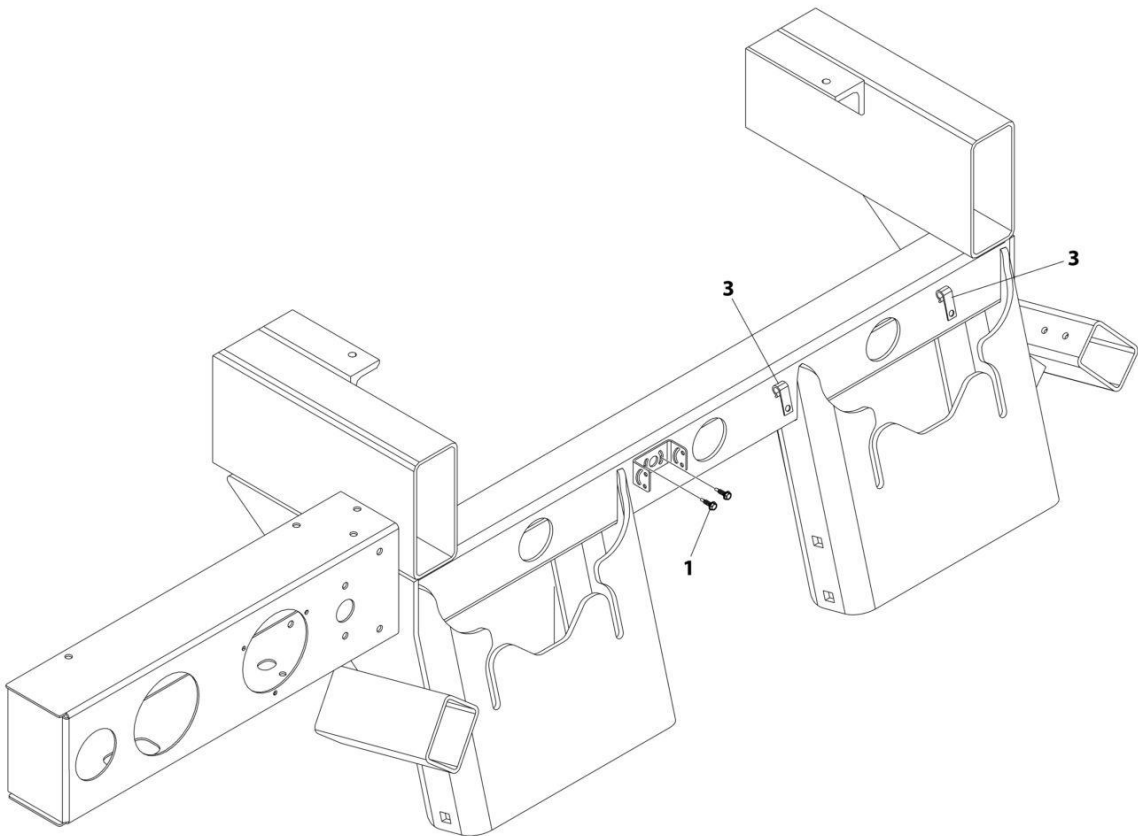
SECTION 7 - ELECTRICAL

FIGURE 7-5. ANTI-STALL CAB & SUBFRAME HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000427	Ref	CAB AND SUBFRAME HARNESS	0
1		Ref	Connector	
1	4460475	1	Terminal	
1	4460458	1	Seal	
2	8220081	1	Connector	
2	4460457	1	Terminal	
2		Ref	Seal	

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FIGURE 7-6. BACK UP CAMERA INSTALLATION - CHASSIS SUPPLIED



ART_1001220181

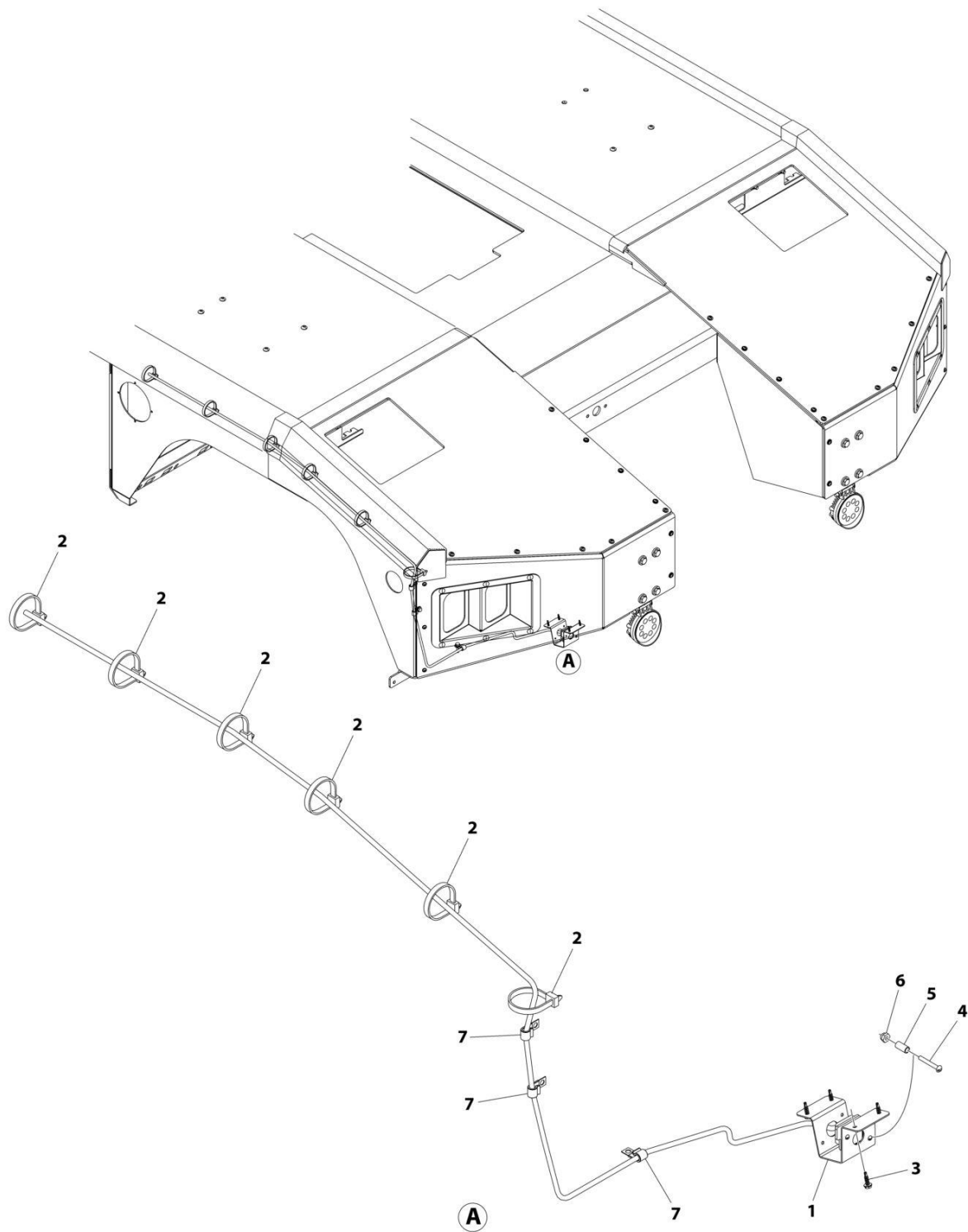
SECTION 7 - ELECTRICAL

FIGURE 7-6. BACK UP CAMERA INSTALLATION - CHASSIS SUPPLIED

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

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



ART_1001255485

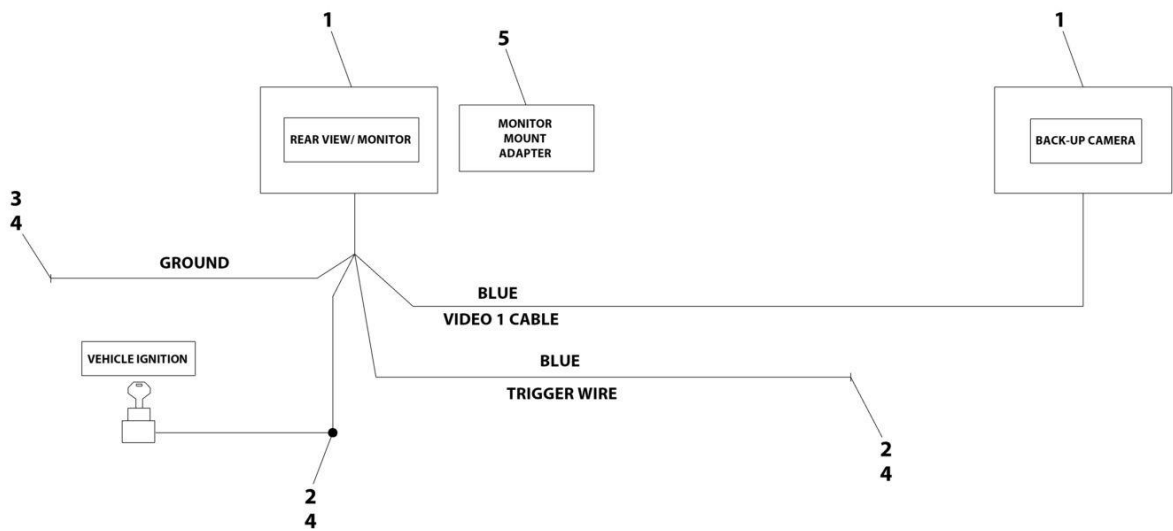
SECTION 7 - ELECTRICAL

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255485	Ref	BACK UP CAMERA INSTALLATION - CHASSIS SUPPLIED (CV515 ONLY)	A
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	

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FIGURE 7-8. BACK UP CAMERA INSTALLATION (REAR VIEW MIRROR)



ART_1001142974

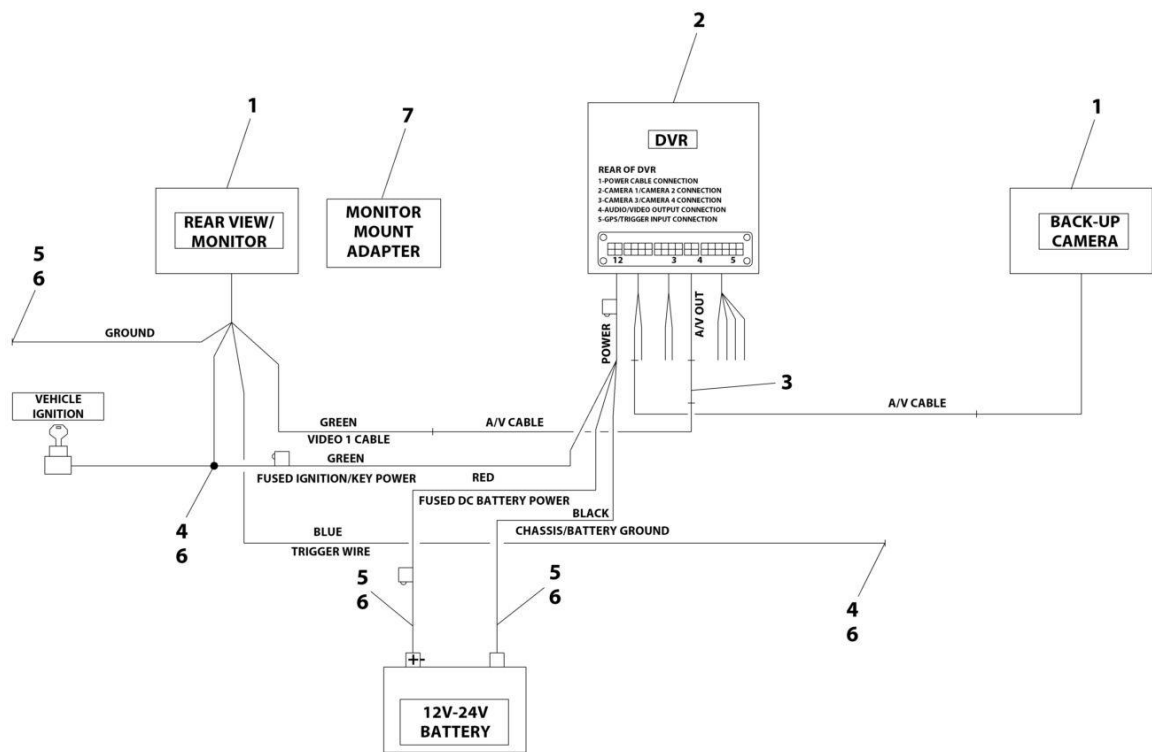
SECTION 7 - ELECTRICAL

FIGURE 7-8. BACK UP CAMERA INSTALLATION (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	Adapter	

SECTION 7 - ELECTRICAL

FIGURE 7-9. BACK UP CAMERA INSTALLATION (WITH DVR)



ART_1001142973

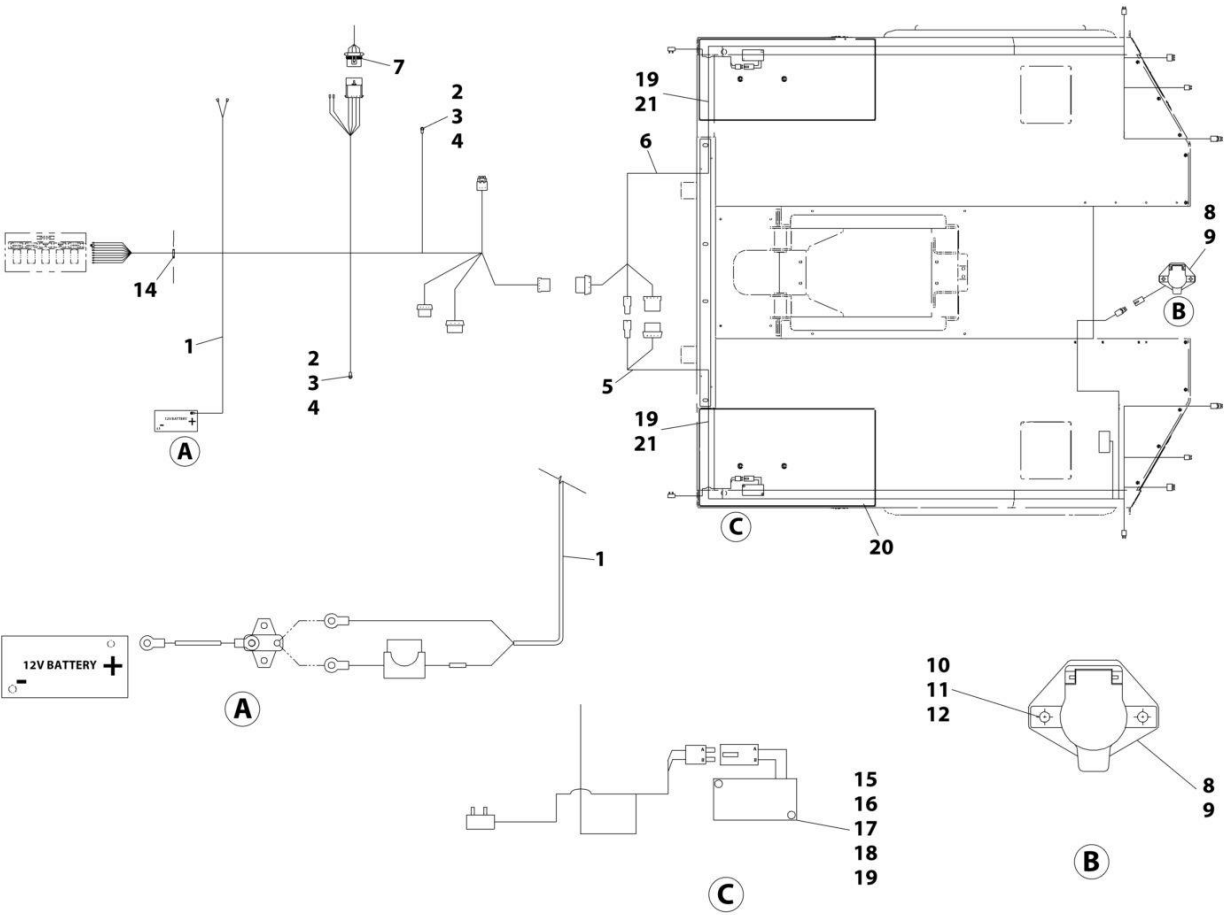
SECTION 7 - ELECTRICAL

FIGURE 7-9. BACK UP CAMERA INSTALLATION (WITH DVR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142973	Ref	BACK UP CAMERA INSTALLATION (WITH DVR)	C
1	1001139909	1	Camera System	
2	1001139911	1	DVR	
3	1001142453	1	Cable	
4	7345001914	2	Terminal	
5	7345221902	3	Terminal	
6	7346000039	AR	Tubing	
7	1001229606	1	Adapter	

SECTION 7 - ELECTRICAL

FIGURE 7-10. BODY ELECTRICAL INSTALLATION



ART_1001208048

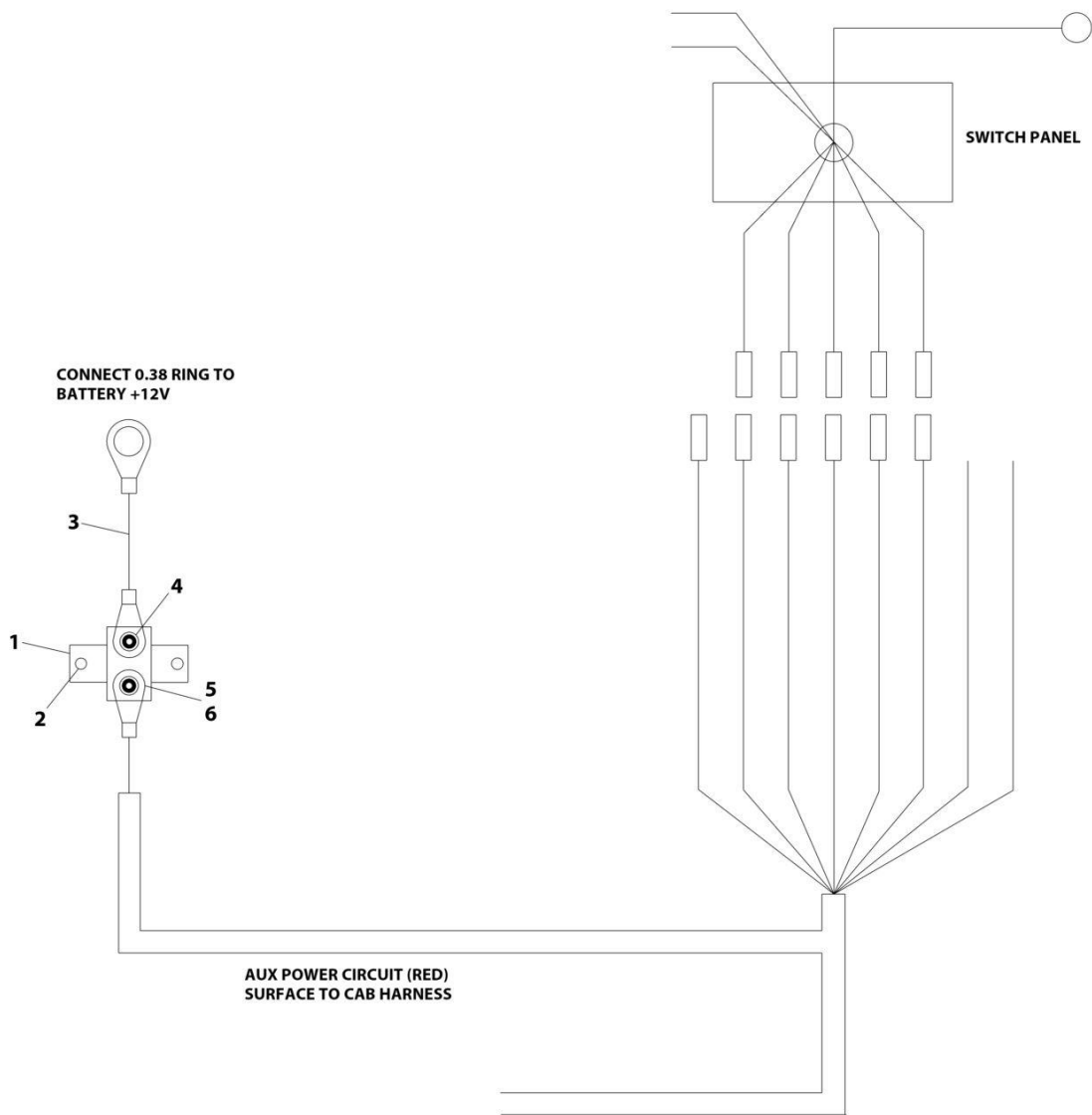
SECTION 7 - ELECTRICAL

FIGURE 7-10. BODY ELECTRICAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208048	Ref	BODY ELECTRICAL INSTALLATION	C
1	7552000292	2	Harness, Cab & Subframe (See Separate Breakdown in this Section)	
2	0641410	2	Bolt 1/4 x 1-1/4	
3	7660142600	2	Nut 1/4	
4	4711400	1	Washer 1/4	
5	1001190945	1	Harness, LH	
6	1001190946	1	Harness, RH	
7	7577000194	1	Connector Kit	
8	7291000010	1	Connector	
9	7796000048	1	Gasket	
10	7111140613	2	Screw 1/4	
11	4761400	2	Washer 1/4	
12	7413000002	2	Nut 1/4	
13	7894000042	29	Tie-Strap (Not Show)	
14	7493000003	1	Grommet	
15	7590000273	2	Light	
16	7120000081	4	Screw #10	
17	7661000007	4	Nut #10	
18	7831000040	4	Spacer	
19	8798820001	AR	Sealant	
20	7413000013	2	Push Fastener	
21	4420002	AR	Tape	

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FIGURE 7-11. BREAKER INSTALLATION - 50AMP



ART_1001129883

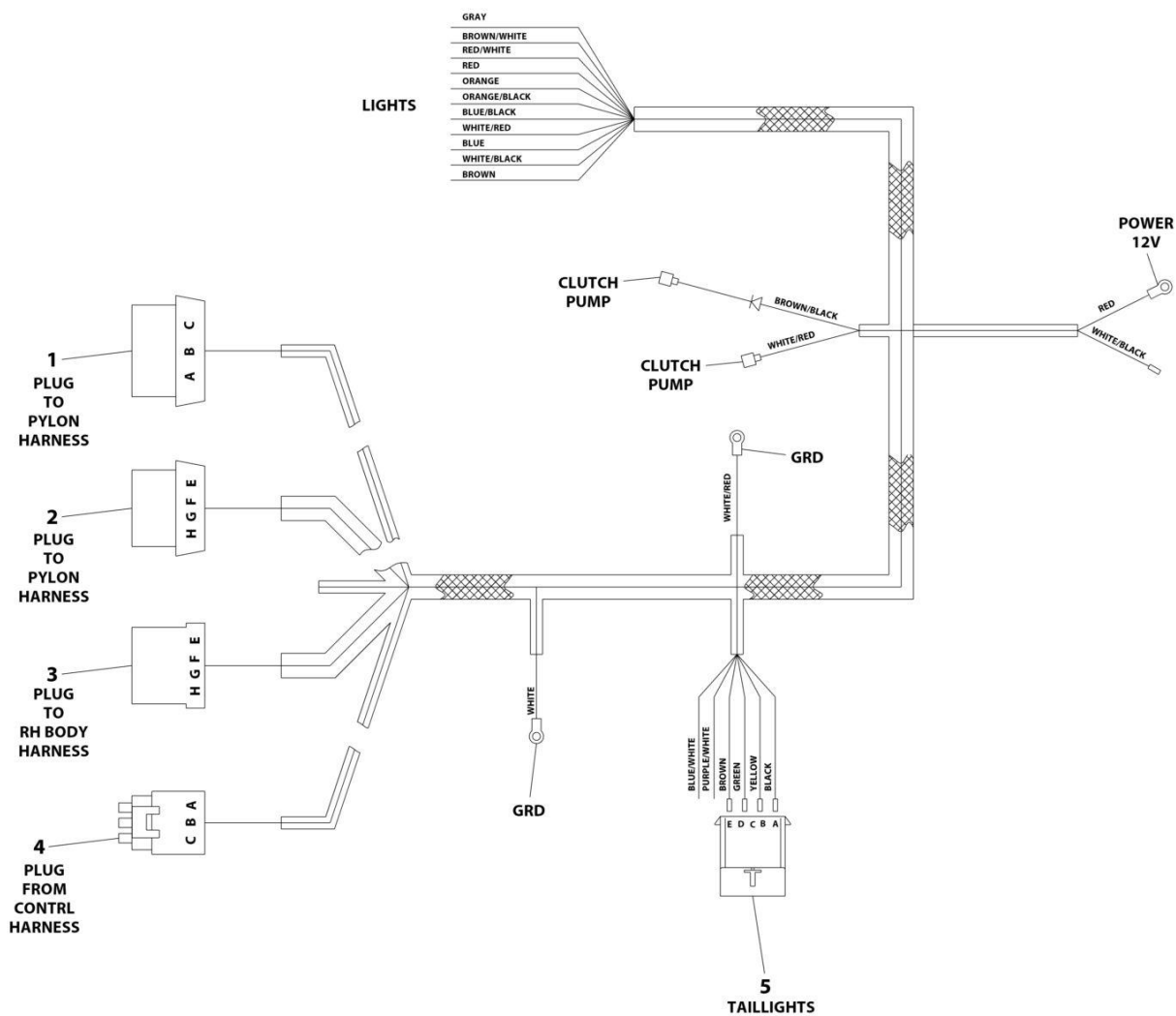
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FIGURE 7-11. BREAKER INSTALLATION - 50AMP

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 7-12. CAB AND SUBFRAME HARNESS



ART_7552000292

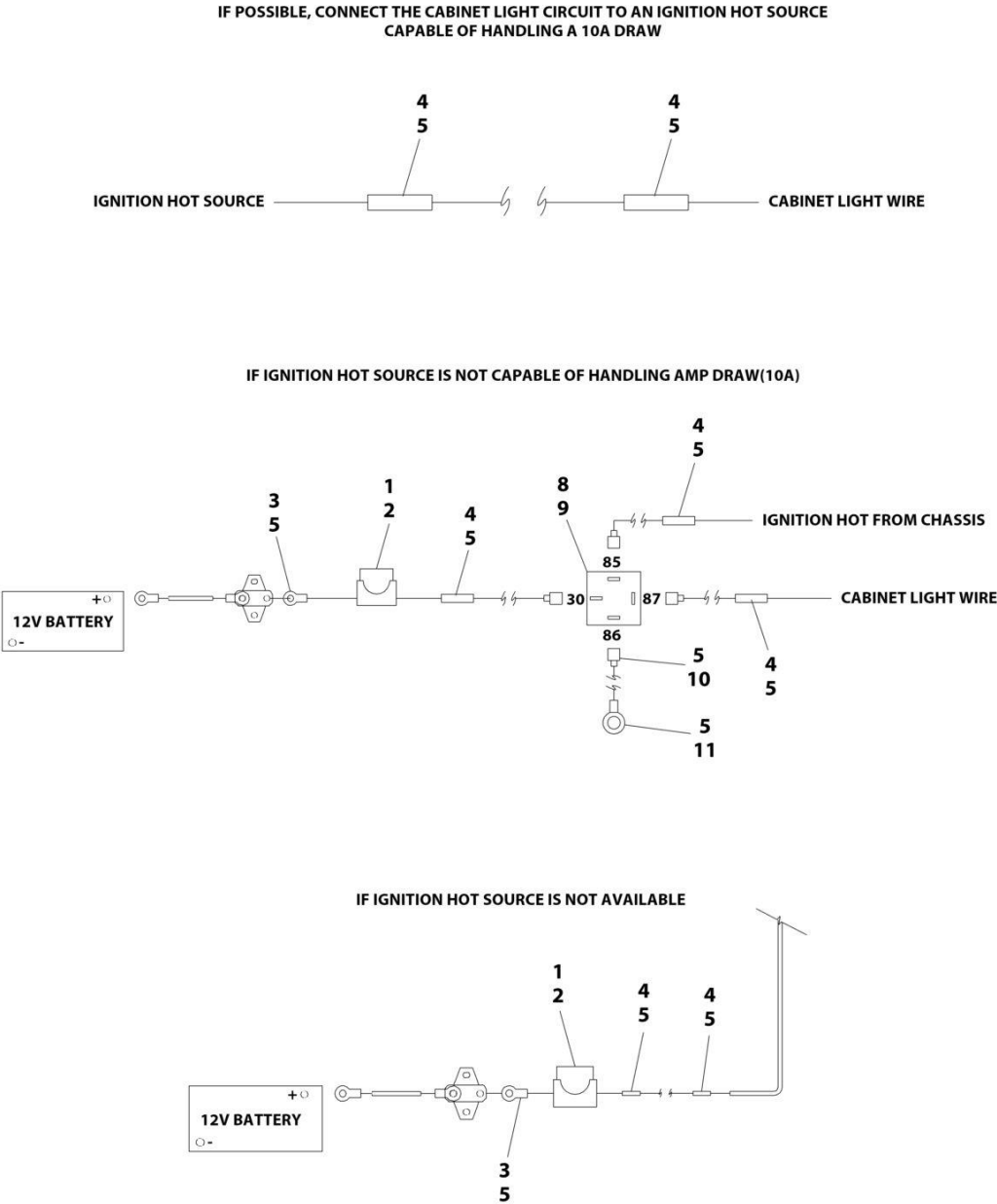
SECTION 7 - ELECTRICAL

FIGURE 7-12. CAB AND SUBFRAME HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000292	Ref	CAB AND SUBFRAME HARNESS	C
1	8220935	1	Connector	
1		Ref	Lock	
1		Ref	Seal	
1	8220099	1	Terminal	
2	4460587	1	Connector	
2	4460588	1	Lock	
2	4460608	1	Seal	
2	4460589	1	Terminal	
3	4460692	1	Connector	
3	4460588	1	Lock	
3	4460608	1	Seal	
3	4460693	1	Terminal	
4		Ref	Connector	
4	4460457	1	Terminal	
4	8220081	1	Seal	
5	1001121727	1	Connector	
5		Ref	Lock	
5	1001116729	1	Terminal	
5		Ref	Seal	
5	1001116727	1	Plug	

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FIGURE 7-13. LIGHTS - CABINET LIGHT AND FUSE INSTALLATION



ART_1001135689

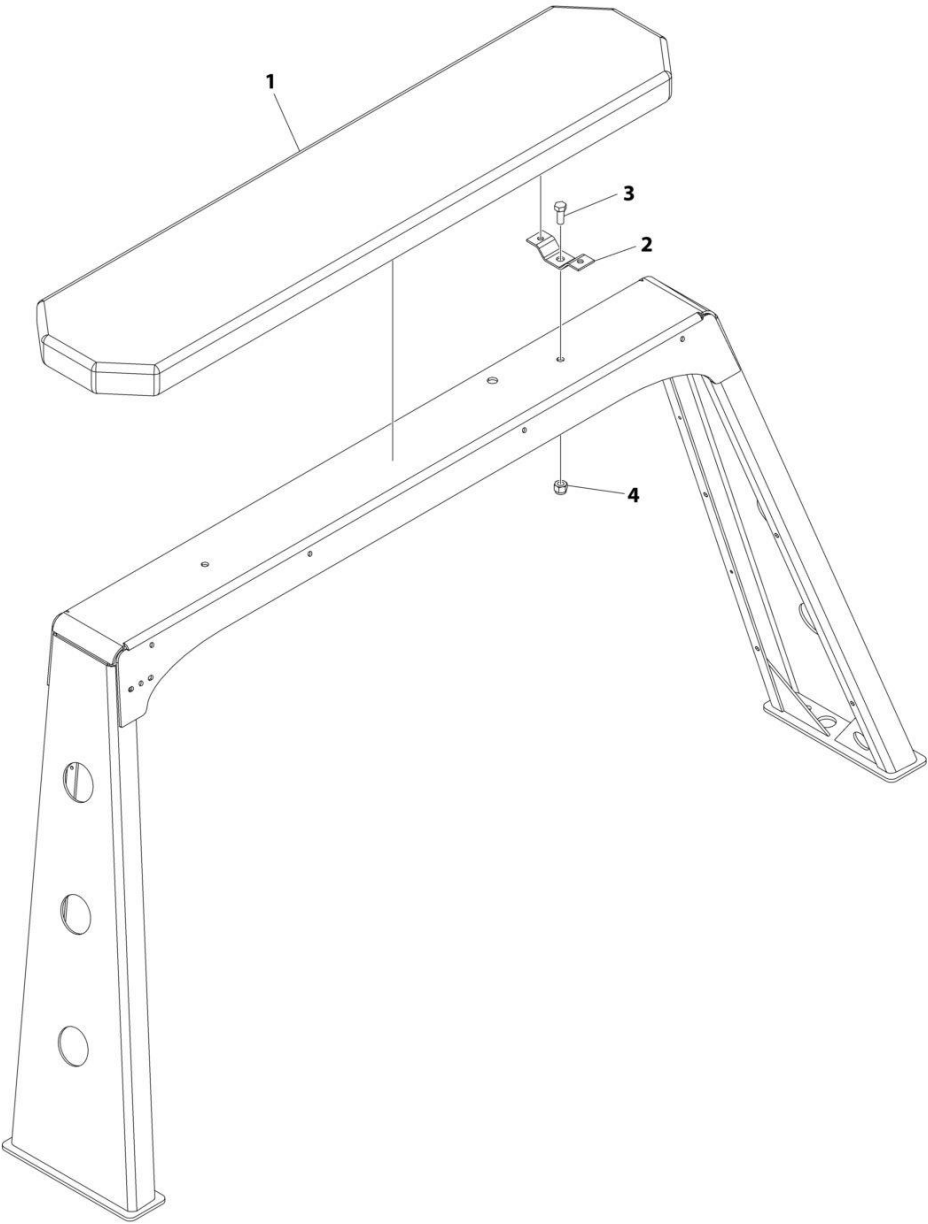
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FIGURE 7-13. LIGHTS - CABINET LIGHT AND FUSE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135689	Ref	CABINET LIGHT AND FUSE INSTALLATION	C
1	7346000126	1	Fuse Holder	
2	7457000014	1	Fuse	
3	7345221902	1	Terminal	
4	7345001714	3	Terminal	
5	4346000005	8	Heat Shrink Tubing	
8	7740000003	1	Relay	
9	7120000034	1	Screw #10 x 3/4	
10	7345001710	4	Tab	
11	7345221702	1	Terminal	

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FIGURE 7-14. LIGHTS - LIGHTBAR INSTALLATION - 58IN AMBER 10 LED CODE 3 (STANDARD MOUNT)



ART_2590000179

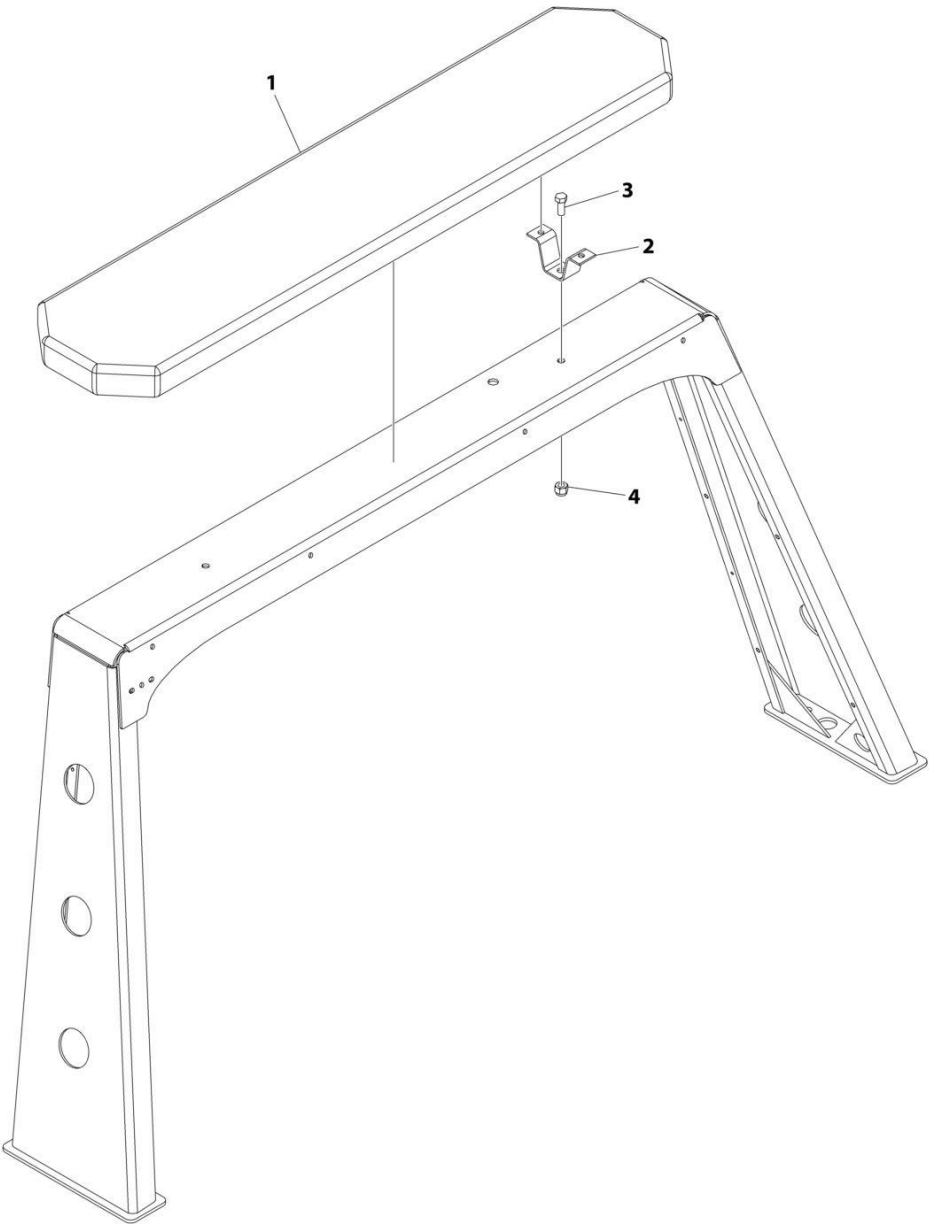
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FIGURE 7-14. LIGHTS - LIGHTBAR INSTALLATION - 58IN AMBER 10 LED CODE 3 (STANDARD MOUNT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2590000179	Ref	LIGHTBAR INSTALLATION - 58IN AMBER 10 LED CODE 3 (STANDARD MOUNT)	E
1	1001136990	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	

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FIGURE 7-15. LIGHTS - LIGHTBAR INSTALLATION - 58IN AMBER 8 LED CODE 3 (HIGH MOUNT)



