JERR-DAN

Illustrated Parts Manual

Model JD HPL35/HPL60 STANDARD DUTY WRECKER

SN 0230002518 to Present

P/N
5376000249

August 26, 2024 - Rev B

JERR-DAN
An Oshkosh Corporation Company

REVISION LOG

March 1, 2023 - A - Original Release of Manual (Edited to 1001139632 Revision A to S)
August 26, 2024 - B - Revised Manual (Edited to 1001139632 Revision A to V)

GENERAL INFORMATION

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

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

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

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

Please report comments and/or errors by contacting Jerr-Dan. Contact numbers are located on rear cover of Manual.

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

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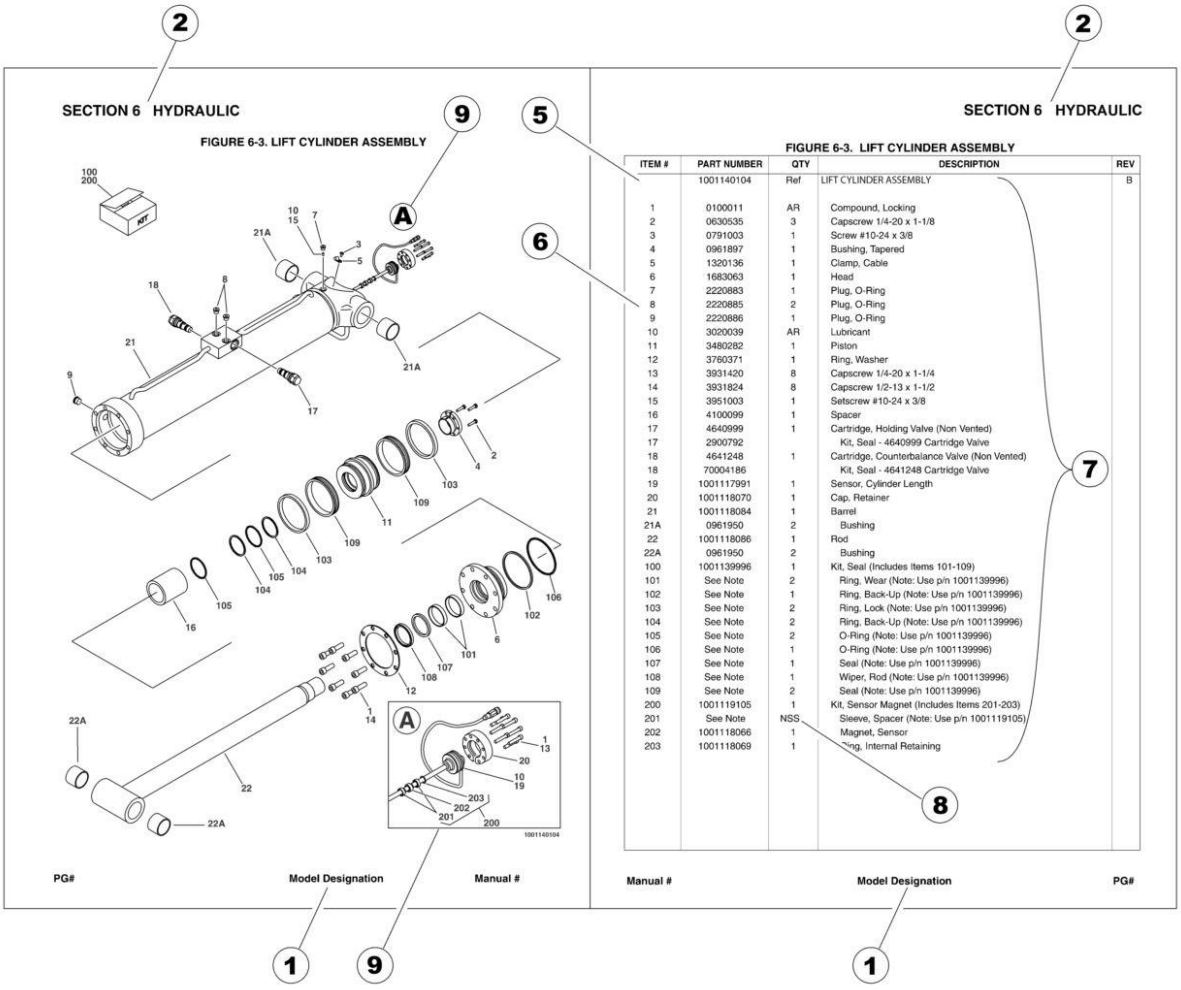
GENERAL INFORMATION



1) MACHINE IDENTIFICATION

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

2) PARTS MANUAL ORGANIZATION

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

3) TABLE OF CONTENTS (NOT SHOWN)

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

4) BUILD DOCUMENTS (NOT SHOWN)

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

GENERAL INFORMATION

5) NON-SERVICED PARTS

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

6) PARTS LIST ITEM NUMBERS

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

7) INDENTED PARTS DESCRIPTION

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

8) ABBREVIATION AND SYMBOLS

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

9) ILLUSTRATION REFERANCE LETTERS

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

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

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SECTION 1 - SUBFRAME

SECTION 1 - SUBFRAME

FIGURE 1-1. SUBFRAME INSTALLATION (STANDARD)

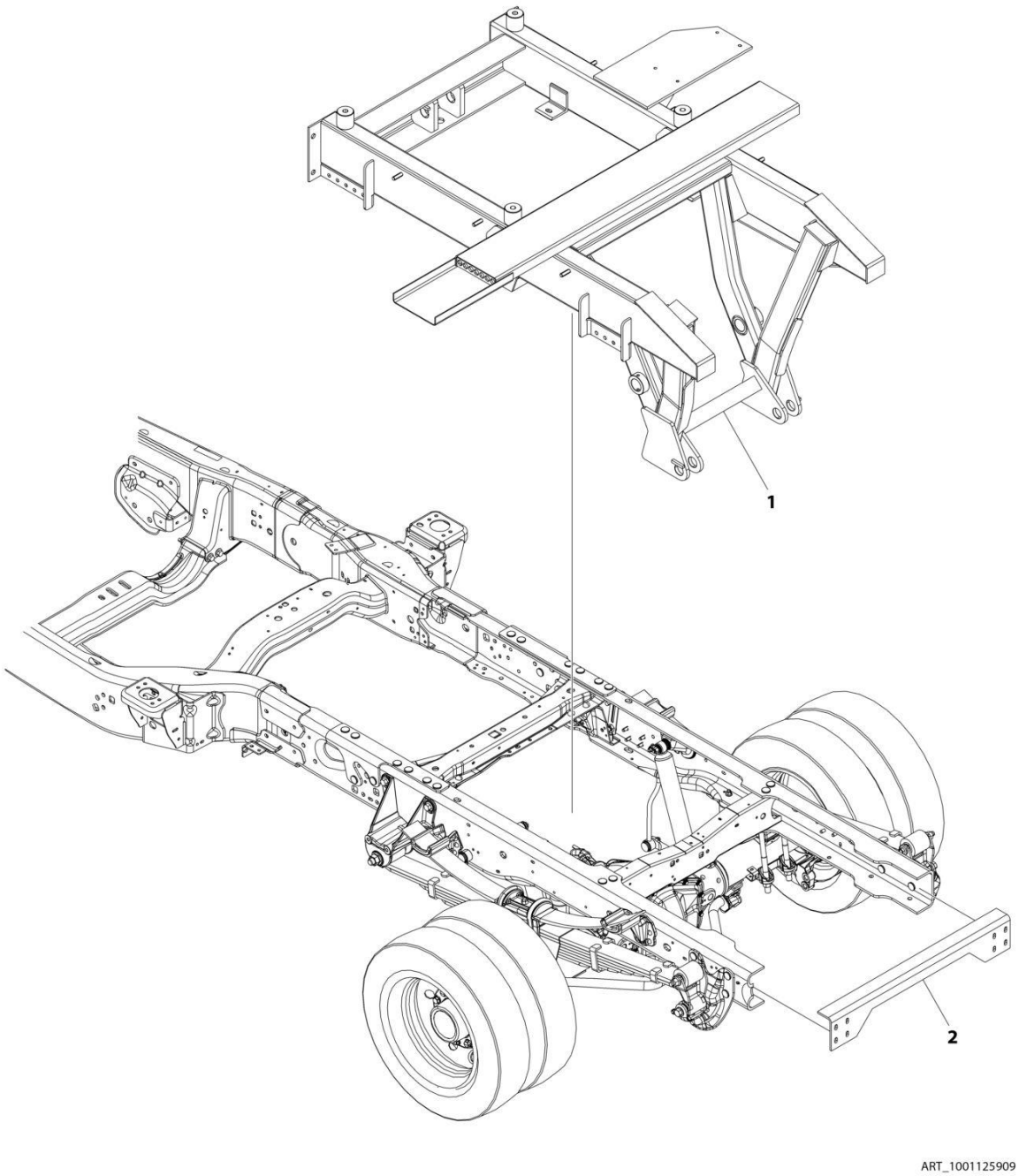

FIGURE 1-1. SUBFRAME INSTALLATION (STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001125909	Ref	SUBFRAME INSTALLATION (STANDARD)	B
1	1001125910	1	Subframe	
2	4017000387	1	Angle	

FIGURE 1-2. SUBFRAME INSTALLATION (IHC TERRASTAR)

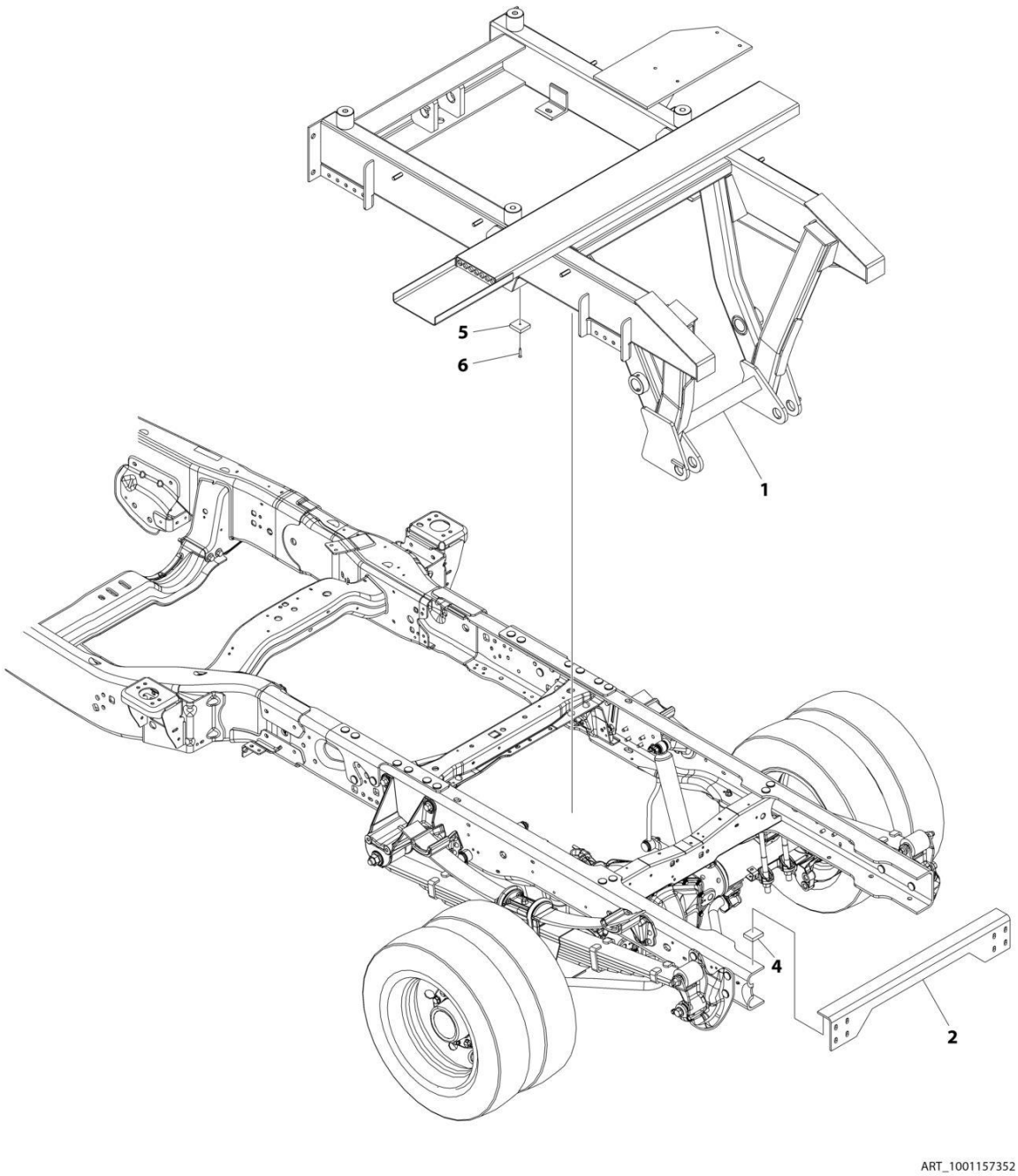

FIGURE 1-2. SUBFRAME INSTALLATION (IHC TERRASTAR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157352	Ref	SUBFRAME INSTALLATION (IHC TERRASTAR)	B
1	1001125910	1	Subframe	
2	4017000387	1	Angle	
3	4705000507	2	Plate	
4	1001158994	2	Pad	
5	7786000007	2	Bolt 5/16 x 2	

FIGURE 1-3. CHASSIS MOUNTING KIT - GENERIC

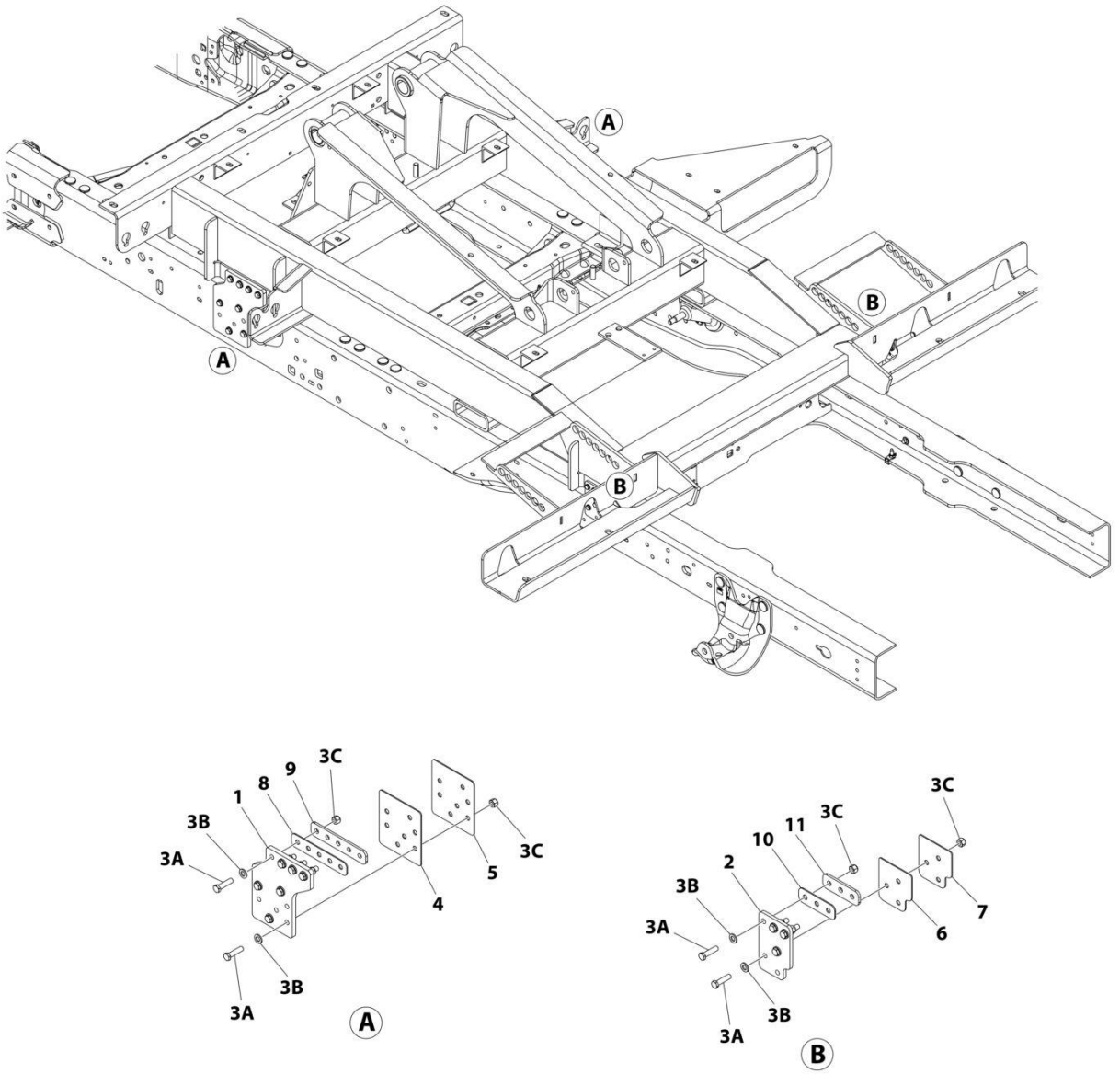

FIGURE 1-3. CHASSIS MOUNTING KIT - GENERIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127338	Ref	CHASSIS MOUNTING KIT - GENERIC	0
1	4706005904	2	Plate	
2	4706006442	2	Plate (Rear)	
3	7577000693	1	Kit-Saddle (Not Shown) (See Items 3A-3C for Breakdown)	
3A	7115181650	26	Bolt 1/2 x 2	
3B	7950180153	26	Washer 1/2	
3C	7660182601	26	Nut 1/2	
4	1001127340	2	Shim	
5	1001127341	2	Shim	
6	4812000142	2	Shim	
7	1001127342	2	Shim	
8	4811001194	2	Plate	
9	4706005906	2	Plate	
10	1001127387	2	Shim	
11	1001127388	2	Shim	

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FIGURE 1-4. CHASSIS MOUNTING KIT - CHEVY/GMC DIESEL WITH 60IN CA

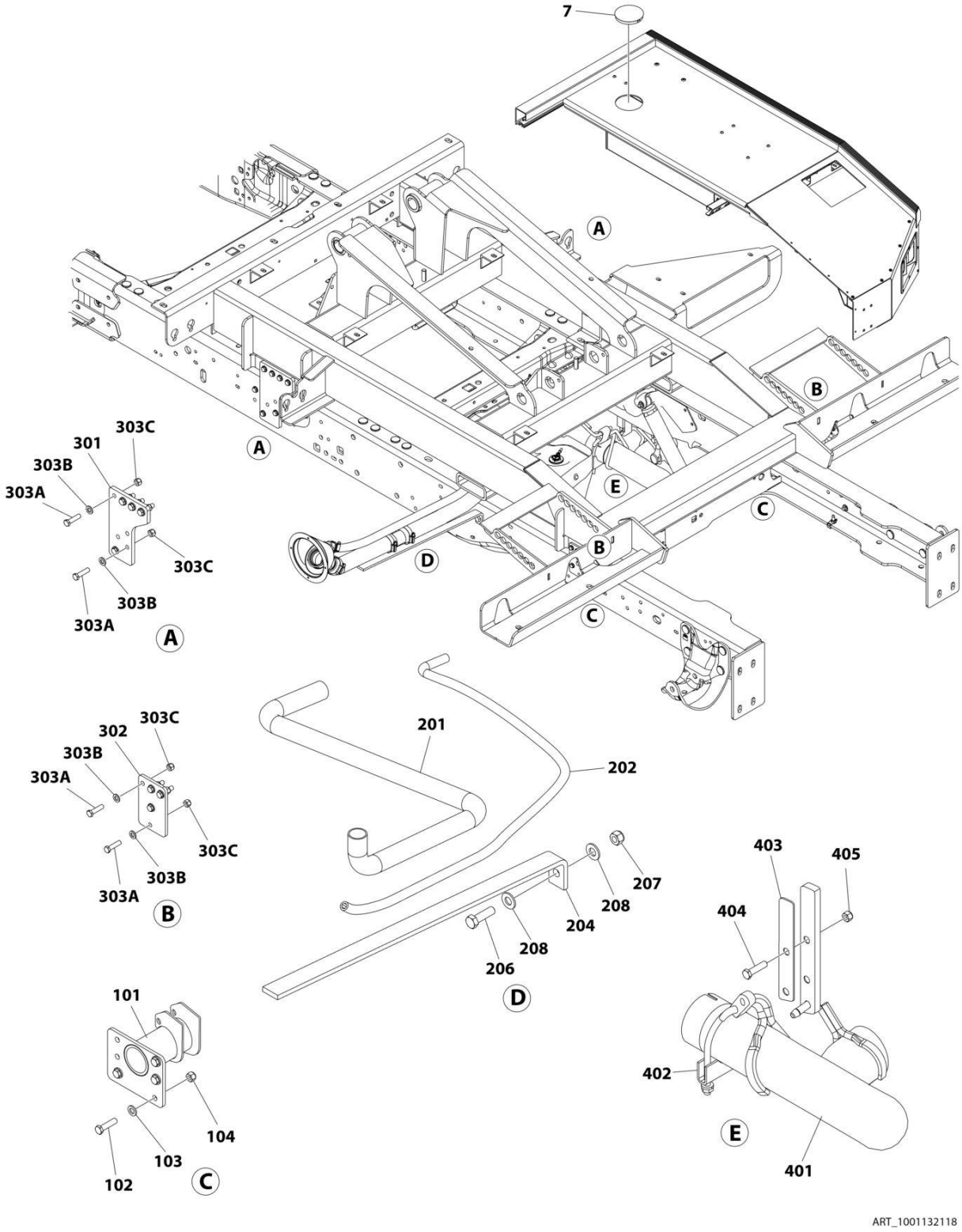

FIGURE 1-4. CHASSIS MOUNTING KIT - CHEVY/GMC DIESEL WITH 60IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132118	Ref	CHASSIS MOUNTING KIT - CHEVY/GMC 2011 DIESEL WITH 60IN CA	D
1	1001131398	Ref	Shock Mount Installation (Not Shown) (See Items 101-104 for Breakdown)	
2	2570000174	Ref	Hose Installation (Not Shown) (See Items 201-208 for Breakdown)	
3	1001131517	Ref	Saddle Plate Installation (Not Shown) (See Items 301-304 for Breakdown)	
6	1001132111	Ref	Exhaust Rework Installation (Not Shown) (See Items 401-405 for Breakdown)	
7	7701000075	1	Plug	
	1001131398	Ref	SHOCK MOUNT INSTALLATION	0
101	1001131340	1	Mount, Shock	
102	7115181450	4	Bolt 1/2 x 1-3/4	
103	7950180153	4	Washer 1/2	
104	7660182601	4	Nut 1/2	
	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	
	1001131517	Ref	SADDLE PLATE INSTALLATION	0
301	1001131515	2	Plate	
302	1001131516	2	Plate Rear	
303	7577000634	1	Kit-Saddle Bolt (Not Shown)	
303A	7115181650	26	Bolt 1/2 x 2	
303B	7950180153	26	Washer 1/2	
303C	7660182601	26	Nut 1/2	
304	7115181050	8	Bolt 1/2 x 1-1/4 (Not Shown)	
	1001132111	Ref	EXHAUST REWORK INSTALLATION	0
401	1001132104	1	Pipe, Exhaust	
402	7274000110	1	Clamp, Muffler	
403	1001132003	1	Bracket	
404	7115181250	2	Bolt 1/2 x 1-1/2	
405	7660182601	2	Nut 1/2	

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FIGURE 1-5. CHASSIS MOUNTING KIT - CHEVY/GMC GAS WITH 60IN CA (SN 0230002518 through 0230003431)

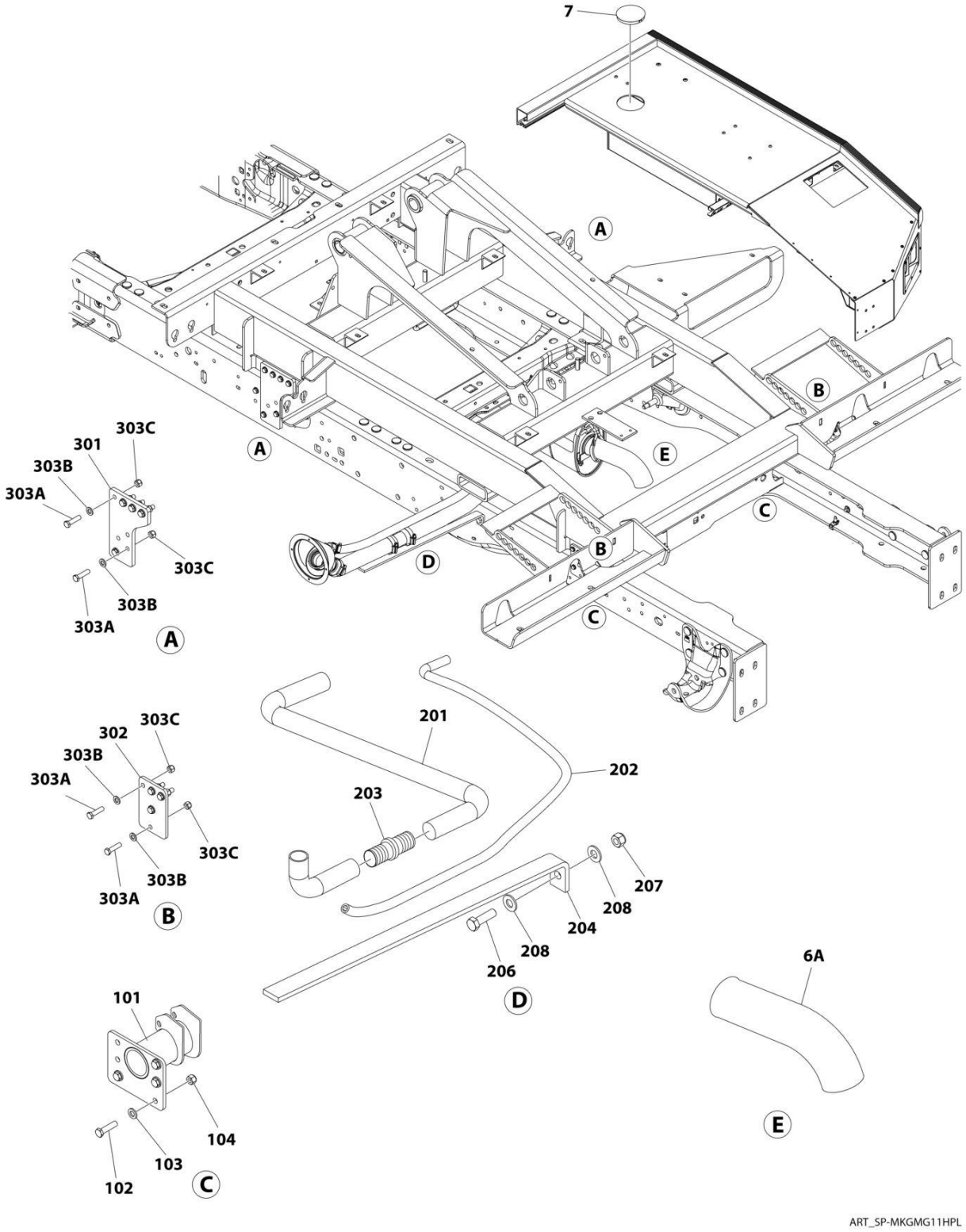

FIGURE 1-5. CHASSIS MOUNTING KIT - CHEVY/GMC GAS WITH 60IN CA (SN 0230002518 through 0230003431)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	SP-MKGMG11HPL	Ref	CHASSIS MOUNTING KIT - CHEVY/GMC 2011 GAS WITH 60IN CA	D
1	1001131398	Ref	Shock Mount Installation (Not Shown) (See Items 101-104 for Breakdown)	
2	2570000170	Ref	Hose Installation (Not Shown) (See Items 201-208 for Breakdown)	
3	1001151517	Ref	Saddle Plate Installation (Not Shown) (See Items 301-304 for Breakdown)	
6	1001131725	Ref	Exhaust Rework Installation (Not Shown)	
6A	1001131704	1	Pipe, Exhaust	
7	7701000075	1	Plug	
	1001131398	Ref	SHOCK MOUNT INSTALLATION	0
101	1001131340	1	Mount, Shock	
102	7115181450	4	Bolt 1/2 x 1-3/4	
103	7950180153	4	Washer 1/2	
104	7660182601	4	Nut 1/2	
	2570000170	Ref	HOSE INSTALLATION	B
201	7570000028	1	Hose	
202	7570000021	1	Hose	
203	7443000354	2	Fitting	
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	
	1001131517	Ref	SADDLE PLATE INSTALLATION	0
301	1001131515	2	Plate	
302	1001131516	2	Plate Rear	
303	7577000634	1	Kit-Saddle Bolt (Not Shown)	
303A	7115181650	26	Bolt 1/2 x 2	
303B	7950180153	26	Washer 1/2	
303C	7660182601	26	Nut 1/2	
304	7115181050	8	Bolt 1/2 x 1-1/4 (Not Shown)	

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FIGURE 1-6. CHASSIS MOUNTING KIT - CHEVY/GMC GAS WITH 60IN CA (SN 0230003432 to Present)

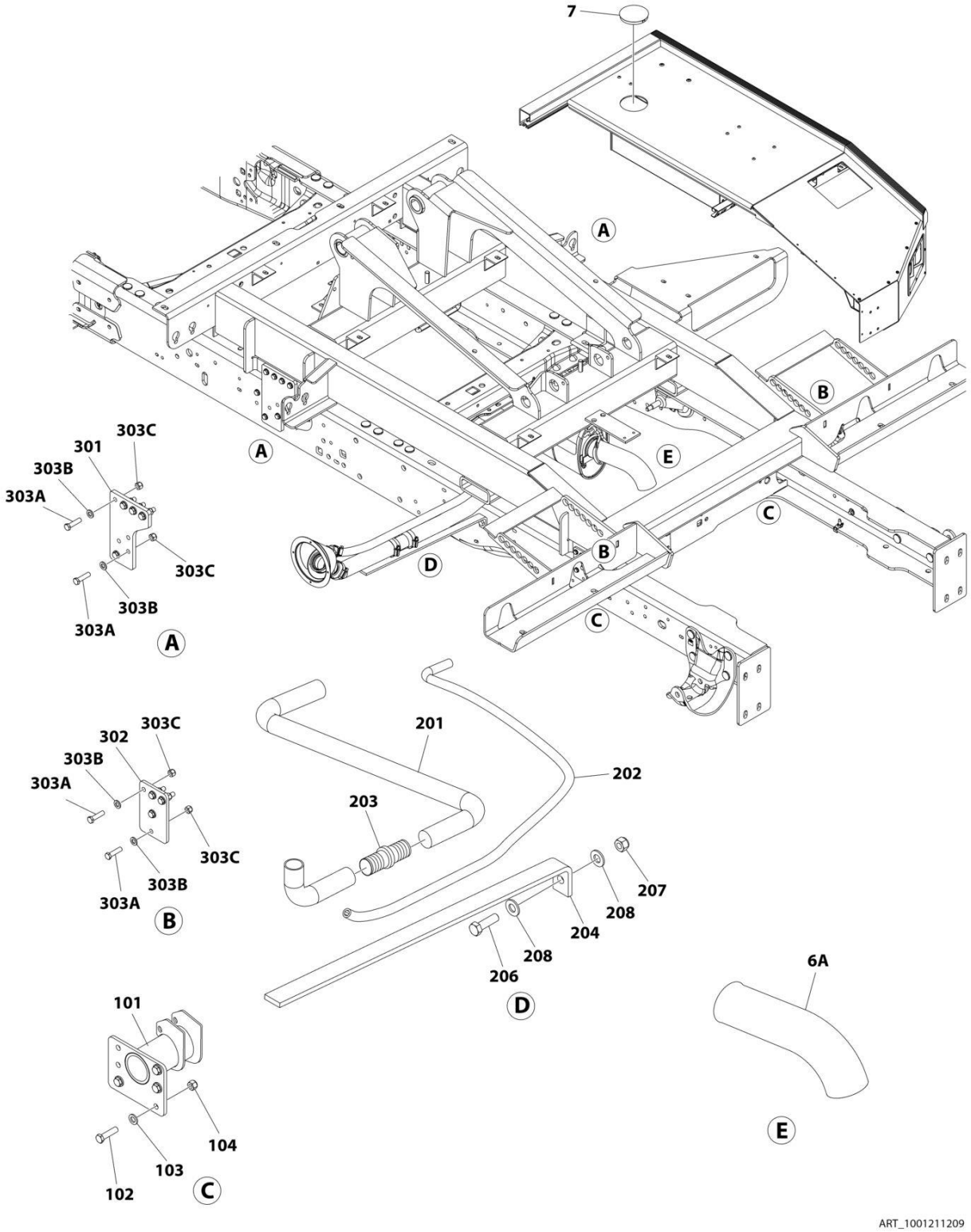

FIGURE 1-6. CHASSIS MOUNTING KIT - CHEVY/GMC GAS WITH 60IN CA (SN 0230003432 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211209	Ref	CHASSIS MOUNTING KIT - CHEVY/GMC 2011 GAS WITH 60IN CA	A
1	1001131398	Ref	Shock Mount Installation (Not Shown) (See Items 101-104 for Breakdown)	
2	2570000170	Ref	Hose Installation (Not Shown) (See Items 201-208 for Breakdown)	
3	1001151517	Ref	Saddle Plate Installation (Not Shown) (See Items 301-304 for Breakdown)	
4	1001131725	Ref	Exhaust Rework Installation (Not Shown)	
4A	1001131704	1	Pipe, Exhaust	
5	7701000075	1	Plug	
	1001131398	Ref	SHOCK MOUNT INSTALLATION	0
101	1001131340	1	Mount, Shock	
102	7115181450	4	Bolt 1/2 x 1-3/4	
103	7950180153	4	Washer 1/2	
104	7660182601	4	Nut 1/2	
	2570000170	Ref	HOSE INSTALLATION	B
201	7570000028	1	Hose	
202	7570000021	1	Hose	
203	7443000354	2	Fitting	
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	
	1001131517	Ref	SADDLE PLATE INSTALLATION	0
301	1001131515	2	Plate	
302	1001131516	2	Plate Rear	
303	7577000634	1	Kit-Saddle Bolt (Not Shown)	
303A	7115181650	26	Bolt 1/2 x 2	
303B	7950180153	26	Washer 1/2	
303C	7660182601	26	Nut 1/2	
304	7115181050	8	Bolt 1/2 x 1-1/4 (Not Shown)	

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

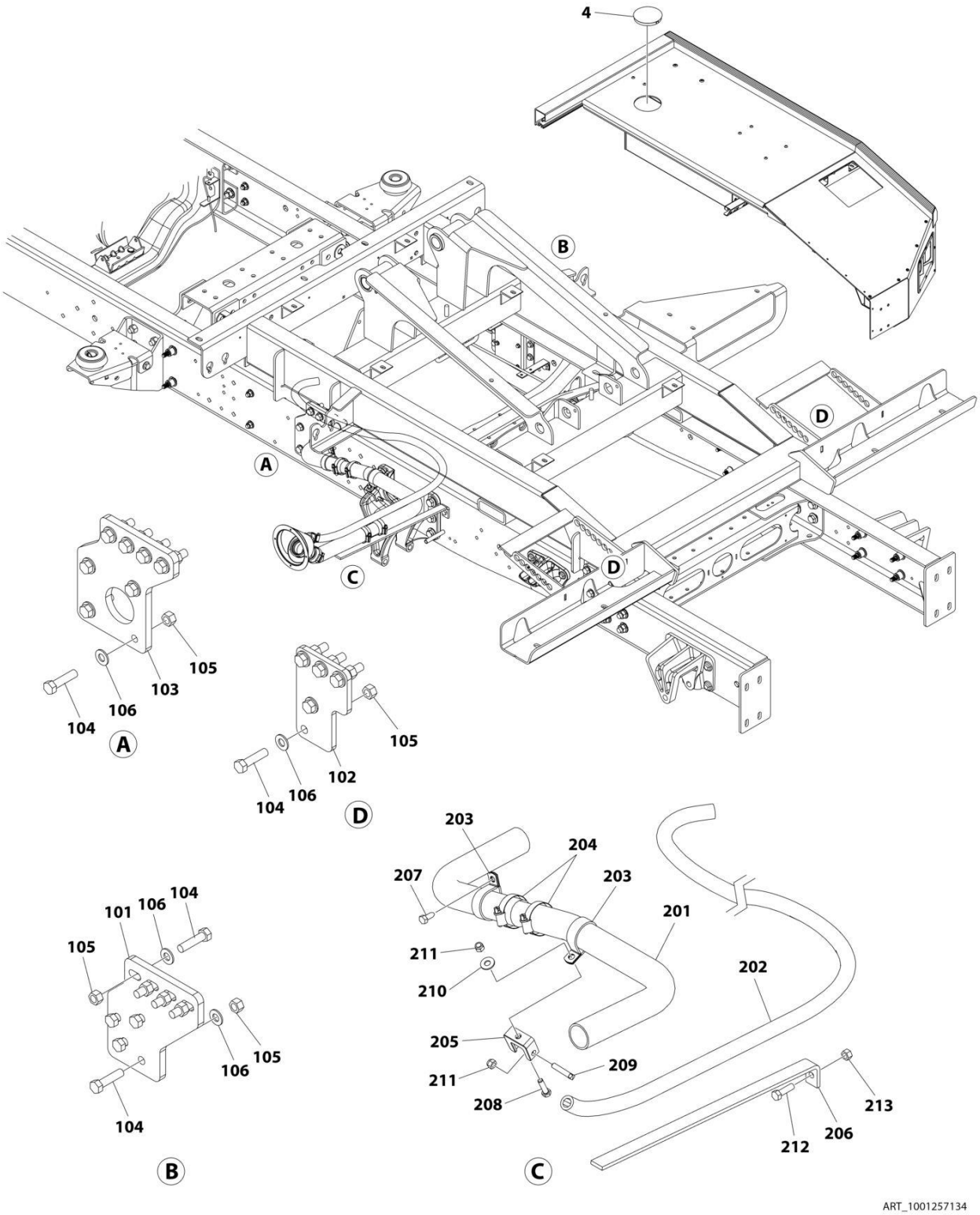

FIGURE 1-7. CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN+ WHEELBASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257134	Ref	CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN WB	A
1	1001257135	Ref	Subframe Installation (Not Shown) (See Items 101-106 for Breakdown)	
2	1001257310	Ref	Fuel Filler Installation (Not Shown) (See Items 201-215 for Breakdown)	
3	1001255482	1	Kit, Electrical Connection (Not Shown)	
4	7701000075	1	Plug	
	1001257135	Ref	SUBFRAME INSTALLATION	A
101	1001255943	1	Plate (Front)	
102	1001255944	2	Plate (Rear)	
103	1001257136	1	Plate (Front)	
104	0681816	26	Bolt 1/2 x 2	
105	3271805	26	Nut 1/2	
106	4711800	26	Washer 1/2	
	1001257310	Ref	FUEL FILLER INSTALLATION	A
201	7570000037	1	Hose	
202	1001256269	1	Hose	
203	7274000042	2	Clamp	
204	7274000005	3	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	7	Tie-Strap (Not Shown)	
215	4819000008	1	Sleeve, Hose (Not Shown)	

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FIGURE 1-8. CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN+ WHEELBASE & TIMBREN

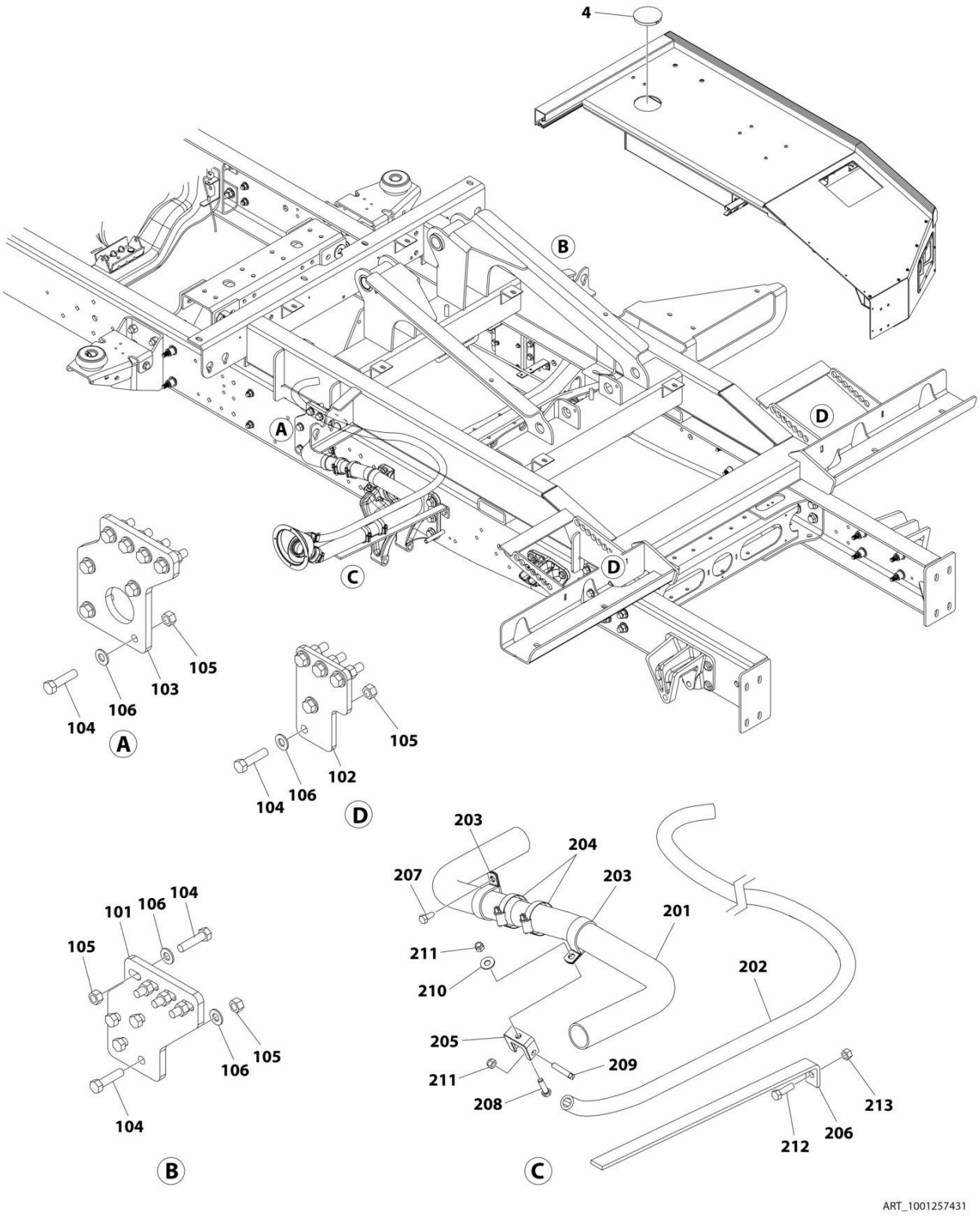

FIGURE 1-8. CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN+ WHEELBASE & TIMBREN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257431	Ref	CHASSIS MOUNTING KIT - CV515 2019+ WITH 165IN WB WITH TIMBRENS	A
1	1001257135	Ref	Subframe Installation (Not Shown) (See Items 101-106 for Breakdown)	
2	1001257310	Ref	Fuel Filler Installation (Not Shown) (See Items 201-215 for Breakdown)	
3	1001255482	1	Kit, Electrical Connection (Not Shown)	
4	7701000075	1	Plug	
5	1001256789	1	Rear Suspension Installation (Not Shown)	
5A	1001256801	1	Spring, Timbren (Not Shown)	
	1001257135	Ref	SUBFRAME INSTALLATION	A
101	1001255943	1	Plate (Front)	
102	1001255944	2	Plate (Rear)	
103	1001257136	1	Plate (Front)	
104	0681816	26	Bolt 1/2 x 2	
105	3271805	26	Nut 1/2	
106	4711800	26	Washer 1/2	
	1001257310	Ref	FUEL FILLER INSTALLATION	A
201	7570000037	1	Hose	
202	1001256269	1	Hose	
203	7274000042	2	Clamp	
204	7274000005	3	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	7	Tie-Strap (Not Shown)	
215	4819000008	1	Sleeve, Hose (Not Shown)	

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FIGURE 1-9. CHASSIS MOUNTING KIT - DODGE 2011 - 2012 4500/5000 WITH 60IN CA

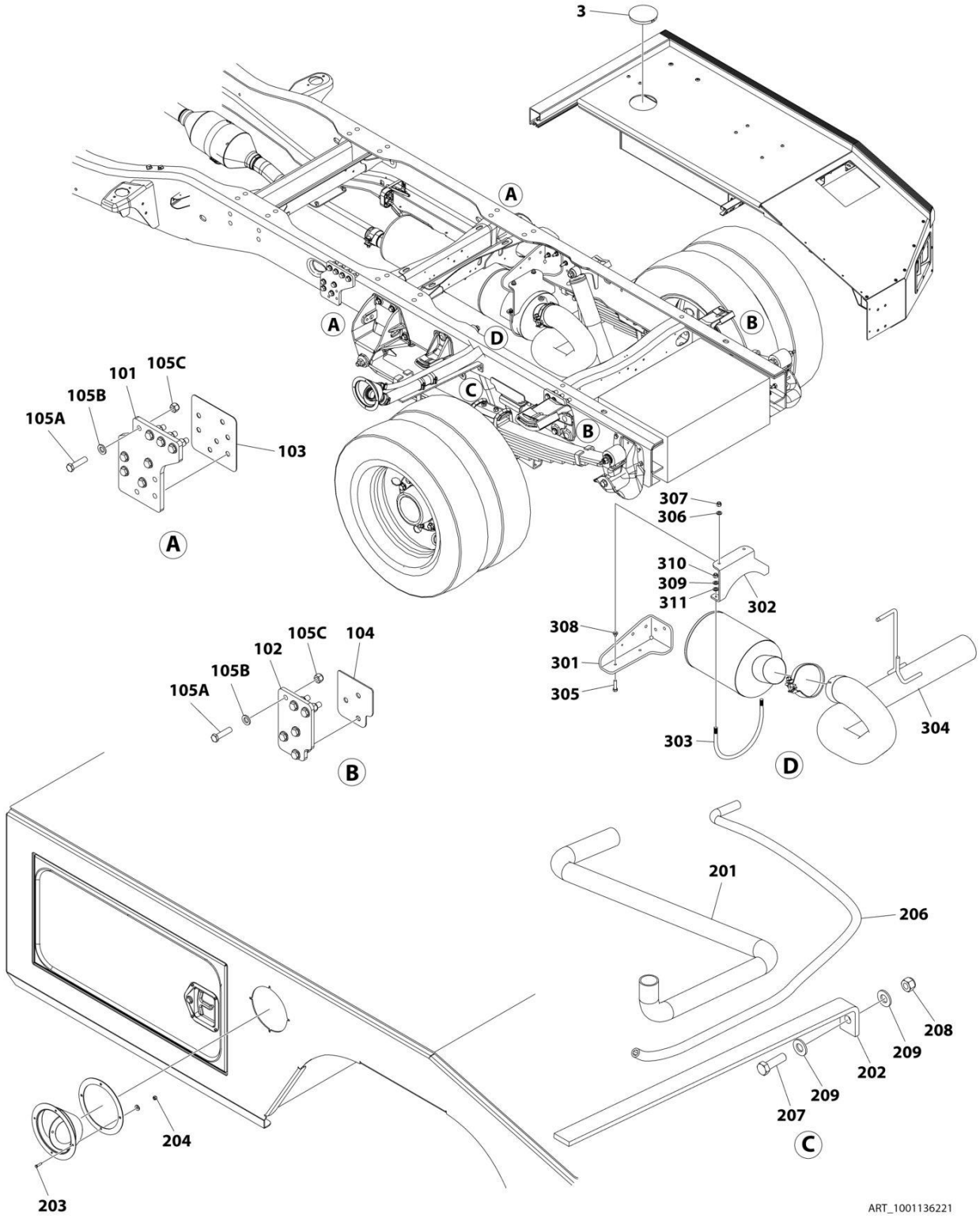

FIGURE 1-9. CHASSIS MOUNTING KIT - DODGE 2011 - 2012 4500/5000 WITH 60IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001136221	Ref	CHASSIS MOUNTING KIT - DODGE 2011 - 2012 WITH 60IN CA	B
1	1001137361	Ref	Subframe Installation (Not Shown) (See Items 101-105 for Breakdown)	
2	2570000157	Ref	Hose Installation (Not Shown) (See Items 201-209 for Breakdown)	
3	7701000075	1	Plug	
4	1001136040	Ref	Exhaust Installation (Not Shown) (See Items 301-311 for Breakdown)	
	1001137361	Ref	SUBFRAME INSTALLATION	B
101	4706005904	2	Plate (Front)	
102	4706006442	2	Plate (Rear)	
103	1001127340	2	Shim (Front)	
104	4812000142	2	Shim (Rear)	
105	7577000634	1	Hardware Kit (Not Shown)	
105A	7115181650	20	Bolt 1/2 x 2	
105B	7950180153	20	Washer 1/2	
105C	7660182601	20	Nut 1/2	
	2570000157	Ref	HOSE INSTALLATION	A
201	7570000037	1	Hose	
202	4533000415	1	Gas Filler Bracket	
203	7114100810	4	Screw #10 x 1	
204	7660102604	4	Nut #10	
205	5526000553	8	Tie-Strap (Not Shown)	
206	7570000036	AR	Hose Fuel Vent	
207	7115161050	1	Bolt 3/8 x 1-1/4	
208	7660162601	1	Nut 3/8	
209	7950160141	2	Washer 3/8	
	1001136040	Ref	EXHAUST INSTALLATION	B
301	1001136036	1	Bracket	
302	1001136037	1	Bracket	
303	1001136038	1	Rod	
304	1001136039	1	Pipe, Exhaust	
305	0641616	5	Bolt 3/8 x 2	
306	7950160153	10	Washer 3/8	
307	3271601	5	Nut 3/8 Grade 8	
308	7636000021	2	Mount, Center Bonded	
309	7950140153	2	Washer 1/4	
310	7660140001	2	Nut 1/4	
311	4761400	2	Washer 1/4	

FIGURE 1-10. CHASSIS MOUNTING KIT - DODGE 2011 - 2012 4500/5000 WITH 84IN CA

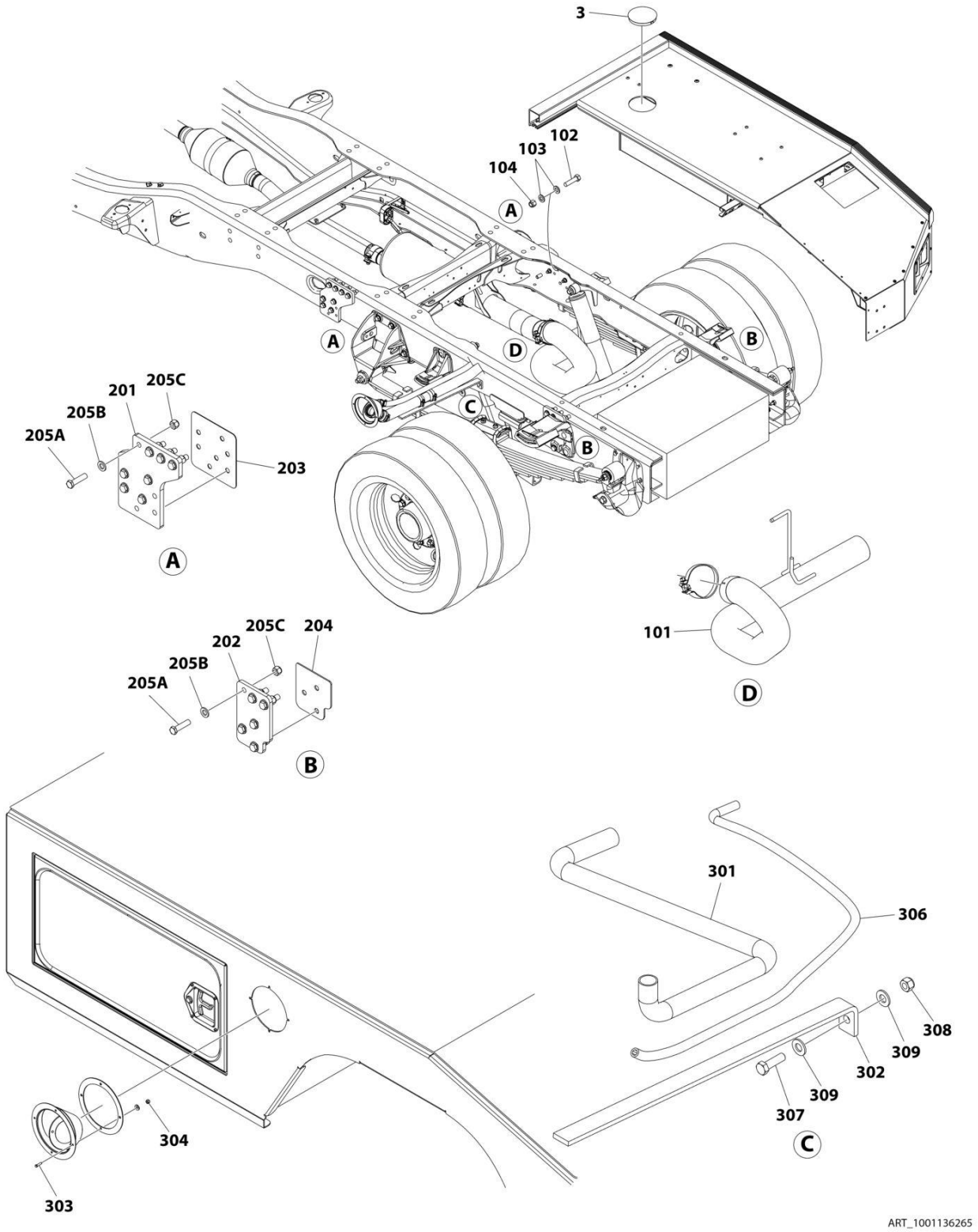

FIGURE 1-10. CHASSIS MOUNTING KIT - DODGE 2011 - 2012 4500/5000 WITH 84IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001136265	Ref	CHASSIS MOUNTING KIT - DODGE 2011 - 2012 WITH 84IN CA	B
1	1001136263	Ref	Exhaust Installation (Not Shown) (See Items 101-104 for Breakdown)	
2	1001137362	Ref	Subframe Installation (Not Shown) (See Items 201-205 for Breakdown)	
3	7701000075	1	Plug	
4	2570000157	Ref	Hose Installation (Not Shown) (See Items 301-309 for Breakdown)	
	1001136263	Ref	EXHAUST INSTALLATION	A
101	1001136039	1	Pipe, Exhaust	
102	7115161250	3	Bolt 3/8 x 1/2	
103	7950160153	6	Washer 3/8	
104	7660160000	3	Nut 3/8 Grade 8	
	1001137362	Ref	SUBFRAME INSTALLATION	B
201	4706005904	2	Plate (Front)	
202	4706006442	2	Plate (Rear)	
203	4811001194	2	Shim (Front)	
204	4812000142	2	Shim (Rear)	
205	7577000634	1	Hardware Kit (Not Shown)	
205A	7115181650	20	Bolt 1/2 x 2	
205B	7950180153	20	Washer 1/2	
205C	7660182601	20	Nut 1/2	
	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 1-11. CHASSIS MOUNTING KIT - DODGE 2013+ 4500/5000 WITH 60IN CA

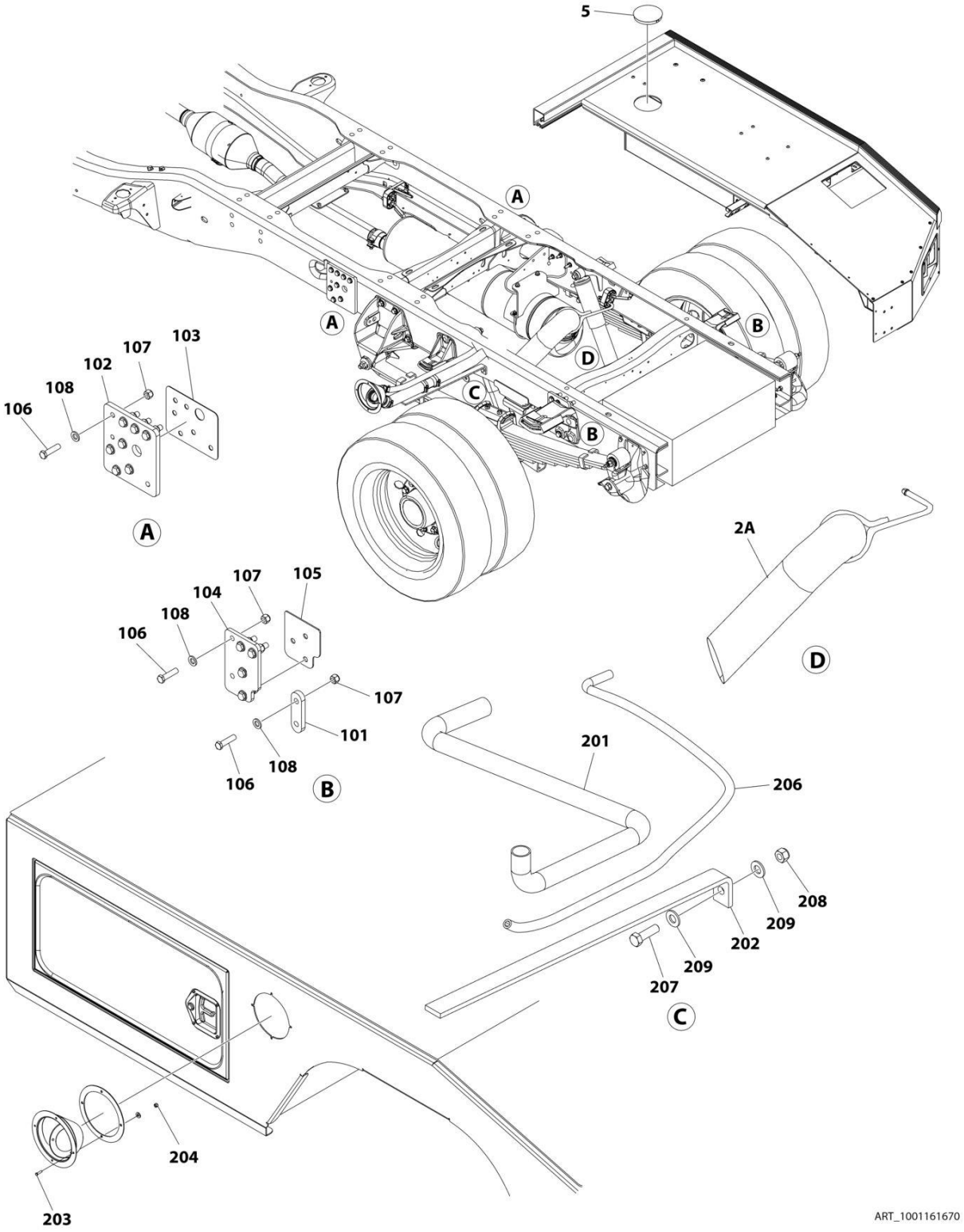

FIGURE 1-11. CHASSIS MOUNTING KIT - DODGE 2013+ 4500/5000 WITH 60IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161670	Ref	CHASSIS MOUNTING KIT - DODGE 2013+ WITH 60IN CA	A
1	1001160934	Ref	Subframe Installation (Not Shown) (See Items 101-108 for Breakdown)	
2	1001161088	Ref	Exhaust Installation (Not Shown)	A
2A	1001161139	1	Pipe, Exhaust	
3	2570000157	Ref	Hose Installation (Not Shown) (See Items 201-209 for Breakdown)	
4	1001161328	Ref	LED Wring (Not Shown)	C
5	7701000075	1	Plug	
	1001160934	Ref	SUBFRAME INSTALLATION	B
101	1001160779	2	Shim	
102	1001160942	2	Plate (Front)	
103	1001160988	2	Shim	
104	4706006442	2	Plate (Rear)	
105	4812000142	2	Shim	
106	7115181650	30	Bolt 1/2 x 2	
107	7660182601	30	Nut 1/2	
108	7950180153	30	Washer 1/2	
	2570000157	Ref	HOSE INSTALLATION	A
201	7570000037	1	Hose	
202	4533000415	1	Gas Filler Bracket	
203	7114100810	4	Screw #10 x 1	
204	7660102604	4	Nut #10	
205	5526000553	8	Tie-Strap (Not Shown)	
206	7570000036	AR	Hose Fuel Vent	
207	7115161050	1	Bolt 3/8 x 1-1/4	
208	7660162601	1	Nut 3/8	
209	7950160141	2	Washer 3/8	

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FIGURE 1-12. CHASSIS MOUNTING KIT - DODGE 2013+ 4500/5000 WITH 84IN CA

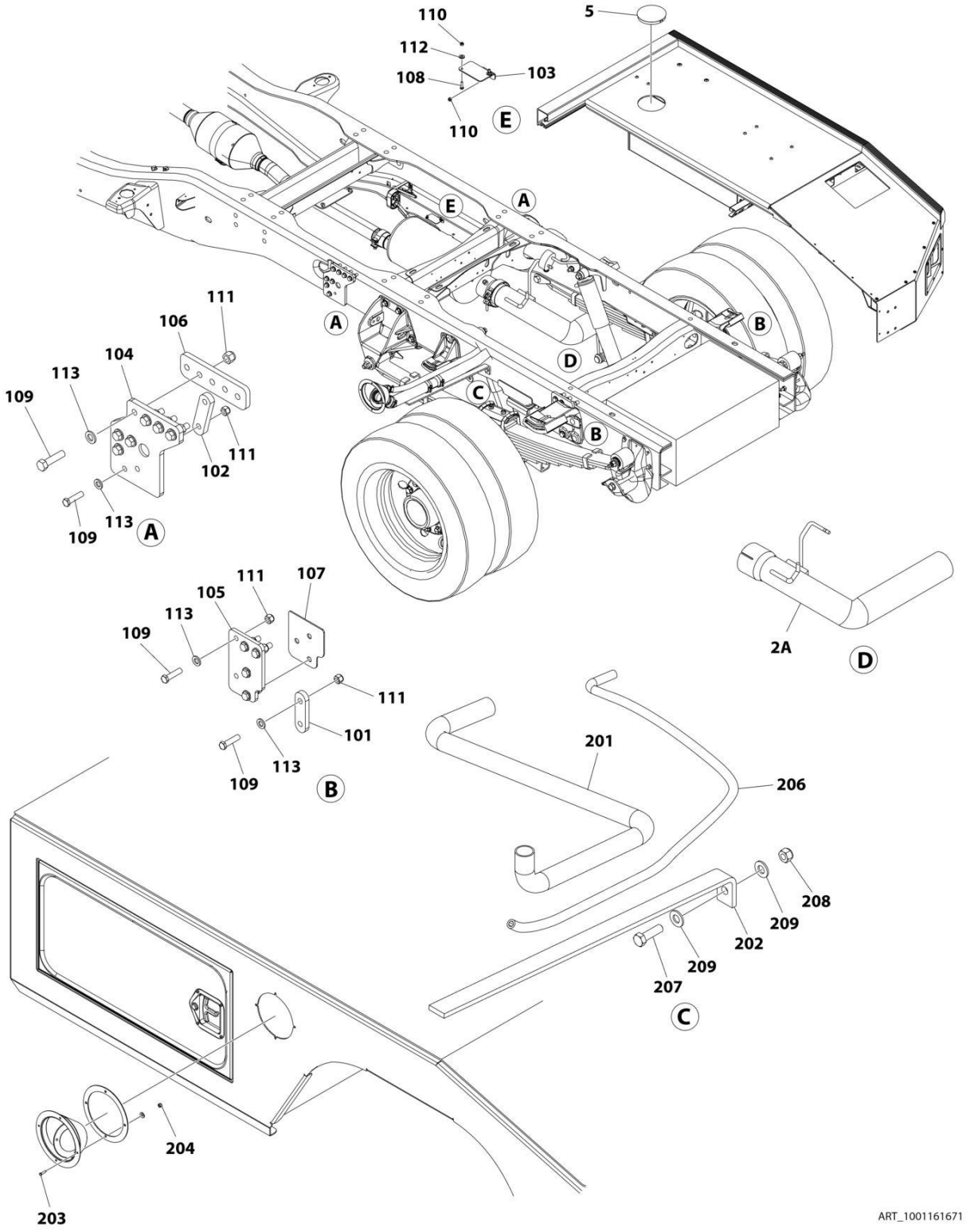

FIGURE 1-12. CHASSIS MOUNTING KIT - DODGE 2013+ 4500/5000 WITH 84IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161671	Ref	CHASSIS MOUNTING KIT - DODGE 2013+ WITH 84IN CA	A
1	1001160935	Ref	Subframe Installation (Not Shown) (See Items 101-113 for Breakdown)	
2	1001161087	Ref	Exhaust Installation (Not Shown)	
2A	1001161084	1	Pipe, Exhaust	
3	2570000157	Ref	Hose Installation (Not Shown) (See Items 201-209 for Breakdown)	
4	1001161328	Ref	LED Wring (Not Shown)	C
5	7701000075	1	Plug	
	1001160935	Ref	SUBFRAME INSTALLATION	B
101	1001160779	2	Shim	
102	1001160835	2	Shim	
103	1001160919	1	Bracket	
104	1001160942	2	Plate	
105	4706006442	2	Plate	
106	4811001194	2	Plate	
107	4812000142	2	Shim	
108	7115140850	2	Bolt 1/4 x 1	
109	7115181650	30	Bolt 1/2 x 2	
110	7660142601	3	Nut 1/4	
111	7660182601	30	Nut 1/2	
112	7950140153	2	Washer 1/4	
113	7950180153	30	Washer 1/2	
	2570000157	Ref	HOSE INSTALLATION	A
201	7570000037	1	Hose	
202	4533000415	1	Gas Filler Bracket	
203	7114100810	4	Screw #10 x 1	
204	7660102604	4	Nut #10	
205	5526000553	8	Tie-Strap (Not Shown)	
206	7570000036	AR	Hose Fuel Vent	
207	7115161050	1	Bolt 3/8 x 1-1/4	
208	7660162601	1	Nut 3/8	
209	7950160141	2	Washer 3/8	

FIGURE 1-13. CHASSIS MOUNTING KIT - FORD 2010 & EARLIER

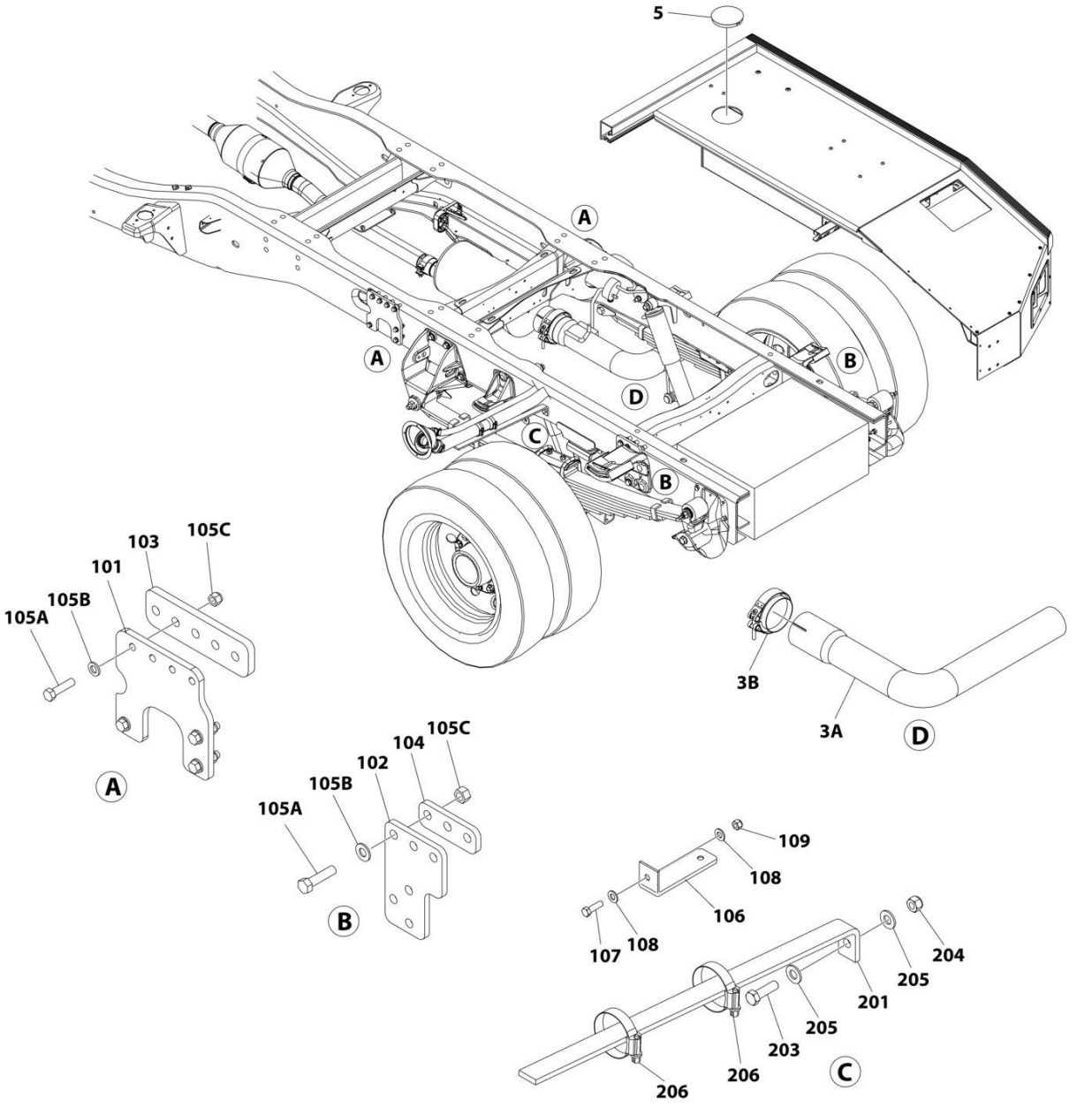

FIGURE 1-13. CHASSIS MOUNTING KIT - FORD 2010 & EARLIER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	CMKFRDG08-HPL	Ref	CHASSIS MOUNTING KIT - FORD 2010 & EARLIER	B
1	1001137357	Ref	Ford Subframe Installation (Not Shown) (See Items 101-109 for Breakdown)	
2	2570000171	Ref	Fuel Filler Support (Not Shown) (See Items 201-206 for Breakdown)	
3	2500350651	Ref	Exhaust Rework Installation (Not Shown)	
3A	7696000065	1	Pipe, Exhaust	
3B	7274000016	1	Clamp, Exhaust	
5	7701000075	1	Plug	
	1001137357	Ref	SUBFRAME INSTALLATION	A
101	4706005903	2	Plate	
102	4706006442	2	Plate (Rear)	
103	4811001194	2	Plate	
104	1001127387	2	Shim	
105	7577000693	1	Kit, Saddle Bolts (Not Shown)	
105A	7115181650	26	Bolt 1/2 x 2	
105B	7950180153	26	Washer 1/2	
105C	7660182601	26	Nut 1/2	
106	4706003198	1	Plate	
107	7115150850	1	Bolt 5/16 x 1	
108	7950150161	2	Washer 5/16	
109	7660152601	1	Nut 5/16	
	2570000171	Ref	FUEL FILLER SUPPORT	A
201	4533000415	1	Gas Filler Bracket	
202	5526000553	8	Tie-Strap (Not Shown)	
203	7115161050	1	Bolt 3/8 x 1-1/4	
204	7660162601	1	Nut 3/8	
205	7950160141	2	Washer 3/8	
206	7274000005	2	Clamp	

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FIGURE 1-14. CHASSIS MOUNTING KIT - FORD 2011-2016 F350/F450/F550 DIESEL WITH 60IN CA

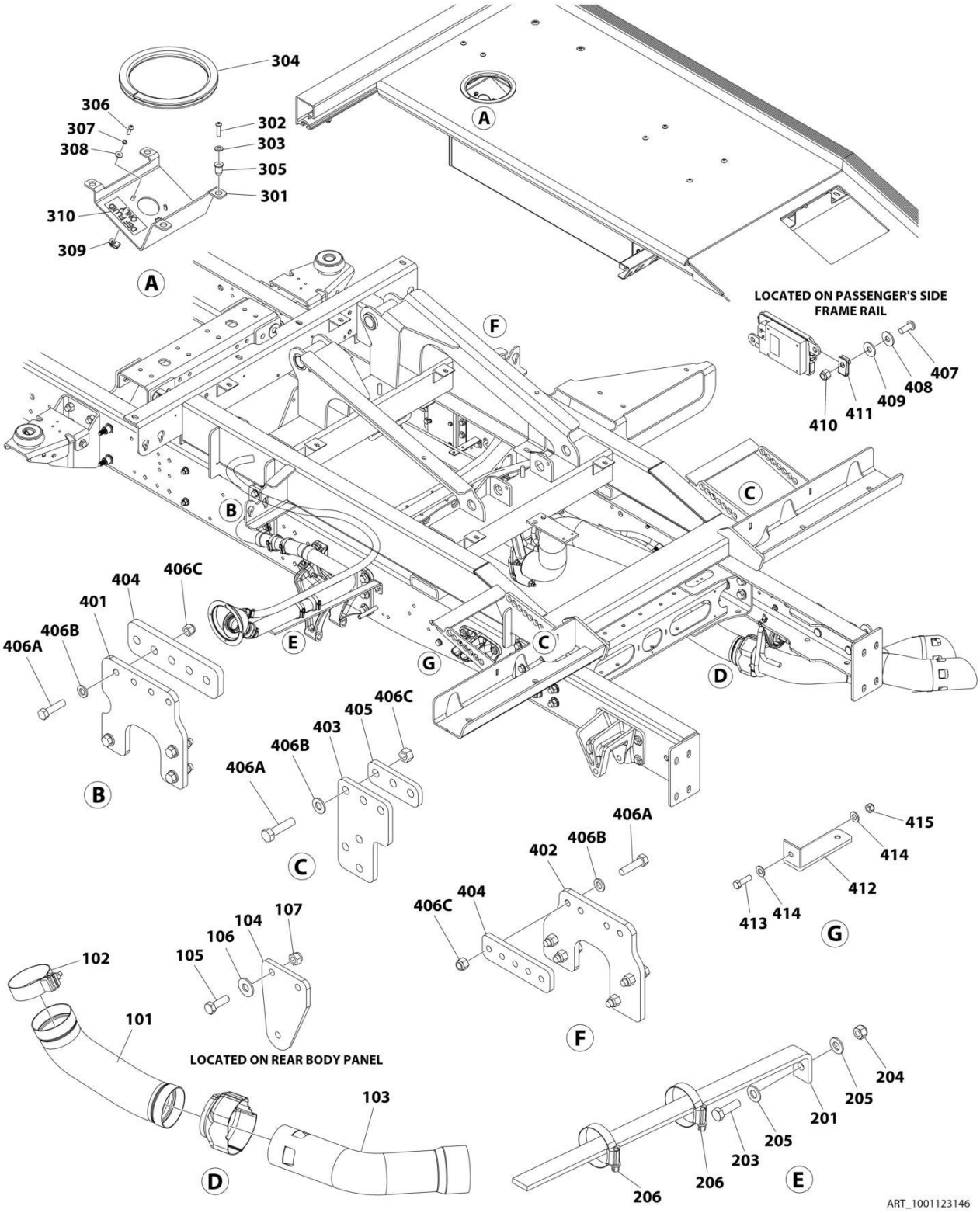

FIGURE 1-14. CHASSIS MOUNTING KIT - FORD 2011-2016 F350/F450/F550 DIESEL WITH 60IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001123146	Ref	CHASSIS MOUNTING KIT - FORD 2011-2016 F350/F450/F550 DIESEL WITH 60 IN CA	B
2	3511350119	Ref	Exhaust Rework Installation (Not Shown) (See Items 101-108 for Breakdown)	
3	2570000171	Ref	Fuel Filler Support (Not Shown) (See Items 201-206 for Breakdown)	
4	1001137358	Ref	Ford Subframe Installation (Not Shown) (See Items 401-415 for Breakdown)	
5	2509350151	Ref	Flange Installation (Not Shown) (See Items 301-310 for Breakdown)	
	3511350119	Ref	EXHAUST REWORK INSTALLATION	A
101	7696000068	1	Pipe, Exhaust	
102	7274000111	2	Clamp, Exhaust	
103	7696000070	1	Pipe	
104	4178000743	2	Bracket	
105	7115150850	4	Bolt 5/16 x 1	
106	7950150161	8	Washer 5/16	
107	7660152601	4	Nut 5/16	
108	4377000002	1	Exhaust Cut-Off Template (Not Shown)	
	2570000171	Ref	FUEL FILLER SUPPORT	A
201	4533000415	1	Gas Filler Bracket	
202	5526000553	8	Tie-Strap (Not Shown)	
203	7115161050	1	Bolt 3/8 x 1-1/4	
204	7660162601	1	Nut 3/8	
205	7950160141	2	Washer 3/8	
206	7274000005	2	Clamp	
	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	
	1001137358	Ref	SUBFRAME INSTALLATION	A
401	4706005903	1	Plate	
402	4706006397	1	Plate	
403	4706006442	2	Plate (Rear)	
404	4811001194	2	Plate	
405	1001127387	2	Shim	
406	7577000693	1	Kit, Saddle Bolts (Not Shown)	
406A	7115181650	26	Bolt 1/2 x 2	
406B	7950180153	26	Washer 1/2	
406C	7660182601	26	Nut 1/2	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
407	7115141650	2	Bolt 1/4 x 2	
408	7950140003	2	Washer 1/4	
409	7950140143	2	Washer 1/4	
410	7661000022	2	Nut 5/16	
411	7661000042	2	Nut, Tinnerman 1/4	
412	4706003198	1	Plate	
413	7115150850	1	Bolt 5/16 x 1	
414	7950150161	2	Washer 5/16	
415	7660152601	1	Nut 5/16	

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FIGURE 1-15. CHASSIS MOUNTING KIT - FORD 2011-2016 F350/F450/F550 DIESEL WITH 84IN CA

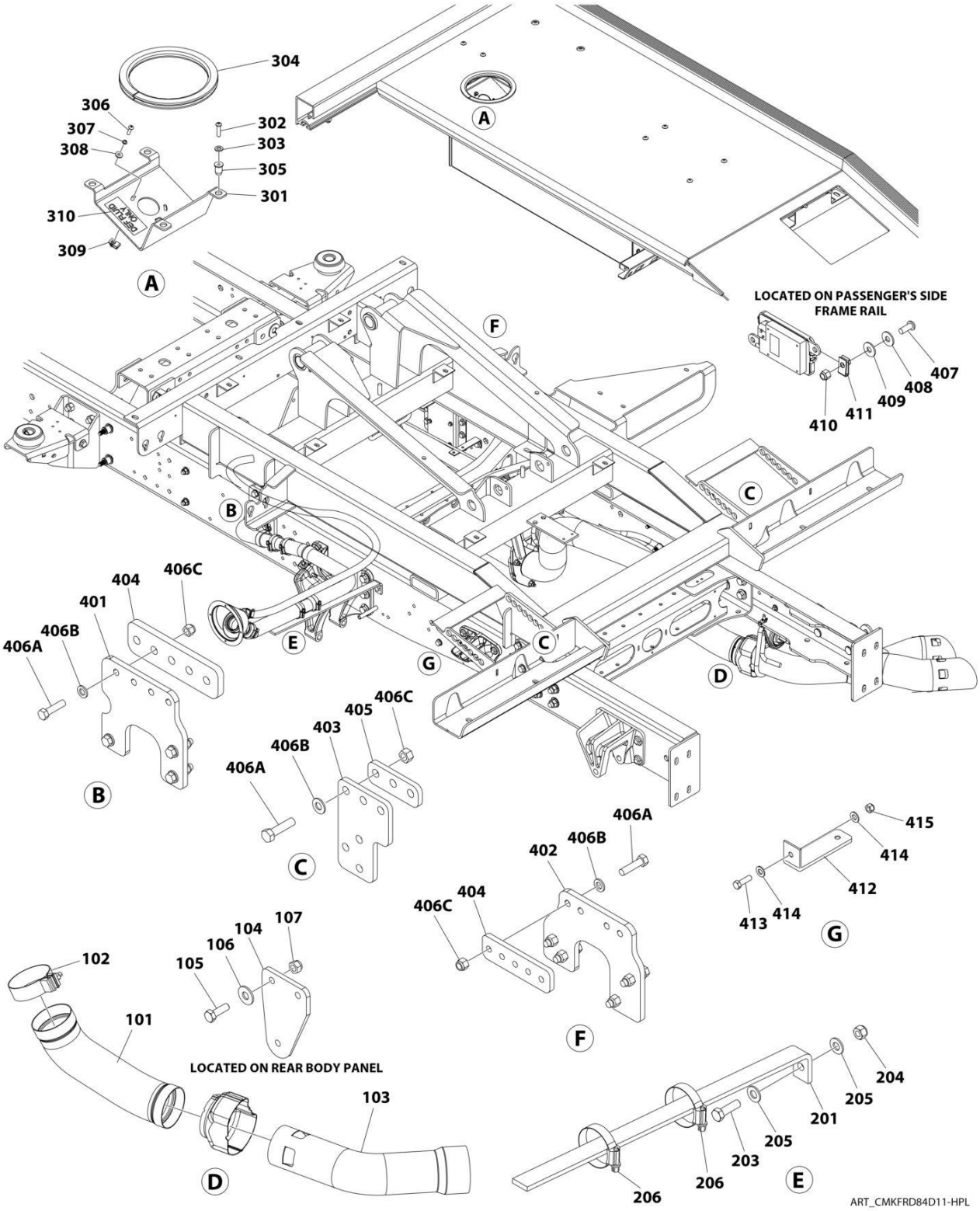


FIGURE 1-15. CHASSIS MOUNTING KIT - FORD 2011-2016 F350/F450/F550 DIESEL WITH 84IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	CMKFRD84D11-HPL	Ref	CHASSIS MOUNTING KIT - FORD 2011-2016 F350/F450/F550 DIESEL WITH 84IN CA	B
2	3511350119	Ref	Exhaust Rework Installation (Not Shown) (See Items 101-108 for Breakdown)	
3	2570000171	Ref	Fuel Filler Support (Not Shown) (See Items 201-206 for Breakdown)	
4	2509350151	Ref	Flange Installation (Not Shown) (See Items 301-310 for Breakdown)	
5	1001137358	Ref	Ford Subframe Installation (Not Shown) (See Items 401-415 for Breakdown)	
6	4570000378	1	Hose, Urea Fill (Not Shown)	
	3511350119	Ref	EXHAUST REWORK INSTALLATION	A
101	7696000068	1	Pipe, Exhaust	
102	7274000111	2	Clamp, Exhaust	
103	7696000070	1	Pipe	
104	4178000743	2	Bracket	
105	7115150850	4	Bolt 5/16 x 1	
106	7950150161	8	Washer 5/16	
107	7660152601	4	Nut 5/16	
108	4377000002	1	Exhaust Cut-Off Template (Not Shown)	
	2570000171	Ref	FUEL FILLER SUPPORT	A
201	4533000415	1	Gas Filler Bracket	
202	5526000553	8	Tie-Strap (Not Shown)	
203	7115161050	1	Bolt 3/8 x 1-1/4	
204	7660162601	1	Nut 3/8	
205	7950160141	2	Washer 3/8	
206	7274000005	2	Clamp	
	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	
	1001137358	Ref	SUBFRAME INSTALLATION	A
401	4706005903	1	Plate	
402	4706006397	1	Plate	
403	4706006442	2	Plate (Rear)	
404	4811001194	2	Plate	
405	1001127387	2	Shim	
406	7577000693	1	Kit, Saddle Bolts (Not Shown)	
406A	7115181650	26	Bolt 1/2 x 2	
406B	7950180153	26	Washer 1/2	

SECTION 1 - SUBFRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
406C	7660182601	26	Nut 1/2	
407	7115141650	2	Bolt 1/4 x 2	
408	7950140003	2	Washer 1/4	
409	7950140143	2	Washer 1/4	
410	7661000022	2	Nut 5/16	
411	7661000042	2	Nut, Tinnerman 1/4	
412	4706003198	1	Plate	
413	7115150850	1	Bolt 5/16 x 1	
414	7950150161	2	Washer 5/16	
415	7660152601	1	Nut 5/16	

SECTION 1 - SUBFRAME

FIGURE 1-16. CHASSIS MOUNTING KIT - FORD 2011-2016 F550 19K GVWR DIESEL WITH 84IN CA

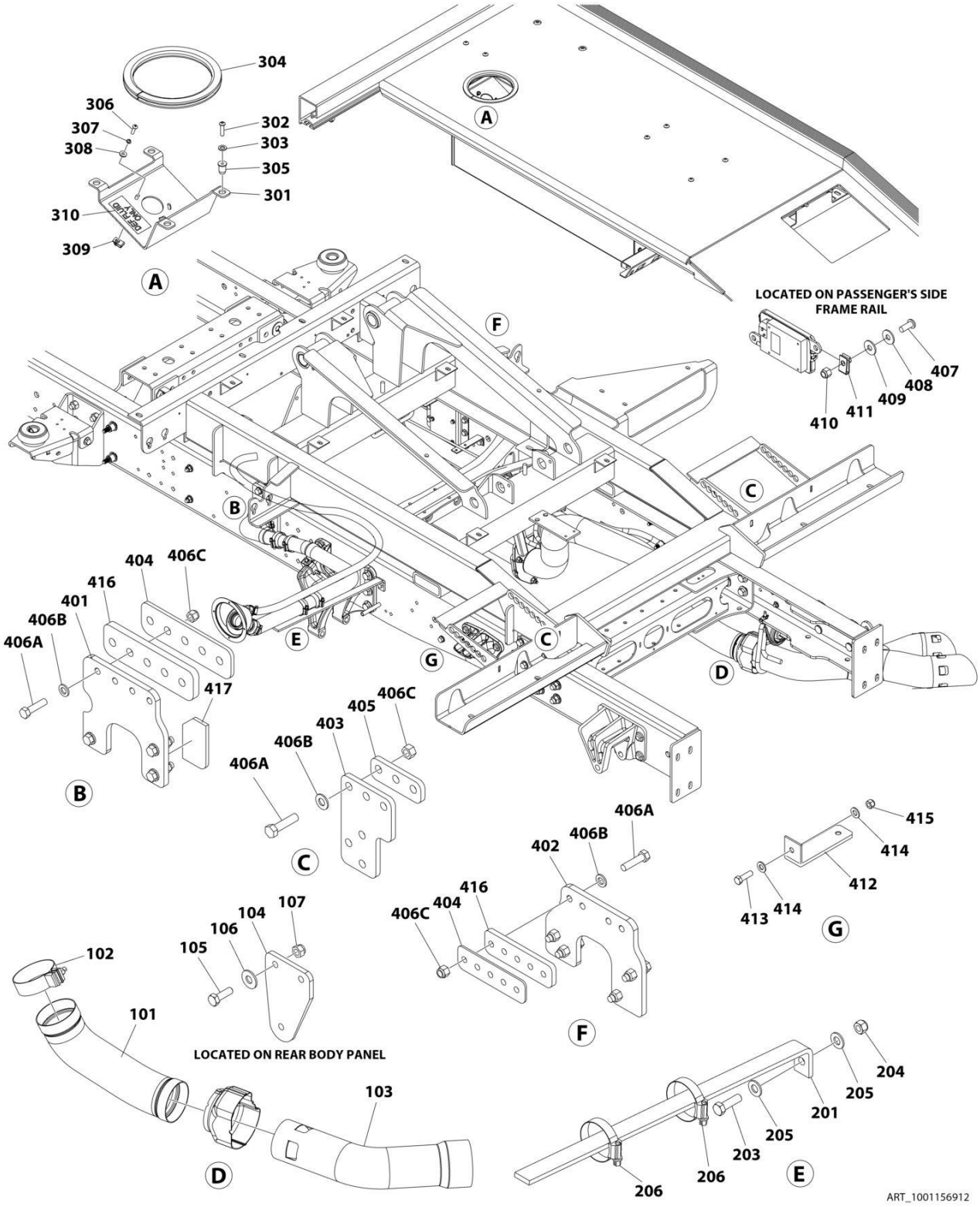


FIGURE 1-16. CHASSIS MOUNTING KIT - FORD 2011-2016 F550 19K GVWR DIESEL WITH 84IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156912	Ref	CHASSIS MOUNTING KIT - FORD 2011-2016 F550 19K GVWR DIESEL WITH 84IN CA	A
1	3511350119	Ref	Exhaust Rework Installation (Not Shown) (See Items 101-108 for Breakdown)	
2	2570000171	Ref	Fuel Filler Support (Not Shown) (See Items 201-206 for Breakdown)	
3	2509350151	Ref	Flange Installation (Not Shown) (See Items 301-310 for Breakdown)	
4	4570000378	1	Hose, Urea Fill (Not Shown)	
5	1001156911	Ref	Ford Subframe Installation (Not Shown) (See Items 401-417 for Breakdown)	
	3511350119	Ref	EXHAUST REWORK INSTALLATION	A
101	7696000068	1	Pipe, Exhaust	
102	7274000111	2	Clamp, Exhaust	
103	7696000070	1	Pipe	
104	4178000743	2	Bracket	
105	7115150850	4	Bolt 5/16 x 1	
106	7950150161	8	Washer 5/16	
107	7660152601	4	Nut 5/16	
108	4377000002	1	Exhaust Cut-Off Template (Not Shown)	
	2570000171	Ref	FUEL FILLER SUPPORT	A
201	4533000415	1	Gas Filler Bracket	
202	5526000553	8	Tie-Strap (Not Shown)	
203	7115161050	1	Bolt 3/8 x 1-1/4	
204	7660162601	1	Nut 3/8	
205	7950160141	2	Washer 3/8	
206	7274000005	2	Clamp	
	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	
	1001156911	Ref	SUBFRAME INSTALLATION	A
401	4706005903	1	Plate	
402	4706006397	1	Plate	
403	4706006442	2	Plate (Rear)	
404	4811001194	2	Plate	
405	1001127387	2	Shim	
406	7577000693	1	Kit, Saddle Bolts (Not Shown)	
406A	7115181650	26	Bolt 1/2 x 2	
406B	7950180153	26	Washer 1/2	

SECTION 1 - SUBFRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
406C	7660182601	26	Nut 1/2	
407	7115141650	2	Bolt 1/4 x 2	
408	7950140003	2	Washer 1/4	
409	7950140143	2	Washer 1/4	
410	7661000022	2	Nut 5/16	
411	7661000042	2	Nut, Tinnerman 1/4	
412	4706003198	1	Plate	
413	7115150850	1	Bolt 5/16 x 1	
414	7950150161	2	Washer 5/16	
415	7660152601	1	Nut 5/16	
416	4706005906	2	Plate	
417	4706005907	1	Plate	

FIGURE 1-17. CHASSIS MOUNTING KIT - FORD 2011-2016 F650/F750 GAS

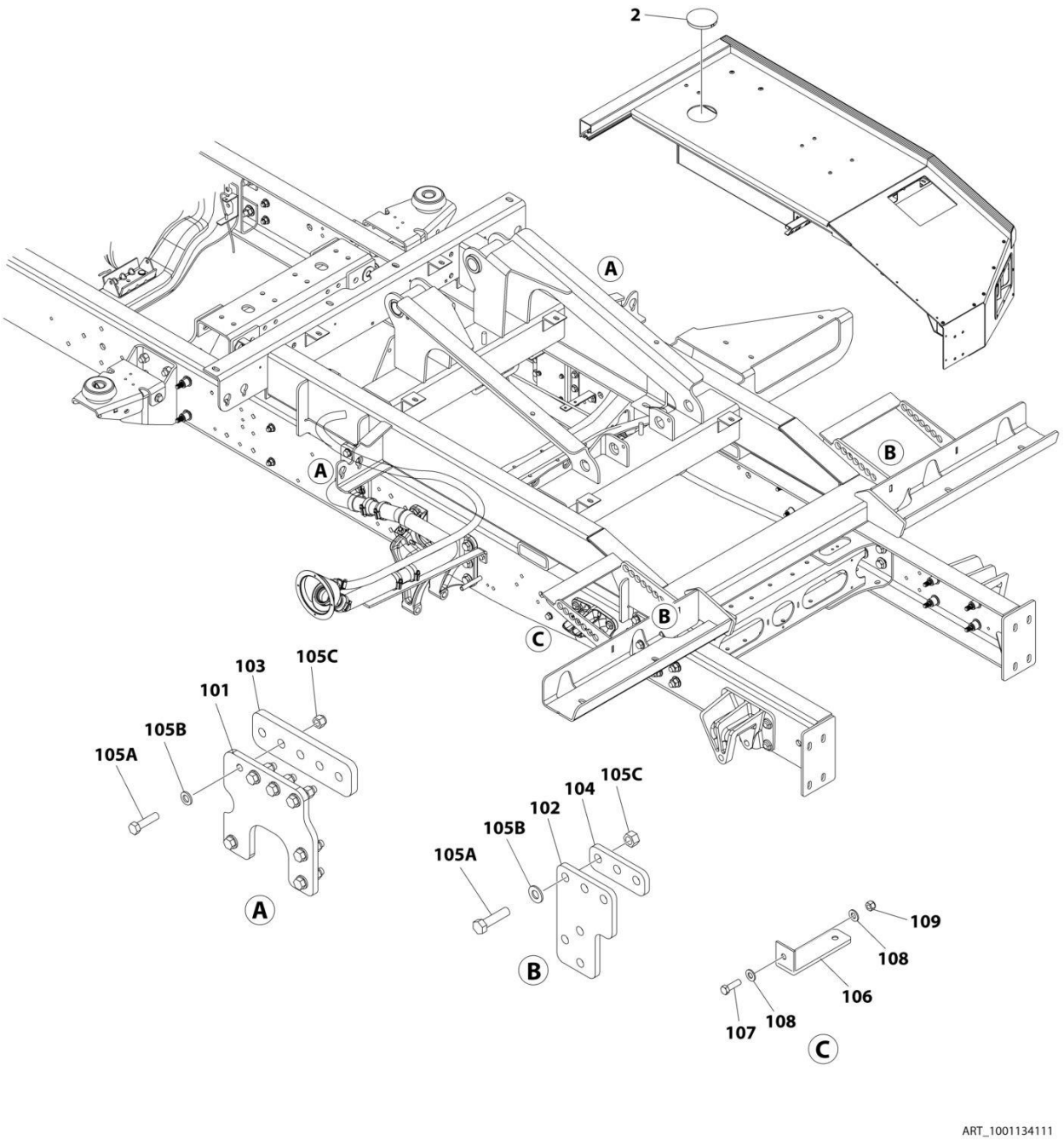
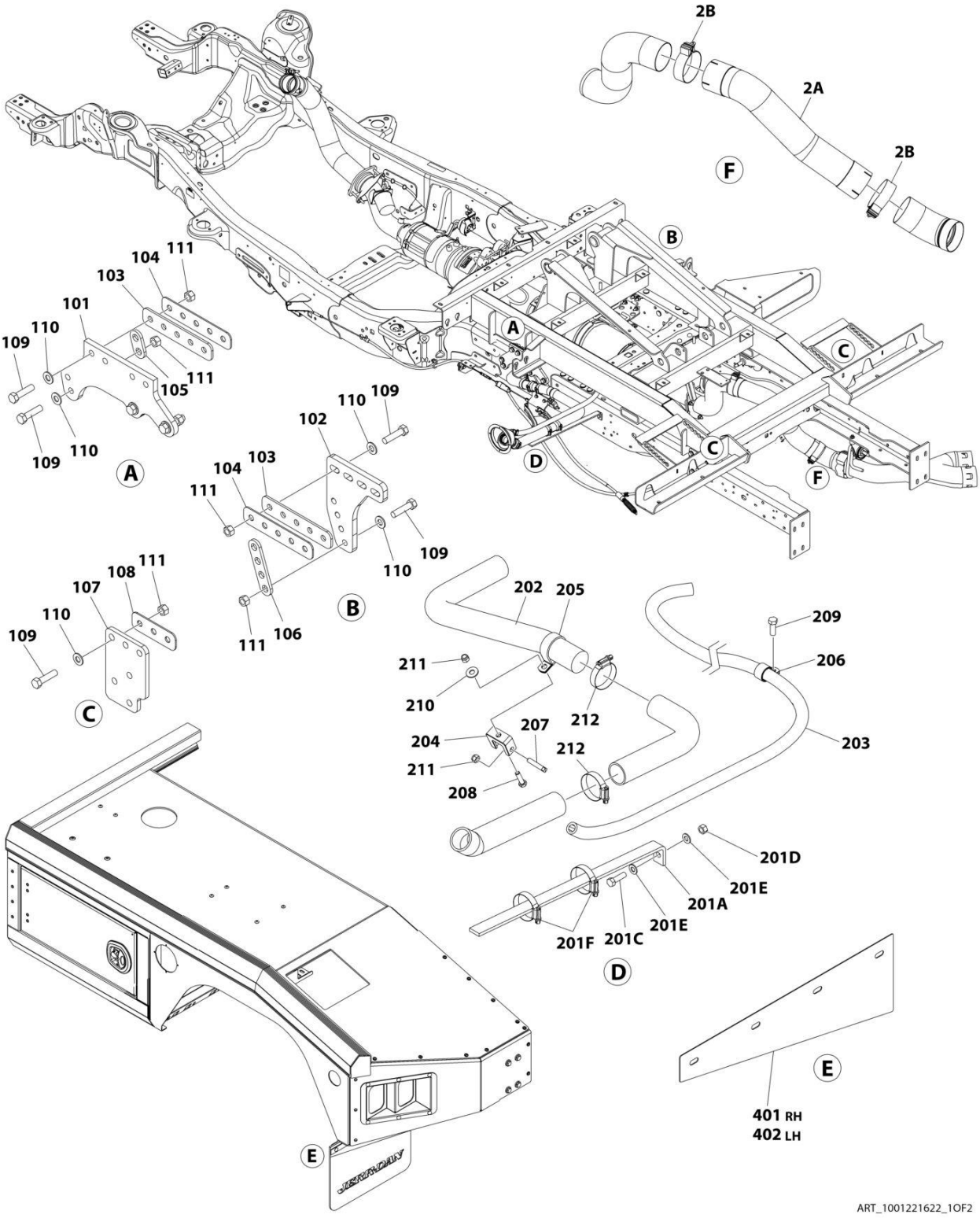


FIGURE 1-17. CHASSIS MOUNTING KIT - FORD 2011-2016 F650/F750 GAS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001134111	Ref	CHASSIS MOUNTING KIT - FORD 2011-2016 F650/F750 GAS	B
1	1001137357	Ref	Ford Subframe Installation (Not Shown) (See Items 101-109 for Breakdown)	
2	7701000075	1	Plug	
3	7346000210	1	Flasher (Not Shown)	
4	1001129095	4	Terminal (Not Shown)	
5	1001131625	1	Fitting, Straight (FNPTF/ MPP) (Not Shown)	
	1001137357	Ref	SUBFRAME INSTALLATION	A
101	4706005903	2	Plate	
102	4706006442	2	Plate (Rear)	
103	4811001194	2	Plate	
104	1001127387	2	Shim	
105	7577000693	1	Kit, Saddle Bolts (Not Shown)	
105A	7115181650	26	Bolt 1/2 x 2	
105B	7950180153	26	Washer 1/2	
105C	7660182601	26	Nut 1/2	
106	4706003198	1	Plate	
107	7115150850	1	Bolt 5/16 x 1	
108	7950150161	2	Washer 5/16	
109	7660152601	1	Nut 5/16	

FIGURE 1-18. CHASSIS MOUNTING KIT - FORD 2017+ DIESEL WITH 60IN CA



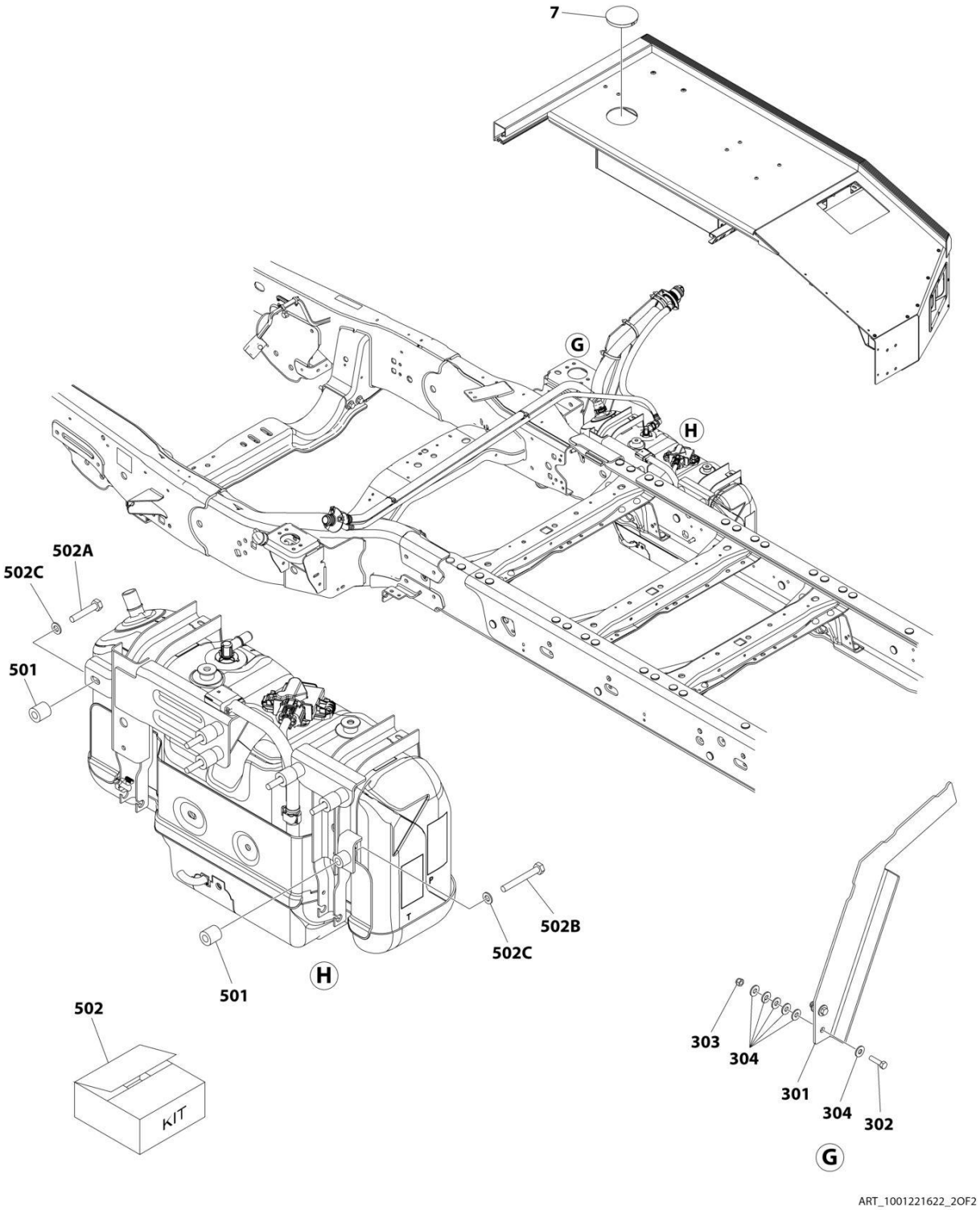
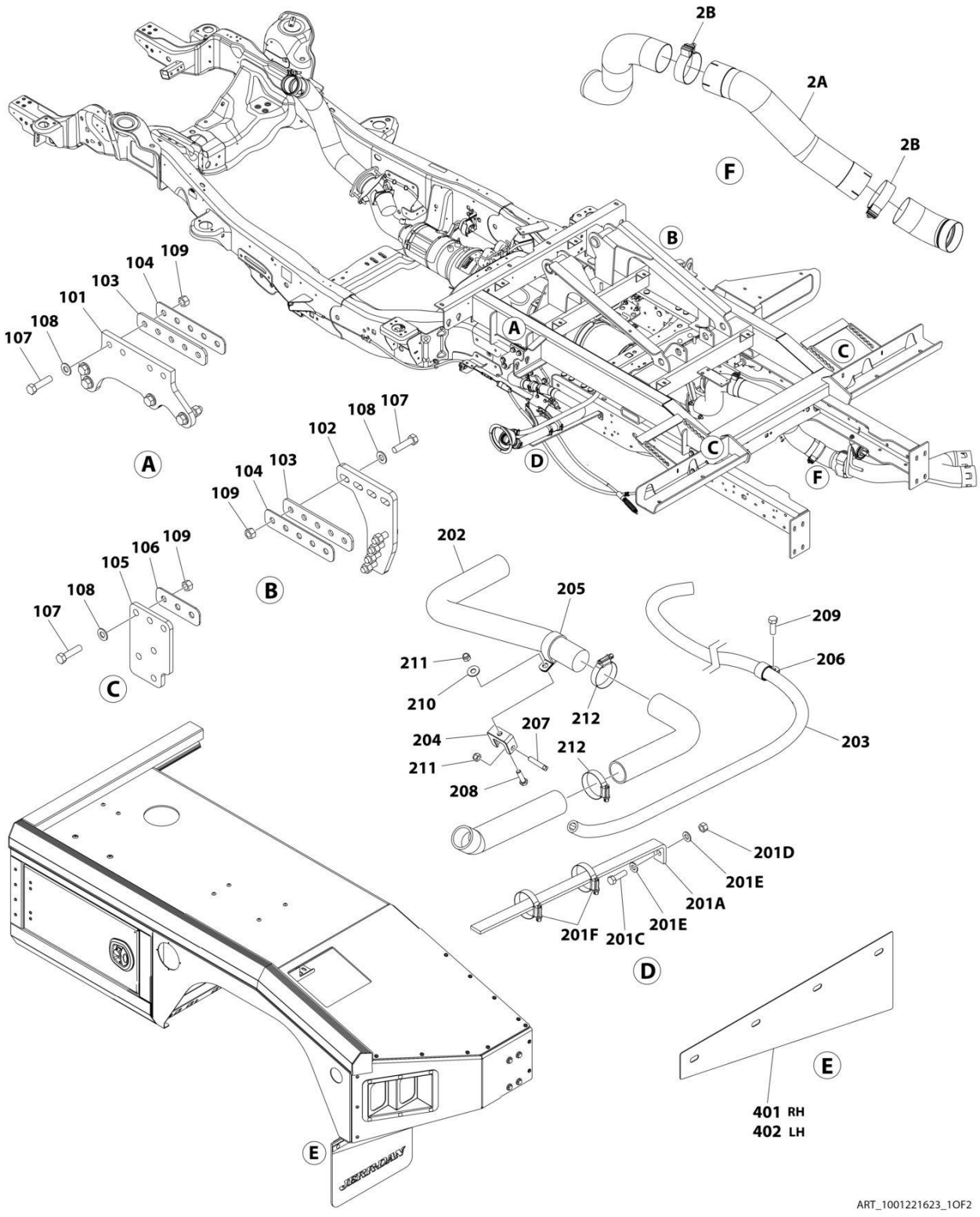

7
G
H
502A
502C
501
502B
502C
H
501
502
KIT
303
304
301
304
302
G
ART_1001221622_2OF2

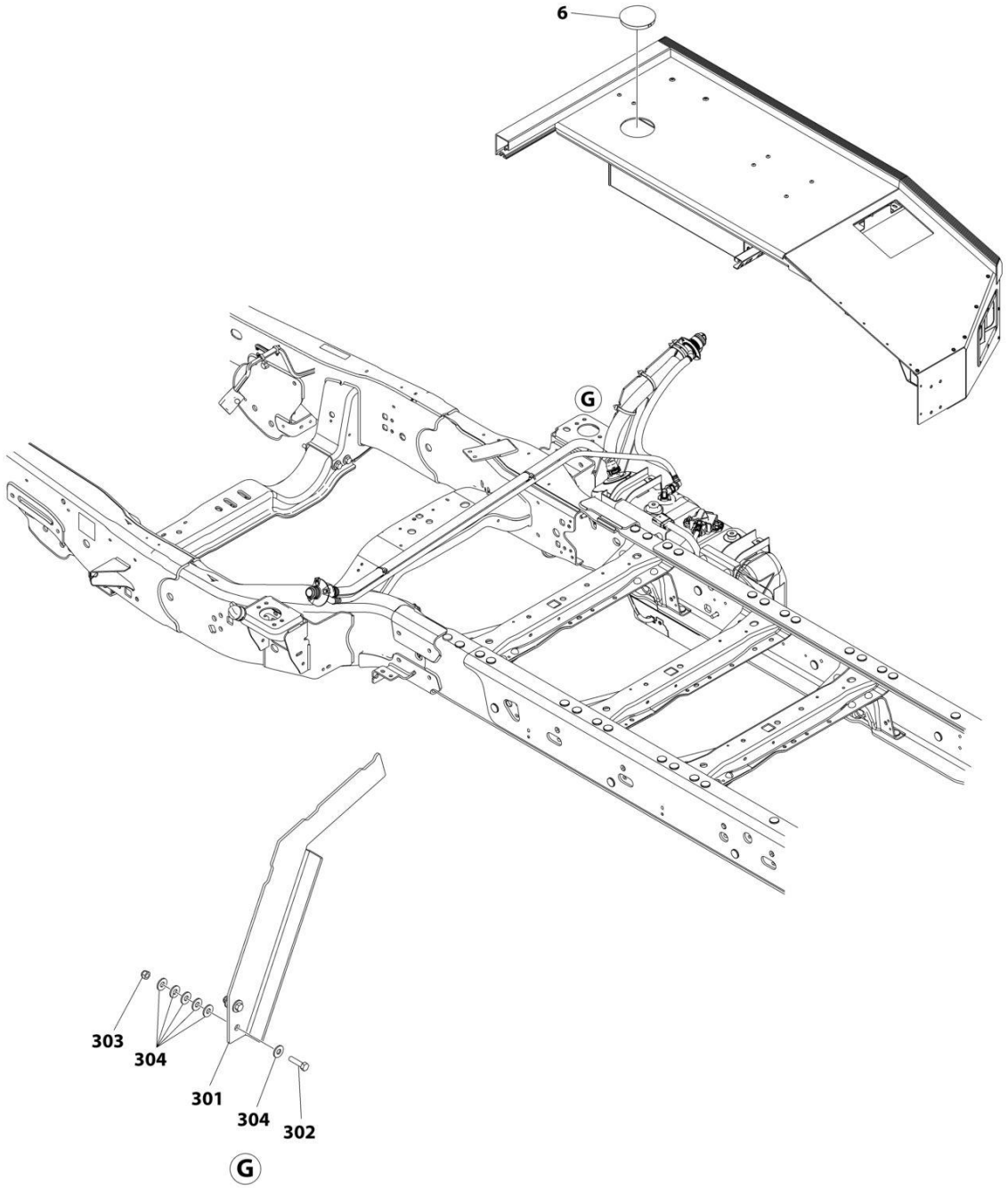
FIGURE 1-18. CHASSIS MOUNTING KIT - FORD 2017+ DIESEL WITH 60IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221622	Ref	CHASSIS MOUNTING KIT - FORD 2017+ DIESEL WITH 60IN CA	C
1	1001221591	Ref	Subframe Installation (Not Shown) (See Items 101-111 for Breakdown)	
2	1001221664	Ref	Exhaust Rework Installation (Not Shown)	
2A	1001221874	1	Pipe, Exhaust	
2B	7274000111	2	Clamp, Exhaust	
3	1001224887	Ref	Fuel Filler Installation (Not Shown) (See Items 201-213 for Breakdown)	
4	1001220909	Ref	Tank Filler Installation (Not Shown) (See Items 301-305 for Breakdown)	
5	1001221651	Ref	Anti-Sail Brackets Installation (Not Shown) (See Items 401-402 for Breakdown)	
6	1001220832	Ref	Rework DEF Tank Installation (Not Shown) (See Items 501-502 for Breakdown)	
7	7701000075	1	Plug	
	1001221591	Ref	SUBFRAME INSTALLATION	A
101	1001221468	1	Plate	
102	1001220078	1	Plate, Saddle	
103	4706005906	2	Plate	
104	4811001194	2	Plate	
105	1001221624	1	Shim	
106	1001221625	1	Shim	
107	4706006442	2	Plate, Saddle	
108	1001127387	2	Shim	
109	0681816	28	Bolt 1/2 x 2	
110	4711800	28	Nut 1/2	
111	3271805	28	Washer 1/2	
	1001224887	Ref	FUEL FILLER INSTALLATION	A
201	2570000171	1	Fuel Filler Support (Not Shown)	
201A	4533000415	1	Gas Filler Bracket	
201B	5526000553	8	Tie-Strap (Not Shown)	
201C	7115161050	1	Bolt 3/8 x 1-1/4	
201D	7660162601	1	Nut 3/8	
201E	7950160141	2	Washer 3/8	
201F	7274000005	2	Clamp	
202	7570000037	1	Hose	
203	7570000017	1	Hose	
204	7274000076	1	Clamp	
205	7274000071	1	Clamp	
206	7274000105	1	Clamp	
207	7785152420	1	Screw 5/16 x 1-1/2	
208	7115151050	1	Bolt 5/16 x 1-1/4	
209	3941506	1	Tap Screw	
210	7950150161	1	Washer 5/16	
211	7660152601	2	Nut 5/16	
212	7274000005	2	Clamp	
213	7443000483	1	Fitting (Not Shown)	
	1001220909	Ref	TANK FILLER INSTALLATION	B
301	1001221232	1	Bracket	
302	0641510	2	Bolt 5/16 x 1-1/4	
303	7660152601	2	Nut 5/16	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
304	4751500	12	Washer 5/16	
305	5526000553	4	Tie-Strap (Not Shown)	
	1001221651	Ref	ANTI-SAIL BRACKETS INSTALLATION	A
401	1001221652	1	Bracket, Anti-Sail RH	
402	1001221653	1	Bracket, Anti-Sail LH	
	1001220832	Ref	REWORK DEF TANK INSTALLATION	A
501	1001220833	6	Shim	
502	1001221065	1	Tank Hardware Kit	
502A	0701019	1	Bolt M10 x 55	
502B	0701024	5	Bolt M10 x 80	
502C	4812000	6	Washer M10	

FIGURE 1-19. CHASSIS MOUNTING KIT - FORD 2017+ DIESEL WITH 84IN CA





ART_1001221623_2OF2

FIGURE 1-19. CHASSIS MOUNTING KIT - FORD 2017+ DIESEL WITH 84IN CA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221623	Ref	CHASSIS MOUNTING KIT - FORD 2017+ DIESEL WITH 84IN CA	C
1	1001221592	Ref	Subframe Installation (Not Shown) (See Items 101-109 for Breakdown)	
2	1001221664	Ref	Exhaust Rework Installation (Not Shown)	
2A	1001221874	1	Pipe, Exhaust	
2B	7274000111	2	Clamp, Exhaust	
3	1001224887	Ref	Fuel Filler Installation (Not Shown) (See Items 201-213 for Breakdown)	
4	1001220909	Ref	Tank Filler Installation (Not Shown) (See Items 301-305 for Breakdown)	
5	1001221651	Ref	Anti-Sail Brackets Installation (Not Shown) (See Items 401-402 for Breakdown)	
6	7701000075	1	Plug	
	1001221592	Ref	SUBFRAME INSTALLATION	A
101	1001221468	1	Plate	
102	1001220078	1	Plate, Saddle	
103	4706005906	2	Plate	
104	4811001194	2	Plate	
105	4706006442	2	Plate, Rear Saddle	
106	1001127387	2	Shim	
107	0681816	28	Bolt 1/2 x 2	
108	4711800	28	Washer 1/2	
109	3271805	28	Nut 1/2	
	1001224887	Ref	FUEL FILLER INSTALLATION	A
201	2570000171	1	Fuel Filler Support (Not Shown)	
201A	4533000415	1	Gas Filler Bracket	
201B	5526000553	8	Tie-Strap (Not Shown)	
201C	7115161050	1	Bolt 3/8 x 1-1/4	
201D	7660162601	1	Nut 3/8	
201E	7950160141	2	Washer 3/8	
201F	7274000005	2	Clamp	
202	7570000037	1	Hose	
203	7570000017	1	Hose	
204	7274000076	1	Clamp	
205	7274000071	1	Clamp	
206	7274000105	1	Clamp	
207	7785152420	1	Screw 5/16 x 1-1/2	
208	7115151050	1	Bolt 5/16 x 1-1/4	
209	3941506	1	Tap Screw	
210	7950150161	1	Washer 5/16	
211	7660152601	2	Nut 5/16	
212	7274000005	2	Clamp	
213	7443000483	1	Fitting (Not Shown)	
	1001220909	Ref	TANK FILLER INSTALLATION	B
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)	
	1001221651	Ref	ANTI-SAIL BRACKETS INSTALLATION	A

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
401	1001221652	1	Bracket, Anti-Sail RH	
402	1001221653	1	Bracket, Anti-Sail LH	

FIGURE 1-20. CHASSIS MOUNTING KIT – IHC

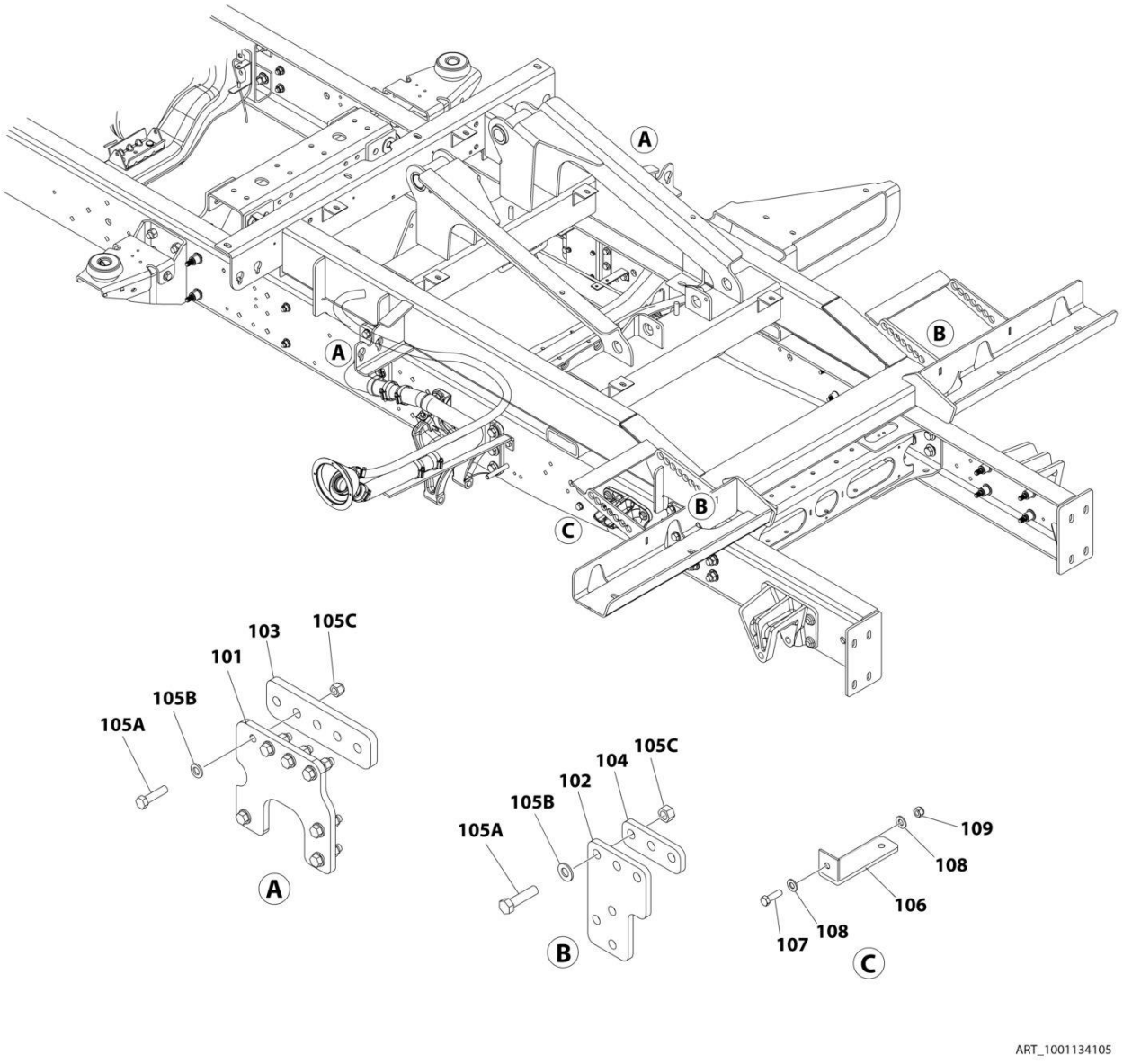


FIGURE 1-20. CHASSIS MOUNTING KIT – IHC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001134105	Ref	CHASSIS MOUNTING KIT - IHC	B
1	1001137357	Ref	Subframe Installation (Not Shown) (See Items 101-109 for Breakdown)	
2	2978000001	1	Remote Module Wiring Installation (Not Shown)	
3	1001131625	1	Fitting, Straight FNPTF/ MPP (Not Shown)	
	1001137357	Ref	SUBFRAME INSTALLATION	A
101	4706005903	2	Plate	
102	4706006442	2	Plate (Rear)	
103	4811001194	2	Plate	
104	1001127387	2	Shim	
105	7577000693	1	Kit, Saddle Bolts (Not Shown)	
105A	7115181650	26	Bolt 1/2 x 2	
105B	7950180153	26	Washer 1/2	
105C	7660182601	26	Nut 1/2	
106	4706003198	1	Plate	
107	7115150850	1	Bolt 5/16 x 1	
108	7950150161	2	Washer 5/16	
109	7660152601	1	Nut 5/16	

FIGURE 1-21. CHASSIS MOUNTING KIT - TERRASTAR

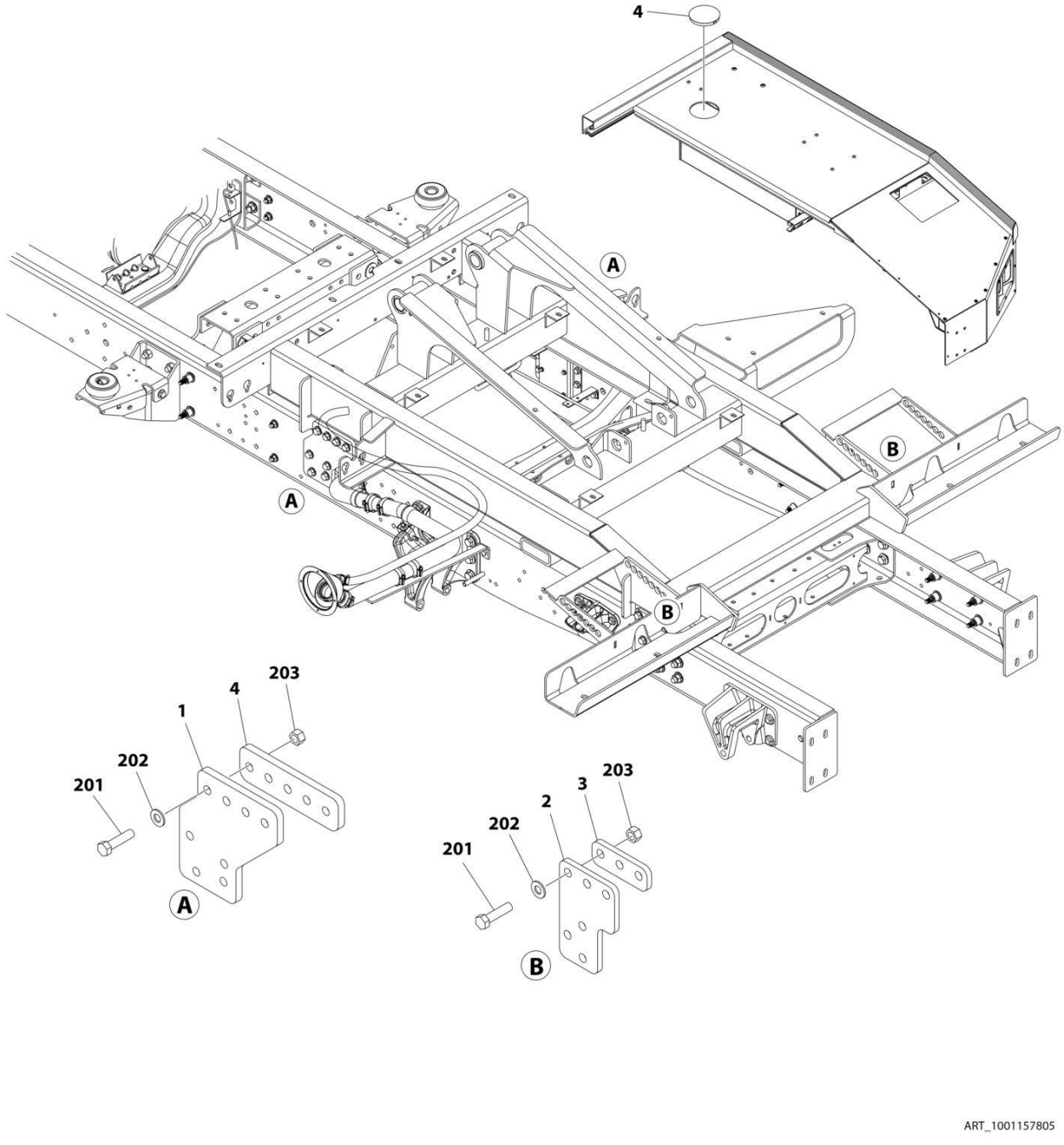


FIGURE 1-21. CHASSIS MOUNTING KIT - TERRASTAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157805	Ref	CHASSIS MOUNTING KIT - TERRASTAR	A
1	4706005904	2	Plate	
2	4706006442	2	Plate	
3	1001127387	2	Shim	
4	4706005906	2	Plate	
5	7577000693	1	Kit, Saddle Bolt (Not Shown)	
201	7115181650	26	Bolt 1/2 x 2	
202	7950180153	26	Washer 1/2	
203	7660182601	26	Nut 1/2	

FIGURE 1-22. MUDFLAPS INSTALLATION - CUSTOMER SUPPLIED (NARROW) (ALUMINUM BODY)

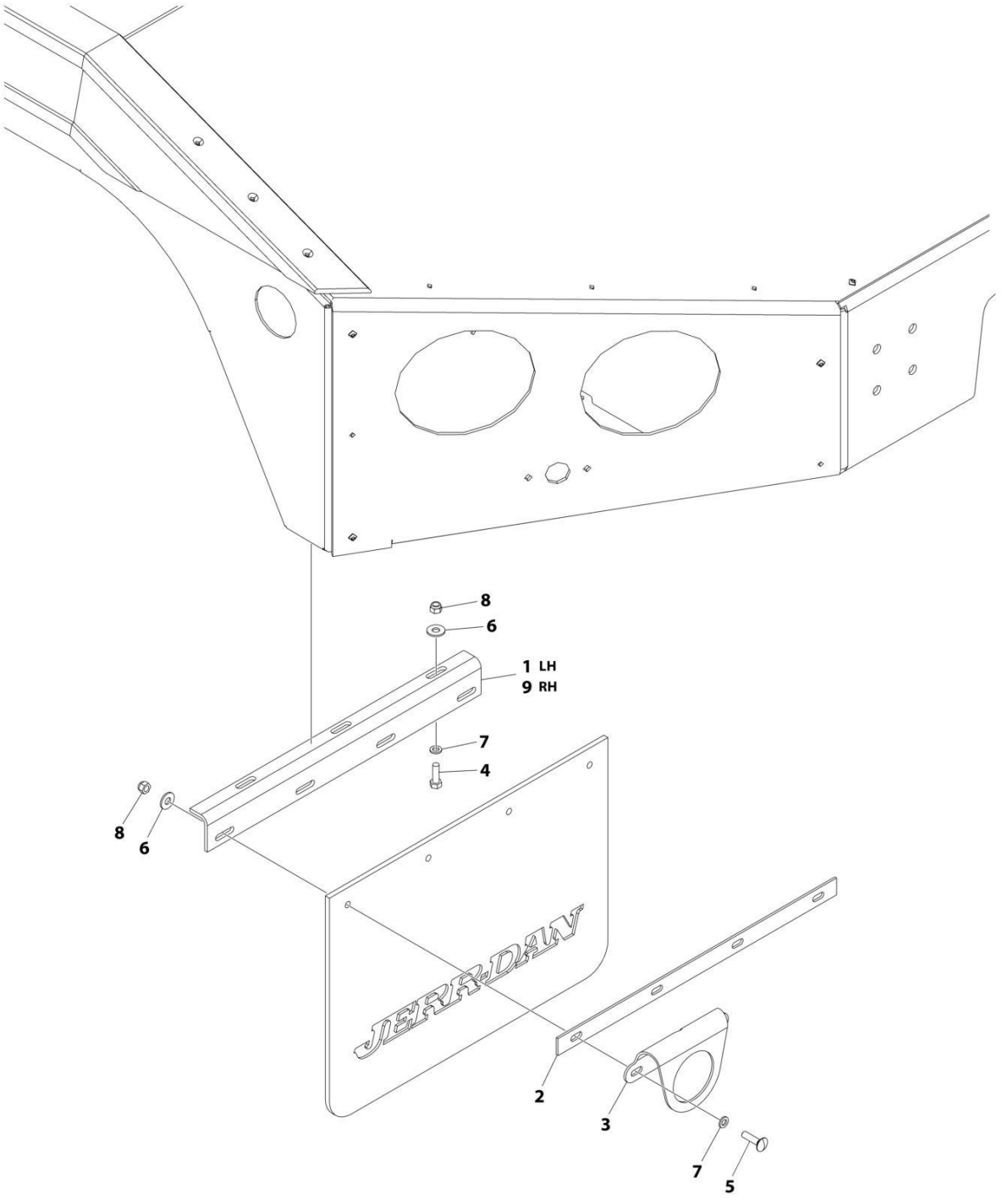


FIGURE 1-22. MUDFLAPS INSTALLATION - CUSTOMER SUPPLIED (NARROW) (ALUMINUM BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139499	Ref	MUDFLAPS INSTALLATION	B
1	4017000478	1	Angle	
2	4706001123	2	Plate	
3	4178000073	2	Bracket	
4	7111150850	6	Bolt 5/16 x 1	
5	7111151010	8	Screw 5/16 x 1-1/4	
6	7950150161	14	Washer 5/16	
7	7950150000	14	Washer 5/16	
8	7660150000	14	Nut 5/16	
9	4017000482	1	Angle	

FIGURE 1-23. MUDFLAPS INSTALLATION - CUSTOMER SUPPLIED (NARROW) (STEEL BODY)

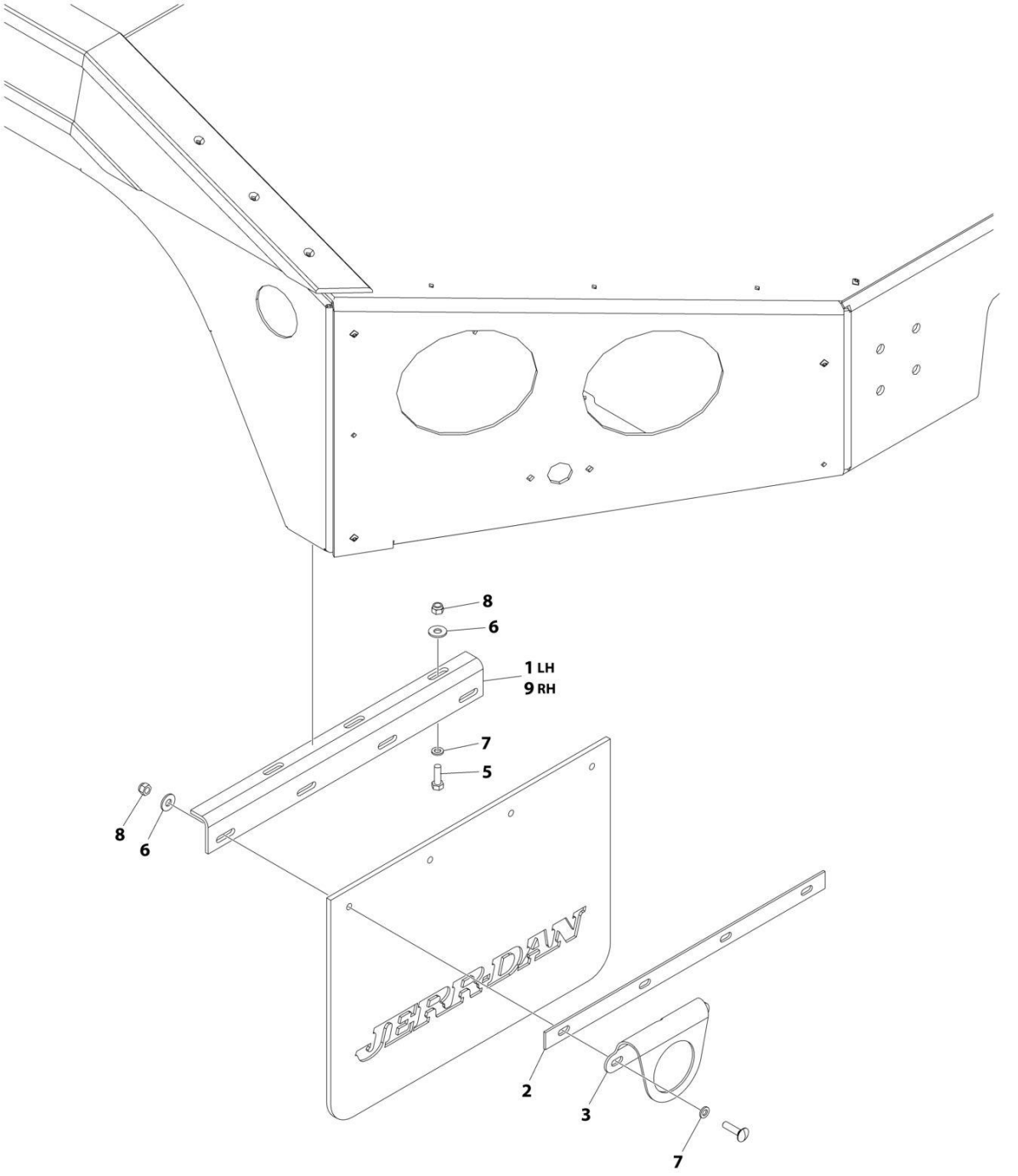


FIGURE 1-23. MUDFLAPS INSTALLATION - CUSTOMER SUPPLIED (NARROW) (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139501	Ref	MUDFLAPS INSTALLATION	A
1	4017000492	1	Angle	
2	4706001123	2	Plate	
3	4178000073	2	Bracket	
5	7111150850	6	Bolt 5/16 x 1	
6	7950150161	14	Washer 5/16	
7	7950150000	14	Washer 5/16	
8	7660150000	14	Nut 5/16	
9	4017000493	1	Angle	

FIGURE 1-24. MUDFLAPS INSTALLATION - CUSTOMER SUPPLIED (WIDE) (ALUMINUM BODY)

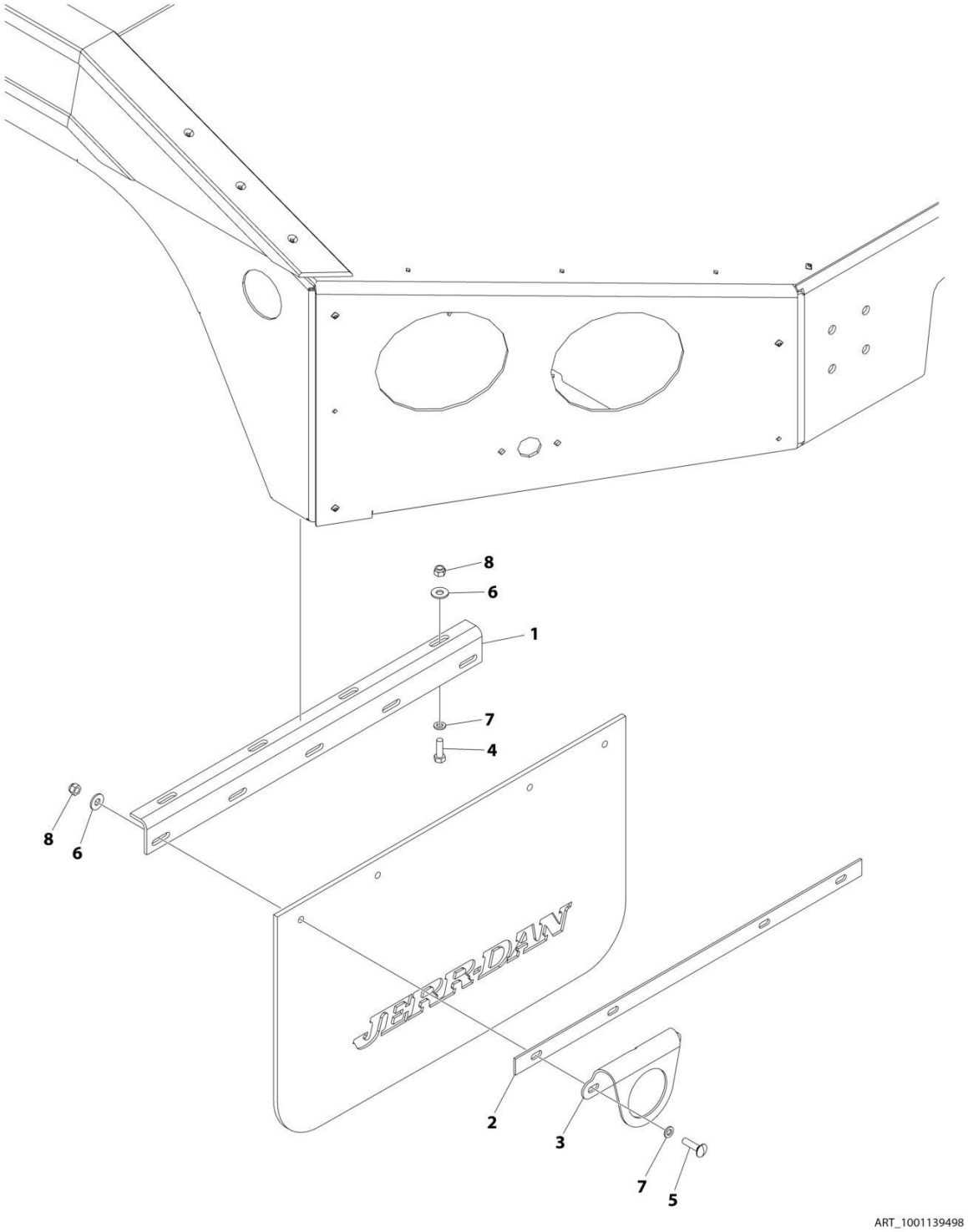


FIGURE 1-24. MUDFLAPS INSTALLATION - CUSTOMER SUPPLIED (WIDE) (ALUMINUM BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139498	Ref	MUDFLAPS INSTALLATION	B
1	4017000481	2	Angle	
2	4706001125	2	Plate	
3	4178000073	2	Bracket	
4	7111150850	6	Bolt 5/16 x 1	
5	7111151010	8	Screw 5/16 x 1-1/4	
6	7950150161	14	Washer 5/16	
7	7950150000	14	Washer 5/16	
8	7660150000	14	Nut 5/16	

FIGURE 1-25. MUDFLAPS INSTALLATION - CUSTOMER SUPPLIED (WIDE) (STEEL BODY)

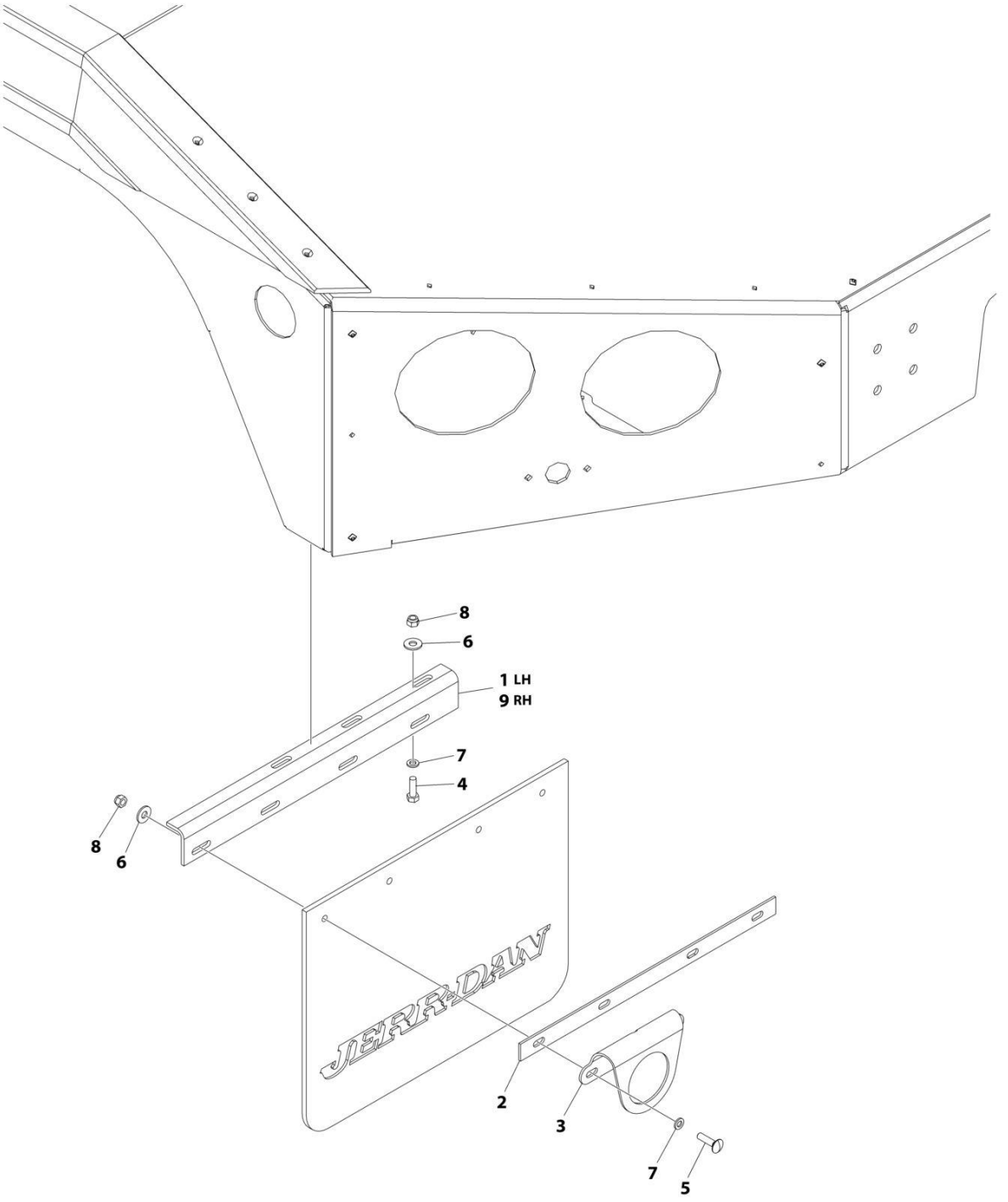


FIGURE 1-25. MUDFLAPS INSTALLATION - CUSTOMER SUPPLIED (WIDE) (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139500	Ref	MUDFLAPS INSTALLATION	A
1	4017000494	1	Angle	
2	4706001124	2	Plate	
3	4178000073	2	Bracket	
4	7111150850	6	Bolt 5/16 x 1	
5	7111151010	8	Screw 5/16 x 1-1/4	
6	7950150161	14	Washer 5/16	
7	7950150000	14	Washer 5/16	
8	7660150000	14	Nut 5/16	
9	4017000495	1	Angle	

FIGURE 1-26. MUDFLAPS INSTALLATION - CUSTOMER SUPPLIED (EXTRA WIDE) (STEEL BODY)

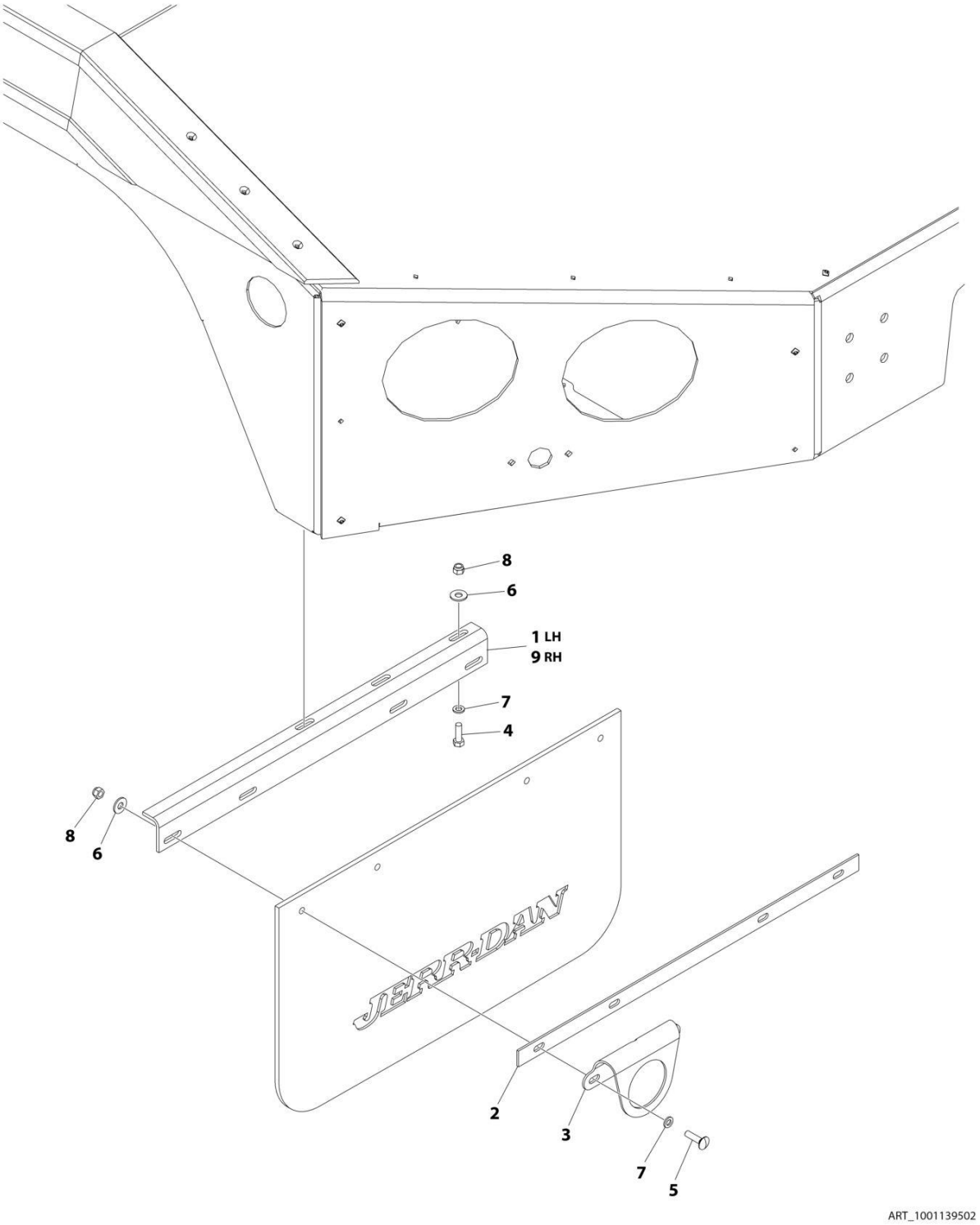


FIGURE 1-26. MUDFLAPS INSTALLATION - CUSTOMER SUPPLIED (EXTRA WIDE) (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139502	Ref	MUDFLAPS INSTALLATION	A
1	4017000496	1	Angle	
2	4706001125	2	Plate	
3	4178000073	2	Bracket	
4	7111150850	6	Bolt 5/16 x 1	
5	7111151010	8	Screw 5/16 x 1-1/4	
6	7950150161	14	Washer 5/16	
7	7950150000	14	Washer 5/16	
8	7660150000	14	Nut 5/16	
9	4017000497	1	Angle	

FIGURE 1-27. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (24IN WIDE) (ALUMINUM BODY ON IHC – HIGH BASE)

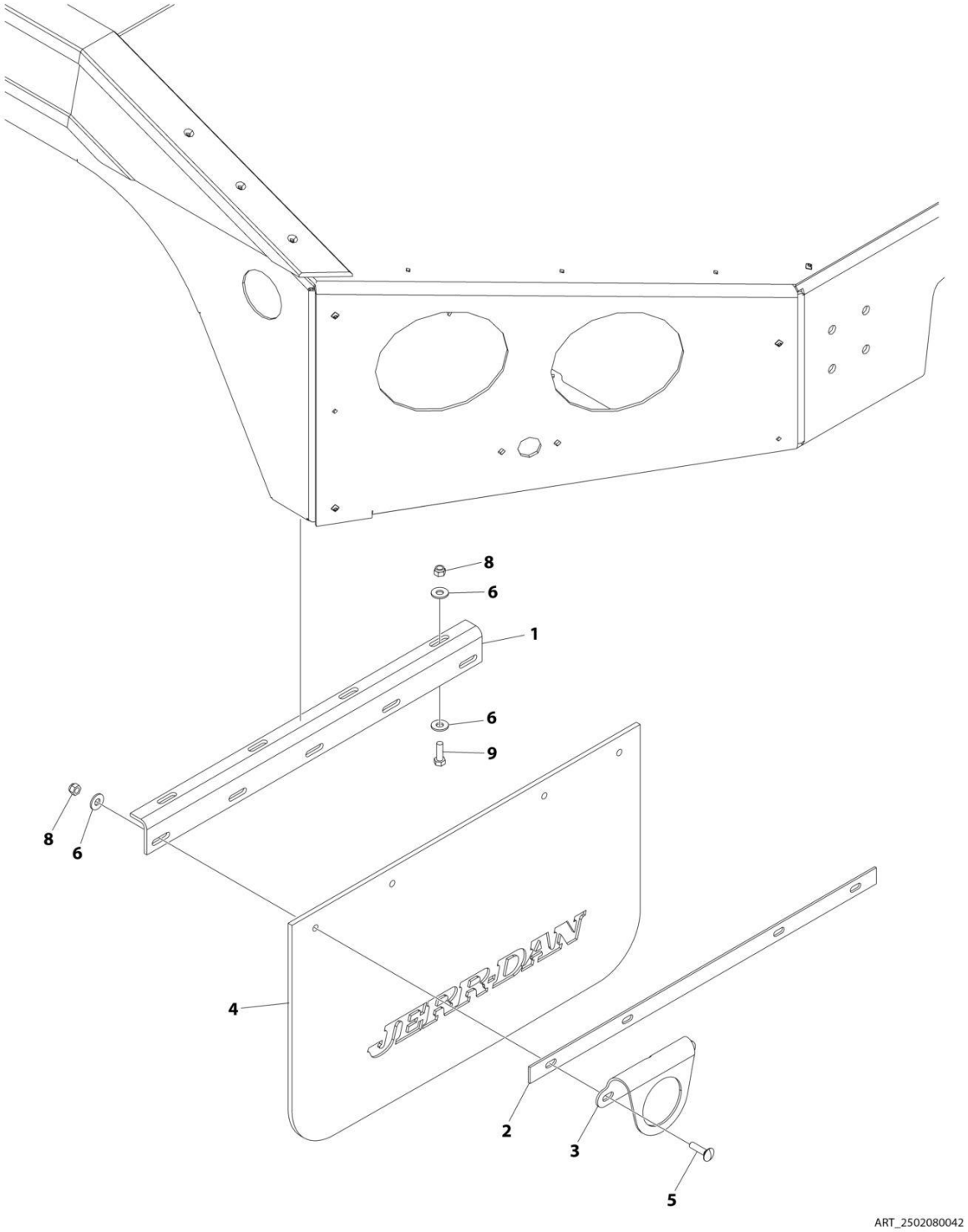


FIGURE 1-27. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (24IN WIDE) (ALUMINUM BODY ON IHC – HIGH BASE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080042	Ref	MUDFLAPS INSTALLATION	B
1	4017000481	2	Angle	
2	4706001125	2	Plate	
3	4178000073	2	Bracket	
4	4638000001	2	Mud Flap	
5	7115151064	8	Bolt 5/16 x 1-1/4	
6	4751500	20	Washer 5/16	
8	7660152601	14	Nut 5/16	
9	0641508	6	Bolt 5/16 x 1	

FIGURE 1-28. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (24IN WIDE) (STEEL BODY ON IHC – HIGH BASE)

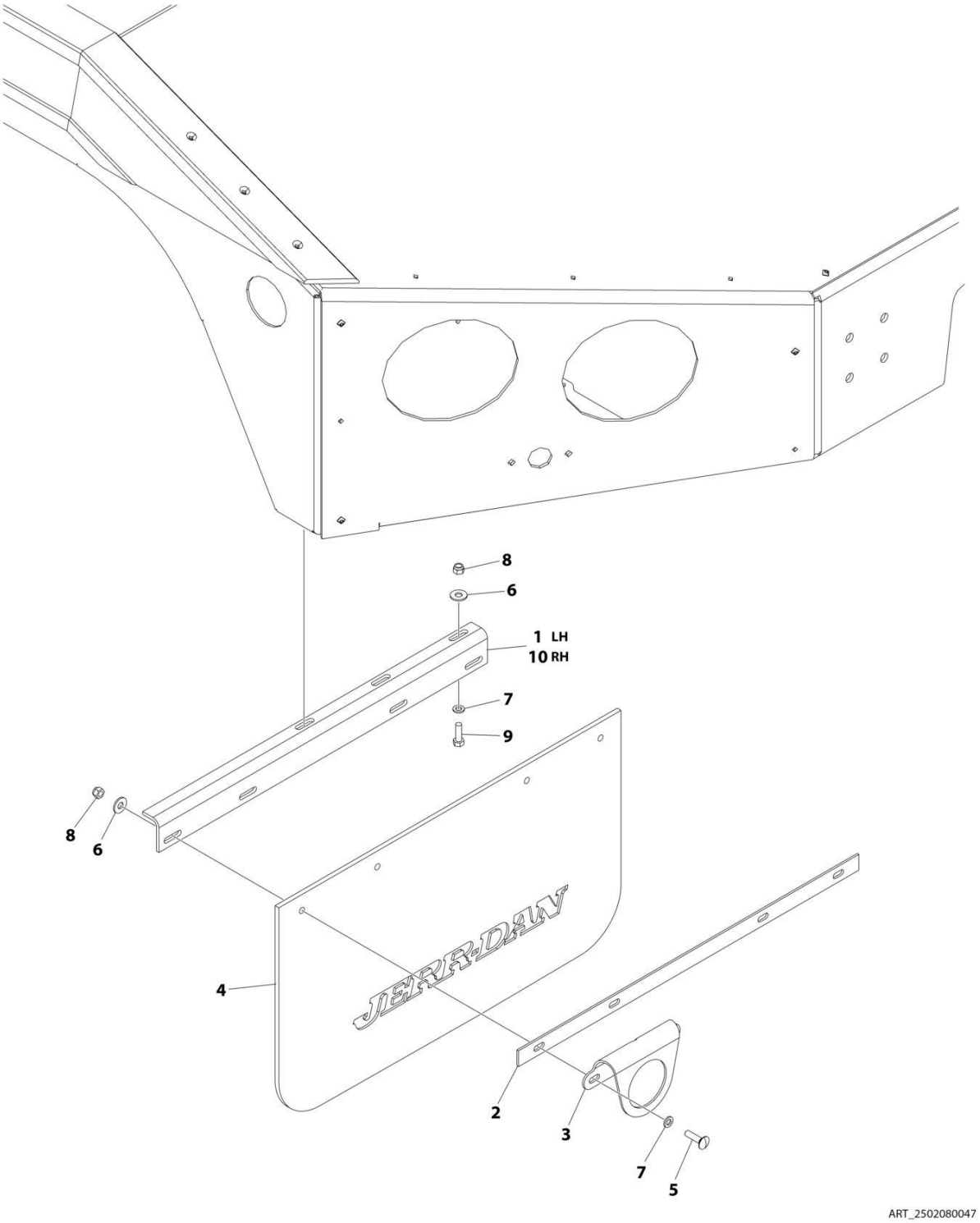


FIGURE 1-28. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (24IN WIDE) (STEEL BODY ON IHC – HIGH BASE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080047	Ref	MUDFLAPS INSTALLATION	0
1	4017000496	1	Angle	
2	4706001125	2	Plate	
3	4178000073	2	Bracket	
4	4638000001	2	Mud Flap	
5	7111151010	8	Screw 5/16 x 1-1/4	
6	7950150161	14	Washer 5/16	
7	7950150000	14	Washer 5/16	
8	7660150000	14	Nut 5/16	
9	7111150850	6	Bolt 5/16 x 1	
10	4017000497	1	Angle	

FIGURE 1-29. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (19IN WIDE) (ALUMINUM BODY – WIDE TRACK)

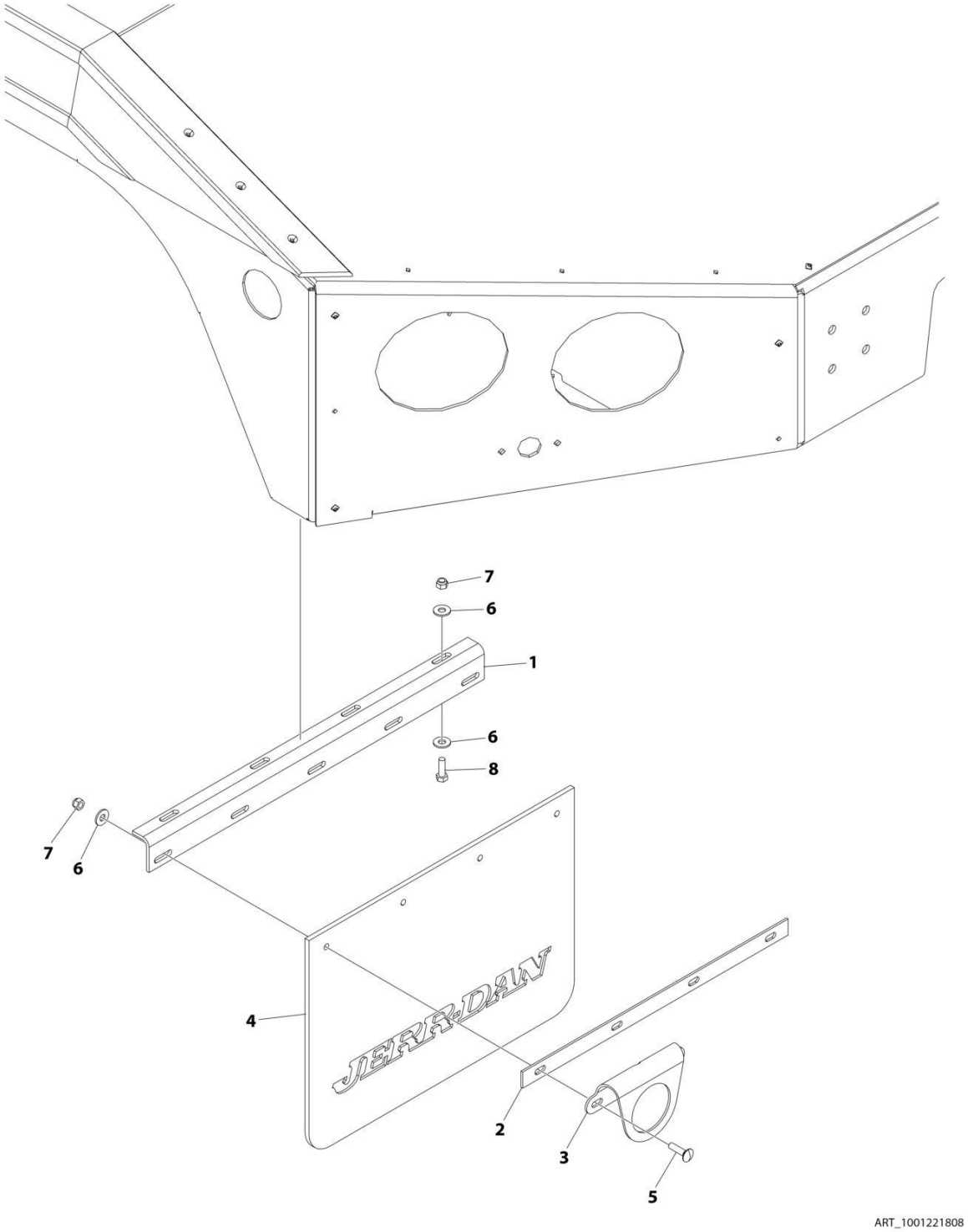


FIGURE 1-29. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (19IN WIDE) (ALUMINUM BODY – WIDE TRACK)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221808	Ref	MUDFLAPS INSTALLATION	A
1	4017000481	2	Angle	
2	4706001123	2	Plate	
3	4178000073	2	Bracket	
4	7638000003	2	Mud Flap	
5	7115151064	8	Bolt 5/16 x 1-1/4	
6	4751500	20	Washer 5/16	
7	7660152601	14	Nut 5/16	
8	0641508	6	Bolt 5/16 x 1	

SECTION 2 - BOOM

SECTION 2 - BOOM

FIGURE 2-1. BOOM INSTALLATION - 8K LBS BOOM (8000 LBS SINGLE WINCH)

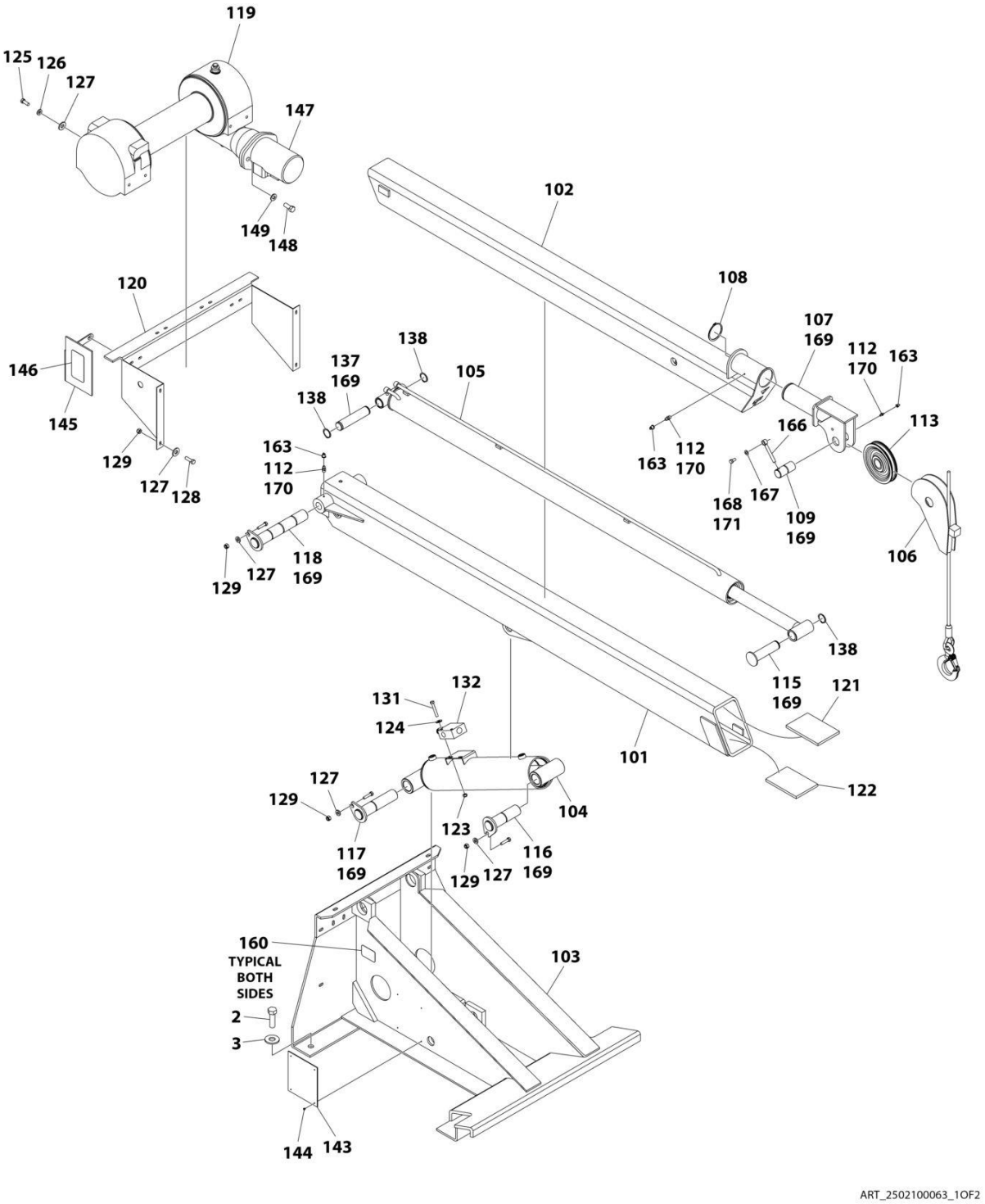


FIGURE 2-1. BOOM INSTALLATION - 8K LBS BOOM (8000 LBS SINGLE WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502100063	Ref	WRECKER BOOM - SINGLE 8000 LBS WINCH	C
1	3502100014	1	Wrecker Boom Assembly (Not Shown) (Includes Items 101-172)	
2	7115245650	4	Bolt 7/8 x 7	
3	7950240162	4	Washer 7/8	
4	3020039	AR	Lubricant (Not Shown)	
	3502100014	Ref	WRECKER BOOM ASSEMBLY	Q
101	3170000067	1	Base Boom	
102	3170000066	1	Fly Boom	
103	3073000005	1	Frame	
104	3320000044	1	Cylinder Assembly (See Separate Breakdown in this Section)	
105	3320000045	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
106	3510900068	1	Cable Guide **(Prior to SN 0230003739)**	
106	1001206167	1	Cable Guide **(SN 0230003739 to Present)**	
107	3512900006	1	Sheave Support **(Prior to SN 0230003739)**	
107	1001206161	1	Sheave Support **(SN 0230003739 to Present)**	
108	7754000005	1	Ring Retaining	
109	3691000002	1	Pin **(Prior to SN 0230003739)**	
109	1001206171	1	Pin **(SN 0230003739 to Present)**	
110	7754000006	1	Ring Retaining **(Prior to SN 0230003739)**	
111	4209000019	2	Bushing **(Prior to SN 0230003739)**	
112	7440030000	7	Fitting, Grease **(Prior to SN 0230003739)**	
112	88671008	7	Fitting, Grease **(SN 0230003739 to Present)**	
113	7809000001	1	Sheave	
115	3691000113	1	Pin	
116	3691000103	1	Pin	
117	3691000104	1	Pin	
118	3691000105	1	Pin	
119	7970000104	1	Winch (RH) (See Separate Breakdown in this Section)	
120	4314000024	1	Cover Plate	
121	4679000088	1	Pad	
122	4679000089	1	Pad	
123	7660152601	2	Nut 5/16	
124	4751500	2	Washer 5/16	
125	0641608	8	Bolt 3/8 x 1	
126	4761600	8	Washer 3/8	
127	4891600	19	Washer 3/8	
128	0641610	4	Bolt 3/8 x 1-1/4	
129	7660162601	7	Nut 3/8	
131	0641516	2	Bolt 5/16 x 2	
132	7935000001	1	Counterbalance Valve **(Prior to SN 0230002518)**	
132	7935000308	1	Counterbalance Valve **(SN 0230002518 to Present)**	
137	4691000120	1	Pin	
138	7754000019	3	Ring Retaining	
140	7701000030	2	Plug (Not Shown)	
143	7330000145	1	Decal **(Prior to SN 0230002518)**	
143	1001132574	1	Decal **(SN 0230002518 to Present)**	
144	7759000004	4	Rivet	
145	4706001255	1	Plate	
146	7330000138	1	Decal	

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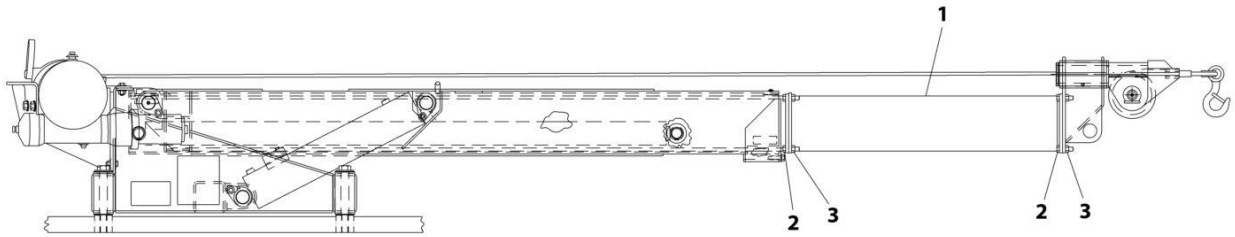
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
147	7626000014	1	Motor (See Separate Breakdown in this Section)	
148	0641812	2	Bolt 1/2 x 1-1/2	
149	7950180400	2	Washer 1/2	
160	7330000546	2	Decal	
161	7701000068	1	Plug (Not Shown) **(Prior to SN 0230004926)**	
162	7935000174	1	Relief Valve (Not Shown) **(Prior to SN 0230004926)**	
163	7253000002	7	Cap, Grease Fitting	
165	7330000126	1	Decal - Lubrication (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
166	3841143	1	Keeper, Pin **(SN 0230003739 to Present)**	
167	4711600	1	Washer 3/8 **(SN 0230003739 to Present)**	
168	0651606	1	Bolt 3/8 x 3/4 **(SN 0230003739 to Present)**	
169	3020039	AR	Lube **(SN 0230003739 to Present)**	
170	3020029	AR	Grease **(SN 0230003739 to Present)**	
171	1001095650	AR	Adhesive **(SN 0230003739 to Present)**	
172	7330000124	1	Decal - Lubricant (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	

FIGURE 2-2. BOOM EXTENSION INSTALLATION - HPL35 BOLT-ON (SPEEDWAY SPECS) (SN 0230002518 through 0230003297)



ART_1001127743

FIGURE 2-2. BOOM EXTENSION INSTALLATION - HPL35 BOLT-ON (SPEEDWAY SPECS) (SN 0230002518 through 0230003297)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127743	Ref	BOOM EXTENSION INSTALLATION - HPL35 BOLT-ON	0
1	3512100111	1	Extension, Boom - Bolt-on	
2	7115201650	4	Capscrew 5/8 x 2	
3	7660202601	4	Nut 5/8	

FIGURE 2-3. BOOM INSTALLATION - 18.5K LBS BOOM (8000 LBS SINGLE WINCH)