ART_1001256173

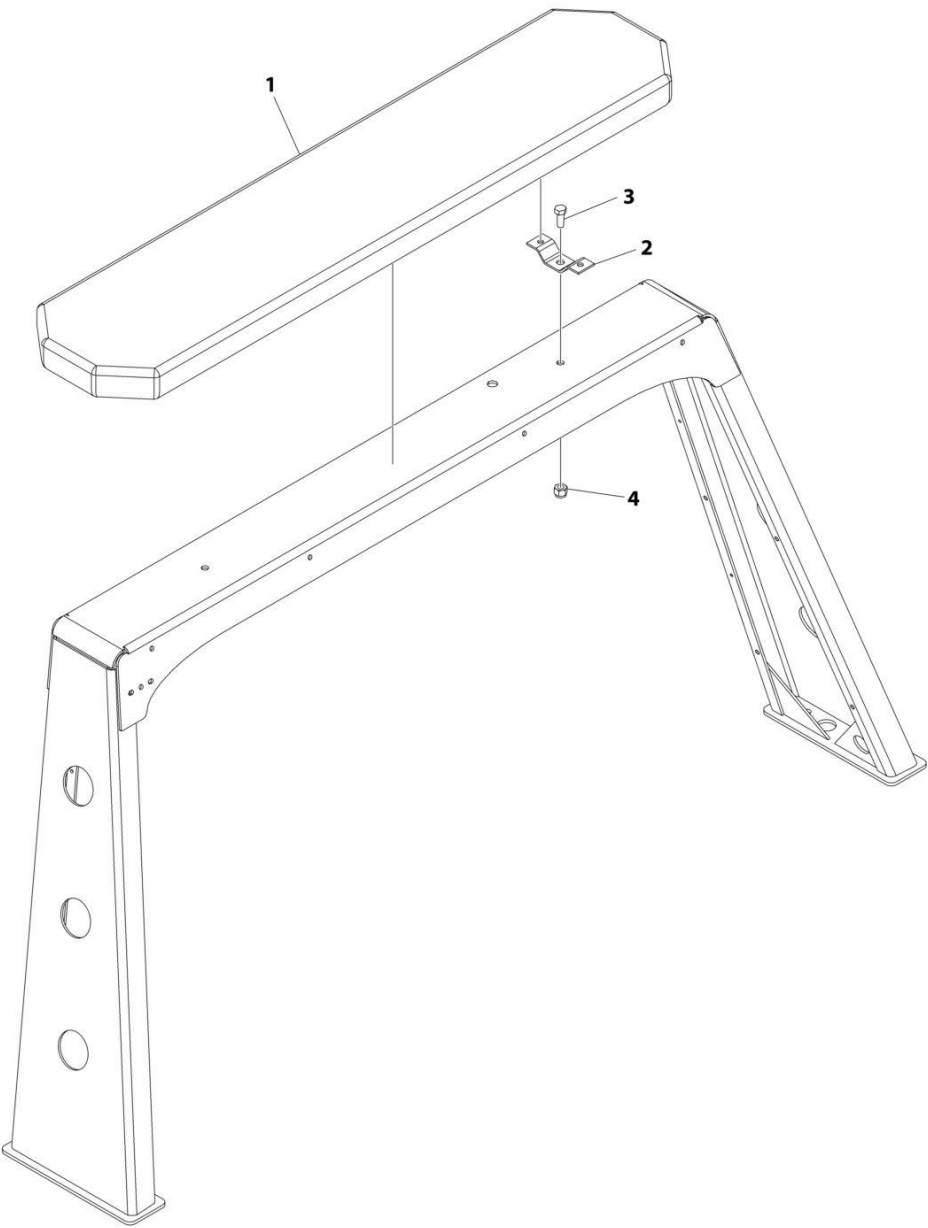
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FIGURE 7-15. LIGHTS - LIGHTBAR INSTALLATION - 58IN AMBER 8 LED CODE 3 (HIGH MOUNT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256173	Ref	LIGHT - LIGHTBAR INSTALLATION - 58IN AMBER 8 LED CODE 3 (HIGH MOUNT)	B
1	1001136990	1	Lamp (See Separate Breakdown in this Section)	
2	4178000437	2	Bracket	
3	7115181050	2	Bolt 1/2 x 1-1/4	
4	7660182601	2	Nut 1/2	

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FIGURE 7-16. LIGHTS - LIGHTBAR INSTALLATION - 58IN AMBER 8 LED CODE 3 ARROWSTICK



ART_1001123370

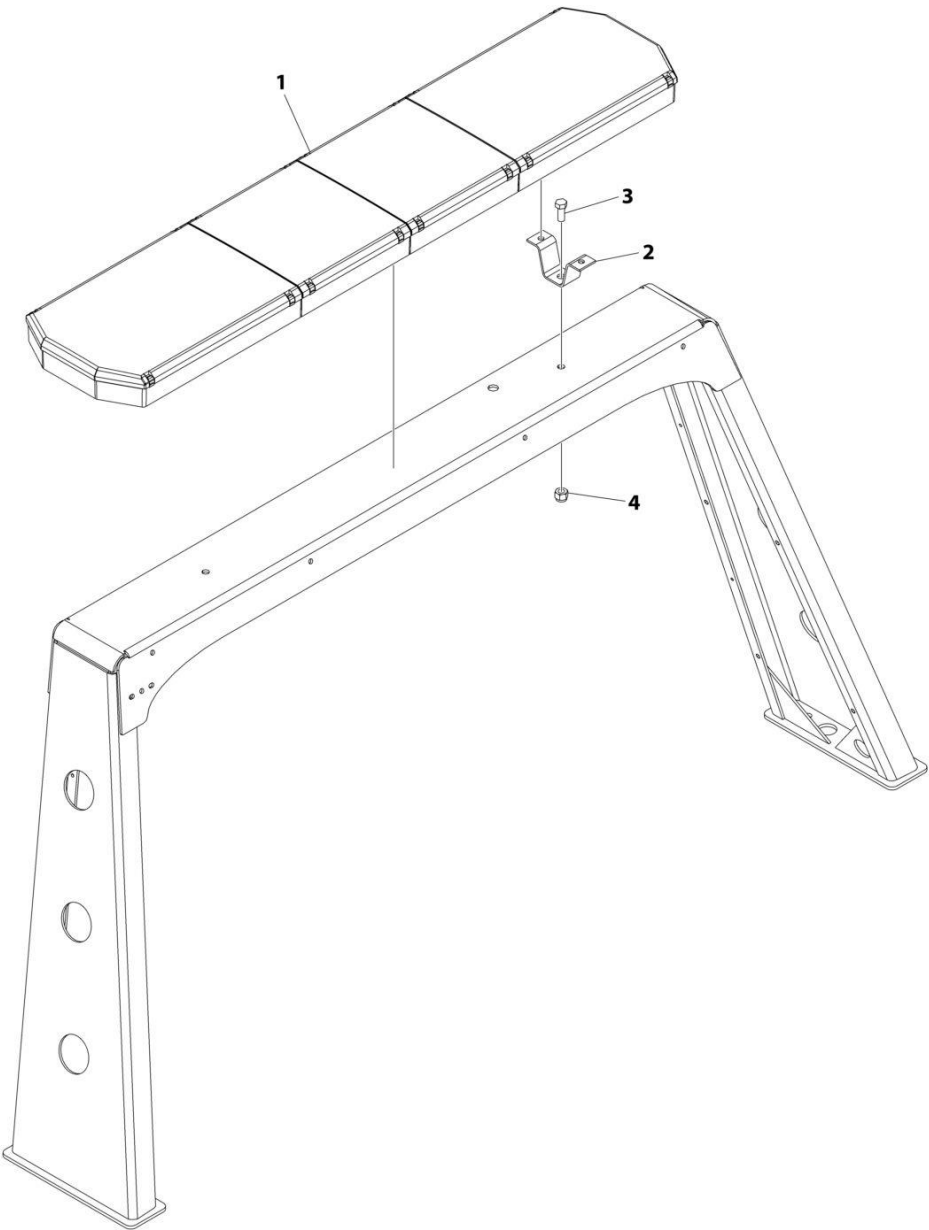
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FIGURE 7-16. LIGHTS - LIGHTBAR INSTALLATION - 58IN AMBER 8 LED CODE 3 ARROWSTICK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001123370	Ref	LIGHT - LIGHTBAR INSTALLATION - 58IN AMBER 8 LED CODE 3 ARROWSTICK	B
1	7590000406	1	Lightbar (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	

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FIGURE 7-17. LIGHTS - LIGHTBAR INSTALLATION - 58IN AMBER 8 LED CODE 3 WITH AMBER TOPS



ART_1001155871

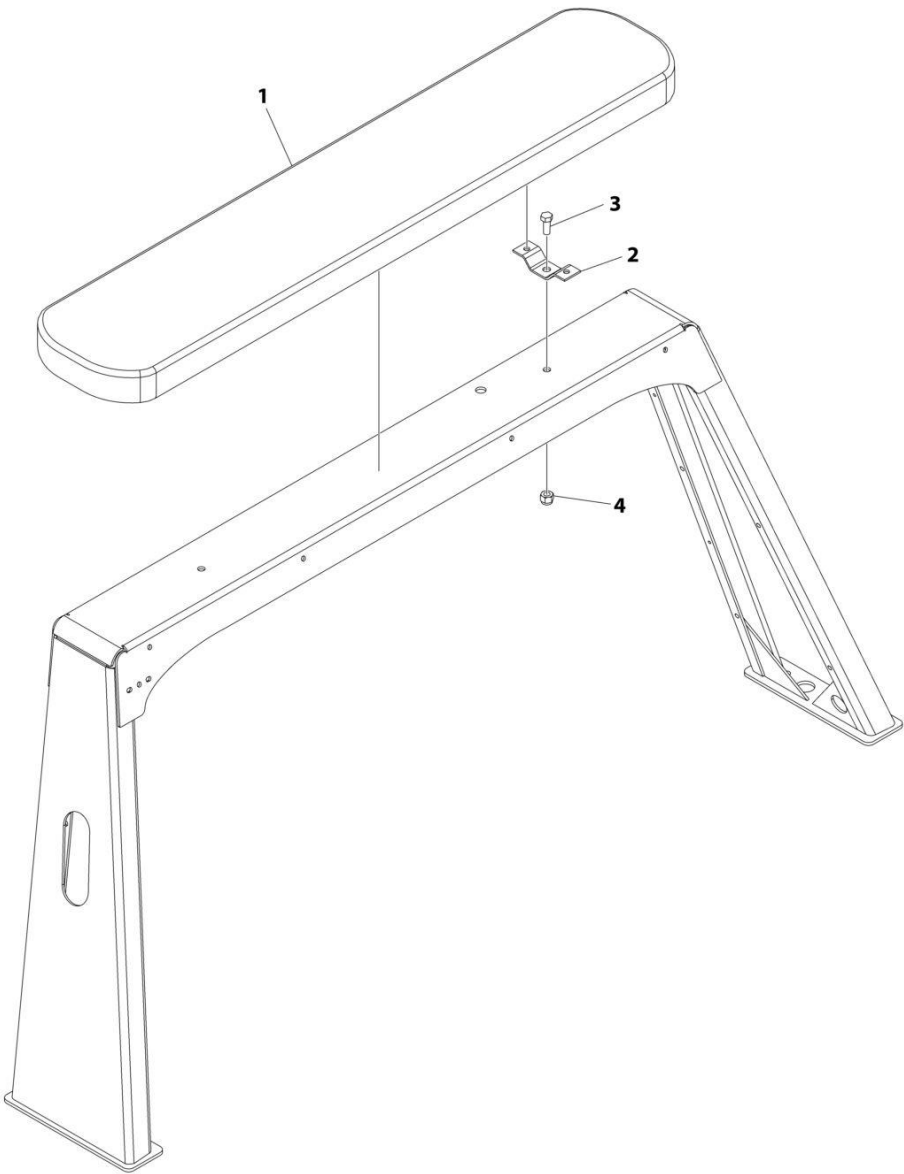
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FIGURE 7-17. LIGHTS - LIGHTBAR INSTALLATION - 58IN AMBER 8 LED CODE 3 WITH AMBER TOPS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155871	Ref	LIGHT - LIGHTBAR INSTALLATION - 58IN AMBER 8 LED CODE 3 WITH AMBER TOPS	C
1	1001155872	1	Lamp (See Separate Breakdown in this Section)	
2	4178000437	2	Bracket	
3	7115181050	2	Bolt 1/2 x 1-1/4	
4	7660182601	2	Nut 1/2	

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FIGURE 7-18. LIGHTS - LIGHTBAR INSTALLATION - 60IN AMBER 8 LED WHELEN (STANDARD MOUNT)



ART_1001137519

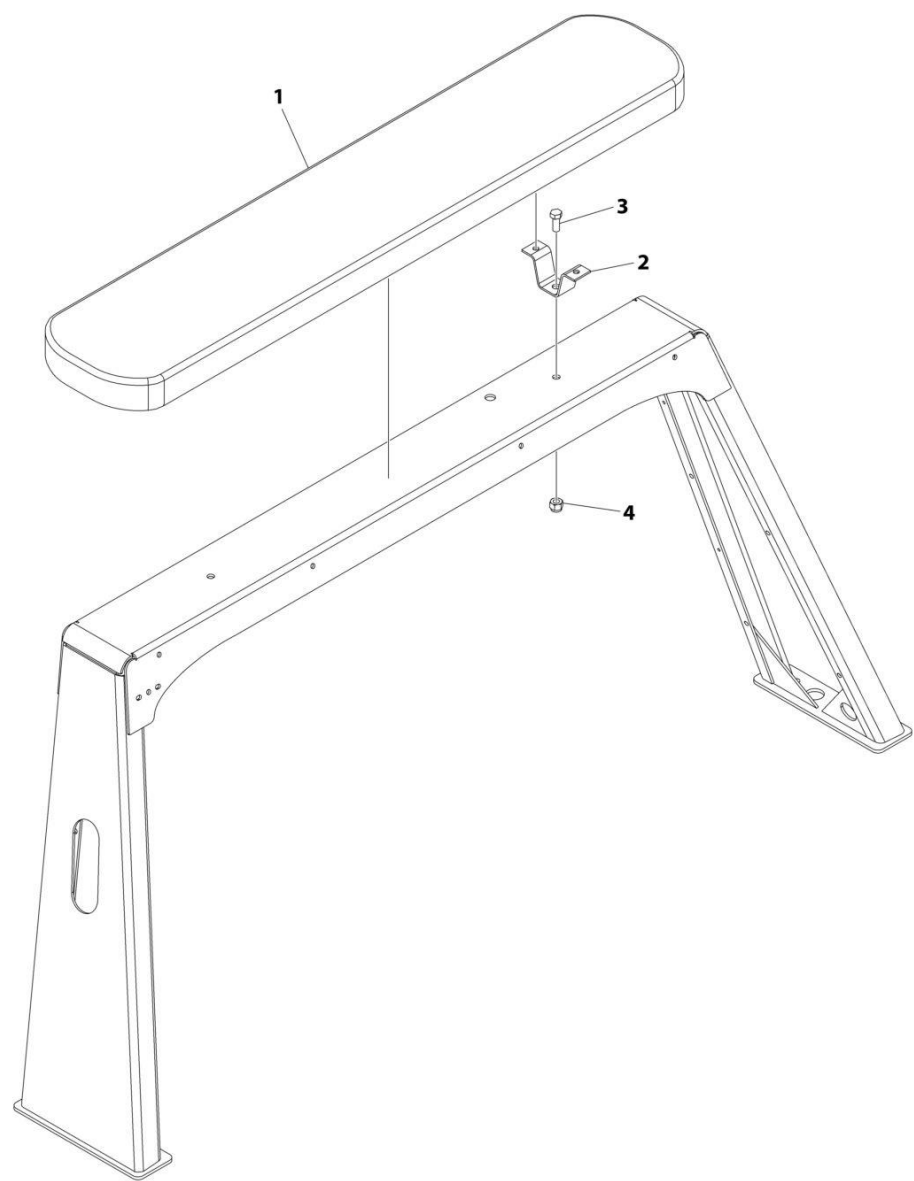
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FIGURE 7-18. LIGHTS - LIGHTBAR INSTALLATION - 60IN AMBER 8 LED WHELEN (STANDARD MOUNT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137519	Ref	LIGHT - LIGHTBAR INSTALLATION - 60IN AMBER 8 LED WHELEN (STANDARD MOUNT)	B
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	

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FIGURE 7-19. LIGHTS - LIGHTBAR INSTALLATION - 60IN AMBER 8 LED WHELEN (HIGH MOUNT)



ART_1001256172

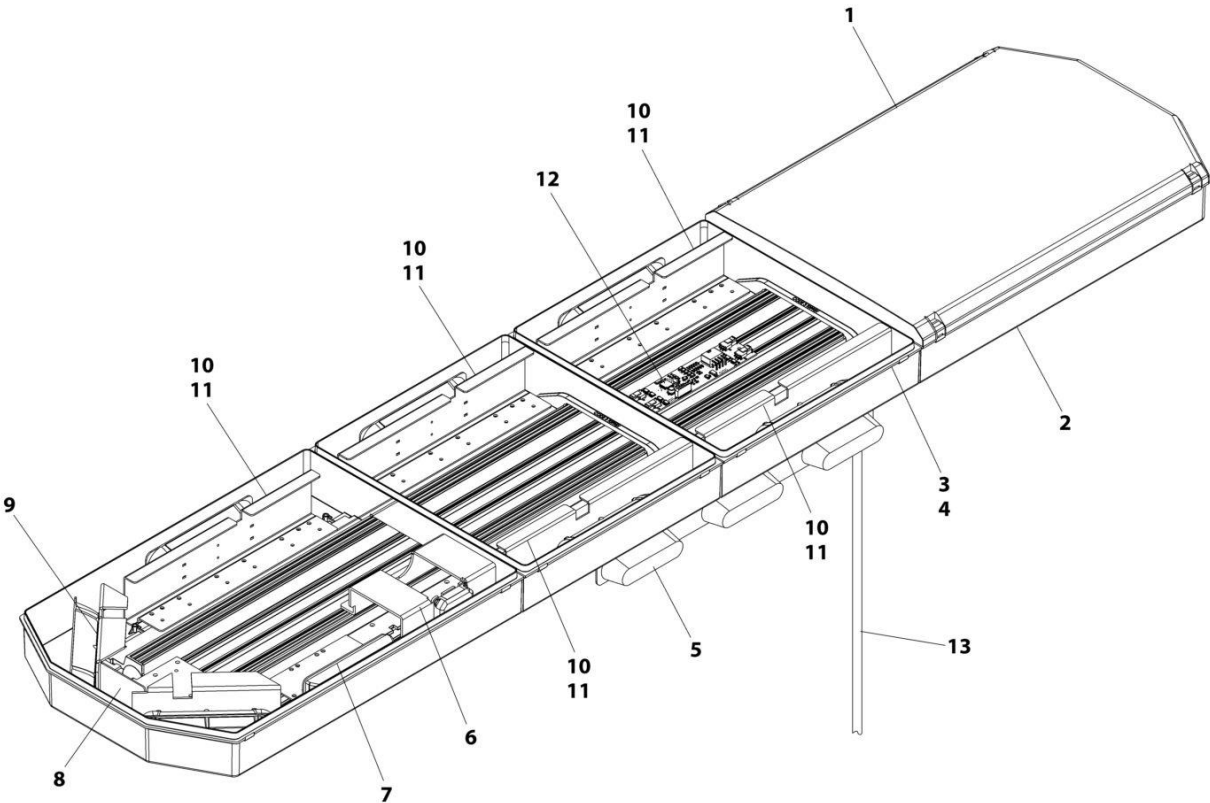
SECTION 7 - ELECTRICAL

FIGURE 7-19. LIGHTS - 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)	A
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	

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FIGURE 7-20. LIGHTS - LIGHTBAR ASSEMBLY - 58IN AMBER 10 LED CODE 3 (STANDARD MOUNT)



ART_1001136990

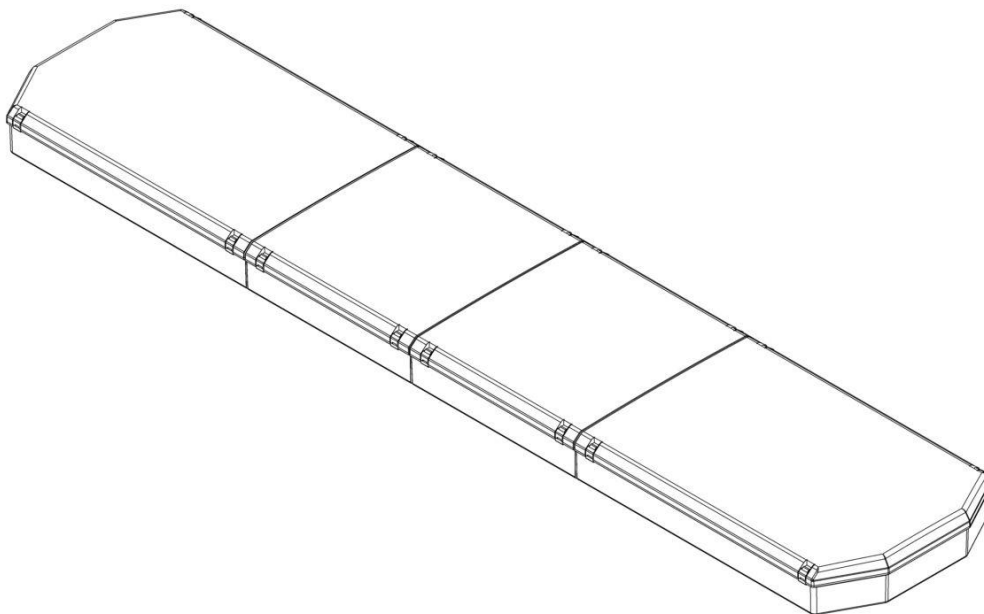
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FIGURE 7-20. LIGHTS - LIGHTBAR ASSEMBLY - 58IN AMBER 10 LED CODE 3 (STANDARD MOUNT)

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

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FIGURE 7-21. LIGHTS - LIGHTBAR ASSEMBLY - 58IN AMBER 8 LED ARROWSTICK CODE 3



ART_7590000406

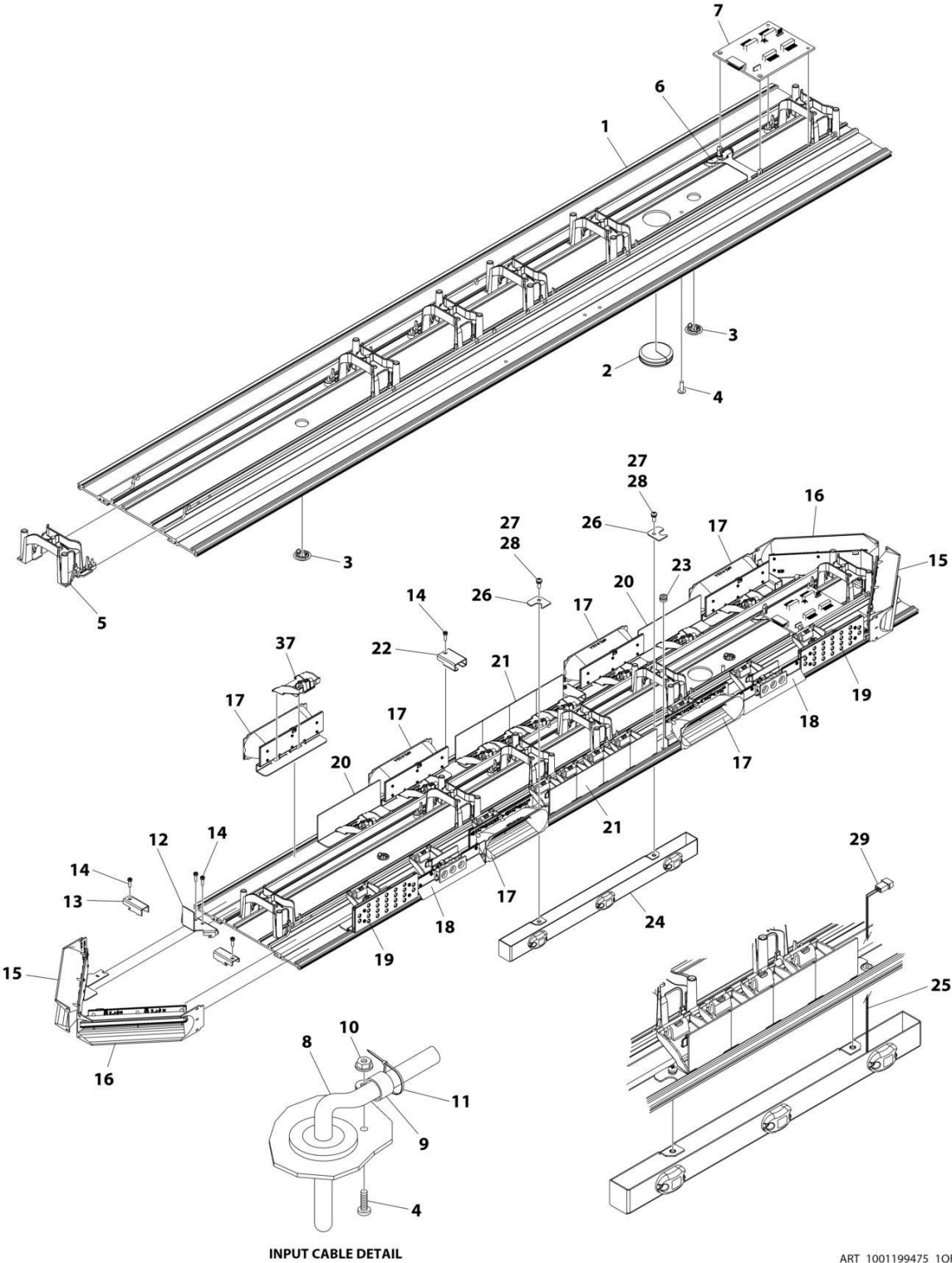
SECTION 7 - ELECTRICAL

FIGURE 7-21. LIGHTS - LIGHTBAR ASSEMBLY - 58IN AMBER 8 LED ARROWSTICK CODE 3

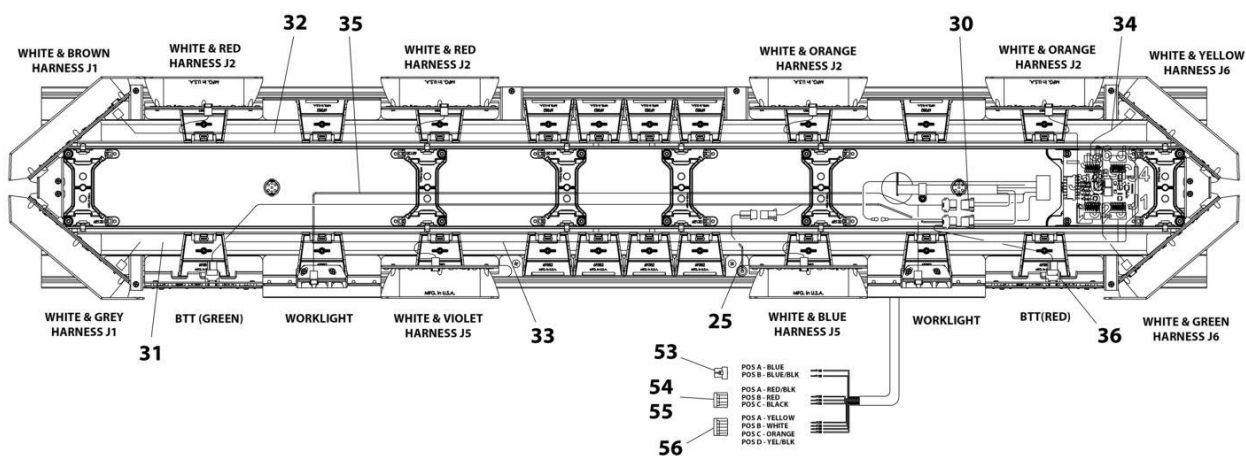
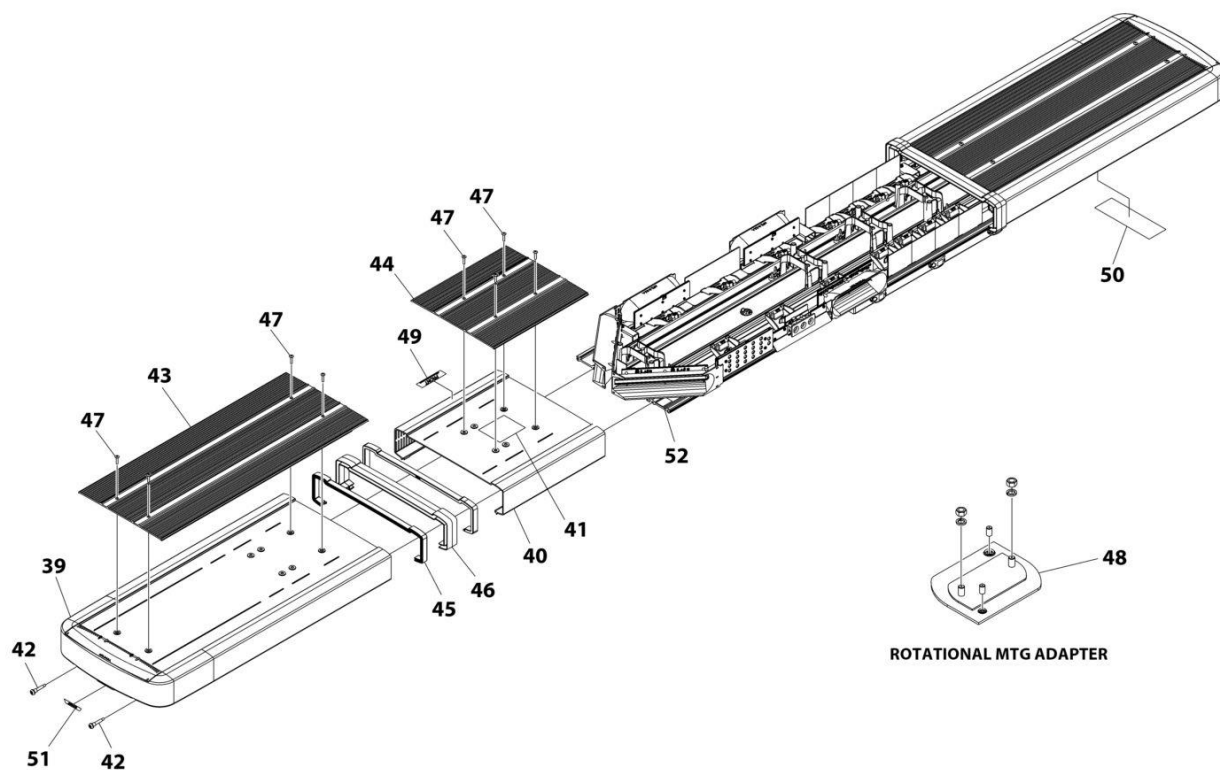
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7590000406	Ref	LIGHTBAR ASSEMBLY - 58IN AMBER 8 LED ARROWSTICK CODE 3	B
		Ref	Note: No Service Parts Available at Time of Printing.	

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FIGURE 7-22. LIGHTS - LIGHTBAR ASSEMBLY - 60IN AMBER 8 LED WHELEN



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ART_1001199475_2OF2

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FIGURE 7-22. LIGHTS - LIGHTBAR ASSEMBLY - 60IN AMBER 8 LED WHELEN

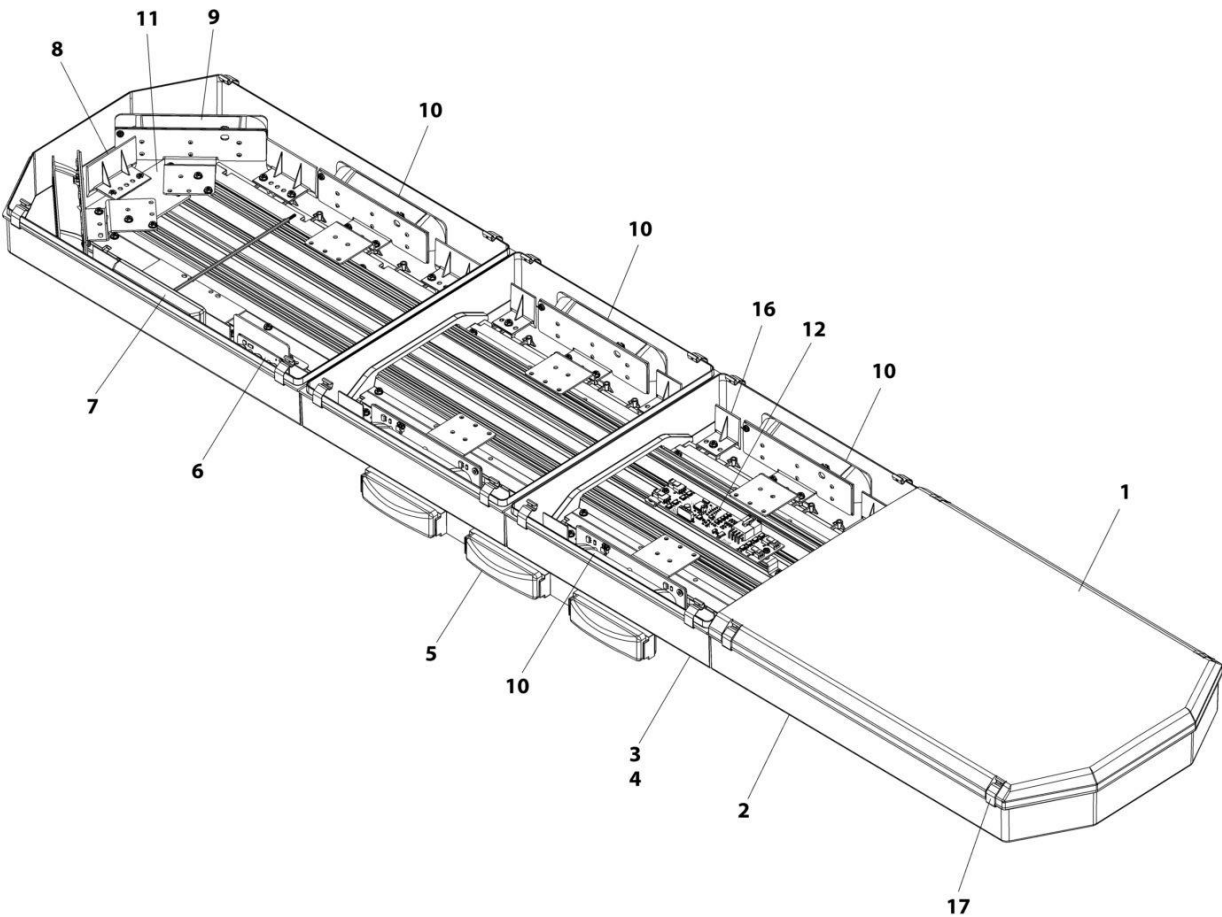
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199475	Ref	LIGHTS - LAMP ASSEMBLY - 60IN AMBER WHELEN	B
1	70051058	1	Base	
2	70050169	1	Grommet	
3	70050170	2	Plug	
4	70051059	1	Screw #10 x 5/8	
5	70051021	6	Bracket	
6	70051022	1	Bracket	
7	70051023	1	Circuit Board	
8	70051060	1	Cable	
9	70050665	1	Clamp	
10	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	

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FIGURE 7-23. LIGHTS - LIGHTBAR ASSEMBLY - 58IN AMBER 8 LED CODE 3 WITH AMBER TOPS



ART_1001155872

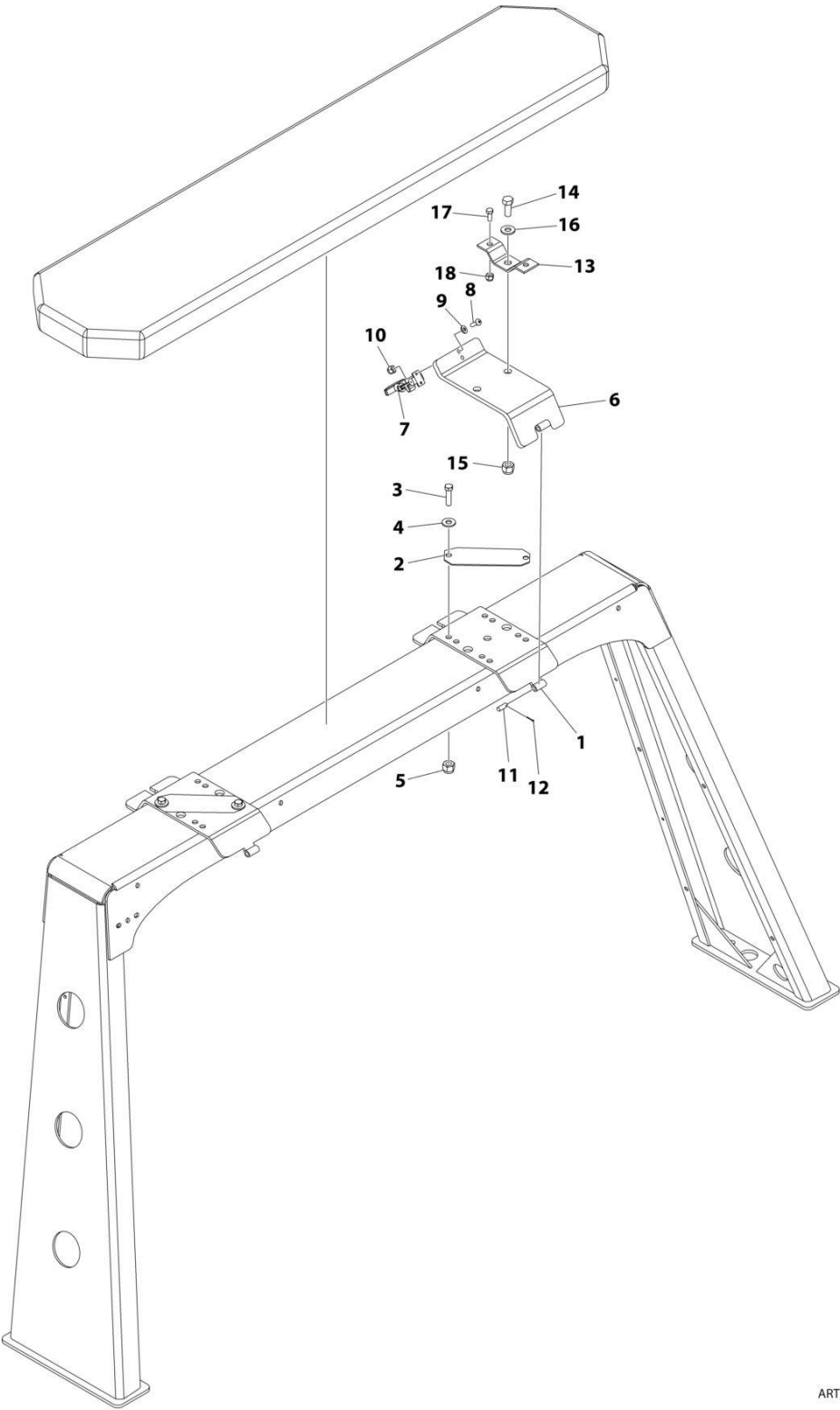
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FIGURE 7-23. LIGHTS - LIGHTBAR ASSEMBLY - 58IN AMBER 8 LED CODE 3 WITH AMBER TOPS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155872	Ref	LIGHT - LIGHTBAR ASSEMBLY - 58IN AMBER 8 LED CODE 3 WITH AMBER TOPS	D
1	9590310198	2	Amber Outboard Upper Lens	
2	70052803	2	Lens, Clear, Lower Outboard	
3	9590310203	2	Lens, Clear Lower Center	
4	70051594	2	Lens, Clear Upper Center	
5	1001126269	1	3 Light D.O.T. Strip	
6	70050164	2	Worklight, LED	
7	70052794	2	Module, LED Stop/Tail/Turn	
8	70052796	4	Bracket, Blank	
9	70052795	4	Module, Bracket	
10	70052798	6	Module, Led Amber	
11	70052797	1	Bracket, Mounting	
12	70052800	1	Controller, General	
13	70052801	1	Cable, Jerr-Dan 9 Wire (Not Shown)	
14	70050980	1	Harness, Internal Input (Not Shown)	
15	70050981	1	Harness, Internal Output (Not Shown)	
16	70052799	1	Bracket	
17	70052802	AR	Lens, Clip	

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FIGURE 7-24. LIGHTS - LIGHTBAR BRACKET INSTALLATION (FOLDING)



ART_2509570071

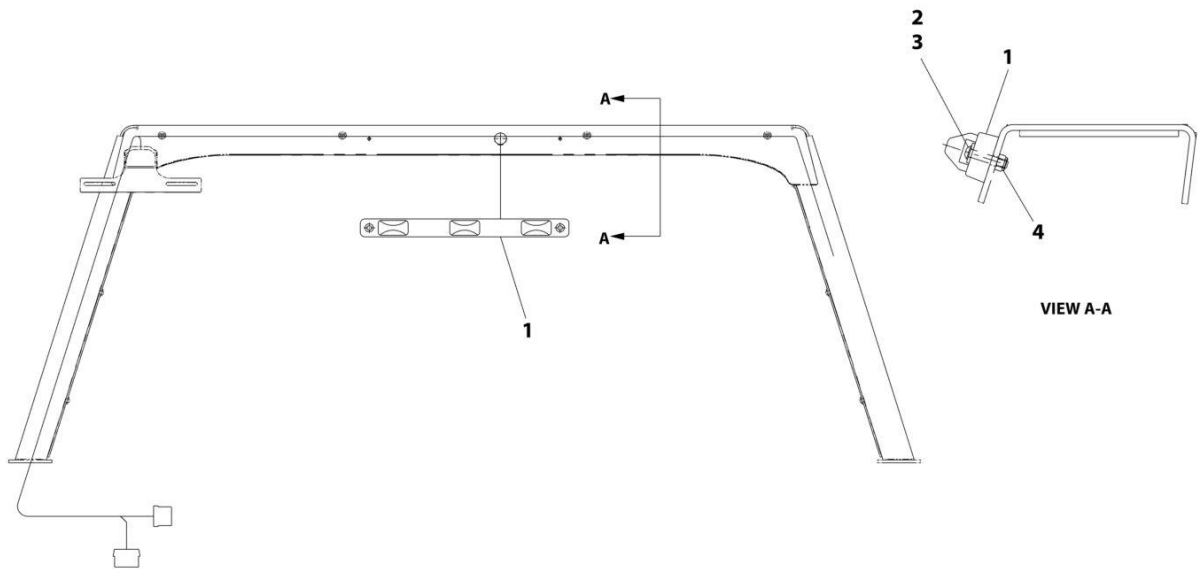
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FIGURE 7-24. LIGHTS - LIGHTBAR BRACKET INSTALLATION (FOLDING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2509570071	Ref	LIGHT - LIGHTBAR BRACKET INSTALLATION(FOLDING)	0
1	3178000443	2	Bracket	
2	4090000012	2	Belt	
3	7115161250	8	Bolt 3/8 x 1-1/2	
4	7950160161	8	Washer 3/8	
5	7660162601	8	Nut 3/8	
6	3178000444	2	Bracket	
7	7585000001	2	Latch	
8	7114100518	4	Bolt #10 x 5/8	
9	7950100103	4	Washer #10	
10	7660102604	4	Nut #10	
11	7690144800	2	Pin	
12	7690000810	2	Pin, Cotter	
13	4178000402	4	Bracket	
14	7115190950	4	Bolt 1/2 x 1-1/8	
15	7660182601	4	Nut 1/2	
16	7950180150	4	Washer 1/2	
17	7115150664	4	Bolt 5/16 x 3/4	
18	7660152601	4	Nut 5/16	

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FIGURE 7-25. LIGHTS - PYLON 3-LIGHT MARKER INSTALLATION



ART_2590000177

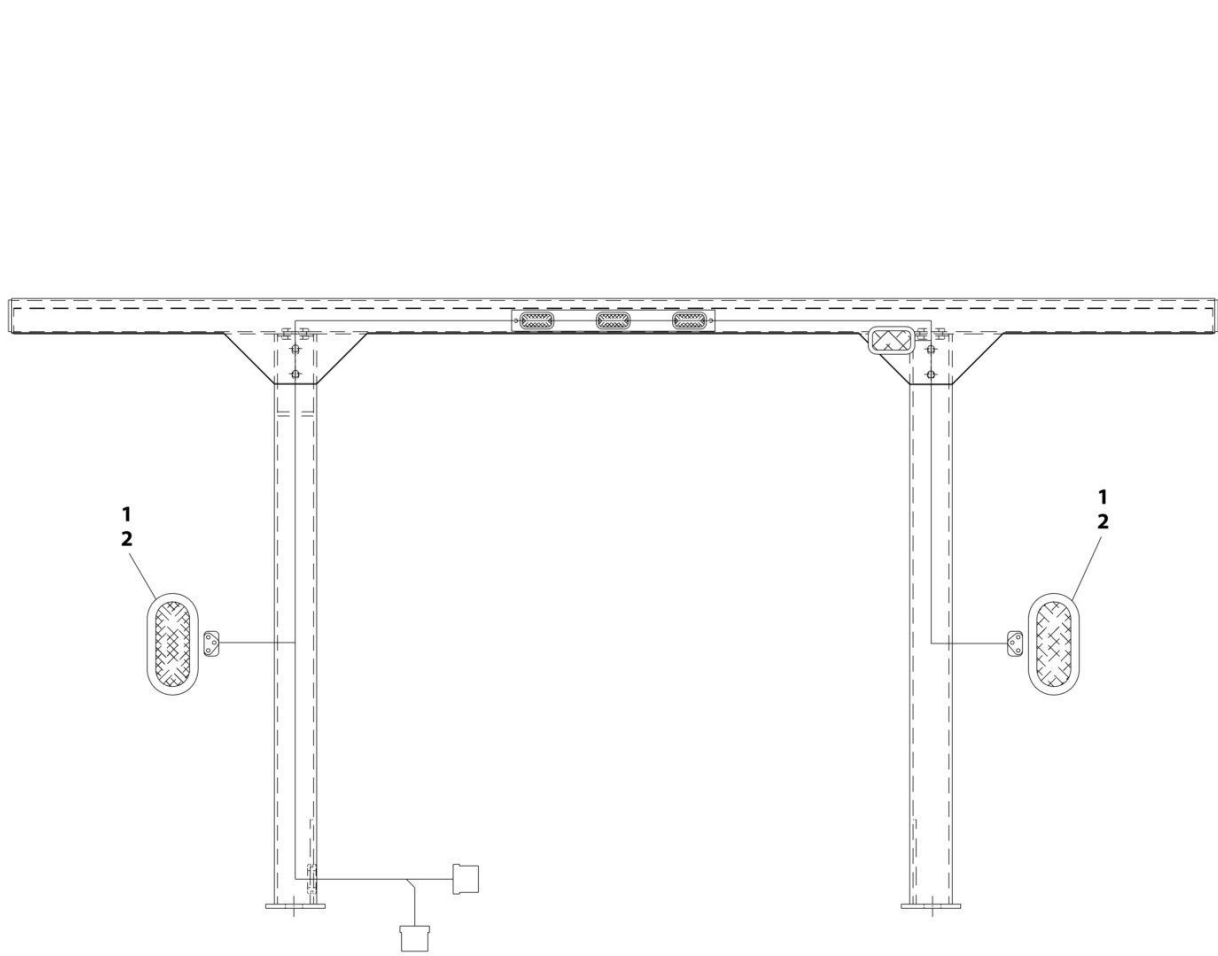
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FIGURE 7-25. LIGHTS - PYLON 3-LIGHT MARKER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2590000177	Ref	LIGHT - PYLON 3-LIGHT MARKER INSTALLATION	0
1	7590000316	1	Light	
2	7114141018	2	Screw 1/4 x 1-1/4	
3	7950140143	2	Washer 1/4	
4	7660142601	2	Nut 1/4	

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FIGURE 7-26. LIGHTS - PYLON MARKER LIGHT INSTALLATION - 1 MARKER LIGHT PER SIDE



ART_2590000176

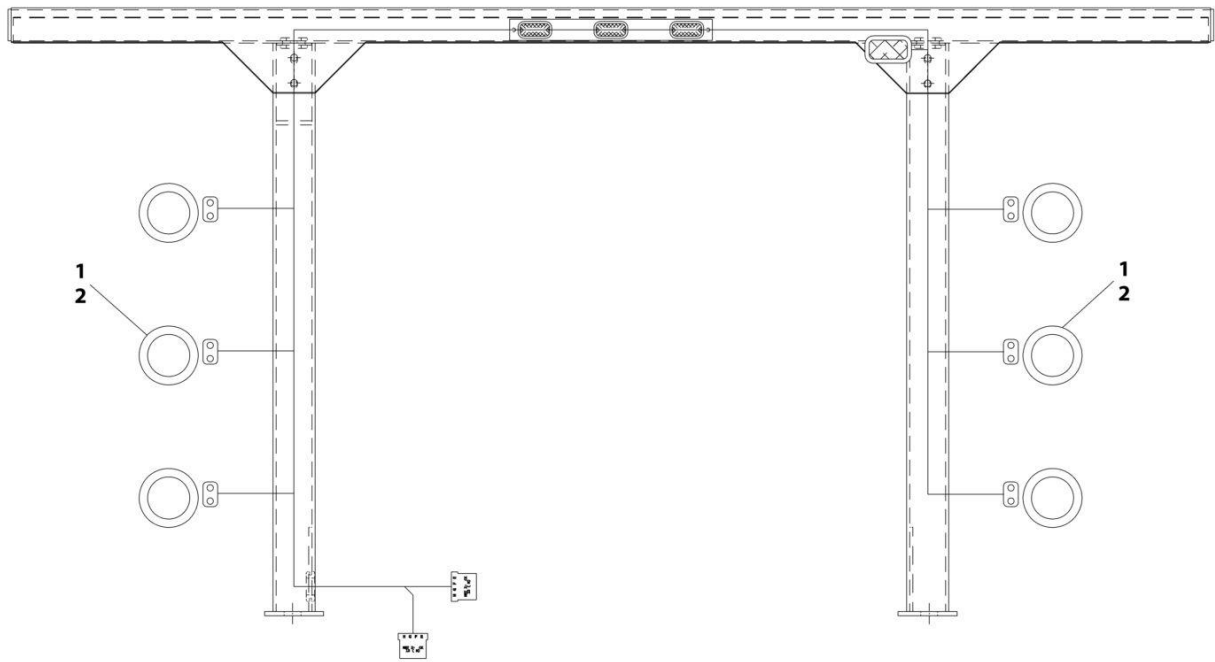
SECTION 7 - ELECTRICAL

FIGURE 7-26. LIGHTS - PYLON MARKER LIGHT INSTALLATION - 1 MARKER LIGHT PER SIDE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2590000176	Ref	PYLON MARKER LIGHT INSTALLATION - 1 MARKER LIGHT PER SIDE	B
1	1001174682	2	Lamp, Amber	
2	7493000026	2	Grommet	
3	7894000010	2	Tie-Strap (Not Shown)	

SECTION 7 - ELECTRICAL

FIGURE 7-27. LIGHTS - PYLON MARKER LIGHT INSTALLATION - 3 MARKER LIGHT PER SIDE



ART_1001137308

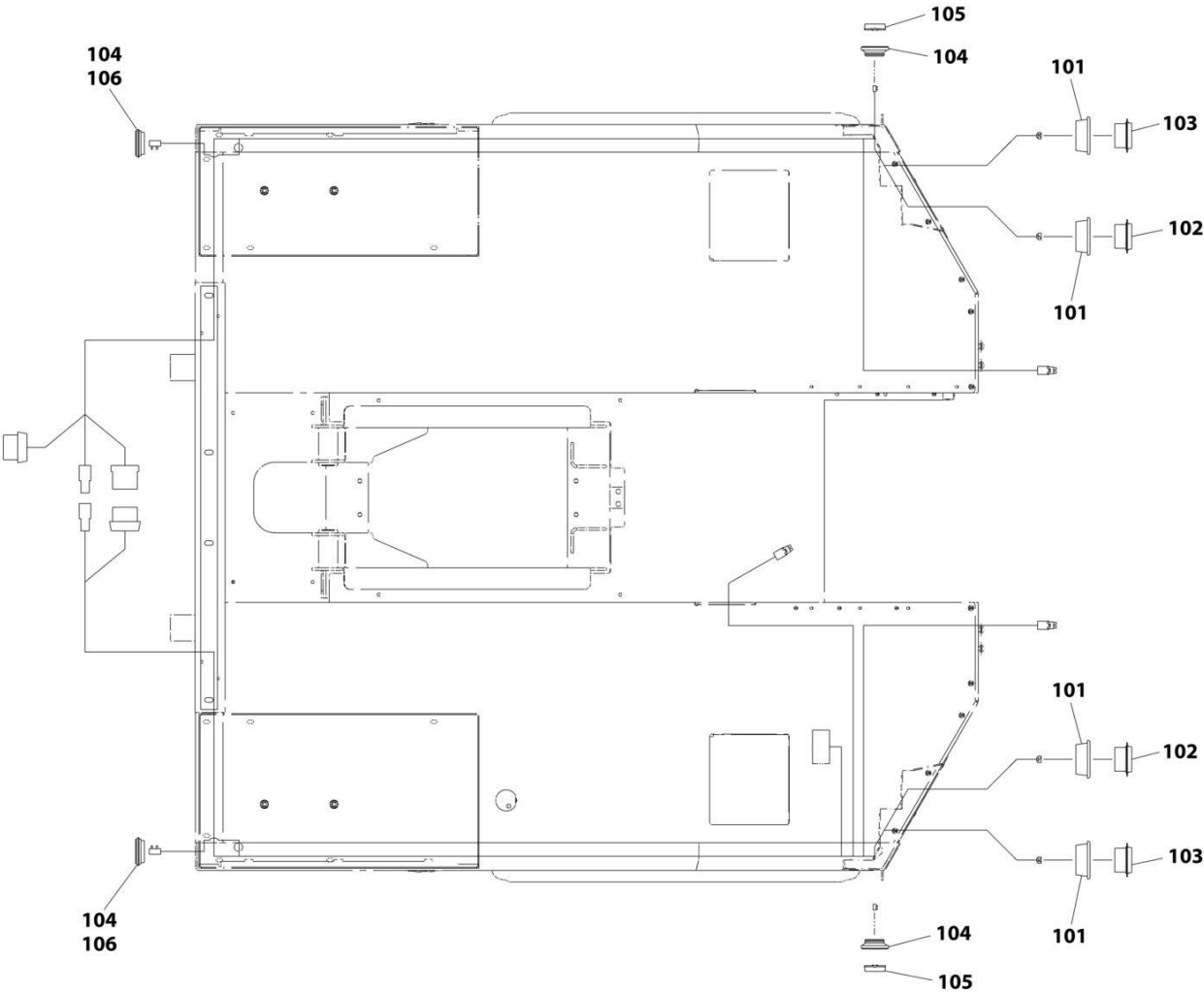
SECTION 7 - ELECTRICAL

FIGURE 7-27. LIGHTS - PYLON MARKER LIGHT INSTALLATION - 3 MARKER LIGHT PER SIDE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137308	Ref	PYLON MARKER LIGHT INSTALLATION - 3 MARKER LIGHTS PER SIDE	A
1	7590000342	6	Lamp, Amber	
2	7493000009	6	Grommet	
3	7894000010	6	Tie-Strap (Not Shown)	

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FIGURE 7-28. LIGHTS - 4 TAILLIGHTS (STOP/TURN/TAILLIGHT COMBINED) (2013+ DODGE)



ART_1001161520

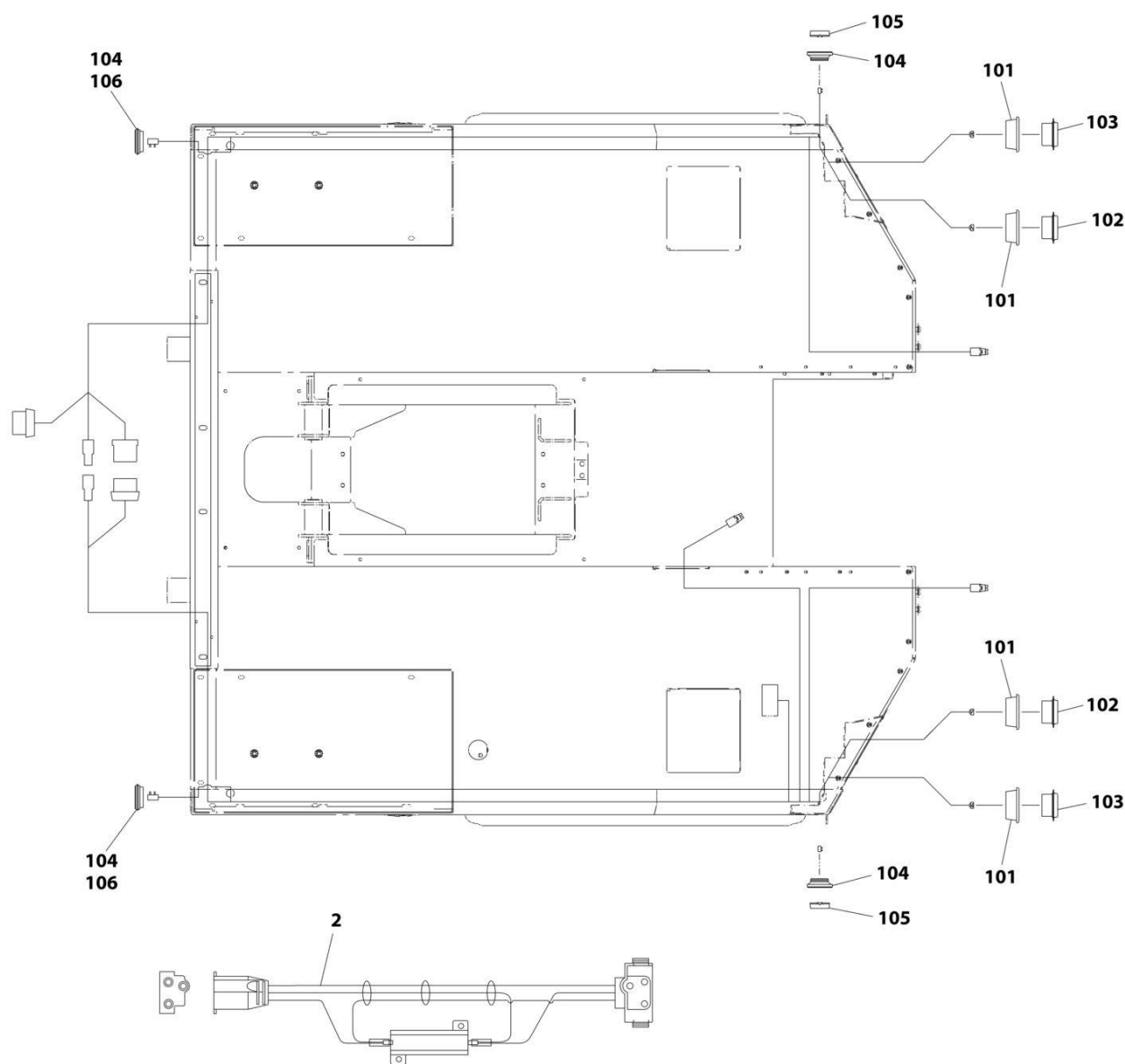
SECTION 7 - ELECTRICAL

FIGURE 7-28. LIGHTS - 4 TAILLIGHTS (STOP/TURN/TAILLIGHT COMBINED) (2013+ DODGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161520	Ref	LIGHTS INSTALLATION - 4 TAILLIGHTS (STOP/TURN/TAILLIGHT COMBINED) (2013+ DODGE)	B
1	1001208291	Ref	Taillight Installation (Not Shown)	A
101	7493000029	4	Grommet	
102	7590000379	2	Light	
103	7590000381	2	Light	
104	7493000009	4	Grommet	
105	7590000343	2	Light, Marker (Red)	
106	7590000342	2	Light, Marker (Amber)	

SECTION 7 - ELECTRICAL

FIGURE 7-29. LIGHTS - 4 TAILLIGHTS (STOP/TURN/TAILLIGHT COMBINED) (ALL EXCEPT 2013+ DODGE)



ART_1001138640

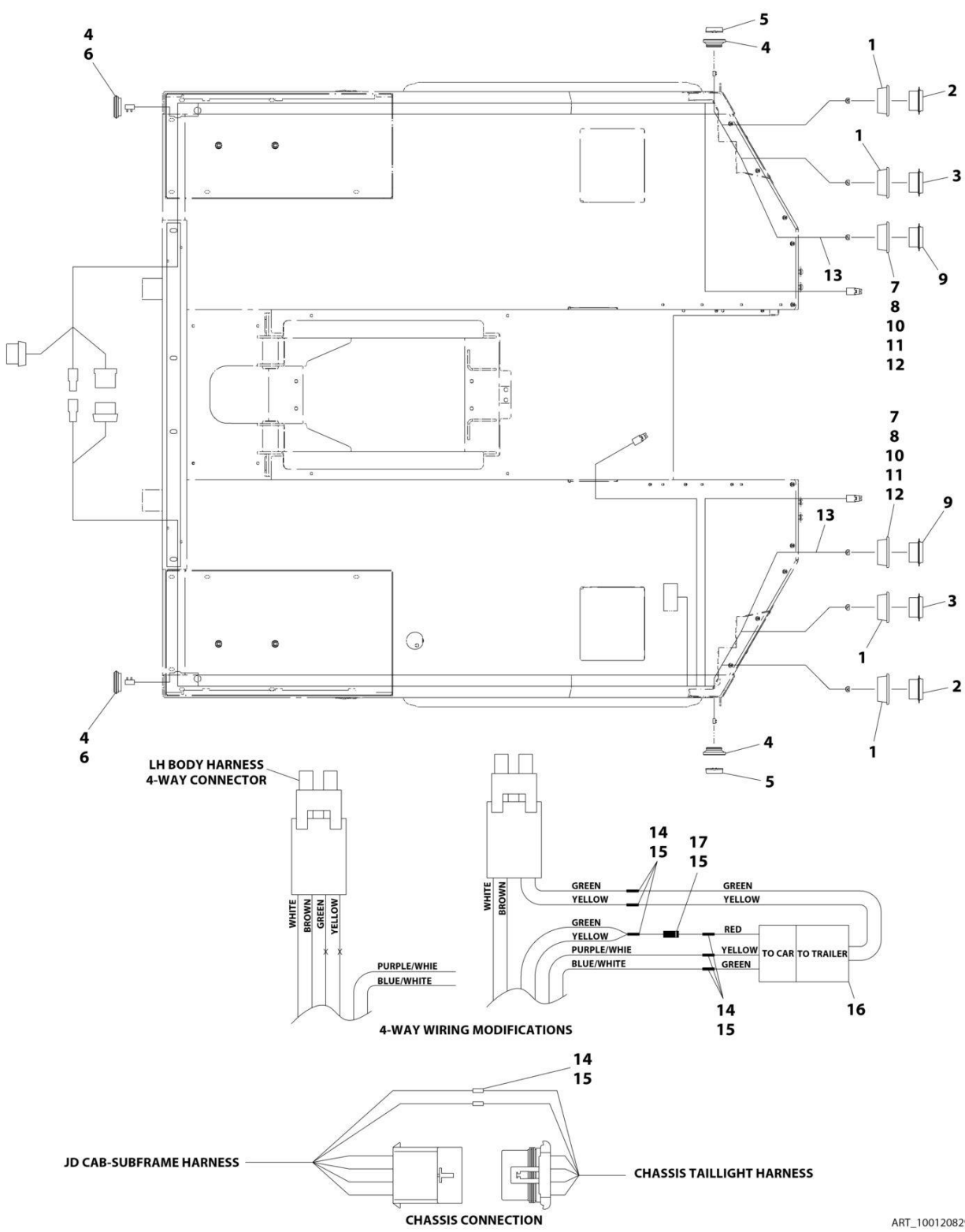
SECTION 7 - ELECTRICAL

FIGURE 7-29. LIGHTS - 4 TAILLIGHTS (STOP/TURN/TAILLIGHT COMBINED) (ALL EXCEPT 2013+ DODGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001138640	Ref	LIGHTS INSTALLATION - 4 TAILLIGHTS (STOP/TURN/TAILLIGHT COMBINED) (ALL EXCEPT 2013+ DODGE)	B
1	1001208291	Ref	Taillight Installation (Not Shown) (See Items 101-106 for Breakdown)	
2	2577000033	1	Kit, Resistor (Sold as Assembly Only)	
	1001208291	Ref	TAILLIGHT INSTALLATION	A
101	7493000029	4	Grommet	
102	7590000379	2	Light	
103	7590000381	2	Light	
104	7493000009	4	Grommet	
105	7590000343	2	Light, Marker (Red)	
106	7590000342	2	Light, Marker (Amber)	

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FIGURE 7-30. LIGHTS - 6 TAILLIGHTS (STOP/TURN/TAILLIGHT SPLIT)



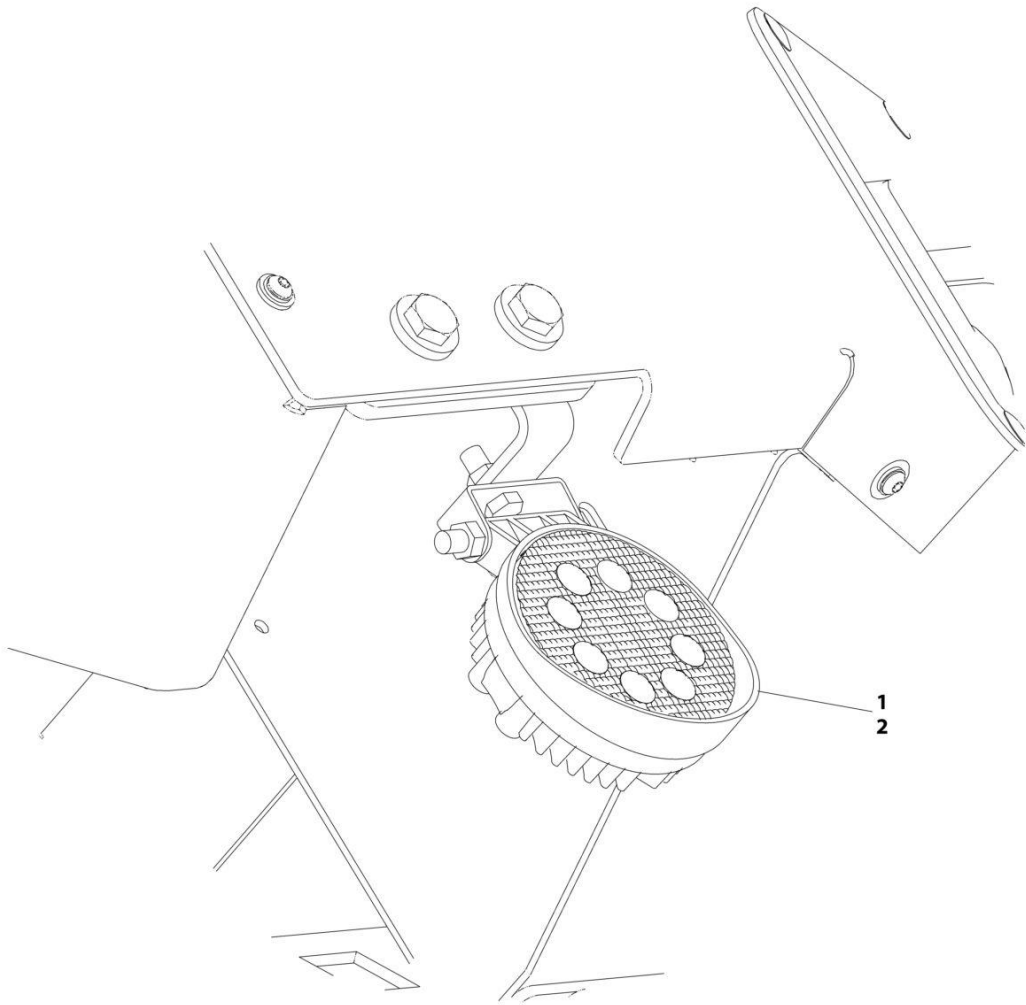
SECTION 7 - ELECTRICAL

FIGURE 7-30. LIGHTS - 6 TAILLIGHTS (STOP/TURN/TAILLIGHT SPLIT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208292	Ref	LIGHTS INSTALLATION - 6 TAILLIGHTS (STOP/TURN/TAILLIGHT SPLIT)	C
1	7493000029	4	Grommet	
2	1001208290	2	Lamp Amber	
3	7590000381	2	Light Led	
4	7493000009	4	Grommet	
5	7590000343	2	Light, Marker - Red (LED)	
6	7590000342	2	Light, Marker - Amber (LED)	
7	7178000045	2	Bracket	
8	7493000026	2	Grommet	
9	1001174680	2	Lamp, Backup	
10	0641610	2	Bolt 3/8 x 1-1/4	
11	4751600	4	Washer 3/8	
12	3300492	2	Nut 3/8	
13	1001206078	2	Harness	
14	7345001714	16	Terminal	
15	7346000039	AR	Tubing	
16	1001159336	1	Converter	
17	1001100949	1	Diode	
18	5526000553	4	Tie-Strap (Not Shown)	

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FIGURE 7-31. LIGHTS - WORKLIGHTS INSTALLATION (LOWER HOOK UP MOUNTED)



ART_1001208300

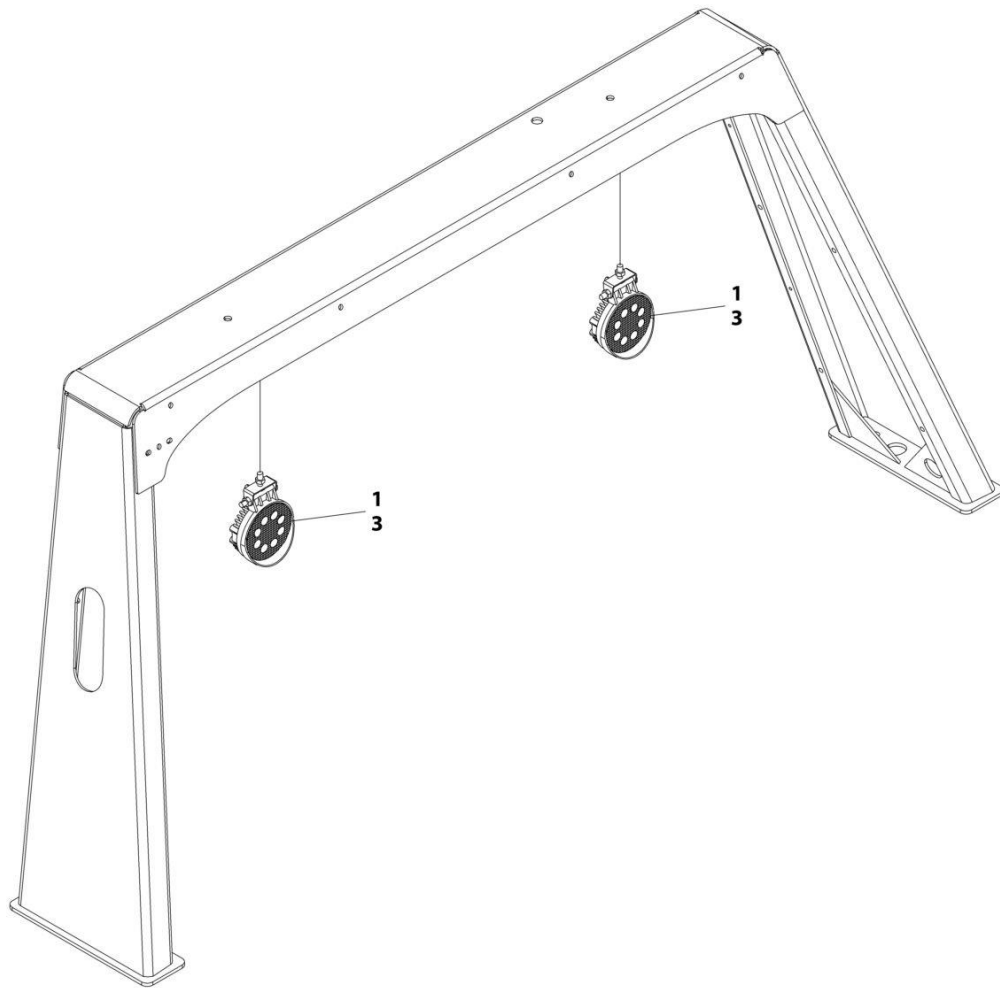
SECTION 7 - ELECTRICAL

FIGURE 7-31. LIGHTS - WORKLIGHTS INSTALLATION (LOWER HOOK UP MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208300	Ref	LIGHT - WORKLIGHTS INSTALLATION (LOWER HOOK UP MOUNTED)	A
1	1001176337	2	Lamp	
2	4178000784	2	Bracket	

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FIGURE 7-32. LIGHTS - WORKLIGHT INSTALLATION (PYLON MOUNTED)



ART_2590000126

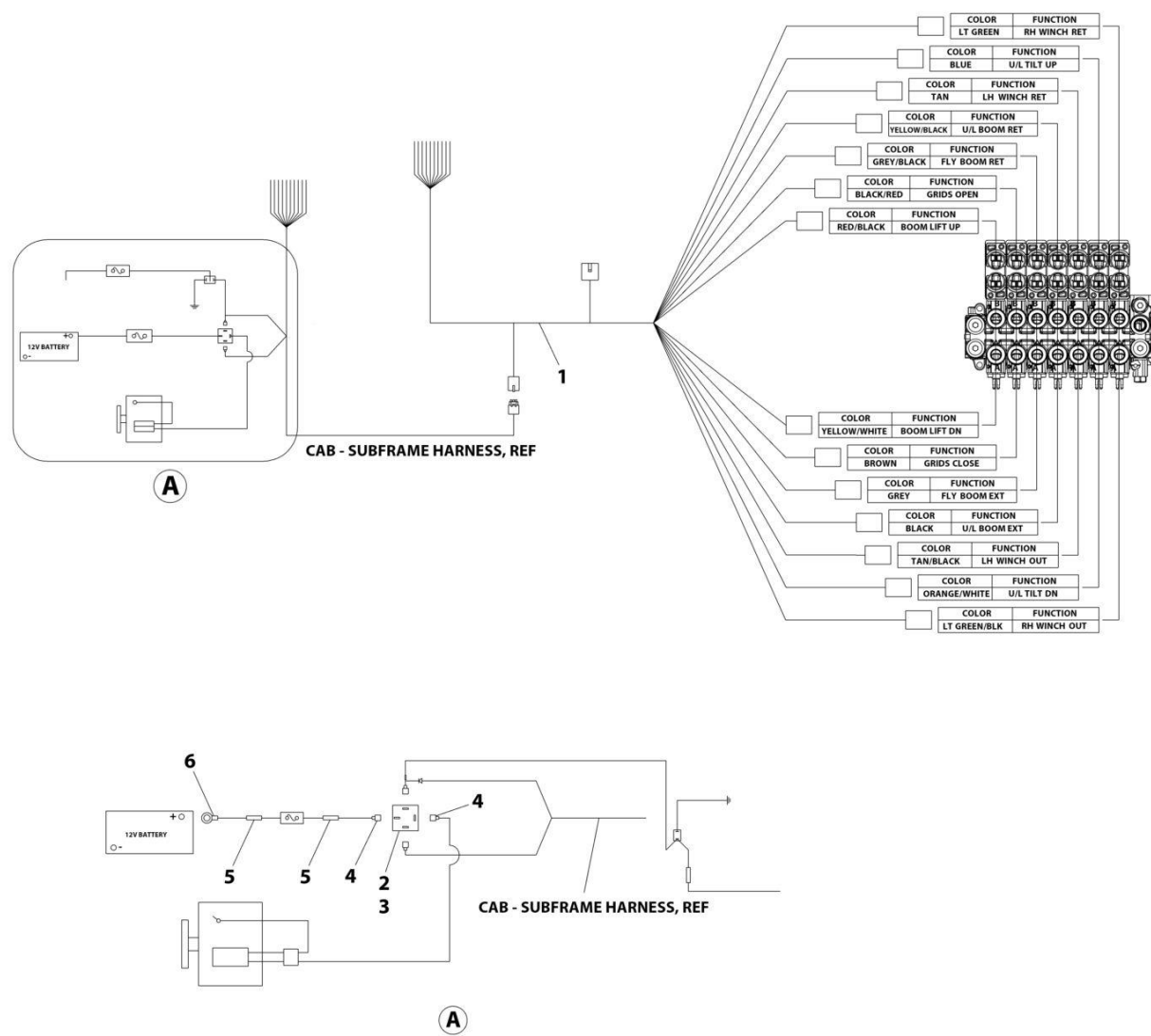
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FIGURE 7-32. LIGHTS - WORKLIGHT INSTALLATION (PYLON MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2590000126	Ref	LIGHT - WORKLIGHT INSTALLATION (PYLON MOUNTED)	C
1	1001176337	2	Lamp	
3	7493000011	2	Grommet	

SECTION 7 - ELECTRICAL

FIGURE 7-33. MAIN CONTROL VALVE HARNESS INSTALLATION



ART_1001133443

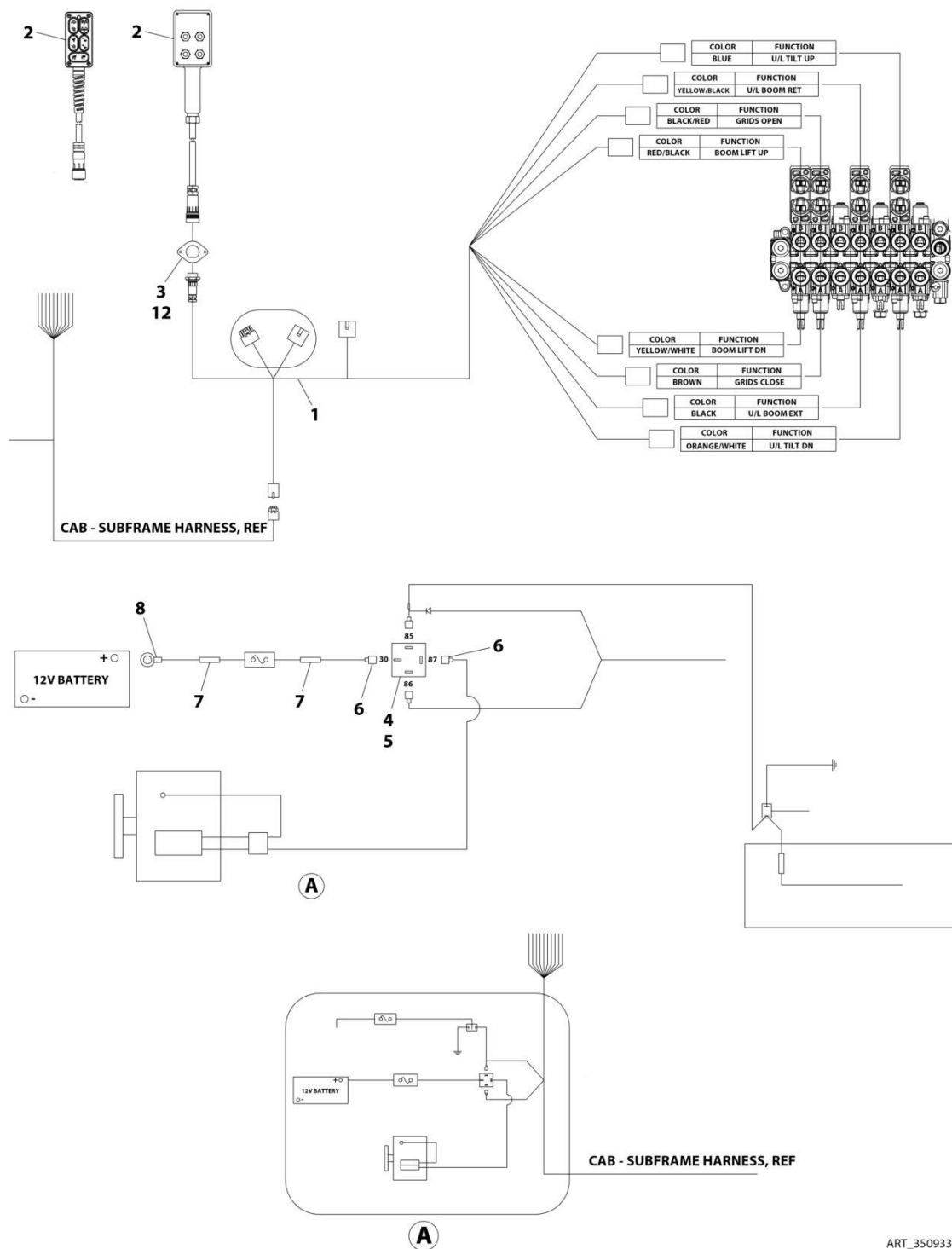
SECTION 7 - ELECTRICAL

FIGURE 7-33. MAIN CONTROL VALVE HARNESS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133443	Ref	MAIN CONTROL VALVE HARNESS INSTALLATION - CUSTOMER SUPPLIED CONTROLS	B
1	1001133439	1	Harness, Wired Remote (See Separate Breakdown in this Section)	
2	7120000034	1	Screw #10 x 3/4	
3	7740000003	1	Relay	
4	7345001710	2	Tab	
5	7345001714	1	Terminal	
6	7345221702	1	Terminal	

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FIGURE 7-34. MAIN CONTROL VALVE HARNESS INSTALLATION - REMOTE TOGGLE CONT