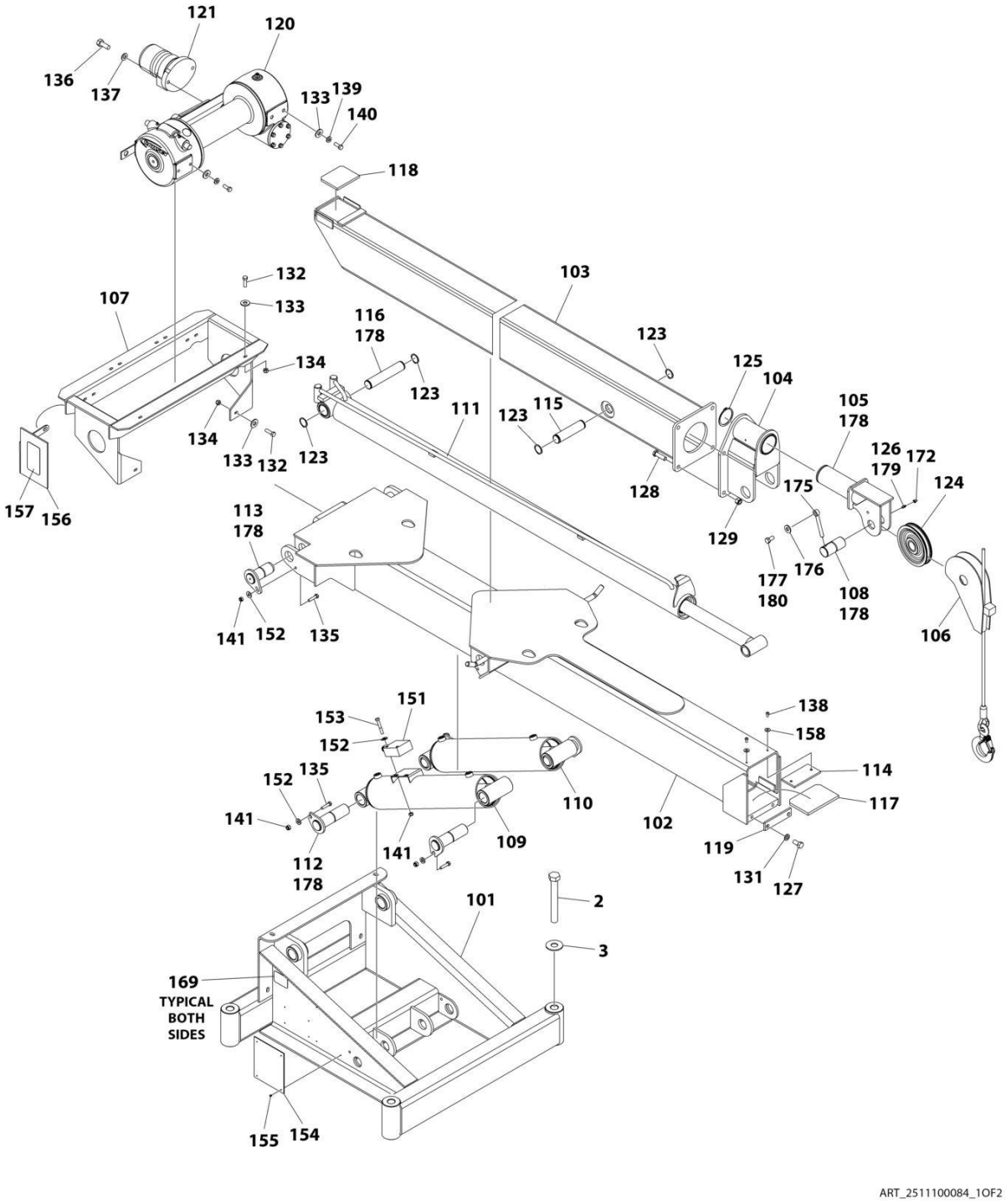


FIGURE 2-3. BOOM INSTALLATION - 18.5K LBS BOOM (8000 LBS SINGLE WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511100084	Ref	WRECKER BOOM - SINGLE 8000 LBS WINCH	C
1	3511100086	1	Wrecker Boom Assembly (Not Shown) (Includes Items 101-181)	
2	7115245650	4	Bolt 7/8 x 7	
3	7950240161	4	Washer 7/8	
4	3020039	AR	Lubricant (Not Shown)	
	3511100086	Ref	WRECKER BOOM ASSEMBLY	R
101	3511100079	1	Frame	
102	3510100062	1	Base Boom	
103	3510100060	1	Fly Boom	
104	3510100058	1	Boom Nose	
105	3512900006	1	Sheave Support **(Prior to SN 0230003739)**	
105	1001206161	1	Sheave Support **(SN 0230003739 to Present)**	
106	3510900068	1	Cable Guide **(Prior to SN 0230003739)**	
106	1001206167	1	Cable Guide **(SN 0230003739 to Present)**	
107	3510100050	1	Single Winch Mount	
108	3691000002	1	Pin **(Prior to SN 0230003739)**	
108	1001206171	1	Pin **(SN 0230003739 to Present)**	
109	3320000011	1	Lift Cylinder Assembly (See Separate Breakdown in this Section)	
110	3320000012	1	Lift Cylinder Assembly (See Separate Breakdown in this Section)	
111	3320000007	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
112	3691000075	4	Pin	
113	3691000076	2	Pin	
114	4706000067	1	Plate	
115	4691000027	1	Pin	
116	4691000179	1	Pin	
117	4679000005	1	Pad	
118	4679000004	1	Pad	
119	4706000160	1	Plate	
120	7970000103	1	Winch (See Separate Breakdown in this Section)	
121	7626000014	1	Orbit Motor (See Separate Breakdown in this Section)	
123	7754000006	5	Ring Retaining **(Prior to SN 0230003739)**	
123	3760133	4	Ring Retaining **(SN 0230003739 to Present)**	
124	7809000001	1	Sheave	
125	7754000005	1	Ring	
126	7440030000	8	Fitting, Grease **(Prior to SN 0230003739)**	
126	88671008	8	Fitting, Grease **(SN 0230003739 to Present)**	
127	0641808	2	Bolt 1/2 x 1	
128	0641812	4	Bolt 1/2 x 1-1/2	
129	7660182601	4	Nut 1/2	
130	4209000019	AR	Bushing **(Prior to SN 0230003739)**	
131	4761800	2	Washer	
132	0641610	4	Bolt 3/8 x 1-1/4	
133	4891600	16	Washer 3/8	
134	7660162601	4	Nut 3/8	
135	0641510	6	Bolt 5/16 x 1-1/4	
136	0641810	2	Bolt 1/2 x 1-1/4	
137	7950180400	2	Washer 1/2	
138	7118140418	2	Capscrew 1/4 x 1/2	
139	4761600	8	Washer 3/8	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
140	0641608	8	Bolt 3/8 x 1	
141	7660152601	8	Nut 5/16	
151	7935000001	1	Counterbalance Valve **(Prior to SN 0230002518)**	
151	7935000308	1	Counterbalance Valve **(SN 0230002518 to Present)**	
152	4751500	8	Washer 5/16	
153	0641516	2	Bolt 5/16 x 2	
154	7330000145	1	Decal **(Prior to SN 0230002518)**	
154	1001132574	1	Decal **(SN 0230002518 to Present)**	
155	7759000004	4	Rivet	
156	4706001255	1	Plate	
157	7330000138	1	Decal	
158	4751400	2	Washer 1/4	
169	7330000546	2	Decal	
170	7701000068	AR	Plug (Not Shown) **(Prior to SN 0230004926)**	
171	7935000174	AR	Relief Valve (Not Shown) **(Prior to SN 0230004926)**	
172	7253000002	8	Cap, Grease Fitting	
174	7330000126	1	Decal - Lubrication (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
175	3841143	1	Keeper, Pin **(SN 0230003739 to Present)**	
176	4711600	1	Washer 3/8 **(SN 0230003739 to Present)**	
177	0651606	1	Bolt 3/8 x 3/4 **(SN 0230003739 to Present)**	
178	3020039	AR	Lube **(SN 0230003739 to Present)**	
179	3020029	AR	Grease **(SN 0230003739 to Present)**	
180	1001095650	AR	Adhesive **(SN 0230003739 to Present)**	
181	7330000124	1	Decal - Lubricant (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	

FIGURE 2-4. BOOM INSTALLATION - 18.5K LBS BOOM (8000 LBS DUAL WINCH)

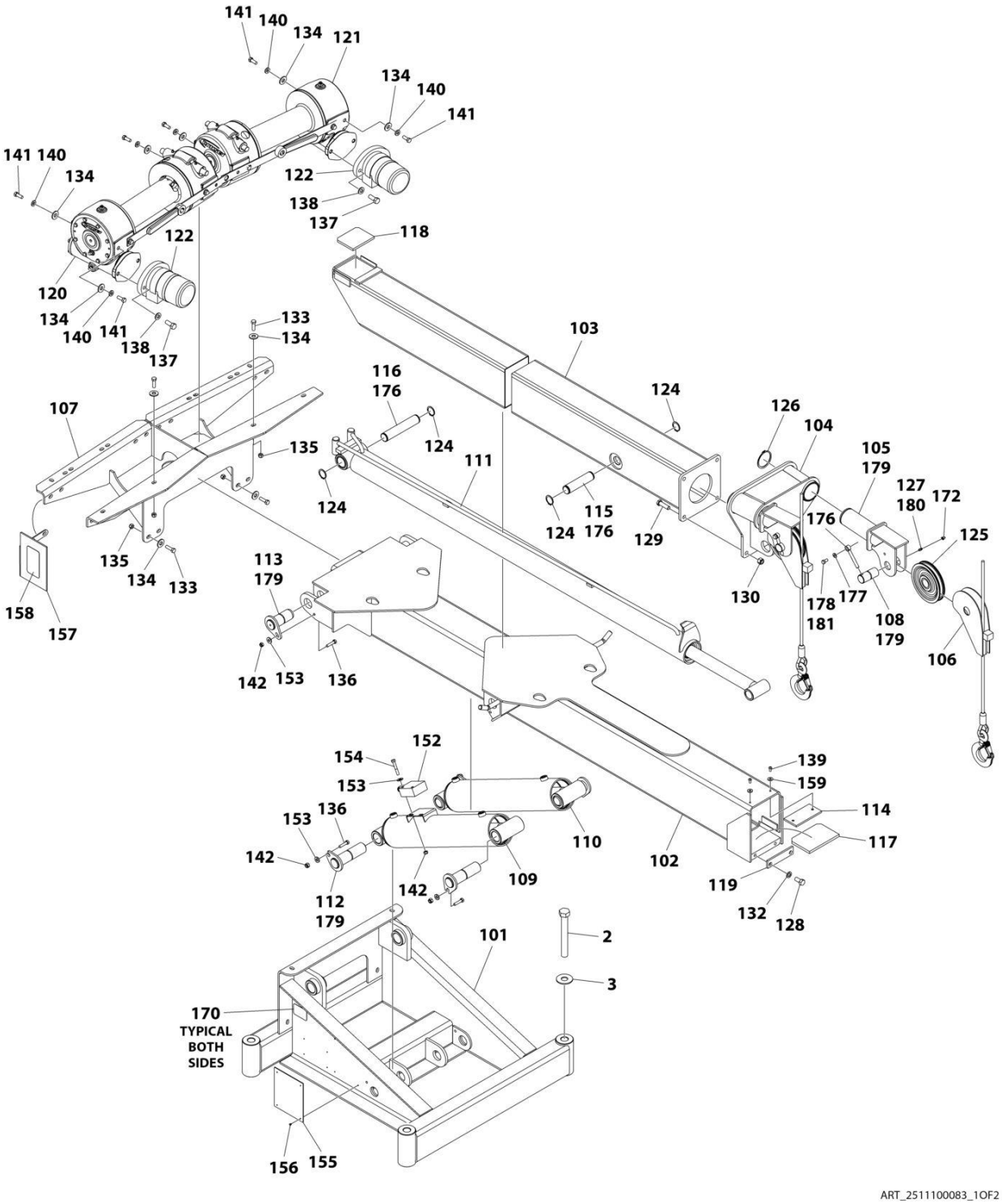

FIGURE 2-4. BOOM INSTALLATION - 18.5K LBS BOOM (8000 LBS DUAL WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511100083	Ref	WRECKER BOOM - DUAL 8000 LBS WINCH	C
1	3511100085	1	Wrecker Boom Assembly (Not Shown) (Includes Items 101-181)	
2	7115245650	4	Bolt 7/8 x 7	
3	7950240161	4	Washer 7/8	
4	3020039	AR	Lubricant (Not Shown)	
	3511100085	Ref	WRECKER BOOM ASSEMBLY	S
101	3511100079	1	Frame	
102	3510100062	1	Base Boom	
103	3510100060	1	Fly Boom	
104	3502100024	1	Boom Nose **(Prior to SN 0230003739)**	
104	1001206499	1	Boom Nose **(SN 0230003739 to Present)**	
105	3502900023	2	Sheave Support **(Prior to SN 0230003739)**	
105	1001206161	2	Sheave Support **(SN 0230003739 to Present)**	
106	3249000002	2	Cable Guide **(Prior to SN 0230003739)**	
106	1001206167	2	Cable Guide **(SN 0230003739 to Present)**	
107	3510100051	1	Dual Winch Mount	
108	3691000134	2	Pin **(Prior to SN 0230003739)**	
108	1001206171	2	Pin **(SN 0230003739 to Present)**	
109	3320000011	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
110	3320000012	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
111	3320000007	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
112	3691000075	4	Pin	
113	3691000076	2	Pin	
114	4706000067	1	Plate	
115	4691000027	1	Pin	
116	4691000179	1	Pin	
117	4679000005	1	Pad	
118	4679000004	1	Pad	
119	4706000160	1	Plate	
120	7970000103	1	Winch (LH) (See Separate Breakdown in this Section)	
121	7970000104	1	Winch (RH) (See Separate Breakdown in this Section)	
122	7626000014	2	Motor (See Separate Breakdown in this Section)	
124	7754000006	6	Ring Retaining **(Prior to SN 0230003739)**	
124	3760133	4	Ring Retaining **(SN 0230003739 to Present)**	
125	7809000001	2	Sheave	
126	7754000018	2	Ring **(Prior to SN 0230003739)**	
126	7754000005	2	Ring **(SN 0230003739 to Present)**	
127	7440030000	10	Fitting, Grease **(Prior to SN 0230003739)**	
127	8871008	10	Fitting, Grease **(SN 0230003739 to Present)**	
128	0641808	2	Bolt 1/2 x 1	
129	0641814	4	Bolt 1/2 x 1-3/4	
130	7660182601	4	Nut 1/2	
132	4761800	2	Washer	
133	0641610	6	Bolt 3/8 x 1-1/4	
134	4891600	28	Washer 3/8	
135	7660162601	6	Nut 3/8	
136	0641510	6	Bolt 5/16 x 1-1/4	
137	0641810	4	Bolt 1/2 x 1-1/4	
138	7950180400	4	Washer 1/2	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
139	7118140418	2	Capscrew 1/4 x 1/2	
140	4761600	16	Washer 3/8	
141	0641608	16	Bolt 3/8 x 1	
142	7660152601	8	Nut 5/16	
152	7935000001	1	Counterbalance Valve **(Prior to SN 0230002518)**	
152	7935000308	1	Counterbalance Valve **(SN 0230002518 to Present)**	
153	4761500	8	Washer 5/16	
154	0641516	2	Bolt 5/16 x 2	
155	7330000145	1	Decal **(Prior to SN 0230002518)**	
155	1001132574	1	Decal **(SN 0230002518 to Present)**	
156	7759000004	4	Rivet	
157	4706001255	1	Plate	
158	7330000138	1	Decal	
159	4751400	2	Washer 1/4	
170	7330000546	2	Decal	
171	7935000174	1	Relief Valve (Not Shown) **(Prior to SN 0230004926)**	
172	7253000002	10	Cap, Grease Fitting	
174	7330000126	1	Decal - Lubrication (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
175	7330000124	1	Decal - Lubricant (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
176	3841143	1	Keeper, Pin **(SN 0230003739 to Present)**	
177	4711600	1	Washer 3/8 **(SN 0230003739 to Present)**	
178	0651606	1	Bolt 3/8 x 3/4 **(SN 0230003739 to Present)**	
179	3020039	AR	Lube **(SN 0230003739 to Present)**	
180	3020029	AR	Grease **(SN 0230003739 to Present)**	
181	1001095650	AR	Adhesive **(SN 0230003739 to Present)**	

SECTION 2 - BOOM

FIGURE 2-5. BOOM INSTALLATION - 18.5K LBS BOOM (8000 LBS DUAL WINCH) (SPEEDWAY SPECS)

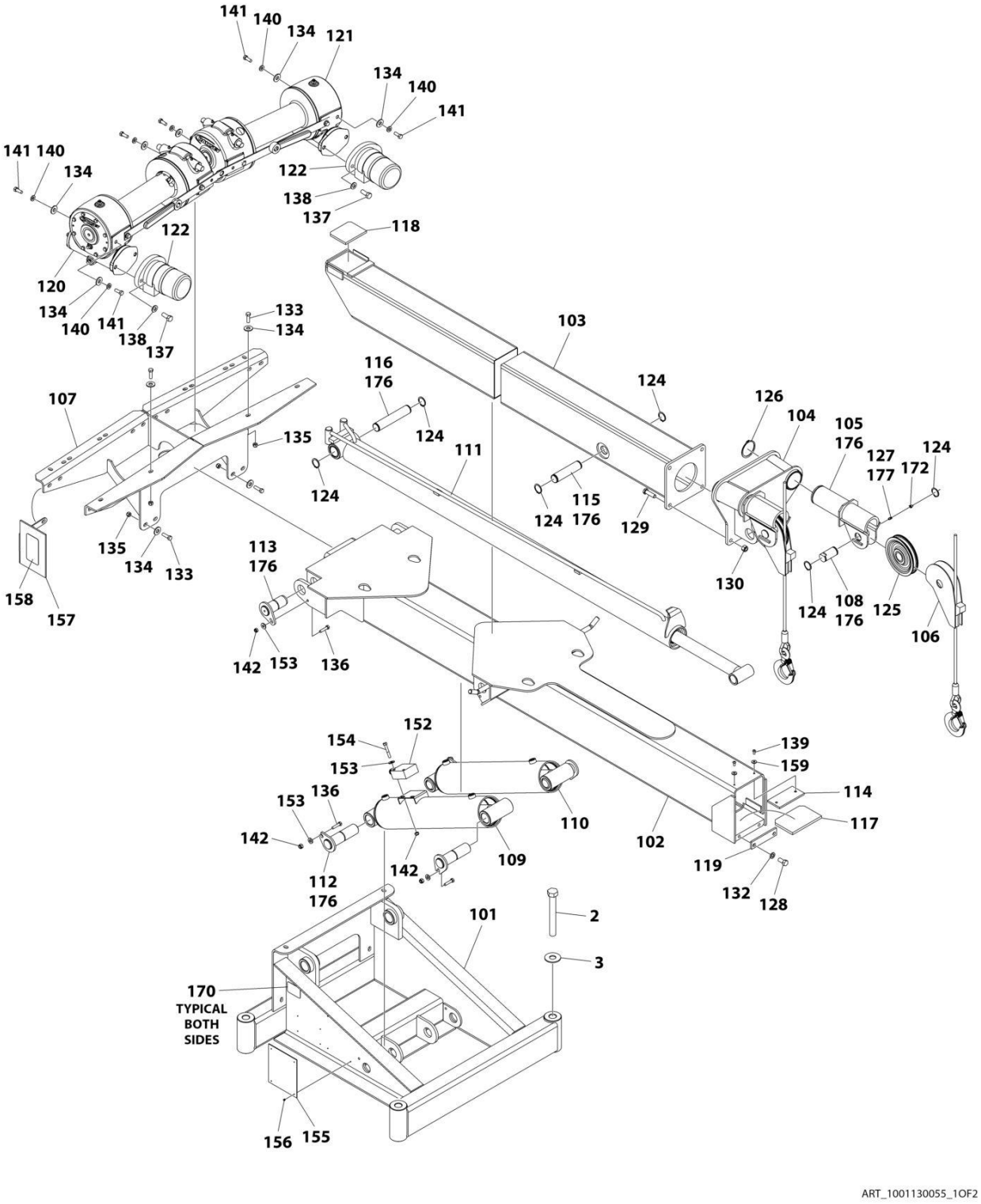

FIGURE 2-5. BOOM INSTALLATION - 18.5K LBS BOOM (8000 LBS DUAL WINCH) (SPEEDWAY SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001130055	Ref	BOOM INSTALLATION - 18.5K LBS BOOM	C
1	1001130056	1	Wrecker Boom Assembly (Not Shown) (Includes Items 101-177)	
2	7115245650	4	Bolt 7/8 x 7	
3	7950240161	4	Washer 7/8	
4	3020039	AR	Lubricant (Not Shown)	
	1001130056	Ref	WRECKER BOOM ASSEMBLY	E
101	3511100079	1	Frame	
102	3510100062	1	Base Boom	
103	3911000062	1	Fly Boom	
104	1001139970	1	Boom Nose	
105	3502900023	2	Sheave Support	
106	3249000002	2	Cable Guide	
107	3510100051	1	Dual Winch Mount	
108	3691000134	2	Pin	
109	3320000011	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
110	3320000012	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
111	3320000007	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
112	3691000075	4	Pin	
113	3691000076	2	Pin	
114	4706000067	1	Plate	
115	4691000133	1	Pin	
116	4691000179	1	Pin	
117	4679000005	1	Pad	
118	4679000004	1	Pad	
119	4706000160	1	Plate	
120	7970000103	1	Winch (LH) (See Separate Breakdown in this Section)	
121	7970000104	1	Winch (RH) (See Separate Breakdown in this Section)	
122	7626000014	2	Motor (See Separate Breakdown in this Section)	
124	7754000006	6	Ring Retaining **(Prior to SN 0230003739)**	
124	3760133	6	Ring Retaining **(SN 0230003739 to Present)**	
125	7809000001	2	Sheave	
126	7754000018	2	Ring	
127	7440030000	10	Fitting, Grease **(Prior to SN 0230003739)**	
127	8871008	10	Fitting, Grease **(SN 0230003739 to Present)**	
128	0641808	2	Bolt 1/2 x 1	
129	0642014	4	Bolt 5/8 x 1-3/4	
130	7660182601	4	Nut 1/2	
132	4761800	2	Washer	
133	0641610	6	Bolt 3/8 x 1-1/4	
134	4891600	28	Washer 3/8	
135	7660162601	6	Nut 3/8	
136	0641510	6	Bolt 5/16 x 1-1/4	
137	0641810	4	Bolt 1/2 x 1-1/4	
138	7950180400	4	Washer 1/2	
139	7118140418	2	Capscrew 1/4 x 1/2	
140	4761600	16	Washer 3/8	
141	0641608	16	Bolt 3/8 x 1	
142	7660152601	8	Nut 5/16	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
152	7935000001	1	Counterbalance Valve **(Prior to SN 0230002518)**	
152	7935000308	1	Counterbalance Valve **(SN 0230002518 to Present)**	
153	4761500	8	Washer 5/16	
154	0641516	2	Bolt 5/16 x 2	
155	7330000145	1	Decal **(Prior to SN 0230002518)**	
155	1001132574	1	Decal **(SN 0230002518 to Present)**	
156	7759000004	4	Rivet	
157	4706001255	1	Plate	
158	7330000138	1	Decal	
159	4751400	2	Washer 1/4	
170	7330000546	2	Decal	
171	7935000174	1	Relief Valve (Not Shown) **(Prior to SN 0230004926)**	
172	7253000002	10	Cap, Grease Fitting	
174	7330000126	1	Decal - Lubrication (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
175	7330000124	1	Decal - Lubricant (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
176	3020039	AR	Lube **(SN 0230003739 to Present)**	
177	3020029	AR	Grease **(SN 0230003739 to Present)**	

FIGURE 2-6. BOOM INSTALLATION - 18.5K LBS BOOM (8000 LBS DUAL WINCH) (WITH COUNTERBALANCE VALVES)

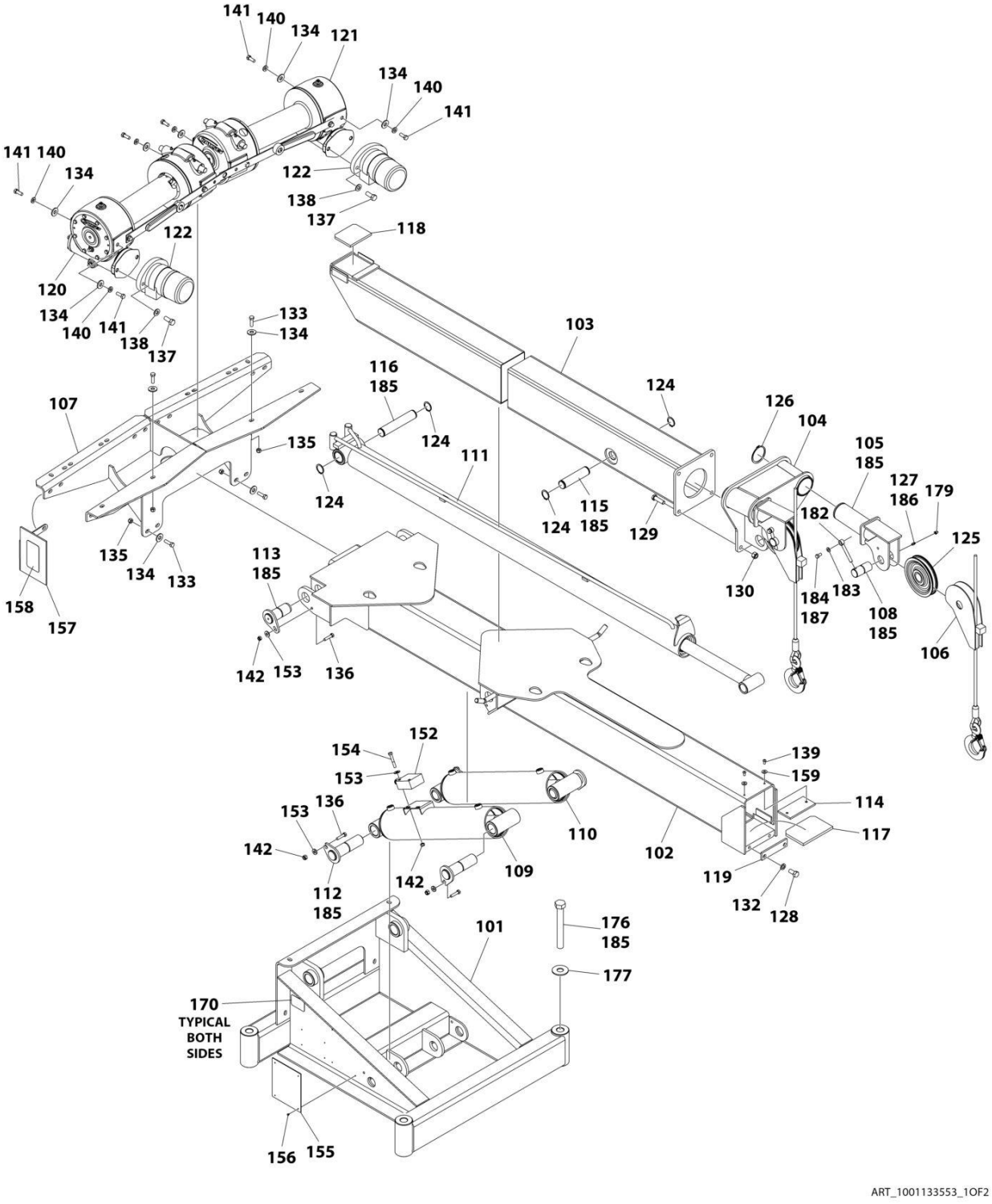

FIGURE 2-6. BOOM INSTALLATION - 18.5K LBS BOOM (8000 LBS DUAL WINCH) (WITH COUNTERBALANCE VALVES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133553	Ref	WRECKER BOOM - DUAL 8000 LBS WINCH	D
101	3511100079	1	Frame	
102	3510100062	1	Base Boom	
103	3510100060	1	Fly Boom	
104	3502100024	1	Boom Nose **(Prior to SN 0230003739)**	
104	1001206499	1	Boom Nose **(SN 0230003739 to Present)**	
105	3502900023	2	Sheave Support **(Prior to SN 0230003739)**	
105	1001206161	2	Sheave Support **(SN 0230003739 to Present)**	
106	3249000002	2	Cable Guide **(Prior to SN 0230003739)**	
106	1001206167	2	Cable Guide **(SN 0230003739 to Present)**	
107	1001133464	1	Dual Winch Mount	
108	3691000134	2	Pin **(Prior to SN 0230003739)**	
108	1001206171	2	Pin **(SN 0230003739 to Present)**	
109	3320000011	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
110	3320000012	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
111	3320000007	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
112	3691000075	4	Pin	
113	3691000076	2	Pin	
114	4706000067	1	Plate	
115	4691000027	1	Pin	
116	4691000179	1	Pin	
117	4679000005	1	Pad	
118	4679000004	1	Pad	
119	4706000160	1	Plate	
120	7970000103	1	Winch (LH) (See Separate Breakdown in this Section)	
121	7970000104	1	Winch (RH) (See Separate Breakdown in this Section)	
122	7626000014	2	Motor (See Separate Breakdown in this Section)	
124	7754000006	6	Ring Retaining **(Prior to SN 0230003739)**	
124	3760133	4	Ring Retaining **(SN 0230003739 to Present)**	
125	7809000001	2	Sheave	
126	7754000018	2	Ring **(Prior to SN 0230003739)**	
126	7754000005	2	Ring **(SN 0230003739 to Present)**	
127	7440030000	10	Fitting, Grease **(Prior to SN 0230003739)**	
127	8871008	10	Fitting, Grease **(SN 0230003739 to Present)**	
128	0641808	2	Bolt 1/2 x 1	
129	0641814	4	Bolt 1/2 x 1-3/4	
130	7660182601	4	Nut 1/2	
132	4761800	2	Washer	
133	0641610	6	Bolt 3/8 x 1-1/4	
134	4891600	28	Washer 3/8	
135	7660162601	6	Nut 3/8	
136	0641510	6	Bolt 5/16 x 1-1/4	
137	0641810	4	Bolt 1/2 x 1-1/4	
138	7950180400	4	Washer 1/2	
139	7118140418	2	Capscrew 1/4 x 1/2	
140	4761600	16	Washer 3/8	
141	0641608	16	Bolt 3/8 x 1	
142	7660152601	8	Nut 5/16	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
152	7935000001	1	Counterbalance Valve **(Prior to SN 0230002518)**	
152	7935000308	1	Counterbalance Valve **(SN 0230002518 to Present)**	
153	4761500	8	Washer 5/16	
154	0641516	2	Bolt 5/16 x 2	
155	7330000145	1	Decal **(Prior to SN 0230002518)**	
155	1001132574	1	Decal **(SN 0230002518 to Present)**	
156	7759000004	4	Rivet	
157	4706001255	1	Plate	
158	7330000138	1	Decal	
159	7950140161	1	Washer 1/4	
170	7330000546	2	Decal	
176	7115245650	4	Bolt 7/8 x 7	
177	7950240161	4	Washer 7/8	
179	7253000002	10	Cap, Grease Fitting	
180	7330000126	1	Decal - Lubrication (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
181	7330000124	1	Decal - Lubricant (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
182	3841143	2	Keeper, Pin **(SN 0230003739 to Present)**	
183	4711600	2	Washer 3/8 **(SN 0230003739 to Present)**	
184	0651606	2	Bolt 3/8 x 3/4 **(SN 0230003739 to Present)**	
185	3020039	AR	Lube **(SN 0230003739 to Present)**	
186	3020029	AR	Grease **(SN 0230003739 to Present)**	
187	1001095650	AR	Adhesive **(SN 0230003739 to Present)**	

FIGURE 2-7. BOOM INSTALLATION - 24K LBS BOOM (10000 LBS SINGLE WINCH)

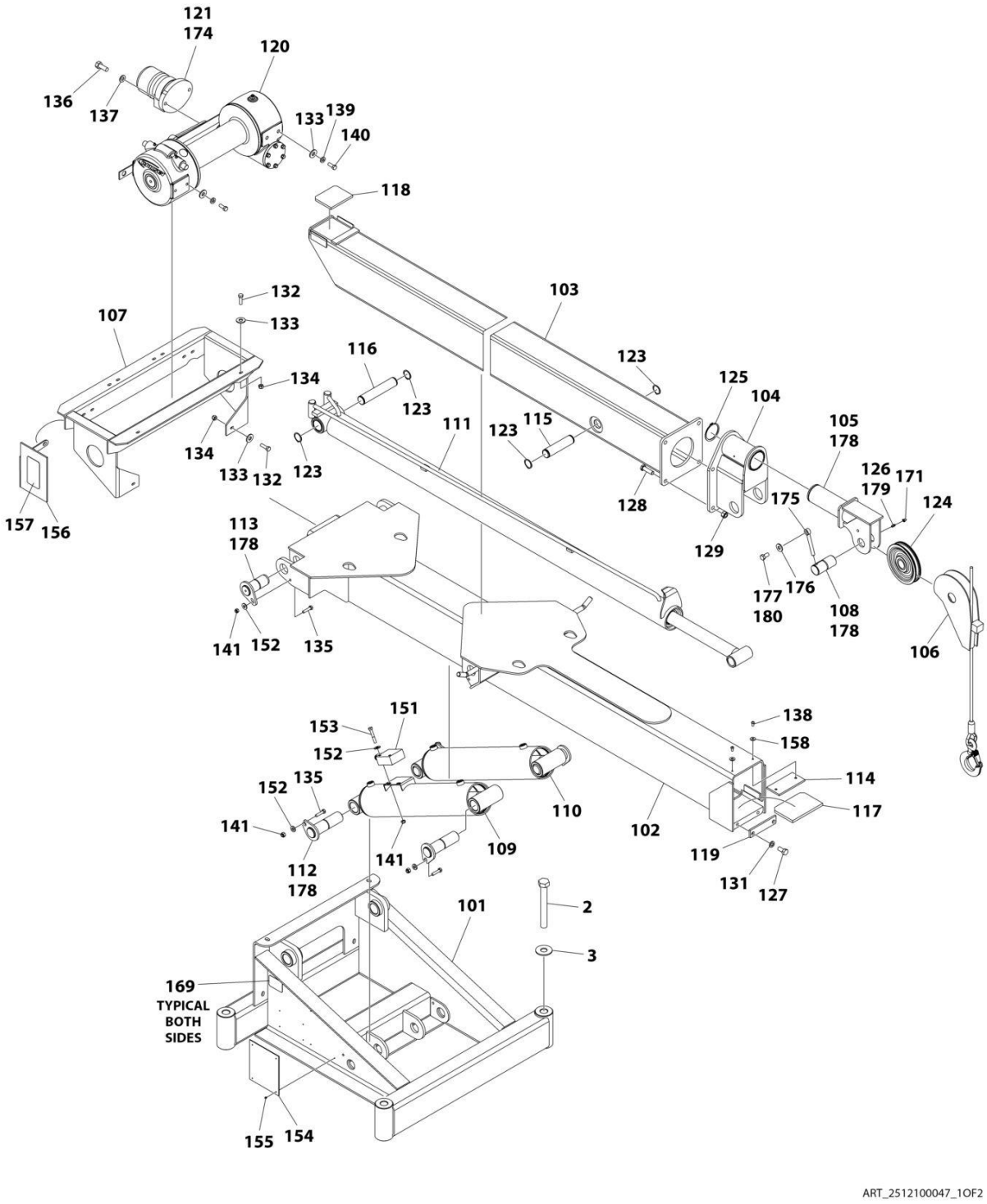

FIGURE 2-7. BOOM INSTALLATION - 24K LBS BOOM (10000 LBS SINGLE WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512100047	Ref	WRECKER BOOM - SINGLE 10000 LBS WINCH	C
1	3512100073	1	Wrecker Boom Assembly (Not Shown) (Includes Items 101-181)	
2	7115245650	4	Bolt 7/8 x 7	
3	7950240161	4	Washer 7/8	
4	3020039	AR	Lubricant (Not Shown)	
	3512100073	Ref	WRECKER BOOM ASSEMBLY	Q
101	3512100071	1	Frame	
102	3512100004	1	Base Boom	
103	3512100005	1	Fly Boom	
104	3510100058	1	Boom Nose	
105	3512900006	1	Sheave Support **(Prior to SN 0230003739)**	
105	1001206161	1	Sheave Support **(SN 0230003739 to Present)**	
106	3510900068	1	Cable Guide **(Prior to SN 0230003739)**	
106	1001206167	1	Cable Guide **(SN 0230003739 to Present)**	
107	3512100040	1	Single Winch Mount	
108	3691000002	1	Pin **(Prior to SN 0230003739)**	
108	1001206171	1	Pin **(SN 0230003739 to Present)**	
109	3320000011	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
110	3320000012	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
111	3320000007	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
112	3691000075	4	Pin	
113	3691000081	2	Pin	
114	4706000067	1	Plate	
115	4691000133	1	Pin	
116	4691000179	1	Pin	
117	4679000005	1	Pad	
118	4679000004	1	Pad	
119	4706000160	1	Plate	
120	7970000020	1	Winch (See Separate Breakdown in this Section)	
121	7626000013	1	Motor (See Separate Breakdown in this Section)	
123	7754000006	5	Ring Retaining **(Prior to SN 0230003739)**	
123	3760133	4	Ring Retaining **(SN 0230003739 to Present)**	
124	7809000001	1	Sheave	
125	7754000005	1	Ring	
126	7440030000	8	Fitting, Grease **(Prior to SN 0230003739)**	
126	88671008	8	Fitting, Grease **(SN 0230003739 to Present)**	
127	0641808	2	Bolt 1/2 x 1	
128	0641812	4	Bolt 1/2 x 1-1/2	
129	7660182601	4	Nut 1/2	
130	4209000019	2	Bushing **(Prior to SN 0230003739)**	
131	4761800	2	Washer	
132	7118171250	4	Bolt 7/16 x 1-1/2	
133	4891600	16	Washer 3/8	
134	7660172601	4	Nut 7/16	
135	7118151250	6	Bolt 5/16 x 1-1/2	
136	0641810	2	Bolt 1/2 x 1-1/4	
137	7950180400	2	Washer 1/2	
138	7118140418	2	Capscrew 1/4 x 1/2	
139	7950170000	8	Washer 7/16	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
140	0641708	8	Bolt 7/16 x 1	
141	7660152601	8	Nut 5/16	
151	7935000001	1	Counterbalance Valve **(Prior to SN 0230002518)**	
151	7935000308	1	Counterbalance Valve **(SN 0230002518 to Present)**	
152	4751500	8	Washer 5/16	
153	0641516	2	Bolt 5/16 x 2	
154	7330000145	1	Decal **(Prior to SN 0230002518)**	
154	1001132574	1	Decal **(SN 0230002518 to Present)**	
155	7759000004	4	Rivet	
156	4706001255	1	Plate	
157	7330000138	1	Decal	
158	4751400	2	Washer 1/4	
169	7330000546	2	Decal	
170	7701000068	2	Plug (Not Shown) **(Prior to SN 0230004926)**	
171	7253000002	8	Cap, Grease Fitting	
173	7330000126	1	Decal - Lubrication (Not Shown - Located Inside Driver Side Toolbox Door)	
174	7755326000	1	O - Ring	
175	3841143	1	Keeper, Pin **(SN 00230003739 to Present)**	
176	4711600	1	Washer 3/8 **(SN 00230003739 to Present)**	
177	0651606	1	Bolt 3/8 x 3/4 **(SN 00230003739 to Present)**	
178	3020039	AR	Lube **(SN 00230003739 to Present)**	
179	3020029	AR	Grease **(SN 00230003739 to Present)**	
180	1001095650	AR	Adhesive **(SN 00230003739 to Present)**	
181	7330000124	1	Decal - Lubricant (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 00230003739 to Present)**	

FIGURE 2-8. BOOM INSTALLATION - 24K LBS BOOM (10000 LBS DUAL WINCH)

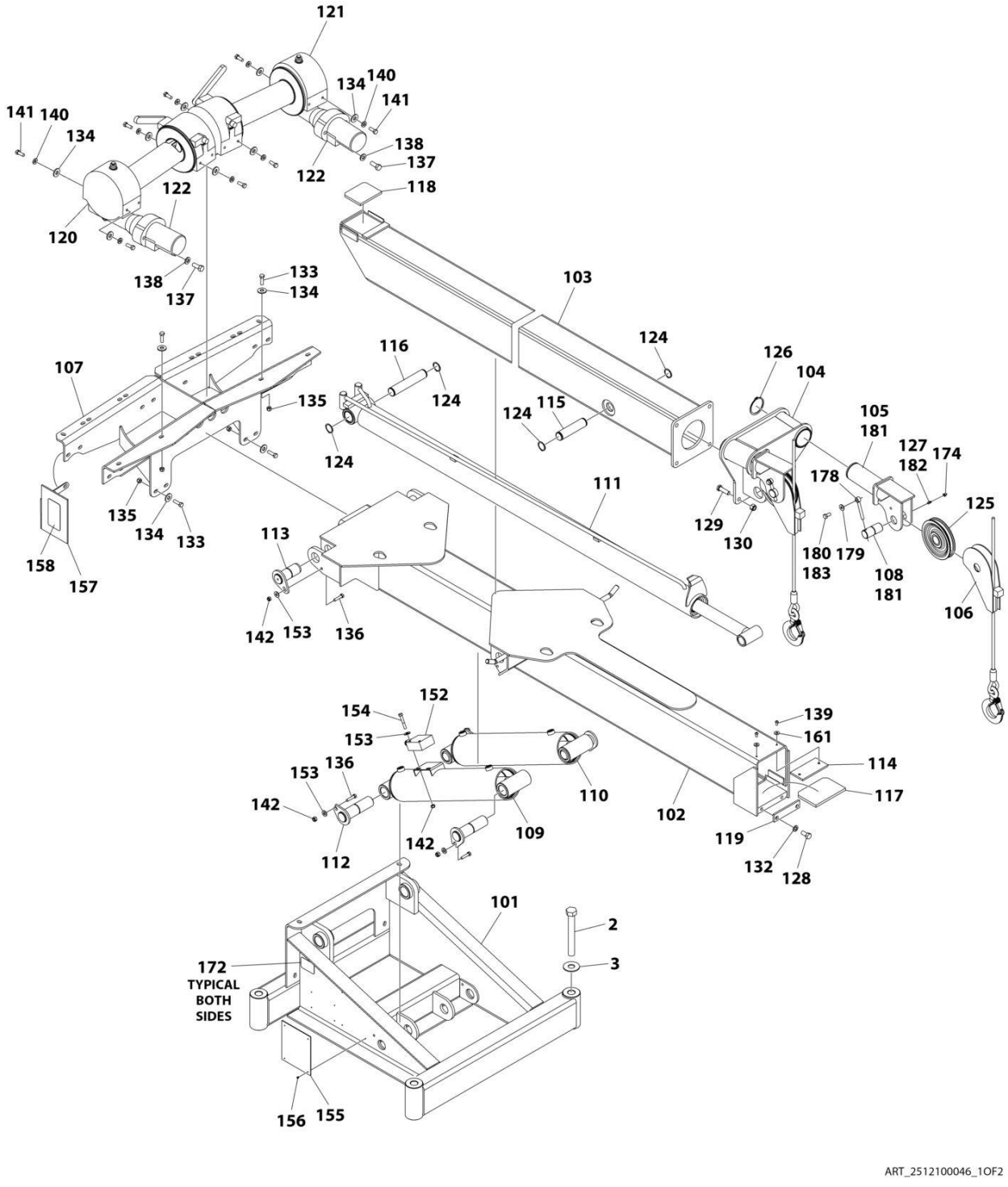

FIGURE 2-8. BOOM INSTALLATION - 24K LBS BOOM (10000 LBS DUAL WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512100046	Ref	WRECKER BOOM - DUAL 10000 LBS WINCH	E
1	3512100072	1	Wrecker Boom Assembly (Not Shown) (Includes Items 101-183)	
2	7115245650	4	Bolt 7/8 x 7	
3	7950240161	4	Washer 7/8	
4	3020039	AR	Lubricant (Not Shown)	
	3512100072	Ref	WRECKER BOOM ASSEMBLY	T
101	3512100071	1	Frame	
102	3512100004	1	Base Boom	
103	3512100005	1	Fly Boom	
104	3502100024	1	Boom Nose **(Prior to SN 0230003739)**	
104	1001206499	1	Boom Nose **(SN 0230003739 to Present)**	
105	3502900023	2	Sheave Support **(Prior to SN 0230003739)**	
105	1001206161	2	Sheave Support **(SN 0230003739 to Present)**	
106	3249000002	2	Cable Guide **(Prior to SN 0230003739)**	
106	1001206167	2	Cable Guide **(SN 0230003739 to Present)**	
107	3510100051	1	Dual Winch Mount	
108	3691000134	2	Pin **(Prior to SN 0230003739)**	
108	1001206171	2	Pin **(SN 0230003739 to Present)**	
109	3320000011	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
110	3320000012	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
111	3320000007	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
112	3691000075	4	Pin	
113	3691000081	2	Pin	
114	4706000067	1	Plate	
115	4691000133	1	Pin	
116	4691000179	1	Pin	
117	4679000005	1	Pad	
118	4679000004	1	Pad	
119	4706000160	1	Plate	
120	7970000138	1	Winch (LH) (See Separate Breakdown in this Section)	
121	7970000139	1	Winch (RH) (See Separate Breakdown in this Section)	
122	7626000014	2	Motor (See Separate Breakdown in this Section)	
124	7754000006	6	Ring Retaining **(Prior to SN 0230003739)**	
124	3760133	6	Ring Retaining **(SN 0230003739 to Present)**	
125	7809000001	2	Sheave	
126	7754000018	2	Ring **(Prior to SN 0230003739)**	
126	7754000005	2	Ring **(SN 0230003739 to Present)**	
127	7440030000	10	Fitting, Grease **(Prior to SN 0230003739)**	
127	88671008	10	Fitting, Grease **(SN 0230003739 to Present)**	
128	0641808	2	Bolt 1/2 x 1	
129	0641814	4	Bolt 1/2 x 1-3/4	
130	7660182601	4	Nut 1/2	
132	4761800	2	Washer 1/2	
133	7118171250	6	Bolt 7/16 x 1-1/2	
134	4891600	28	Washer 3/8	
135	7660172601	6	Nut 7/16	
136	7118151250	6	Bolt 5/16 x 1-1/2	
137	0641810	4	Bolt 1/2 x 1-1/4	
138	7950180400	4	Washer 1/2	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
139	7118140418	2	Capscrew 1/4 x 1/2	
140	7950170000	16	Washer 7/16	
141	0641708	16	Bolt 7/16 x 1	
142	7660152601	8	Nut 5/16	
152	7935000001	1	Counterbalance Valve **(Prior to SN 0230002518)**	
152	7935000308	1	Counterbalance Valve **(SN 0230002518 to Present)**	
153	4751500	8	Washer 5/16	
154	0641516	2	Bolt 5/16 x 2	
155	7330000145	1	Decal **(Prior to SN 0230002518)**	
155	1001132574	1	Decal **(SN 0230002518 to Present)**	
156	7759000004	4	Rivet	
157	4706001255	1	Plate	
158	7330000138	1	Decal	
161	4751400	2	Washer 1/4	
172	7330000546	2	Decal	
173	7935000174	2	Relief Valve (Not Shown) **(Prior to SN 0230004926)**	
174	7253000002	10	Cap, Grease Fitting	
176	7330000126	1	Decal - Lubrication (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
177	7330000124	1	Decal - Lubricant (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
178	3841143	1	Keeper, Pin **(SN 0230003739 to Present)**	
179	4711600	1	Washer 3/8 **(SN 0230003739 to Present)**	
180	0651606	1	Bolt 3/8 x 3/4 **(SN 0230003739 to Present)**	
181	3020039	AR	Lube **(SN 0230003739 to Present)**	
182	3020029	AR	Grease **(SN 0230003739 to Present)**	
183	1001095650	AR	Adhesive **(SN 0230003739 to Present)**	

FIGURE 2-9. BOOM INSTALLATION - 24K LBS BOOM (10000 LBS DUAL WINCH) (WITH COUNTERBALANCE VALVES

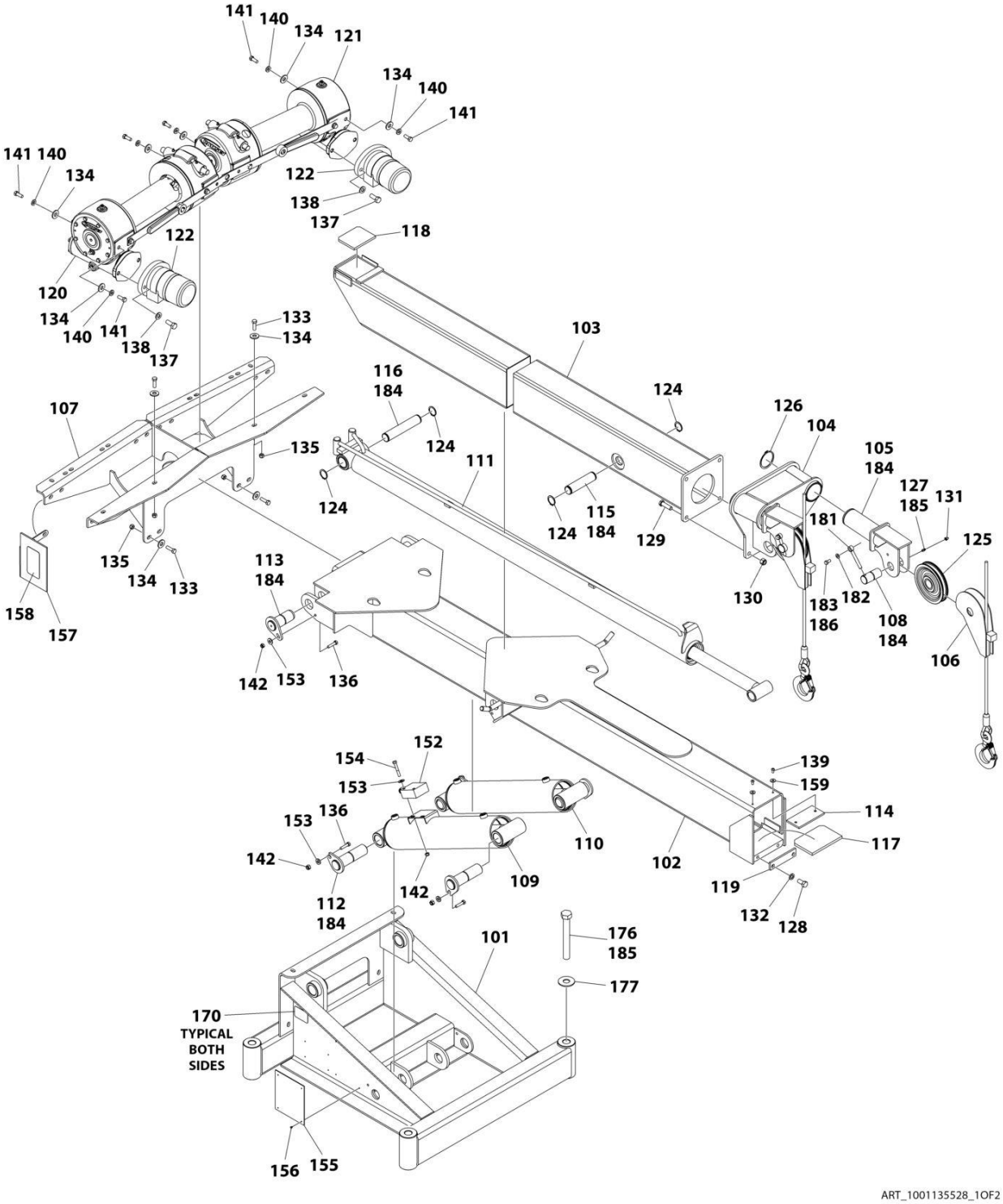

FIGURE 2-9. BOOM INSTALLATION - 24K LBS BOOM (10000 LBS DUAL WINCH) (WITH COUNTERBALANCE VALVES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135528	Ref	WRECKER BOOM - DUAL 10000 LBS WINCH	D
101	3512100071	1	Frame	
102	3512100004	1	Base Boom	
103	3512100005	1	Fly Boom	
104	3502100024	1	Boom Nose **(Prior to SN 0230003739)**	
104	1001206499	1	Boom Nose **(SN 0230003739 to Present)**	
105	3502900023	2	Sheave Support **(Prior to SN 0230003739)**	
105	1001206161	2	Sheave Support **(SN 0230003739 to Present)**	
106	3249000002	2	Cable Guide **(Prior to SN 0230003739)**	
106	1001206167	2	Cable Guide **(SN 0230003739 to Present)**	
107	1001133464	1	Dual Winch Mount	
108	3691000134	2	Pin **(Prior to SN 0230003739)**	
108	1001206171	2	Pin **(SN 0230003739 to Present)**	
109	3320000011	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
110	3320000012	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
111	3320000007	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
112	3691000075	4	Pin	
113	3691000081	2	Pin	
114	4706000067	1	Plate	
115	4691000133	1	Pin	
116	4691000179	1	Pin	
117	4679000005	1	Pad	
118	4679000004	1	Pad	
119	4706000160	1	Plate	
120	7970000138	1	Winch (LH) (See Separate Breakdown in this Section)	
121	7970000139	1	Winch (RH) (See Separate Breakdown in this Section)	
122	7626000014	2	Motor (See Separate Breakdown in this Section)	
124	7754000006	6	Ring Retaining **(Prior to SN 0230003739)**	
124	3760133	4	Ring Retaining **(SN 0230003739 to Present)**	
125	7809000001	2	Sheave	
126	7754000018	2	Ring **(Prior to SN 0230003739)**	
126	7754000005	2	Ring **(SN 0230003739 to Present)**	
127	7440030000	10	Fitting, Grease **(Prior to SN 0230003739)**	
127	88671008	10	Fitting, Grease **(SN 0230003739 to Present)**	
128	0641808	2	Bolt 1/2 x 1	
129	0641814	4	Bolt 1/2 x 1-3/4	
130	7660182601	4	Nut 1/2	
131	7253000002	10	Cap, Grease Fitting	
132	4761800	2	Washer 1/2	
133	7118171250	6	Bolt 7/16 x 1-1/2	
134	4891600	28	Washer 3/8	
135	7660172601	6	Nut 7/16	
136	7118151250	6	Bolt 5/16 x 1-1/2	
137	0641810	4	Bolt 1/2 x 1-1/4	
138	7950180400	4	Washer 1/2	
139	7118140418	2	Capscrew 1/4 x 1/2	
140	7950170000	16	Washer 7/16	
141	7115170850	16	Bolt	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
142	7660152601	8	Nut 5/16	
152	7935000001	1	Counterbalance Valve **(Prior to SN 0230002518)**	
152	7935000308	1	Counterbalance Valve **(SN 0230002518 to Present)**	
153	4761500	8	Washer 5/16	
154	0641516	2	Bolt 5/16 x 2	
155	7330000145	1	Decal **(Prior to SN 0230002518)**	
155	1001132574	1	Decal **(SN 0230002518 to Present)**	
156	7759000004	4	Rivet	
157	4706001255	1	Plate	
158	7330000138	1	Decal	
159	4751400	2	Washer 1/4	
170	7330000546	2	Decal	
176	7115245650	4	Bolt 7/8 x 7	
177	7950240161	4	Washer 7/8	
179	7330000126	1	Decal - Lubrication (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
180	7330000124	1	Decal - Lubricant (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
181	3841143	2	Keeper, Pin **(SN 0230003739 to Present)**	
182	4711600	2	Washer 3/8 **(SN 0230003739 to Present)**	
183	0651606	2	Bolt 3/8 x 3/4 **(SN 0230003739 to Present)**	
184	3020039	AR	Lube **(SN 0230003739 to Present)**	
185	3020029	AR	Grease **(SN 0230003739 to Present)**	
186	1001095650	AR	Adhesive **(SN 0230003739 to Present)**	

FIGURE 2-10. BOOM INSTALLATION - 24K LBS BOOM (12000 LBS SINGLE WINCH) (WEST COAST SPECS)

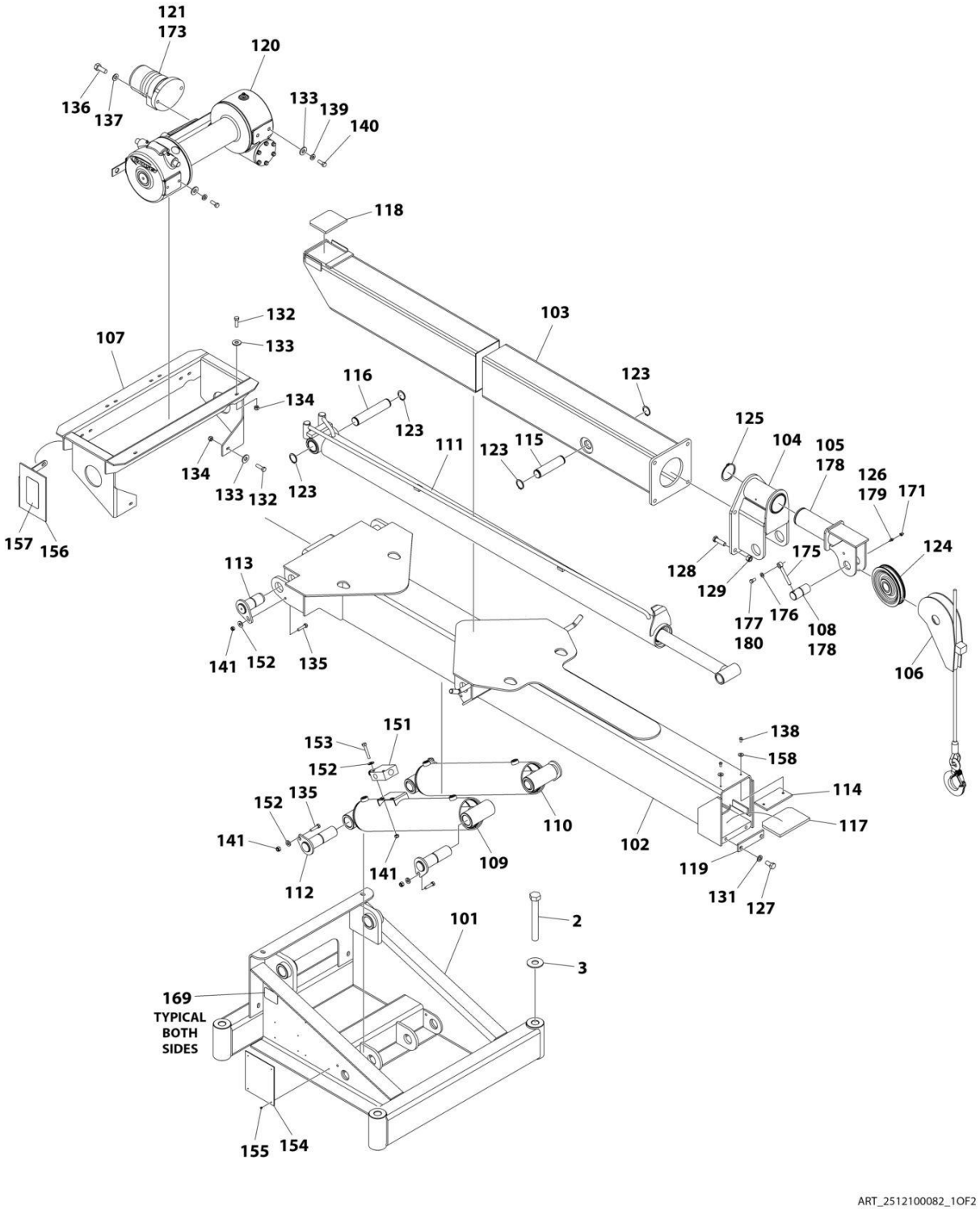

FIGURE 2-10. BOOM INSTALLATION - 24K LBS BOOM (12000 LBS SINGLE WINCH) (WEST COAST SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512100082	Ref	WRECKER BOOM - SINGLE 10000 LBS WINCH	C
1	3512100119	1	Wrecker Boom Assembly (Not Shown) (Includes Items 101-181)	
2	7115245650	4	Bolt 7/8 x 7	
3	7950240161	4	Washer 7/8	
4	3020039	AR	Lubricant (Not Shown)	
	3512100119	Ref	WRECKER BOOM ASSEMBLY	L
101	3512100071	1	Frame	
102	3512100004	1	Base Boom	
103	3512100005	1	Fly Boom	
104	3510100058	1	Boom Nose	
105	3512900006	1	Sheave Support **(Prior to SN 0230003739)**	
105	1001206161	1	Sheave Support **(SN 0230003739 to Present)**	
106	3510900068	1	Cable Guide **(Prior to SN 0230003739)**	
106	1001206167	1	Cable Guide **(SN 0230003739 to Present)**	
107	3512100040	1	Single Winch Mount	
108	3691000002	1	Pin **(Prior to SN 0230003739)**	
108	1001206171	1	Pin **(SN 0230003739 to Present)**	
109	3320000011	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
110	3320000012	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
111	3320000007	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
112	3691000075	4	Pin	
113	3691000081	2	Pin	
114	4706000067	1	Plate	
115	4691000133	1	Pin	
116	4691000179	1	Pin	
117	4679000005	1	Pad	
118	4679000004	1	Pad	
119	4706000160	1	Plate	
120	7970000020	1	Winch (See Separate Breakdown in this Section) **(Prior to SN 0230005919)**	
120	1001236329	1	Winch (See Separate Breakdown in this Section) **(SN 0230005919 to Present)**	
121	7626000013	1	Motor (See Separate Breakdown in this Section) **(Prior to SN 0230005919)**	
121	7626000018	1	Motor (See Separate Breakdown in this Section) **(SN 0230005919 to Present)**	
123	7754000006	5	Ring Retaining **(Prior to SN 0230003739)**	
123	3760133	5	Ring Retaining **(SN 0230003739 to Present)**	
124	7809000001	1	Sheave	
125	7754000005	1	Ring	
126	7440030000	8	Fitting, Grease **(Prior to SN 0230003739)**	
126	8871008	8	Fitting, Grease **(SN 0230003739 to Present)**	
127	0641808	2	Bolt 1/2 x 1	
128	0641814	4	Bolt 1/2 x 1-3/4	
129	7660182601	4	Nut 1/2	
130	4209000019	2	Bushing **(Prior to SN 0230003739)**	
131	4761800	2	Washer	
132	7118171250	4	Bolt 7/16 x 1-1/2	
133	4891600	16	Washer 3/8	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
134	7660172601	4	Nut 7/16	
135	7118151250	6	Bolt 5/16 x 1-1/2	
136	0641810	2	Bolt 1/2 x 1-1/4	
137	7950180400	2	Washer 1/2	
138	7118140418	2	Capscrew 1/4 x 1/2	
139	7950170000	8	Washer 7/16	
140	0641708	8	Bolt 7/16 x 1	
141	7660152601	8	Nut 5/16	
151	7935000001	1	Counterbalance Valve **(Prior to SN 0230002518)**	
151	7935000308	1	Counterbalance Valve **(SN 0230002518 to Present)**	
152	4751500	8	Washer 5/16	
153	0641516	2	Bolt 5/16 x 2	
154	7330000145	1	Decal **(Prior to SN 0230002518)**	
154	1001132574	1	Decal **(SN 0230002518 to Present)**	
155	7759000004	4	Rivet	
156	4706001255	1	Plate	
157	7330000138	1	Decal	
158	4751400	2	Washer 1/4	
169	7330000546	2	Decal	
170	7701000068	2	Plug (Not Shown) **(Prior to SN 0230004926)**	
171	7253000002	8	Cap, Grease Fitting	
173	7755326000	1	O-Ring	
174	7330000126	1	Decal - Lubrication (Not Shown - Located Inside Driver Side Toolbox Door)	
175	3841143	1	Keeper, Pin **(SN 00230003739 to Present)**	
176	4711600	1	Washer 3/8 **(SN 00230003739 to Present)**	
177	0651606	1	Bolt 3/8 x 3/4 **(SN 00230003739 to Present)**	
178	3020039	AR	Lubricant (Not Shown) **(SN 00230003739 to Present)**	
179	3020029	AR	Grease (Not Shown) **(SN 00230003739 to Present)**	
180	1001095650	AR	Adhesive **(SN 00230003739 to Present)**	
181	7330000124	1	Decal - Lubricant (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 00230003739 to Present)**	

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FIGURE 2-11. BOOM INSTALLATION - 24K LBS BOOM (12000 LBS DUAL WINCH)

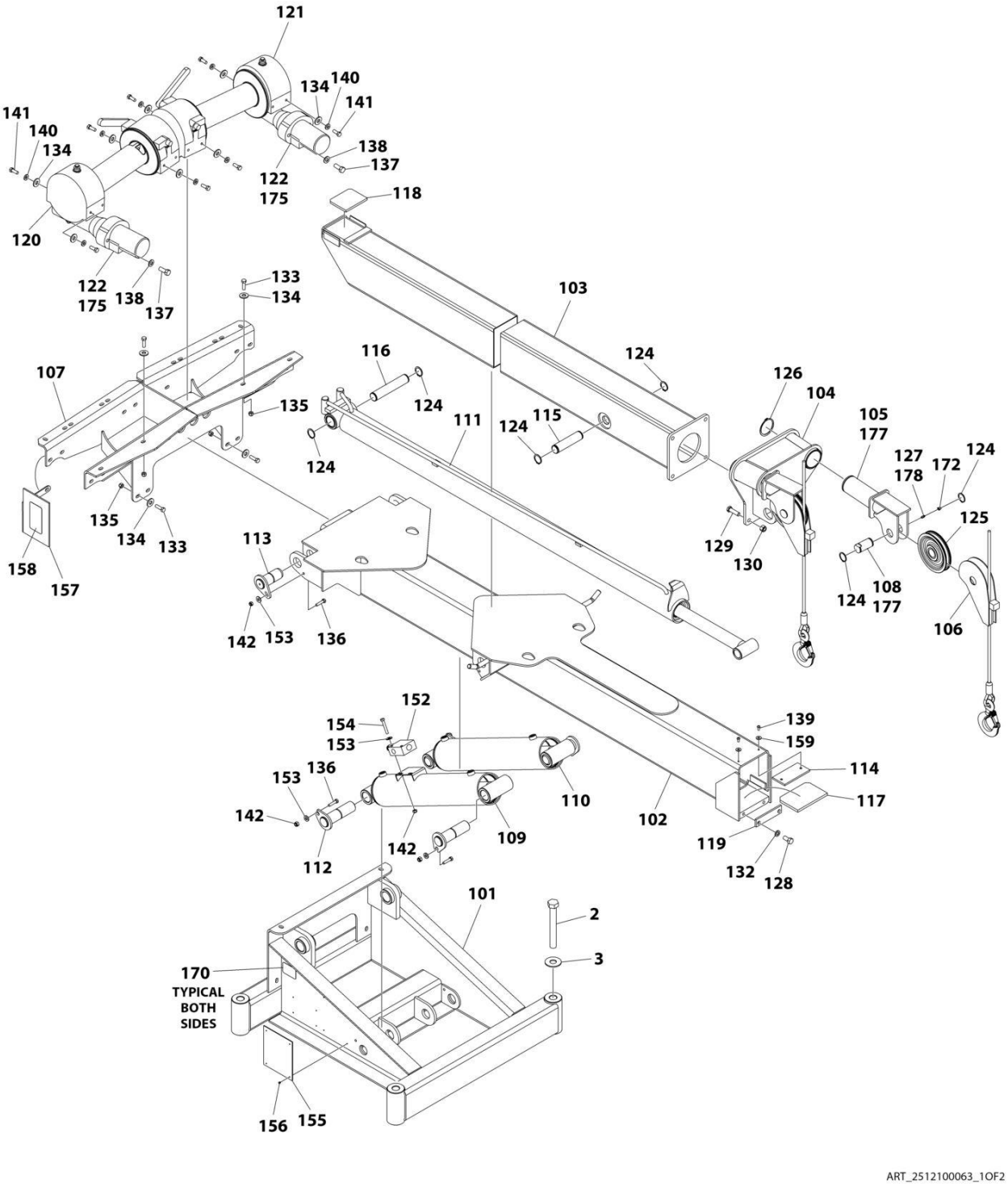

FIGURE 2-11. BOOM INSTALLATION - 24K LBS BOOM (12000 LBS DUAL WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512100063	Ref	WRECKER BOOM - DUAL 12000 LBS WINCH	C
1	3512100090	1	Wrecker Boom Assembly (Not Shown) (Includes Items 101-178)	
2	7115245650	4	Bolt 7/8 x 7	
3	7950240161	4	Washer 7/8	
4	3020039	1	Lubricant (Not Shown)	
	3512100090	Ref	WRECKER BOOM ASSEMBLY	J
101	3512100071	1	Frame	
102	3512100004	1	Base Boom	
103	3512100005	1	Fly Boom	
104	3502100024	1	Boom Nose	
105	3502900023	2	Sheave Support	
106	3249000002	2	Cable Guide	
107	3512100089	1	Dual Winch Mount	
108	3691000134	2	Pin	
109	3320000011	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
110	3320000012	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
111	3320000007	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
112	3691000075	4	Pin	
113	3691000081	2	Pin	
114	4706000067	1	Plate	
115	4691000133	1	Pin	
116	4691000179	1	Pin	
117	4679000005	1	Pad	
118	4679000004	1	Pad	
119	4706000160	1	Plate	
120	7970000025	1	Winch (LH) (See Separate Breakdown in this Section)	
121	7970000026	1	Winch (RH) (See Separate Breakdown in this Section)	
122	7626000013	2	Motor (See Separate Breakdown in this Section)	
124	7754000006	6	Ring Retaining **(Prior to SN 0230003739)**	
124	3760133	1	Ring Retaining **(SN 0230003739 to Present)**	
125	7809000001	2	Sheave	
126	7754000018	2	Ring	
127	7440030000	10	Fitting, Grease **(Prior to SN 0230003739)**	
127	88671008	10	Fitting, Grease **(SN 0230003739 to Present)**	
128	0641808	2	Bolt 1/2 x 1	
129	0641814	4	Bolt 1/2 x 1-3/4	
130	7660182601	4	Nut 1/2	
132	4761800	2	Washer	
133	7118171250	6	Bolt 7/16 x 1-1/2	
134	4891600	28	Washer 3/8	
135	7660172601	6	Nut 7/16	
136	7118151250	6	Bolt 5/16 x 1-1/2	
137	0641810	4	Bolt 1/2 x 1-1/4	
138	7950180400	4	Washer 1/2	
139	7118140418	2	Capscrew 1/4 x 1/2	
140	7950170000	16	Washer 7/16	
141	0641708	16	Bolt 7/16 x 1	
142	7660152601	8	Nut 5/16	
152	7935000001	1	Counterbalance Valve **(Prior to SN 0230002518)**	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
152	7935000308	1	Counterbalance Valve **(SN 0230002518 to Present)**	
153	4751500	8	Washer 5/16	
154	0641516	2	Bolt 5/16 x 2	
155	7330000145	1	Decal **(Prior to SN 0230002518)**	
155	1001132574	1	Decal **(SN 0230002518 to Present)**	
156	7759000004	4	Rivet	
157	4706001255	1	Plate	
158	7330000138	1	Decal	
159	4751400	2	Washer 1/4	
170	7330000546	2	Decal	
171	7701000068	2	Plug (Not Shown)	
172	7253000002	10	Fitting	
174	7330000126	1	Decal - Lubricant (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
175	7755326000	1	O-Ring	
176	7330000124	1	Decal - Lubricant (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
177	3020039	1	Lubricant (Not Shown) **(SN 0230003739 to Present)**	
178	3020029	1	Grease (Not Shown) **(SN 0230003739 to Present)**	

FIGURE 2-12. BOOM INSTALLATION - 24K LBS BOOM (12000 LBS DUAL WINCH) (WEST COAST SPECS)

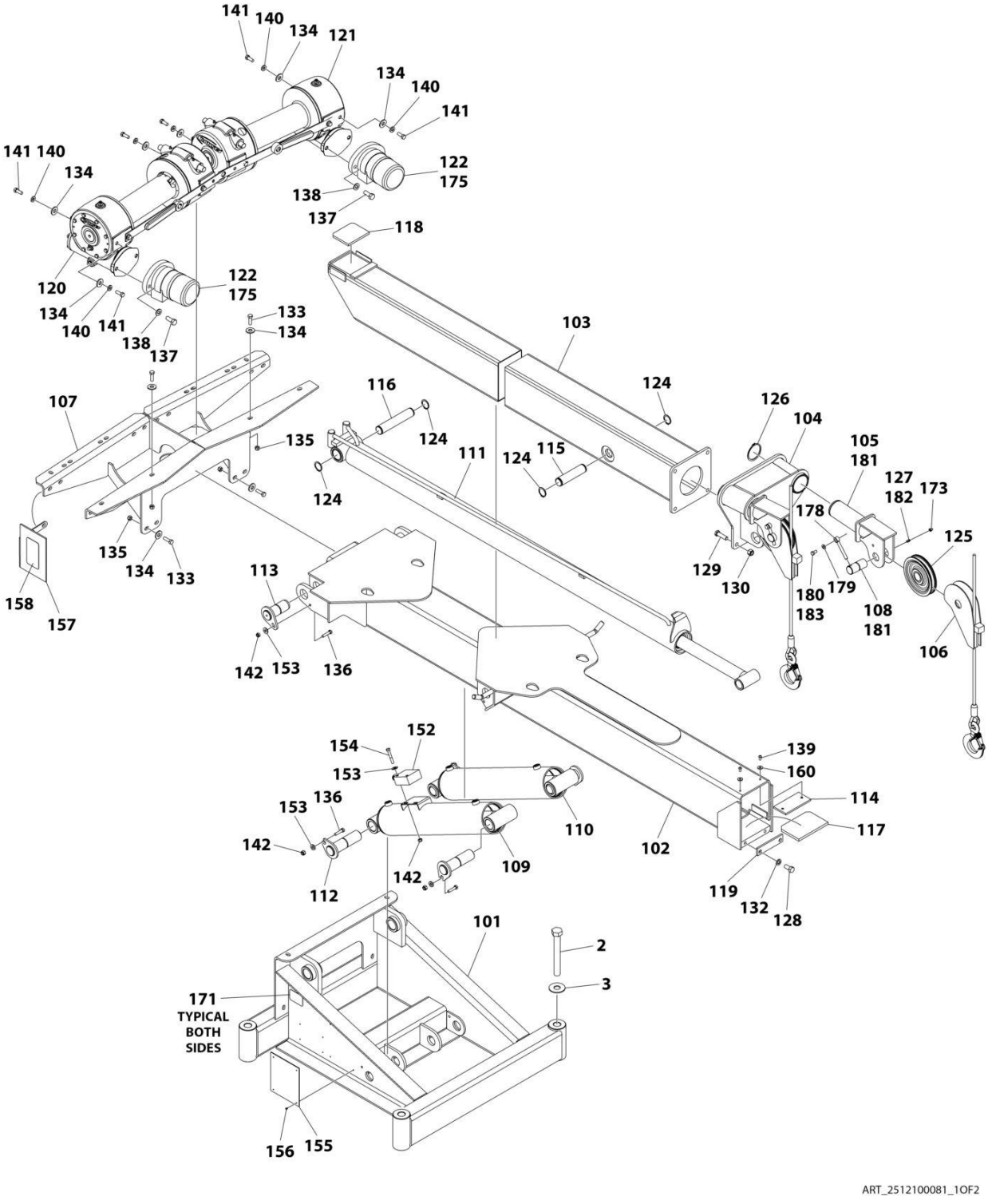

FIGURE 2-12. BOOM INSTALLATION - 24K LBS BOOM (12000 LBS DUAL WINCH) (WEST COAST SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512100081	Ref	WRECKER BOOM - DUAL 10000 LBS WINCH	C
1	3512100118	1	Wrecker Boom Assembly (Not Shown) (Includes Items 101-183)	
2	7115245650	4	Bolt 7/8 x 7	
3	7950240161	4	Washer 7/8	
4	3020039	AR	Lubricant (Not Shown)	
	3512100118	Ref	WRECKER BOOM ASSEMBLY	L
101	3512100071	1	Frame	
102	3512100004	1	Base Boom	
103	3512100005	1	Fly Boom	
104	3502100024	1	Boom Nose **(Prior to SN 0230003739)**	
104	1001206499	1	Boom Nose **(SN 0230003739 to Present)**	
105	3502900023	2	Sheave Support **(Prior to SN 0230003739)**	
105	1001206161	2	Sheave Support **(SN 0230003739 to Present)**	
106	3249000002	2	Cable Guide **(Prior to SN 0230003739)**	
106	1001206167	2	Cable Guide **(SN 0230003739 to Present)**	
107	3512100009	1	Dual Winch Mount	
108	3691000134	2	Pin **(Prior to SN 0230003739)**	
108	1001206171	2	Pin **(SN 0230003739 to Present)**	
109	3320000011	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
110	3320000012	1	Tilt Cylinder Assembly (See Separate Breakdown in this Section)	
111	3320000007	1	Extension Cylinder Assembly (See Separate Breakdown in this Section)	
112	3691000075	4	Pin	
113	3691000081	2	Pin	
114	4706000067	1	Plate	
115	4691000133	1	Pin	
116	4691000179	1	Pin	
117	4679000005	1	Pad	
118	4679000004	1	Pad	
119	4706000160	1	Plate	
120	7970000138	1	Winch (LH) (See Separate Breakdown in this Section) **(Prior to SN 0230005919)**	
120	1001236329	1	Winch (LH) (See Separate Breakdown in this Section) **(SN 0230005919 to Present)**	
121	7970000139	1	Winch (RH) (See Separate Breakdown in this Section) **(Prior to SN 0230005919)**	
121	1001236330	1	Winch (RH) (See Separate Breakdown in this Section) **(SN 0230005919 to Present)**	
122	7626000014	2	Motor (See Separate Breakdown in this Section) **(Prior to SN 0230005919)**	
122	7626000018	1	Motor (See Separate Breakdown in this Section) **(SN 0230005919 to Present)**	
124	7754000006	6	Ring Retaining **(Prior to SN 0230003739)**	
124	3760133	6	Ring Retaining **(SN 0230003739 to Present)**	
125	7809000001	2	Sheave	
126	7754000018	2	Ring **(Prior to SN 0230003739)**	
126	7754000005	2	Ring **(SN 0230003739 to Present)**	
127	7440030000	10	Fitting, Grease **(Prior to SN 0230003739)**	
127	88671008	10	Fitting, Grease **(SN 0230003739 to Present)**	
128	0641808	2	Bolt 1/2 x 1	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
129	0641814	4	Bolt 1/2 x 1-3/4	
130	7660182601	4	Nut 1/2	
132	4761800	2	Washer 1/2	
133	7118171250	6	Bolt 7/16 x 1-1/2	
134	4891600	28	Washer 3/8	
135	7660172601	6	Nut 7/16	
136	7118151250	6	Bolt 5/16 x 1-1/2	
137	0641810	4	Bolt 1/2 x 1-1/4	
138	7950180400	4	Washer 1/2	
139	7118140418	2	Capscrew 1/4 x 1/2	
140	7950170000	16	Washer 7/16	
141	0641708	16	Bolt 7/16 x 1	
142	7660152601	8	Nut 5/16	
152	7935000001	1	Counterbalance Valve **(Prior to SN 0230002518)**	
152	7935000308	1	Counterbalance Valve **(SN 0230002518 to Present)**	
153	4751500	8	Washer 5/16	
154	0641516	2	Bolt 5/16 x 2	
155	7330000145	1	Decal **(Prior to SN 0230002518)**	
155	1001132574	1	Decal **(SN 0230002518 to Present)**	
156	7759000004	4	Rivet	
157	4706001255	1	Plate	
158	7330000138	1	Decal	
160	4751400	2	Washer 1/4	
171	7330000546	2	Decal	
172	7701000068	1	Plug (Not Shown) **(Prior to SN 0230004926)**	
173	7253000002	10	Cap, Grease Fitting	
175	7755326000	2	O-Ring	
176	7330000126	1	Decal - Lubrication (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
177	7330000124	1	Decal - Lubricant (Not Shown - Located Inside Driver Side Toolbox Door) **(SN 0230003739 to Present)**	
178	3841143	1	Keeper, Pin **(SN 0230003739 to Present)**	
179	4711600	1	Washer 3/8 **(SN 0230003739 to Present)**	
180	0651606	1	Bolt 3/8 x 3/4 **(SN 0230003739 to Present)**	
181	3020039	AR	Lubricant (Not Shown) **(SN 0230003739 to Present)**	
182	3020029	AR	Grease (Not Shown) **(SN 0230003739 to Present)**	
183	1001095650	AR	Adhesive **(SN 0230003739 to Present)**	

FIGURE 2-13. NO BOOM/RECOVERY WINCH ONLY INSTALLATION (8000 LBS SINGLE WINCH DECK MOUNTED)

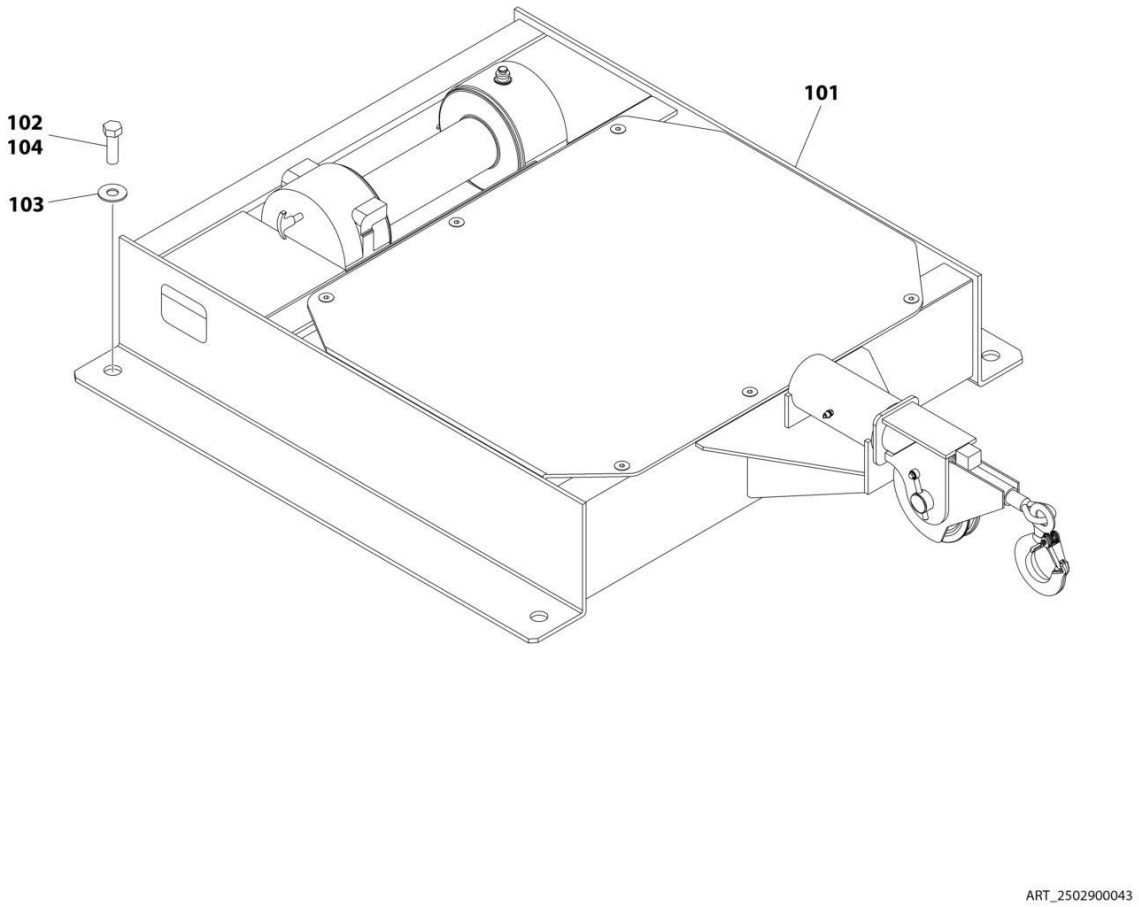


FIGURE 2-13. NO BOOM/RECOVERY WINCH ONLY INSTALLATION (8000 LBS SINGLE WINCH DECK MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502900043	Ref	NO BOOM/RECOVERY WINCH ONLY INSTALLATION	E
101	3502900009	1	Winch Assembly (See Separate Breakdown in this Section)	
102	7115241250	4	Bolt 7/8 x 1-1/2	
103	7950240161	4	Washer 7/8	
104	3020039	AR	Lubricant	

FIGURE 2-14. CYLINDER ASSEMBLY - BOOM EXTEND/RETRACT (8K BOOM)

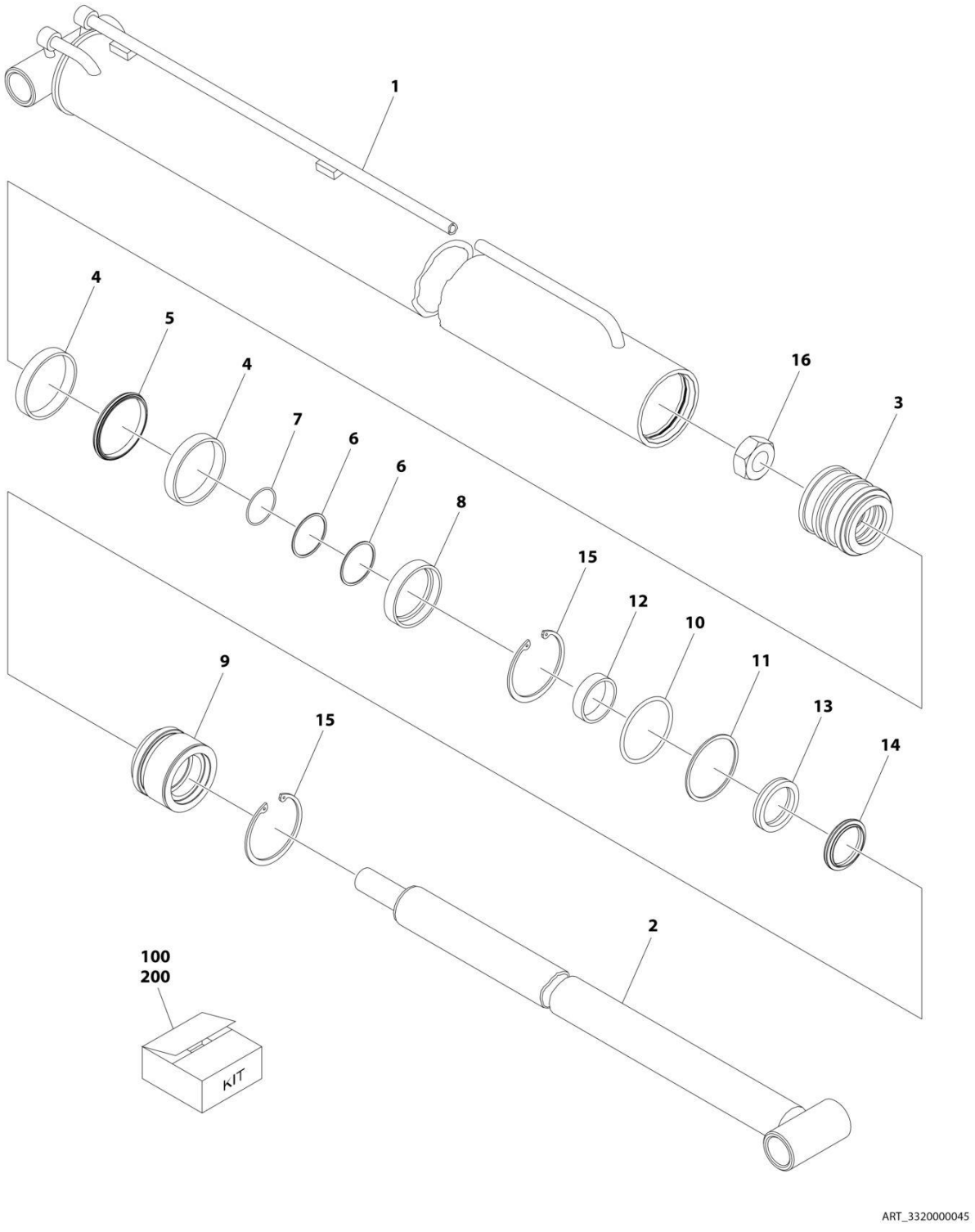


FIGURE 2-14. CYLINDER ASSEMBLY - BOOM EXTEND/RETRACT (8K BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3320000045	Ref	EXTENSION CYLINDER ASSEMBLY	D
1	3071000043	1	Barrel	
2	3763000057	1	Rod	
3	4698000011	1	Piston (Note: Use Item 100)	
4	7754000030	2	Ring, Wear (Note: Use Item 100)	
5	7796000062	1	T-Seal, Piston (Note: Use Item 100)	
6	7755214609	2	Ring, Back-up (Note: Use Item 100)	
7	7755214000	1	O-Ring, Piston (Note: Use Item 100)	
8	4831000117	1	Spacer	
9	4553000015	1	Head (Note: Use Item 200)	
10	7755327000	1	O-Ring (Note: Use Item 200)	
11	7755327609	1	Ring, Back-up (Note: Use Item 200)	
12	7754000036	1	Ring, Wear (Note: Use Item 200)	
13	7796000023	1	Seal, Rod (Note: Use Item 200)	
14	7796000005	1	Seal, Wiper (Note: Use Item 200)	
15	7754000001	2	Retaining Ring	
16	7661000037	1	Nut 5/8	
100	3698000015	1	Piston Assembly - Kit Box (Include Items 3, 4, 5, 6 & 7)	
200	3553000015	1	Head Assembly - Kit Box (Include Items 9, 10, 11, 12, 13 & 14)	

FIGURE 2-15. CYLINDER ASSEMBLY - BOOM EXTEND/RETRACT (18.5K & 24K BOOMS)

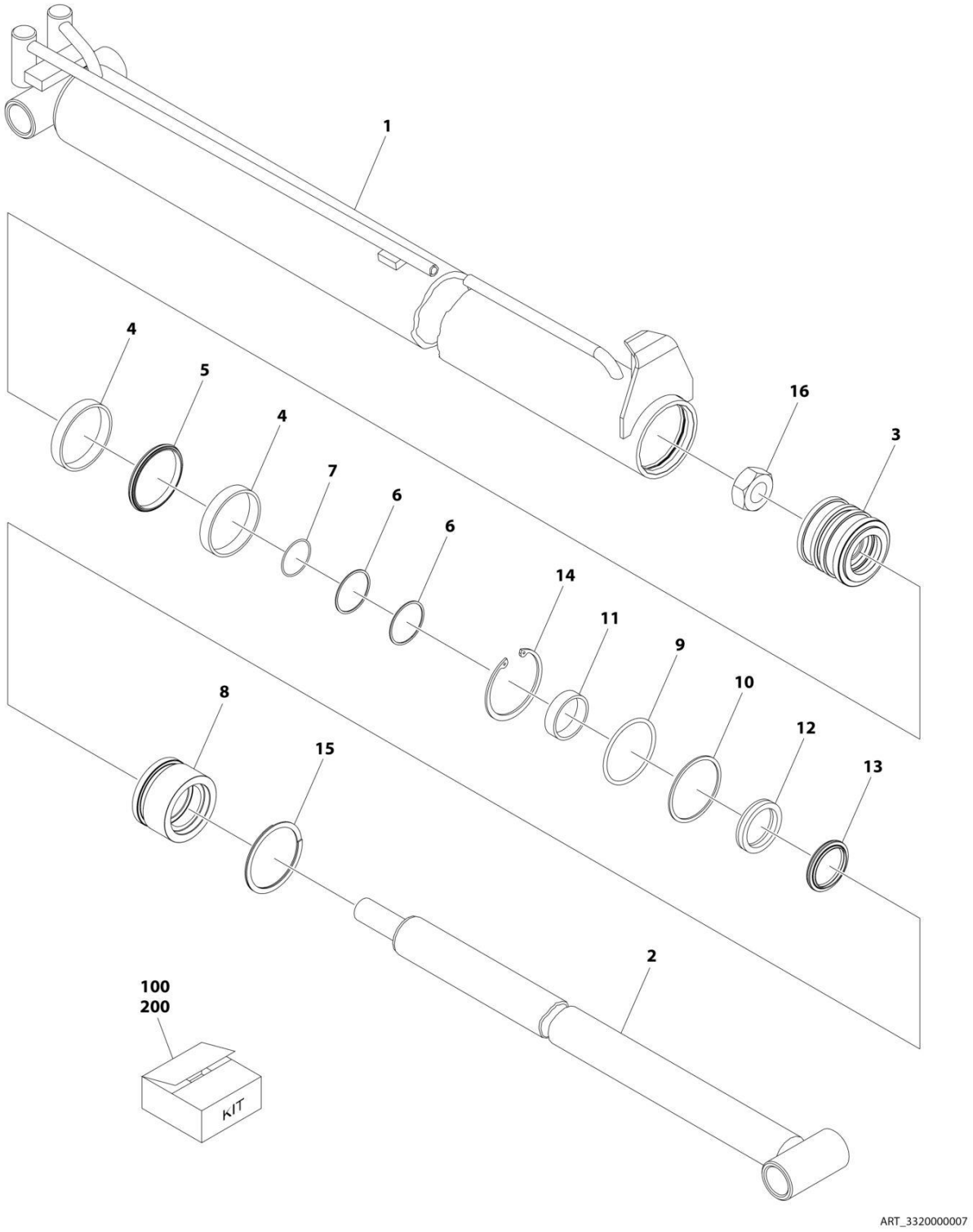


FIGURE 2-15. CYLINDER ASSEMBLY - BOOM EXTEND/RETRACT (18.5K & 24K BOOMS)

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

FIGURE 2-16. CYLINDER ASSEMBLY - BOOM LIFT (8K BOOM)

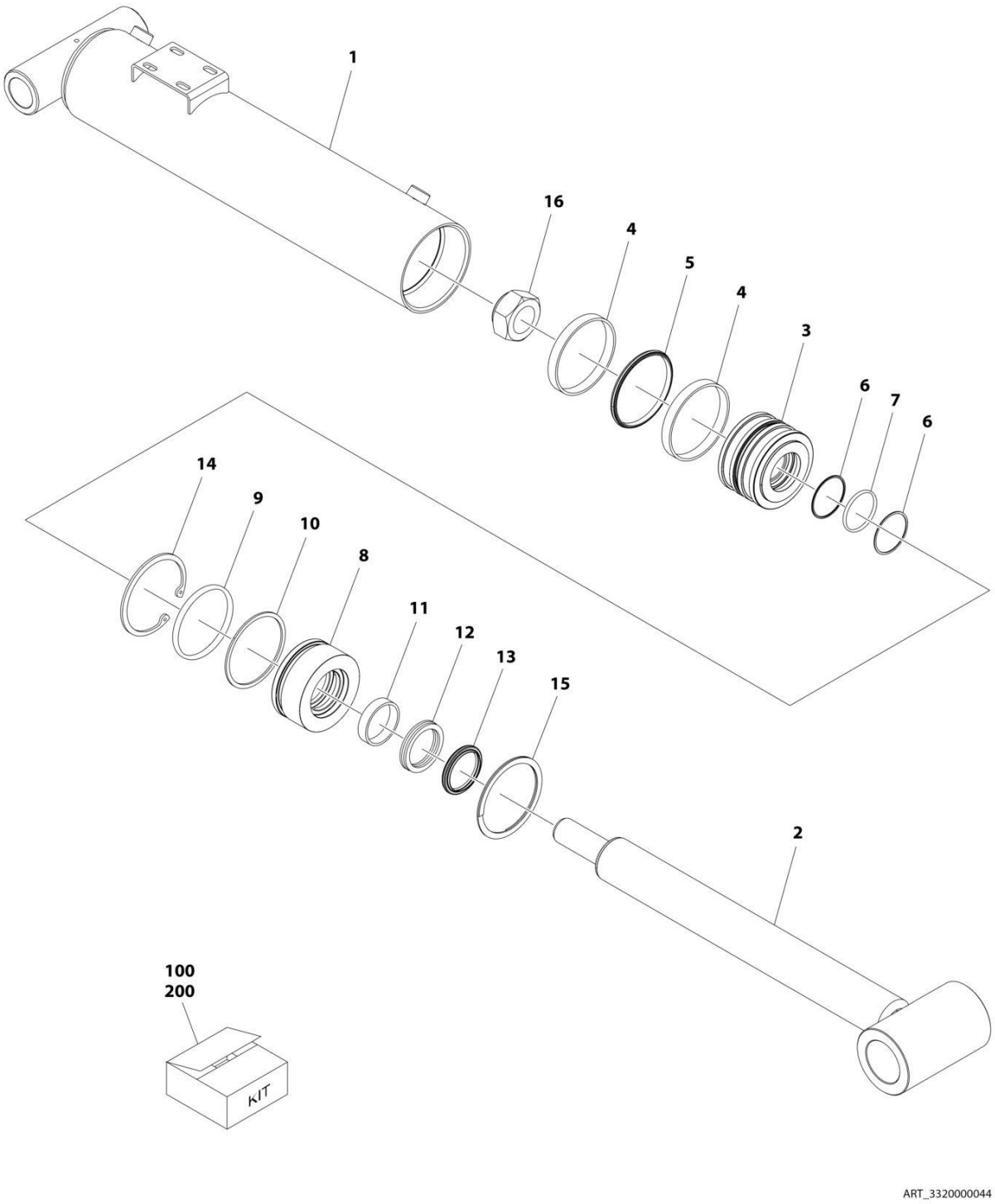


FIGURE 2-16. CYLINDER ASSEMBLY - BOOM LIFT (8K BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3320000044	Ref	CYLINDER ASSEMBLY	C
1	3071000042	1	Barrel	
2	3763000056	1	Rod	
3	3698000008	1	Piston (Note: Use Item 100)	
4	7754000011	2	Ring, Wear (Note: Use Item 100)	
5	7796000065	1	T-Seal, Piston (Note: Use Item 100)	
6	7755226609	2	Ring, Back-up (Note: Use Item 100)	
7	7755226000	1	O-Ring, Piston (Note: Use Item 100)	
8	4553000009	1	Head (Note: Use Item 200)	
9	7755342000	1	O-Ring (Note: Use Item 200)	
10	7755342609	1	Ring, Back-up (Note: Use Item 200)	
11	7754000012	1	Ring, Wear (Note: Use Item 200)	
12	7796000025	1	Seal, Rod (Note: Use Item 200)	
13	7796000011	1	Seal, Wiper (Note: Use Item 200)	
14	7754000013	1	Retaining Ring	
15	7754000028	1	Retaining Ring	
16	7661000035	1	Nut 1-1/2	
100	3698000002	1	Piston Assembly - Kit Box (Include Items 3, 4, 5, 6 & 7)	
200	3553000012	1	Head Assembly - Kit Box (Include Items 8, 9, 10, 11, 12 & 13)	

FIGURE 2-17. CYLINDER ASSEMBLY - BOOM LIFT (18.5K & 24K BOOMS) (WITH COUNTERBALANCE VALVE)

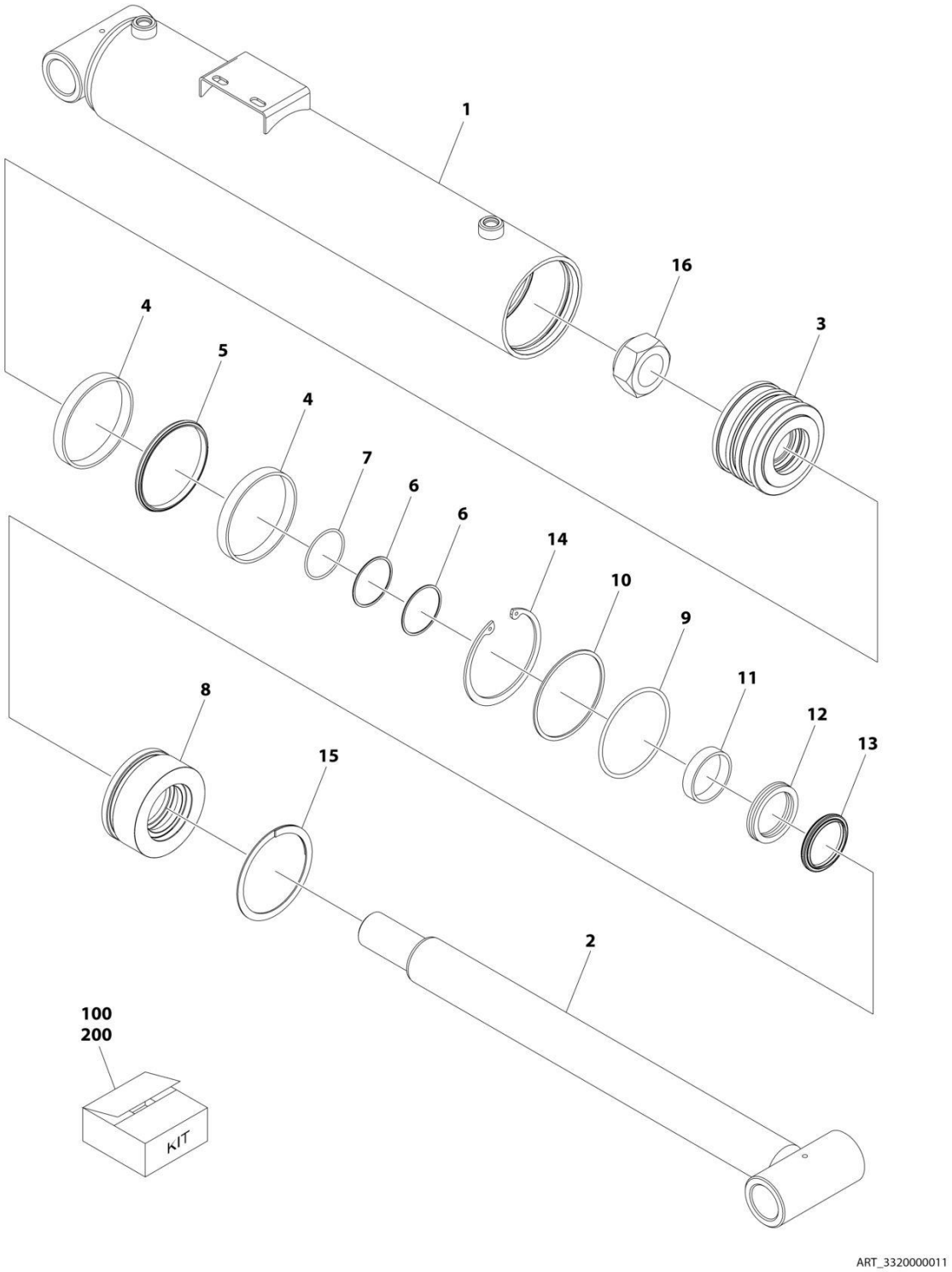


FIGURE 2-17. CYLINDER ASSEMBLY - BOOM LIFT (18.5K & 24K BOOMS) (WITH COUNTERBALANCE VALVE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3320000011	Ref	TILT CYLINDER ASSEMBLY	F
1	3071000011	1	Barrel	
2	3763000041	1	Rod	
3	4698000008	1	Piston (Note: Use Item 100)	
4	7754000011	2	Ring, Wear (Note: Use Item 100)	
5	7796000065	1	T-Seal, Piston (Note: Use Item 100)	
6	7755226609	2	Ring, Back-up (Note: Use Item 100)	
7	7755226000	1	O-Ring, Piston (Note: Use Item 100)	
8	4553000009	1	Head (Note: Use Item 200)	
9	7755342000	1	O-Ring (Note: Use Item 200)	
10	7755342609	1	Ring, Back-up (Note: Use Item 200)	
11	7754000012	1	Ring, Wear (Note: Use Item 200)	
12	7796000025	1	Seal, Rod (Note: Use Item 200)	
13	7796000011	1	Seal, Wiper (Note: Use Item 200)	
14	7754000013	1	Retaining Ring	
15	7754000028	1	Retaining Ring	
16	7661000035	1	Nut 1-1/2	
100	3698000002	1	Piston Assembly - Kit Box (Include Items 3, 4, 5, 6 & 7)	
200	3553000012	1	Head Assembly - Kit Box (Include Items 8, 9, 10, 11, 12 & 13)	

FIGURE 2-18. CYLINDER ASSEMBLY - BOOM LIFT (18.5K & 24K BOOMS) (WITHOUT COUNTERBALANCE VALVE)

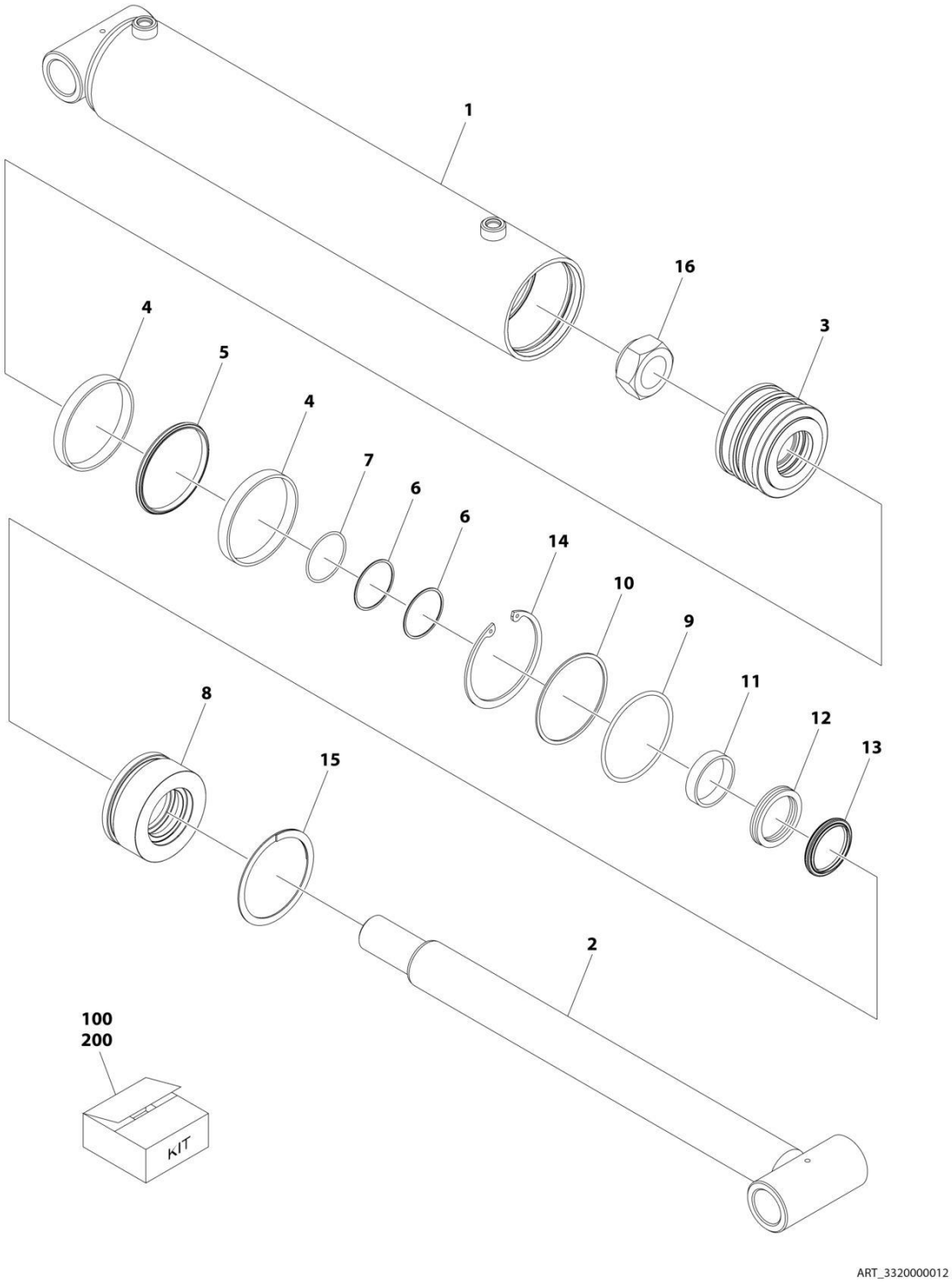


FIGURE 2-18. CYLINDER ASSEMBLY - BOOM LIFT (18.5K & 24K BOOMS) (WITHOUT COUNTERBALANCE VALVE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3320000012	Ref	TILT CYLINDER ASSEMBLY	F
1	3071000012	1	Barrel	
2	3763000041	1	Rod	
3	4698000008	1	Piston (Note: Use Item 100)	
4	7754000011	2	Ring, Wear (Note: Use Item 100)	
5	7796000065	1	T-Seal, Piston (Note: Use Item 100)	
6	7755226609	2	Ring, Back-up (Note: Use Item 100)	
7	7755226000	1	O-Ring, Piston (Note: Use Item 100)	
8	4553000009	1	Head (Note: Use Item 200)	
9	7755342000	1	O-Ring (Note: Use Item 200)	
10	7755342609	1	Ring, Back-up (Note: Use Item 200)	
11	7754000012	1	Ring, Wear (Note: Use Item 200)	
12	7796000025	1	Seal, Rod (Note: Use Item 200)	
13	7796000011	1	Seal, Wiper (Note: Use Item 200)	
14	7754000013	1	Retaining Ring	
15	7754000028	1	Retaining Ring	
16	7661000035	1	Nut 1-1/2	
100	3698000002	1	Piston Assembly - Kit Box (Include Items 3, 4, 5, 6 & 7)	
200	3553000012	1	Head Assembly - Kit Box (Include Items 8, 9, 10, 11, 12 & 13)	

FIGURE 2-19. MOTOR ASSEMBLY - WINCH DRIVE (8000LBS WINCH)

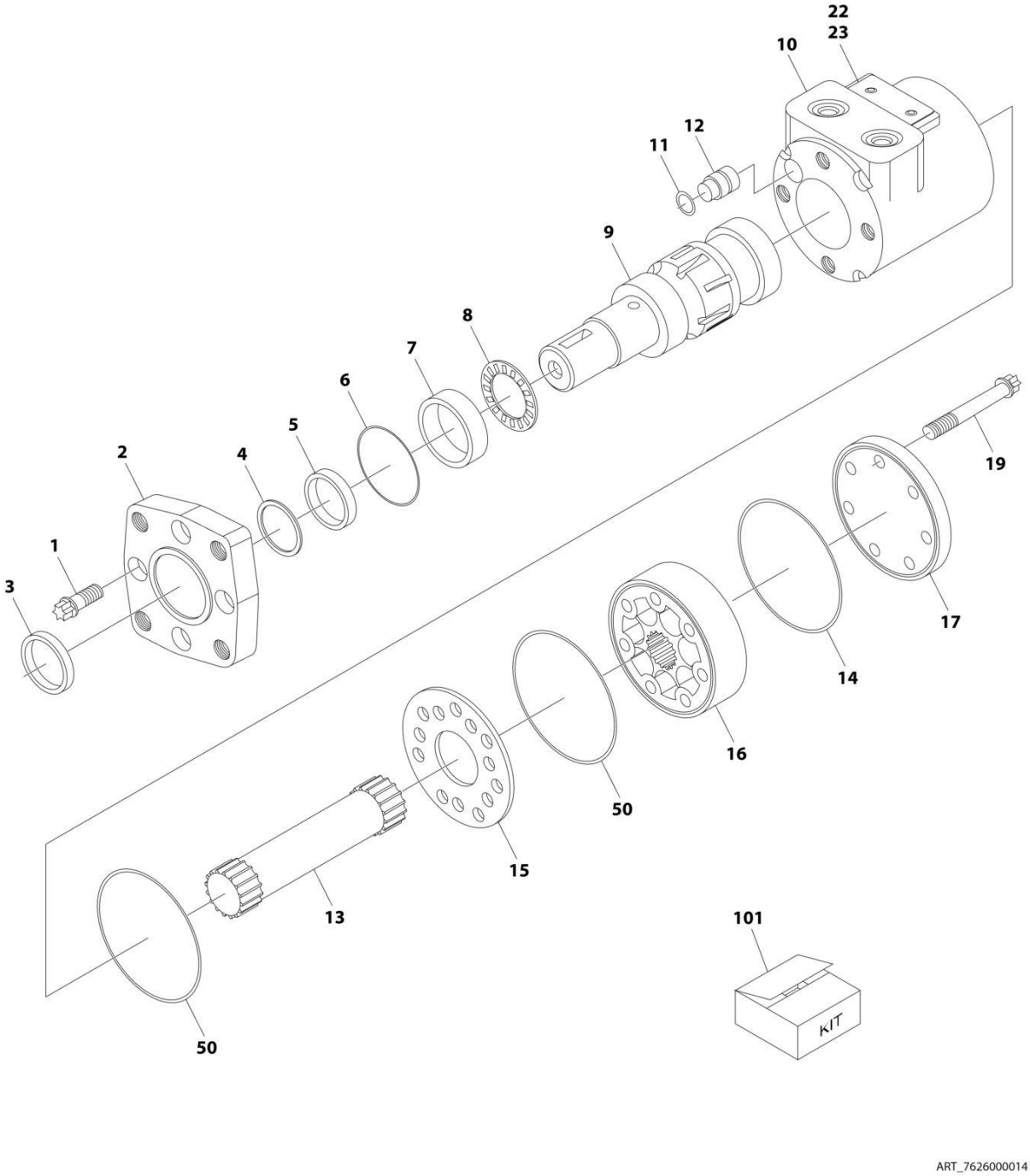
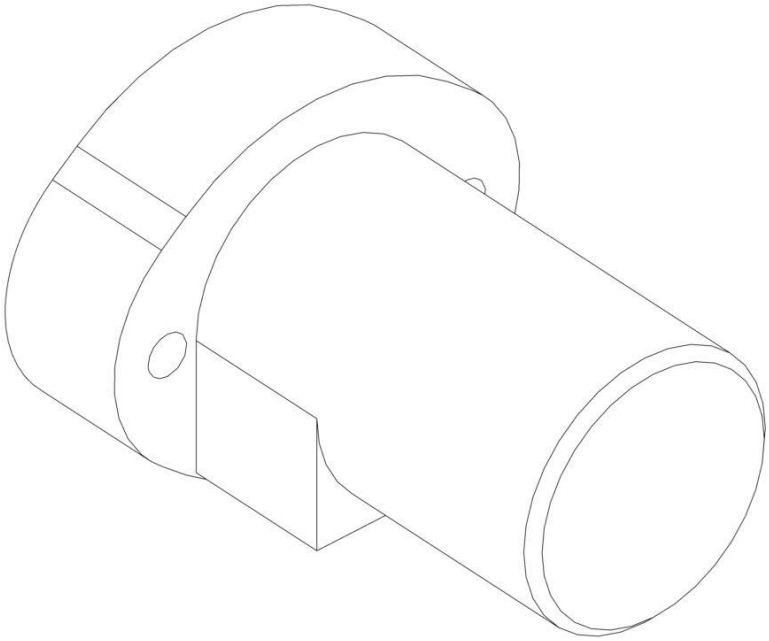


FIGURE 2-19. MOTOR ASSEMBLY - WINCH DRIVE (8000LBS WINCH)

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

FIGURE 2-20. MOTOR ASSEMBLY - WINCH DRIVE (10000LBS SINGLE WINCH ONLY & 12000 LBS WINCH)



ART_7626000013

FIGURE 2-20. MOTOR ASSEMBLY - WINCH DRIVE (10000LBS SINGLE WINCH ONLY & 12000 LBS WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7626000013	Ref	MOTOR ASSEMBLY - WINCH DRIVE (10000LBS SINGLE WINCH ONLY & 12000 LBS WINCH)	
		Ref	Note: No Service Parts Available at Time of Printing	

FIGURE 2-21. MOTOR ASSEMBLY - WINCH DRIVE (12000LBS WINCH) (WEST COAST SPECS) (SN 0230005919 TO PRESENT) (SN 0230005919 to Present)

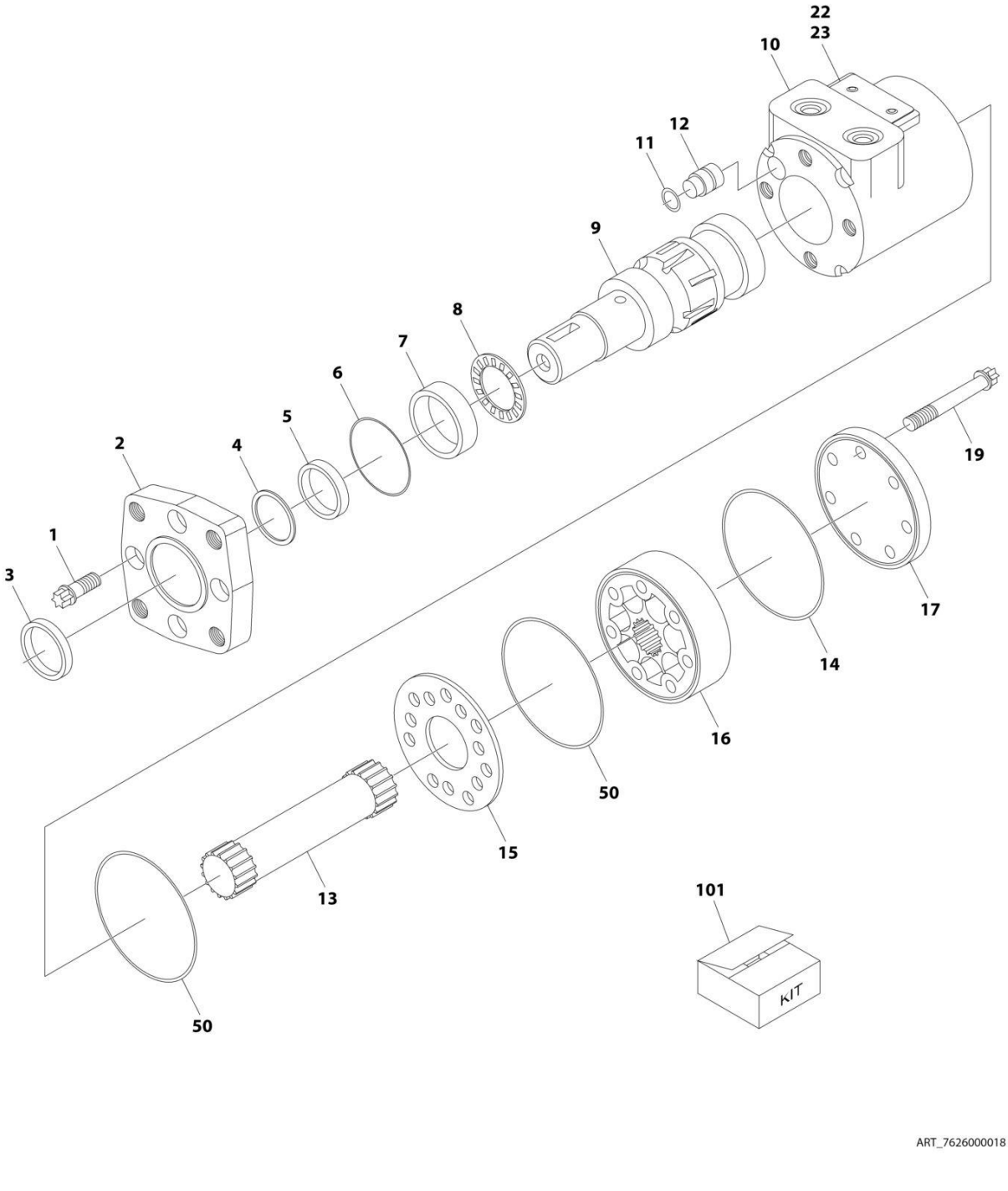
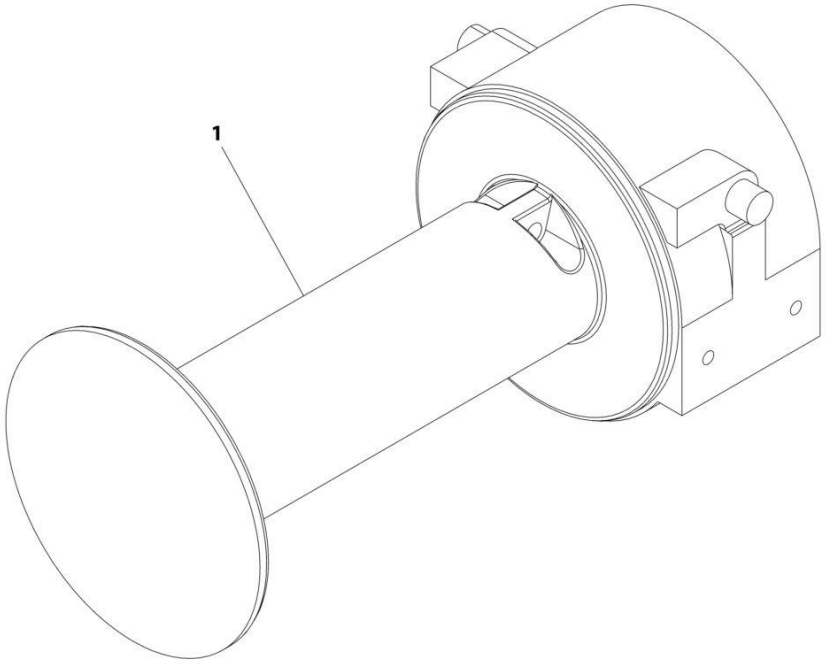


FIGURE 2-21. MOTOR ASSEMBLY - WINCH DRIVE (12000LBS WINCH) (WEST COAST SPECS) (SN 0230005919 TO PRESENT) (SN 0230005919 to Present)

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

FIGURE 2-22. WINCH ASSEMBLY - 8000 LBS LH (8K & 18.5 & BOOM - BOOM MOUNTED)

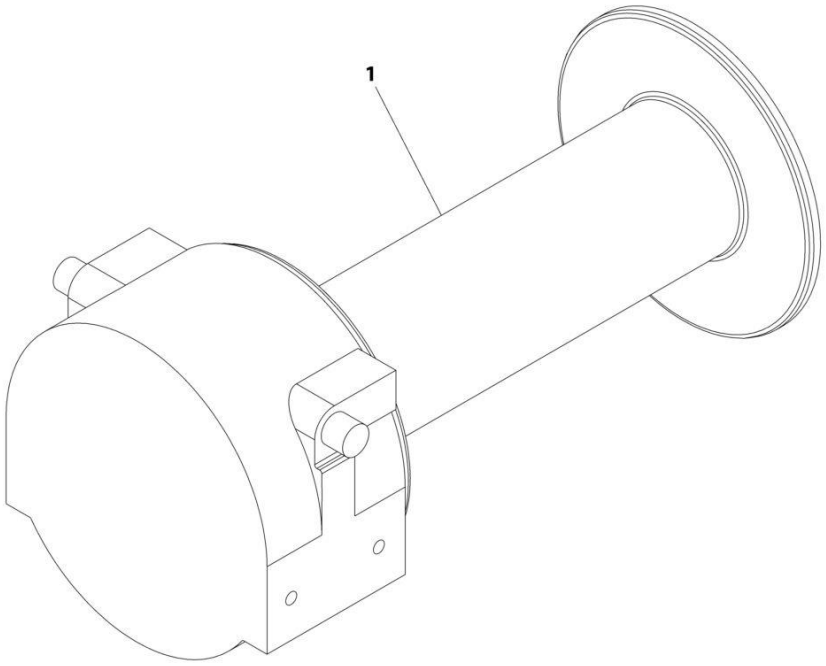


ART_7970000103

FIGURE 2-22. WINCH ASSEMBLY - 8000 LBS LH (8K & 18.5 & BOOM - BOOM MOUNTED)

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

FIGURE 2-23. WINCH ASSEMBLY - 8000 LBS RH (8K & 18.5 & BOOM - BOOM MOUNTED)

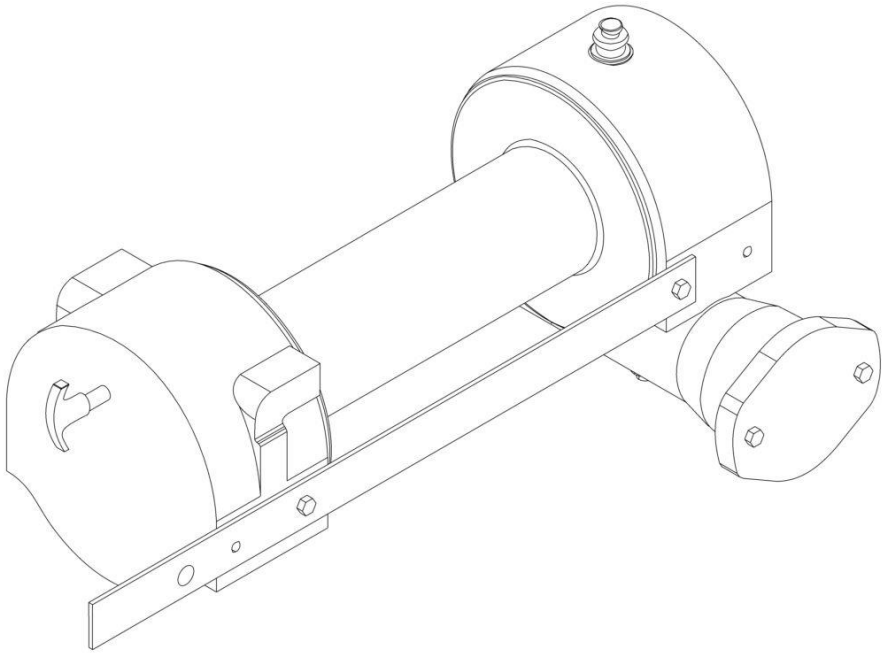


ART_7970000104

FIGURE 2-23. WINCH ASSEMBLY - 8000 LBS RH (8K & 18.5 & BOOM - BOOM MOUNTED)

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

FIGURE 2-24. WINCH ASSEMBLY - 8000 LBS RH (DECK MOUNTED)



ART_7970000147

FIGURE 2-24. WINCH ASSEMBLY - 8000 LBS RH (DECK MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7970000147	Ref	WINCH ASSEMBLY	0
		Ref	Note: No Service Parts Available at Time of Printing	

FIGURE 2-25. WINCH ASSEMBLY - 8K LBS SINGLE WINCH (RECOVERY WINCH - USED WITH BOOM/WINCH ONLY UNITS)

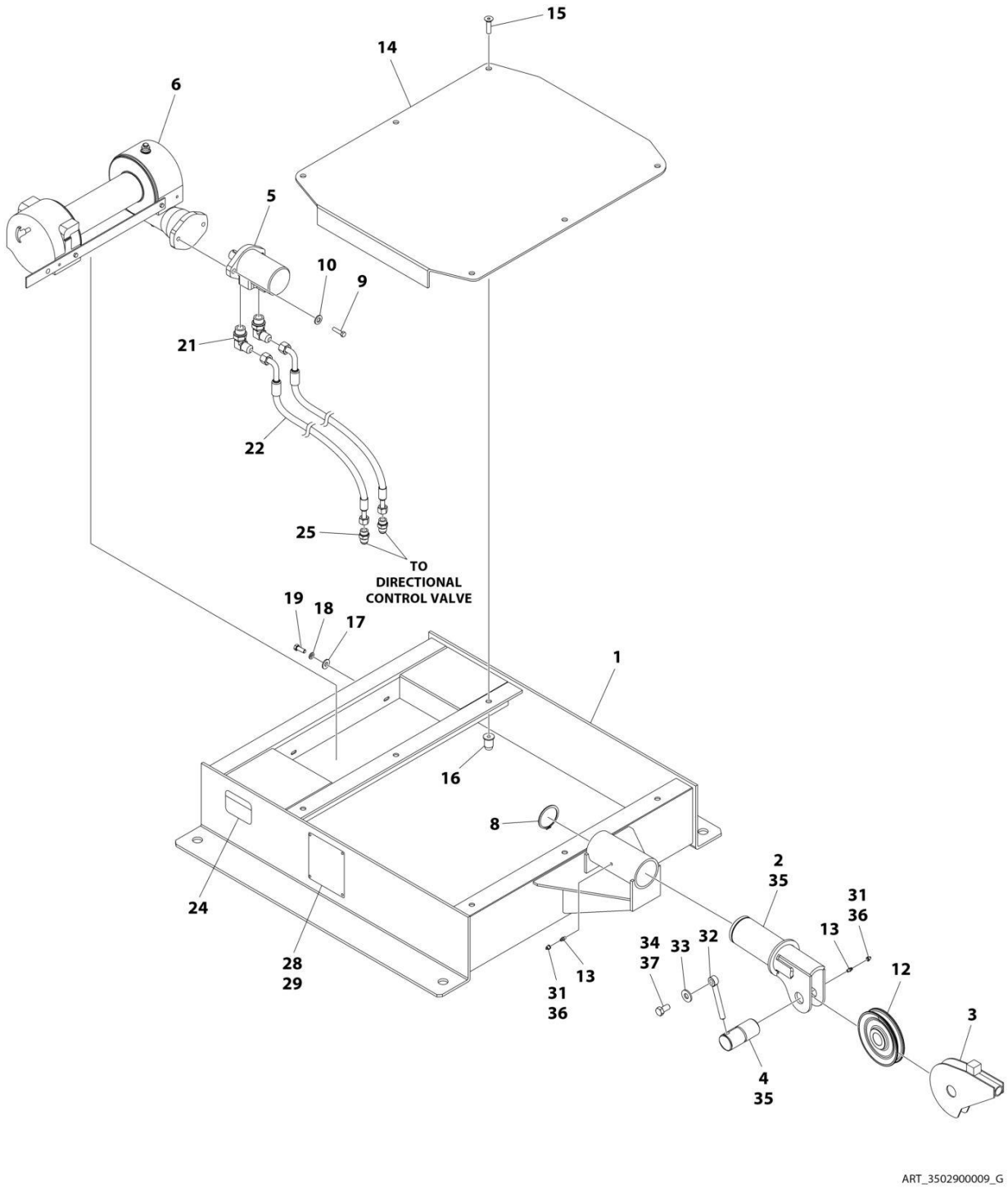
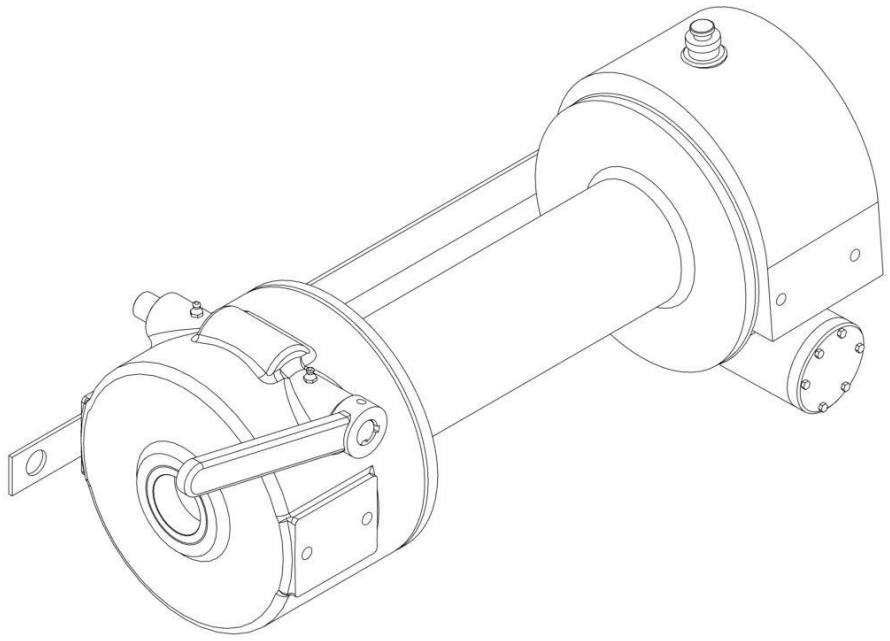


FIGURE 2-25. WINCH ASSEMBLY - 8K LBS SINGLE WINCH (RECOVERY WINCH - USED WITH BOOM/WINCH ONLY UNITS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3502900009	Ref	RECOVERY WINCH ASSEMBLY	G
1	3502900010	1	Winch Mount	
2	3512900006	1	Sheave Support **(Prior to SN 0230003739)**	
2	1001206161	1	Sheave Support **(SN 0230003739 to Present)**	
3	3510900068	1	Cable Guide **(Prior to SN 0230003739)**	
3	1001206167	1	Cable Guide **(SN 0230003739 to Present)**	
4	3691000002	1	Pin **(Prior to SN 0230003739)**	
4	1001206171	1	Pin **(SN 0230003739 to Present)**	
5	7626000014	1	Motor (See Separate Breakdown in this Section)	
6	7970000147	1	Winch Assembly (See Separate Breakdown in this Section)	
8	7754000005	1	Retaining Ring	
9	0641812	2	Bolt 1/2 x 1-1/2	
10	7950180400	2	Washer 1/2	
12	7809000001	1	Sheave	
13	88671008	2	Fitting, Grease	
14	4314000004	1	Cover Plate	
15	7114140823	6	Capscrew 1/4 x 1	
16	7661000006	6	Nut 1/4	
17	4751600	8	Washer 3/8	
18	4761600	8	Washer 3/8	
19	0641608	8	Bolt 3/8 x 1	
21	7445081045	AR	Fitting, 90	
22	4567332075	2	Hose	
24	7330000546	1	Decal	
25	7445080843	2	Fitting, Straight	
26	7701000068	AR	Plug (Not Shown) **(Prior to SN 0230004926)**	
27	7935000174	AR	Relief Valve (Not Shown) **(Prior to SN 0230004926)**	
28	1001132574	1	Decal - Boom Placard	
29	7759000004	4	Rivet	
30	7330000125	1	Decal - Lubrication (Not Shown - Located Inside Driver Side Toolbox Door)	
31	7253000002	2	Cap, Grease Fitting	
32	3841143	1	Keeper, Pin	
33	4711600	1	Washer 3/8	
34	0651606	1	Bolt 3/8 x 3/4	
35	3020039	AR	Lube	
36	3020029	AR	Grease	
37	1001095650	AR	Adhesive	
38	7330000124	1	Decal - Lubricant (Not Shown - Located Inside Driver Side Toolbox Door)	

FIGURE 2-26. WINCH ASSEMBLY - 12000 LBS (WEST COAST SPECS) (SN 0230002518 through 0230005918)

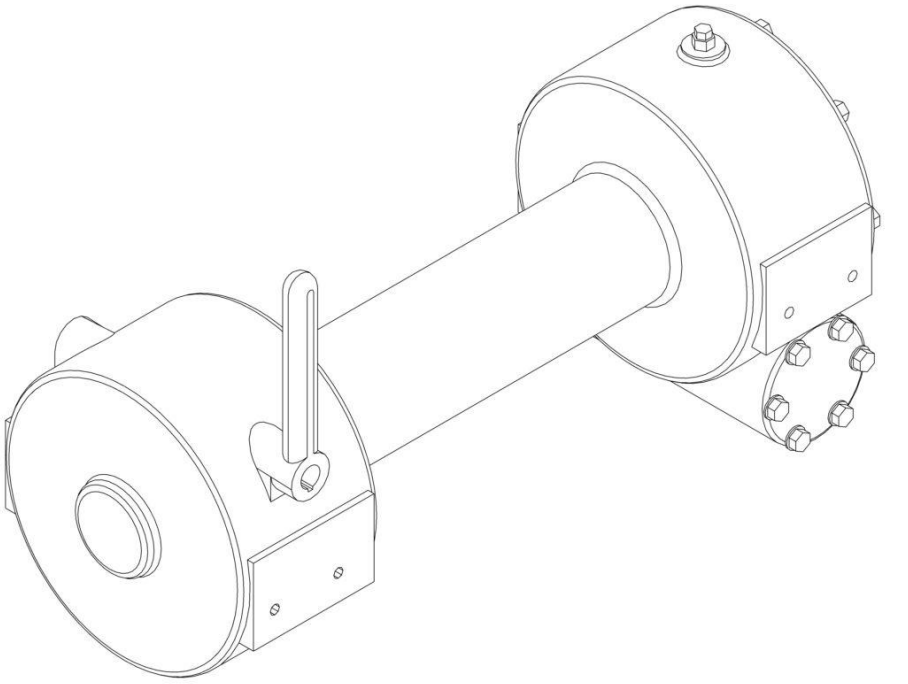


ART_7970000020

FIGURE 2-26. WINCH ASSEMBLY - 12000 LBS (WEST COAST SPECS) (SN 0230002518 through 0230005918)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7970000020	Ref	WINCH ASSEMBLY - 12000 LBS (WEST COAST SPECS)	1
		Ref	Note: No Service Parts Available at Time of Printing	

FIGURE 2-27. WINCH ASSEMBLY - 12000 LBS LH (STANDARD SPECS)

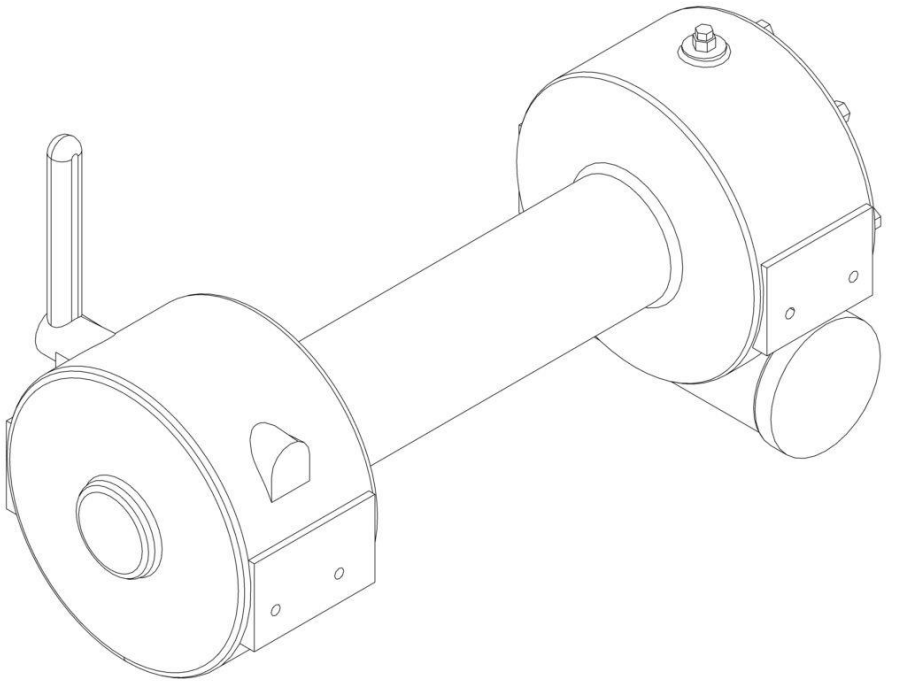


ART_7970000025

FIGURE 2-27. WINCH ASSEMBLY - 12000 LBS LH (STANDARD SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7970000025	Ref	WINCH ASSEMBLY - 12000 LBS LH	B
		Ref	Note: No Service Parts Available at Time of Printing	

FIGURE 2-28. WINCH ASSEMBLY - 12000 LBS RH (STANDARD SPECS)

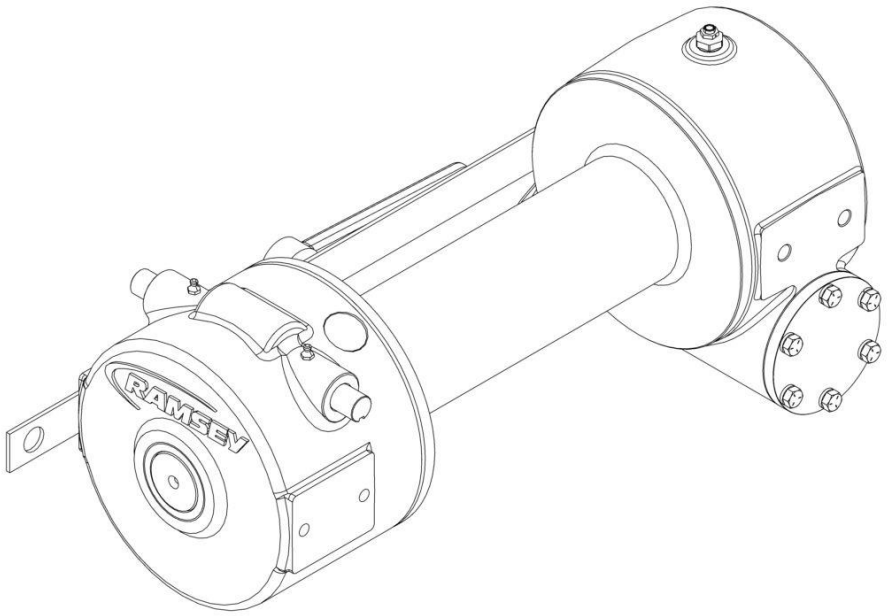


ART_7970000026

FIGURE 2-28. WINCH ASSEMBLY - 12000 LBS RH (STANDARD SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7970000026	Ref	WINCH ASSEMBLY - 12000 LBS RH	B
		Ref	Note: No Service Parts Available at Time of Printing	

FIGURE 2-29. WINCH ASSEMBLY – 12000 LBS LH (WEST COAST SPECS) (SN 0230005919 to Present)

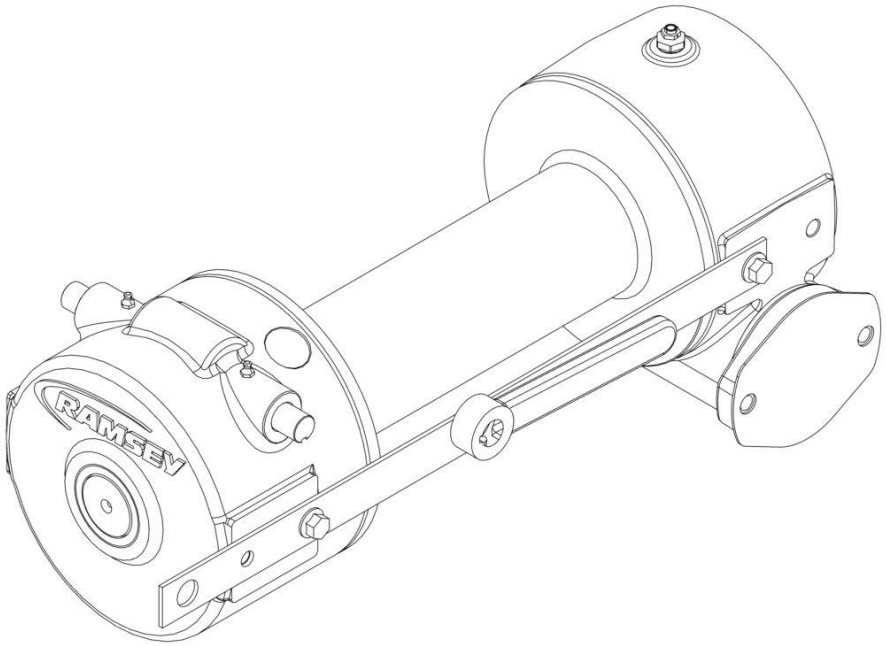


ART_1001236329

FIGURE 2-29. WINCH ASSEMBLY – 12000 LBS LH (WEST COAST SPECS) (SN 0230005919 to Present)

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

FIGURE 2-30. WINCH ASSEMBLY – 12000 LBS RH (WEST COAST SPECS) (SN 0230005919 to Present)

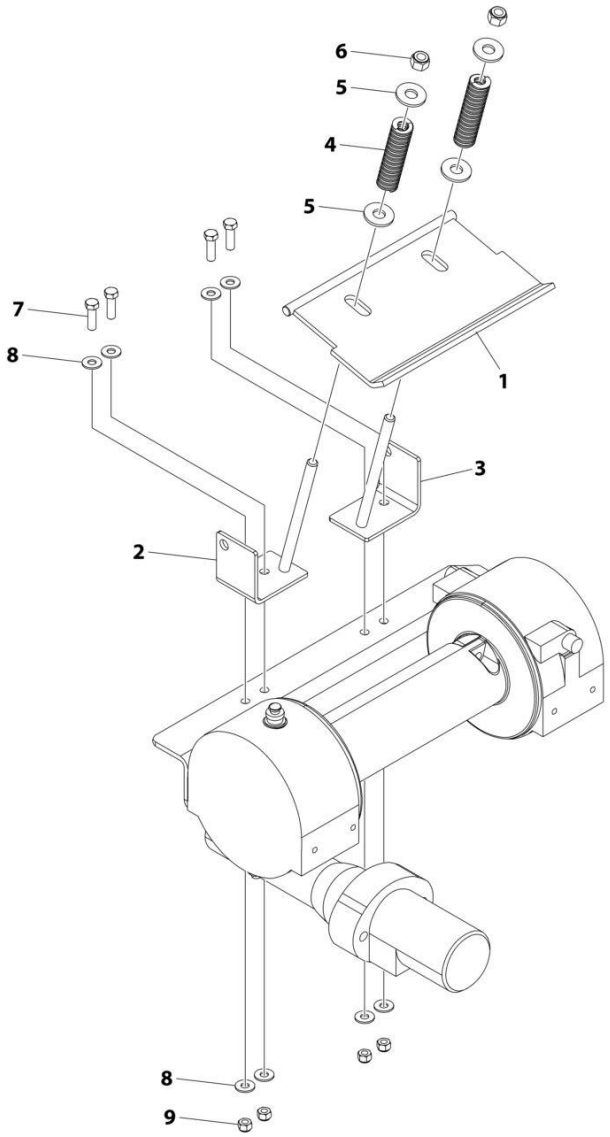


ART_1001236330

FIGURE 2-30. WINCH ASSEMBLY – 12000 LBS RH (WEST COAST SPECS) (SN 0230005919 to Present)

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

FIGURE 2-31. CABLE TENSIONER - 8000LBS BOOM WINCH



ART_2500900643

FIGURE 2-31. CABLE TENSIONER - 8000LBS BOOM 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	

FIGURE 2-32. CABLE TENSIONER - 8000 LBS WINCH (DECK MOUNTED)

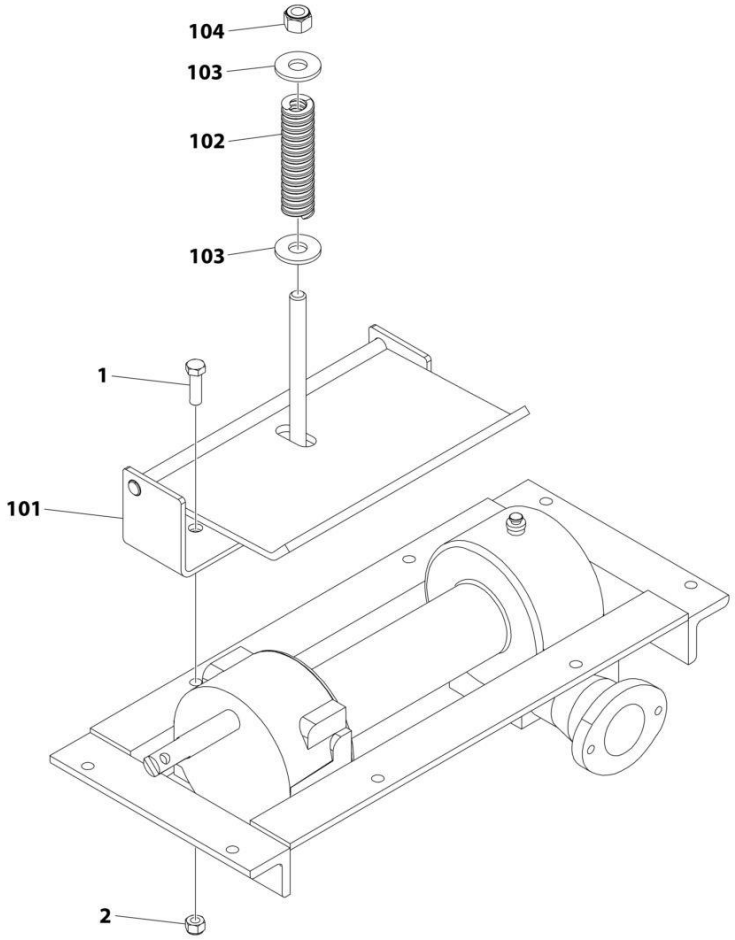
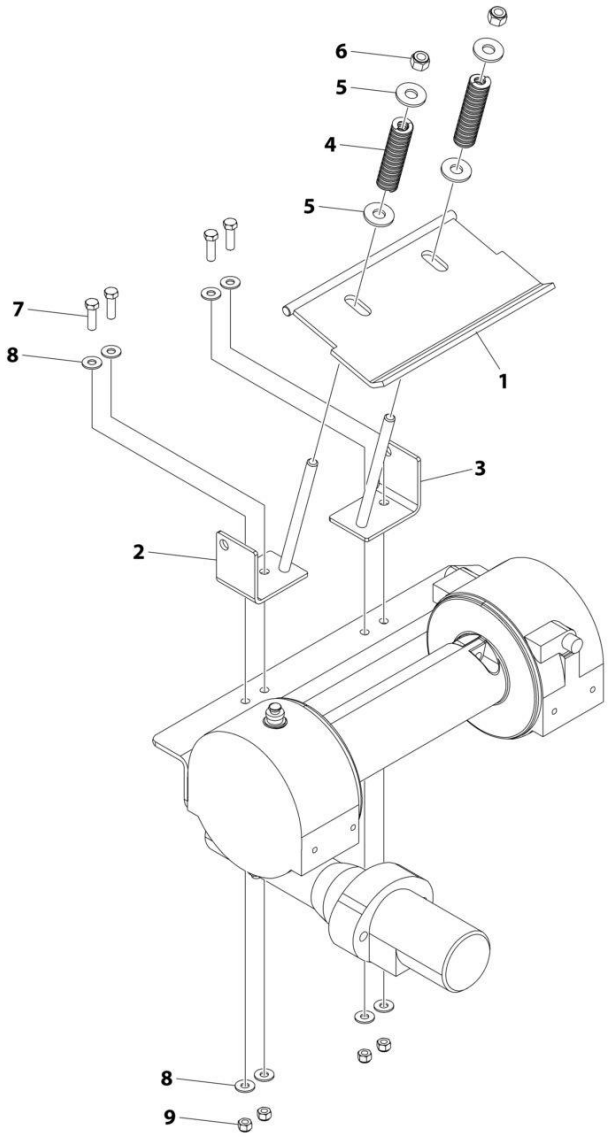


FIGURE 2-32. CABLE TENSIONER - 8000 LBS WINCH (DECK MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2500900139	Ref	CABLE TENSIONER INSTALLATION - WINCH	A
1	7115161050	2	Bolt 3/8 x 1-1/4	
2	7660182600	2	Nut 3/8	
3	3500900016	1	Cable Tensioner Assembly	

FIGURE 2-33. CABLE TENSIONER - 10000LBS BOOM WINCH

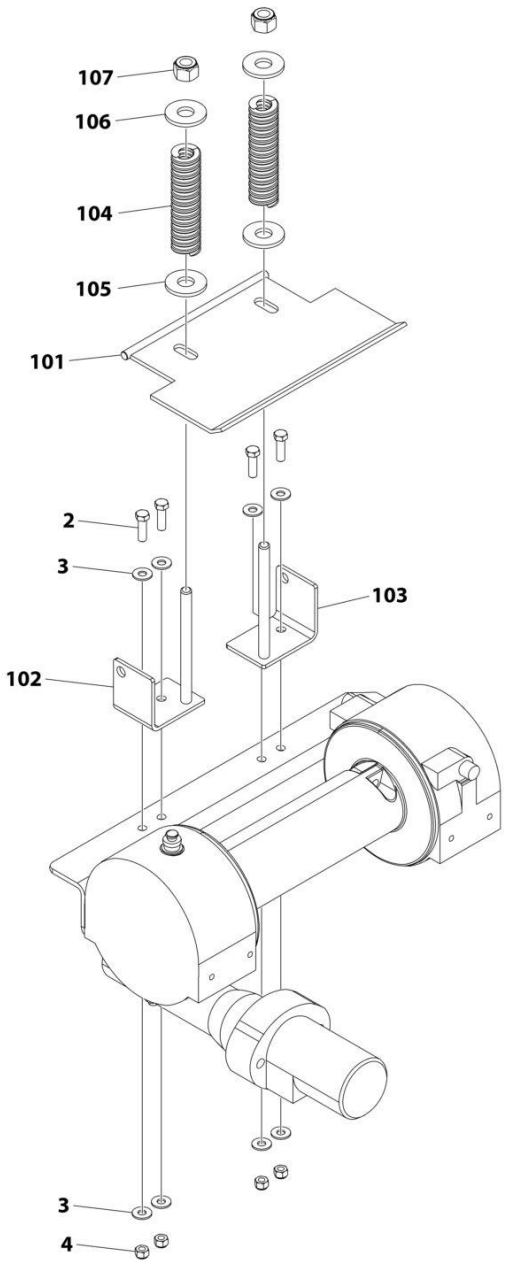


ART_2500900373

FIGURE 2-33. CABLE TENSIONER - 10000LBS BOOM WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2500900373	Ref	CABLE TENSIONER INSTALLATION - WINCH	B
1	3706000024	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	

FIGURE 2-34. CABLE TENSIONER - 12000LBS BOOM WINCH

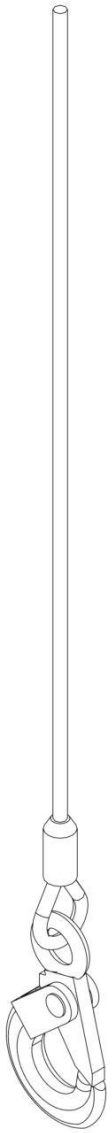


ART_2500900562

FIGURE 2-34. CABLE TENSIONER - 12000LBS BOOM WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2500900562	Ref	CABLE TENSIONER INSTALLATION - WINCH	0
1	3500900061	1	Cable Tensioner Assembly (Not Shown) (Includes Items 101-107)	
2	7115161050	4	Bolt 3/8 x 1-1/4	
3	7950150161	8	Washer 5/16	
4	7660162601	4	Nut 3/8	
	3500900061	Ref	CABLE TENSIONER ASSEMBLY	A
101	3706000052	1	Plate	
102	3017000024	1	Angle	
103	3017000023	1	Angle	
104	7843000004	2	Spring	
105	7950200161	2	Washer	
106	7950180161	AR	Washer 1/2	
107	7660182601	2	Nut 1/2	

FIGURE 2-35. CABLE ASSEMBLY - 3/8X40FT (SINGLE WINCH) (SN 0230002518 through 0230005336)

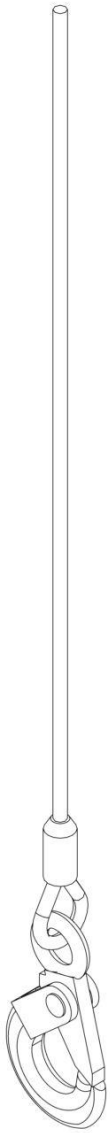


ART_7248000001

FIGURE 2-35. CABLE ASSEMBLY - 3/8X40FT (SINGLE WINCH) (SN 0230002518 through 0230005336)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7248000001	Ref	CABLE ASSEMBLY - 3/8x40FT (SINGLE WINCH)	2

FIGURE 2-36. CABLE ASSEMBLY - 3/8X40FT (SINGLE WINCH) (SN 0230005336 to Present)

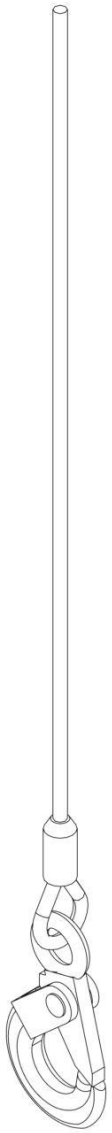


ART_1001228282

FIGURE 2-36. CABLE ASSEMBLY - 3/8X40FT (SINGLE WINCH) (SN 0230005336 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228282	Ref	CABLE ASSEMBLY - 3/8x40FT (SINGLE WINCH)	

FIGURE 2-37. CABLE ASSEMBLY - 3/8X100FT WITH 2TON HOOK (SINGLE WINCH) (STANDARD SPECS) (SN 0230002518 through 0230005336)

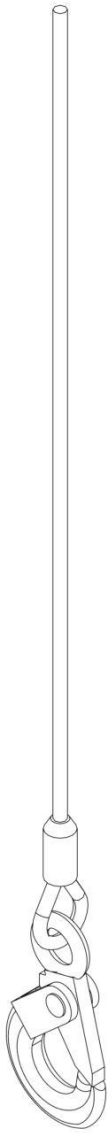


ART_7248000003

FIGURE 2-37. CABLE ASSEMBLY - 3/8X100FT WITH 2TON HOOK (SINGLE WINCH) (STANDARD SPECS) (SN 0230002518 through 0230005336)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7248000003	Ref	CABLE ASSEMBLY - 3/8x100FT WITH 2TON HOOK (SINGLE WINCH)	5

FIGURE 2-38. CABLE ASSEMBLY - 3/8X100FT WITH 2TON HOOK (SINGLE WINCH) (GSA SPECS) (SN 0230002518 through 0230005336)

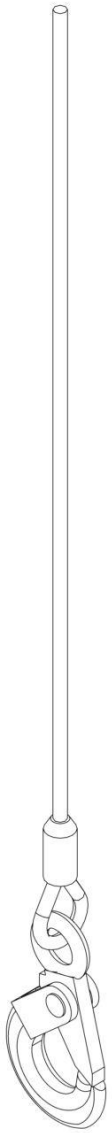


ART_7248000108

FIGURE 2-38. CABLE ASSEMBLY - 3/8X100FT WITH 2TON HOOK (SINGLE WINCH) (GSA SPECS) (SN 0230002518 through 0230005336)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7248000108	Ref	CABLE ASSEMBLY - 3/8x100FT WITH 2TON HOOK (SINGLE WINCH)	2

FIGURE 2-39. CABLE ASSEMBLY - 3/8X100FT WITH 3TON HOOK (SINGLE WINCH) (STANDARD SPECS) (SN 0230002518 through 0230005336)

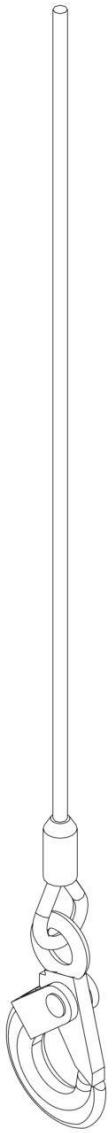


ART_1001139924

FIGURE 2-39. CABLE ASSEMBLY - 3/8X100FT WITH 3TON HOOK (SINGLE WINCH) (STANDARD SPECS) (SN 0230002518 through 0230005336)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139924	Ref	CABLE ASSEMBLY - 3/8x100FT WITH 3TON HOOK (SINGLE WINCH)	A

FIGURE 2-40. CABLE ASSEMBLY - 3/8X101FT WITH 2TON HOOK (SINGLE WINCH) (STANDARD SPECS) (SN 0230005336 to Present)

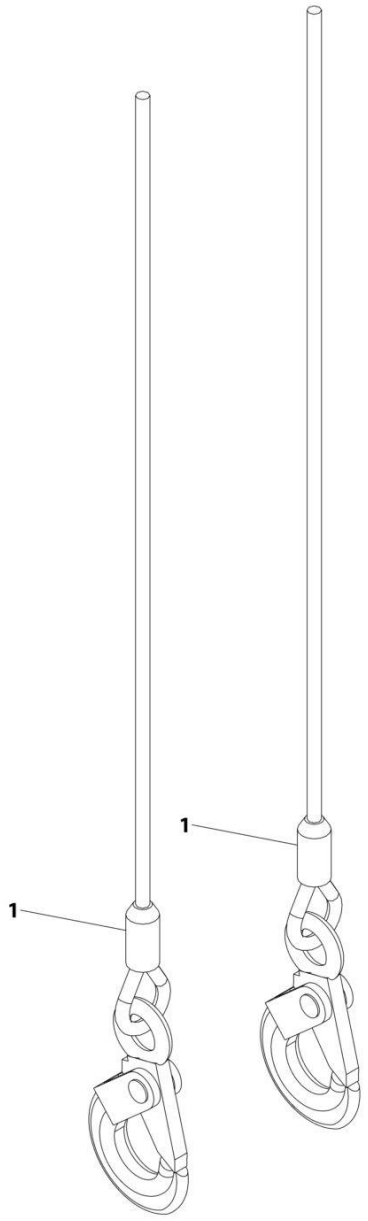


ART_1001228283

FIGURE 2-40. CABLE ASSEMBLY - 3/8X101FT WITH 2TON HOOK (SINGLE WINCH) (STANDARD SPECS) (SN 0230005336 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228283	Ref	CABLE ASSEMBLY - 3/8x101FT WITH 2TON HOOK (SINGLE WINCH)	

FIGURE 2-41. CABLE ASSEMBLY - 3/8X101FT WITH 2TON HOOK (DUAL WINCHES) (STANDARD SPECS)

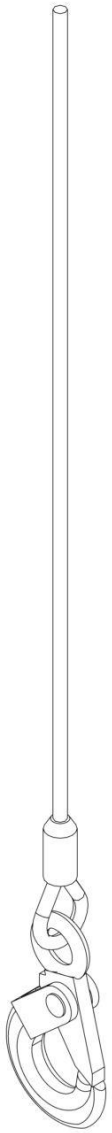


ART_1001181890

FIGURE 2-41. CABLE ASSEMBLY - 3/8X101FT WITH 2TON HOOK (DUAL WINCHES) (STANDARD SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181890	Ref	CABLE ASSEMBLY - 3/8x101FT WITH 2TON HOOK (DUAL WINCHES)	A
1	7248000003	2	Cable Assembly	

FIGURE 2-42. CABLE ASSEMBLY - 7/16X101FT (SINGLE WINCH) (SN 0230002518 through 0230005336)

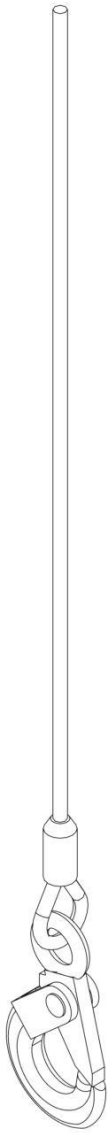


ART_7248000015

FIGURE 2-42. CABLE ASSEMBLY - 7/16X101FT (SINGLE WINCH) (SN 0230002518 through 0230005336)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7248000015	Ref	CABLE ASSEMBLY - 7/16x101FT (SINGLE WINCH)	5

FIGURE 2-43. CABLE ASSEMBLY - 7/16X101FT (SINGLE WINCH) (SN 0230005336 to Present)

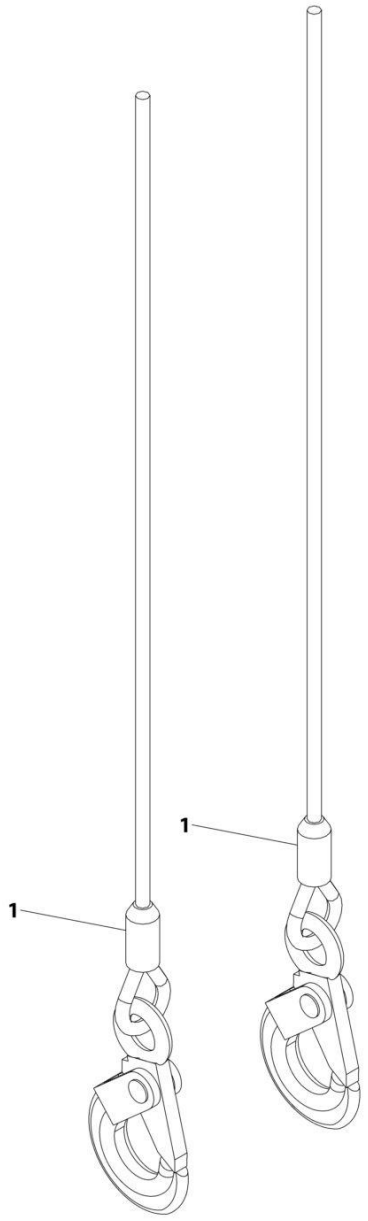


ART_1001228284

FIGURE 2-43. CABLE ASSEMBLY - 7/16X101FT (SINGLE WINCH) (SN 0230005336 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228284	Ref	CABLE ASSEMBLY - 7/16x101FT (SINGLE WINCH)	

FIGURE 2-44. CABLE ASSEMBLY - 7/16X101FT (DUAL WINCHES)

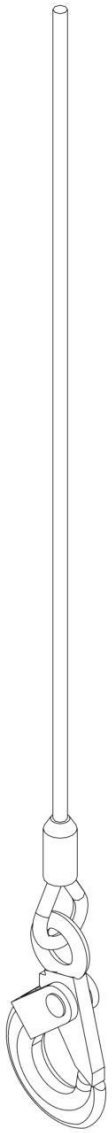


ART_1001181888

FIGURE 2-44. CABLE ASSEMBLY - 7/16X101FT (DUAL WINCHES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181888	Ref	CABLE ASSEMBLY - 7/16x101FT (DUAL WINCHES)	A
1	7248000015	2	Cable Assembly	

FIGURE 2-45. CABLE ASSEMBLY - 7/16X150FT (SINGLE WINCH) (SN 0230002518 through 0230005336)

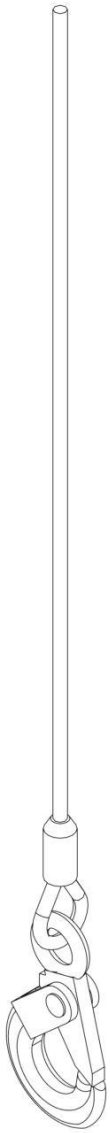


ART_7248000023

FIGURE 2-45. CABLE ASSEMBLY - 7/16X150FT (SINGLE WINCH) (SN 0230002518 through 0230005336)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7248000023	Ref	CABLE ASSEMBLY - 7/16x150FT (SINGLE WINCH)	0

FIGURE 2-46. CABLE ASSEMBLY - 7/16X150FT (SINGLE WINCH) (SN 0230005336 to Present)



ART_1001228285

FIGURE 2-46. CABLE ASSEMBLY - 7/16X150FT (SINGLE WINCH) (SN 0230005336 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228285	Ref	CABLE ASSEMBLY - 7/16x150FT (SINGLE WINCH)	

FIGURE 2-47. CABLE ASSEMBLY - 7/16X150FT (DUAL WINCHES)

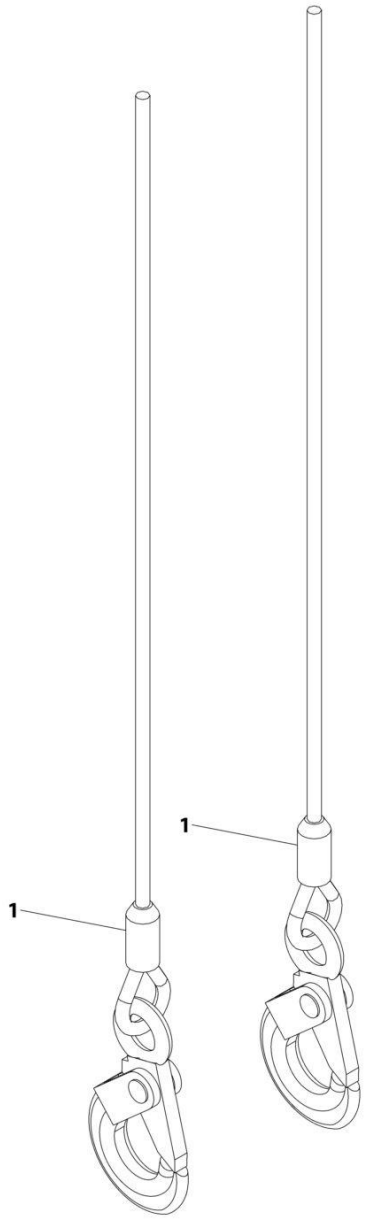
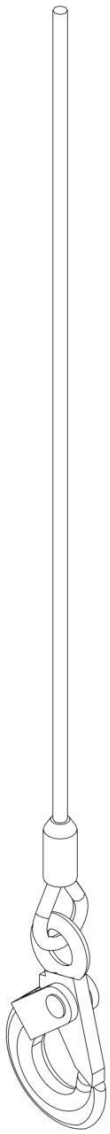


FIGURE 2-47. CABLE ASSEMBLY - 7/16X150FT (DUAL WINCHES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181887	Ref	CABLE ASSEMBLY - 7/16x150FT (DUAL WINCHES)	A
1	7248000023	2	Cable Assembly	

FIGURE 2-48. CABLE ASSEMBLY - 1/2X200FT (SINGLE WINCH) (SN 0230002518 through 0230005336)



ART_7248000025

FIGURE 2-48. CABLE ASSEMBLY - 1/2X200FT (SINGLE WINCH) (SN 0230002518 through 0230005336)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7248000025	Ref	CABLE ASSEMBLY - 1/2x200FT (SINGLE WINCH)	3

FIGURE 2-49. ANGLE INDICATOR INSTALLATION - WRECKER BOOM (UL SPECS) (SN 0230002518 through 0230007544)

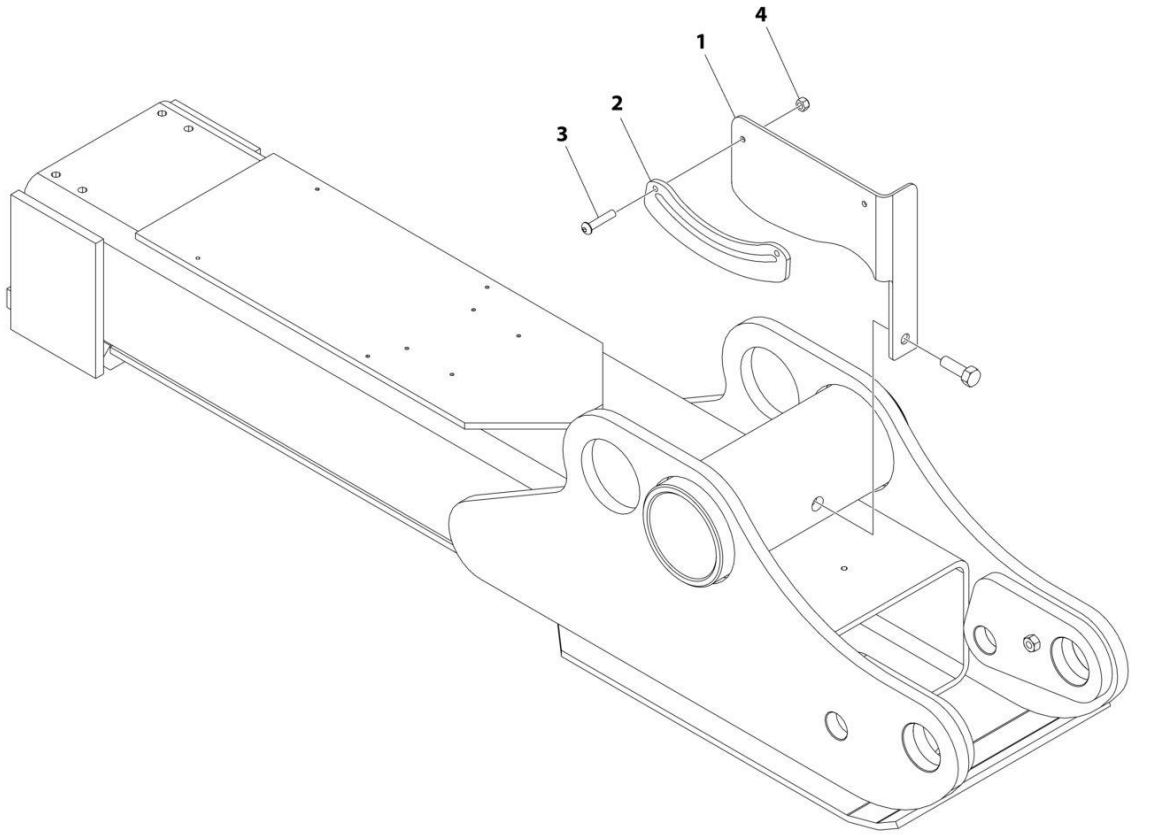


FIGURE 2-49. ANGLE INDICATOR INSTALLATION - WRECKER BOOM (UL SPECS) (SN 0230002518 through 0230007544)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2470000008	Ref	ANGLE INDICATOR INSTALLATION - WRECKER BOOM	0
1	4178000915	1	Bracket	
2	7470000017	1	Gauge, Angle Indicator	
3	7114080618	2	Screw #8 x 3/4	
4	7660082604	2	Nut #8	

FIGURE 2-50. ANGLE INDICATOR INSTALLATION - WRECKER BOOM (SN 0230002518 through 0230007544)

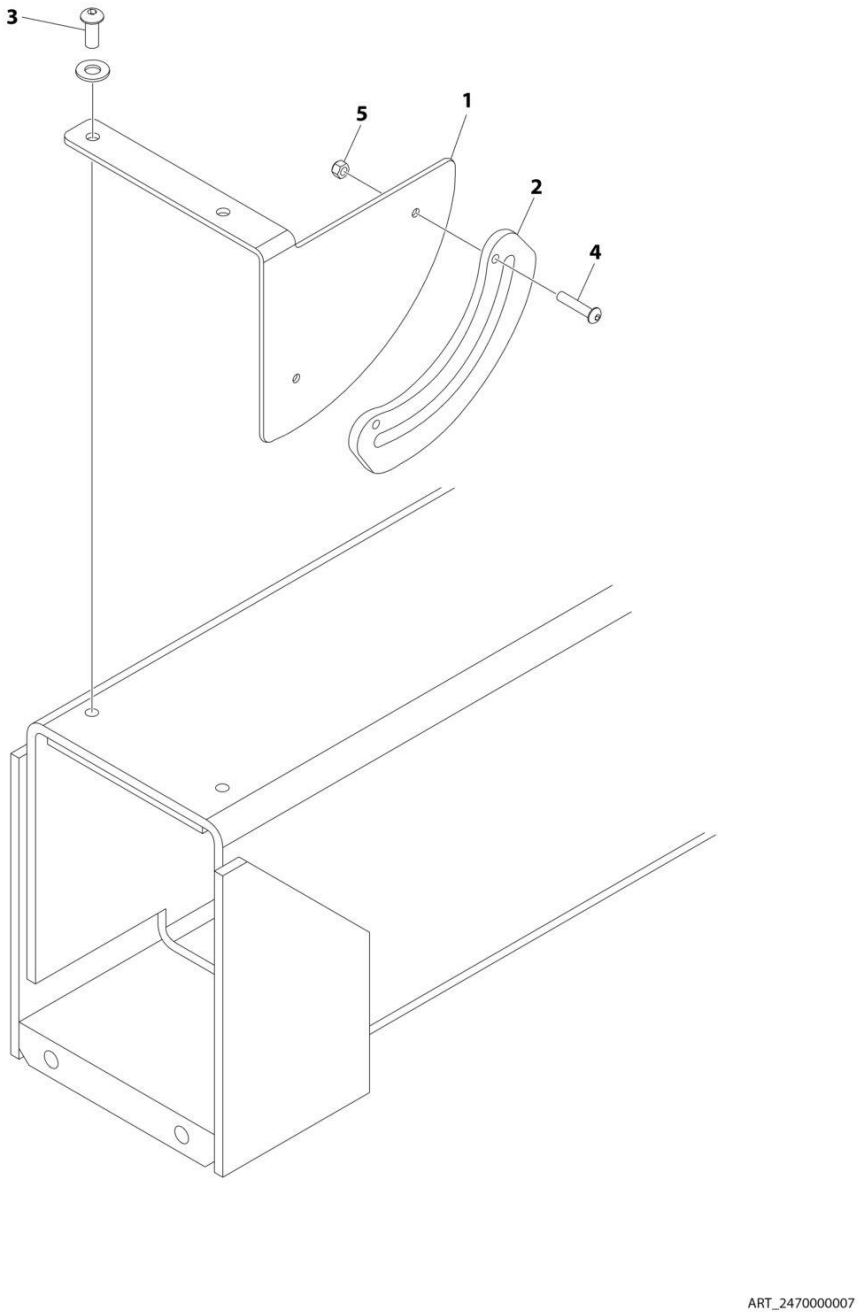


FIGURE 2-50. ANGLE INDICATOR INSTALLATION - WRECKER BOOM (SN 0230002518 through 0230007544)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2470000007	Ref	ANGLE INDICATOR INSTALLATION - WRECKER BOOM	0
1	4178000914	1	Bracket	
2	7470000015	1	Gauge, Boom Angle Indicator	
3	7114140518	2	Bolt 1/4 x 5/8	
4	7114080618	2	Screw #8 x 3/4	
5	7660082604	2	Nut #8	

SECTION 3 - UNDERLIFT

SECTION 3 - UNDERLIFT

FIGURE 3-1. UNDERLIFT INSTALLATION - 3500LBS (HPL35)