ART_3509330097

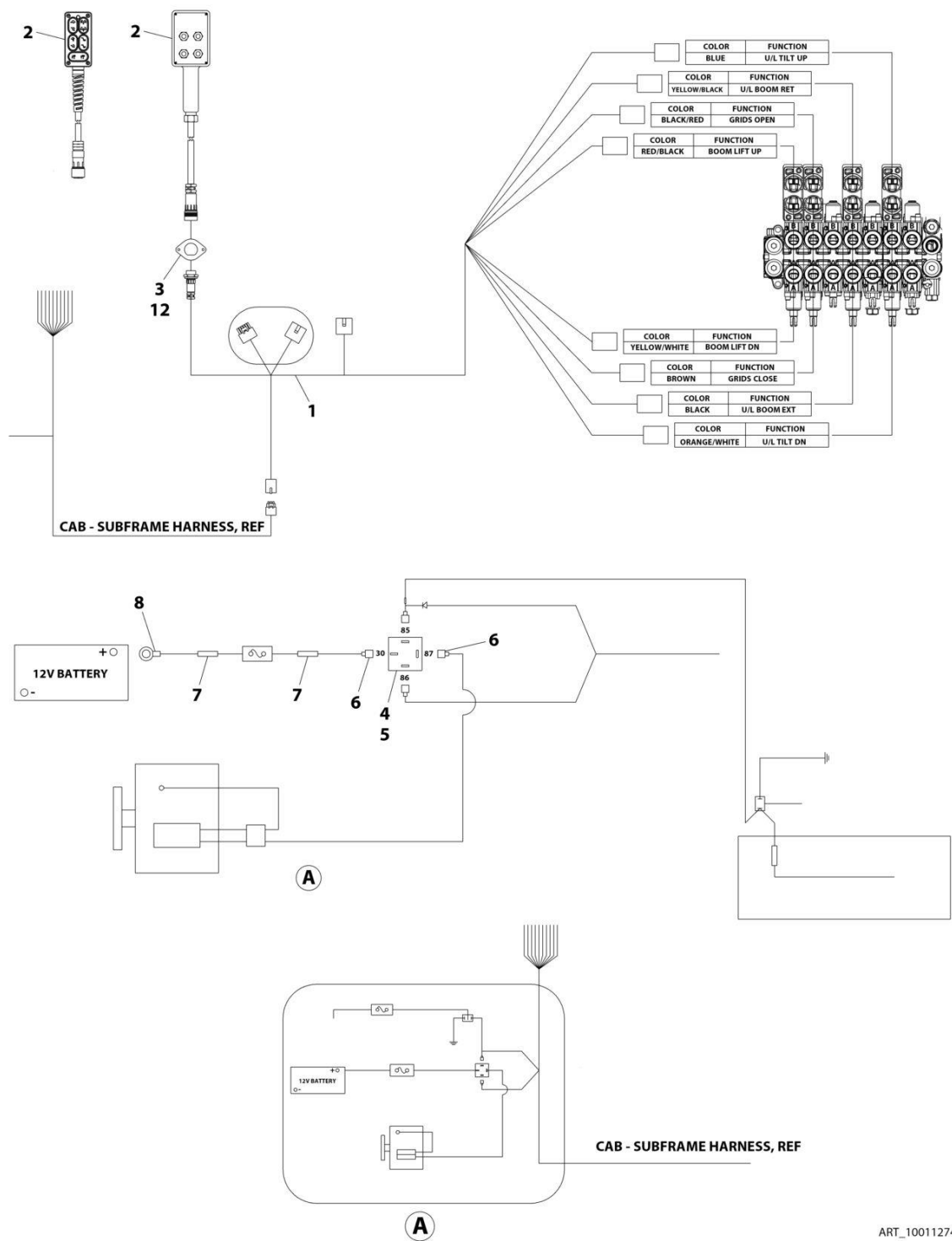
SECTION 7 - ELECTRICAL

FIGURE 7-34. MAIN CONTROL VALVE HARNESS INSTALLATION - REMOTE TOGGLE CONT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3509330097	Ref	MAIN CONTROL VALVE HARNESS INSTALLATION - REMOTE TOGGLE CONTROLS	D
1	7552000366	1	Harness, Wired Remote (See Separate Breakdown in this Section)	
2	7295000062	1	Controller	
3	4706003402	1	Plate	
4	7120000034	1	Screw #10 x 3/4	
5	7740000003	1	Relay	
6	7345001710	2	Tab	
7	7345001714	1	Terminal	
8	7345221702	1	Terminal	
12	1001197476	2	Rivet	

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FIGURE 7-35. MAIN CONTROL VALVE HARNESS INSTALLATION - REMOTE MEMBRANE CO



ART_1001127426

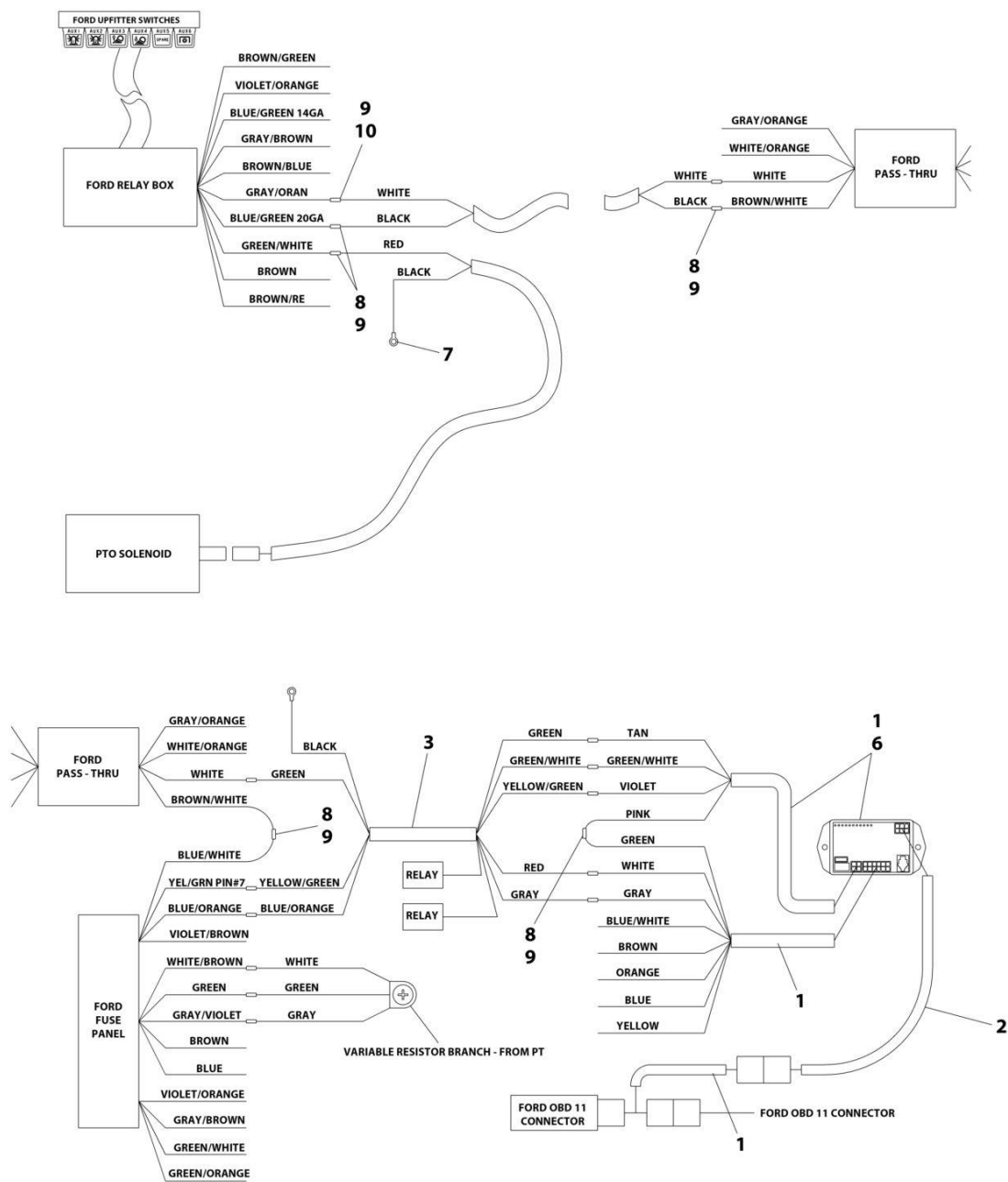
SECTION 7 - ELECTRICAL

FIGURE 7-35. MAIN CONTROL VALVE HARNESS INSTALLATION - REMOTE MEMBRANE CO

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127426	Ref	MAIN CONTROL VALVE HARNESS INSTALLATION - REMOTE MEMBRANE CONTROLS	C
1	7552000366	1	Harness, Wired Remote (See Separate Breakdown in this Section)	
2	7295000062	1	Controller	
3	4706003402	1	Plate	
4	7120000034	1	Screw #10 x 3/4	
5	7740000003	1	Relay	
6	7345001710	2	Tab	
7	7345001714	1	Terminal	
8	7345221702	1	Terminal	
12	1001197476	2	Rivet	

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FIGURE 7-36. PTO ELECTRICAL ASSEMBLY - FORD PTO



ART_1001225217

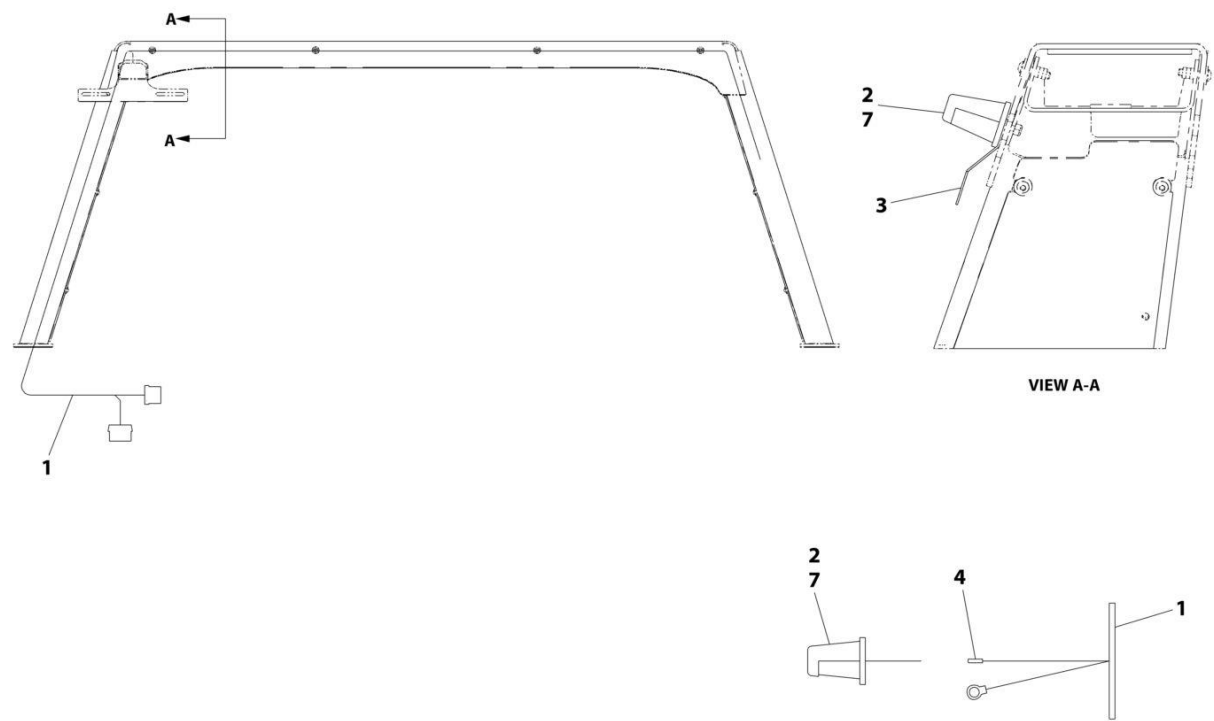
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FIGURE 7-36. PTO ELECTRICAL ASSEMBLY - FORD PTO

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 7-37. PYLON ELECTRICAL INSTALLATION - BODY MOUNTED (1 MARKER LIGHT PER SIDE)



ART_3509330108

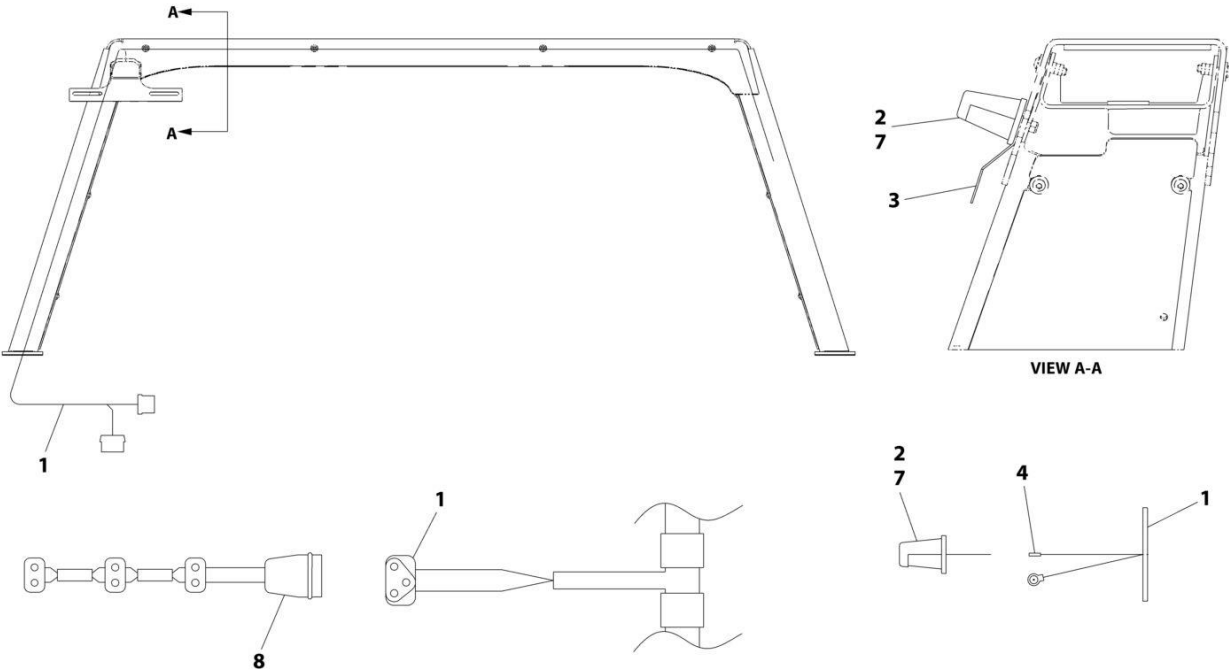
SECTION 7 - ELECTRICAL

FIGURE 7-37. PYLON ELECTRICAL INSTALLATION - BODY MOUNTED (1 MARKER LIGHT PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3509330108	Ref	PYLON ELECTRICAL INSTALLATION - BODY MOUNTED PYLON WITH 1 MARKER LIGHT PER SIDE	B
1	7552000293	1	Pylon Headboard Harness (See Separate Breakdown in ELECTRICAL Section)	
2	7590000105	1	Light	
3	7178000025	1	License Plate Bracket	
4	7346000039	AR	Tube	
5	7894000042	1	Tie-Strap (Not Shown)	
6	5526000553	1	Tie-Strap (Not Shown)	
7	7950100163	2	Washer #10	

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FIGURE 7-38. PYLON ELECTRICAL INSTALLATION - BODY MOUNTED (3 MARKER LIGHT PER SIDE)



ART_1001137307

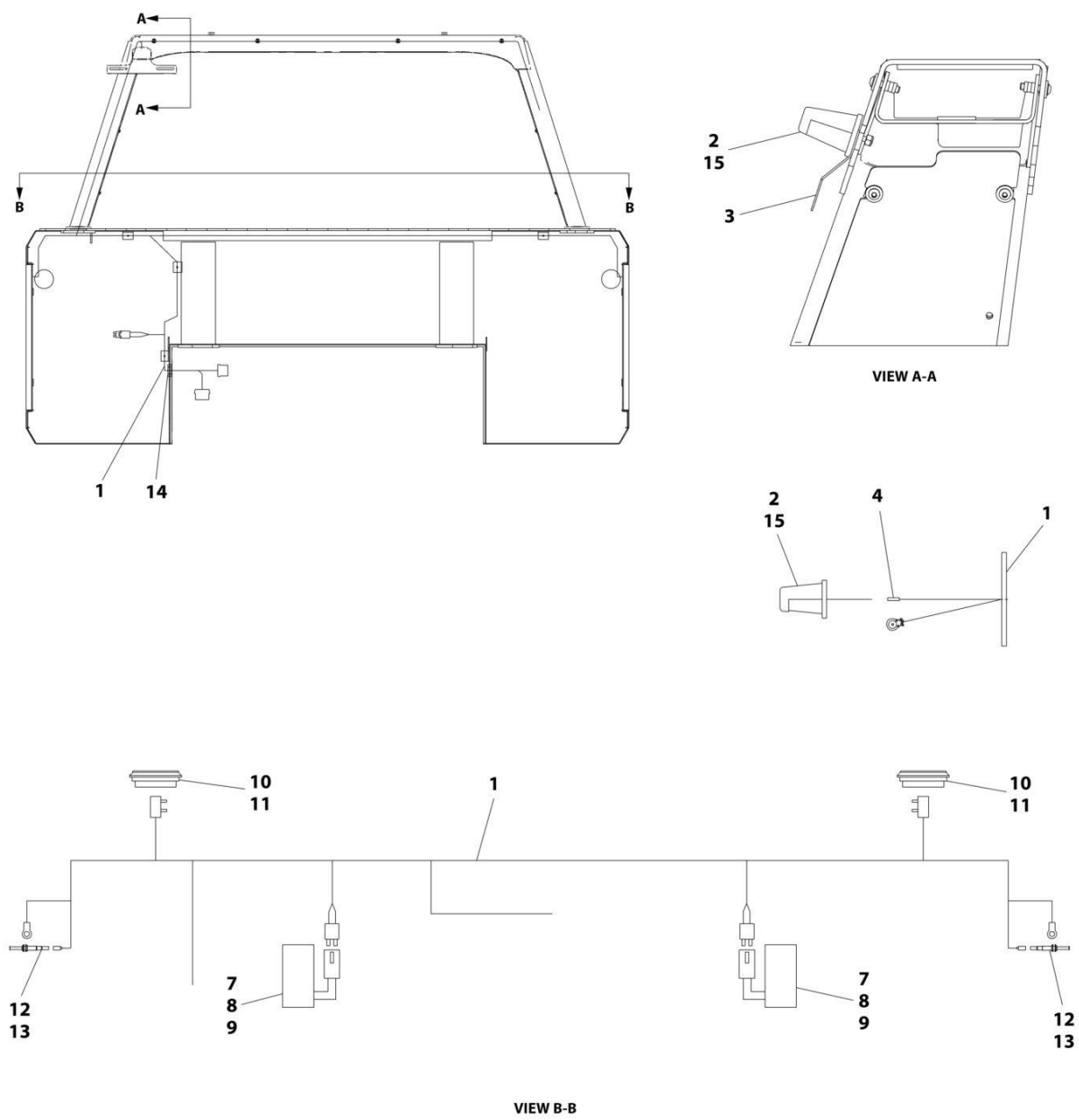
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FIGURE 7-38. PYLON ELECTRICAL INSTALLATION - BODY MOUNTED (3 MARKER LIGHT PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137307	Ref	PYLON ELECTRICAL INSTALLATION - TOOLBOX MOUNTED PYLON WITH 3 MARKER LIGHTS PER SIDE	C
1	7552000293	1	Pylon Headboard Harness (See Separate Breakdown in ELECTRICAL Section)	
2	7590000105	1	Light	
3	7178000025	1	License Plate Bracket	
4	7346000039	AR	Tube	
5	7894000042	1	Tie-Strap (Not Shown)	
6	5526000553	1	Tie-Strap (Not Shown)	
7	7950100163	2	Washer #10	
8	1001214805	2	Harness, TL Jumper 3 Marker	

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FIGURE 7-39. PYLON ELECTRICAL INSTALLATION - TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)



ART_3509330109

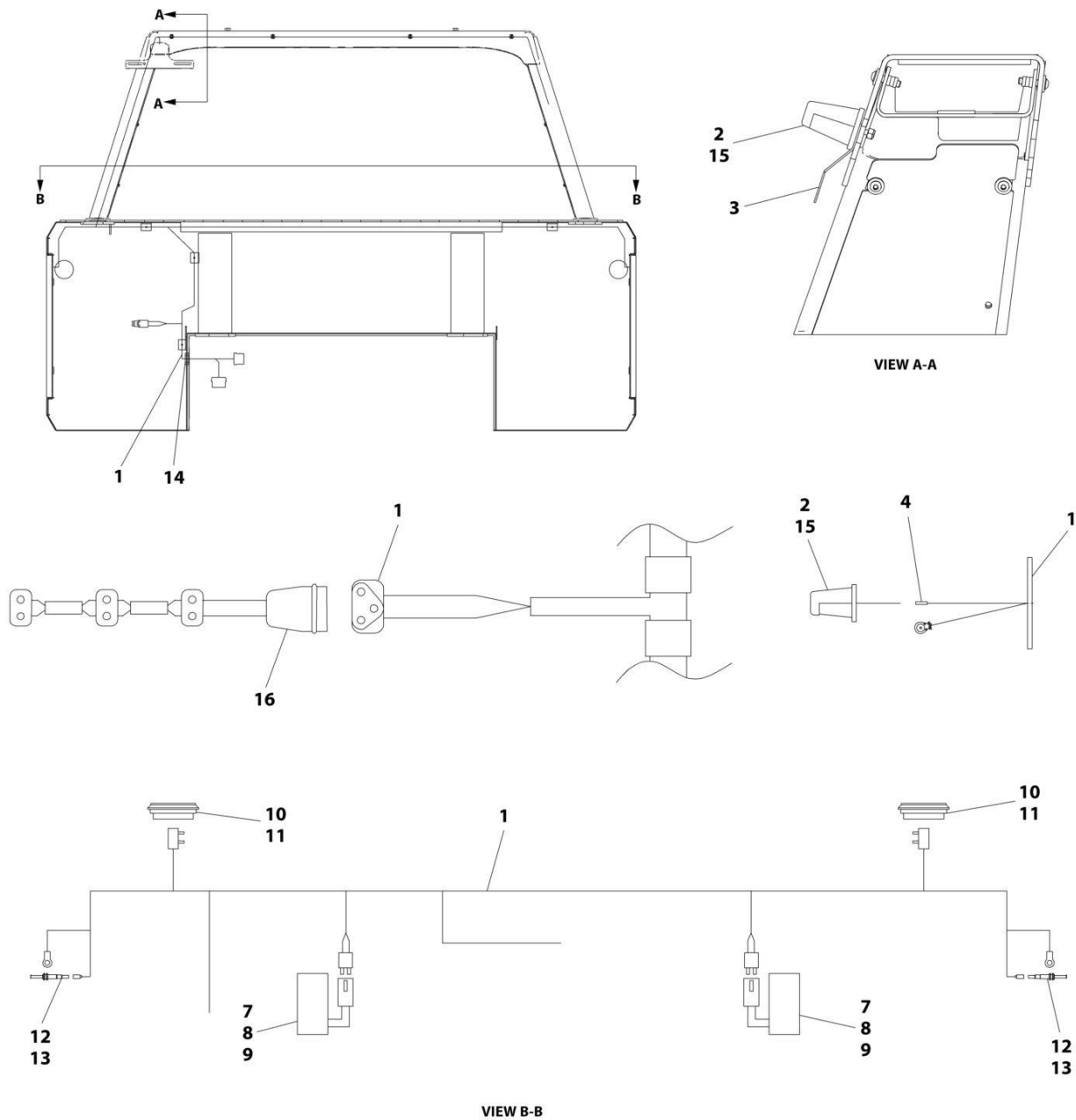
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FIGURE 7-39. PYLON ELECTRICAL INSTALLATION - TOOLBOX MOUNTED (1 MARKER LIGHT PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3509330109	Ref	PYLON ELECTRICAL INSTALLATION - TOOLBOX MOUNTED PYLON WITH 1 MARKER LIGHT PER SIDE	G
1	7552000295	1	Pylon Headboard Harness (See Separate Breakdown in ELECTRICAL Section)	
2	7590000105	1	Light	
3	7178000025	1	License Plate Bracket	
4	7346000039	AR	Tube	
5	7894000042	8	Tie-Strap (Not Shown)	
6	5526000553	8	Tie-Strap (Not Shown)	
7	7790100856	4	Screw #10 x 1/2	
8	7590000273	2	Light	
9	7661000047	4	Nut #8	
10	7493000009	2	Grommet	
11	7590000342	2	Light	
12	7870000115	2	Light	
13	7413000013	2	Push Fastener	
14	7493000011	1	Grommet	
15	7950100163	2	Washer #10	

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FIGURE 7-40. PYLON ELECTRICAL INSTALLATION - TOOLBOX MOUNTED (3 MARKER LIGHT PER SIDE)



ART_1001137306

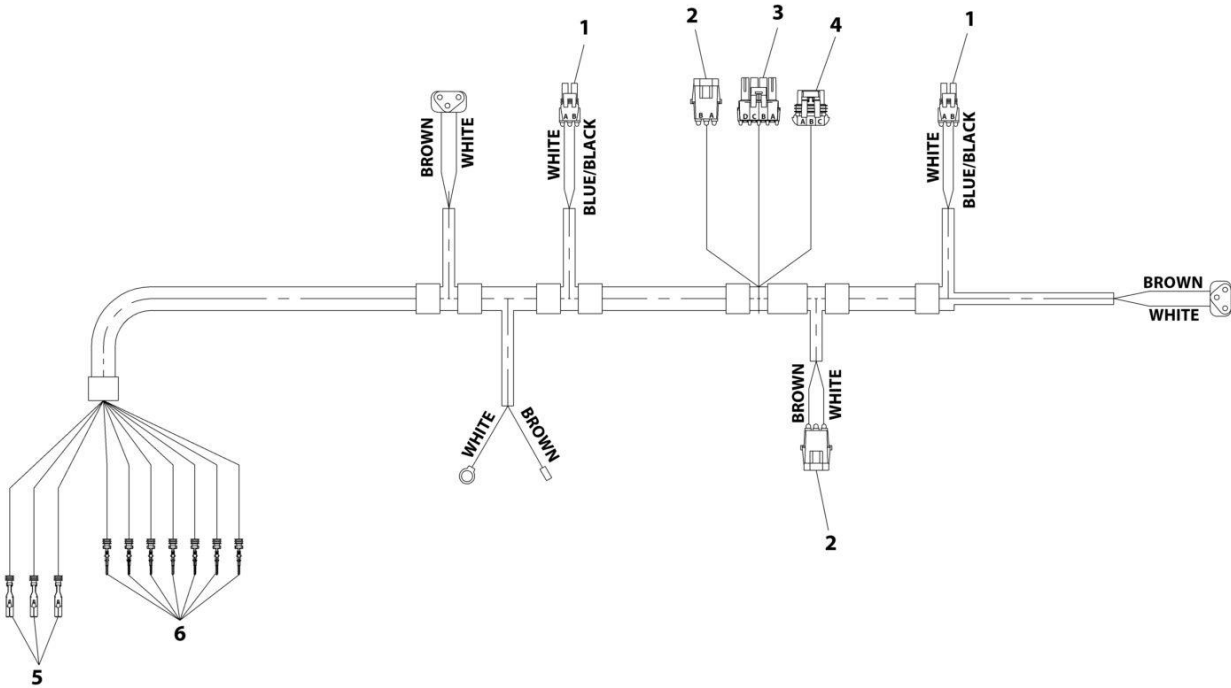
SECTION 7 - ELECTRICAL

FIGURE 7-40. PYLON ELECTRICAL INSTALLATION - TOOLBOX MOUNTED (3 MARKER LIGHT PER SIDE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137306	Ref	PYLON ELECTRICAL INSTALLATION - BODY MOUNTED PYLON WITH 3 MARKER LIGHTS PER SIDE	C
1	7552000295	1	Pylon Headboard Harness (See Separate Breakdown in ELECTRICAL Section)	
2	7590000105	1	Light	
3	7178000025	1	License Plate Bracket	
4	7346000039	AR	Tube	
5	7894000042	8	Tie-Strap (Not Shown)	
6	5526000553	8	Tie-Strap (Not Shown)	
7	7790100856	4	Screw #10 x 1/2	
8	7590000273	2	Light	
9	7661000047	4	Nut #8	
10	7493000009	2	Grommet	
11	7590000048	2	Light	
12	7870000115	2	Light	
13	7413000013	2	Push Fastener	
14	7493000011	1	Grommet	
15	7950100163	2	Washer #10	
16	1001214805	2	Harness, TL Jumper 3 Marker	

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FIGURE 7-41. PYLON HEADBOARD HARNESS - 1 MARKER LIGHT PER SIDE



ART_7552000293

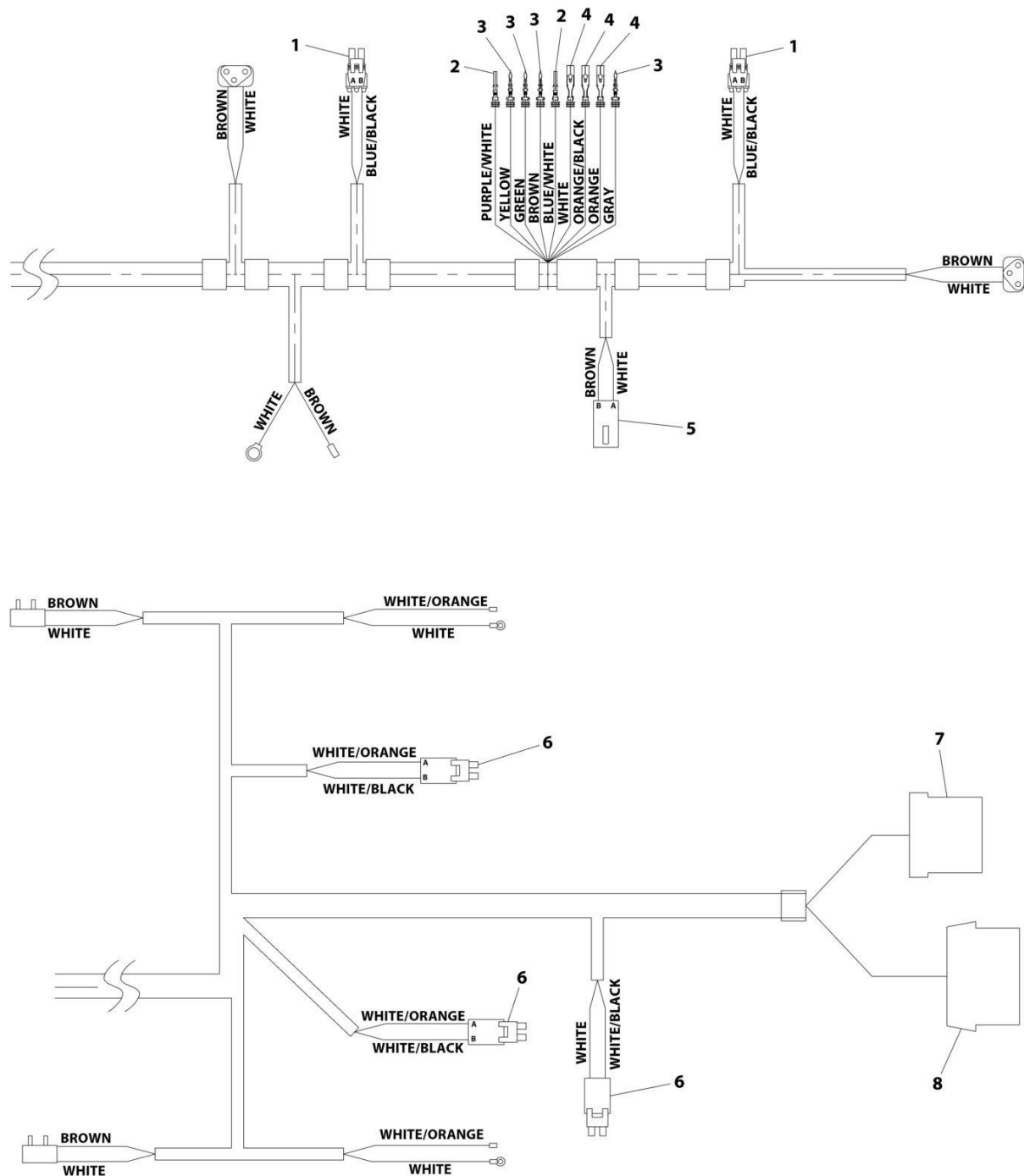
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FIGURE 7-41. PYLON HEADBOARD HARNESS - 1 MARKER LIGHT PER SIDE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000293	Ref	PYLON HEADBOARD HARNESS - 1 MARKER LIGHT PER SIDE	E
1	4460742	2	Connector	
1	4460457	2	Terminal	
1	4460458	2	Seal	
2	4460867	2	Connector	
2	4460475	2	Terminal	
2	4460458	2	Seal	
3		Ref	Connector	
3	4460457	1	Terminal	
3	4460458	1	Seal	
4		Ref	Connector	
4		Ref	Lock	
4	8220099	1	Terminal	
4		Ref	Seal	
4		Ref	Seal	
5	8220934	1	Connector	
5		Ref	Lock	
5	8220100	1	Terminal	
5		Ref	Terminal	
5		Ref	Seal	
5		Ref	Seal	
6	4460692	1	Connector	
6	8220400	1	Lock	
6		Ref	Terminal	
6	4460608	7	Seal	
6	4461215	1	Plug	

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FIGURE 7-42. PYLON HEADBOARD HARNESS - 3 MARKER LIGHTS PER SIDE



ART_7552000295

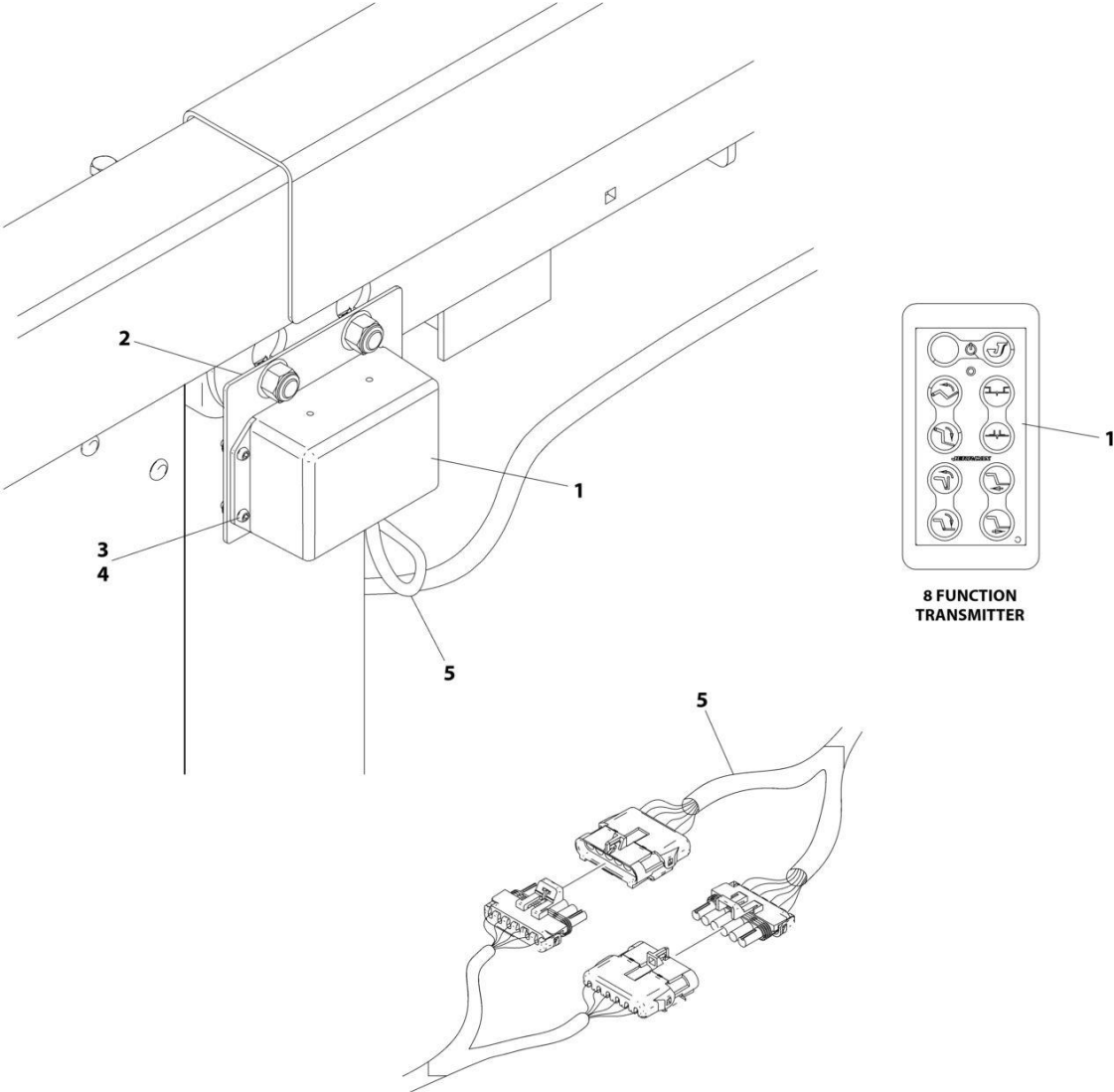
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FIGURE 7-42. PYLON HEADBOARD HARNESS - 3 MARKER LIGHTS PER SIDE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000295	Ref	PYLON HEADBOARD HARNESS - 3 MARKER LIGHTS PER SIDE	E
1	4460742	2	Connector	
1	4460457	2	Terminal	
1	4460458	2	Seal	
2	4460867	1	Connector	
2	4460475	2	Terminal	
2	4460458	2	Seal	
3		Ref	Connector	
3	4460457	4	Terminal	
3	4460458	4	Seal	
4		Ref	Connector	
4		Ref	Lock	
4		Ref	Terminal	
4		Ref	Seal	
4		Ref	Seal	
5	4460867	1	Connector	
5	4460475	1	Terminal	
5	4460458	1	Seal	
6	4460742	3	Connector	
6	4460458	6	Seal	
6	4460457	6	Terminal	
7	4460692	1	Connector	
7	4460695	1	Lock	
7	4460608	1	Seal	
7		Ref	Terminal	
7	4461215	1	Plug	
8	8220934	1	Connector	
8		Ref	Lock	
8		Ref	Seal	
8		Ref	Terminal	
8		Ref	Terminal	

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FIGURE 7-43. REMOTE CONTROL INSTALLATION - 4 FUNCTION TOGGLE



ART_2295000015

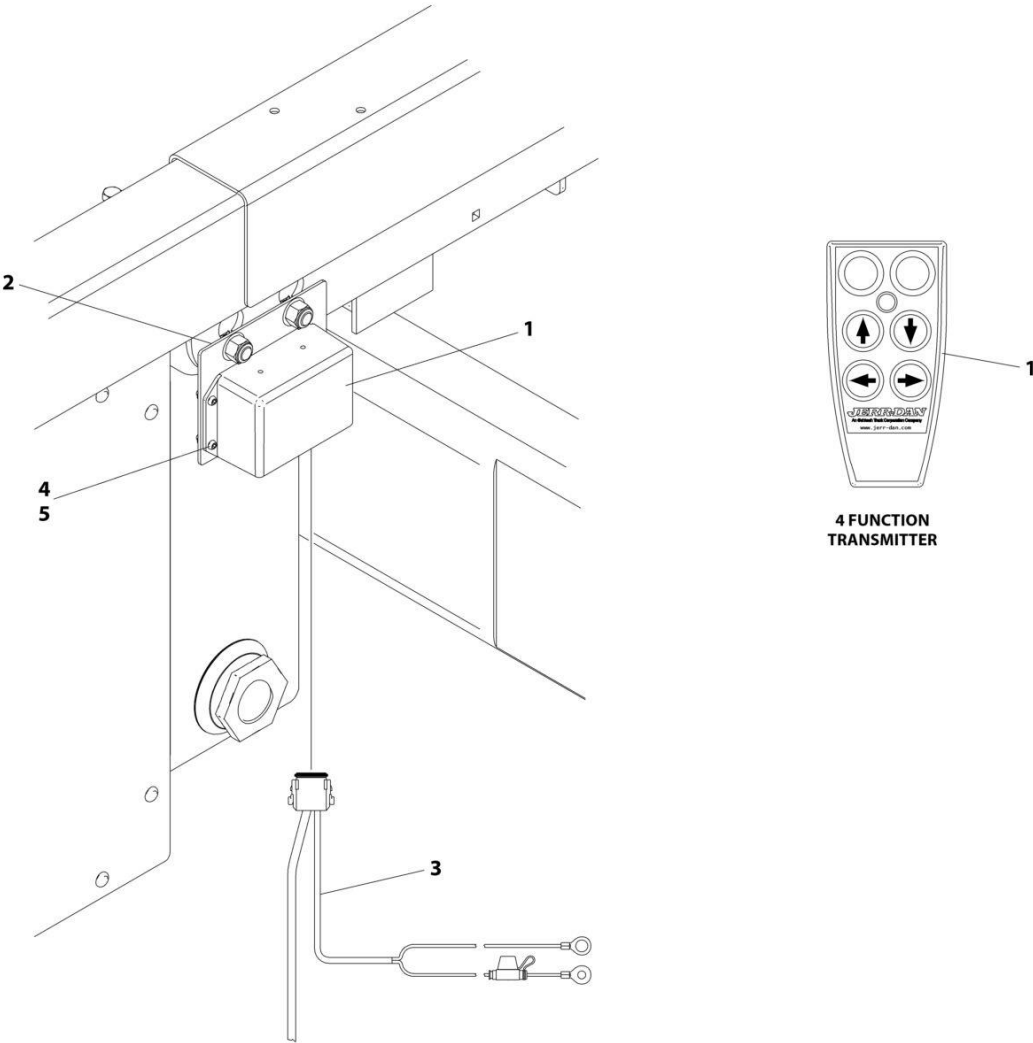
SECTION 7 - ELECTRICAL

FIGURE 7-43. REMOTE CONTROL INSTALLATION - 4 FUNCTION TOGGLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2295000015	Ref	REMOTE CONTROL INSTALLATION	B
1	7295000116	1	Controller	
1	70051475	1	Transmitter	
1	70051465	1	Belt Clip	
1	70051466	1	Rubber Boot	
1	9295310049	1	Receiver	
2	4706005595	1	Plate	
3	7114100518	4	Screw #10 x 5/8	
4	7660102604	4	Nut #10	
5	7552000384	1	Remote Control Harness (See Separate Breakdown in this Section)	
6	5526000553	5	Tie-Strap (Not Shown)	
7	7075000003	1	Battery (Not Shown)	