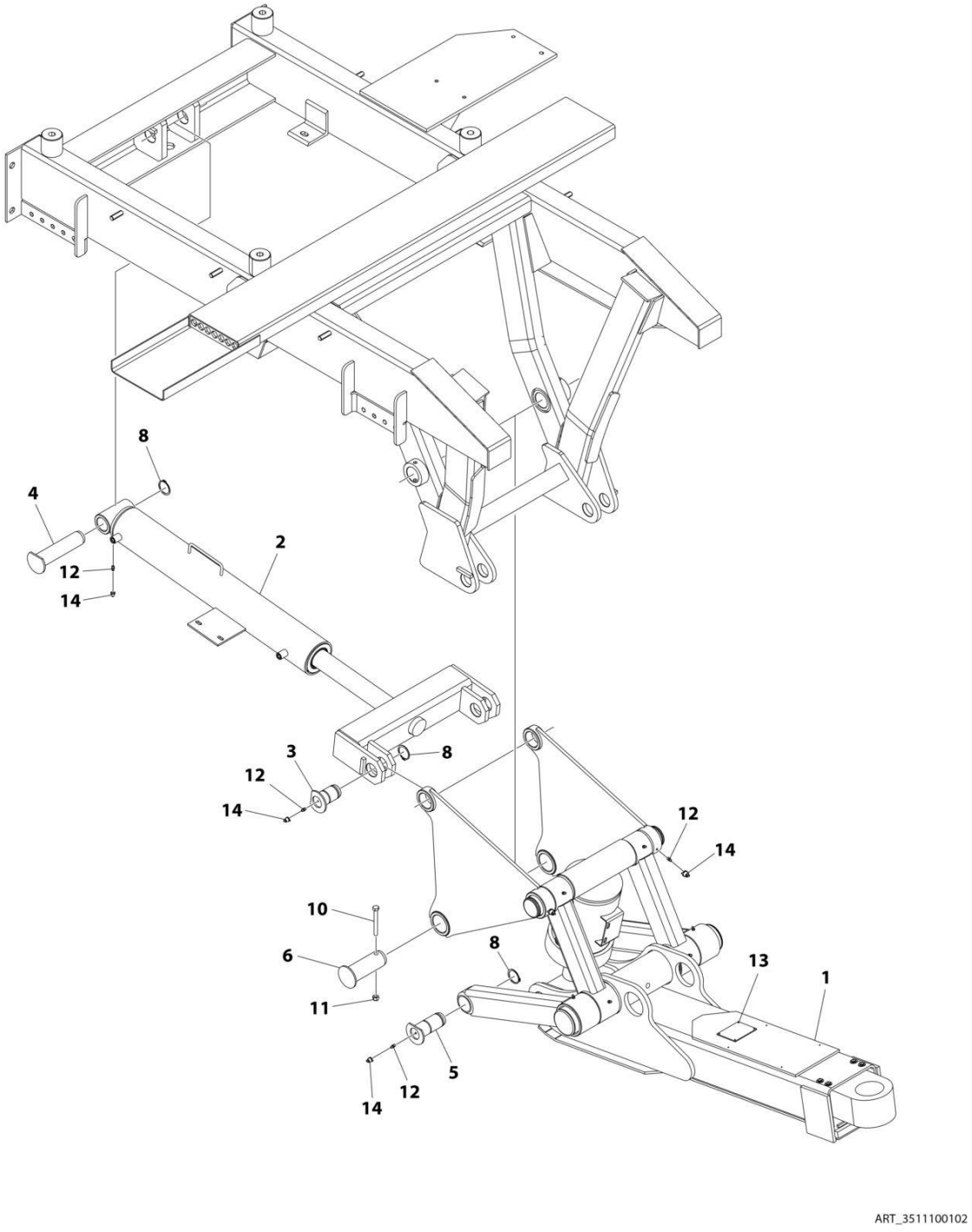


FIGURE 3-1. UNDERLIFT INSTALLATION - 3500LBS (HPL35)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3511100102	Ref	UNDERLIFT INSTALLATION	F
1	3511100071	1	Boom Assembly - Underlift (See Separate Breakdown in this Section)	
2	3320000228	1	Cylinder Assembly - Underlift Extend/Retract (See Separate Breakdown in this Section)	
3	3691000060	2	Pin	
4	3691000063	1	Pin	
5	3691000066	2	Pin	
6	3691000086	2	Pin	
8	7754000033	5	Ring, Retaining	
10	7115162650	2	Bolt 3/8 x 3-1/4	
11	7660162601	2	Nut 3/8	
12	7440030000	7	Fitting, Straight	
13	7759000004	4	Pop Rivet	
14	7253000002	7	Fitting, Cap	

FIGURE 3-2. UNDERLIFT INSTALLATION - 3500LBS (HPL35 WITH HPL60 FLY)

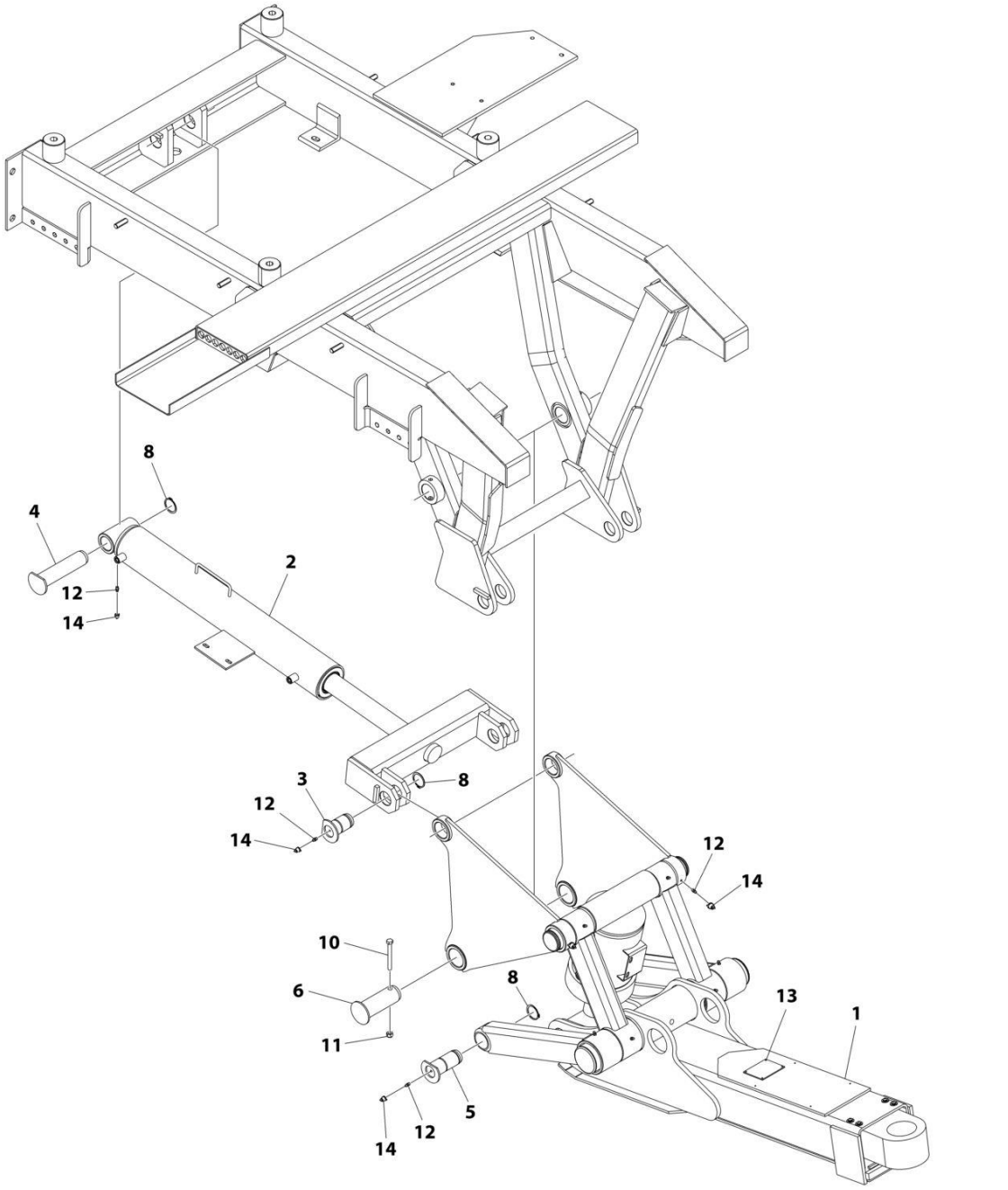


FIGURE 3-2. UNDERLIFT INSTALLATION - 3500LBS (HPL35 WITH HPL60 FLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001128622	Ref	UNDERLIFT INSTALLATION	B
1	1001128621	1	Boom Assembly - Underlift (See Separate Breakdown in this Section)	
2	3320000228	1	Cylinder Assembly - Underlift Extend/Retract (See Separate Breakdown in this Section)	
3	3691000060	2	Pin	
4	3691000063	1	Pin	
5	3691000066	2	Pin	
6	3691000086	2	Pin	
8	7754000033	5	Ring, Retaining	
10	7115162650	2	Bolt 3/8 x 3-1/4	
11	7660162601	2	Nut 3/8	
12	7440030000	7	Fitting, Straight	
13	7759000004	4	Pop Rivet	
14	7253000002	7	Fitting, Cap	

FIGURE 3-3. UNDERLIFT INSTALLATION - 5000LBS (HPL60 WITH LOW BASE)

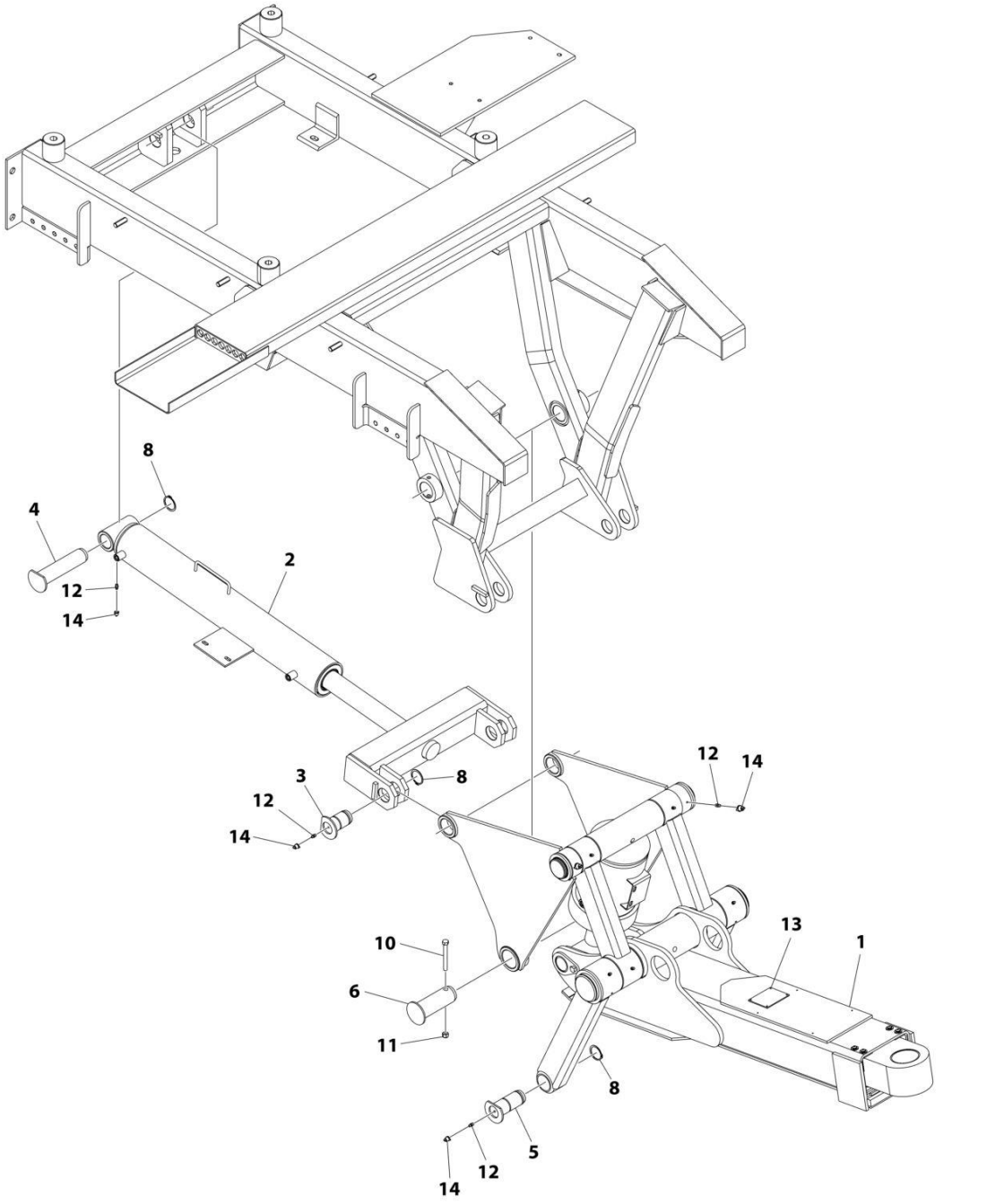


FIGURE 3-3. UNDERLIFT INSTALLATION - 5000LBS (HPL60 WITH LOW BASE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3512100091	Ref	UNDERLIFT INSTALLATION	C
1	3512100019	1	Boom Assembly - Underlift (See Separate Breakdown in this Section)	
2	3320000228	1	Cylinder Assembly - Underlift Extend/Retract (See Separate Breakdown in this Section)	
3	3691000060	2	Pin	
4	3691000063	1	Pin	
5	3691000066	2	Pin	
6	3691000086	2	Pin	
8	7754000033	5	Ring, Retaining	
10	7115162650	2	Bolt 3/8 x 3-1/4	
11	7660162601	2	Nut 3/8	
12	7440030000	7	Fitting, Straight	
13	7759000004	4	Pop Rivet	
14	7253000002	7	Fitting, Cap	

FIGURE 3-4. UNDERLIFT INSTALLATION - 5000LBS (HPL60 WITH HIGH BASE)

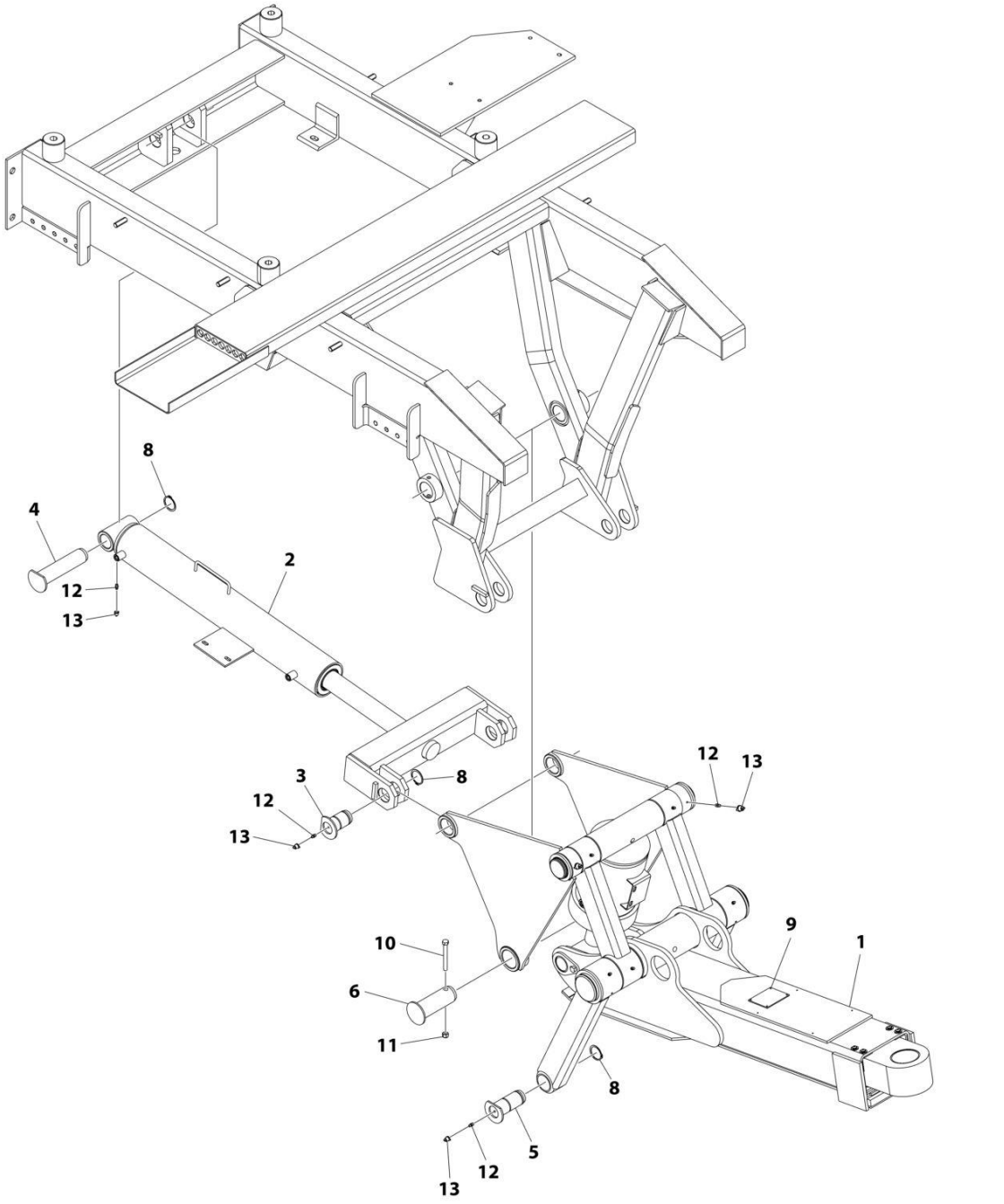


FIGURE 3-4. UNDERLIFT INSTALLATION - 5000LBS (HPL60 WITH HIGH BASE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3512100128	Ref	UNDERLIFT INSTALLATION	B
1	3512100084	1	Boom Assembly - Underlift (See Separate Breakdown in this Section)	
2	3320000228	1	Cylinder Assembly - Underlift Extend/Retract (See Separate Breakdown in this Section)	
3	3691000060	2	Pin	
4	3691000063	1	Pin	
5	3691000066	2	Pin	
6	3691000086	2	Pin	
8	7754000033	5	Ring, Retaining	
9	7759000004	4	Pop Rivet	
10	7115162650	2	Bolt 3/8 x 3-1/4	
11	7660162601	2	Nut 3/8	
12	7440030000	7	Fitting, Straight	
13	7253000002	7	Fitting, Cap	

FIGURE 3-5. UNDERLIFT BOOM ASSEMBLY - 3500LBS (HPL35)

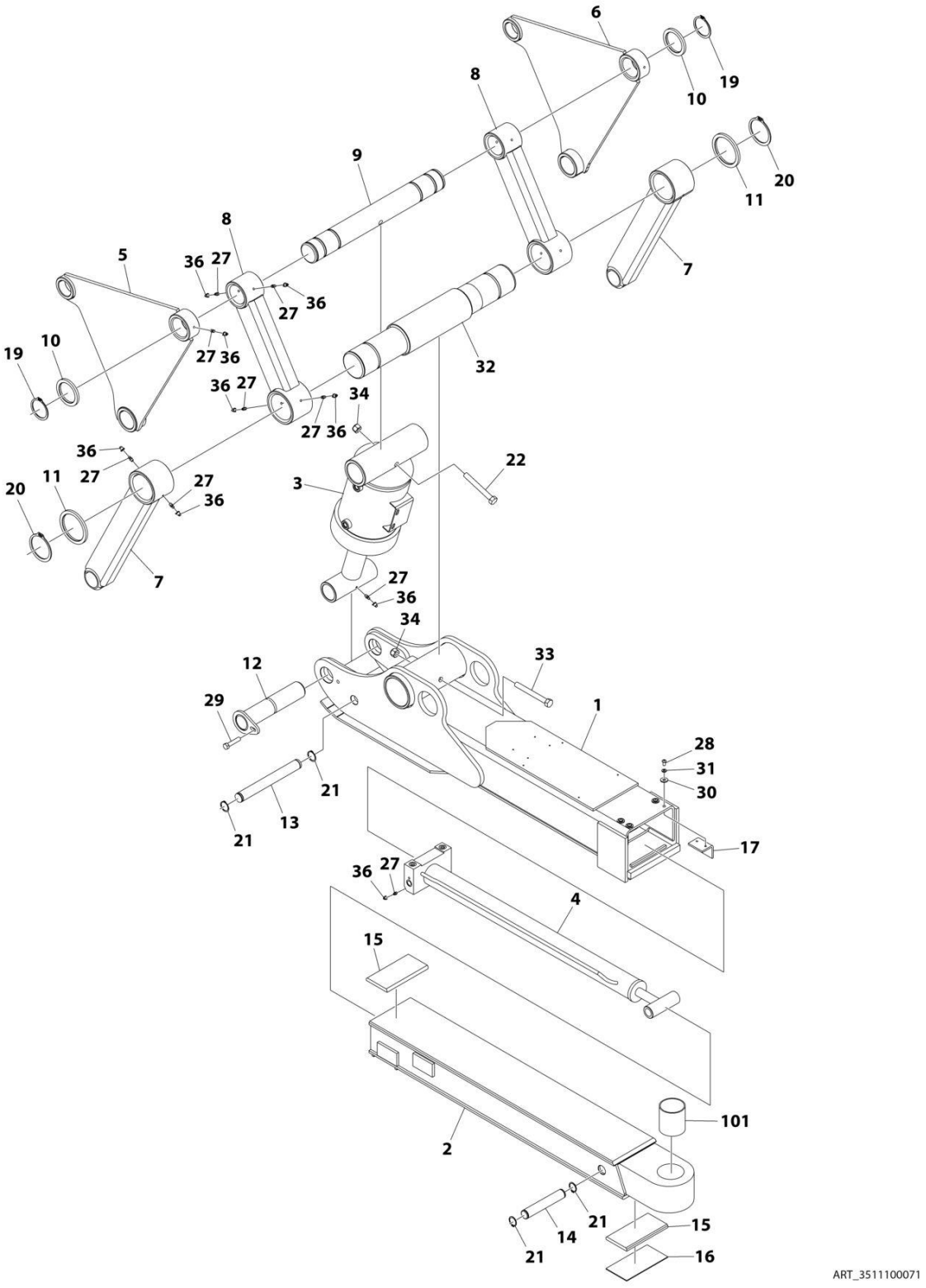


FIGURE 3-5. UNDERLIFT BOOM ASSEMBLY - 3500LBS (HPL35)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3511100071	Ref	BOOM ASSEMBLY - UNDERLIFT	M
1	3511100059	1	Base, Underlift	
2	3170000487	1	Fly, Underlift (Includes Item 101)	
3	3320000016	1	Cylinder Assembly - Underlift Tilt (See Separate Breakdown in this Section)	
4	7320000078	1	Cylinder Assembly - Underlift Boom Extend/Retract (See Separate Breakdown in this Section)	
5	3512100018	1	Arm, LH	
6	3512100017	1	Arm, RH	
7	3511100054	2	Tube	
8	3511100008	2	Tube	
9	4691000054	1	Pin	
10	4949000019	2	Washer 1/4	
11	4949000018	2	Washer 1/5	
12	3691000077	1	Pin	
13	4691000121	1	Pin	
14	4691000120	1	Pin	
15	4679000046	2	Pad	
16	4812000038	1	Shim	
17	4017000459	2	Angle	
19	7754000017	2	Ring, Retaining	
20	7754000018	2	Ring, Retaining	
21	7754000019	4	Ring, Retaining	
22	7115183250	1	Bolt 1/2 x 4	
27	7440030000	17	Fitting, Straight	
28	7114140418	4	Capscrew 1/4 x 1/2	
29	7118151424	1	Bolt 5/16 x 1-3/4	
30	7950140153	4	Washer 1/4	
31	7950140003	4	Washer 1/4	
32	4691000197	1	Pin	
33	7115183650	1	Bolt 1/2 x 4-1/2	
34	7660182601	2	Nut 1/2	
36	7253000002	17	Fitting	
101	7082000021	1	Bearing	

FIGURE 3-6. UNDERLIFT BOOM ASSEMBLY - 3500LBS (HPL35 WITH HPL60 FLY)

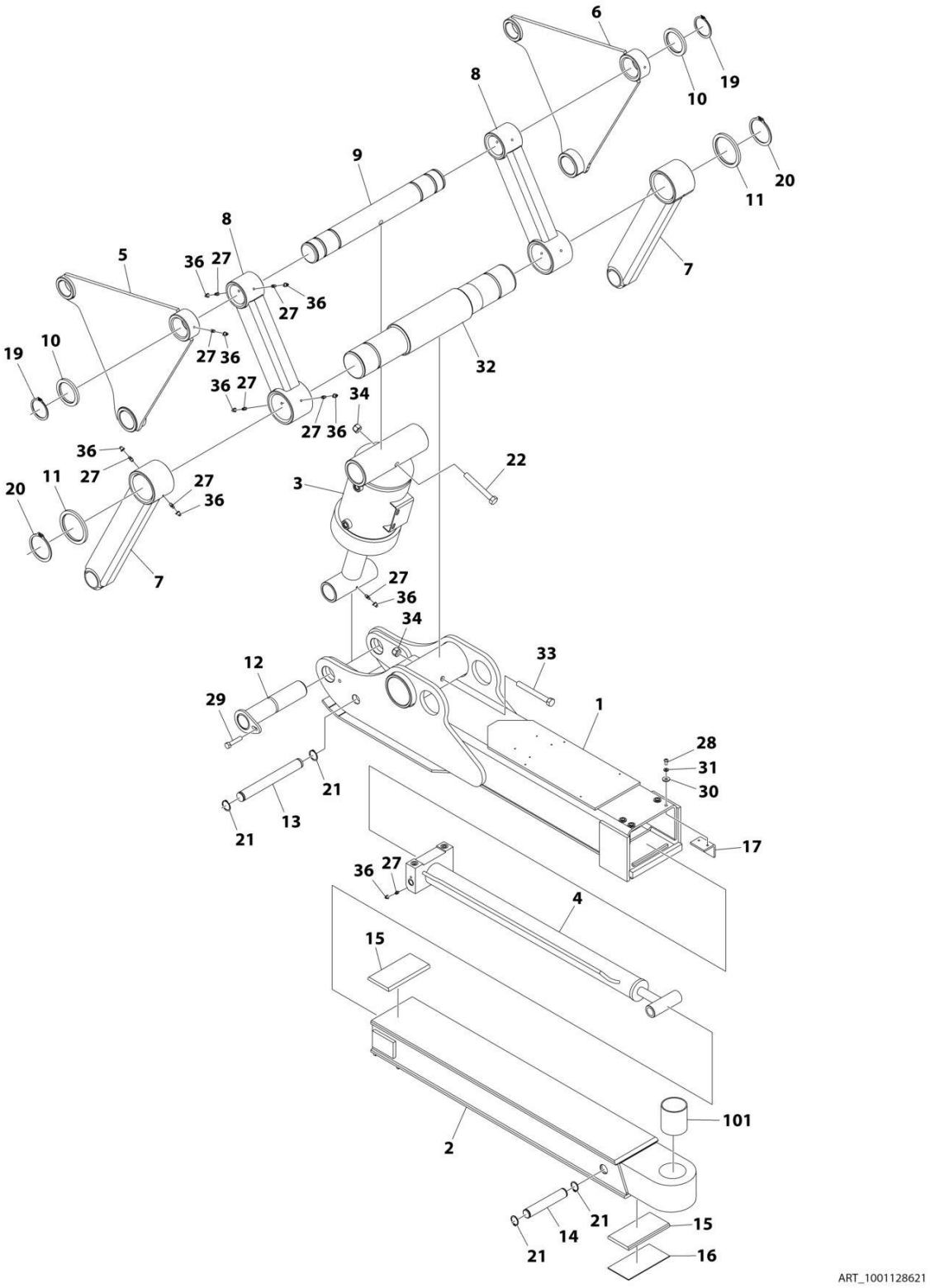


FIGURE 3-6. UNDERLIFT BOOM ASSEMBLY - 3500LBS (HPL35 WITH HPL60 FLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001128621	Ref	BOOM ASSEMBLY - UNDERLIFT	B
1	3511100059	1	Base, Underlift	
2	3170000488	1	Fly, Underlift	
3	3320000016	1	Cylinder Assembly - Underlift Tilt (See Separate Breakdown in this Section)	
4	7320000078	1	Cylinder Assembly - Underlift Boom Extend/Retract (See Separate Breakdown in this Section)	
5	3512100018	1	Arm, LH	
6	3512100017	1	Arm, RH	
7	3511100054	2	Tube	
8	3511100008	2	Tube	
9	4691000054	1	Pin	
10	4949000019	2	Washer 1/4	
11	4949000018	2	Washer 1/5	
12	3691000077	1	Pin	
13	4691000121	1	Pin	
14	4691000444	1	Pin	
15	4679000046	2	Pad	
16	4812000038	1	Shim	
17	4017000459	2	Angle	
19	7754000017	2	Ring, Retaining	
20	7754000018	2	Ring, Retaining	
21	7754000019	4	Ring, Retaining	
22	7115183250	1	Bolt 1/2 x 4	
27	7440030000	17	Fitting, Straight	
28	7114140418	4	Capscrew 1/4 x 1/2	
29	7118151424	1	Bolt 5/16 x 1-3/4	
30	7950140153	4	Washer 1/4	
31	7950140003	4	Washer 1/4	
32	4691000197	1	Pin	
33	7115183650	1	Bolt 1/2 x 4-1/2	
34	7660182601	2	Nut 1/2	
36	7253000002	17	Fitting	
101	7082000021	1	Bearing	

FIGURE 3-7. UNDERLIFT BOOM ASSEMBLY- 5000LBS (HPL60 WITH LOW BASE)

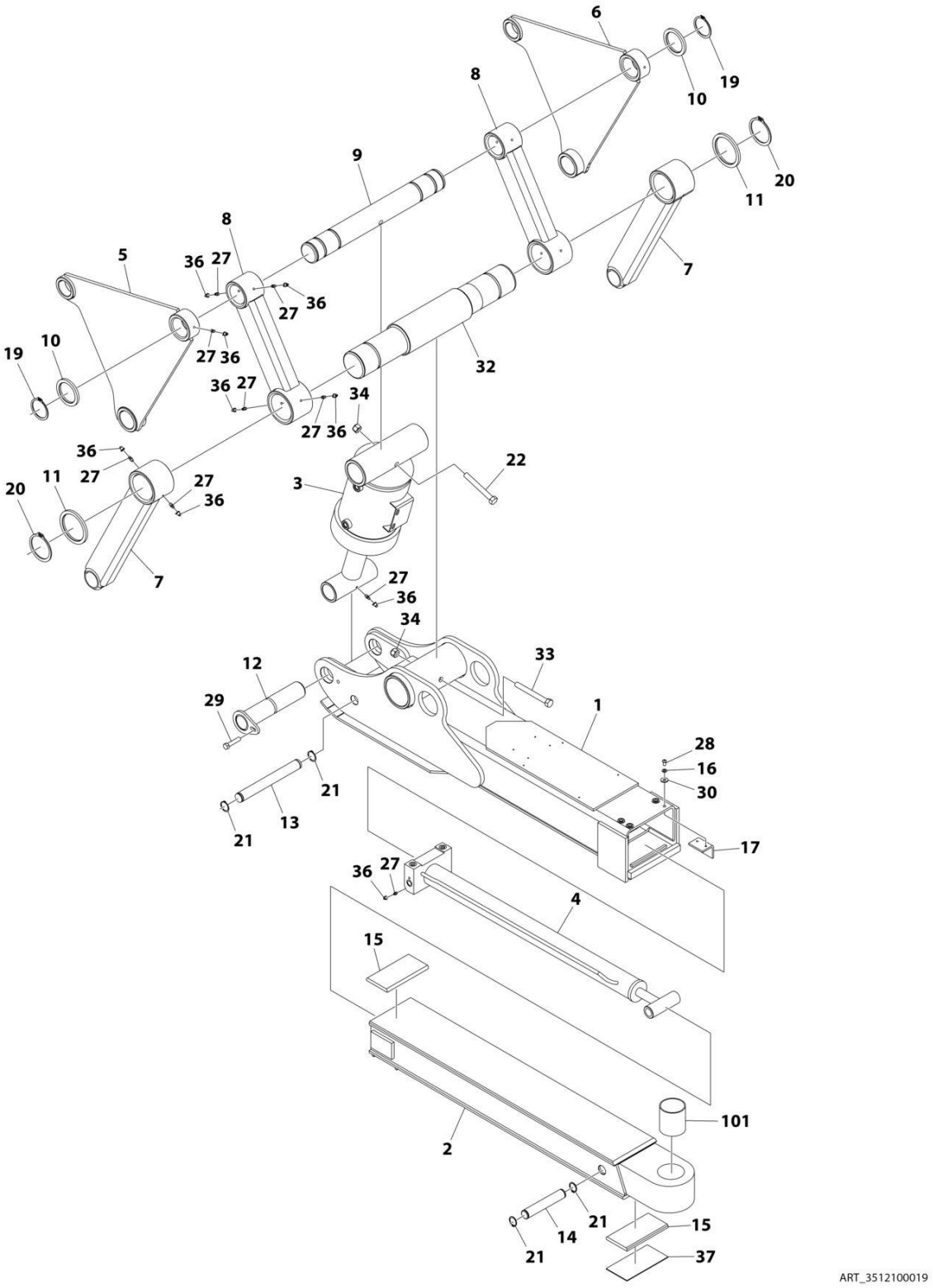


FIGURE 3-7. UNDERLIFT BOOM ASSEMBLY- 5000LBS (HPL60 WITH LOW BASE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3512100019	Ref	BOOM ASSEMBLY - UNDERLIFT	O
1	3511100059	1	Base, Underlift	
2	3170000488	1	Fly, Underlift (Includes Item 101)	
3	3320000038	1	Cylinder Assembly - Underlift Tilt (See Separate Breakdown in this Section)	
4	7320000078	1	Cylinder Assembly - Underlift Boom Extend/Retract (See Separate Breakdown in this Section)	
5	3512100018	1	Arm, LH	
6	3512100017	1	Arm, RH	
7	3511100054	2	Tube	
8	3511100008	2	Tube	
9	4691000054	1	Pin	
10	4949000019	2	Washer 1/4	
11	4949000018	2	Washer 1/5	
12	3691000077	1	Pin	
13	4691000121	1	Pin	
14	4691000444	1	Pin	
15	4679000046	2	Pad	
16	7950140003	4	Washer 1/4	
17	4017000459	2	Angle	
19	7754000017	2	Ring, Retaining	
20	7754000018	2	Ring, Retaining	
21	7754000019	4	Ring, Retaining	
22	7115183250	1	Bolt 1/2 x 4	
27	7440030000	17	Fitting, Straight	
28	7114140418	4	Capscrew 1/4 x 1/2	
29	7118151424	1	Bolt 5/16 x 1-3/4	
30	7950140153	4	Washer 1/4	
32	4691000197	1	Pin	
33	7115183650	1	Bolt 1/2 x 4-1/2	
34	7660182601	2	Nut 1/2	
36	7253000002	17	Fitting	
37	4812000038	1	Shim	
101	7082000021	1	Bearing	

FIGURE 3-8. UNDERLIFT BOOM ASSEMBLY- 5000LBS (HPL60 WITH HIGH BASE)

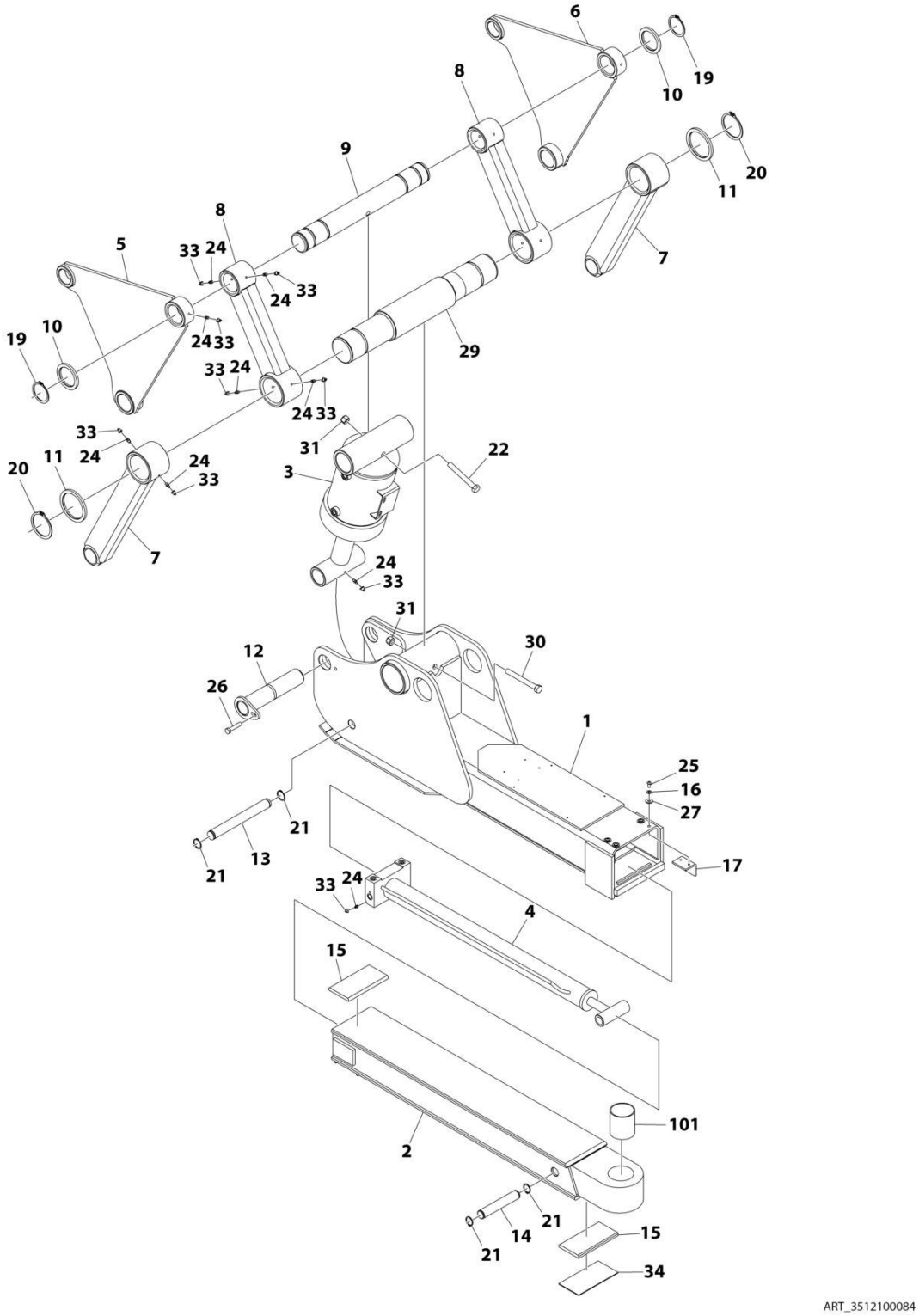


FIGURE 3-8. UNDERLIFT BOOM ASSEMBLY- 5000LBS (HPL60 WITH HIGH BASE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3512100084	Ref	BOOM ASSEMBLY - UNDERLIFT	L
1	3512100083	1	Base, Underlift	
2	3170000488	1	Fly, Underlift (Includes Item 101)	
3	3320000038	1	Cylinder Assembly - Underlift Tilt (See Separate Breakdown in this Section)	
4	7320000078	1	Cylinder Assembly - Underlift Boom Extend/Retract (See Separate Breakdown in this Section)	
5	3512100018	1	Arm, LH	
6	3512100017	1	Arm, RH	
7	3511100054	2	Tube	
8	3511100008	2	Tube	
9	4691000054	1	Pin	
10	4949000019	2	Washer 1/4	
11	4949000018	2	Washer 1/5	
12	3691000077	1	Pin	
13	4691000121	1	Pin	
14	4691000444	1	Pin	
15	4679000046	2	Pad	
16	7950140003	4	Washer 1/4	
17	4017000459	2	Angle	
19	7754000017	2	Ring, Retaining	
20	7754000018	2	Ring, Retaining	
21	7754000019	4	Ring, Retaining	
22	7115183250	1	Bolt 1/2 x 4	
24	7440030000	17	Fitting, Straight	
25	7114140418	4	Capscrew 1/4 x 1/2	
26	7118151424	1	Bolt 5/16 x 1-3/4	
27	7950140153	4	Washer 1/4	
29	4691000197	1	Pin	
30	7115183650	1	Bolt 1/2 x 4-1/2	
31	7660182601	2	Nut 1/2	
33	7253000002	17	Fitting	
34	4812000038	1	Shim	
101	7082000021	1	Bearing	

FIGURE 3-9. CYLINDER ASSEMBLY - UNDERLIFT EXTEND/RETRACT

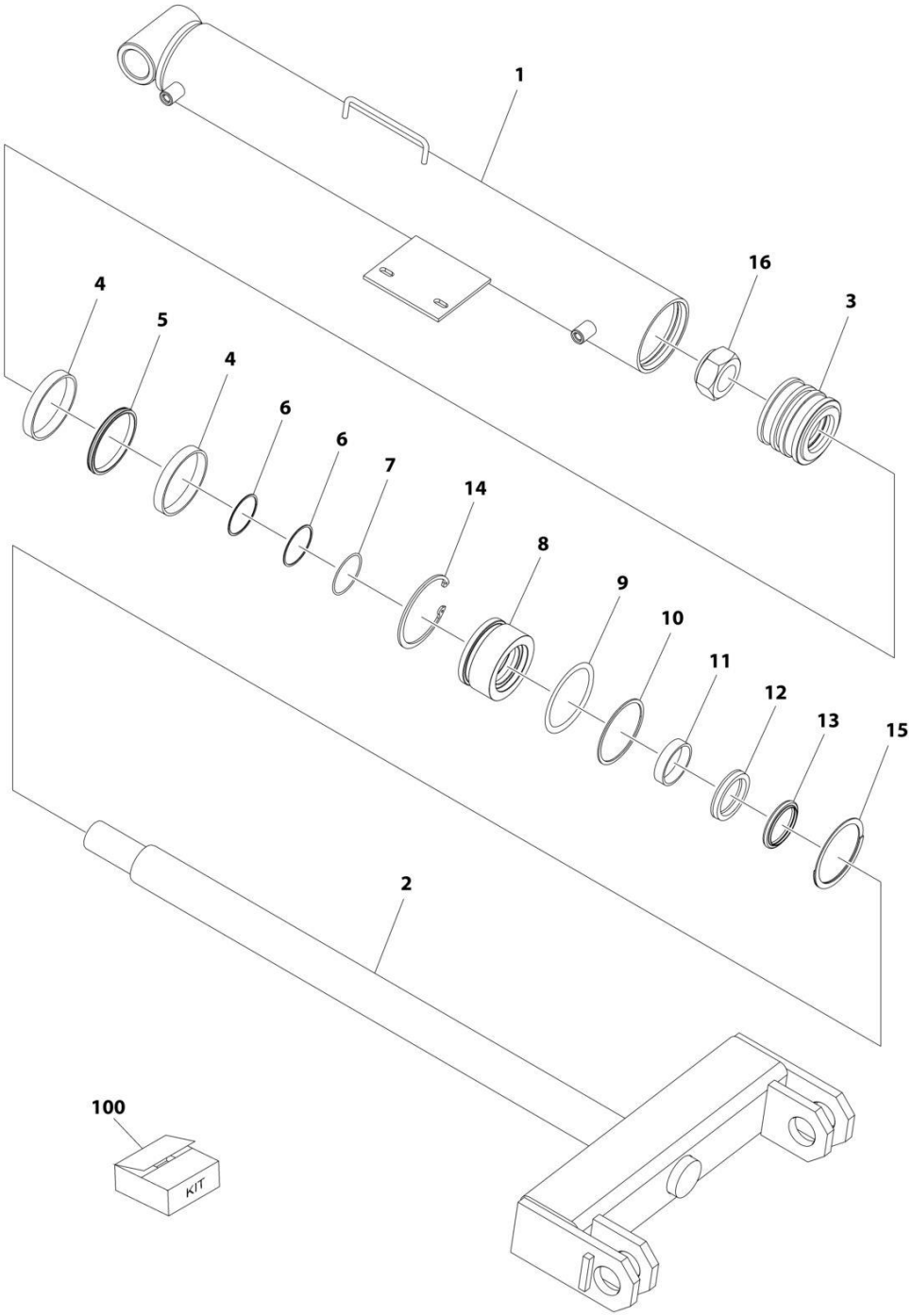
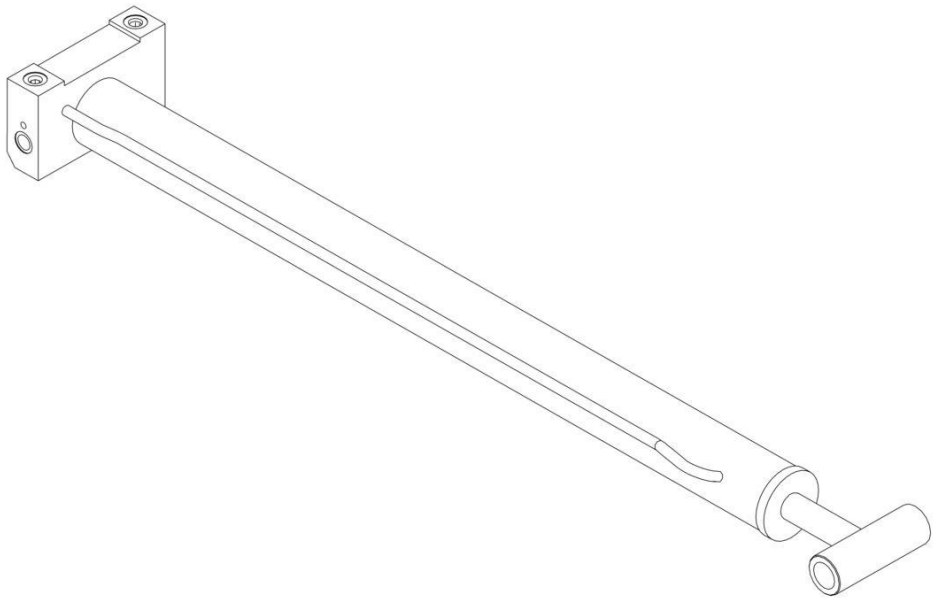


FIGURE 3-9. CYLINDER ASSEMBLY - UNDERLIFT EXTEND/RETRACT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3320000228	Ref	CYLINDER ASSEMBLY - UNDERLIFT EXTEND/RETRACT	1
1	3071000212	1	Barrel	
2	3763000186	1	Rod	
3	4698000009	1	Piston	
4	7796000013	2	Wear Ring (Note: Use Item 100)	
5	7796000064	1	Piston Seal (Note: Use Item 100)	
6	7755226609	2	Backup Ring (Note: Use Item 100)	
7	7755226000	1	O-Ring (Note: Use Item 100)	
8	4553000010	1	Head	
9	7755338000	1	O-Ring (Note: Use Item 100)	
10	7755338609	1	Backup Ring (Note: Use Item 100)	
11	7754000012	1	Wear Ring (Note: Use Item 100)	
12	7796000025	1	Rod Seal (Note: Use Item 100)	
13	7796000011	1	Wiper Seal (Note: Use Item 100)	
14	7754000016	1	Retaining Ring (Note: Use Item 100)	
15	7754000027	1	Retaining Ring (Note: Use Item 100)	
16	7661000035	1	Nut 1-1/2	
100	See Note	Ref	Seal Kit (Note: Purchase Individual Components)	

FIGURE 3-10. CYLINDER ASSEMBLY - UNDERLIFT BOOM EXTEND/RETRACT



ART_7320000078

FIGURE 3-10. CYLINDER ASSEMBLY - UNDERLIFT BOOM EXTEND/RETRACT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7320000078	Ref	CYLINDER ASSEMBLY - UNDERLIFT BOOM EXTEND/RETRACT	2
		Ref	Note: No Other Service Parts Available.	
	9577820242	1	Seal Kit - 7320000078 Cylinder	

FIGURE 3-11. CYLINDER ASSEMBLY - UNDERLIFT TILT (HPL35)

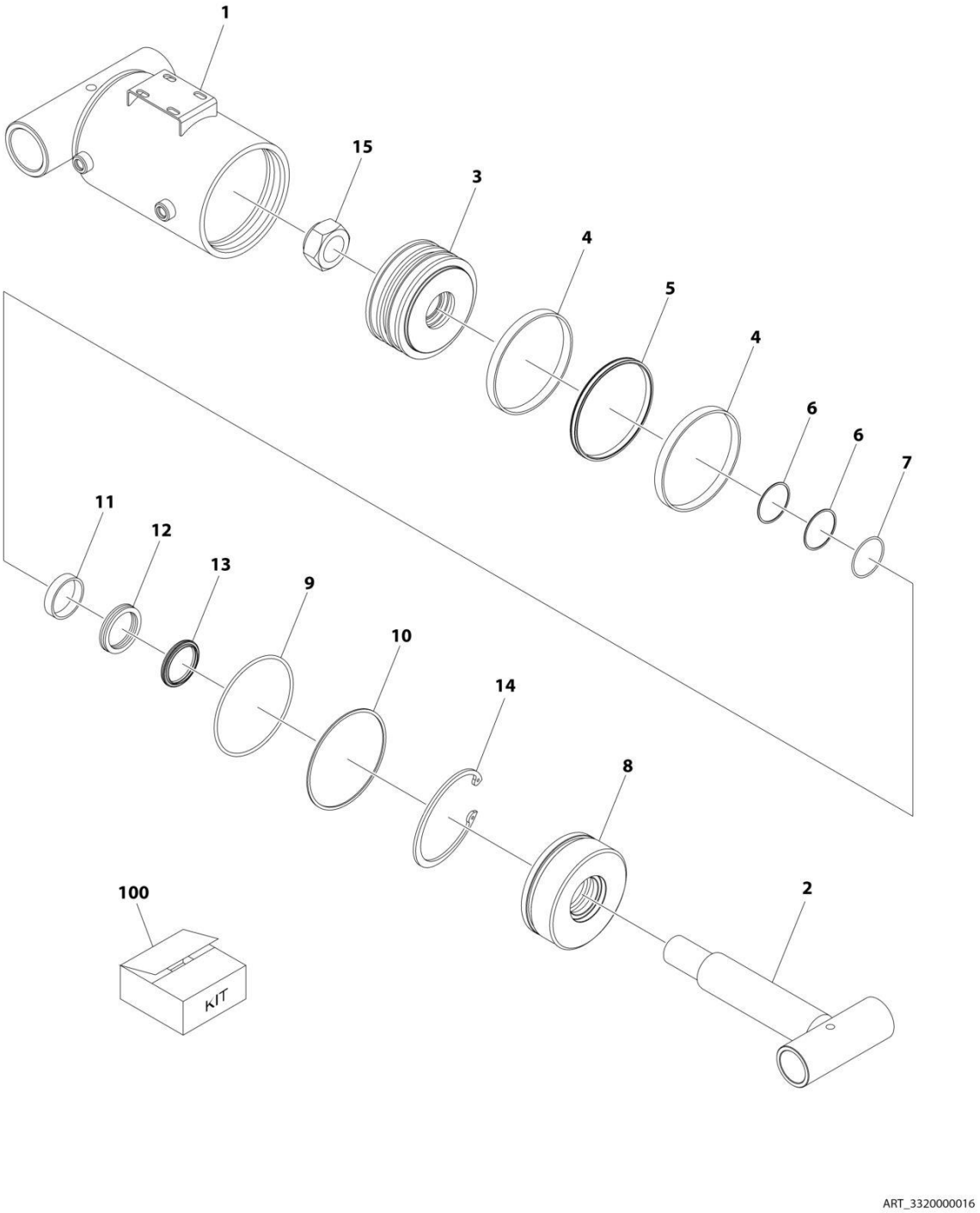


FIGURE 3-11. CYLINDER ASSEMBLY - UNDERLIFT TILT (HPL35)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3320000016	Ref	CYLINDER ASSEMBLY - UNDERLIFT TILT	I
1	3071000017	1	Barrel	
2	3763000043	1	Rod	
3	4698000008	1	Piston	
4	7754000011	2	Wear Ring (Note: Use Item 100)	
5	7796000065	1	Piston Seal (Note: Use Item 100)	
6	7755226609	2	Backup Ring (Note: Use Item 100)	
7	7755226000	1	O-Ring (Note: Use Item 100)	
8	4553000009	1	Head	
9	7755342000	1	O-Ring (Note: Use Item 100)	
10	7755338609	1	Backup Ring (Note: Use Item 100)	
11	7754000012	1	Wear Ring (Note: Use Item 100)	
12	7796000025	1	Rod Seal (Note: Use Item 100)	
13	7796000011	1	Wiper Seal (Note: Use Item 100)	
14	7754000028	1	Retaining Ring (Note: Use Item 100)	
15	7661000035	1	Nut 1-1/2	
100	See Note	Ref	Seal Kit (Note: Purchase Individual Components)	

FIGURE 3-12. CYLINDER ASSEMBLY - UNDERLIFT TILT (HPL60)

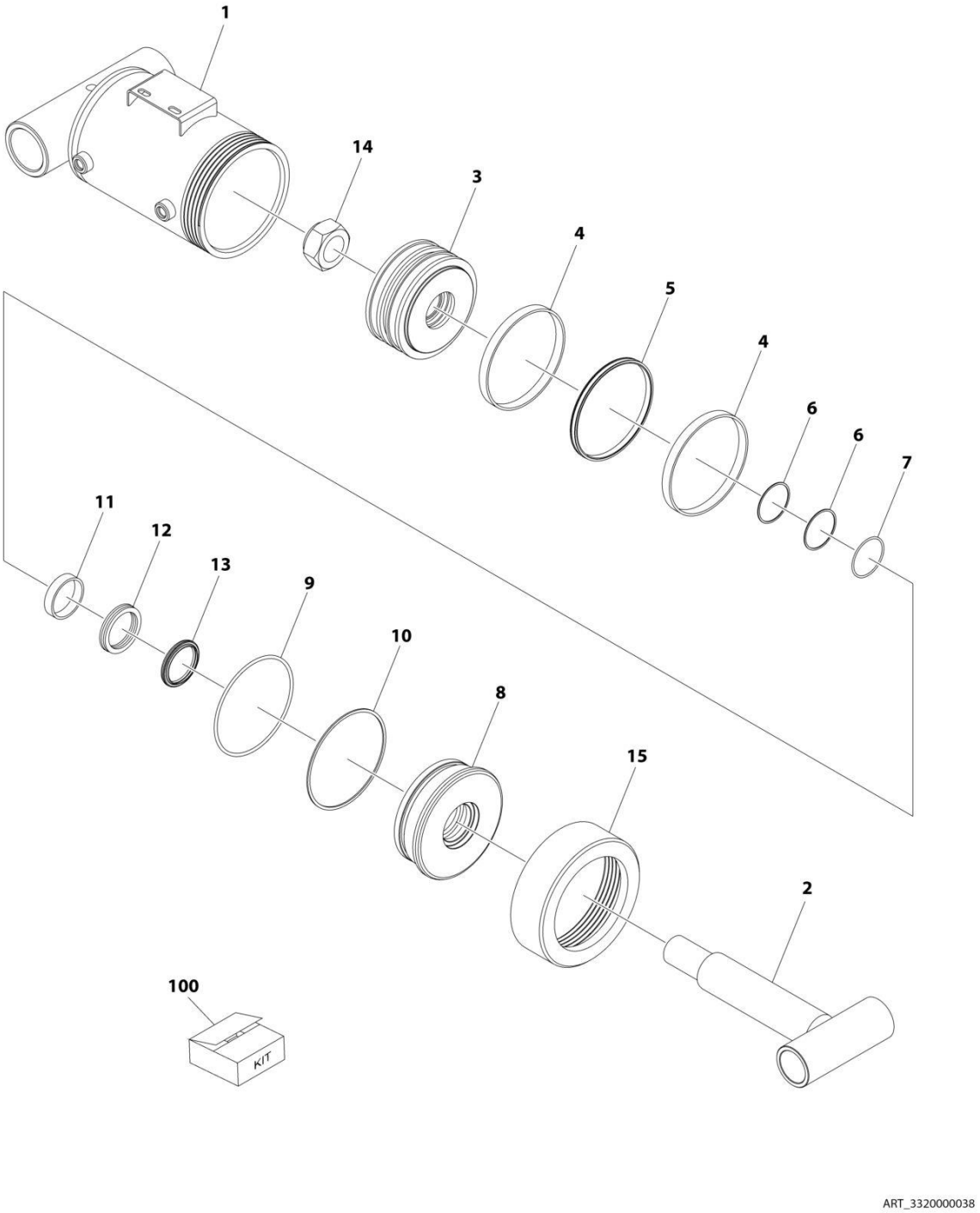


FIGURE 3-12. CYLINDER ASSEMBLY - UNDERLIFT TILT (HPL60)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3320000038	Ref	CYLINDER ASSEMBLY - UNDERLIFT TILT	D
1	3071000039	1	Barrel	
2	3763000051	1	Rod	
3	4698000014	1	Piston	
4	7754000031	2	Wear Ring (Note: Use Item 100)	
5	7796000066	1	Piston Seal (Note: Use Item 100)	
6	7755226609	2	Backup Ring (Note: Use Item 100)	
7	7755226000	1	O-Ring (Note: Use Item 100)	
8	4553000014	1	Head	
9	7755354000	1	O-Ring (Note: Use Item 100)	
10	7755338609	1	Backup Ring (Note: Use Item 100)	
11	7754000012	1	Wear Ring (Note: Use Item 100)	
12	7796000025	1	Rod Seal (Note: Use Item 100)	
13	7796000011	1	Wiper Seal (Note: Use Item 100)	
14	7661000035	1	Nut 1-1/2	
15	4254000001	1	Cap	
100		Ref	Seal Kit (Purchase Individual Components)	

FIGURE 3-13. GRID INSTALLATION - MANUAL 3500LBS

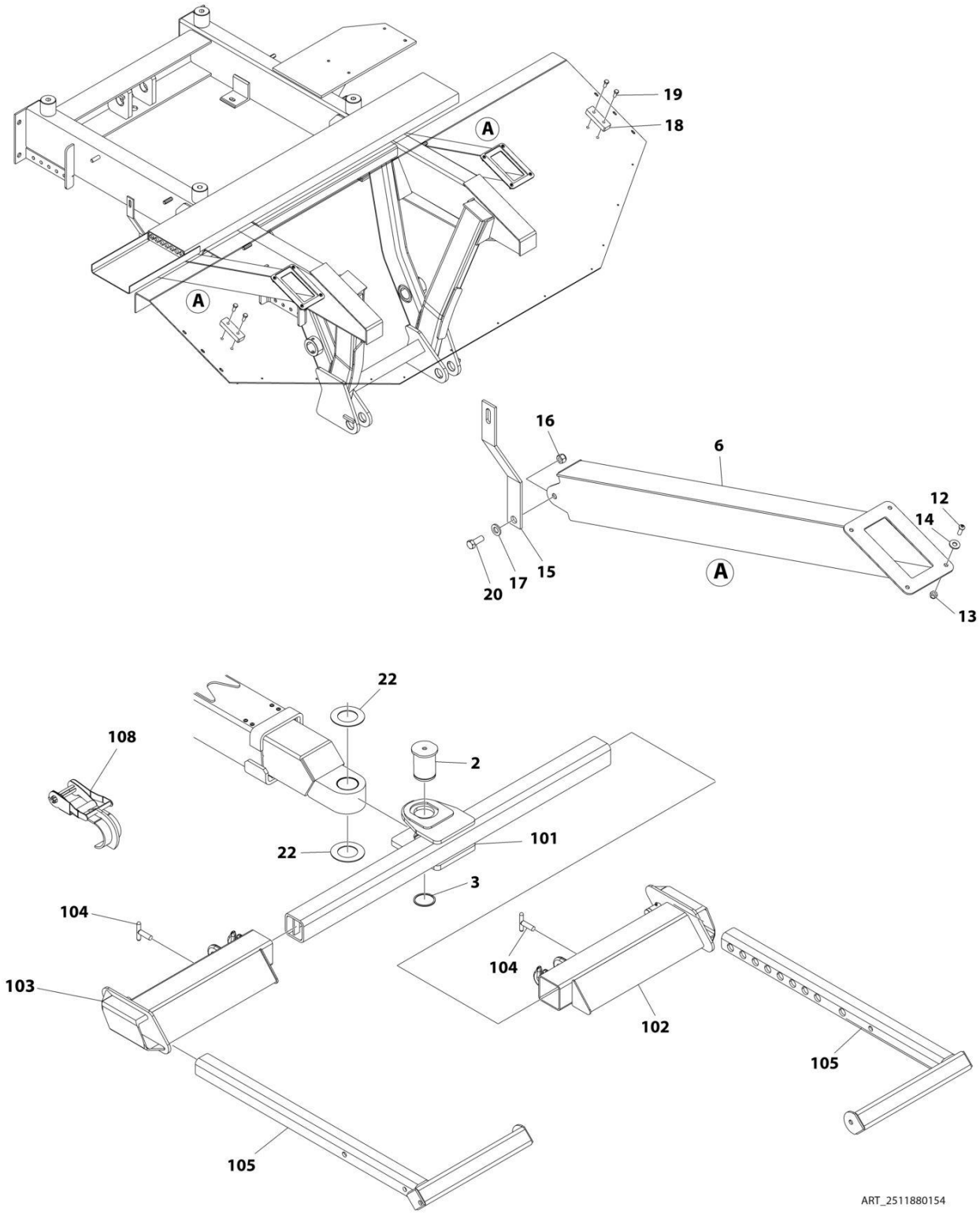


FIGURE 3-13. GRID INSTALLATION - MANUAL 3500LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511880154	Ref	WHEEL GRID INSTALLATION WITH IN-DECK STORAGE	F
1	3511880087	1	Wheel Grid Assembly (Not Shown - Include Items 101-108)	
2	4691000427	1	Pin	
3	7754000024	1	Retaining Ring	
6	3502880041	2	Storage Tube	
12	7114140818	8	Capscrew 1/4 x 1	
13	7413000002	8	Nut 1/4	
14	7950140161	8	Washer 1/4	
15	4706002098	2	Plate	
16	7660161600	2	Nut 3/8	
17	7950160251	2	Washer 3/8	
18	7679000010	2	Pad	
19	7790101276	4	Bolt #10 x 3/4	
20	7115160850	2	Bolt 3/8 x 1	
22	4949000047	2	Washer, 5 OD	
	3511880087	Ref	WHEEL GRID ASSEMBLY	E
101	3512880076	1	Pivot Tube	
102	3484000090	1	Grid - RH	
103	3484000091	1	Grid - LH	
104	3551000036	2	T-Handle	
105	3020000132	2	Arm	
108	7894000034	2	Wheel Lift Tire Strap	

FIGURE 3-14. GRID INSTALLATION - MANUAL 5000LBS

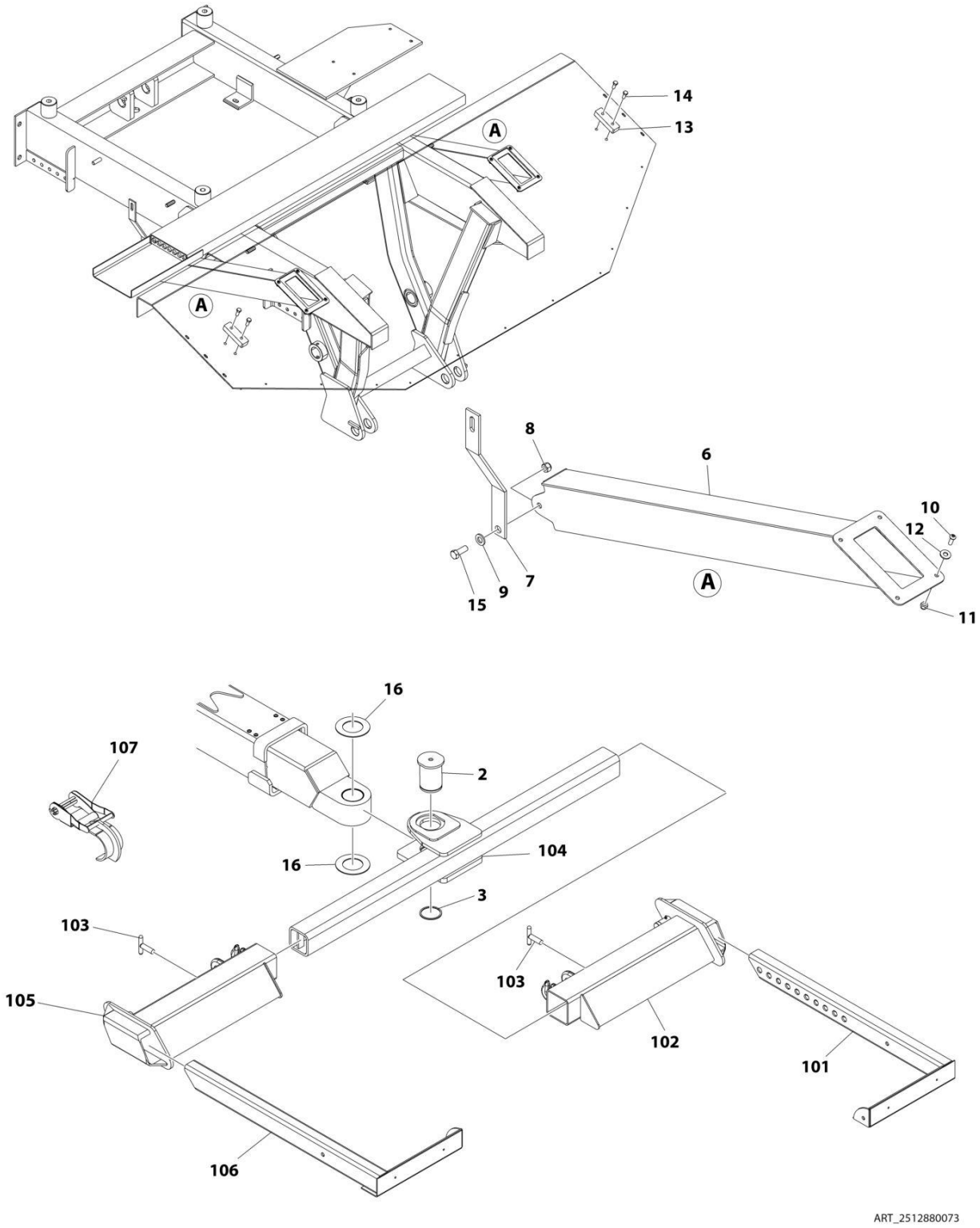


FIGURE 3-14. GRID INSTALLATION - MANUAL 5000LBS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512880073	Ref	WHEEL GRID INSTALLATION - COUGAR BIAS	C
1	3512880106	1	Wheel Grid Assembly (Not Shown - Include Items 101-107)	
2	4691000427	1	Pin	
3	7754000024	1	Retaining Ring	
6	3502880040	2	Storage Tube	
7	4706002098	2	Plate	
8	7660161600	2	Nut 3/8	
9	7950160251	2	Washer 3/8	
10	7114140818	8	Capscrew 1/4 x 1	
11	7660142600	8	Nut 1/4	
12	7950140161	8	Washer 1/4	
13	7679000010	2	Pad	
14	7790101276	4	Bolt #10 x 3/4	
15	7115160850	2	Bolt 3/8 x 1	
16	4949000047	2	Washer, 5 OD	
	3512880106	Ref	WHEEL GRID ASSEMBLY	0
101	3020000038	1	Arm - RH	
102	3484000030	1	Grid - RH	
103	3551000036	2	T-Handle	
104	3512880076	1	Pivot Tube	
105	3484000031	1	Grid - LH	
106	3020000037	1	Arm - LH	
107	7894000034	2	Wheel Lift Tire Strap	

FIGURE 3-15. GRID INSTALLATION - PIVOTING T-37

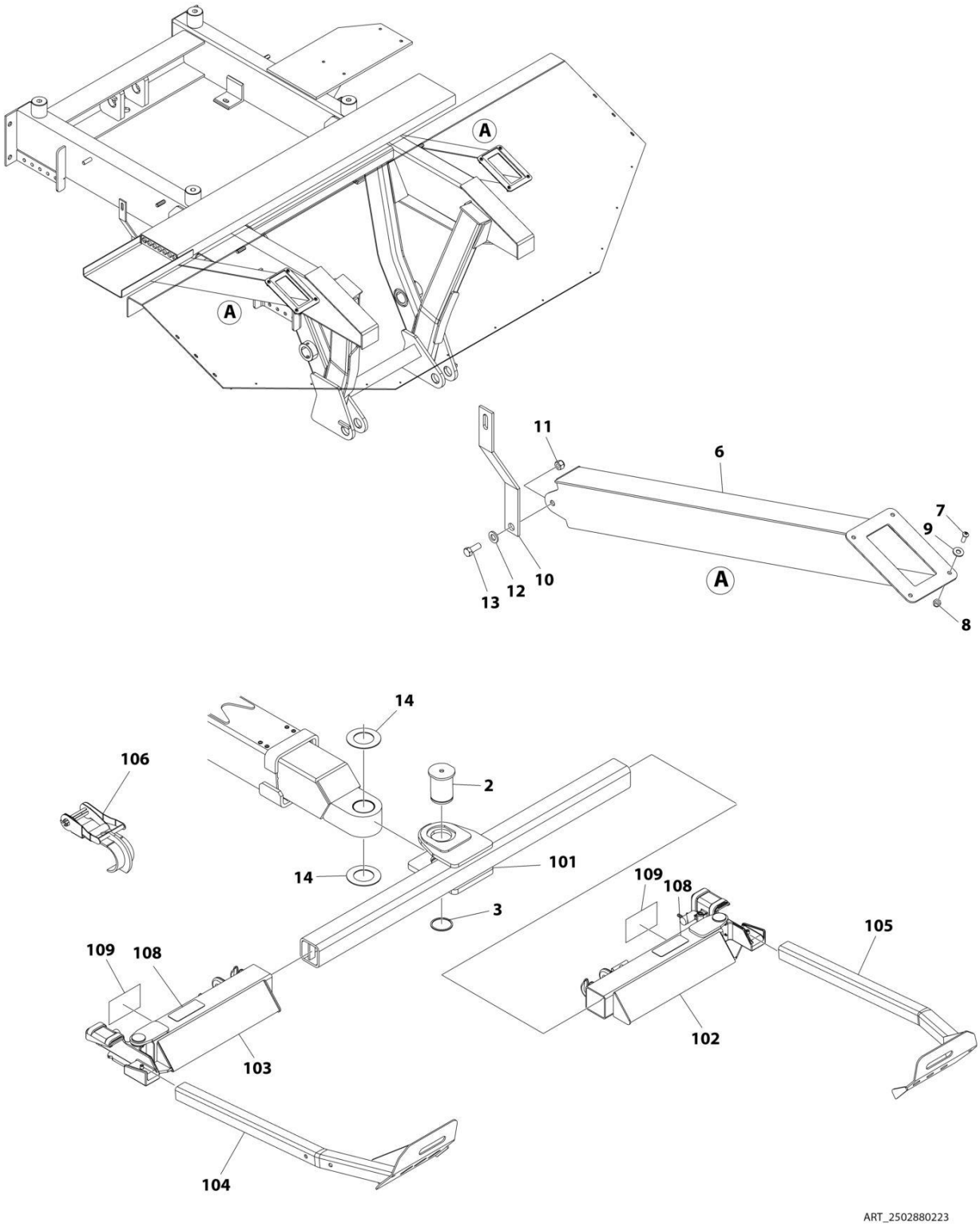


FIGURE 3-15. GRID INSTALLATION - PIVOTING T-37

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502880223	Ref	WHEEL GRID INSTALLATION	B
1	3484000042	1	Wheel Grid Assembly (Not Shown - Include Items 101-109)	
2	4691000427	1	Pin	
3	7754000024	1	Retaining Ring	
6	3502880041	2	Storage Tube	
7	7114140818	8	Capscrew 1/4 x 1	
8	7660142600	8	Nut 1/4	
9	7950140161	8	Washer 1/4	
10	4706002098	2	Plate	
11	7660161600	2	Nut 3/8	
12	7950160251	2	Washer 3/8	
13	7115160850	2	Bolt 3/8 x 1	
14	4949000047	2	Washer, 5 OD	
	3484000042	Ref	WHEEL GRID ASSEMBLY	C
101	3512880076	1	Pivot Tube	
102	3484000046	1	Grid Assembly - RH	
103	3484000047	1	Grid Assembly - LH	
104	3020000029	1	L-Arm Weld - LH	
105	3020000030	1	L-Arm Weld - RH	
106	7894000034	2	Wheel Lift Tire Strap	
108	7330000683	1	Decal - Safety	
109	7330000384	2	Decal - Grid Service (T-37 Manual Grid)	

FIGURE 3-16. CROSSBAR CAM-LOCK INSTALLATION - WHEEL LIFT

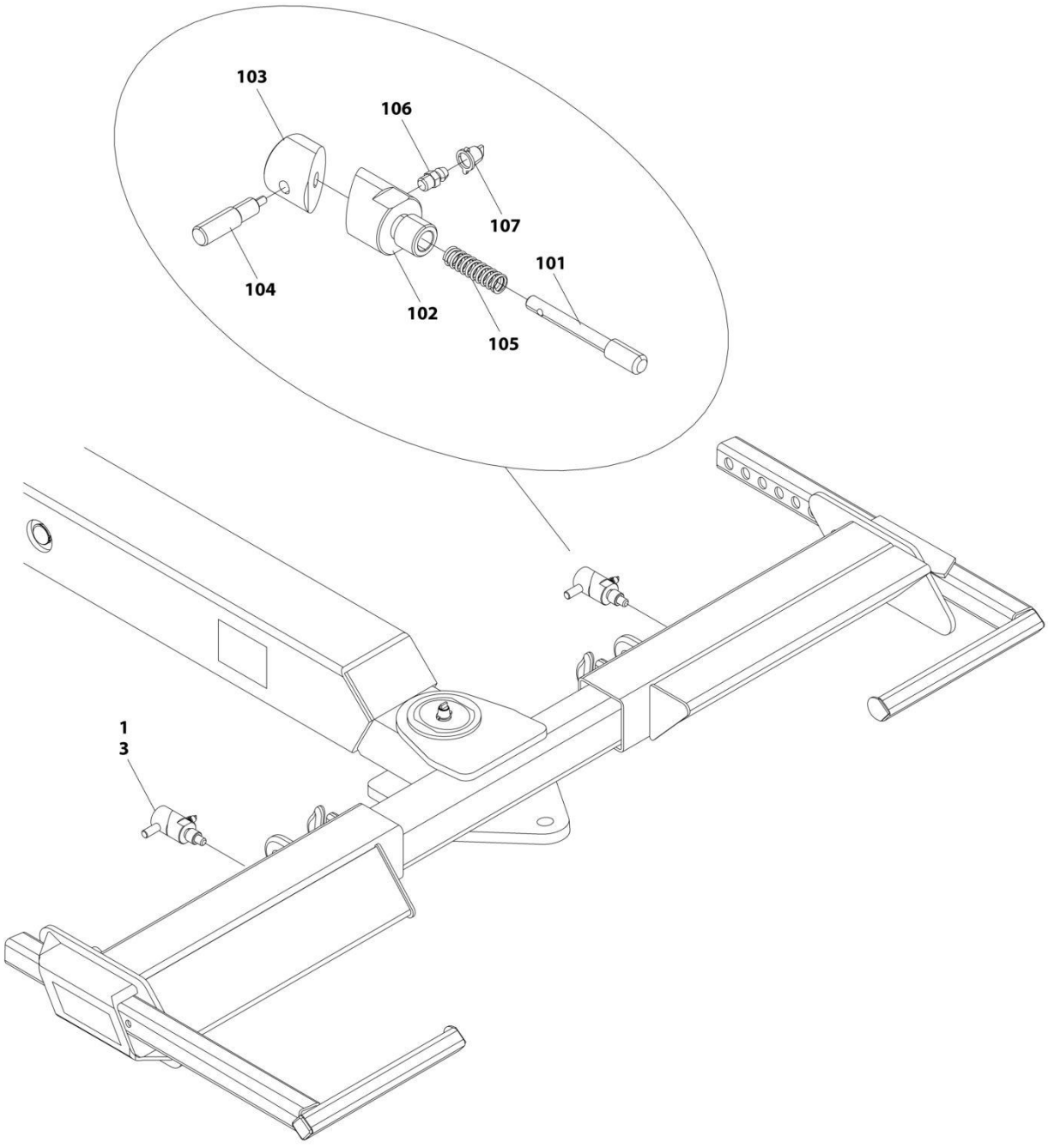


FIGURE 3-16. CROSSBAR CAM-LOCK INSTALLATION - WHEEL LIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160195	Ref	Wheel Lift Crossbar Cam-Lock	A
1	1001153950	2	Cam Lock (includes items 101 through 107)	
3	0100011	AR	Compound Locking	
101	1001153944	2	Pin	
102	1001153945	2	Cam-Lock Tube	
103	1001153946	2	Cam-Lock Cap	
104	1001153947	2	Handle	
105	1001153971	1	Spring	
106	7440030000	2	Fitting, Grease	
107	7253000002	2	Cap, Grease	

SECTION 4 - BODY

SECTION 4 - BODY

FIGURE 4-1. BODY INSTALLATION - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA)

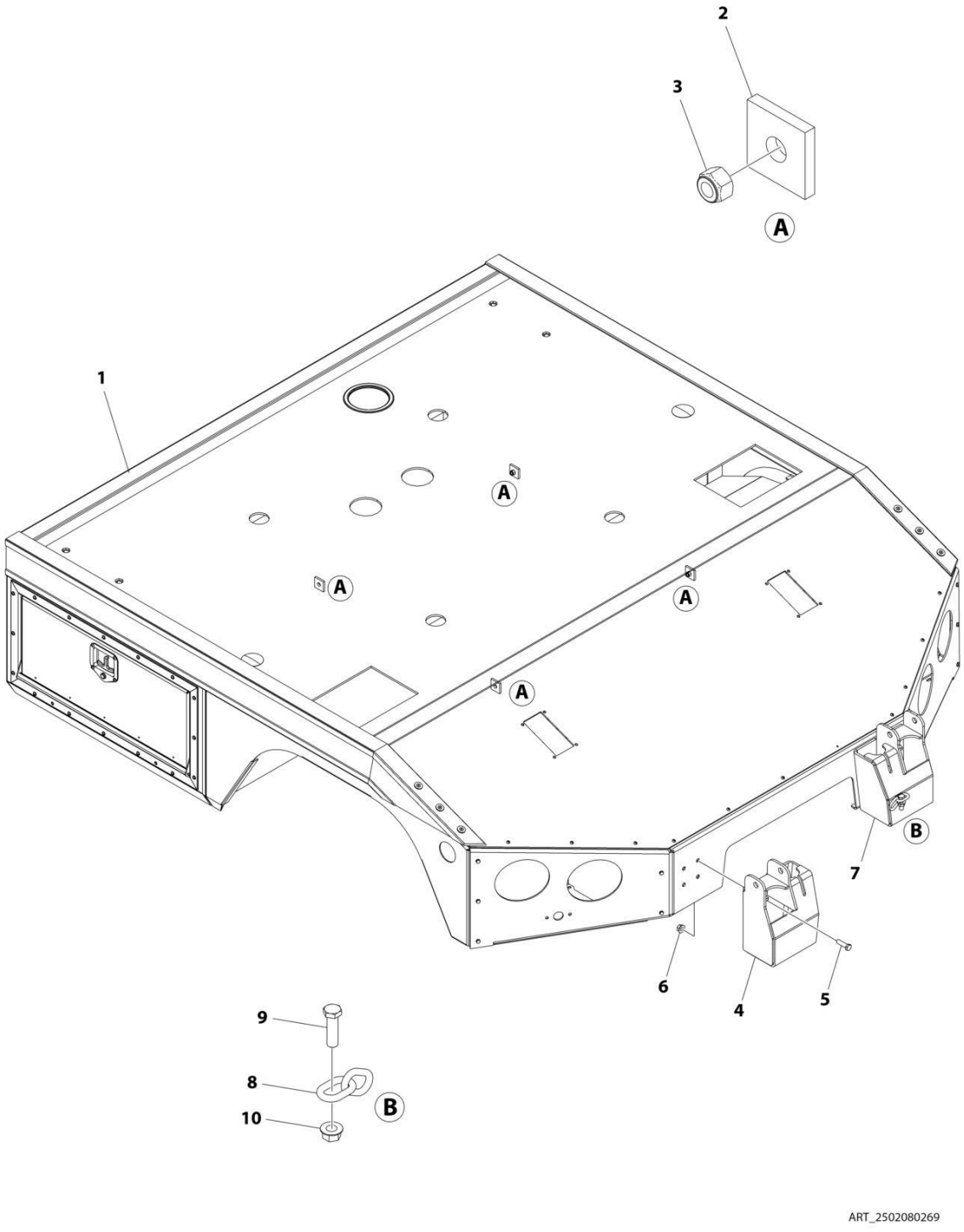


FIGURE 4-1. BODY INSTALLATION - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080269	Ref	BODY INSTALLATION	C
1	3502080178	1	Body Assembly (See Separate Breakdown in this Section)	
2	4706000717	4	Plate	
3	7660182601	4	Nut 1/2	
4	3708000002	1	Chain Box LH	
5	0641814	8	Bolt 1/2 x 1-3/4	
6	7660182301	8	Nut 1/2	
7	3708000003	1	Chain Box RH	
8	7262000040	2	Chain	
9	0641710	2	Bolt 7/16 x 1-1/4	
10	7660172600	2	Nut 7/16	

FIGURE 4-2. BODY INSTALLATION - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA) (AAA SPECS)

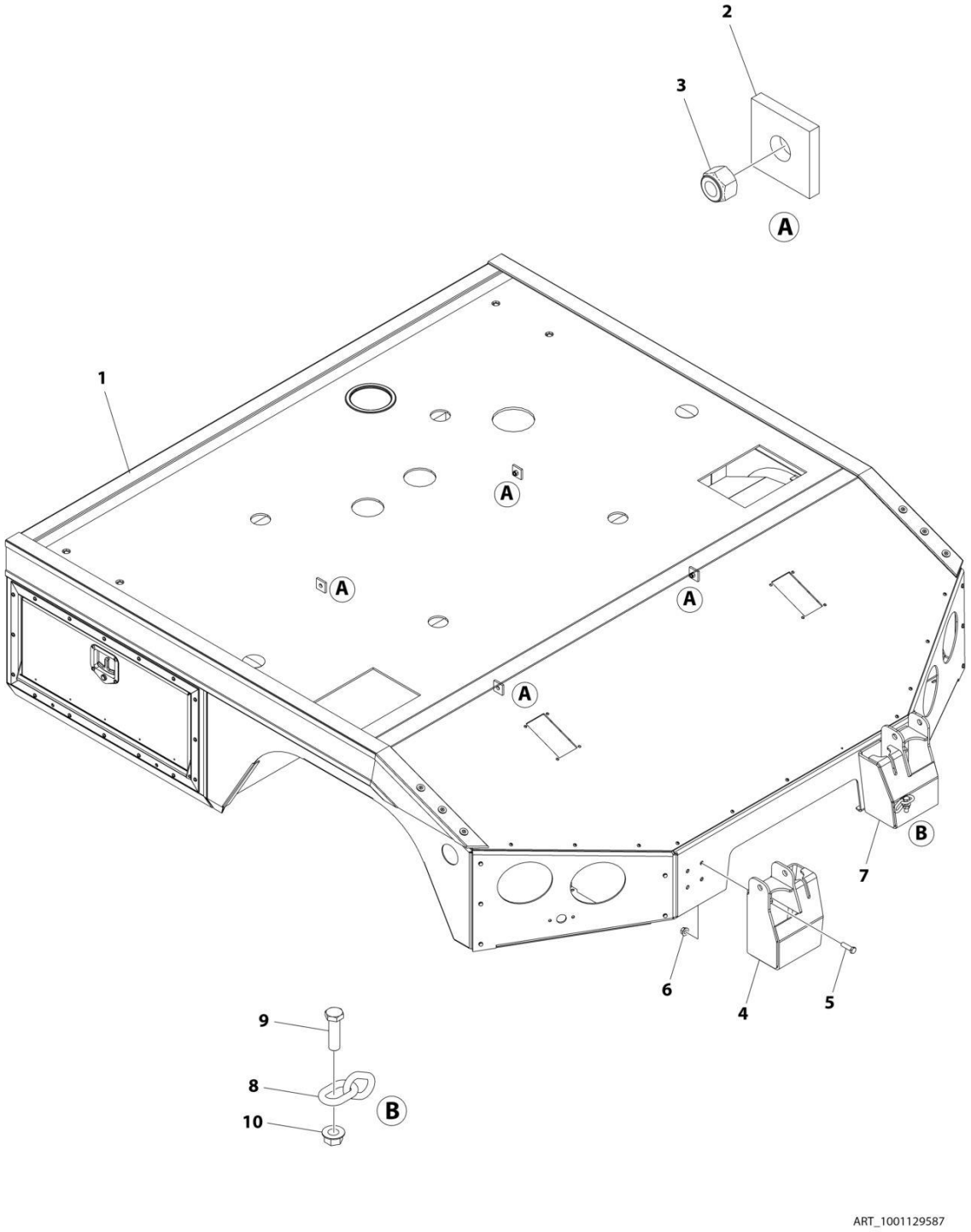


FIGURE 4-2. BODY INSTALLATION - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA) (AAA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129587	Ref	BODY INSTALLATION	C
1	1001129586	1	Body Assembly (See Separate Breakdown in this Section)	
2	4706000717	4	Plate	
3	7660182601	4	Nut 1/2	
4	3708000002	1	Chain Box LH	
5	7115181450	8	Bolt 1/2 x 1-3/4	
6	7660182301	8	Nut 1/2	
7	3708000003	1	Chain Box RH	
8	7262000020	2	Chain	
9	7115171050	2	Bolt 7/16 x 1-1/4	
10	7660172600	2	Nut 7/16	

FIGURE 4-3. BODY INSTALLATION - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA) (ALBERTA SPECS)

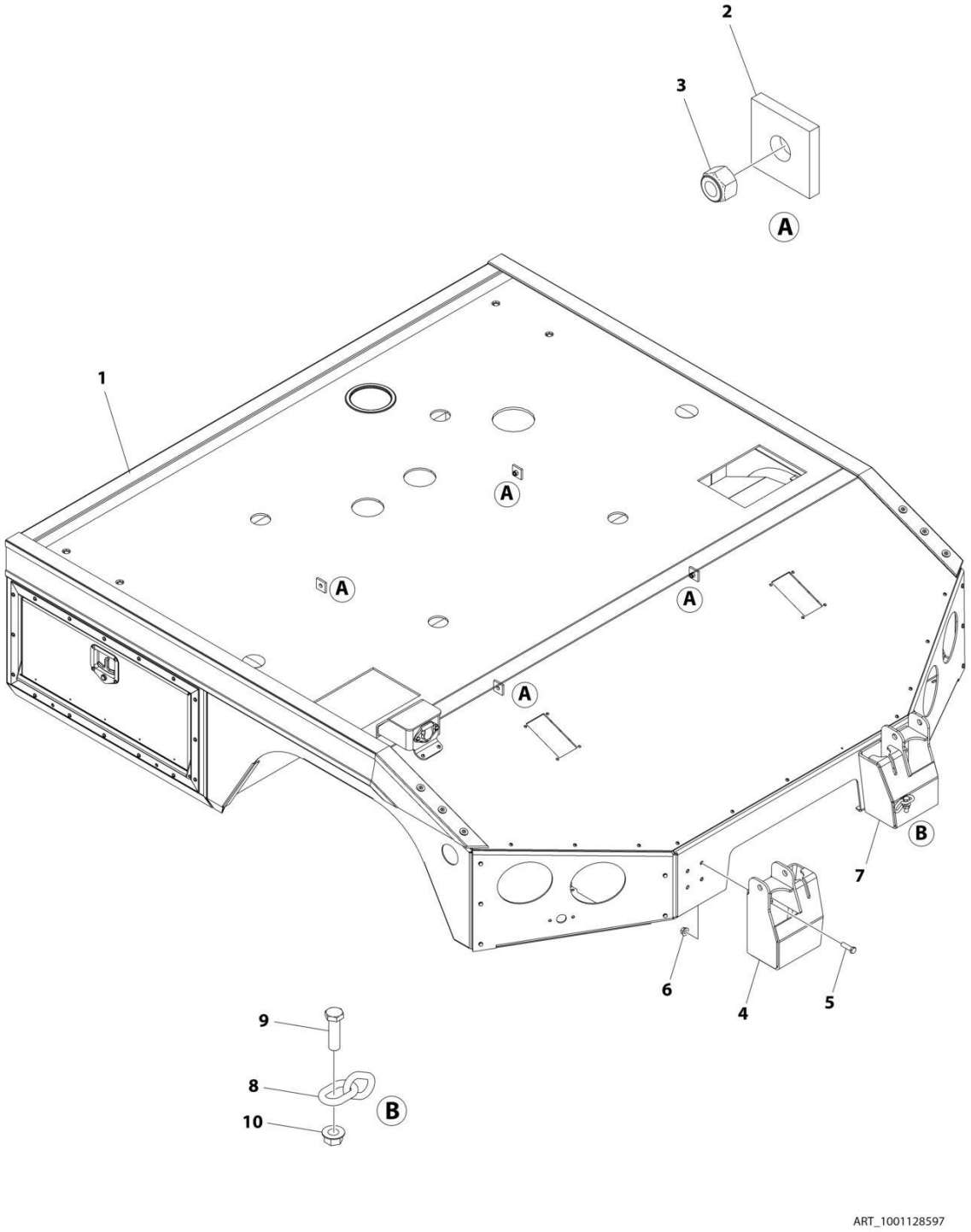


FIGURE 4-3. BODY INSTALLATION - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA) (ALBERTA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001128597	Ref	BODY INSTALLATION	C
1	1001128882	1	Body Assembly (See Separate Breakdown in this Section)	
2	4706000717	4	Plate	
3	7660182601	4	Nut 1/2	
4	3708000002	1	Chain Box LH	
5	0641814	8	Bolt 1/2 x 1-3/4	
6	7660182301	8	Nut 1/2	
7	3708000003	1	Chain Box RH	
8	7262000040	2	Chain	
9	0641710	2	Bolt 7/16 x 1-1/4	
10	7660172600	2	Nut 7/16	

FIGURE 4-4. BODY INSTALLATION - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA) (GSA SPECS)

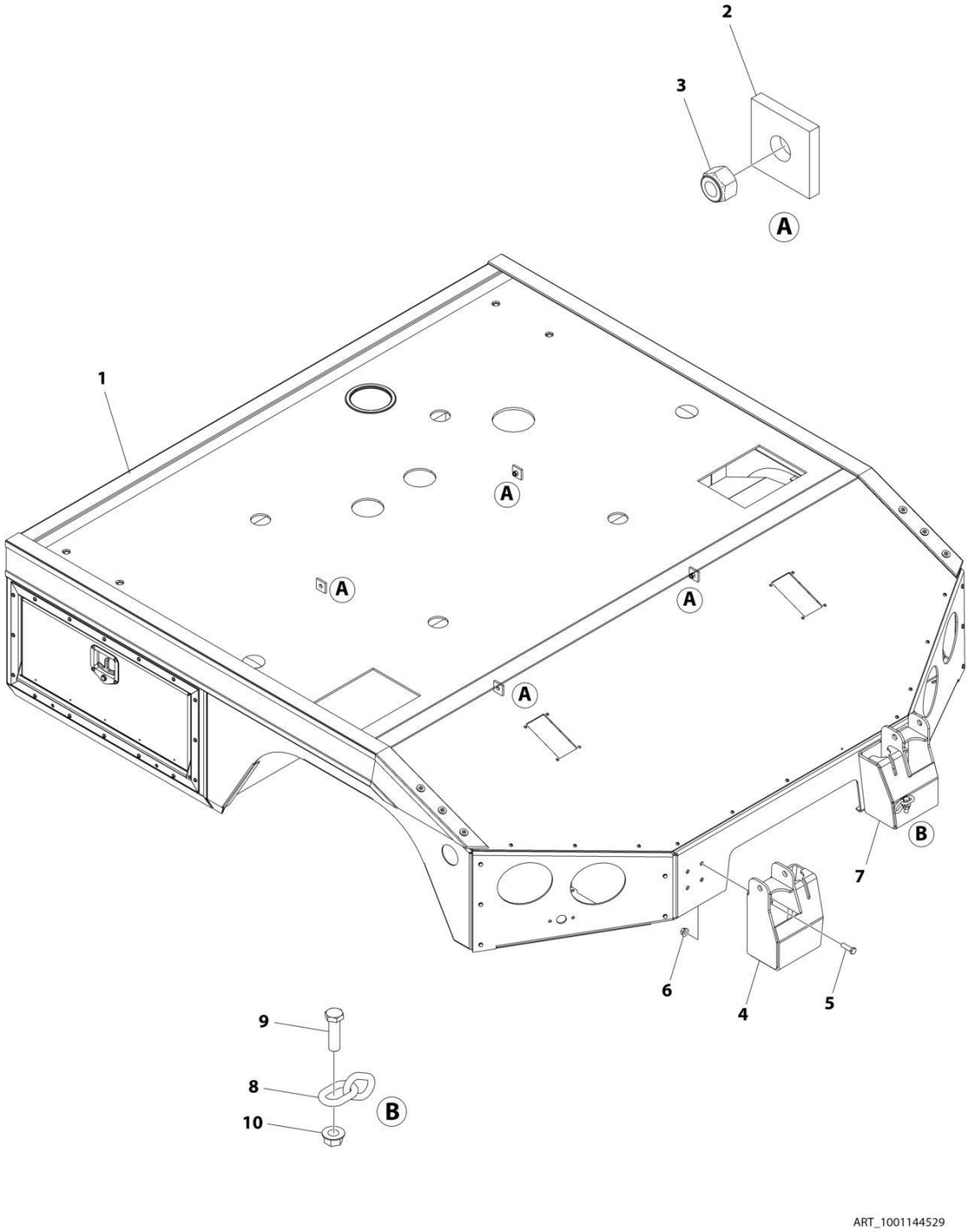


FIGURE 4-4. BODY INSTALLATION - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA) (GSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144529	Ref	BODY INSTALLATION	C
1	1001144618	1	Body Assembly (See Separate Breakdown in this Section)	
2	4706000717	4	Plate	
3	7660182601	4	Nut 1/2	
4	3708000002	1	Chain Box LH	
5	7115181450	8	Bolt 1/2 x 1-3/4	
6	7660182301	8	Nut 1/2	
7	3708000003	1	Chain Box RH	
8	7262000040	2	Chain	
9	7115171050	2	Bolt 7/16 x 1-1/4	
10	7660172600	2	Nut 7/16	

FIGURE 4-5. BODY INSTALLATION - ALUMINUM (DRIVERS SIDE TOOLBOX - 60IN CA)

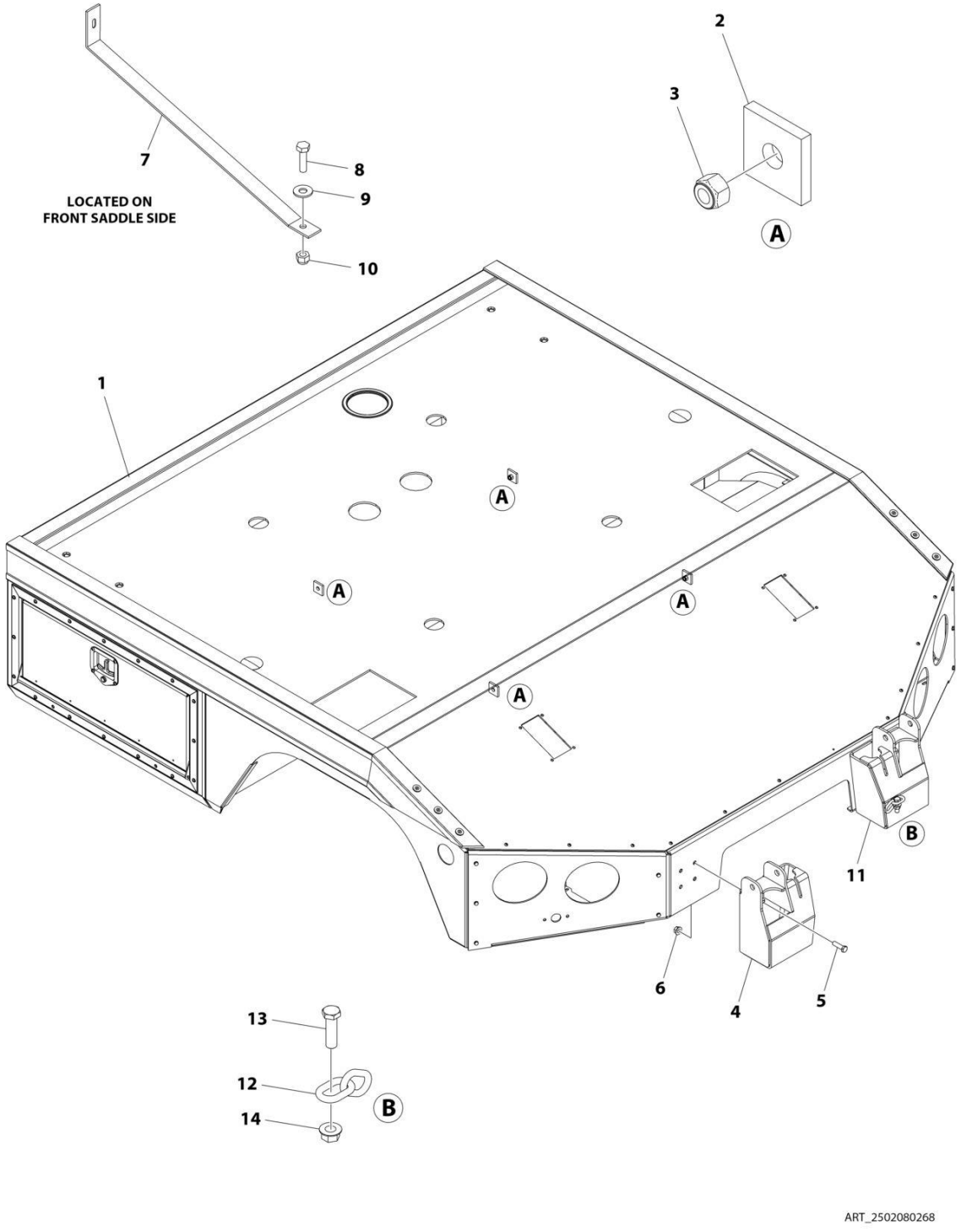


FIGURE 4-5. BODY INSTALLATION - ALUMINUM (DRIVERS SIDE TOOLBOX - 60IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080268	Ref	BODY INSTALLATION	C
1	3502080177	1	Body Assembly (See Separate Breakdown in this Section)	
2	4706000717	4	Plate	
3	7660182601	4	Nut 1/2	
4	3708000002	1	Chain Box LH	
5	0641814	8	Bolt 1/2 x 1-3/4	
6	7660182301	8	Nut 1/2	
7	4178000186	1	Bracket	
8	0641408	1	Bolt 1/4 x 1	
9	4751400	1	Washer 1/4	
10	7660142600	1	Nut 1/4	
11	3708000003	1	Chain Box RH	
12	7262000040	2	Chain	
13	0641710	2	Bolt 7/16 x 1-1/4	
14	7660172600	2	Nut 7/16	

FIGURE 4-6. BODY INSTALLATION - ALUMINUM (DRIVERS SIDE TOOLBOX - 84IN CA)

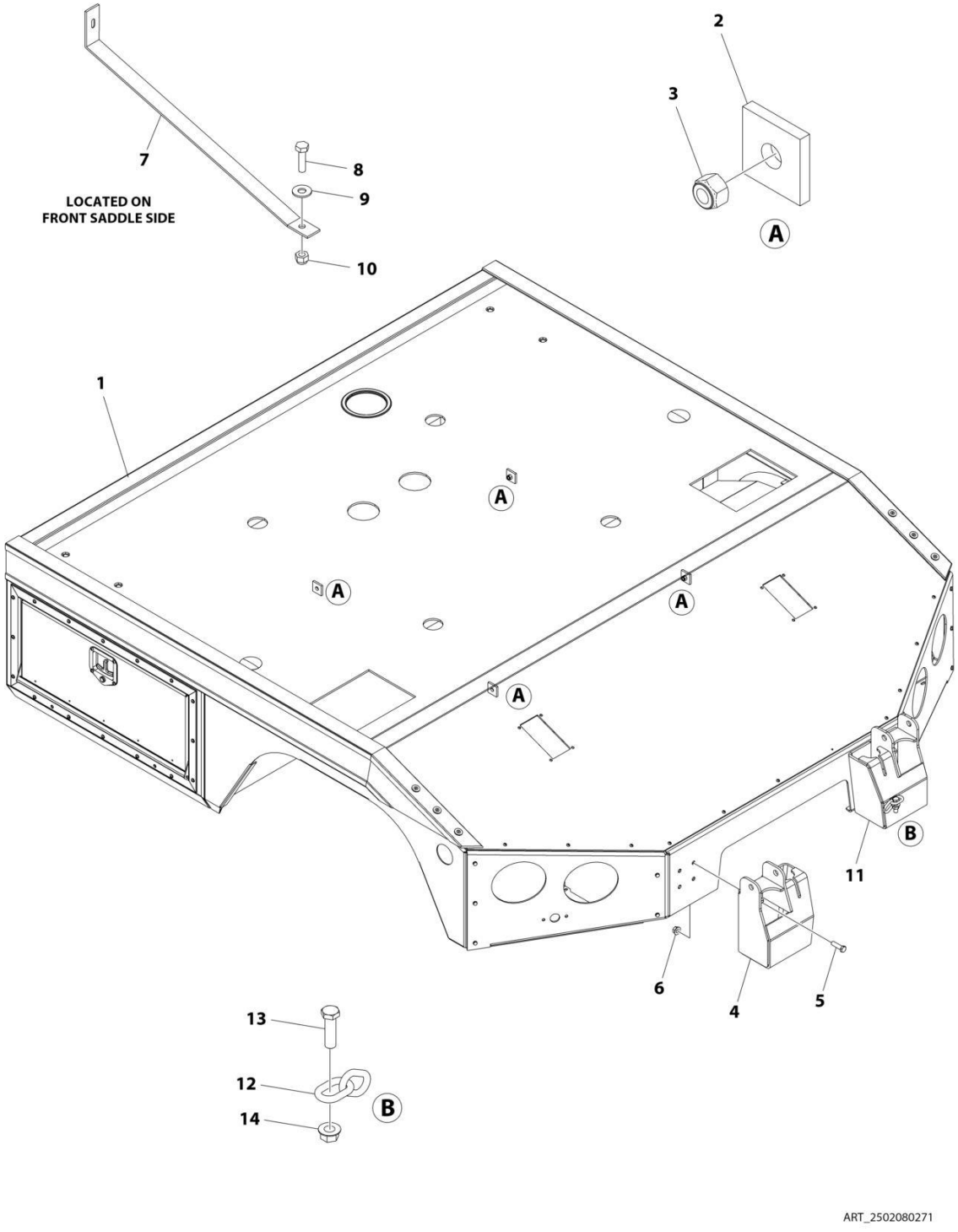


FIGURE 4-6. BODY INSTALLATION - ALUMINUM (DRIVERS SIDE TOOLBOX - 84IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080271	Ref	BODY INSTALLATION	C
1	3502080180	1	Body Assembly (See Separate Breakdown in this Section)	
2	4706000717	4	Plate	
3	7660182601	4	Nut 1/2	
4	3708000002	1	Chain Box LH	
5	0641814	8	Bolt 1/2 x 1-3/4	
6	7660182301	8	Nut 1/2	
7	4178000186	1	Bracket	
8	0641408	1	Bolt 1/4 x 1	
9	4751400	1	Washer 1/4	
10	7660142600	1	Nut 1/4	
11	3708000003	1	Chain Box RH	
12	7262000040	2	Chain	
13	0641710	2	Bolt 7/16 x 1-1/4	
14	7660172600	2	Nut 7/16	

FIGURE 4-7. BODY INSTALLATION - ALUMINUM (NO TOOLBOXES - 60IN CA)

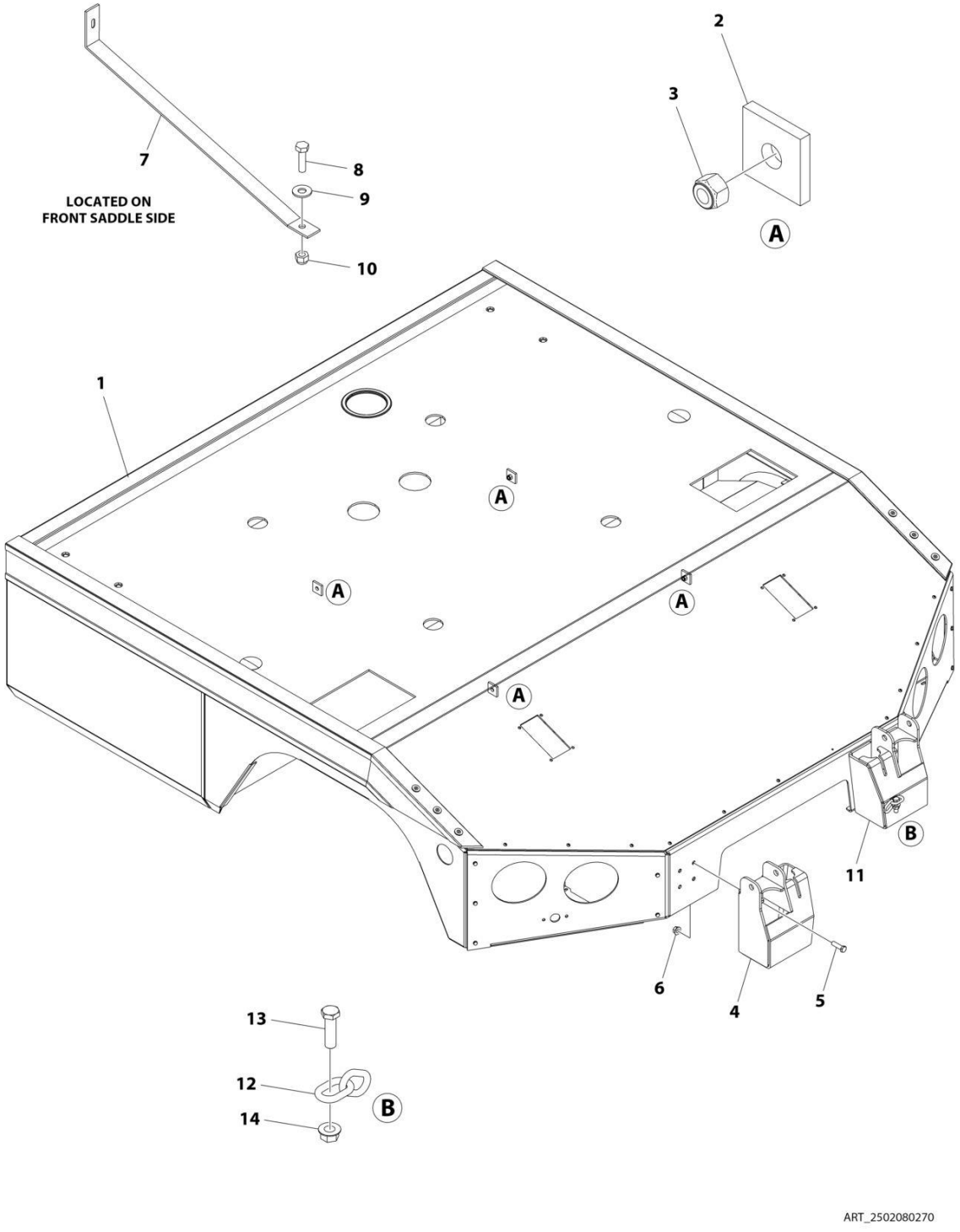


FIGURE 4-7. BODY INSTALLATION - ALUMINUM (NO TOOLBOXES - 60IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080270	Ref	BODY INSTALLATION	B
1	3502080179	1	Body Assembly (See Separate Breakdown in this Section)	
2	4706000717	4	Plate	
3	7660182601	4	Nut 1/2	
4	3708000002	1	Chain Box LH	
5	7115181450	8	Bolt 1/2 x 1-3/4	
6	7660182301	8	Nut 1/2	
7	4178000186	2	Bracket	
8	7115140850	2	Bolt 1/4 x 1	
9	7950140161	2	Washer 1/4	
10	7660142600	2	Nut 1/4	
11	3708000003	1	Chain Box RH	
12	7262000040	2	Chain	
13	7115171050	2	Bolt 7/16 x 1-1/4	
14	7660172600	2	Nut 7/16	

FIGURE 4-8. BODY INSTALLATION - ALUMINUM (NO TOOLBOXES - 84IN CA)

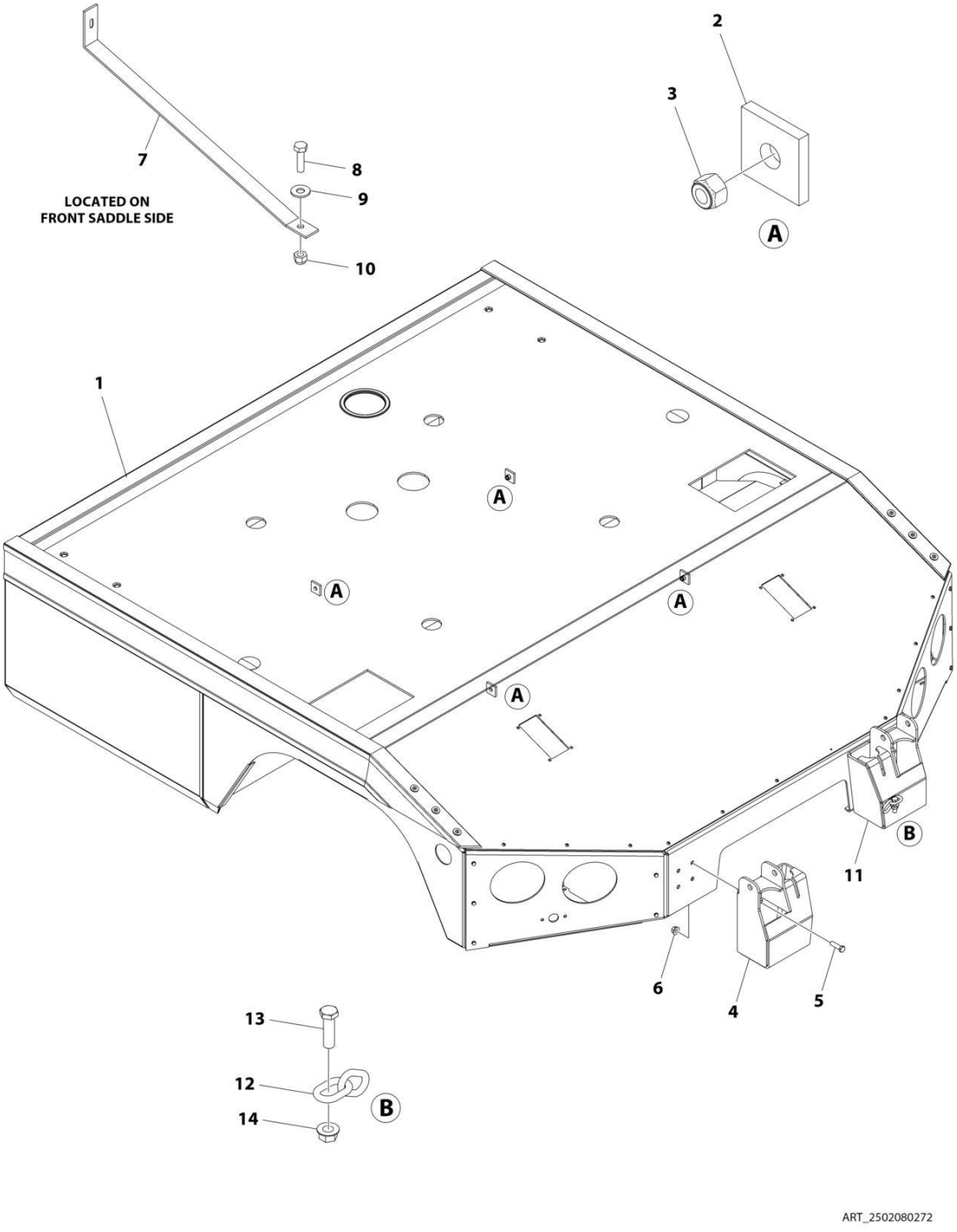


FIGURE 4-8. BODY INSTALLATION - ALUMINUM (NO TOOLBOXES - 84IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080272	Ref	BODY INSTALLATION	B
1	3502080181	1	Body Assembly (See Separate Breakdown in this Section)	
2	4706000717	4	Plate	
3	7660182601	4	Nut 1/2	
4	3708000002	1	Chain Box LH	
5	7115181450	8	Bolt 1/2 x 1-3/4	
6	7660182301	8	Nut 1/2	
7	4178000186	2	Bracket	
8	7115140850	2	Bolt 1/4 x 1	
9	7950140161	2	Washer 1/4	
10	7660142600	2	Nut 1/4	
11	3708000003	1	Chain Box RH	
12	7262000040	2	Chain	
13	7115171050	2	Bolt 7/16 x 1-1/4	
14	7660172600	2	Nut 7/16	

FIGURE 4-9. BODY INSTALLATION - STEEL (BOTH SIDE TOOLBOXES - 60IN/84IN CA)

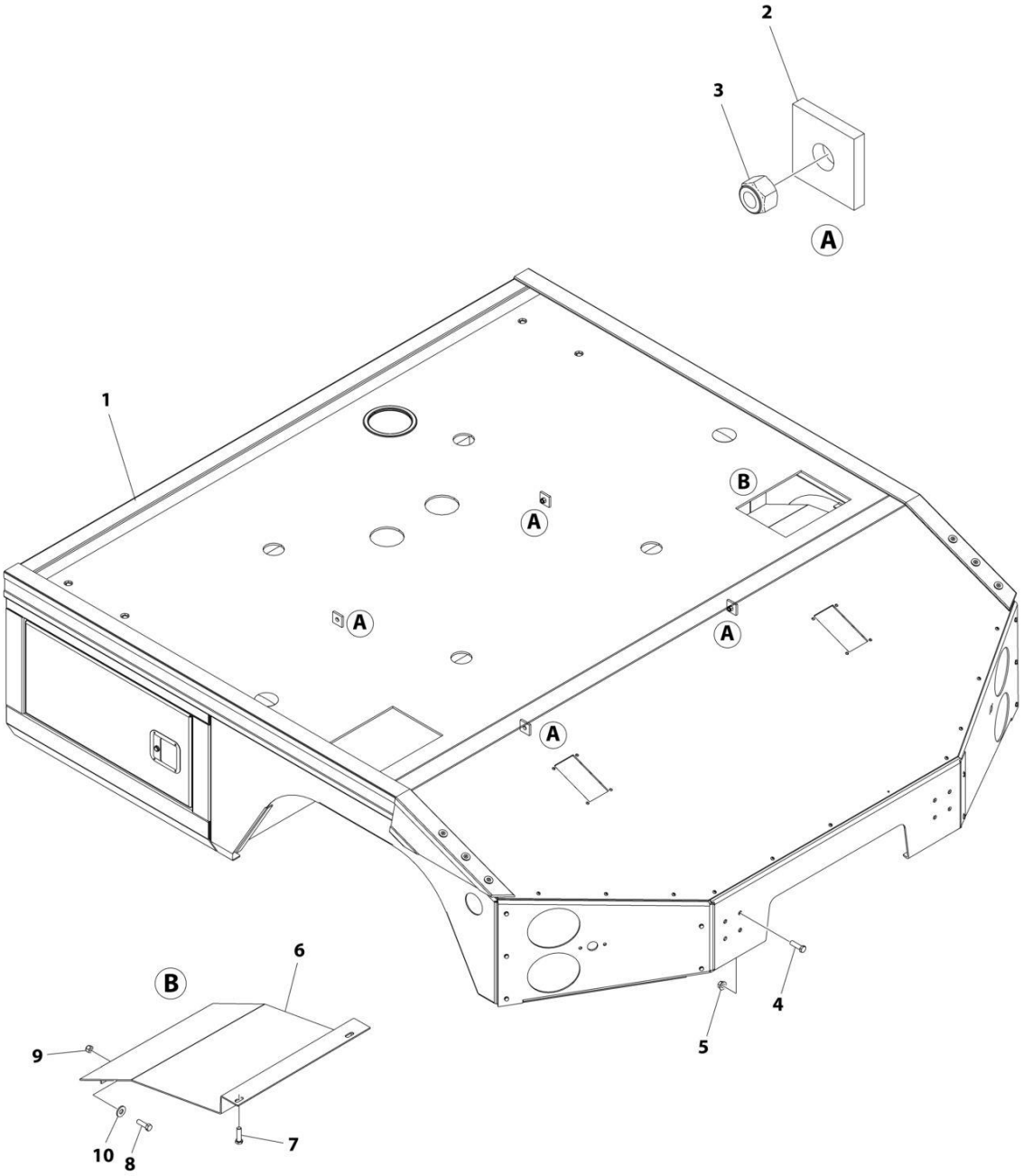


FIGURE 4-9. BODY INSTALLATION - STEEL (BOTH SIDE TOOLBOXES - 60IN/84IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080276	Ref	BODY ASSEMBLY	A
1	3502080183	1	Body Assembly (See Separate Breakdown in this Section)	
2	4706000717	6	Plate	
3	7660182601	6	Nut 1/2	
4	7115181450	8	Bolt 1/2 x 1-3/4	
5	7660182301	8	Nut 1/2	
6	4706001516	1	Plate	
7	7790141056	2	Bolt 1/1 x 5/8	
8	7115140850	1	Bolt 1/4 x 1	
9	7660142600	1	Nut 1/4	
10	7950140161	1	Washer 1/4	

FIGURE 4-10. BODY INSTALLATION - STEEL (DRIVERS SIDE TOOLBOX - 60IN/84IN CA)

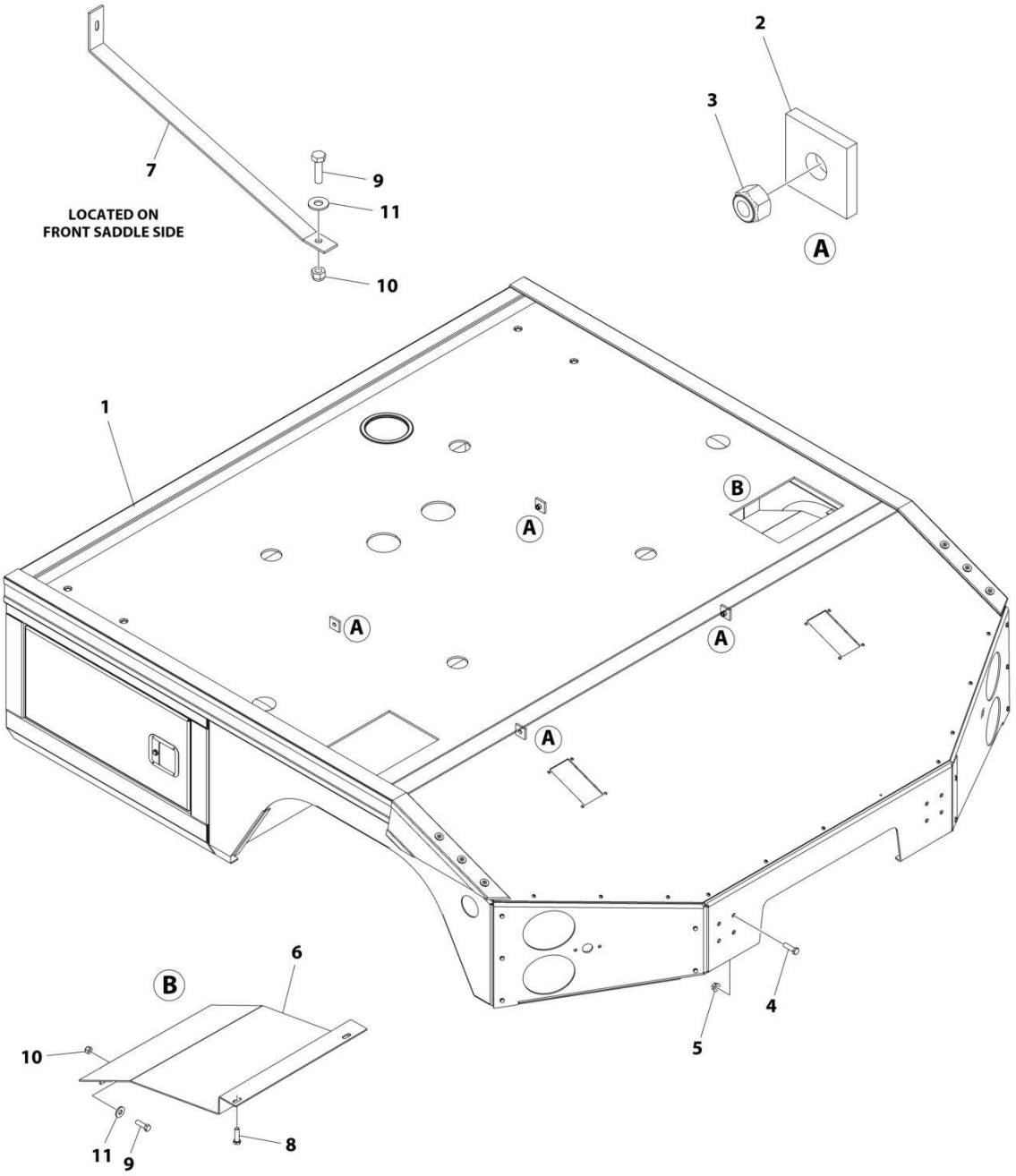


FIGURE 4-10. BODY INSTALLATION - STEEL (DRIVERS SIDE TOOLBOX - 60IN/84IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080275	Ref	BODY ASSEMBLY	A
1	3502080182	1	Body Assembly (See Separate Breakdown in this Section)	
2	4706000717	6	Plate	
3	7660182601	6	Nut 1/2	
4	7115181450	8	Bolt 1/2 x 1-3/4	
5	7660182301	8	Nut 1/2	
6	4706001516	1	Plate	
7	4178000186	1	Bracket	
8	7790141056	2	Bolt 1/1 x 5/8	
9	7115140850	2	Bolt 1/4 x 1	
10	7660142600	2	Nut 1/4	
11	7950140161	2	Washer 1/4	

FIGURE 4-11. BODY ASSEMBLY - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA)

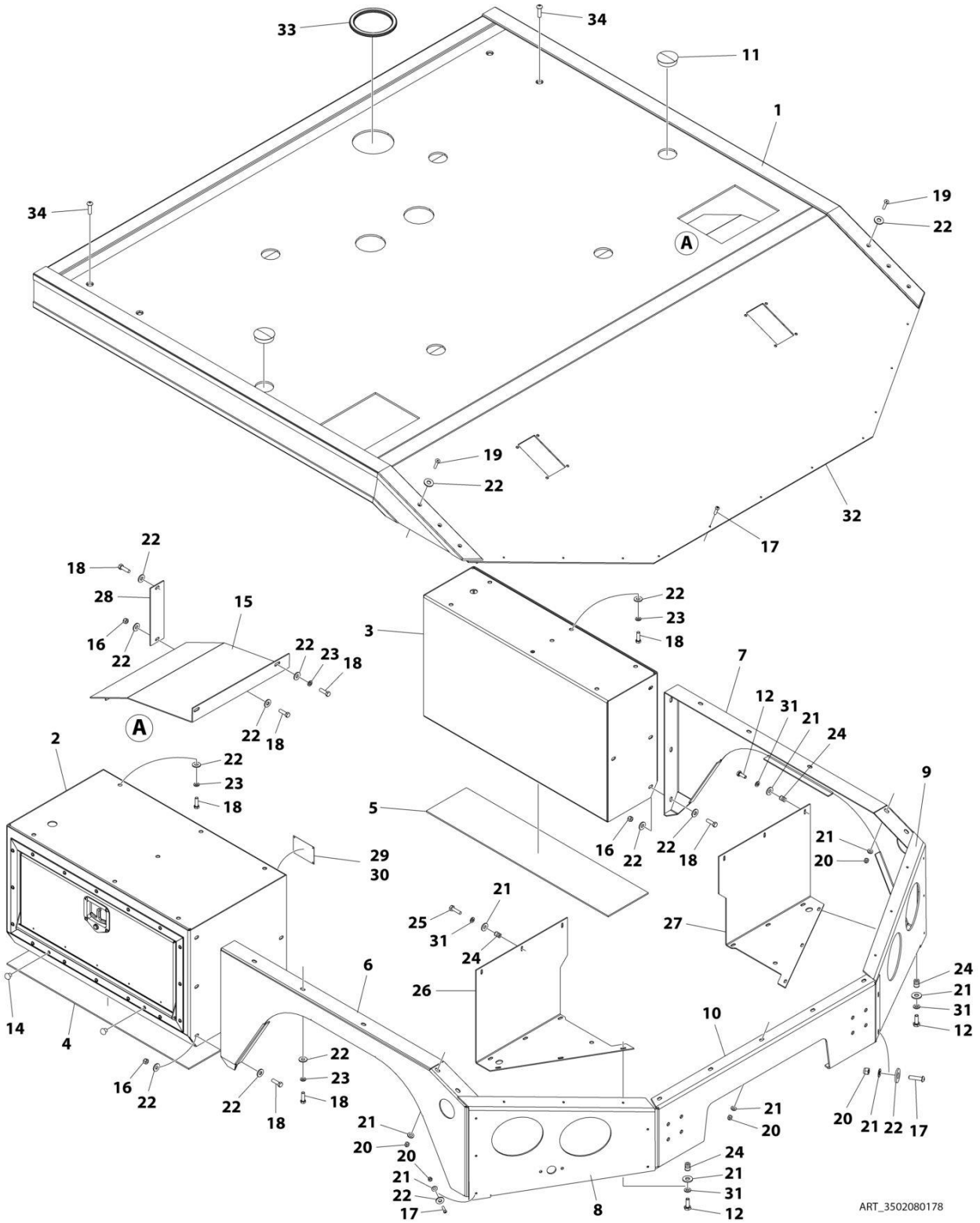


FIGURE 4-11. BODY ASSEMBLY - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3502080178	Ref	BODY ASSEMBLY	C
1	3512300117	1	Deck (aluminum)	
2	1001129585	1	Tool Box LH (See Separate Breakdown in this Section)	
3	1001129584	1	Tool Box RH (See Separate Breakdown in this Section)	
4	4679000070	1	Pad	
5	4679000069	1	Pad	
6	4415000049	1	Fender LH	
7	4415000048	1	Fender RH	
8	3502300022	1	Tail - LH	
9	3502300021	1	Tail - RH	
10	4706002282	1	Plate	
11	7701000003	2	Plug	
12	0641406	9	Bolt 1/4 x 3/4	
14	7189000007	4	Bumper	
15	4706002286	1	Plate	
16	7660162601	7	Nut 3/8	
17	7114140818	21	Capscrew 1/4 x 1	
18	0641610	31	Bolt 3/8 x 1-1/4	
19	7114141023	6	Capscrew 1/4 x 1-1/4	
20	7660142600	27	Nut 1/4	
21	4751400	35	Washer 1/4	
22	4751600	52	Washer 3/8	
23	4761600	24	Washer 3/8	
24	7413000002	12	Nut 1/4	
25	0641408	3	Bolt 1/4 x 1	
26	4706001333	1	Plate	
27	4706001334	1	Plate	
28	4706001519	1	Plate	
29	See Note	NSS	Nameplate, Manufacturer Serial Number (Note: Not Available for Purchase)	
30	7759000004	4	Pop Rivet	
31	4761400	12	Washer 1/4	
32	3502300054	1	Tail Plate	
33	8632000018	1.5 ft / 0.46m	Edge Trim	
34	7114181418	4	Capscrew 1/2 x 1-3/4	

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FIGURE 4-12. BODY ASSEMBLY - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA) (AAA SPECS)

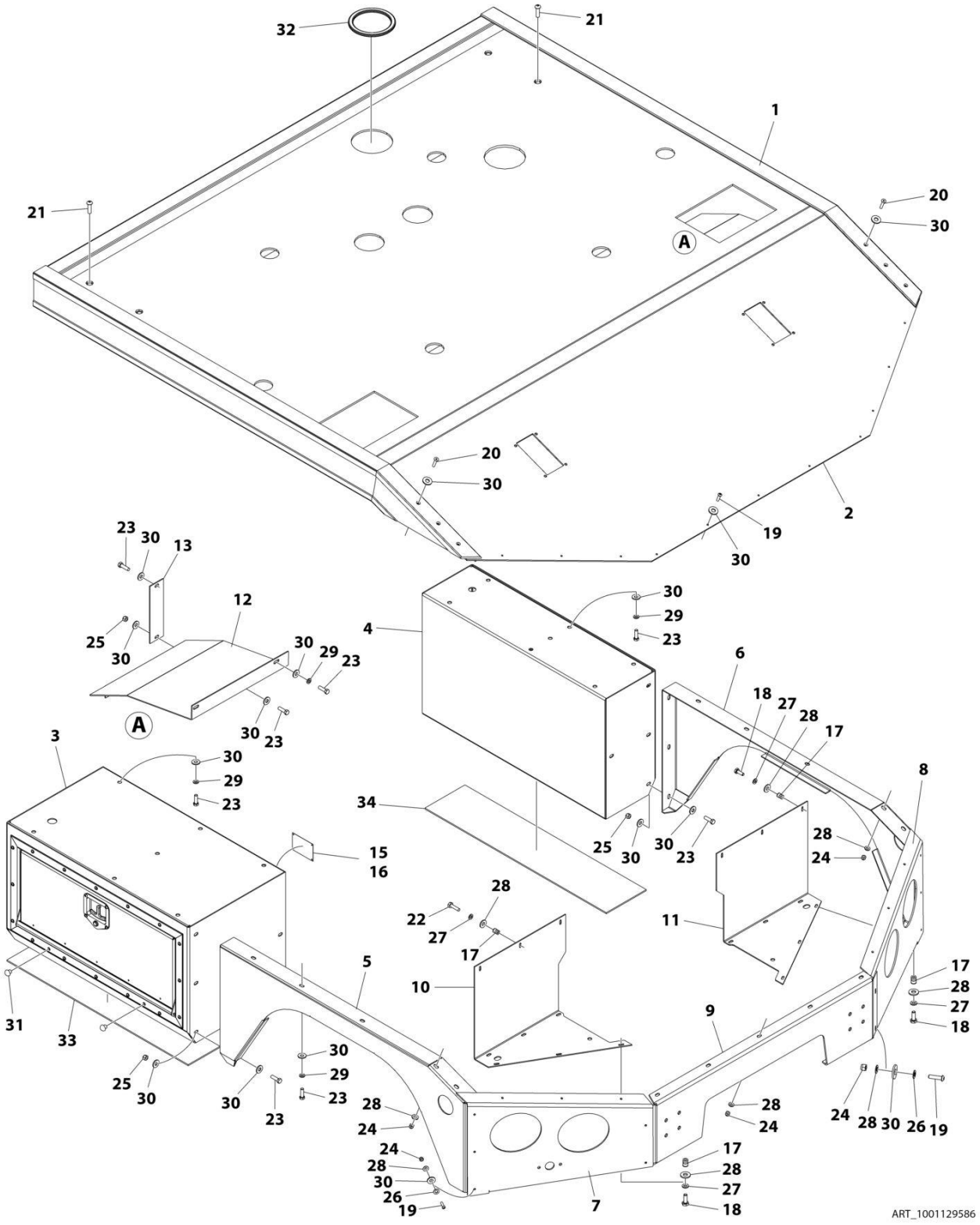

FIGURE 4-12. BODY ASSEMBLY - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA) (AAA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129586	Ref	BODY ASSEMBLY	B
1	3512300117	1	Deck (Aluminum)	
2	3502300054	1	Tail Plate	
3	1001129585	1	Tool Box LH (See Separate Breakdown in this Section)	
4	1001129584	1	Tool Box RH (See Separate Breakdown in this Section)	
5	4415000049	1	Fender LH	
6	4415000048	1	Fender RH	
7	3502300022	1	Tail - LH	
8	3502300021	1	Tail - RH	
9	4706002282	1	Plate	
10	4706001333	1	Plate	
11	4706001334	1	Plate	
12	4706002286	1	Plate	
13	4706001519	1	Plate	
15	1001127220	1	Decal	
16	7759000004	4	Pop Rivet	
17	7413000002	12	Nut 1/4	
18	7111140650	9	Bolt 1/4 x 3/4	
19	7114140818	21	Capscrew 1/4 x 1	
20	7114141023	6	Capscrew 1/4 x 1-1/4	
21	7114181418	4	Capscrew 1/2 x 1-3/4	
22	7115140850	3	Bolt 1/4 x 1	
23	7115161050	32	Bolt 3/8 x 1-1/4	
24	7660142600	27	Nut 1/4	
25	7660162601	7	Nut 3/8	
26	7949000056	10	Washer 1/2	
27	7950140000	12	Washer 1/4	
28	7950140161	39	Washer 1/4	
29	7950160000	24	Washer 3/8	
30	7950160161	58	Washer 3/8	
31	7189000007	4	Bumper	
32	8632000018	1	Edge Trim	
33	4679000070	1	Pad	
34	4679000069	1	Pad	

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FIGURE 4-13. BODY ASSEMBLY - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA) (ALBERTA SPECS)

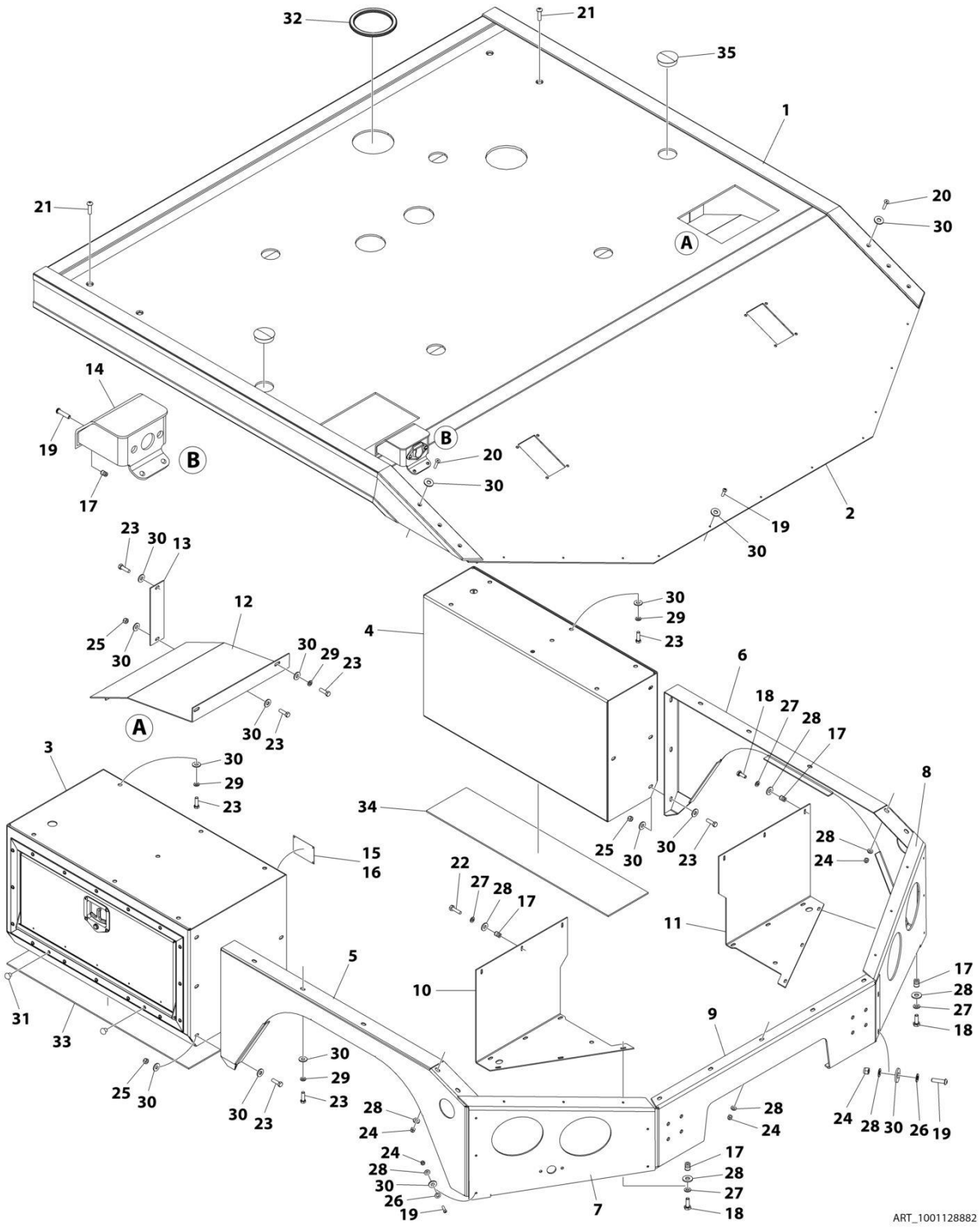

FIGURE 4-13. BODY ASSEMBLY - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA) (ALBERTA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001128882	Ref	BODY ASSEMBLY	D
1	3512300117	1	Deck (Aluminum)	
2	3502300054	1	Tail Plate	
3	1001129585	1	Tool Box LH (See Separate Breakdown in this Section)	
4	1001129584	1	Tool Box RH (See Separate Breakdown in this Section)	
5	4415000049	1	Fender LH	
6	4415000048	1	Fender RH	
7	1001128438	1	Tail - LH	
8	3502300021	1	Tail - RH	
9	4706002282	1	Plate	
10	4706001333	1	Plate	
11	4706001334	1	Plate	
12	4706002286	1	Plate	
13	4706001519	1	Plate	
14	1001128326	1	Box, 4-Way Receptacle	
15	1001127220	1	Decal, ID Tag	
16	7759000004	4	Pop Rivet	
17	7413000002	16	Nut 1/4	
18	0641406	9	Bolt 1/4 x 3/4	
19	7114140818	25	Capscrew 1/4 x 1	
20	7114141023	6	Capscrew 1/4 x 1-1/4	
21	7114181418	4	Capscrew 1/2 x 1-3/4	
22	0641408	3	Bolt 1/4 x 1	
23	0641610	32	Bolt 3/8 x 1-1/4	
24	7660142600	27	Nut 1/4	
25	7660162601	7	Nut 3/8	
26	7949000056	10	Washer 1/2	
27	4761400	12	Washer 1/4	
28	4751400	39	Washer 1/4	
29	4761600	24	Washer 3/8	
30	4751600	58	Washer 3/8	
31	7189000007	4	Bumper	
32	8632760025	1	Edge Trim	
33	4679000070	1	Pad	
34	4679000069	1	Pad	
35	7701000003	2	Plug	
36	7552000396	1	Harness, 4-Way Plug Extension (Not Shown)	

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FIGURE 4-14. BODY ASSEMBLY - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA) (GSA SPECS)

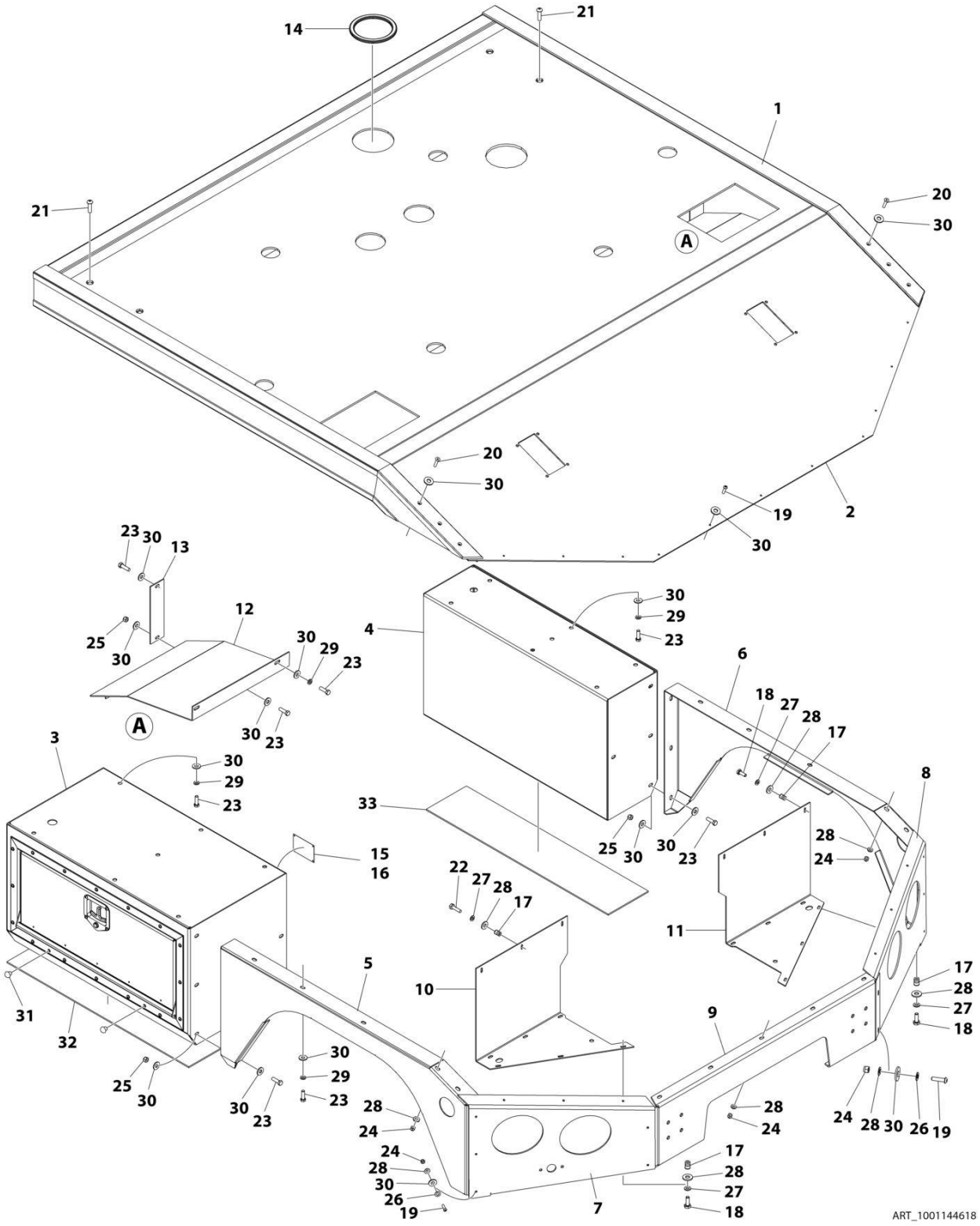


FIGURE 4-14. BODY ASSEMBLY - ALUMINUM (BOTH SIDE TOOLBOXES - 60IN/84IN CA) (GSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144618	Ref	BODY ASSEMBLY	B
1	3512300117	1	Deck (Aluminum)	
2	3502300054	1	Tail Plate	
3	1001144633	1	Tool Box LH (See Separate Breakdown in this Section)	
4	1001144631	1	Tool Box RH (See Separate Breakdown in this Section)	
5	4415000049	1	Fender LH	
6	4415000048	1	Fender RH	
7	3502300022	1	Tail - LH	
8	3502300021	1	Tail - RH	
9	4706002282	1	Plate	
10	4706001333	1	Plate	
11	4706001334	1	Plate	
12	4706002286	1	Plate	
13	4706001519	1	Plate	
14	8632000018	2	Edge Trim	
15	1001127220	1	Decal, ID Tag	
16	7759000004	4	Pop Rivet	
17	7413000002	12	Nut 1/4	
18	7111140650	9	Bolt 1/4 x 3/4	
19	7114140818	21	Capscrew 1/4 x 1	
20	7114141023	6	Capscrew 1/4 x 1-1/4	
21	7114181418	4	Capscrew 1/2 x 1-3/4	
22	7115140850	3	Bolt 1/4 x 1	
23	7115161050	32	Bolt 3/8 x 1-1/4	
24	7660142600	27	Nut 1/4	
25	7660162601	7	Nut 3/8	
26	7949000056	10	Washer 1/2	
27	7950140000	12	Washer 1/4	
28	7950140161	39	Washer 1/4	
29	7950160000	24	Washer 3/8	
30	7950160161	58	Washer 3/8	
31	7189000007	4	Bumper	
32	4679000070	1	Pad	
33	4679000069	1	Pad	

FIGURE 4-15. BODY ASSEMBLY - ALUMINUM (DRIVERS SIDE TOOLBOX - 60IN CA)

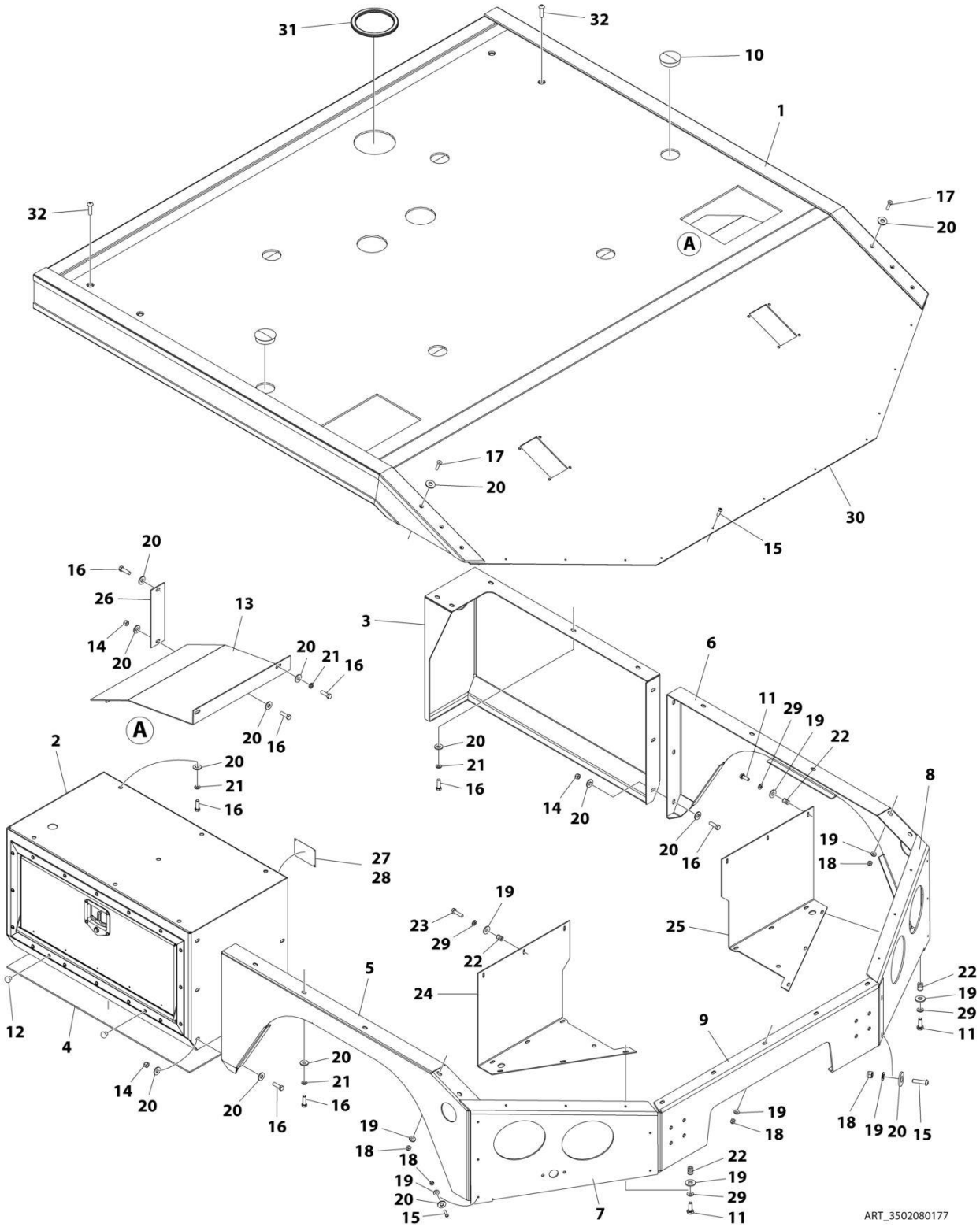


FIGURE 4-15. BODY ASSEMBLY - ALUMINUM (DRIVERS SIDE TOOLBOX - 60IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3502080177	Ref	BODY ASSEMBLY	C
1	3512300117	1	Deck (aluminum)	
2	1001129585	1	Tool Box LH (See Separate Breakdown in this Section)	
3	3686000004	1	Body Panel - RH	
4	4679000070	1	Pad	
5	4415000049	1	Fender LH	
6	4415000048	1	Fender RH	
7	3502300022	1	Tail - LH	
8	3502300021	1	Tail - RH	
9	4706002282	1	Plate	
10	7701000003	2	Plug	
11	0641406	9	Bolt 1/4 x 3/4	
12	7189000007	2	Bumper	
13	4706002286	1	Plate	
14	7660162601	7	Nut 3/8	
15	7114140818	21	Capscrew 1/4 x 1	
16	0641610	29	Bolt 3/8 x 1-1/4	
17	7114141023	6	Capscrew 1/4 x 1-1/4	
18	7660142600	27	Nut 1/4	
19	4751400	35	Washer 1/4	
20	4751600	50	Washer 3/8	
21	4761600	22	Washer 3/8	
22	7413000002	12	Nut 1/4	
23	0641408	3	Bolt 1/4 x 1	
24	4706001333	1	Plate	
25	4706001334	1	Plate	
26	4706001519	1	Plate	
27	See Note	NSS	Nameplate, Manufacturer Serial Number (Note: Not Available for Purchase)	
28	7759000004	4	Pop Rivet	
29	4761400	12	Washer 1/4	
30	3502300054	1	Tail Plate	
31	8632000018	1.5 ft / 0.46m	Edge Trim	
32	7114181418	4	Capscrew 1/2 x 1-3/4	

FIGURE 4-16. BODY ASSEMBLY - ALUMINUM (DRIVERS SIDE TOOLBOX - 84IN CA)

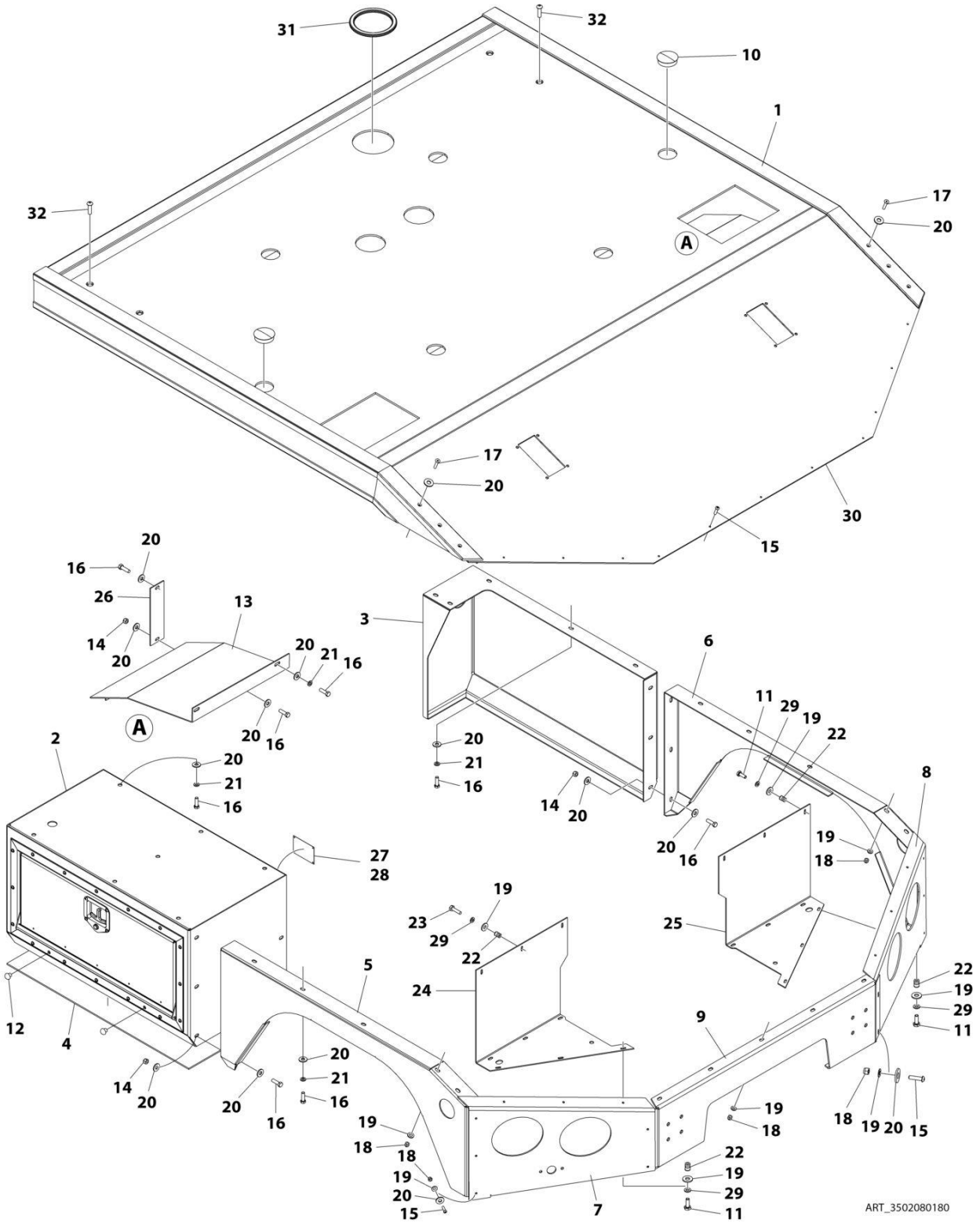


FIGURE 4-16. BODY ASSEMBLY - ALUMINUM (DRIVERS SIDE TOOLBOX - 84IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3502080180	Ref	BODY ASSEMBLY	C
1	3512300117	1	Deck (aluminum)	
2	1001129585	1	Tool Box LH (See Separate Breakdown in this Section)	
3	4686000031	1	Body Panel - RH	
4	4679000070	1	Pad	
5	4415000049	1	Fender LH	
6	4415000048	1	Fender RH	
7	3502300022	1	Tail - LH	
8	3502300021	1	Tail - RH	
9	4706002282	1	Plate	
10	7701000003	2	Plug	
11	0641406	9	Bolt 1/4 x 3/4	
12	7189000007	2	Bumper	
13	4706002286	1	Plate	
14	7660162601	7	Nut 3/8	
15	7114140818	21	Capscrew 1/4 x 1	
16	0641610	29	Bolt 3/8 x 1-1/4	
17	7114141023	6	Capscrew 1/4 x 1-1/4	
18	7660142600	27	Nut 1/4	
19	4751400	35	Washer 1/4	
20	4751600	50	Washer 3/8	
21	4761600	22	Washer 3/8	
22	7413000002	12	Nut 1/4	
23	0641408	3	Bolt 1/4 x 1	
24	4706001333	1	Plate	
25	4706001334	1	Plate	
26	4706001519	1	Plate	
27	See Note	NSS	Nameplate, Manufacturer Serial Number (Note: Not Available for Purchase)	
28	7759000004	4	Pop Rivet	
29	4761400	12	Washer 1/4	
30	3502300054	1	Tail Plate	
31	8632000018	1.5 ft / 0.46m	Edge Trim	
32	7114181418	4	Capscrew 1/2 x 1-3/4	

FIGURE 4-17. BODY ASSEMBLY - ALUMINUM (NO TOOLBOXES - 60IN CA)

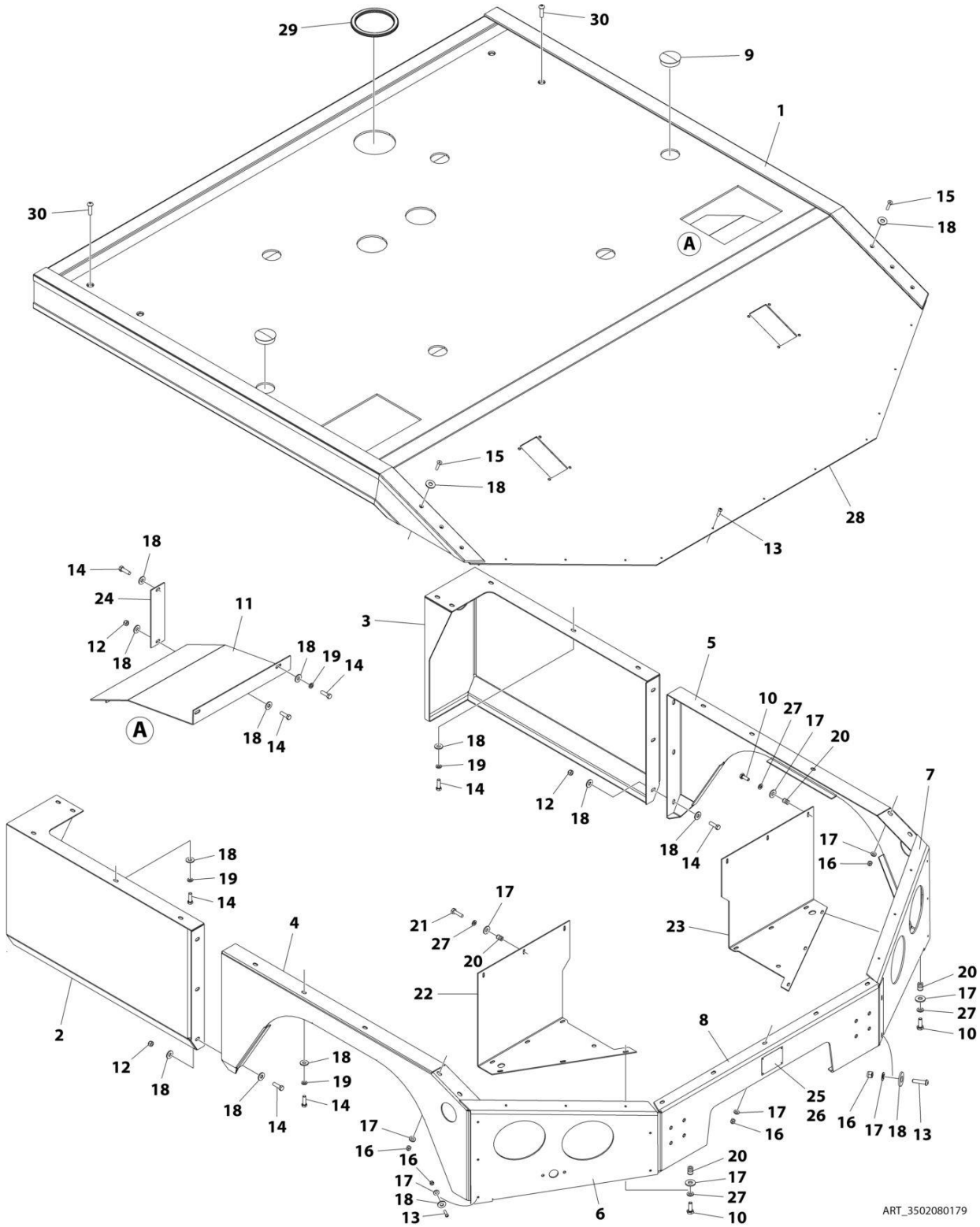


FIGURE 4-17. BODY ASSEMBLY - ALUMINUM (NO TOOLBOXES - 60IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3502080179	Ref	BODY ASSEMBLY	B
1	3512300117	1	Deck (aluminum)	
2	3686000005	1	Body Panel - LH	
3	3686000004	1	Body Panel - RH	
4	4415000049	1	Fender LH	
5	4415000048	1	Fender RH	
6	3502300022	1	Tail - LH	
7	3502300021	1	Tail - RH	
8	4706002282	1	Plate	
9	7701000003	2	Plug	
10	7111140650	9	Bolt 1/4 x 3/4	
11	4706002286	1	Plate	
12	7660162601	7	Nut 3/8	
13	7114140818	21	Capscrew 1/4 x 1	
14	7115161050	27	Bolt 3/8 x 1-1/4	
15	7114141023	6	Capscrew 1/4 x 1-1/4	
16	7660142600	27	Nut 1/4	
17	7950140161	35	Washer 1/4	
18	7950160161	48	Washer 3/8	
19	7950160000	20	Washer 3/8 ID	
20	7413000002	12	Nut 1/4	
21	7115140850	3	Bolt 1/4 x 1	
22	4706001333	1	Plate	
23	4706001334	1	Plate	
24	4706001519	1	Plate	
25	See Note	NSS	Nameplate, Manufacturer Serial Number (Note: Not Available for Purchase)	
26	7759000004	4	Pop Rivet	
27	7950140000	12	Washer 1/4	
28	3502300054	1	Tail Plate	
29	8632000018	1	Edge Trim	
30	7114181418	4	Capscrew 1/2 x 1-3/4	

FIGURE 4-18. BODY ASSEMBLY - ALUMINUM (NO TOOLBOXES - 84IN CA)

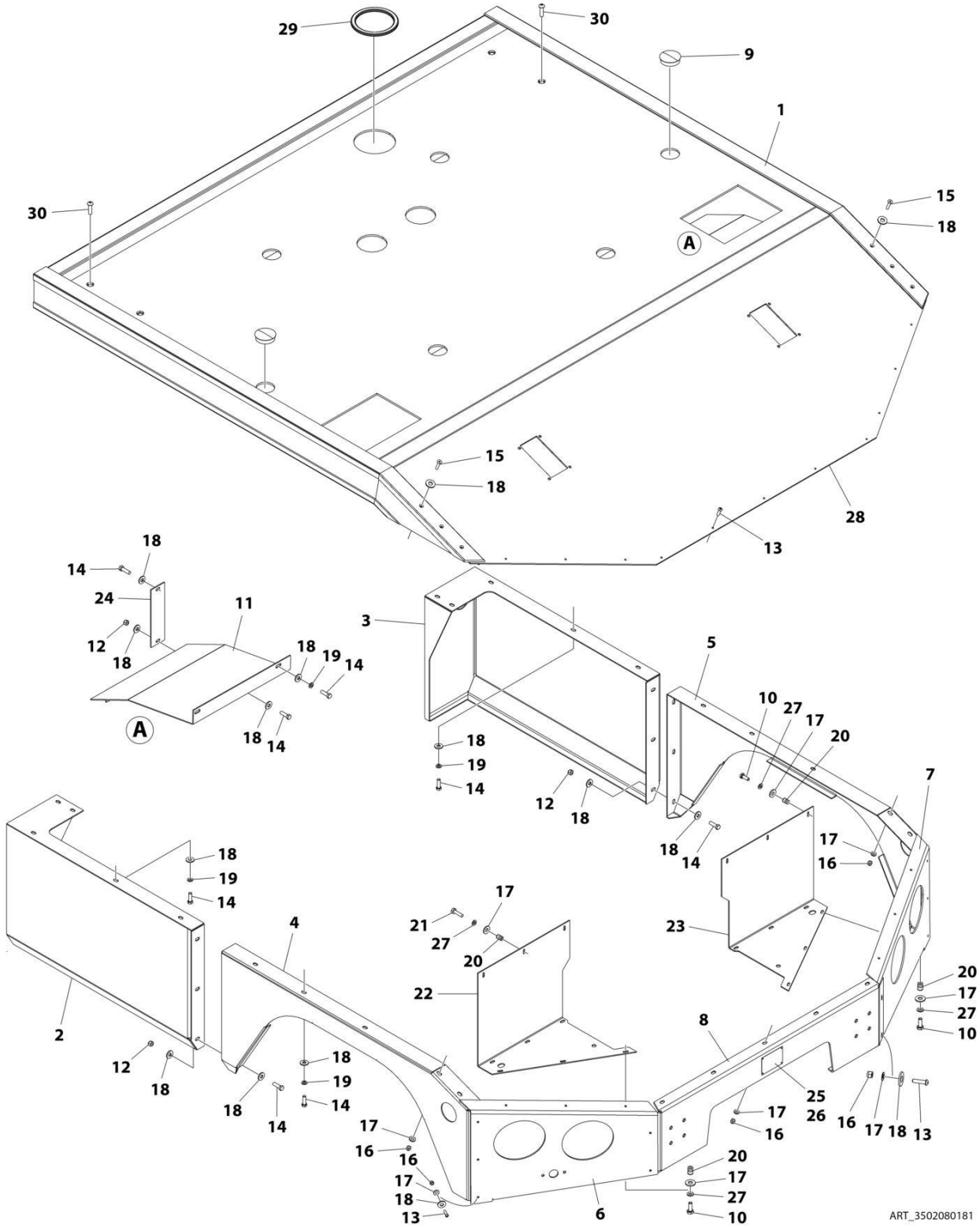


FIGURE 4-18. BODY ASSEMBLY - ALUMINUM (NO TOOLBOXES - 84IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3502080181	Ref	BODY ASSEMBLY	B
1	3512300117	1	Deck (aluminum)	
2	4686000030	1	Body Panel - LH	
3	4686000031	1	Body Panel - RH	
4	4415000049	1	Fender LH	
5	4415000048	1	Fender RH	
6	3502300022	1	Tail - LH	
7	3502300021	1	Tail - RH	
8	4706002282	1	Plate	
9	7701000003	2	Plug	
10	7111140650	9	Bolt 1/4 x 3/4	
11	4706002286	1	Plate	
12	7660162601	7	Nut 3/8	
13	7114140818	21	Capscrew 1/4 x 1	
14	7115161050	27	Bolt 3/8 x 1-1/4	
15	7114141023	6	Capscrew 1/4 x 1-1/4	
16	7660142600	27	Nut 1/4	
17	7950140161	35	Washer 1/4	
18	7950160161	48	Washer 3/8	
19	7950160000	20	Washer 3/8 ID	
20	7413000002	12	Nut 1/4	
21	7115140850	3	Bolt 1/4 x 1	
22	4706001333	1	Plate	
23	4706001334	1	Plate	
24	4706001519	1	Plate	
25	See Note	NSS	Nameplate, Manufacturer Serial Number (Note: Not Available for Purchase)	
26	7759000004	4	Pop Rivet	
27	7950140000	12	Washer 1/4	
28	3502300054	1	Tail Plate	
29	8632000018	1	Edge Trim	
30	7114181418	4	Capscrew 1/2 x 1-3/4	

FIGURE 4-19. BODY ASSEMBLY - STEEL (BOTH SIDE TOOLBOXES - 60IN/84IN CA)

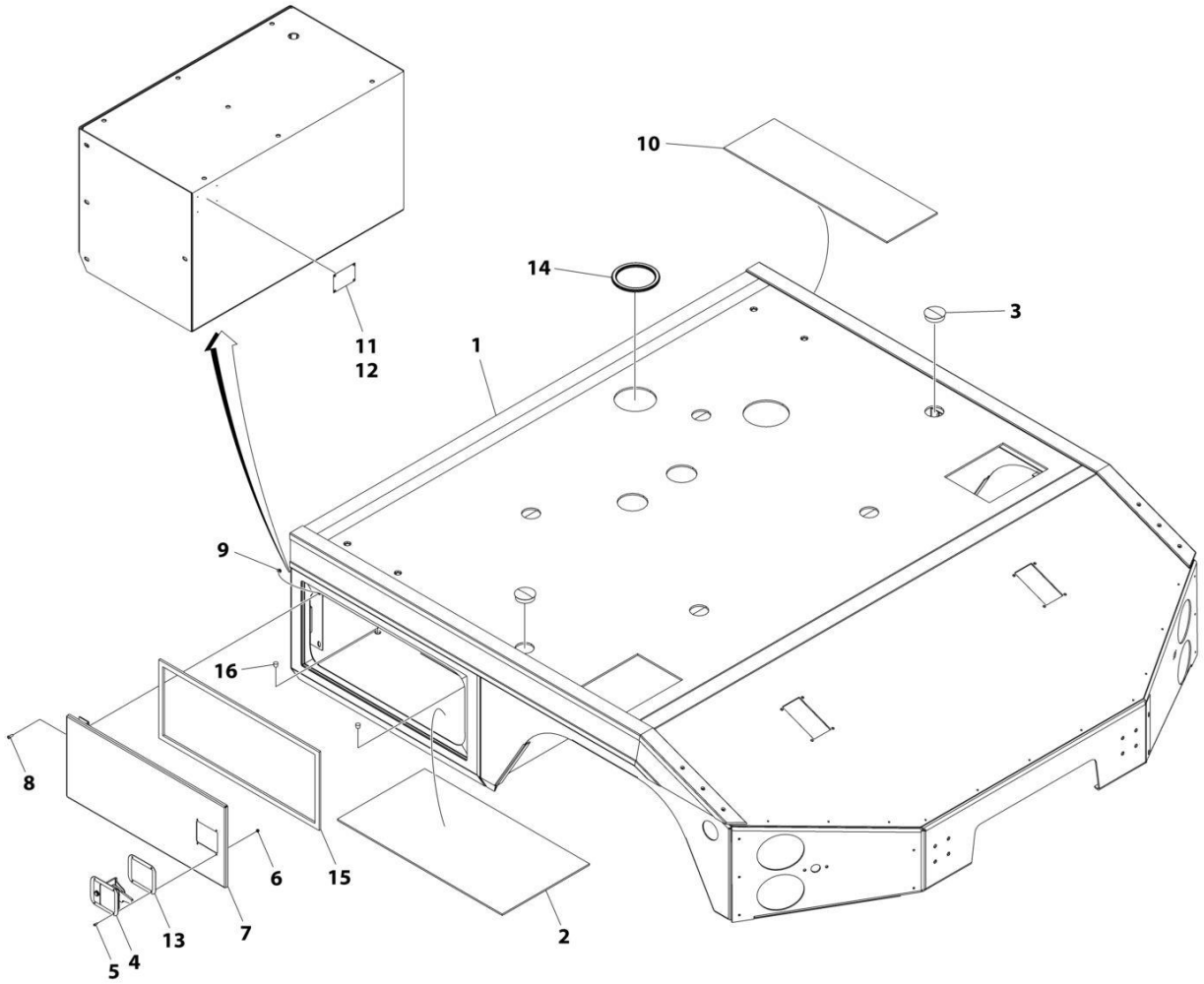


FIGURE 4-19. BODY ASSEMBLY - STEEL (BOTH SIDE TOOLBOXES - 60IN/84IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3502080183	Ref	BODY ASSEMBLY	C
1	3097000535	1	Deck (Steel) (Left & Right Side Toolbox)	
2	4679000087	1	Pad	
3	7701000003	2	Plug	
4	7595000002	2	Paddle Handle	
5	7114080418	8	Capscrew #8 x 1/2	
6	7660082500	8	Nut #8	
7	3706000040	2	Plate	
8	7118160516	4	Capscrew 3/8 x 5/8	
9	7660162301	4	Nut 3/8	
10	4679000084	1	Pad	
11	See Note	NSS	Nameplate, Manufacturer Serial Number (Note: Not Available for Purchase)	
12	7759000004	4	Pop Rivet	
13	7796000031	2	Gasket	
14	8632000018	1.5 ft / 0.46m	Edge Trim	
15	7796000002	12 ft / 3.66m	Seal	
16	7701000032	4	Plug	

FIGURE 4-20. BODY ASSEMBLY - STEEL (DRIVERS SIDE TOOLBOX - 60IN/84IN CA)

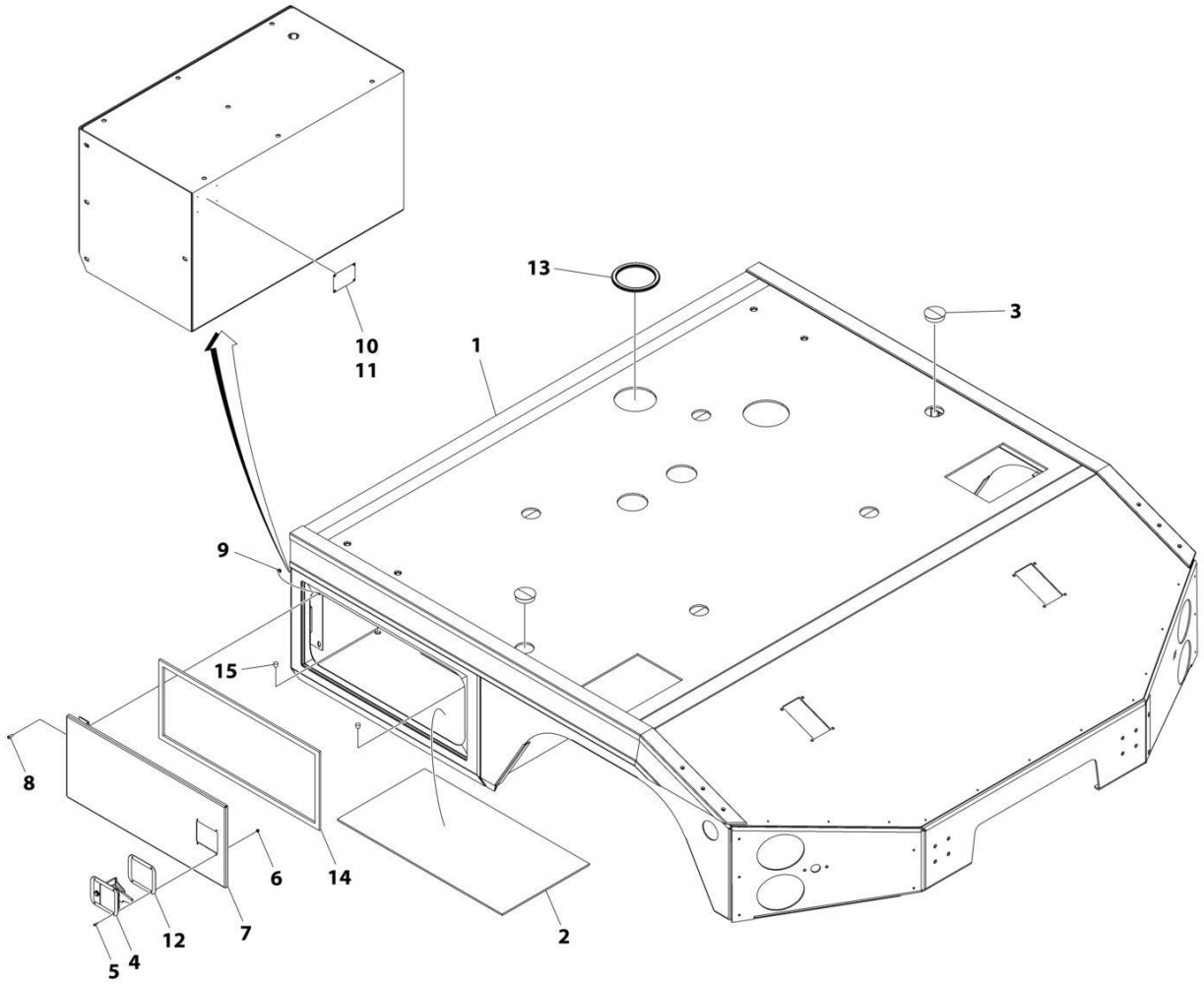


FIGURE 4-20. BODY ASSEMBLY - STEEL (DRIVERS SIDE TOOLBOX - 60IN/84IN CA)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3502080182	Ref	BODY ASSEMBLY	C
1	3097000534	1	Deck (Steel) (Left Side Toolbox)	
2	4679000087	1	Pad	
3	7701000003	2	Plug	
4	7595000002	1	Paddle Handle	
5	7114080418	4	Capscrew #8 x 1/2	
6	7660082500	4	Nut #8	
7	3706000040	1	Plate	
8	7118160516	2	Capscrew 3/8 x 5/8	
9	7660162301	2	Nut 3/8	
10	See Note	NSS	Nameplate, Manufacturer Serial Number (Note: Not Available for Purchase)	
11	7759000004	4	Pop Rivet	
12	7796000031	1	Gasket	
13	8632000018	1.5 ft / 0.46m	Edge Trim	
14	7796000002	6 ft / 1.83m	Seal	
15	7701000032	2	Plug	

FIGURE 4-21. BATTERY COVER INSTALLATION

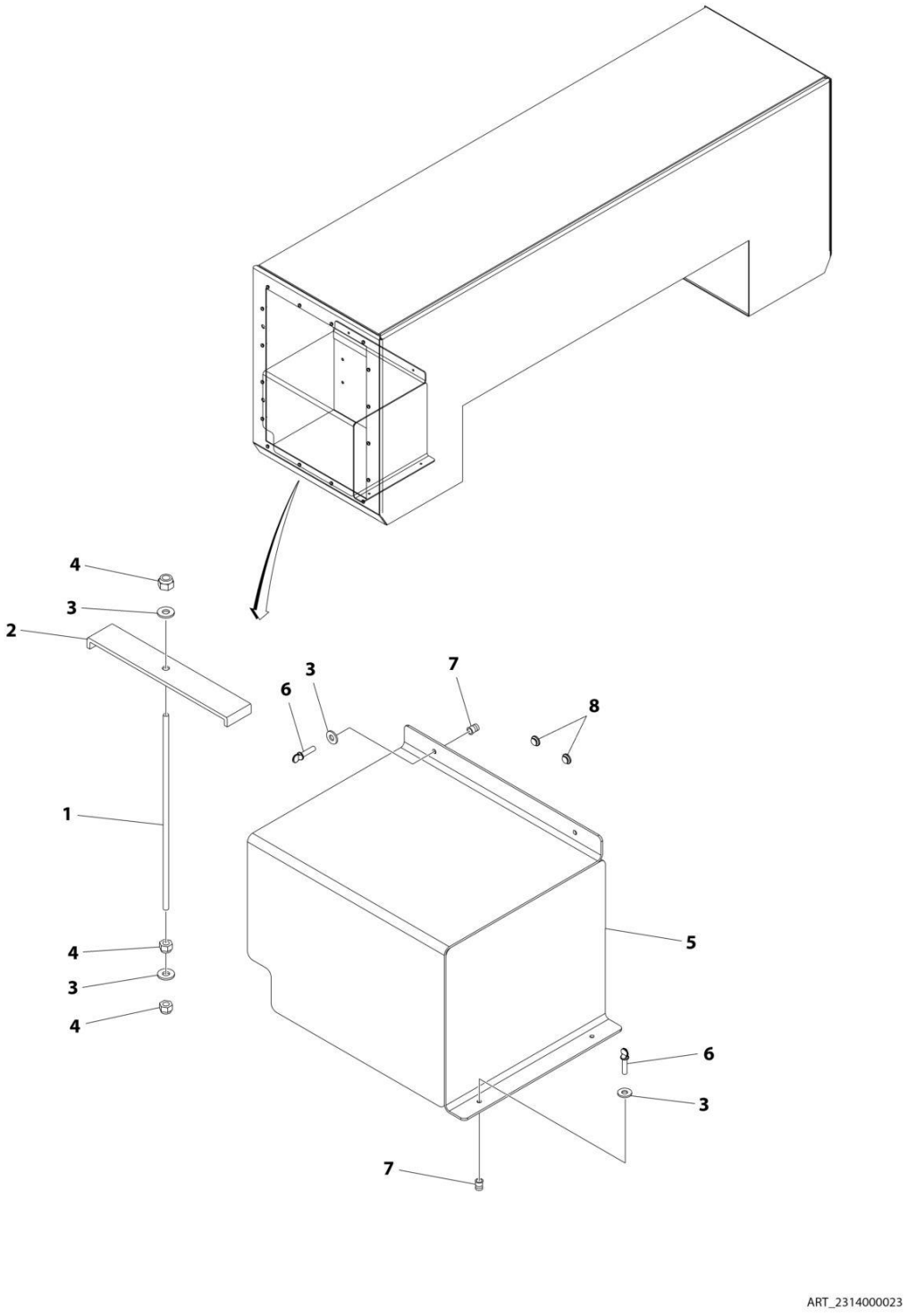


FIGURE 4-21. BATTERY COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2314000023	Ref	BATTERY BOX - TUNNEL TOOLBOX	A
1	4763000418	1	Threaded Rod	
2	4062000687	1	Bar	
3	7950140153	6	Washer 1/4 ID	
4	7660142604	3	Nut 1/4	
5	3314000050	1	Coverplate	
6	7120000070	4	Thumbscrew 1/4 x 1	
7	7413000002	4	Nutsert 1/4	
8	7493000014	2	Grommet	

FIGURE 4-22. FENDER FLARE INSTALLATION - ALUMINUM BODY (2.25IN)

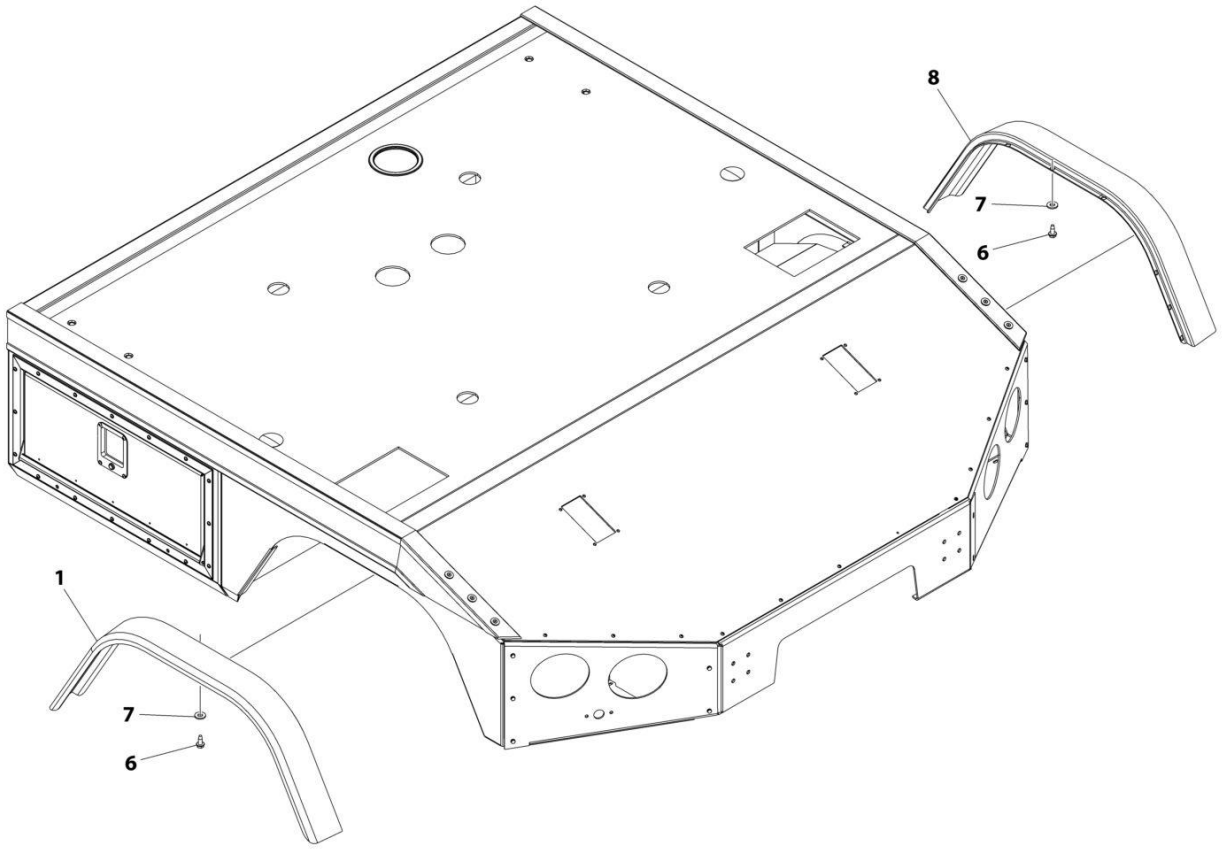


FIGURE 4-22. FENDER FLARE INSTALLATION - ALUMINUM BODY (2.25IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080078	Ref	FIBER GLASS FENDER FLARES INSTALLATION	A
1	1001131454	1	Flare, Fender (RH)	
6	7790100856	18	Screw #10 x 1/2	
7	7950100151	18	Washer	
8	1001131455	1	Flare, Fender (LH)	

FIGURE 4-23. FENDER FLARE INSTALLATION - ALUMINUM BODY (4IN)

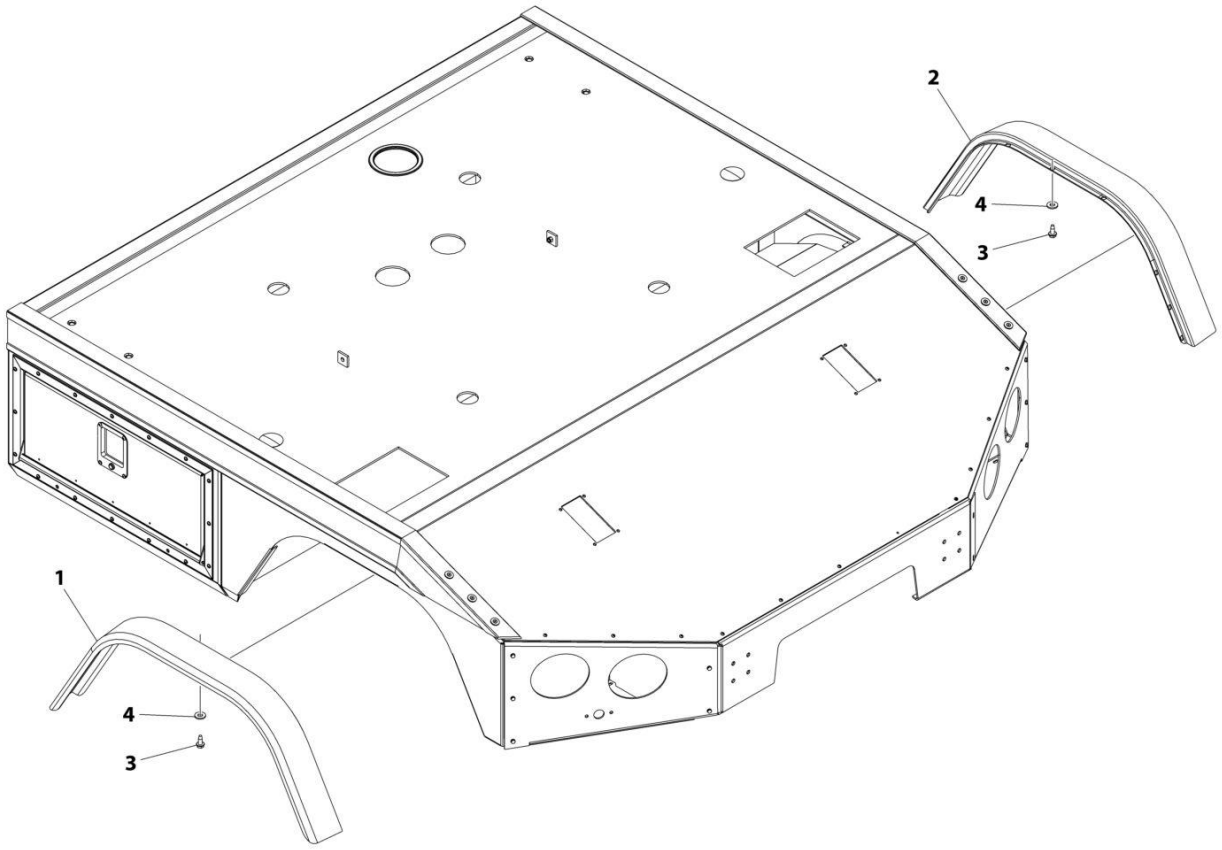


FIGURE 4-23. FENDER FLARE INSTALLATION - ALUMINUM BODY (4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080163	Ref	FIBER GLASS FLARES INSTALLATION	0
1	7415000017	1	Flare, Fender (RH)	
2	7415000018	1	Flare, Fender (LH)	
3	7790141056	16	Screw 1/4 x 5/8	
4	7950140141	16	Washer 1/4	

FIGURE 4-24. FENDER FLARE INSTALLATION - STEEL BODY (2.25IN)

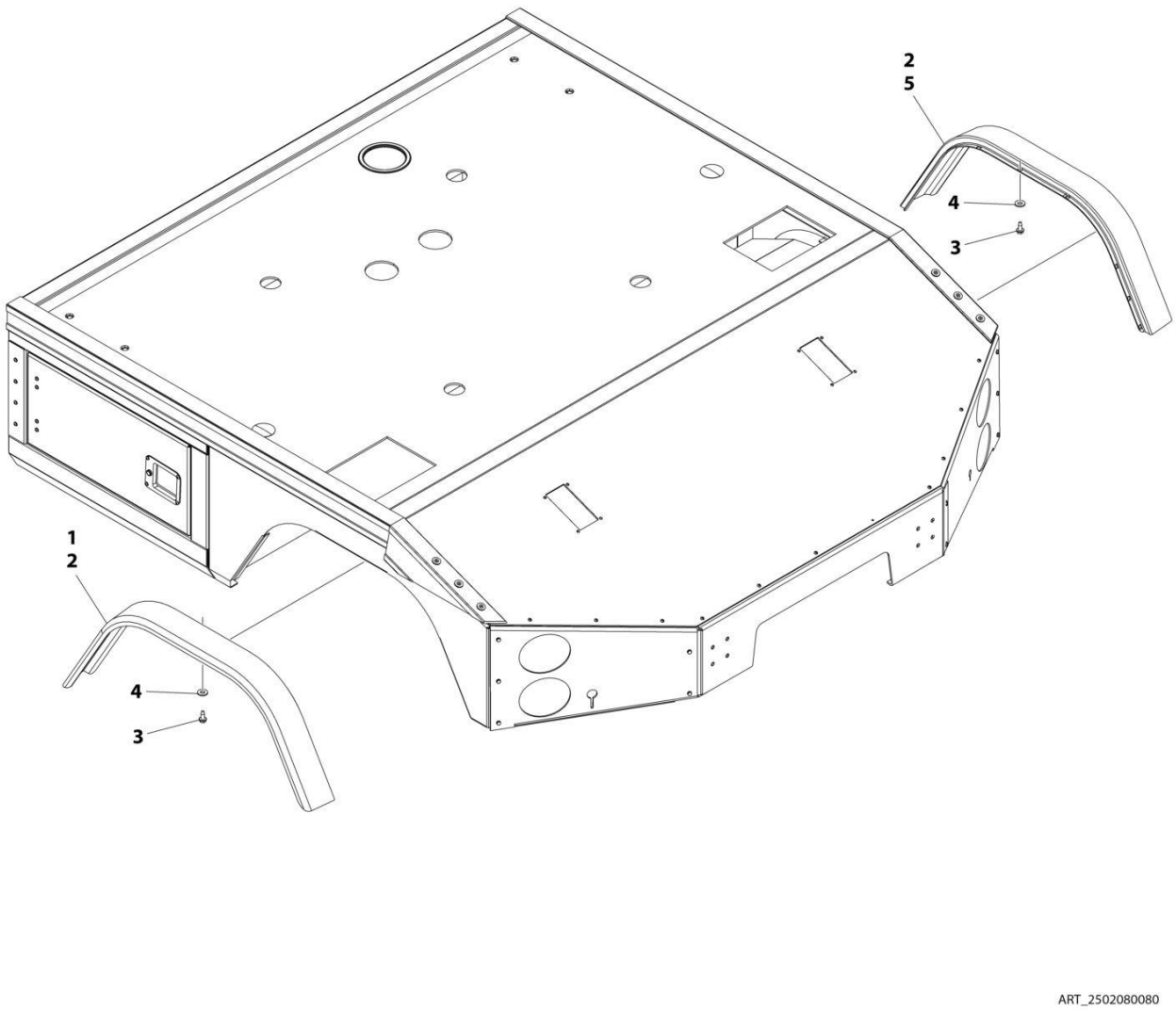


FIGURE 4-24. FENDER FLARE INSTALLATION - STEEL BODY (2.25IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080080	Ref	FIBER GLASS FENDER FLARES INSTALLATION	A
1	1001131454	1	Flare, Fender (RH)	
2	4706001262	2	Plate	
3	7790100856	22	Screw #10 x 1/2	
4	7950100151	22	Washer	
5	1001131455	1	Flare, Fender (LH)	

FIGURE 4-25. FENDER FLARE INSTALLATION - STEEL BODY (4IN)

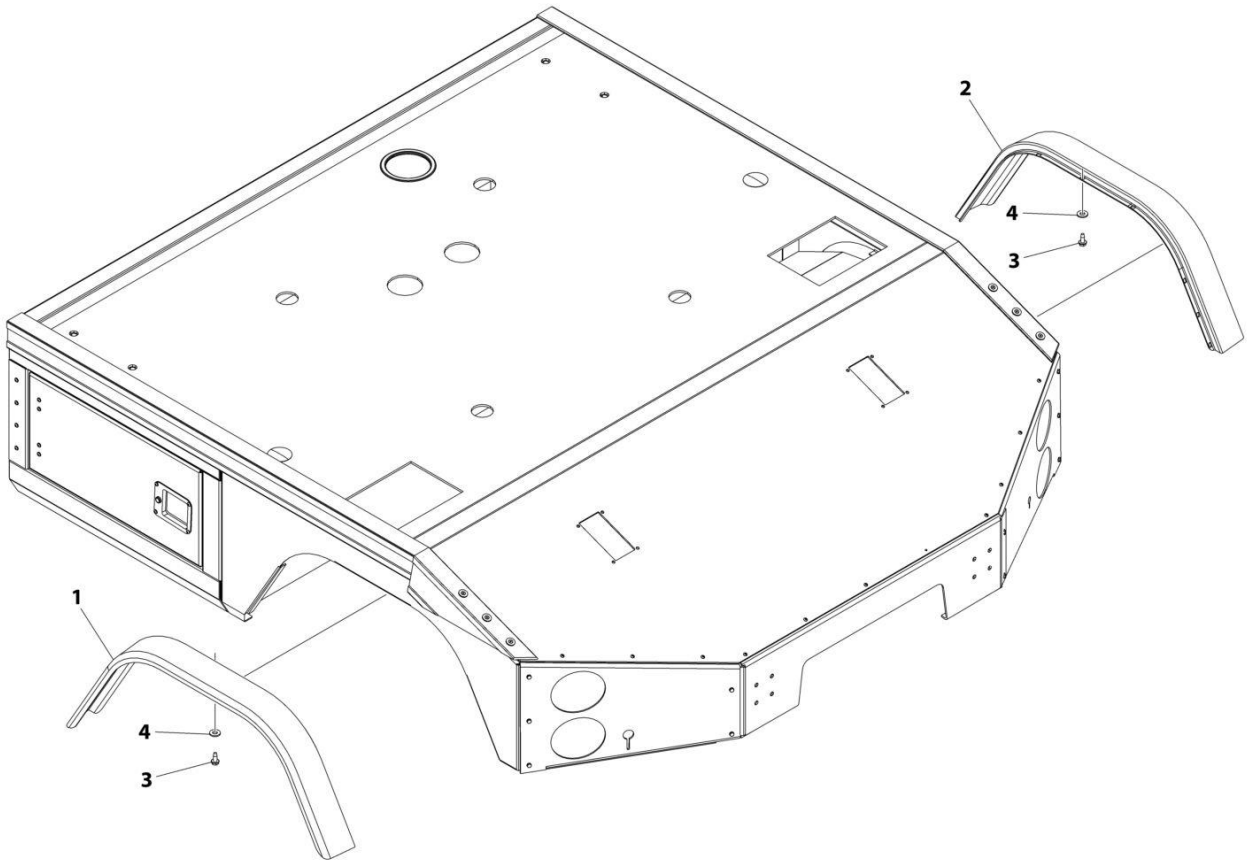
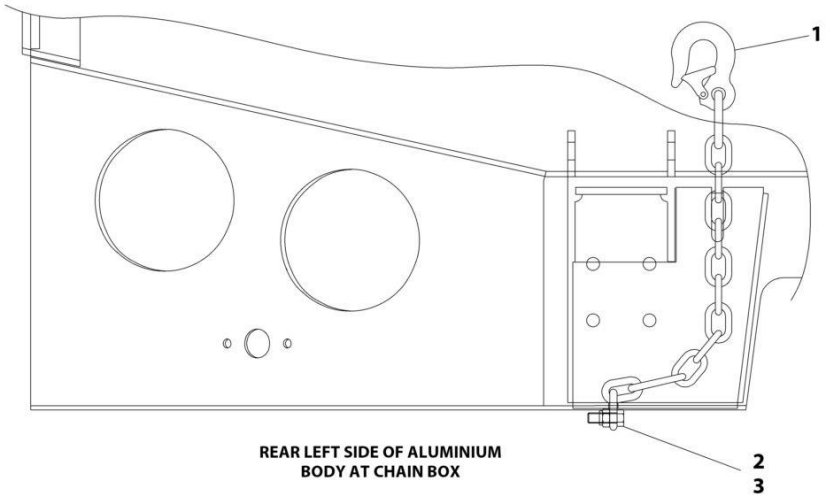
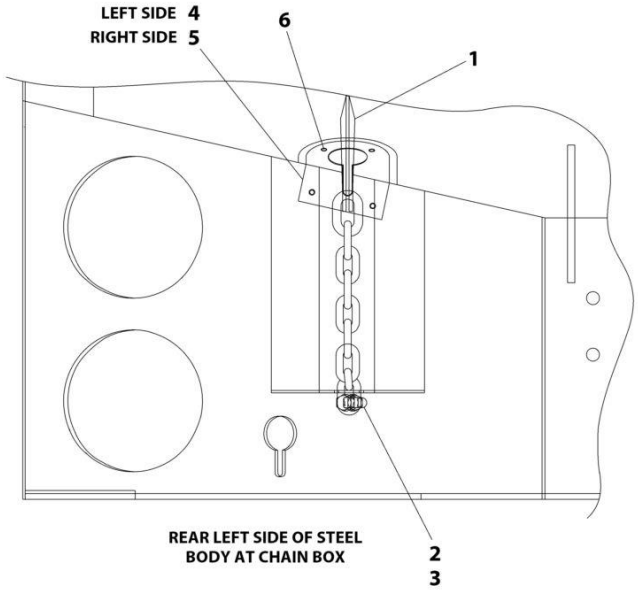


FIGURE 4-25. FENDER FLARE INSTALLATION - STEEL BODY (4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080164	Ref	FIBER GLASS FLARES INSTALLATION	0
1	7415000017	1	Flare, Fender (RH)	
2	7415000018	1	Flare, Fender (LH)	
3	7790141056	16	Screw 1/4 x 5/8	
4	7950140141	16	Washer 1/4	

FIGURE 4-26. CHAIN & GUARD INSTALLATION





ART_2262870001

FIGURE 4-26. CHAIN & GUARD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2262870001	Ref	CHAIN AND GUARD INSTALLATION	C
1	7262000040	2	Chain	
2	7115171050	2	Bolt 7/16 x 1-1/4	
3	7660172600	2	Nut 7/16	
4	4314000030	1	Cover Plate - LH	
5	4314000029	1	Cover Plate - RH	
6	7759000007	8	Drive Rivet	

FIGURE 4-27. PYLON INSTALLATION - 17IN

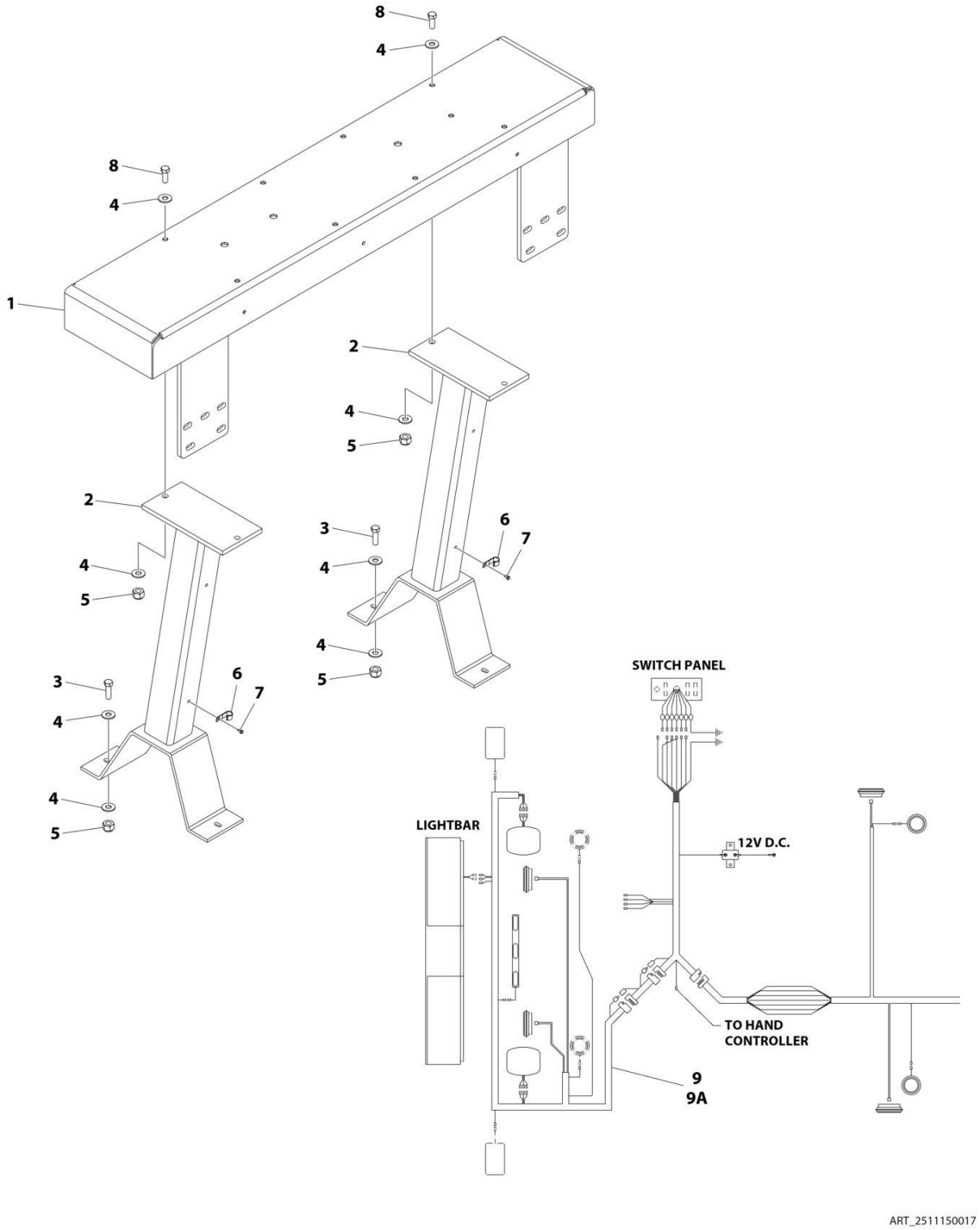


FIGURE 4-27. PYLON INSTALLATION - 17IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511150017	Ref	PYLON INSTALLATION	F
1	3263000011	1	Channel	
2	3178000060	2	Bracket	
3	7115161050	4	Bolt 3/8 x 1-1/4	
4	7950150161	16	Washer 5/16	
5	7660162601	8	Nut 3/8	
6	7280000006	2	Clip	
7	7790100856	2	Screw #10 x 1/2	
8	7115160850	4	Bolt 3/8 x 1	
9	2502330285	1	Wiring Installation	
9A	7552000239	1	Harness, Pylon Light (See Separate Breakdown in this Section)	

FIGURE 4-28. PYLON INSTALLATION - 20IN

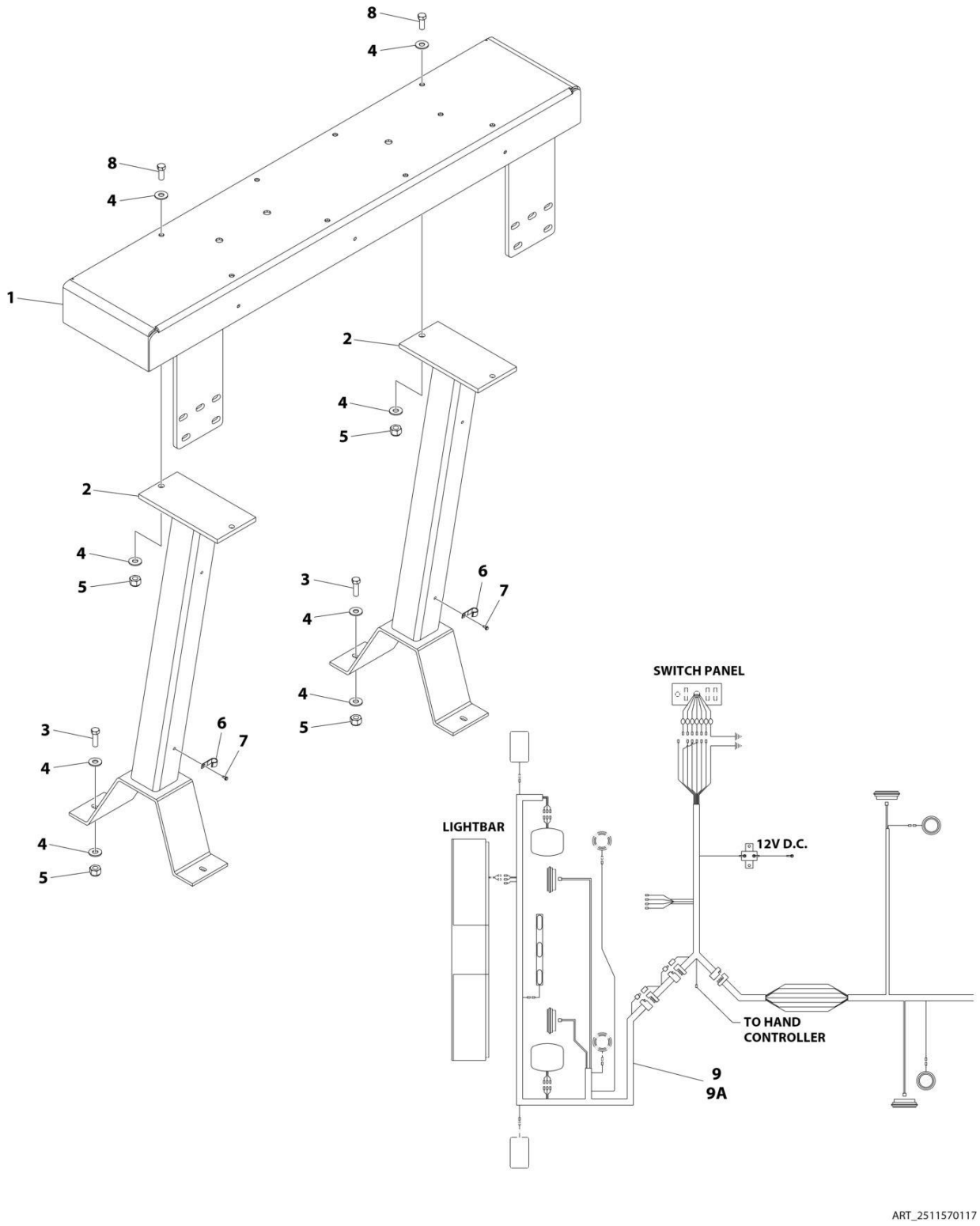


FIGURE 4-28. PYLON INSTALLATION - 20IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511570117	Ref	WINCH MOUNTED LIGHT PYLON	A
1	3263000011	1	Channel	
2	3178000530	2	Bracket	
3	7115161050	4	Bolt 3/8 x 1-1/4	
4	7950150161	16	Washer 5/16	
5	7660162601	8	Nut 3/8	
6	7280000006	2	Clip	
7	7790100856	2	Screw #10 x 1/2	
8	7115160850	4	Bolt 3/8 x 1	
9	2502330285	1	Wiring Installation	
9A	7552000239	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-29. PYLON INSTALLATION - 24IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230002518 through 0230009713)

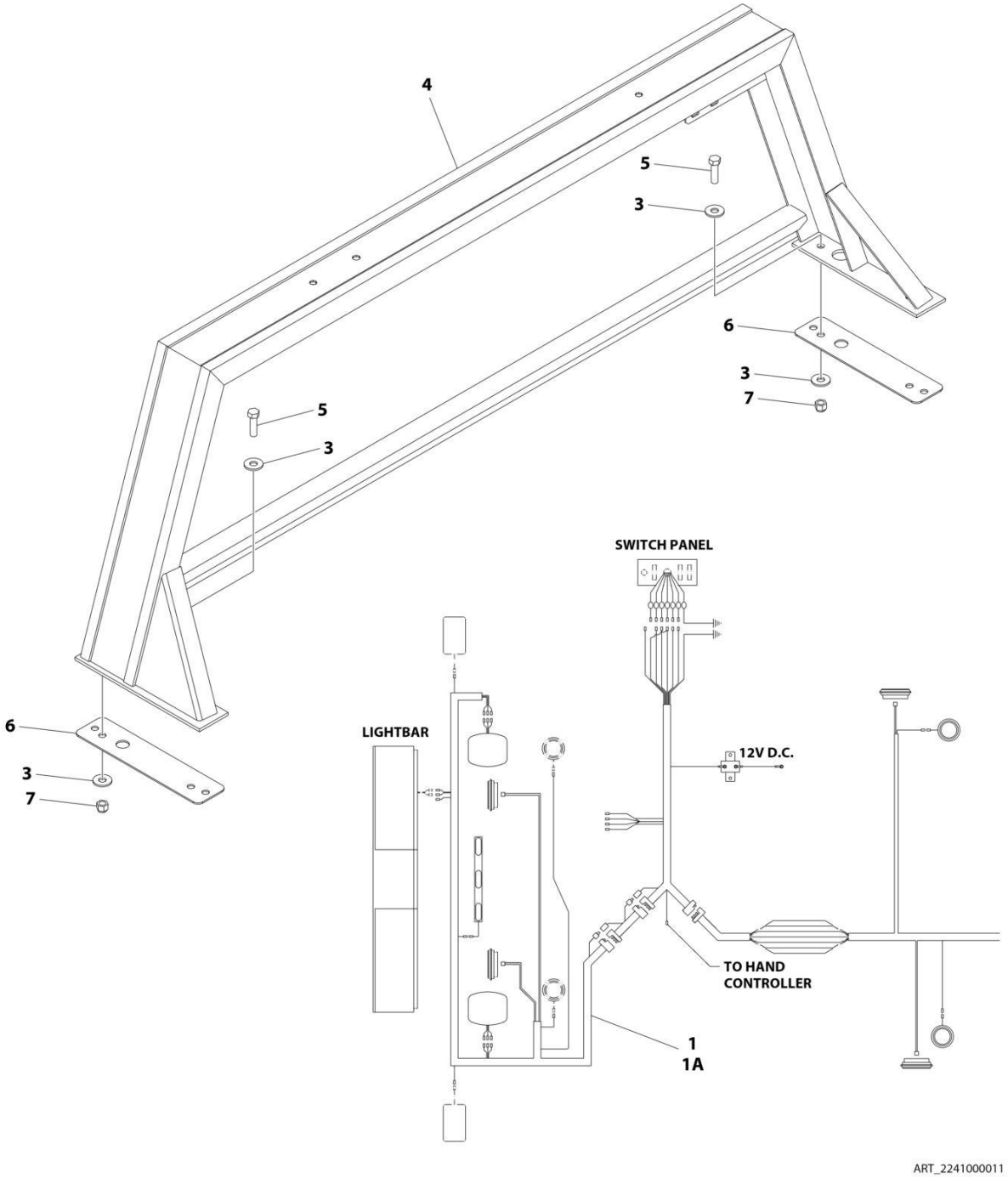


FIGURE 4-29. PYLON INSTALLATION - 24IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000011	Ref	HEADBOARD - TOOLBOX MOUNT	D
1	2502330284	1	Wiring, Headboard	
1A	7552000238	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
3	7950180161	8	Washer 1/2	
4	3241000037	1	Headboard	
5	7115181450	4	Bolt 1/2 x 1-3/4	
6	7796000047	2	Gasket	
7	7660182601	4	Nut 1/2	

FIGURE 4-30. PYLON INSTALLATION - 24IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

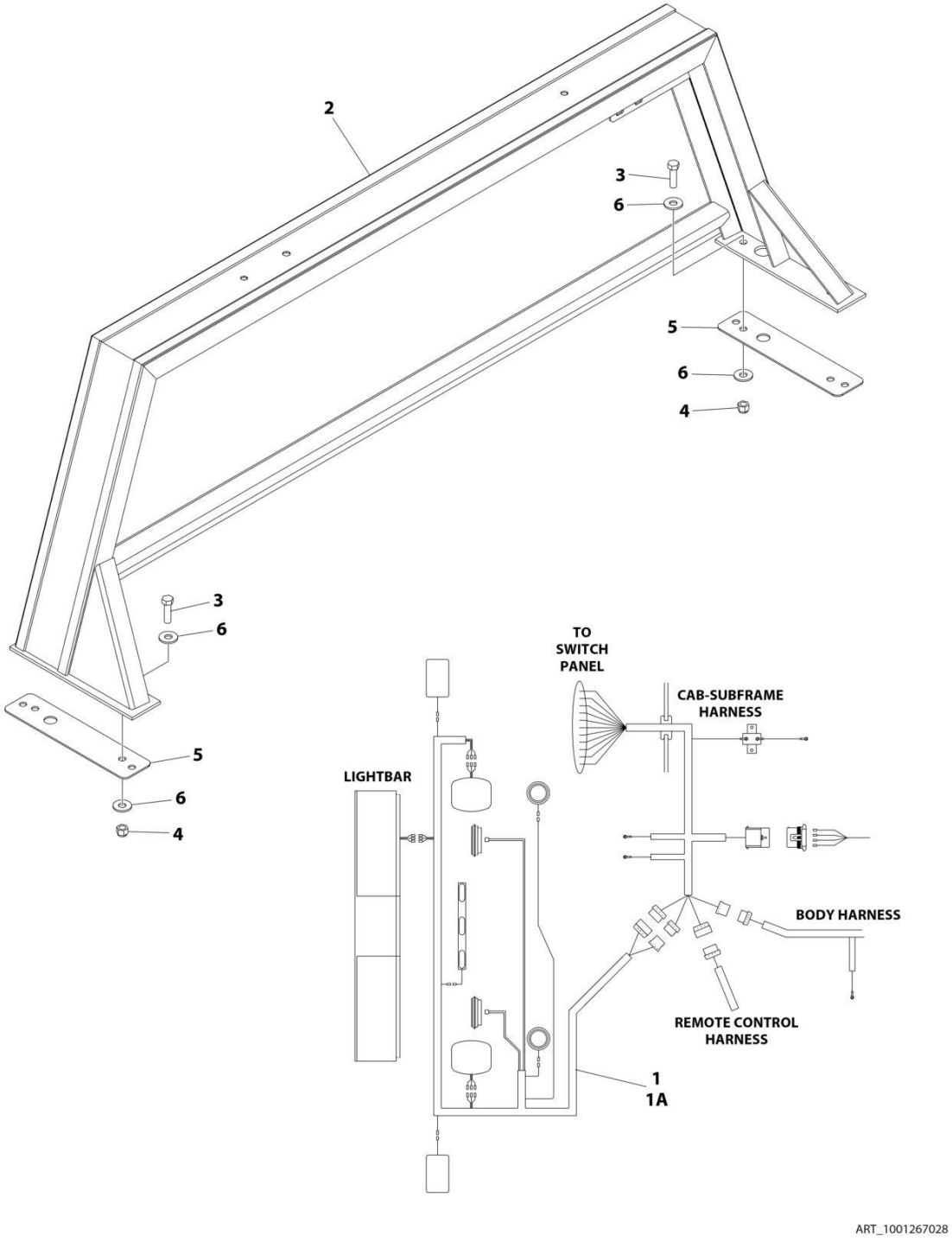


FIGURE 4-30. PYLON INSTALLATION - 24IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267028	Ref	HEADBOARD - TOOLBOX MOUNT	A
1	1001266958	1	Wiring, Headboard	
1A	1001266466	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
2	3241000037	1	Headboard	
3	7115181450	4	Bolt 1/2 x 1-3/4	
4	7660182601	4	Nut 1/2	
5	7796000047	2	Gasket	
6	7950180161	8	Washer 1/2	

FIGURE 4-31. PYLON INSTALLATION - 24IN TOOLBOX MOUNTED (STEEL BODY)

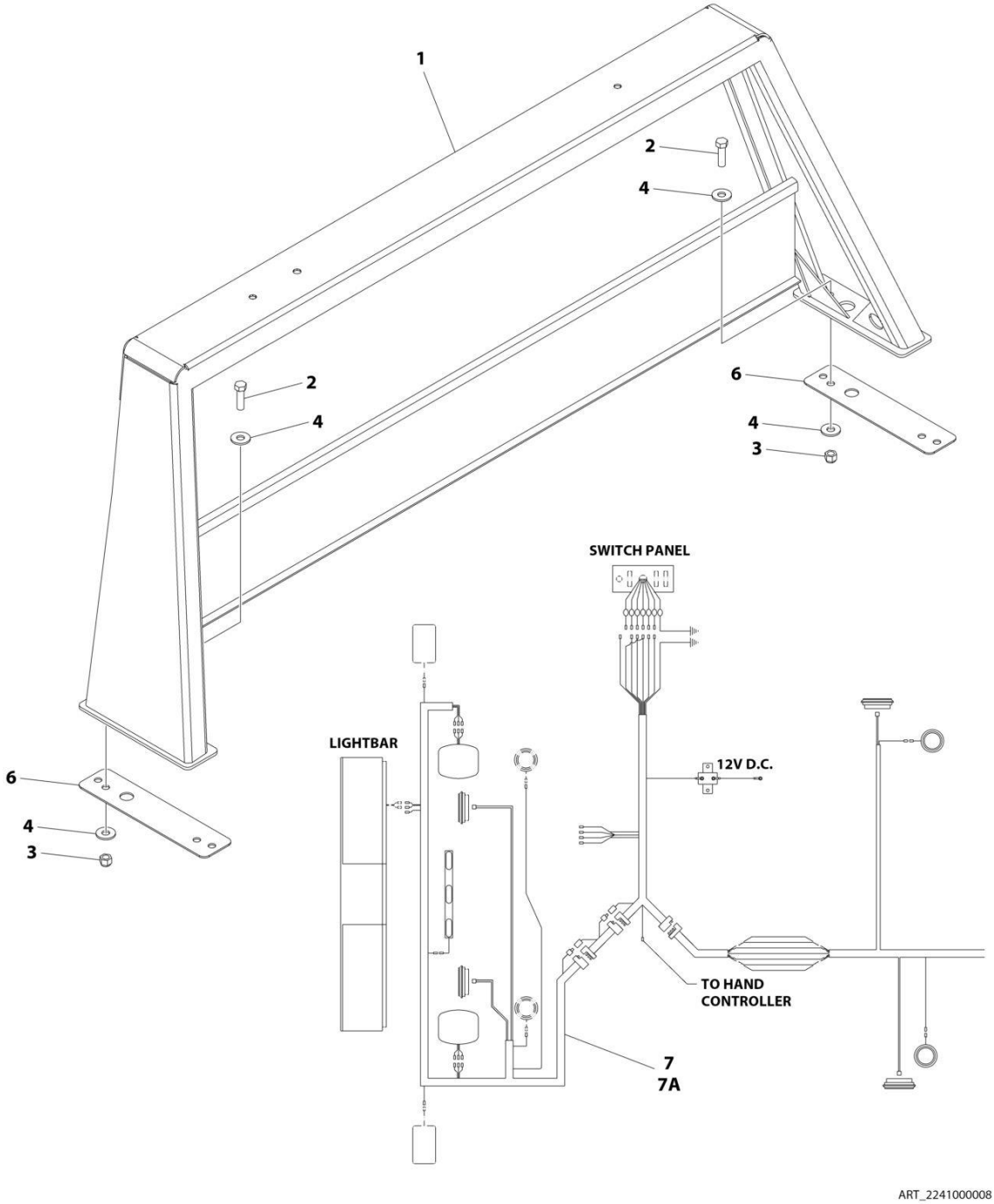


FIGURE 4-31. PYLON INSTALLATION - 24IN TOOLBOX MOUNTED (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000008	Ref	HEADBOARD - TOOLBOX MOUNT	B
1	3241000034	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
3	7660182601	4	Nut 1/2	
4	7950180161	8	Washer 1/2	
6	7796000047	2	Gasket	
7	2502330284	1	Wiring, Headboard	
7A	7552000238	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-32. PYLON INSTALLATION - 27IN

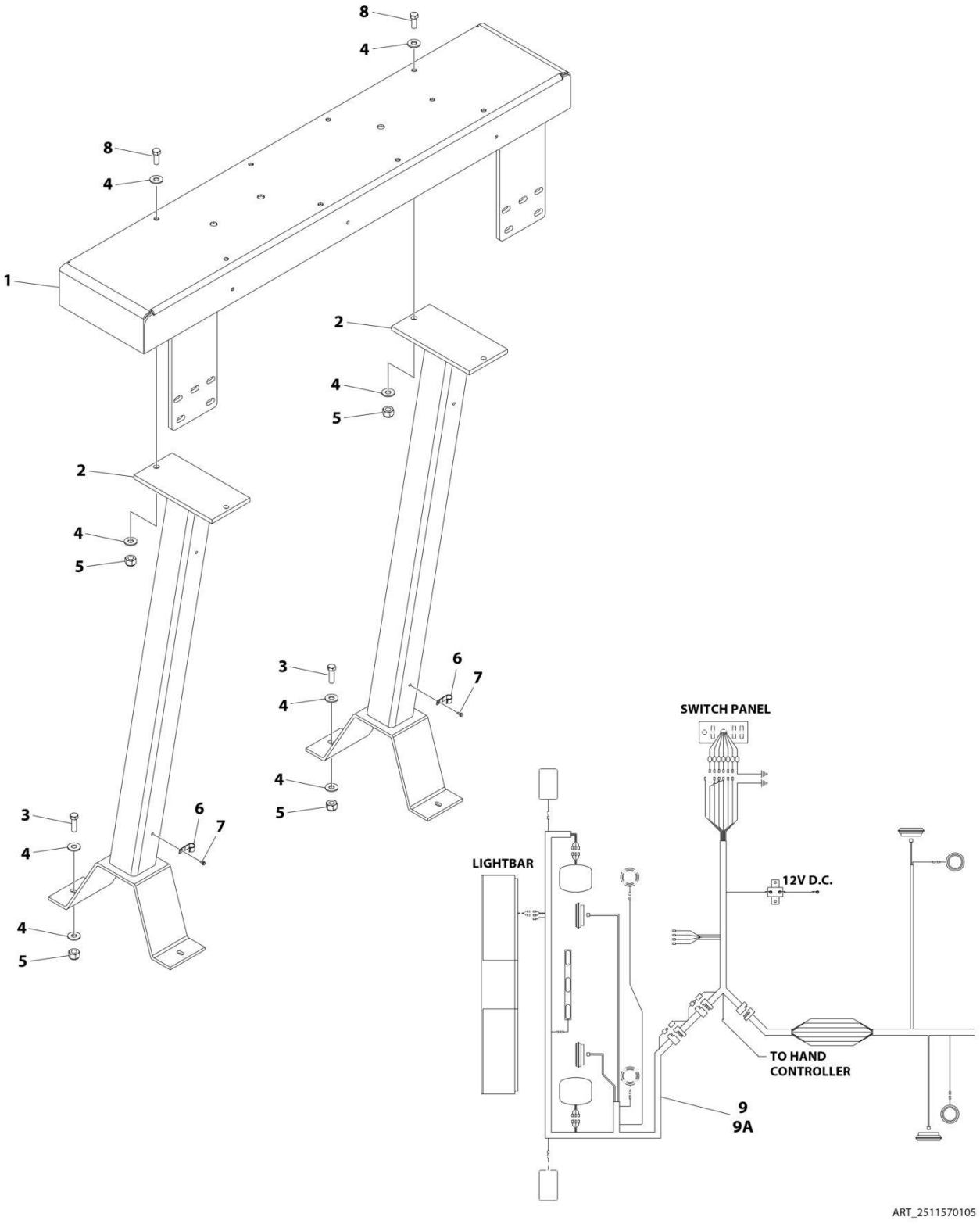


FIGURE 4-32. PYLON INSTALLATION - 27IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511570105	Ref	WINCH MOUNTED LIGHT PYLON	E
1	3263000011	1	Channel	
2	3178000100	2	Bracket	
3	7115161050	4	Bolt 3/8 x 1-1/4	
4	7950150161	16	Washer 5/16	
5	7660162601	8	Nut 3/8	
6	7280000006	2	Clip	
7	7790100856	2	Screw #10 x 1/2	
8	7115160850	4	Bolt 3/8 x 1	
9	2502330285	1	Wiring Installation	
9A	7552000239	1	Harness, Pylon Light (See Separate Breakdown in ELECTICAL Section)	

FIGURE 4-33. PYLON INSTALLATION - 27IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230002518 through 0230009713)

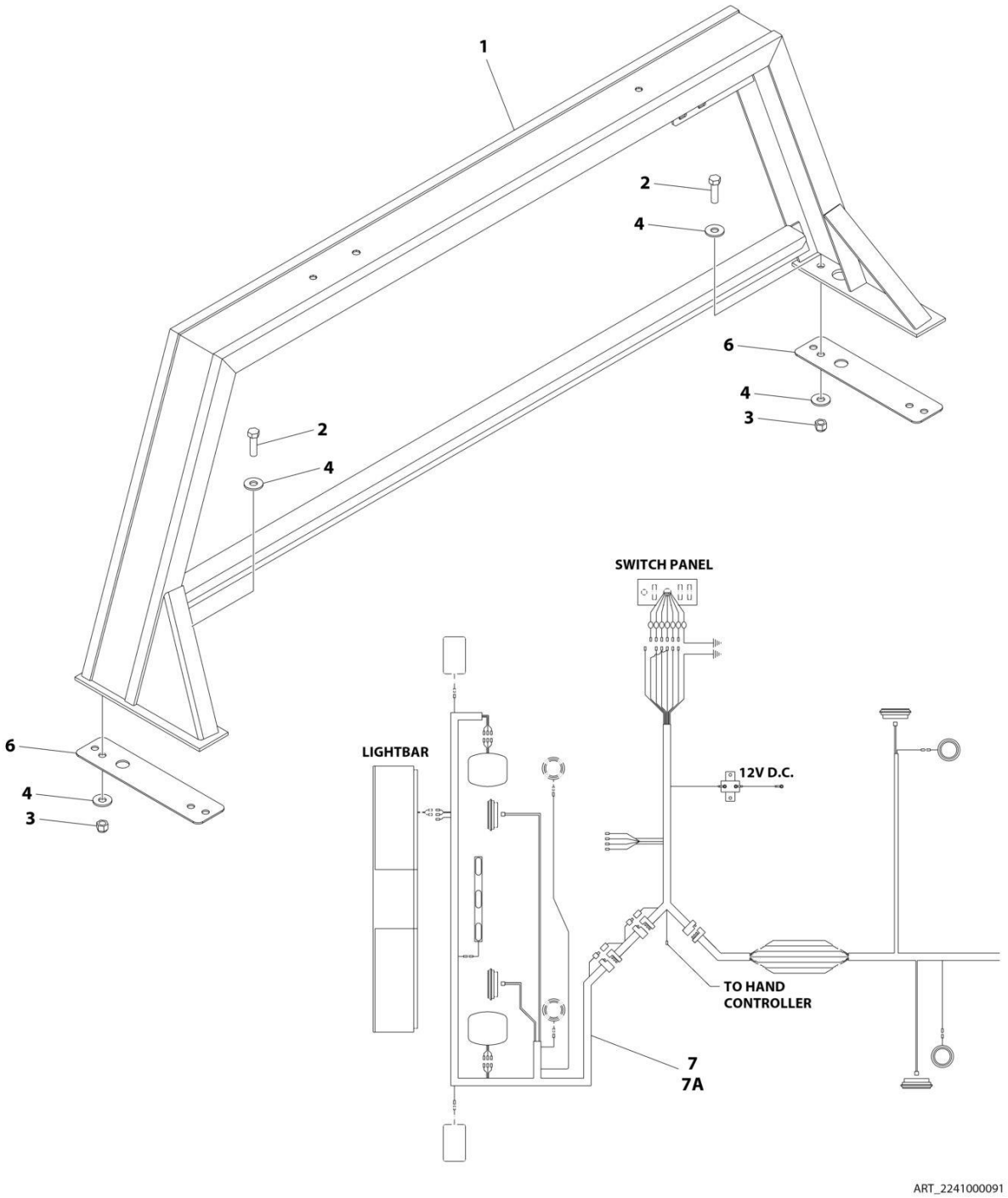


FIGURE 4-33. PYLON INSTALLATION - 27IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000091	Ref	HEADBOARD - TOOLBOX MOUNT	C
1	3241000188	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
3	7660182601	4	Nut 1/2	
4	7950180161	8	Washer 1/2	
6	7796000047	2	Gasket	
7	2502330284	1	Wiring, Headboard	
7A	7552000238	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-34. PYLON INSTALLATION - 27IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

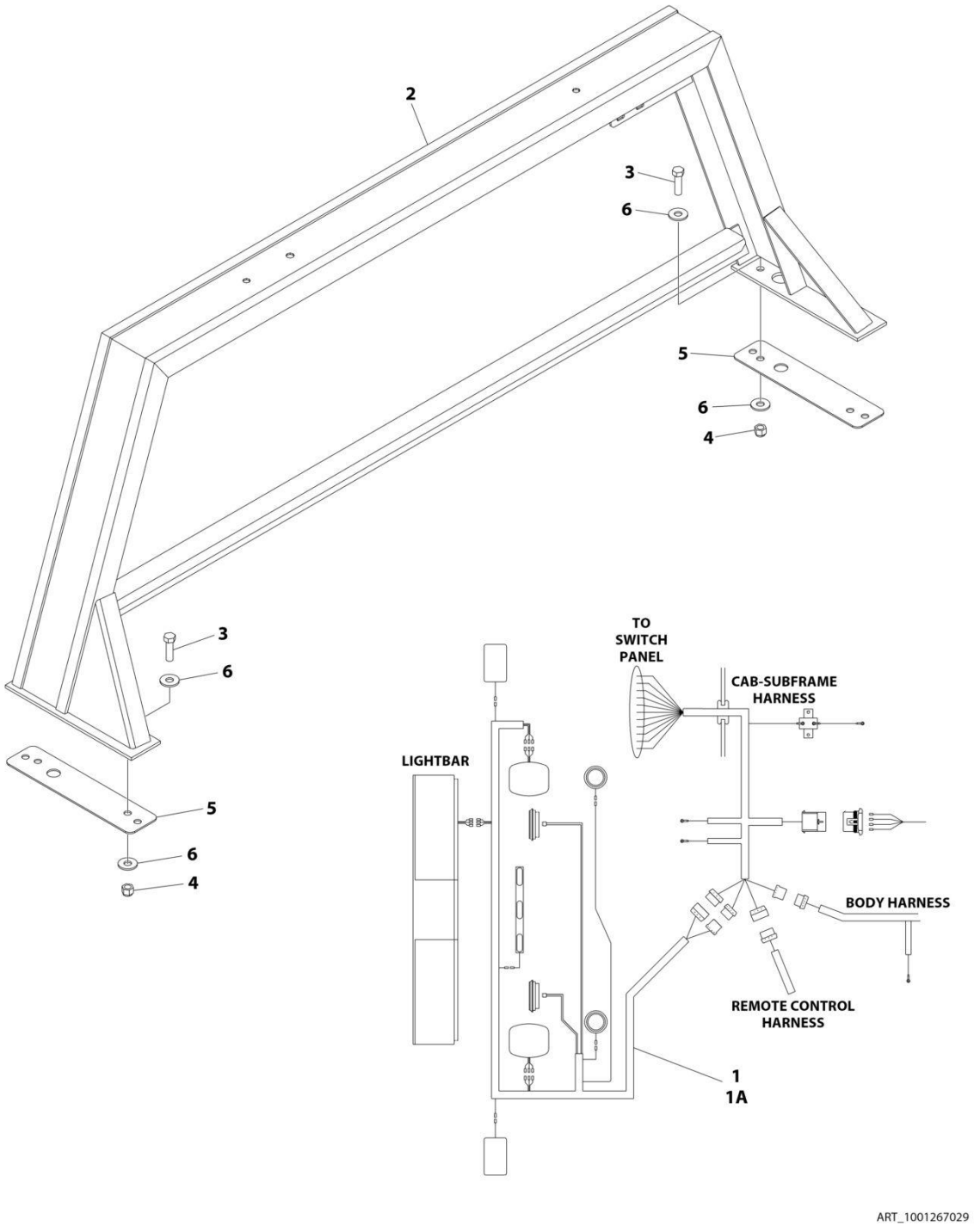


FIGURE 4-34. PYLON INSTALLATION - 27IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267029	Ref	HEADBOARD - TOOLBOX MOUNT	A
1	1001266958	1	Wiring, Headboard	
1A	1001266466	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
2	3241000188	1	Headboard	
3	7115181450	4	Bolt 1/2 x 1-3/4	
4	7660182601	4	Nut 1/2	
5	7796000047	2	Gasket	
6	7950180161	8	Washer 1/2	

FIGURE 4-35. PYLON INSTALLATION - 27IN TOOLBOX MOUNTED (STEEL BODY)

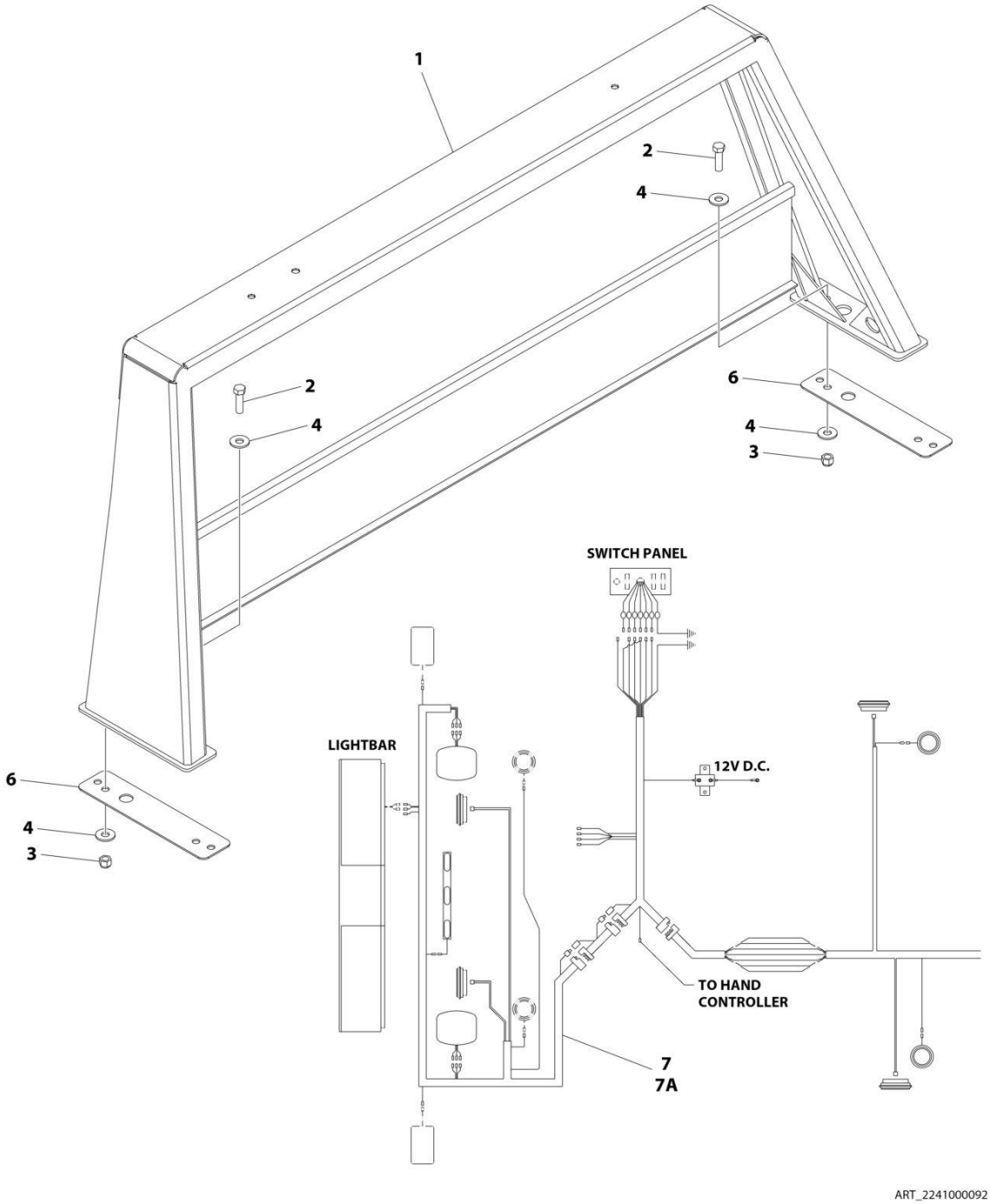


FIGURE 4-35. PYLON INSTALLATION - 27IN TOOLBOX MOUNTED (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000092	Ref	HEADBOARD - TOOLBOX MOUNT	A
1	3241000189	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
3	7660182601	4	Nut 1/2	
4	7950180161	8	Washer 1/2	
6	7796000047	2	Gasket	
7	2502330284	1	Wiring, Headboard	
7A	7552000238	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-36. PYLON INSTALLATION - 32IN

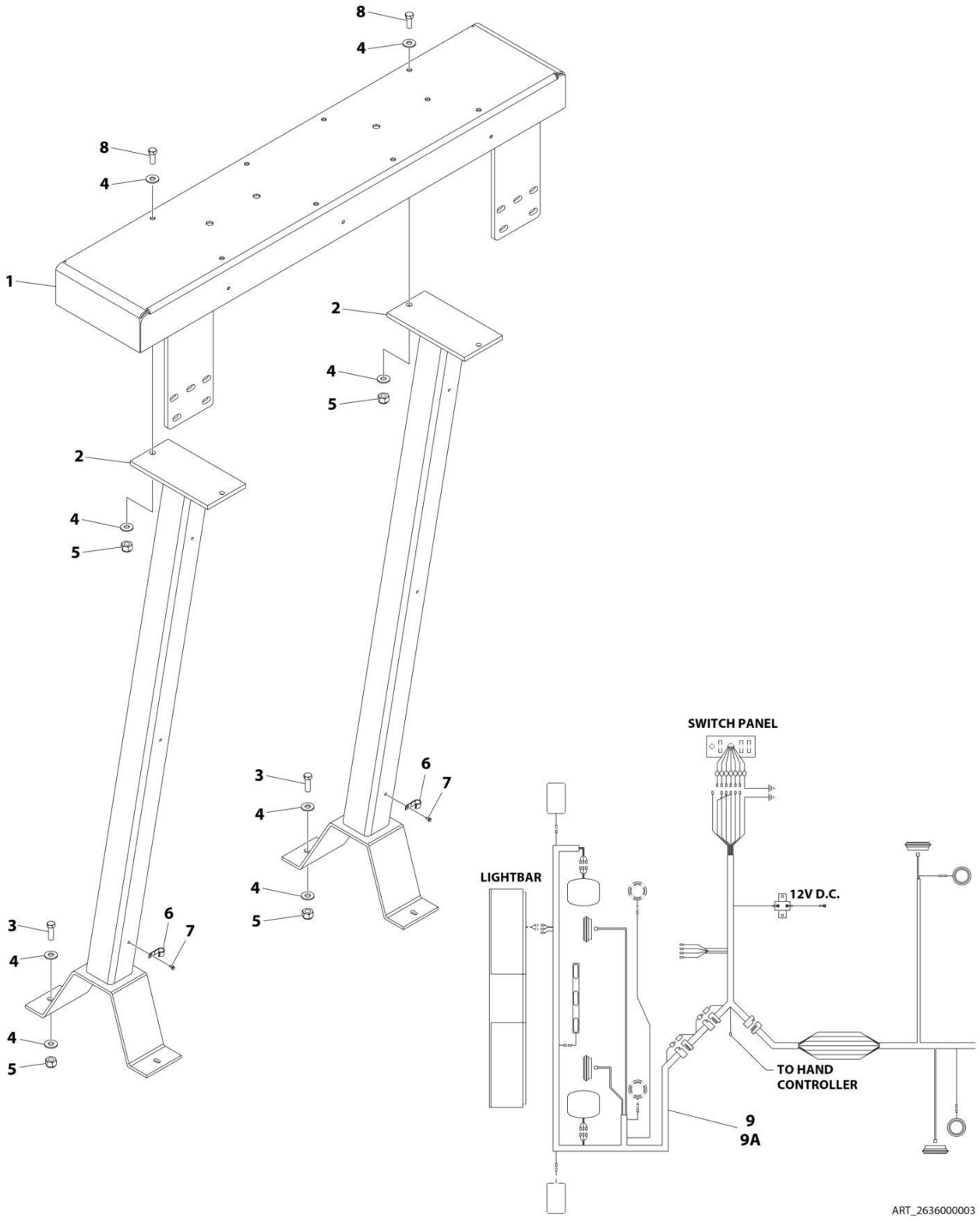


FIGURE 4-36. PYLON INSTALLATION - 32IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2636000003	Ref	WINCH MOUNTED LIGHT PYLON	B
1	3263000011	1	Channel	
2	3636000046	2	Bracket	
3	7115161050	4	Bolt 3/8 x 1-1/4	
4	7950150161	16	Washer 5/16	
5	7660162601	8	Nut 3/8	
6	7280000006	3	Clip	
7	7790100856	3	Screw #10 x 1/2	
8	7115160850	4	Bolt 3/8 x 1	
9	2502330285	1	Wiring Installation	
9A	7552000239	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-37. PYLON INSTALLATION - 34IN BODY MOUNTED (ALUMINUML BODY) (SN 0230002518 through 0230009713)

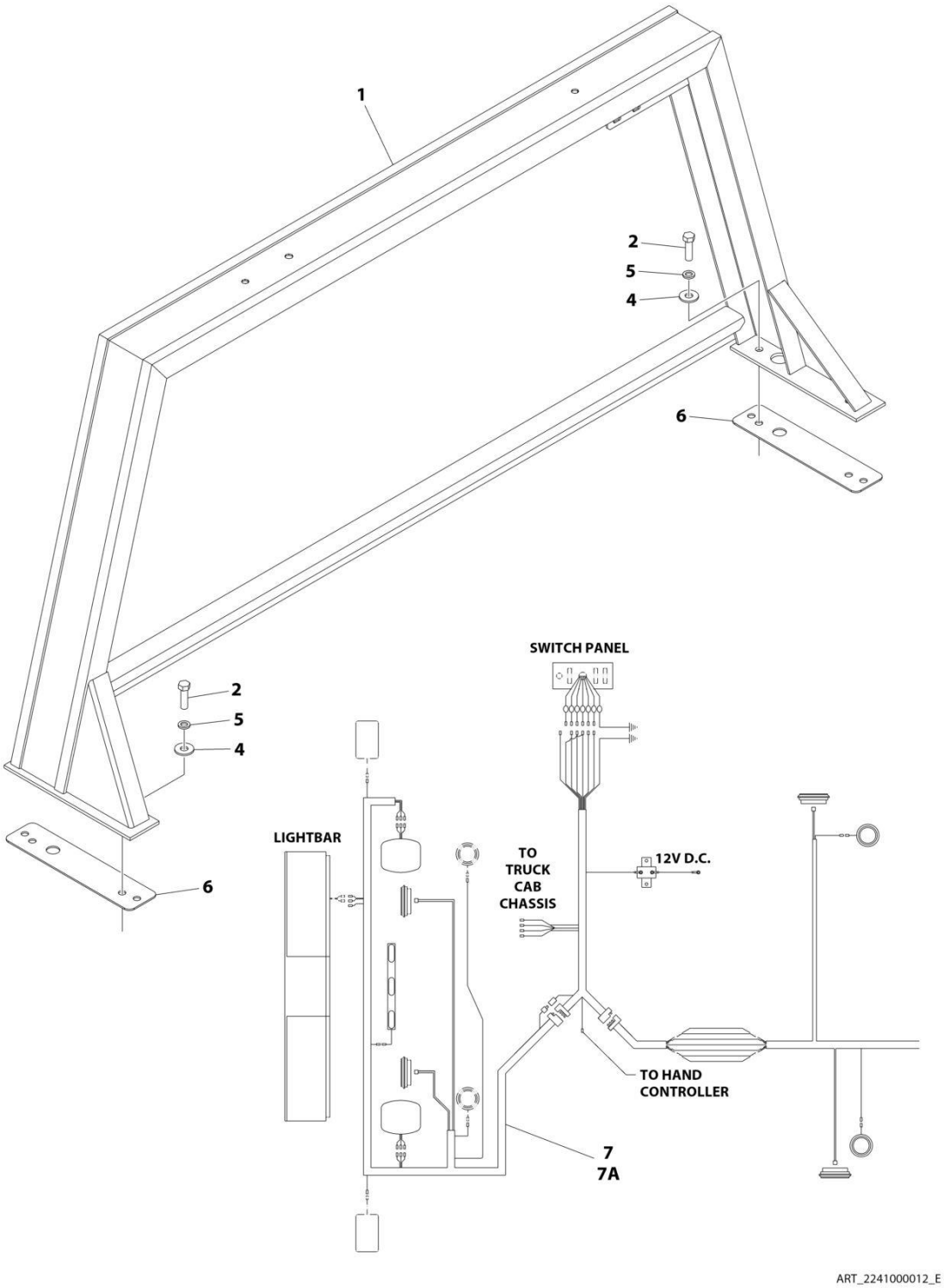


FIGURE 4-37. PYLON INSTALLATION - 34IN BODY MOUNTED (ALUMINUML BODY) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000012	Ref	HEADBOARD - BODY MOUNT	E
1	3241000038	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
4	7950180161	4	Washer 1/2	
5	7950180000	4	Washer 19/32	
6	7796000047	2	Gasket	
7	1001137205	1	Wiring, Headboard	
7A	7552000239	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
7B	7493000003	1	Grommet (Not Shown)	

FIGURE 4-38. PYLON INSTALLATION - 34IN BODY MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

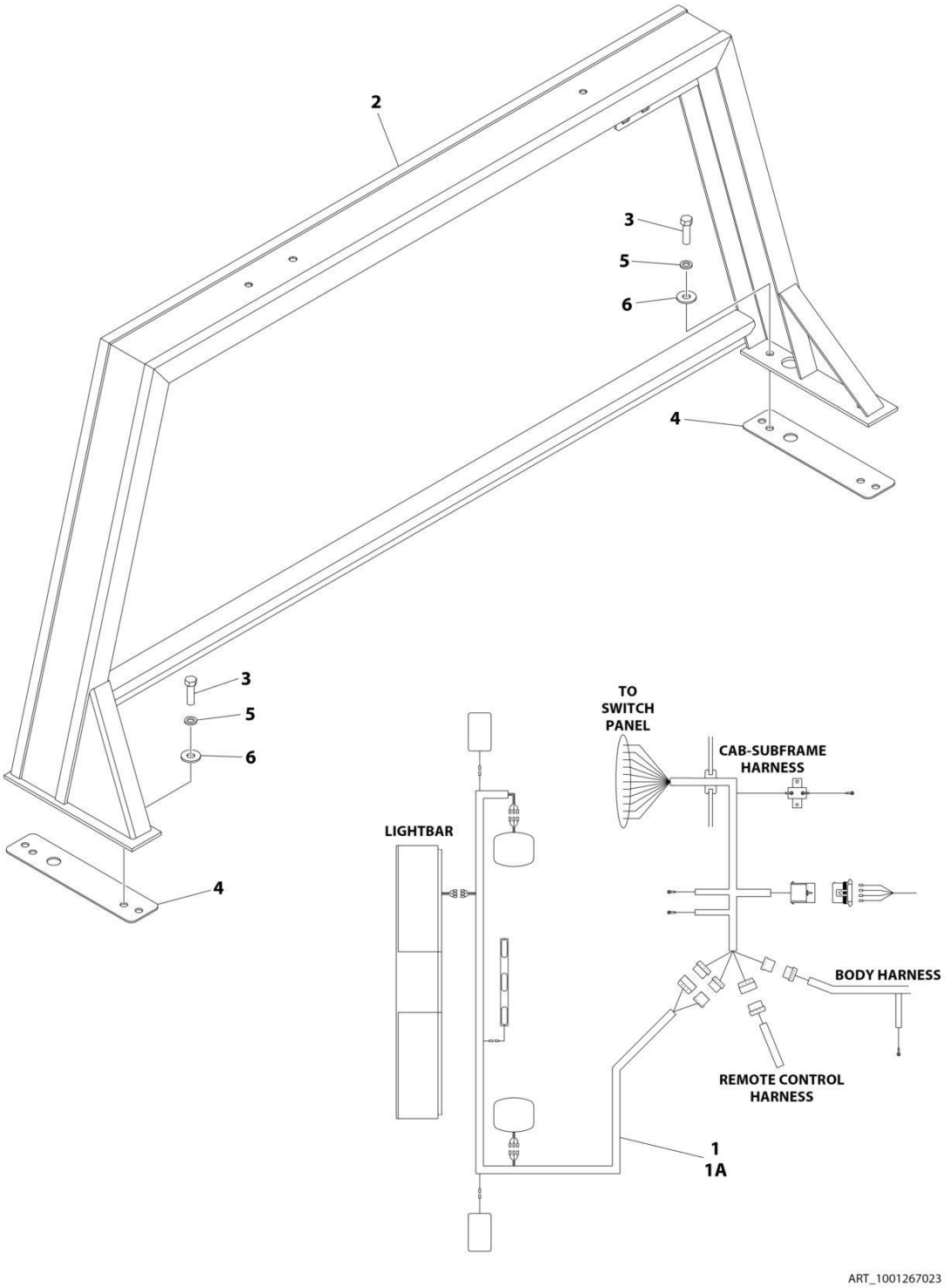


FIGURE 4-38. PYLON INSTALLATION - 34IN BODY MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267023	Ref	HEADBOARD - BODY MOUNT	A
1	1001266957	1	Wiring, Headboard	
1A	1001266076	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
2	3241000038	1	Headboard	
3	7115181450	4	Bolt 1/2 x 1-3/4	
4	7796000047	2	Gasket	
5	7950180000	4	Washer 19/32	
6	7950180161	4	Washer 1/2	

FIGURE 4-39. PYLON INSTALLATION - 37IN BODY MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

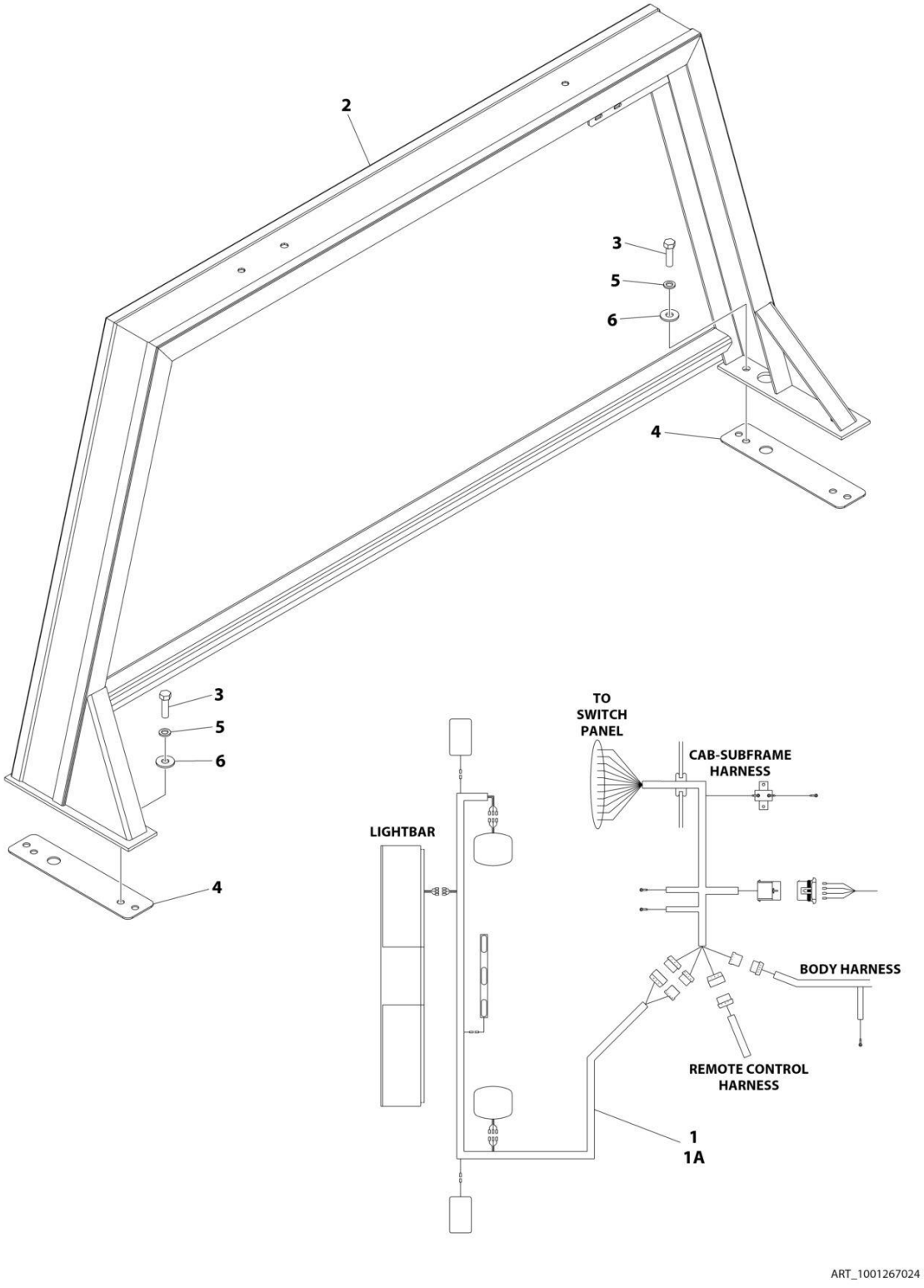


FIGURE 4-39. PYLON INSTALLATION - 37IN BODY MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267024	Ref	HEADBOARD - BODY MOUNT	A
1	1001266957	1	Wiring, Headboard	
1A	1001266076	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
2	3241000241	1	Headboard	
3	7115181450	4	Bolt 1/2 x 1-3/4	
4	7796000047	2	Gasket	
5	7950180000	4	Washer 19/32	
6	7950180161	4	Washer 1/2	

FIGURE 4-40. PYLON INSTALLATION - 37IN BODY MOUNTED WITH SIDE MARKERS (ALUMINUM BODY) (SN 0230002518 through 0230009713)

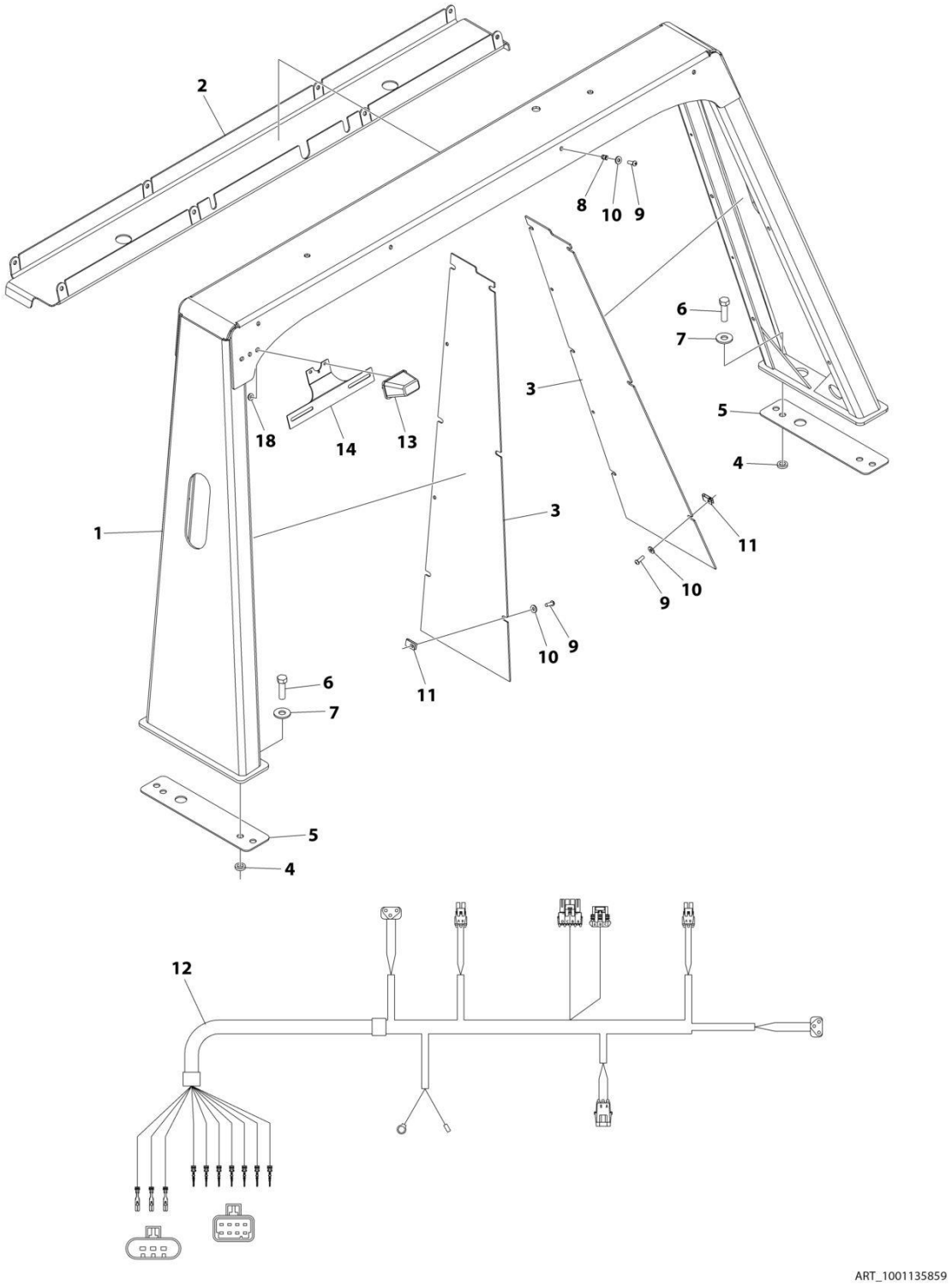


FIGURE 4-40. PYLON INSTALLATION - 37IN BODY MOUNTED WITH SIDE MARKERS (ALUMINUM BODY) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135859	Ref	PYLON INSTALLATION - 37IN BODY MOUNTED WITH SIDE MARKERS	C
1	1001135860	1	Bracket	
2	1001135862	1	Coverplate, Top	
3	4706005002	2	Cover Plate	
4	7949000058	4	Washer	
5	7796000047	2	Gasket	
6	7115181450	4	Bolt 1/2 x 1-3/4	
7	7950180161	4	Washer 1/2	
8	7413000002	8	Nut 1/4	
9	7114140618	20	Capscrew 1/4 x 3/4	
10	7950140143	20	Washer 1/4	
11	7661000019	12	U Nut 1/4	
12	1001135980	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
13	7590000105	1	Light	
14	7178000025	1	License Plate Bracket	
15	7346000039	AR	Tube (Not Shown)	
16	7894000042	1	Tie-Strap (Not Shown)	
17	5526000553	1	Tie-Strap (Not Shown)	
18	7950100163	2	Washer #10	

FIGURE 4-41. PYLON INSTALLATION - 37IN BODY MOUNTED WITH SIDE MARKERS (ALUMINUM BODY) (SN 0230009714 to Present)

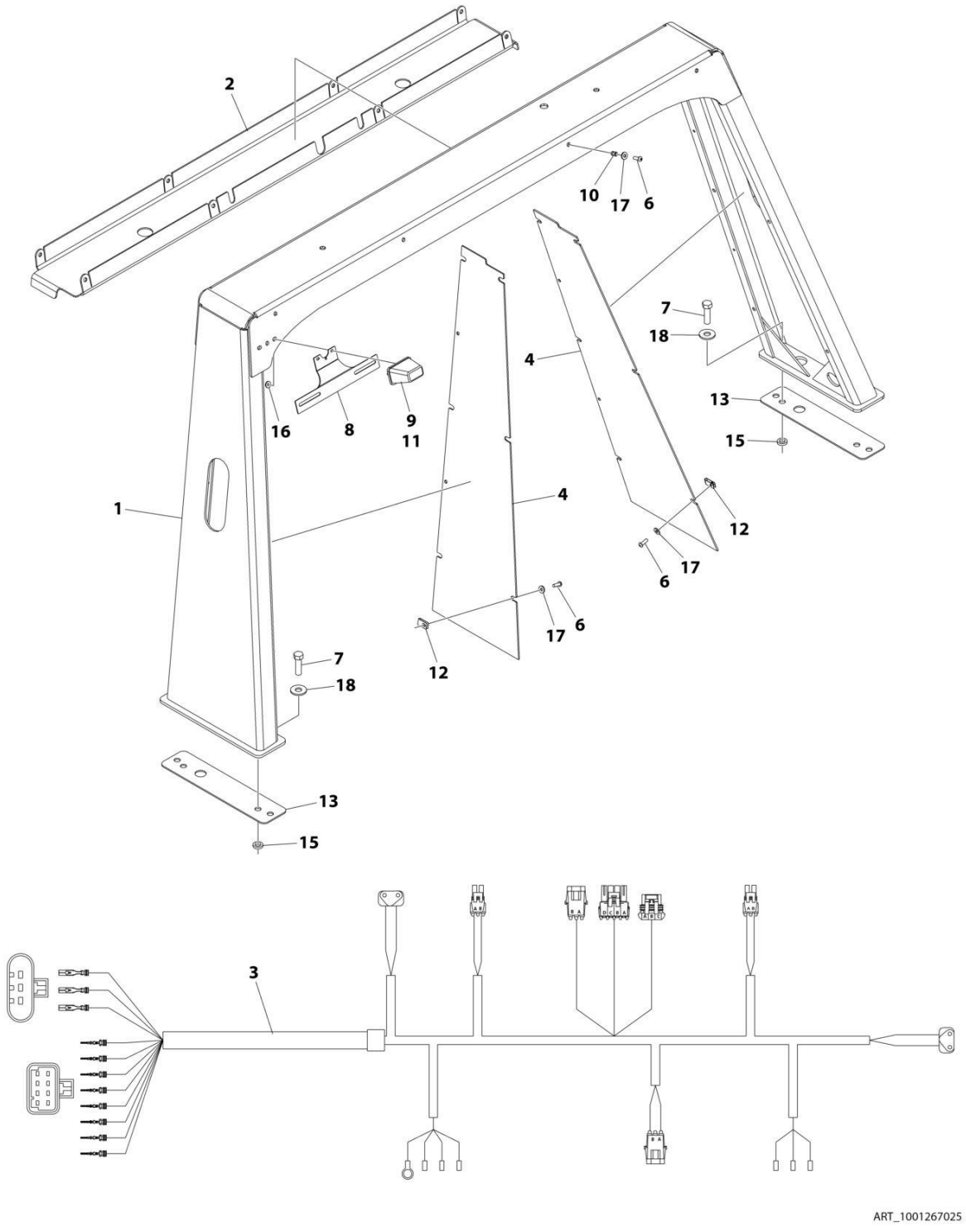


FIGURE 4-41. PYLON INSTALLATION - 37IN BODY MOUNTED WITH SIDE MARKERS (ALUMINUM BODY) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267025	Ref	PYLON INSTALLATION - 37IN BODY MOUNTED WITH SIDE MARKERS (ALUMINUM BODY)	A
1	1001135860	1	Bracket	
2	1001135862	1	Coverplate, Top	
3	1001266076	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
4	4706005002	2	Cover Plate	
5	5526000553	1	Tie-Strap (Not Shown)	
6	7114140618	20	Capscrew 1/4 x 3/4	
7	7115181450	4	Bolt 1/2 x 1-3/4	
8	7178000025	1	License Plate Bracket	
9	7346000039	AR	Tube	
10	7413000002	8	Nut 1/4	
11	7590000105	1	Light	
12	7661000019	12	U Nut 1/4	
13	7796000047	2	Gasket	
14	7894000042	1	Tie-Strap (Not Shown)	
15	7949000058	4	Washer	
16	7950100163	2	Washer #10	
17	7950140143	20	Washer 1/4	
18	7950180161	4	Washer 1/2	

FIGURE 4-42. PYLON INSTALLATION - 34IN BODY MOUNTED (STEEL BODY)

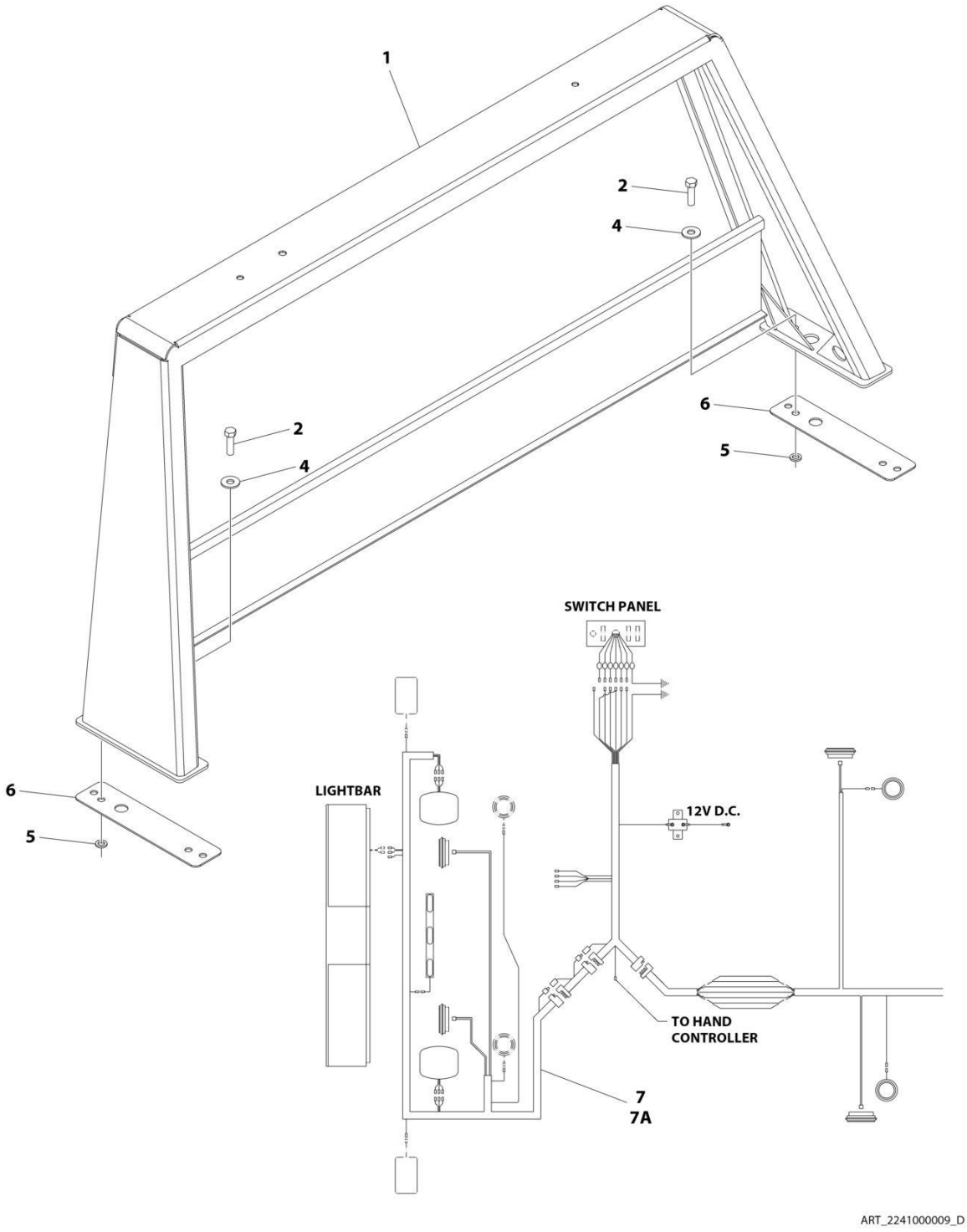


FIGURE 4-42. PYLON INSTALLATION - 34IN BODY MOUNTED (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000009	Ref	HEADBOARD - BODY MOUNT	D
1	3241000035	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
4	7950180161	4	Washer 1/2	
5	7950180000	4	Washer 19/32	
6	7796000047	2	Gasket	
7	1001137205	1	Wiring, Headboard	
7A	7552000239	1	Harness, Pylon Lights (See Separate Breakdown in ELECTRICAL Section)	
7B	7493000003	1	Grommet (Not Shown)	

FIGURE 4-43. PYLON INSTALLATION - 34IN TOOLBOX MOUNTED (ALUMINIM BODY) (SN 0230002518 through 0230009713)

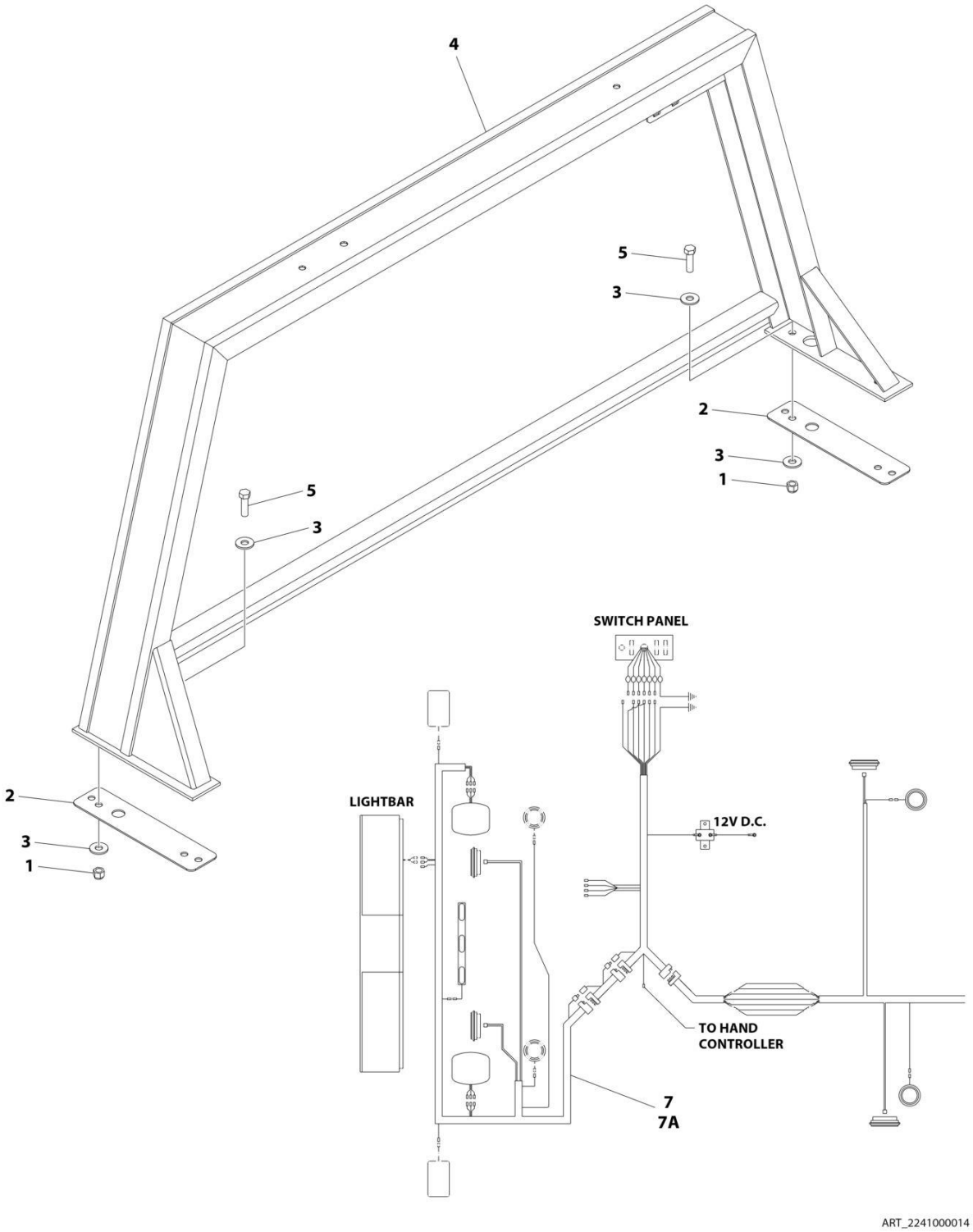


FIGURE 4-43. PYLON INSTALLATION - 34IN TOOLBOX MOUNTED (ALUMINIM BODY) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000014	Ref	HEADBOARD - TOOLBOX MOUNT	C
1	7660182601	4	Nut 1/2	
2	7796000047	2	Gasket	
3	7950180161	8	Washer 1/2	
4	3241000038	1	Headboard	
5	7115181450	4	Bolt 1/2 x 1-3/4	
7	2502330284	1	Wiring, Headboard	
7A	7552000238	1	Harness, Pylon Lights (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-44. PYLON INSTALLATION - 34IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

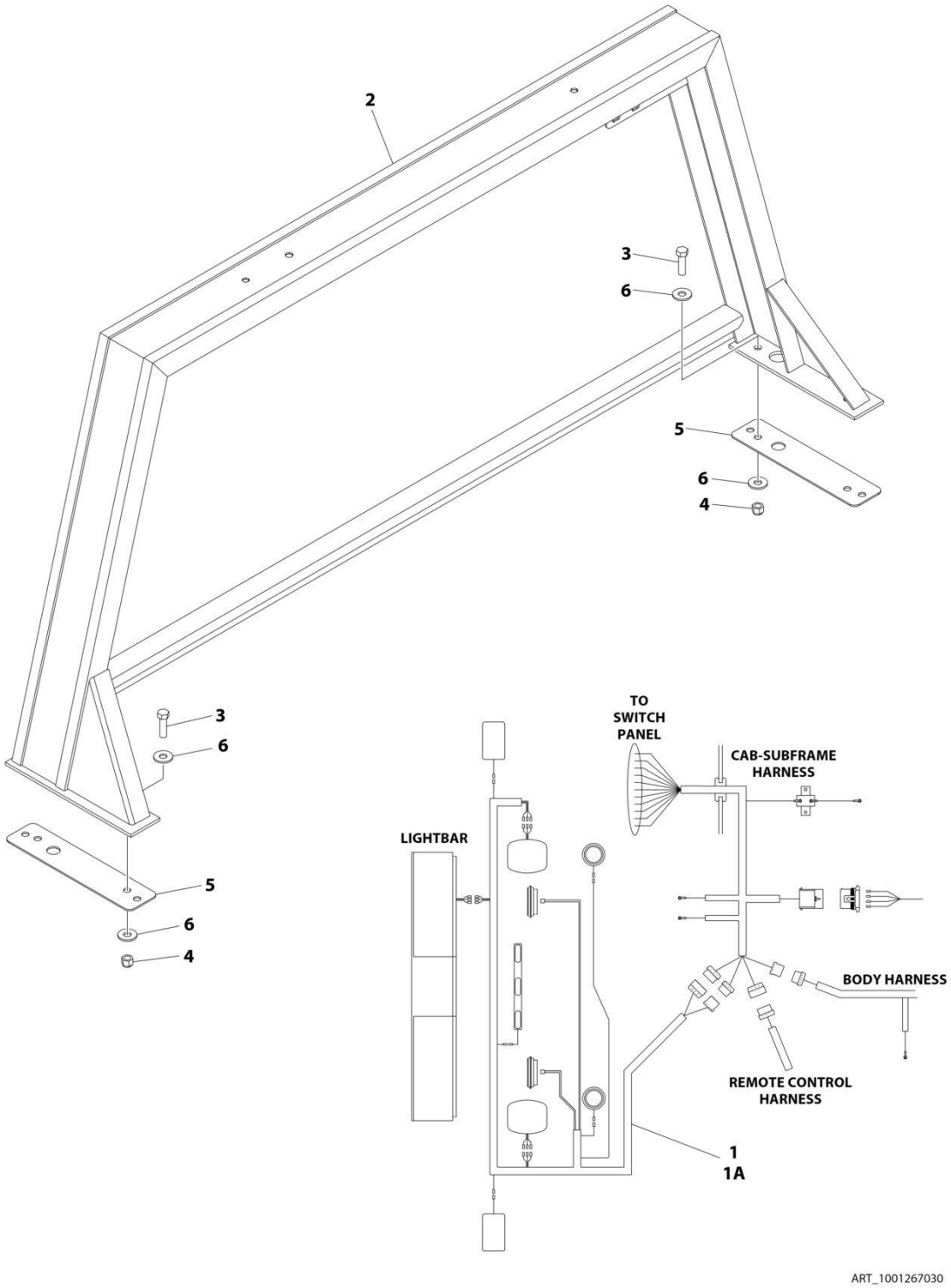


FIGURE 4-44. PYLON INSTALLATION - 34IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267030	Ref	HEADBOARD - TOOLBOX MOUNT	A
1	1001266958	1	Wiring, Headboard	
1A	1001266466	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
2	3241000038	1	Headboard	
3	7115181450	4	Bolt 1/2 x 1-3/4	
4	7660182601	4	Nut 1/2	
5	7796000047	2	Gasket	
6	7950180161	8	Washer 1/2	

FIGURE 4-45. PYLON INSTALLATION – 34IN TOOLBOX MOUNTED WITH SIDE MARKERS (ALUMINUM BODY) (SN 0230009714 to Present)

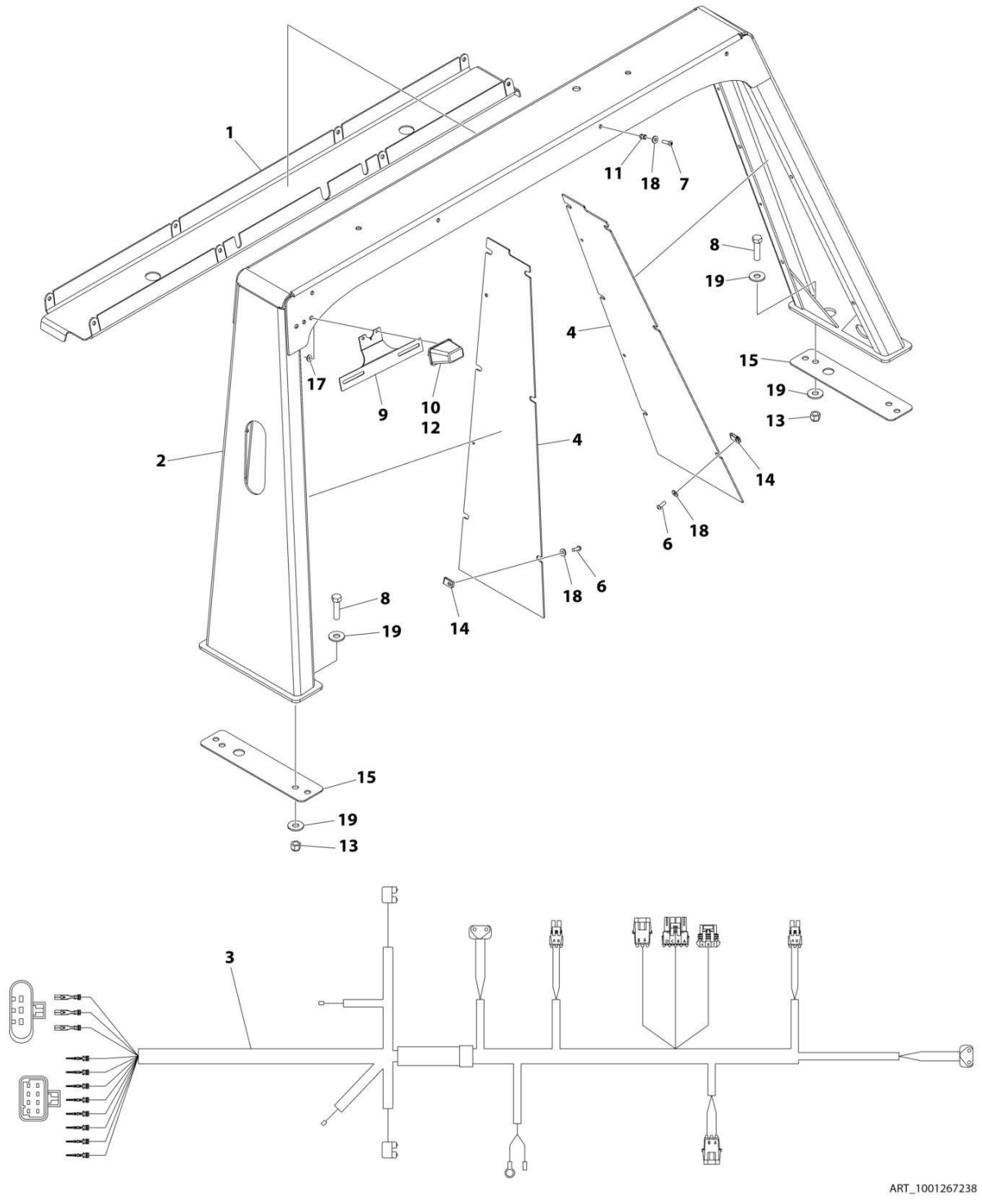


FIGURE 4-45. PYLON INSTALLATION – 34IN TOOLBOX MOUNTED WITH SIDE MARKERS (ALUMINUM BODY) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267238	Ref	PYLON INSTALLATION - 34IN TOOLBOX MOUNTED WITH SIDE MARKERS	B
1	1001135862	1	Coverplate, Top	
2	1001257163	1	Headboard	
3	1001271096	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
4	4314000224	2	Coverplate	
5	5526000553	10	Tie-Strap (Not Shown)	
6	7114140618	12	Capscrew 1/4 x 3/4	
7	7114140818	8	Capscrew 1/4 x 1	
8	7115181650	4	Bolt 1/2 x 2	
9	7178000025	1	License Plate Bracket	
10	7346000039	AR	Tube	
11	7413000002	8	Nut 1/4	
12	7590000105	1	Light	
13	7660182601	4	Nut 1/2	
14	7661000019	12	U Nut 1/4	
15	7796000047	2	Gasket	
16	7894000042	6	Tie-Strap (Not Shown)	
17	7950100163	2	Washer #10	
18	7950140143	20	Washer 1/4	
19	7950180161	8	Washer 1/2	

FIGURE 4-46. PYLON INSTALLATION - 34IN TOOLBOX MOUNTED (STEEL BODY)

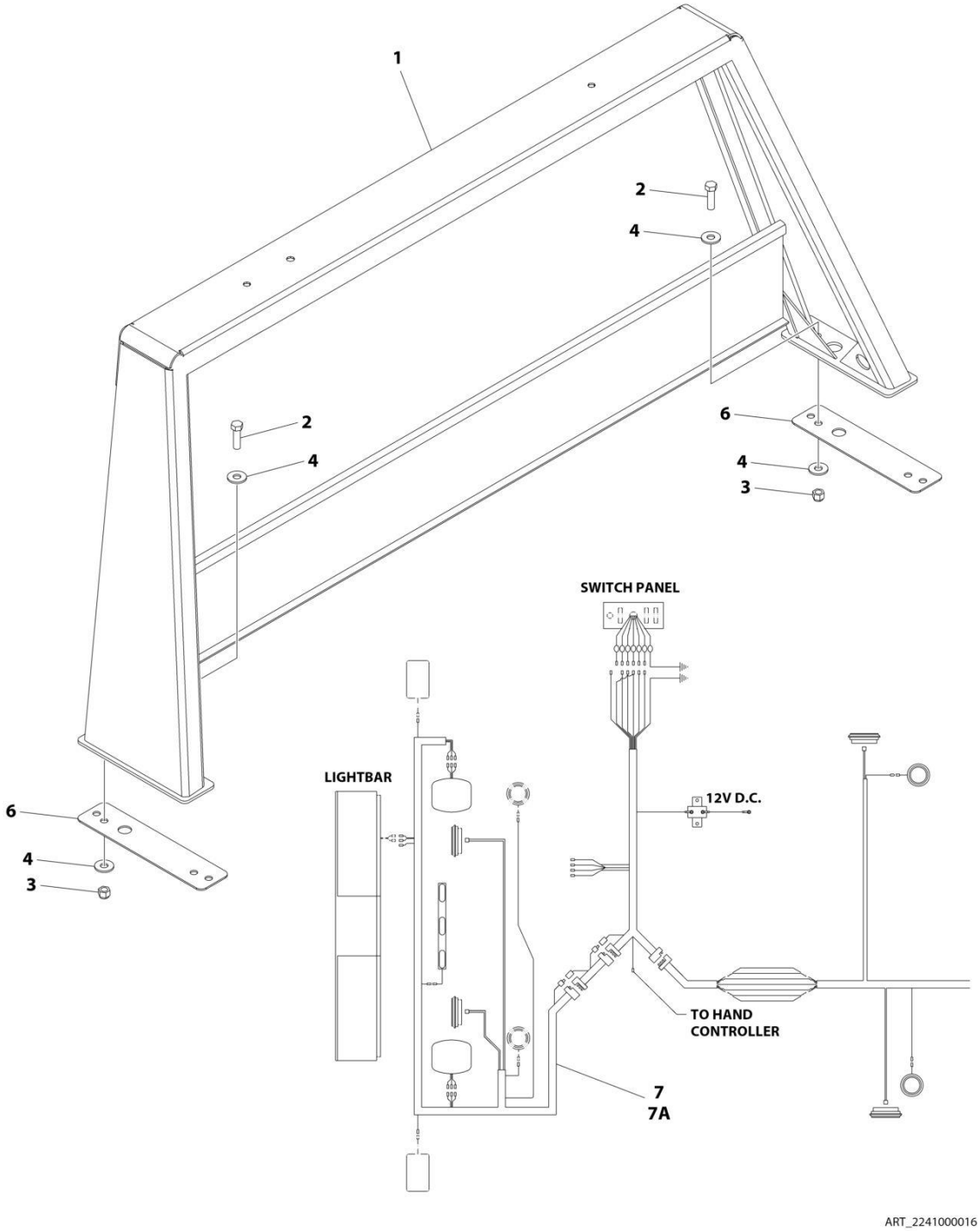


FIGURE 4-46. PYLON INSTALLATION - 34IN TOOLBOX MOUNTED (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000016	Ref	HEADBOARD - TOOLBOX MOUNT	B
1	3241000035	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
3	7660182601	4	Nut 1/2	
4	7950180161	8	Washer 1/2	
6	7796000047	2	Gasket	
7	2502330284	1	Wiring, Headboard	
7A	7552000238	1	Harness, Pylon Lights (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-47. PYLON INSTALLATION - 37IN BODY MOUNTED (ALUMINUM BODY) (SN 0230002518 through 0230009713)

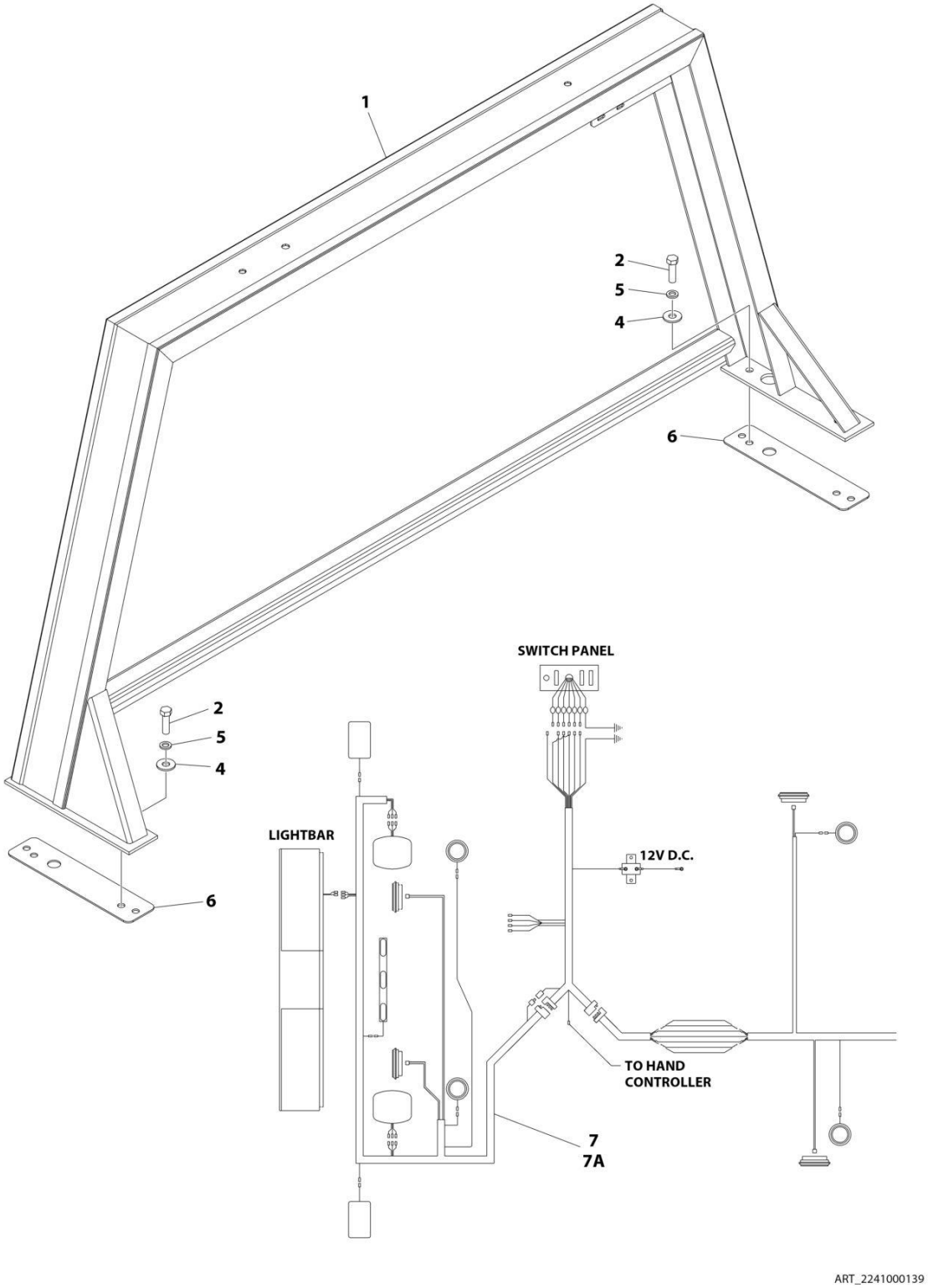


FIGURE 4-47. PYLON INSTALLATION - 37IN BODY MOUNTED (ALUMINUM BODY) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000139	Ref	HEADBOARD - BODY MOUNT	C
1	3241000241	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
4	7950180161	4	Washer 1/2	
5	7950180000	4	Washer 19/32	
6	7796000047	2	Gasket	
7	1001137205	1	Wiring, Headboard	
7A	7552000239	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
7B	7493000003	1	Grommet (Not Shown)	

FIGURE 4-48. PYLON INSTALLATION - 37IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230002518 through 0230009713)

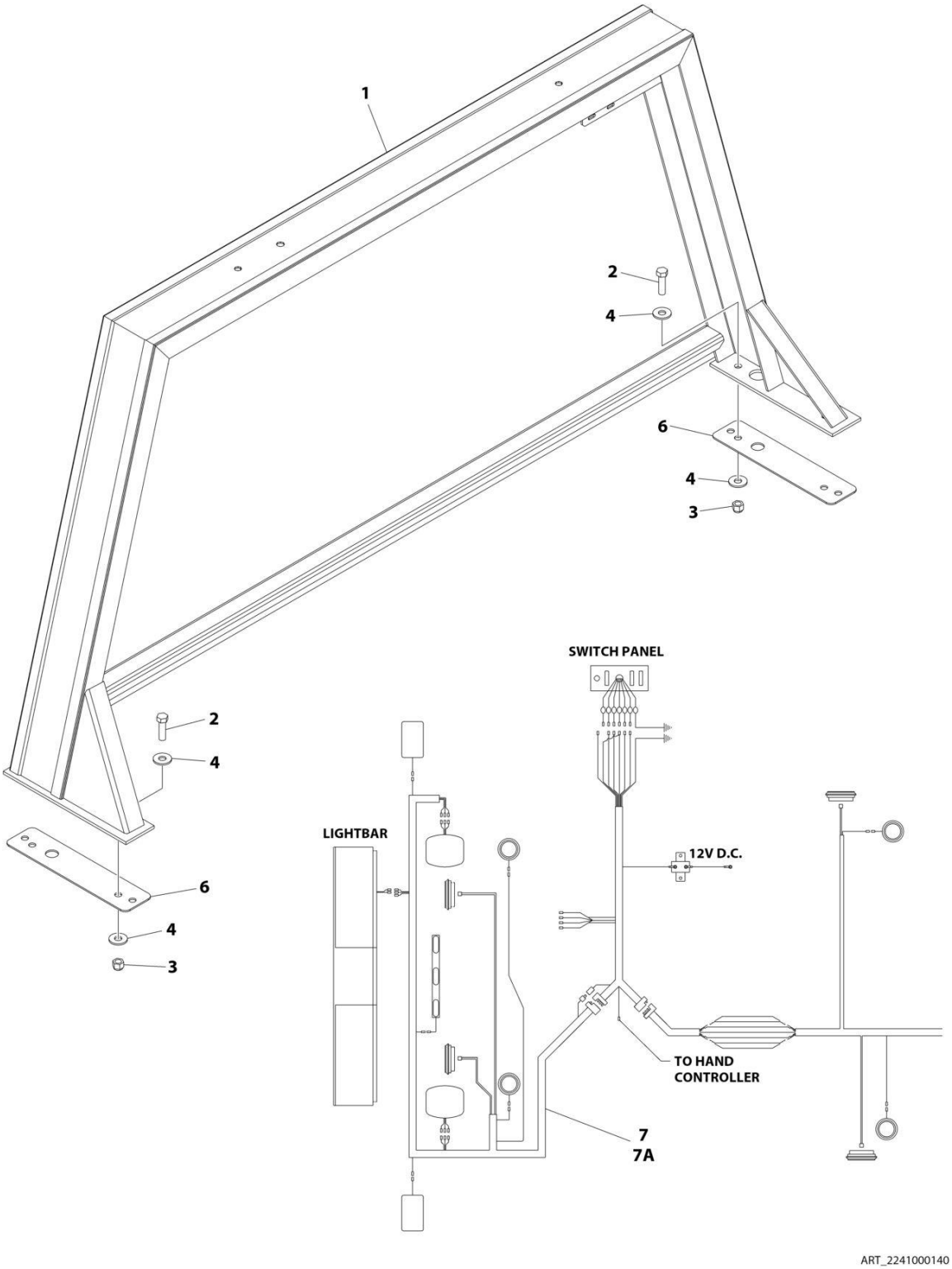


FIGURE 4-48. PYLON INSTALLATION - 37IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000140	Ref	HEADBOARD - TOOLBOX MOUNT	B
1	3241000241	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
3	7660182601	4	Nut 1/2	
4	7950180161	8	Washer 1/2	
6	7796000047	2	Gasket	
7	2502330284	1	Wiring, Headboard	
7A	7552000238	1	Harness, Pylon Lights (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-49. PYLON INSTALLATION - 37IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

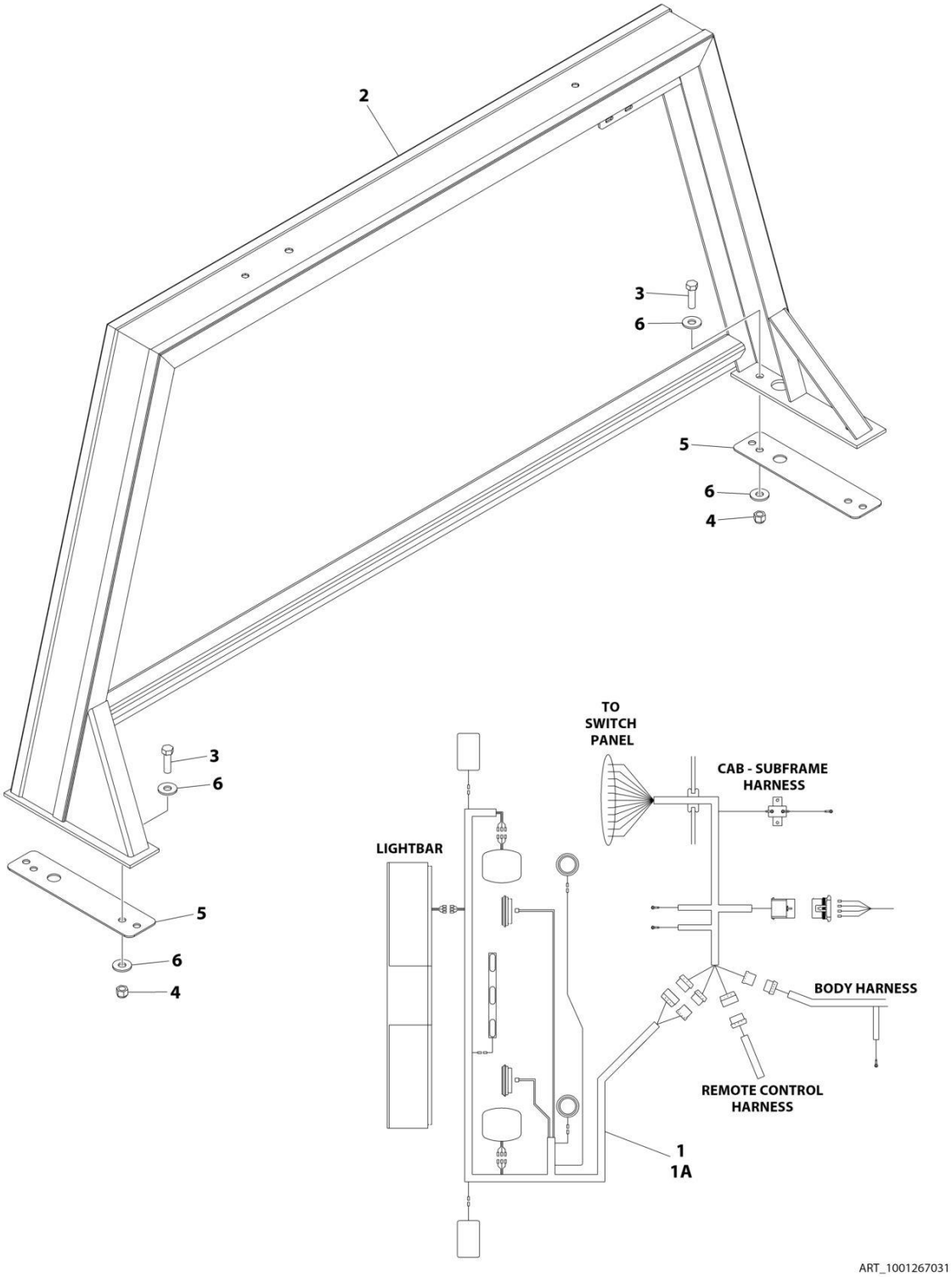


FIGURE 4-49. PYLON INSTALLATION - 37IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267031	Ref	HEADBOARD - TOOLBOX MOUNT	A
1	1001266958	1	Wiring, Headboard	
1A	1001266466	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
2	3241000241	1	Headboard	
3	7115181450	4	Bolt 1/2 x 1-3/4	
4	7660182601	4	Nut 1/2	
5	7796000047	2	Gasket	
6	7950180161	8	Washer 1/2	

FIGURE 4-50. PYLON INSTALLATION - 37IN TOOLBOX MOUNTED (STEEL BODY)

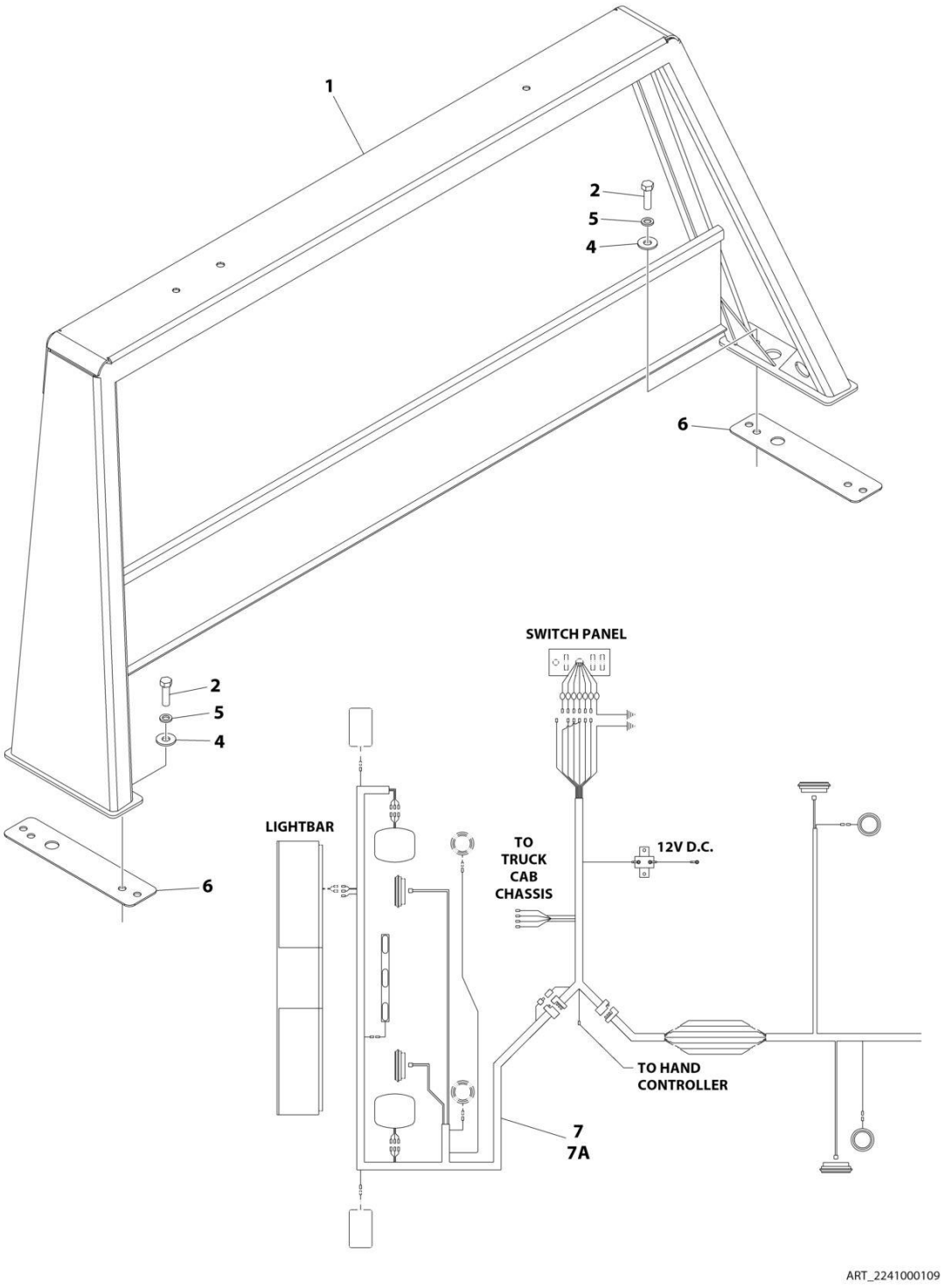


FIGURE 4-50. PYLON INSTALLATION - 37IN TOOLBOX MOUNTED (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000109	Ref	HEADBOARD - TOOLBOX MOUNT	B
1	3241000202	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
4	7950180161	4	Washer 1/2	
5	7950180000	4	Washer 19/32	
6	7796000047	2	Gasket	
7	1001137205	1	Wiring, Headboard	
7A	7552000239	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
7B	7493000003	1	Grommet (Not Shown)	

FIGURE 4-51. PYLON INSTALLATION - 40IN BODY MOUNTED (ALUMINUML BODY) (SN 0230002518 through 0230009713)

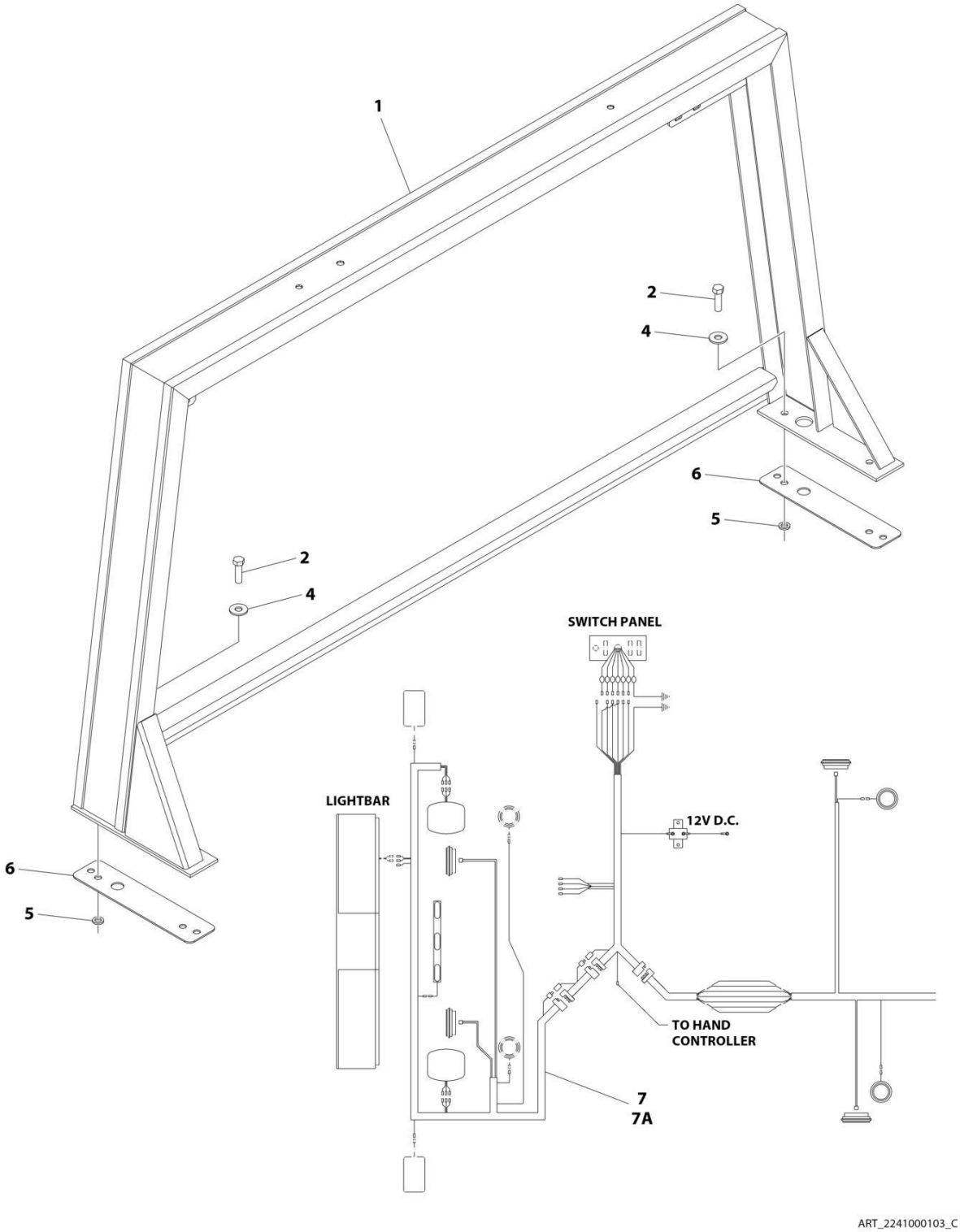


FIGURE 4-51. PYLON INSTALLATION - 40IN BODY MOUNTED (ALUMINUML BODY) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000103	Ref	HEADBOARD - BODY MOUNT	C
1	3241000124	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
4	7950180161	4	Washer 1/2	
5	7950180000	4	Washer 19/32	
6	7796000047	2	Gasket	
7	1001137205	1	Wiring, Headboard	
7A	7552000239	1	Harness, Pylon Lights (See Separate Breakdown in ELECTRICAL Section)	
7B	7493000003	1	Grommet (Not Shown)	

FIGURE 4-52. PYLON INSTALLATION - 40IN BODY MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

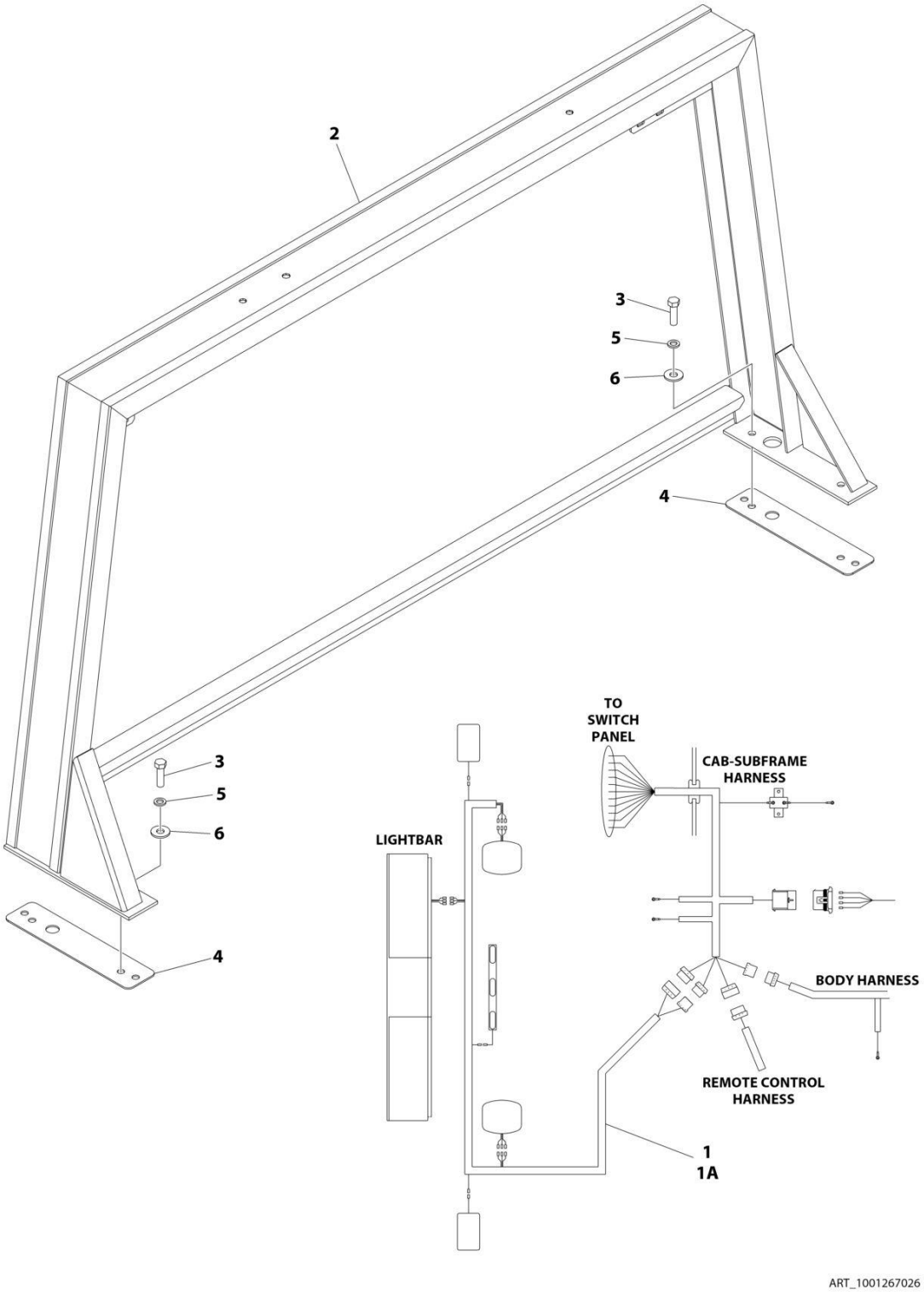


FIGURE 4-52. PYLON INSTALLATION - 40IN BODY MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267026	Ref	HEADBOARD - BODY MOUNT	A
1	1001266957	1	Wiring, Headboard	
1A	1001266076	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
2	3241000124	1	Headboard	
3	7115181450	4	Bolt 1/2 x 1-3/4	
4	7796000047	2	Gasket	
5	7950180000	4	Washer 19/32	
6	7950180161	4	Washer 1/2	

FIGURE 4-53. PYLON INSTALLATION - 40IN BODY MOUNTED (STEEL BODY)

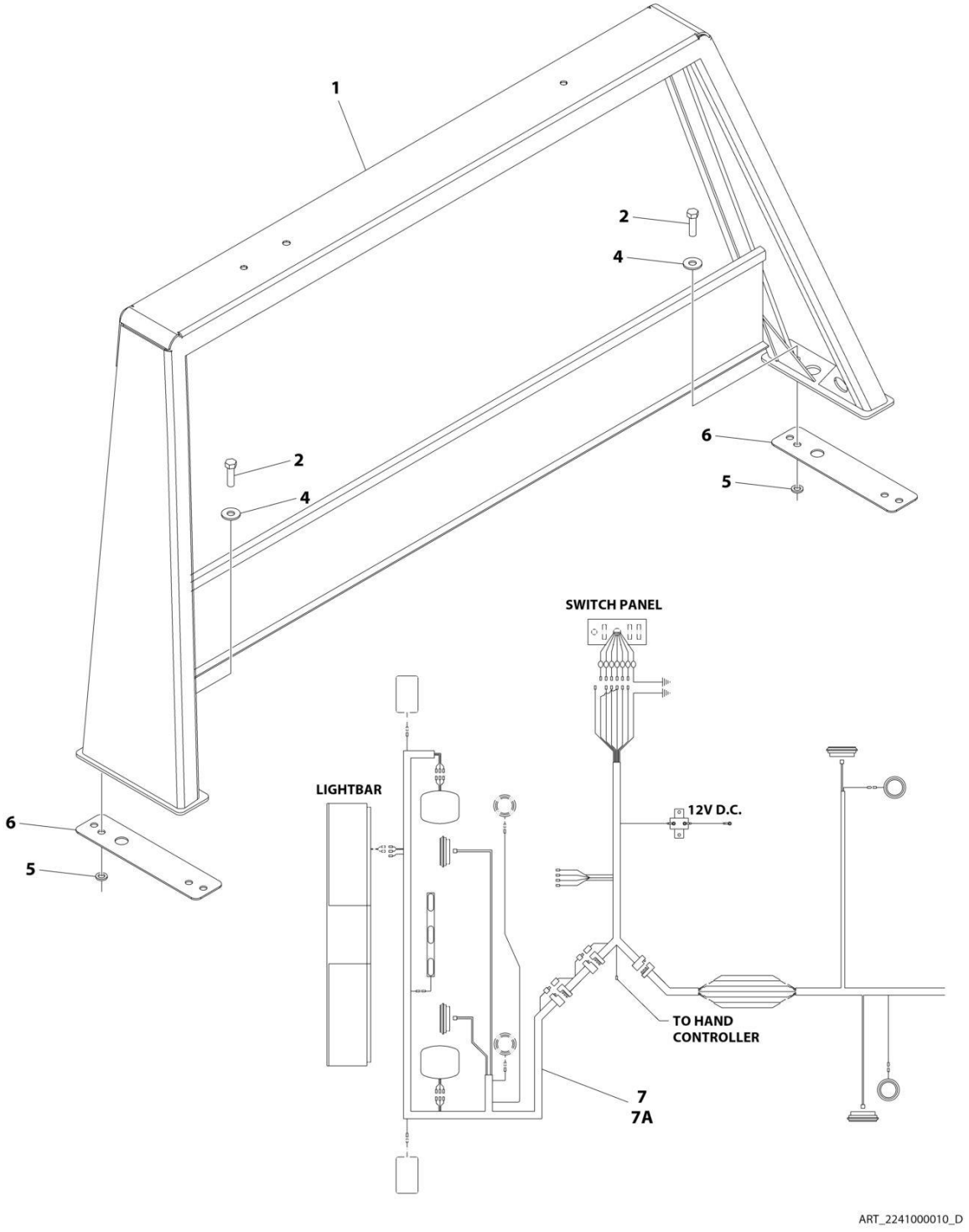


FIGURE 4-53. PYLON INSTALLATION - 40IN BODY MOUNTED (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000010	Ref	HEADBOARD - BODY MOUNT	D
1	3241000036	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
4	7950180161	4	Washer 1/2	
5	7950180000	4	Washer 19/32	
6	7796000047	2	Gasket	
7	1001137205	1	Wiring, Headboard	
7A	7552000239	1	Harness, Pylon Lights (See Separate Breakdown in ELECTRICAL Section)	
7B	7493000003	1	Grommet (Not Shown)	

FIGURE 4-54. PYLON INSTALLATION - 40IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230002518 through 0230009713)

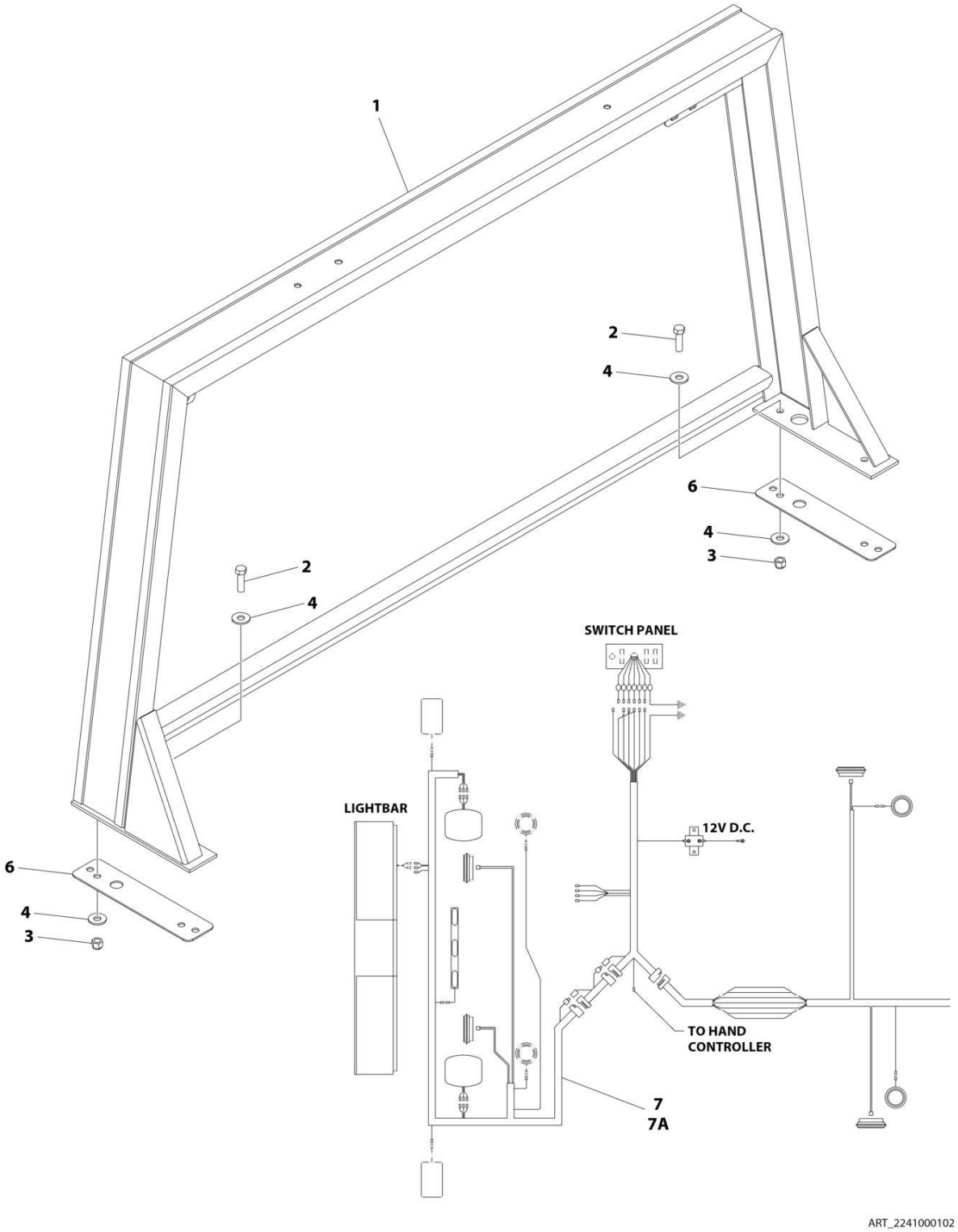


FIGURE 4-54. PYLON INSTALLATION - 40IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000102	Ref	HEADBOARD - TOOLBOX MOUNT	B
1	3241000124	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
3	7660182601	4	Nut 1/2	
4	7950180161	8	Washer 1/2	
6	7796000047	2	Gasket	
7	2502330284	1	Wiring, Headboard	
7A	7552000238	1	Harness, Pylon Lights (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-55. PYLON INSTALLATION - 40IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

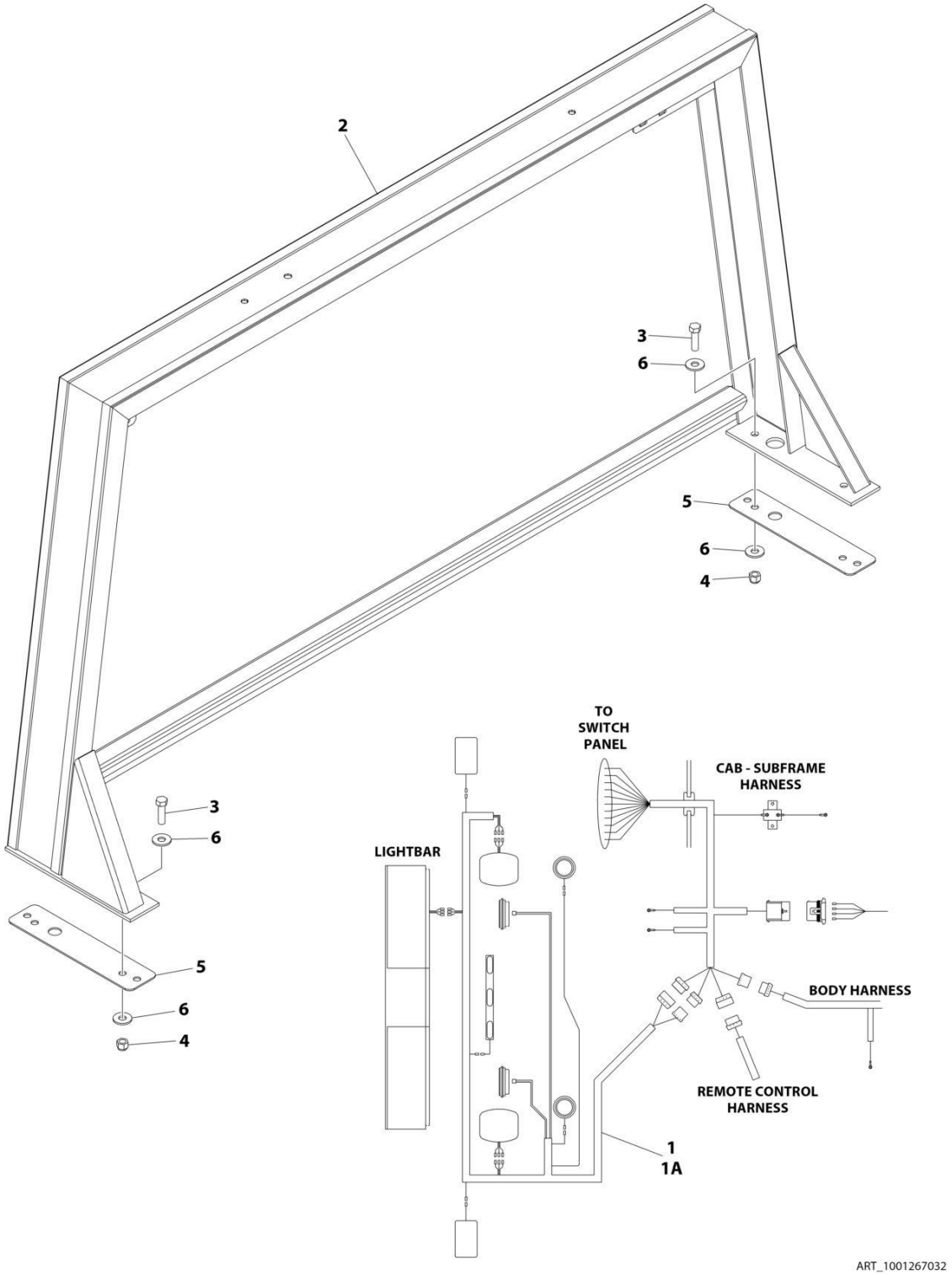


FIGURE 4-55. PYLON INSTALLATION - 40IN TOOLBOX MOUNTED (ALUMINUM BODY) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267032	Ref	HEADBOARD - TOOLBOX MOUNT	A
1	1001266958	1	Wiring, Headboard	
1A	1001266466	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
2	3241000124	1	Headboard	
3	7115181450	4	Bolt 1/2 x 1-3/4	
4	7660182601	4	Nut 1/2	
5	7796000047	2	Gasket	
6	7950180161	8	Washer 1/2	

FIGURE 4-56. PYLON INSTALLATION - 40IN TOOLBOX MOUNTED (STEEL BODY)

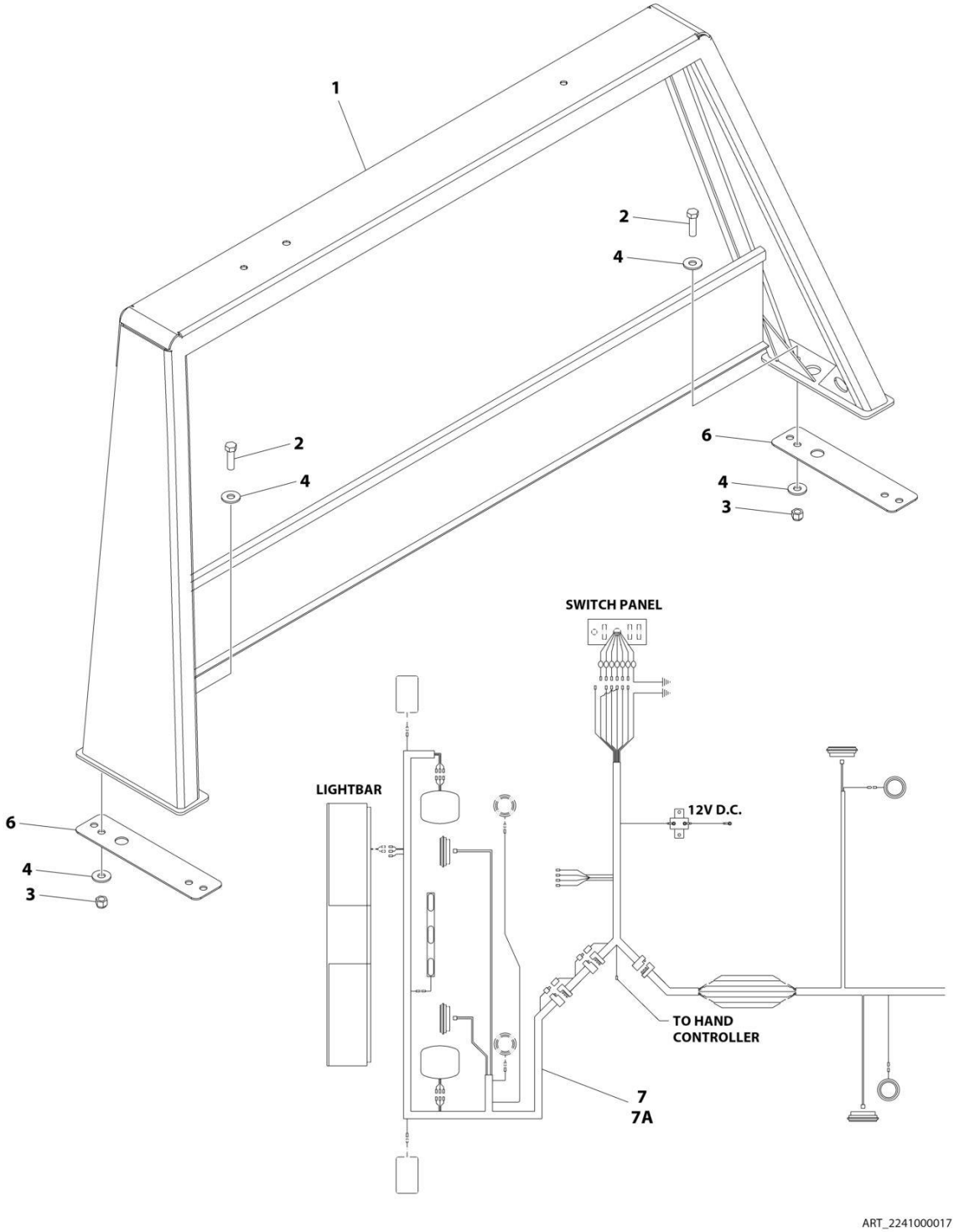


FIGURE 4-56. PYLON INSTALLATION - 40IN TOOLBOX MOUNTED (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000017	Ref	HEADBOARD - TOOLBOX MOUNT	B
1	3241000036	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
3	7660182601	4	Nut 1/2	
4	7950180161	8	Washer 1/2	
6	7796000047	2	Gasket	
7	2502330284	1	Wiring, Headboard	
7A	7552000238	1	Harness, Pylon Lights (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-57. PYLON INSTALLATION - 42IN BODY MOUNTED WITH SIDE MARKERS (ALUMINUM BODY)

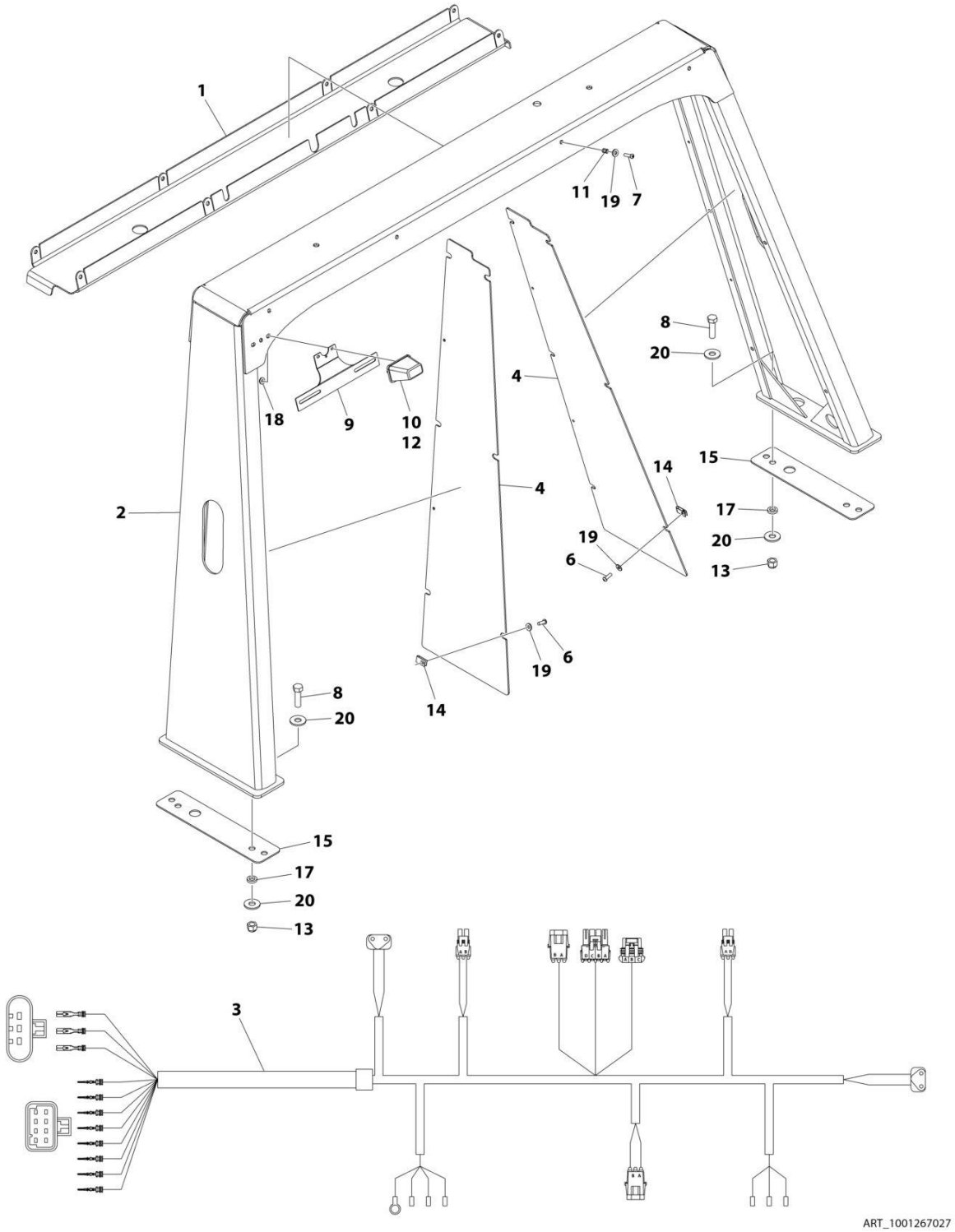


FIGURE 4-57. PYLON INSTALLATION - 42IN BODY MOUNTED WITH SIDE MARKERS (ALUMINUM BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267027	Ref	PYLON INSTALLATION - 42IN BODY MOUNTED WITH SIDE MARKERS	A
1	1001135862	1	Coverplate, Top	
2	1001257164	1	Headboard	
3	1001266076	1	Harness, Pylon Light (See Separate Breakdown in ELECTRICAL Section)	
4	4314000103	2	Cover Plate	
5	5526000553	10	Tie-Strap (Not Shown)	
6	7114140618	12	Capscrew 1/4 x 3/4	
7	7114140818	8	Capscrew 1/4 x 1	
8	7115181450	4	Bolt 1/2 x 1-3/4	
9	7178000025	1	License Plate Bracket	
10	7346000039	AR	Tube	
11	7413000002	8	Nut 1/4	
12	7590000105	1	Light	
13	7660182601	4	Nut 1/2	
14	7661000019	12	U Nut 1/4	
15	7796000047	2	Gasket	
16	7894000042	6	Tie-Strap (Not Shown)	
17	7949000058	4	Washer	
18	7950100163	2	Washer #10	
19	7950140143	20	Washer 1/4	
20	7950180161	8	Washer 1/2	

FIGURE 4-58. PYLON INSTALLATION - 50IN BODY MOUNTED (STEEL BODY)

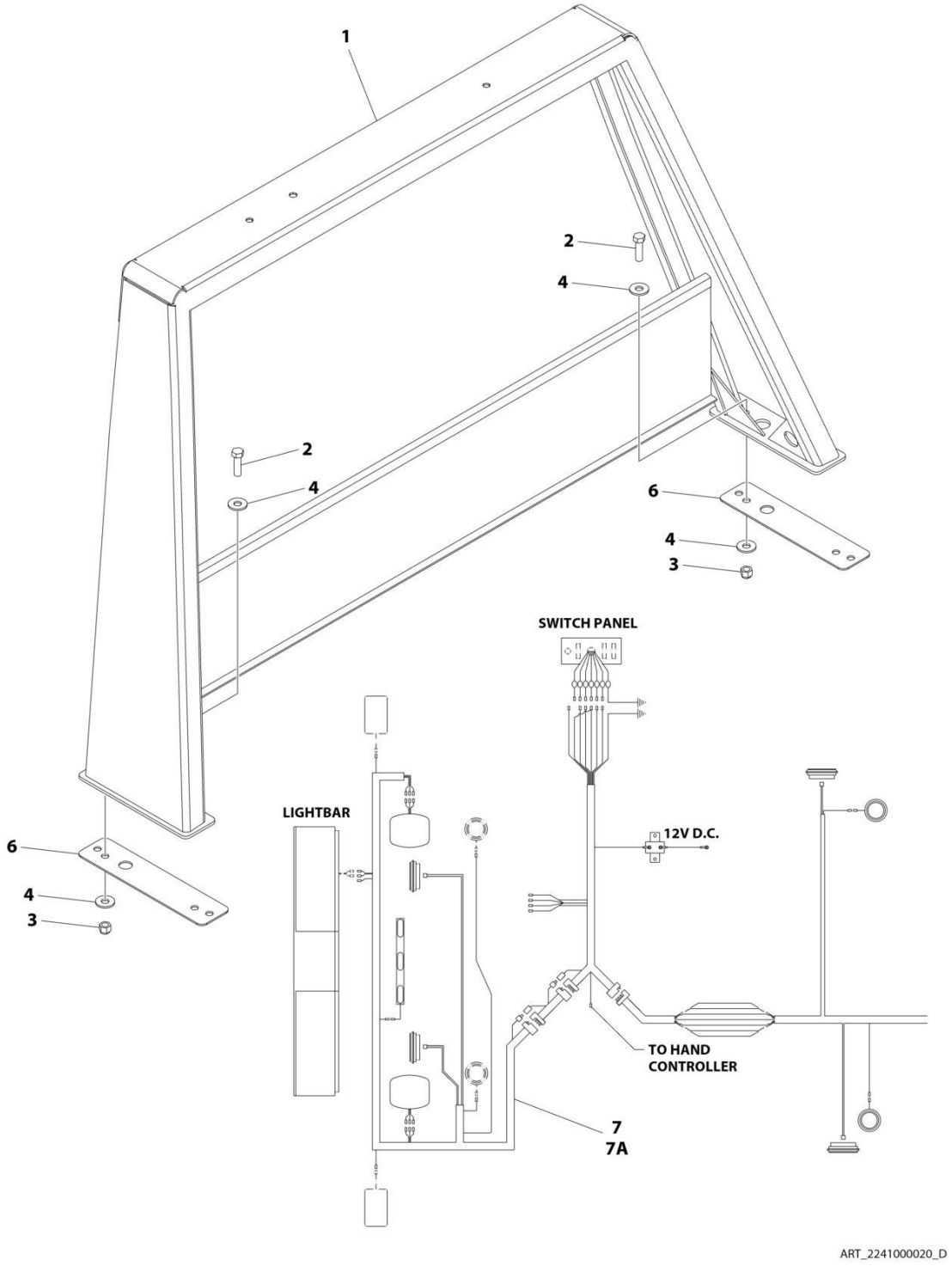


FIGURE 4-58. PYLON INSTALLATION - 50IN BODY MOUNTED (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2241000020	Ref	HEADBOARD - BODY MOUNT	D
1	3241000046	1	Headboard	
2	7115181450	4	Bolt 1/2 x 1-3/4	
3	7660182601	4	Nut 1/2	
4	7950180161	8	Washer 1/2	
6	7796000047	2	Gasket	
7	1001137205	1	Wiring, Headboard	
7A	7552000239	1	Harness, Pylon Lights (See Separate Breakdown in ELECTRICAL Section)	
7B	7493000003	1	Grommet (Not Shown)	

FIGURE 4-59. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN IMPORT TRUCKS) (SN 0230002518 through 0230004178)

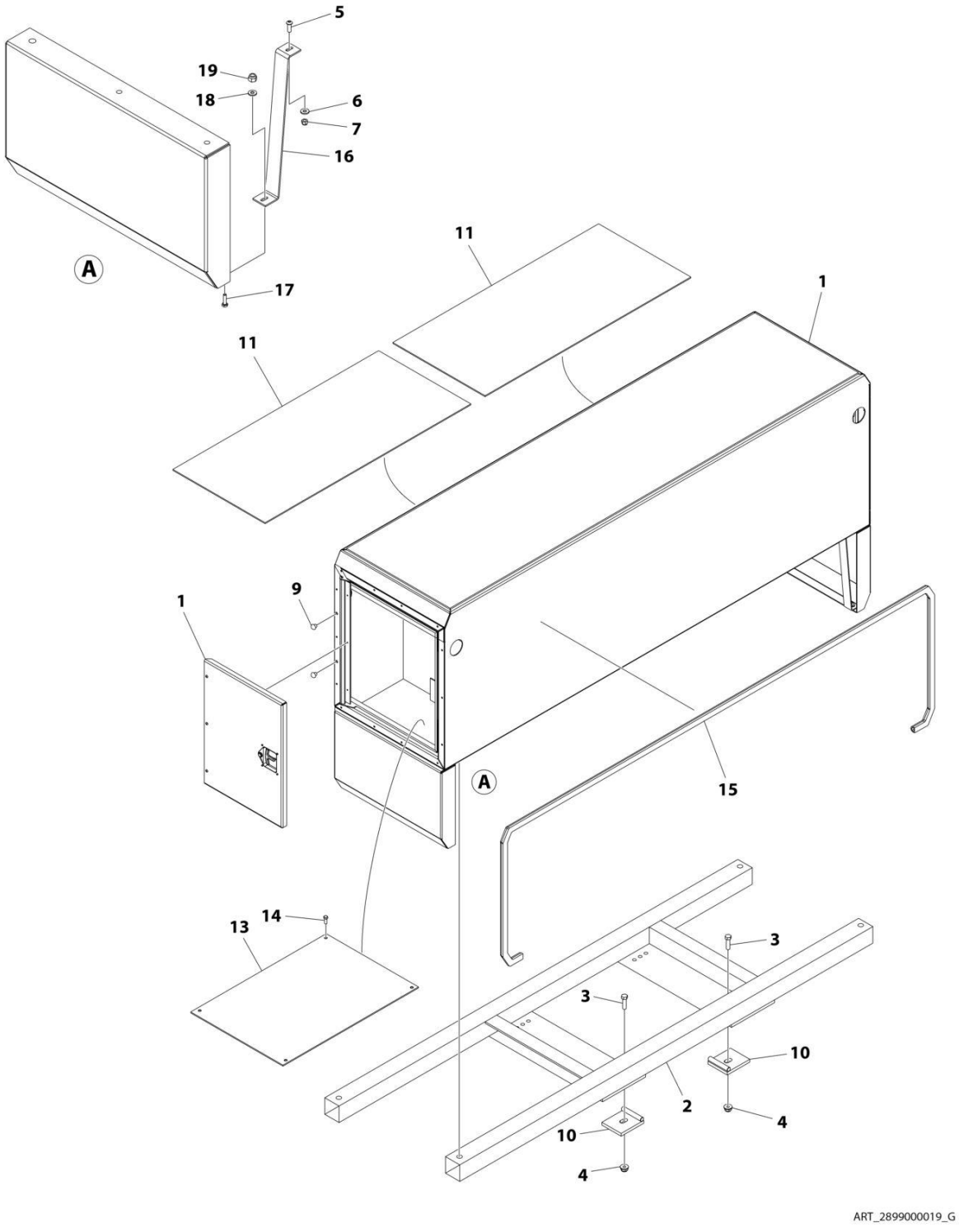


FIGURE 4-59. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN IMPORT TRUCKS) (SN 0230002518 through 0230004178)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2899000019	Ref	TUNNEL TOOLBOX INSTALLATION	G
1	3899000028	1	Toolbox	
2	3455000018	1	Frame	
3	7115181450	4	Bolt 1/2 x 1-3/4	
4	7660182301	4	Nut 1/2	
5	7115161010	4	Screw 3/8 x 1-1/4	
6	7950160161	4	Washer 3/8	
7	7660162601	4	Nut 3/8	
9	7189000010	4	Bumper	
10	3274000007	4	Clamp	
11	4679000090	2	Pad	
12	7552000237	1	Harness, Tunnel Box Extension (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
13	4706001450	1	Plate	
14	7790141076	4	Bolt 1/4 x 5/8	
15	7796000078	12	Gasket	
16	4178000187	4	Bracket	
17	7114140611	4	Bolt 1/4 x 3/4	
18	7950140153	4	Washer 1/4	
19	7660142604	4	Nut 1/4	
20	4812000047	4	Shim (Not Shown)	
21	7346000038	1	Strap (Not Shown)	

FIGURE 4-60. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN IMPORT TRUCKS) (SN 0230004179 through 0230009713)

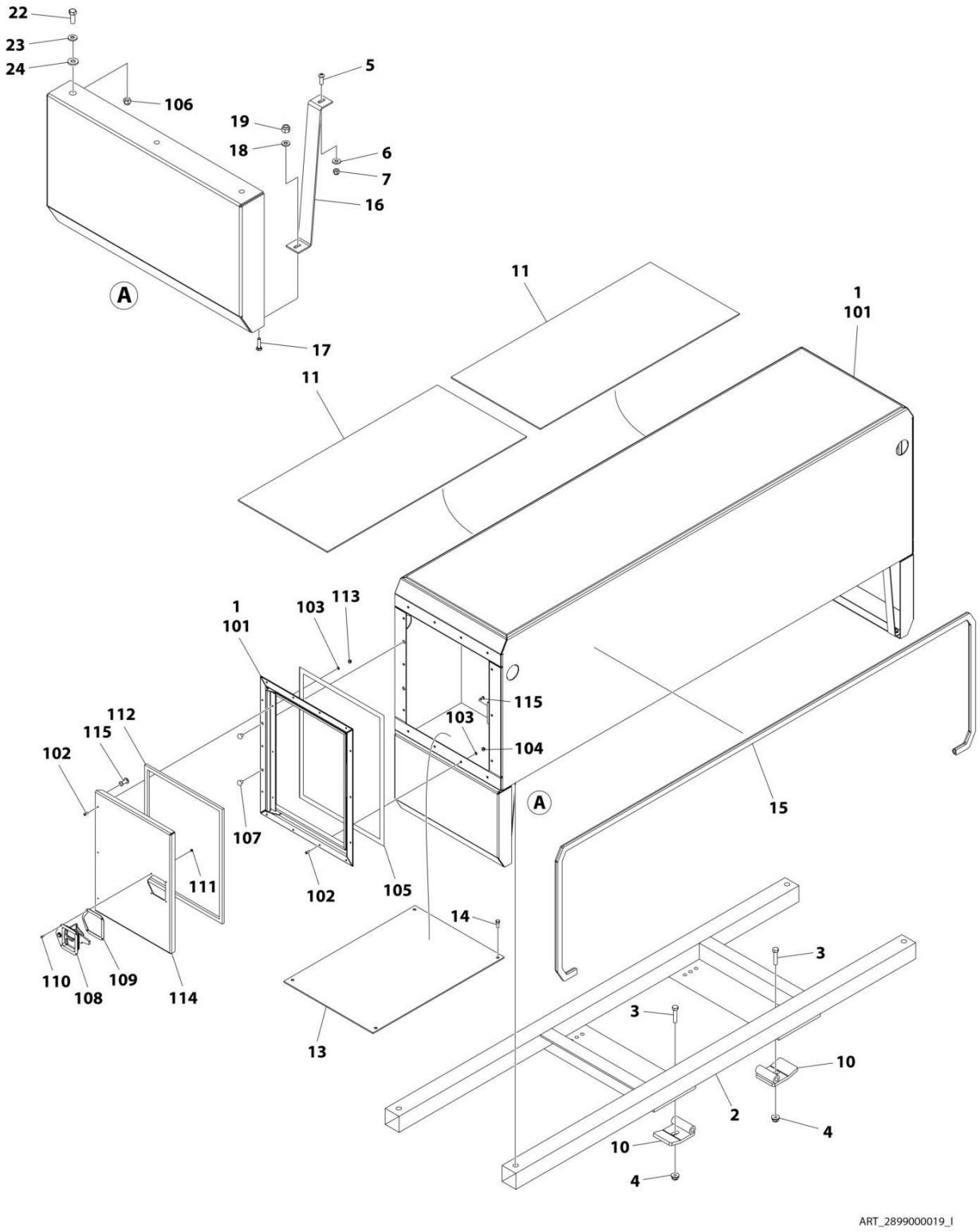


FIGURE 4-60. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN IMPORT TRUCKS) (SN 0230004179 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2899000019	Ref	TUNNEL TOOLBOX INSTALLATION	I
1	1001135818	1	Toolbox (Include Items 101-115)	
2	3455000018	1	Frame	
3	0641818	4	Bolt 1/2 x 2-1/4	
4	7660182301	4	Nut 1/2	
5	7115161010	4	Screw 3/8 x 1-1/4	
6	7950160161	4	Washer 3/8	
7	7660162601	4	Nut 3/8	
10	1001220359	4	Clamp	
11	4679000090	2	Pad	
12	7552000237	1	Harness, Tunnel Box Extension (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
13	4706001450	1	Plate	
14	7790141076	4	Bolt 1/4 x 5/8	
15	7632046140	1	Moulding	
16	4178000187	4	Bracket	
17	7114140611	4	Bolt 1/4 x 3/4	
18	7950140153	4	Washer 1/4	
19	7660142604	4	Nut 1/4	
20	4812000047	4	Shim (Not Shown)	
21	7346000038	1	Strap (Not Shown)	
22	7115160850	6	Bolt 3/8 x 1	
23	7950160000	6	Washer 3/8	
24	7950160161	6	Washer 3/8	
	1001135818	Ref	TOOLBOX	B
101	1001135511	1	Box Assembly 24in	
102	7114140618	34	Capscrew 1/4 x 3/4	
103	7949000056	34	Washer 1/2	
104	7661000062	28	Nut 1/4	
105	7796000012	AR	Seal	
106	7413000003	6	Nut 3/8	
107	7189000007	4	Bumper	
108	7585000012	2	Latch, T-Handle	
109	7796000084	2	Gasket	
110	7114080418	8	Capscrew #8 x 1/2	
111	7660082500	8	Locknut #8	
112	7796000002	AR	Seal	
113	7660142601	6	Nut 1/4	
114	4706003611	2	Plate	
115	7759000017	4	Rivet	