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FIGURE 7-44. REMOTE CONTROL INSTALLATION - 4 FUNCTION MEMBRANE



ART_1001256340

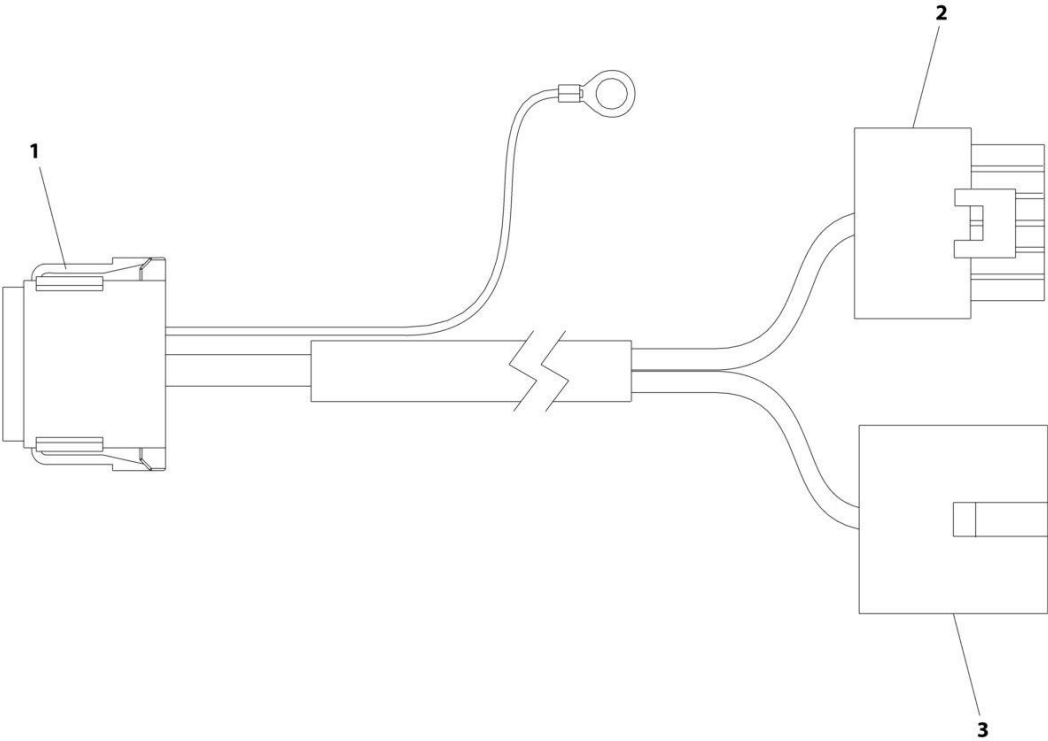
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FIGURE 7-44. REMOTE CONTROL INSTALLATION - 4 FUNCTION MEMBRANE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256340	Ref	REMOTE CONTROL INSTALLATION - 4 FUNCTION MEMBRANE	A
1	7295000108	1	Controller	
1	9295310033	1	Transmitter	
1	9295310030	1	Belt Clip	
1	9295310042	1	Rubber Boot	
1	9295310038	1	Receiver	
2	4706005595	1	Plate	
3	7552000392	1	Remote Control Harness - 4 Function Membrane (See Separate Breakdown in this Section)	
4	7114100518	4	Screw #10 x 5/8	
5	7660102604	4	Nut #10	

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FIGURE 7-45. REMOTE CONTROL HARNESS - 4 FUNCTION TOGGLE



ART_7552000384

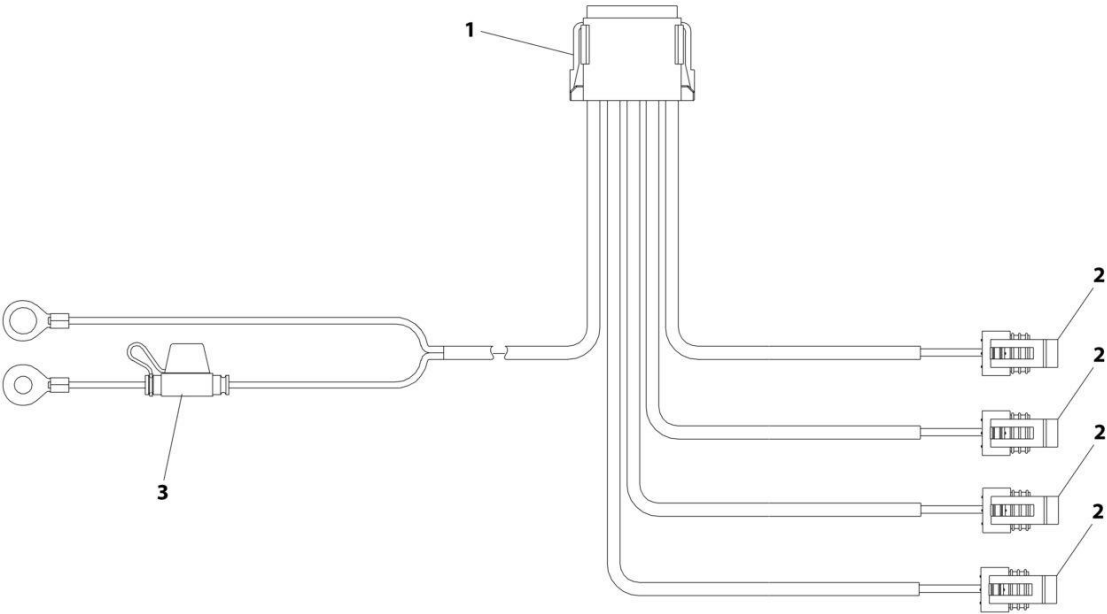
SECTION 7 - ELECTRICAL

FIGURE 7-45. REMOTE CONTROL HARNESS - 4 FUNCTION TOGGLE

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 7-46. REMOTE CONTROL HARNESS- 4 FUNCTION MEMBRANE



ART_7552000392

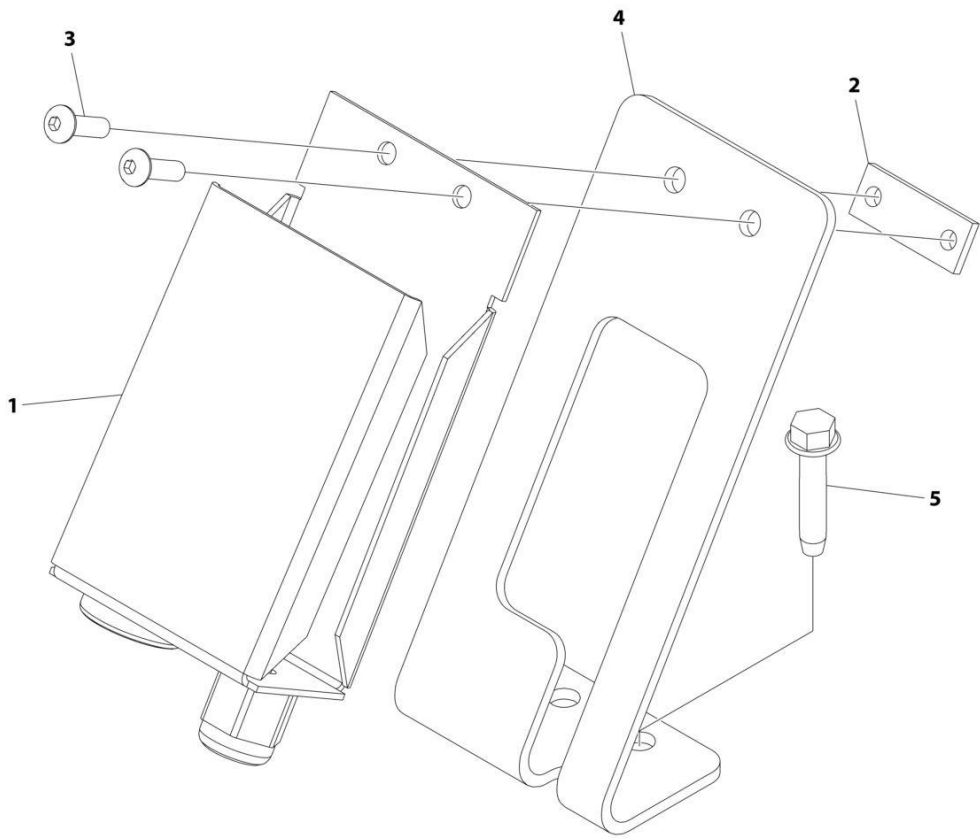
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FIGURE 7-46. REMOTE CONTROL HARNESS- 4 FUNCTION MEMBRANE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000392	Ref	REMOTE CONTROL HARNESS - 4 FUNCTION MEMBRANE	5
1	4460933	1	Plug, Male - 1 Position	
2	4460955	4	Plug, Male - 2 Position	
2	4460842	8	Socket, Female	
3		Ref	Fuseholder	
3		Ref	Fuse 10Amp (Purchase Locally)	

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FIGURE 7-47. REMOTE CONTROL HOLDER INSTALLATION



ART_2002000031

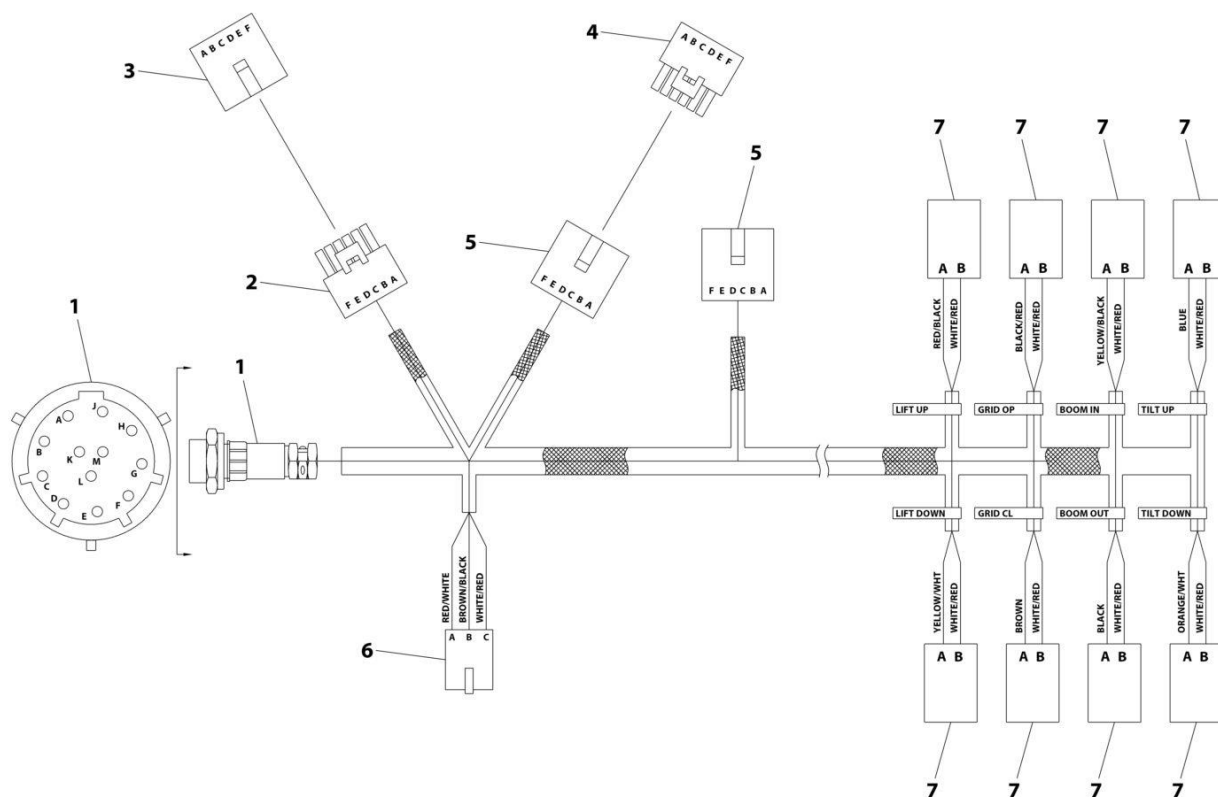
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FIGURE 7-47. REMOTE CONTROL HOLDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2002000031	Ref	Remote Control 6 Function U/L Transmitter Holder	D
1	7002000521	1	Accessory, 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 7-48. REMOTE HARNESS (JERR-DAN SUPPLIED CONTROLS)



ART_7552000366

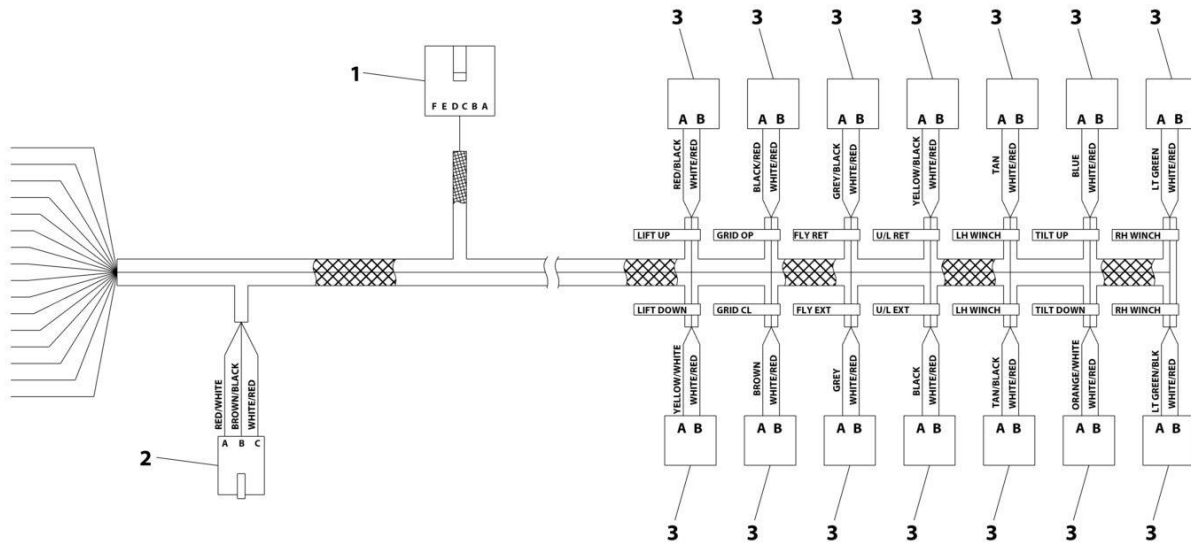
SECTION 7 - ELECTRICAL

FIGURE 7-48. REMOTE HARNESS (JERR-DAN SUPPLIED CONTROLS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000366	Ref	REMOTE HARNESS (JERR-DAN SUPPLIED CONTROLS)	4
1		Ref	Plug	
1		Ref	Terminal	
1		Ref	Connector, Strain Relief	
2		Ref	Plug	
2	4460743	6	Terminal	
2	4460458	6	Seal	
3		Ref	Receptacle	
3	1001116727	6	Seal	
4		Ref	Plug	
4	1001116727	6	Seal	
5		Ref	Receptacle	
5	4460979	6	Terminal	
5	4460475	4	Terminal	
5	4460458	10	Seal	
6		Ref	Receptacle	
6	4460475	3	Terminal	
6	4460979	AR	Terminal	
6	4460458	3	Seal	
7	4460955	8	Connector	
7	4460842	16	Terminal	

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FIGURE 7-49. REMOTE HARNESS (CUSTOMER SUPPLIED CONTROLS)



ART_1001133439

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FIGURE 7-49. REMOTE HARNESS (CUSTOMER SUPPLIED CONTROLS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133439	Ref	REMOTE HARNESS (CUSTOMER SUPPLIED CONTROLS)	A
1		Ref	Connector	
1	4460979	4	Terminal	
1	4460475	2	Terminal	
1	4460458	6	Seal	
2		Ref	Connector	
2	4460475	3	Terminal	
2	4460979	AR	Terminal	
2	4460458	3	Seal	
3	4460955	14	Connector	
3	4460842	28	Terminal	

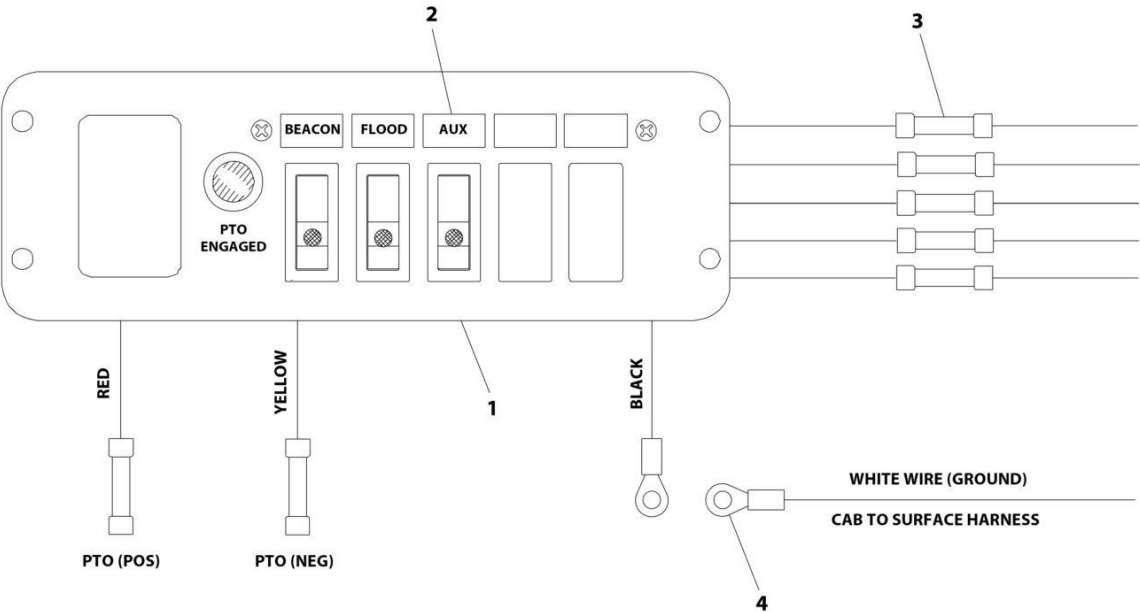
SECTION 7 - ELECTRICAL

FIGURE 7-50. SWITCH PANEL INSTALLATION - 2 FUNCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	2811000001	Ref	DECKING, 3/16" STEEL SMOOTH, 19' X 96"	0
	4811001429	2	Decking, 47-1/2 x 211-3/4	

SECTION 7 - ELECTRICAL

FIGURE 7-51. SWITCH PANEL INSTALLATION - 3 FUNCTION (IN DASH COMPACT)



ART_1001135700

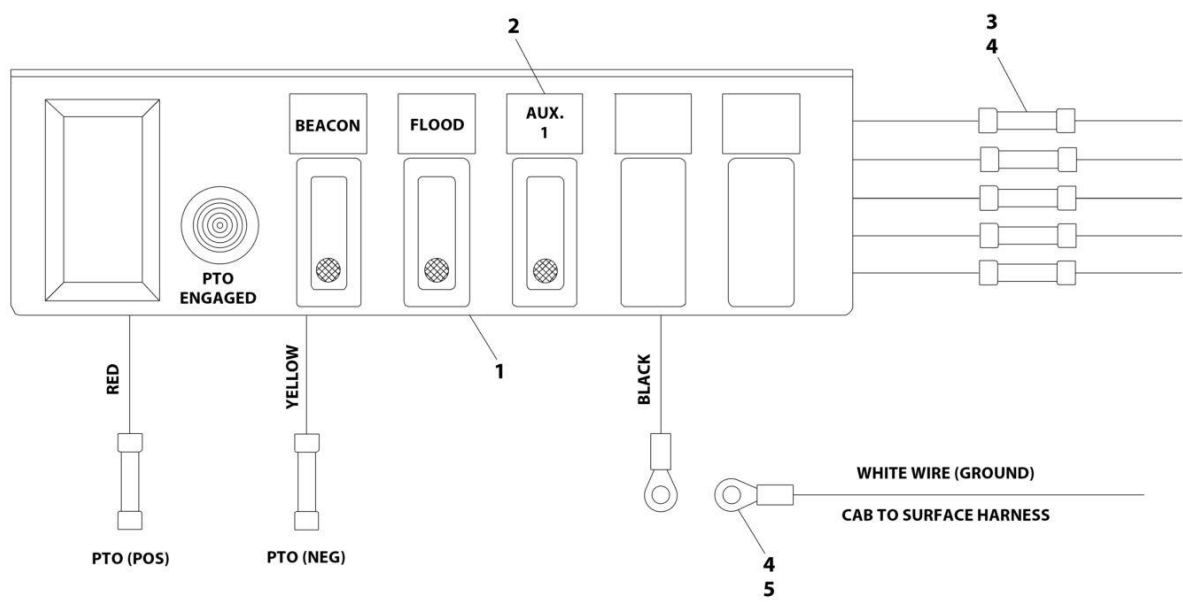
SECTION 7 - ELECTRICAL

FIGURE 7-51. SWITCH PANEL INSTALLATION - 3 FUNCTION (IN DASH COMPACT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135700	Ref	3 Function In-Dash Compact Installation	A
1	7870000100	1	Switch Panel	
2	7330000288	1	Decal	
3	7345001913	4	Connector	
4	7345211701	1	Terminal	
4	7345001713	1	Connector	
5	4346000005	1	Heat Shrink (Not Shown)	

SECTION 7 - ELECTRICAL

FIGURE 7-52. SWITCH PANEL INSTALLATION - 3 FUNCTION (UNDER DASH COMPACT)



ART_1001135756

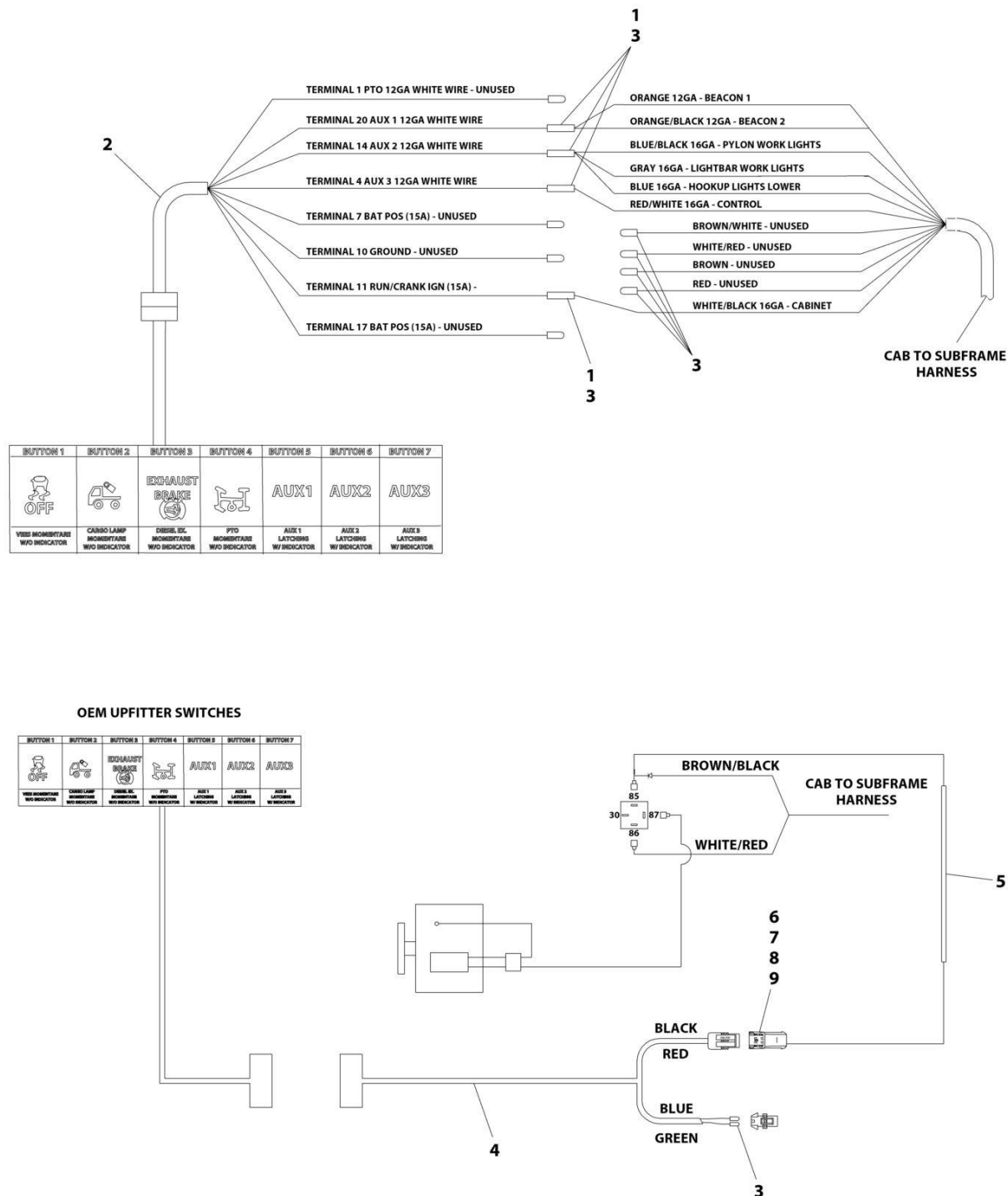
SECTION 7 - ELECTRICAL

FIGURE 7-52. SWITCH PANEL INSTALLATION - 3 FUNCTION (UNDER DASH COMPACT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135756	1	3 Function Under-Dash Compact Assembly	A
1	7870000134	1	Switch Panel	
2	7330000288	1	Decal	
3	7346000242	2	Connector	
4	7345001713	4	Connector	
5	7345211701	1	Terminal	
6	4346000005	1	Heat Shrink (Not Shown)	
7	8597650003	2	Wire (Not Shown)	
8	5526000553	6	Tie Strap (Not Shown)	

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FIGURE 7-53. SWITCH PANEL INSTALLATION - 3 FUNCTION (CV515 OEM)



ART_1001254906

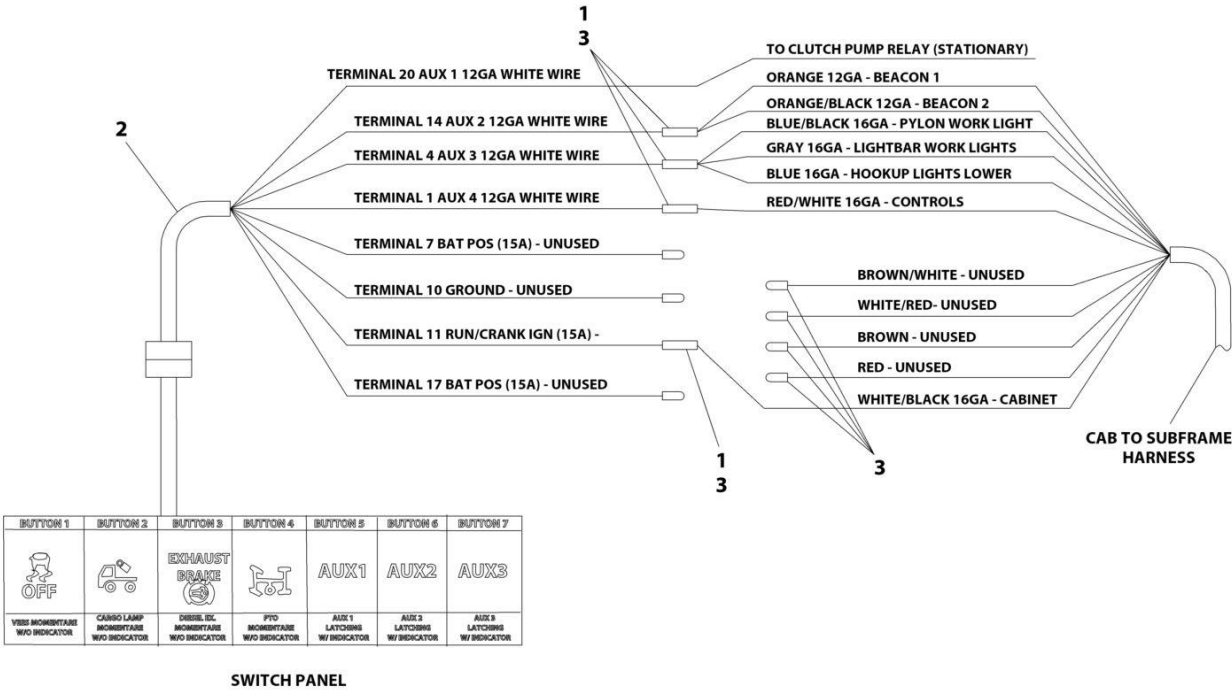
SECTION 7 - ELECTRICAL

FIGURE 7-53. SWITCH PANEL INSTALLATION - 3 FUNCTION (CV515 OEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001254906	Ref	SWITCH PANEL INSTALLATION - 3 FUNCTION (CV515 OEM)	C
1	7345001914	4	Switch	
2	1001254044	1	Harness	
3	7346000039	AR	Heat Shrink Tubing	
4	1001250685	1	Wiring Harness Kit	
5	8977010103	10 ft	Conductor	
6	1001117026	1	Connector	
7	4460789	1	Terminal	
8	1001116727	1	Pluag	
9	1001116729	1	Terminal	

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FIGURE 7-54. SWITCH PANEL INSTALLATION - 4 FUNCTION (CV515 OEM)



ART_1001256091

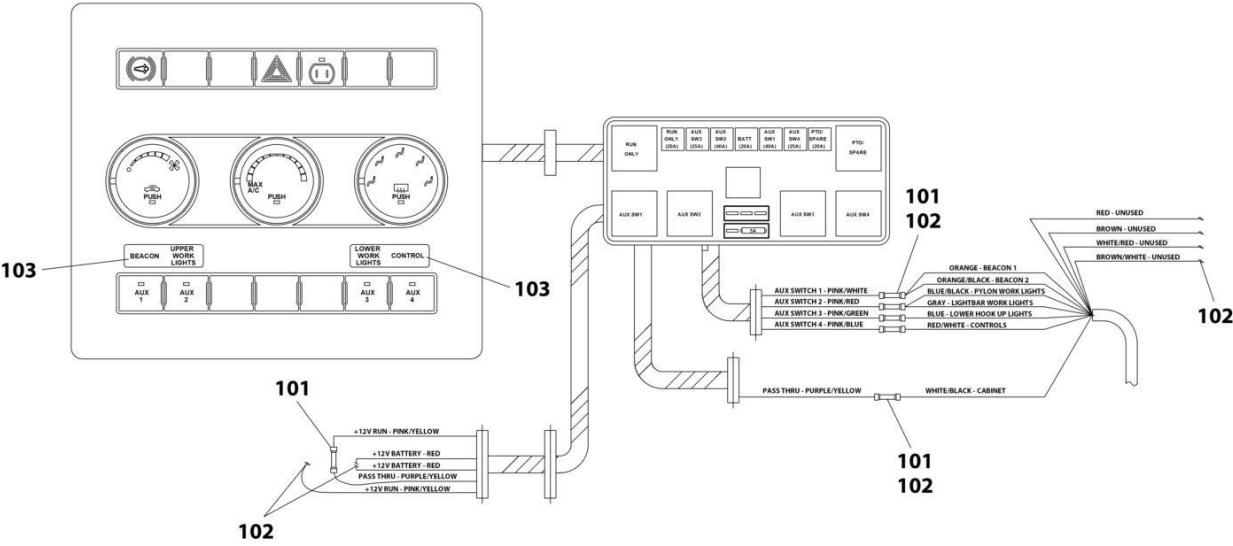
SECTION 7 - ELECTRICAL

FIGURE 7-54. SWITCH PANEL INSTALLATION - 4 FUNCTION (CV515 OEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256091	Ref	SWITCH PANEL INSTALLATION - 4 FUNCTION (CV515 OEM)	C
1	7345001914	4	Terminal	
2	1001254044	1	Harness	
3	7346000039	AR	Tubing	

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FIGURE 7-55. SWITCH PANEL INSTALLATION - 4 FUNCTION (DODGE OEM)



ART_1001123375

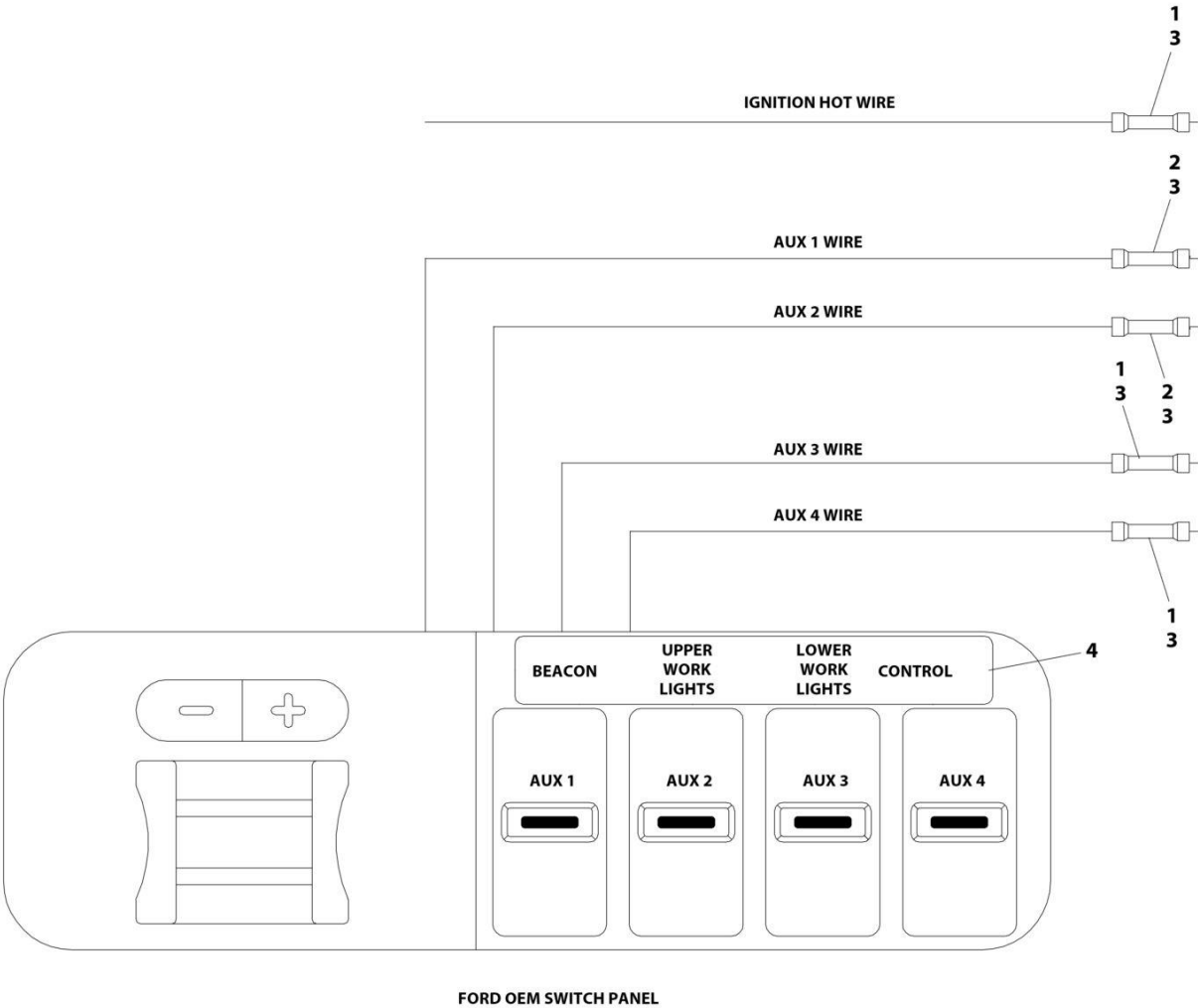
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FIGURE 7-55. SWITCH PANEL INSTALLATION - 4 FUNCTION (DODGE OEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001123375	Ref	SWITCH PANEL INSTALLATION - 4 FUNCTION (DODGE OEM)	B
1	2870000030	Ref	Switch Installation (Includes Item 101-103) (Not Shown)	
101	7345001914	8	Terminal	
102	7346000039	AR	Tubing	
103	7330000872	1	Decal	

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FIGURE 7-56. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F450/F550 2011-2016 OEM)



ART_1001135519

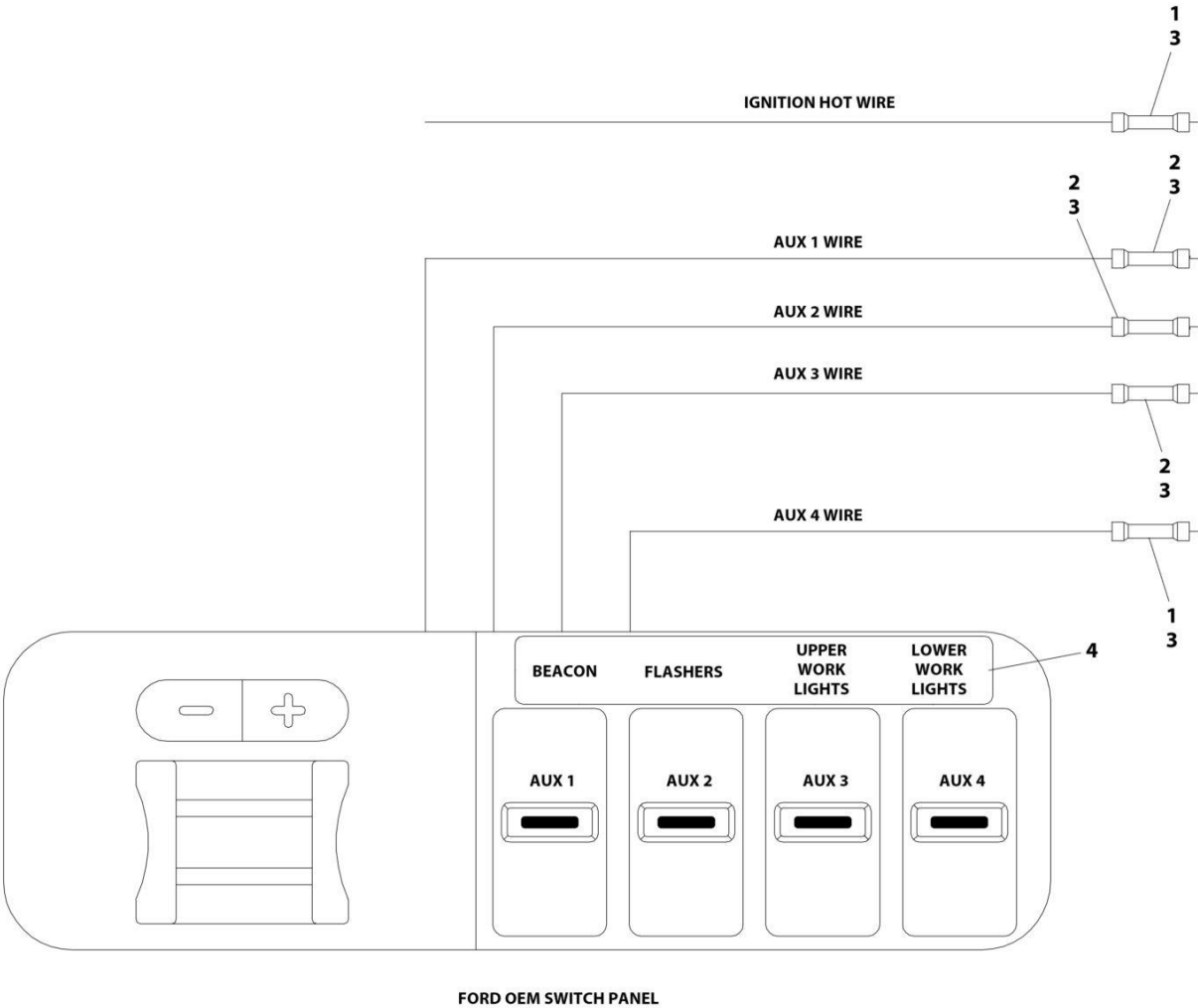
SECTION 7 - ELECTRICAL

FIGURE 7-56. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F450/F550 2011-2016 OEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135519	Ref	SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F450/F550 2011-2016 OEM)	B
1	7345001713	3	Connector	
2	7346000242	2	Connector	
3	4346000005	4	Heat Shrink Tubing	
4	7330000630	1	Decal	