FIGURE 4-61. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN IMPORT TRUCKS) (SN 0230009714 to Present)

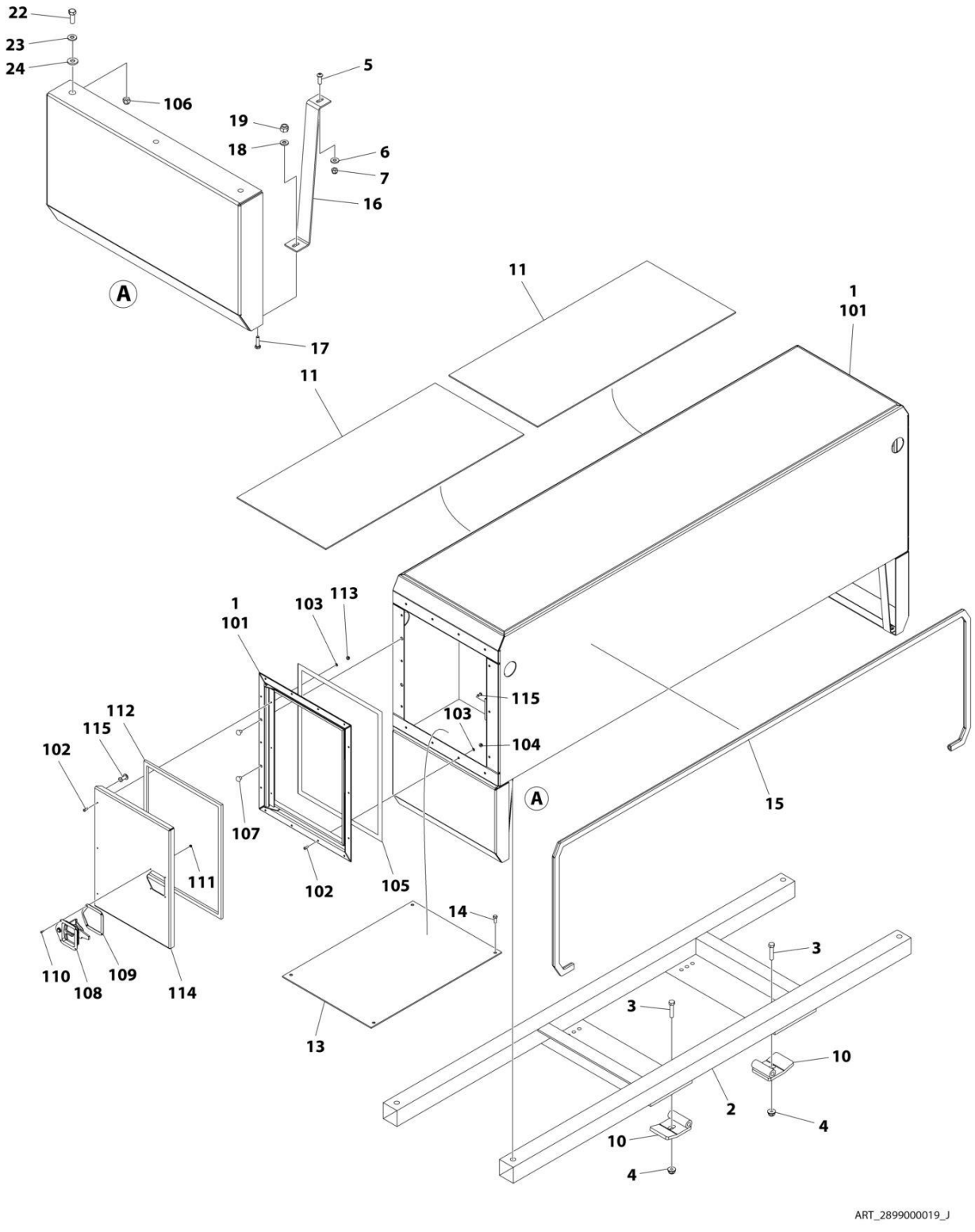


FIGURE 4-61. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN IMPORT TRUCKS) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2899000019	Ref	TUNNEL TOOLBOX INSTALLATION	J
1	1001135818	1	Toolbox (Include Items 101-115)	
2	3455000018	1	Frame	
3	0641818	4	Bolt 1/2 x 2-1/4	
4	7660182301	4	Nut 1/2	
5	7115161010	4	Screw 3/8 x 1-1/4	
6	7950160161	4	Washer 3/8	
7	7660162601	4	Nut 3/8	
10	1001220359	4	Clamp	
11	4679000090	2	Pad	
12	1001267650	1	Harness, Tunnel Box Extension (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
13	4706001450	1	Plate	
14	7790141076	4	Bolt 1/4 x 5/8	
15	7632046140	1	Moulding	
16	4178000187	4	Bracket	
17	7114140611	4	Bolt 1/4 x 3/4	
18	7950140153	4	Washer 1/4	
19	7660142604	4	Nut 1/4	
20	4812000047	4	Shim (Not Shown)	
21	7346000038	1	Strap (Not Shown)	
22	7115160850	6	Bolt 3/8 x 1	
23	7950160000	6	Washer 3/8	
24	7950160161	6	Washer 3/8	
	1001135818	Ref	TOOLBOX	B
101	1001135511	1	Box Assembly 24in	
102	7114140618	34	Capscrew 1/4 x 3/4	
103	7949000056	34	Washer 1/2	
104	7661000062	28	Nut 1/4	
105	7796000012	AR	Seal	
106	7413000003	6	Nut 3/8	
107	7189000007	4	Bumper	
108	7585000012	2	Latch, T-Handle	
109	7796000084	2	Gasket	
110	7114080418	8	Capscrew #8 x 1/2	
111	7660082500	8	Locknut #8	
112	7796000002	AR	Seal	
113	7660142601	6	Nut 1/4	
114	4706003611	2	Plate	
115	7759000017	4	Rivet	

FIGURE 4-62. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (48IN IMPORT TRUCKS)

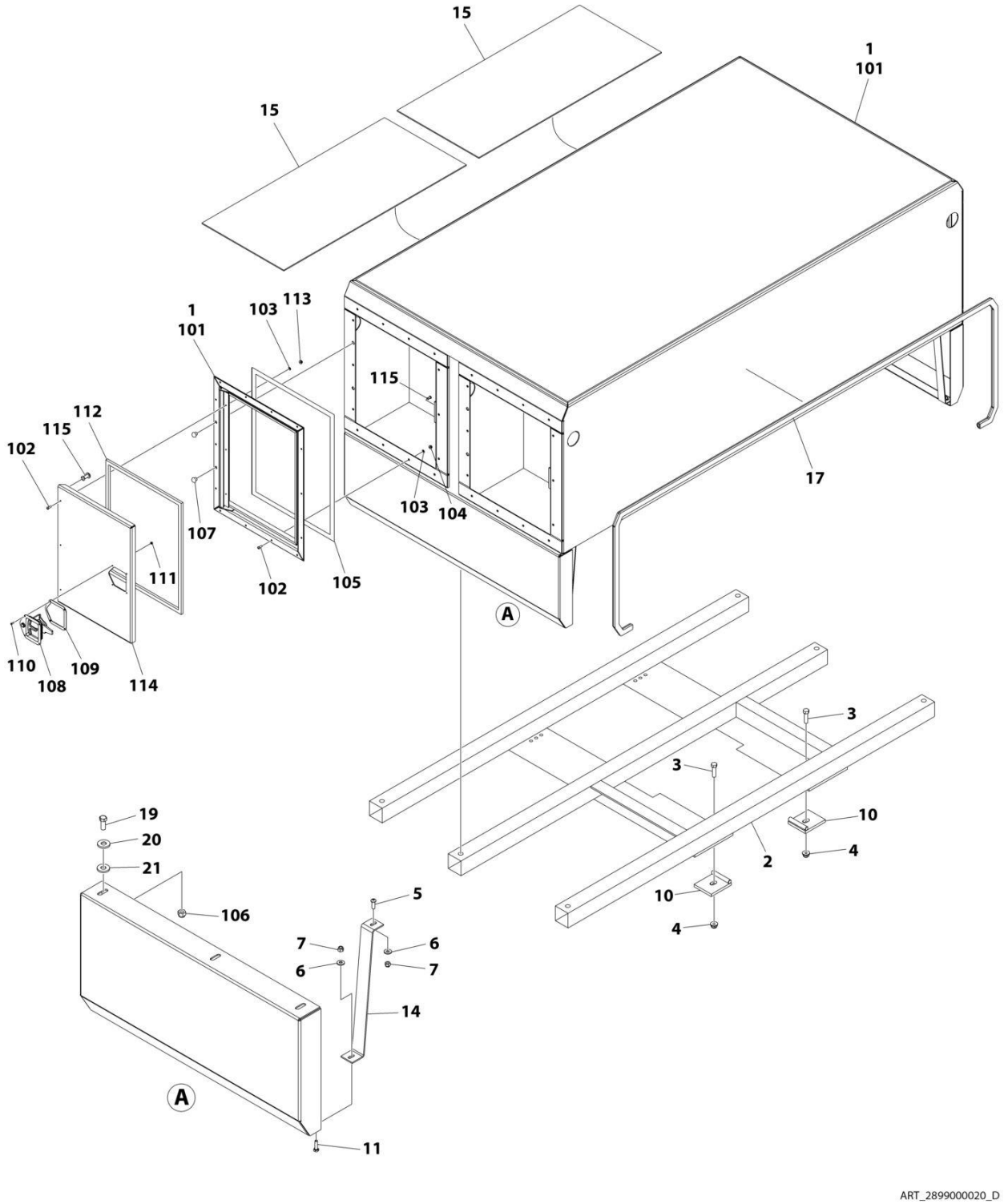


FIGURE 4-62. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (48IN IMPORT TRUCKS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2899000020	Ref	TUNNEL TOOLBOX INSTALLATION	D
1	1001135817	1	Toolbox (Includes Items 101-115)	
2	3455000019	1	Frame	
3	7115181450	4	Bolt 1/2 x 1-3/4	
4	7660182301	4	Nut 1/2	
5	7115161050	6	Screw 3/8 x 1-1/4	
6	7950160161	10	Washer 3/8	
7	7660162601	10	Nut 3/8	
8	4812000047	4	Shim (Not Shown)	
10	3274000007	4	Clamp	
11	7114160818	4	Bolt 3/8 x 1	
14	4178000187	4	Bracket	
15	4679000090	4	Pad	
16	7552000237	2	Harness, Tunnel Box Extension (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
17	7796000078	12	Gasket	
18	7346000038	1	Strap (Not Shown)	
19	7115160850	10	Bolt 3/8 x 1	
20	7950160000	10	Nut 3/8	
21	7950160161	10	Washer 3/8	
	1001135817	Ref	TOOLBOX	B
101	1001135510	1	Box Assembly	
102	7114140618	68	Capscrew 1/4 x 3/4	
103	7949000056	68	Washer 1/2	
104	7661000062	56	Nut 1/4	
105	7796000012	29	Seal	
106	7413000003	10	Nut 3/8	
107	7189000007	8	Bumper	
108	7585000012	4	T-Handle Latch	
109	7796000084	4	Gasket	
110	7114080418	16	Capscrew #8 x 1/2	
111	7660082500	16	Nut #8	
112	7796000002	20	Seal	
113	7660142601	12	Nut 1/4	
114	4706003611	4	Plate	
115	7759000017	8	Rivet	

FIGURE 4-63. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN CHEVY & GMC)

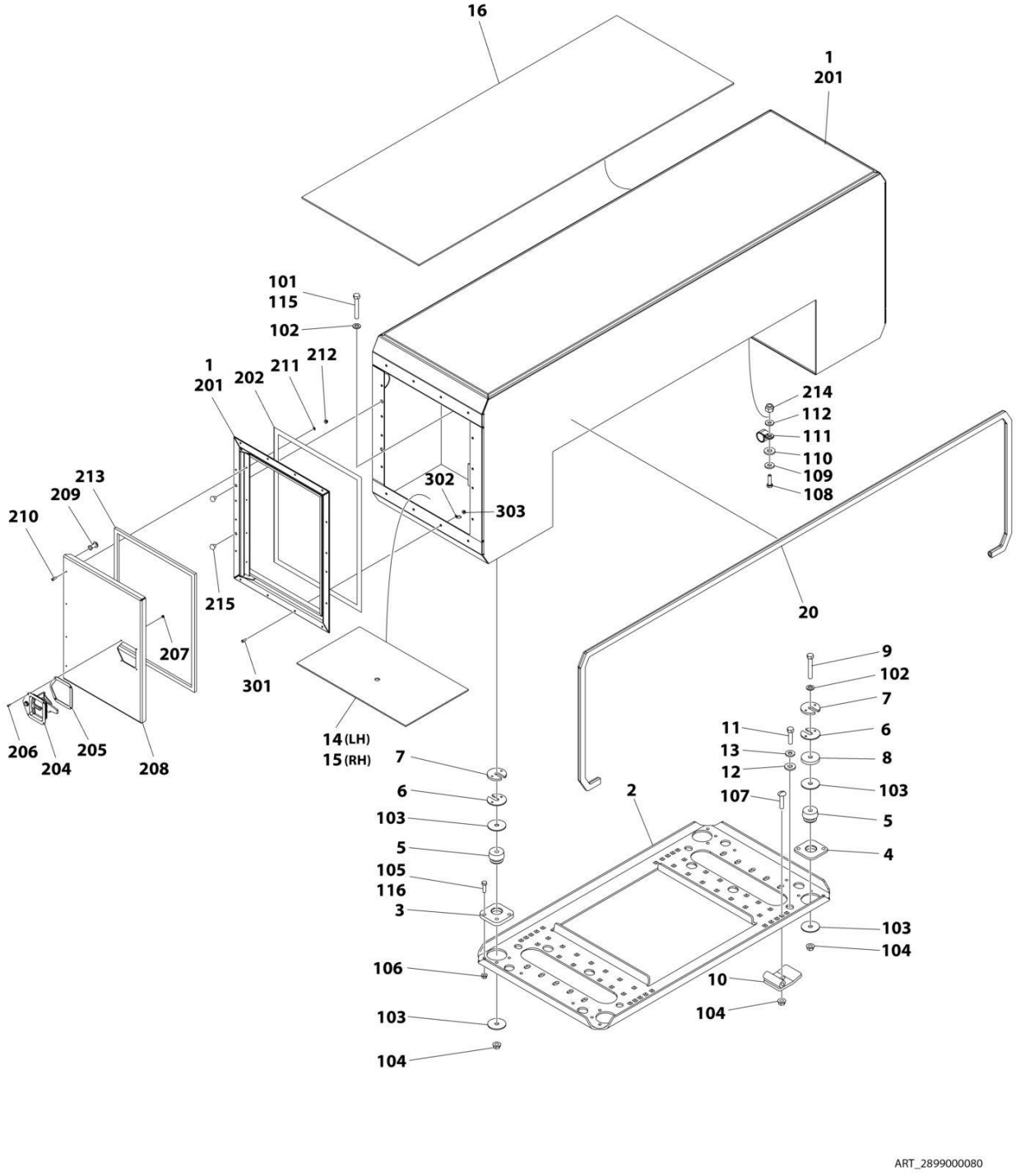


FIGURE 4-63. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN CHEVY & GMC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2899000080	Ref	TUNNEL TOOLBOX INSTALLATION	D
1	1001135957	1	Tunnel Toolbox Assembly (See Items 201-215 for Breakdown)	
2	4636000041	1	Mount	
3	4706005869	2	Plate	
4	4706005880	2	Plate	
5	7636000005	4	Mount, Rubber	
6	4812000108	2	Shim 0.25	
7	4812000107	4	Shim 0.12	
8	4831000121	2	Spacer	
9	7115183250	2	Bolt 1/2 x 4	
10	1001220359	2	Clamp	
11	7120000075	2	Bolt M14 x 35	
12	7949000019	2	Washer	
13	7950200000	2	Washer 5/8	
14	4679000329	1	Pad (LH)	
15	4679000330	1	Pad (RH)	
16	4679000331	1	Pad	
19	7552000237	1	Harness, Tunnel Box Extension (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
20	7796000078	12 ft/4 m	Gasket	
21	7346000038	1	Strap, Grounding (Not Shown)	
22	7577000667	1	Hardware Kit (Not Shown) (See Items 101-116 for Breakdown)	
23	4812000047	AR	Shim (Not Shown)	
	7577000667	Ref	HARDWARE KIT	C
101	7115182850	4	Bolt 1/2 x 3-1/2	
102	7950180252	4	Washer 1/2	
103	7949000013	8	Washer 2-3/8	
104	7660182301	8	Nut 1/2	
105	7115161250	12	Bolt 3/8 x 1-1/2	
106	7660162301	12	Nut 3/8	
107	7115181864	4	Bolt 1/2 x 2-14	
108	7114140618	3	Bolt 1/4 x 3/4	
109	7950140000	3	Washer 1/4	
110	7950140153	3	Washer 1/4	
111	7274000105	3	Clamp	
112	7950140500	3	Washer 1/4	
114	7894000042	4	Tie-Strap (Not Shown)	
115	0641824	1	Bolt 1/2 x 3	
116	0641610	1	Bolt 5/8 x 1-1/4	
	1001135957	Ref	TUNNEL TOOLBOX ASSEMBLY	C
201	1001135961	1	Box, Tunnel (No Doors)	
202	7796000012	16 ft/5 m	Seal	
203	7577000666	1	Hardware Kit (Not Shown) (See Items 301-303 for Breakdown)	
204	7585000012	2	Latch, T-Handle	
205	7796000084	2	Gasket	
206	7114080418	8	Capscrew #8 x 1/2	
207	7660082500	8	Nut #8	
208	4706003611	2	Plate	
209	7759000017	4	Rivet	
210	7114140618	8	Screw 1/4 x 3/4	

SECTION 4 - BODY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
211	7949000056	8	Washer 1/4	
212	7661000062	8	Nut 1/4	
213	7796000002	10	Seal	
214	7413000002	3	Nut 1/4	
215	7189000007	4	Bumper	
	7577000666	Ref	HARDWARE KIT	0
301	7114140618	32	Bolt 1/4 x 3/4	
302	7949000056	32	Washer 1/4	
303	7661000062	32	Nut 1/4	

FIGURE 4-64. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN FORD, DODGE & IHC - STANDARD SPECS)

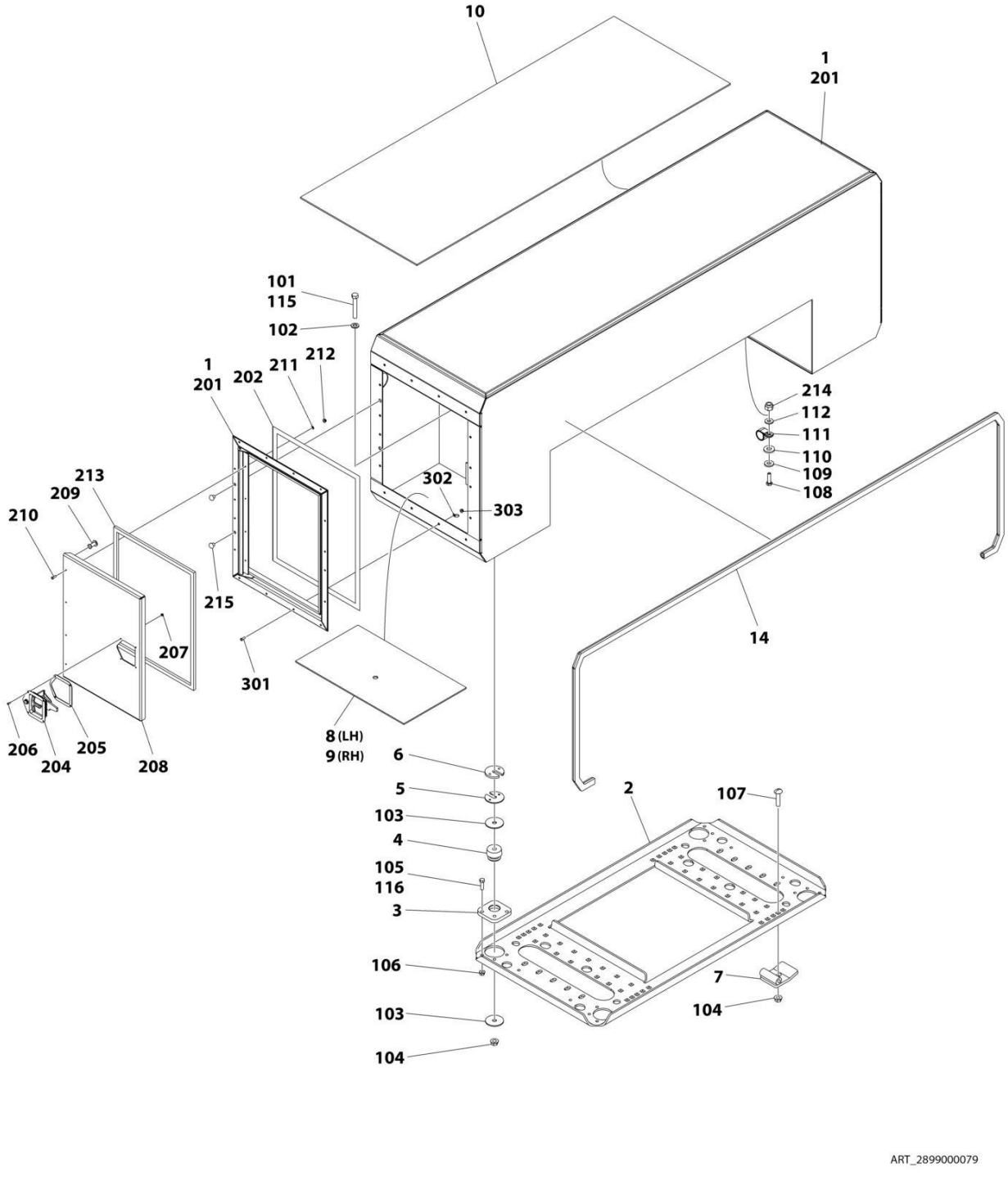


FIGURE 4-64. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN FORD, DODGE & IHC - STANDARD SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2899000079	Ref	TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN CHEVY & GMC)	F
1	1001135957	1	Tunnel Toolbox Assembly (See Items 201-215 for Breakdown)	
2	4636000041	1	Mount	
3	4706005869	4	Plate	
4	7636000005	4	Mount, Rubber	
5	4812000108	4	Shim 0.25	
6	4812000107	4	Shim 0.12	
7	1001220359	4	Clamp	
8	4679000329	1	Pad (LH)	
9	4679000330	1	Pad (RH)	
10	4679000331	1	Pad	
13	7552000237	1	Harness, Tunnel Box Extension (Not Shown) (See Separate Breakdown in ELECTRICAL Section) **(SN 0230002518 through 0230009713)**	
13	1001267650	1	Harness, Tunnel Box Extension (Not Shown) (See Separate Breakdown in ELECTRICAL Section) **(SN 0230009714 to Present)**	
14	7796000078	12 ft/4 m	Gasket	
15	7346000038	1	Strap Grounding (Not Shown)	
16	7577000667	1	Hardware Kit (Not Shown) (See Item 101-116 for Breakdown)	
17	4812000047	AR	Shim (Not Shown)	
	7577000667	Ref	HARDWARE KIT	C
101	7115182850	4	Bolt 1/2 x 3-1/2	
102	7950180252	4	Washer 1/2	
103	7949000013	8	Washer 2-3/8	
104	7660182301	8	Nut 1/2	
105	7115161250	12	Bolt 3/8 x 1-1/2	
106	7660162301	12	Nut 3/8	
107	7115181864	4	Bolt 1/2 x 2-14	
108	7114140618	3	Bolt 1/4 x 3/4	
109	7950140000	3	Washer 1/4	
110	7950140153	3	Washer 1/4	
111	7274000105	3	Clamp	
112	7950140500	3	Washer 1/4	
114	7894000042	4	Tie-Strap (Not Shown)	
115	0641824	1	Bolt 1/2 x 3	
116	0641610	1	Bolt 5/8 x 1-1/4	
	1001135957	Ref	TUNNEL TOOLBOX ASSEMBLY	C
201	1001135961	1	Box, Tunnel (No Doors)	
202	7796000012	16 ft/5 m	Seal	
203	7577000666	1	Hardware Kit (Not Shown) (See Items 301-303 for Breakdown)	
204	7585000012	2	Latch, T-Handle	
205	7796000084	2	Gasket	
206	7114080418	8	Capscrew #8 x 1/2	
207	7660082500	8	Nut #8	
208	4706003611	2	Plate	
209	7759000017	4	Rivet	
210	7114140618	8	Screw 1/4 x 3/4	
211	7949000056	8	Washer 1/4	

SECTION 4 - BODY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
212	7661000062	8	Nut 1/4	
213	7796000002	10	Seal	
214	7413000002	3	Nut 1/4	
215	7189000007	4	Bumper	
	7577000666	Ref	HARDWARE KIT	0
301	7114140618	32	Bolt 1/4 x 3/4	
302	7949000056	32	Washer 1/4	
303	7661000062	32	Nut 1/4	

FIGURE 4-65. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN FORD, DODGE & IHC - GSA SPECS)

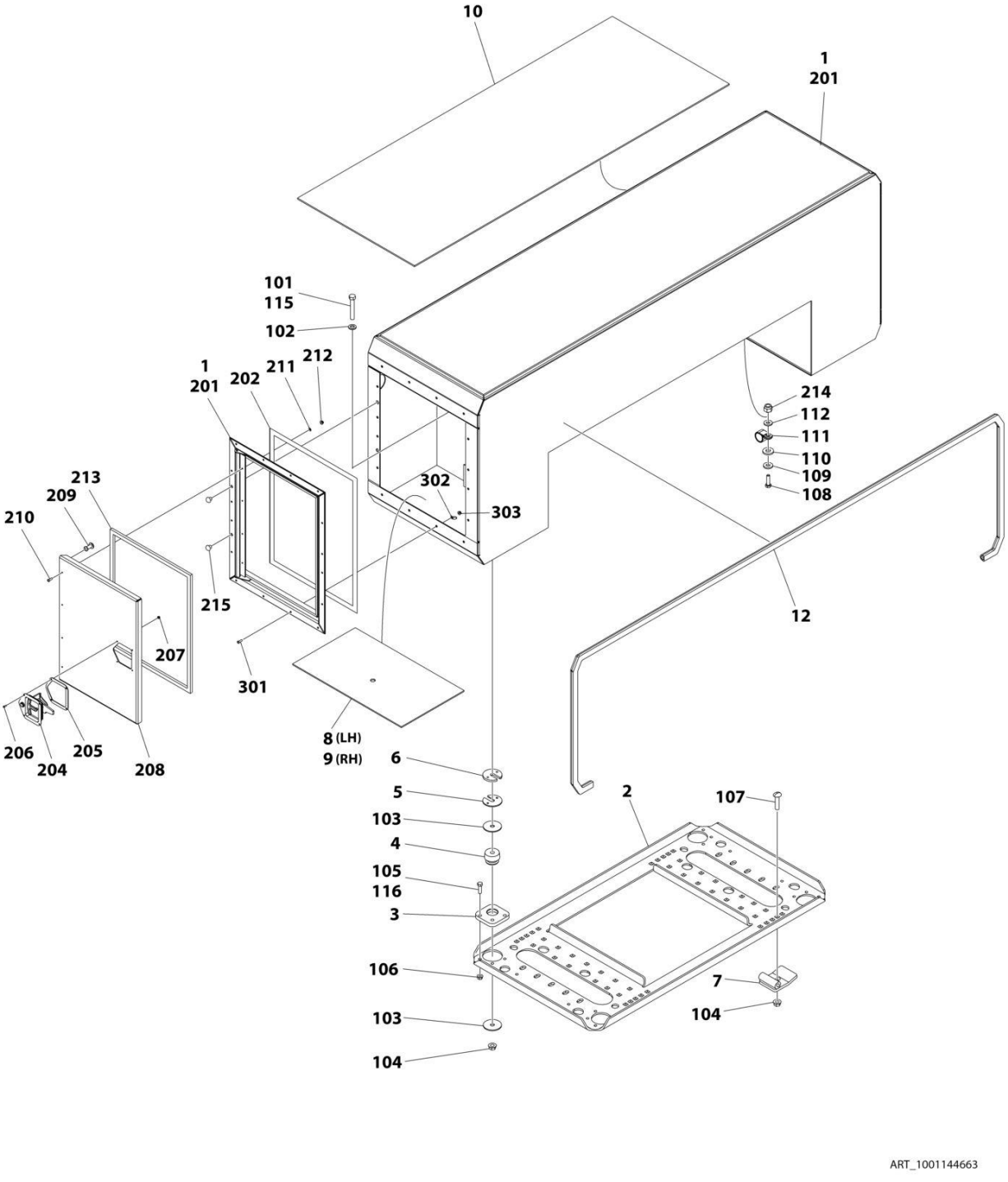


FIGURE 4-65. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN FORD, DODGE & IHC - GSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144663	Ref	TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN FORD, DODGE & IHC- GSA SPECS)	B
1	1001144662	1	Tunnel Toolbox Assembly (See Item 201-215 for Breakdown)	
2	4636000041	1	Mount	
3	4706005869	4	Plate	
4	7636000005	4	Mount, Rubber	
5	4812000108	4	Shim 0.25	
6	4812000107	4	Shim 0.12	
7	1001220359	4	Clamp	
8	4679000329	1	Pad (LH)	
9	4679000330	1	Pad (RH)	
10	4679000331	1	Pad	
11	7552000237	1	Harness, Tunnel Box Extension (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
12	7796000078	12 ft/4 m	Gasket	
13	7346000038	1	Strap Grounding (Not Shown)	
14	7577000667	1	Hardware Kit (Not Shown) (See Item 101-116 for Breakdown)	
15	4812000047	AR	Shim (Not Shown)	
	7577000667	Ref	HARDWARE KIT	C
101	7115182850	4	Bolt 1/2 x 3-1/2	
102	7950180252	4	Washer 1/2	
103	7949000013	8	Washer 2-3/8	
104	7660182301	8	Nut 1/2	
105	7115161250	12	Bolt 3/8 x 1-1/2	
106	7660162301	12	Nut 3/8	
107	7115181864	4	Bolt 1/2 x 2-14	
108	7114140618	3	Bolt 1/4 x 3/4	
109	7950140000	3	Washer 1/4	
110	7950140153	3	Washer 1/4	
111	7274000105	3	Clamp	
112	7950140500	3	Washer 1/4	
114	7894000042	4	Tie-Strap (Not Shown)	
115	0641824	1	Bolt 1/2 x 3	
116	0641610	1	Bolt 5/8 x 1-1/4	
	1001144662	Ref	TUNNEL TOOLBOX ASSEMBLY	C
201	1001144661	1	Box, Tunnel (No Doors)	
202	7796000012	16 ft/5 m	Seal	
203	7577000666	1	Hardware Kit (Not Shown) (See Items 301-303 for Breakdown)	
204	7585000012	2	Latch, T-Handle	
205	7796000084	2	Gasket	
206	7114080418	8	Capscrew #8 x 1/2	
207	7660082500	8	Nut #8	
208	4706003611	2	Plate	
209	7759000017	4	Rivet	
210	7114140618	8	Screw 1/4 x 3/4	
211	7949000056	8	Washer 1/4	
212	7661000062	8	Nut 1/4	
213	7796000002	10	Seal	
214	7413000002	3	Nut 1/4	

SECTION 4 - BODY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
215	7189000007	4	Bumper	
	7577000666	Ref	HARDWARE KIT	0
301	7114140618	32	Bolt 1/4 x 3/4	
302	7949000056	32	Washer 1/4	
303	7661000062	32	Nut 1/4	

SECTION 4 - BODY

FIGURE 4-66. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN WITH RH BATTERY DRAWER)

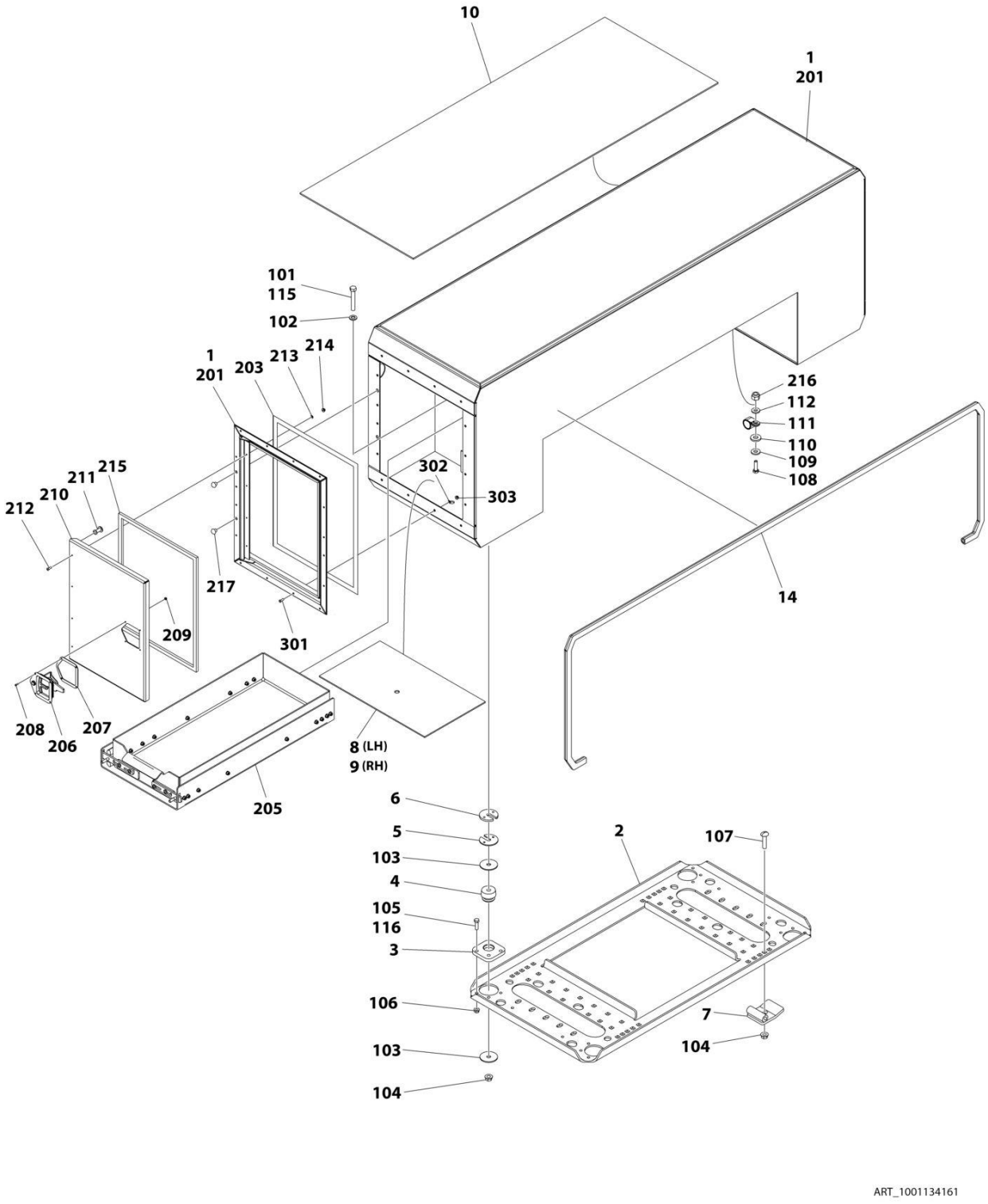


FIGURE 4-66. TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN WITH RH BATTERY DRAWER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001134161	Ref	TUNNEL TOOLBOX INSTALLATION (ALUMINUM) (24IN WITH RH BATTERY DRAWER)	C
1	1001134162	1	Tunnel Toolbox Assembly (See Items 201-217 for Breakdown)	
2	4636000041	1	Mount	
3	4706005869	4	Plate	
4	7636000005	4	Mount, Rubber	
5	4812000108	4	Shim 0.25	
6	4812000107	4	Shim 0.12	
7	1001220359	4	Clamp	
8	4679000329	1	Pad (LH)	
9	4679000330	1	Pad (RH)	
10	4679000331	1	Pad	
13	7552000237	1	Harness, Tunnel Box Extension (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
14	7796000078	12 ft/4 m	Gasket	
15	7346000038	1	Strap Grounding (Not Shown)	
16	7577000667	1	Hardware Kit (Not Shown) (See Items 101-116 for Breakdown)	
17	4812000047	AR	Shim (Not Shown)	
	7577000667	Ref	HARDWARE KIT	C
101	7115182850	4	Bolt 1/2 x 3-1/2	
102	7950180252	4	Washer 1/2	
103	7949000013	8	Washer 2-3/8	
104	7660182301	8	Nut 1/2	
105	7115161250	12	Bolt 3/8 x 1-1/2	
106	7660162301	12	Nut 3/8	
107	7115181864	4	Bolt 1/2 x 2-14	
108	7114140618	3	Bolt 1/4 x 3/4	
109	7950140000	3	Washer 1/4	
110	7950140153	3	Washer 1/4	
111	7274000105	3	Clamp	
112	7950140500	3	Washer 1/4	
114	7894000042	4	Tie-Strap (Not Shown)	
115	0641824	1	Bolt 1/2 x 3	
116	0641610	1	Bolt 5/8 x 1-1/4	
	1001134162	Ref	TUNNEL TOOLBOX ASSEMBLY	D
201	1001135962	1	Box, Tunnel (No Doors)	
203	7796000012	16 ft/5 m	Seal	
204	7577000666	1	Hardware Kit (Not Shown) (See Items 301-303 for Breakdown)	
205	2002000034	1	Pull-Out Drawer - Tunnel Toolbox (See Separate Breakdown in this Section)	
206	7585000012	2	Latch, T-Handle	
207	7796000084	2	Gasket	
208	7114080418	8	Capscrew #8 x 1/2	
209	7660082500	8	Nut #8	
210	4706003611	2	Plate	
211	7759000017	4	Rivet	
212	7114140618	8	Screw 1/4 x 3/4	
213	7949000056	8	Washer 1/4	
214	7661000062	8	Nut 1/4	
215	7796000002	10	Seal	

SECTION 4 - BODY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
216	7413000002	3	Nut 1/4	
217	7189000007	4	Bumper	
	7577000666	Ref	HARDWARE KIT	0
301	7114140618	32	Bolt 1/4 x 3/4	
302	7949000056	32	Washer 1/4	
303	7661000062	32	Nut 1/4	

FIGURE 4-67. TUNNEL TOOLBOX INSTALLATION (STEEL) (24IN CHEVY & GMC)

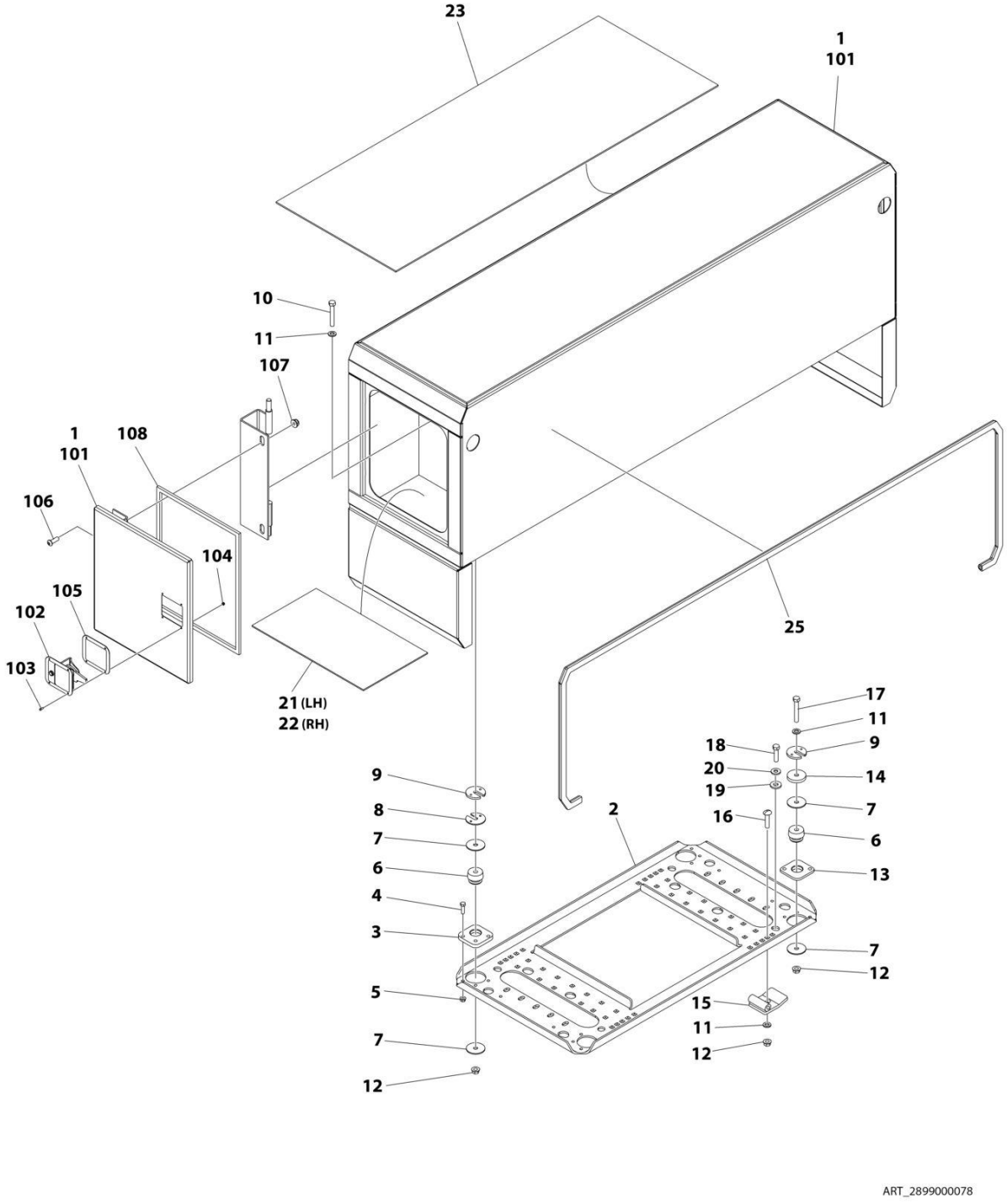


FIGURE 4-67. TUNNEL TOOLBOX INSTALLATION (STEEL) (24IN CHEVY & GMC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2899000078	Ref	TUNNEL TOOLBOX INSTALLATION (STEEL) (24IN CHEVY & GMC)	C
1	1001136072	Ref	Tunnel Box Assembly (See Items 101-108 for Breakdown)	
2	4636000041	1	Mount	
3	4706005869	2	Plate	
4	7115161250	10	Bolt 3/8 x 1-1/2	
5	7660162301	10	Nut 3/8	
6	7636000005	4	Mount, Rubber	
7	7949000013	8	Washer 2-3/8	
8	4812000108	2	Shim 0.25	
9	4812000107	4	Shim 0.12	
10	7115182850	2	Bolt 1/2 x 3-1/2	
11	7950180252	6	Washer 1/2	
12	7660182601	6	Nut 1/2	
13	4706005880	2	Plate	
14	4831000121	2	Spacer	
15	3274000007	2	Clamp	
16	7115181864	2	Bolt 1/2 x 2-14	
17	7115183250	2	Bolt 1/2 x 4	
18	7120000075	2	Screw M14 x 35	
19	7949000019	2	Washer	
20	7950200000	2	Washer 5/8	
21	4679000329	1	Pad (LH)	
22	4679000330	1	Pad (RH)	
23	4679000331	1	Pad	
24	7552000237	1	Harness, Tunnel Box Extension (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
25	7796000078	12 ft/4 m	Gasket	
26	7346000038	1	Strap Grounding (Not Shown)	
	1001136072	Ref	TUNNEL TOOLBOX ASSEMBLY	C
101	1001136071	1	Box, Tunnel	
102	7595000002	2	Latch, Paddle Handle	
103	7114080418	8	Capscrew #8	
104	7660082500	8	Nut #8	
105	7796000031	2	Gasket	
106	7118160516	4	Bolt 3/8 x 5/8 Grade 8	
107	7660162301	4	Nut 3/8	
108	7796000002	7 in/18 cm	Seal	

FIGURE 4-68. TUNNEL TOOLBOX INSTALLATION (STEEL) (24IN FORD, DODGE & IHC)

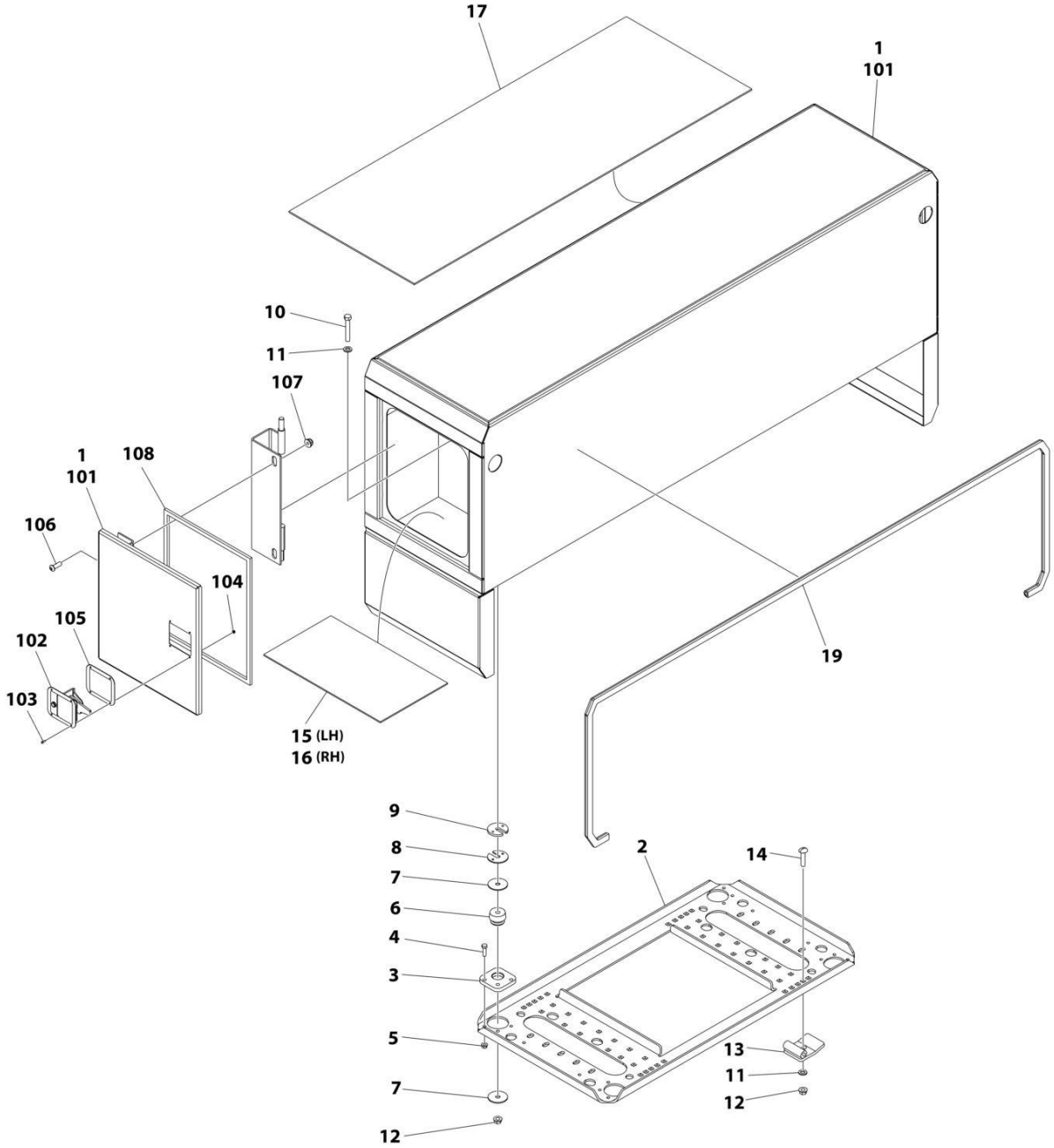


FIGURE 4-68. TUNNEL TOOLBOX INSTALLATION (STEEL) (24IN FORD, DODGE & IHC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2899000077	Ref	TUNNEL TOOLBOX INSTALLATION (STEEL) (24IN FORD, DODGE & IHC)	C
1	1001136072	1	Tunnel Box Assembly (See Items 101-108 for Breakdown)	
2	4636000041	1	Mount	
3	4706005869	4	Plate	
4	7115161250	12	Bolt 3/8 x 1-1/2	
5	7660162301	12	Nut 3/8	
6	7636000005	4	Mount, Rubber	
7	7949000013	8	Washer 2-3/8	
8	4812000108	4	Shim 0.25	
9	4812000107	4	Shim 0.12	
10	7115182850	4	Bolt 1/2 x 3-1/2	
11	7950180252	8	Washer 1/2	
12	7660182601	8	Nut 1/2	
13	3274000007	4	Clamp	
14	7115181864	4	Bolt 1/2 x 2-14	
15	4679000329	1	Pad (LH)	
16	4679000330	1	Pad (RH)	
17	4679000331	1	Pad	
18	7552000237	1	Harness, Tunnel Box Extension (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
19	7796000078	12 ft/4 m	Gasket	
20	7346000038	1	Strap Grounding (Not Shown)	
	1001136072	Ref	TUNNEL TOOLBOX ASSEMBLY	C
101	1001136071	1	Box, Tunnel	
102	7796000002	2	Latch, Paddle Handle	
103	7114080418	8	Capscrew #8	
104	7660082500	8	Nut #8	
105	7796000031	2	Gasket	
106	7118160516	4	Bolt 3/8 x 5/8 Grade 8	
107	7660162301	4	Nut 3/8	
108	7595000002	7 in/18 cm	Seal	

FIGURE 4-69. TUNNEL TOOLBOX INSTALLATION (STEEL) (24IN IMPORT TRUCKS)

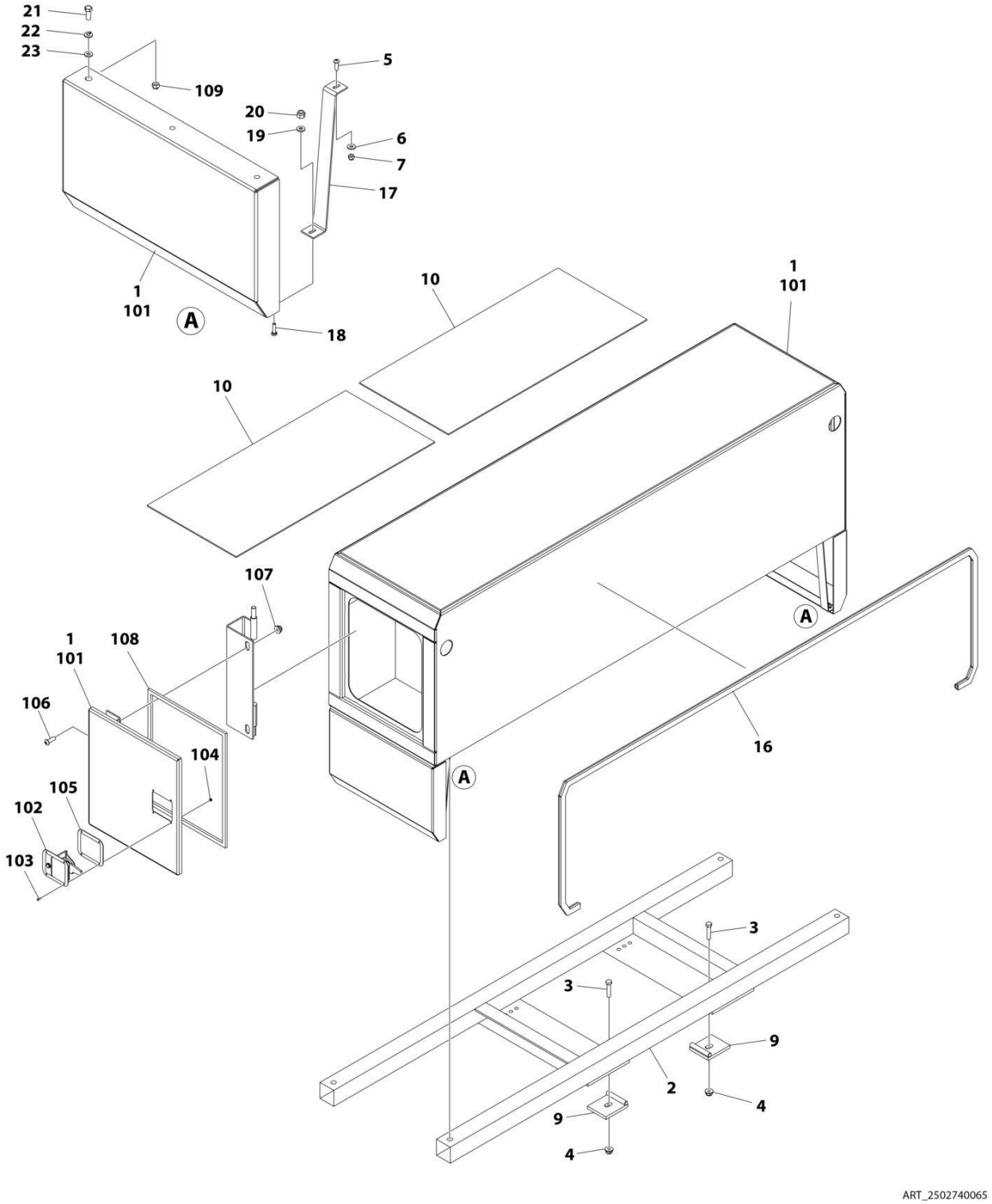


FIGURE 4-69. TUNNEL TOOLBOX INSTALLATION (STEEL) (24IN IMPORT TRUCKS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502740065	Ref	TUNNEL TOOLBOX INSTALLATION (STEEL) (24IN IMPORT TRUCKS)	G
1	1001135062	1	Tunnel Box Assembly (See Items 101-109 for Breakdown)	
2	3455000018	1	Frame	
3	7115181450	4	Bolt 1/2 x 1-3/4	
4	7660182301	4	Nut 1/2	
5	7115161010	4	Screw 3/8 x 1-1/4	
6	7950160161	4	Washer 3/8	
7	7660162601	4	Nut 3/8	
9	3274000007	4	Clamp	
10	4679000090	2	Pad	
11	7552000237	1	Harness, Tunnel Box Extension (Not Shown) (See Separate Breakdown in ELECTRICAL Section)	
16	7796000078	12 ft/4 m	Gasket	
17	4178000187	4	Bracket	
18	7114140611	4	Bolt 1/4 x 3/4	
19	7950140153	4	Washer 1/4	
20	7660142604	4	Nut 1/4	
21	7115160850	6	Bolt 3/8 x 1	
22	7950160000	6	Washer 3/8	
23	7950160161	6	Washer 3/8	
	1001135062	Ref	TUNNEL TOOLBOX ASSEMBLY	A
101	1001135391	1	Box, Tunnel	
102	7595000002	2	Latch, Paddle Handle	
103	7114080418	8	Capscrew #8 x 1/2	
104	7660082500	8	Nut #8	
105	7796000031	2	Gasket	
106	7118160516	4	Bolt 3/8 x 5/8 Grade 8	
107	7660162301	4	Nut 3/8	
108	7595000002	7 in/18 cm	Seal	
109	7413000003	6	Nut 3/8	

FIGURE 4-70. PULL-OUT DRAWER INSTALLATION

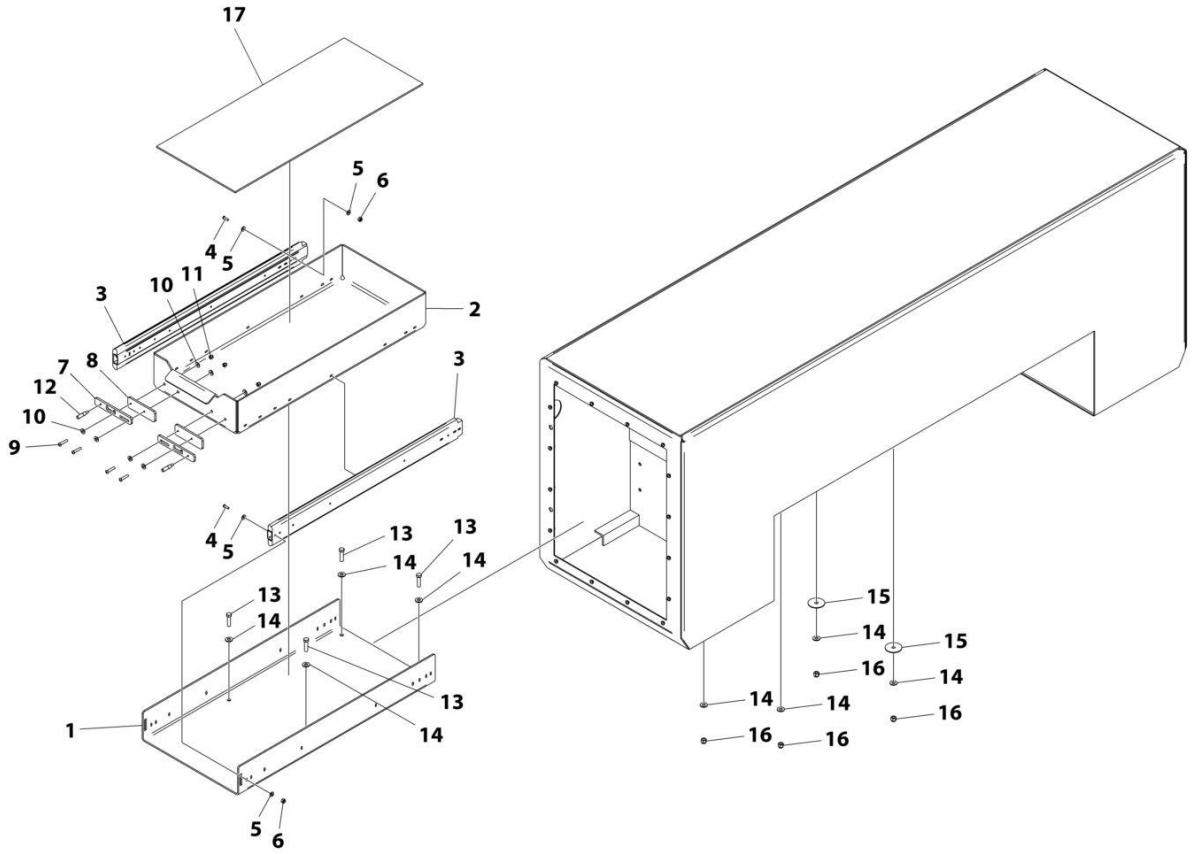


FIGURE 4-70. PULL-OUT DRAWER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2002000034	Ref	PULL-OUT DRAWER - TUNNEL TOOLBOX	B
1	4811001178	1	Sheet	
2	4811001179	1	Sheet	
3	7821000006	1	Slide	
4	0741006	34	Screw #10 x 3/4	
5	7950100103	68	Washer #10	
6	7660102601	34	Nut #10	
7	4706005865	2	Plate	
8	4706005864	2	Plate	
9	7114141018	4	Screw 1/4 x 1-1/4	
10	7950140141	8	Washer 1/4	
11	7660142601	4	Nut 1/4	
12	4763000184	2	Rod	
13	7115161250	4	Bolt 3/8 x 1-1/2	
14	7950160153	8	Washer 3/8	
15	7949000015	2	Washer	
16	7660162601	4	Nut 3/8	
17	4679000253	1	Pad	

FIGURE 4-71. STONE GUARD INSTALLATION (WITHOUT TUNNEL BOX)

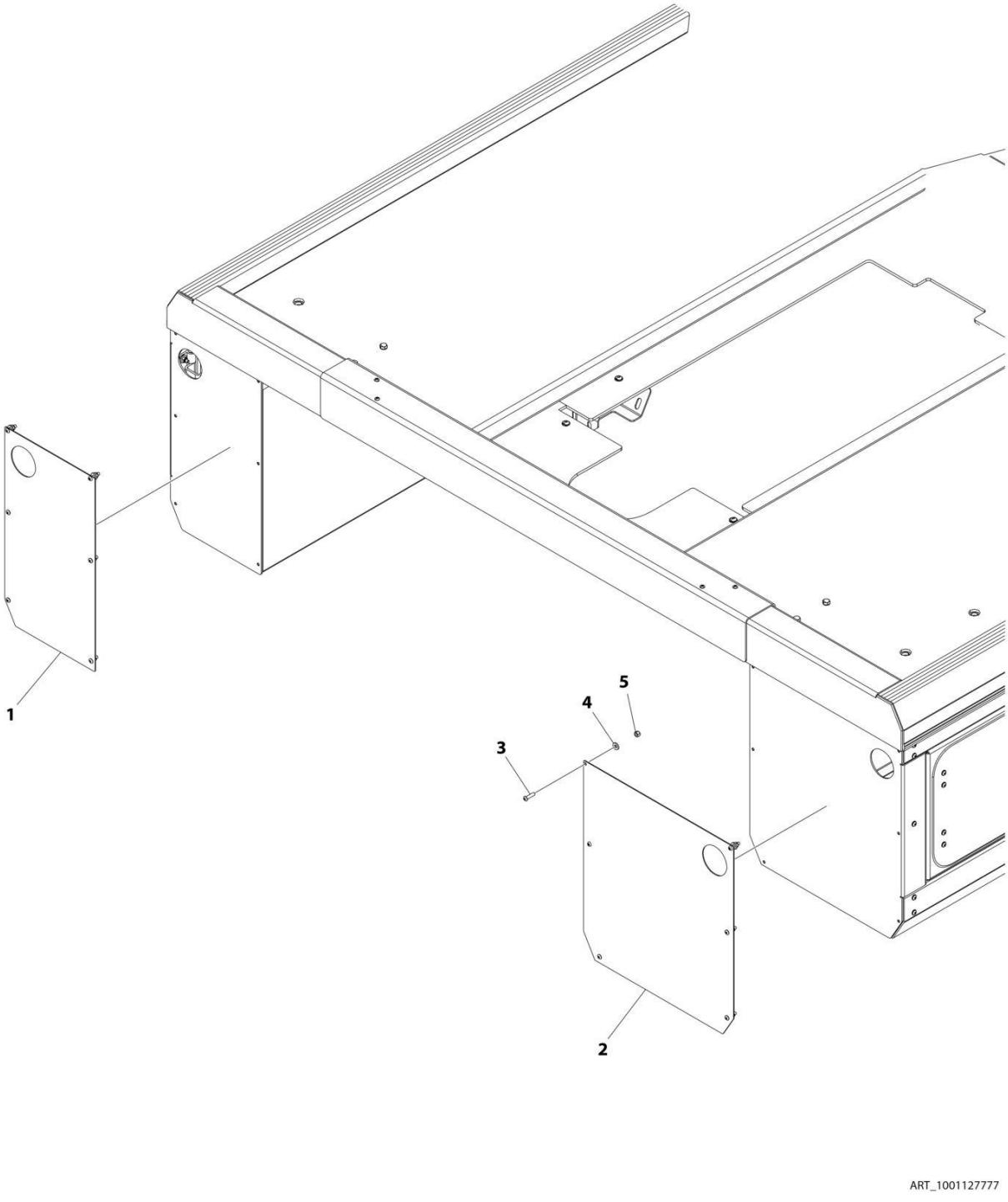
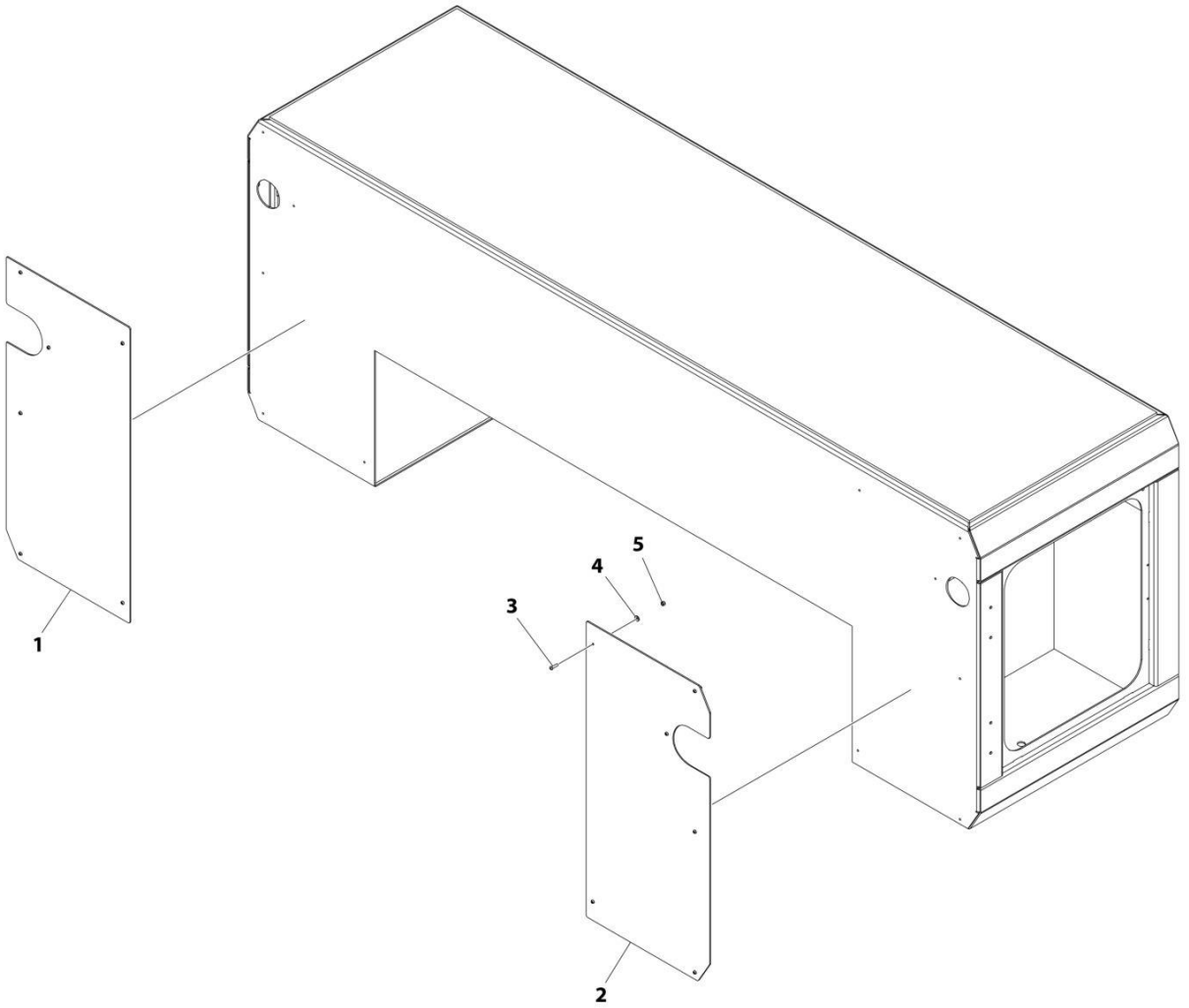


FIGURE 4-71. STONE GUARD INSTALLATION (WITHOUT TUNNEL BOX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001127777	Ref	STONE GUARD INSTALLATION (WITHOUT TUNNEL BOX)	B
1	1001135020	1	Panel, RH	
2	1001135021	1	Panel, LH	
3	7114100618	12	Capscrew #10 x 3/4	
4	7950100103	12	Washer #10	
5	7660102604	12	Nut #10	

FIGURE 4-72. STONE GUARD INSTALLATION (WITH TUNNEL BOX)



ART_1001130412

FIGURE 4-72. STONE GUARD INSTALLATION (WITH TUNNEL BOX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001130412	Ref	STONE GUARD INSTALLATION (WITH TUNNEL BOX)	0
1	1001130420	1	Panel, RH	
2	1001130419	1	Panel, LH	
3	7114100618	12	Capscrew #10 x 3/4	
4	7950100103	12	Washer #10	
5	7660102604	12	Nut #10	

FIGURE 4-73. D-RING INSTALLATION (REAR OF TRUCK) (SN 0230002518 through 0230003707)

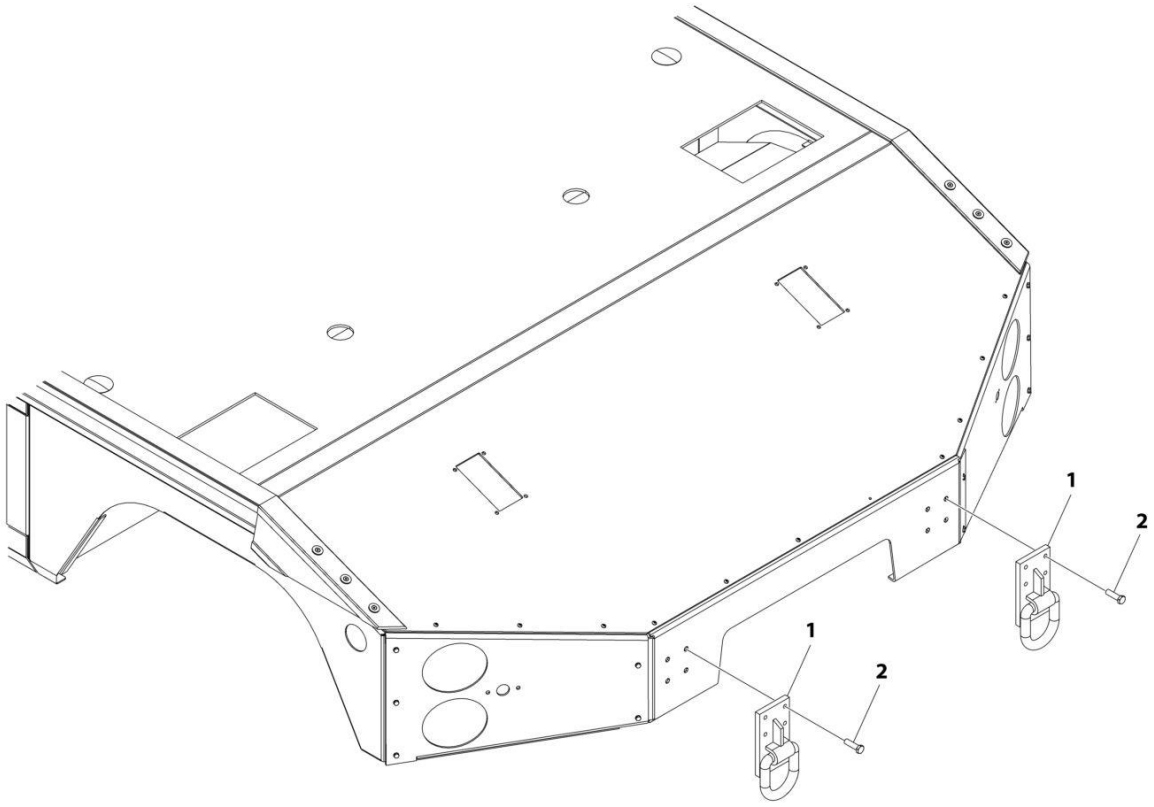


FIGURE 4-73. D-RING INSTALLATION (REAR OF TRUCK) (SN 0230002518 through 0230003707)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502870049	Ref	D-RING INSTALLATION	0
1	3556000022	2	Hitch D-Ring	
2	7115181650	8	Bolt 1/2 x 2	

SECTION 5 - CONTROLS

SECTION 5 - CONTROLS

FIGURE 5-1. CONTROLS AND VALVE INSTALLATION - 3 BANK (MANUAL) (SN 0230002518 through 0230004926)

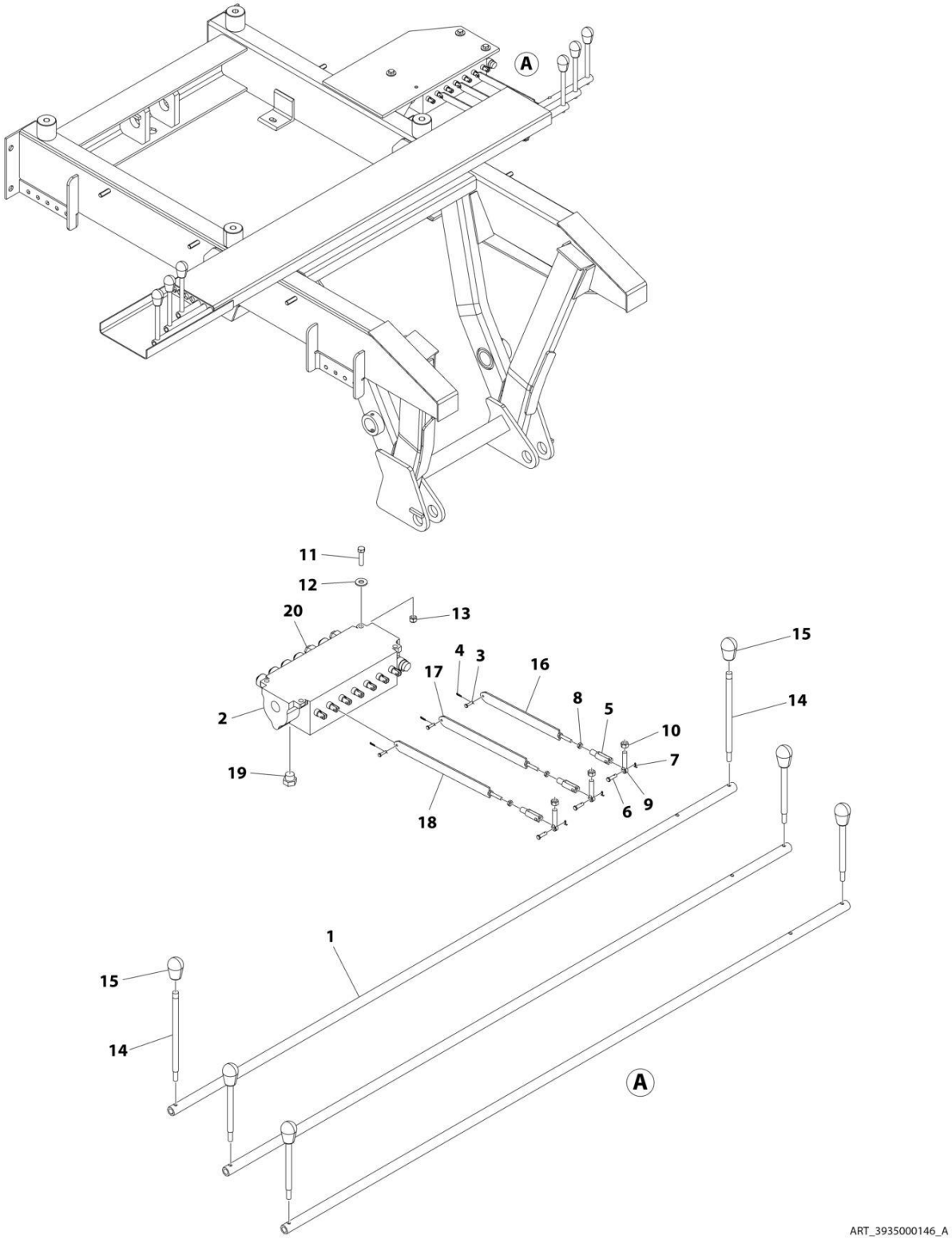


FIGURE 5-1. CONTROLS AND VALVE INSTALLATION - 3 BANK (MANUAL) (SN 0230002518 through 0230004926)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3935000146	Ref	CONTROL AND VALVE ASSEMBLY	A
1	4763000154	3	Rod	
2	7935000261	1	Valve Assembly (See Separate Breakdown in this Section)	
3	7690101200	3	Pin, Clevis	
4	7691000056	3	Pin, Cotter	
5	7990000003	3	Yoke	
6	7690141200	3	Pin, Clevis	
7	7690000810	3	Pin, Cotter	
8	7660140230	3	Nut 1/4	
9	7765000006	3	Rod	
10	7660160000	3	Nut 3/8	
11	7115161250	3	Bolt 3/8 x 1-1/2	
12	7950160252	3	Washer 3/8	
13	7660162601	3	Nut 3/8	
14	4763000150	6	Handle	
15	7551000002	6	Knob	
16	3763000157	1	Rod	
17	3763000158	1	Rod	
18	3763000159	1	Rod	
19	7443000048	8	Plug, Fitting	
20	7701000068	2	Plug Shut-off	

FIGURE 5-2. CONTROLS AND VALVE INSTALLATION - 3 BANK (MANUAL) (SN 0230004626 to Present)

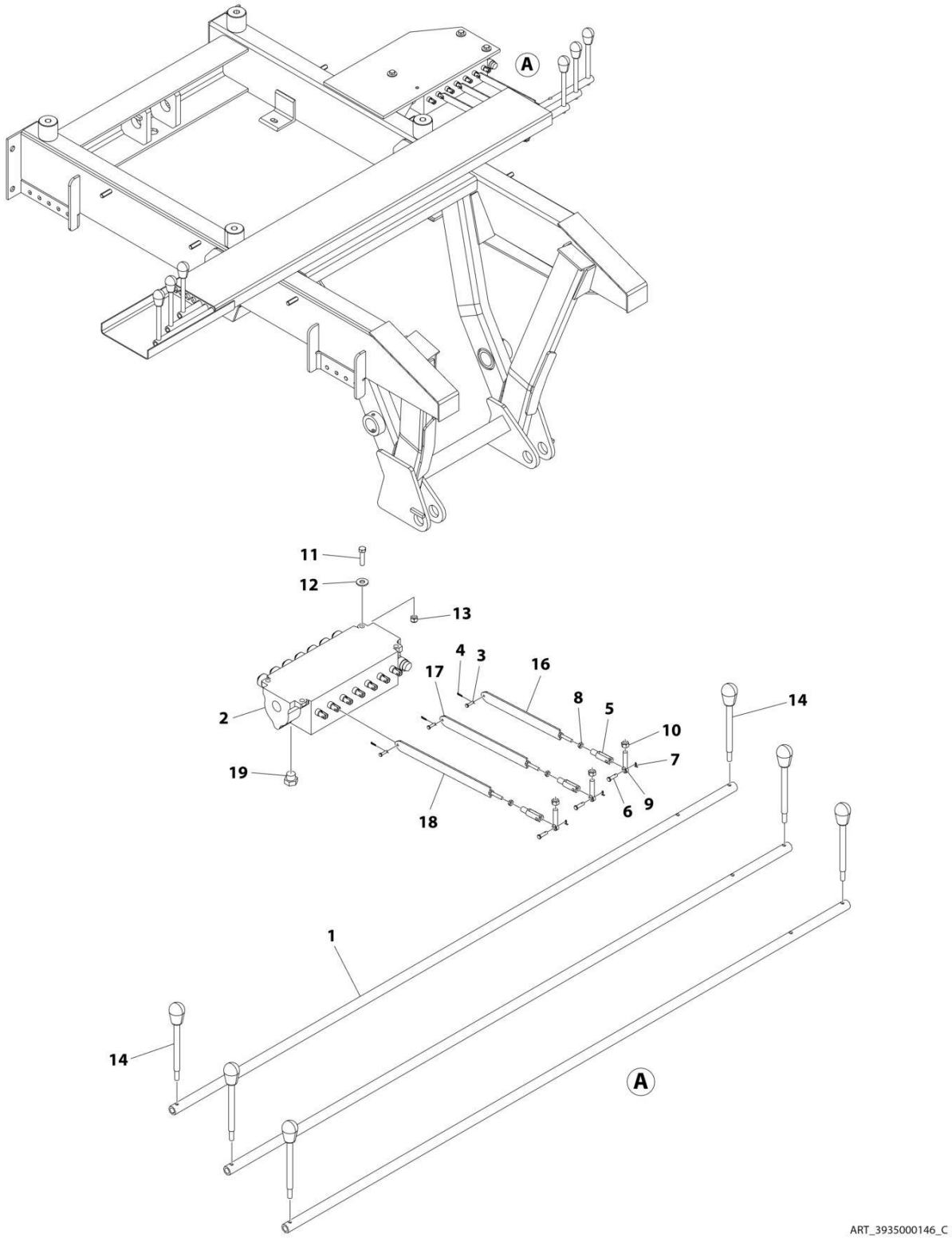


FIGURE 5-2. CONTROLS AND VALVE INSTALLATION - 3 BANK (MANUAL) (SN 0230004626 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3935000146	Ref	CONTROL AND VALVE ASSEMBLY	C
1	4763000154	3	Rod	
2	7935000261	1	Control Valve	
3	7690101200	3	Clevis Pin	
4	7691000056	3	Cotter Hairpin	
5	7990000003	3	Yoke	
6	7690141200	3	Clevis Pin	
7	7690000810	3	Cotter Pin	
8	7660140230	3	Nut 1/4	
9	7765000006	3	Rod	
10	7660160000	3	Nut 3/8	
11	7115161250	3	Bolt 3/8 x 1-1/2	
12	7950160252	3	Washer 3/8	
13	7660162601	3	Nut 3/8	
14	3551000056	6	Handle	
16	3763000157	1	Rod	
17	3763000158	1	Rod	
18	3763000159	1	Rod	
19	7443000048	8	Plug, Fitting	

FIGURE 5-3. CONTROLS AND VALVE INSTALLATION - 4 BANK (MANUAL)

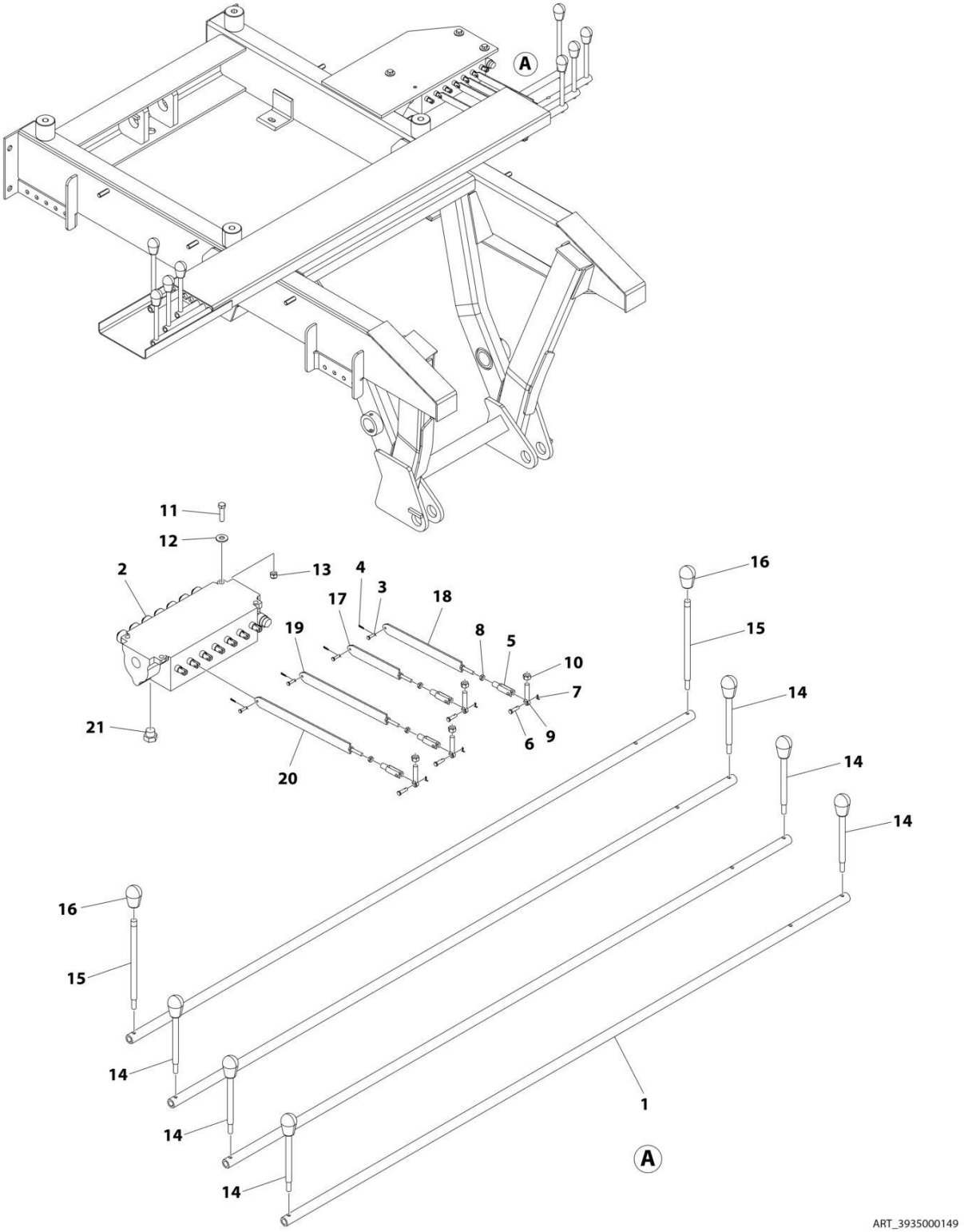


FIGURE 5-3. CONTROLS AND VALVE INSTALLATION - 4 BANK (MANUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3935000149	Ref	CONTROL AND VALVE ASSEMBLY	B
1	4763000154	7	Rod	
2	7935000261	1	Valve Assembly (See Separate Breakdown in this Section)	
3	7690101200	4	Pin, Clevis	
4	7691000056	4	Pin, Cotter	
5	7990000003	4	Yoke	
6	7690141200	4	Pin, Clevis	
7	7690000810	4	Pin, Cotter	
8	7660140230	4	Nut 1/4	
9	7765000006	4	Rod	
10	7660160000	4	Nut 3/8	
11	7115161250	3	Bolt 3/8 x 1-1/2	
12	7950160252	3	Washer 3/8	
13	7660162601	3	Nut 3/8	
14	4763000150	6	Handle	
15	4763000151	2	Handle	
16	7551000002	8	Knob	
17	3763000154	1	Rod	
18	3763000157	1	Rod	
19	3763000158	1	Rod	
20	3763000159	1	Rod	
21	7443000048	8	Plug, Fitting	

FIGURE 5-4. CONTROLS AND VALVE INSTALLATION - 4 BANK (ELECTRIC SOLENOID)

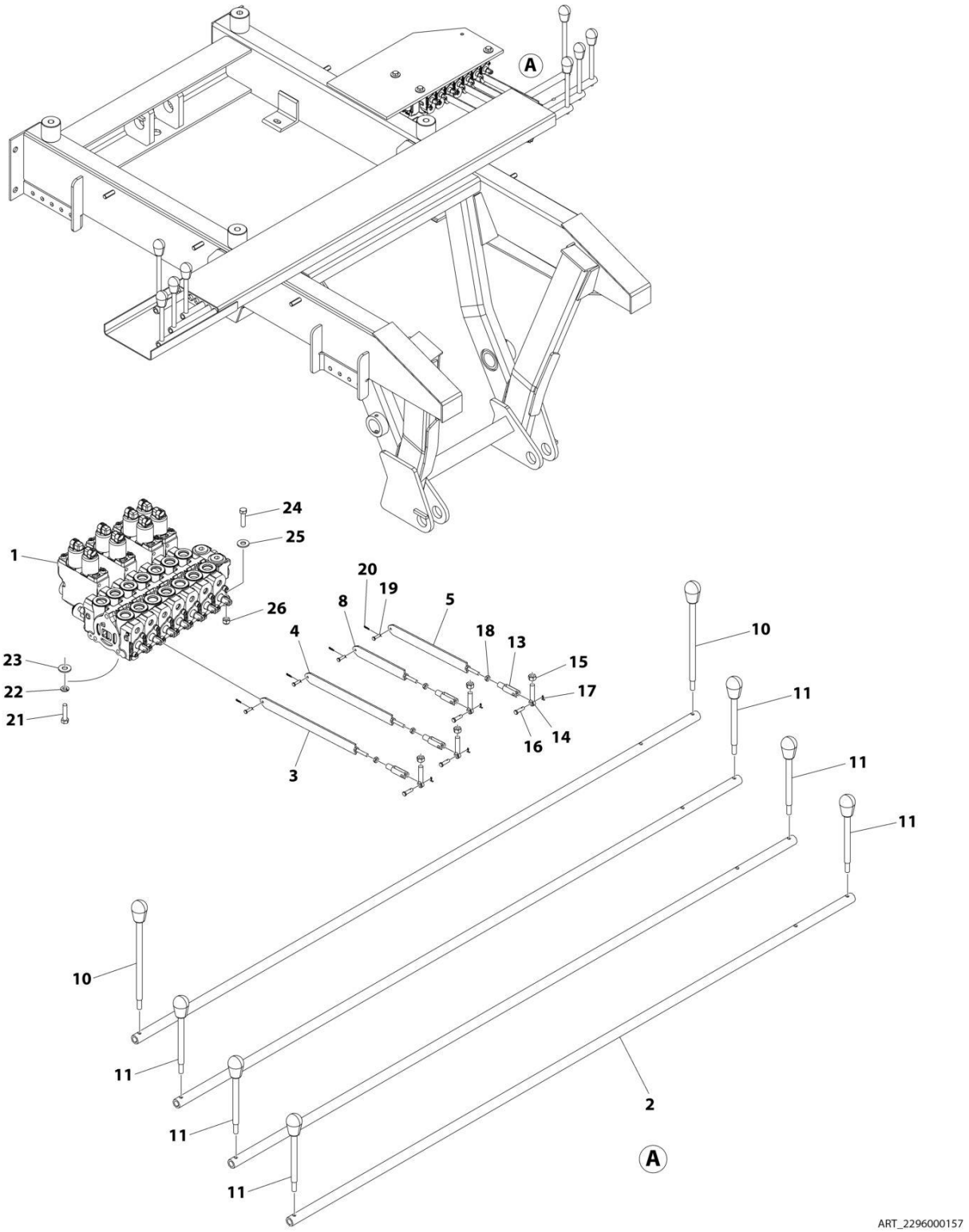


FIGURE 5-4. CONTROLS AND VALVE INSTALLATION - 4 BANK (ELECTRIC SOLENOID)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2296000157	Ref	CONTROLS AND VALVE INSTALLATION	C
1	3935000220	1	Valve Assembly (See Separate Breakdown in this Section)	
2	4763000154	4	Rod	
3	3763000159	1	Rod	
4	3763000158	1	Rod	
5	3763000157	1	Rod	
8	3763000154	1	Rod	
10	3551000057	2	Handle	
10	3551000036	1	Knob	
11	3551000056	6	Handle	
11	3551000036	1	Knob	
13	7990000003	4	Yoke	
14	7765000006	4	Rod	
15	7660160000	4	Nut 3/8	
16	7690141200	4	Pin, Clevis	
17	7690000810	4	Pin, Cotter	
18	7660140230	4	Nut 1/4	
19	7690101200	4	Pin, Clevis	
20	7691000056	4	Pin, Cotter	
21	7115151050	1	Bolt 3/8 x 1-1/2	
22	7950150000	1	Washer 5/16	
23	7950150160	1	Washer 5/16	
24	7115161250	2	Bolt 3/8 x 1-1/2	
25	7950160161	2	Washer 3/8	
26	7660162601	2	Nut 3/8	
27	7443000048	6	Plug, Fitting (Not Shown)	

FIGURE 5-5. CONTROLS AND VALVE INSTALLATION - 6 BANK (MANUAL)

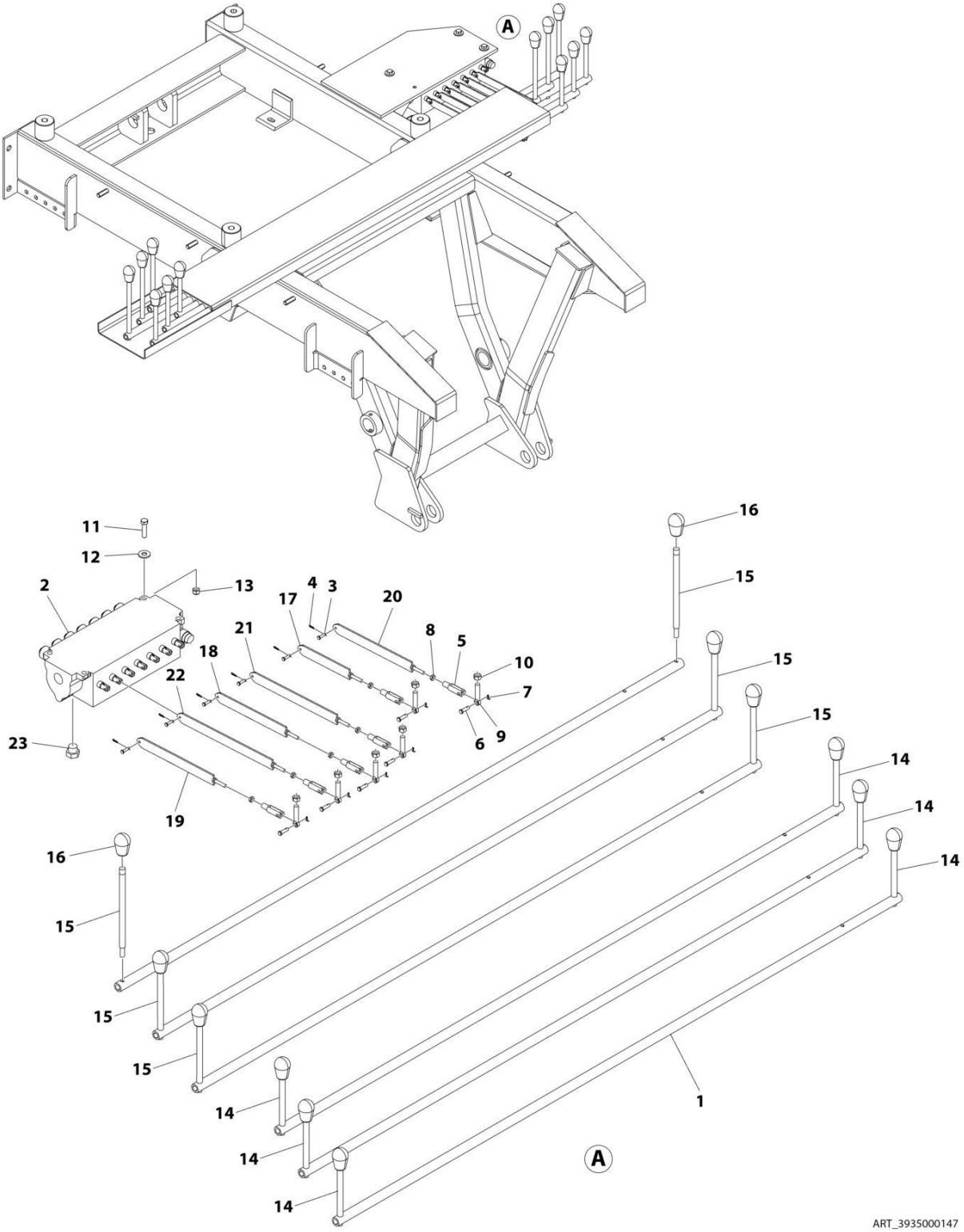


FIGURE 5-5. CONTROLS AND VALVE INSTALLATION - 6 BANK (MANUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3935000147	Ref	CONTROL AND VALVE ASSEMBLY	B
1	4763000154	7	Rod	
2	7935000261	1	Valve Assembly (See Separate Breakdown in this Section)	
3	7690101200	6	Clevis Pin	
4	7691000056	6	Cotter Hairpin	
5	7990000003	6	Yoke	
6	7690141200	6	Clevis Pin	
7	7690000810	6	Cotter Pin	
8	7660140230	6	Nut 1/4	
9	7765000006	6	Rod	
10	7660160000	6	Nut 3/8	
11	7115161250	3	Bolt 3/8 x 1-1/2	
12	7950160252	3	Washer 3/8	
13	7660162601	3	Nut 3/8	
14	4763000150	6	Handle	
15	4763000151	6	Handle	
16	7551000002	12	Knob	
17	3763000154	1	Rod	
18	3763000155	1	Rod	
19	3763000156	1	Rod	
20	3763000157	1	Rod	
21	3763000158	1	Rod	
22	3763000159	1	Rod	
23	7443000048	2	Plug Fitting	

FIGURE 5-6. CONTROLS AND VALVE INSTALLATION - 6 BANK (ELECTRIC SOLENOID)

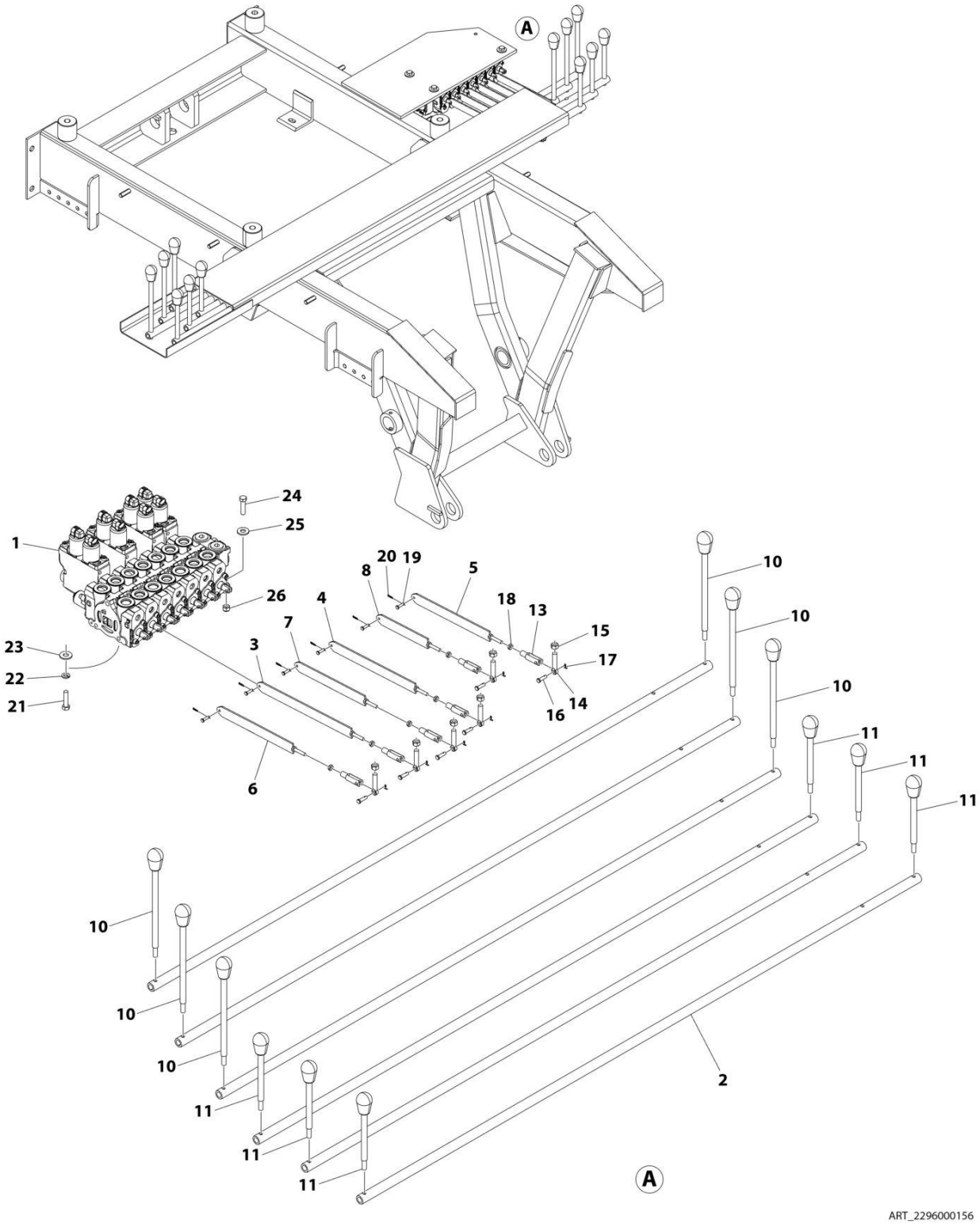


FIGURE 5-6. CONTROLS AND VALVE INSTALLATION - 6 BANK (ELECTRIC SOLENOID)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2296000156	Ref	CONTROLS AND VALVE INSTALLATION	C
1	3935000220	1	Valve Assembly (See Separate Breakdown in this Section)	
2	4763000154	6	Rod	
3	3763000159	1	Rod	
4	3763000158	1	Rod	
5	3763000157	1	Rod	
6	3763000156	1	Rod	
7	3763000155	1	Rod	
8	3763000154	1	Rod	
10	3551000057	6	Handle	
10	3551000036	1	Knob	
11	3551000056	6	Handle	
11	3551000036	1	Knob	
13	7990000003	6	Yoke	
14	7765000006	6	Rod	
15	7660160000	6	Nut 3/8	
16	7690141200	6	Pin, Clevis	
17	7690000810	6	Pin, Cotter	
18	7660140230	6	Nut 1/4	
19	7690101200	6	Pin, Clevis	
20	7691000056	6	Pin, Cotter	
21	7115151050	1	Bolt 3/8 x 1-1/2	
22	7950150000	1	Washer 5/16	
23	7950150160	1	Washer 5/16	
24	7115161250	2	Bolt 3/8 x 1-1/2	
25	7950160161	2	Washer 3/8	
26	7660162601	2	Nut 3/8	
27	7443000048	2	Plug, Fitting	

FIGURE 5-7. CONTROLS AND VALVE INSTALLATION - 7 BANK (MANUAL)

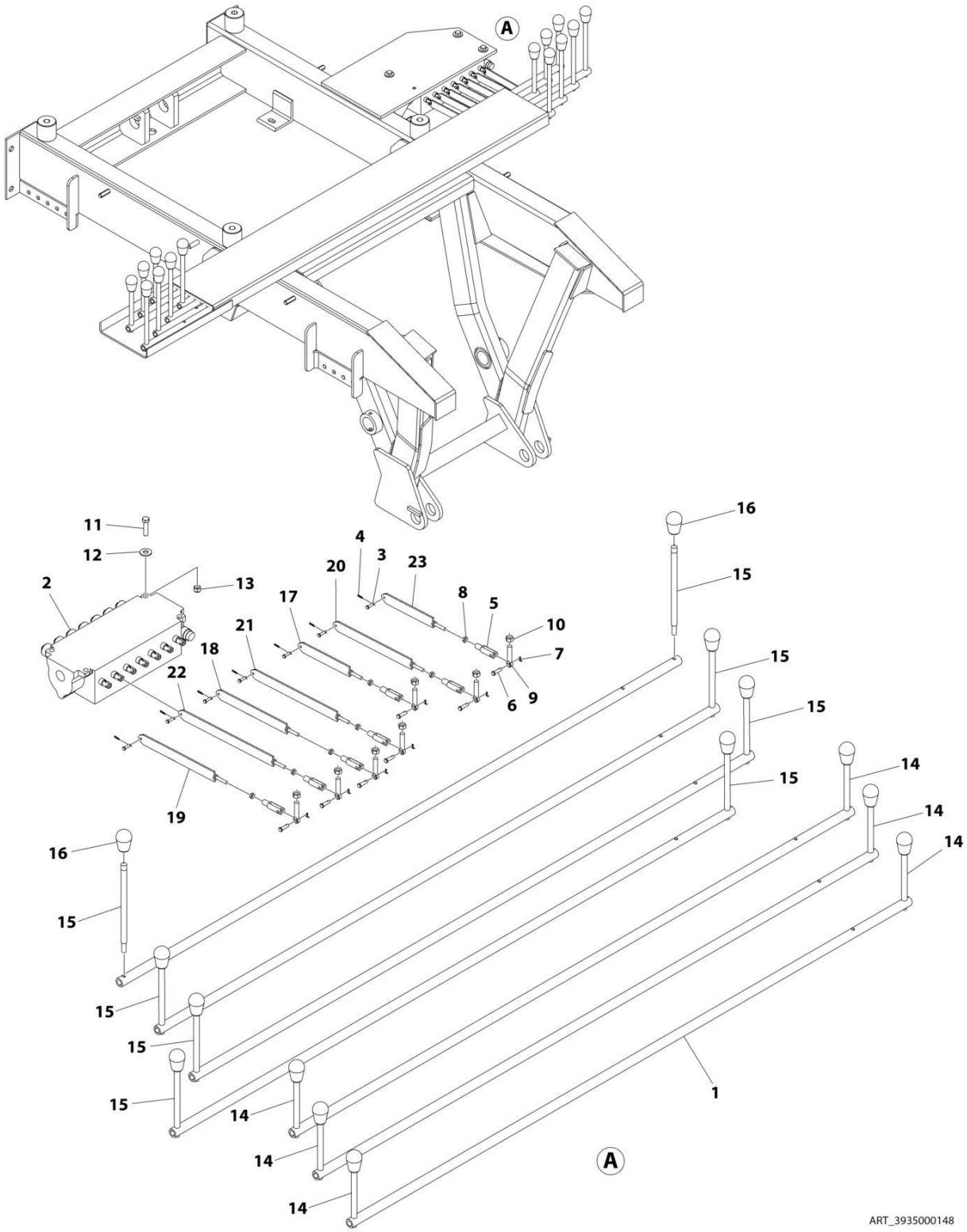


FIGURE 5-7. CONTROLS AND VALVE INSTALLATION - 7 BANK (MANUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3935000148	Ref	CONTROL AND VALVE ASSEMBLY DUAL WINCH	C
1	4763000154	7	Rod	
2	7935000261	1	Valve Assembly (See Separate Breakdown in this Section)	
3	7690101200	7	Clevis Pin	
4	7691000056	7	Cotter Hairpin	
5	7990000003	7	Yoke	
6	7690141200	7	Clevis Pin	
7	7690000810	7	Cotter Pin	
8	7660140230	7	Nut 1/4	
9	7765000006	7	Rod	
10	7660160000	7	Nut 3/8	
11	7115161250	3	Bolt 3/8 x 1-1/2	
12	7950160252	3	Washer 3/8	
13	7660162601	3	Nut 3/8	
14	4763000150	6	Handle	
15	4763000151	8	Handle	
16	7551000002	14	Knob	
17	3763000154	1	Rod	
18	3763000155	1	Rod	
19	3763000156	1	Rod	
20	3763000157	1	Rod	
21	3763000158	1	Rod	
22	3763000159	1	Rod	
23	3763000153	1	Rod	

FIGURE 5-8. CONTROLS AND VALVE INSTALLATION - 7 BANK (MANUAL) (SPEEDWAY)

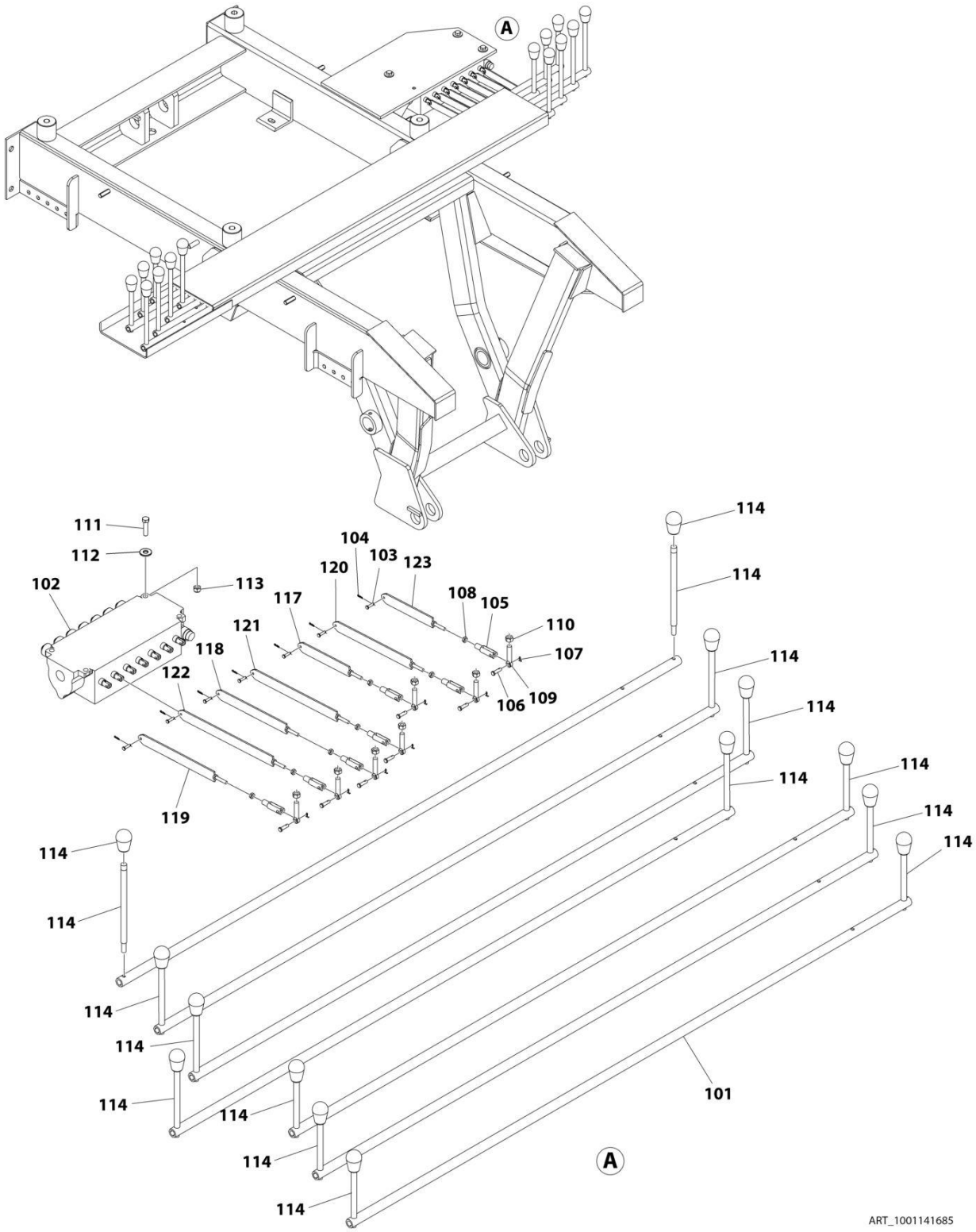


FIGURE 5-8. CONTROLS AND VALVE INSTALLATION - 7 BANK (MANUAL) (SPEEDWAY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141685	Ref	CONTROLS AND VALVE INSTALLATION	A
1	1001141630	Ref	Controls and Valve Assembly (Not Shown)	
101	4763000154	7	Rod	
102	7935000261	1	Valve Assembly (See Separate Breakdown in this Section)	
103	7690101200	7	Clevis Pin	
104	7691000056	7	Cotter Hairpin	
105	7990000003	7	Yoke	
106	7690141200	7	Clevis Pin	
107	7690000810	7	Cotter Pin	
108	7660140230	7	Nut 1/4	
109	7765000006	7	Rod	
110	7660160000	7	Nut 3/8	
111	7115161250	3	Bolt 3/8 x 1-1/2	
112	7950160162	3	Washer 3/8	
113	7660162601	3	Nut 3/8	
114	1001141627	1	Handle	
117	3763000154	1	Rod	
118	3763000155	1	Rod	
119	3763000156	1	Rod	
120	3763000157	1	Rod	
121	3763000158	1	Rod	
122	3763000159	1	Rod	
123	3763000153	1	Rod	

FIGURE 5-9. CONTROLS AND VALVE INSTALLATION - 7 BANK (ELECTRIC 2 SOLENOID)

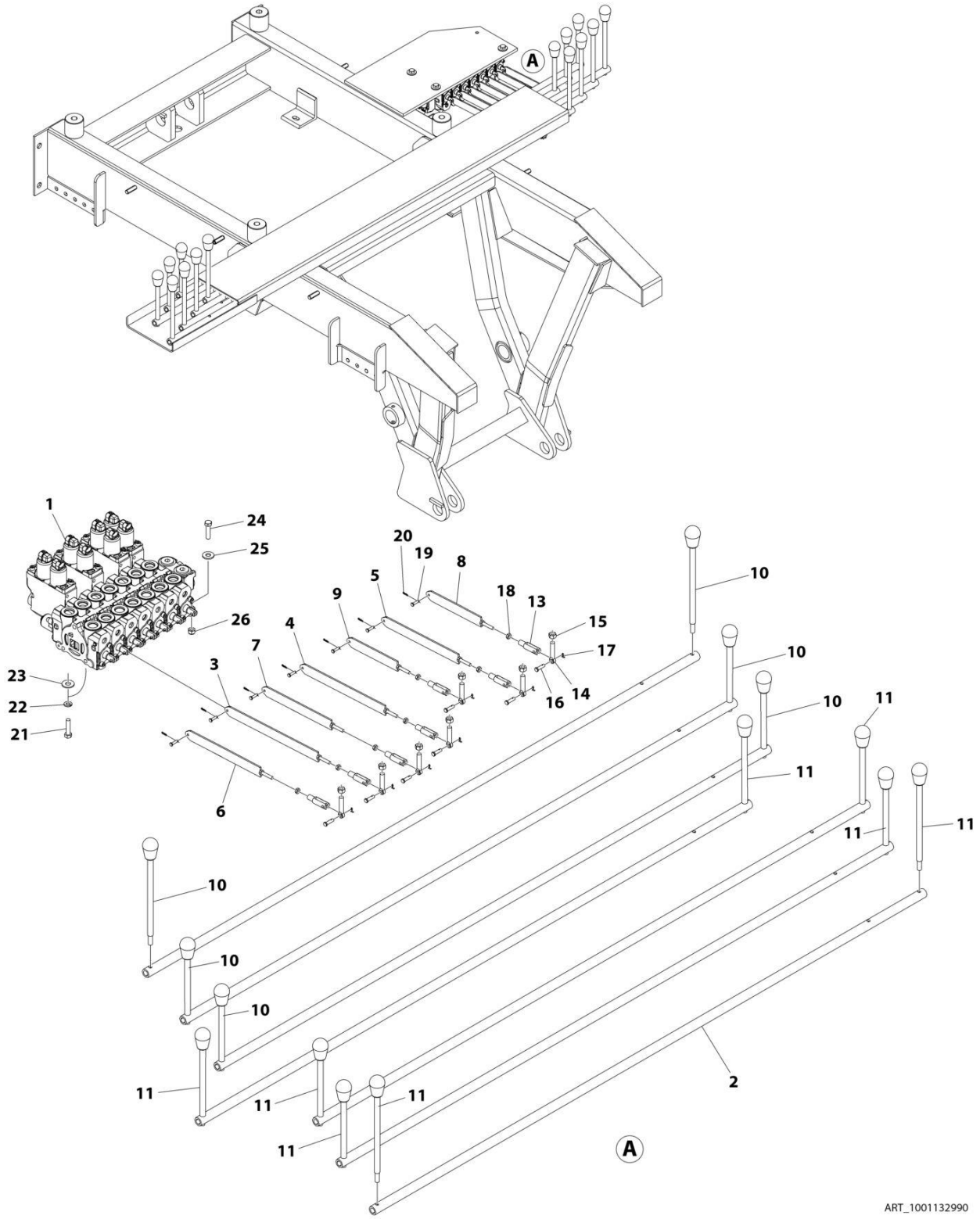


FIGURE 5-9. CONTROLS AND VALVE INSTALLATION - 7 BANK (ELECTRIC 2 SOLENOID)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132990	Ref	CONTROLS AND VALVE INSTALLATION	B
1	1001132190	1	Valve Assembly (See Separate Breakdown in this Section)	
2	4763000154	7	Rod	
3	3763000159	1	Rod	
4	3763000158	1	Rod	
5	3763000157	1	Rod	
6	3763000156	1	Rod	
7	3763000155	1	Rod	
8	3763000154	1	Rod	
9	3763000153	1	Rod	
10	3551000057	8	Handle	
10	3551000036	1	Knob	
11	3551000056	6	Handle	
11	3551000036	1	Knob	
13	7990000003	7	Yoke	
14	7765000006	7	Rod	
15	7660160000	7	Nut 3/8	
16	7690141200	7	Pin, Clevis	
17	7690000810	7	Pin, Cotter	
18	7660140230	7	Nut 1/4	
19	7690101200	7	Pin, Clevis	
20	7691000056	7	Pin, Cotter	
21	7115151050	1	Bolt 3/8 x 1-1/2	
22	7950150000	1	Washer 5/16	
23	7950150160	1	Washer 5/16	
24	7115161250	2	Bolt 3/8 x 1-1/2	
25	7950160161	2	Washer 3/8	
26	7660162601	2	Nut 3/8	

FIGURE 5-10. CONTROLS AND VALVE INSTALLATION - 7 BANK (ELECTRIC 4 SOLENOID)

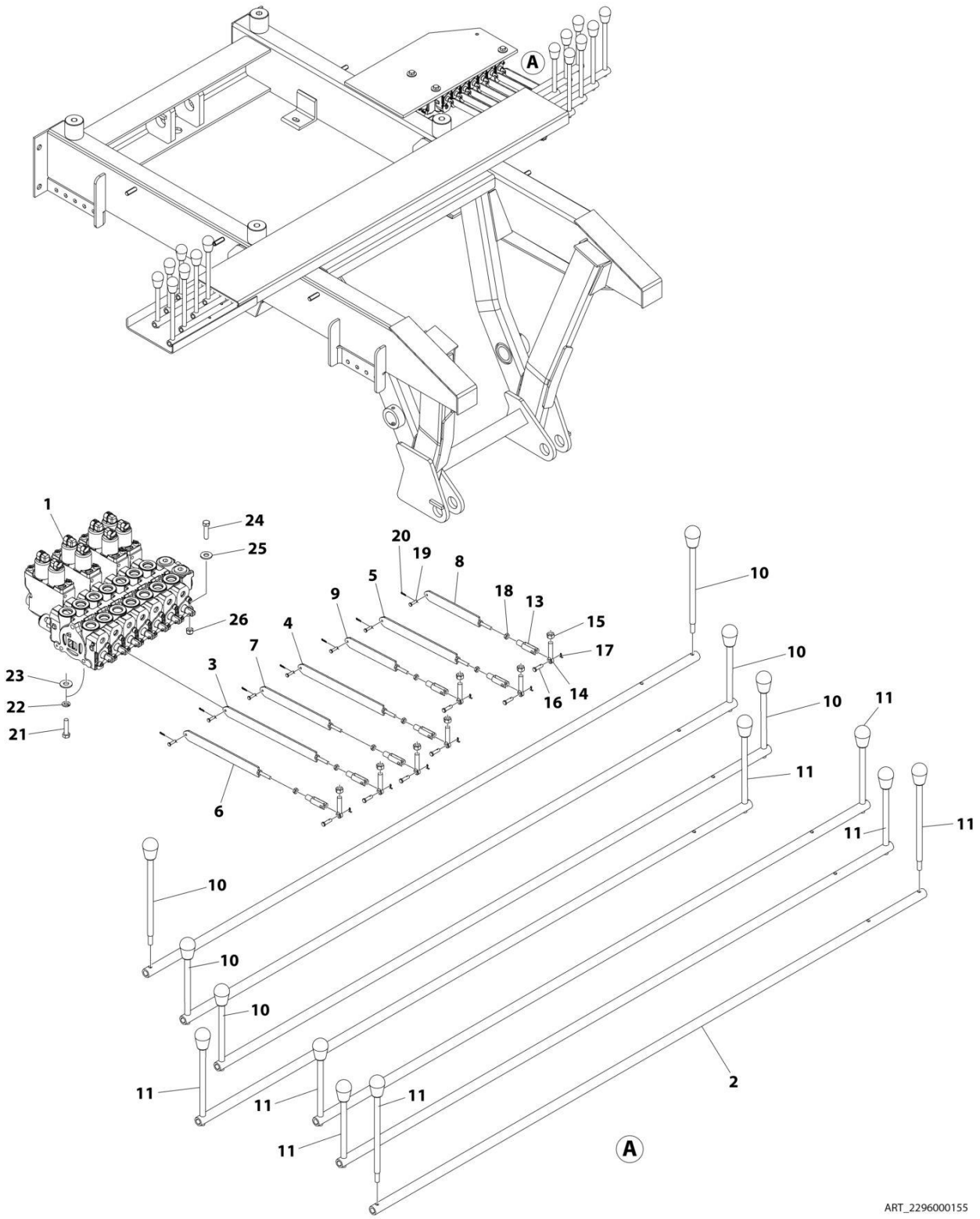


FIGURE 5-10. CONTROLS AND VALVE INSTALLATION - 7 BANK (ELECTRIC 4 SOLENOID)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2296000155	Ref	CONTROLS AND VALVE INSTALLATION – 7 BANK (ELECTRIC 4 SOLENOID)	C
1	3935000220	1	Valve Assembly (See Separate Breakdown in this Section)	
2	4763000154	7	Rod	
3	3763000159	1	Rod	
4	3763000158	1	Rod	
5	3763000157	1	Rod	
6	3763000156	1	Rod	
7	3763000155	1	Rod	
8	3763000154	1	Rod	
9	3763000153	1	Rod	
10	3551000057	8	Handle	
10	3551000036	1	Knob	
11	3551000056	6	Handle	
11	3551000036	1	Knob	
13	7990000003	7	Yoke	
14	7765000006	7	Rod	
15	7660160000	7	Nut 3/8	
16	7690141200	7	Pin, Clevis	
17	7690000810	7	Pin, Cotter	
18	7660140230	7	Nut 1/4	
19	7690101200	7	Pin, Clevis	
20	7691000056	7	Pin, Cotter	
21	7115151050	1	Bolt 3/8 x 1-1/2	
22	7950150000	1	Washer 5/16	
23	7950150160	1	Washer 5/16	
24	7115161250	2	Bolt 3/8 x 1-1/2	
25	7950160161	2	Washer 3/8	
26	7660162601	2	Nut 3/8	

FIGURE 5-11. CONTROLS AND VALVE INSTALLATION - 7 BANK (ELECTRIC 7 SOLENOID)

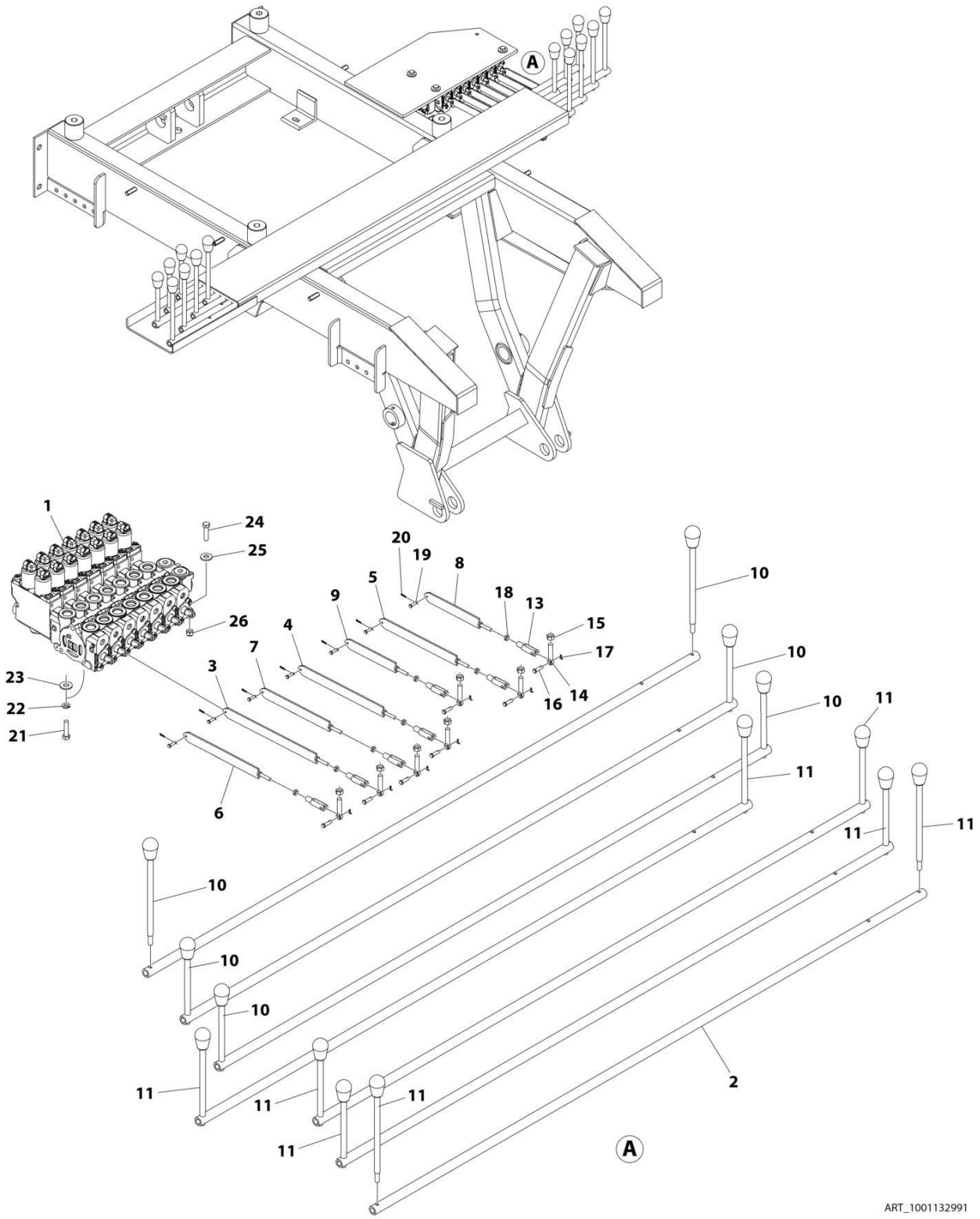
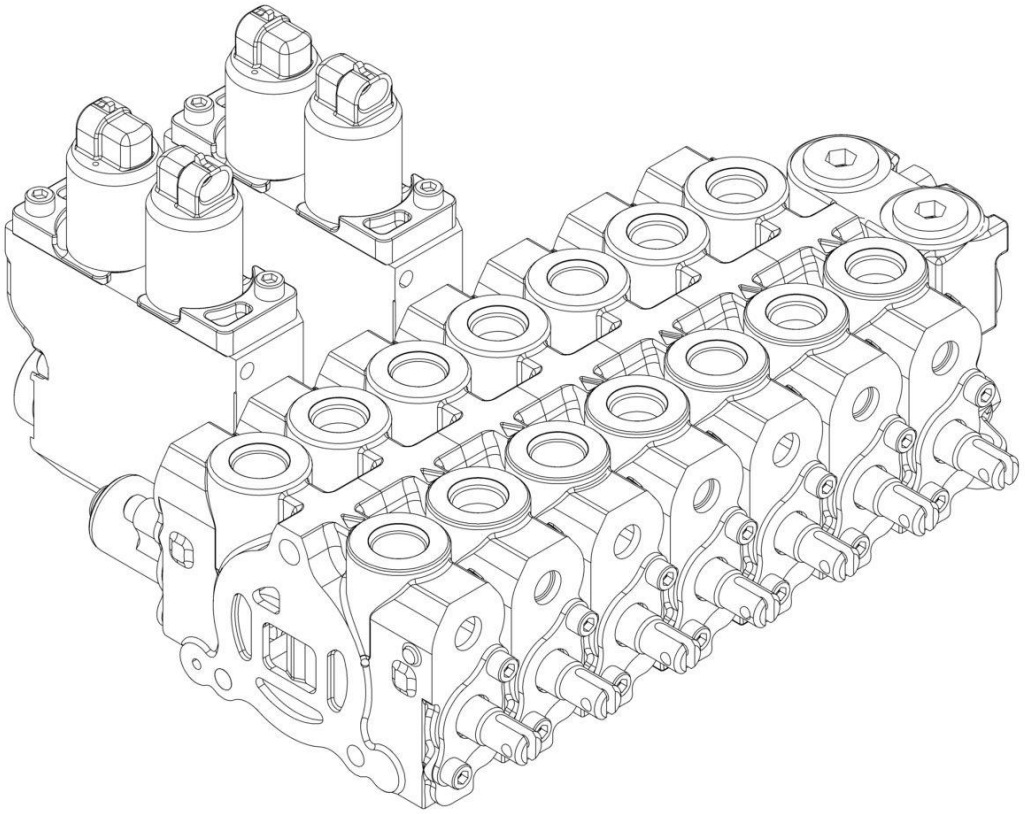


FIGURE 5-11. CONTROLS AND VALVE INSTALLATION - 7 BANK (ELECTRIC 7 SOLENOID)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132991	Ref	CONTROLS AND VALVE INSTALLATION	B
1	1001132316	1	Valve Assembly (See Separate Breakdown in this Section)	
2	4763000154	7	Rod	
3	3763000159	1	Rod	
4	3763000158	1	Rod	
5	3763000157	1	Rod	
6	3763000156	1	Rod	
7	3763000155	1	Rod	
8	3763000154	1	Rod	
9	3763000153	1	Rod	
10	3551000057	8	Handle	
10	3551000036	1	Knob	
11	3551000056	6	Handle	
11	3551000036	1	Knob	
13	7990000003	7	Yoke	
14	7765000006	7	Rod	
15	7660160000	7	Nut 3/8	
16	7690141200	7	Pin, Clevis	
17	7690000810	7	Pin, Cotter	
18	7660140230	7	Nut 1/4	
19	7690101200	7	Pin, Clevis	
20	7691000056	7	Pin, Cotter	
21	7115151050	1	Bolt 3/8 x 1-1/2	
22	7950150000	1	Washer 5/16	
23	7950150160	1	Washer 5/16	
24	7115161250	2	Bolt 3/8 x 1-1/2	
25	7950160161	2	Washer 3/8	
26	7660162601	2	Nut 3/8	

FIGURE 5-12. CONTROL VALVE ASSEMBLY (ELECTRIC 2 SOLENOID)

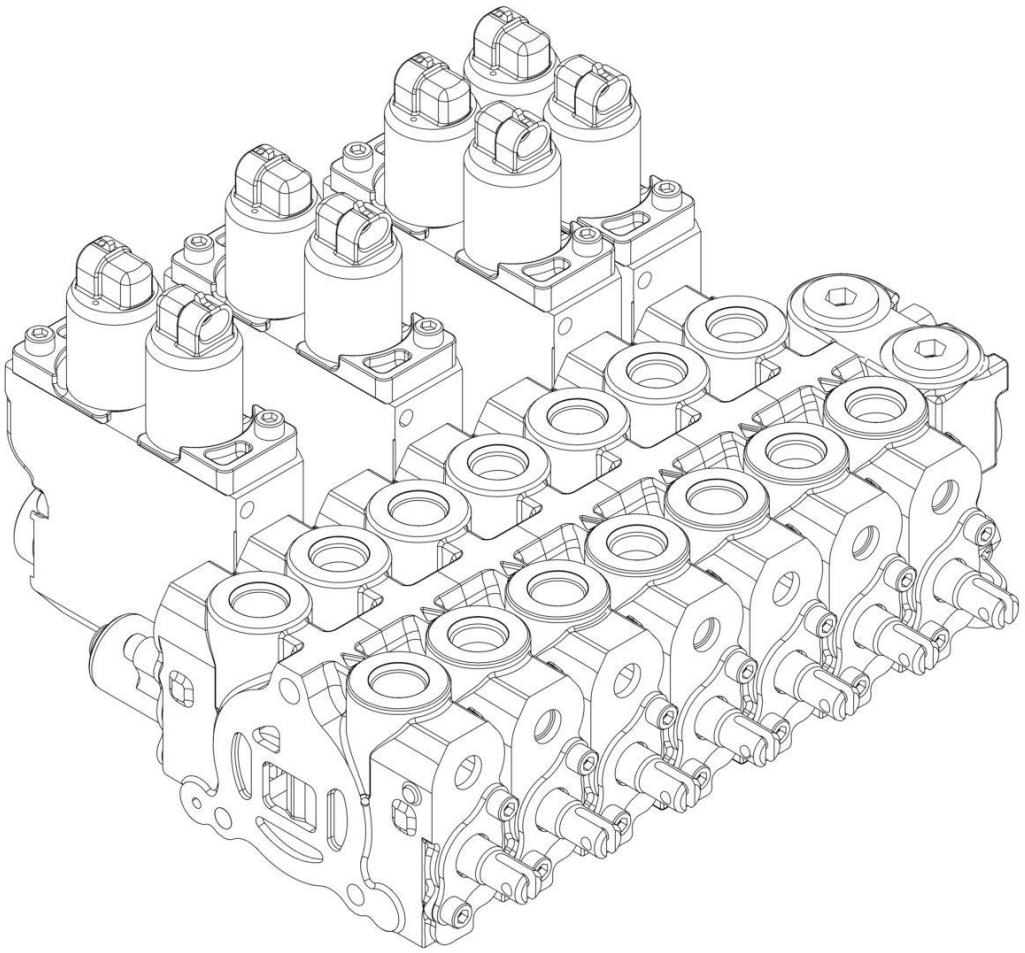


ART_1001132190

FIGURE 5-12. CONTROL VALVE ASSEMBLY (ELECTRIC 2 SOLENOID)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132190	Ref	CONTROL VALVE ASSEMBLY (ELECTRIC 2 SOLENOID)	A
		Ref	Note: No Service Parts Available at Time of Printing	

FIGURE 5-13. CONTROL VALVE ASSEMBLY (ELECTRIC 4 SOLENOID)

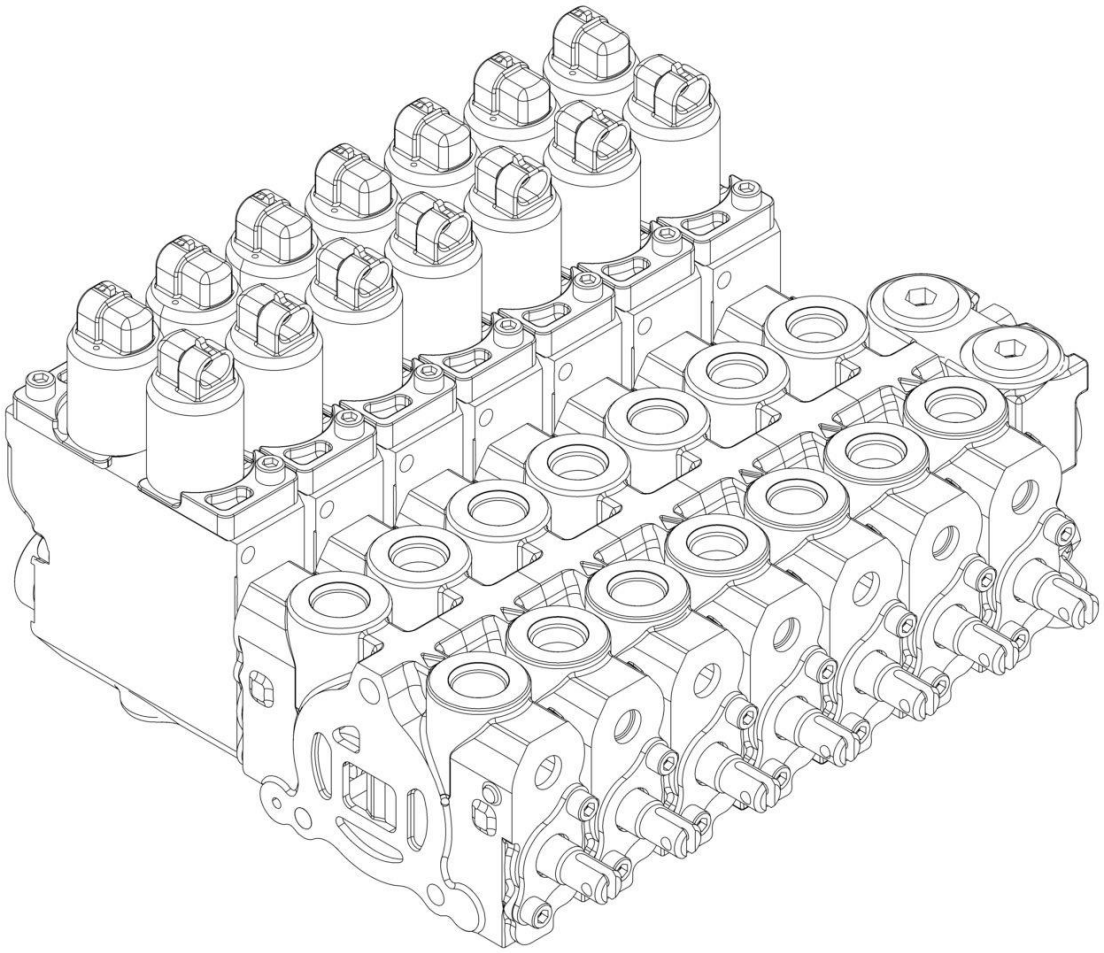


ART_3935000220

FIGURE 5-13. CONTROL VALVE ASSEMBLY (ELECTRIC 4 SOLENOID)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3935000220	Ref	CONTROL VALVE ASSEMBLY (ELECTRIC 4 SOLENOID)	C
		Ref	Note: No Service Parts Available at Time of Printing	

FIGURE 5-14. CONTROL VALVE ASSEMBLY (ELECTRIC 7 SOLENOID)



ART_1001132190

FIGURE 5-14. CONTROL VALVE ASSEMBLY (ELECTRIC 7 SOLENOID)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132316	Ref	CONTROL VALVE ASSEMBLY (ELECTRIC 7 SOLENOID)	C
		Ref	Note: No Service Parts Available at Time of Printing	

FIGURE 5-15. VALVE ASSEMBLY (MANUAL)

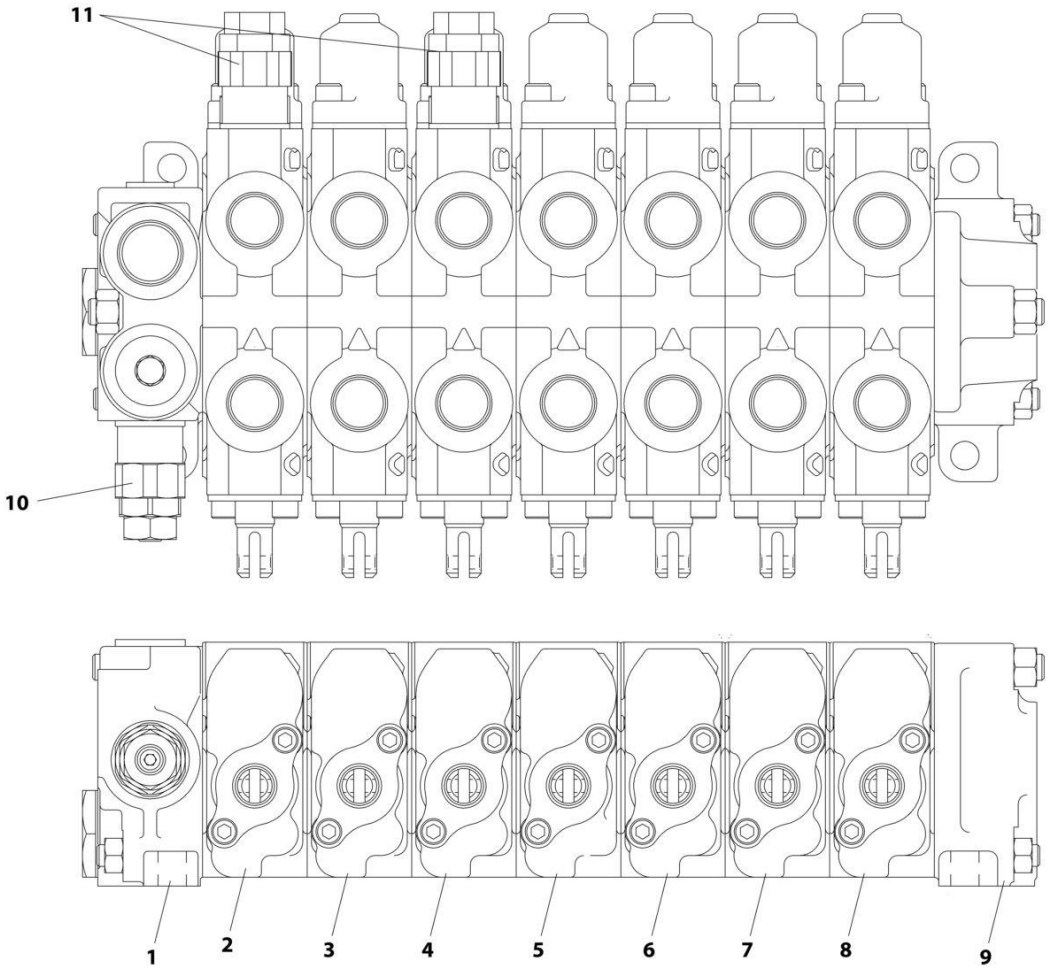


FIGURE 5-15. VALVE ASSEMBLY (MANUAL)

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	

FIGURE 5-16. REMOTE CONTROL INSTALLATION

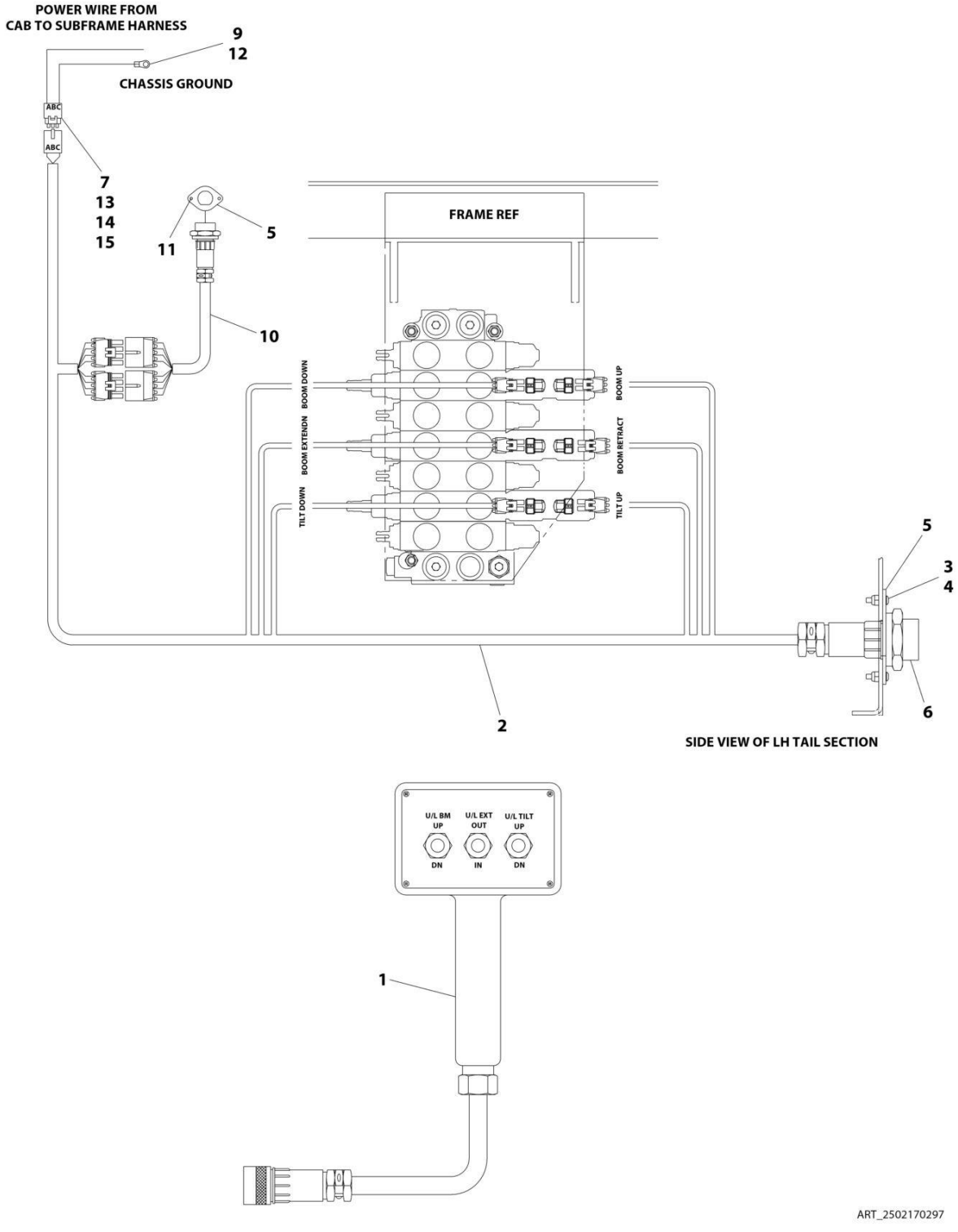


FIGURE 5-16. REMOTE CONTROL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502170297	Ref	REMOTE CONTROL INSTALLATION	D
1	7295000105	1	Controller, Handheld	
2	7552000329	1	Harness, Remote Control (See Separate Breakdown in ELECTRICAL Section)	
3	7114080618	2	Screw #8 x 3/4	
4	7660082604	2	Nut #8	
5	4706003402	2	Plate	
6	7346000068	1	Dust Cap	
7	7346000139	1	Connector - 3 Position	
9	7345221702	1	Terminal, Ring	
10	7552000286	1	Harness, Remote Control (in CAB) (See Separate Breakdown in ELECTRICAL Section)	
11	1001197476	2	Rivet	
12	7346000039	AR	Tube	
13	7346000099	2	Terminal	
14	7346000037	2	Seal, Terminal	
15	7346000104	1	Plug, Terminal	

FIGURE 5-17. REMOTE CONTROL INSTALLATION (GSA SPECS)

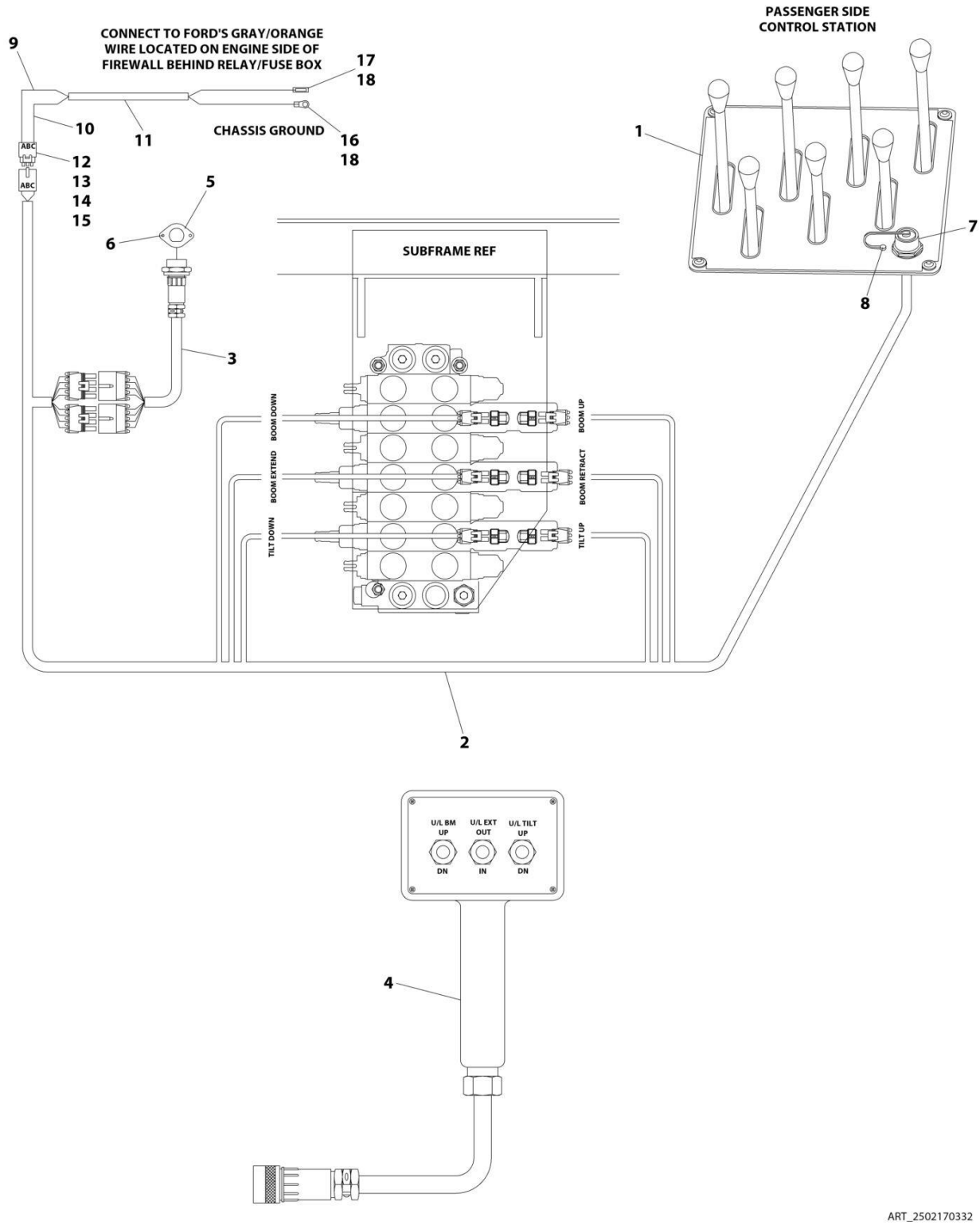


FIGURE 5-17. REMOTE CONTROL INSTALLATION (GSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502170332	Ref	REMOTE CONTROL INSTALLATION (GSA SPECS)	B
1	4314000233	1	Valve Assembly (See Separate Breakdown in this Section)	
2	7552000329	1	Harness, Remote Control (See Separate Breakdown in ELECTRICAL Section)	
3	7552000286	1	Harness, Remote Control (in CAB) (See Separate Breakdown in ELECTRICAL Section)	
4	7295000105	1	Controller, Handheld	
5	4706003402	1	Plate	
6	1001197476	2	Rivet	
7	7346000068	1	Dust Cap	
8	7759000004	1	Pop Rivet	
9	8977010400	10	Wire	
10	8977010300	10	Wire	
11	8597650002	10	Wire	
12	7346000139	1	Connector - 3 Position	
13	7346000099	2	Terminal	
14	7346000037	2	Seal, Terminal	
15	7346000104	1	Plug, Terminal	
16	7345221702	1	Terminal, Ring	
17	7345001714	1	Terminal	
18	7346000039	AR	Tube	

FIGURE 5-18. HANDLE LEVER ASSEMBLY - 8000LBS WINCH (LH)

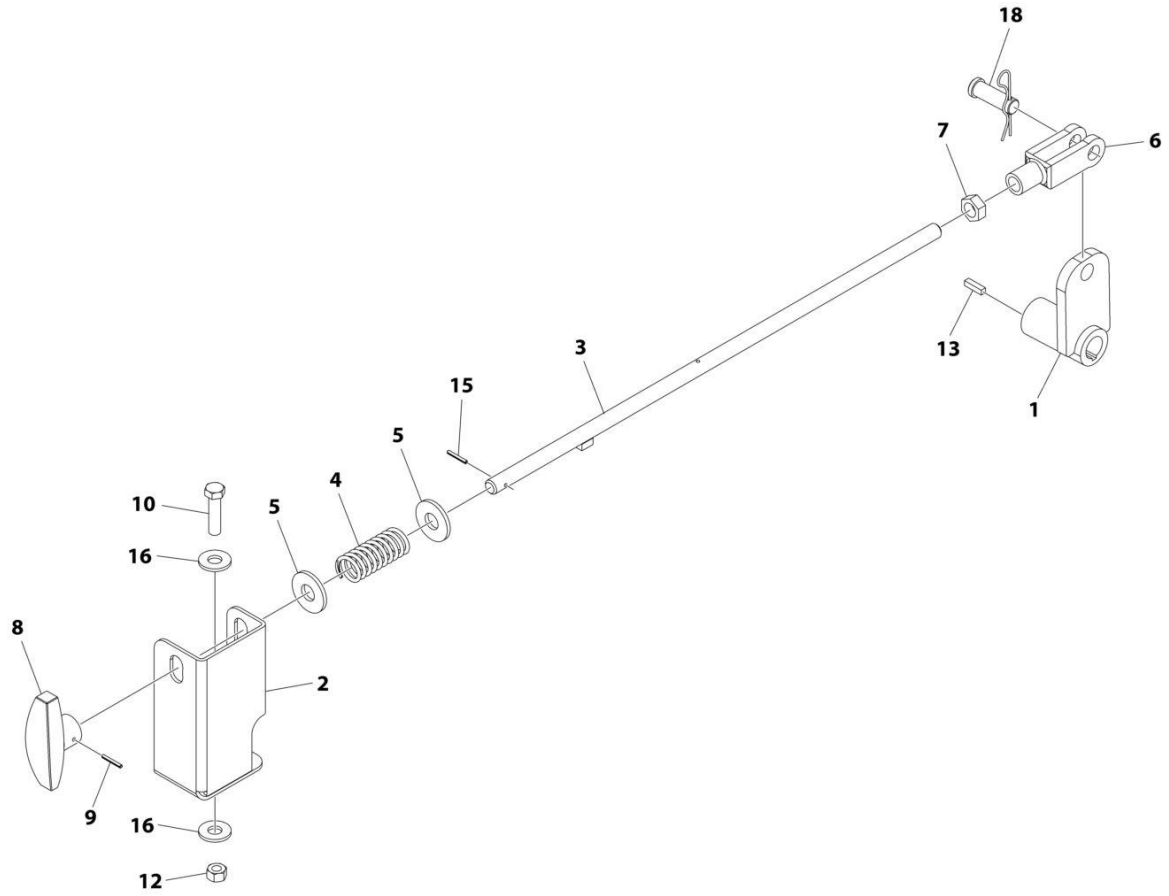


FIGURE 5-18. HANDLE LEVER ASSEMBLY - 8000LBS WINCH (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2587000004	Ref	HANDLE LEVER INSTALLATION	I
1	3587000007	1	Lever	
2	4178000166	1	Bracket	
3	3587000008	1	Handle	
4	7843000010	1	Spring	
5	7950180161	2	Washer 1/2	
6	7990000011	1	Yoke	
7	7660180030	1	Nut 1/2	
8	4551000005	1	T-Handle	
9	7690051641	1	Pin	
10	7115161250	1	Bolt 3/8 x 1-1/2	
12	7660160000	1	Nut 3/8	
13	4575060600	1	Key	
15	7690102041	1	Pin	
16	7950160162	2	Washer 3/8	
18	1001179025	1	Pin	

FIGURE 5-19. HANDLE LEVER ASSEMBLY - 8000LBS WINCH (RH)

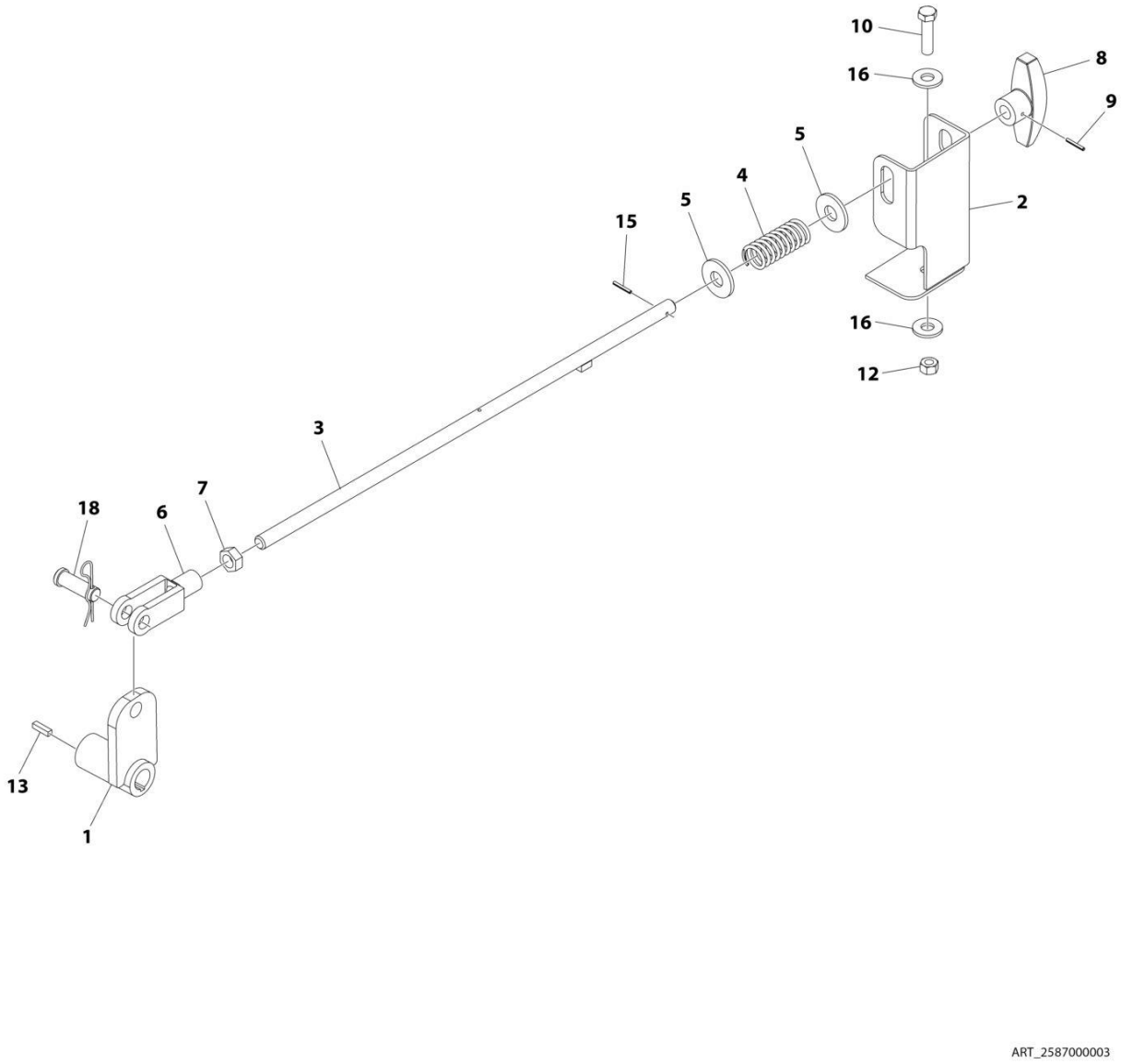


FIGURE 5-19. HANDLE LEVER ASSEMBLY - 8000LBS WINCH (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2587000003	Ref	HANDLE LEVER INSTALLATION	I
1	3587000007	1	Lever	
2	4178000167	1	Bracket	
3	3587000008	1	Handle	
4	7843000010	1	Spring	
5	7950180161	2	Washer 1/2	
6	7990000011	1	Yoke	
7	7660180030	1	Nut 1/2	
8	4551000005	1	T-Handle	
9	7690051641	1	Pin	
10	7115161250	1	Bolt 3/8 x 1-1/2	
12	7660160000	1	Nut 3/8	
13	4575060600	1	Key	
15	7690102041	1	Pin	
16	7950160162	2	Washer 3/8	
18	1001179025	1	Pin	

FIGURE 5-20. HANDLE LEVER ASSEMBLY - 8000LBS WINCH (LH) (SPEEDWAY SPECS)

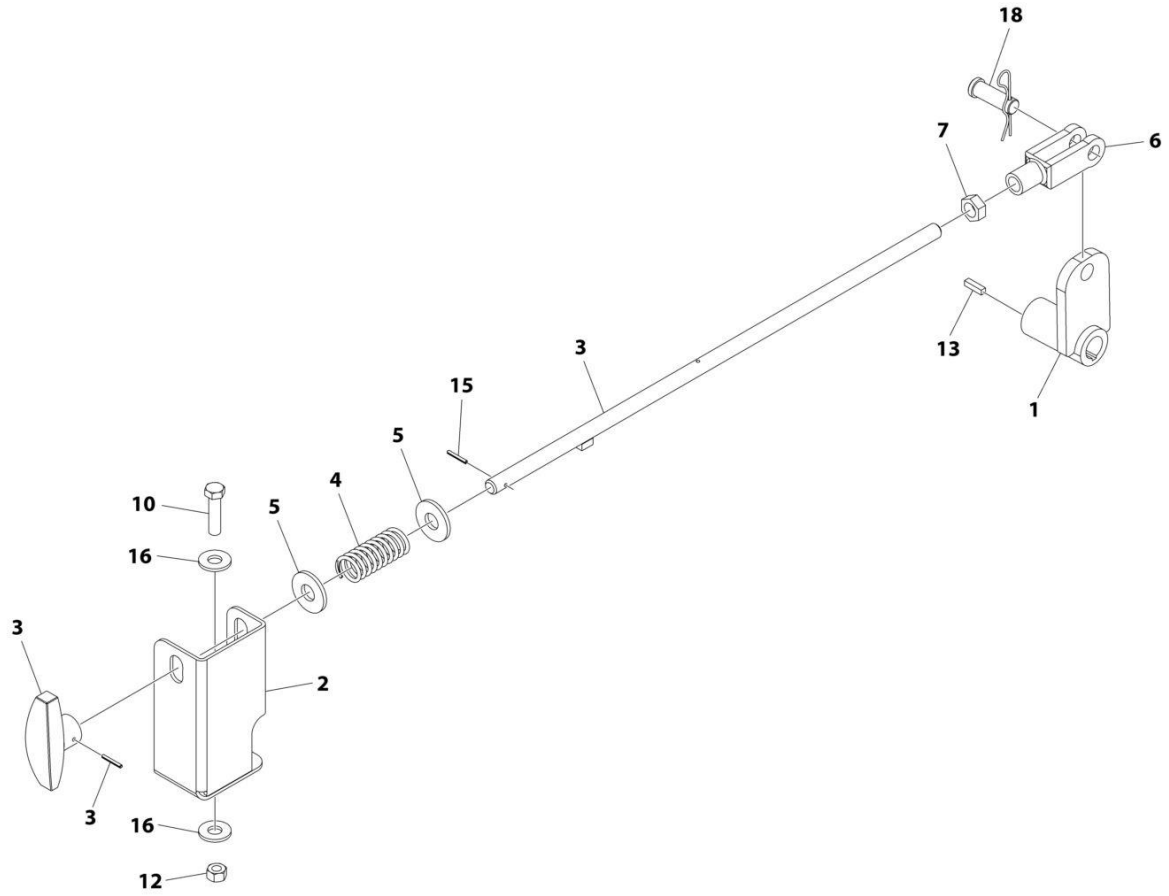


FIGURE 5-20. HANDLE LEVER ASSEMBLY - 8000LBS WINCH (LH) (SPEEDWAY SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142233	Ref	HANDLE LEVER INSTALLATION	B
1	3587000007	1	Lever	
2	4178000166	1	Bracket	
3	1001142231	1	Handle	
4	7843000010	1	Spring	
5	7950180161	2	Washer 1/2	
6	7990000011	1	Yoke	
7	7660180030	1	Nut 1/2	
10	7115161250	1	Bolt 3/8 x 1-1/2	
12	7660160000	1	Nut 3/8	
13	4575060600	1	Key	
15	7690102041	1	Pin	
16	7950160162	2	Washer 3/8	
18	1001179025	1	Pin	

FIGURE 5-21. HANDLE LEVER ASSEMBLY - 8000LBS WINCH (RH) (SPEEDWAY SPECS)

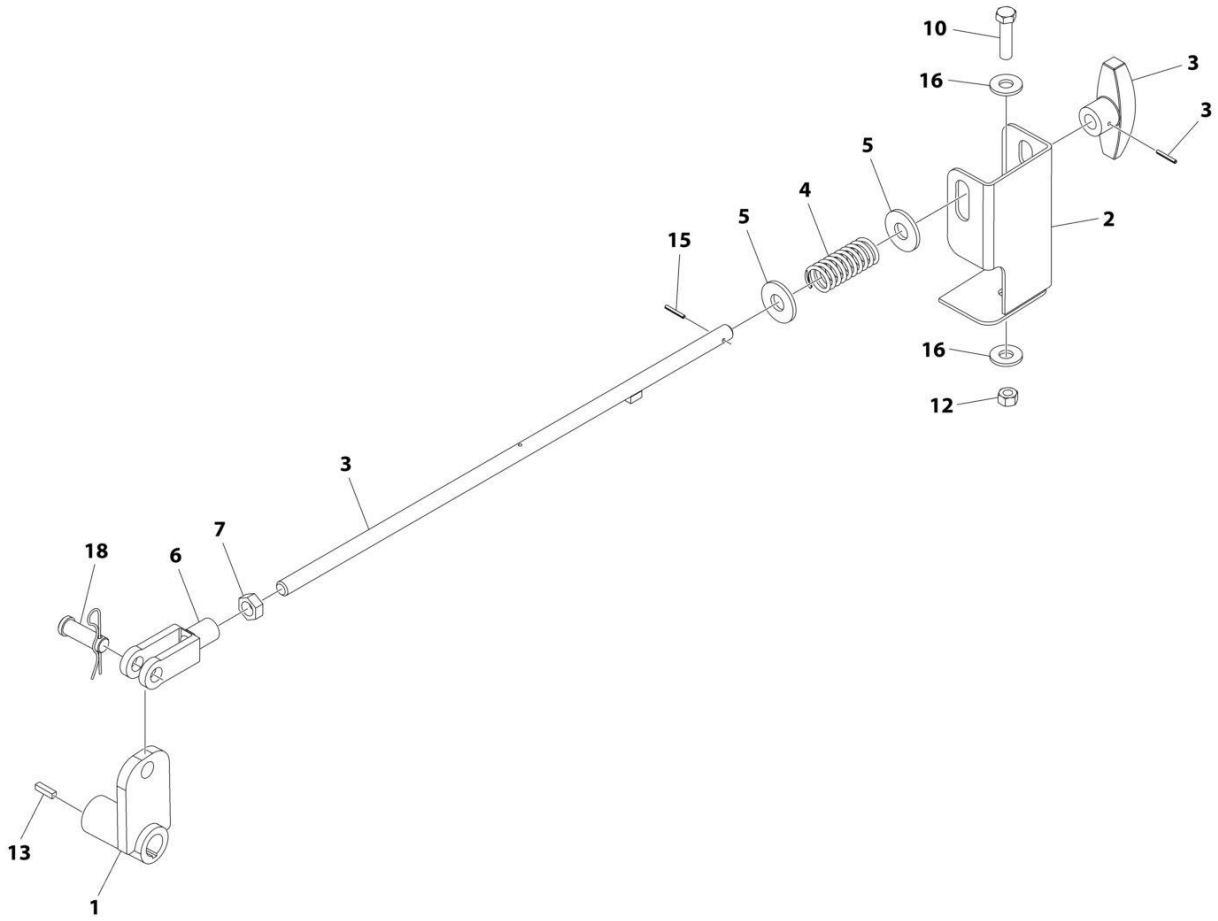


FIGURE 5-21. HANDLE LEVER ASSEMBLY - 8000LBS WINCH (RH) (SPEEDWAY SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142234	Ref	HANDLE LEVER INSTALLATION	B
1	3587000007	1	Lever	
2	4178000167	1	Bracket	
3	1001142232	1	Handle	
4	7843000010	1	Spring	
5	7950180161	2	Washer 1/2	
6	7990000011	1	Yoke	
7	7660180030	1	Nut 1/2	
10	7115161250	1	Bolt 3/8 x 1-1/2	
12	7660160000	1	Nut 3/8	
13	4575060600	1	Key	
15	7690102041	1	Pin	
16	7950160162	2	Washer 3/8	
18	1001179025	1	Pin	

FIGURE 5-22. HANDLE LEVER ASSEMBLY - 10000LBS WINCH (LH)

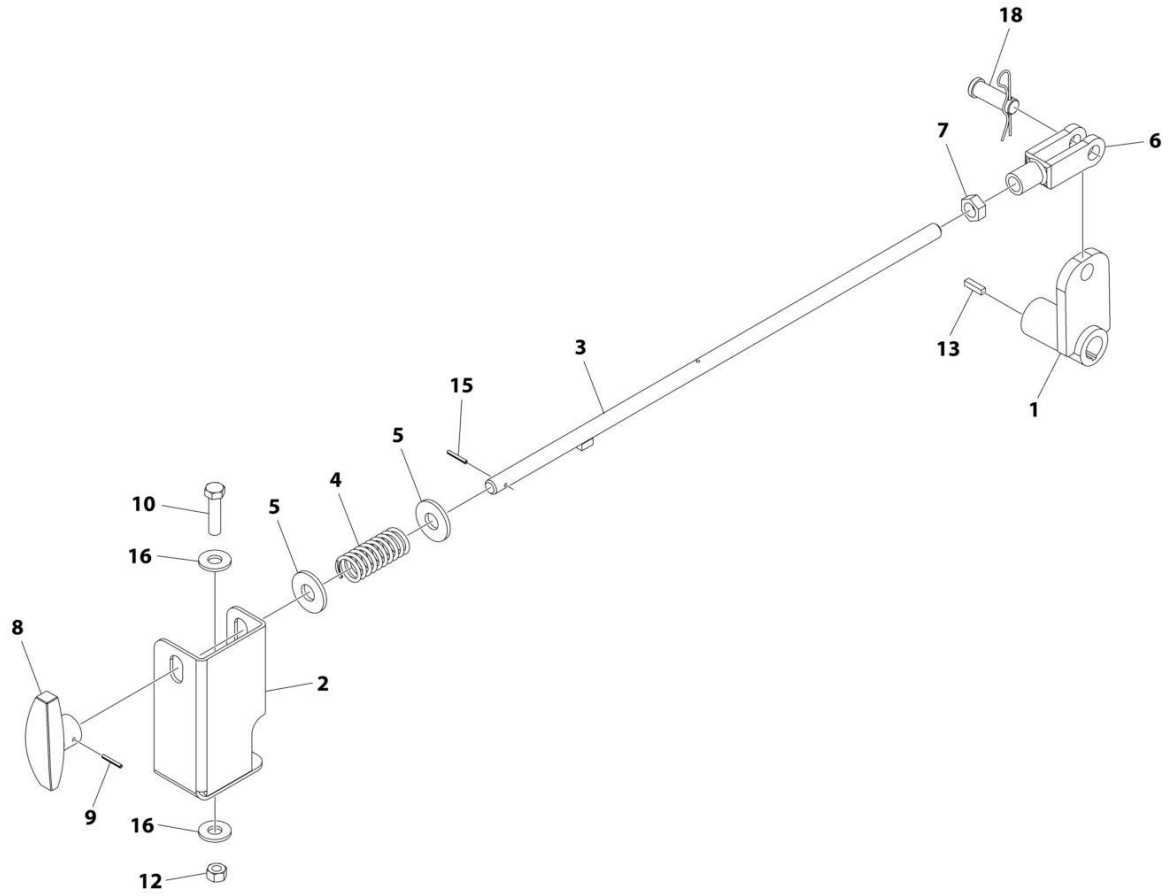


FIGURE 5-22. HANDLE LEVER ASSEMBLY - 10000LBS WINCH (LH)

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

FIGURE 5-23. HANDLE LEVER ASSEMBLY - 10000LBS WINCH (RH)

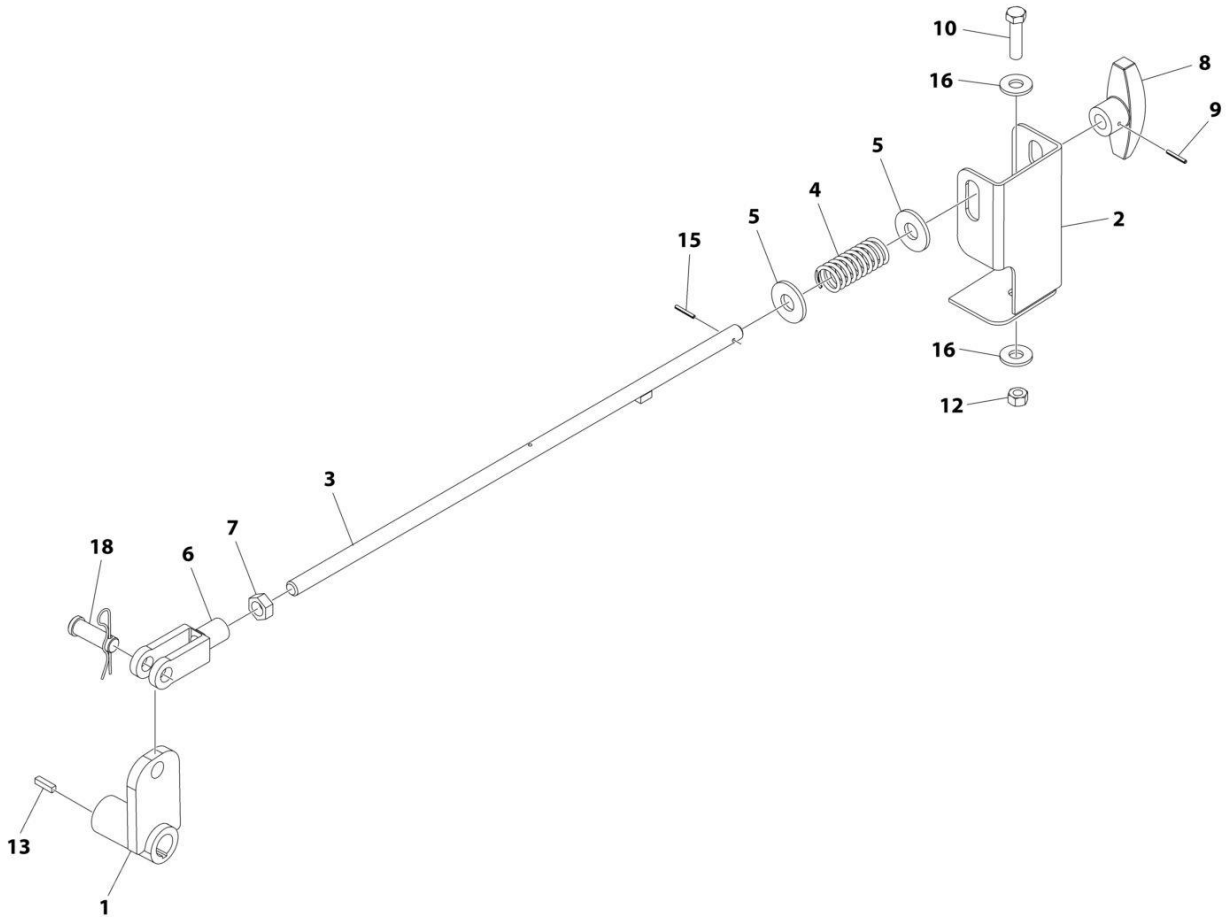


FIGURE 5-23. HANDLE LEVER ASSEMBLY - 10000LBS WINCH (RH)

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

FIGURE 5-24. HANDLE LEVER ASSEMBLY - 12000LBS WINCH (LH)

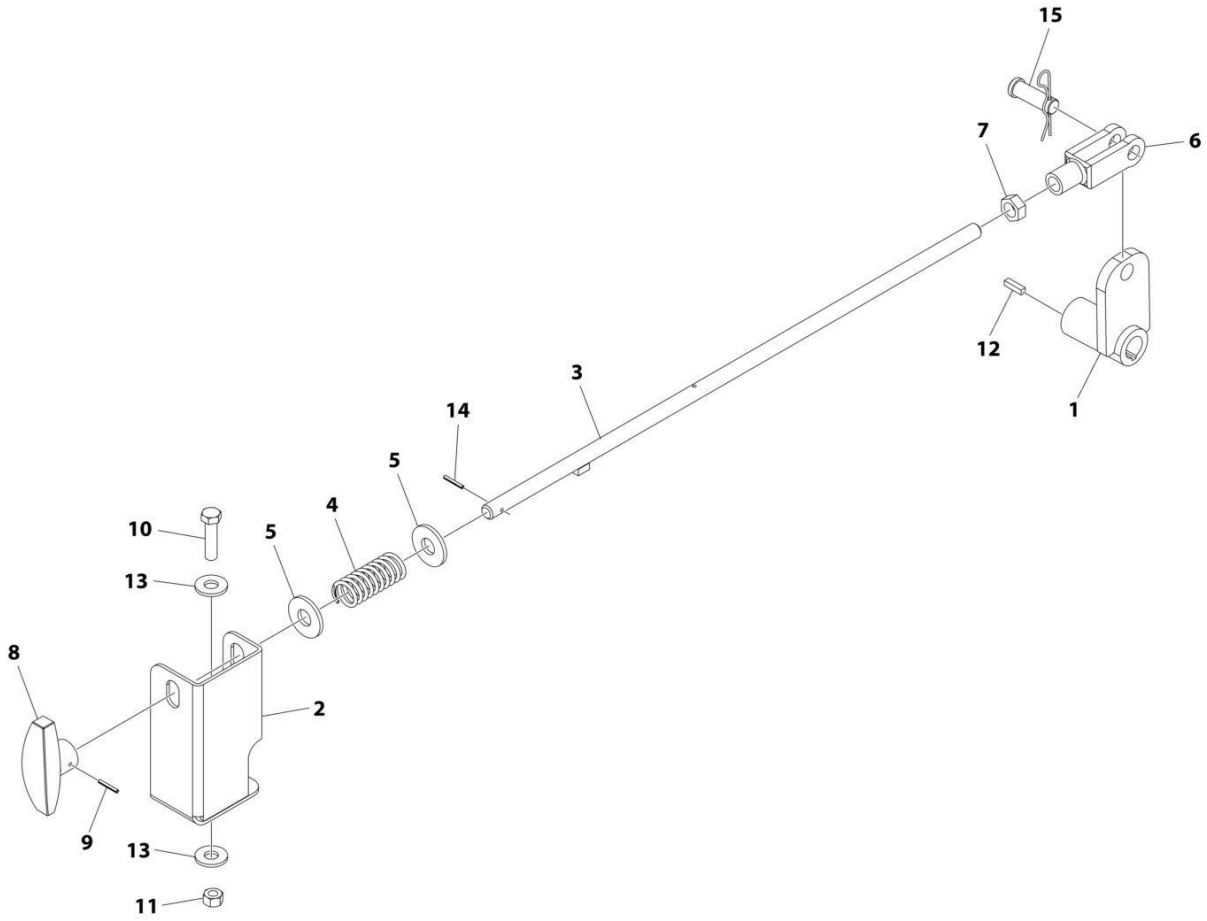


FIGURE 5-24. HANDLE LEVER ASSEMBLY - 12000LBS WINCH (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2587000008	Ref	HANDLE LEVER INSTALLATION	C
1	3587000007	1	Lever	
2	4178000166	1	Bracket	
3	3587000011	1	Lever	
4	7843000010	1	Spring	
5	7950180161	2	Washer 1/2	
6	7990000011	1	Yoke	
7	7660180030	1	Nut 1/2	
8	4551000005	1	T-Handle	
9	7690051641	1	Pin	
10	7115161250	1	Bolt 3/8 x 1-1/2	
11	7660160000	1	Nut 3/8	
12	4575060600	1	Key	
13	7950160162	2	Washer 3/8	
14	7690102041	1	Pin	
15	1001179025	1	Pin	

FIGURE 5-25. HANDLE LEVER ASSEMBLY - 12000LBS WINCH (RH)

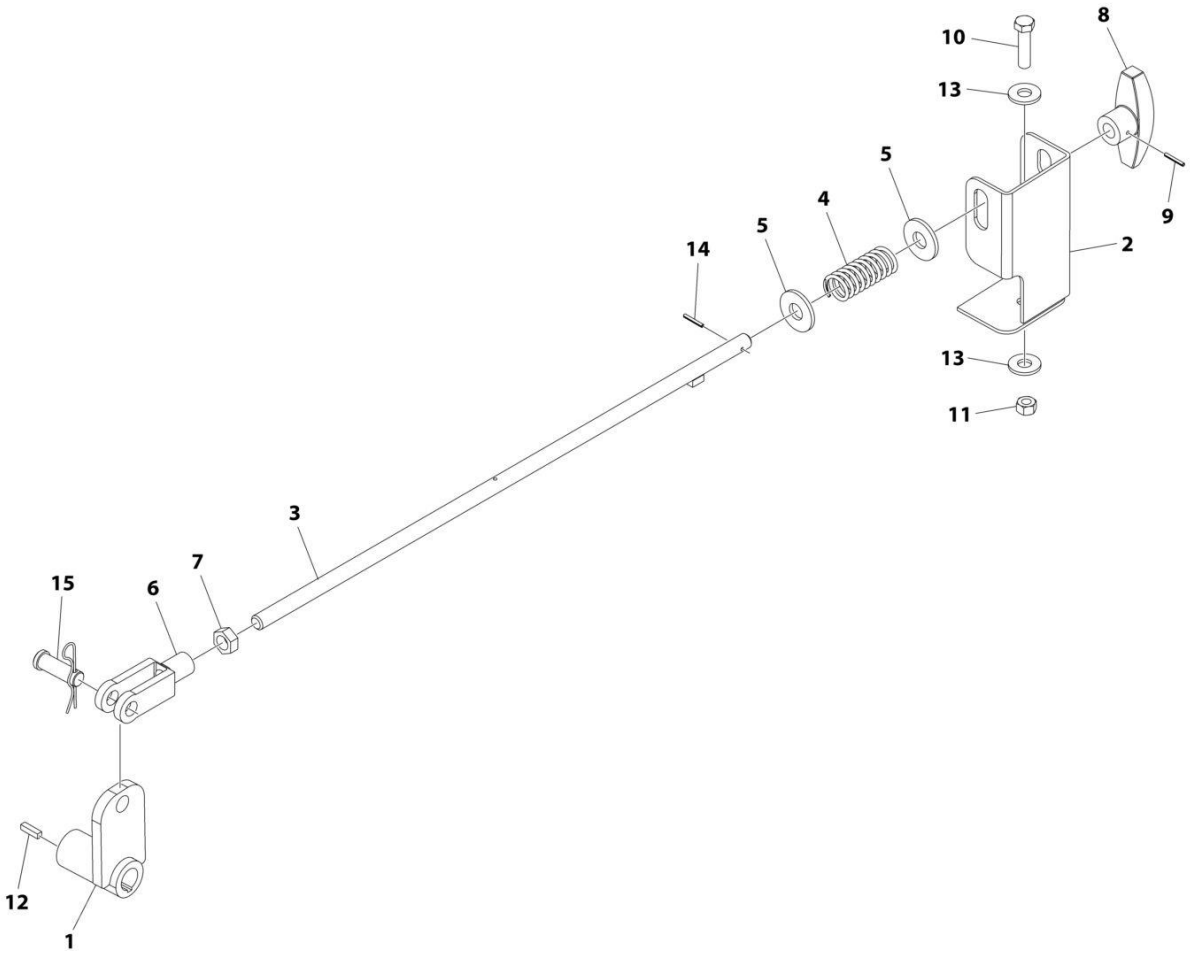
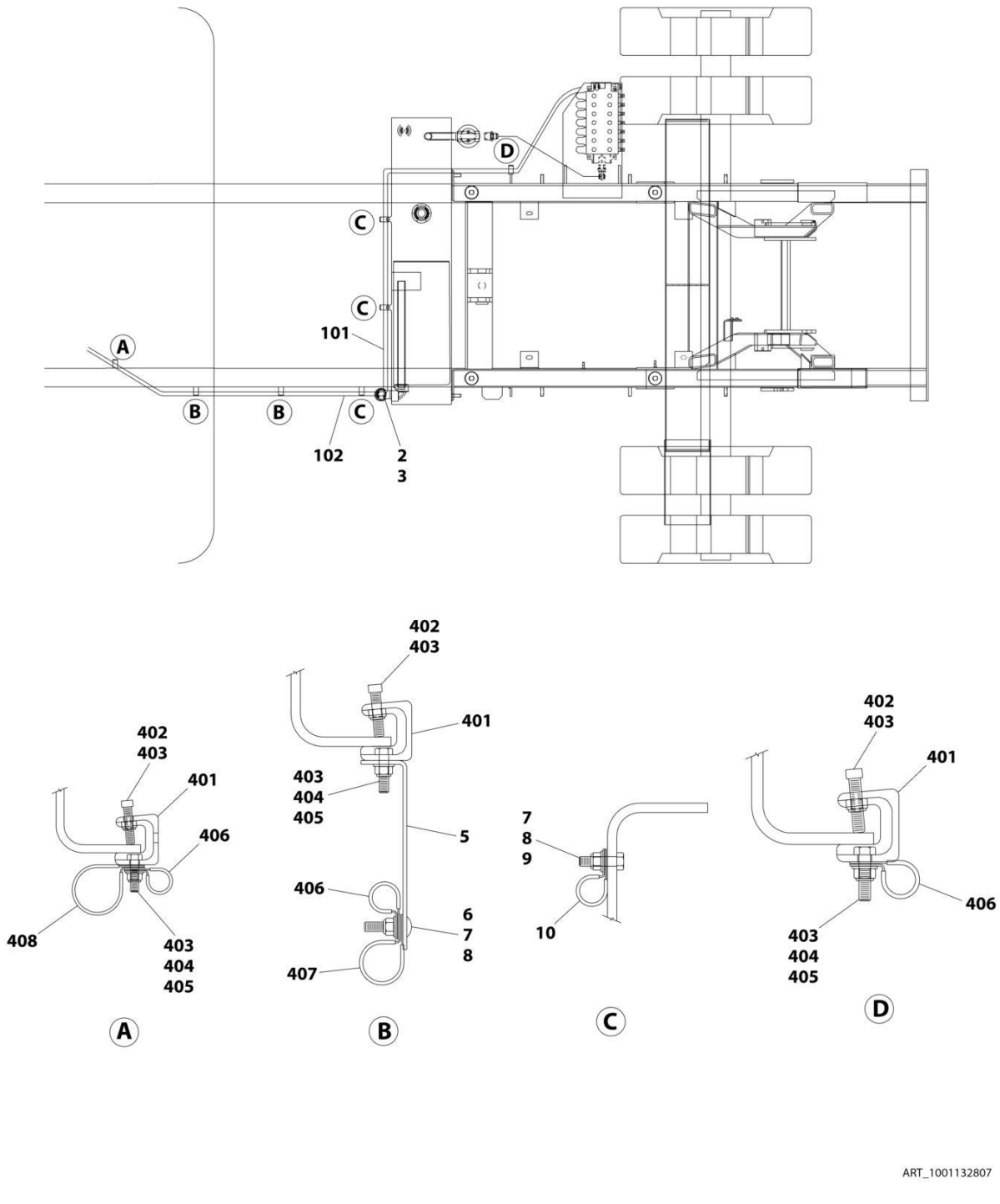


FIGURE 5-25. HANDLE LEVER ASSEMBLY - 12000LBS WINCH (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2587000007	Ref	HANDLE LEVER INSTALLATION	C
1	3587000007	1	Lever	
2	4178000167	1	Bracket	
3	3587000011	1	Lever	
4	7843000010	1	Spring	
5	7950180161	2	Washer 1/2	
6	7990000011	1	Yoke	
7	7660180030	1	Nut 1/2	
8	4551000005	1	T-Handle	
9	7690051641	1	Pin	
10	7115161250	1	Bolt 3/8 x 1-1/2	
11	7660160000	1	Nut 3/8	
12	4575060600	1	Key	
13	7950160162	2	Washer 3/8	
14	7690102041	1	Pin	
15	1001179025	1	Pin	

SECTION 6 - HYDRAULIC

FIGURE 6-1. HOSE AND CLAMP INSTALLATION (CHEVY/GMC - 137IN WB)



ART_1001132807

FIGURE 6-1. HOSE AND CLAMP INSTALLATION (CHEVY/GMC - 137IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132807	Ref	HOSE AND CLAMP INSTALLATION (CHEVY/GMC - 137IN WB)	B
1	1001132832	1	Hose, Kit (Not Shown) (Includes Items 101-102)	
2	7443000013	1	Nipple	
3	7274000002	2	Clamp	
4	1001132794	8	Clamp, Hose Kit (Not Shown) (Includes Items 401-408)	
5	4706003844	4	Plate	
6	7115151064	4	Bolt 5/16 x 1-1/4	
7	7950150161	8	Washer 5/16	
8	7660152601	8	Nut 5/16	
9	7115151050	4	Bolt 5/16 x 1-1/4	
10	7819000013	2	Sleeve	
	1001132832	Ref	HOSE, KIT	0
101	4567630195	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	

FIGURE 6-2. HOSE AND CLAMP INSTALLATION (CHEVY/GMC - 162IN WB)

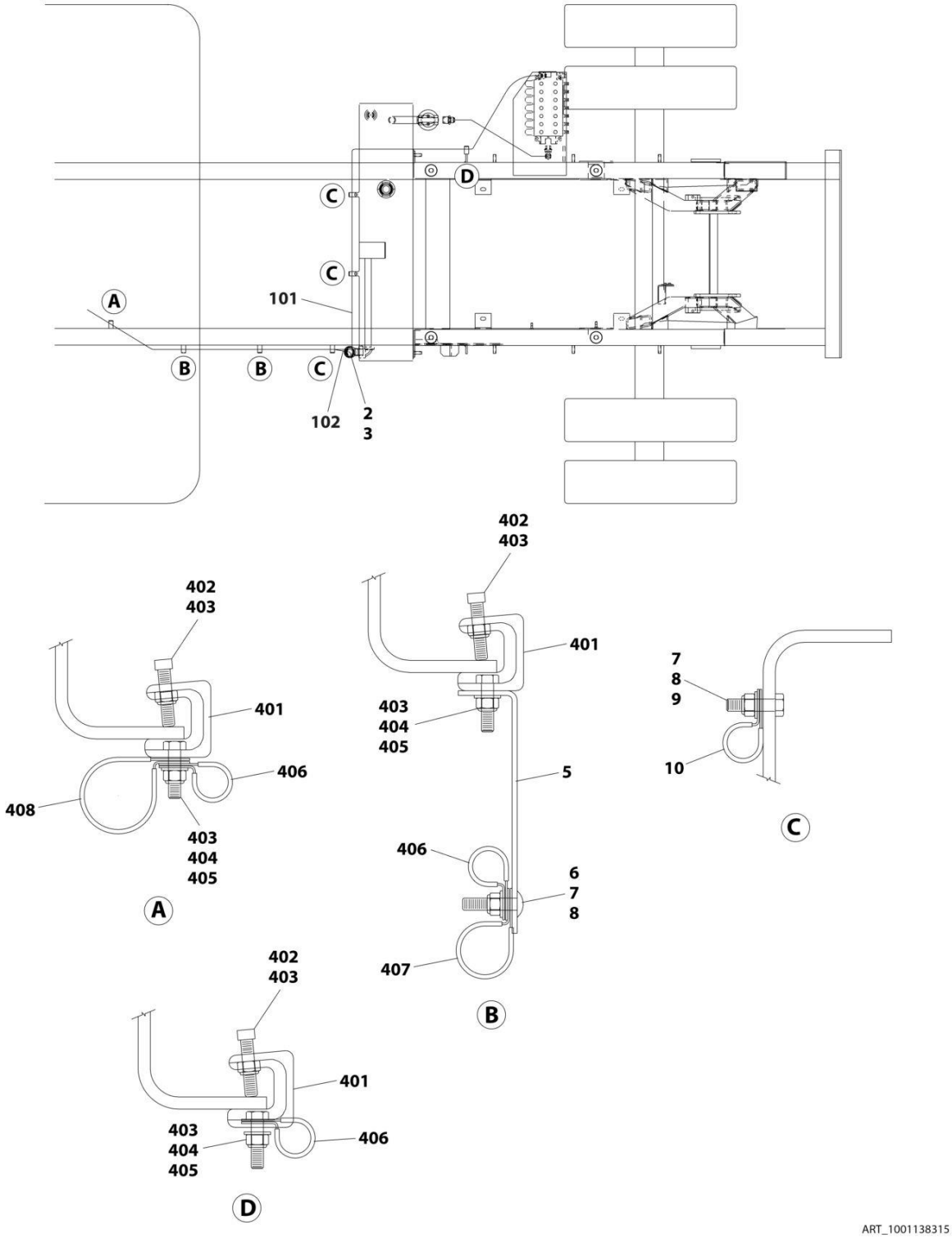


FIGURE 6-2. HOSE AND CLAMP INSTALLATION (CHEVY/GMC - 162IN WB)

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)	

FIGURE 6-3. HOSE AND CLAMP INSTALLATION (CV515 - 165IN WB - LH PTO)

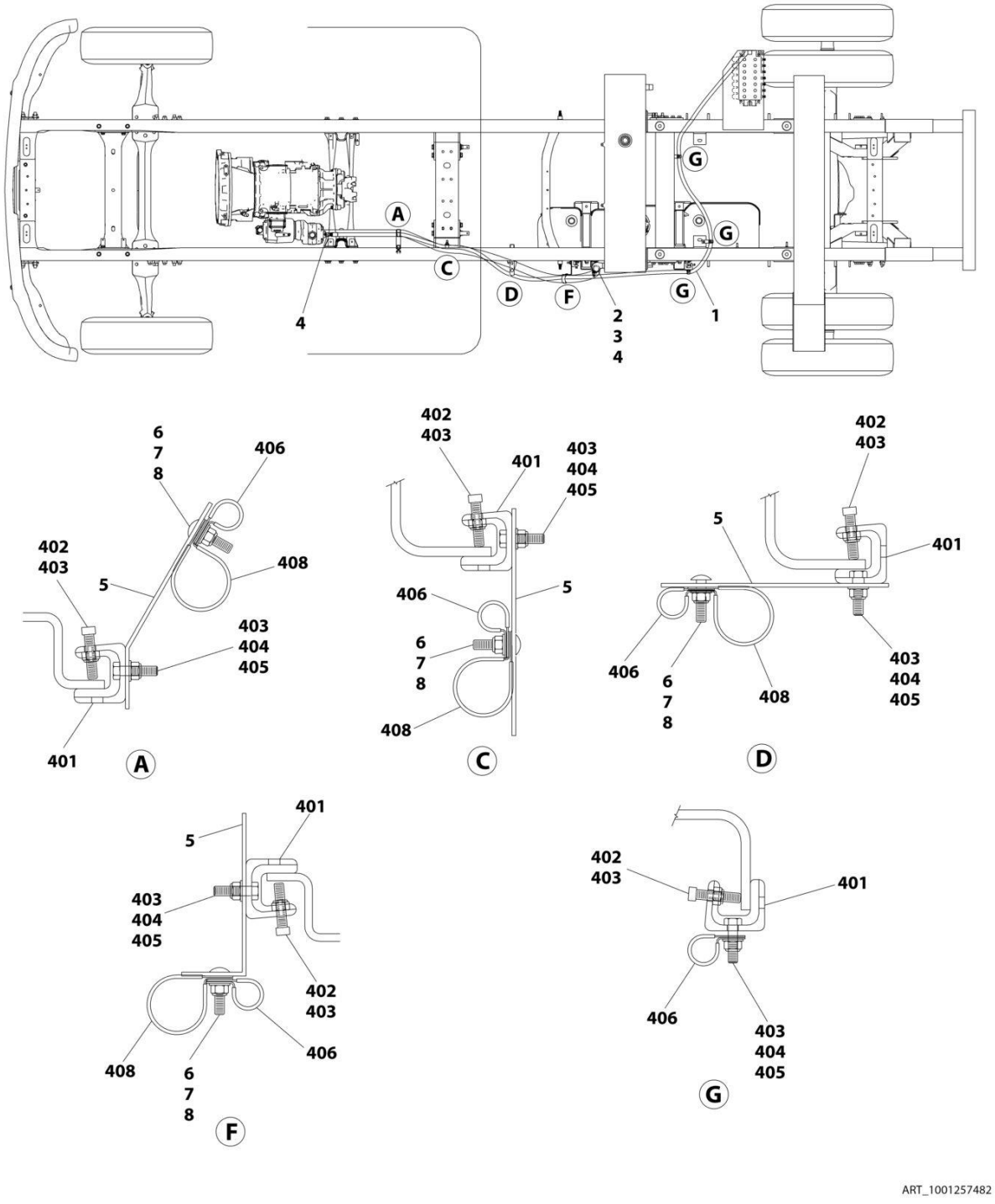


FIGURE 6-3. HOSE AND CLAMP INSTALLATION (CV515 - 165IN WB - LH PTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257482	Ref	HOSE AND CLAMP INSTALLATION (CV515 - 165IN WB - LH PTO)	A
1	4567130165	1	Hose	
2	1001132604	1	Hose	
3	7443000013	1	Nipple	
4	7274000002	2	Clamp	
5	4706003844	4	Plate	
6	7115151064	4	Bolt 5/16 x 1-1/4	
7	7950150161	4	Washer 5/16	
8	7660152601	4	Nut 5/16	
400	1001132794	7	Clamp, Hose Kit (Not Shown)	
401	7274000076	7	Clamp	
402	7785152420	7	Screw 5/16 x 1-1/2	
403	7660152601	14	Nut 5/16	
404	7115151050	7	Bolt 5/16 x 1-1/4	
405	7950150161	7	Washer 5/16	
406	7274000040	7	Clamp	
407	7274000041	7	Clamp (Not Shown)	
408	7274000042	7	Clamp	
409	7274000105	7	Clamp (Not Shown)	

FIGURE 6-4. HOSE AND CLAMP INSTALLATION (CV515 - 165IN WB - RH PTO)

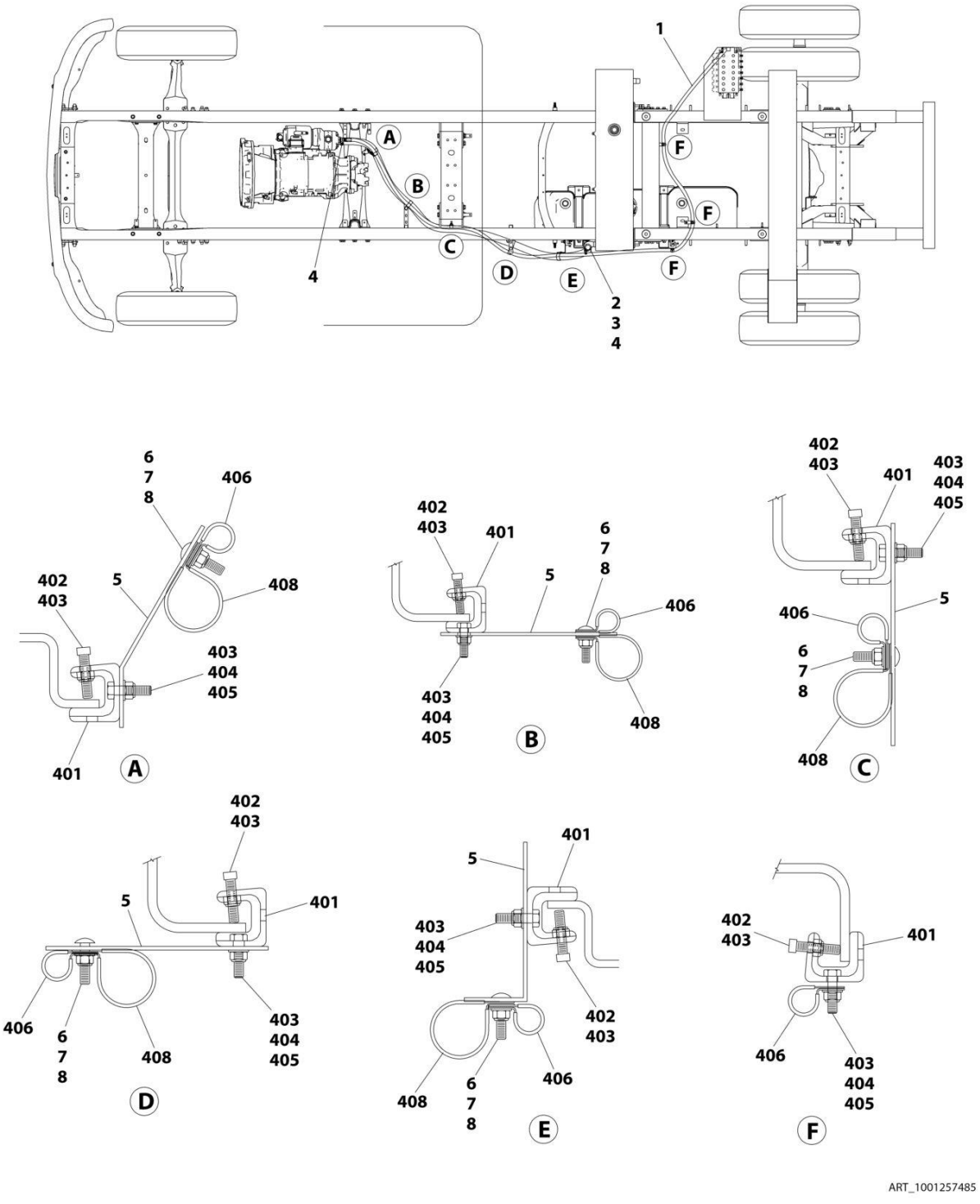


FIGURE 6-4. HOSE AND CLAMP INSTALLATION (CV515 - 165IN WB - RH PTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257485	Ref	HOSE AND CLAMP INSTALLATION (CV515 - 165IN WB - RH PTO)	A
1	4567130175	1	Hose	
2	1001132605	1	Hose	
3	7443000013	1	Nipple	
4	7274000002	2	Clamp	
5	4706003844	5	Plate	
6	7115151064	5	Bolt 5/16 x 1-1/4	
7	7950150161	5	Washer 5/16	
8	7660152601	5	Nut 5/16	
9	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	
407	7274000041	8	Clamp (Not Shown)	
408	7274000042	8	Clamp	
409	7274000105	8	Clamp (Not Shown)	

FIGURE 6-5. HOSE AND CLAMP INSTALLATION (CV515 - 175IN WB - LH PTO)

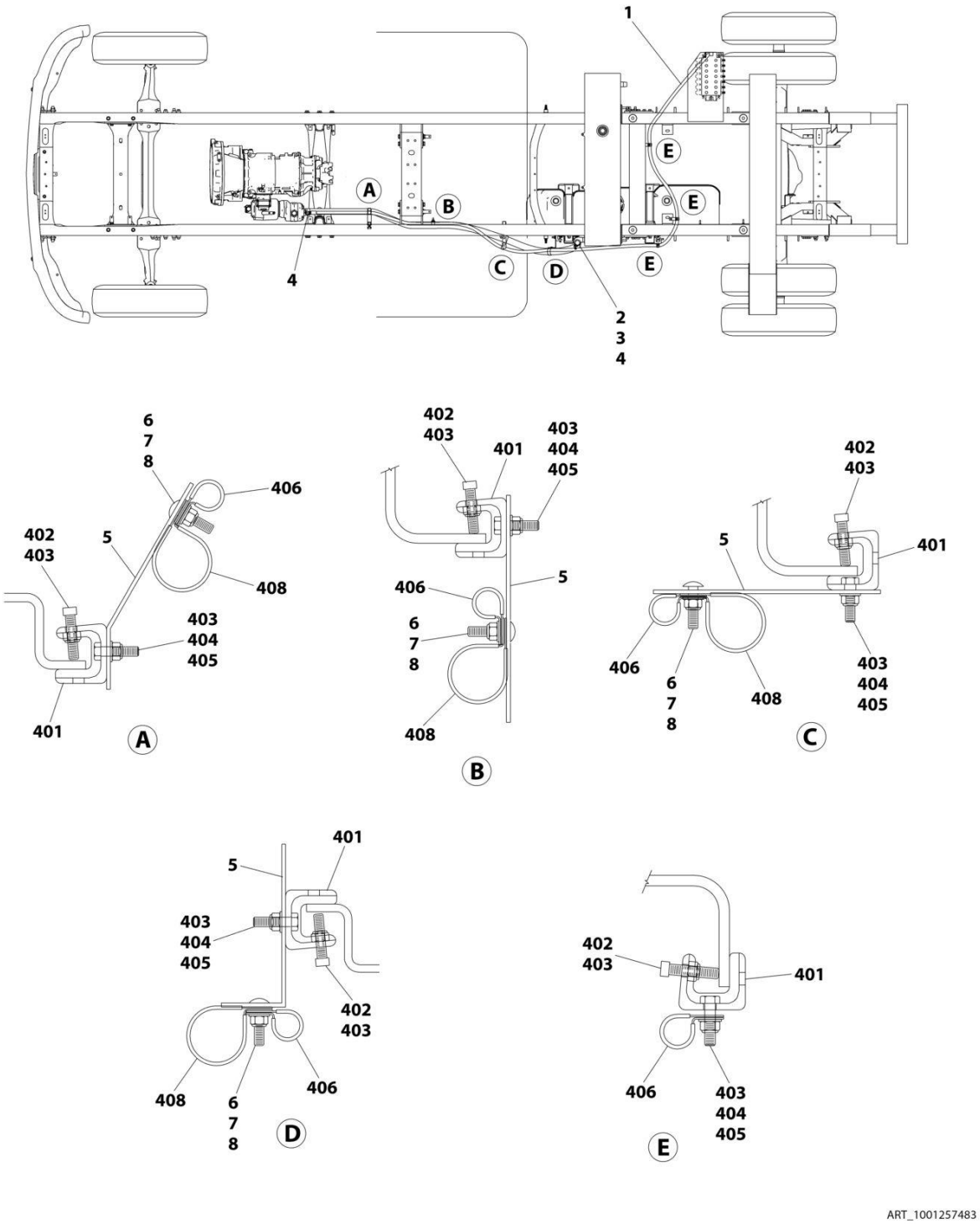


FIGURE 6-5. HOSE AND CLAMP INSTALLATION (CV515 - 175IN WB - LH PTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257483	Ref	HOSE AND CLAMP INSTALLATION (CV515 - 175IN WB - LH PTO)	A
1	4567130175	1	Hose	
2	1001132605	1	Hose	
3	7443000013	1	Nipple	
4	7274000002	2	Clamp	
5	4706003844	4	Plate	
6	7115151064	4	Bolt 5/16 x 1-1/4	
7	7950150161	4	Washer 5/16	
8	7660152601	4	Nut 5/16	
400	1001132794	7	Clamp, Hose Kit (Not Shown)	
401	7274000076	7	Clamp	
402	7785152420	7	Screw 5/16 x 1-1/2	
403	7660152601	14	Nut 5/16	
404	7115151050	7	Bolt 5/16 x 1-1/4	
405	7950150161	7	Washer 5/16	
406	7274000040	7	Clamp	
407	7274000041	7	Clamp (Not Shown)	
408	7274000042	7	Clamp	
409	7274000105	7	Clamp (Not Shown)	

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

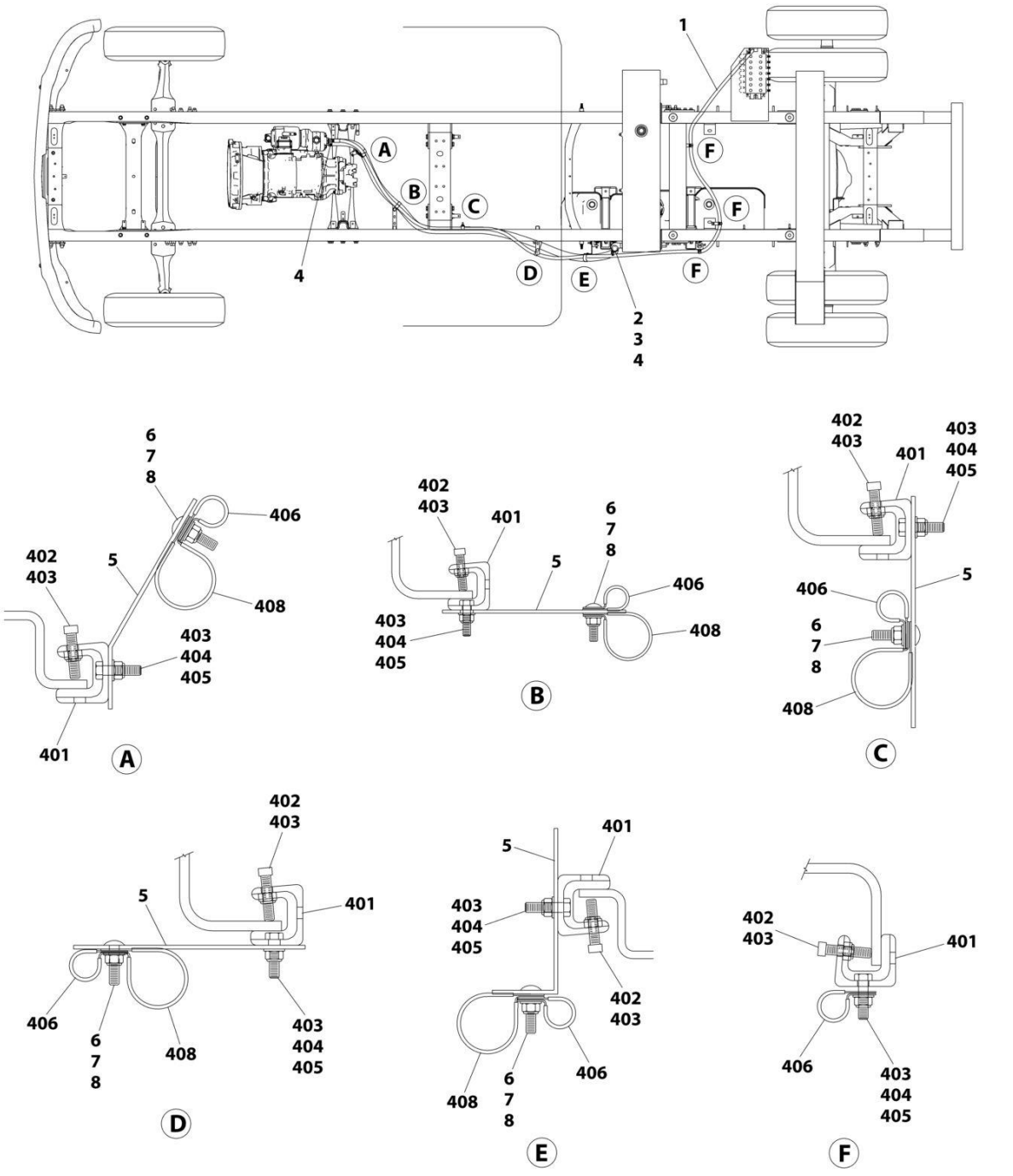


FIGURE 6-6. HOSE AND CLAMP INSTALLATION (CV515 - 175IN WB - RH PTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257486	Ref	HOSE AND CLAMP INSTALLATION (CV515 - 175IN WB - RH PTO)	A
1	4567130185	1	Hose	
2	1001132609	1	Hose	
3	7443000013	1	Nipple	
4	7274000002	2	Clamp	
5	4706003844	5	Plate	
6	7115151064	5	Bolt 5/16 x 1-1/4	
7	7950150161	5	Washer 5/16	
8	7660152601	5	Nut 5/16	
9	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	
407	7274000041	8	Clamp (Not Shown)	
408	7274000042	8	Clamp	
409	7274000105	8	Clamp (Not Shown)	

FIGURE 6-7. HOSE AND CLAMP INSTALLATION (CV515 - 199IN WB - LH PTO)

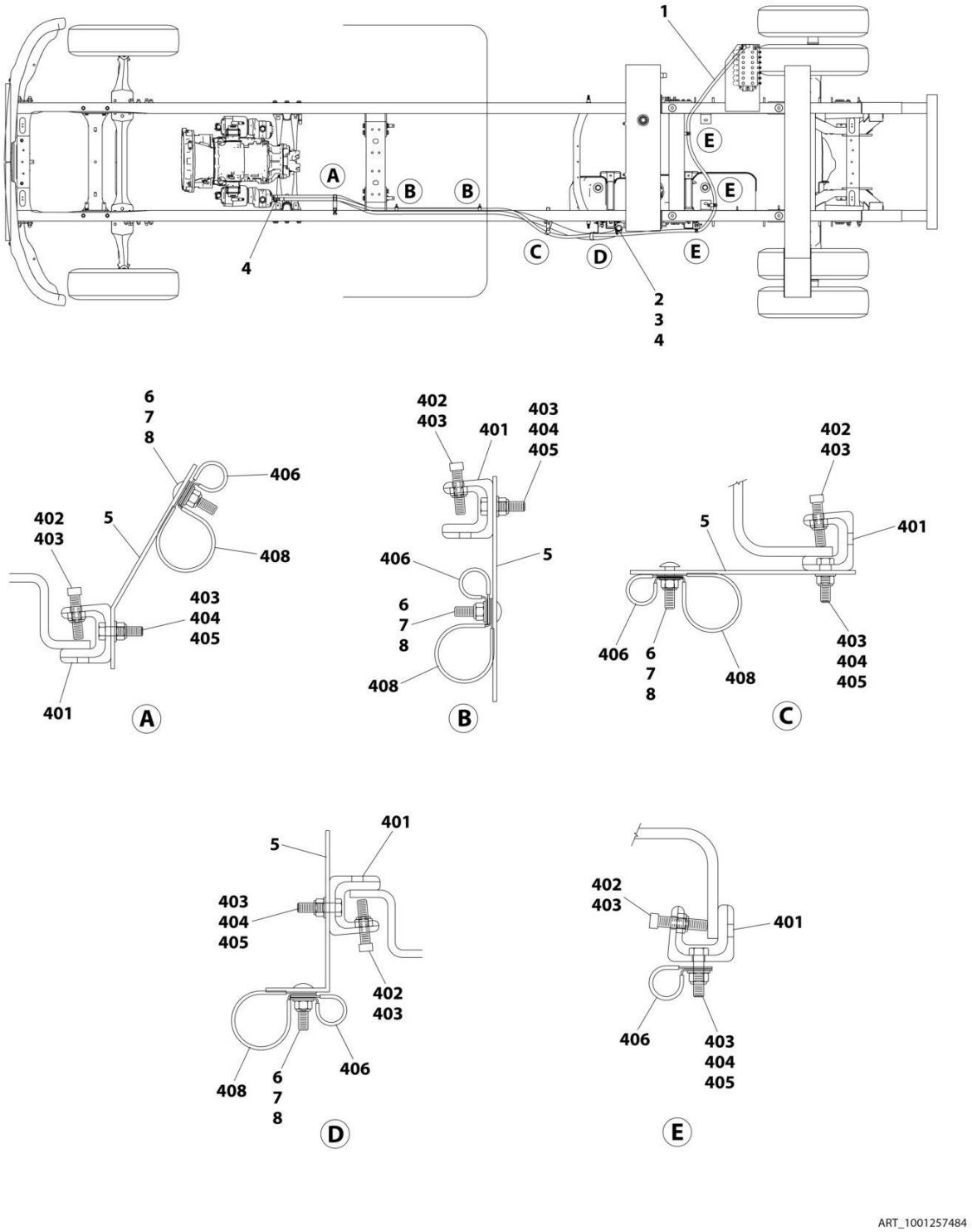


FIGURE 6-7. HOSE AND CLAMP INSTALLATION (CV515 - 199IN WB - LH PTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257484	Ref	HOSE AND CLAMP INSTALLATION (CV515 - 199IN WB - LH PTO)	A
1	4567130200	1	Hose	
2	4570000308	1	Hose	
3	7443000013	1	Nipple	
4	7274000002	2	Clamp	
5	4706003844	5	Plate	
6	7115151064	5	Bolt 5/16 x 1-1/4	
7	7950150161	5	Washer 5/16	
8	7660152601	5	Nut 5/16	
400	1001132794	8	Clamp, Hose Kit (Not Shown)	
401	7274000076	8	Clamp	
402	7785152420	8	Screw 5/16 x 1-1/2	
403	7660152601	16	Nut 5/16	
404	7115151050	8	Bolt 5/16 x 1-1/4	
405	7950150161	8	Washer 5/16	
406	7274000040	8	Clamp	
407	7274000041	8	Clamp (Not Shown)	
408	7274000042	8	Clamp	
409	7274000105	8	Clamp (Not Shown)	

FIGURE 6-8. HOSE AND CLAMP INSTALLATION (CV515 - 199IN WB - RH PTO)

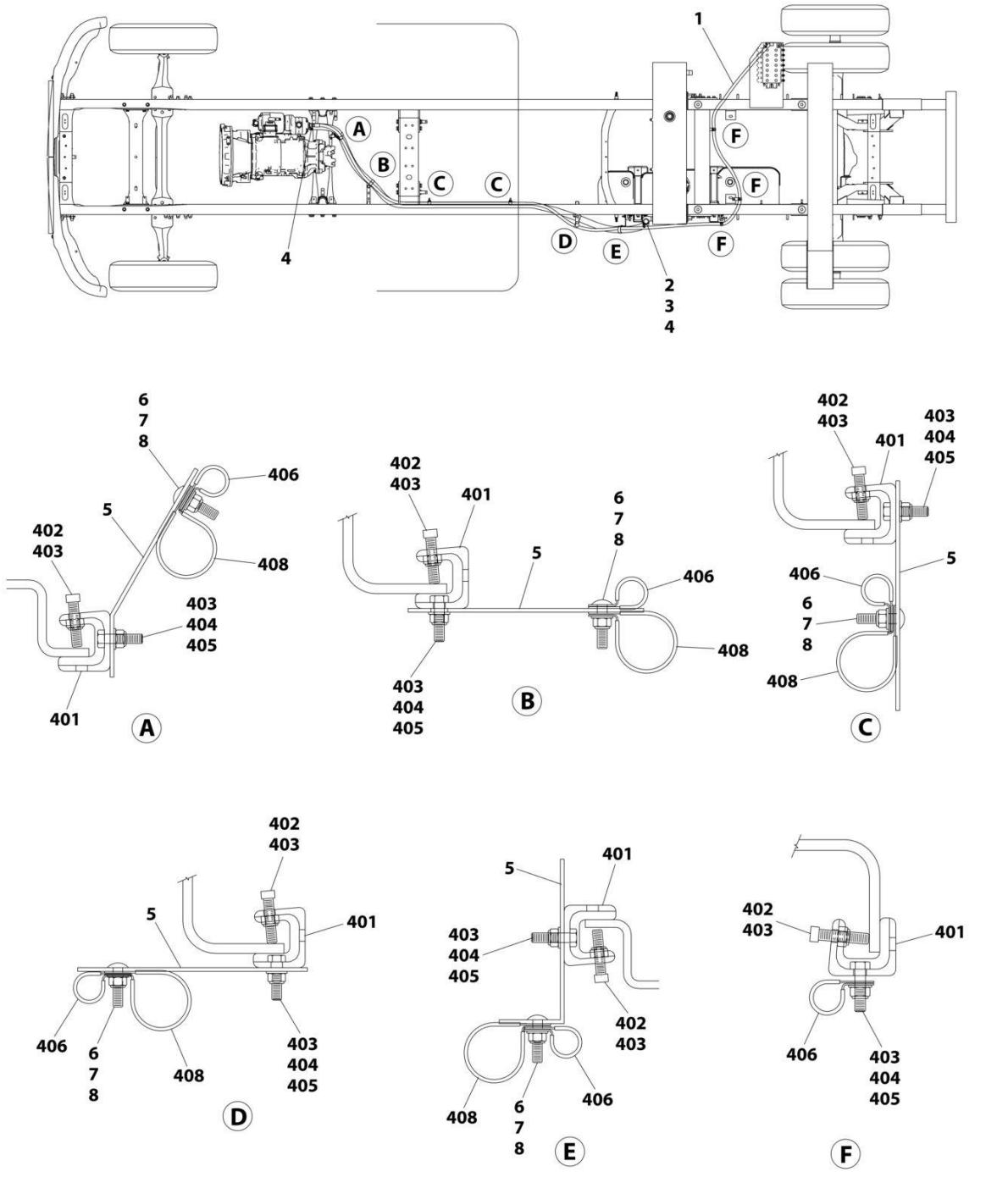


FIGURE 6-8. HOSE AND CLAMP INSTALLATION (CV515 - 199IN WB - RH PTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001257487	Ref	HOSE AND CLAMP INSTALLATION (CV515 - 199IN WB - RH PTO)	A
1	4567130208	1	Hose	
2	1001132617	1	Hose	
3	7443000013	1	Nipple	
4	7274000002	2	Clamp	
5	4706003844	6	Plate	
6	7115151064	6	Bolt 5/16 x 1-1/4	
7	7950150161	6	Washer 5/16	
8	7660152601	6	Nut 5/16	
9	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	
407	7274000041	9	Clamp (Not Shown)	
408	7274000042	9	Clamp	
409	7274000105	9	Clamp (Not Shown)	

FIGURE 6-9. HOSE AND CLAMP INSTALLATION (FORD - 140IN WB)

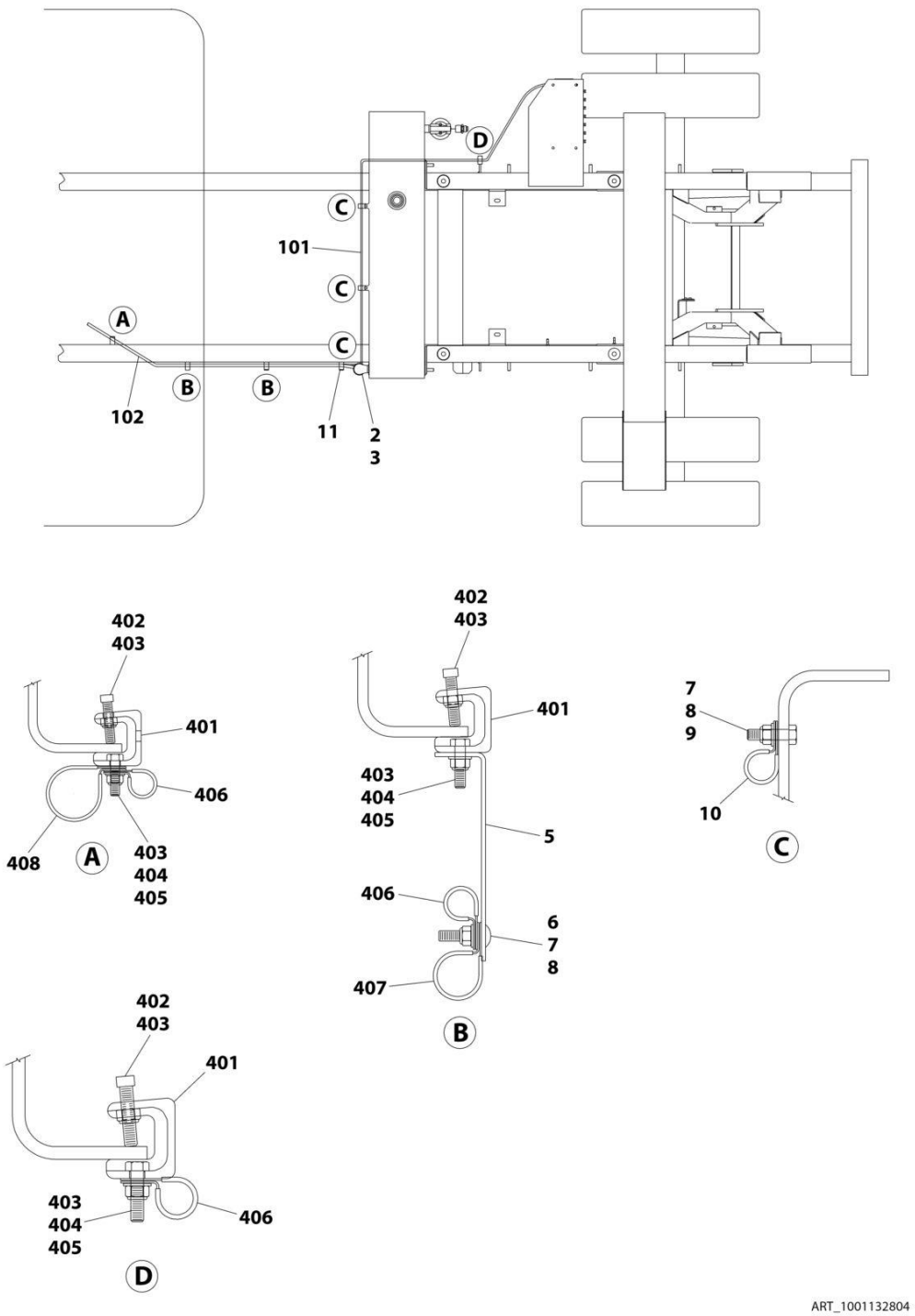


FIGURE 6-9. HOSE AND CLAMP INSTALLATION (FORD - 140IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132804	Ref	HOSE AND CLAMP INSTALLATION (FORD - 140IN WB)	B
1	1001132829	1	Hose, Kit (Not Shown) (Includes Items 101-102)	
2	7443000013	1	Nipple	
3	7274000002	2	Clamp	
4	1001132794	5	Clamp, Hose Kit (Not Shown) (Includes Items 401-408)	
5	4706003844	1	Plate	
6	7115151064	1	Bolt 5/16 x 1-1/4	
7	7950150161	4	Washer 5/16	
8	7660152601	4	Nut 5/16	
9	7115151050	3	Bolt 5/16 x 1-1/4	
10	7274000040	3	Clamp	
11	7274000042	1	Clamp	
	1001132829	Ref	HOSE, KIT	0
101	4567630153	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	

FIGURE 6-10. HOSE AND CLAMP INSTALLATION (FORD - 145IN WB)

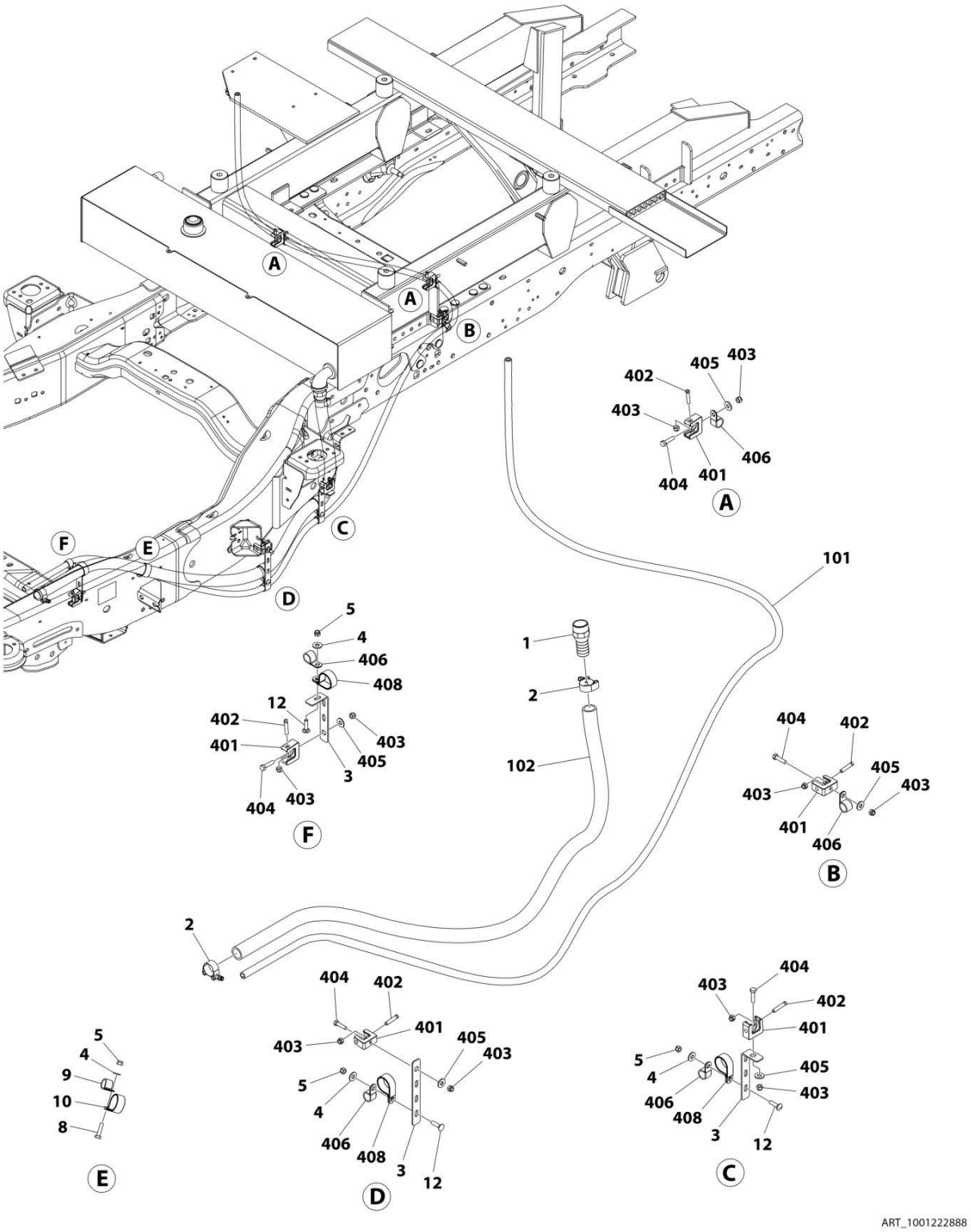


FIGURE 6-10. HOSE AND CLAMP INSTALLATION (FORD - 145IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222888	Ref	HOSE AND CLAMP INSTALLATION (FORD - 145IN WB)	B
1	7443000013	1	Nipple	
2	7274000002	2	Clamp	
3	4706003844	3	Plate	
4	7950150161	4	Washer 5/16	
5	7660152601	4	Nut 5/16	
8	7115151050	1	Bolt 5/16 x 1-1/4	
9	7274000040	1	Clamp	
10	7274000042	1	Clamp	
12	7115151064	3	Bolt 5/16 x 1-1/4	
100	1001222908	1	Hose, Kit (Not Shown)	
101	4567130160	1	Hose	
102	4570000044	1	Hose	
400	1001132794	6	Clamp, Hose Kit (Not Shown)	
401	7274000076	6	Clamp	
402	7785152420	6	Screw 5/16 x 1-1/2	
403	7660152601	12	Nut 5/16	
404	7115151050	6	Bolt 5/16 x 1-1/4	
405	7950150161	6	Washer 5/16	
406	7274000040	6	Clamp	
407	7274000041	6	Clamp (Not Shown)	
408	7274000042	6	Clamp	

FIGURE 6-11. HOSE AND CLAMP INSTALLATION (FORD - 164IN WB)

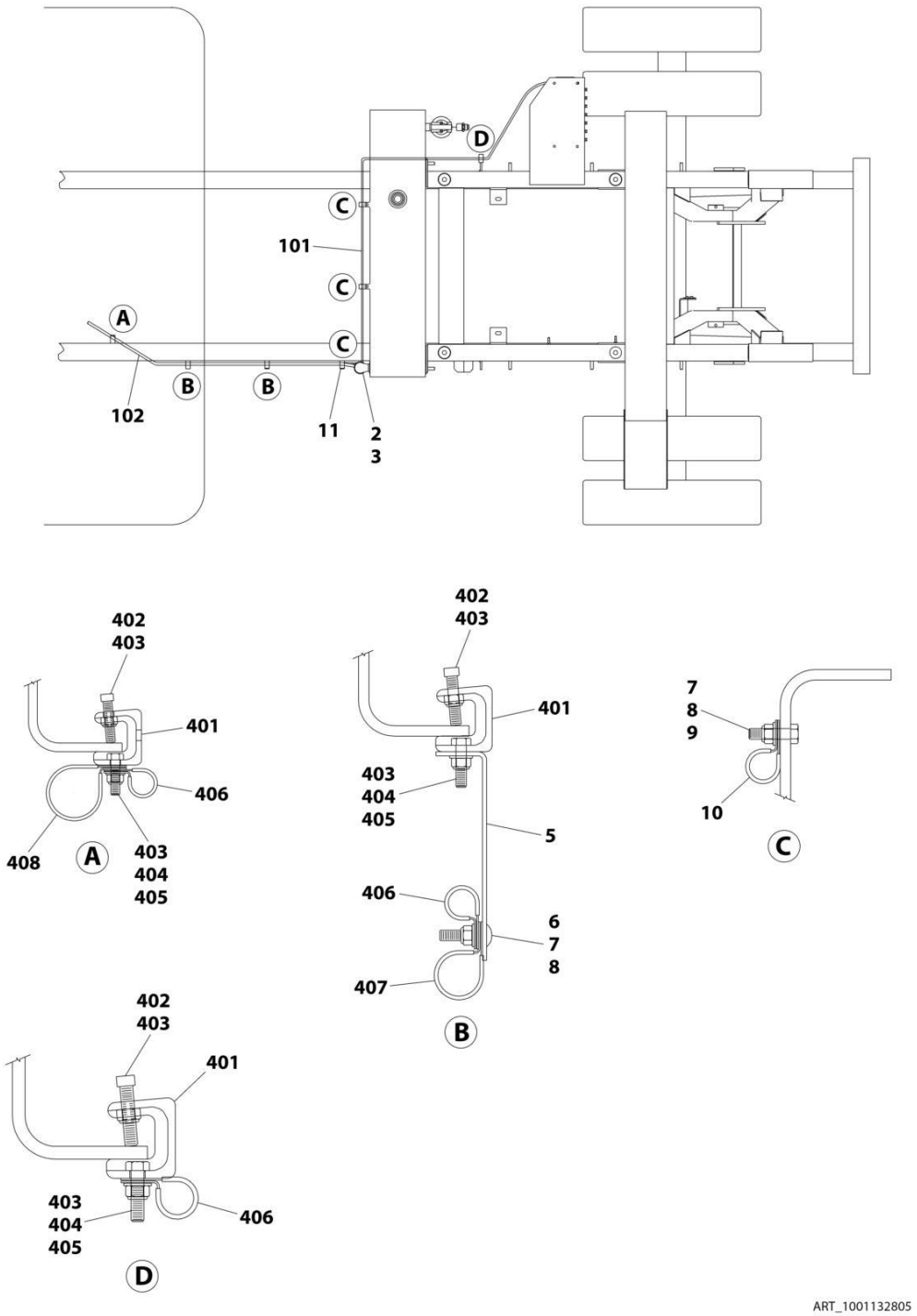


FIGURE 6-11. HOSE AND CLAMP INSTALLATION (FORD - 164IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132805	Ref	HOSE AND CLAMP INSTALLATION (FORD - 164IN WB)	B
1	1001132830	1	Hose, Kit (Not Shown) (Includes Items 101-102)	
2	7443000013	1	Nipple	
3	7274000002	2	Clamp	
4	1001132794	6	Clamp, Hose Kit (Not Shown) (Includes Items 401-408)	
5	4706003844	2	Plate	
6	7115151064	2	Bolt 5/16 x 1-1/4	
7	7950150161	5	Washer 5/16	
8	7660152601	5	Nut 5/16	
9	7115151050	3	Bolt 5/16 x 1-1/4	
10	7274000040	3	Clamp	
11	7274000042	1	Clamp	
	1001132830	Ref	HOSE, KIT	0
101	4567630177	1	Hose	
102	1001132608	1	Hose	
	1001132794	1	CLAMP, HOSE KIT	B
401	7274000076	6	Clamp	
402	7785152420	6	Screw 5/16 x 1-1/2	
403	7660152601	12	Nut 5/16	
404	7115151050	6	Bolt 5/16 x 1-1/4	
405	7950150161	6	Washer 5/16	
406	7274000040	6	Clamp	
407	7274000041	6	Clamp	
408	7274000042	6	Clamp	

FIGURE 6-12. HOSE AND CLAMP INSTALLATION (FORD - 169IN WB)

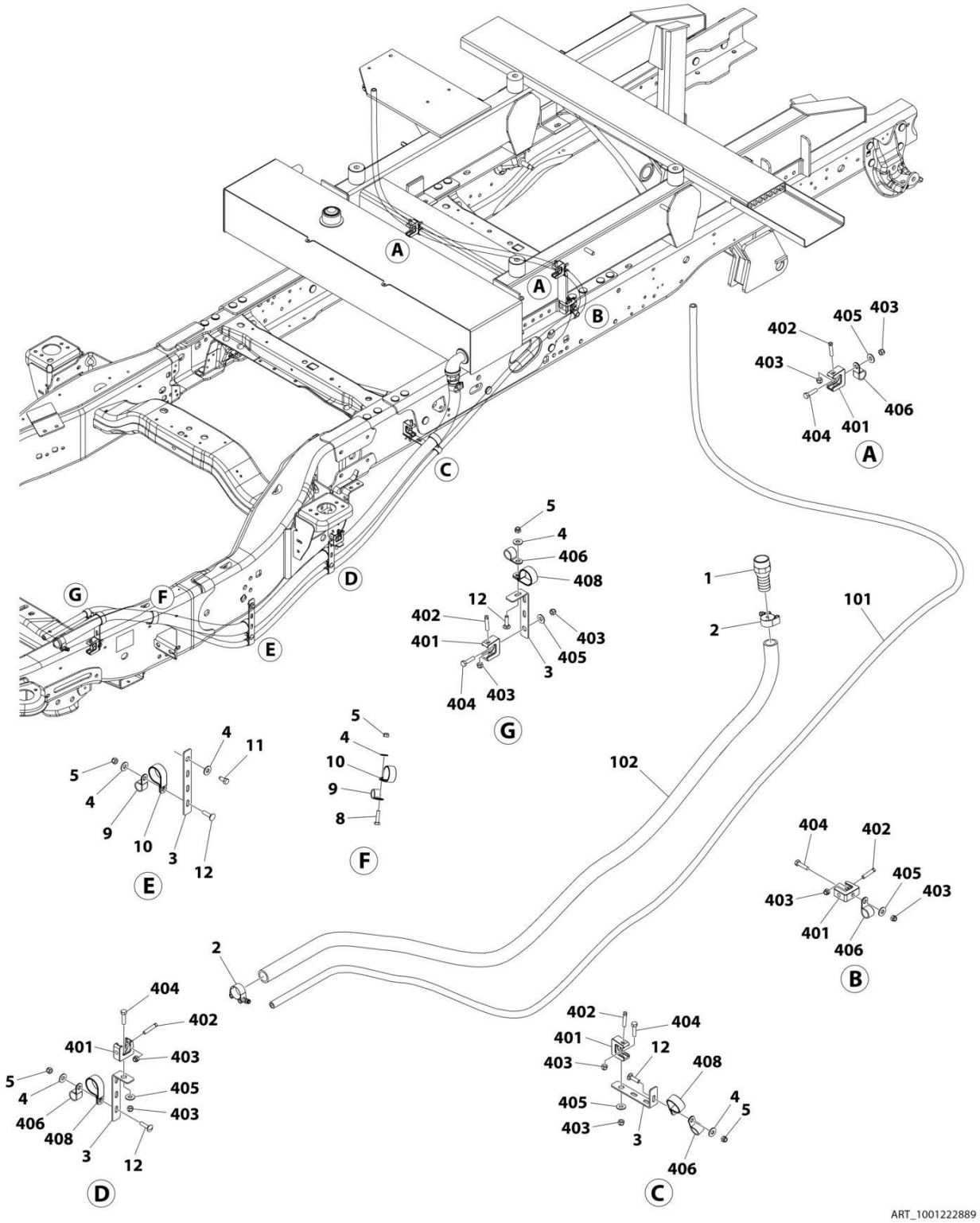


FIGURE 6-12. HOSE AND CLAMP INSTALLATION (FORD - 169IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222889	Ref	HOSE AND CLAMP INSTALLATION (FORD - 169IN WB)	B
1	7443000013	1	Nipple	
2	7274000002	2	Clamp	
3	4706003844	4	Plate	
4	7950150161	6	Washer 5/16	
5	7660152601	5	Nut 5/16	
8	7115151050	1	Bolt 5/16 x 1-1/4	
9	7274000040	2	Clamp	
10	7274000042	2	Clamp	
11	3941506	1	Tap Screw	
12	7115151064	4	Bolt 5/16 x 1-1/4	
100	1001222909	1	Hose, Kit (Not Shown)	
101	4567130185	1	Hose	
102	1001132611	1	Hose	
400	1001132794	6	Clamp, Hose Kit (Not Shown)	
401	7274000076	6	Clamp	
402	7785152420	6	Screw 5/16 x 1-1/2	
403	7660152601	12	Nut 5/16	
404	7115151050	6	Bolt 5/16 x 1-1/4	
405	7950150161	6	Washer 5/16	
406	7274000040	6	Clamp	
407	7274000041	6	Clamp (Not Shown)	
408	7274000042	6	Clamp	

FIGURE 6-13. HOSE AND CLAMP INSTALLATION (FORD - 176IN WB)

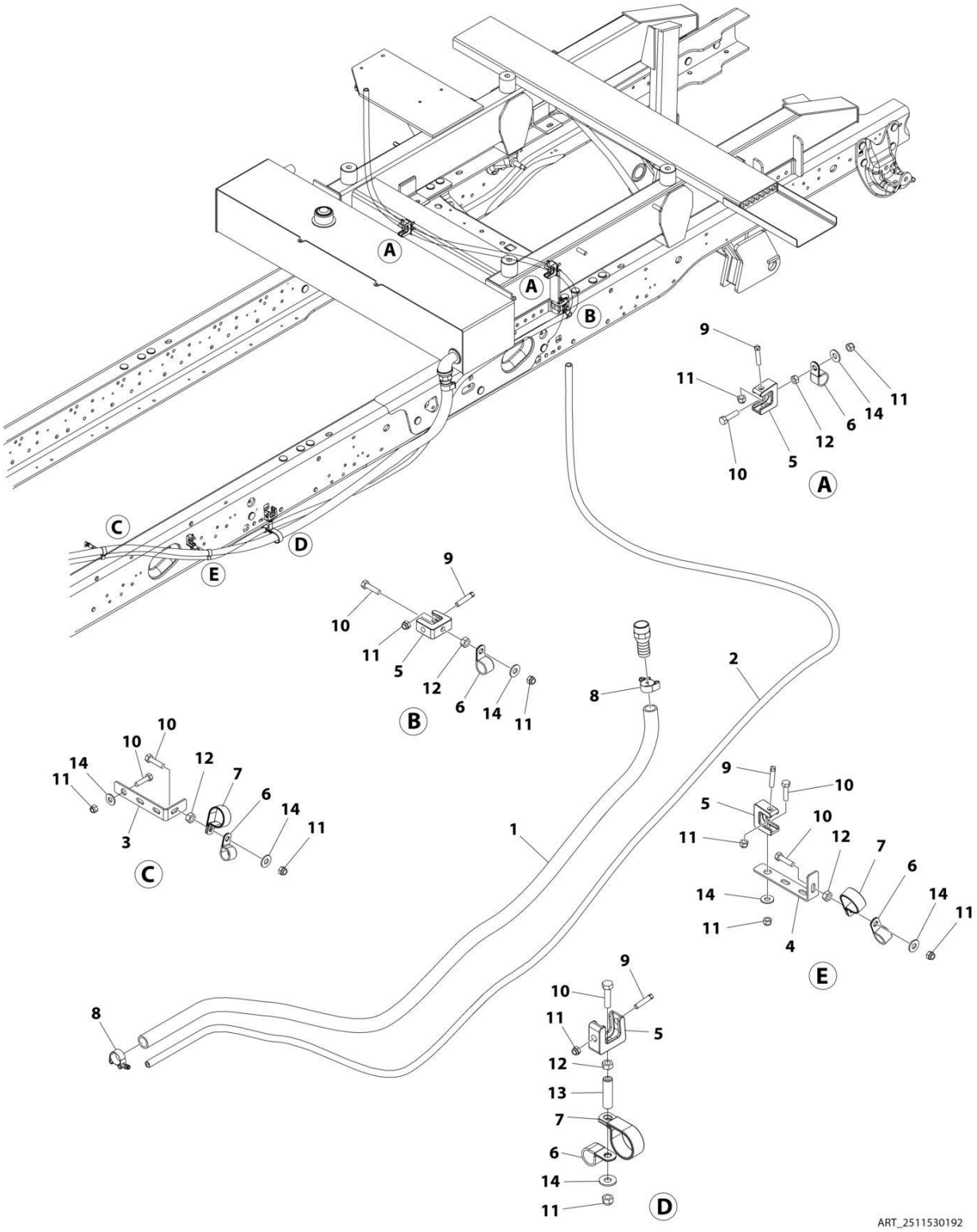


FIGURE 6-13. HOSE AND CLAMP INSTALLATION (FORD - 176IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511530192	Ref	HOSE AND CLAMP INSTALLATION (FORD - 176IN WB)	0
1	4570000374	1	Hose	
2	4567633183	1	Hose	
3	4178000369	1	Bracket	
4	4706003844	2	Plate	
5	7274000076	6	Clamp	
6	7274000105	7	Clamp	
7	7274000042	4	Clamp	
8	7274000002	2	Clamp	
9	7785152420	6	Screw 5/16 x 1-1/2	
10	7115151050	10	Bolt 5/16 x 1-1/4	
11	7660152601	15	Nut 5/16	
12	7660150000	9	Nut 5/16	
13	7661000027	1	Stacking Nut	
14	7950150161	10	Washer 5/16	

FIGURE 6-14. HOSE AND CLAMP INSTALLATION (FORD - 180IN WB)

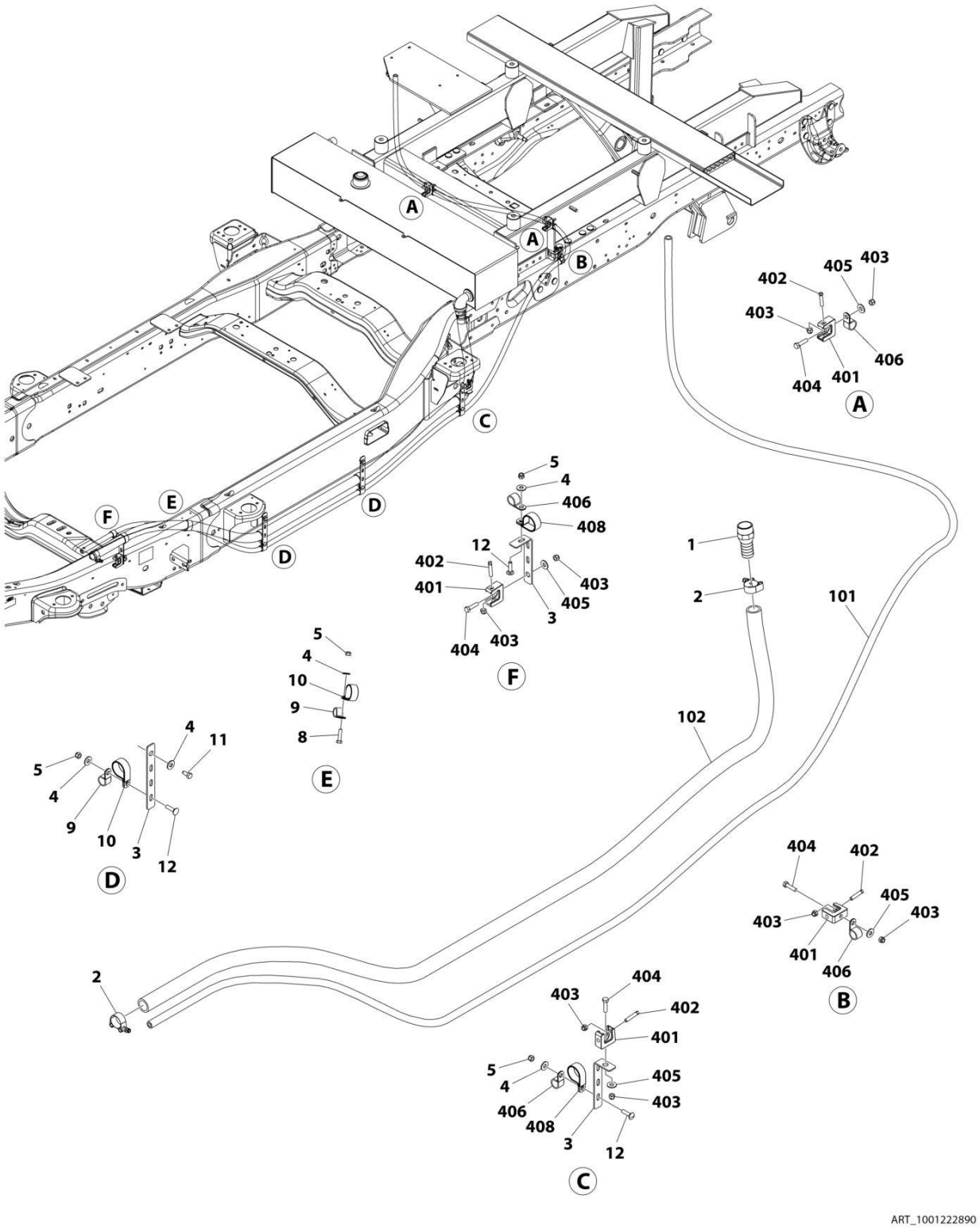


FIGURE 6-14. HOSE AND CLAMP INSTALLATION (FORD - 180IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222890	Ref	HOSE AND CLAMP INSTALLATION (FORD - 180IN WB)	B
1	7443000013	1	Nipple	
2	7274000002	2	Clamp	
3	4706003844	4	Plate	
4	7950150161	7	Washer 5/16	
5	7660152601	5	Nut 5/16	
8	7115151050	1	Bolt 5/16 x 1-1/4	
9	7274000040	3	Clamp	
10	7274000042	3	Clamp	
11	3941506	2	Tap Screw	
12	7115151064	4	Bolt 5/16 x 1-1/4	
100	1001222910	1	Hose, Kit (Not Shown)	
101	4567130190	1	Hose	
102	1001132613	1	Hose	
400	1001132794	5	Clamp, Hose Kit (Not Shown)	
401	7274000076	5	Clamp	
402	7785152420	5	Screw 5/16 x 1-1/2	
403	7660152601	10	Nut 5/16	
404	7115151050	5	Bolt 5/16 x 1-1/4	
405	7950150161	5	Washer 5/16	
406	7274000040	5	Clamp	
407	7274000041	5	Clamp (Not Shown)	
408	7274000042	5	Clamp	

FIGURE 6-15. HOSE AND CLAMP INSTALLATION (FORD - 189IN WB)

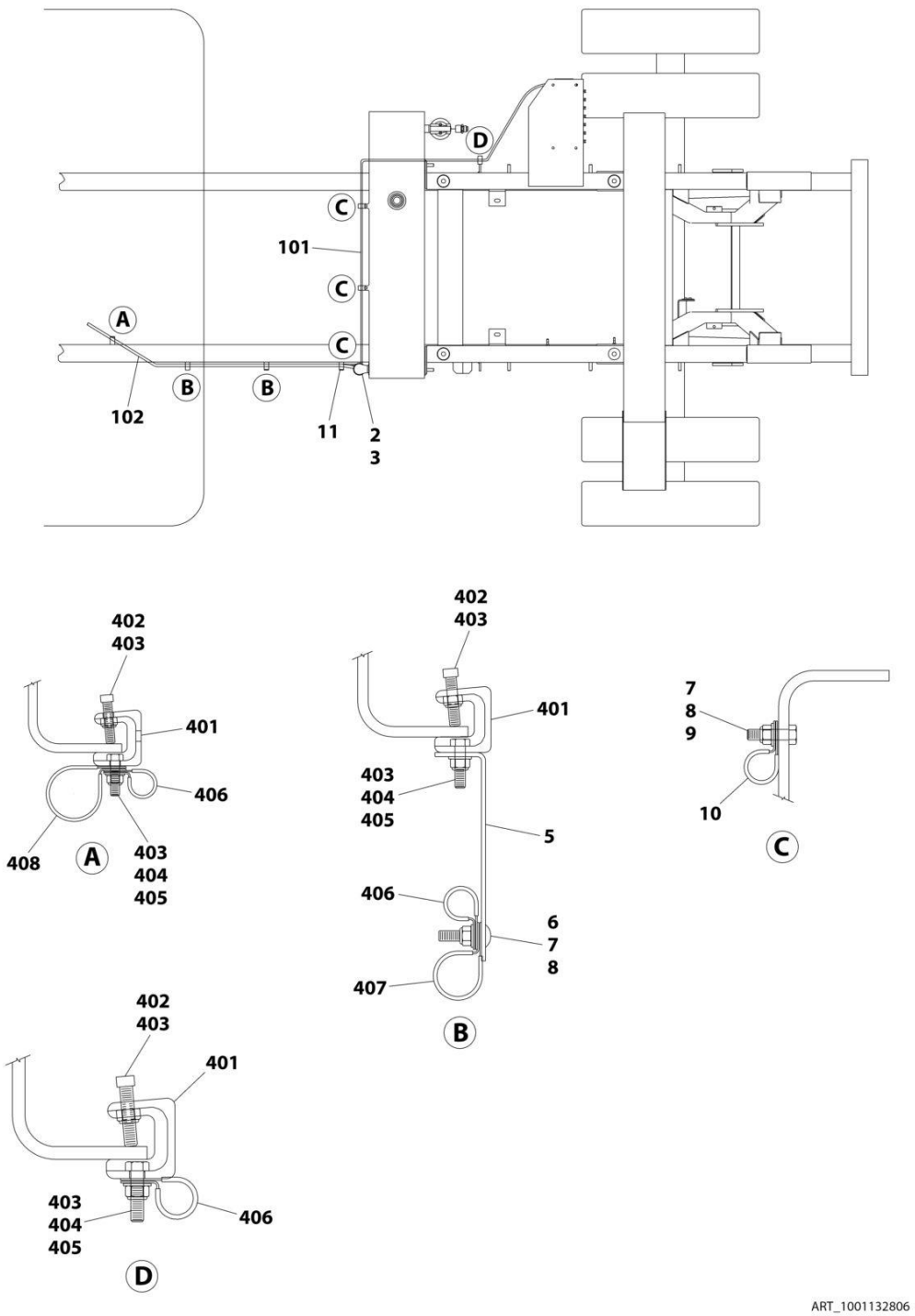


FIGURE 6-15. HOSE AND CLAMP INSTALLATION (FORD - 189IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132806	Ref	HOSE AND CLAMP INSTALLATION (FORD - 189IN WB)	B
1	1001132831	1	Hose, Kit (Not Shown) (Includes Items 101-102)	
2	7443000013	1	Nipple	
3	7274000002	2	Clamp	
4	1001132794	7	Clamp, Hose Kit (Not Shown) (Includes Items 401-408)	
5	4706003844	3	Plate	
6	7115151064	3	Bolt 5/16 x 1-1/4	
7	7950150161	6	Washer 5/16	
8	7660152601	6	Nut 5/16	
9	7115151050	3	Bolt 5/16 x 1-1/4	
10	7274000040	3	Clamp	
11	7274000042	1	Clamp	
	1001132831	Ref	HOSE, KIT	0
101	4567630212	1	Hose	
102	1001132617	1	Hose	
	1001132794	Ref	CLAMP, HOSE KIT	B
401	7274000076	7	Clamp	
402	7785152420	7	Screw 5/16 x 1-1/2	
403	7660152601	14	Nut 5/16	
404	7115151050	7	Bolt 5/16 x 1-1/4	
405	7950150161	7	Washer 5/16	
406	7274000040	7	Clamp	
407	7274000041	7	Clamp	
408	7274000042	7	Clamp	

FIGURE 6-16. HOSE AND CLAMP INSTALLATION (FORD - 193IN WB)

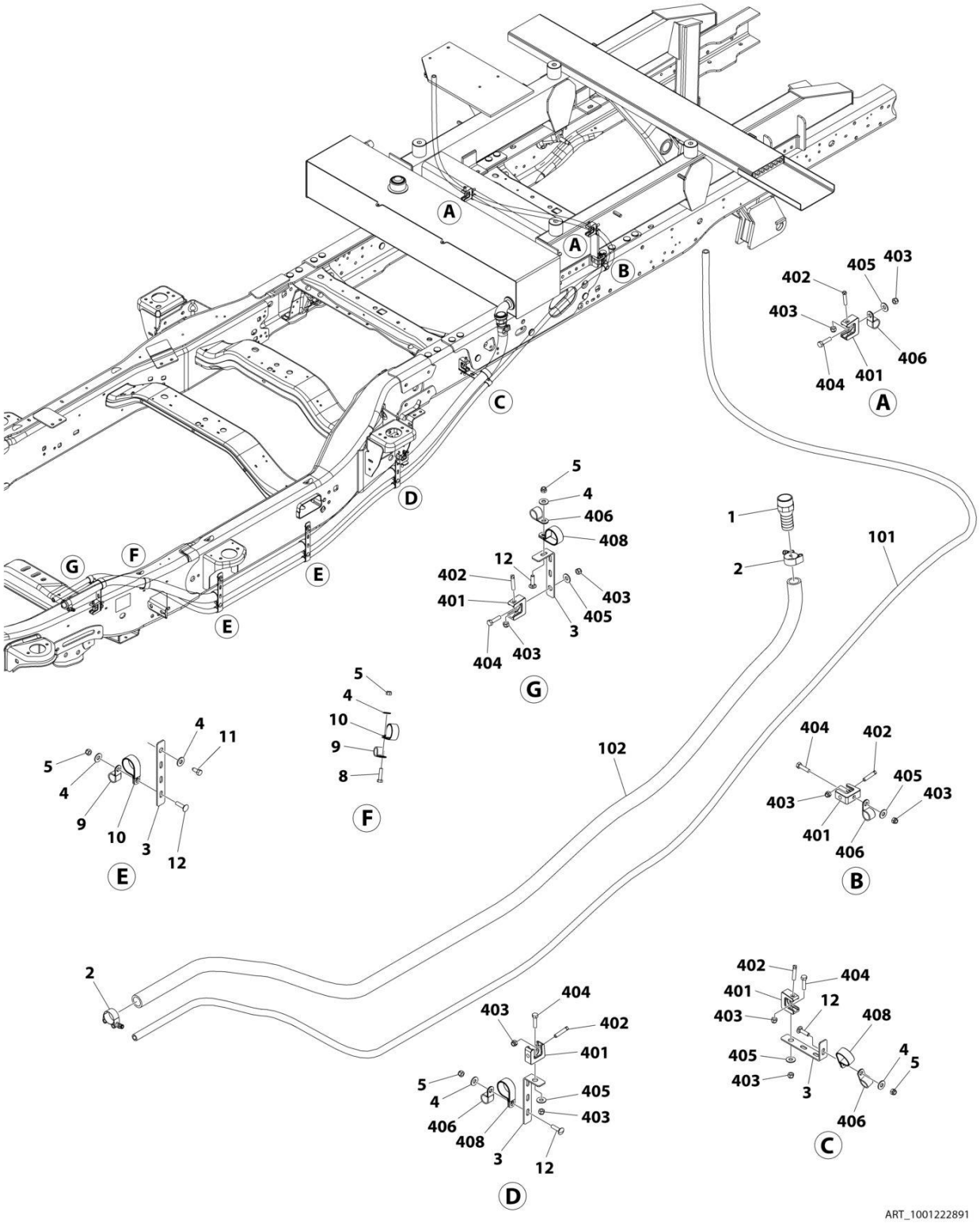


FIGURE 6-16. HOSE AND CLAMP INSTALLATION (FORD - 193IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222891	Ref	HOSE AND CLAMP INSTALLATION (FORD - 193IN WB)	B
1	7443000013	1	Nipple	
2	7274000002	2	Clamp	
3	4706003844	5	Plate	
4	7950150161	8	Washer 5/16	
5	7660152601	6	Nut 5/16	
8	7115151050	1	Bolt 5/16 x 1-1/4	
9	7274000040	3	Clamp	
10	7274000042	3	Clamp	
11	3941506	2	Tap Screw	
12	7115151064	5	Bolt 5/16 x 1-1/4	
100	1001222911	1	Hose, Kit (Not Shown)	
101	4567130218	1	Hose	
102	4570000249	1	Hose	
400	1001132794	6	Clamp, Hose Kit (Not Shown)	
401	7274000076	6	Clamp	
402	7785152420	6	Screw 5/16 x 1-1/2	
403	7660152601	12	Nut 5/16	
404	7115151050	6	Bolt 5/16 x 1-1/4	
405	7950150161	6	Washer 5/16	
406	7274000040	6	Clamp	
407	7274000041	6	Clamp (Not Shown)	
408	7274000042	6	Clamp	

FIGURE 6-17. HOSE AND CLAMP INSTALLATION (FORD - 200IN WB)

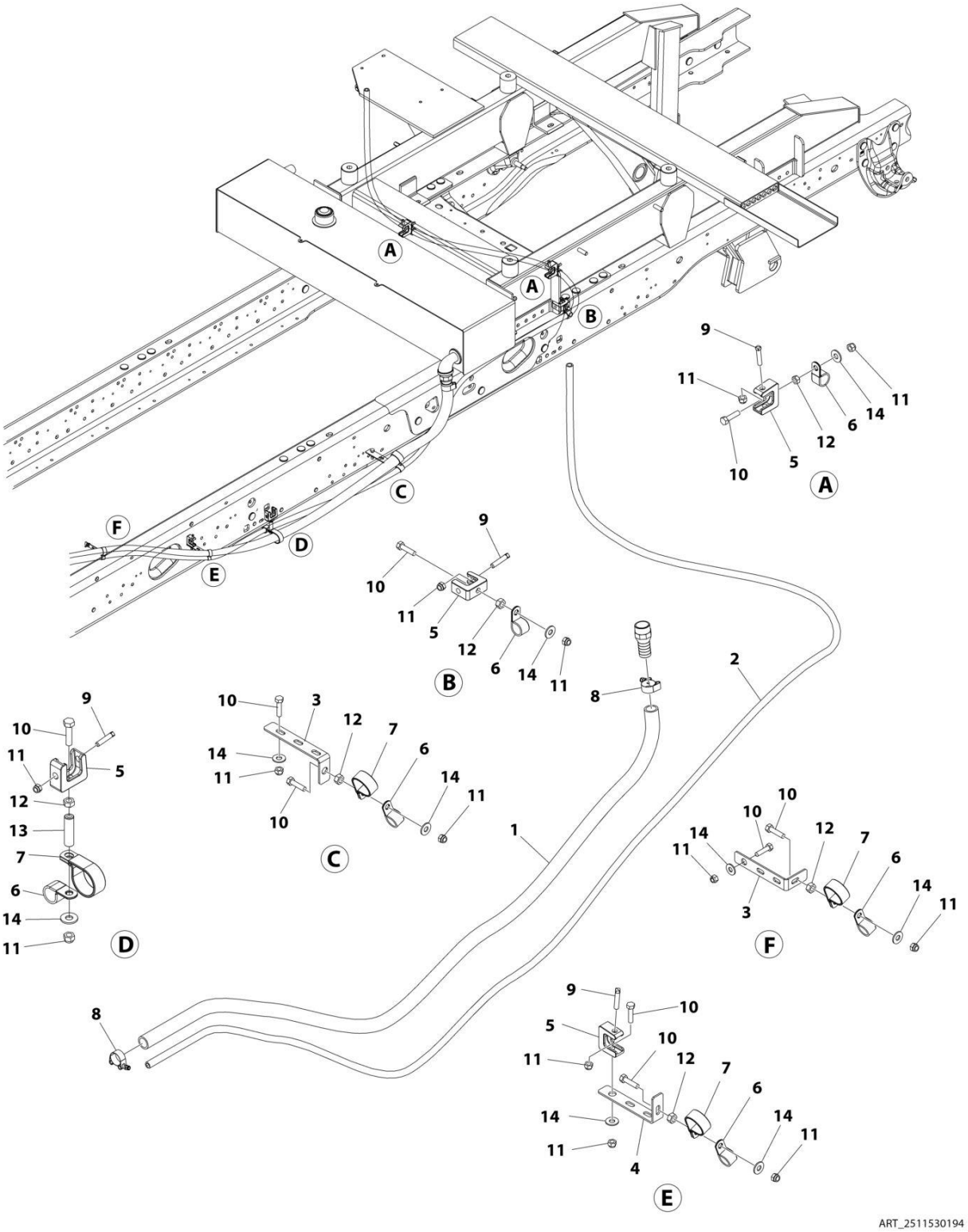


FIGURE 6-17. HOSE AND CLAMP INSTALLATION (FORD - 200IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511530194	Ref	HOSE AND CLAMP INSTALLATION (FORD - 200IN WB)	0
1	4570000375	1	Hose	
2	4567633207	1	Hose	
3	4178000369	2	Bracket	
4	4706003844	2	Plate	
5	7274000076	7	Clamp	
6	7274000105	9	Clamp	
7	7274000042	5	Clamp	
8	7274000002	2	Clamp	
9	7785152420	7	Screw 5/16 x 1-1/2	
10	7115151050	13	Bolt 5/16 x 1-1/4	
11	7660152601	19	Nut 5/16	
12	7660150000	11	Nut 5/16	
13	7661000027	1	Stacking Nut	
14	7950150161	13	Washer 5/16	

FIGURE 6-18. HOSE AND CLAMP INSTALLATION (FORD - 204IN WB)

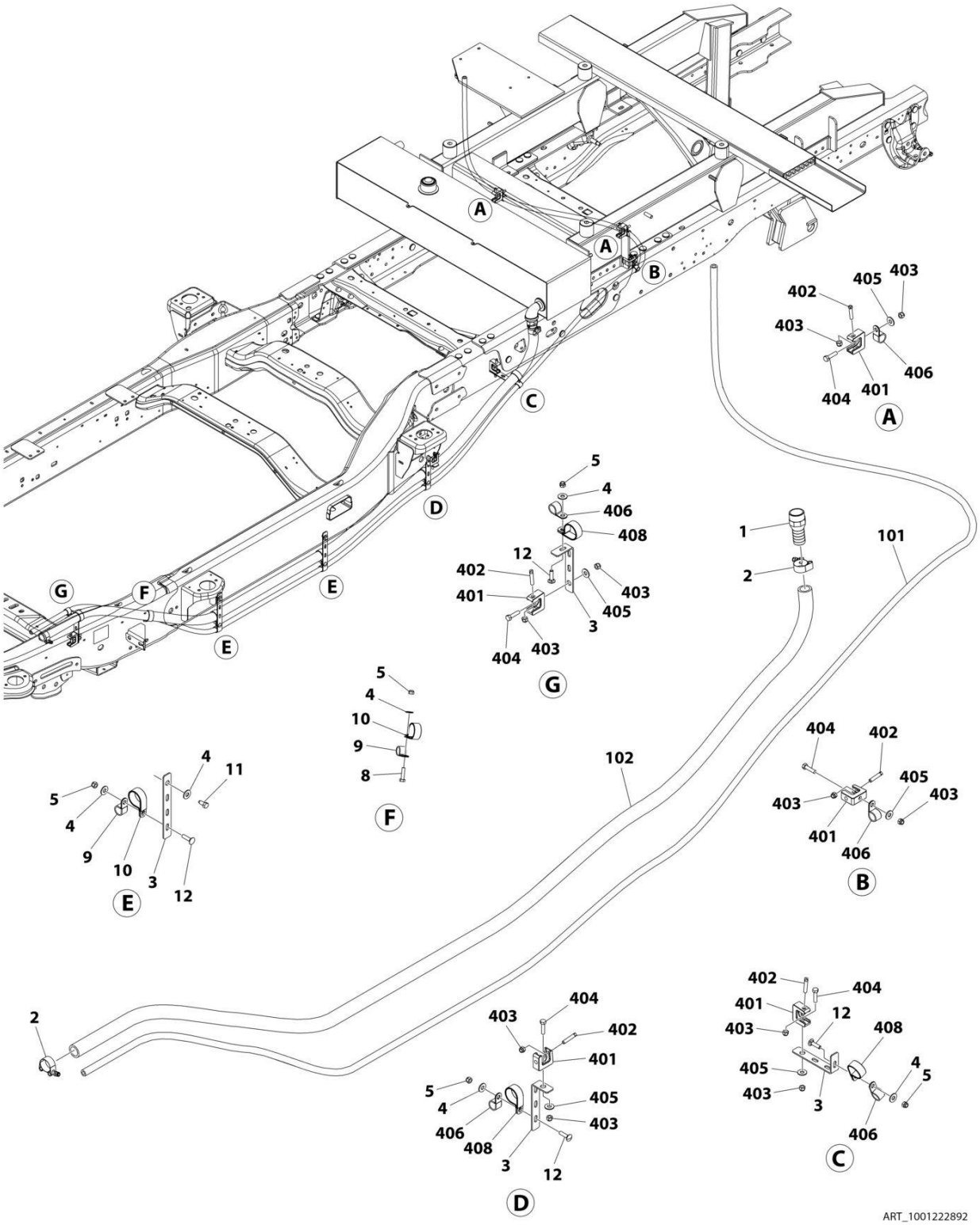


FIGURE 6-18. HOSE AND CLAMP INSTALLATION (FORD - 204IN WB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222892	Ref	HOSE AND CLAMP INSTALLATION (FORD - 204IN WB)	B
1	7443000013	1	Nipple	
2	7274000002	2	Clamp	
3	4706003844	5	Plate	
4	7950150161	8	Washer 5/16	
5	7660152601	6	Nut 5/16	
8	7115151050	1	Bolt 5/16 x 1-1/4	
9	7274000040	3	Clamp	
10	7274000042	3	Clamp	
11	3941506	2	Tap Screw	
12	7115151064	5	Bolt 5/16 x 1-1/4	
100	1001222912	1	Hose, Kit (Not Shown)	
101	4567130212	1	Hose	
102	4570000325	1	Hose	
400	1001132794	6	Clamp, Hose Kit (Not Shown)	
401	7274000076	6	Clamp	
402	7785152420	6	Screw 5/16 x 1-1/2	
403	7660152601	12	Nut 5/16	
404	7115151050	6	Bolt 5/16 x 1-1/4	
405	7950150161	6	Washer 5/16	
406	7274000040	6	Clamp	
407	7274000041	6	Clamp (Not Shown)	
408	7274000042	6	Clamp	

FIGURE 6-19. HOSE INSTALLATION - BOOM WINCH (8K LBS BOOM - 8000LBS SINGLE WINCH)

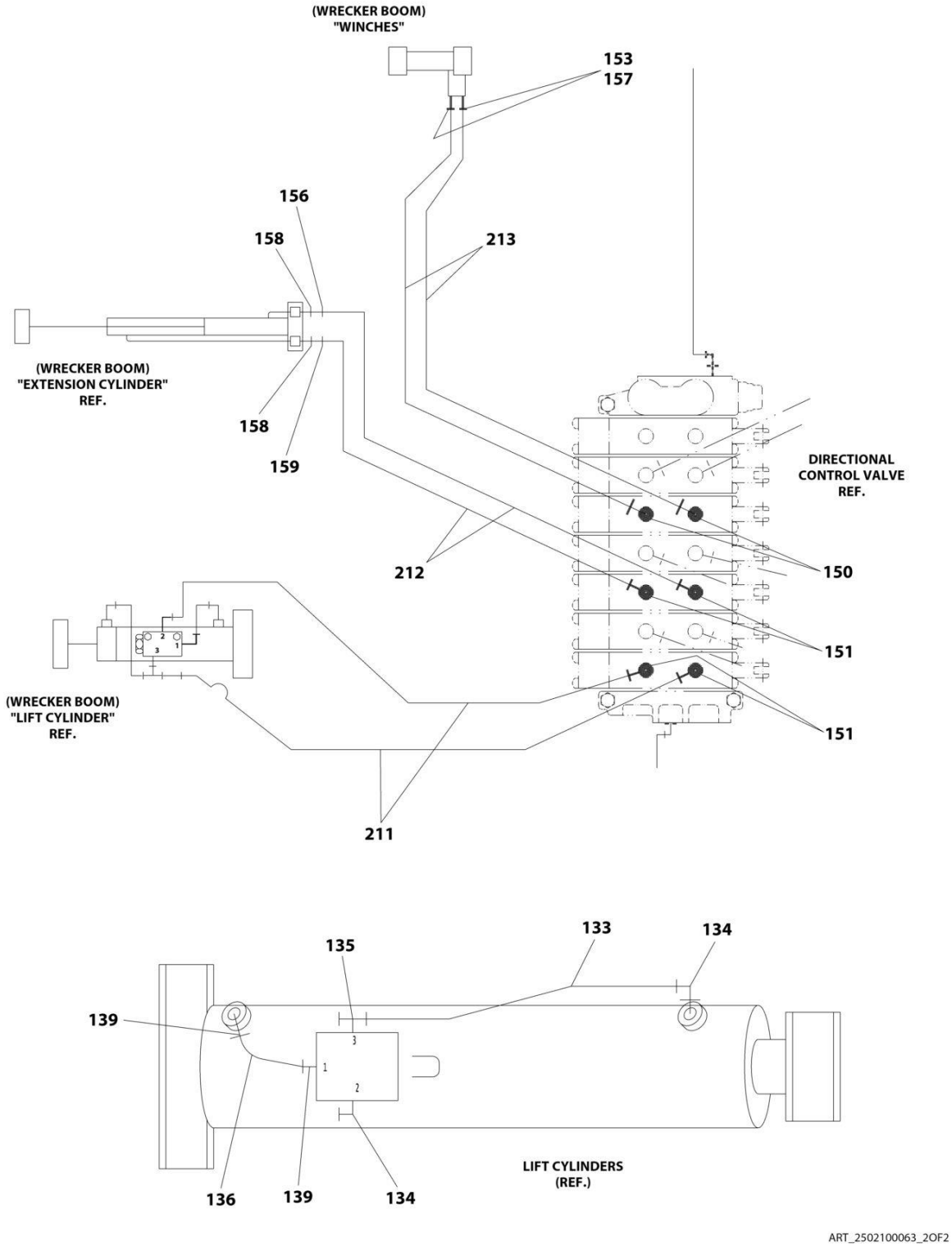


FIGURE 6-19. HOSE INSTALLATION - BOOM WINCH (8K LBS BOOM - 8000LBS SINGLE WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502100063	Ref	4 TON BOOM HYDRAULIC - SINGLE 8000 LBS WINCH	B
	3502100014	Ref	WRECKER BOOM HYDRAULICS	Q
133	7912000029	1	Tube	
134	7445060645	2	Fitting, 90	
135	7445060647	1	Fitting, Tee	
136	7912000028	1	Tube	
139	7445060646	1	Fitting, 45	
150	7445080843	2	Fitting, Straight	
151	7445060843	4	Fitting, Straight	
153	7445081043	2	Fitting, Straight	
156	7443000137	1	Fitting, 90	
157	7443000023	2	Fitting, 90	
158	7445060643	2	Fitting, Straight	
159	7445060672	1	Fitting, 90	
164	7577000627	1	Hose, Kit (Not Shown)	
211	4567322064	2	Hose	
212	4567122055	2	Hose	
213	4567332075	2	Hose	

FIGURE 6-20. HOSE INSTALLATION - BOOM WINCH (18.5K LBS BOOM - 8000LBS SINGLE WINCH)

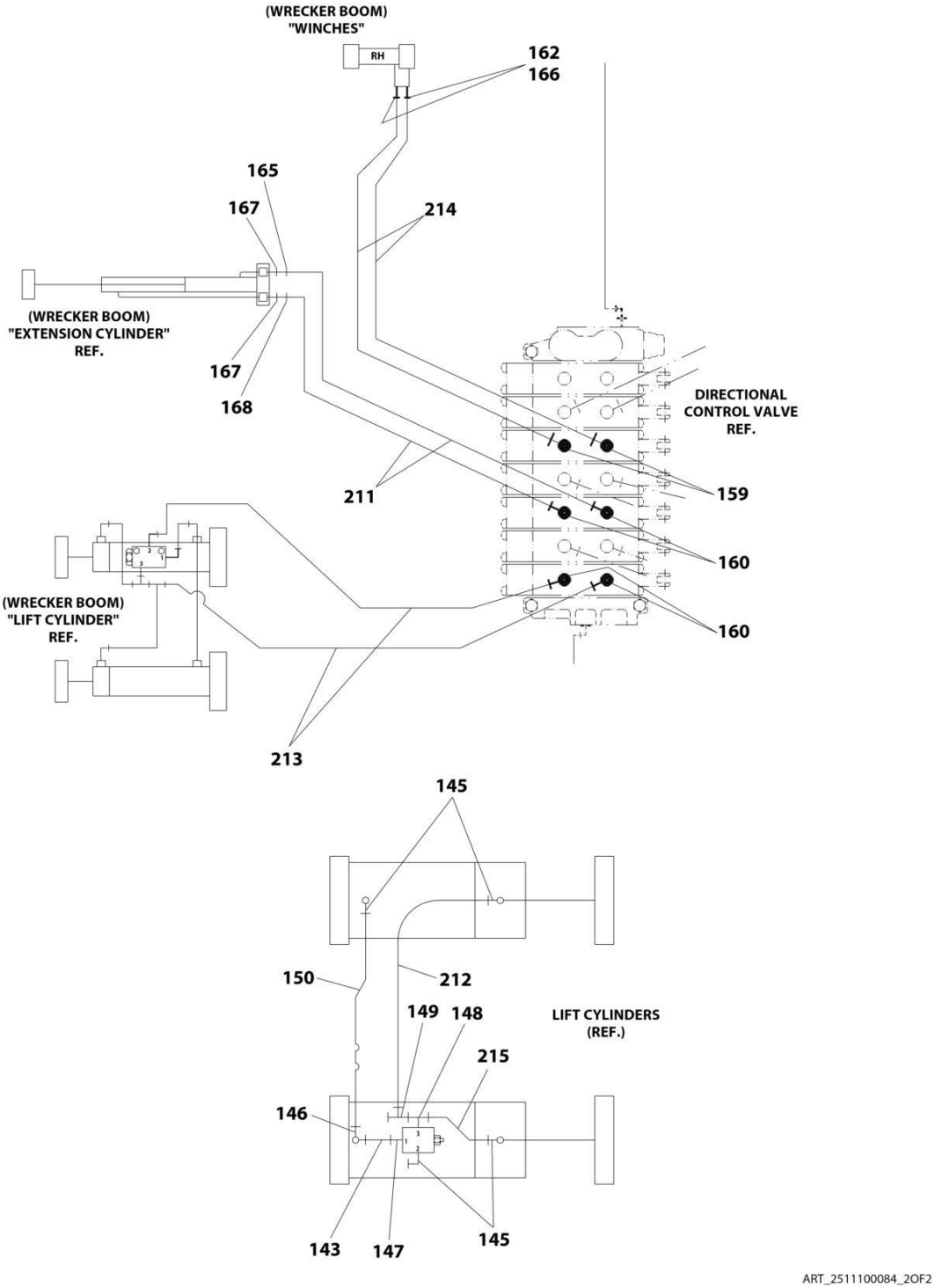


FIGURE 6-20. HOSE INSTALLATION - BOOM WINCH (18.5K LBS BOOM - 8000LBS SINGLE WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511100084	Ref	BOOM HYDRAULIC - SINGLE 8000 LBS WINCH	C
143	7912000001	1	Tube	
145	7445060645	4	Fitting, 90	
146	7445060648	1	Fitting, Tee	
147	7445060646	1	Fitting, 45	
148	7445060647	1	Fitting, Tee	
149	7443000030	1	Fitting, Tee	
150	7912000002	1	Tube	
159	7445080843	2	Fitting, Straight	
160	7445060843	4	Fitting, Straight	
162	7445081043	2	Fitting, Straight	
165	7443000137	1	Fitting, 90	
166	7443000023	2	Fitting, 90	
167	7445060643	2	Fitting, Straight	
168	7445060672	1	Fitting, 90	
173	7577000628	1	Hose, Kit (Not Shown)	
211	4567122055	2	Hose	
212	4567222022	1	Hose	
213	4567322064	2	Hose	
214	4567332075	2	Hose	
215	4570000008	1	Hose	

FIGURE 6-21. HOSE INSTALLATION - BOOM WINCH (18.5K LBS BOOM - 8000LBS DUAL WINCH)

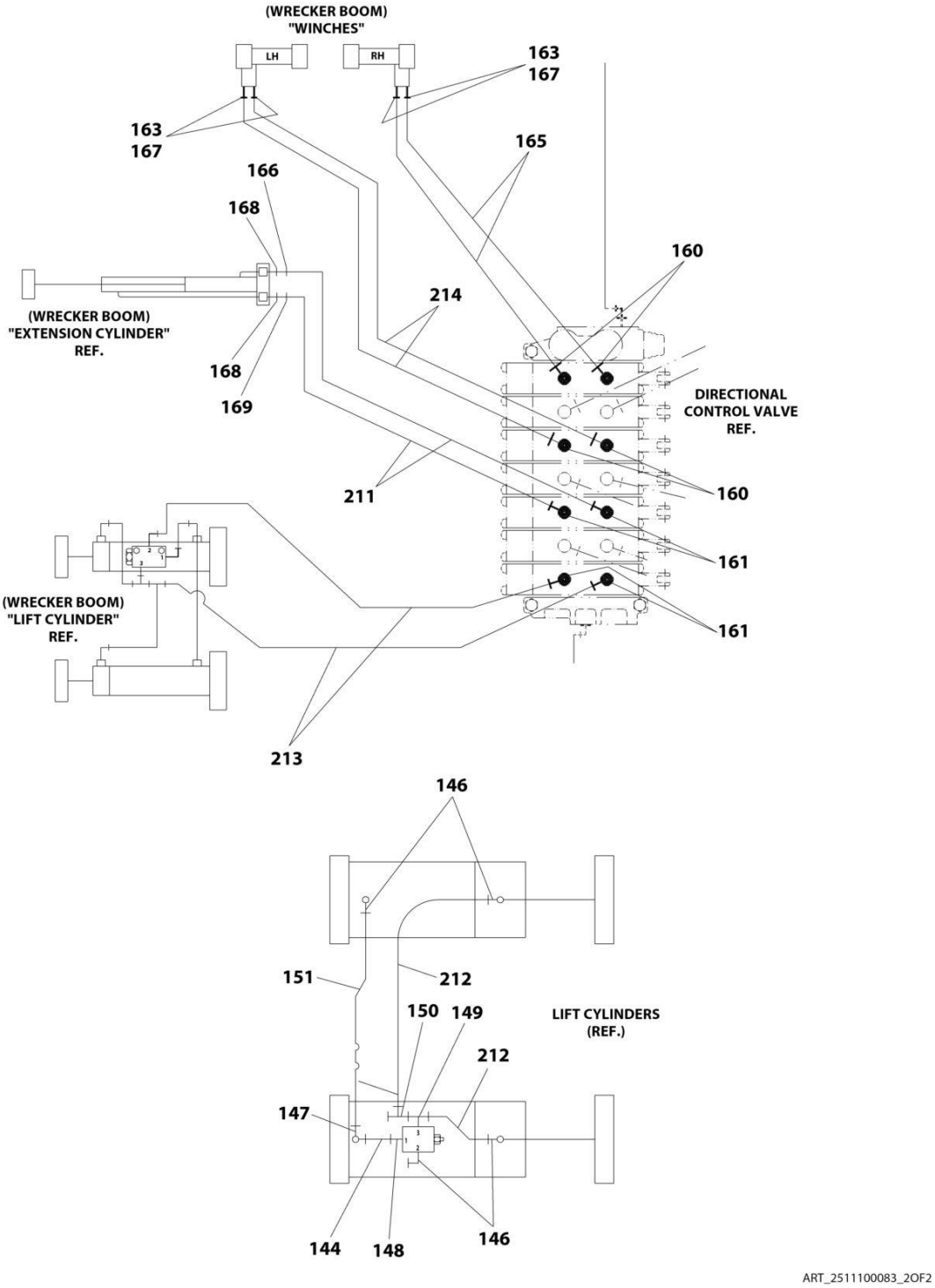


FIGURE 6-21. HOSE INSTALLATION - BOOM WINCH (18.5K LBS BOOM - 8000LBS DUAL WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511100083	Ref	BOOM HYDRAULIC - DUAL 8000 LBS WINCH	C
144	7912000001	1	Tube	
146	7445060645	4	Fitting, 90	
147	7445060648	1	Fitting, Tee	
148	7445060646	1	Fitting, 45	
149	7445060647	1	Fitting, Tee	
150	7443000030	1	Fitting, Tee	
151	7912000002	1	Tube	
160	7445080843	4	Fitting, Straight	
161	7445060843	4	Fitting, Straight	
163	7445081043	4	Fitting, Straight	
165	4567332075	2	Hose	
166	7443000137	1	Fitting, 90	
167	7443000023	4	Fitting, 90	
168	7445060643	2	Fitting, Straight	
169	7445060672	1	Fitting, 90	
173	7577000628	1	Hose, Kit (Not Shown)	
211	4567122055	2	Hose	
212	4567222022	1	Hose	
213	4567322064	2	Hose	
214	4567332075	2	Hose	
215	4570000008	1	Hose	

FIGURE 6-22. HOSE INSTALLATION - BOOM WINCH (18.5K LBS BOOM - 8000 LBS DUAL WINCH) (SPEEDWAY SPECS)

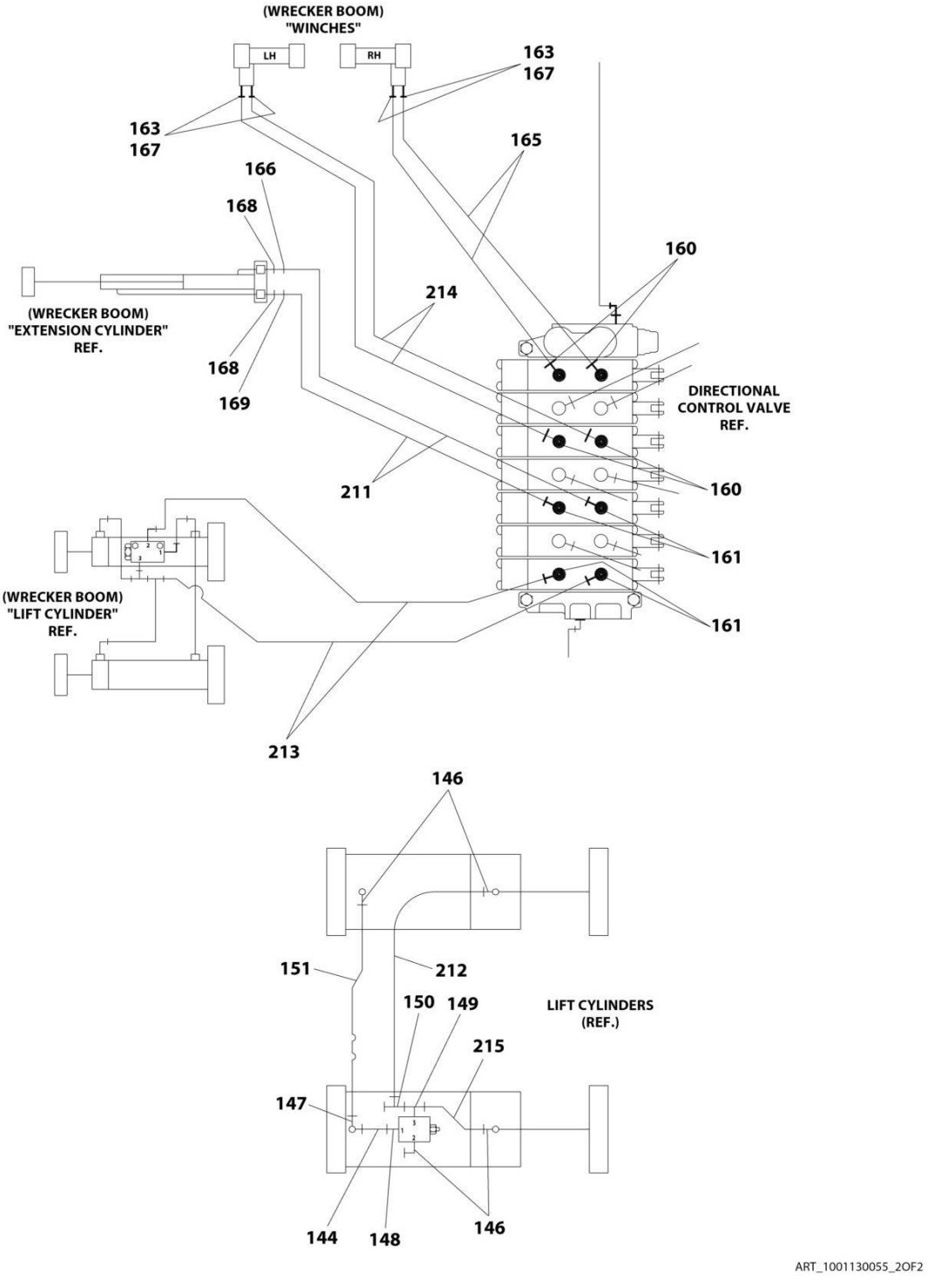


FIGURE 6-22. HOSE INSTALLATION - BOOM WINCH (18.5K LBS BOOM - 8000 LBS DUAL WINCH) (SPEEDWAY SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001130055	Ref	WINCH HYDRAULIC - DUAL LBS WINCH	C
144	7912000001	1	Tube	
146	7445060645	4	Fitting, 90	
147	7445060648	1	Fitting, Tee	
148	7445060646	1	Fitting, 45	
149	7445060647	1	Fitting, Tee	
150	7443000030	1	Fitting, Tee	
151	7912000002	1	Tube	
160	7445080843	4	Fitting, Straight	
161	7445060843	4	Fitting, Straight	
163	7445081043	4	Fitting, Straight	
165	4567332075	2	Hose	
166	7443000137	1	Fitting, 90	
167	7443000023	4	Fitting, 90	
168	7445060643	2	Fitting, Straight	
169	7445060672	1	Fitting, 90	
173	7577000628	1	Hose, Kit (Not Shown)	
211	4567122055	2	Hose	
212	4567222022	1	Hose	
213	4567322064	2	Hose	
214	4567332075	2	Hose	
215	4570000008	1	Hose	

FIGURE 6-23. HOSE INSTALLATION - BOOM WINCH (18.5K LBS BOOM - 8000 LBS DUAL WINCH) (WITH COUNTERBALANCE VALVES)

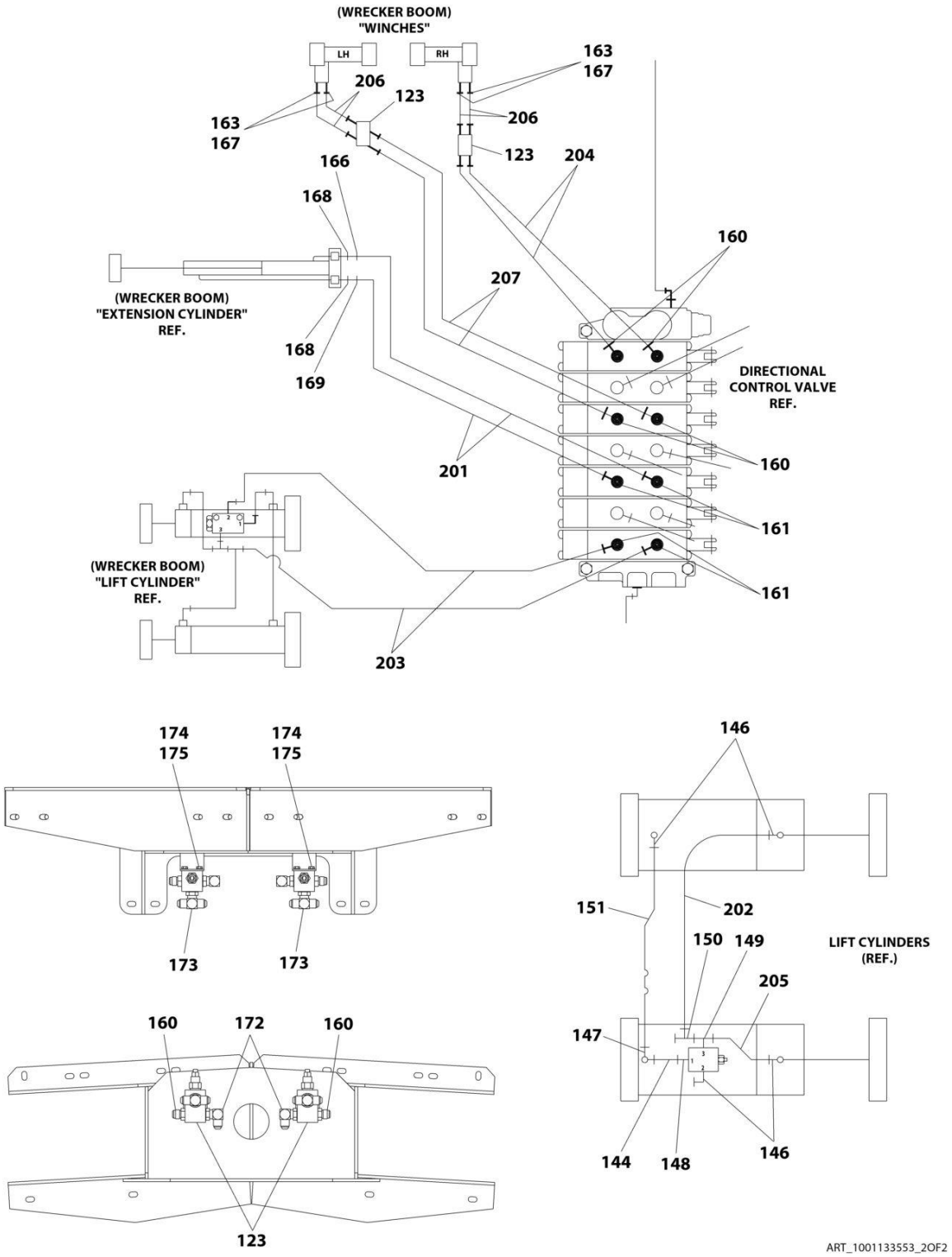


FIGURE 6-23. HOSE INSTALLATION - BOOM WINCH (18.5K LBS BOOM - 8000 LBS DUAL WINCH) (WITH COUNTERBALANCE VALVES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133553	Ref	BOOM HYDRAULIC - DUAL 8000 LBS WINCH	C
123	7935000258	2	Valve, Relief	
144	7912000001	1	Tube	
146	7445060645	4	Fitting, 90	
147	7445060648	1	Fitting, Tee	
148	7445060646	1	Fitting, 45	
149	7445060647	1	Fitting, Tee	
150	7443000030	1	Fitting, Tee	
151	7912000002	1	Tube	
160	7445080843	4	Fitting, Straight	
161	7445060843	4	Fitting, Straight	
163	7445081043	4	Fitting, Straight	
166	7443000137	1	Fitting, 90	
167	7443000023	4	Fitting, 90	
168	7445060643	2	Fitting, Straight	
169	7445060672	1	Fitting, 90	
172	7445080845	2	Fitting, 90	
173	7445080847	2	Fitting, Tee	
174	4761400	4	Washer 1/4	
175	0641405	4	Bolt 1/4 x 5/8	
178	1001133537	1	Hose, Kit (Not Shown)	
201	4567122055	2	Hose	
202	4567222022	1	Hose	
203	4567322064	2	Hose	
204	4567132055	2	Hose	
205	4570000008	1	Hose	
206	4567132026	4	Hose	
207	4567132060	2	Hose	

FIGURE 6-24. HOSE INSTALLATION - BOOM WINCH (24K LBS BOOM - 10000LBS BOOM SINGLE WINCH)

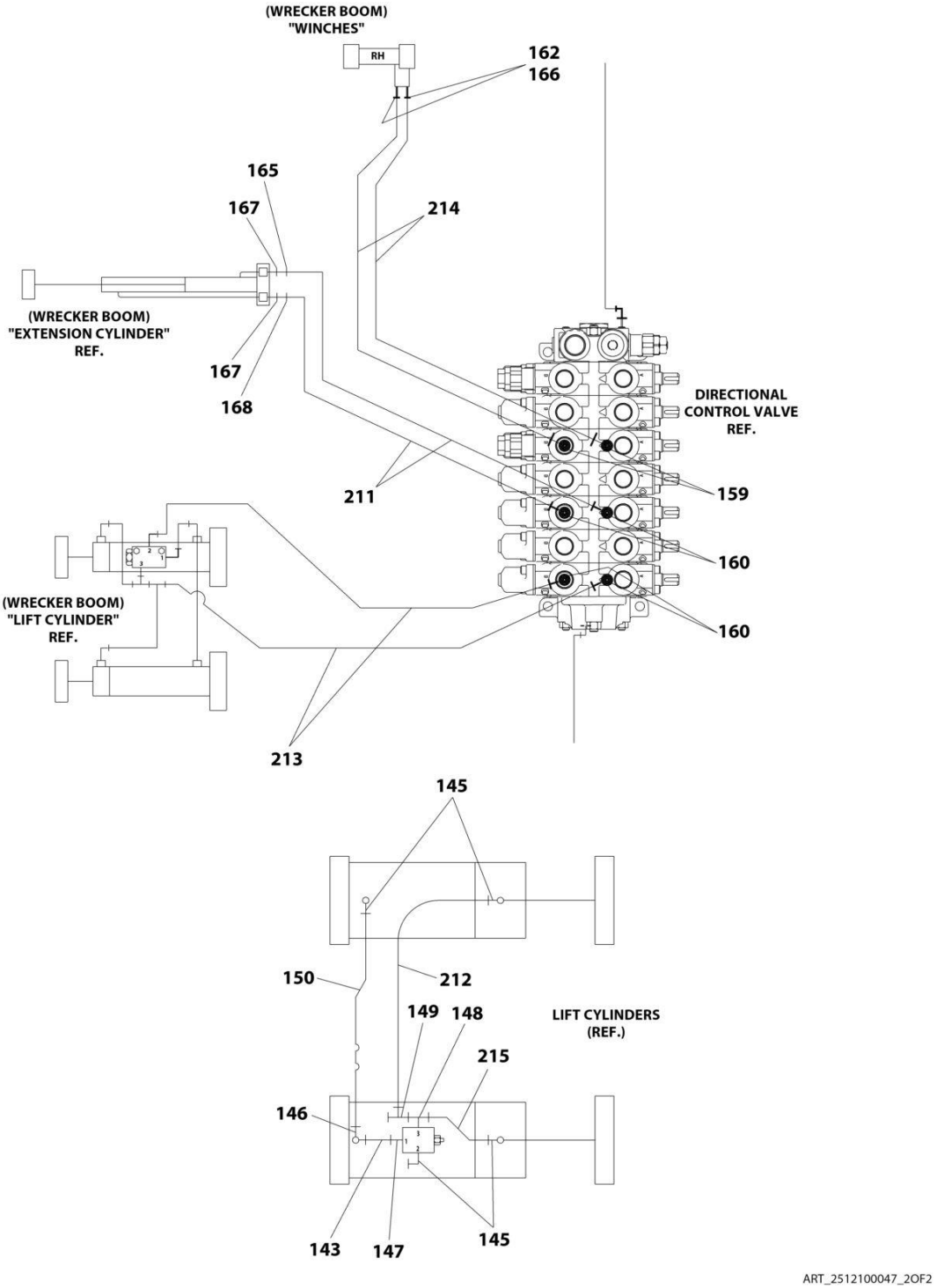


FIGURE 6-24. HOSE INSTALLATION - BOOM WINCH (24K LBS BOOM - 10000LBS BOOM SINGLE WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512100047	Ref	12 TON BOOM HYDRAULIC - SINGLE 10000 LBS WINCH	C
143	7912000001	1	Tube	
145	7445060645	4	Fitting, 90	
146	7445060648	1	Fitting, Tee	
147	7445060646	1	Fitting, 45	
148	7445060647	1	Fitting, Tee	
149	7443000030	1	Fitting, Tee	
150	7912000002	1	Tube	
159	7445080843	2	Fitting, Straight	
160	7445060843	4	Fitting, Straight	
162	7445081043	2	Fitting, Straight	
165	7443000137	1	Fitting, 90	
166	7443000023	2	Fitting, 90	
167	7445060643	2	Fitting, Straight	
168	7445060672	1	Fitting, 90	
172	7577000628	1	Hose, Kit (Not Shown)	
211	4567122055	2	Hose	
212	4567222022	1	Hose	
213	4567322064	2	Hose	
214	4567332075	2	Hose	
215	4570000008	1	Hose	

FIGURE 6-25. HOSE INSTALLATION - BOOM WINCH (24K LBS BOOM - 10000LBS BOOM DUAL WINCH)

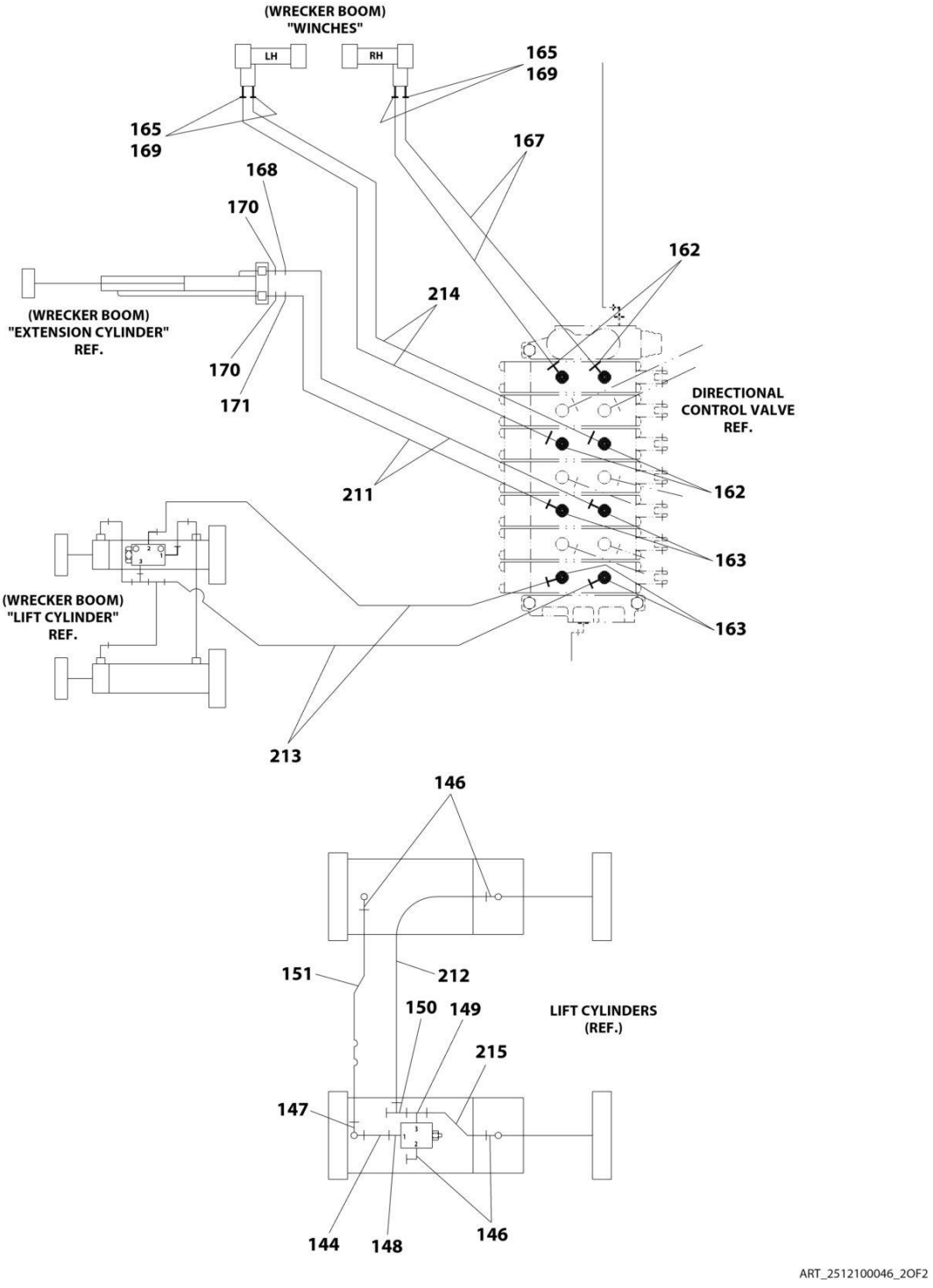


FIGURE 6-25. HOSE INSTALLATION - BOOM WINCH (24K LBS BOOM - 10000LBS BOOM DUAL WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512100046	Ref	BOOM HYDRAULIC - DUAL 10000 LBS WINCH	E
144	7912000001	1	Tube	
146	7445060645	4	Fitting, 90	
147	7445060648	1	Fitting, Tee	
148	7445060646	1	Fitting, 45	
149	7445060647	1	Fitting, Tee	
150	7443000030	1	Fitting, Tee	
151	7912000002	1	Tube	
162	7445080843	4	Fitting, Straight	
163	7445060843	4	Fitting, Straight	
165	7445081043	4	Fitting, Straight	
167	4567332075	2	Hose	
168	7443000137	1	Fitting, 90	
169	7443000023	4	Fitting, 90	
170	7445060643	2	Fitting, Straight	
171	7445060672	1	Fitting, 90	
175	7577000628	1	Hose, Kit (Not Shown)	
211	4567122055	2	Hose	
212	4567222022	1	Hose	
213	4567322064	2	Hose	
214	4567332075	2	Hose	
215	4570000008	1	Hose	

FIGURE 6-26. HOSE INSTALLATION - BOOM WINCH (24K LBS BOOM - 10000 LBS DUAL WINCH) (WITH COUNTERBALANCE VALVES)

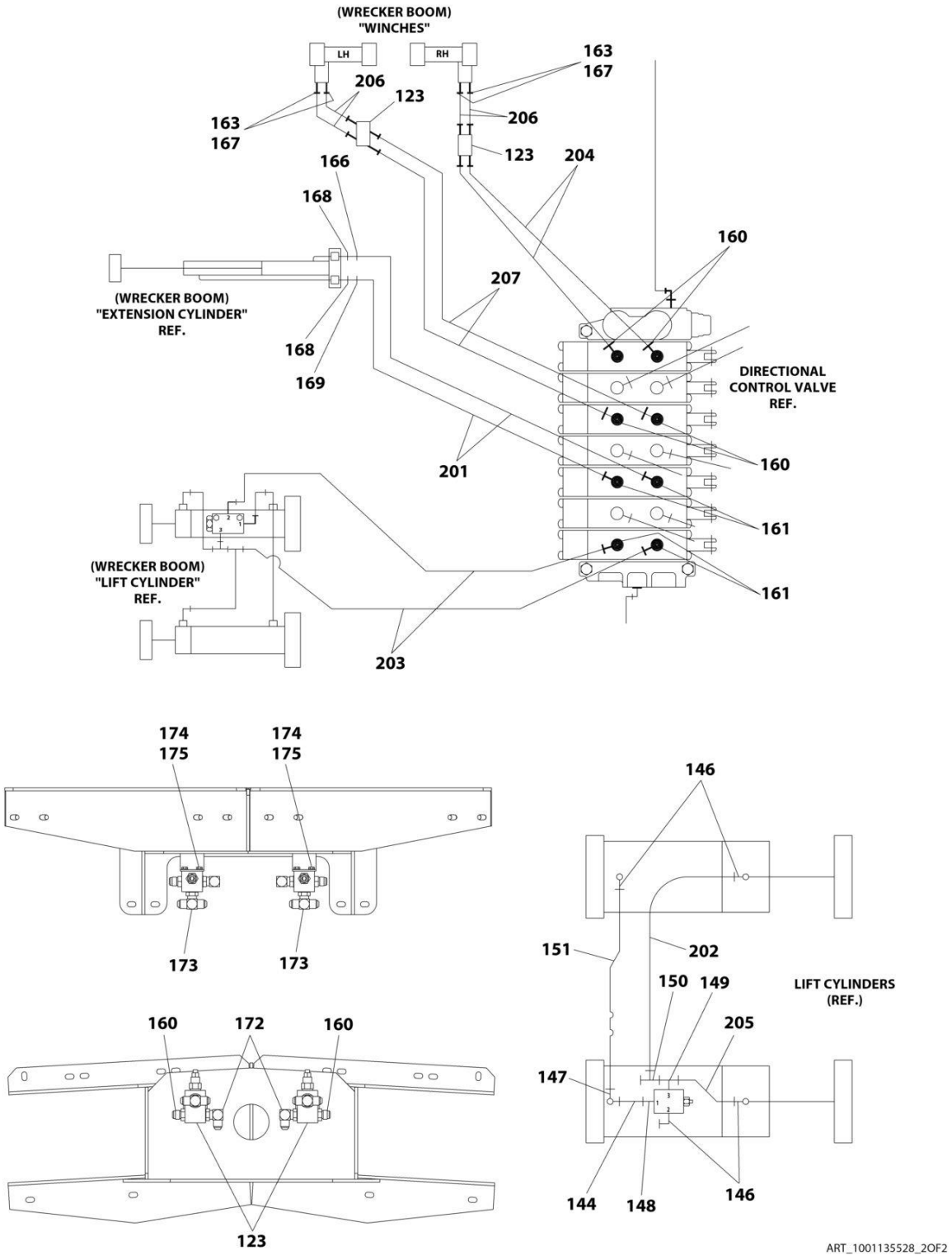


FIGURE 6-26. HOSE INSTALLATION - BOOM WINCH (24K LBS BOOM - 10000 LBS DUAL WINCH) (WITH COUNTERBALANCE VALVES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135528	Ref	BOOM HYDRAULIC - DUAL 10000 LBS WINCH	D
123	7935000258	2	Valve, Relief	
144	7912000001	1	Tube	
146	7445060645	4	Fitting, 90	
147	7445060648	1	Fitting, Tee	
148	7445060646	1	Fitting, 45	
149	7445060647	1	Fitting, Tee	
150	7443000030	1	Fitting, Tee	
151	7912000002	1	Tube	
160	7445080843	4	Fitting, Straight	
161	7445060843	4	Fitting, Straight	
163	7445081043	4	Fitting, Straight	
166	7443000137	1	Fitting, 90	
167	7443000023	4	Fitting, 90	
168	7445060643	2	Fitting, Straight	
169	7445060672	1	Fitting, 90	
172	7445080845	2	Fitting, 90	
173	7445080847	2	Fitting, Tee	
174	4761400	4	Washer 1/4	
175	0641405	4	Bolt 1/4 x 5/8	
178	1001133537	1	Hose, Kit (Not Shown)	
201	4567122055	2	Hose	
202	4567222022	1	Hose	
203	4567322064	2	Hose	
204	4567132055	2	Hose	
205	4570000008	1	Hose	
206	4567132026	4	Hose	
207	4567132060	2	Hose	

FIGURE 6-27. HOSE INSTALLATION - BOOM WINCH (24K LBS BOOM - 12000 LBS SINGLE WINCH) (WEST COAST SPECS)

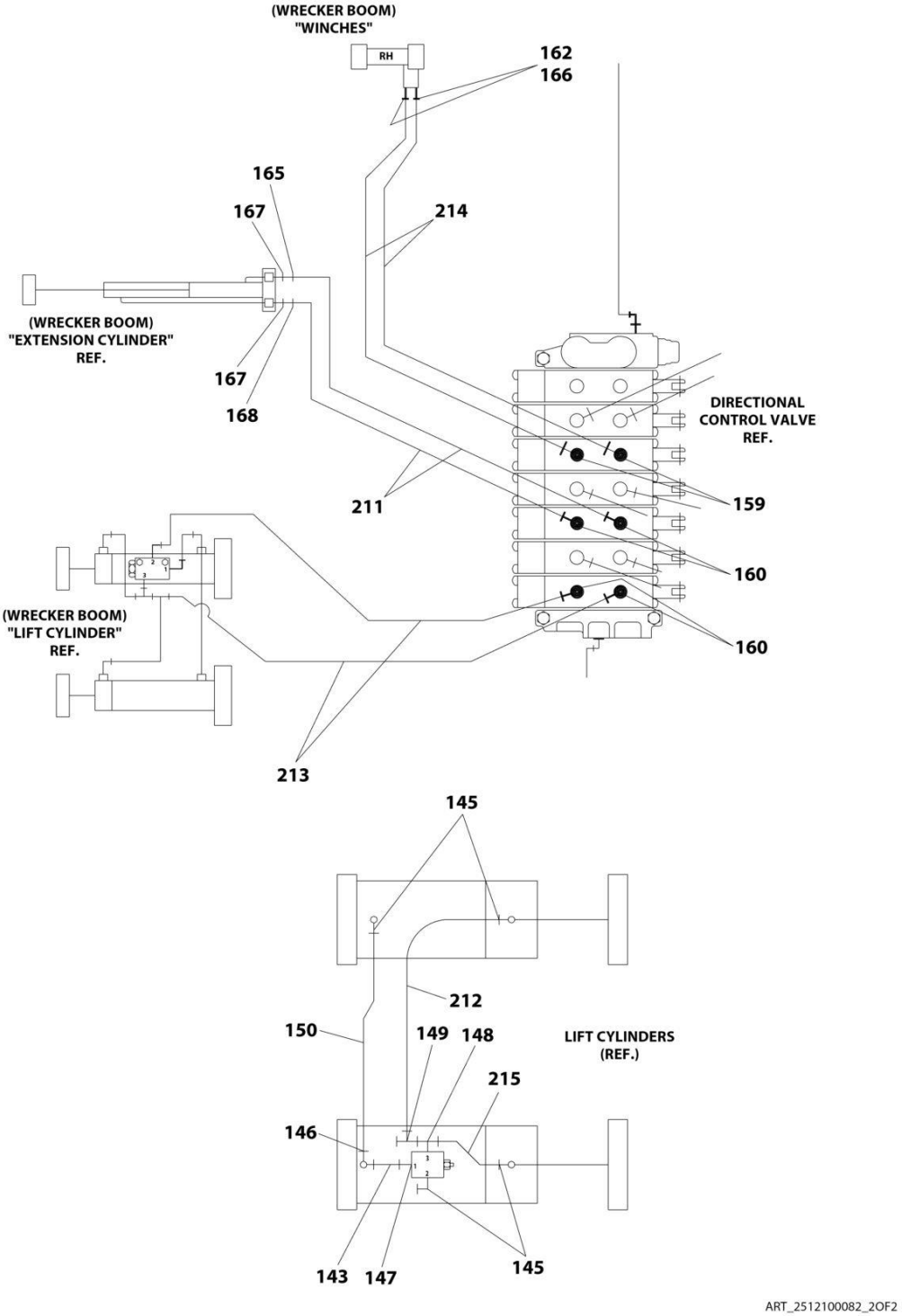


FIGURE 6-27. HOSE INSTALLATION - BOOM WINCH (24K LBS BOOM - 12000 LBS SINGLE WINCH) (WEST COAST SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512100082	Ref	12 TON BOOM HYDRAULIC - SINGLE 10000 LBS WINCH	C
143	7912000001	1	Tube	
145	7445060645	4	Fitting, 90	
146	7445060648	1	Fitting, Tee	
147	7445060646	1	Fitting, 45	
148	7445060647	1	Fitting, Tee	
149	7443000030	1	Fitting, Tee	
150	7912000002	1	Tube	
159	7445080843	2	Fitting, Straight	
160	7445060843	4	Fitting, Straight	
162	7445081043	2	Fitting, Straight	
165	7443000137	1	Fitting, 90	
166	7443000023	2	Fitting, 90	
167	7445060643	2	Fitting, Straight	
168	7445060672	1	Fitting, 90	
172	7577000628	1	Hose, Kit (Not Shown)	
211	4567122055	2	Hose	
212	4567222022	1	Hose	
213	4567322064	2	Hose	
214	4567332075	2	Hose	
215	4570000008	1	Hose	

FIGURE 6-28. HOSE INSTALLATION - BOOM WINCH (24K LBS BOOM - 12000LBS BOOM DUAL WINCH)

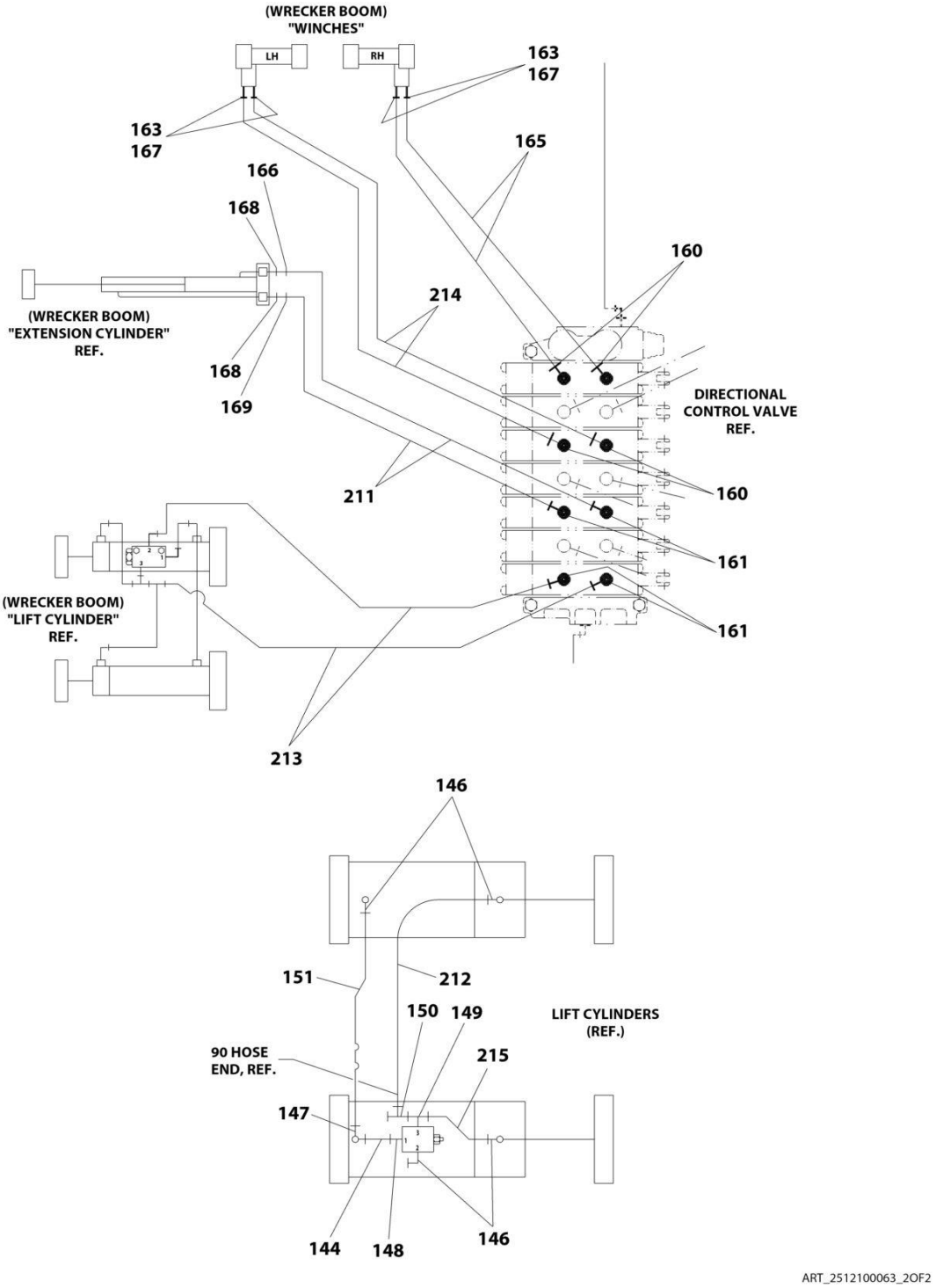


FIGURE 6-28. HOSE INSTALLATION - BOOM WINCH (24K LBS BOOM - 12000LBS BOOM DUAL WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512100063	Ref	BOOM HYDRAULIC - DUAL 12000 LBS WINCH	C
144	7912000001	1	Tube	
146	7445060645	4	Fitting, 90	
147	7445060648	1	Fitting, Tee	
148	7445060646	1	Fitting, 45	
149	7445060647	1	Fitting, Tee	
150	7443000030	1	Fitting, Tee	
151	7912000002	1	Tube	
160	7445080843	4	Fitting, Straight	
161	7445060843	4	Fitting, Straight	
163	7445081043	4	Fitting, Straight	
165	4567332075	2	Hose	
166	7443000137	1	Fitting, 90	
167	7443000023	4	Fitting, 90	
168	7445060643	2	Fitting, Straight	
169	7445060672	1	Fitting, 90	
173	7577000628	1	Hose, Kit (Not Shown)	
211	4567122055	2	Hose	
212	4567222022	1	Hose	
213	4567322064	2	Hose	
214	4567332075	2	Hose	
215	4570000008	1	Hose	

FIGURE 6-29. HOSE INSTALLATION - BOOM WINCH (24K LBS BOOM - 12000 LBS DUAL WINCH) (WEST COAST SPECS)

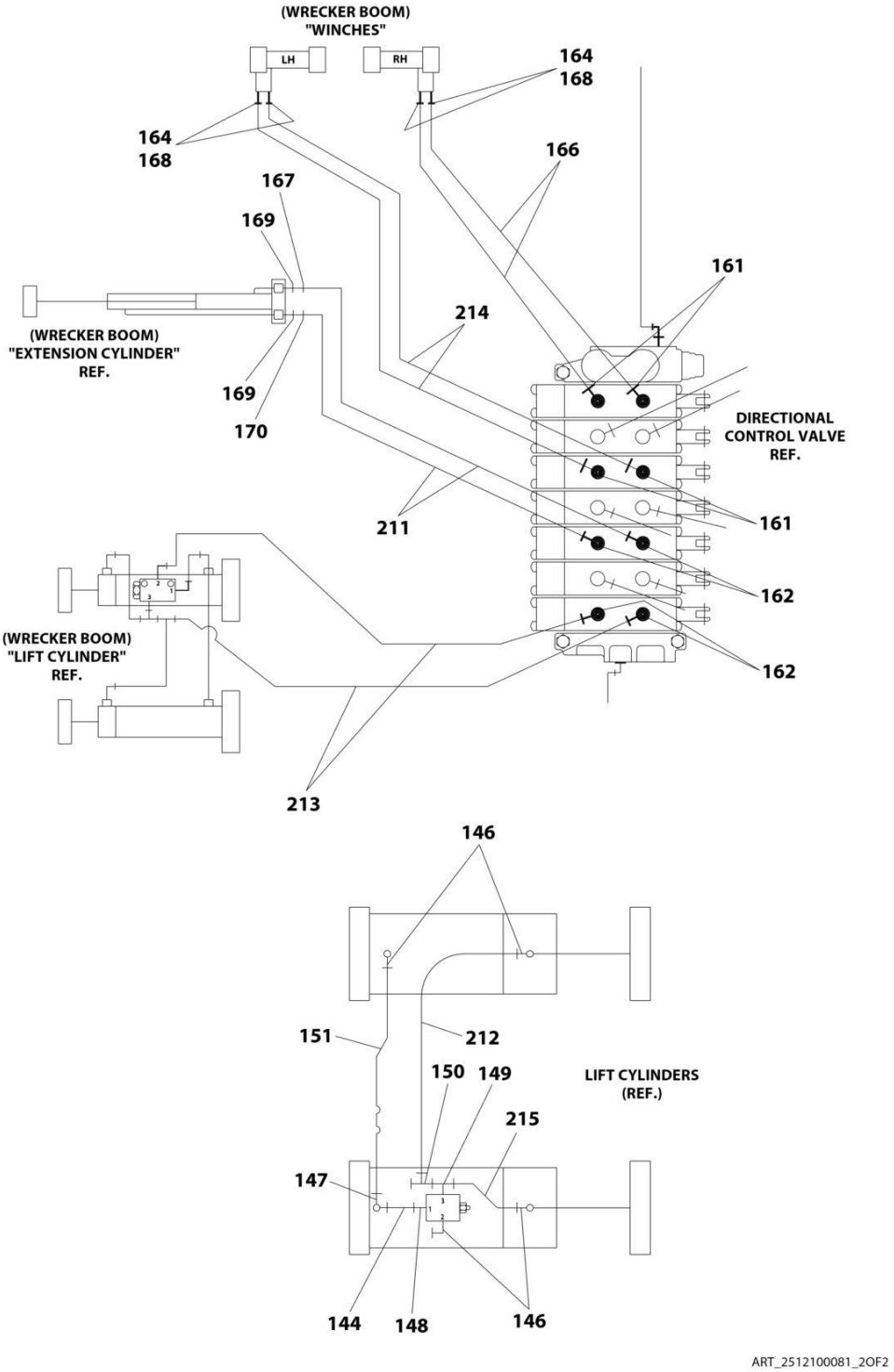


FIGURE 6-29. HOSE INSTALLATION - BOOM WINCH (24K LBS BOOM - 12000 LBS DUAL WINCH) (WEST COAST SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512100081	Ref	BOOM HYDRAULIC - DUAL 10000 LBS WINCH	C
144	7912000001	1	Tube	
146	7445060645	4	Fitting, 90	
147	7445060648	1	Fitting, Tee	
148	7445060646	1	Fitting, 45	
149	7445060647	1	Fitting, Tee	
150	7443000030	1	Fitting, Tee	
151	7912000002	1	Tube	
161	7445080843	4	Fitting, Straight	
162	7445060843	4	Fitting, Straight	
164	7445081043	4	Fitting, Straight	
166	4567332075	2	Hose	
167	7443000137	1	Fitting, 90	
168	7443000023	4	Fitting, 90	
169	7445060643	2	Fitting, Straight	
170	7445060672	1	Fitting, 90	
174	7577000628	1	Hose, Kit (Not Shown)	
211	4567122055	2	Hose	
212	4567222022	1	Hose	
213	4567322064	2	Hose	
214	4567332075	2	Hose	
215	4570000008	1	Hose	

FIGURE 6-30. HOSE INSTALLATION - WHEEL LIFT (HPL35)

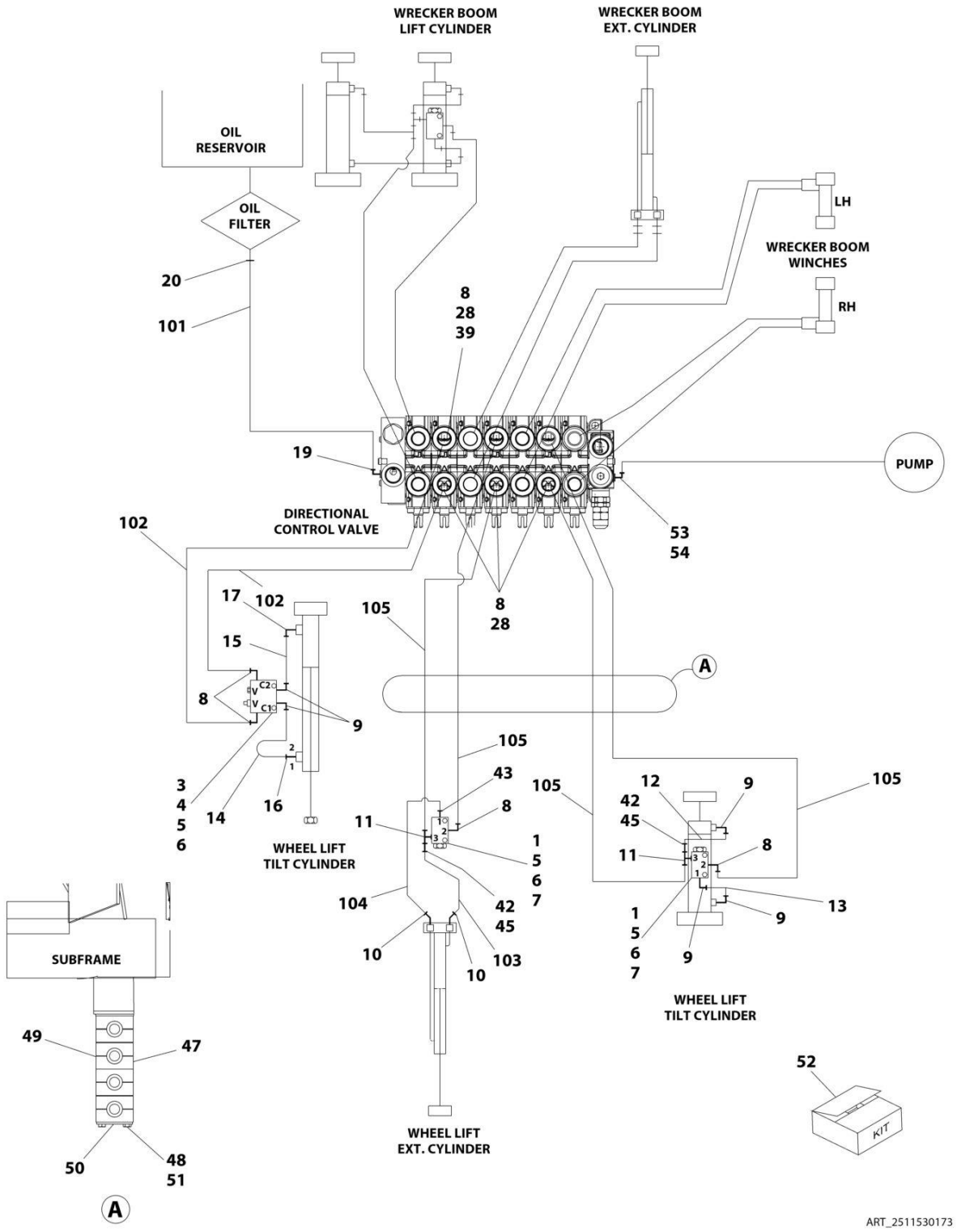


FIGURE 6-30. HOSE INSTALLATION - WHEEL LIFT (HPL35)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511530173	Ref	HYDRAULIC INSTALLATION - WHEELLIFT	E
1	7935000308	2	Valve Assembly	
1	9935930102	1	Seal Kit	
3	7935000307	1	Valve Assembly	
3	9935930104	1	Seal Kit (Counterbalance Cartridge)	
4	7111151650	2	Bolt 5/16 x 2	
5	7950150161	4	Washer 5/16	
6	7660152601	4	Nut 5/16	
7	7115152650	2	Bolt 5/16 x 3-1/4	
8	7445060645	10	Fitting, 90	
9	7445040645	5	Fitting, 90	
10	7445040446	2	Fitting, 45	
11	7445060647	2	Fitting, Tee	
12	7912000030	1	Tube	
13	7912000013	1	Tube	
14	7912000005	1	Tube	
15	7912000017	1	Tube	
16	7445040443	1	Fitting, Straight	
17	7445040445	1	Fitting, 90	
19	7445121245	1	Fitting, 90	
20	7445121619	1	Fitting, Straight	
25	7819000005	1	Sleeve (Not Shown)	
28	7443000129	6	Reducer	
29	7274000042	2	Clamp (Not Shown)	
39	7443000108	1	Restrictor	
42	7443000105	2	Reducer	
43	7445040643	1	Fitting, Straight	
45	7443000106	2	Reducer	
47	7274000113	4	Clamp	
48	7274000114	6	Clamp	
49	7274000115	3	Clamp	
50	7274000116	1	Clamp	
51	7274000117	2	Clamp	
52	7577000626	Ref	Hose Kit (Includes items 101-105)	
53	7445081043	1	Fitting, Straight	
54	7445080818	1	Nut #8	
	7577000626	Ref	HOSE KIT	B
101	4567362021	1	Hose	
102	4567320044	2	Hose	
103	4567110024	1	Hose	
104	4567210021	1	Hose	
105	4567120115	4	Hose	

FIGURE 6-31. HOSE INSTALLATION - WHEEL LIFT (HPL60)

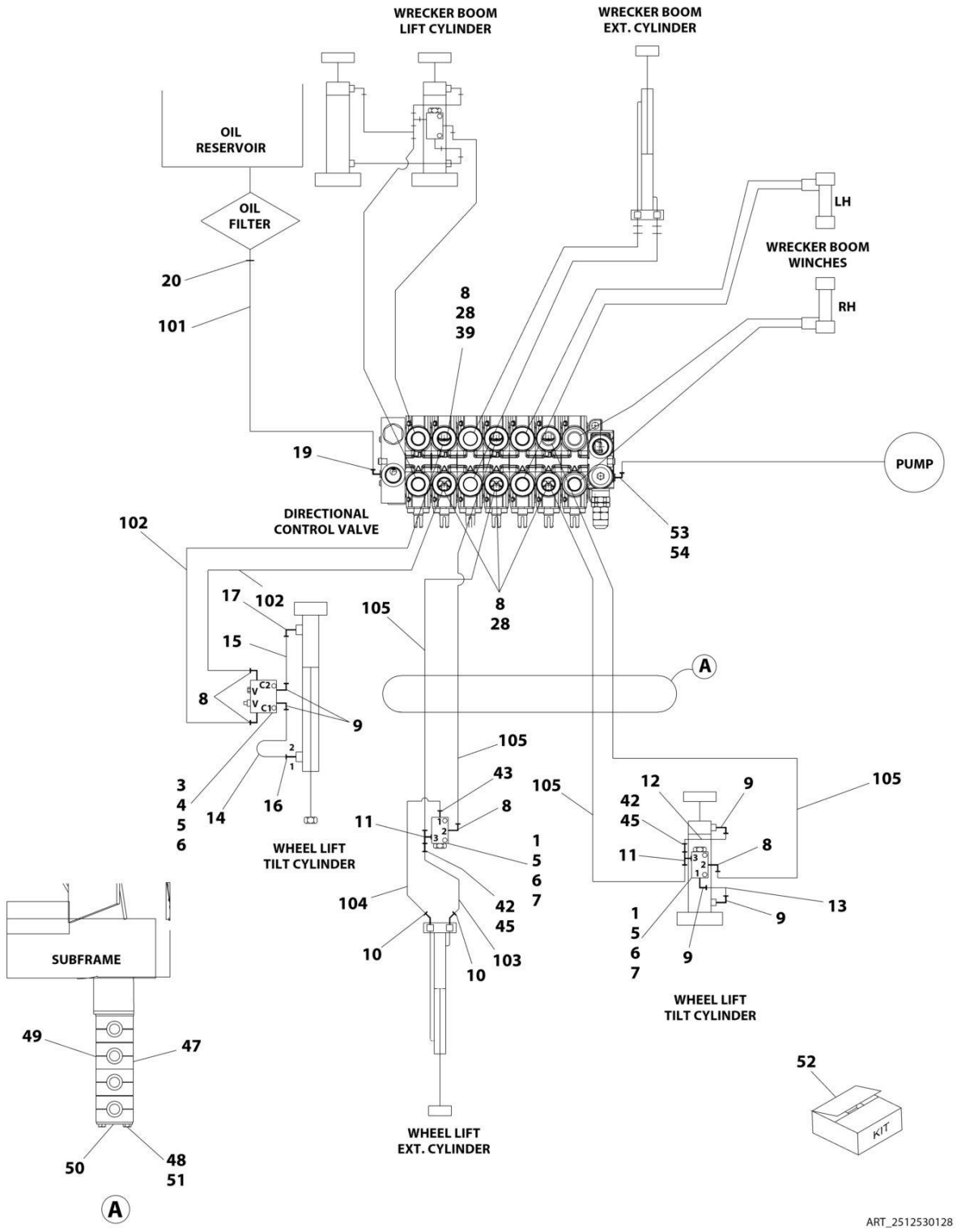


FIGURE 6-31. HOSE INSTALLATION - WHEEL LIFT (HPL60)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512530128	Ref	HYDRAULIC INSTALLATION - WHEELLIFT	D
1	7935000308	2	Valve Assembly	
1	9935930102	1	Seal Kit	
3	7935000307	1	Valve Assembly	
3	9935930104	1	Seal Kit (Counterbalance Cartridge)	
4	7111151650	2	Bolt 5/16 x 2	
5	7950150161	4	Washer 5/16	
6	7660152601	4	Nut 5/16	
7	7115152650	2	Bolt 5/16 x 3-1/4	
8	7445060645	10	Fitting, 90	
9	7445040645	5	Fitting, 90	
10	7445040446	2	Fitting, 45	
11	7445060647	2	Fitting, Tee	
12	7912000031	1	Tube	
13	7912000020	1	Tube	
14	7912000005	1	Tube	
15	7912000017	1	Tube	
16	7445040443	1	Fitting, Straight	
17	7445040445	1	Fitting, 90	
19	7445121245	1	Fitting, 90	
20	7445121619	1	Fitting, Straight	
25	7819000005	1	Sleeve (Not Shown)	
28	7443000129	6	Reducer	
29	7274000042	2	Clamp (Not Shown)	
39	7443000108	1	Restrictor	
42	7443000105	2	Reducer	
43	7445040643	1	Fitting, Straight	
45	7443000106	2	Reducer	
47	7274000113	4	Clamp	
48	7274000114	6	Clamp	
49	7274000115	3	Clamp	
50	7274000116	1	Clamp	
51	7274000117	2	Clamp	
52	7577000626	Ref	Hose Kit (Includes items 101-105)	
53	7445081043	1	Fitting, Straight	
54	7445080818	1	Nut #8	
	7577000626	Ref	HOSE KIT	B
101	4567362021	1	Hose	
102	4567320044	2	Hose	
103	4567110024	1	Hose	
104	4567210021	1	Hose	
105	4567120115	4	Hose	

FIGURE 6-32. TANK AND FILTER (HYDRAULIC) INSTALLATION (STANDARD)

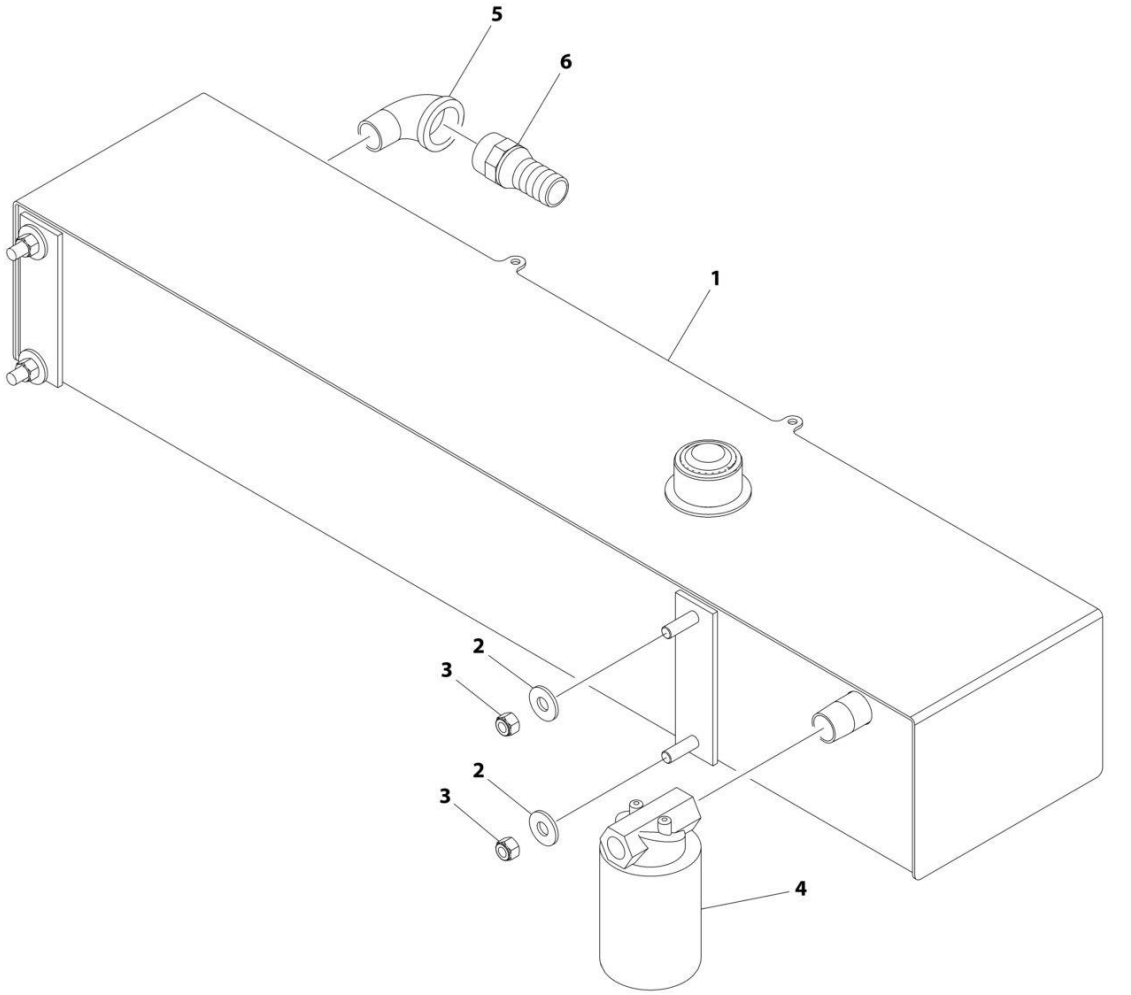


FIGURE 6-32. TANK AND FILTER (HYDRAULIC) INSTALLATION (STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2750000013	Ref	TANK AND FILTER (HYDRAULIC) INSTALLATION	0
1	3750000057	1	Tank	
2	7950180161	4	Washer 1/2	
3	7660182601	4	Nut 1/2	
4	7430000003	1	Filter Assembly	
4	7431000001	1	Element, Filter	
5	7444081070	1	Fitting, 90	
6	7443000013	1	Nipple	

FIGURE 6-33. TANK AND FILTER (HYDRAULIC) INSTALLATION (GSA SPECS)

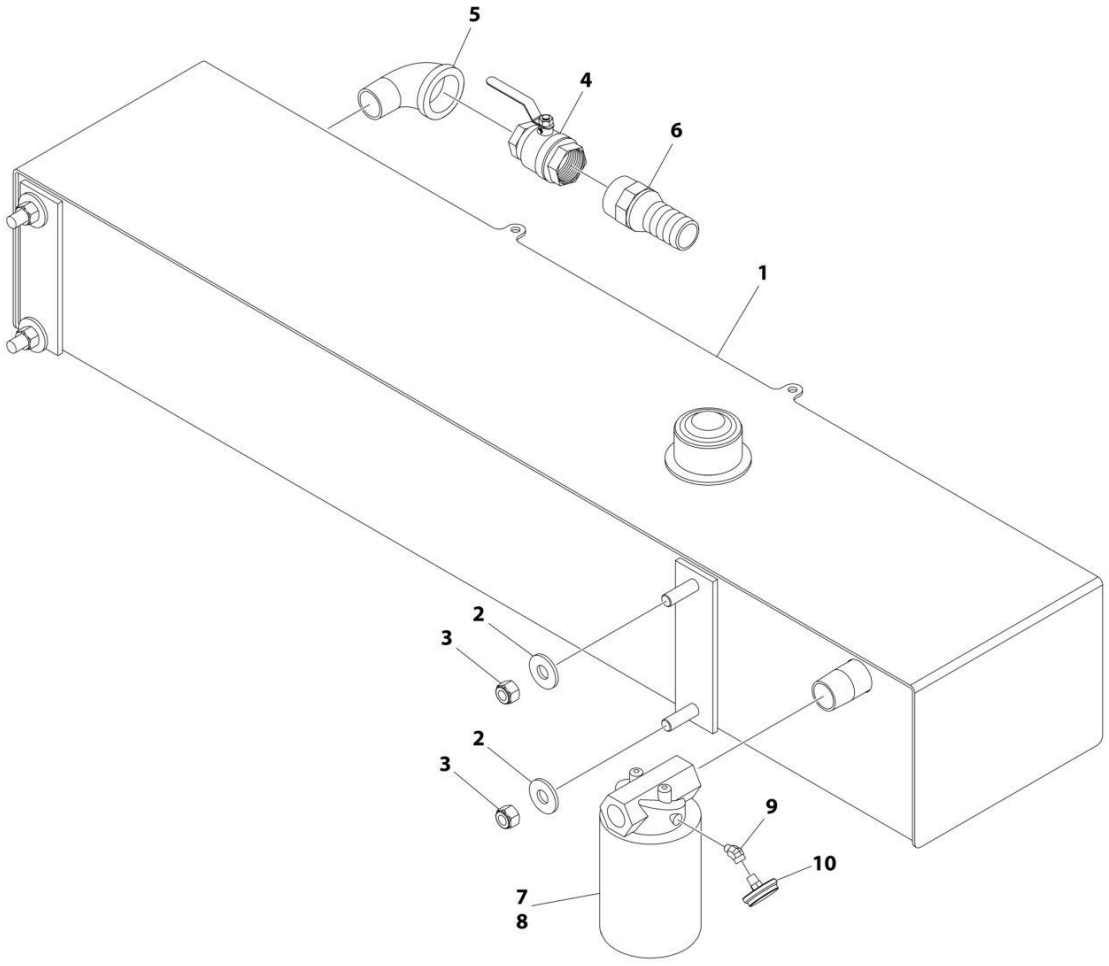


FIGURE 6-33. TANK AND FILTER (HYDRAULIC) INSTALLATION (GSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2750000014	Ref	TANK AND FILTER (HYDRAULIC) INSTALLATION	0
1	3750000057	1	Tank	
2	7950180161	4	Washer 1/2	
3	7660182601	4	Nut 1/2	
4	7935000341	1	Valve	
5	7444081070	1	Fitting, 90	
6	7443000013	1	Nipple	
7	7430000002	1	Filter	
8	7431000004	1	Element, Filter	
9	7443000066	1	Fitting, 45	
10	7470000002	1	Gauge, Oil Filter Head	

FIGURE 6-34. TANK AND FILTER (HYDRAULIC) INSTALLATION (SPEEDWAY SPECS)

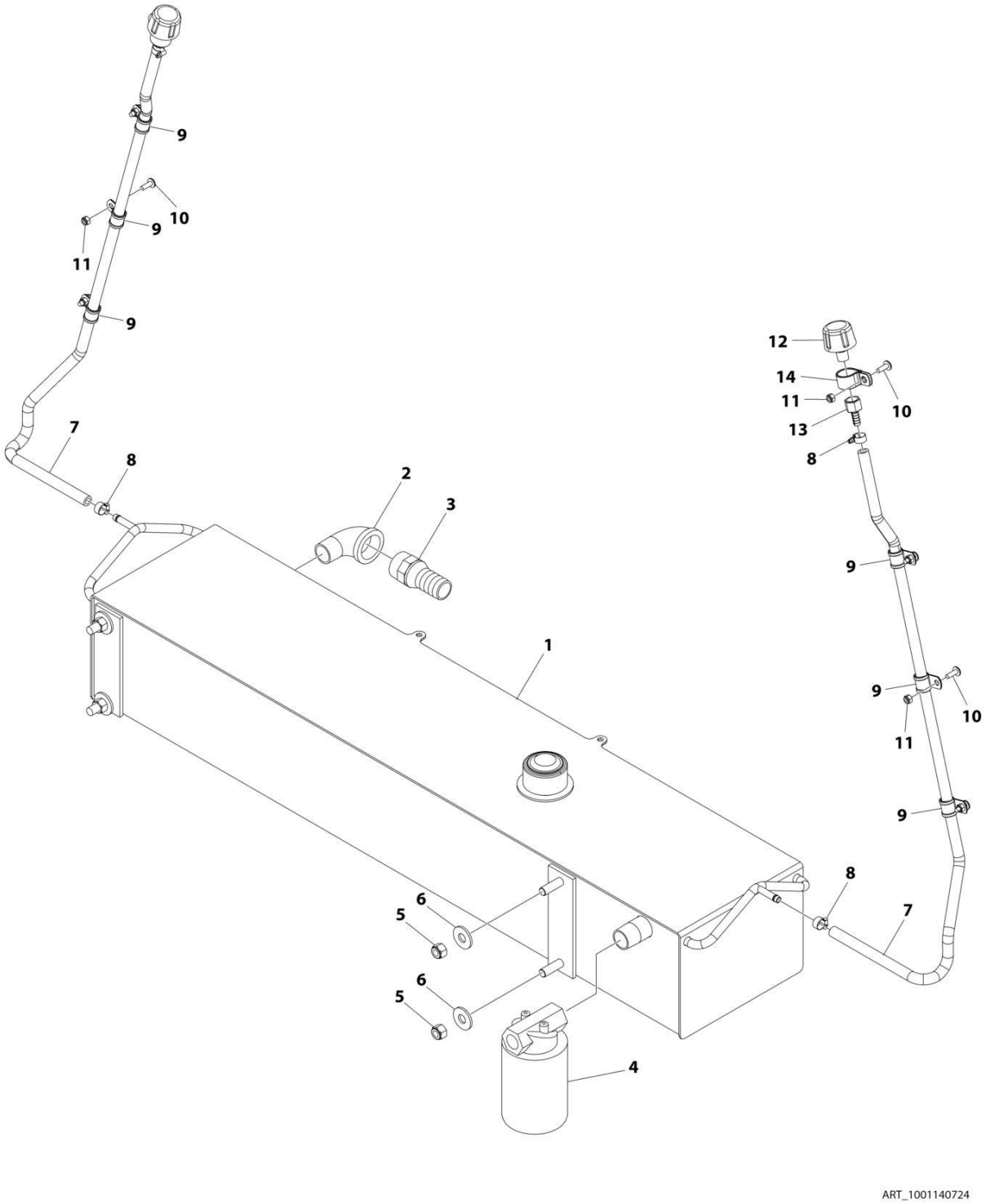


FIGURE 6-34. TANK AND FILTER (HYDRAULIC) INSTALLATION (SPEEDWAY SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001140724	Ref	TANK AND FILTER (HYDRAULIC) INSTALLATION	A
1	1001140476	1	Tank	
2	7444081070	1	Fitting, 90	
3	7443000013	1	Nipple	
4	7430000003	1	Filter Assembly	
4	7431000001	1	Element, Filter	
5	7660182601	4	Nut 1/2	
6	7950180161	4	Washer 1/2	
7	8390001	9	Fuel Line Hose	
8	8410013	4	Clamp	
9	1320061	6	Clamp	
10	7111140613	8	Screw 1/4	
11	7660141600	8	Nut 1/4	
12	1001140610	2	Filter	
13	1001110145	2	Fitting	
14	7274000105	2	Clamp	