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FIGURE 7-57. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD 2011-2016 AAA OEM)



ART_1001129474

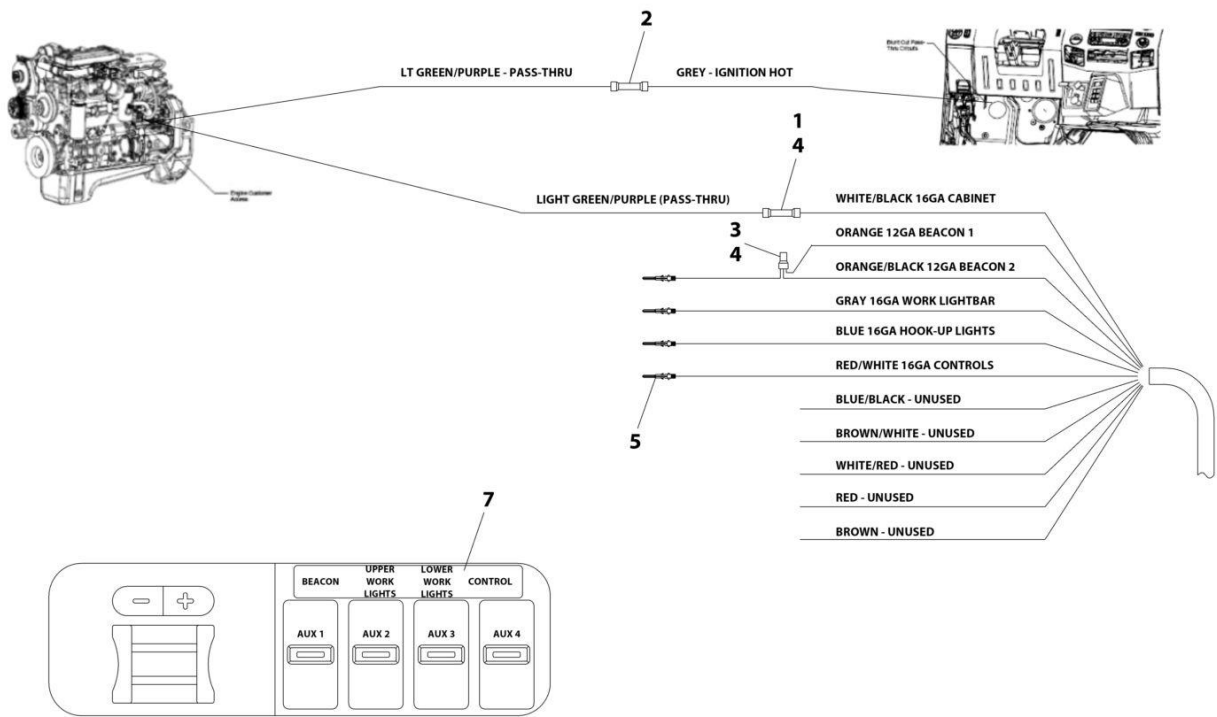
SECTION 7 - ELECTRICAL

FIGURE 7-57. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD 2011-2016 AAA OEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129474	Ref	SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD 2011-2016 AAA OEM)	B
1	7345001714	2	Connector	
2	7345001914	3	Connector	
3	7346000039	1	Heat Shrink Tubing	
4	1001129461	1	Decal	

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FIGURE 7-58. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F650/F750 2011+OEM)



ART_1001135521

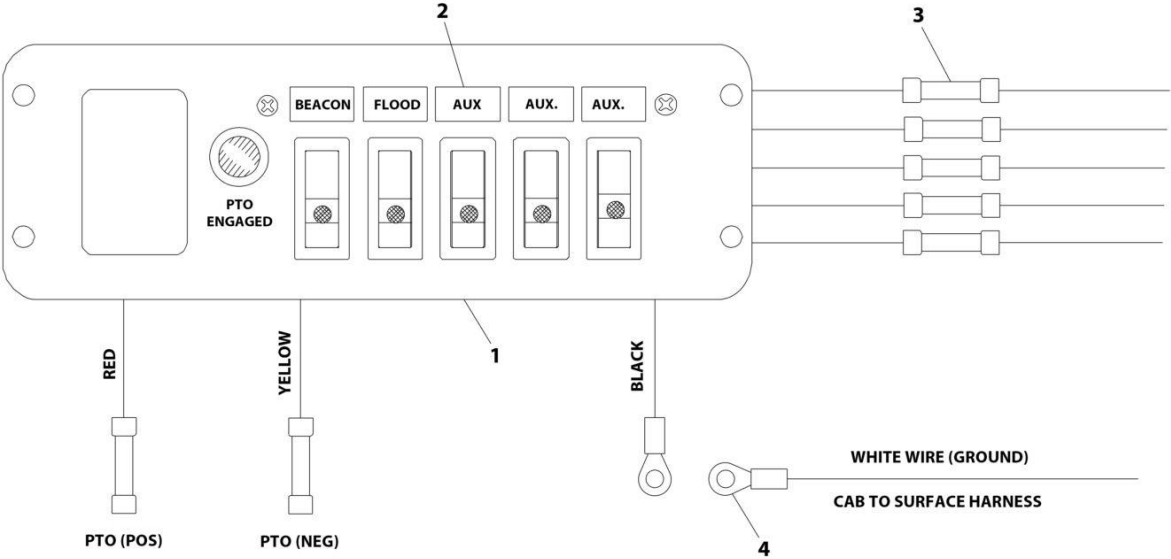
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FIGURE 7-58. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F650/F750 2011+OEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135521	Ref	SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F650/F750 2011+OEM)	B
1	7345001714	1	Terminal	
2	7345001713	1	Connector	
3	7346000242	1	Connector	
4	4346000005	7	Heat Shrink Tubing	
5	1001129095	4	Terminal	
7	7330000630	1	Decal	

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FIGURE 7-59. SWITCH PANEL INSTALLATION - 5 FUNCTION (IN DASH COMPACT)



ART_1001135701

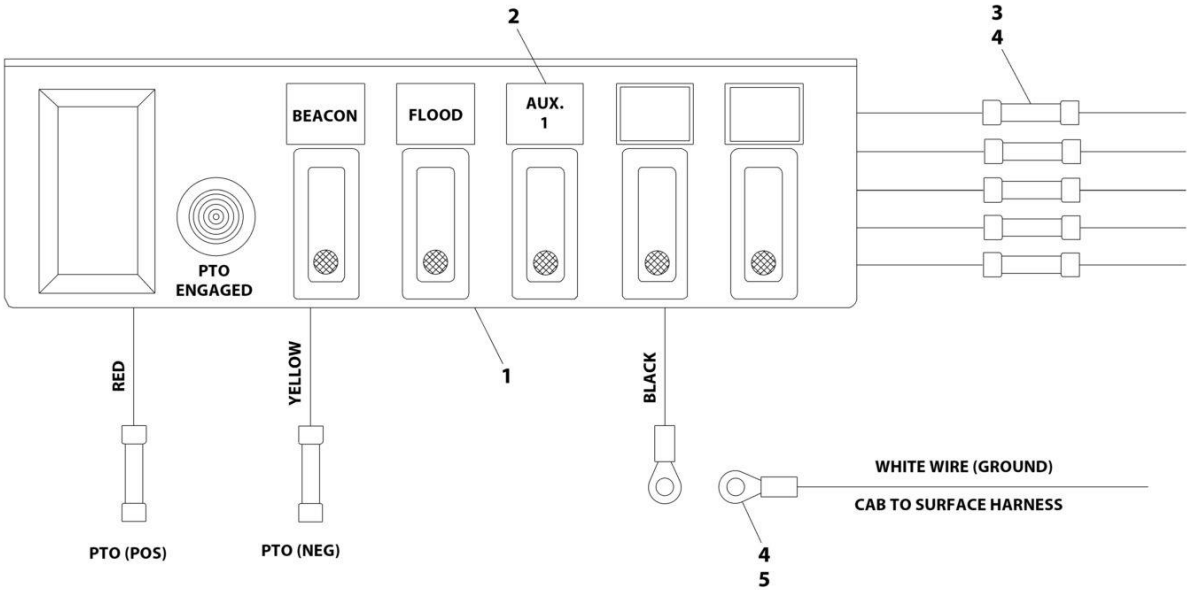
SECTION 7 - ELECTRICAL

FIGURE 7-59. SWITCH PANEL INSTALLATION - 5 FUNCTION (IN DASH COMPACT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135701	Ref	5 FUNCTION IN-DASH COMPACT SWITCH PANEL ASSEMBLY	A
1	7870000106	1	Switch Panel	
2	7330000288	1	Decal	
3	7345001913	6	Connector	
4	7345211701	1	Terminal	
4	7345001713	1	Connector	

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FIGURE 7-60. SWITCH PANEL INSTALLATION - 5 FUNCTION (UNDER DASH COMPACT)



ART_1001135757

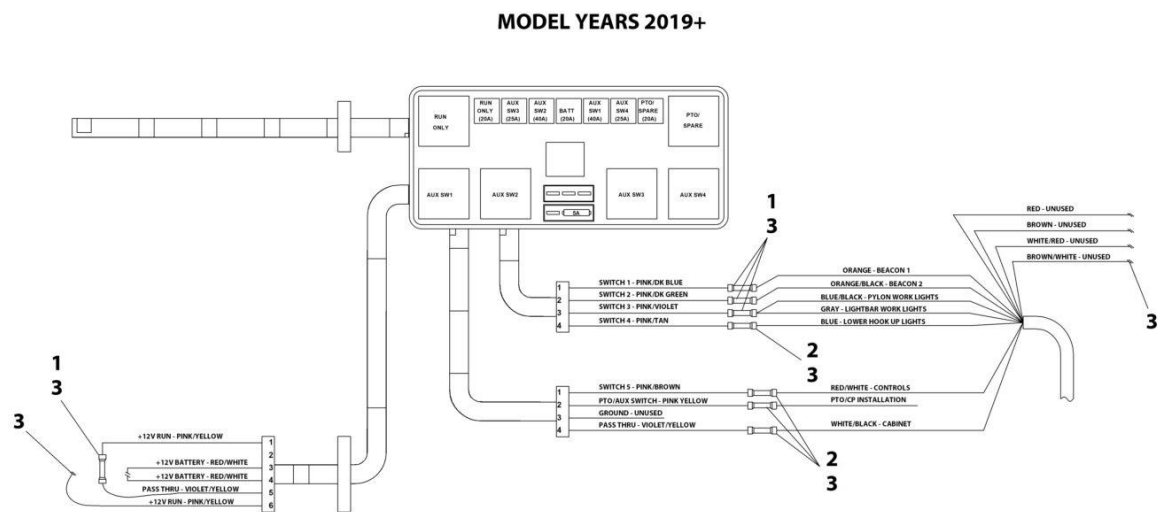
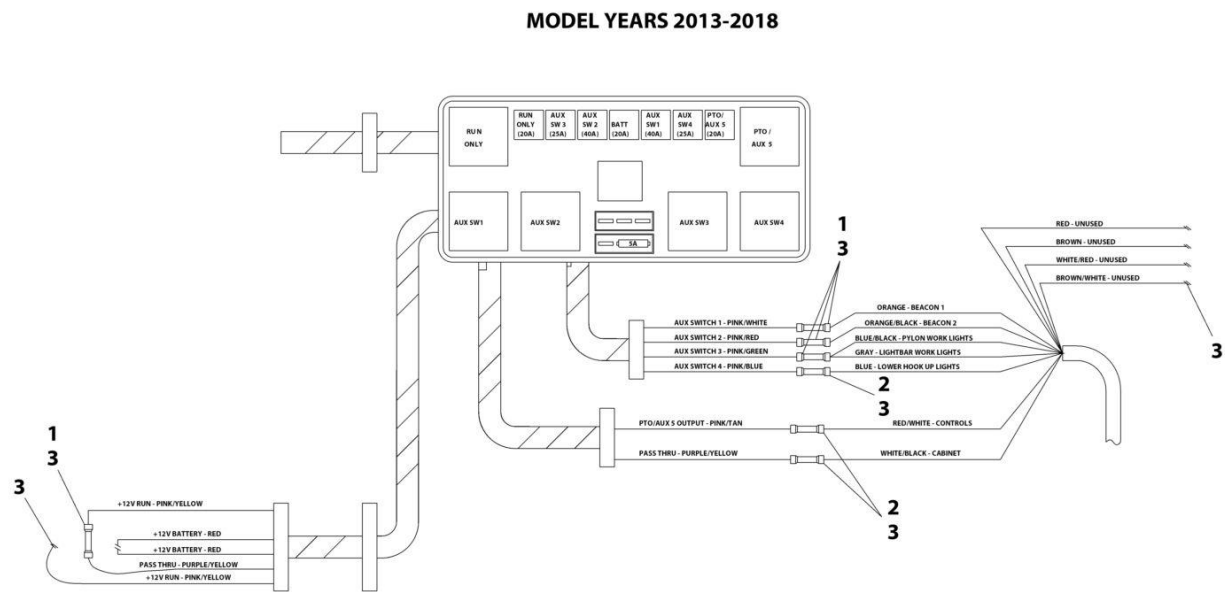
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FIGURE 7-60. SWITCH PANEL INSTALLATION - 5 FUNCTION (UNDER DASH COMPACT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135757	1	5 FUNCTION UNDER-DASH SWITCH PANEL ASSEMBLY	A
1	7870000137	1	Switch Panel	
2	7330000288	1	Decal	
3	7346000242	2	Connector	
4	7345001713	5	Connector	
5	7345211701	1	Ternminal	
6	8597650003	2	Wire (Not Shown)	
7	5526000553	6	Tie Strap (Not Shown)	

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FIGURE 7-61. SWITCH PANEL INSTALLATION – 5 FUNCTION (DODGE OEM)



ART_1001161481

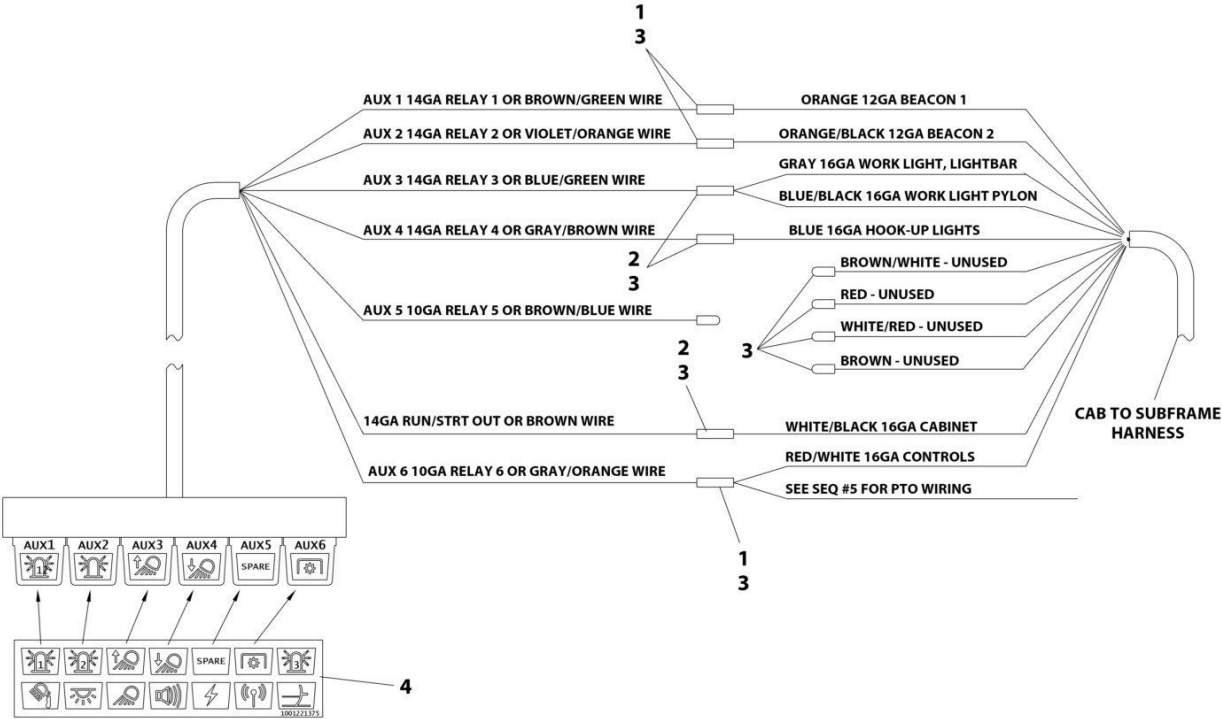
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FIGURE 7-61. SWITCH PANEL INSTALLATION – 5 FUNCTION (DODGE OEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161481	Ref	SWITCH PANEL INSTALLATION - 5 FUNCTION (DODGE OEM)	C
1	7345001914	4	Terminal	
2	7345001714	4	Terminal	
3	7346000039	AR	Tubing	

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FIGURE 7-62. SWITCH PANEL INSTALLATION - 6 FUNCTION (FORD F450/F550 2017+ OEM)



ART_1001221395

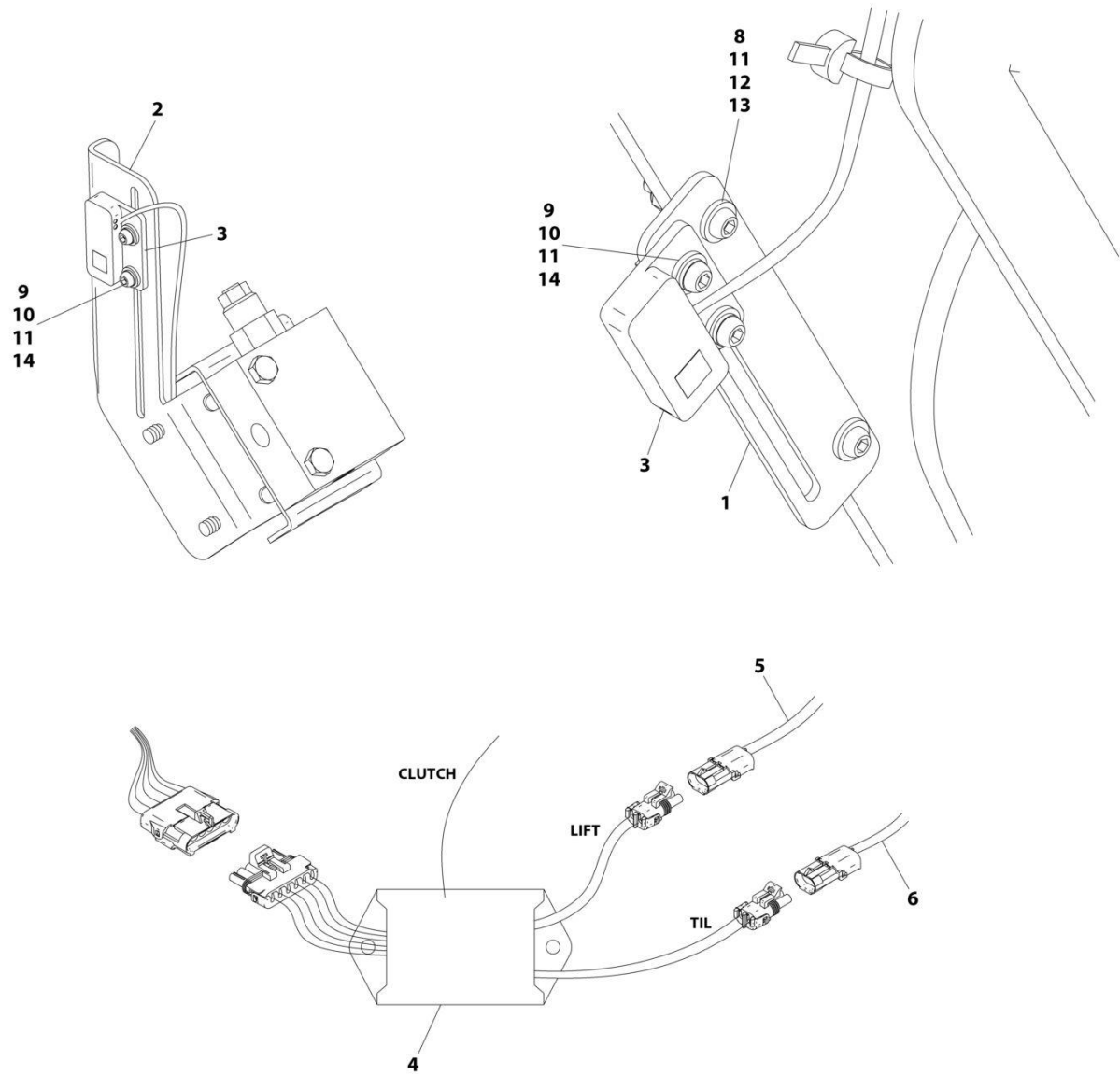
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FIGURE 7-62. SWITCH PANEL INSTALLATION - 6 FUNCTION (FORD F450/F550 2017+ OEM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221395	Ref	SWITCH PANEL INSTALLATION - 6 FUNCTION (FORD F450/F550 2017+ OEM)	D
1	7345001914	3	Terminal	
2	7345001714	3	Terminal	
3	7346000039	AR	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 7-63. UNDERLIFT ELECTRICAL CONTROLS INSTALLATION



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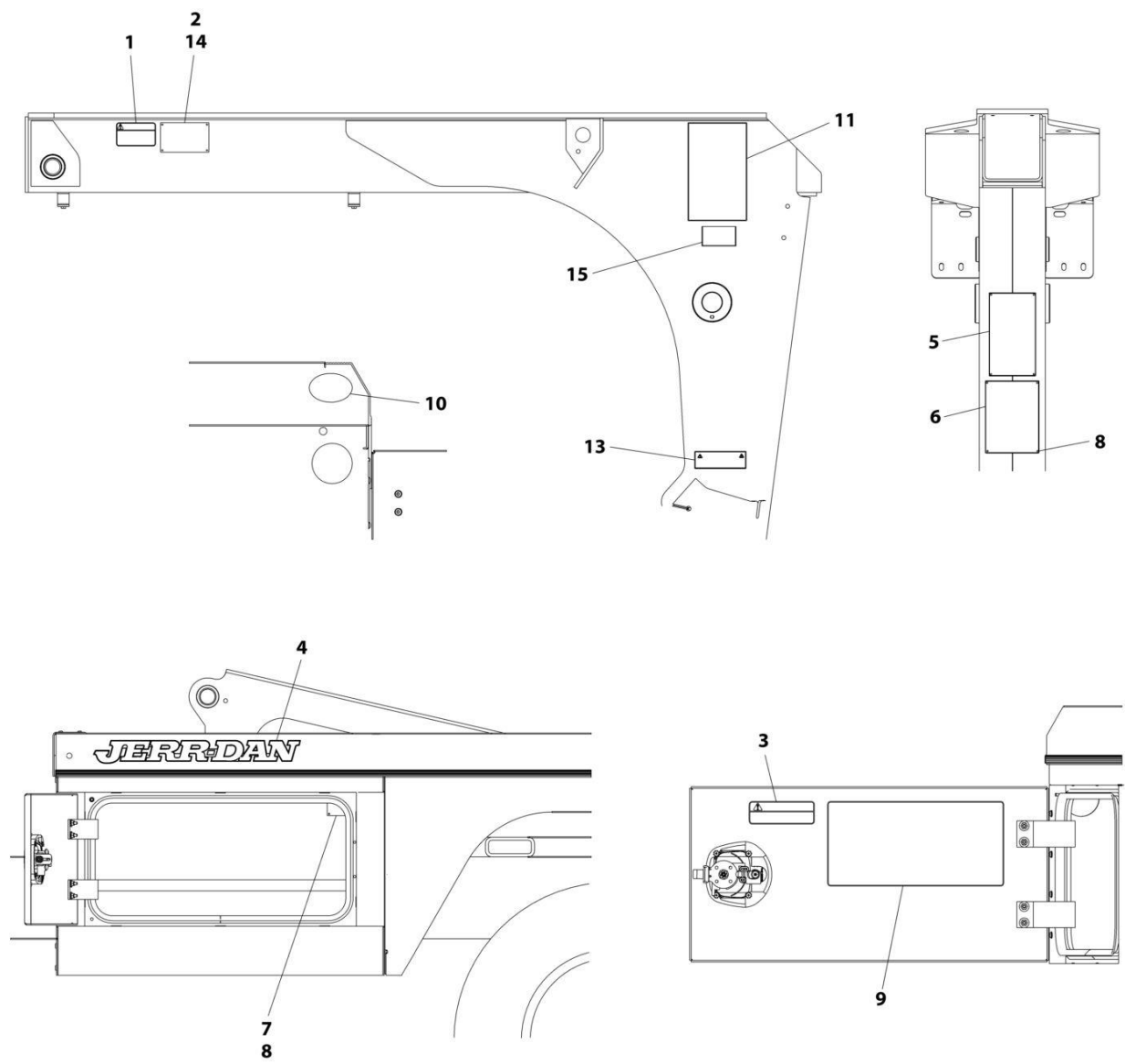
FIGURE 7-63. UNDERLIFT ELECTRICAL CONTROLS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2509170076	Ref	UNDERLIFT ELECTRICAL CONTROLS INSTALLATION	D
1	4178000709	1	Bracket	
2	4178000707	1	Bracket	
3	7870000126	2	Switch	
4	7346000261	1	Electrical Relay	
5	7552000367	1	Harness	
6	7552000368	1	Harness	
7	7114100618	2	Capscrew #10 x 3/4	
8	7114100818	2	Capscrew #10 x 1	
9	7114100518	4	Bolt #10 x 5/8	
10	7950100003	4	Washer 3/16	
11	7950100103	8	Washer #10	
12	7950100163	8	Washer #10	
13	7661000056	2	Nut	
14	7660102604	4	Nut #10	
15	7894000042	4	Tie-Strap (Not Shown)	
16	5526000553	10	Tie-Strap (Not Shown)	

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FIGURE 8-1. DECAL INSTALLATION



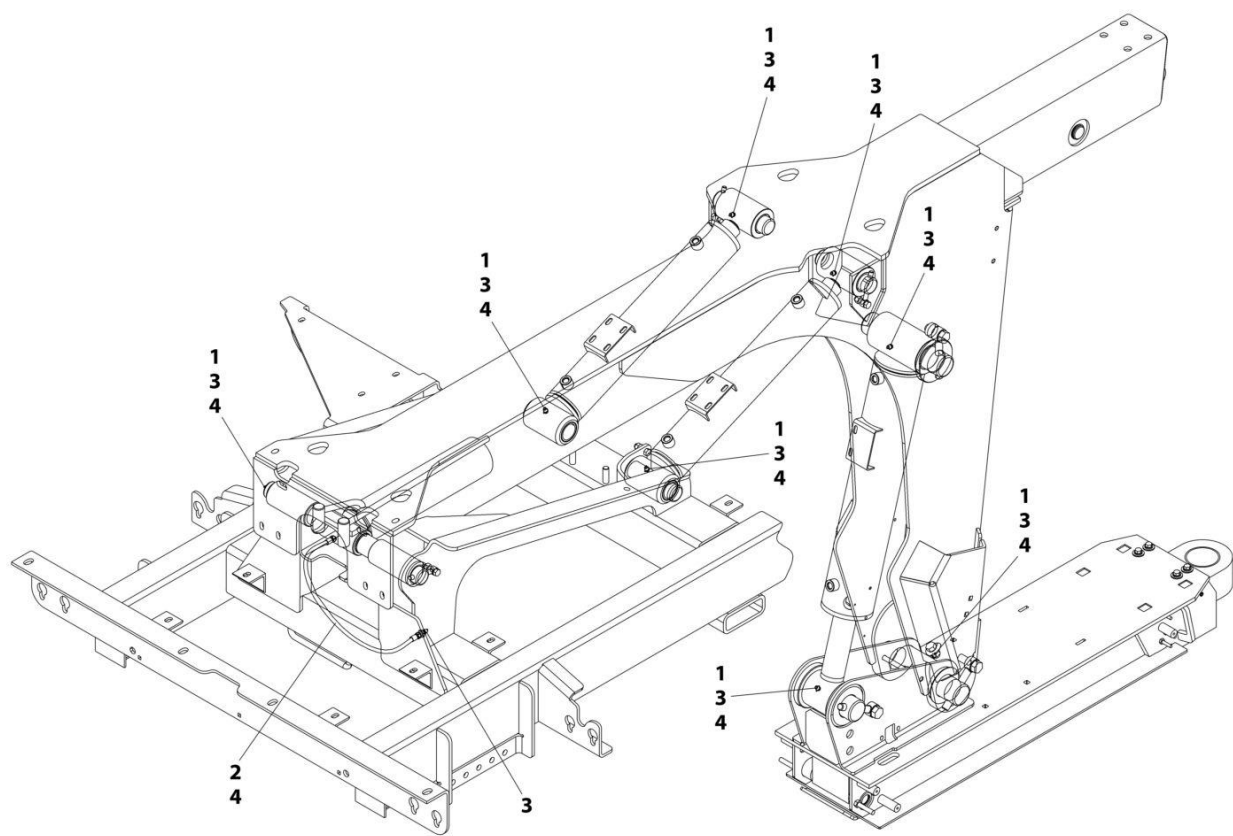
ART_2509290058

FIGURE 8-1. DECAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2509290058	Ref	DECAL INSTALLATION	D
1	7330000546	1	Decal, Winch Cable Warning	
2	1001132346	1	Decal, Patent Placard	
3	7330000034	1	Decal, Caution	
4	7330000433	2	Decal, "JERR-DAN"	
5	See Note	NSS	Nameplate - Manufacturers SN (Note: Not Available for Purchase)	
6	7330000307	1	Decal, STAR Placard	
7	1001127220	1	Decal, ID Tag	
8	7759000004	12	Pop Rivet	
9	1001207921	1	Decal, Lubrication	
10	7330000143	1	Decal, Made in the USA	
11	7330000138	1	Decal, Checklist	
12	7330000139	1	Decal, Checklist	
13	7330000122	2	Decal, Warning	
14	4892000007	2	Tape	
15	1001231801	2	Decal, Warning	

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FIGURE 8-2. LUBRICATION DECALS AND CAPS INSTALLATION



ART_1001209026

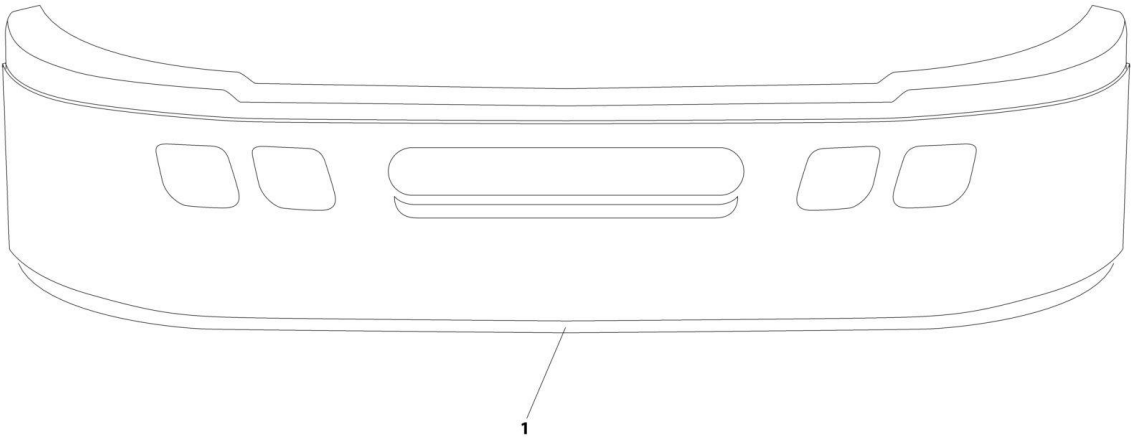
FIGURE 8-2. LUBRICATION DECALS AND CAPS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209026	Ref	LUBRICATION DECALS AND CAPS INSTALLATION	A
1	88671008	8	Grease Fitting	
2	1001205239	1	Hose Assembly	
3	7253000002	9	Fitting, Cap	
4	3020029	AR	Lube Grease	
5	1001209218	1	Decal (Not Shown)	
6	1001207921	1	Decal (Not Shown)	

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FIGURE 9-1. BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (CV515 4X2)



ART_1001256227

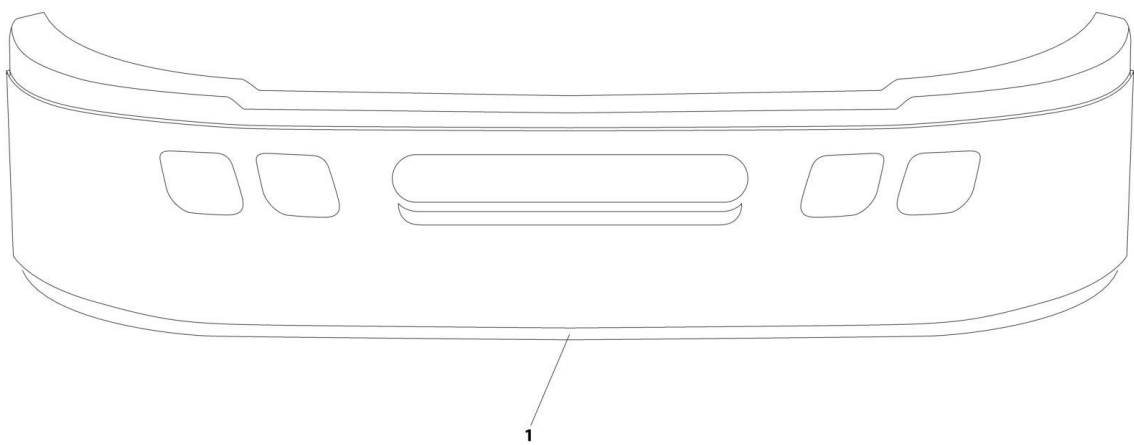
SECTION 9 - ACCESSORIES

FIGURE 9-1. BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (CV515 4X2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256227	Ref	BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (CV515 4X2)	A
1	1001256220	1	Bumper	

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FIGURE 9-2. BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (CV515 4X4)



ART_1001256228

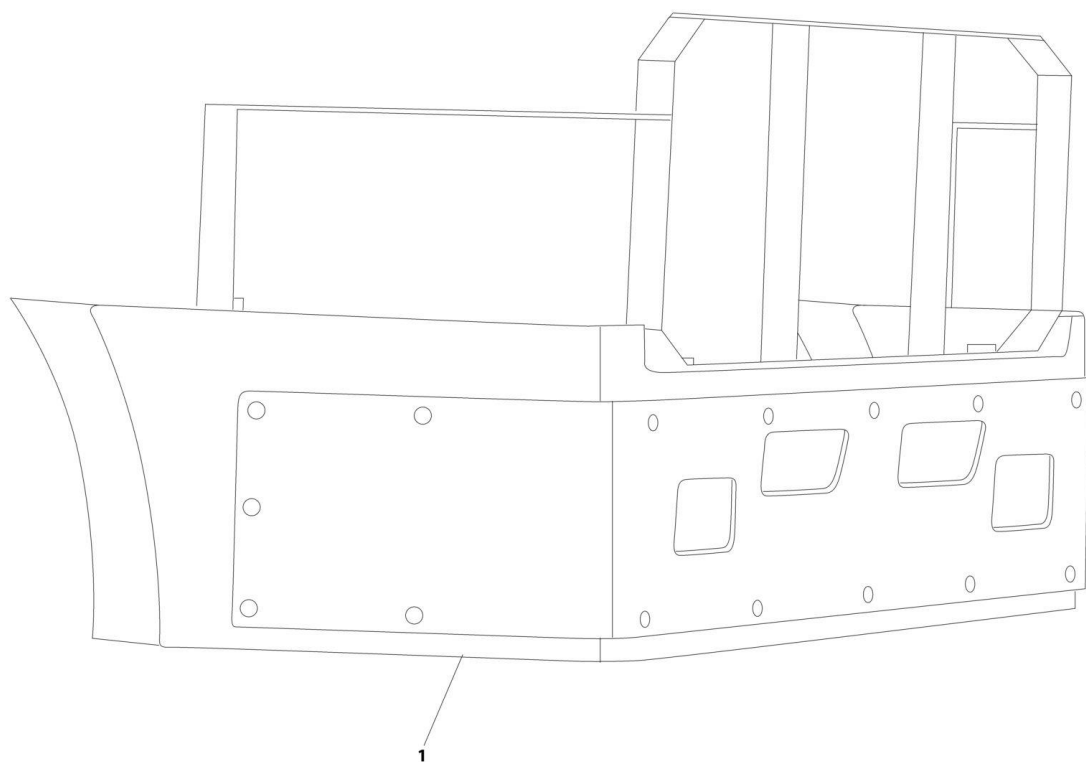
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FIGURE 9-2. BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (CV515 4X4)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256228	Ref	BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (CV515 4X4)	A
1	1001256221	1	Bumper	

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FIGURE 9-3. BUMPER INSTALLATION - PUSH (FRONT) (WITH GRILLE GUARD (DODGE 2011+))



ART_1001154361

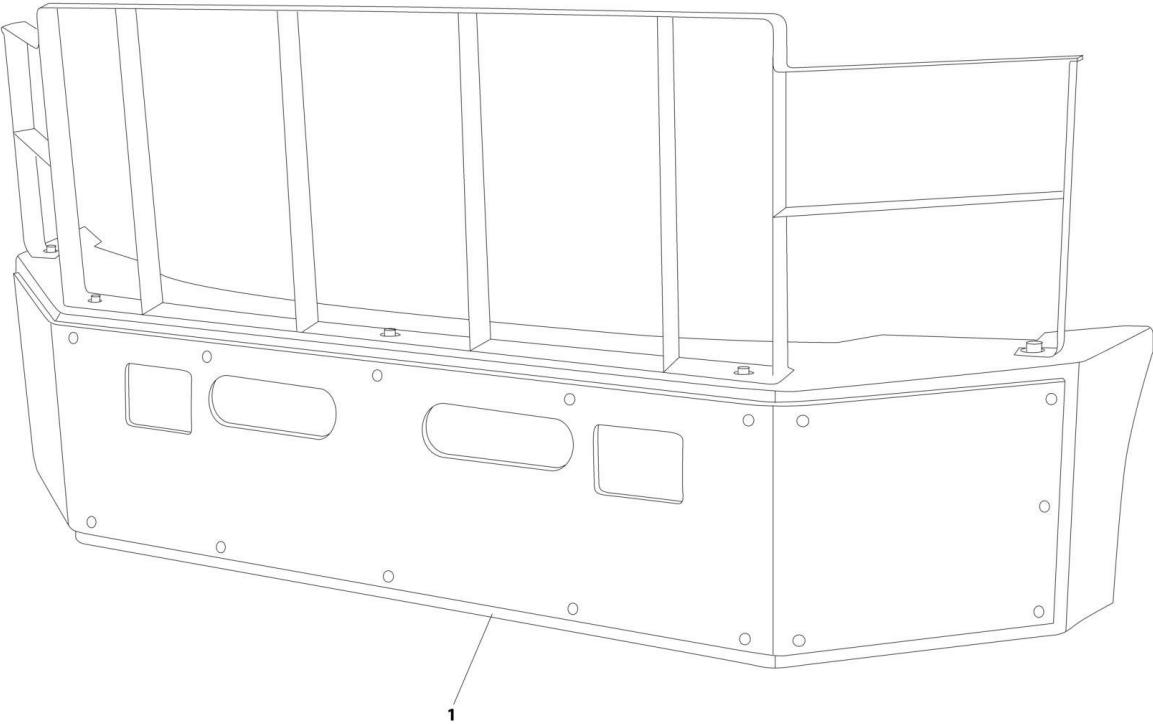
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FIGURE 9-3. BUMPER INSTALLATION - PUSH (FRONT) (WITH GRILLE GUARD (DODGE 2011+))