SECTION 7 - ELECTRICAL

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

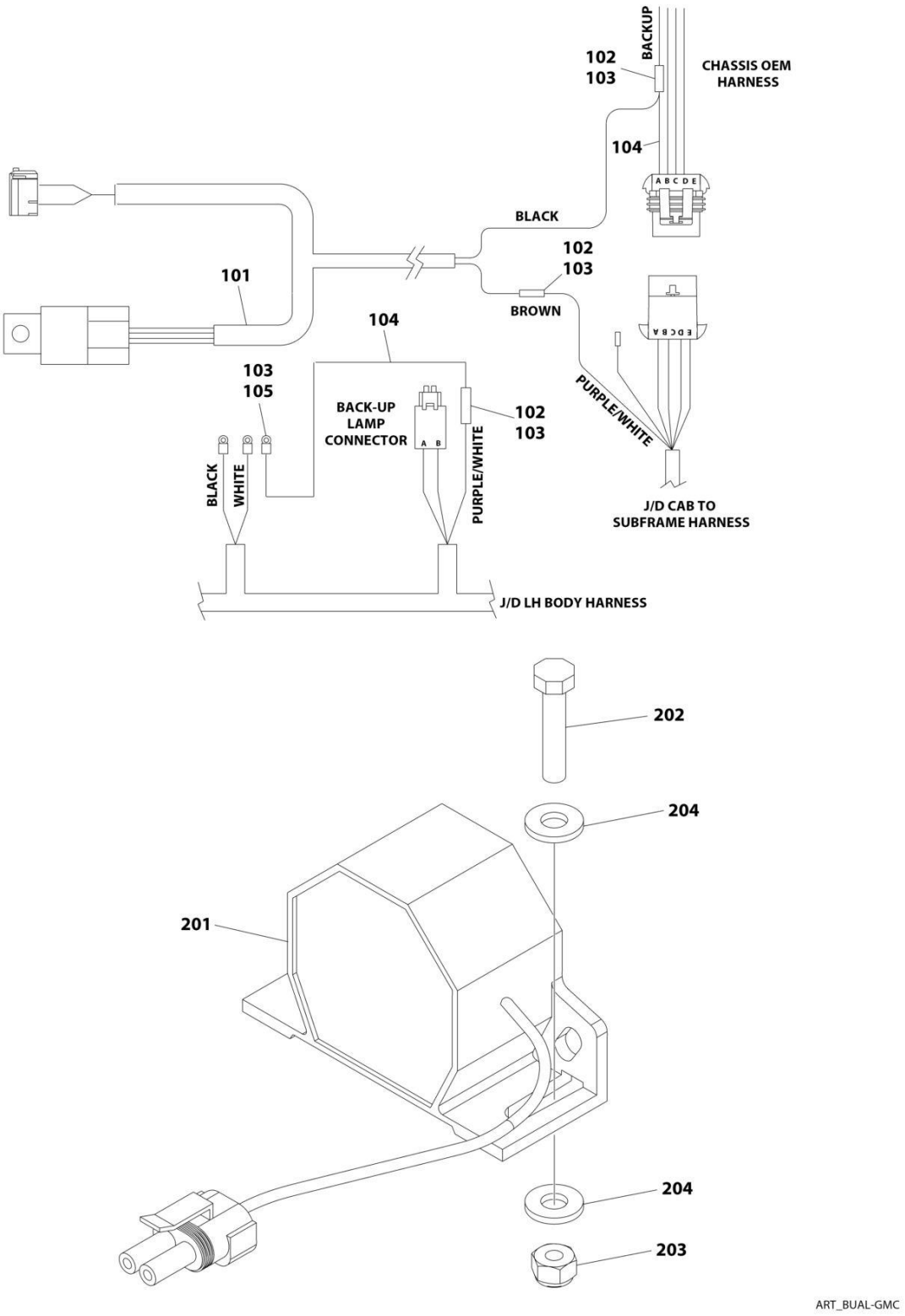


FIGURE 7-1. ALARM INSTALLATION - BACK-UP (FIXED) (CHEVY/GMC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	BUAL-GMC	Ref	ALARM INSTALLATION - BACK-UP (FIXED) (CHEVY/GMC)	0
1	3509330132	Ref	Electrical Installation - Back-Up (Fixed) (Not Show) (See Items 101-106 for Breakdown)	
2	2011000002	Ref	Alarm Installation - Back-Up (Fixed) (Not Shown) (See Items 201-204 for Breakdown)	
	3509330132	Ref	ELECTRIAL INSTALLATION - BACK-UP ALARM	B
101	7552000410	1	Harness, Back-Up Alarm (CHEVY/GMC) (See Separate Breakdown in this Section)	
102	7345001714	3	Terminal	
103	7346000039	AR	Tubing	
104	8977010300	3 ft/1 m	Wire #16GA White	
105	7345211702	1	Terminal Ring	
106	5526000553	6	Tie-Strap (Not Shown)	
	2011000002	Ref	ALARM INSTALLATION - BACK-UP (FIXED)	B
201	7011000006	1	Alarm	
202	7111141050	2	Bolt 1/4 x 1-1/4	
203	7660142600	2	Nut 1/4	
204	7950140141	4	Washer 1/4	

FIGURE 7-2. ALARM INSTALLATION - BACK-UP (FIXED) (FORD/IHC)

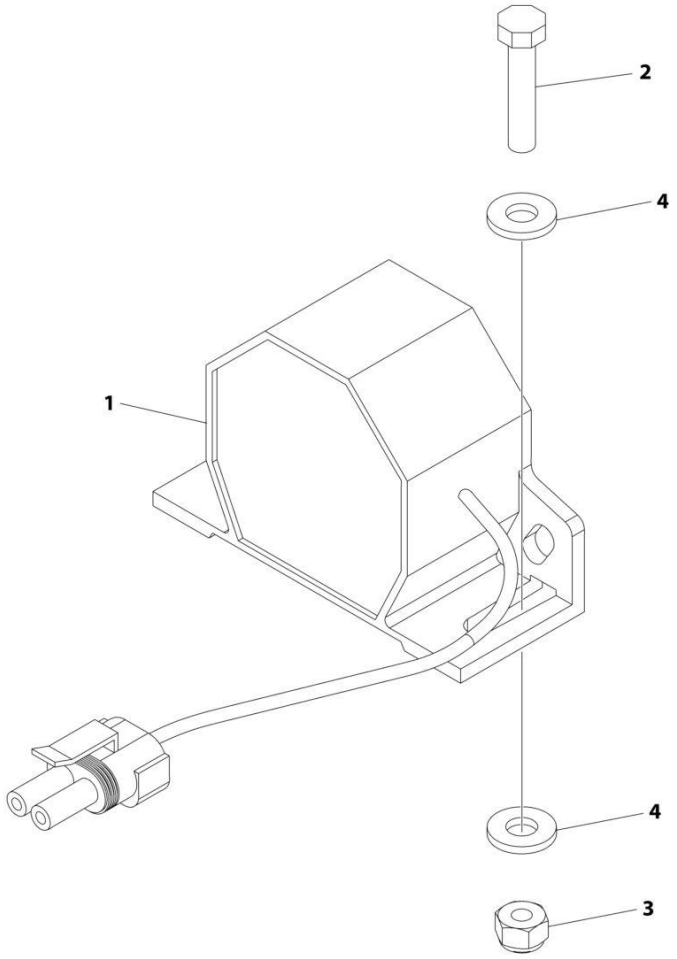


FIGURE 7-2. ALARM INSTALLATION - BACK-UP (FIXED) (FORD/IHC)

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	

FIGURE 7-3. ALARM INSTALLATION - BACK-UP (VARIABLE)

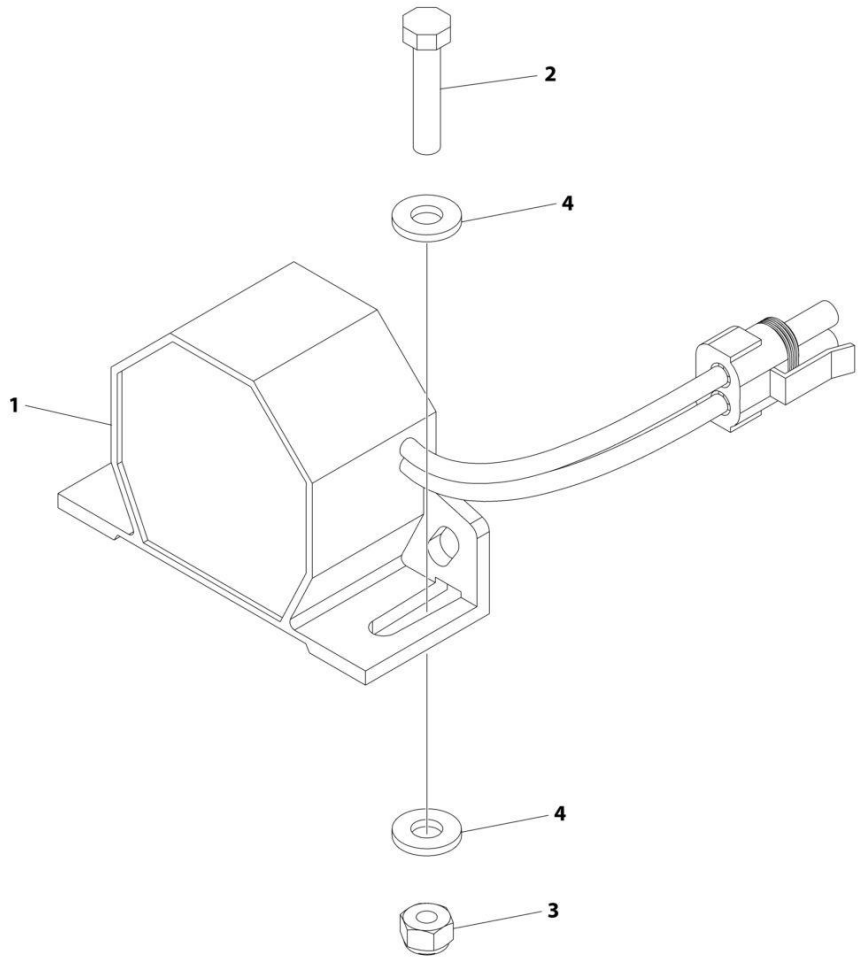


FIGURE 7-3. ALARM INSTALLATION - BACK-UP (VARIABLE)

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	

FIGURE 7-4. ALARM HARNESS - BACK-UP (FIXED) (CHEVY/GMC)

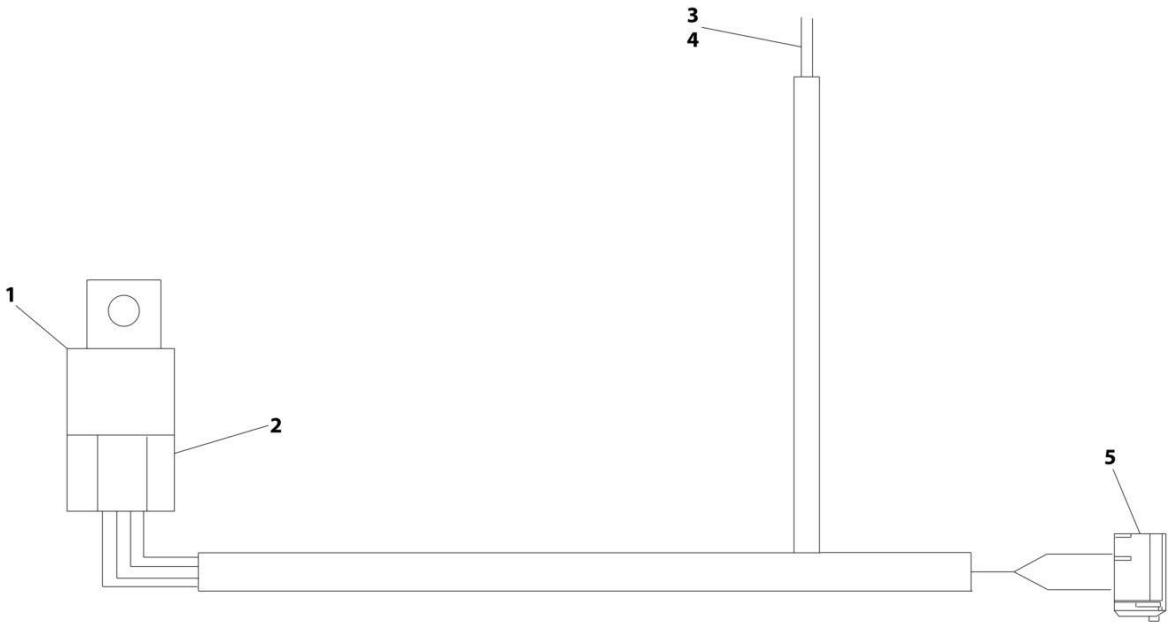
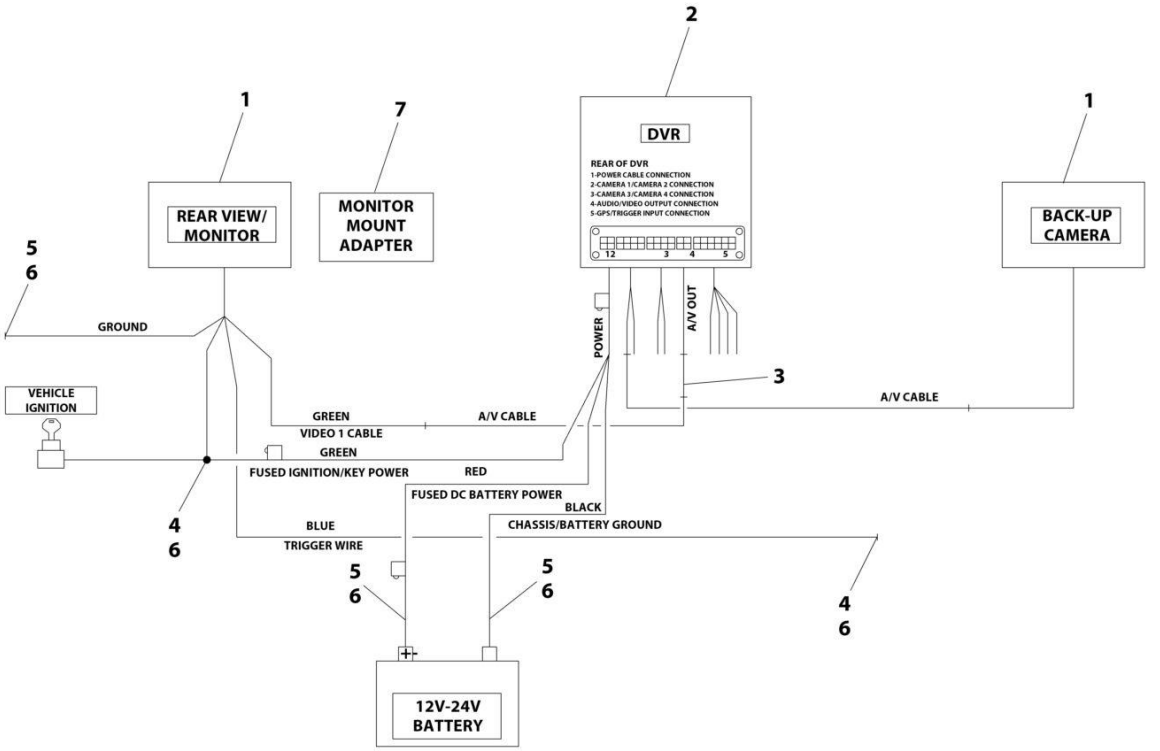


FIGURE 7-4. ALARM HARNESS - BACK-UP (FIXED) (CHEVY/GMC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000410	Ref	ALARM HARNESS - BACK-UP (FIXED) (CHEVY/GMC)	1
1	NPN	1	Relay	
2	NPN	1	Connector	
3	NPN	2	Connector, Male	
3	4460457	2	Socket, Female	
3	8220081	2	Seal	
4	NPN	2	Connector, Female	
4	4460475	2	Pin, Male	
4	8220081	2	Seal	
5	NPN	1	Connector	
5	NPN	1	Terminal	

FIGURE 7-5. BACKUP CAMERA IINSTALLATION (WITH DVR)



ART_1001142973

FIGURE 7-5. BACKUP CAMERA IINSTALLATION (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	

FIGURE 7-6. BACKUP CAMERA IN REAR VIEW MIRROR INSTALLATION (Prior to SN 0230012144)

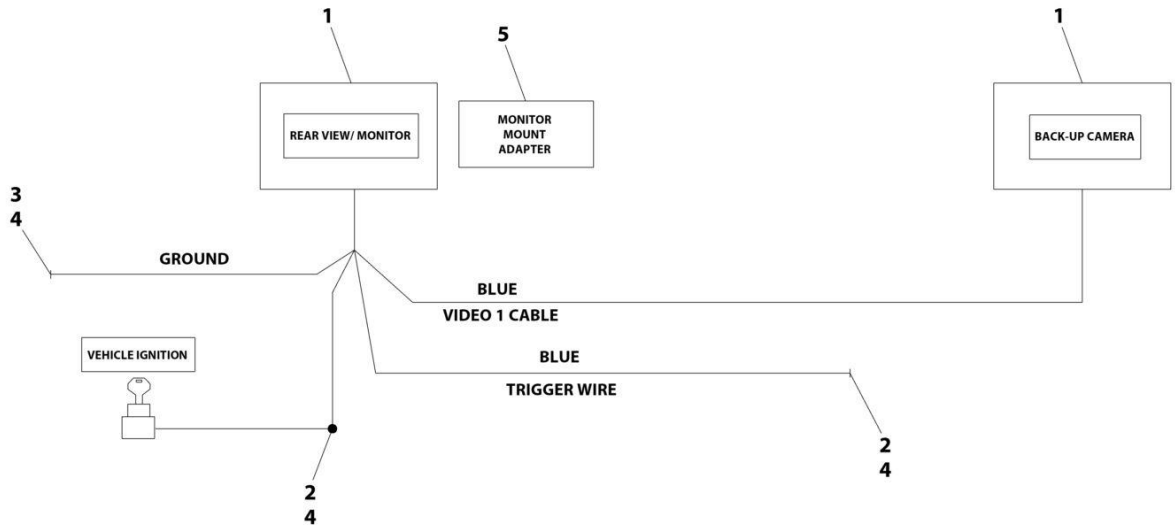


FIGURE 7-6. BACKUP CAMERA IN REAR VIEW MIRROR INSTALLATION (Prior to SN 0230012144)

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

FIGURE 7-7. BACKUP CAMERA IN REAR VIEW MIRROR INSTALLATION (SN 0230012432 to Present)

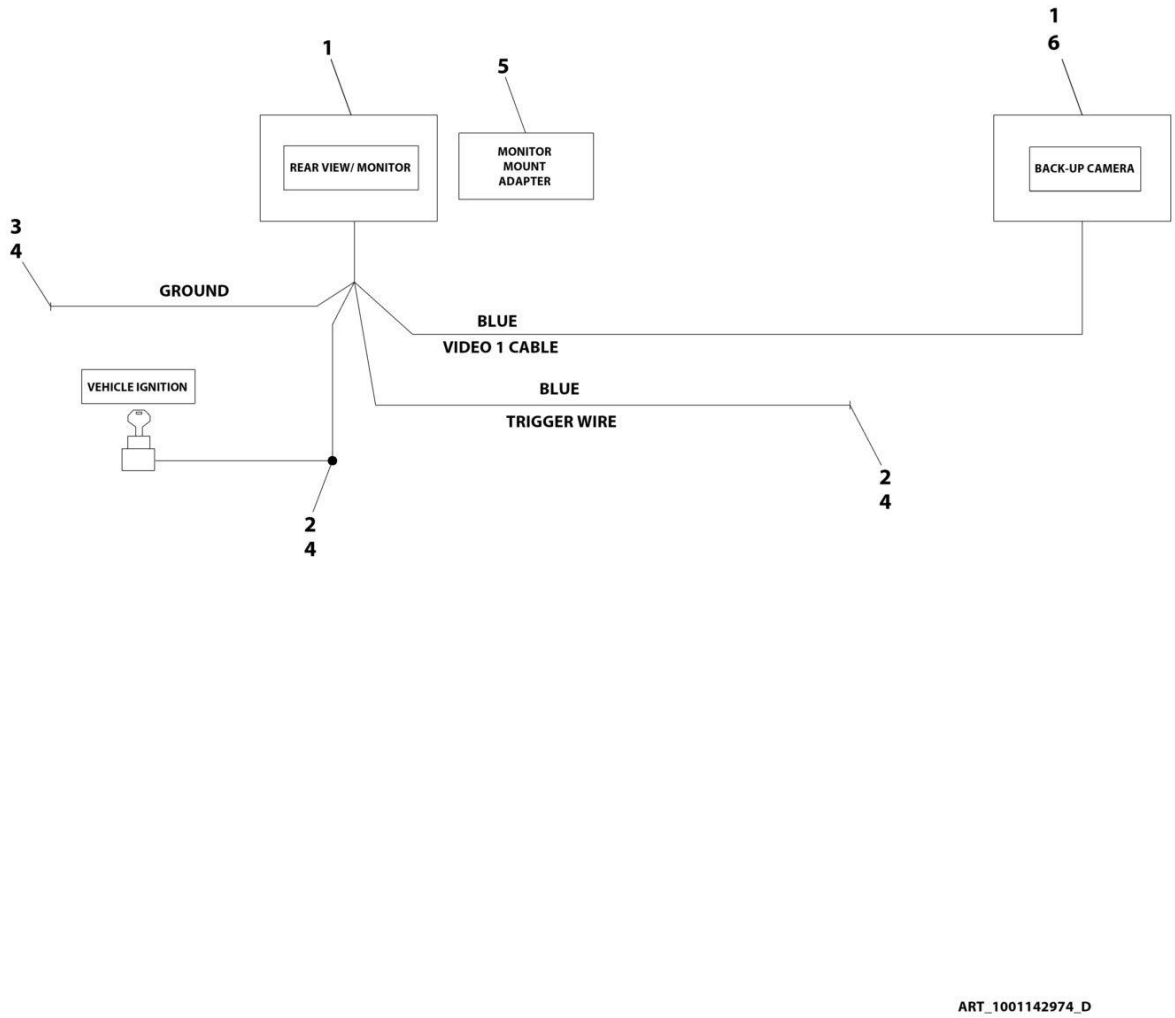


FIGURE 7-7. BACKUP CAMERA IN REAR VIEW MIRROR INSTALLATION (SN 0230012432 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142974	Ref	BACKUP CAMERA IN REAR VIEW MIRROR INSTALLATION	D
1	1001273600	1	Camera System	
2	7345001914	2	Terminal	
3	7345221902	1	Terminal	
4	7346000039	AR	Tubing	
6	7120000034	1	SCREW #10 X .75" SELF DRILLING	
7	7280000018	AR	Clip (Not Shown)	
8	5525000537	AR	Wire (Not Shown)	
9	7894000010	AR	Strap, Tie (Not Shown)	

FIGURE 7-8. BACKUP CAMERA INSTALLATION (CHASSIS SUPPLIED)

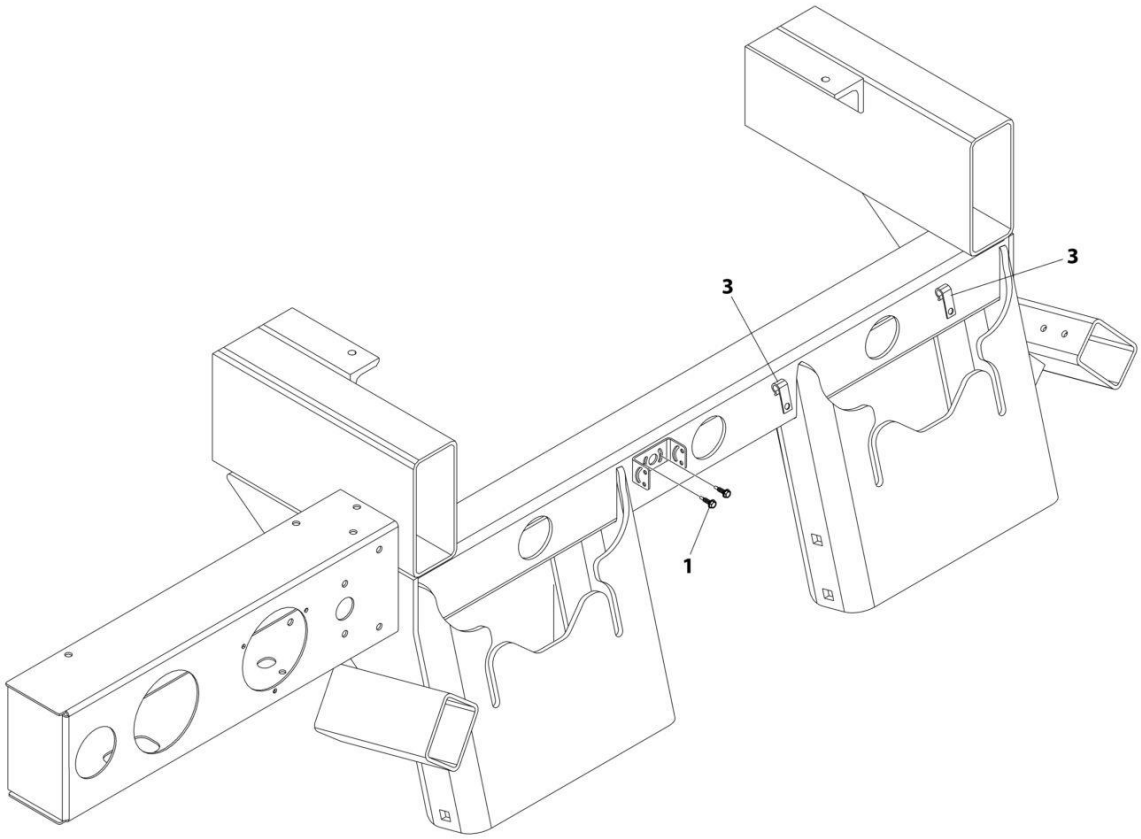


FIGURE 7-8. BACKUP CAMERA INSTALLATION (CHASSIS SUPPLIED)

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

FIGURE 7-9. BACKUP CAMERA INSTALLATION (CHASSIS SUPPLIED) (CV515)

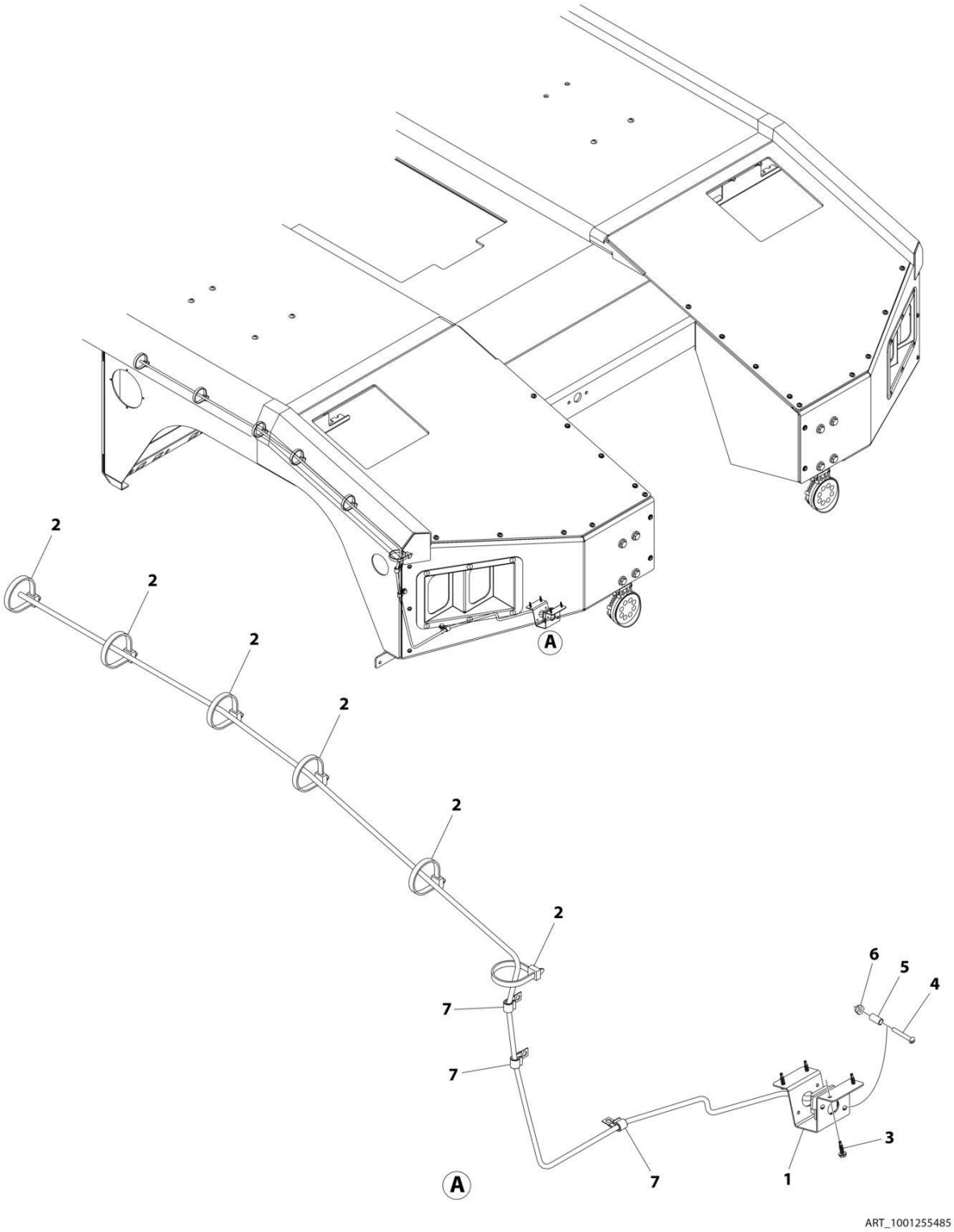


FIGURE 7-9. BACKUP CAMERA INSTALLATION (CHASSIS SUPPLIED) (CV515)

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

FIGURE 7-10. BODY ELECTRICAL INSTALLATION (SN 0230002518 through 0230008713)

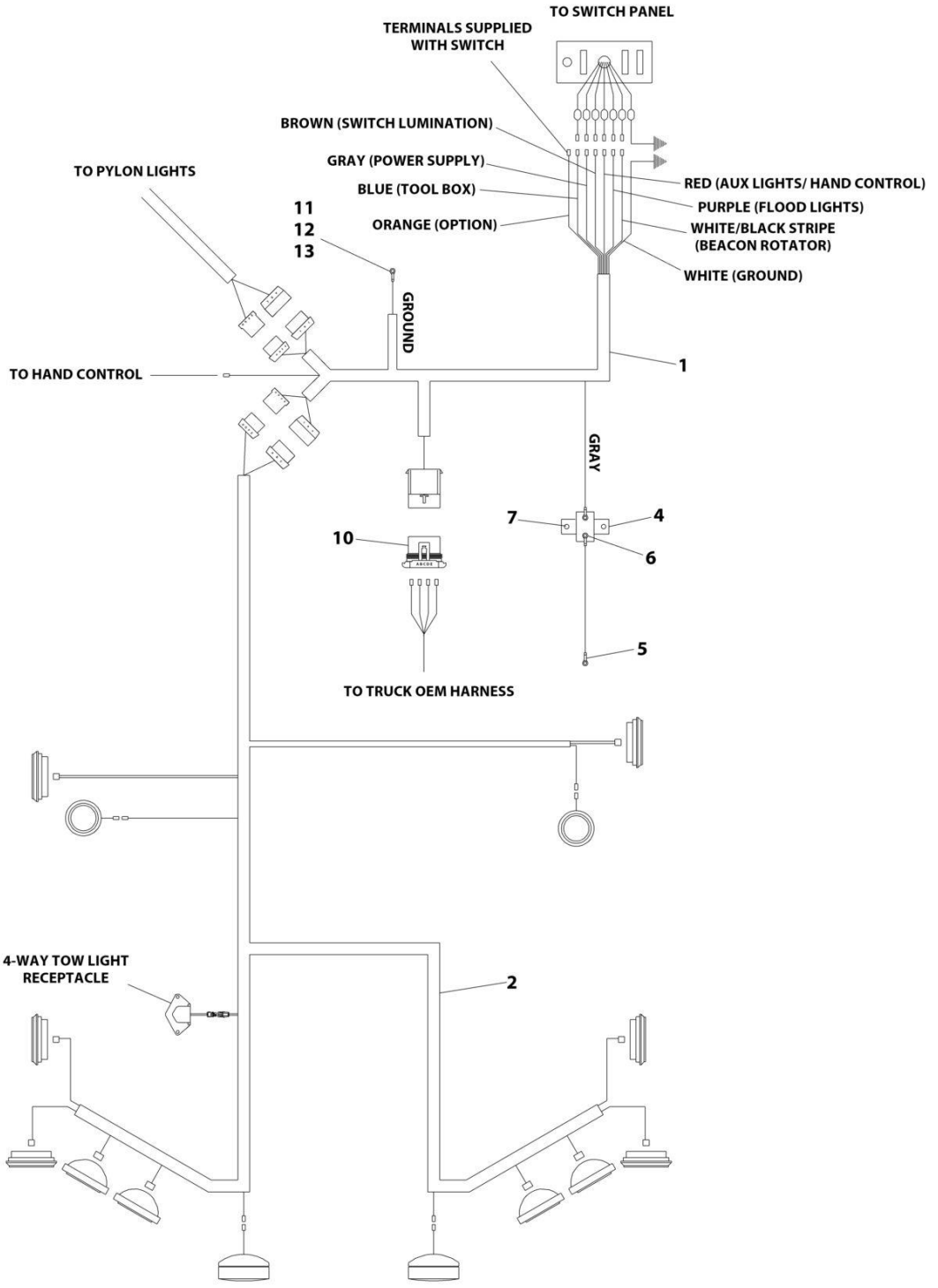


FIGURE 7-10. BODY ELECTRICAL INSTALLATION (SN 0230002518 through 0230008713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502330052	Ref	BODY ELECTRICAL INSTALLATION	G
1	7552000234	1	Harness, Cab To Subframe (See Separate Breakdown In this Secton)	
2	7552000235	1	Harness, Body (See Separate Breakdown In this Secton)	
4	7457000004	AR	Breaker, Circuit	
5	1001129882	AR	Harness, Breaker	
6	79501100151	AR	Washer #10	
7	7790100856	AR	Screw #10 x 1/2	
9	7493000003	1	Grommet (Not Shown)	
10	7577000194	1	Kit, Chassis Wiring Connector	
11	7111141050	1	Bolt 1/4 x 1-1/4	
12	7660142600	1	Nut 1/4	
13	7950140141	2	Washer 1/4	
14	4346000005	AR	Heat Shrink (Not Shown)	

FIGURE 7-11. BODY ELECTRICAL INSTALLATION (SN 0230008714 to Present)

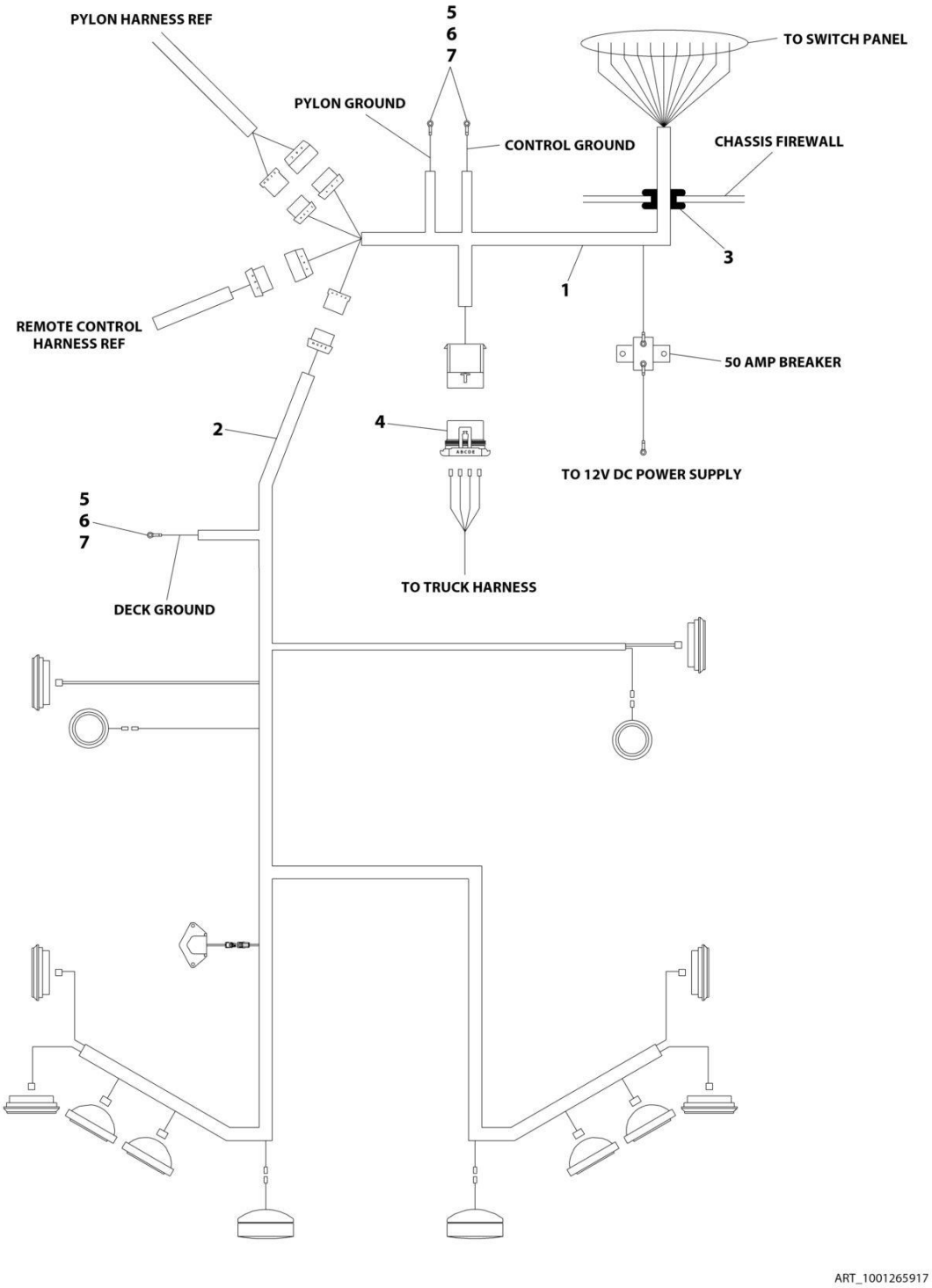


FIGURE 7-11. BODY ELECTRICAL INSTALLATION (SN 0230008714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265917	Ref	BODY ELECTRICAL INSTALLATION	A
1	1001263429	1	Harness, Cab To Subframe (See Separate Breakdown In this Section)	
2	1001265805	2	Harness, Body (See Separate Breakdown In this Section)	
3	7493000003	1	Grommet (Not Shown)	
4	7577000194	1	Kit, Chassis Wiring Connector	
5	7111141050	3	Bolt 1/4 x 1-1/4	
6	7660142600	3	Nut 1/4	
7	7950140141	6	Washer 1/4	

FIGURE 7-12. BODY HARNESS (SN 0230002518 through 0230008713)

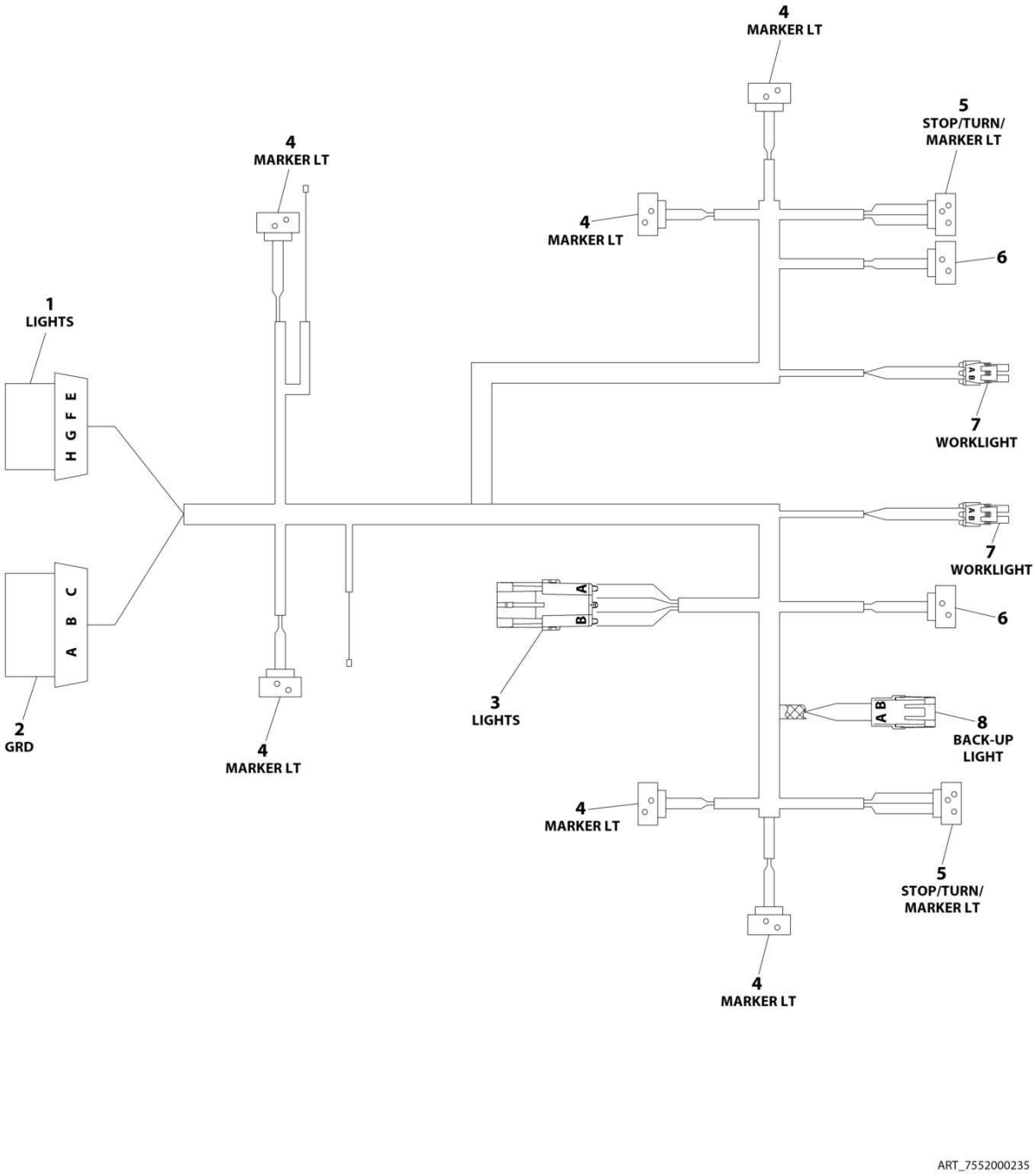


FIGURE 7-12. BODY HARNESS (SN 0230002518 through 0230008713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000235	Ref	BODY HARNESS	D
1	7346000144	1	Connector - 8 Position	
1	7346000147	6	Socket	
1	734600146	6	Seal	
1	7346000153	2	Plug, Terminal	
1	7346000145	1	Lock, Terminal	
2	7346000141	1	Connector - 3 Position	
2	7346000155	1	Terminal	
2	7346000104	2	Plug, Terminal	
2	7346000103	1	Seal	
2	7346000108	1	Lock	
3		Ref	Connector - 4 Position	
3	4460475	4	Terminal	
3		Ref	Seal	
4		Ref	Connector - 2 Position	
5		Ref	Connector - 3 Position	
6		Ref	Connector - 2 Position	
7	4460742	2	Connector - 2 Position	
7	4460457	4	Terminal	
7	4460458	4	Seal	
8	4460867	1	Connector	
8	4460475	2	Terminal	
8	4460458	2	Seal	

FIGURE 7-13. BODY HARNESS (SN 0230008714 to Present)

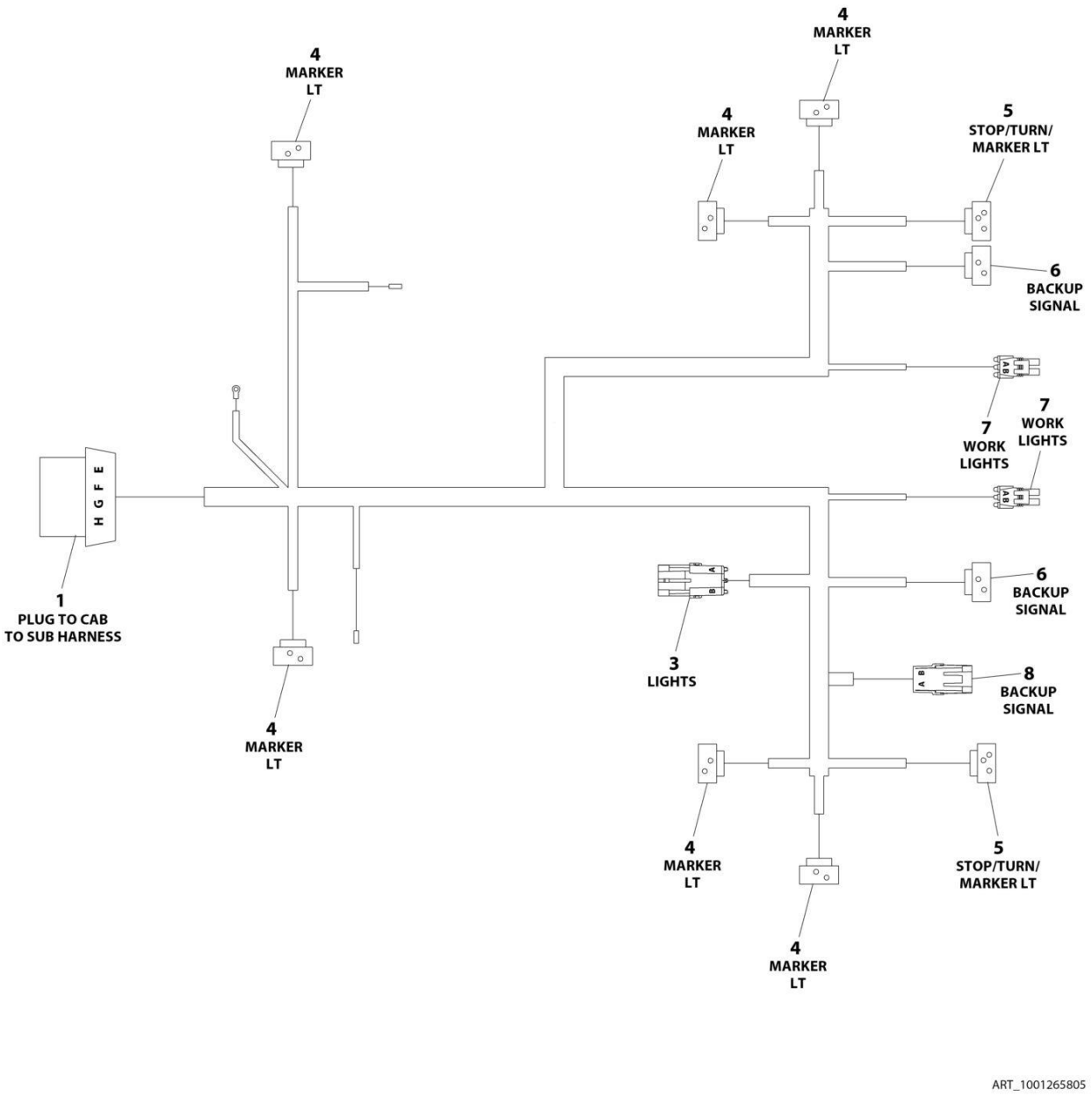


FIGURE 7-13. BODY HARNESS (SN 0230008714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265805	Ref	BODY HARNESS	B
1	4460588	1	Connector - 8 Position	
1	7346000147	6	Socket	
1	734600146	6	Seal	
1	7346000153	2	Plug, Terminal	
1	7346000145	1	Lock, Terminal	
3		Ref	Connector - 4 Position	
3	4460475	4	Terminal	
3		Ref	Seal	
4		Ref	Connector - 2 Position	
5		Ref	Connector - 3 Position	
6		Ref	Connector - 2 Position	
7	4460742	2	Connector - 2 Position	
7	4460457	4	Terminal	
7	4460458	4	Seal	
8	4460867	1	Connector	
8	4460475	2	Terminal	
8	4460458	2	Seal	

FIGURE 7-14. BREAKER INSTALLATION - 50AMP

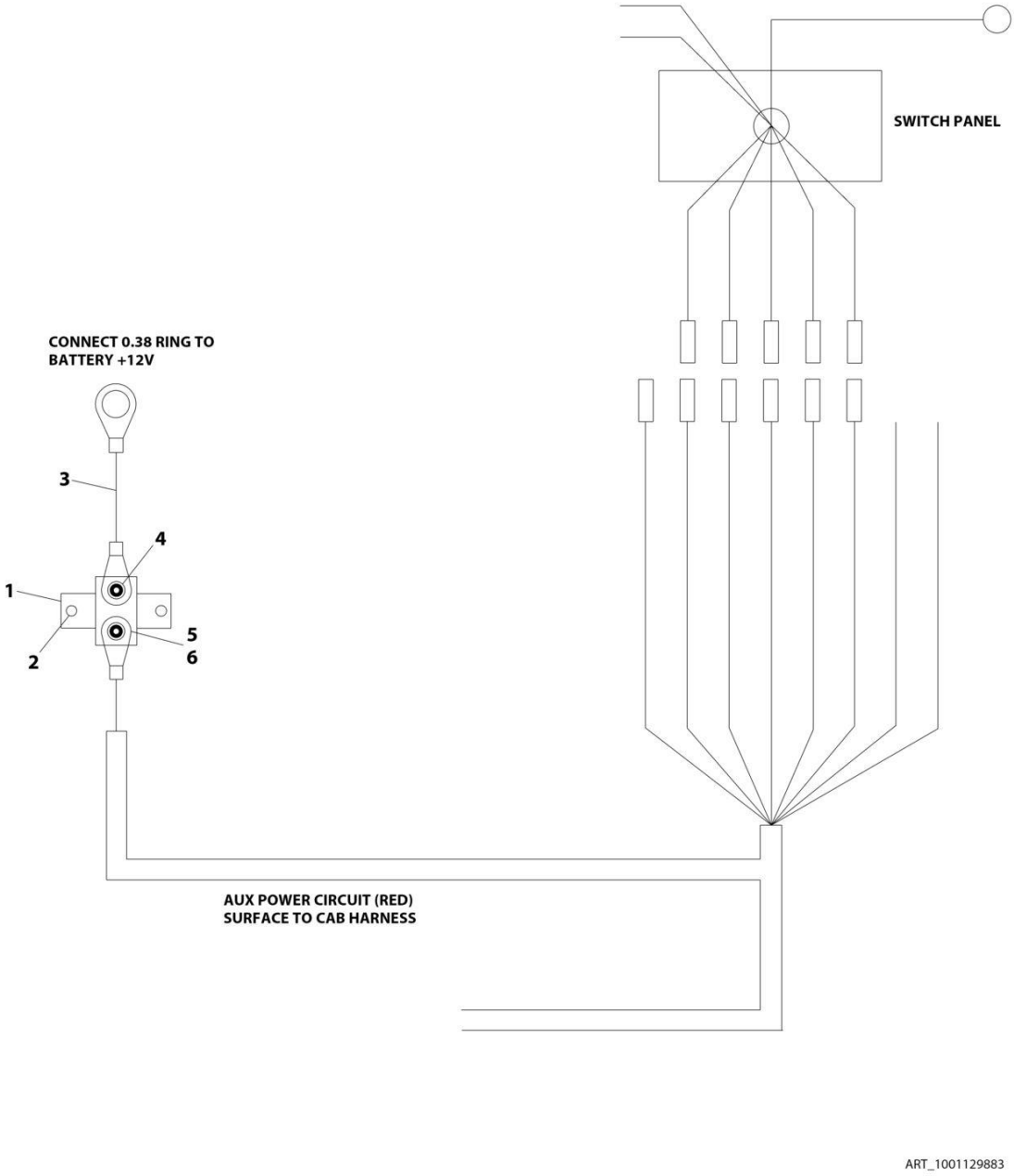


FIGURE 7-14. BREAKER INSTALLATION - 50AMP

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	

FIGURE 7-15. CAB TO SUBFRAME HARNESS (SN 0230002518 through 0230008713)

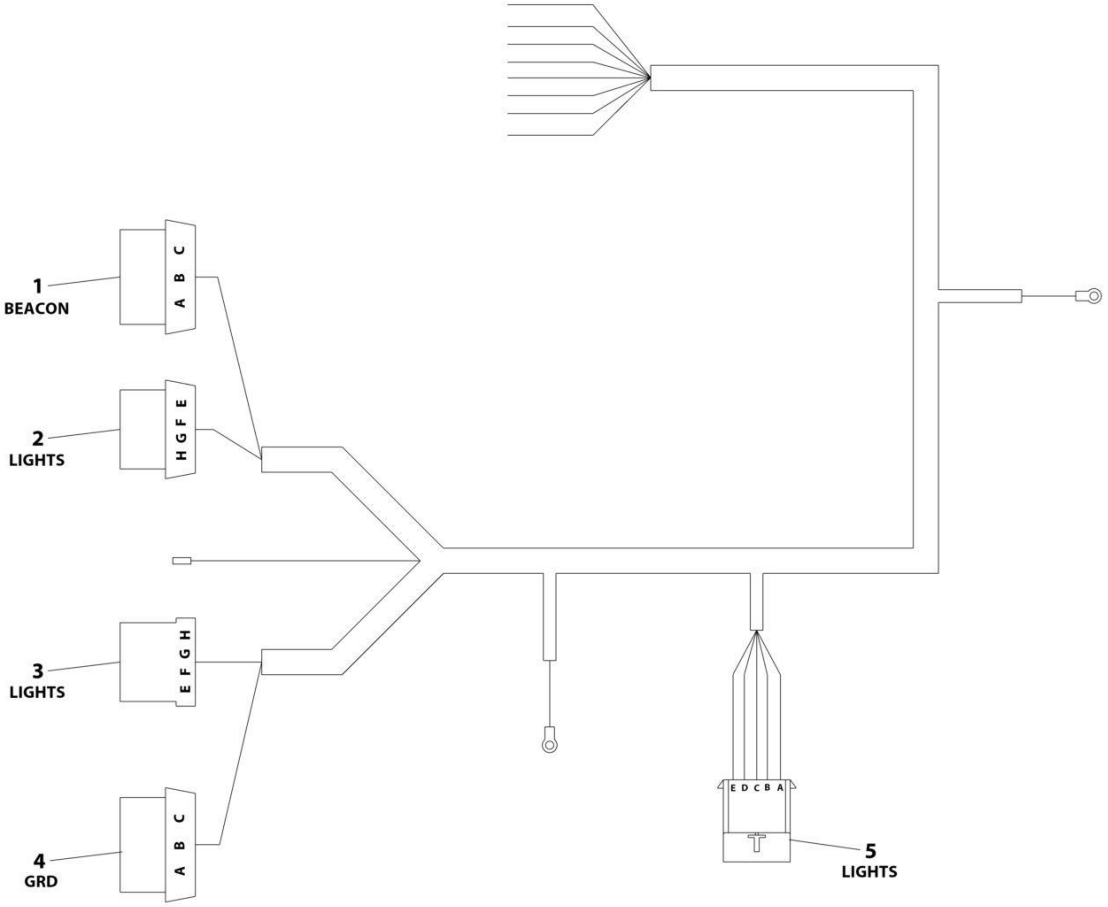


FIGURE 7-15. CAB TO SUBFRAME HARNESS (SN 0230002518 through 0230008713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000234	Ref	CAB AND SUBFRAME HARNESS	B
1	8220935	1	Connector	
1	7346000108	1	Lock	
1		Ref	Seal	
1	8220099	3	Terminal	
2	4460587	1	Connector	
2		Ref	Lock	
2	7346000146	1	Seal	
2	4460589	6	Terminal	
2	4461215	2	Plug, Terminal	
3	4460692	1	Connector	
3	4460695	1	Lock	
3	4460608	1	Seal	
3	4460693	6	Terminal	
3	4461215	2	Plug, Terminal	
4	8220934	1	Connector	
4	7346000108	1	Lock	
4	8220100	6	Terminal	
4	7346000146	6	Seal	
4	8220101	2	Plug, Terminal	
5	1001121727	1	Connector	
5		Ref	Lock	
5		Ref	Terminal	
5		Ref	Seal	

FIGURE 7-16. CAB TO SUBFRAME HARNESS (SN 0230008714 to Present)

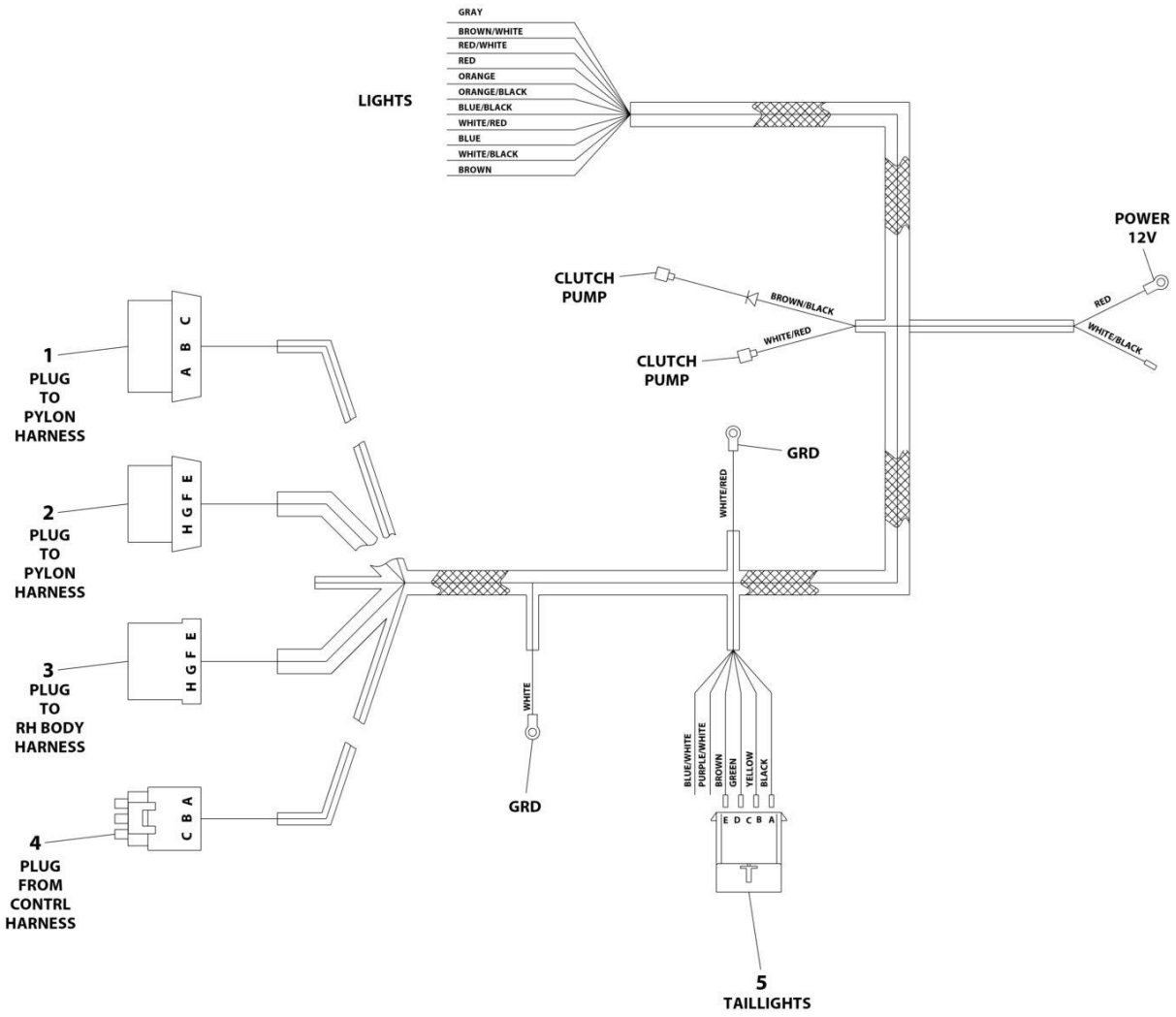


FIGURE 7-16. CAB TO SUBFRAME HARNESS (SN 0230008714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263429	Ref	CAB AND SUBFRAME HARNESS	A
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	

FIGURE 7-17. CABINET LIGHT AND FUSE INSTALLATION

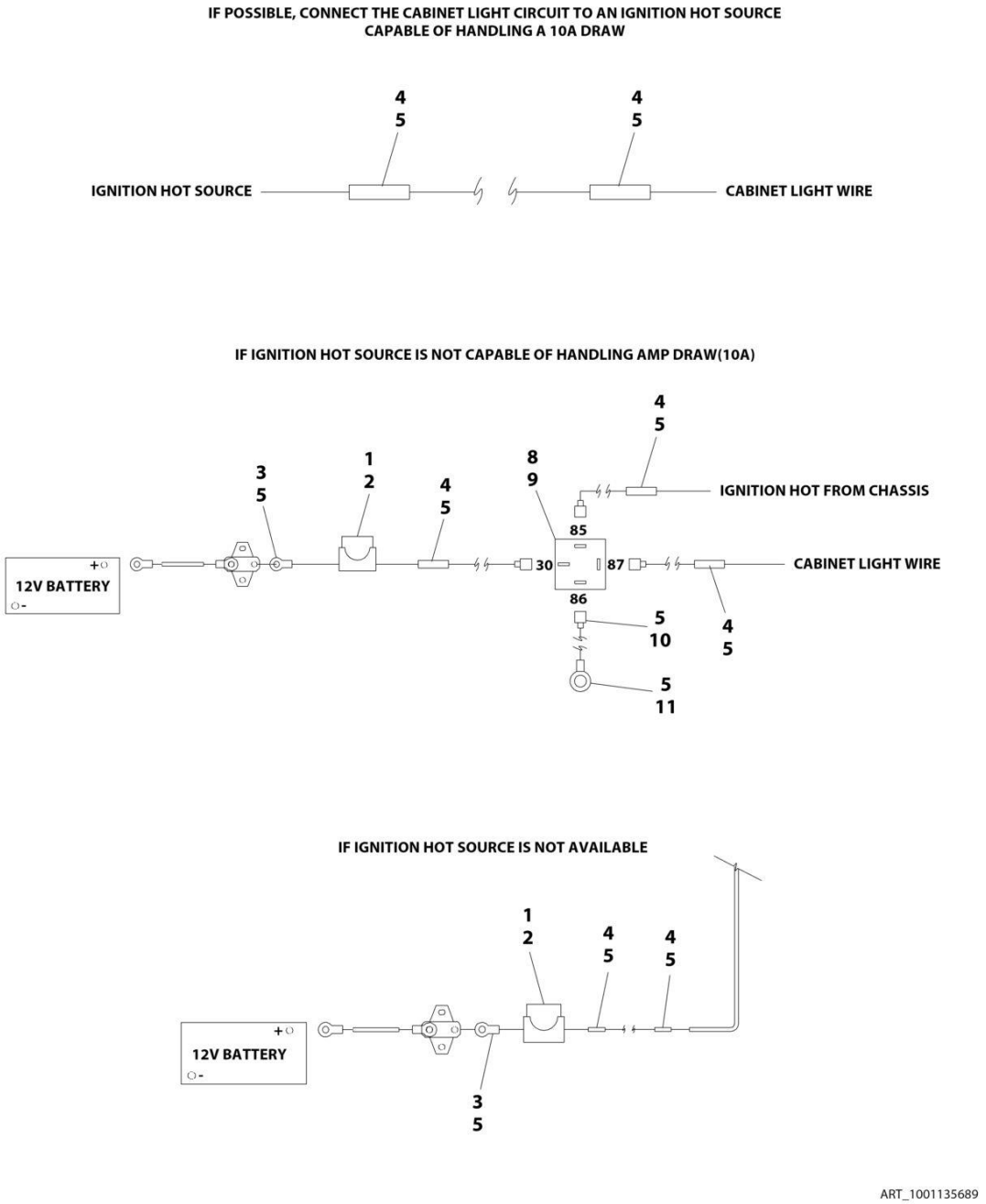


FIGURE 7-17. CABINET LIGHT AND FUSE INSTALLATION

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	

FIGURE 7-18. LIGHTBAR INSTALLATION - CODE 3 BRAND (58IN 4 LIGHT)

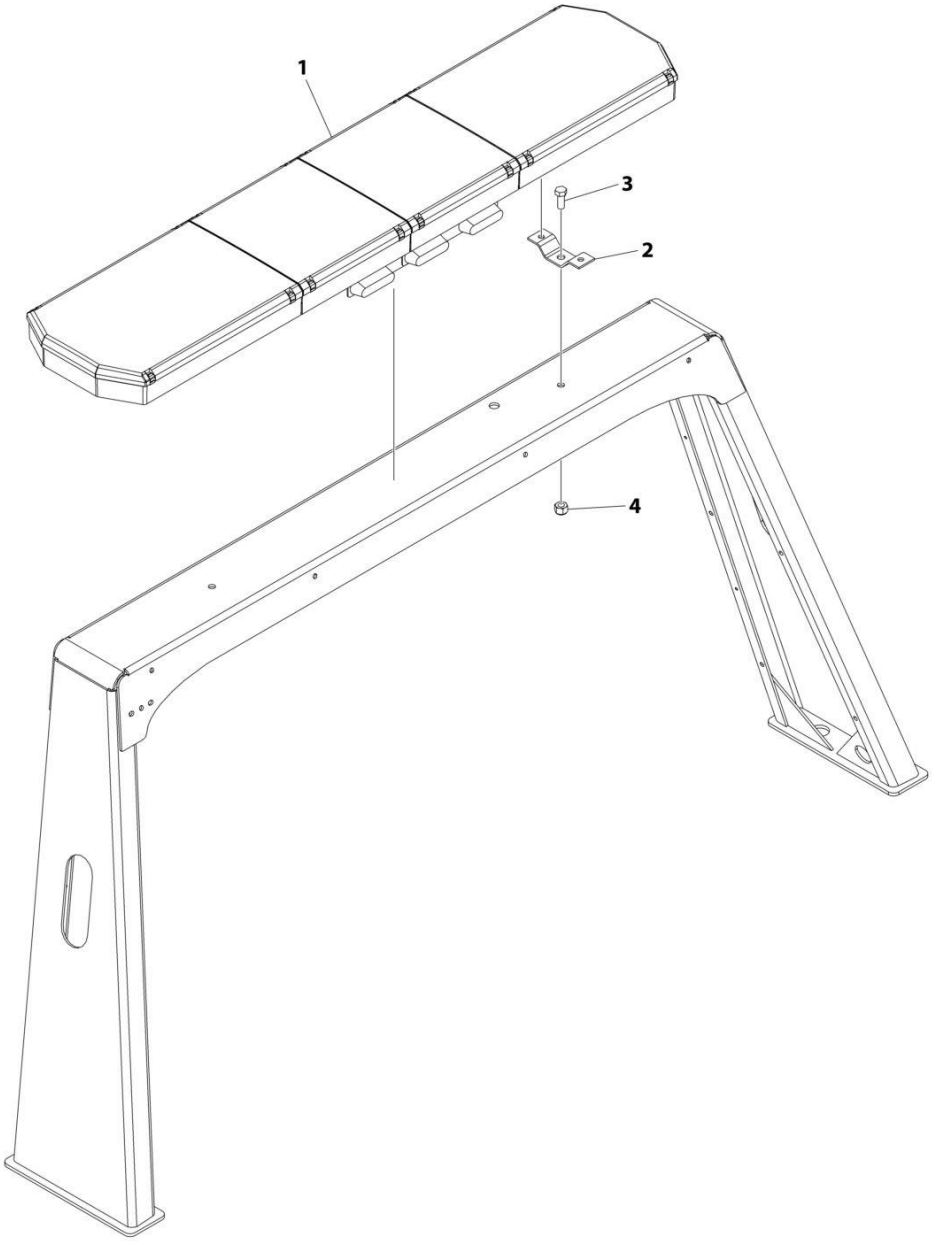


FIGURE 7-18. LIGHTBAR INSTALLATION - CODE 3 BRAND (58IN 4 LIGHT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2590000279	Ref	LIGHTBAR INSTALLATION	B
1	1001136992	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	
5	7345001914	1	Terminal (Not Shown)	
6	7346000039	AR	Tube (Not Shown)	

FIGURE 7-19. LIGHTBAR INSTALLATION - CODE 3 BRAND (58IN 10 LIGHT)

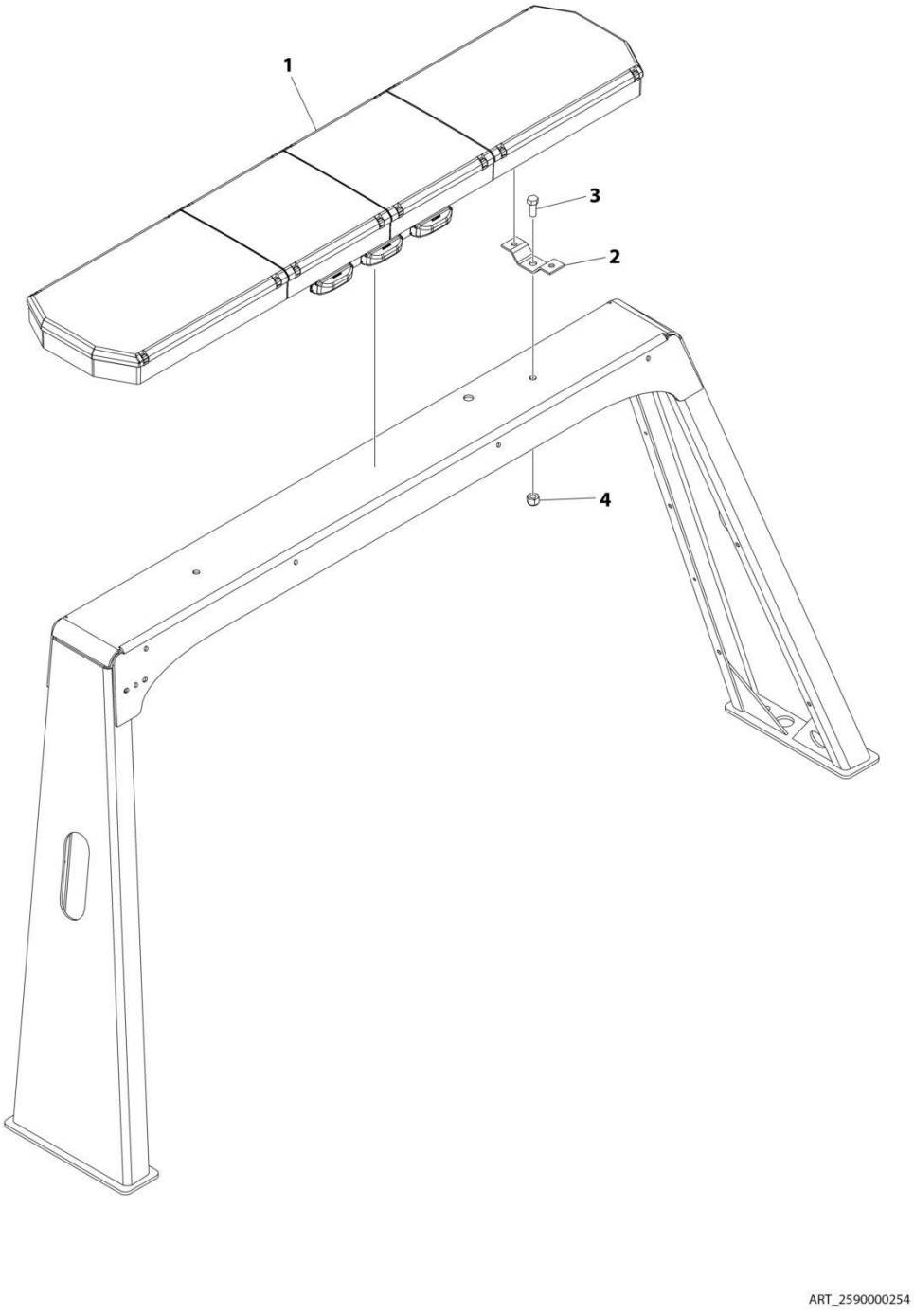


FIGURE 7-19. LIGHTBAR INSTALLATION - CODE 3 BRAND (58IN 10 LIGHT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2590000254	Ref	LIGHTBAR INSTALLATION	E
1	1001136990	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	

FIGURE 7-20. LIGHTBAR INSTALLATION - ECCO (60IN)

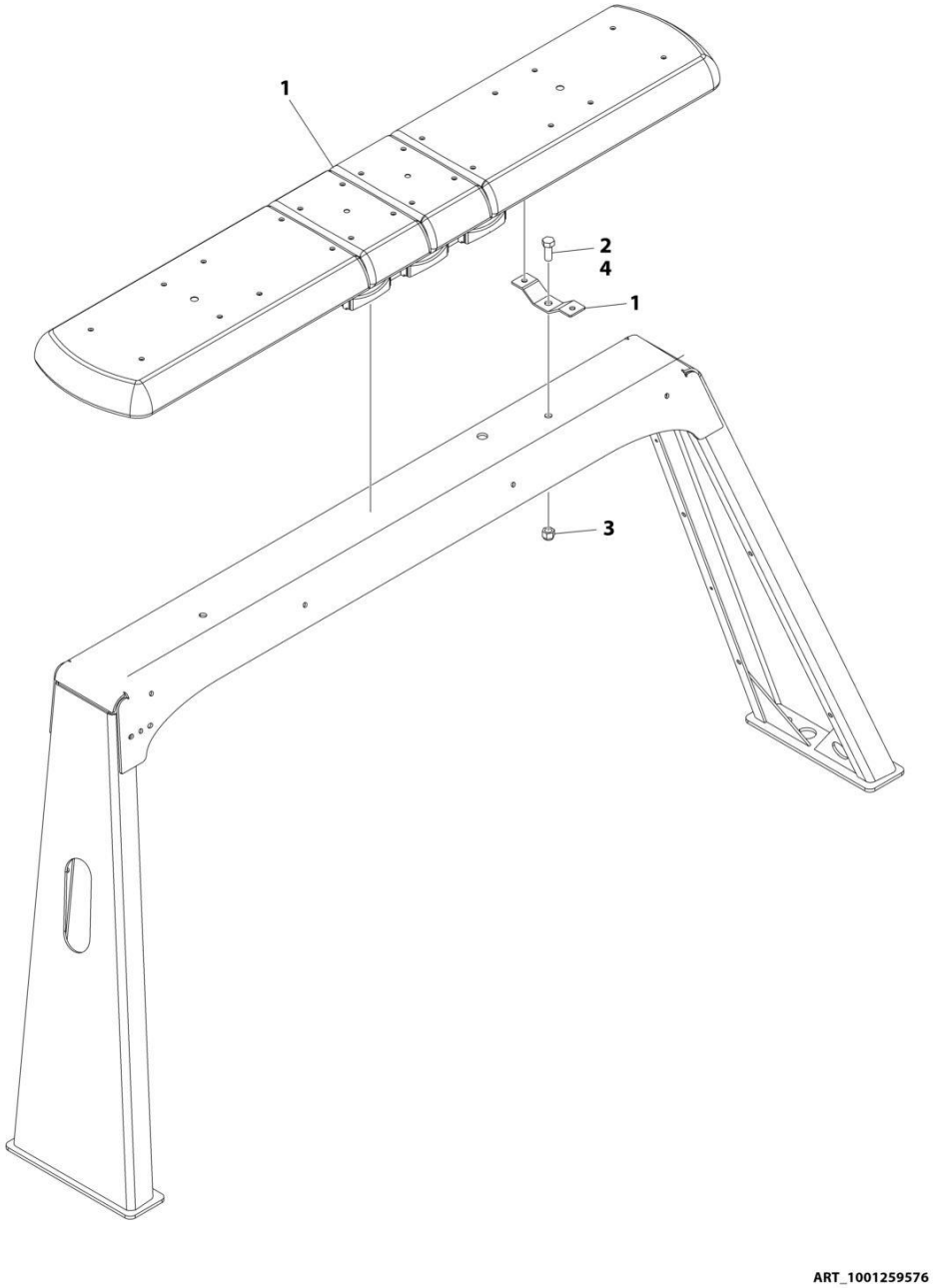


FIGURE 7-20. LIGHTBAR INSTALLATION - ECCO (60IN)

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

FIGURE 7-21. LIGHTBAR INSTALLATION - WHELEN BRAND (60IN 4 LIGHT)

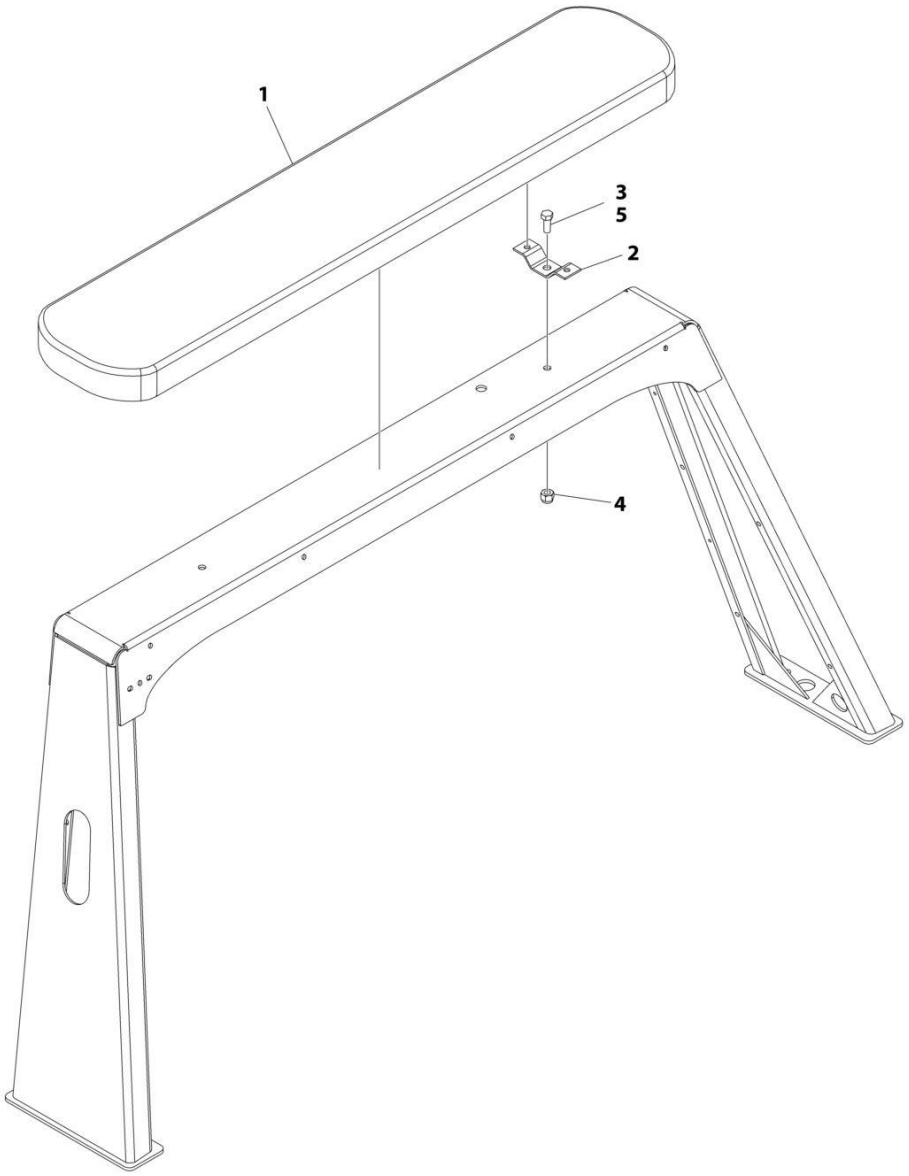


FIGURE 7-21. LIGHTBAR INSTALLATION - WHELEN BRAND (60IN 4 LIGHT)

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

FIGURE 7-22. LIGHTBAR INSTALLATION - WHELEN BRAND (60IN 4 LIGHT)

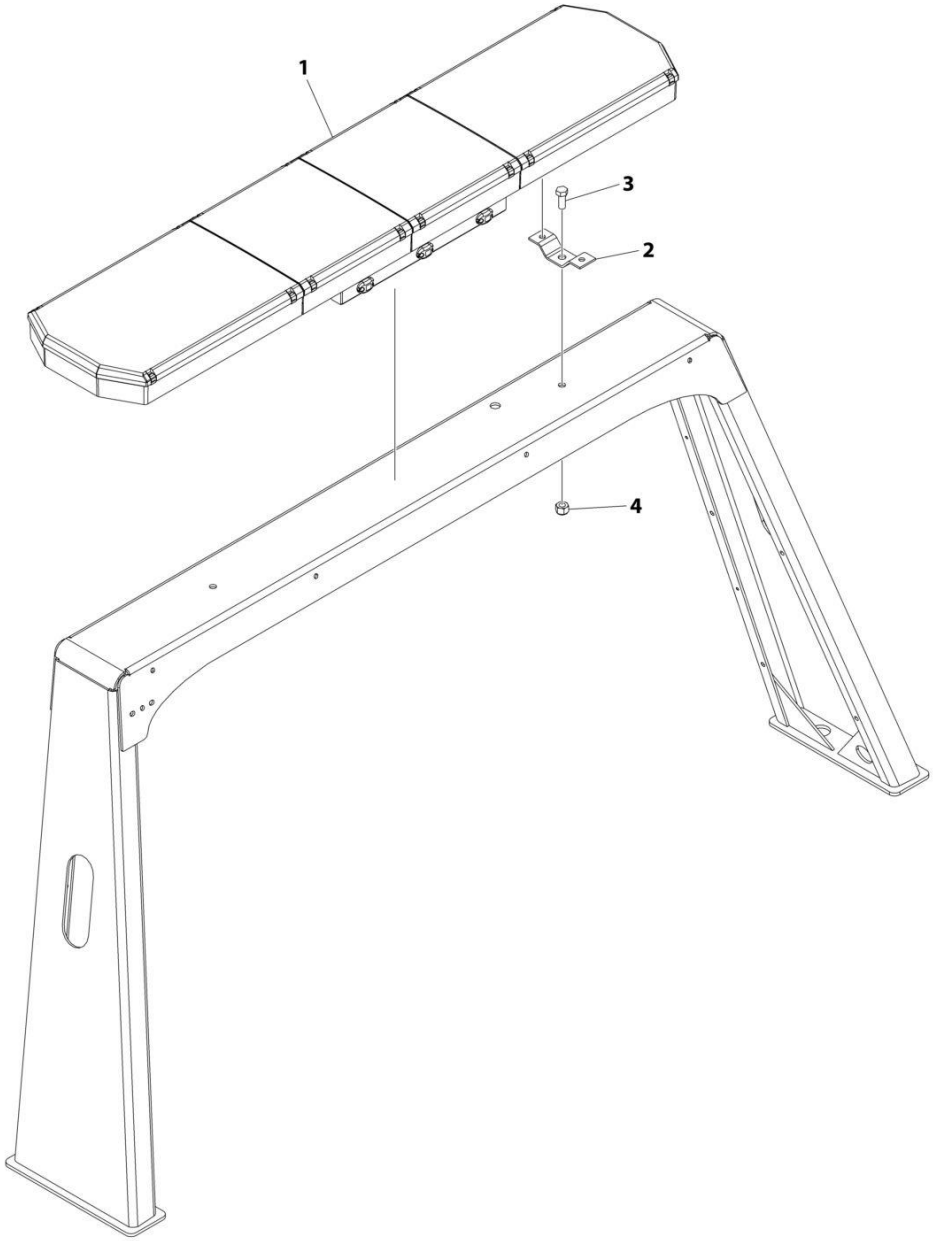
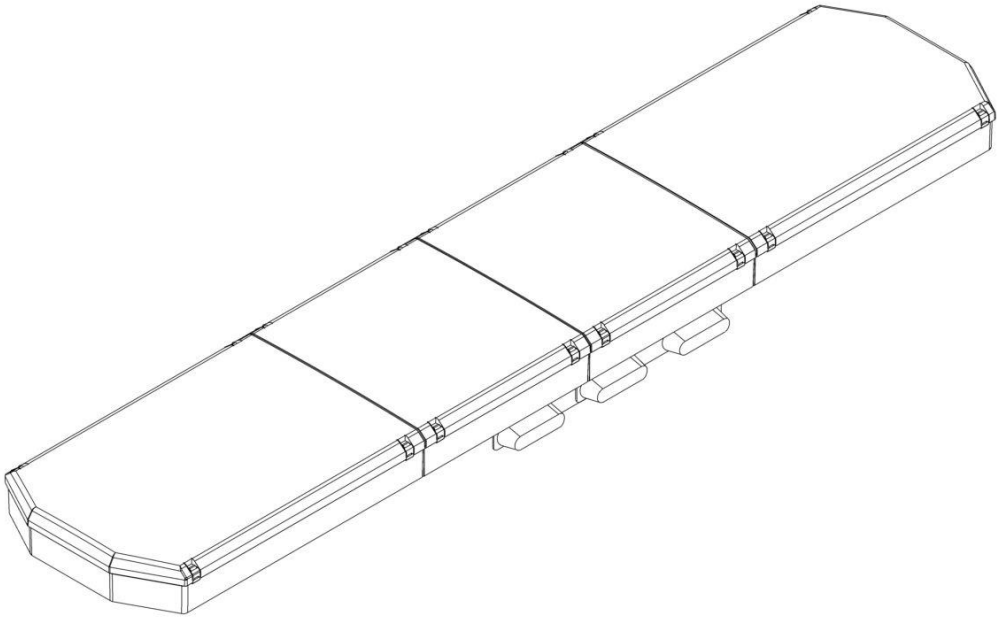


FIGURE 7-22. LIGHTBAR INSTALLATION - WHELEN BRAND (60IN 4 LIGHT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137520	Ref	LIGHTBAR INSTALLATION	B
1	1001199475	1	Lightbar Assembly (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	

FIGURE 7-23. LIGHTBAR ASSEMBLY - CODE 3 BRAND (58IN 4 LIGHT)



ART_1001136992

FIGURE 7-23. LIGHTBAR ASSEMBLY - CODE 3 BRAND (58IN 4 LIGHT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001136992	Ref	LIGHTBAR ASSEMBLY	A
		Ref	Note: No Service Parts Available at Time of Printing	

FIGURE 7-24. LIGHTBAR ASSEMBLY - CODE 3 BRAND (58IN 10 LIGHT)

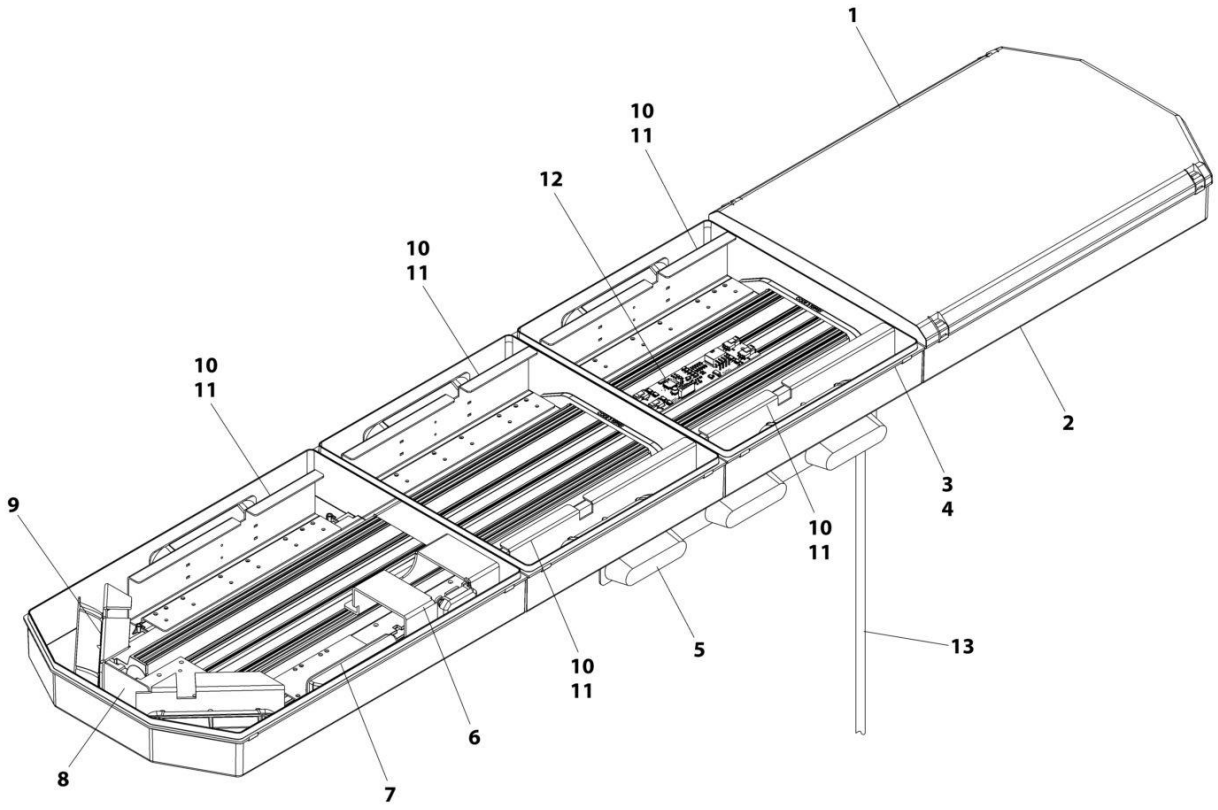
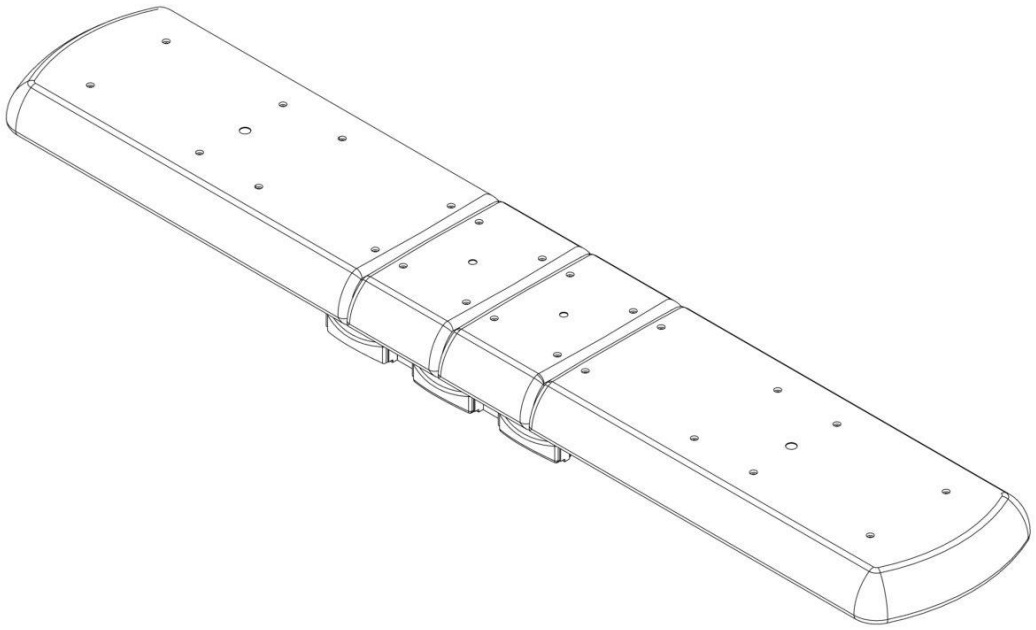


FIGURE 7-24. LIGHTBAR ASSEMBLY - CODE 3 BRAND (58IN 10 LIGHT)

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

FIGURE 7-25. LIGHTBAR ASSEMBLY - ECCO 60IN

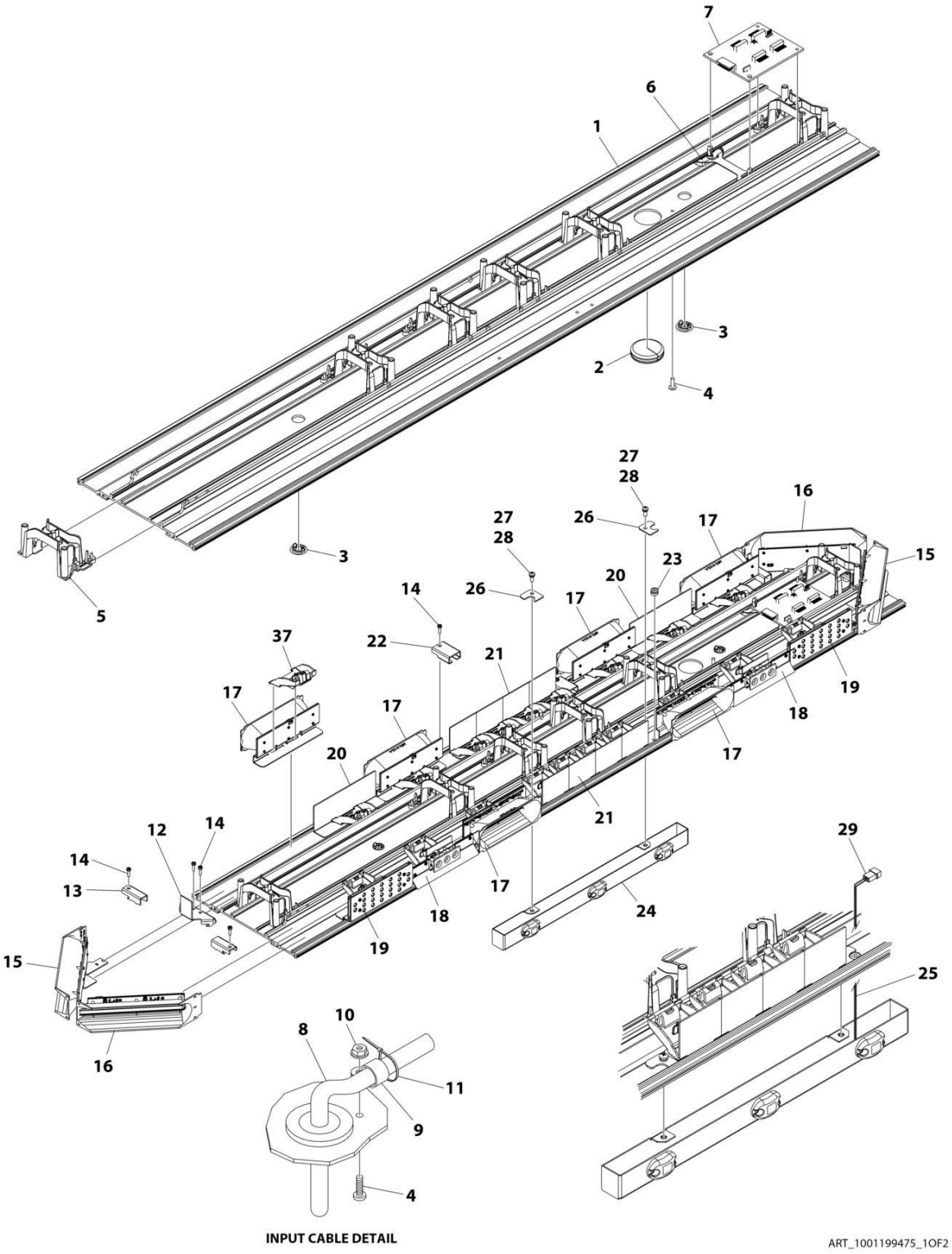


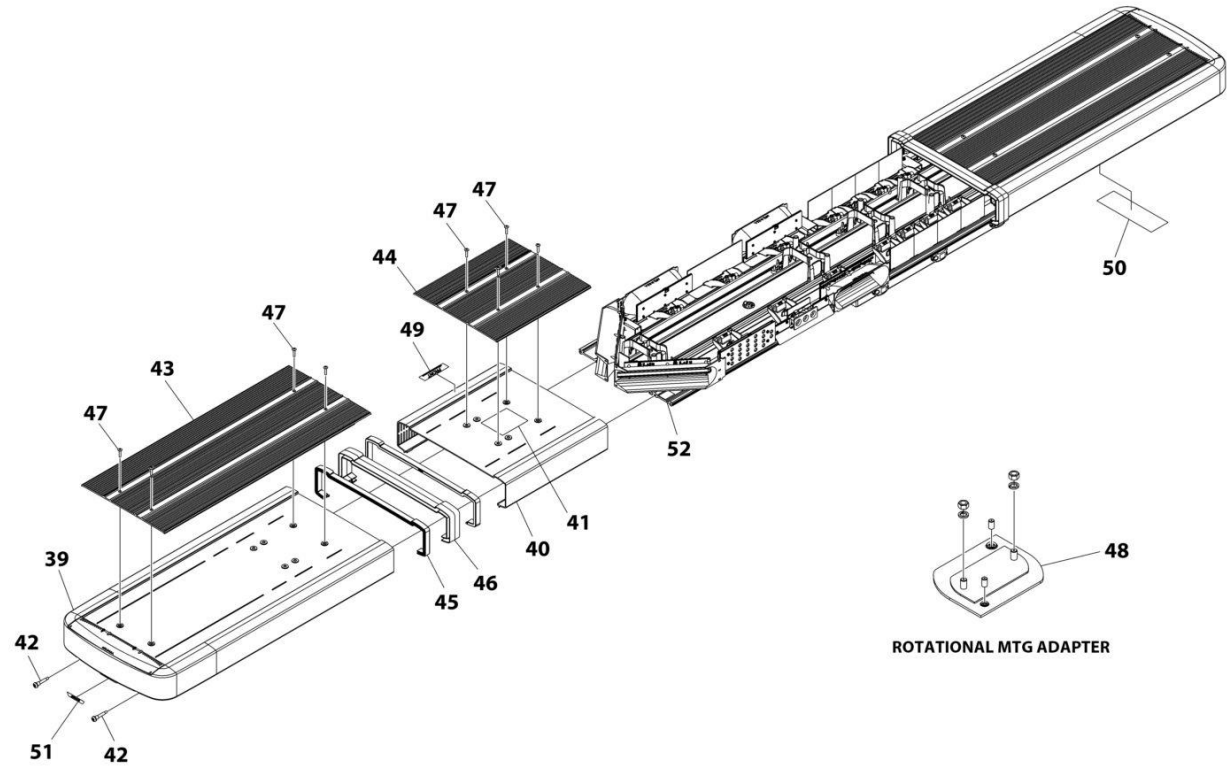
ART_1001247139

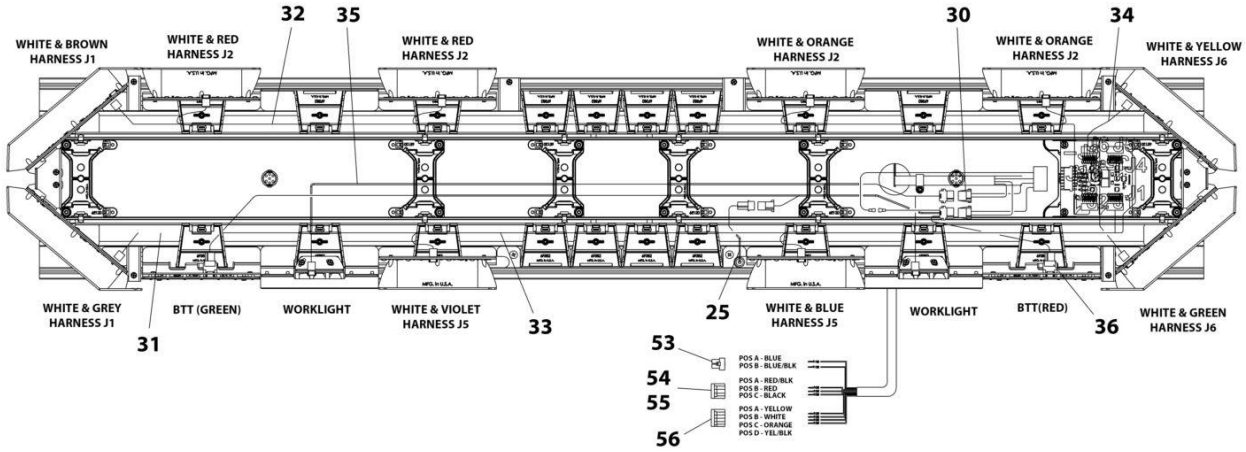
FIGURE 7-25. LIGHTBAR ASSEMBLY - ECCO 60IN

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

FIGURE 7-26. LIGHTBAR ASSEMBLY - WHELEN 60IN







ART_1001199475_2OF2

FIGURE 7-26. LIGHTBAR ASSEMBLY - WHELEN 60IN

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

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

FIGURE 7-27. LIGHTBAR BRACKET INSTALLATION (FOLDING) (ALUMINUM BODY)

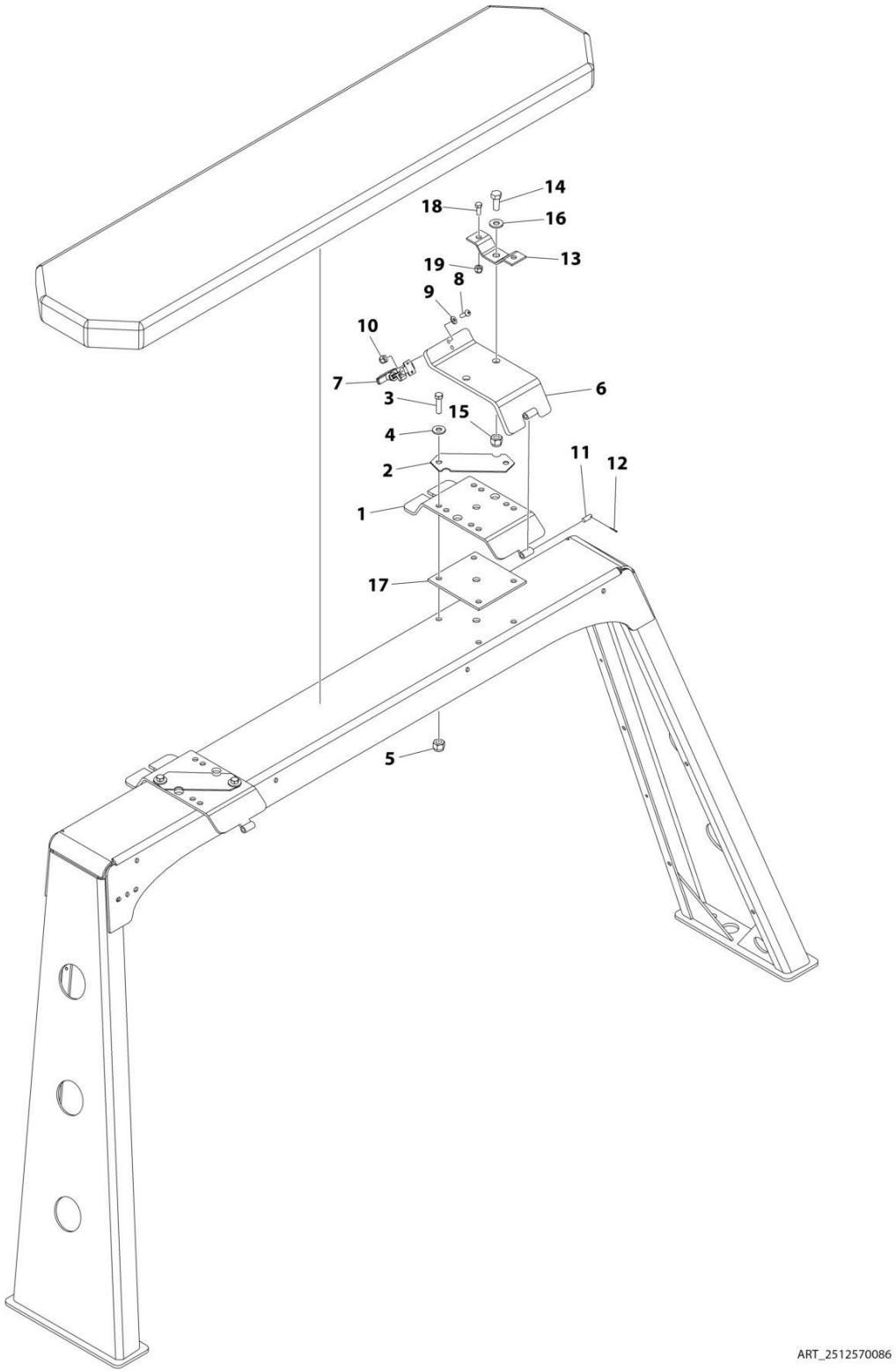


FIGURE 7-27. LIGHTBAR BRACKET INSTALLATION (FOLDING) (ALUMINUM BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512570086	Ref	FOLD DOWN LIGHTBAR BRACKET	0
1	3178000443	2	Bottom Bracket	
2	4090000018	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	Top Bracket	
7	7585000001	2	Draw Latch	
8	7114100518	4	Capscrew #10 x 5/8	
9	7950100103	4	Washer #10	
10	7660102604	4	Nut #10	
11	7690144800	2	Clevis Pin	
12	7690000810	2	Cotter Pin	
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	4831000120	2	Spacer	
18	7115150664	4	Bolt 5/8 x 3/4	
19	7660152601	4	Nut 5/8	

FIGURE 7-28. LIGHTBAR BRACKET INSTALLATION (FOLDING) (STEEL BODY)

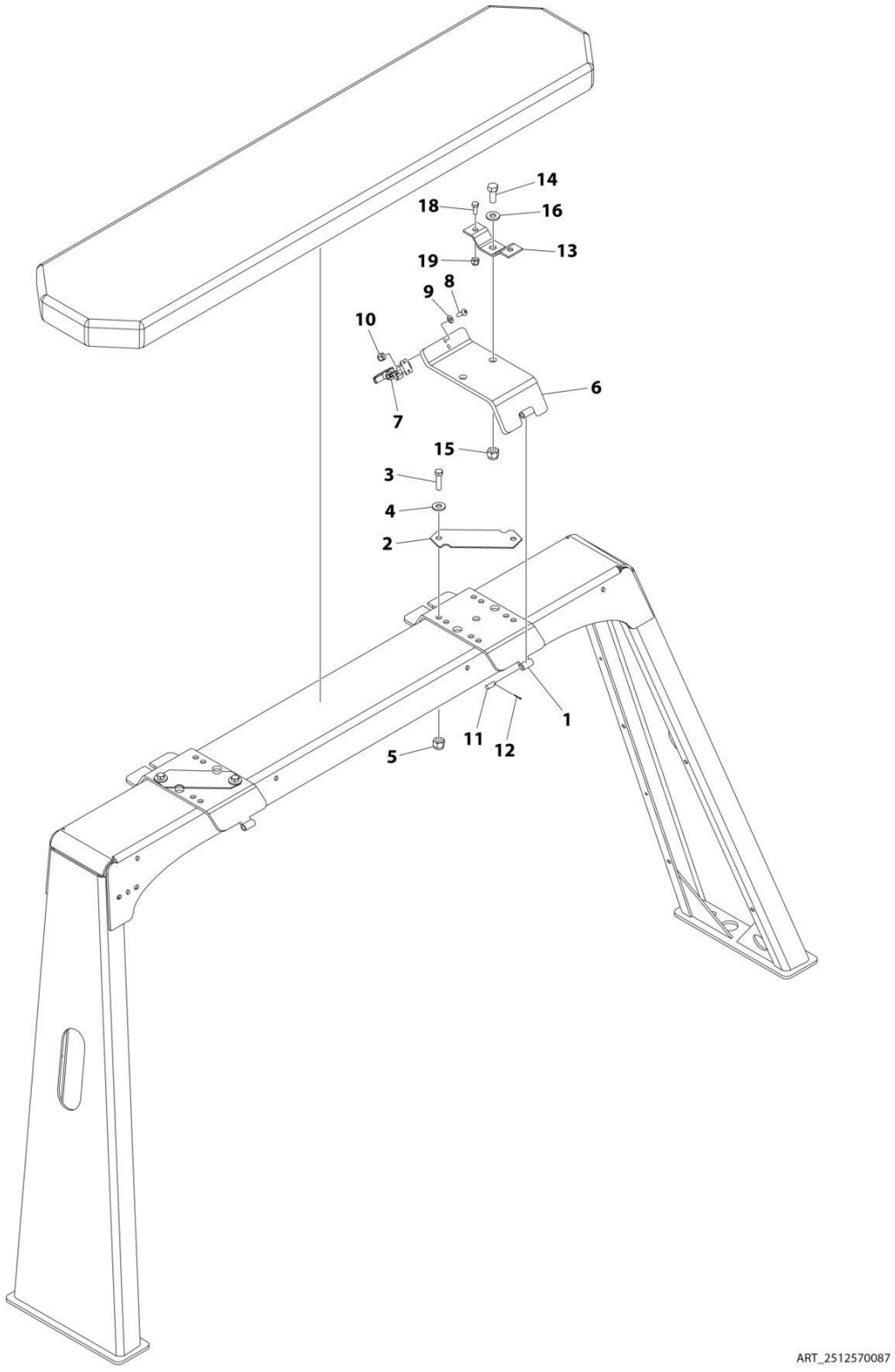


FIGURE 7-28. LIGHTBAR BRACKET INSTALLATION (FOLDING) (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512570087	Ref	LIGHTBAR BRACKET INSTALLATION	0
1	3178000443	2	Bottom Bracket	
2	4090000018	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	Top Bracket	
7	7585000001	2	Draw Latch	
8	7114100518	4	Capscrew #10 x 5/8	
9	7950100103	4	Washer #10	
10	7660102604	4	Nut #10	
11	7690144800	2	Clevis Pin	
12	7690000810	2	Cotter Pin	
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	
18	7115150664	4	Bolt 5/8 x 3/4	
19	7660152601	4	Nut 5/8	

FIGURE 7-29. LIGHTS - PYLON MARKER LIGHT INSTALLATION

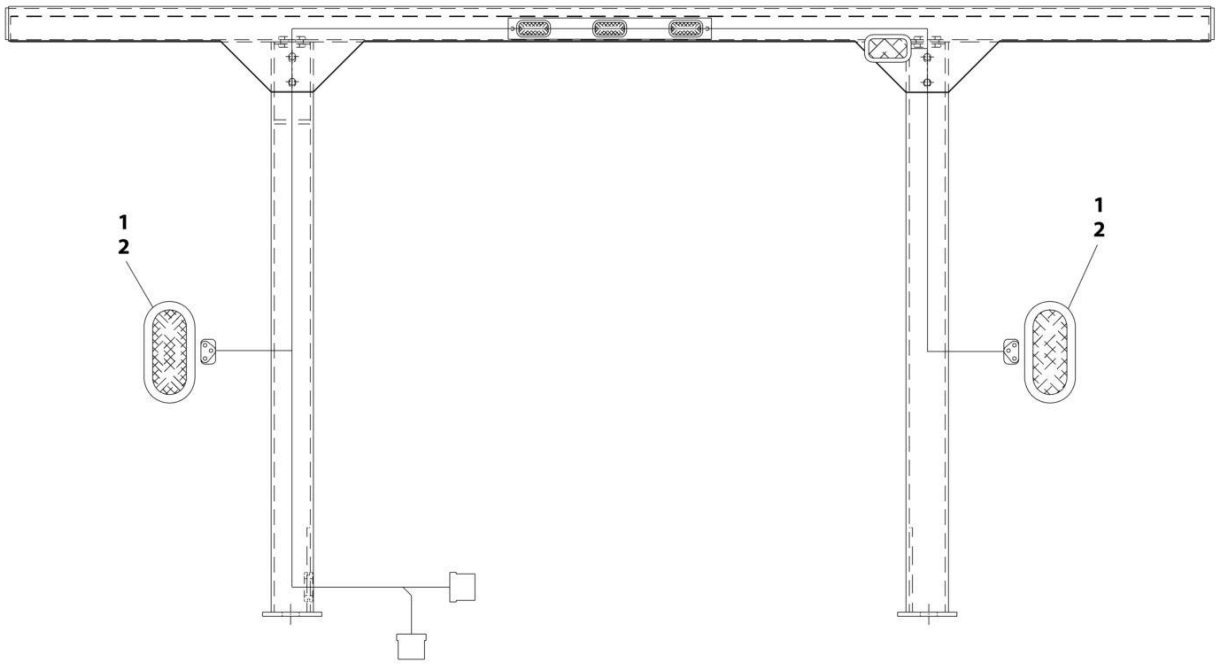


FIGURE 7-29. LIGHTS - PYLON MARKER LIGHT INSTALLATION

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)	

FIGURE 7-30. LIGHTS - PYLON MARKER LIGHT INSTALLATION

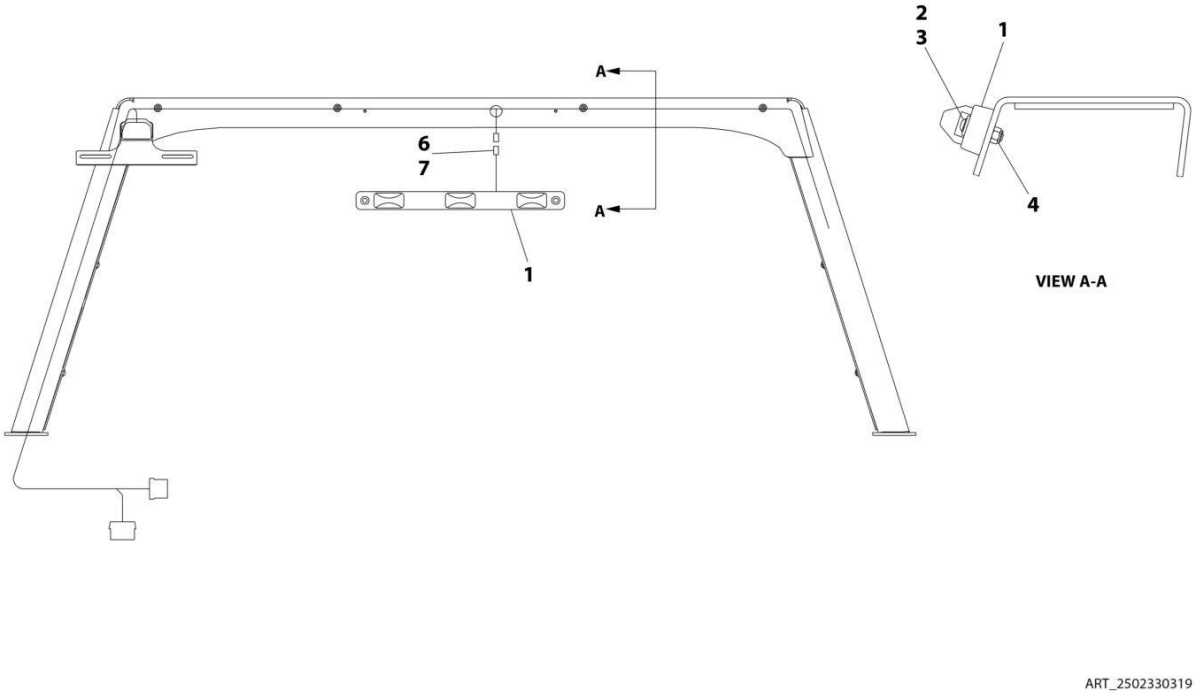
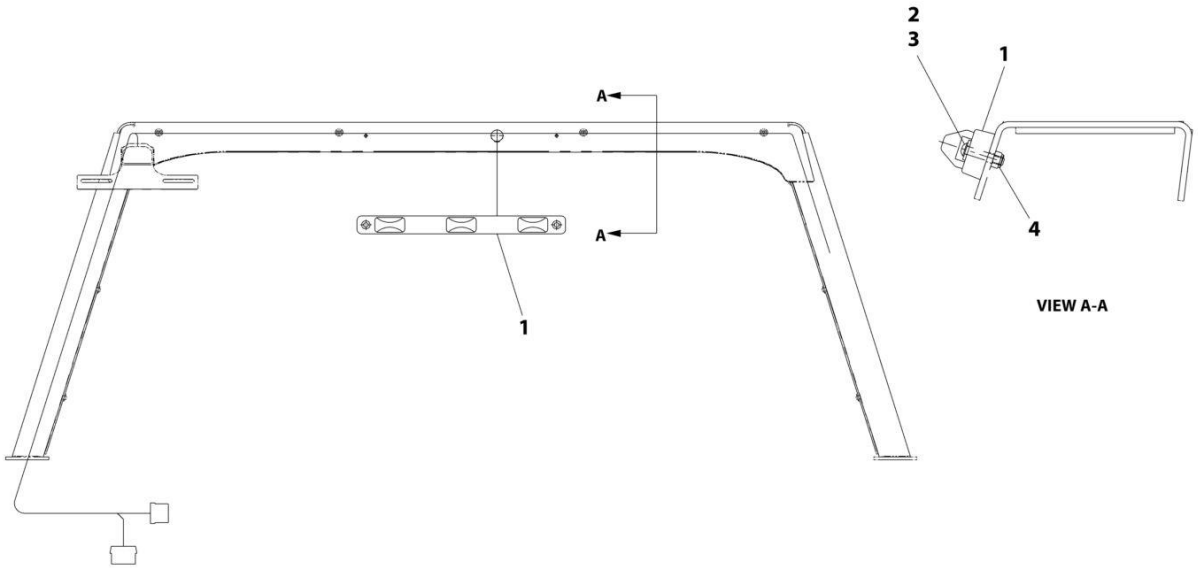


FIGURE 7-30. LIGHTS - PYLON MARKER LIGHT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502330319	Ref	LIGHTS - PYLON MARKER LIGHT INSTALLATION	B
1	7590000316	1	Light	
2	7114141018	2	Screw 1/4 x 1-1/4	
3	7950140143	2	Washer 1/4	
4	7660142604	2	Nut 1/4	
6	7345001714	2	Terminal	
7	7346000039	AR	Tubing	

FIGURE 7-31. LIGHTS - PYLON MARKER LIGHT INSTALLATION (PYLON/HEADBOARD MOUNTED)



ART_2590000177

FIGURE 7-31. LIGHTS - PYLON MARKER LIGHT INSTALLATION (PYLON/HEADBOARD MOUNTED)

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	

FIGURE 7-32. LIGHTS - PYLON LIGHTS HARNESS (BODY MOUNTED PYLON) (SN 0230002518 through 0230009713)

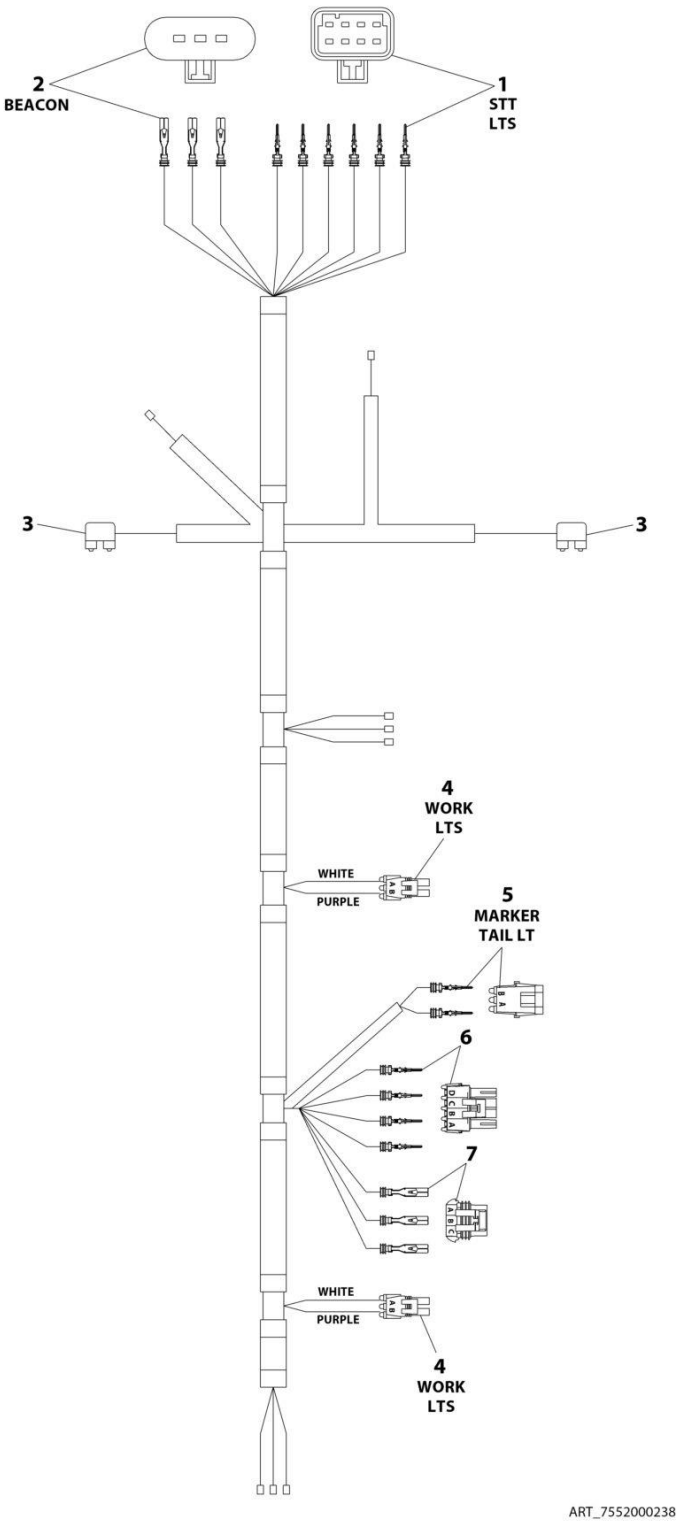


FIGURE 7-32. LIGHTS - PYLON LIGHTS HARNESS (BODY MOUNTED PYLON) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000238	Ref	PYLON LIGHTS HARNESS	E
1	4460692	1	Connector	
1	4460695	1	Lock	
1	4460693	6	Terminal	
1	NPN	6	Seal	
1	4461215	2	Plug, Terminal	
2	8220934	1	Connector	
2	7346000109	1	Lock	
2	8220100	3	Terminal	
2	NPN	3	Seal	
3	1001275791	2	Connector	
4	4460742	2	Connector	
4	4460457	4	Terminal	
4	4460458	4	Seal	
5	4461157	1	Connector	
5	4460475	2	Terminal	
5	NPN	2	Seal	
6	NPN	1	Connector	
6	4460457	4	Terminal	
6	NPN	4	Seal	
7	NPN	1	Connector	
7	7346000109	1	Lock	
7	8220099	3	Terminal	
7	NPN	3	Seal	

FIGURE 7-33. LIGHTS - PYLON LIGHTS HARNESS (BODY MOUNTED PYLON) (SN 0230008714 to Present)

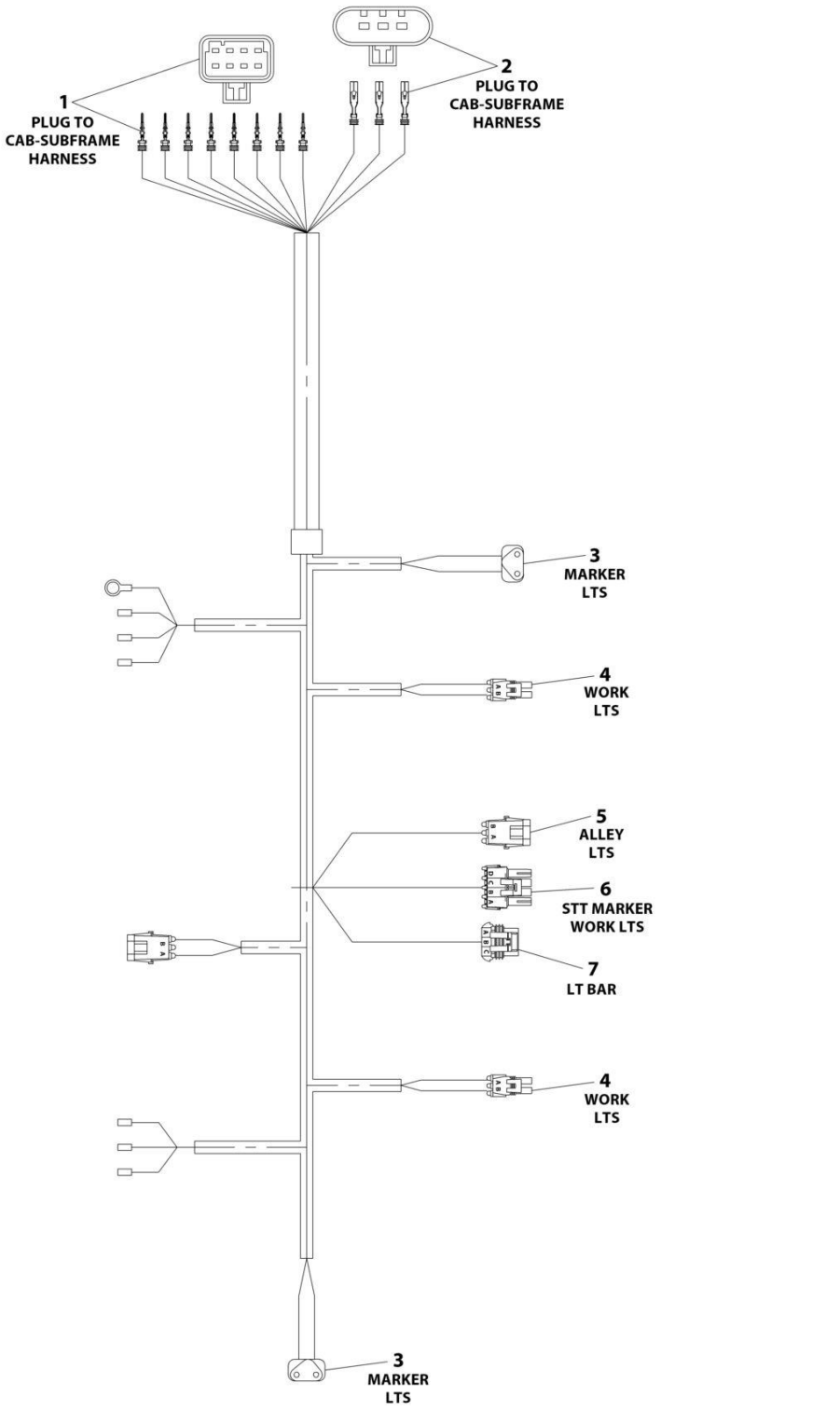


FIGURE 7-33. LIGHTS - PYLON LIGHTS HARNESS (BODY MOUNTED PYLON) (SN 0230008714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266076	Ref	PYLON LIGHTS HARNESS	B
1	4460692	1	Connector	
1	4460695	1	Lock	
1	NPN	7	Terminal	
1	4460608	7	Seal	
1	4461215	1	Plug, Terminal	
2	8220934	1	Connector	
2	7346000109	1	Lock	
2	8220100	1	Terminal	
2	NPN	2	Terminal	
2	NPN	1	Seal	
2	NPN	2	Seal	
3	NPN	2	Connector	
4	4460742	2	Connector	
4	4460457	4	Terminal	
4	4460458	4	Seal	
5	4461157	1	Connector	
5	4460475	2	Terminal	
5	NPN	2	Seal	
6	NPN	1	Connector	
6	4460457	4	Terminal	
6	4460458	4	Seal	
7	NPN	1	Connector	
7	7346000109	1	Lock	
7	8220099	3	Terminal	
7	NPN	3	Seal	

FIGURE 7-34. LIGHTS - PYLON LIGHTS HARNESS (BODY MOUNTED PYLON WITH SIDE MARKER LIGHTS) (SN 0230002518 through 0230009713)

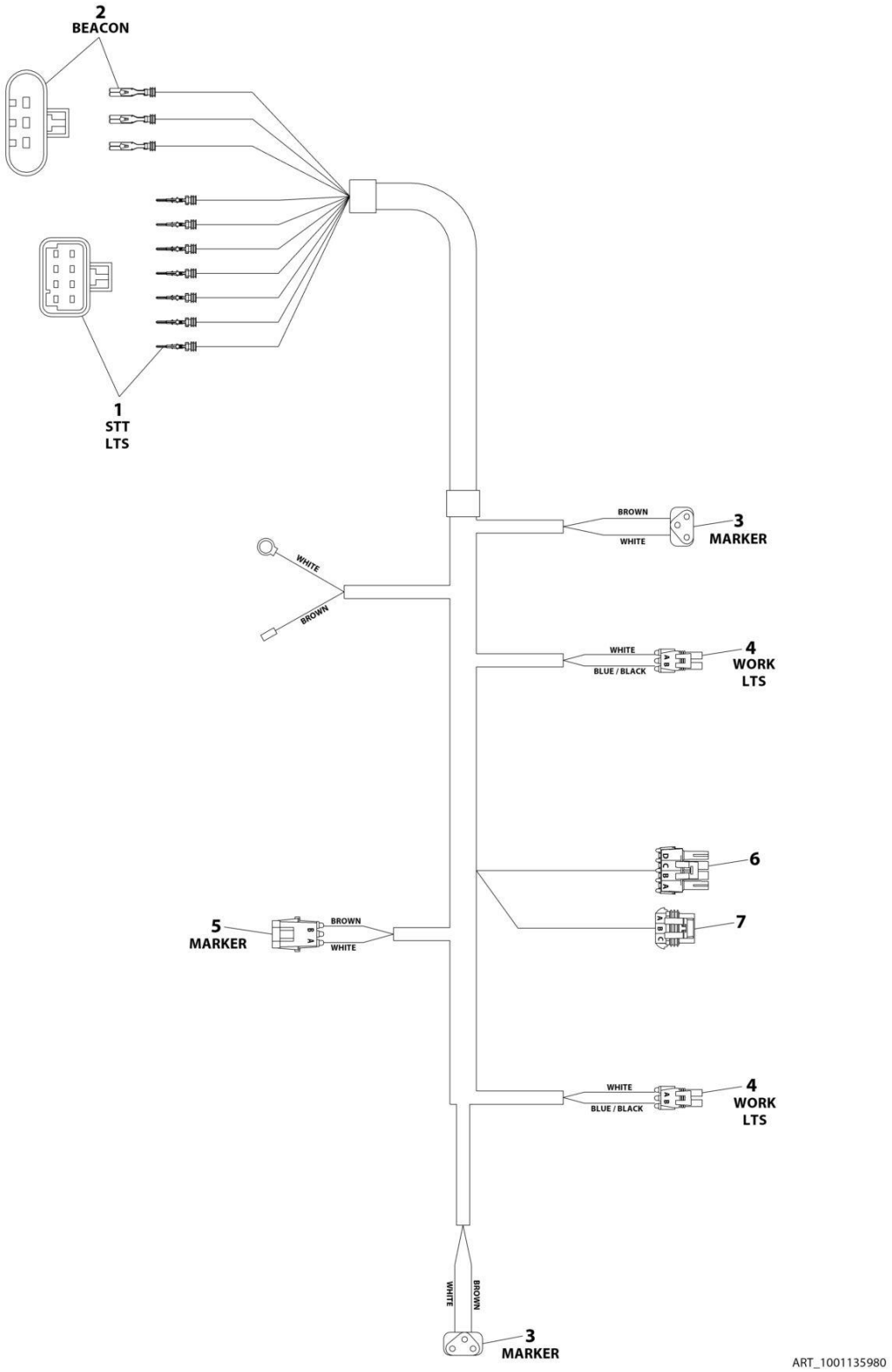


FIGURE 7-34. LIGHTS - PYLON LIGHTS HARNESS (BODY MOUNTED PYLON WITH SIDE MARKER LIGHTS) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135980	Ref	PYLON LIGHTS HARNESS	E
1	4460692	1	Connector	
1	4460695	1	Lock	
1	NPN	5	Terminal	
1	4460608	5	Seal	
1	4461215	5	Plug, Terminal	
2	8220934	1	Connector	
2	7346000109	1	Lock	
2	8220100	1	Terminal	
2	NPN	2	Terminal	
2	NPN	1	Seal	
2	NPN	2	Seal	
3	NPN	2	Connector	
4	4460742	2	Connector	
4	4460457	4	Terminal	
4	4460458	4	Seal	
5	4461157	1	Connector	
5	4460475	2	Terminal	
5	NPN	2	Seal	
6	NPN	1	Connector	
6	4460457	4	Terminal	
6	4460458	4	Seal	
7	NPN	1	Connector	
7	7346000109	1	Lock	
7	8220099	3	Terminal	
7	NPN	3	Seal	

FIGURE 7-35. LIGHTS - PYLON LIGHTS HARNESS (TOOLBOX MOUNTED PYLON) (SN 0230002518 through 0230009713)

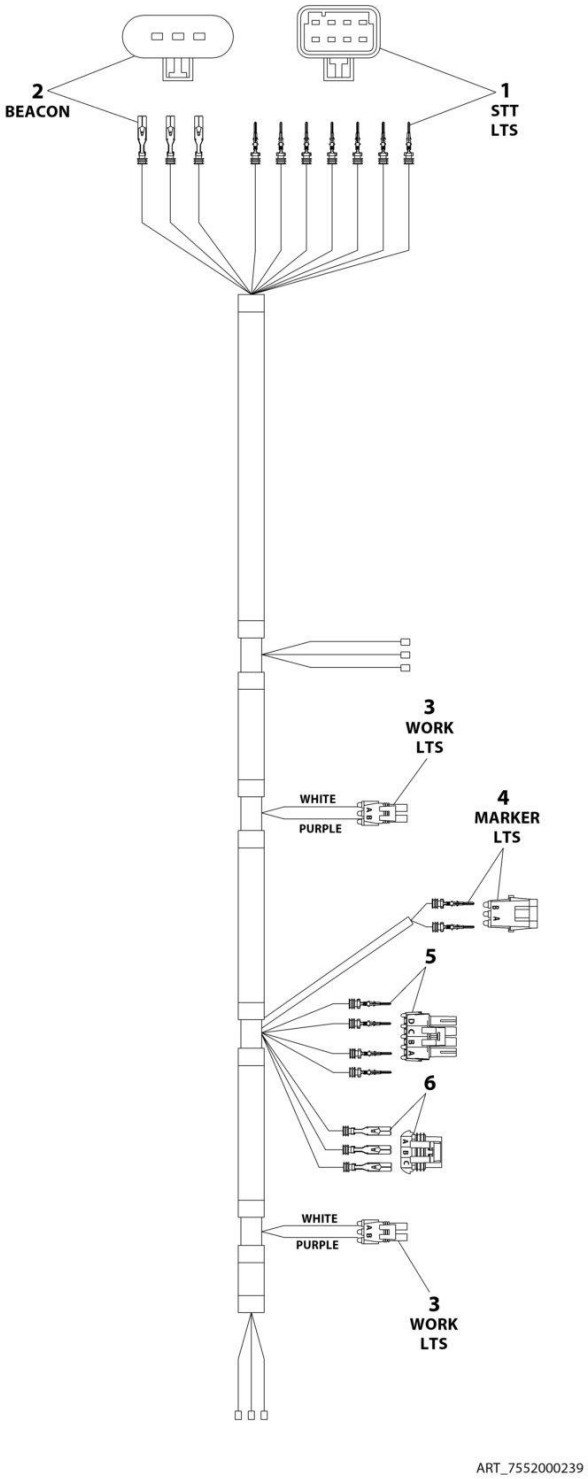


FIGURE 7-35. LIGHTS - PYLON LIGHTS HARNESS (TOOLBOX MOUNTED PYLON) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000239	Ref	PYLON LIGHTS HARNESS	E
1	4460692	1	Connector	
1	4460695	1	Lock	
1	4460693	5	Terminal	
1	NPN	5	Seal	
1	4461215	3	Plug, Terminal	
2	8220934	1	Connector	
2	7346000109	1	Lock	
2	8220100	3	Terminal	
2	NPN	3	Seal	
3	4460742	2	Connector	
3	4460457	4	Terminal	
3	4460458	4	Seal	
4	4461157	1	Connector	
4	4460475	2	Terminal	
4	NPN	2	Seal	
5	NPN	1	Connector	
5	4460457	4	Terminal	
5	NPN	4	Seal	
6	NPN	1	Connector	
6	7346000109	1	Lock	
6	8220099	3	Terminal	
6	NPN	3	Seal	

FIGURE 7-36. LIGHTS - PYLON LIGHTS HARNESS (TOOLBOX MOUNTED PYLON) (SN 0230008714 to Present)

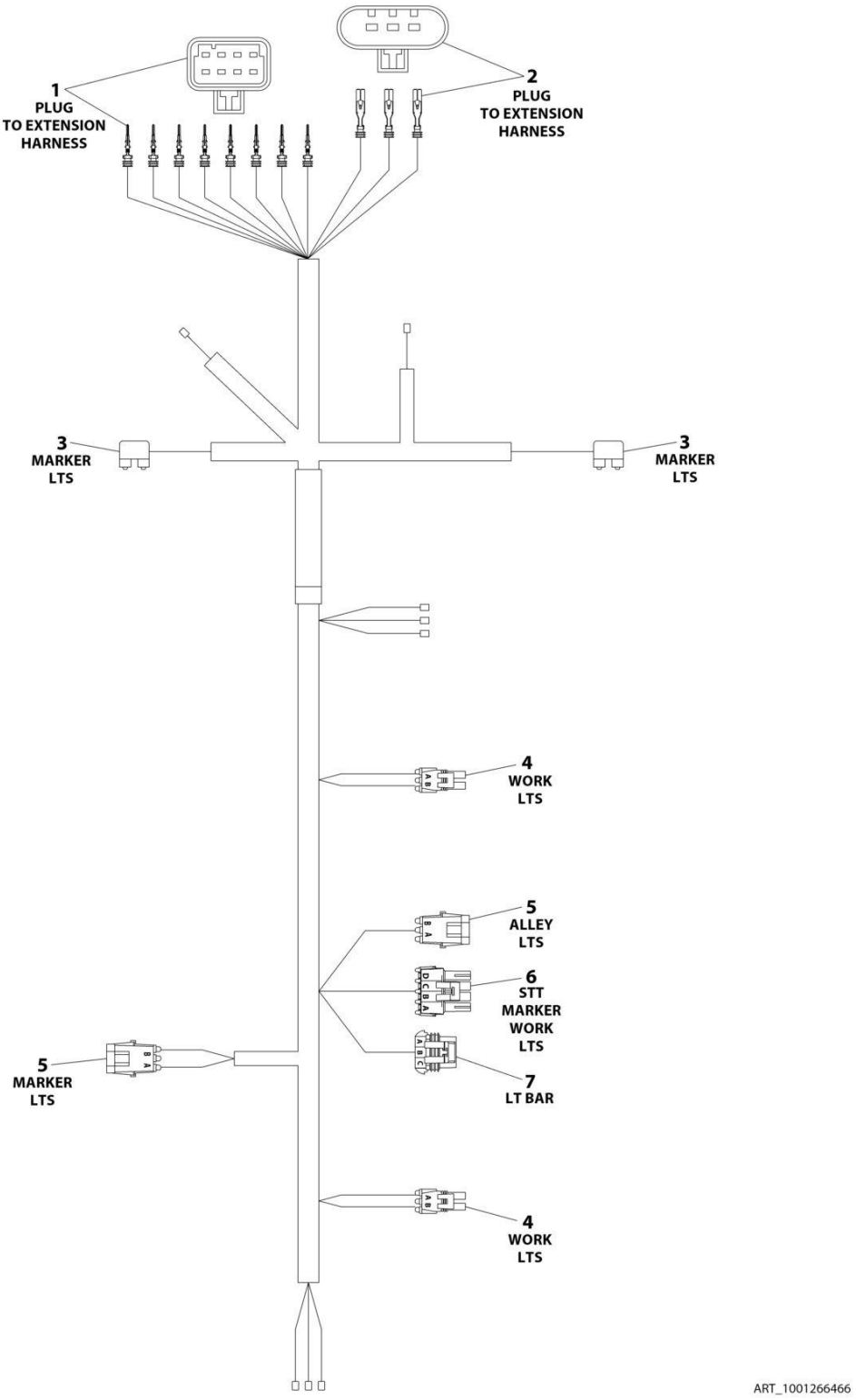


FIGURE 7-36. LIGHTS - PYLON LIGHTS HARNESS (TOOLBOX MOUNTED PYLON) (SN 0230008714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266466	Ref	PYLON LIGHTS HARNESS	A
1	4460692	1	Connector	
1	4460695	1	Lock	
1	NPN	8	Terminal	
1	4460608	8	Seal	
2	8220934	1	Connector	
2	7346000109	1	Lock	
2	8220100	1	Terminal	
2	NPN	2	Terminal	
2	NPN	1	Seal	
2	NPN	2	Seal	
3	NPN	2	Connector	
4	4460742	2	Connector	
4	4460457	4	Terminal	
4	4460458	4	Seal	
5	4461157	2	Connector	
5	4460475	4	Terminal	
5	NPN	4	Seal	
6	NPN	1	Connector	
6	4460457	4	Terminal	
6	4460458	4	Seal	
7	NPN	1	Connector	
7	7346000109	1	Lock	
7	8220099	3	Terminal	
7	NPN	3	Seal	

FIGURE 7-37. LIGHTS - PYLON LIGHTS HARNESS (TOOLBOX MOUNTED PYLON WITH SIDE MARKER LIGHTS) (SN 0230008714 to Present)

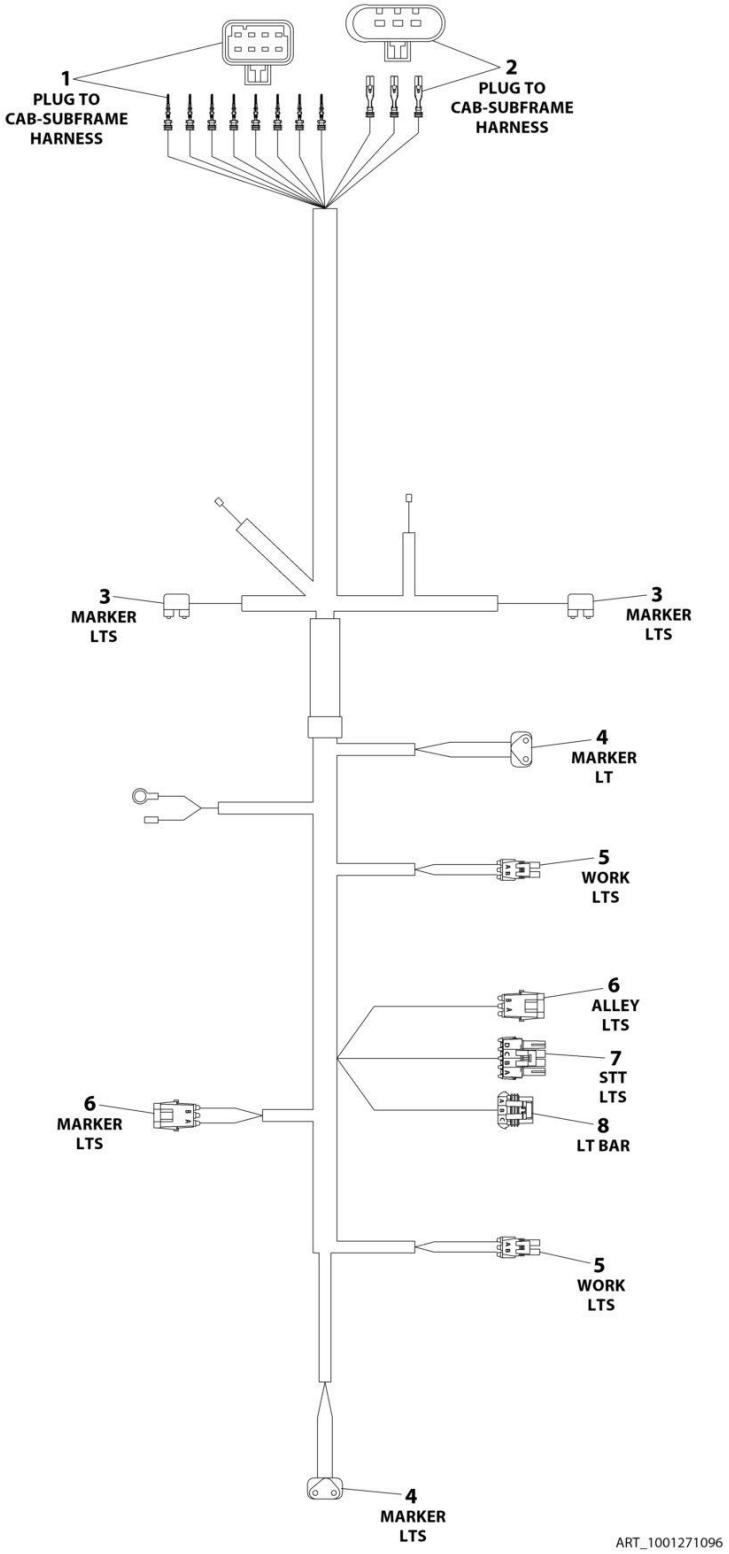


FIGURE 7-37. LIGHTS - PYLON LIGHTS HARNESS (TOOLBOX MOUNTED PYLON WITH SIDE MARKER LIGHTS) (SN 0230008714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001271096	Ref	PYLON LIGHTS HARNESS	A
1	4460692	1	Connector	
1	4460695	1	Lock	
1	NPN	7	Terminal	
1	4460608	7	Seal	
1	4461215	1	Plug, Terminal	
2	8220934	1	Connector	
2	7346000109	1	Lock	
2	8220100	1	Terminal	
2	NPN	2	Terminal	
2	NPN	1	Seal	
2	NPN	2	Seal	
3	1001275791	2	Connector	
4	NPN	2	Connector	
5	4460742	2	Connector	
5	4460457	4	Terminal	
5	4460458	4	Seal	
6	4461157	2	Connector	
6	4460475	4	Terminal	
6	NPN	4	Seal	
7	NPN	1	Connector	
7	4460457	4	Terminal	
7	4460458	4	Seal	
8	NPN	1	Connector	
8	7346000109	1	Lock	
8	8220099	3	Terminal	
8	NPN	3	Seal	

FIGURE 7-38. LIGHTS - TAILLIGHT CONVERSION

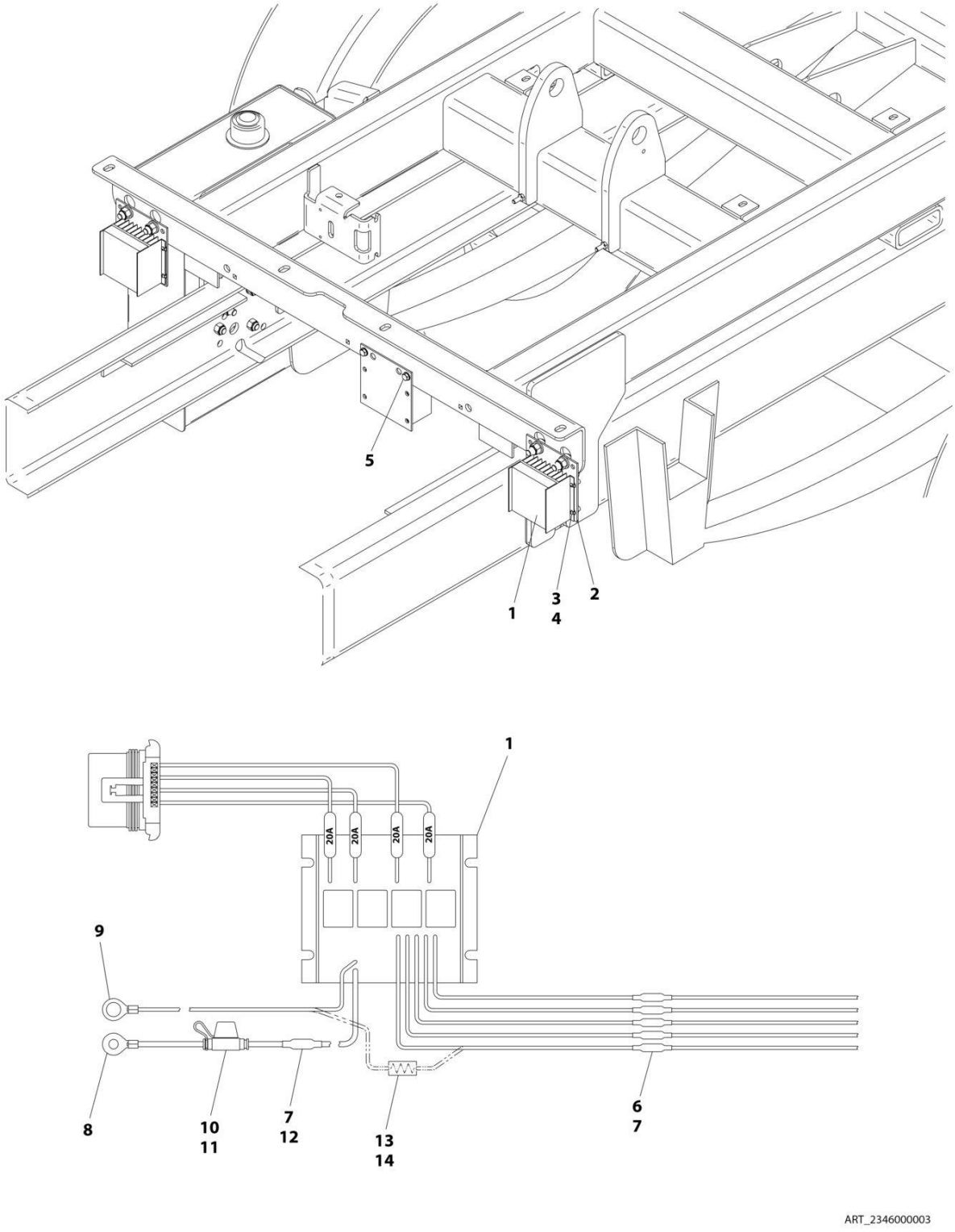


FIGURE 7-38. LIGHTS - TAILLIGHT CONVERSION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2346000003	Ref	TAIL LIGHT CONVERTER	D
1	7297000008	1	Tail Light Converter	
2	4706002990	1	Plate	
3	7661000007	4	Nut #10	
4	7104100613	4	Capscrew #10 x 3/4	
5	7790151253	2	Bolt 5/16 x 3/4	
6	7345001714	5	Terminal	
7	7346000039	0.33 ft / 0.1m	Tube, 25in ID	
8	7345221902	1	Terminal	
9	7345241902	1	Terminal	
10	7346000126	1	Fuse Holder	
11	7457000017	1	Fuse - 30 amp	
12	7345001914	1	Terminal	
13	7346000209	1	Resistor (UD Chassis with Incandes't Lights)	
14	7346000220	1	Resistor (UD Chassis with Incandes't Lights)	

FIGURE 7-39. LIGHTS - TUNNEL TOOLBOX LIGHTS INSTALLATION (ALUMINUM BODY)

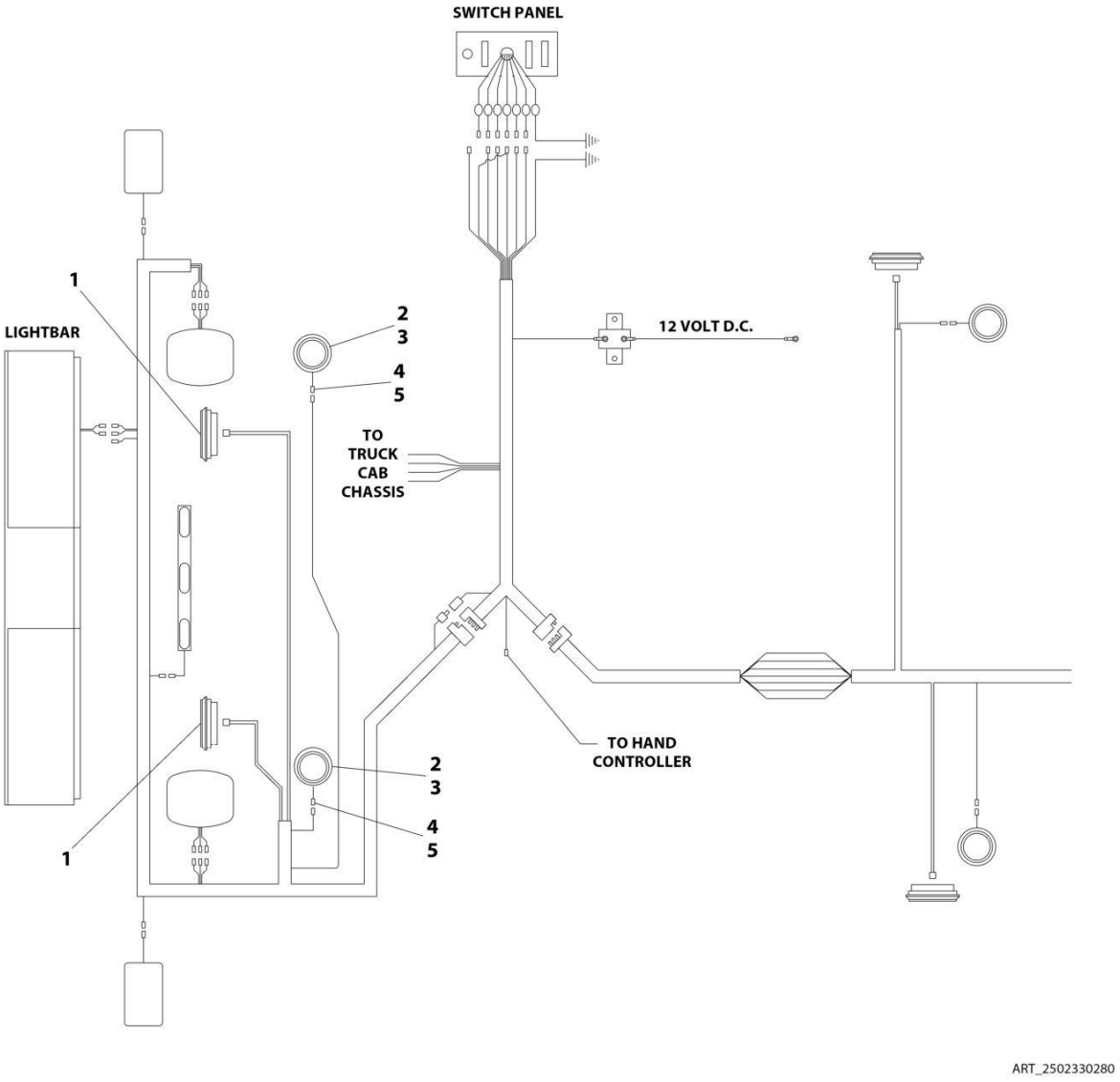


FIGURE 7-39. LIGHTS - TUNNEL TOOLBOX LIGHTS INSTALLATION (ALUMINUM BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502330280	Ref	TUNNEL TOOLBOX LIGHTS INSTALLATION	C
1	7493000009	2	Grommet	
2	7590000001	2	Light with Switch	
3	7790060676	6	Screw #6 x 3/8	
4	7345001714	2	Terminal	
5	7346000039	AR	Tubing	

FIGURE 7-40. LIGHTS - TUNNEL TOOLBOX LIGHTS INSTALLATION (STEEL BODY)

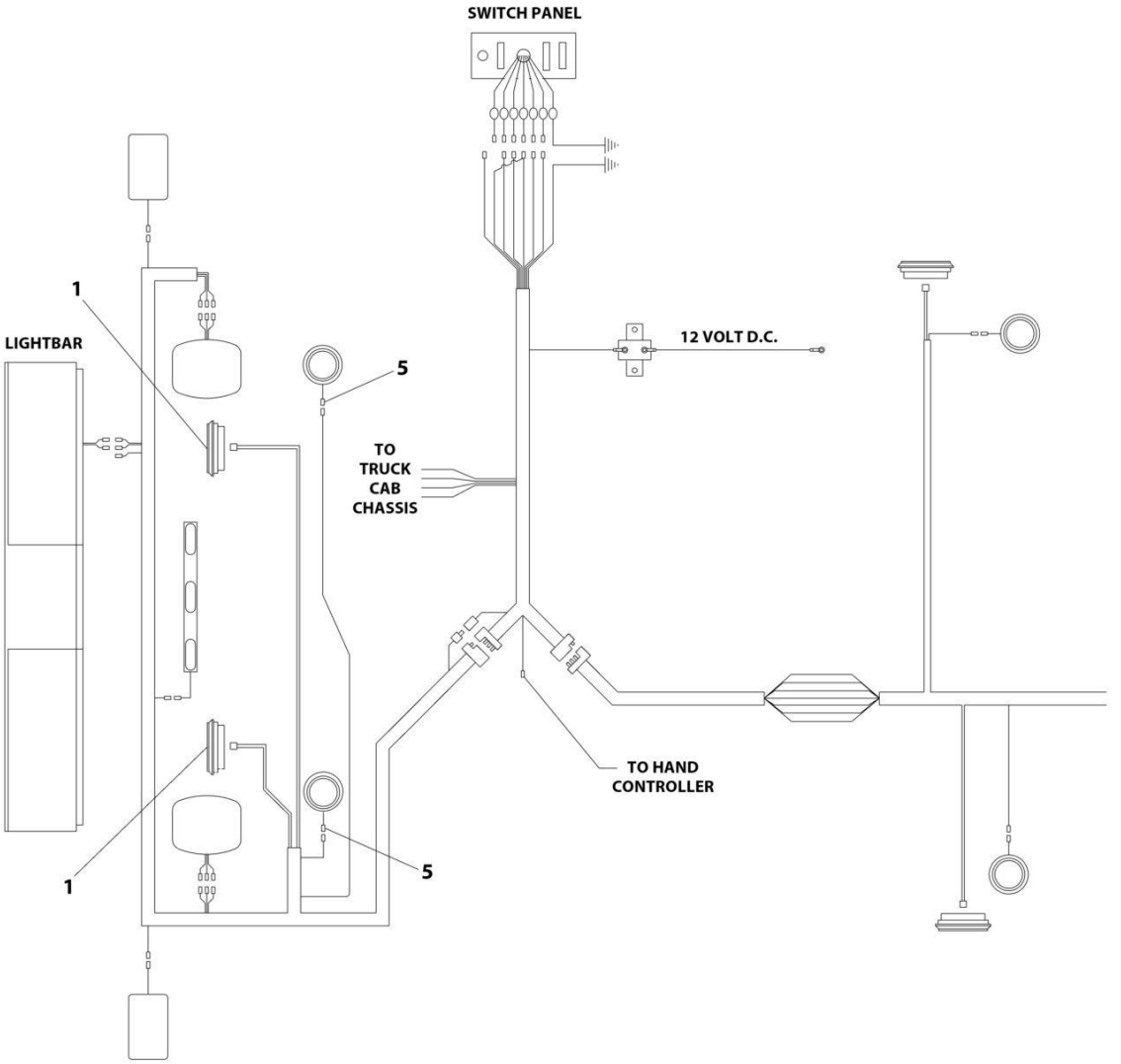


FIGURE 7-40. LIGHTS - TUNNEL TOOLBOX LIGHTS INSTALLATION (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502330283	Ref	LIGHTS - TUNNEL TOOLBOX LIGHTS INSTALLATION	A
1	7493000009	2	Grommet	
5	7346000039	AR	Tubing	

FIGURE 7-41. LIGHTS - WORKLIGHTS INSTALLATION (LOWER HOOK UP MOUNTED)

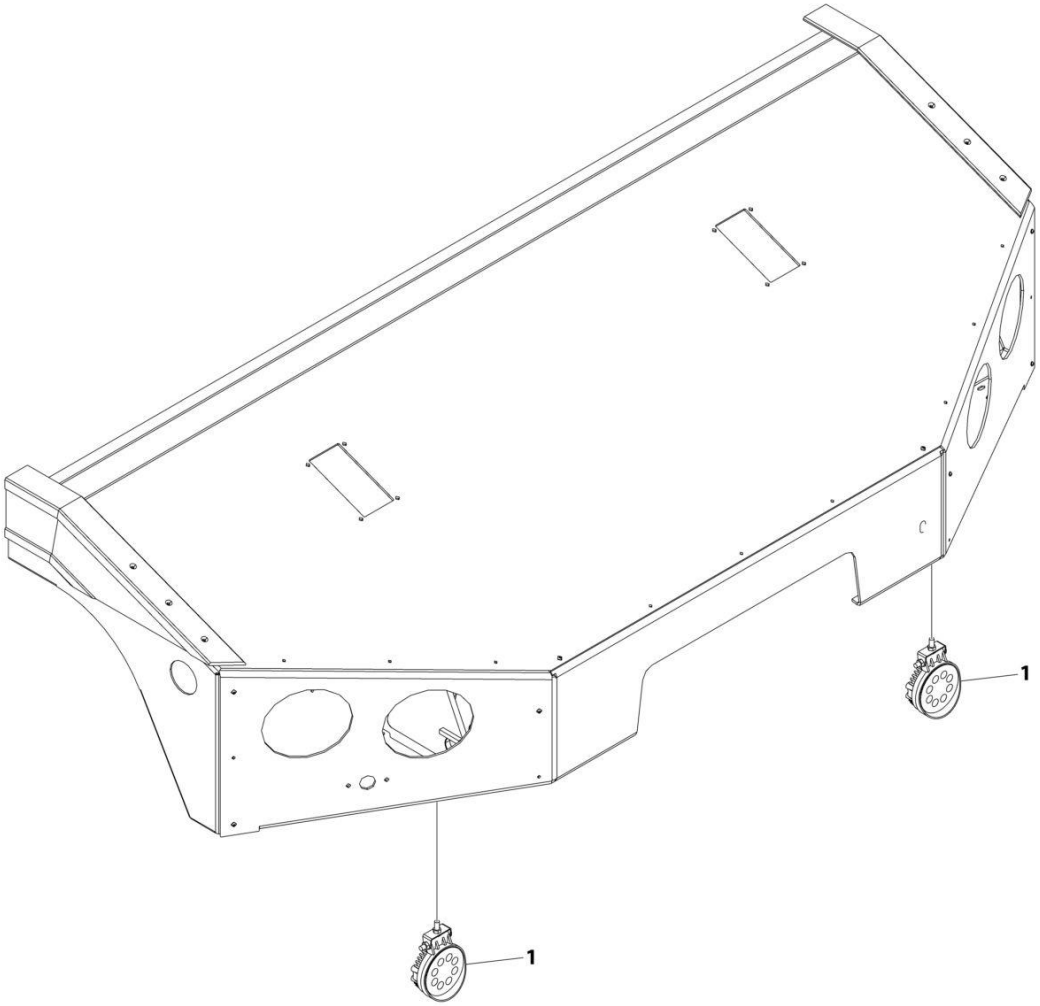


FIGURE 7-41. LIGHTS - WORKLIGHTS INSTALLATION (LOWER HOOK UP MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141919	Ref	LIGHTS - WORKLIGHTS INSTALLATION	C
1	1001273634	2	Lamp	

FIGURE 7-42. LIGHTS - WORKLIGHTS INSTALLATION (PYLON MOUNTED) (RECTANGULAR)

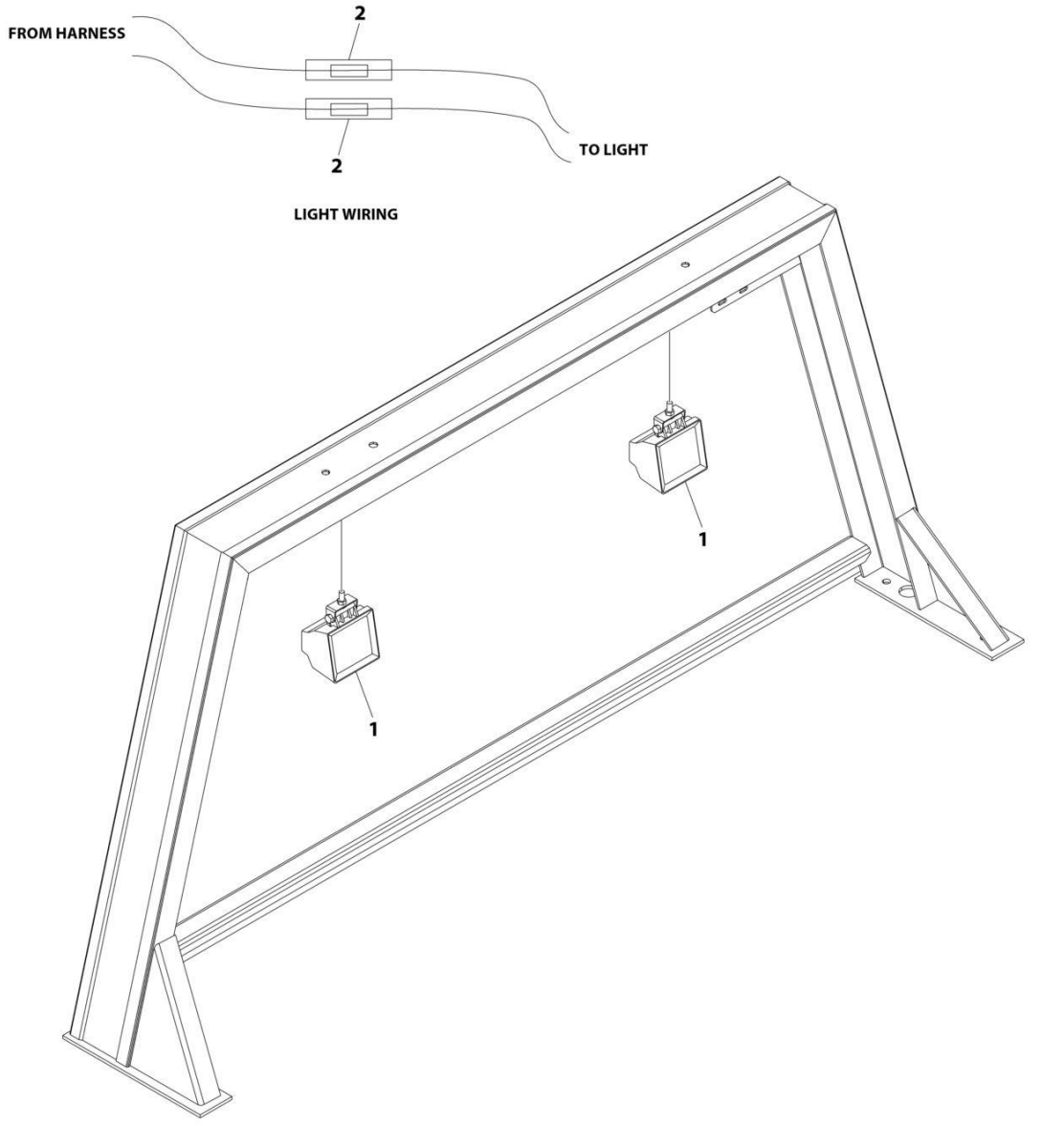


FIGURE 7-42. LIGHTS - WORKLIGHTS INSTALLATION (PYLON MOUNTED) (RECTANGULAR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2590000280	Ref	LIGHTS - WORKLIGHTS INSTALLATION	0
1	7590000268	2	Light, Trapezoidal	
2	4346000005	4	Heat Shrink Tubing	

FIGURE 7-43. LIGHTS - WORKLIGHTS INSTALLATION (PYLON MOUNTED) (ROUND)

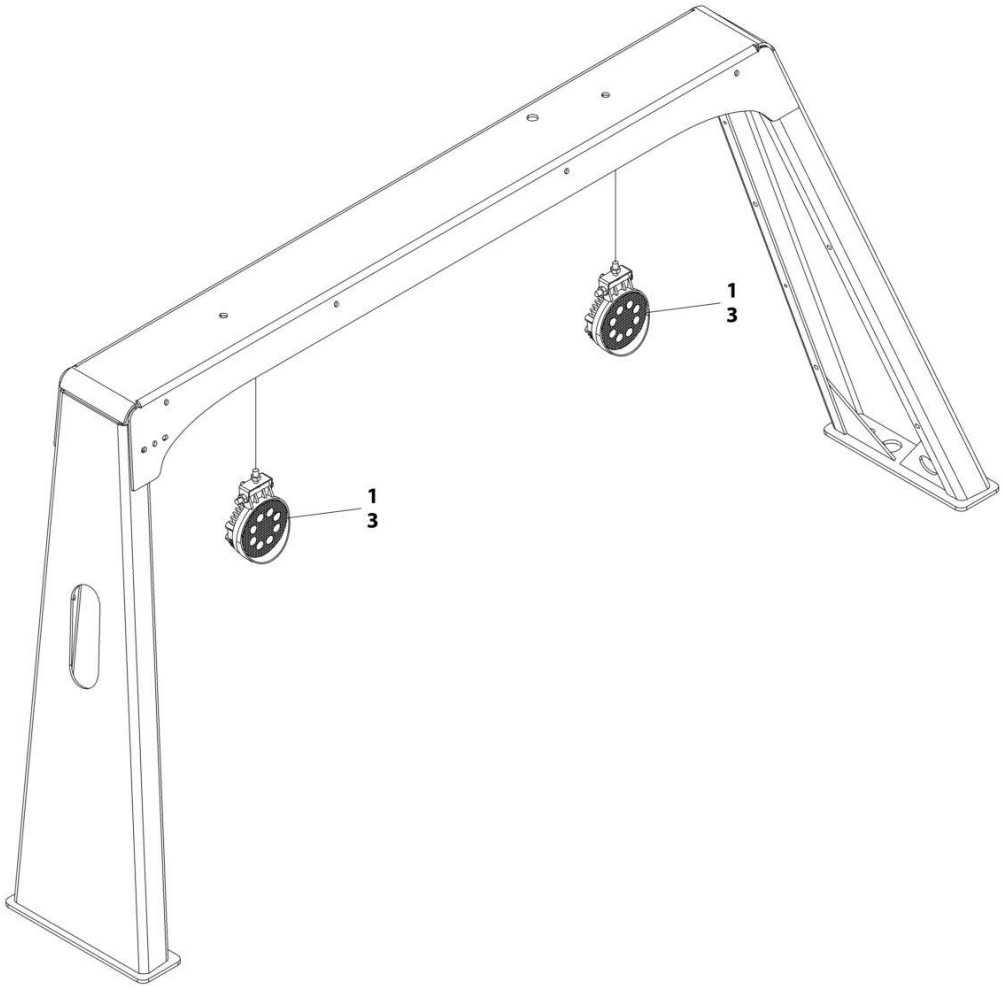


FIGURE 7-43. LIGHTS - WORKLIGHTS INSTALLATION (PYLON MOUNTED) (ROUND)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2590000126	Ref	LIGHT - WORKLIGHT INSTALLATION (PYLON MOUNTED)	D
1	1001176337	2	Lamp **(Prior to SN 0230009717)**	
1	1001273634	2	Lamp **(SN 0230009717 to Present)**	
3	7493000011	2	Grommet	

FIGURE 7-44. LIGHTS INSTALLATION (ALUMINUM BODY - BOTH SIDE TOOLBOXES) (SN 0230002518 through 0230009713)