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001154361	Ref	BUMPER INSTALLATION - PUSH (FRONT) (WITH GRILLE GUARD (DODGE 2011+))	A
1	1001154382	1	Bumper	

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FIGURE 9-4. BUMPER INSTALLATION - PUSH (FRONT) (WITH GRILLE GUARD) (FORD 2011-2016)



ART_1001123179

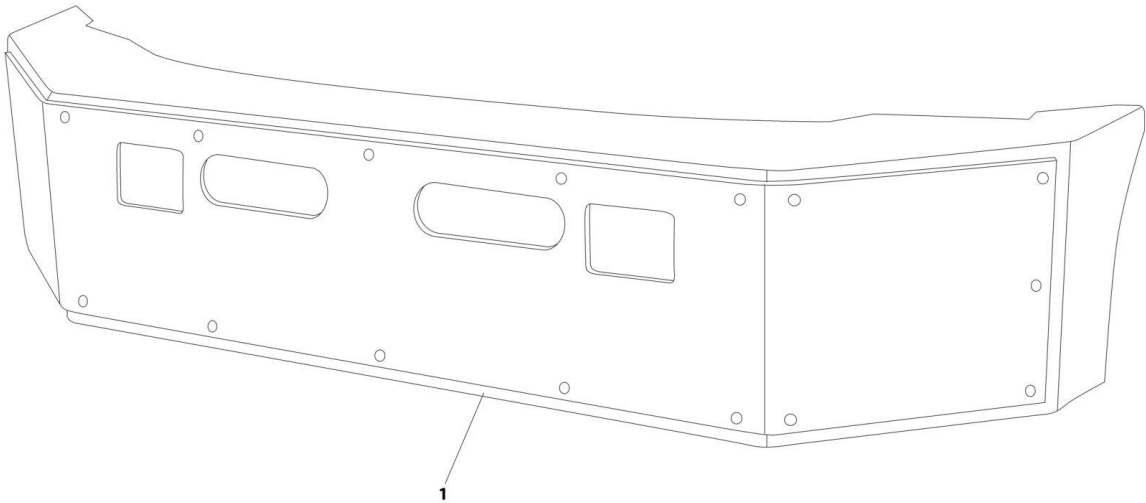
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FIGURE 9-4. BUMPER INSTALLATION - PUSH (FRONT) (WITH GRILLE GUARD) (FORD 2011-2016)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001123179	Ref	BUMPER INSTALLATION - PUSH (FRONT) (WITH GRILLE GUARD) (FORD 2011-2016)	B
1	7190000066	1	Bumper	

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FIGURE 9-5. BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (FORD 2011-2016)



ART_1001134181

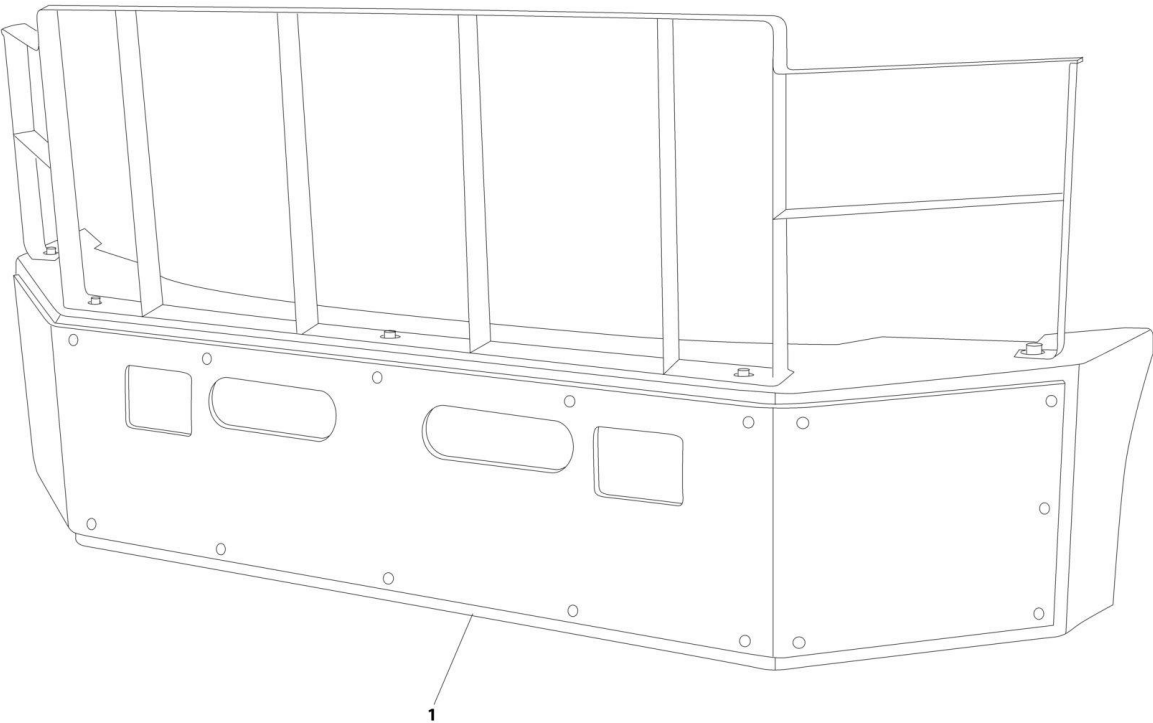
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FIGURE 9-5. BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (FORD 2011-2016)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001134181	Ref	BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (FORD 2011-2016)	B
1	1001134178	1	Bumper	

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FIGURE 9-6. BUMPER INSTALLATION - PUSH (FRONT) (WITH GRILLE GUARD) (FORD 2017+)



ART_1001221467

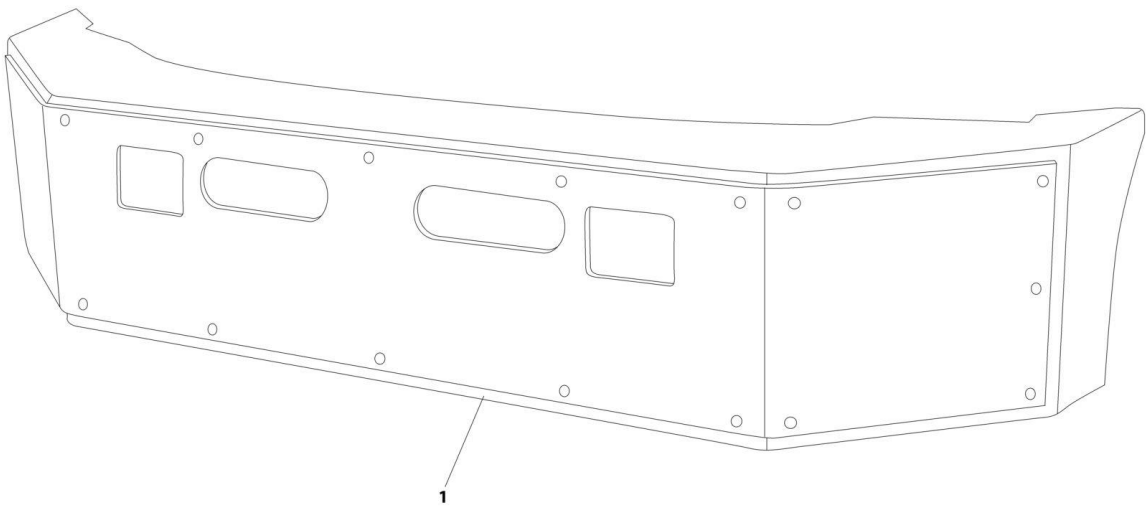
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FIGURE 9-6. BUMPER INSTALLATION - PUSH (FRONT) (WITH GRILLE GUARD) (FORD 2017+)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221467	Ref	BUMPER INSTALLATION - PUSH (FRONT) (WITH GRILLE GUARD) (FORD 2017+)	A
1	1001226915	1	Bumper	

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FIGURE 9-7. BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (FORD 2017+)



ART_1001221466

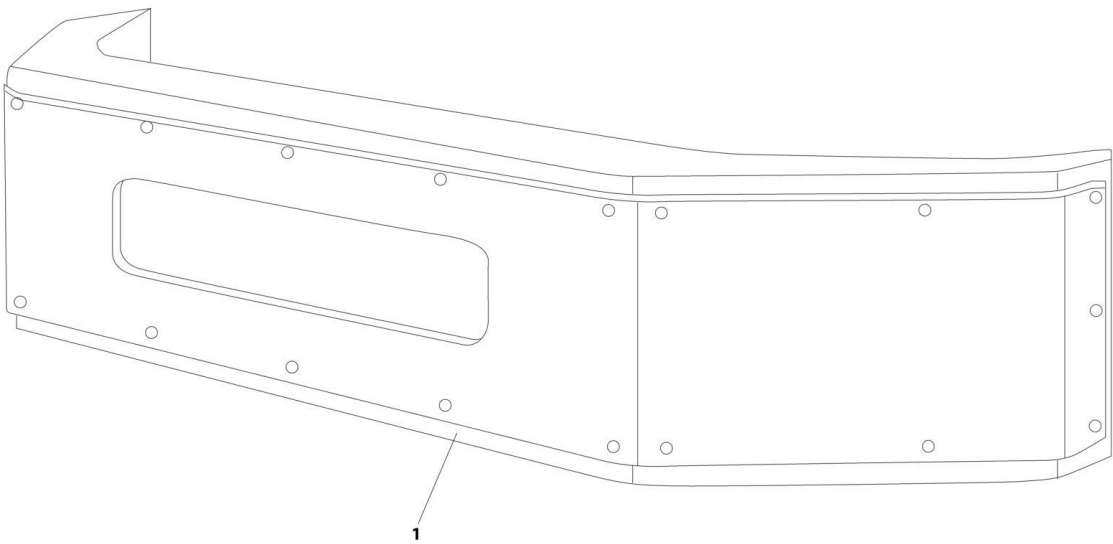
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FIGURE 9-7. BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (FORD 2017+)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221466	Ref	BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (FORD 2017+)	A
1	1001226914	1	Bumper	

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FIGURE 9-8. BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (FREIGHTLINER 2008+)



ART_1001146879

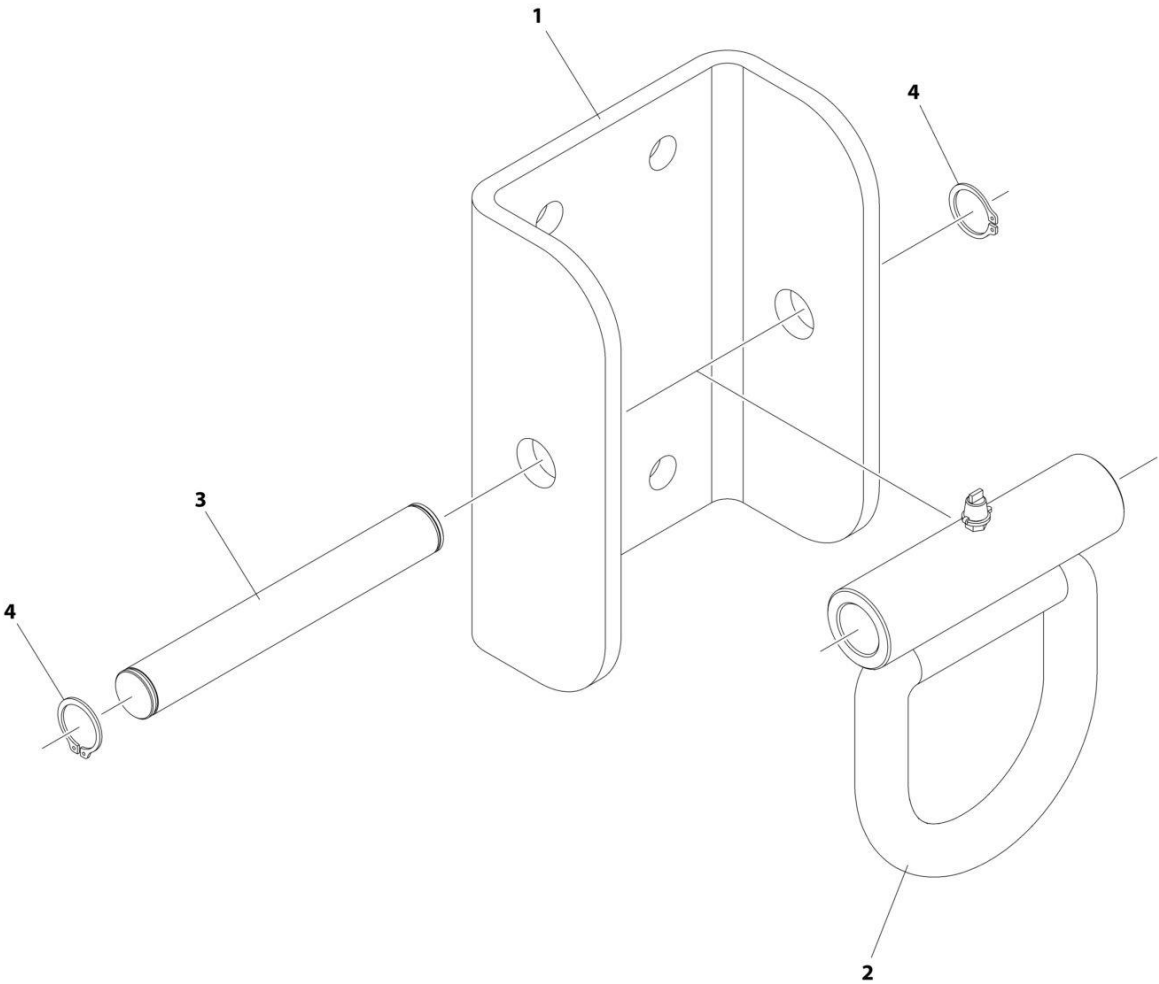
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FIGURE 9-8. BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (FREIGHTLINER 2008+)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146879	Ref	BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (FREIGHTLINER 2008+)	A
1	1001146878	1	Bumper	

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



ART_275400007

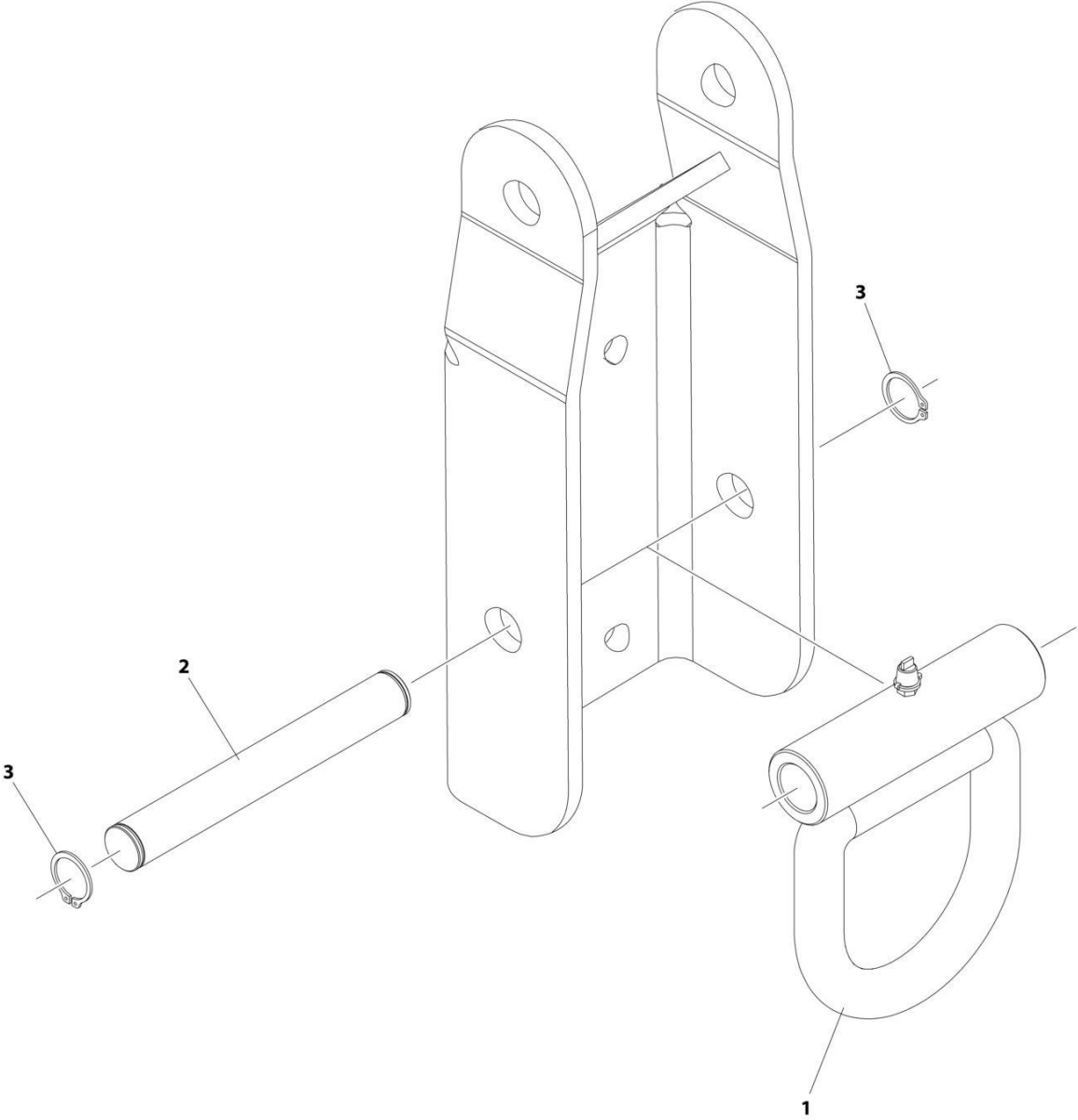
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FIGURE 9-9. D-RING INSTALLATION - NO TOW SLING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2754000007	Ref	D-RING INSTALLATION - NO TOW SLING	0
1	4263000705	2	Channel	
2	3754000004	2	Ring	
3	4691000541	2	Pin	
4	7754000022	4	Ring, Retaining	

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FIGURE 9-10. D-RING INSTALLATION - WITH TOW SLING



ART_275400008

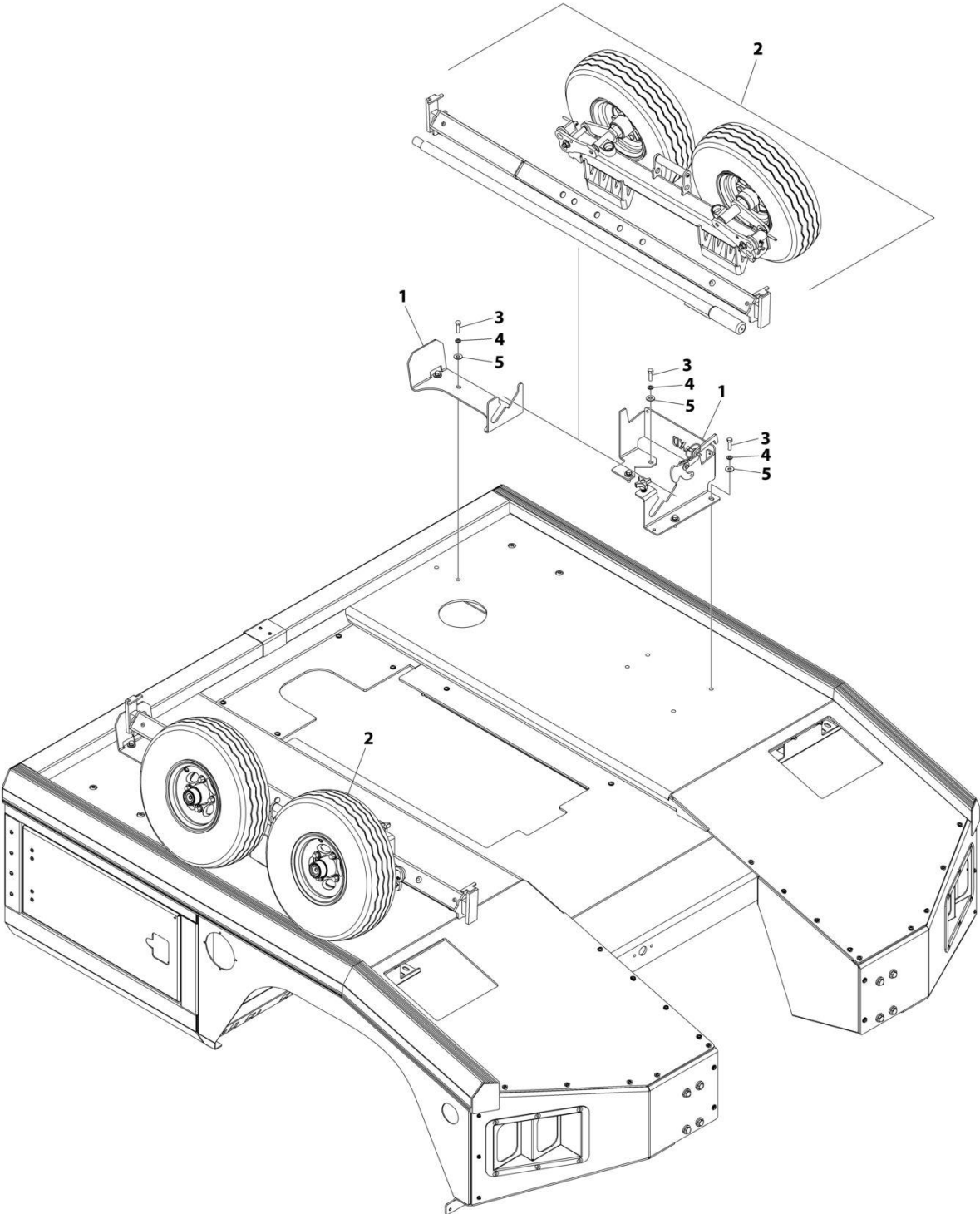
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FIGURE 9-10. D-RING INSTALLATION - WITH TOW SLING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2754000008	Ref	D-RING INSTALLATION - WITH TOW SLING	0
1	3754000004	2	Ring	
2	4691000541	2	Pin	
3	7754000022	4	Ring, Retaining	

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FIGURE 9-11. DOLLIES INSTALLATION (SN 0230004217 through 0230007747)



ART_1001223284

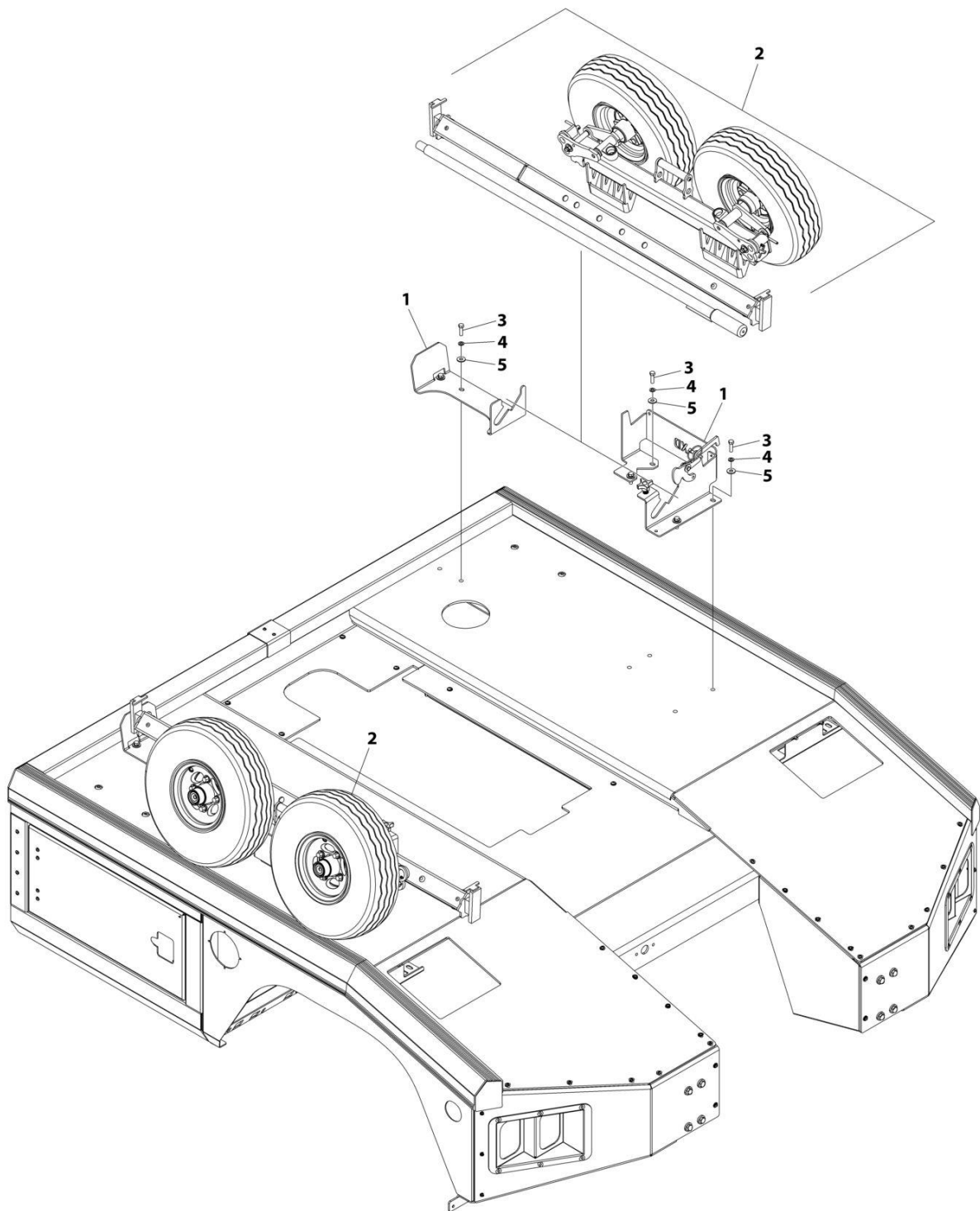
SECTION 9 - ACCESSORIES

FIGURE 9-11. DOLLIES INSTALLATION (SN 0230004217 through 0230007747)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223284	Ref	DOLLIES INSTALLATION	B
1	1001223286	1	Tow Dolly Mount	
2	1001223285	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 9-12. DOLLIES INSTALLATION (SN 0230007748 to Present)



ART_1001258797

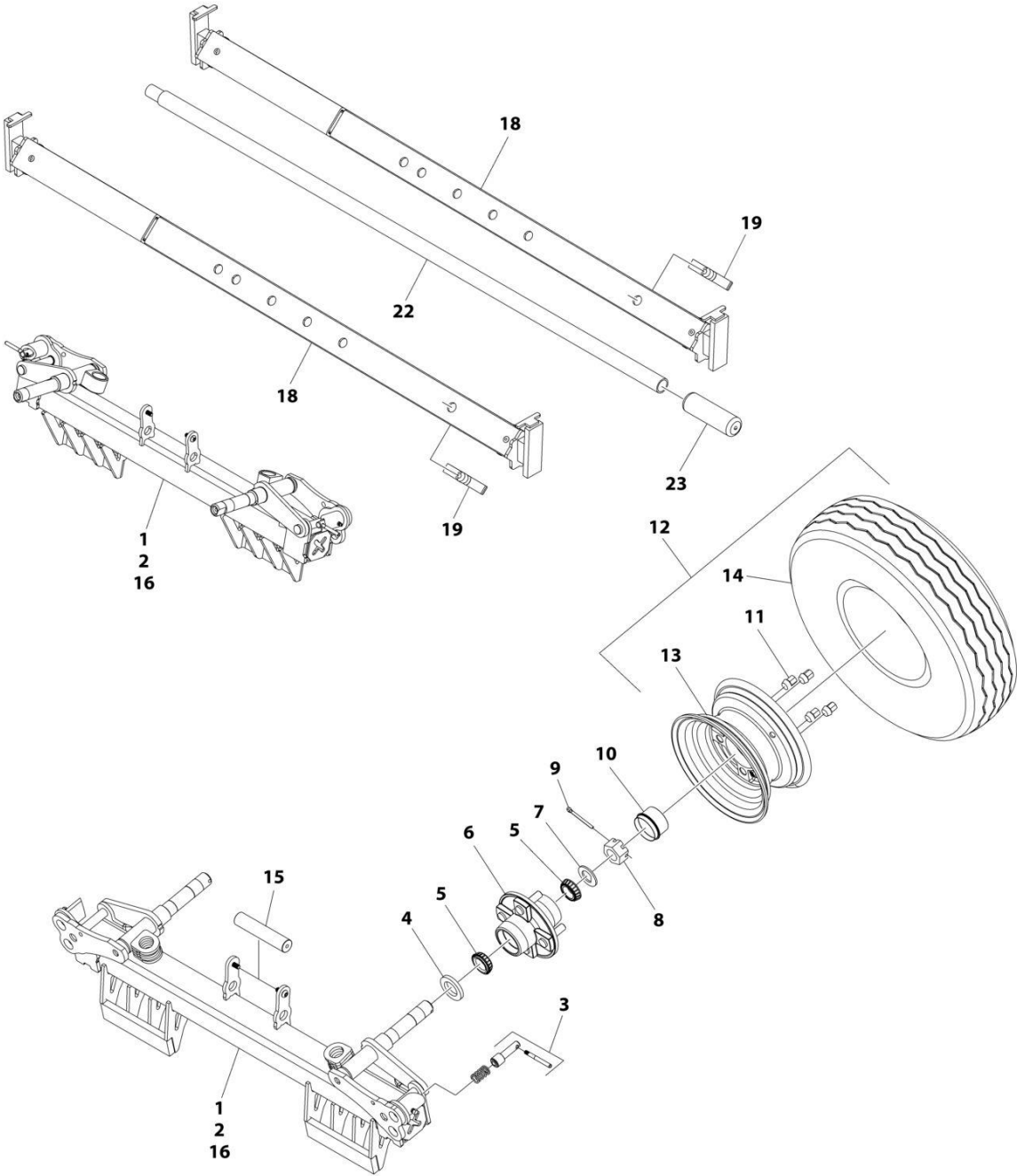
SECTION 9 - ACCESSORIES

FIGURE 9-12. DOLLIES INSTALLATION (SN 0230007748 to Present)

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	

SECTION 9 - ACCESSORIES

FIGURE 9-13. DOLLIES ASSEMBLY (SN 0230004217 through 0230007747)



ART_1001223285

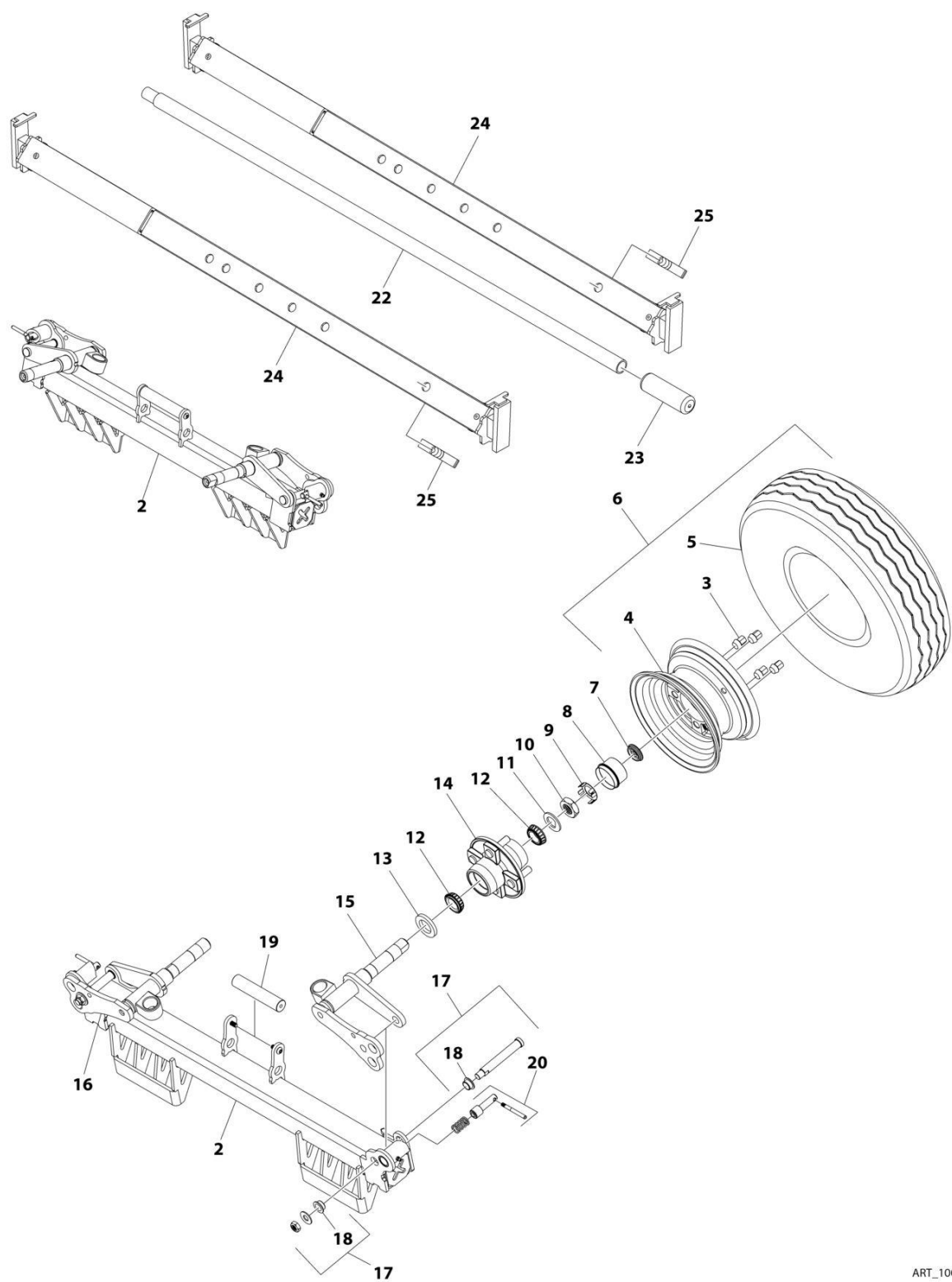
SECTION 9 - ACCESSORIES

FIGURE 9-13. DOLLIES ASSEMBLY (SN 0230004217 through 0230007747)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223285	Ref	DOLLIES ASSEMBLY	B
1	70051636	1	Frame with Hubs and Spindles	
2	70051635	1	Frame Complete	
3	70051650	4	Cam Lock	
4	70051638	4	Seal	
5	70051639	8	Bearing	
6	70051940	4	Hub Only	
7	70051641	4	Washer	
8	70051642	4	Nut Jam	
9	70051643	4	Pin, Cotter	
10	76051644	2	Cap, Dust	
11	70051645	16	Lug Nut	
12	70051646	4	Tire and Wheel Assembly (Includes Items 13&14)	
13	70051647	4	Rim	
14	70051648	4	Tire 5.7x8	
15	70051649	2	Handle, Dolly	
16	70051637	2	Frame Only (No Hubs or Tires)	
17	70051651	1	Strap, Ratchet (Not Shown)	
18	70051652	2	Axle, Telescope	
19	70051653	2	Button, Snap	
22	NPN	1	Bar, Brake	
23	NPN	1	Grip	

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FIGURE 9-14. DOLLIES ASSEMBLY (SN 0230007748 to Present)



ART_1001258796

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FIGURE 9-14. DOLLIES ASSEMBLY (SN 0230007748 to Present)

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)	

SECTION 9 - ACCESSORIES

FIGURE 9-15. FIRE EXTINGUISHER



ART_2002000028

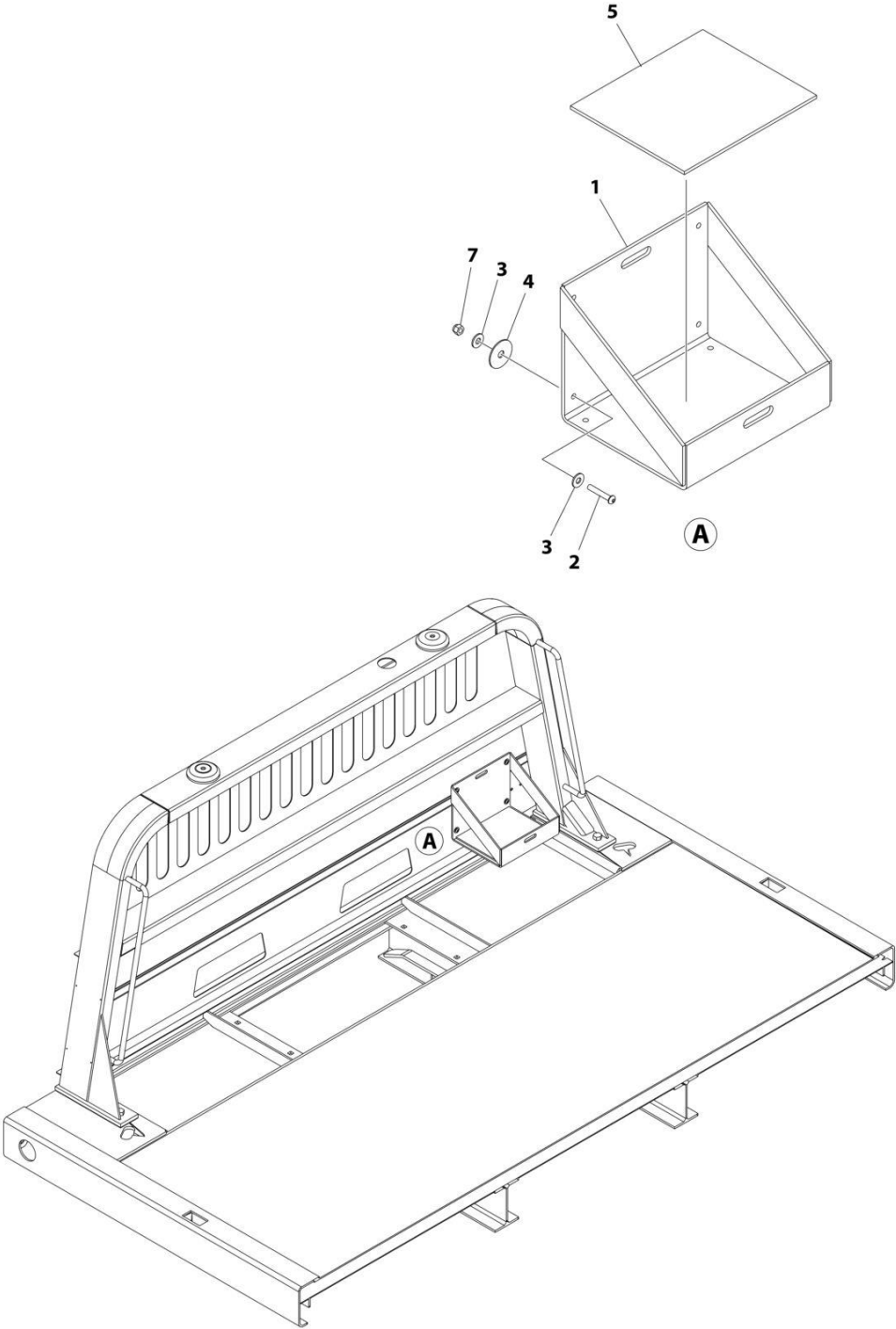
SECTION 9 - ACCESSORIES

FIGURE 9-15. FIRE EXTINGUISHER

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

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FIGURE 9-16. FUEL CAN STORAGE TRAY INSTALLATION



ART_1001211866

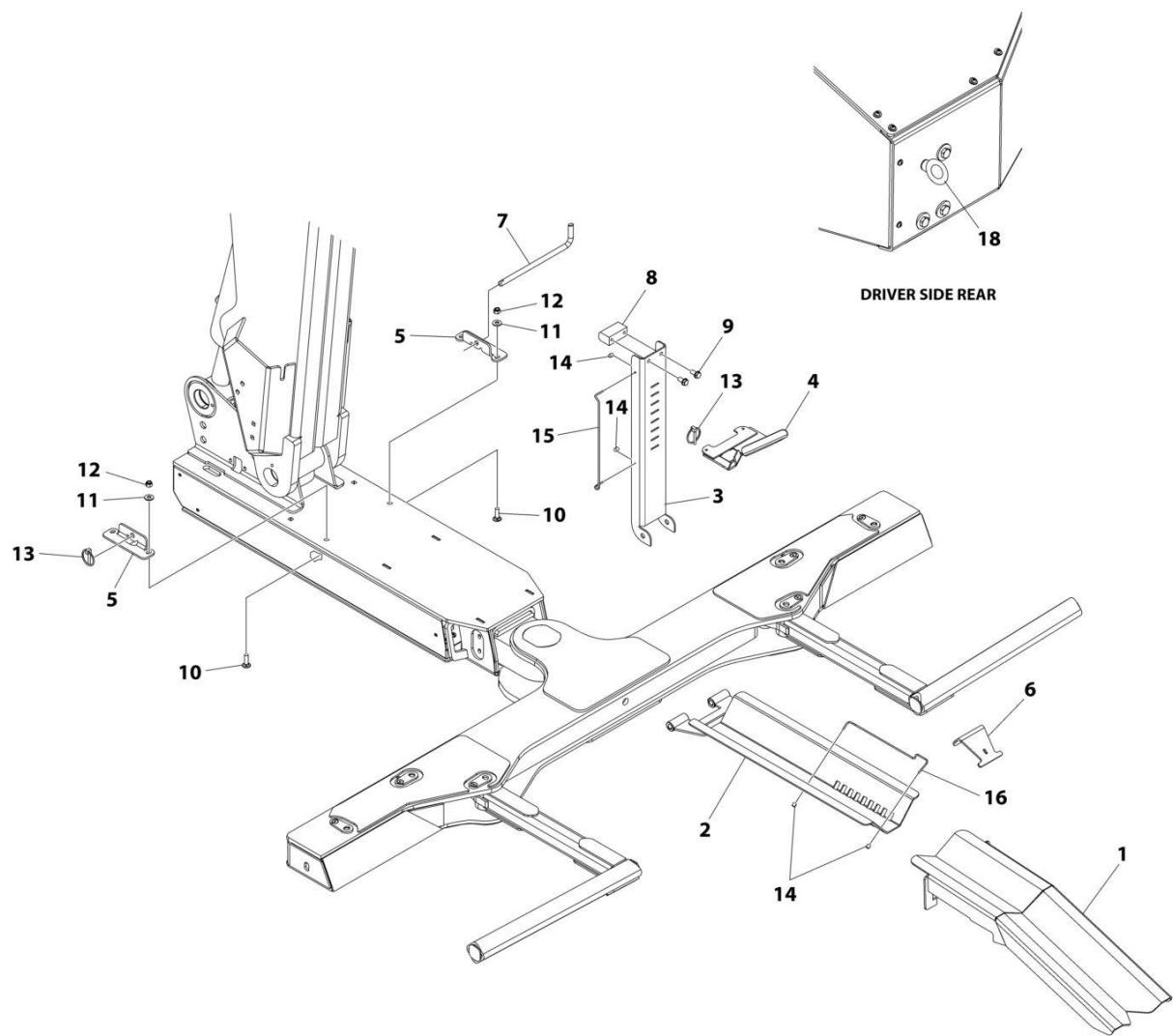
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FIGURE 9-16. FUEL CAN STORAGE TRAY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211866	Ref	FUEL CAN STORAGE TRAY INSTALLATION	A
1	3178000471	1	Bracket	
2	7114141218	4	Capscrew 1/4 x 1-1/2	
3	7950140153	8	Washer 1/4	
4	7949000055	4	Washer	
5	4679000274	1	Pad	
6	7894000063	1	Tie-Strap (Not Shown)	
7	7660142604	4	Nut 1/4	

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FIGURE 9-17. MOTORCYCLE TOW ADAPTER INSTALLATION



ART_2178000036

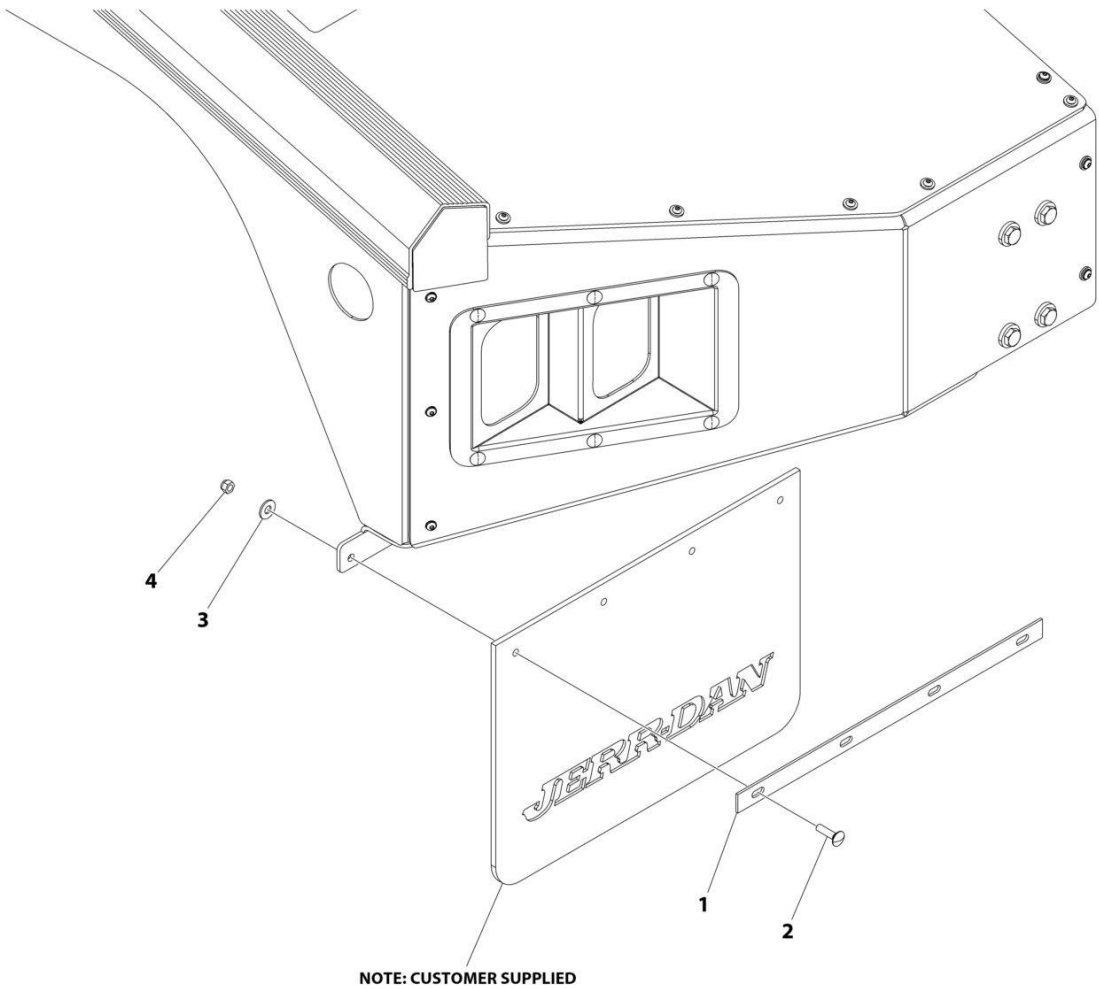
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FIGURE 9-17. MOTORCYCLE TOW ADAPTER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2178000036	Ref	MOTORCYCLE TOW ADAPTER INSTALLATION	B
1	3178000470	1	Bracket	
2	3178000468	1	Bracket	
3	4263000710	1	Channel	
4	3178000469	1	Bracket	
5	4178000636	2	Bracket	
6	4178000639	1	Bracket	
7	4691000547	1	Pin	
8	4679000275	1	Pad	
9	7790161253	2	Screw 3/8 x 3/4	
10	7115161064	4	Bolt 3/8 x 1-1/4	
11	7950150161	4	Washer 3/9	
12	7660162601	4	Nut 3/8	
13	7691000047	2	Pin	
14	7819000012	4	Sleeve	
15	4248000002	1	Wire Rope	
16	4248000003	1	Wire Rope	
17	7577000375	1	Tiedown Kit (Not Shown)	
18	7120000052	2	Eye Bolt	

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FIGURE 9-18. MUDFLAPS INSTALLATION (CUSTOMER SUPPLIED)



ART_1001139332

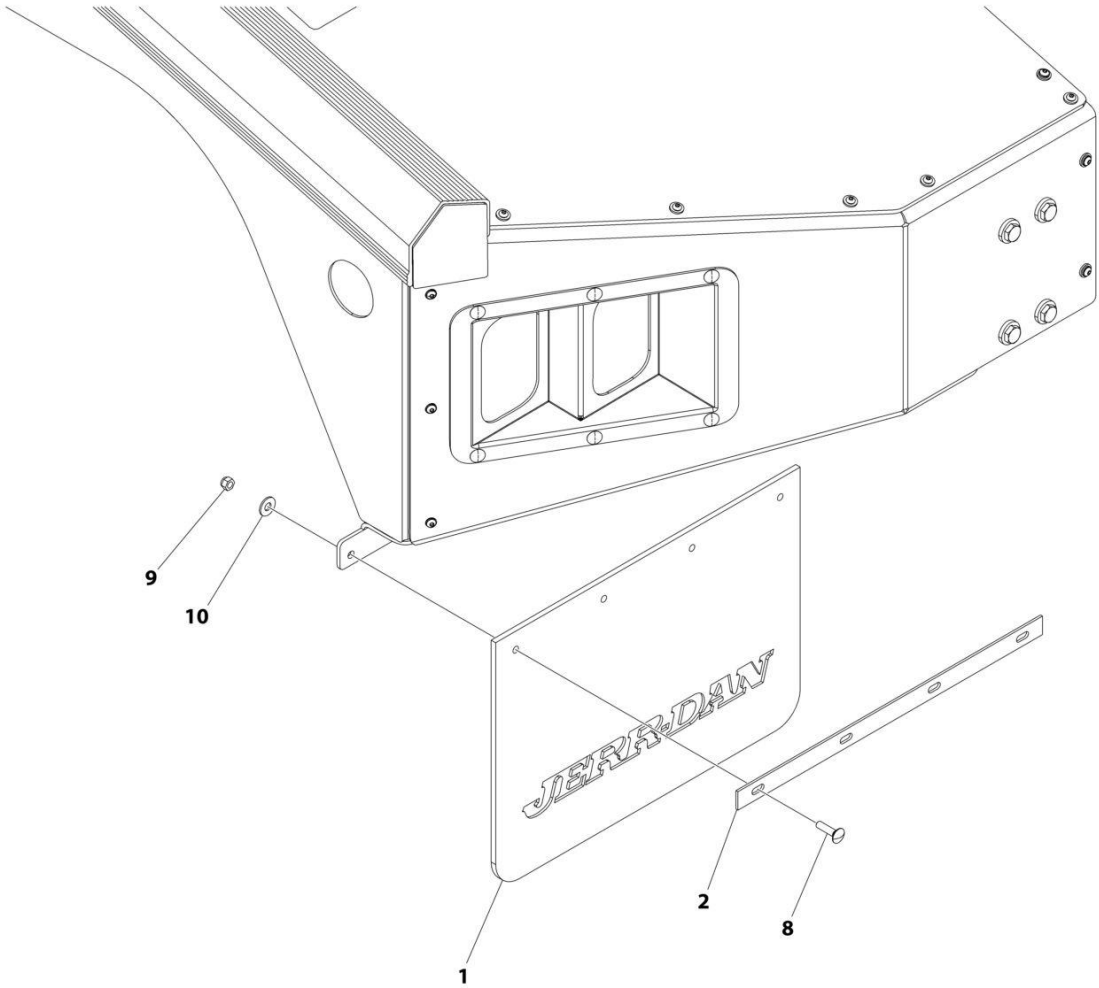
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FIGURE 9-18. MUDDLAPS INSTALLATION (CUSTOMER SUPPLIED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139332	Ref	MUDDLAPS INSTALLATION (CUSTOMER SUPPLIED)	A
1	4706001123	2	Plate	
2	7111150864	8	Bolt 5/16 x 1	
3	7950150161	8	Washer 5/16	
4	7660152601	8	Nut 5/16	

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FIGURE 9-19. MUDDLAPS INSTALLATION (FACTORY SUPPLIED)



ART_2638000006

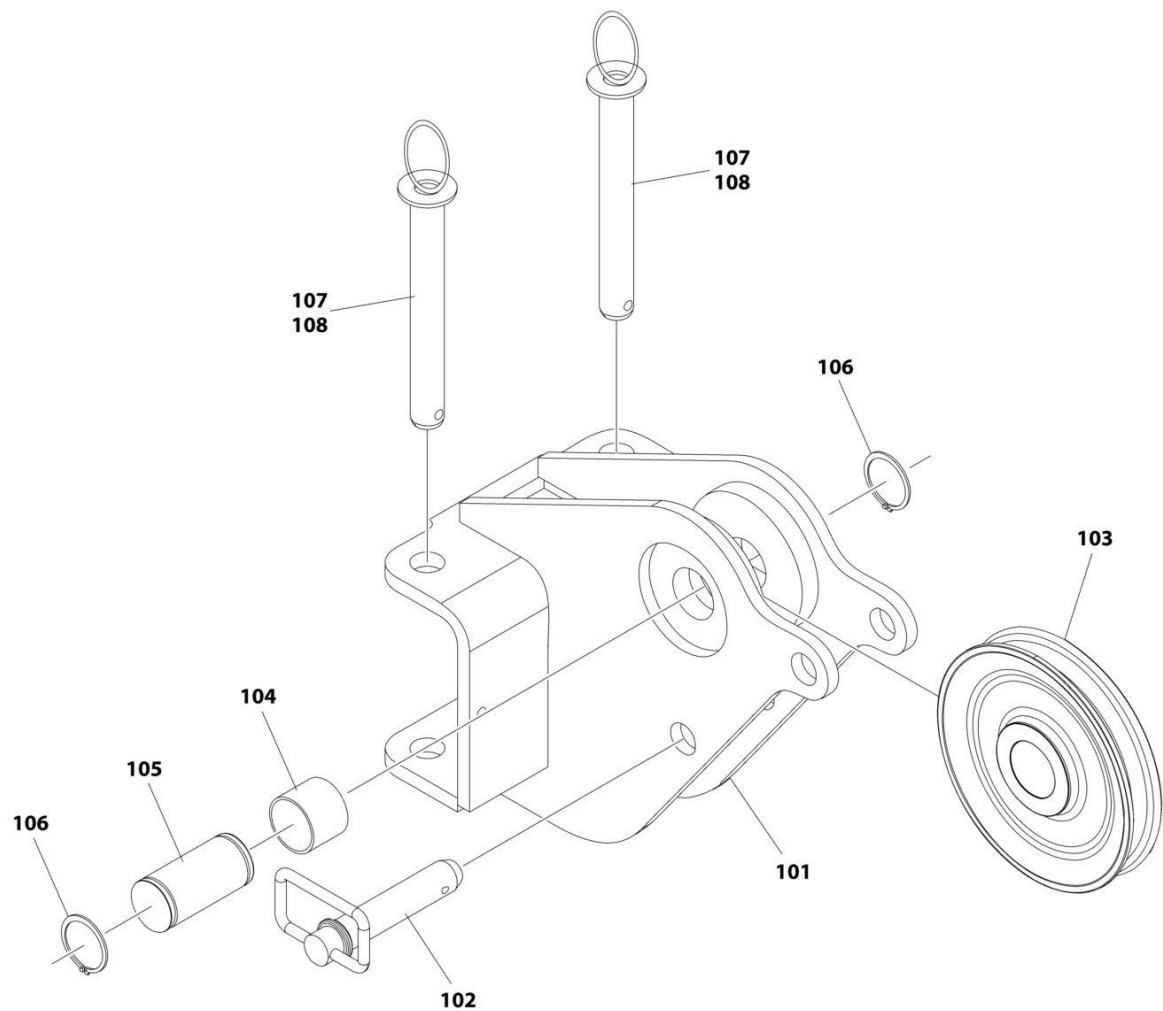
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FIGURE 9-19. MUDDLAPS INSTALLATION (FACTORY SUPPLIED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2638000006	Ref	MUDDLAPS INSTALLATION (FACTORY SUPPLIED)	C
1	7638000003	2	Mud Flap	
2	4706001123	2	Plate	
8	7115151064	8	Bolt 5/16 x 1-1/4	
9	7660152601	8	Nut 5/16	
10	7950150161	8	Washer 5/16	

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FIGURE 9-20. RECOVERY SHEAVE INSTALLATION (LOW ANGLE)



ART_2509610119

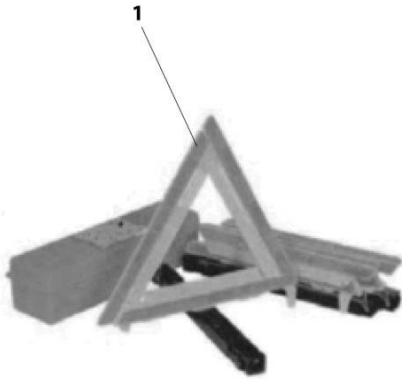
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FIGURE 9-20. RECOVERY SHEAVE INSTALLATION (LOW ANGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2509610119	Ref	RECOVERY SHEAVE INSTALLATION (LOW ANGLE)	A
1	3249000041	Ref	Sheave Assembly (Not Shown) (Includes Items 101-108)	
6	7330000725	1	Decal - Caution Lock-Out Valve (Not Shown)	
	3249000041	Ref	SHEAVE ASSEMBLY	B
101	3249000040	1	Sheave Weldment	
102	7691000053	1	Pin	
103	7809000013	1	Sheave	
104	7082000032	1	Bearing	
105	4691000572	1	Pin	
106	7754000006	2	Retaining Ring	
107	3691000195	2	Pin	
108	7691000027	2	Pin	

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FIGURE 9-21. SAFETY TRIANGLE KIT



ART_STK

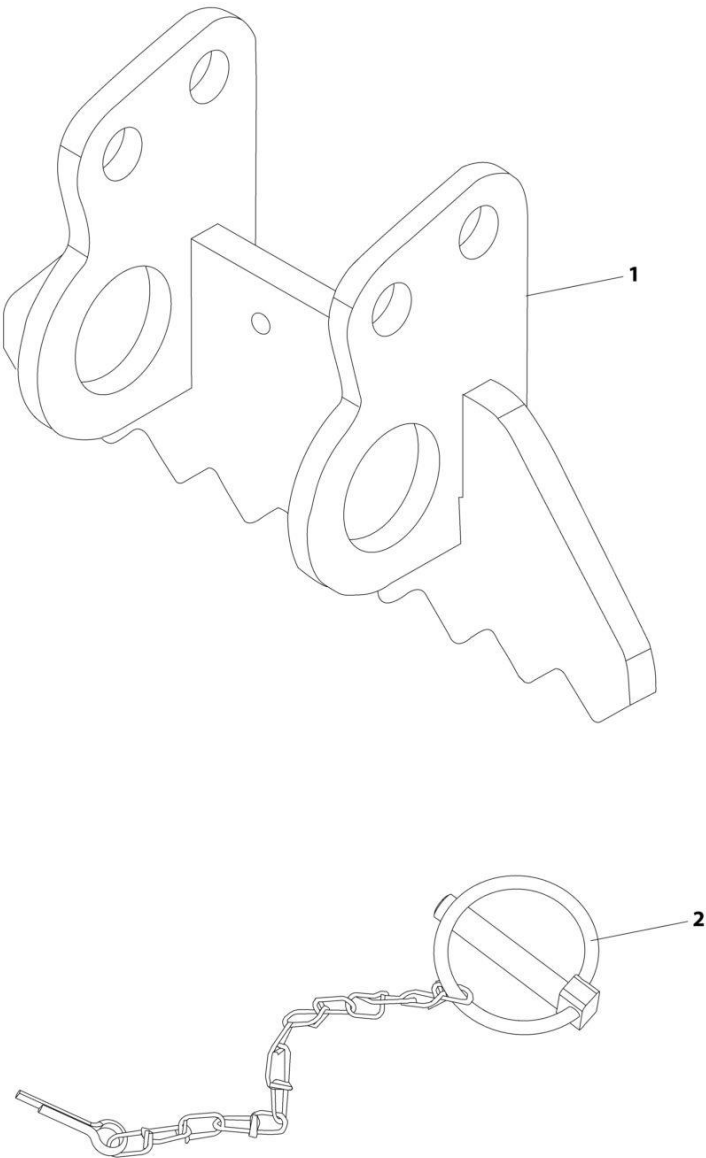
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FIGURE 9-21. SAFETY TRIANGLE KIT

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

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FIGURE 9-22. SPADE FOOT ATTACHMENT



ART_2577000038

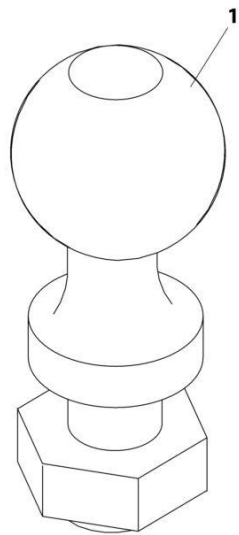
SECTION 9 - ACCESSORIES

FIGURE 9-22. SPADE FOOT ATTACHMENT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2577000038	Ref	SPADE FOOT ATTACHMENT	0
1	3706000380	1	Plate	
2	7691000027	2	Pin	

SECTION 9 - ACCESSORIES

FIGURE 9-23. TOW BALL - 1-7/8IN



ART_TB178

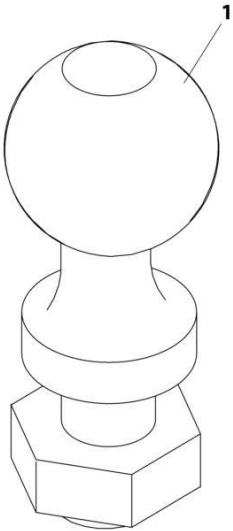
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FIGURE 9-23. TOW BALL - 1-7/8IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	TB178 7056000007	Ref 1	TRAILER BALL - 1.88IN DIA BALL Ball	0

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FIGURE 9-24. TOW BALL - 2IN



ART_TB200

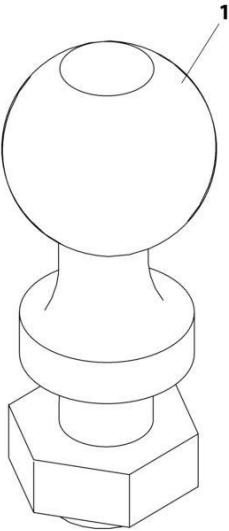
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FIGURE 9-24. TOW BALL - 2IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	TB200 7056000008	Ref 1	TRAILER BALL - 2IN DIA BALL Ball	0

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FIGURE 9-25. TOW BALL - 2-5/16IN



ART_TB256

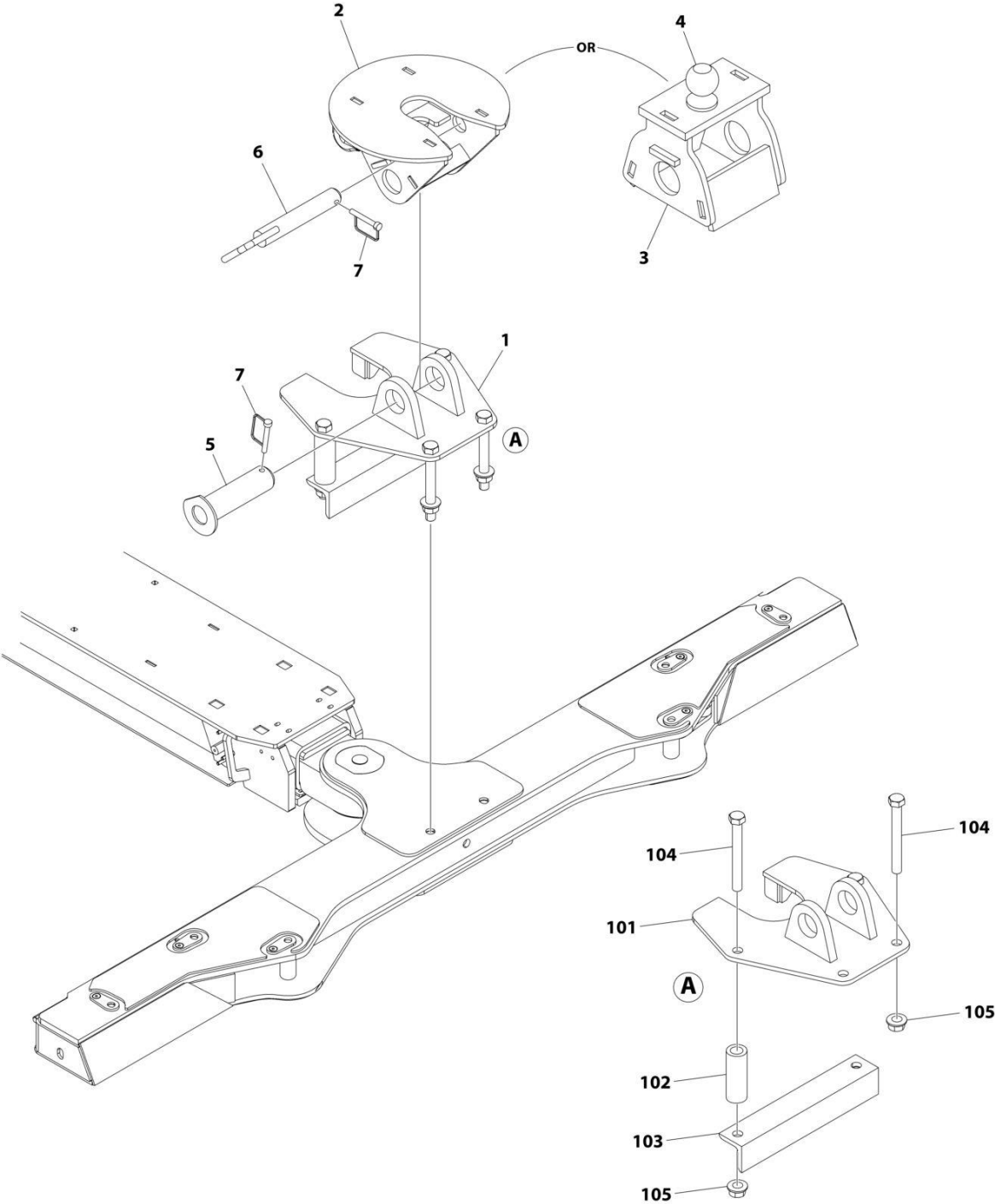
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FIGURE 9-25. TOW BALL - 2-5/16IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	TB256 7056000009	Ref 1	TRAILER BALL - 2-5/16IN DIA BALL Ball	0

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FIGURE 9-26. TOW BALL INSTALLATION – FIFTH WHEEL/GOOSENECK COMBINATION



ART_2556000012

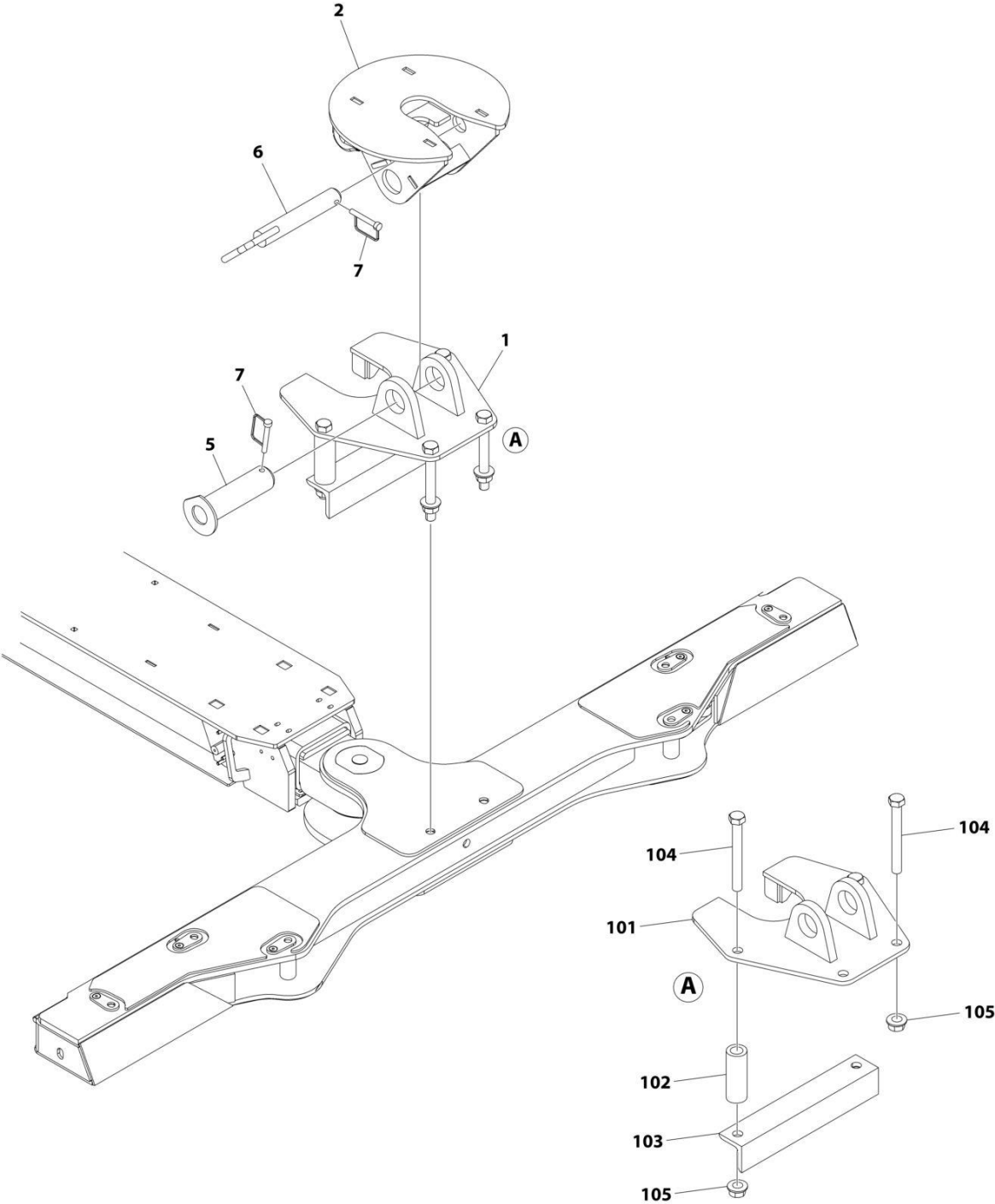
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FIGURE 9-26. TOW BALL INSTALLATION – FIFTH WHEEL/GOOSENECK COMBINATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2556000012	Ref	TOW BALL INSTALLATION - FIFTH WHEEL/GOOSENECK COMBINATION	0
1	2178000065	Ref	Bracket Installation (Includes Items 101-105)	
2	3178000562	1	Bracket	
3	3178000560	1	Bracket	
4	7056000011	1	Ball, Chrome	
5	3691000144	1	Pin	
6	3691000145	1	Pin	
7	7691000025	2	Pin	
	2178000065	Ref	BRACKET INSTALLATION	0
101	3178000543	1	Bracket	
102	4912000432	2	Tube	
103	4017001612	1	Angle	
104	7118225250	4	Bolt 3/4 x 6-1/2	
105	7661000069	4	Nut 3/4	

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FIGURE 9-27. TOW BALL INSTALLATION - FIFTH WHEEL



ART_2556000013

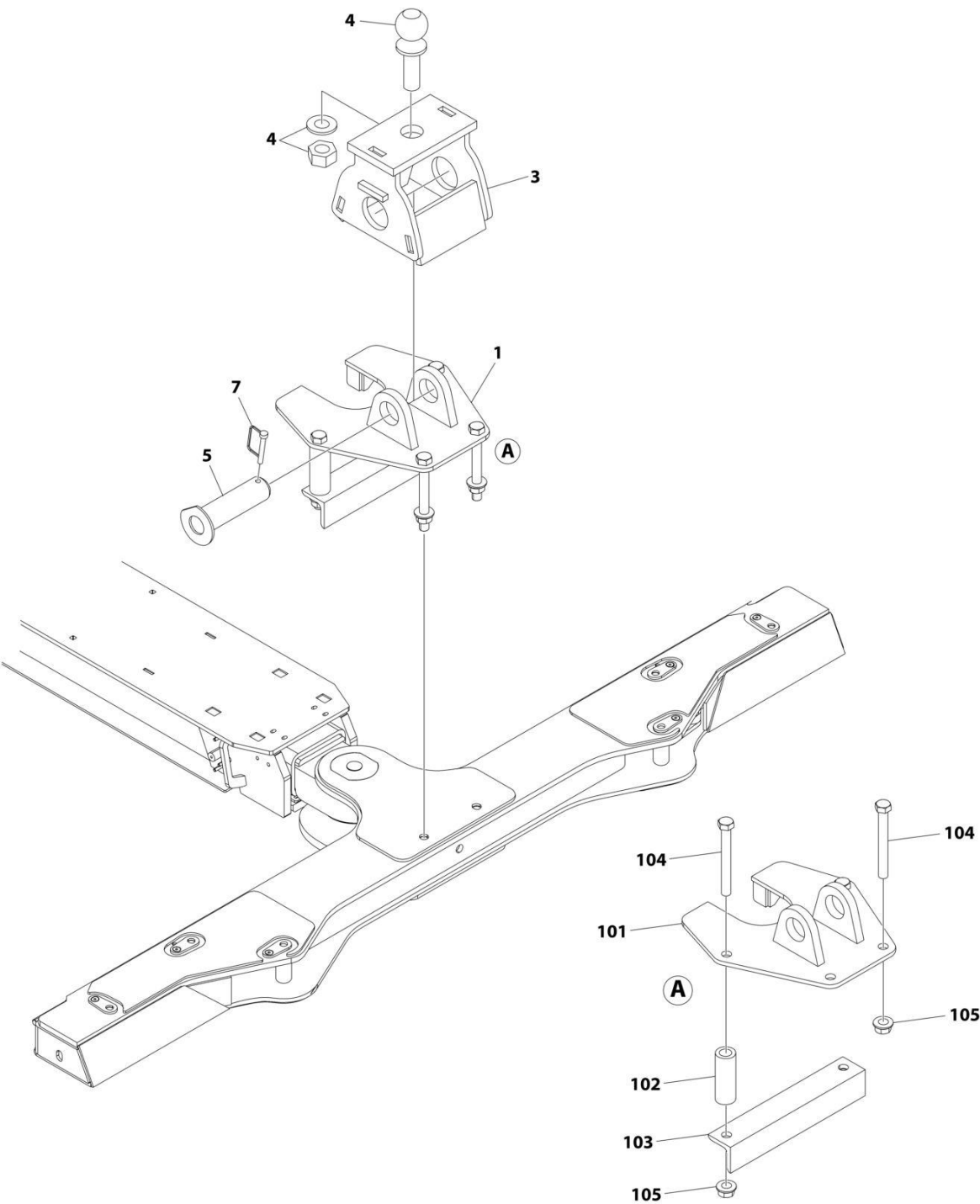
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FIGURE 9-27. TOW BALL INSTALLATION - FIFTH WHEEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2556000013	Ref	TOW BALL INSTALLATION - FIFTH WHEEL	0
1	2178000065	Ref	Bracket Installation (Includes Items 101-105)	
2	3178000562	1	Bracket	
5	3691000144	1	Pin	
6	3691000145	1	Pin	
7	7691000025	2	Pin	
	2178000065	Ref	BRACKET INSTALLATION	0
101	3178000543	1	Bracket	
102	4912000432	2	Tube	
103	4017001612	1	Angle	
104	7118225250	4	Bolt 3/4 x 6-1/2	
105	7661000069	4	Nut 3/4	

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FIGURE 9-28. TOW BALL INSTALLATION - GOOSENECK COMBINATION



ART_2556000014

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FIGURE 9-28. TOW BALL INSTALLATION - GOOSENECK COMBINATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2556000014	Ref	TOW BALL INSTALLATION - GOOSENECK COMBINATION	0
1	2178000065	Ref	Bracket Installation (Includes Items 101-105)	
3	3178000560	1	Bracket	
4	7056000011	1	Ball, Chrome	
5	3691000144	1	Pin	
7	7691000025	1	Pin	
	2178000065	Ref	BRACKET INSTALLATION	0
101	3178000543	1	Bracket	
102	4912000432	2	Tube	
103	4017001612	1	Angle	
104	7118225250	4	Bolt 3/4 x 6-1/2	
105	7661000069	4	Nut 3/4	

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FIGURE 9-29. TOW LIGHTS, MAGNETIC



ART_LMT

SECTION 9 - ACCESSORIES

FIGURE 9-29. TOW LIGHTS, MAGNETIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	LMT 5525000752	Ref 1	TOW LIGHT KIT - MAGNETIC MOUNTED Magnetic Light Kit Towing - with Case	0

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FIGURE 9-30. TOW LIGHTS, MAGNETIC/SUCTION



ART_LST

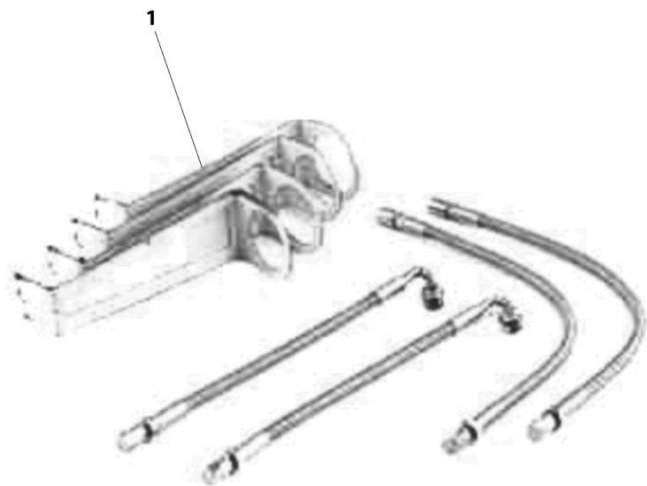
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FIGURE 9-30. TOW LIGHTS, MAGNETIC/SUCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	LST 7002000449	Ref 1	Suction Mounted Tow Light Kit Tow Lights Suction	0

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FIGURE 9-31. VALVE STEM EXTENSION KIT



ART_2002000029

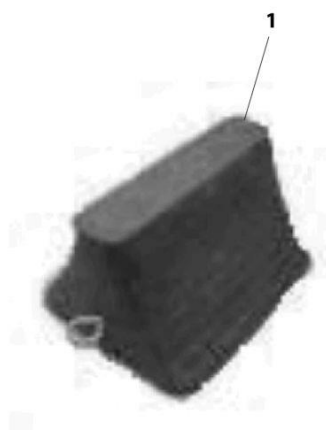
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FIGURE 9-31. VALVE STEM EXTENSION KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2002000029	Ref	Valve System Extension Kit	0
	7002000447	1	Valve Stem	

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FIGURE 9-32. WHEEL CHOCKS



ART_RWC

SECTION 9 - ACCESSORIES

FIGURE 9-32. WHEEL CHOCKS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	RWC 7002000448	Ref 2	WHEEL CHOCKS Wheel Chock - Rubber	0

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SECTION 10 - BUILD DOCUMENTS

FIGURE 10-1. BUILD DOC_5376000245

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	
	1001138636	Ref	Body & Wiring Installation (WITH FUEL FILLER IN DRIVERS SIDE)	
	1001136483	Ref	Body & Wiring Installation (WITHOUT FUEL FILLER IN BODY)	
	1001137614	Ref	Controls Installation - 4 Solenoid Valve & Underlift Electrical Components	
	1001137616	Ref	Controls Installation - 7 Solenoid Valve & Underlift Electrical Components	
		Ref	PTO (Installation & replacement is based on individual characteristics of the unit - Contact Jerr-Dan Parts Dept.)	
	2636000021	Ref	Ship-Out Stand for Kits Models	
	1001135754	Ref	Switch Panel - 3 Function (In Dash Compact)	
	1001135790	Ref	Switch Panel - 3 Function (Under Dash Compact)	
	1001135755	Ref	Switch Panel - 5 Function (In Dash Compact)	
	1001135791	Ref	Switch Panel - 5 Function (Under Dash Compact)	
	1001182229	Ref	TUNNEL COMPARTMENT - 22IN	
	1001145675	Ref	WInch Installations - 8K Single (Without Fly Boom)	
	WS8SW	Ref	WInch Installations - 8K Single (With Fly Boom)	
	WO8DW	Ref	WInch Installations - 8K Dual	
	1001133400	Ref	WInch Installations - 8K Dual (Special) (With Fly Boom)	

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