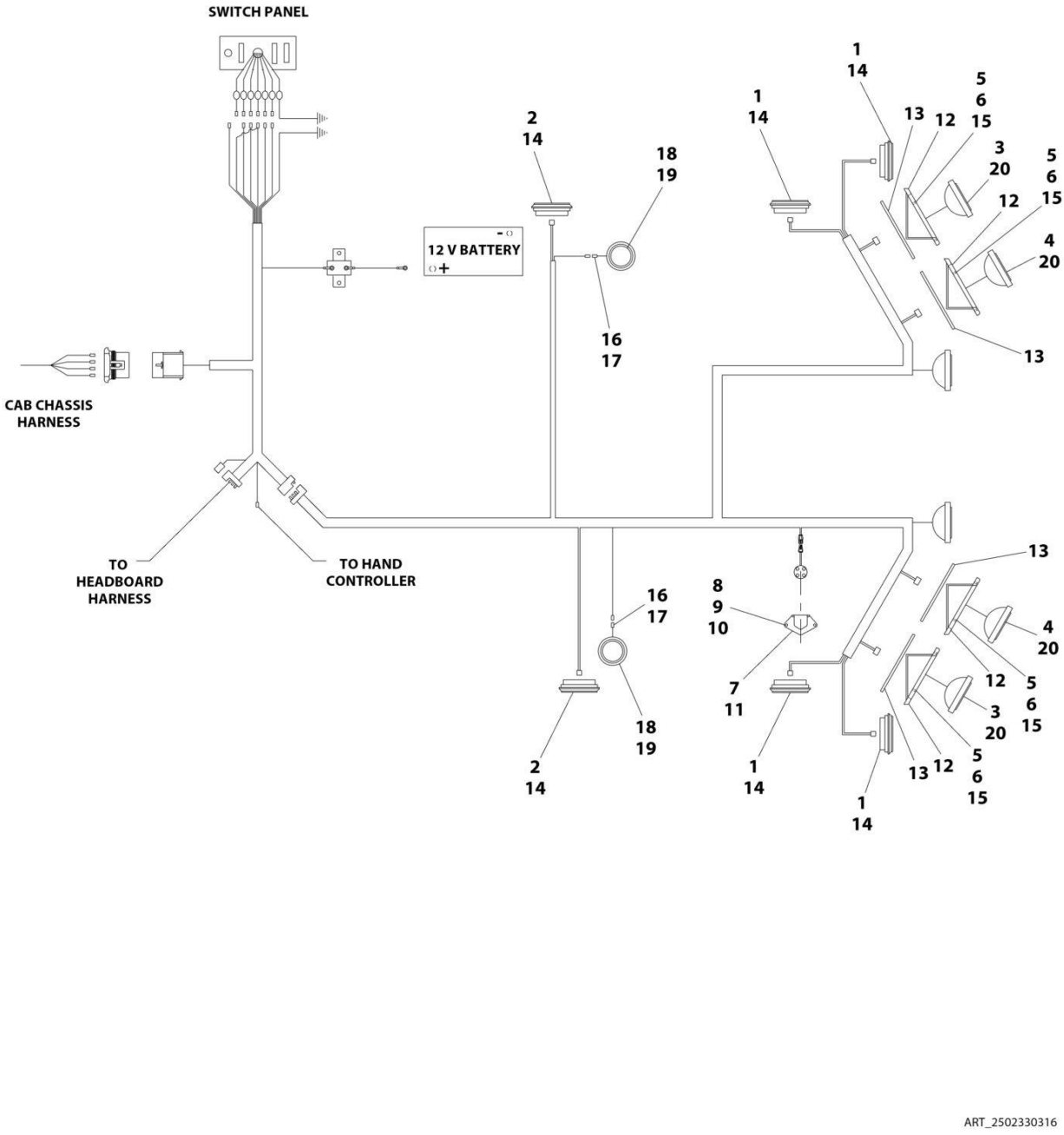


FIGURE 7-44. LIGHTS INSTALLATION (ALUMINUM BODY - BOTH SIDE TOOLBOXES) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502330316	Ref	LIGHTS INSTALLATION	D
1	7590000343	4	Light, Tail (Red)	
2	7590000342	2	Light, Marker (Amber)	
3	7590000241	2	Light, Stop, Turn and Tail (Red)	
4	7590000003	2	Light, Back-up (Clear)	
5	7259000004	4	Housing, Tail Light	
6	7120000072	12	Screw #10 x 1-1/4	
7	7291000010	1	Connector Assembly	
8	7111140613	2	Screw 1/4 x 3/4	
9	7950140000	2	Washer 1/4	
10	7413000002	2	Nut 1/4	
11	7796000048	1	Gasket, Connector	
12	7660102604	12	Nut #10	
13	7796000076	4	Gasket	
14	7493000009	6	Grommet (2.5IN Dia)	
15	7950100153	12	Washer #10	
16	7345001704	2	Terminal	
17	7346000039	AR	Tube	
18	7590000001	2	Light, Interior with Switch	
19	7790060676	6	Screw #6 x 3/8	
20	7493000002	4	Grommet (4IN Dia)	

FIGURE 7-45. LIGHTS INSTALLATION (ALUMINUM BODY - BOTH SIDE TOOLBOXES) (SN 0230009714 to Present)

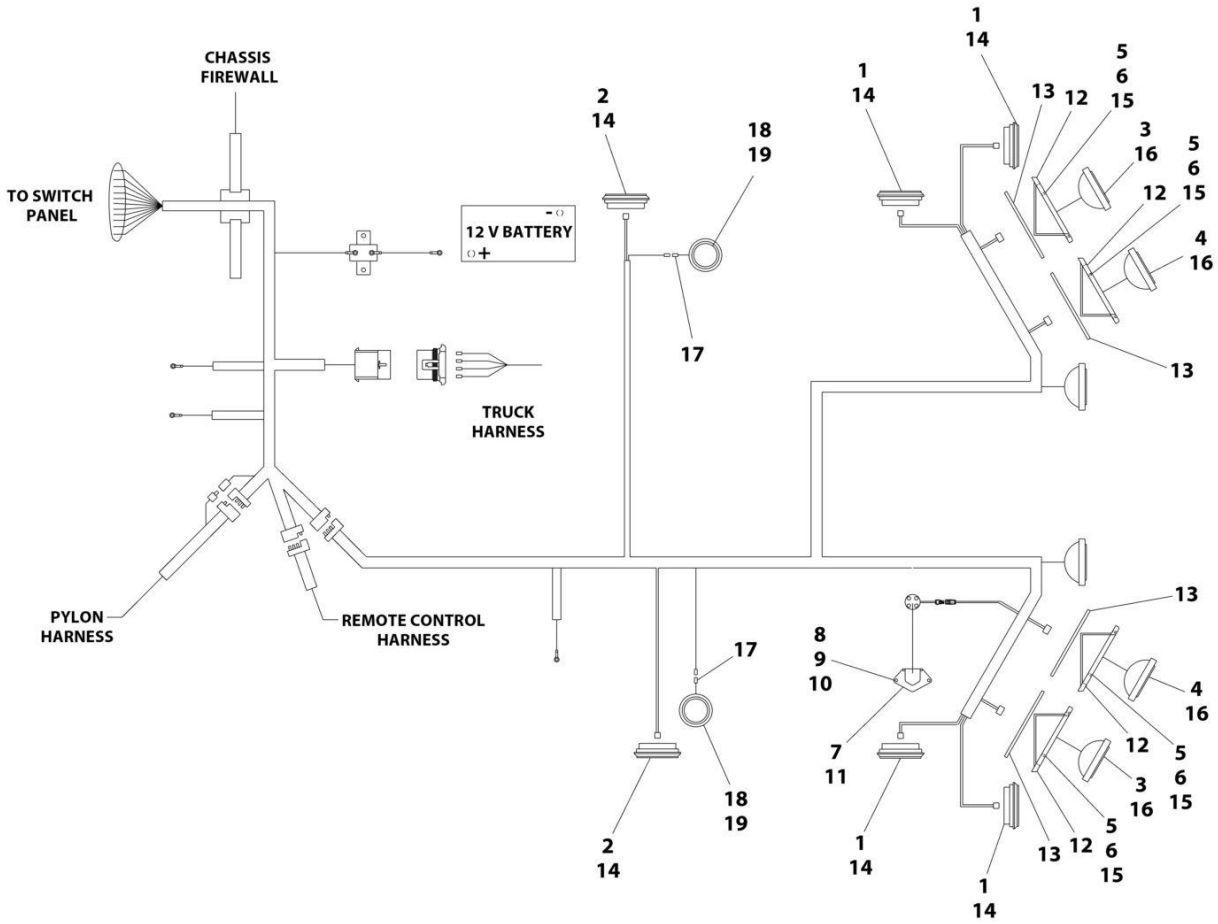


FIGURE 7-45. LIGHTS INSTALLATION (ALUMINUM BODY - BOTH SIDE TOOLBOXES) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266003	Ref	LIGHTS INSTALLATION	A
1	7590000343	4	Light, Tail (Red)	
2	7590000342	2	Light, Marker (Amber)	
3	7590000241	2	Light, Stop, Turn and Tail (Red)	
4	7590000003	2	Light, Back-up (Clear)	
5	7259000004	4	Housing, Tail Light	
6	7120000072	12	Screw #10 x 1-1/4	
7	7291000010	1	Connector Assembly	
8	7111140613	2	Screw 1/4 x 3/4	
9	7950140000	2	Washer 1/4	
10	7413000002	2	Nut 1/4	
11	7796000048	1	Gasket, Connector	
12	7660102604	12	Nut #10	
13	7796000076	4	Gasket	
14	7493000009	6	Grommet (2.5IN Dia)	
15	7950100153	12	Washer #10	
16	7493000002	4	Grommet (4IN Dia)	
17	7346000039	AR	Tube	
18	7590000001	2	Light, Interior with Switch	
19	7790060676	6	Screw #6 x 3/8	

FIGURE 7-46. LIGHTS INSTALLATION (ALUMINUM BODY - DRIVER SIDE TOOLBOX ONLY) (SN 0230002518 through 0230009713)

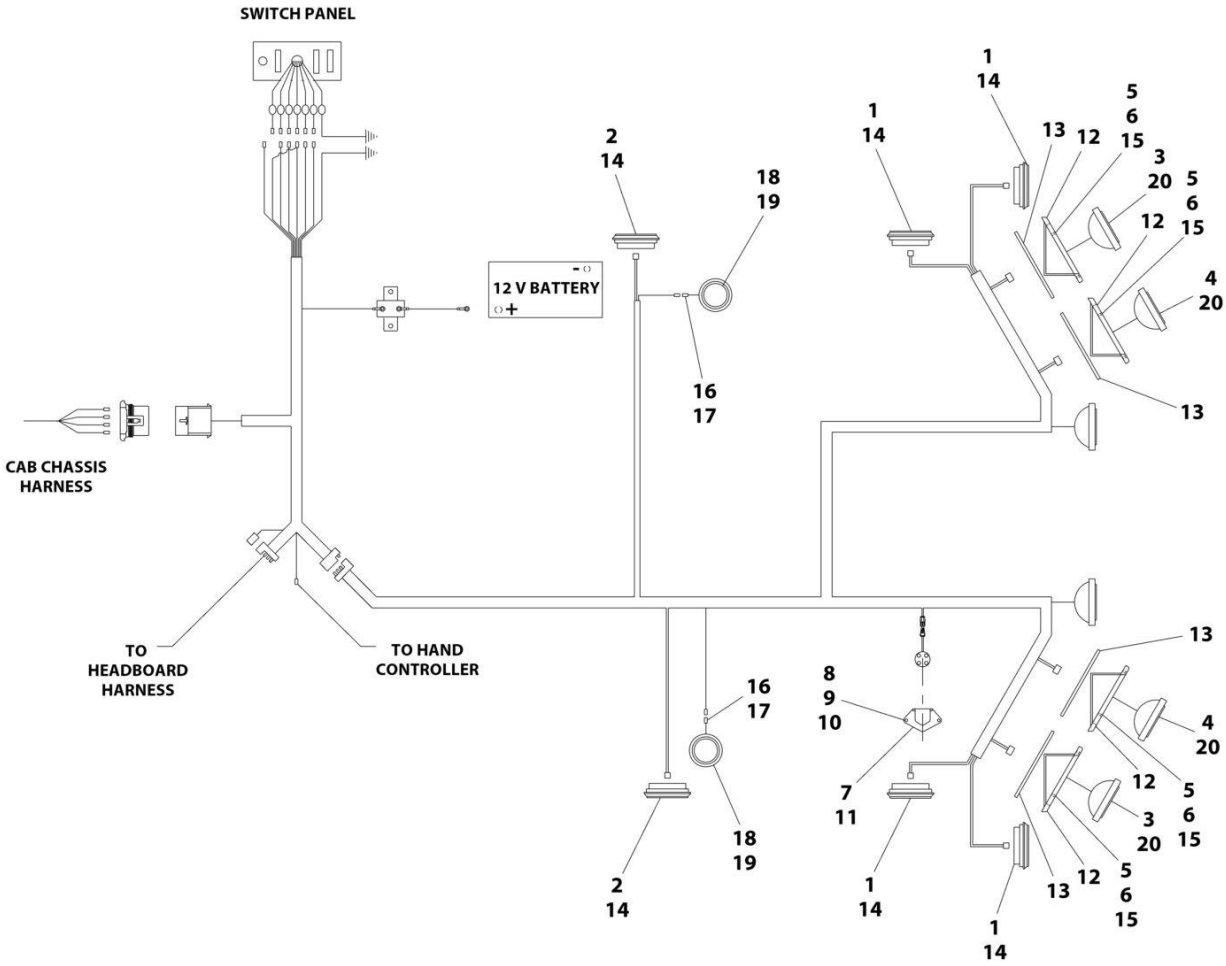


FIGURE 7-46. LIGHTS INSTALLATION (ALUMINUM BODY - DRIVER SIDE TOOLBOX ONLY) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502330315	Ref	LIGHTS INSTALLATION	D
1	7590000343	4	Light, Tail (Red)	
2	7590000342	2	Light, Marker (Amber)	
3	7590000241	2	Light, Stop, Turn and Tail (Red)	
4	7590000003	2	Light, Back-up (Clear)	
5	7259000004	4	Housing, Tail Light	
6	7120000072	12	Screw #10 x 1-1/4	
7	7291000010	1	Connector Assembly	
8	7111140613	2	Screw 1/4 x 3/4	
9	7950140000	2	Washer 1/4	
10	7413000002	2	Nut 1/4	
11	7796000048	1	Gasket, Connector	
12	7660102604	12	Nut #10	
13	7796000076	4	Gasket	
14	7493000009	6	Grommet (2.5IN Dia)	
15	7950100153	12	Washer #10	
16	7345001704	1	Terminal	
17	7346000039	AR	Tube	
18	7590000001	1	Light, Interior with Switch	
19	7790060676	3	Screw #6 x 3/8	
20	7493000002	4	Grommet (4IN Dia)	

FIGURE 7-47. LIGHTS INSTALLATION (ALUMINUM BODY - DRIVER SIDE TOOLBOX ONLY) (SN 0230009714 to Present)

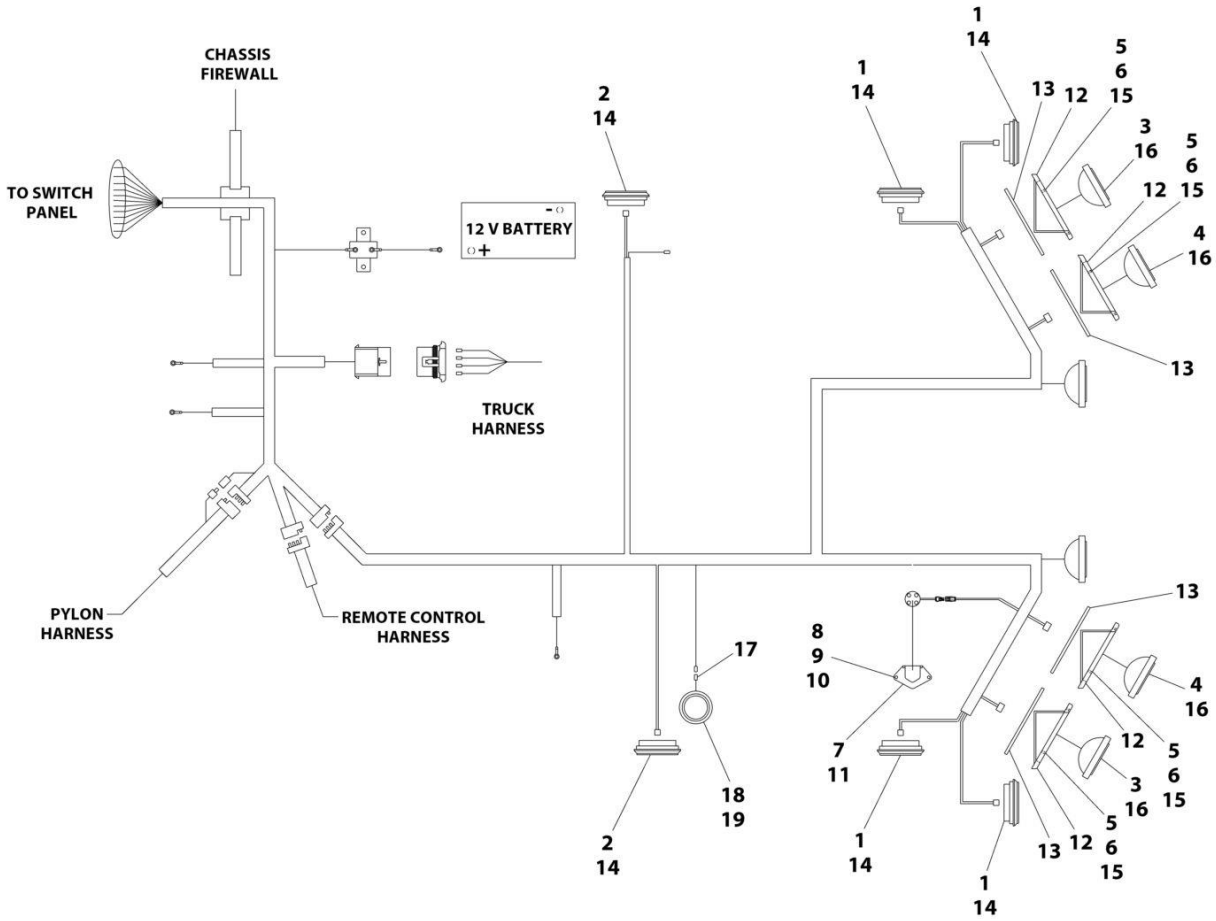


FIGURE 7-47. LIGHTS INSTALLATION (ALUMINUM BODY - DRIVER SIDE TOOLBOX ONLY) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266002	Ref	LIGHTS INSTALLATION	A
1	7590000343	4	Light, Tail (Red)	
2	7590000342	2	Light, Marker (Amber)	
3	7590000241	2	Light, Stop, Turn and Tail (Red)	
4	7590000003	2	Light, Back-up (Clear)	
5	7259000004	4	Housing, Tail Light	
6	7120000072	12	Screw #10 x 1-1/4	
7	7291000010	1	Connector Assembly	
8	7111140613	2	Screw 1/4 x 3/4	
9	7950140000	2	Washer 1/4	
10	7413000002	2	Nut 1/4	
11	7796000048	1	Gasket, Connector	
12	7660102604	12	Nut #10	
13	7796000076	4	Gasket	
14	7493000009	6	Grommet (2.5IN Dia)	
15	7950100153	12	Washer #10	
16	7493000002	4	Grommet (4IN Dia)	
17	7346000039	AR	Tube	
18	7590000001	1	Light, Interior with Switch	
19	7790060676	3	Screw #6 x 3/8	

FIGURE 7-48. LIGHTS INSTALLATION (ALUMINUM BODY - NO TOOLBOXES)

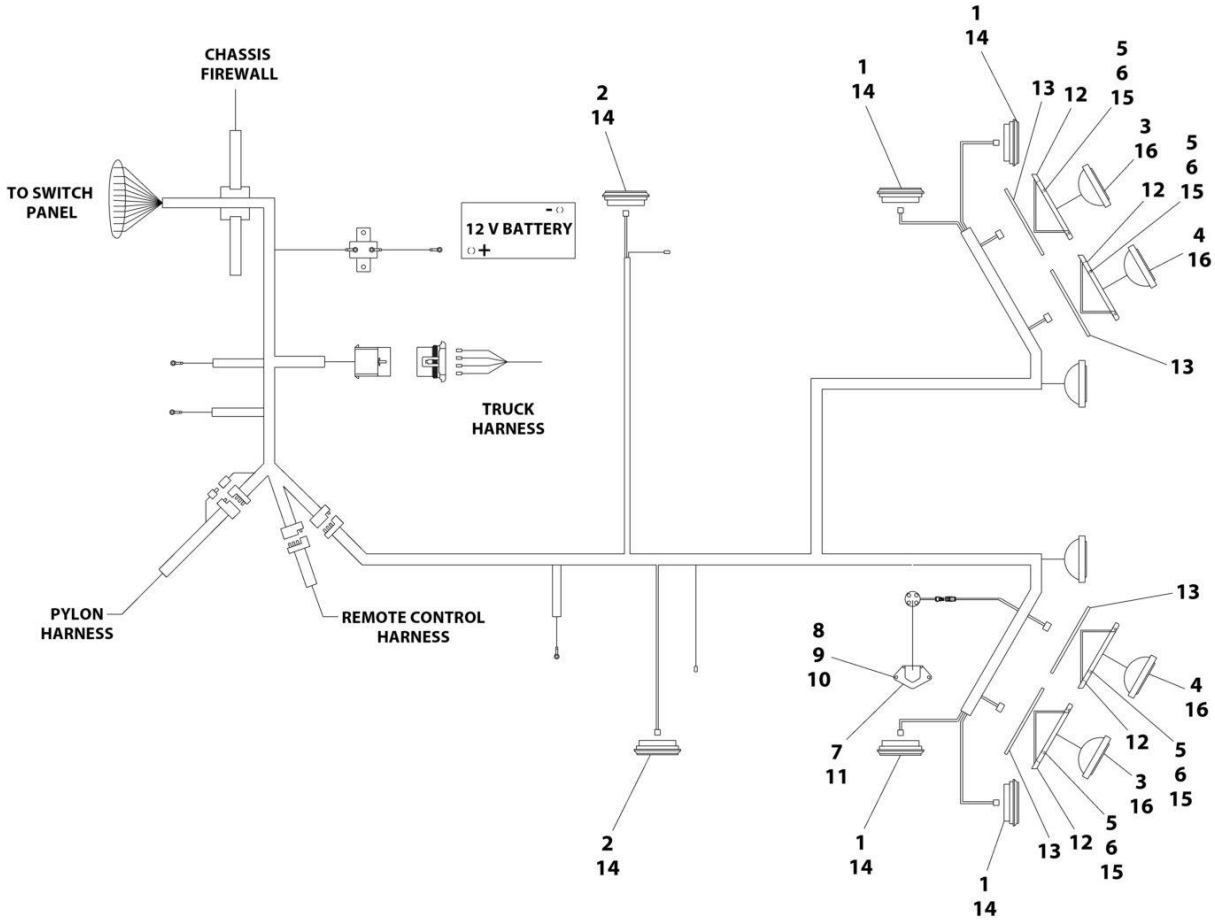


FIGURE 7-48. LIGHTS INSTALLATION (ALUMINUM BODY - NO TOOLBOXES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266004	Ref	LIGHTS INSTALLATION	A
1	7590000343	4	Light, Tail (Red)	
2	7590000342	2	Light, Marker (Amber)	
3	7590000241	2	Light, Stop, Turn and Tail (Red)	
4	7590000003	2	Light, Back-up (Clear)	
5	7259000004	4	Housing, Tail Light	
6	7120000072	12	Screw #10 x 1-1/4	
7	7291000010	1	Connector Assembly	
8	7111140613	2	Screw 1/4 x 3/4	
9	7950140000	2	Washer 1/4	
10	7413000002	2	Nut 1/4	
11	7796000048	1	Gasket, Connector	
12	7660102604	12	Nut #10	
13	7796000076	4	Gasket	
14	7493000009	6	Grommet (2.5IN Dia)	
15	7950100153	12	Washer #10	
16	7493000002	4	Grommet (4IN Dia)	

FIGURE 7-49. LIGHTS INSTALLATION (STEEL BODY)

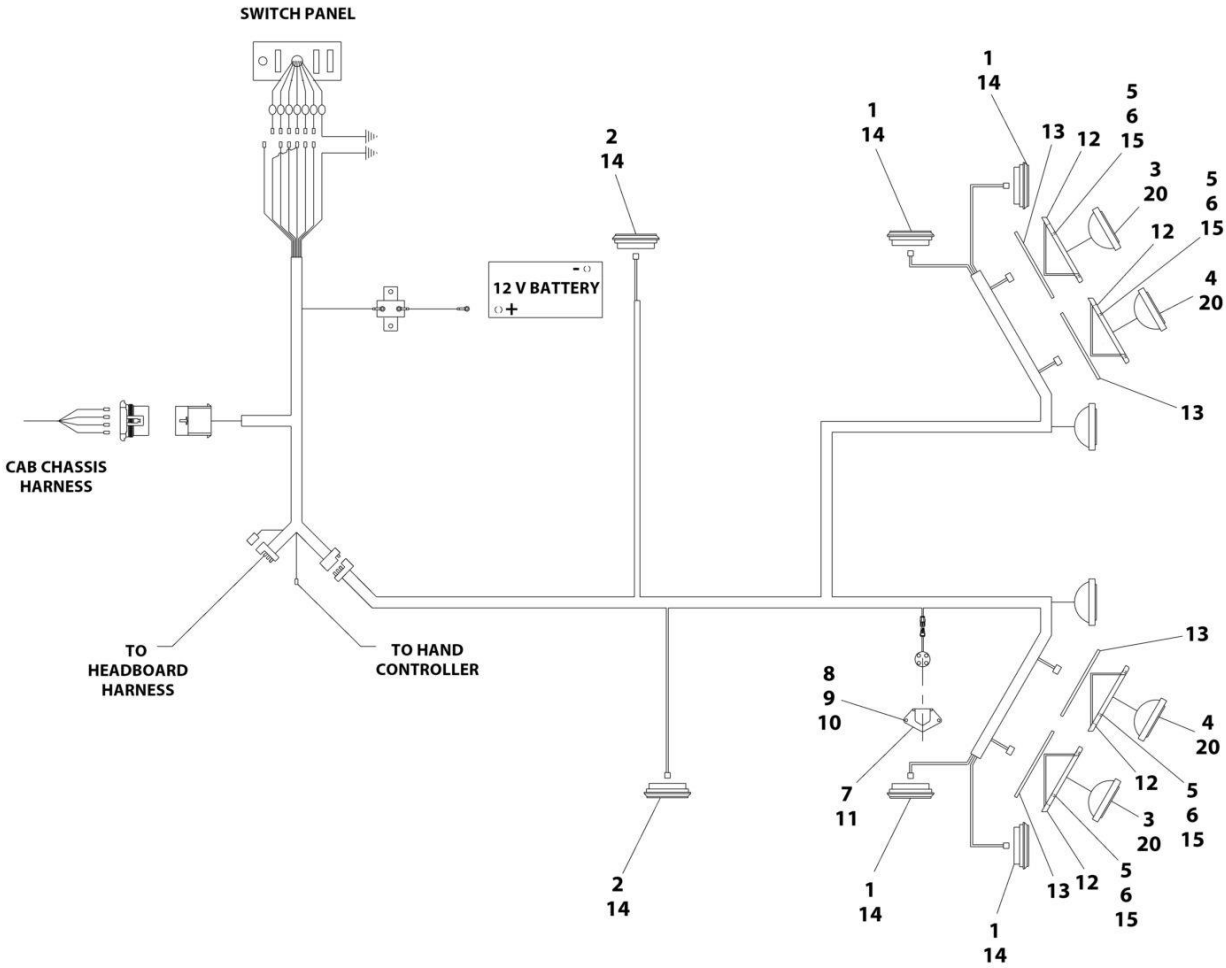


FIGURE 7-49. LIGHTS INSTALLATION (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502330317	Ref	LIGHTS INSTALLATION	D
1	7590000343	4	Light, Tail (Red)	
2	7590000342	2	Light, Marker (Amber)	
3	7590000241	2	Light, Stop, Turn and Tail (Red)	
4	7590000003	2	Light, Back-up (Clear)	
5	7259000004	4	Housing, Tail Light	
6	7120000072	12	Screw #10 x 1-1/4	
7	7291000010	1	Connector Assembly	
8	7111140613	2	Screw 1/4 x 3/4	
9	7950140000	2	Washer 1/4	
10	7413000002	2	Nut 1/4	
11	7796000048	1	Gasket, Connector	
12	7660102604	12	Nut #10	
13	7796000076	4	Gasket	
14	7493000009	6	Grommet (2.5IN Dia)	
15	7950100153	12	Washer #10	
20	7493000002	4	Grommet (4IN Dia)	

FIGURE 7-50. PTO ELECTRICAL ASSEMBLY - FORD PTO

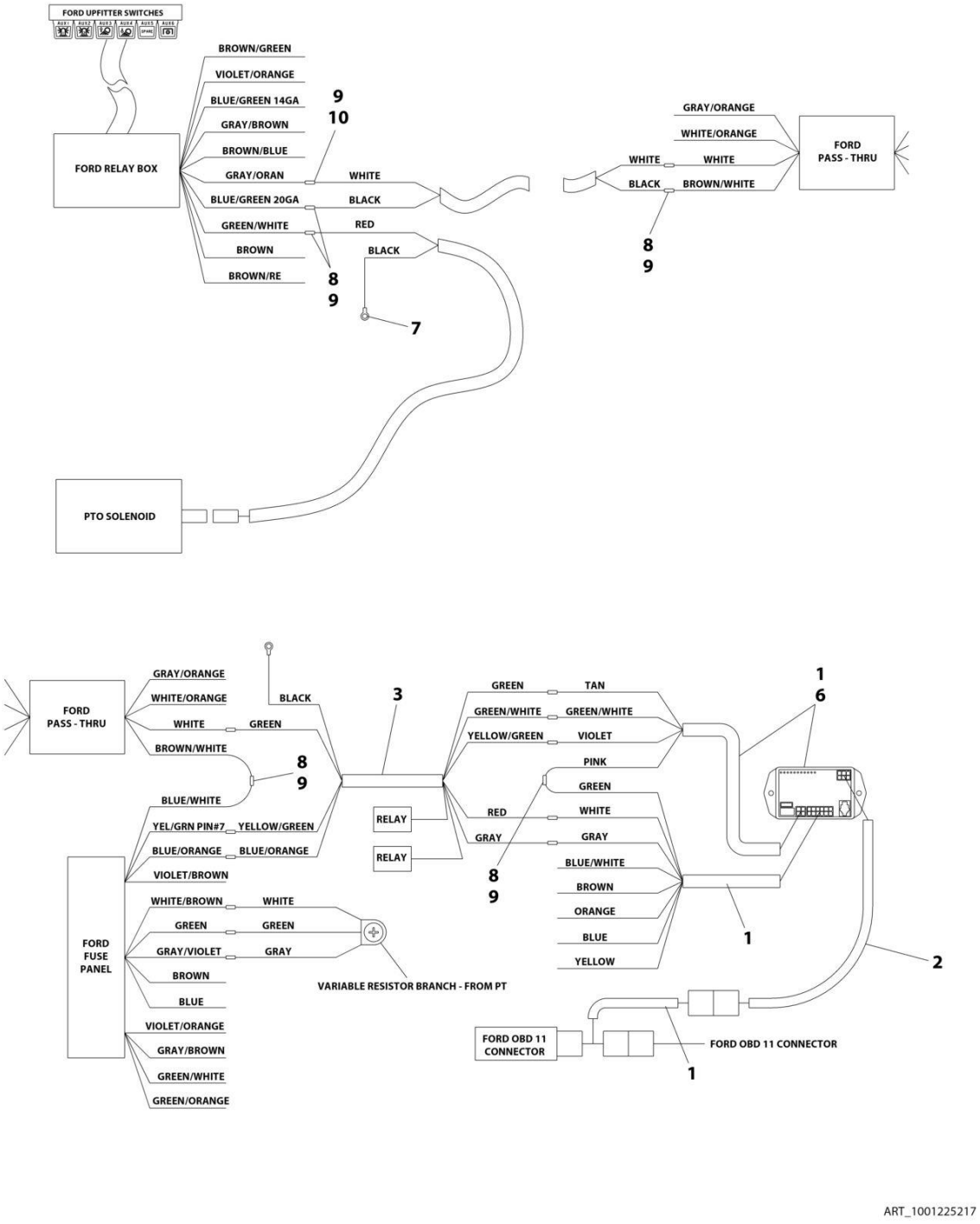


FIGURE 7-50. PTO ELECTRICAL ASSEMBLY - FORD PTO

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)	

FIGURE 7-51. REMOTE CONTROL HARNESS

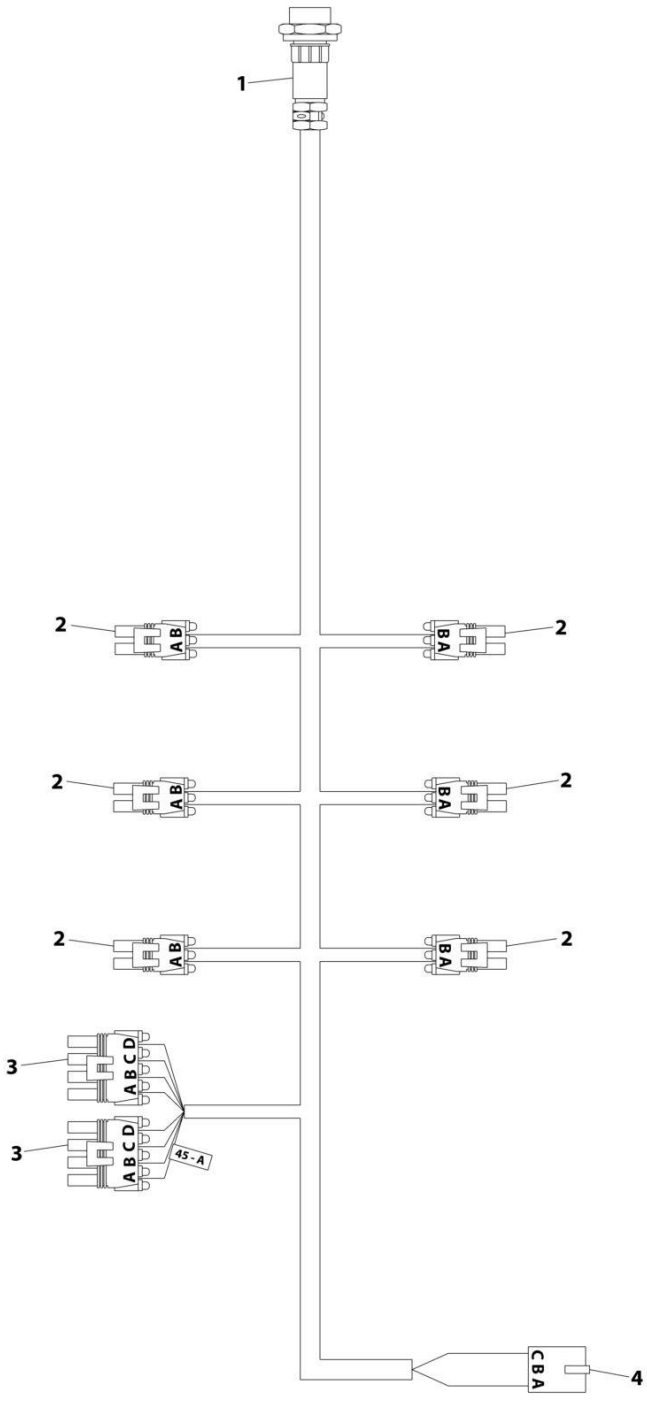


FIGURE 7-51. REMOTE CONTROL HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000329	Ref	REMOTE CONTROL HARNESS	1
1	NPN	1	Connector - 8 Position	
1	NPN	8	Terminal	
1	NPN	1	Connector, Strain Relief	
2	4460955	6	Plug, Male - 2 Position	
2	4460842	12	Terminal	
3	7346000129	2	Plug, Male - 4 Position	
3	4460457	8	Socket, Female	
4	NPN	1	Connector - 3 Position	
4	4460475	3	Pin, Male	
4	4460458	3	Seal	

FIGURE 7-52. REMOTE CONTROL HARNESS (IN CAB)

ART_7552000286

FIGURE 7-52. REMOTE CONTROL HARNESS (IN CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000286	Ref	REMOTE CONTROL HARNESS (IN CAB)	3
1	NPN	1	Connector - 8 Position	
1	NPN	8	Terminal	
1	NPN	1	Connector, Strain Relief	
2	7346000130	2	Receptacle, Female - 4 Position	
2	4460475	8	Pin, Male	
2	4460458	8	Seal	

FIGURE 7-53. SWITCH PANEL INSTALLATION - 2 FUNCTION (SN 0230002518 through 0230009713)

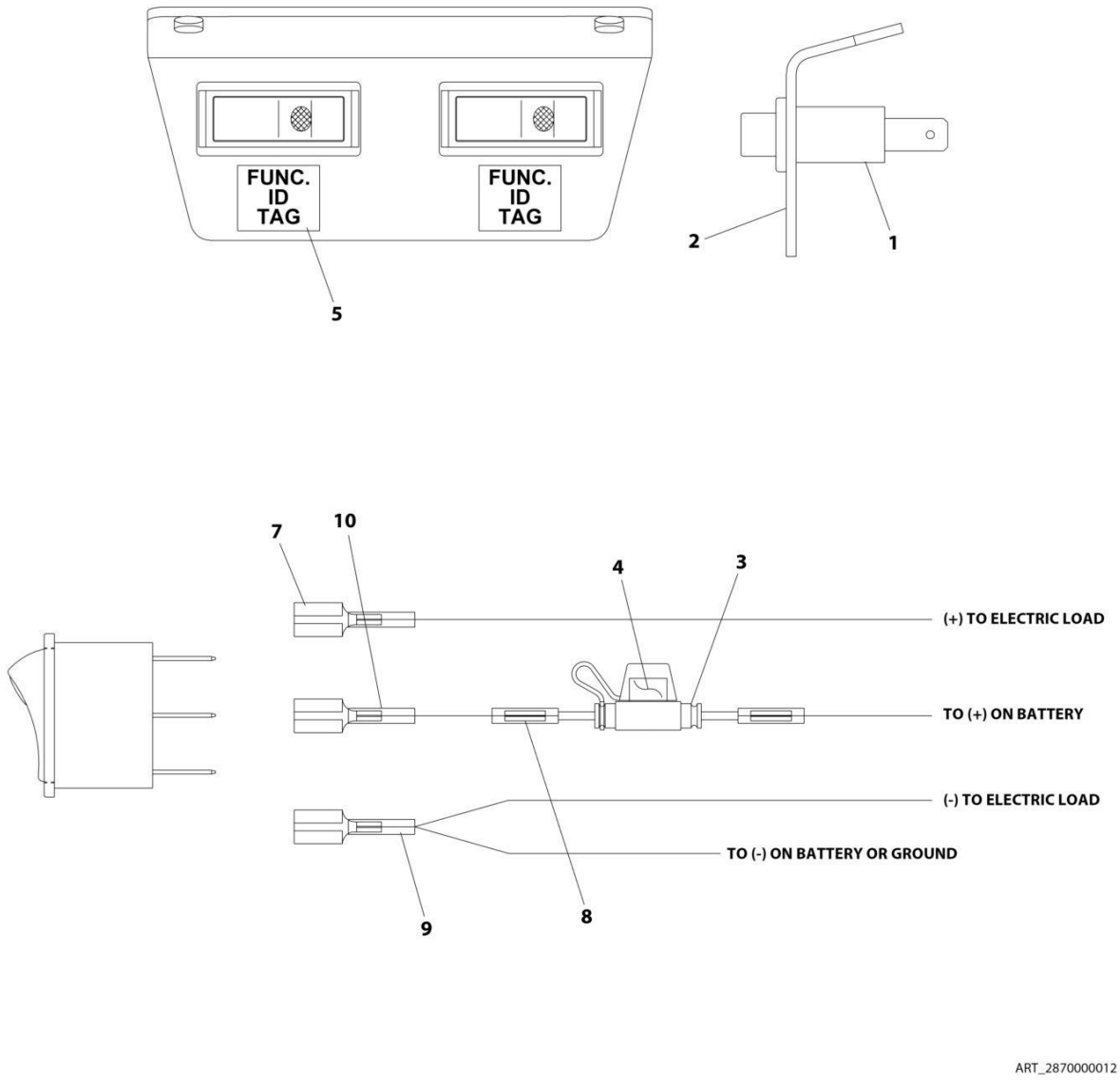
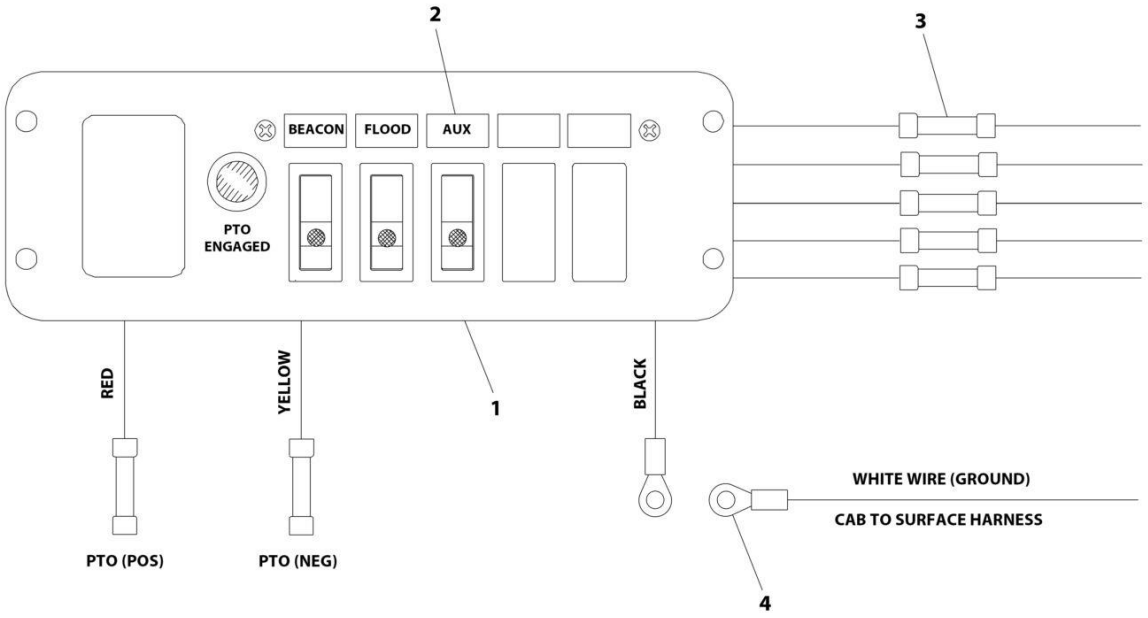


FIGURE 7-53. SWITCH PANEL INSTALLATION - 2 FUNCTION (SN 0230002518 through 0230009713)

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

FIGURE 7-54. SWITCH PANEL INSTALLATION - 3 FUNCTION (IN DASH COMPACT)

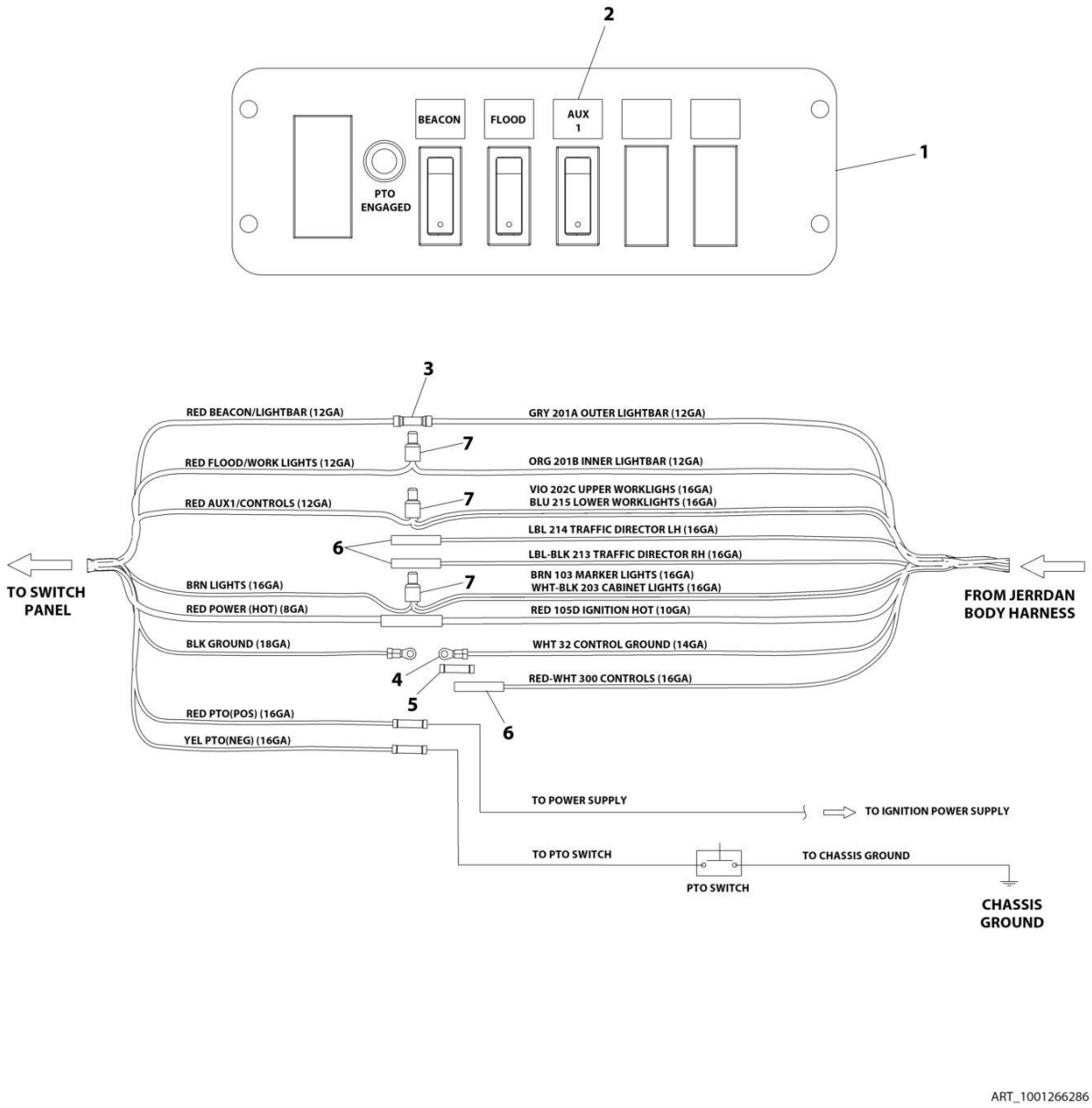


ART_1001135700

FIGURE 7-54. SWITCH PANEL INSTALLATION - 3 FUNCTION (IN DASH COMPACT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135700	Ref	3 Function In-Dash Compact Installation	B
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)	

FIGURE 7-55. SWITCH PANEL INSTALLATION - 3 FUNCTION (IN DASH COMPACT



ART_1001266286

FIGURE 7-55. SWITCH PANEL INSTALLATION - 3 FUNCTION (IN DASH COMPACT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266286	Ref	SWITCH PANEL INSTALLATION - 3 FUNCTION (IN DASH COMPACT)	A
1	7870000100	1	Switch Panel	
2	7330000288	1	Decal	
3	4460018	1	Terminal	
4	4460042	1	Terminal	
5	4460035	1	Terminal	
6	4346000005	3	Heat Shrink	
7	7346000242	3	Connector	

FIGURE 7-56. SWITCH PANEL INSTALLATION - 3 FUNCTION (CVC 2019+) (SN 0230002518 through 0230009713)

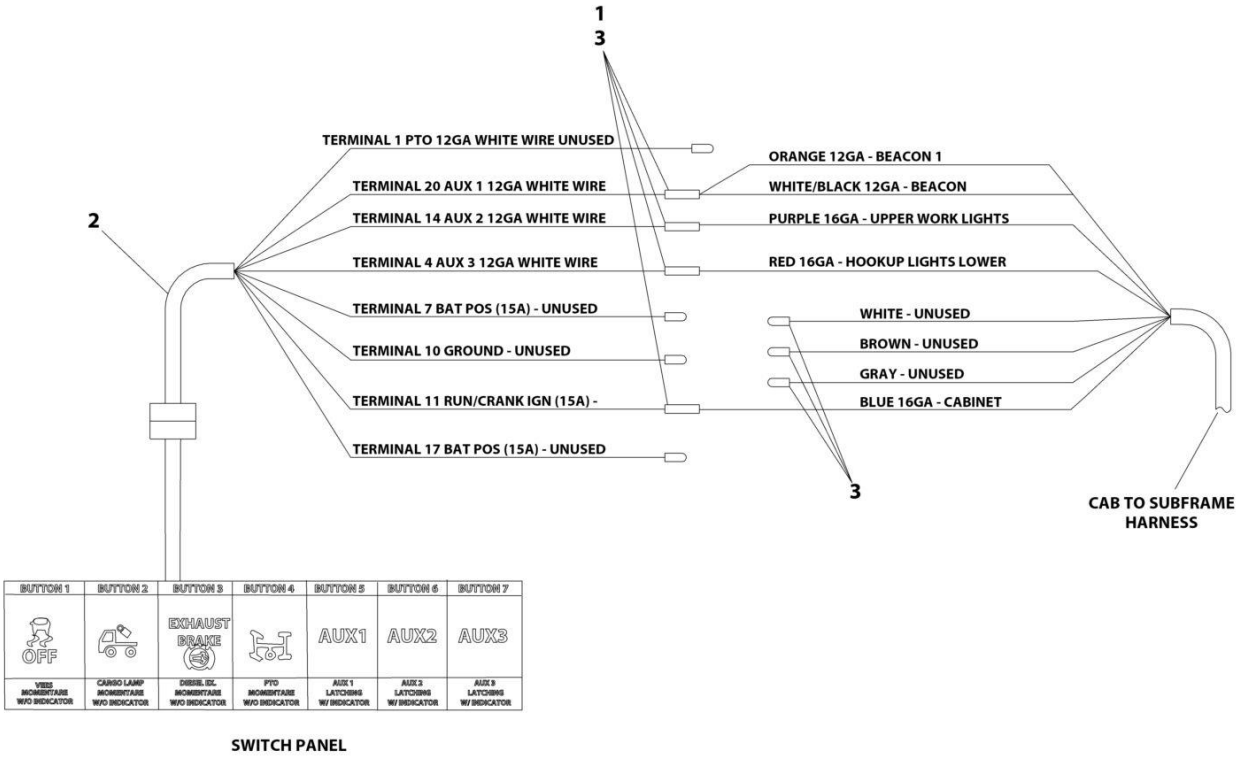


FIGURE 7-56. SWITCH PANEL INSTALLATION - 3 FUNCTION (CVC 2019+) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255523	Ref	SWITCH PANEL INSTALLATION - 3 FUNCTION (CVC 2019+)	C
1	7345001914	4	Terminal	
2	1001254044	1	Harness	
3	7346000039	AR	Tubing	

FIGURE 7-57. SWITCH PANEL INSTALLATION - 3 FUNCTION (CVC 2019+) (SN 0230009714 to Present)

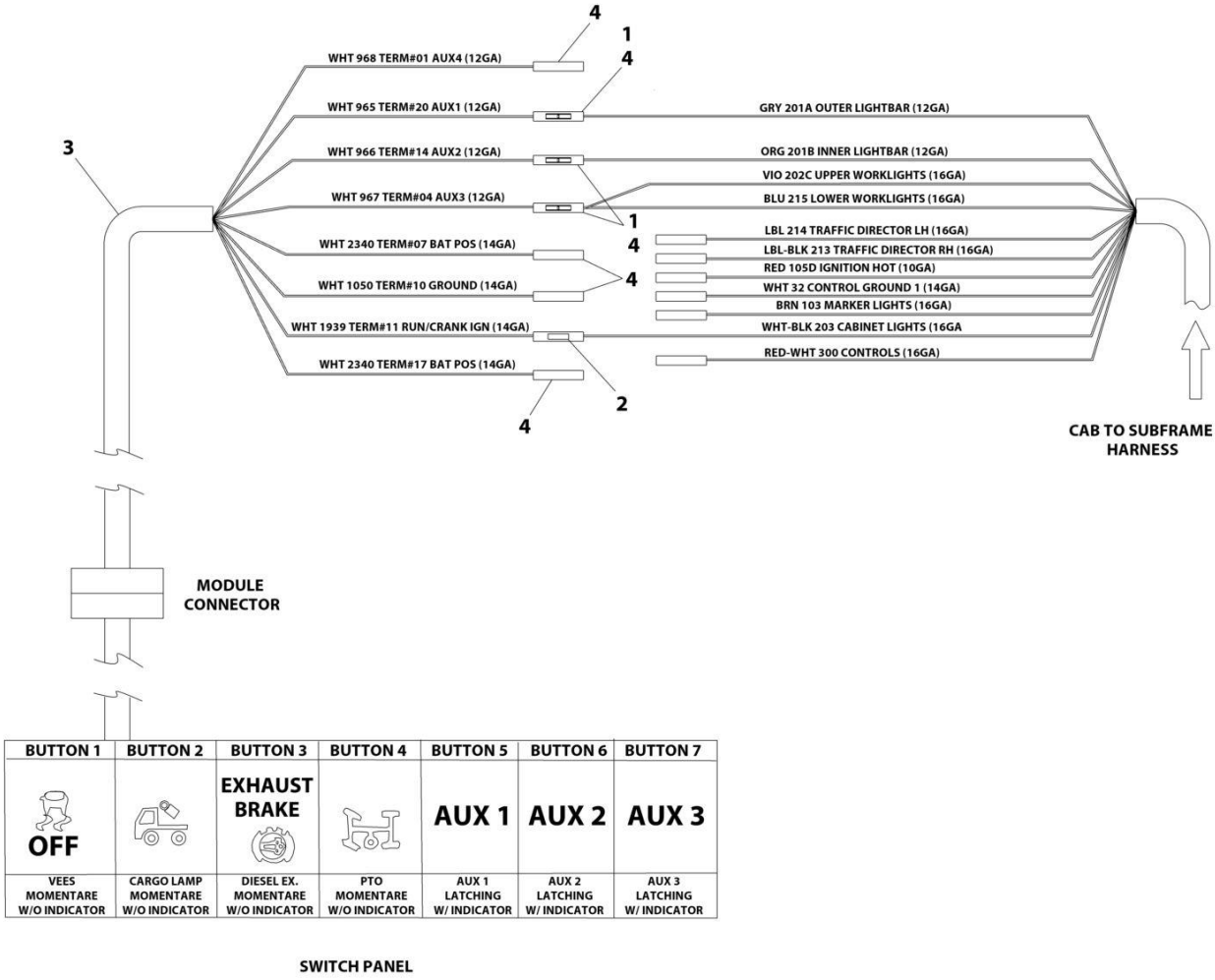
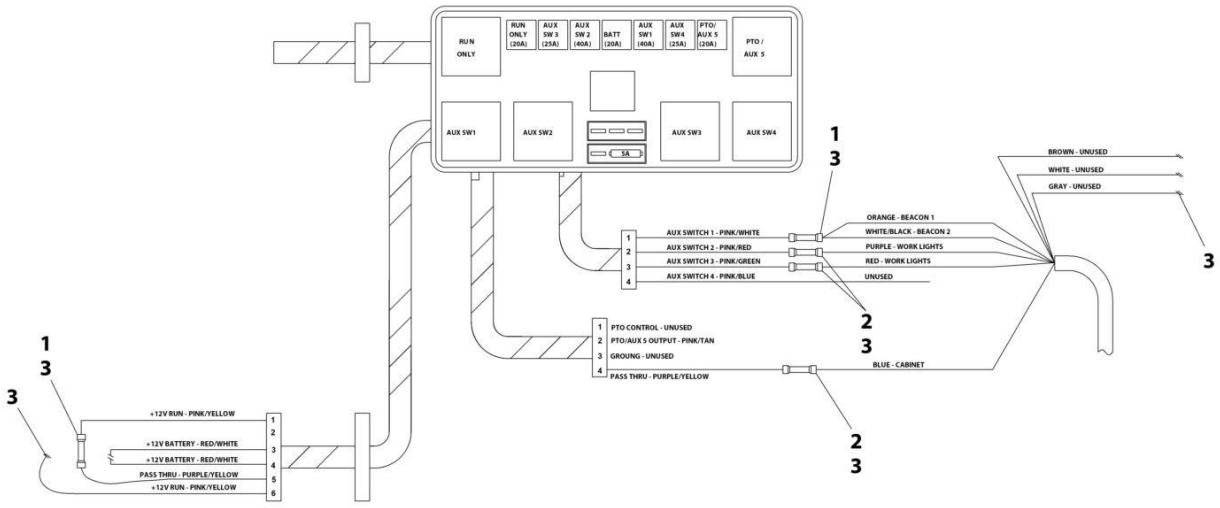


FIGURE 7-57. SWITCH PANEL INSTALLATION - 3 FUNCTION (CVC 2019+) (SN 0230009714 to Present)

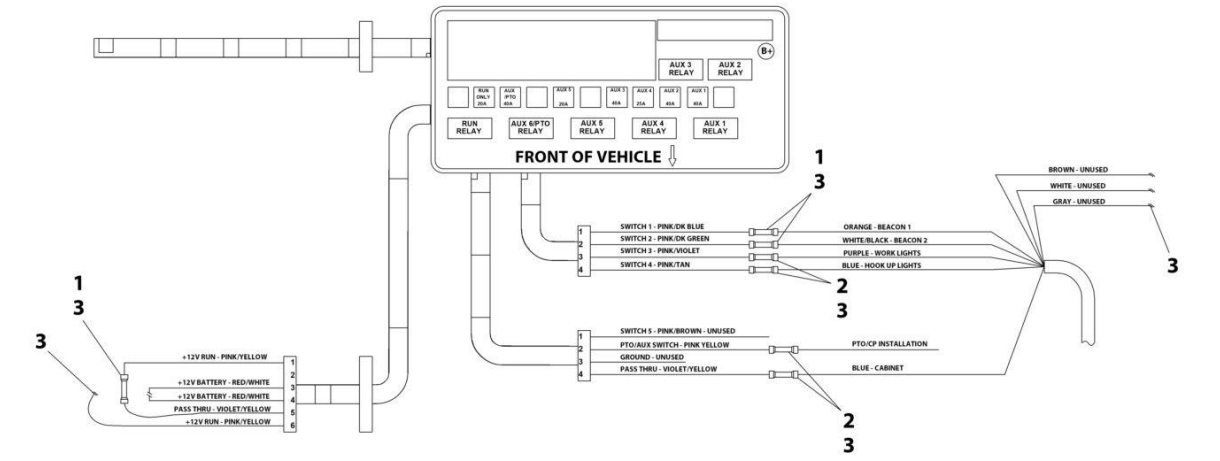
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267980	Ref	SWITCH PANEL INSTALLATION - 3 FUNCTION (CVC 2019+)	A
1	7345001914	3	Terminal	
2	7345001714	1	Terminal	
3	1001254044	1	Harness	
4	4346000005	10	Heat Shrink, Tubing	

FIGURE 7-58. SWITCH PANEL INSTALLATION - 3 FUNCTION (DODGE 2013+) (SN 0230002518 through 0230009713)

MODEL YEARS 2013-2018



MODEL YEARS 2019+



ART_1001170649

FIGURE 7-58. SWITCH PANEL INSTALLATION - 3 FUNCTION (DODGE 2013+) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170649	Ref	SWITCH PANEL INSTALLATION - 3 FUNCTION (DODGE 2013+)	C
1	7345001914	3	Terminal	
2	7345001714	4	Terminal	
3	7346000039	AR	Tubing	

FIGURE 7-59. SWITCH PANEL INSTALLATION - 3 FUNCTION (DODGE 2013+)

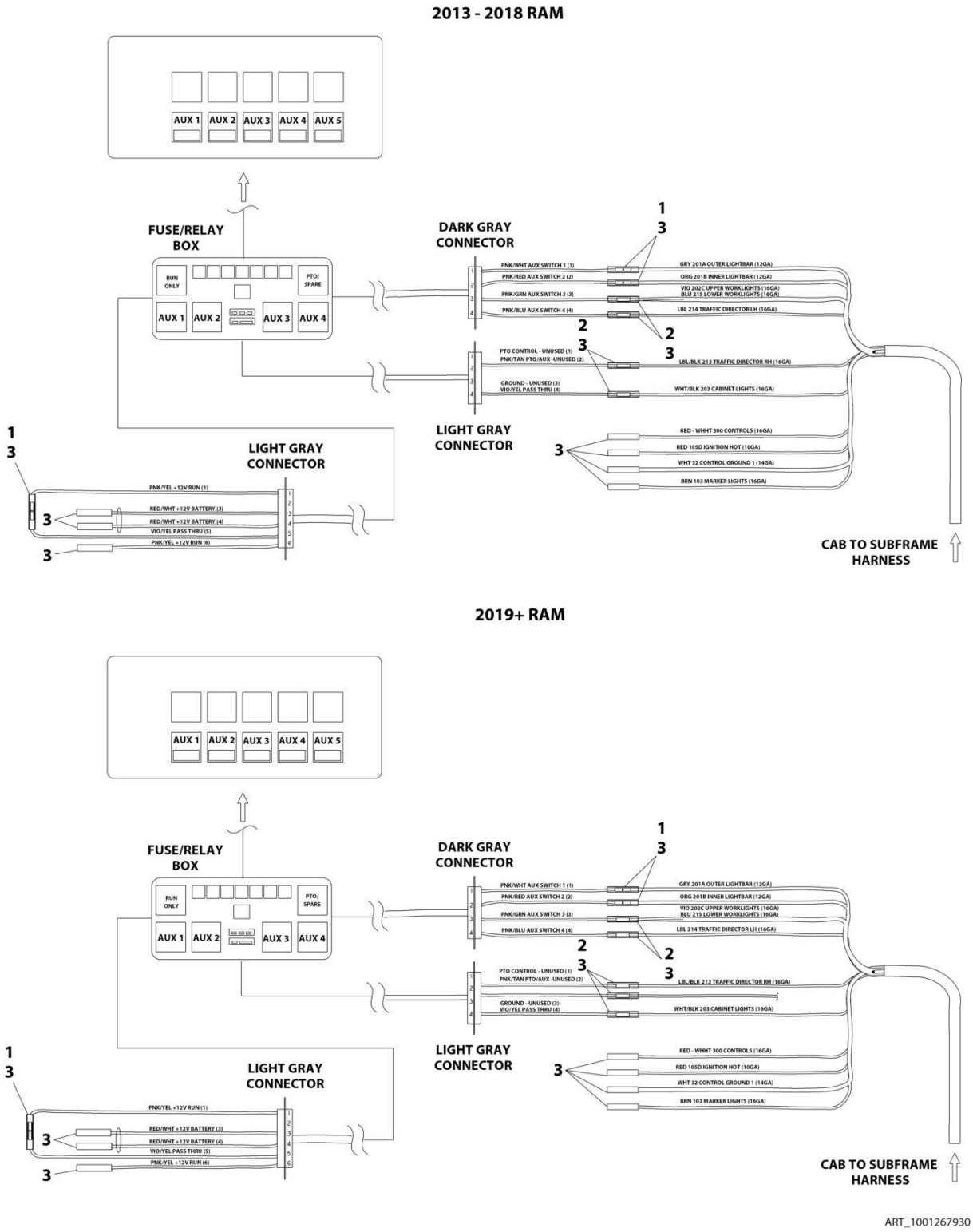


FIGURE 7-59. SWITCH PANEL INSTALLATION - 3 FUNCTION (DODGE 2013+)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267930	Ref	SWITCH PANEL INSTALLATION - 3 FUNCTION (DODGE 2013+)	A
1	7345001914	3	Terminal	
2	7345001714	5	Terminal	
3	4346000005	15	Heat Shrink Tubing	

FIGURE 7-60. SWITCH PANEL INSTALLATION - 3 FUNCTION (UNDER DASH COMPACT) (SN 0230002518 through 0230009713)

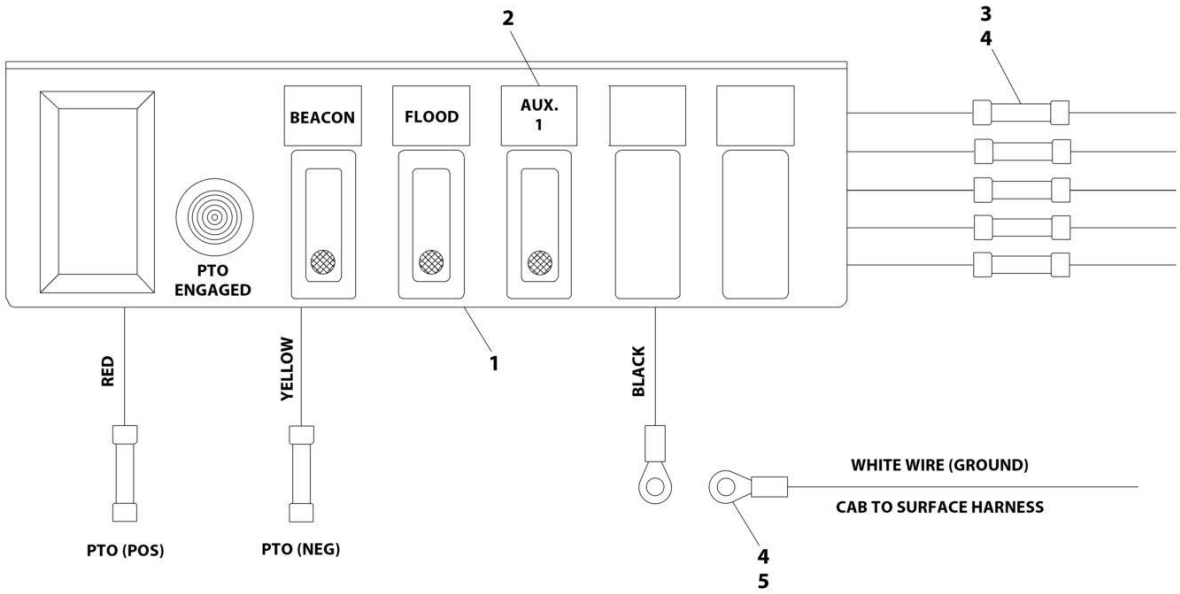


FIGURE 7-60. SWITCH PANEL INSTALLATION - 3 FUNCTION (UNDER DASH COMPACT) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135756	1	3 Function Under-Dash Compact Assembly	B
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)	

FIGURE 7-61. SWITCH PANEL INSTALLATION – 3/4 FUNCTION (3 UNDER/4 IN DASH COMPACT)

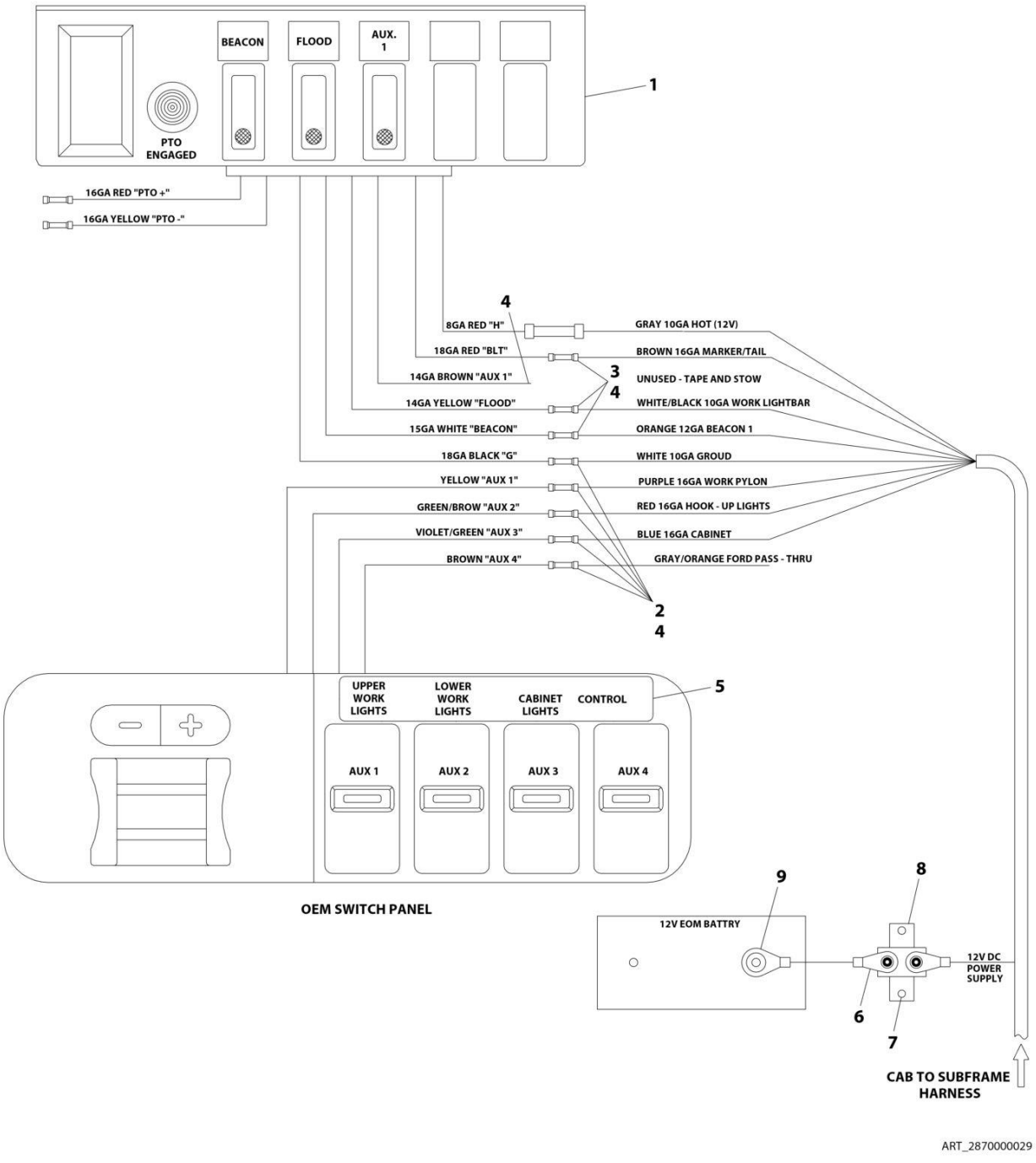


FIGURE 7-61. SWITCH PANEL INSTALLATION – 3/4 FUNCTION (3 UNDER/4 IN DASH COMPACT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2870000029	Ref	SWITCH PANEL INSTALLATION - 3/4 FUNCTION	B
1	7870000134	1	Switch Panel	
2	7345001714	5	Terminal	
3	7345001914	3	Terminal	
4	7346000039	AR	Tubing	
5	7330000871	1	Decal	
6	7950100151	1	Washer	
7	7790100856	2	Screw #10 x 1/2	
8	7457000004	1	Breaker 50Amp	
9	1001129882	1	Harness	

FIGURE 7-62. SWITCH PANEL INSTALLATION – 4 FUNCTION (SN 0230002518 through 0230009713)

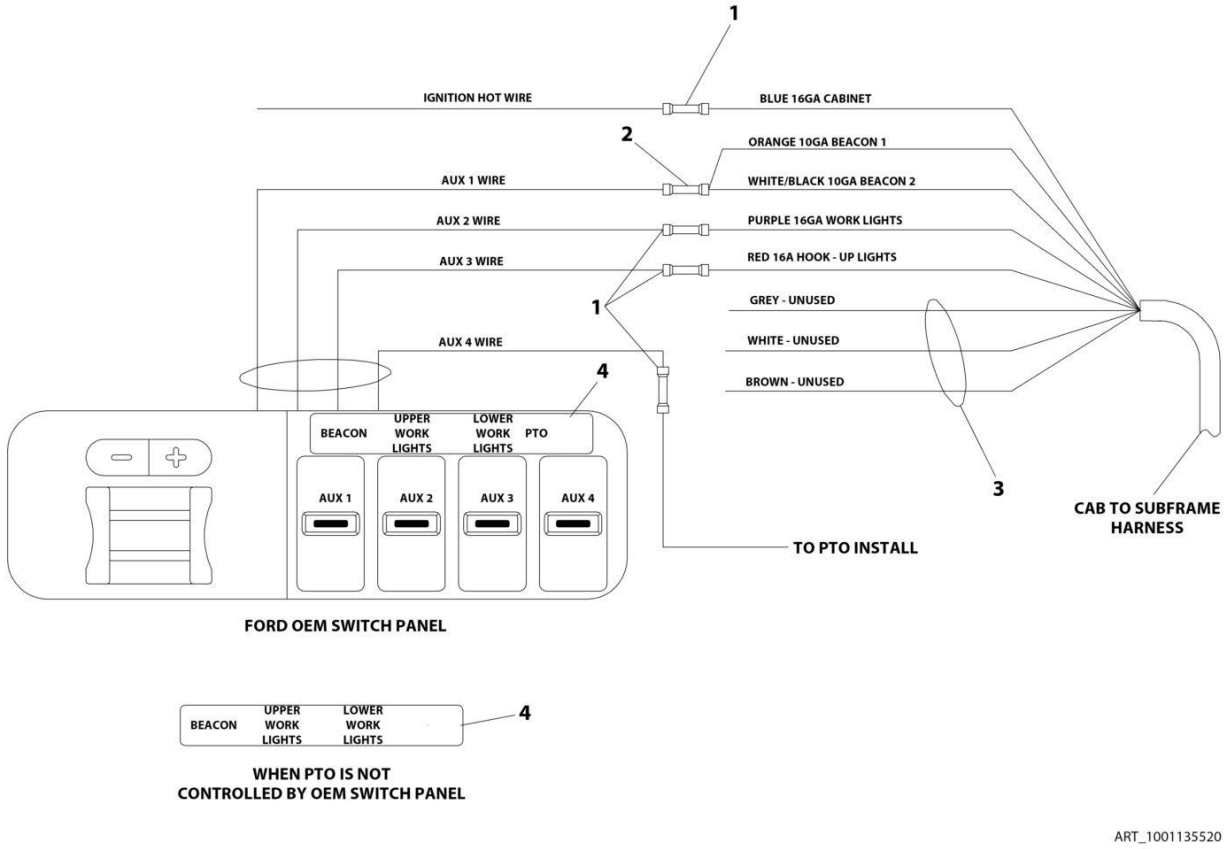


FIGURE 7-62. SWITCH PANEL INSTALLATION – 4 FUNCTION (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135520	Ref	SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F450-F550 2011-2016)	B
1	7345001713	4	Connector	
2	7346000242	1	Connector	
3	4346000005	3	Heat Shrink Tubing	
4	7330000627	AR	Decal	
4	7330000628	AR	Decal	

FIGURE 7-63. SWITCH PANEL INSTALLATION - 4 FUNCTION (SN 0230009714 to Present)

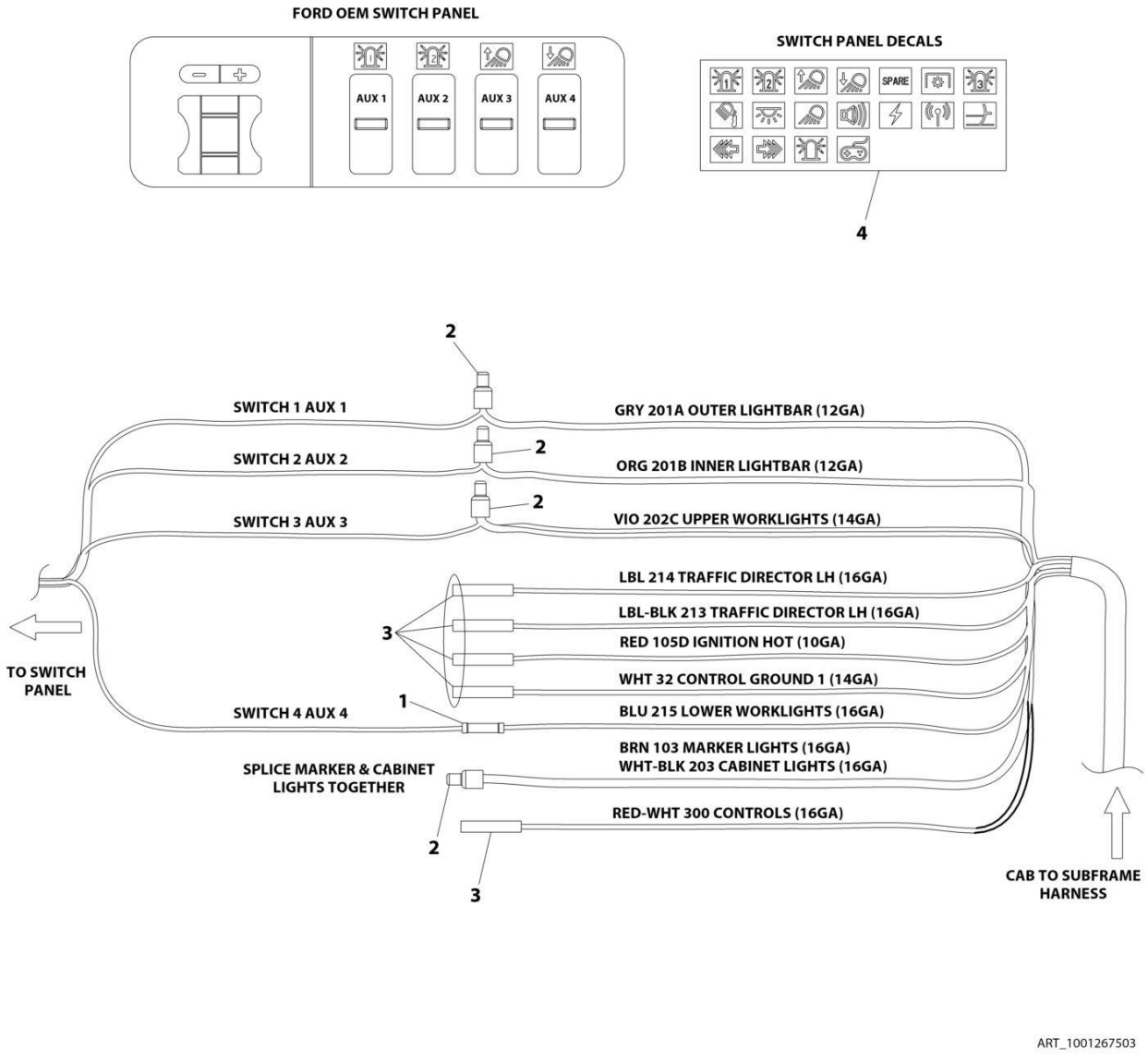
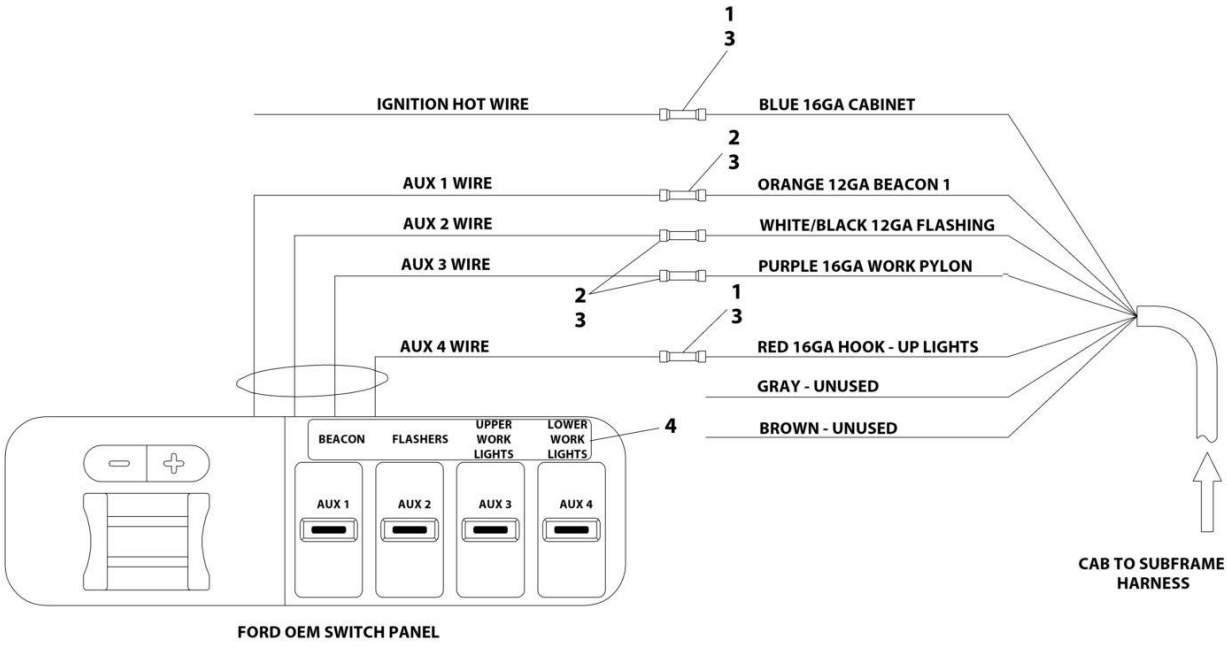


FIGURE 7-63. SWITCH PANEL INSTALLATION - 4 FUNCTION (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267503	Ref	SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F450-F550 2011-2016)	A
1	4460035	1	Terminal	
2	7346000242	4	Connector	
3	4346000005	5	Heat Shrink Tubing	
4	1001221375	1	Decal	

FIGURE 7-64. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F450-F550 2011-2016 - AAA SPECS) (SN 0230002518 through 0230009713)



ART_1001136163

FIGURE 7-64. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F450-F550 2011-2016 - AAA SPECS) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001136163	Ref	SWITCH PANEL INSTALLATION - 4 FUNCTION	B
1	7345001714	2	Terminal	
2	7345001914	3	Terminal	
3	7346000039	1	Tubing	
4	1001129461	1	Decal	

FIGURE 7-65. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F450-F550 2011-2016 - AAA SPECS) (SN 0230009714 to Present)

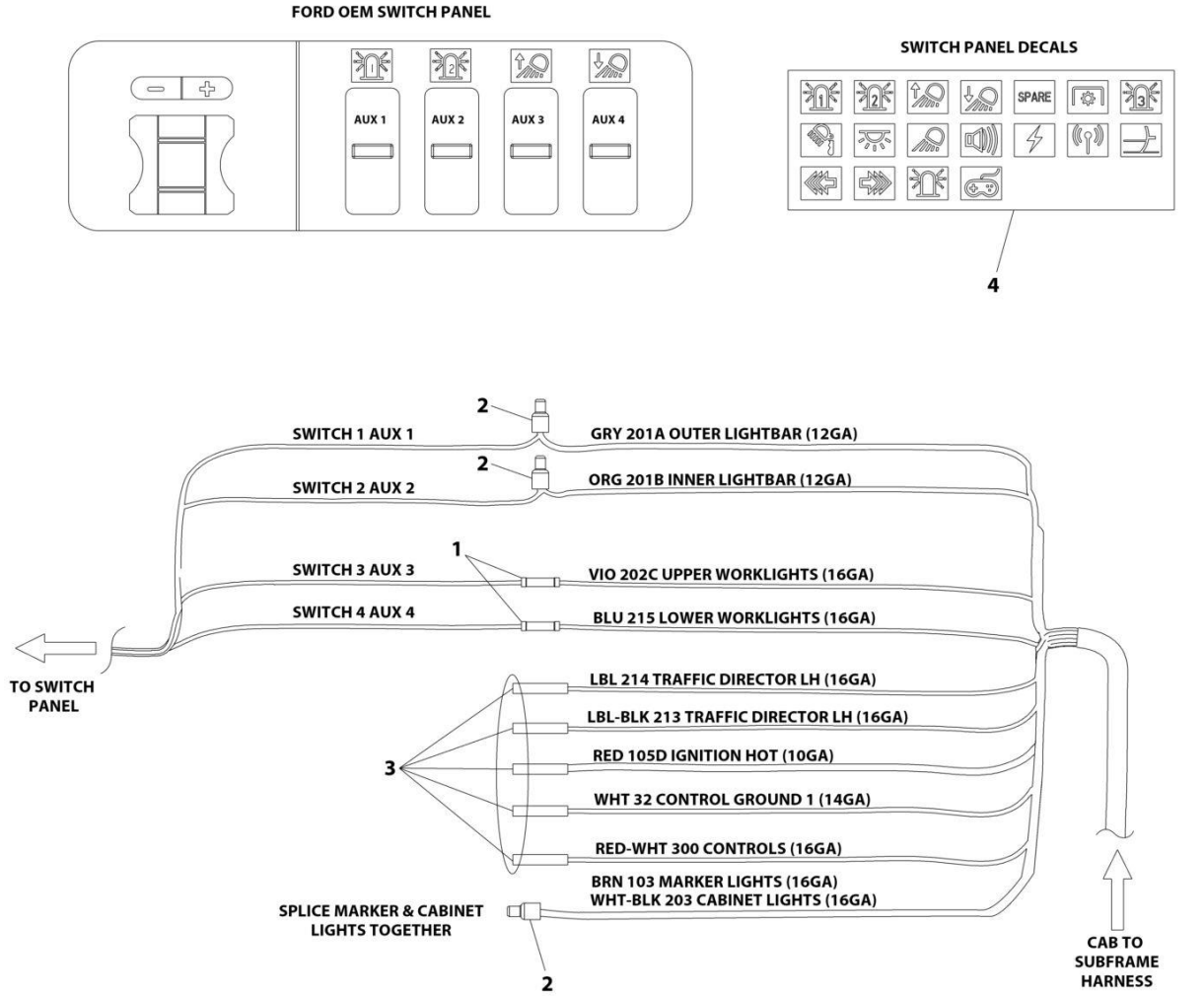
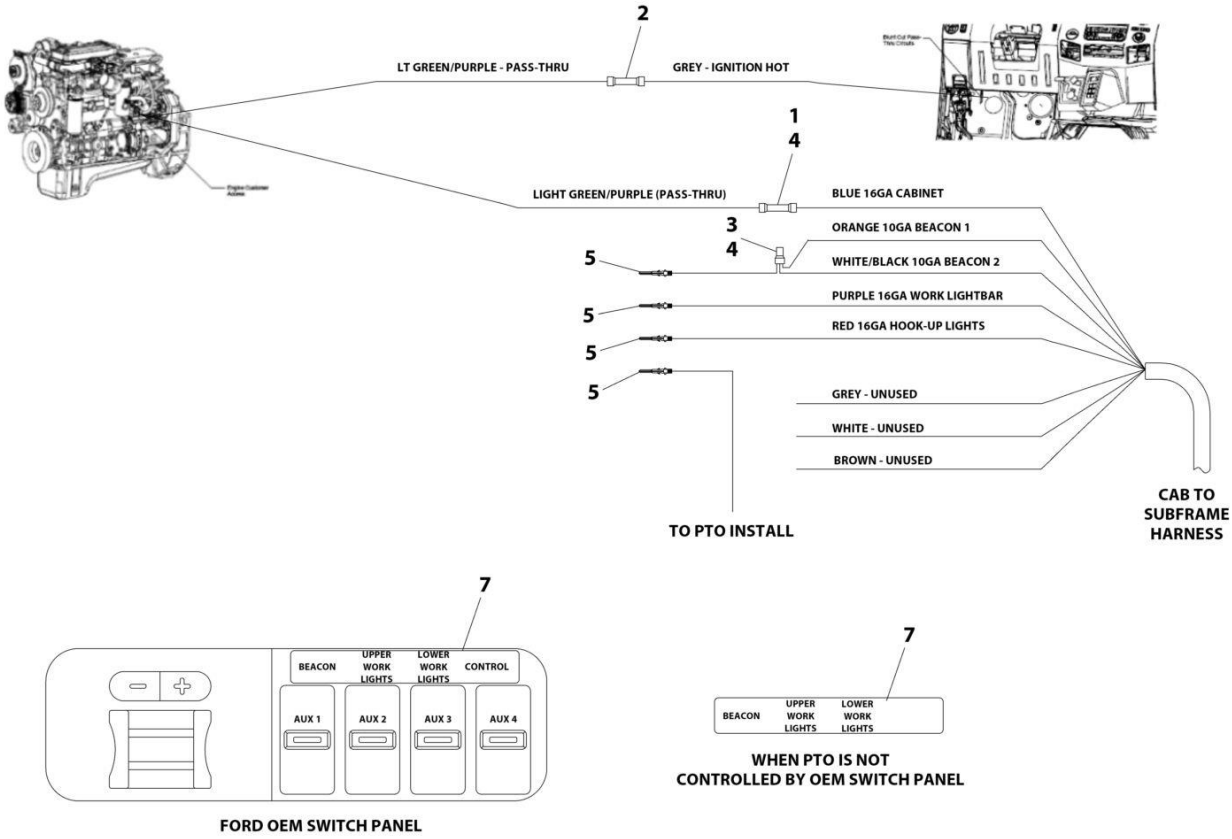


FIGURE 7-65. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F450-F550 2011-2016 - AAA SPECS) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266055	Ref	SWITCH PANEL INSTALLATION - 4 FUNCTION	A
1	4460035	2	Terminal	
2	7346000242	3	Connector	
3	4346000005	5	Heat Shrink Tubing	
4	1001221375	1	Decal	

FIGURE 7-66. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F650-F750 2011-2016) (SN 0230002518 through 0230009713)



ART_1001135522

FIGURE 7-66. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F650-F750 2011-2016) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135522	Ref	SWITCH PANEL INSTALLATION - 4 FUNCTION	B
1	7345001714	1	Terminal	
2	7345001713	1	Connector	
3	7346000242	1	Connector	
4	4346000005	5	Heat Shrink Tubing	
5	1001129095	4	Terminal	
7	7330000627	AR	Decal	
7	7330000628	AR	Decal	

FIGURE 7-67. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F650-F750 2011-2016) (SN 0230009714 to Present)

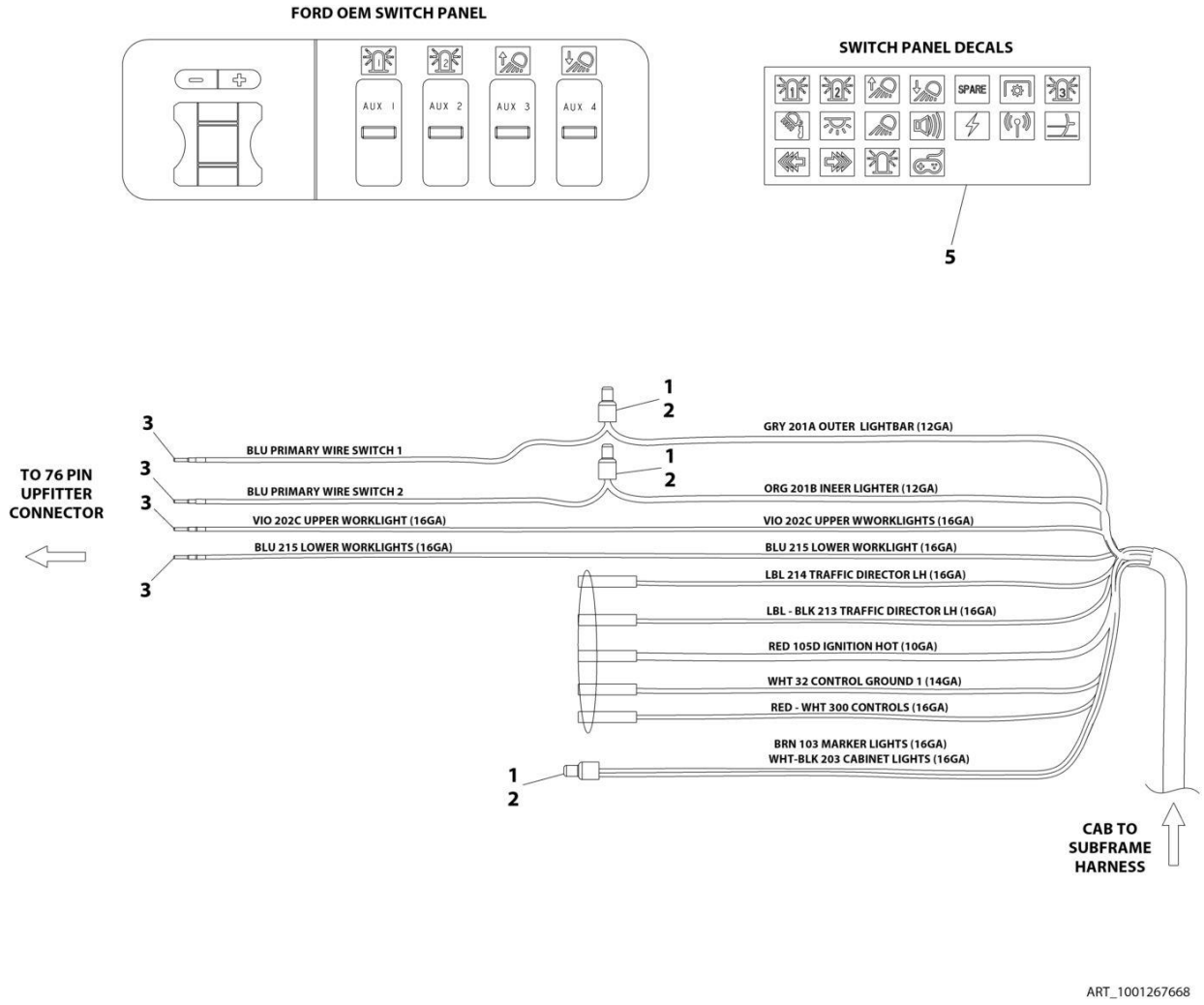
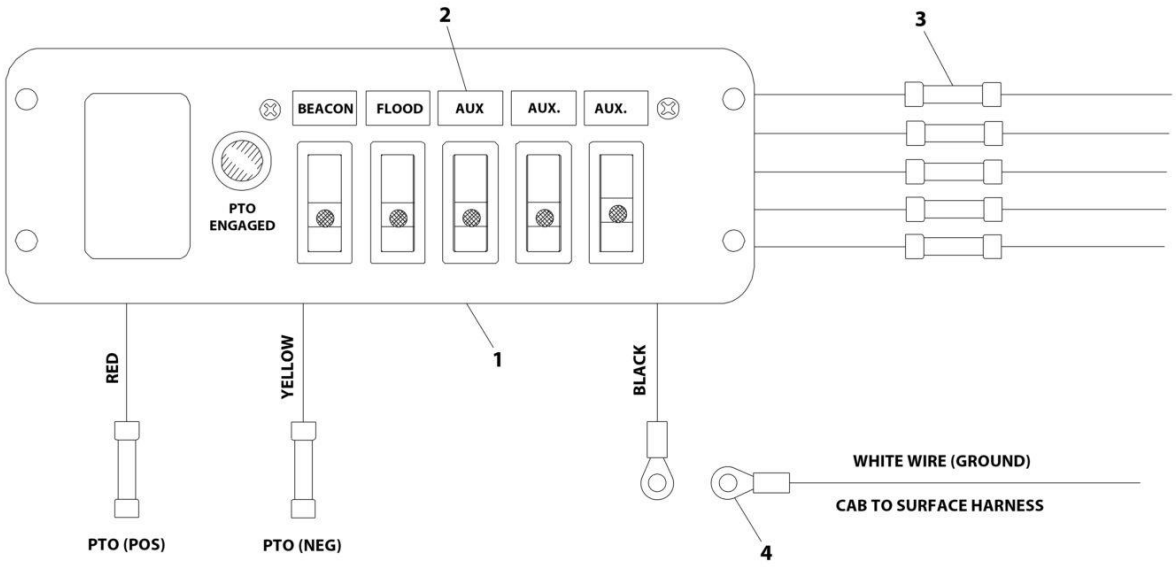


FIGURE 7-67. SWITCH PANEL INSTALLATION - 4 FUNCTION (FORD F650-F750 2011-2016) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267668	Ref	SWITCH PANEL INSTALLATION - 4 FUNCTION	A
1	7346000242	3	Connector	
2	4346000005	8	Heat Shrink Tubing	
3	1001129095	4	Terminal	
5	1001221375	1	Decal	

FIGURE 7-68. SWITCH PANEL INSTALLATION - 5 FUNCTION (IN DASH COMPACT) (SN 0230002518 through 0230009713)



ART_1001135701

FIGURE 7-68. SWITCH PANEL INSTALLATION - 5 FUNCTION (IN DASH COMPACT) (SN 0230002518 through 0230009713)

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

FIGURE 7-69. SWITCH PANEL INSTALLATION - 5 FUNCTION (IN DASH COMPACT)

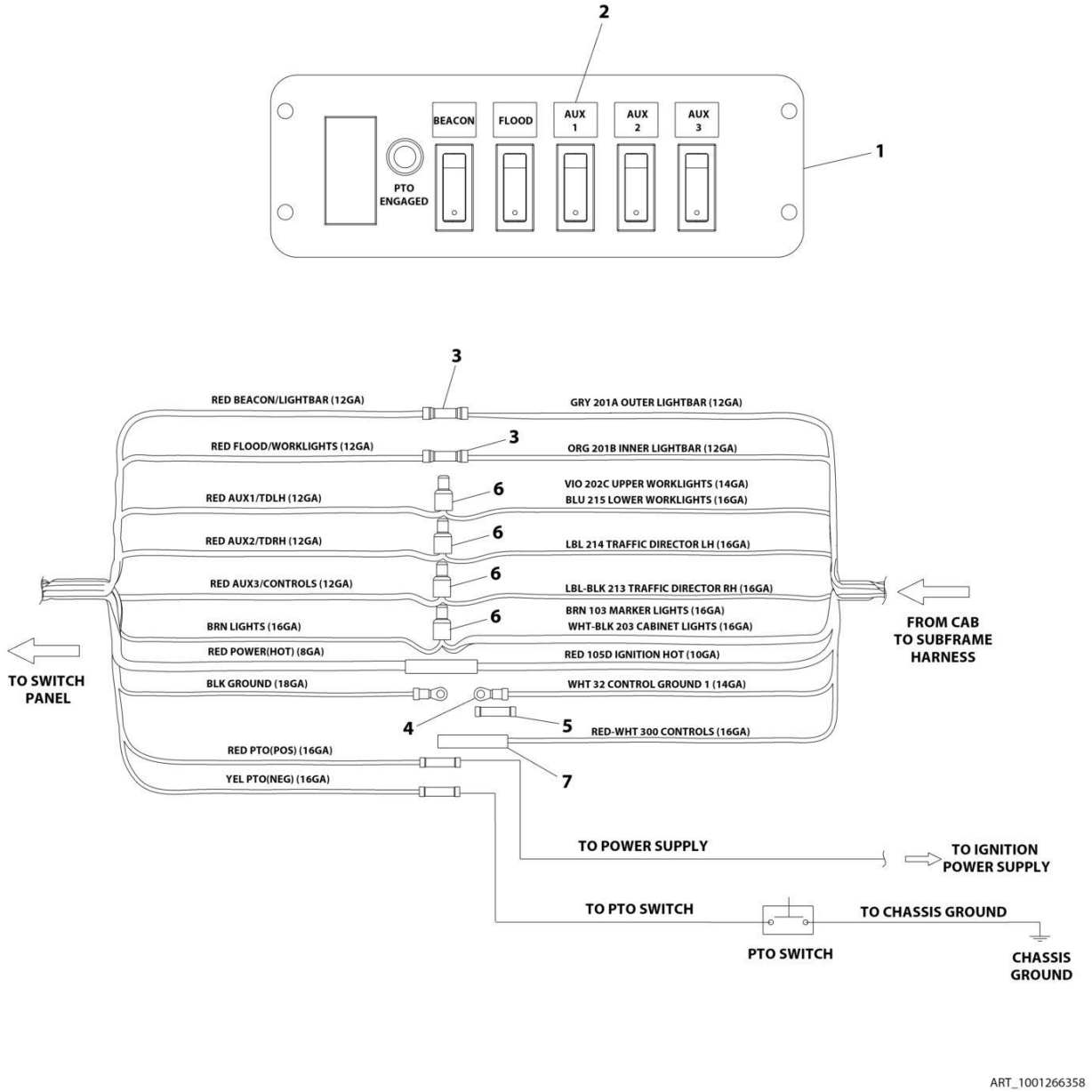


FIGURE 7-69. SWITCH PANEL INSTALLATION - 5 FUNCTION (IN DASH COMPACT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266358	Ref	SWITCH PANEL INSTALLATION - 5 FUNCTION	A
1	7870000106	1	Switch Panel	
2	7330000288	1	Decal	
3	4460018	2	Terminal	
4	4460042	1	Terminal	
5	4460035	1	Terminal	
6	7346000242	4	Connector	
7	4346000005	1	Heat Shrink Tubing	

FIGURE 7-70. SWITCH PANEL INSTALLATION - 5 FUNCTION (UNDER DASH COMPACT)

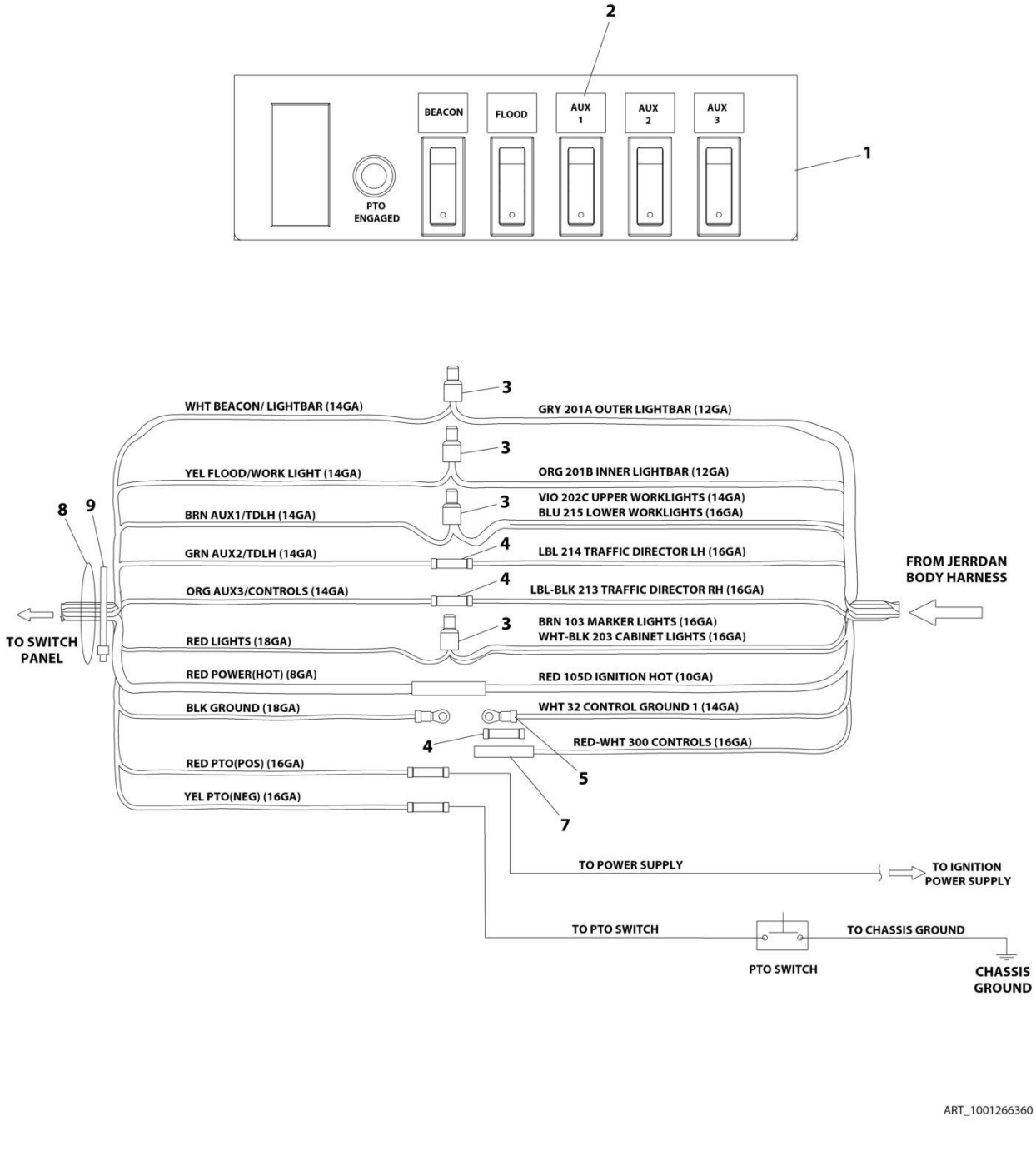
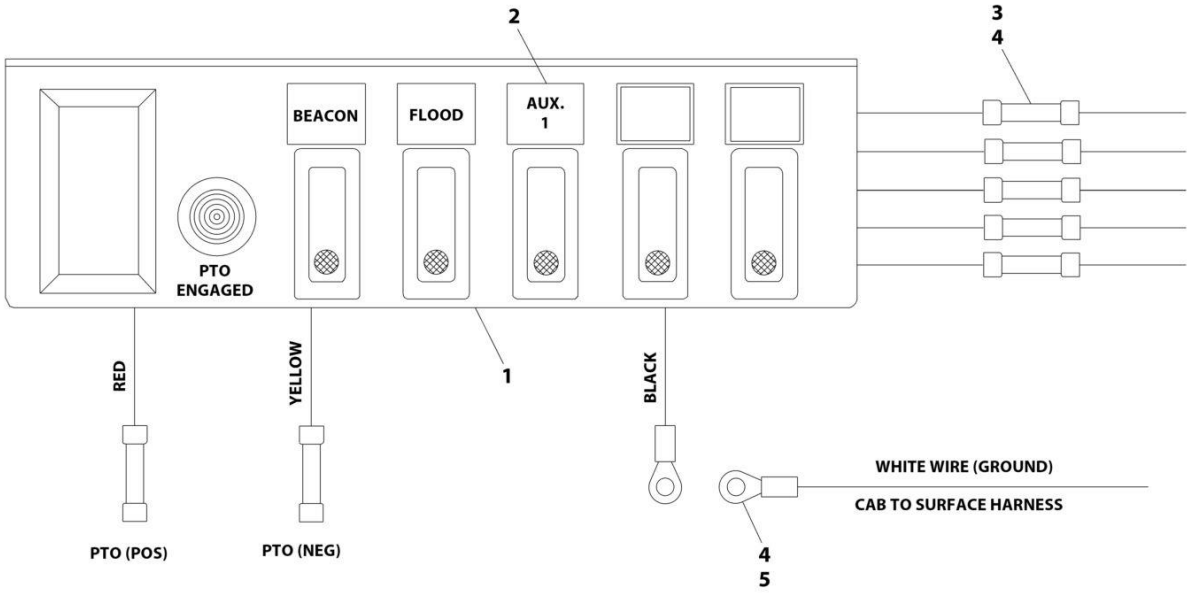


FIGURE 7-70. SWITCH PANEL INSTALLATION - 5 FUNCTION (UNDER DASH COMPACT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266360	Ref	SWITCH PANEL INSTALLATION - 5 FUNCTION (UNDER DASH COMPACT)	A
1	7870000137	1	Switch Panel	
2	7330000288	1	Decal	
3	7346000242	4	Connector	
4	4460035	3	Ternminal	
5	4460042	1	Ternminal	
7	4346000005	1	Heat Shrink Tubing	
8	8597650003	2 ft/0.6 m	Split Loom, Wire	
9	5526000553	6	Tie Strap	

FIGURE 7-71. SWITCH PANEL INSTALLATION - 5 FUNCTION (UNDER DASH COMPACT) (SN 0230002518 through 0230009713)

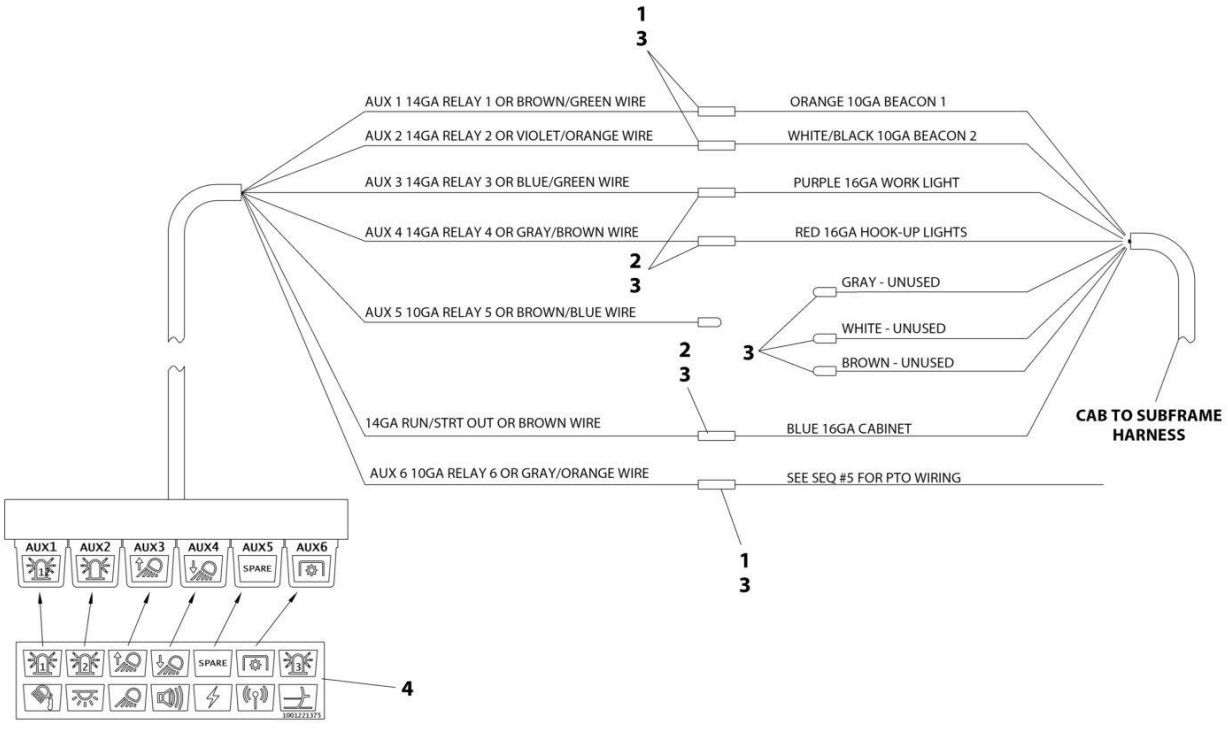


ART_1001135757

FIGURE 7-71. SWITCH PANEL INSTALLATION - 5 FUNCTION (UNDER DASH COMPACT) (SN 0230002518 through 0230009713)

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)	

FIGURE 7-72. SWITCH PANEL INSTALLATION - 6 FUNCTION (FORD F450-F550 2017+) (SN 0230002518 through 0230009713)



ART_1001221396

FIGURE 7-72. SWITCH PANEL INSTALLATION - 6 FUNCTION (FORD F450-F550 2017+) (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221396	Ref	SWITCH PANEL INSTALLATION - 6 FUNCTION	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)	

FIGURE 7-73. SWITCH PANEL INSTALLATION - 6 FUNCTION (FORD F450-F550 2017+) (SN 0230009714 to Present)

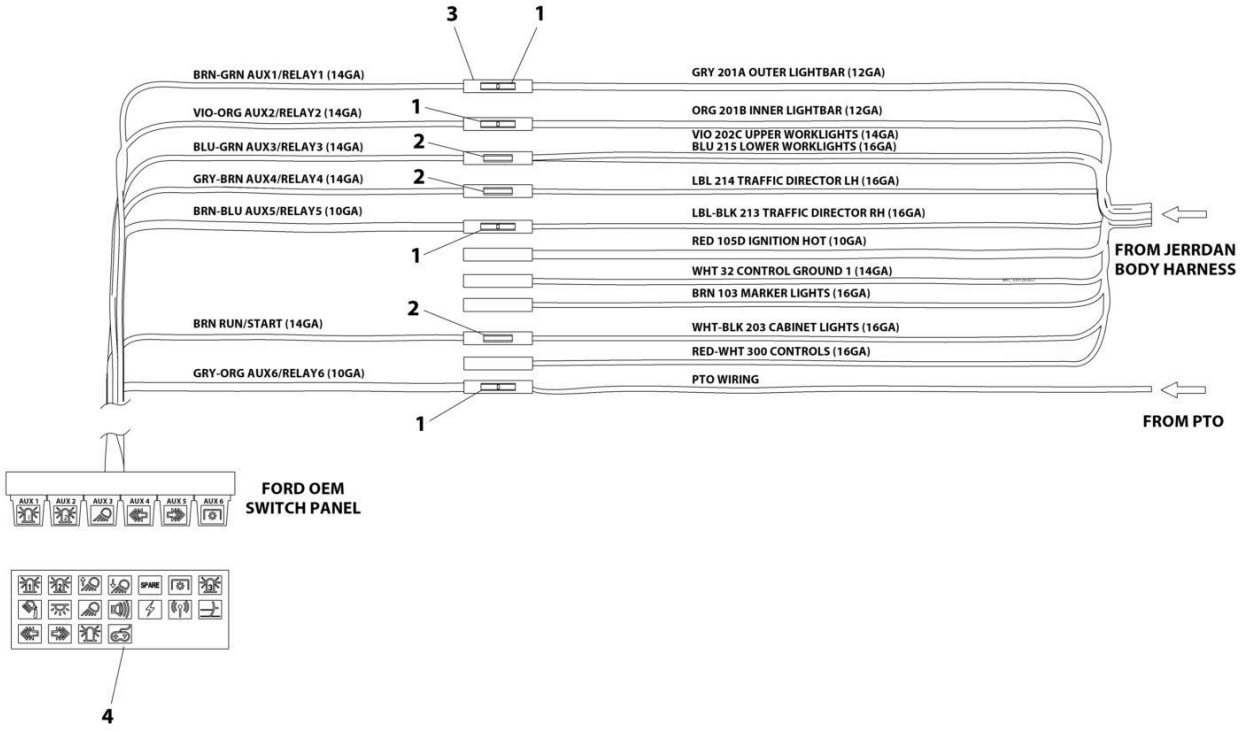


FIGURE 7-73. SWITCH PANEL INSTALLATION - 6 FUNCTION (FORD F450-F550 2017+) (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267250	Ref	SWITCH PANEL INSTALLATION - 6 FUNCTION	A
1	7345001914	4	Terminal	
2	7345001714	3	Terminal	
3	4346000005	10	Tubing	
4	1001221375	1	Decal	
5	1001225217	1	Electrical Assembly - Ford PTO (Not Shown) (See Separate Breakdown in this Section)	

FIGURE 7-74. TUNNEL BOX HARNESS (SN 0230002518 through 0230009713)

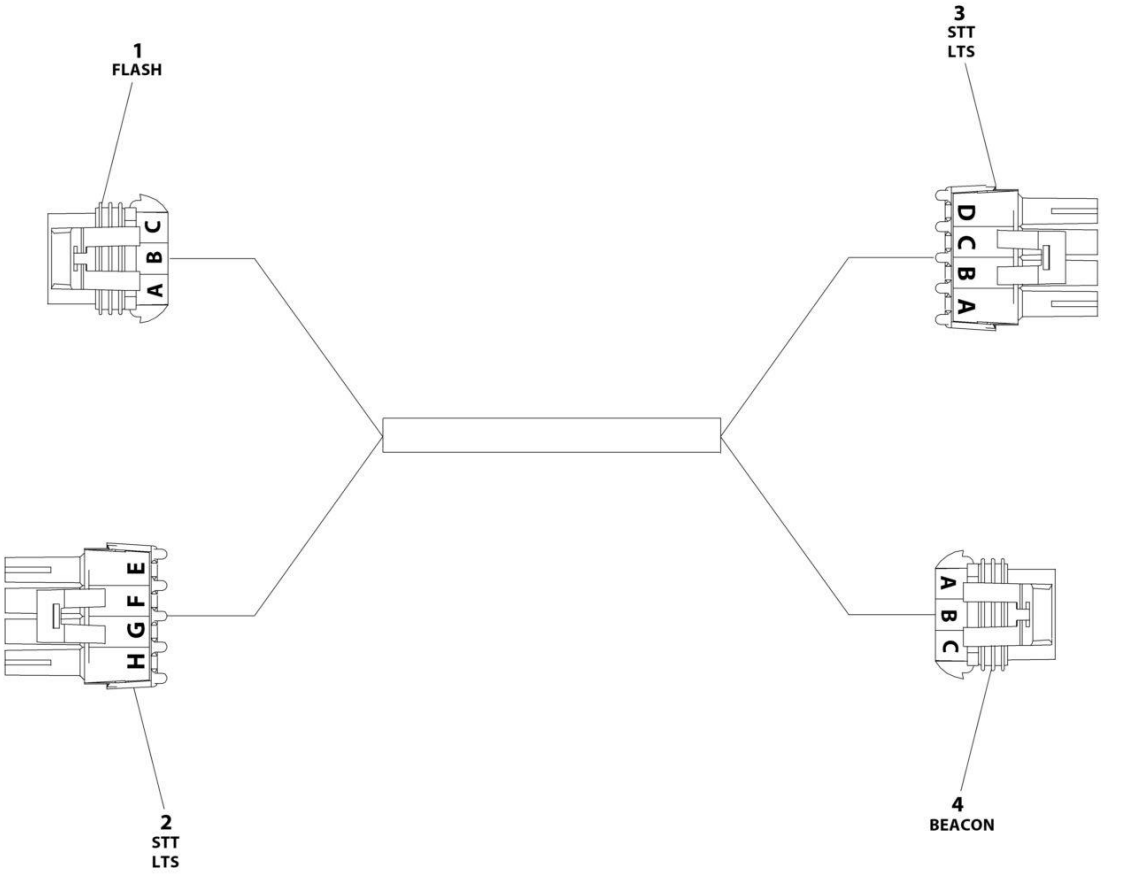


FIGURE 7-74. TUNNEL BOX HARNESS (SN 0230002518 through 0230009713)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7552000237	Ref	TUNNEL BOX EXTENSION HARNESS	A
1	8220935	1	Connector	
1	8220099	2	Terminal	
1	7346000142	2	Seal	
1	7346000108	1	Lock	
1	8220101	1	Plug, Terminal	
2	4460587	1	Connector	
2	7346000147	6	Terminal	
2	7346000146	6	Seal	
2	4461215	2	Plug, Terminal	
2	4460588	1	Lock	
3	4460682	1	Connector	
3	4460693	6	Terminal	
3	4461215	2	Plug, Terminal	
3	7346000146	6	Seal	
3	4460695	1	Lock	
4	8220934	1	Connector	
4	8220100	2	Terminal	
4	8220101	1	Plug, Terminal	
4	7346000142	2	Seal	
4	7346000109	1	Lock	

FIGURE 7-75. TUNNEL BOX HARNESS (SN 0230009714 to Present)

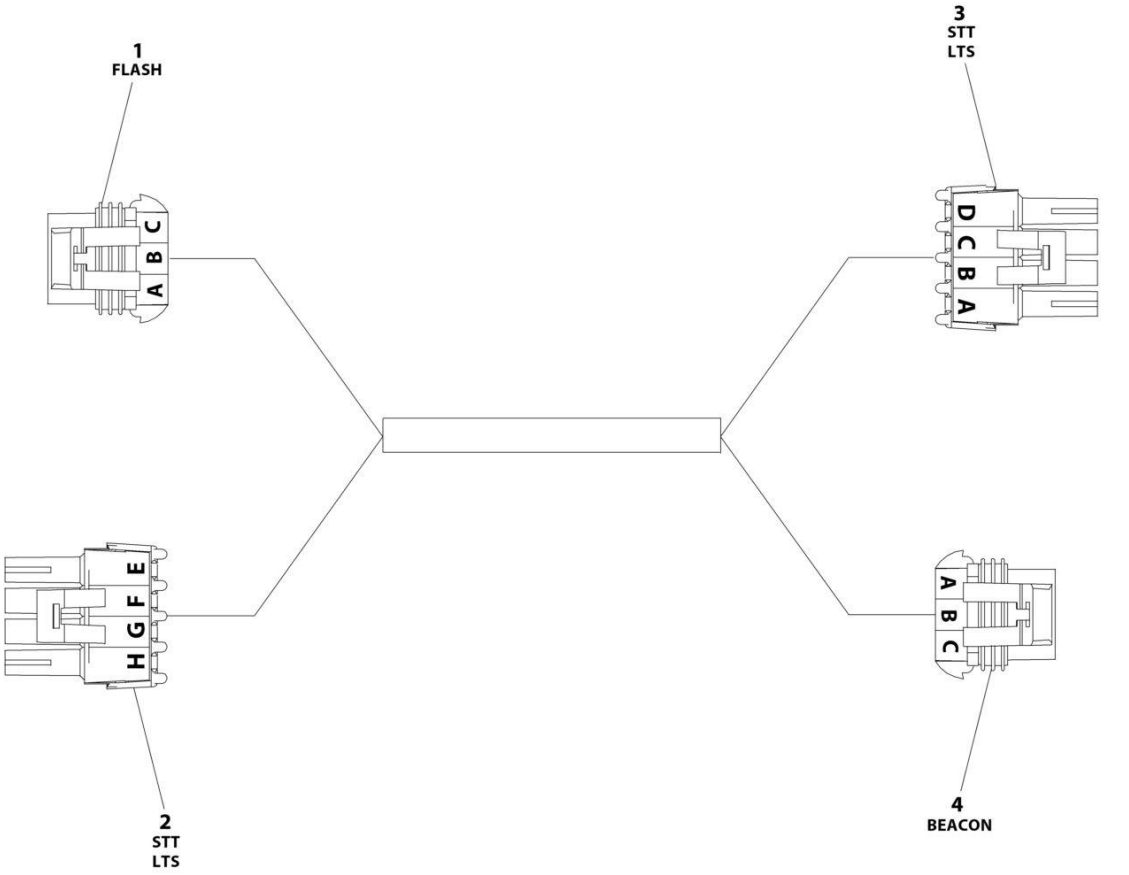


FIGURE 7-75. TUNNEL BOX HARNESS (SN 0230009714 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001267650	Ref	TUNNEL BOX EXTENSION HARNESS	A
1	8220935	1	Connector	
1	8220099	3	Terminal	
1	7346000142	3	Seal	
1	7346000108	1	Lock	
2	4460587	1	Connector	
2	7346000147	8	Terminal	
2	7346000146	8	Seal	
2	4460588	1	Lock	
3	4460682	1	Connector	
3	NPN	8	Terminal	
3	4460608	8	Seal	
3	4460695	1	Lock	
4	8220934	1	Connector	
4	8220100	2	Terminal	
4	NPN	1	Terminal	
4	8220101	1	Plug, Terminal	
4	NPN	3	Seal	
4	7346000109	1	Lock	

FIGURE 7-76. HARNESS CLAMP SUPPORT INSTALLATION (TOP OF BODY) (SN 0230002518 through 0230007545)

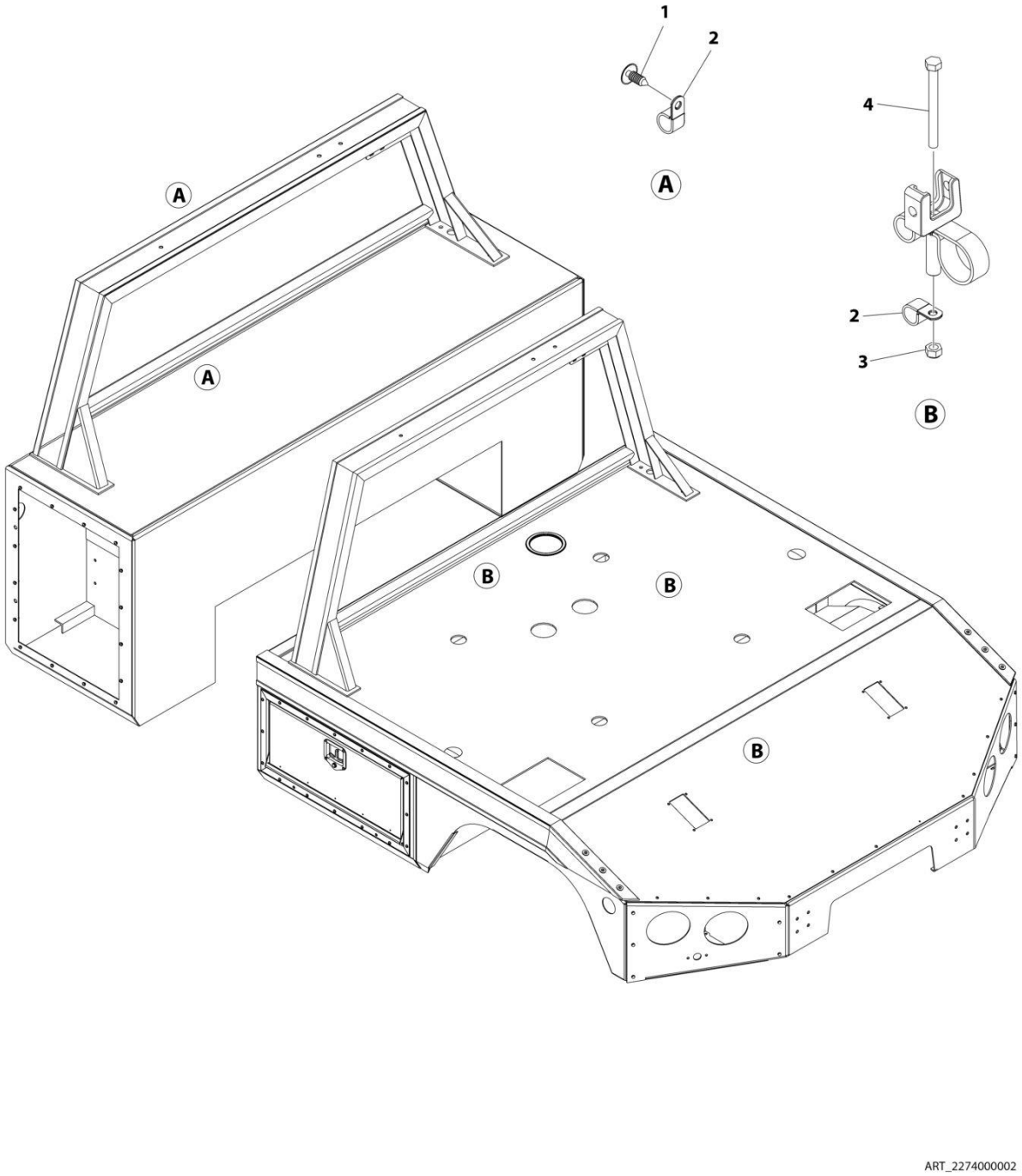


FIGURE 7-76. HARNESS CLAMP SUPPORT INSTALLATION (TOP OF BODY) (SN 0230002518 through 0230007545)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2274000002	Ref	HARNESS CLAMP SUPPORT INSTALLATION	0
1	7413000013	31	Push Fastener	
2	7274000105	43	Clamp	
3	7661000022	12	Nut 5/16	
4	7115150650	12	Capscrew 5/16 x 3/4	

SECTION 8 - DECAL

SECTION 8 - DECAL

FIGURE 8-1. DECAL INSTALLATION - STANDARD (HPL35) (SN 0230002518 through 0230006187)

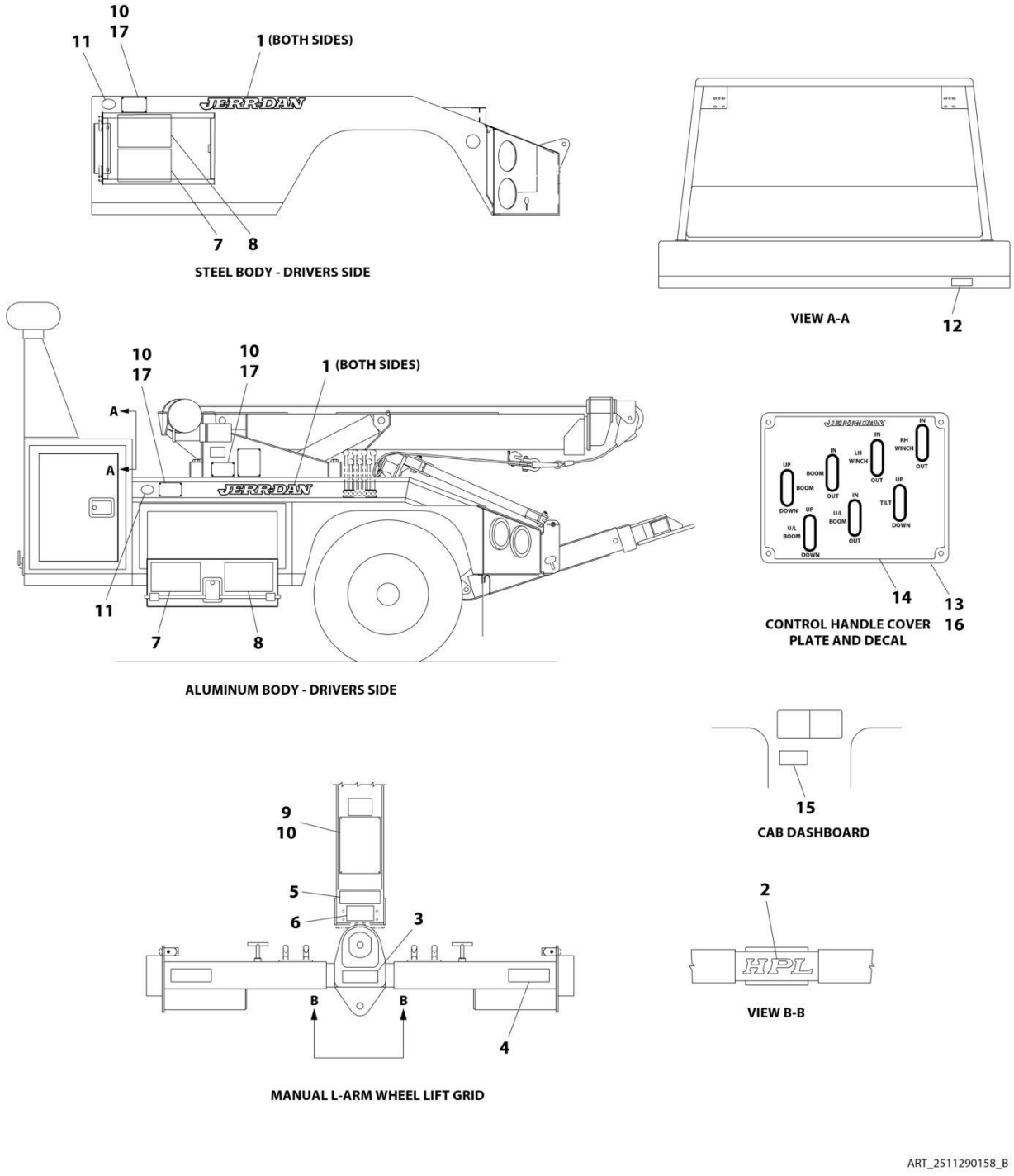


FIGURE 8-1. DECAL INSTALLATION - STANDARD (HPL35) (SN 0230002518 through 0230006187)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511290158	Ref	DECAL INSTALLATION HPL	B
1	7330000408	2	Jerr-Dan Nameplate	
2	7330000088	1	Decal - Reflective Red HPL	
2	7330000087	1	Decal - Reflective White HPL	
3	7330000122	1	Decal - Wheel Lift Polycarbonate	
4	7330000036	2	Decal - Wheel Lift	
5	7330000599	1	Decal - Moving Parts	
6	7330000060	1	Decal - Hitch	
7	7330000123	1	Decal - Lubrication	
8	7330000124	1	Decal - Lubrication Chart	
8	7330000125	1	Decal - Lubrication Chart	
8	7330000126	1	Decal - Lubrication Chart	
9	7330000146	1	Decal - Star Placard	
10	7759000004	8	Pop Rivet	
11	7330000143	1	Decal - Made In The USA	
12	7330000034	1	Decal - Caution	
13	4314000101	2	Coverplate	
14	7330000540	2	Decal - Controls	
15	7330000139	1	Decal - Checklist Reminder	
16	7790141076	8	Screw 1/4 x 5/8	
17	7330000717	1	Decal - Patent Placard	

SECTION 8 - DECAL

FIGURE 8-2. DECAL INSTALLATION - STANDARD (HPL35) (SN 0230006187 to Present)

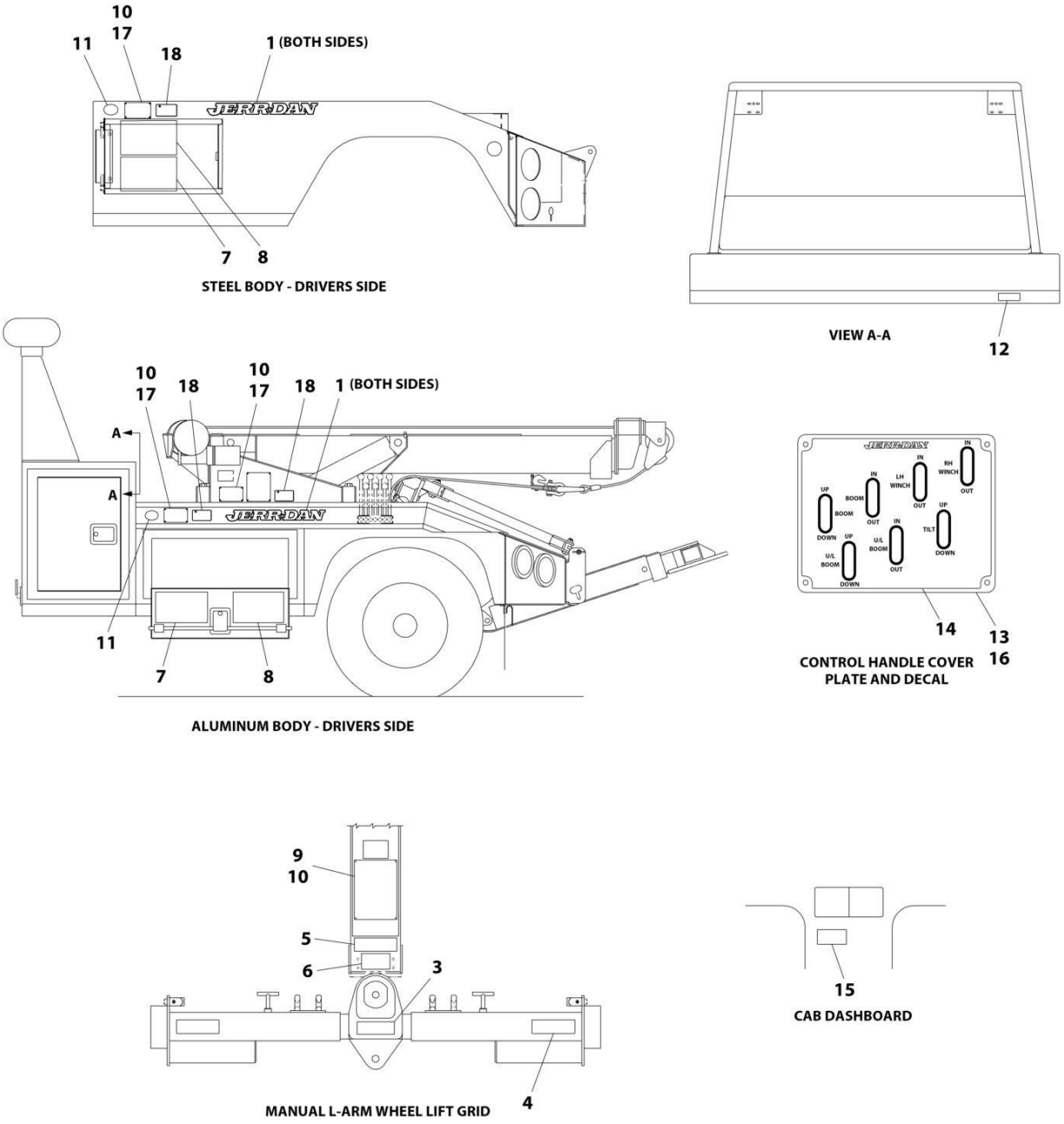


FIGURE 8-2. DECAL INSTALLATION - STANDARD (HPL35) (SN 0230006187 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511290158	Ref	DECAL INSTALLATION HPL	D
1	7330000408	2	Jerr-Dan Nameplate	
3	7330000122	1	Decal - Wheel Lift Polycarbonate	
4	7330000036	2	Decal - Wheel Lift	
5	7330000599	1	Decal - Moving Parts	
6	7330000060	1	Decal - Hitch	
7	7330000123	1	Decal - Lubrication	
8	7330000124	1	Decal - Lubrication Chart	
9	1001132563	1	Decal - Star Placard	
9	1001132509	1	Decal - Serial Number/Rating **(SN 0230012144 to Present)**	
10	7759000004	8	Pop Rivet	
11	7330000143	1	Decal - Made In The USA	
12	7330000034	1	Decal - Caution	
13	4314000101	2	Coverplate	
14	7330000540	2	Decal - Controls	
15	7330000139	1	Decal - Checklist Reminder	
16	7790141076	8	Screw 1/4 x 5/8	
17	1001132346	1	Decal - Patent Placard	
18	1001231801	2	Decal - Warning	

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FIGURE 8-3. DECAL INSTALLATION - STANDARD (HPL60) (SN 0230002518 through 0230003297)

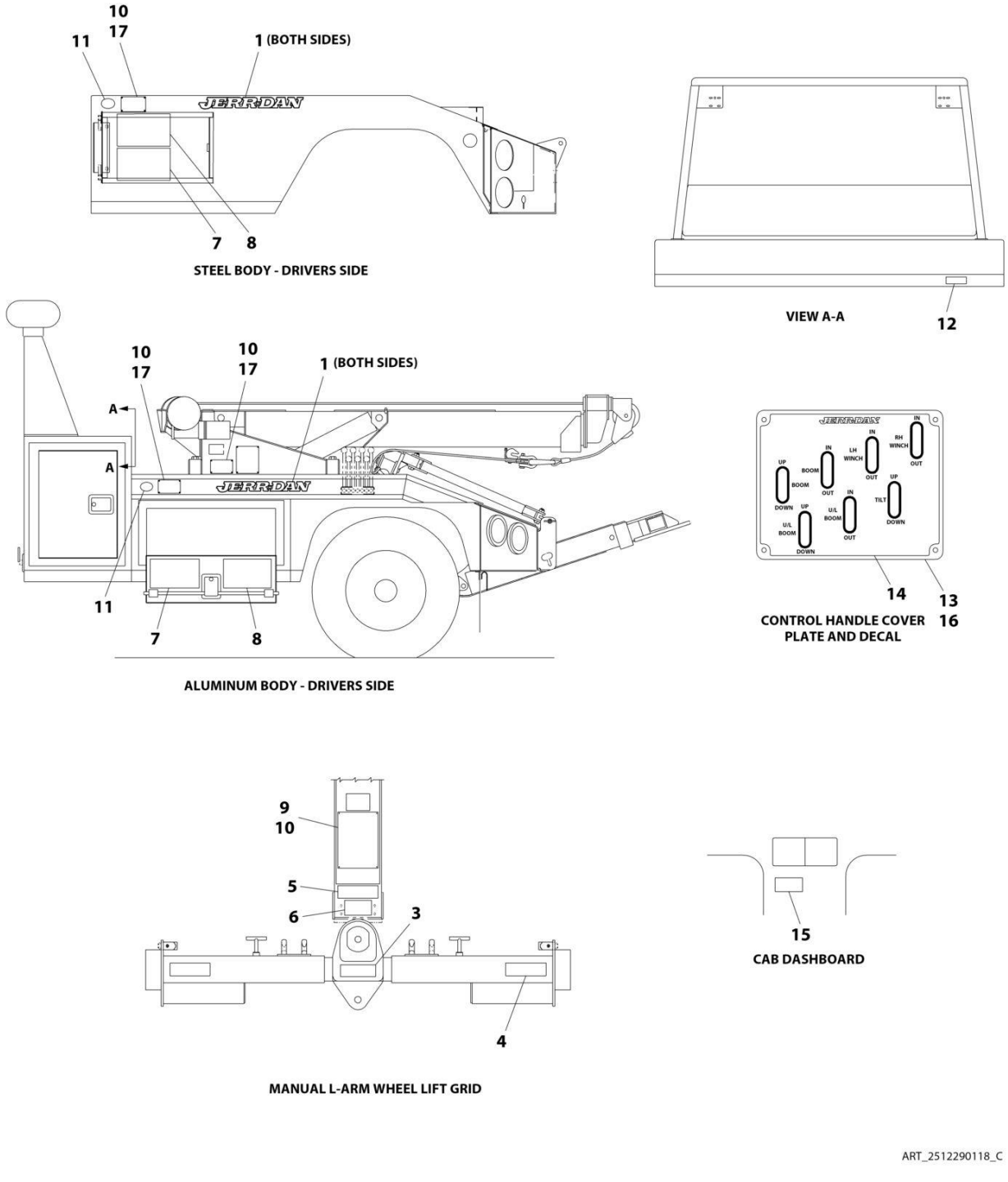

FIGURE 8-3. DECAL INSTALLATION - STANDARD (HPL60) (SN 0230002518 through 0230003297)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512290118	Ref	DECAL INSTALLATION COUGAR	C
1	7330000408	2	Jerr-Dan Nameplate	
3	7330000122	1	Decal - Wheel Lift Polycarbonate	
4	7330000036	2	Decal - Wheel Lift	
5	7330000599	1	Decal - Moving Parts	
6	7330000060	1	Decal - Hitch	
7	7330000123	1	Decal - Lubrication	
8	7330000124	1	Decal - Lubrication Chart	
9	1001132563	1	Decal - Star Placard	
10	7759000004	8	Pop Rivet	
11	7330000143	1	Decal - Made In The USA	
12	7330000034	1	Decal - Caution	
13	4314000101	2	Coverplate	
14	7330000540	2	Decal - Controls	
15	7330000139	1	Decal - Checklist Reminder	
16	7790141076	8	Screw 1/4 x 5/8	
17	1001132346	1	Decal - Patent Placard	

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FIGURE 8-4. DECAL INSTALLATION - STANDARD (HPL60) (SN 0230003298 through 0230006186)

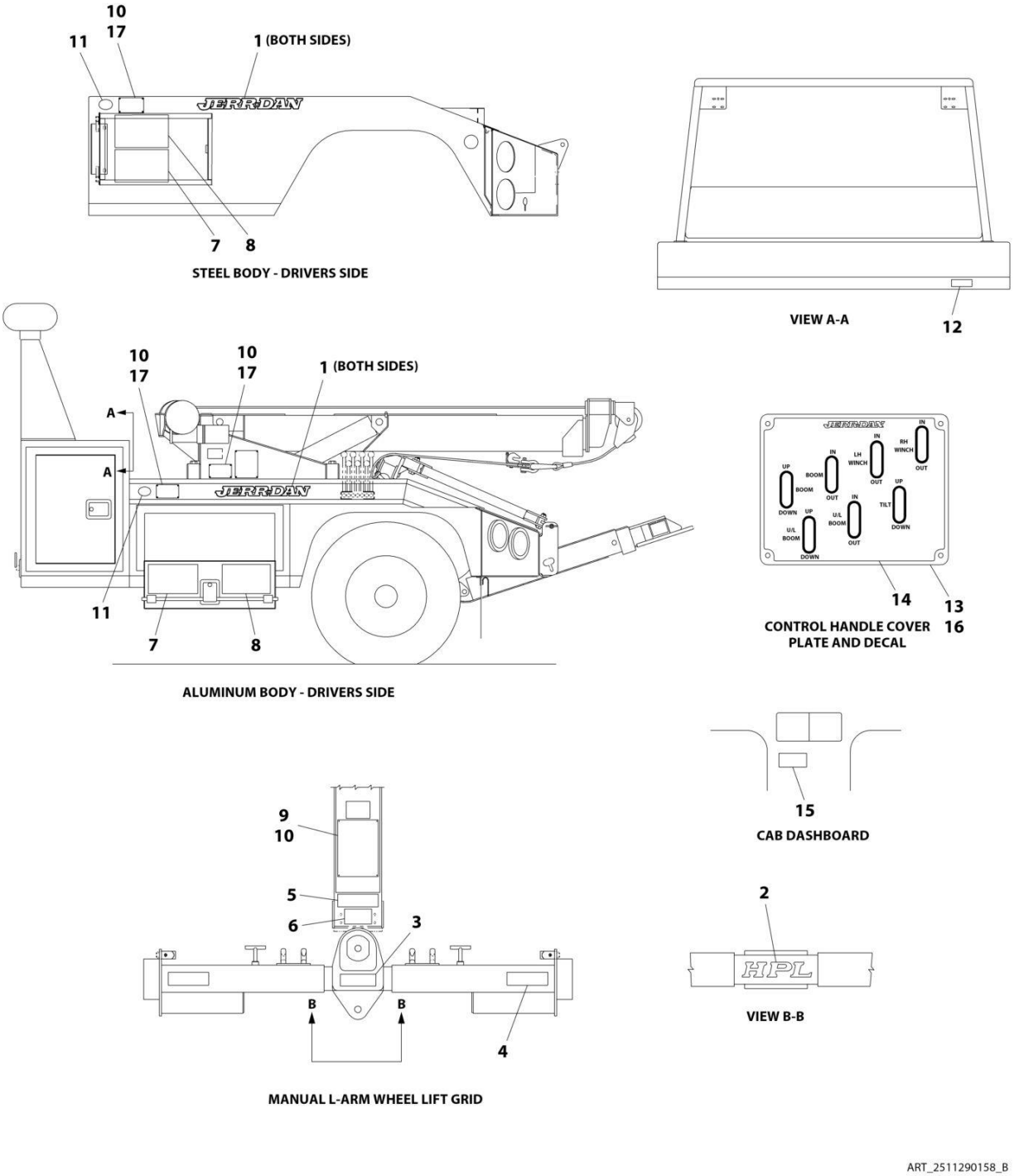

FIGURE 8-4. DECAL INSTALLATION - STANDARD (HPL60) (SN 0230003298 through 0230006186)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511290158	Ref	DECAL INSTALLATION HPL	B
1	7330000408	2	Jerr-Dan Nameplate	
2	7330000088	1	Decal - Reflective Red HPL	
2	7330000087	1	Decal - Reflective White HPL	
3	7330000122	1	Decal - Wheel Lift Polycarbonate	
4	7330000036	2	Decal - Wheel Lift	
5	7330000599	1	Decal - Moving Parts	
6	7330000060	1	Decal - Hitch	
7	7330000123	1	Decal - Lubrication	
8	7330000124	1	Decal - Lubrication Chart	
8	7330000125	1	Decal - Lubrication Chart	
8	7330000126	1	Decal - Lubrication Chart	
9	7330000146	1	Decal - Star Placard	
10	7759000004	8	Pop Rivet	
11	7330000143	1	Decal - Made In The USA	
12	7330000034	1	Decal - Caution	
13	4314000101	2	Coverplate	
14	7330000540	2	Decal - Controls	
15	7330000139	1	Decal - Checklist Reminder	
16	7790141076	8	Screw 1/4 x 5/8	
17	7330000717	1	Decal - Patent Placard	

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FIGURE 8-5. DECAL INSTALLATION - STANDARD (HPL60) (SN 0230006187 to Present)

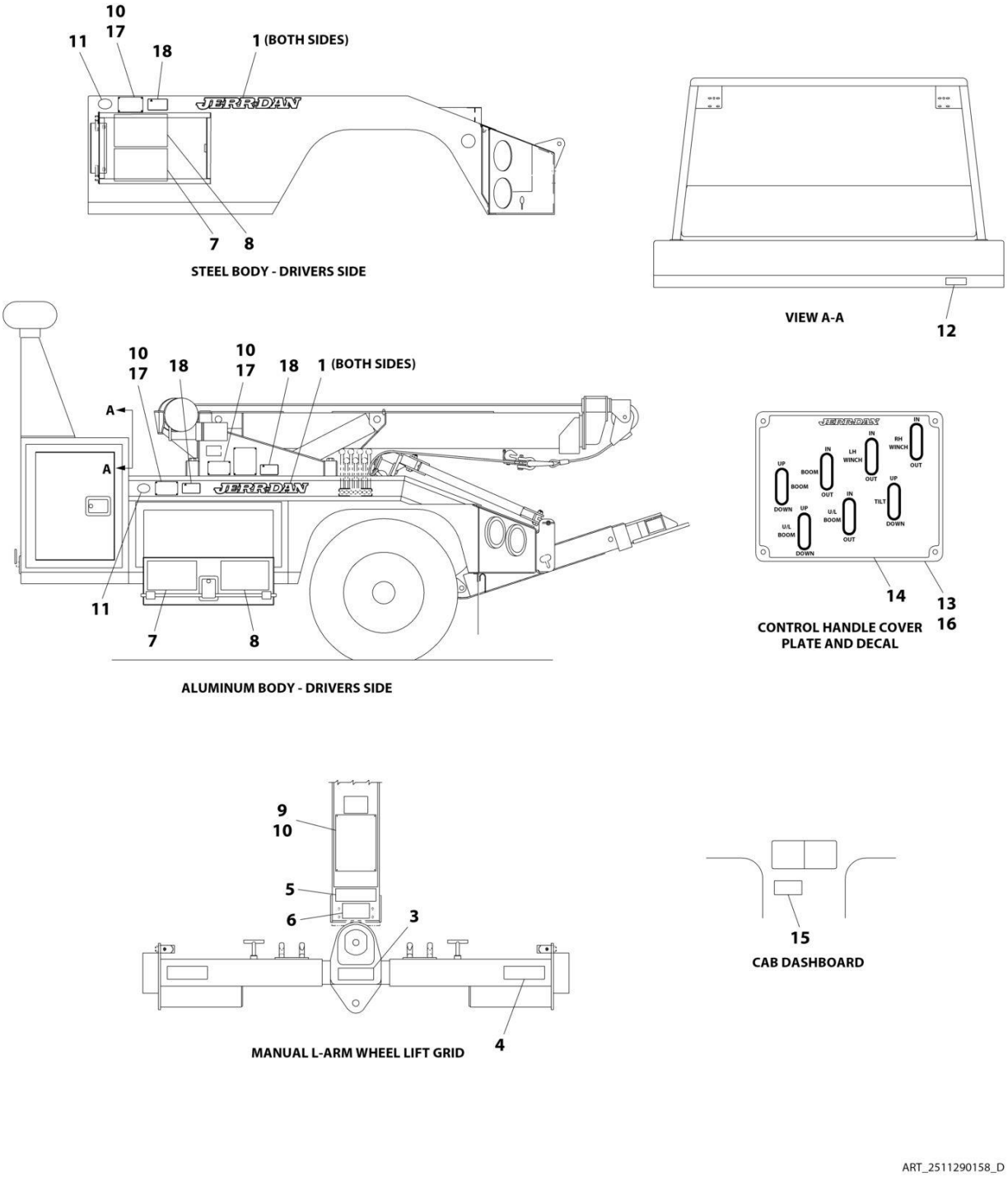


FIGURE 8-5. DECAL INSTALLATION - STANDARD (HPL60) (SN 0230006187 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2511290158	Ref	DECAL INSTALLATION HPL	D
1	7330000408	2	Jerr-Dan Nameplate	
3	7330000122	1	Decal - Wheel Lift Polycarbonate	
4	7330000036	2	Decal - Wheel Lift	
5	7330000599	1	Decal - Moving Parts	
6	7330000060	1	Decal - Hitch	
7	7330000123	1	Decal - Lubrication	
8	7330000124	1	Decal - Lubrication Chart	
9	1001132563	1	Decal - Star Placard	
9	1001132509	1	Decal - Serial Number/Rating **(SN 0230012144 to Present)**	
10	7759000004	8	Pop Rivet	
11	7330000143	1	Decal - Made In The USA	
12	7330000034	1	Decal - Caution	
13	4314000101	2	Coverplate	
14	7330000540	2	Decal - Controls	
15	7330000139	1	Decal - Checklist Reminder	
16	7790141076	8	Screw 1/4 x 5/8	
17	1001132346	1	Decal - Patent Placard	
18	1001231801	2	Decal - Warning	

FIGURE 8-6. DECAL INSTALLATION - HPL35 (RED)

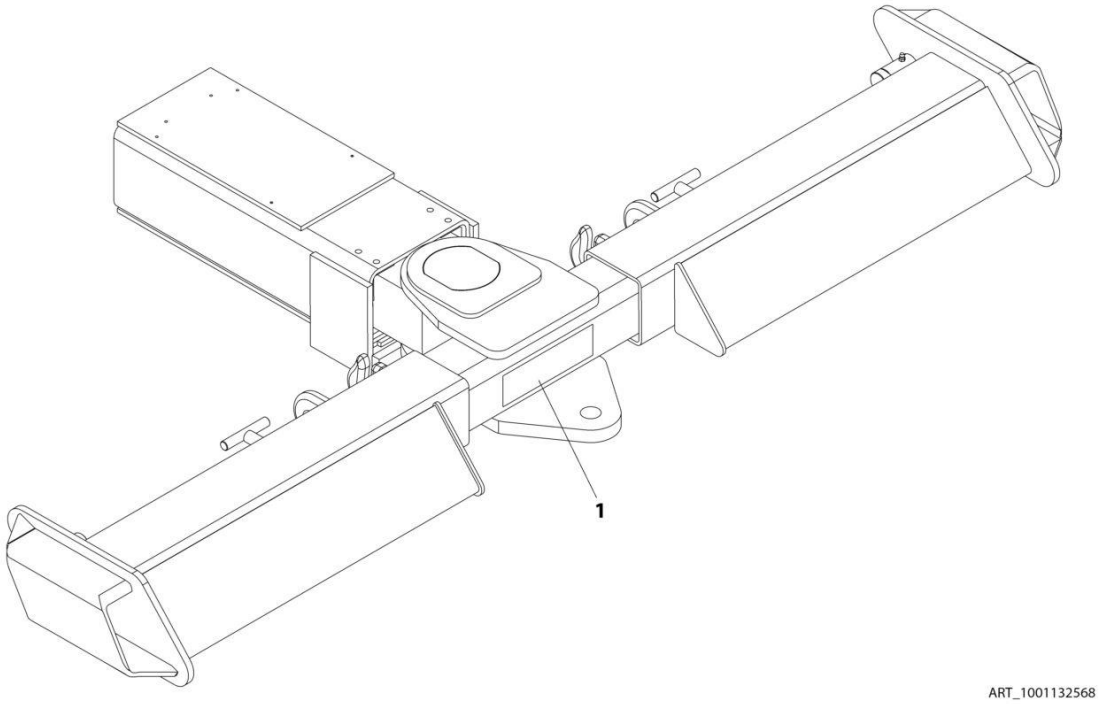


FIGURE 8-6. DECAL INSTALLATION - HPL35 (RED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132568	Ref	DECAL INSTALLATION - LOGO	A
1	7330000088	1	Decal - HPL (Red)	

FIGURE 8-7. DECAL INSTALLATION - HPL35 (WHITE)

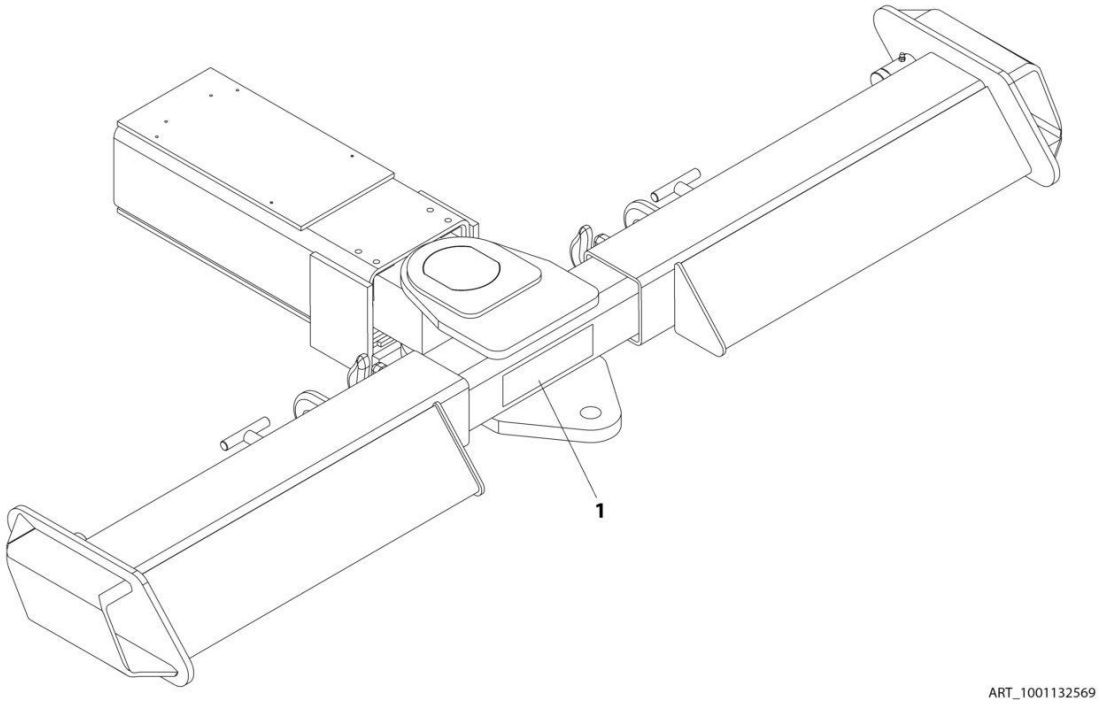


FIGURE 8-7. DECAL INSTALLATION - HPL35 (WHITE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132569	Ref	DECAL INSTALLATION - LOGO	A
1	7330000087	1	Decal - HPL (White)	

FIGURE 8-8. DECAL INSTALLATION - HPL60 (RED)

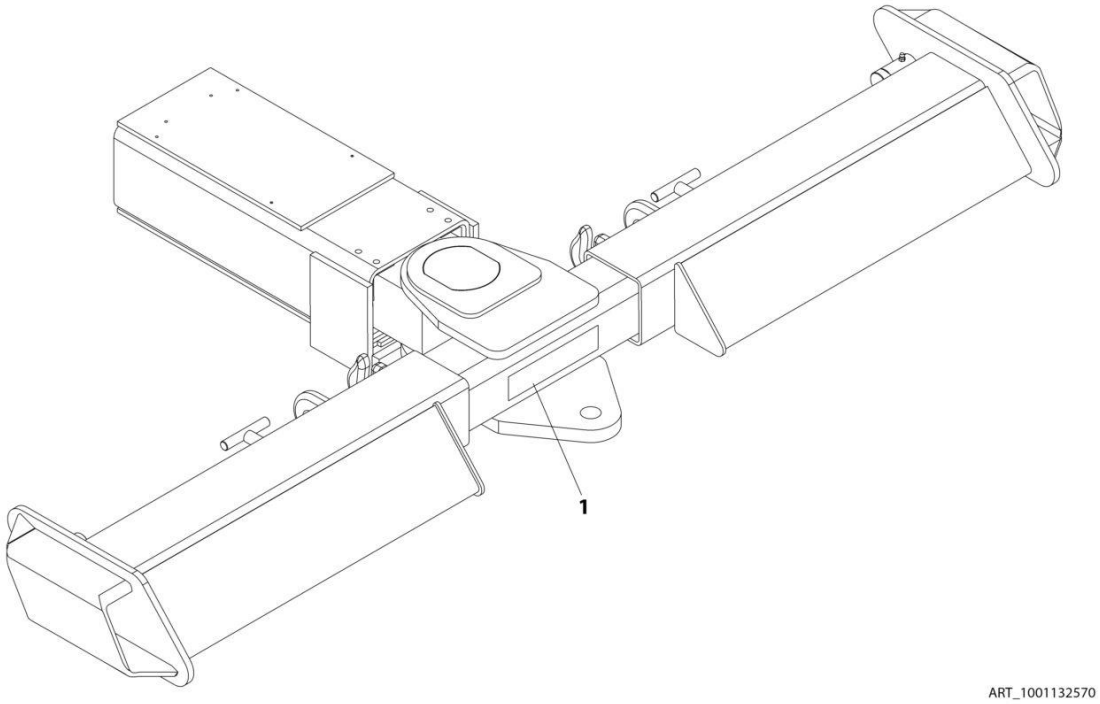


FIGURE 8-8. DECAL INSTALLATION - HPL60 (RED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132570	Ref	DECAL INSTALLATION - LOGO	A
1	7330000129	1	Decal - Cougar (Red)	

FIGURE 8-9. DECAL INSTALLATION - HPL60 (WHITE)

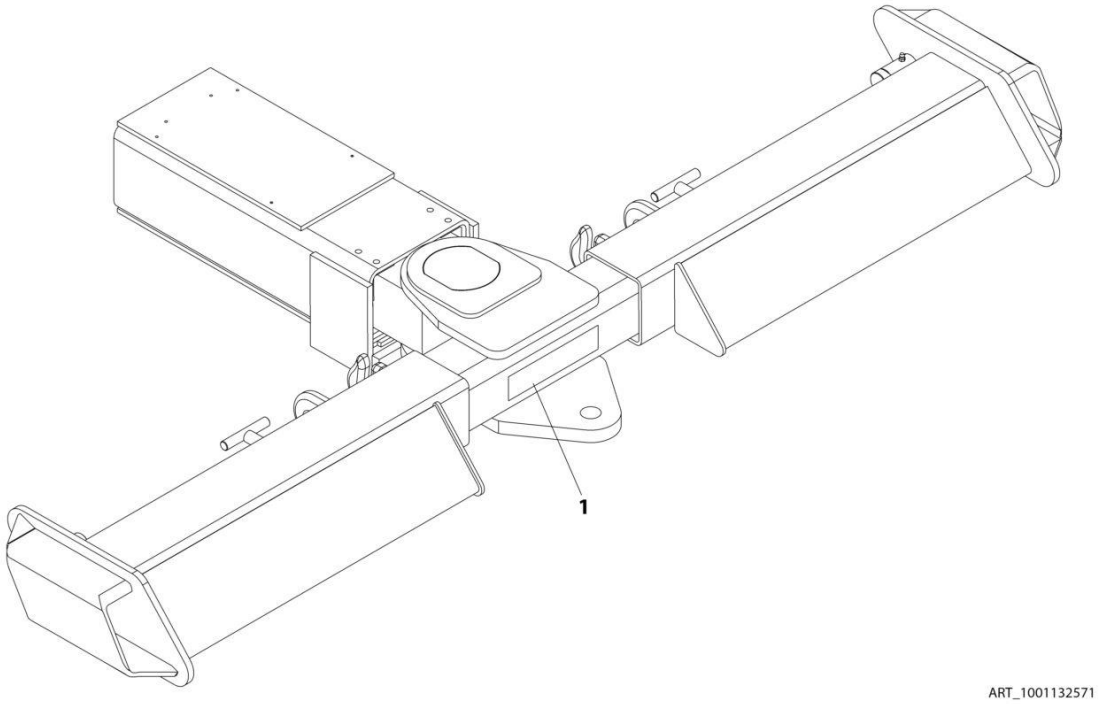
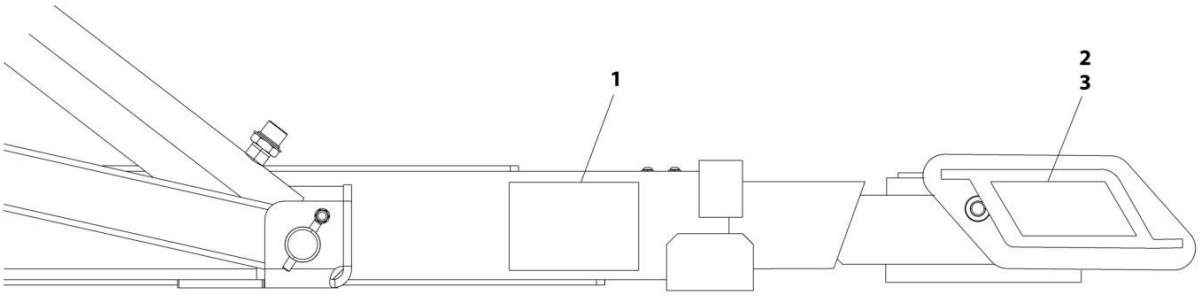


FIGURE 8-9. DECAL INSTALLATION - HPL60 (WHITE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132571	Ref	DECAL INSTALLATION - LOGO	A
1	7330000128	1	Decal - Cougar (White)	

FIGURE 8-10. DECAL INSTLLATION - WHEEL LIFT GRID (MANUAL)

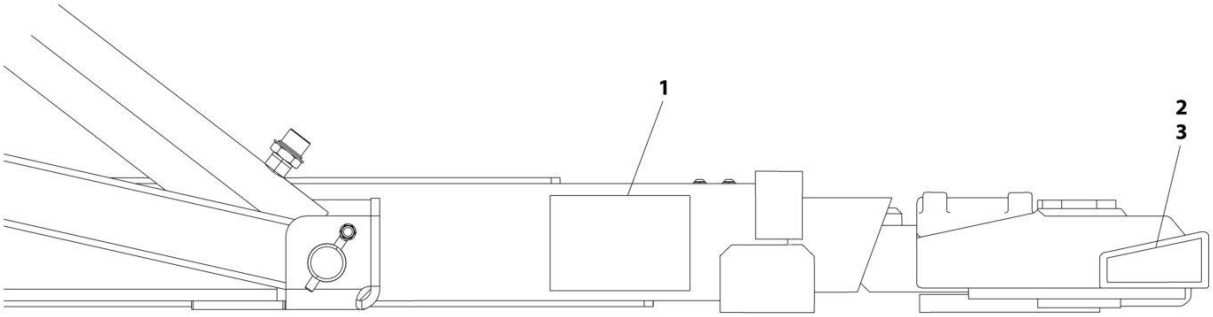


ART_2330000035

FIGURE 8-10. DECAL INSTLLATION - WHEEL LIFT GRID (MANUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2330000035	Ref	Wheel Lift Decal Installation	0
1	7330000419	2	Decal - Red Reflective (Boom)	
2	7330000417	1	Decal - LH Red Reflective (Grid)	
3	7330000418	1	Decal - RH Red Reflective (Grid)	

FIGURE 8-11. DECAL INSTLLATION - WHEEL LIFT GRID (PIVOTING)

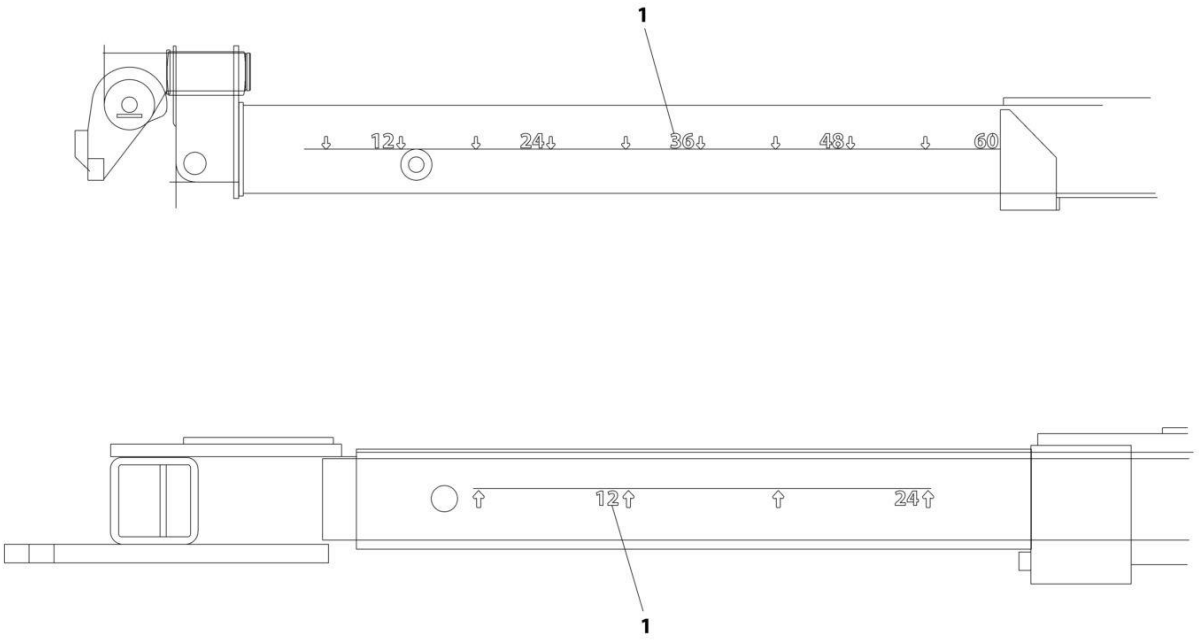


ART_2330000036

FIGURE 8-11. DECAL INSTLLATION - WHEEL LIFT GRID (PIVOTING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2330000036	Ref	Wheel Lift Decal Installation, T37	0
1	7330000419	2	Decal - Red Reflective (Boom)	
2	7330000420	1	Decal - LH Red Reflective (T37 Grid)	
3	7330000432	1	Decal - RH Red Reflective (T37 Grid)	

FIGURE 8-12. DECAL INSTALLATION (GSA SPECS - COUGAR) (SN 0230002518 through 0230007544)



ART_2330000046

FIGURE 8-12. DECAL INSTALLATION (GSA SPECS - COUGAR) (SN 0230002518 through 0230007544)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2330000046	Ref	DECAL INSTALLATION (GSA SPECS - COUGAR)	0
1	7330000529	1	Decal - Cougar (Under lift & Boom)	

SECTION 9 - ACCESSORIES

SECTION 9 - ACCESSORIES

FIGURE 9-1. KITS LIST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241869	Ref	KITS LIST	J
		Ref	Note: Contact JERR-DAN Parts Department for exact contents of kit:	
	1001290326	Ref	Cylinder Boot Kit (for Underlift Tilt Cylinder)	
	7002000505	1	Electrical Extension Cortd- 25FT (GSA Specs)	
	FEX-GSARB	Ref	Fire & Emergency Kit (GSA Specs) (Includes Fire Extinguisher, Safety Triangle, Fuses & Breakers)	
	2512880041	Ref	Frame Fork Kit	
	3577000156	1	GSA 972 Accessories Kit **(SN 0230002518 through 0230007544)**	
	7262000048	2	Chain Assembly	
	7002000459	1	Snatch Block	
	7894000055	1	Steering Wheel Lock Strap	
	1001305536	Ref	Body Toolbox Shelf Kit	
	1001300969	Ref	Body Stone Guard (MPL Diamond) Kit	
	1001305533	Ref	Fork Set Manual Grid Kit	
	1001308217	Ref	Full Body Rail Light Kit	
	1001305537	Ref	Hardware Attachment Point Kit	
	1001308216	Ref	Short Body Rail Light Kit	
	1001305526	Ref	Tunnel Full Width Shelf Kit	
	1001301532	Ref	Tunnel (Top Diamond - No Pylon) Kit	
	1001300970	Ref	Tunnel Stone Guard Kit	
	1001307900	Ref	Tunnel (Rear Diamond) Kit	
	1001305531	Ref	Tunnel Fork Storage 6x1 Kit	
	1001305530	Ref	Tunnel Tool Storage Grip Kit	
	1001305532	Ref	Tunnel Fork Storage 3x2 Kit	
	1001300971	Ref	Tunnel (Top Diamond) Kit	
	1001305529	Ref	Tunnel Shovel Profile Storage Kit	
	1001305527	Ref	Tunnel Half width Shelf Kit	
	1001305528	Ref	Tunnel Chain Block Channel Kit	
	1001308218	Ref	Under Body Rail Kit	
	1001308219	Ref	Under Body Rail Light Kit	
	1001308220	Ref	Under Body Single Light Kit	
	1001308221	Ref	Under Tunnel Rail Kit	
	1001308222	Ref	Under Tunnel Rail Light Kit	
	1001305534	Ref	Wire Basket Shelf 4"x4" Kit	
	1001305535	Ref	Wire Basket Shelf 6"x12" Kit	

FIGURE 9-2. BUMPER INSTALLATION - PUSH (FRONT WITH GRILL GUARD) (DODGE 2011+)

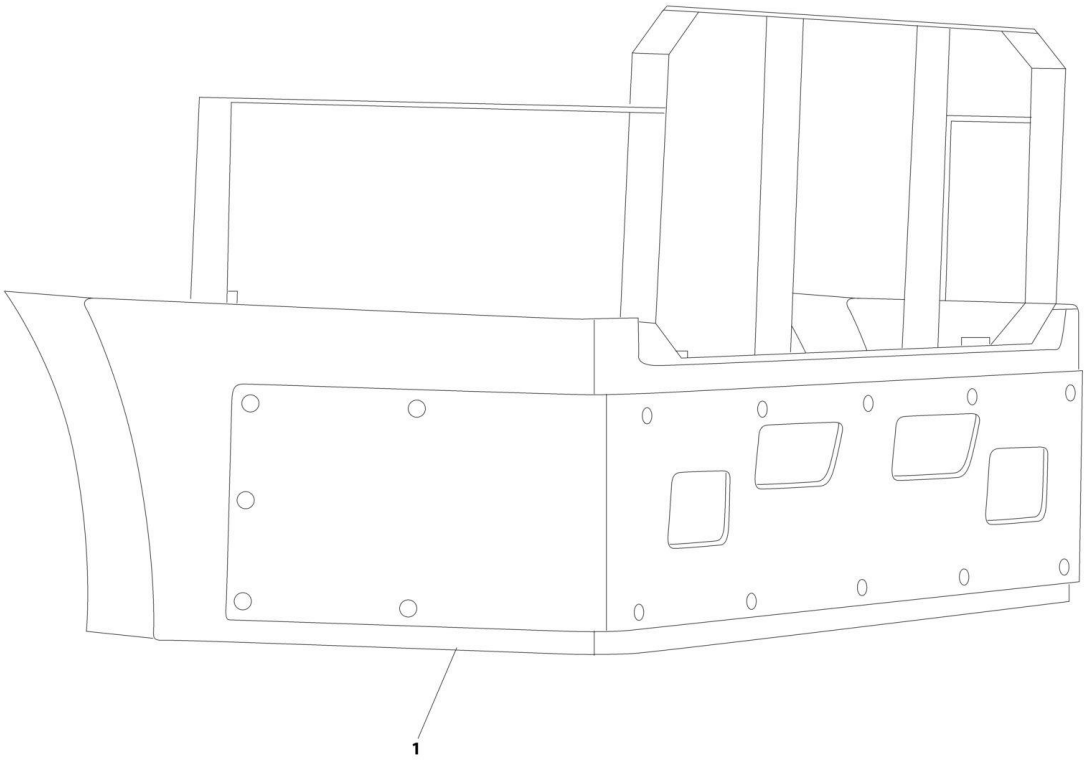


FIGURE 9-2. BUMPER INSTALLATION - PUSH (FRONT WITH GRILL GUARD) (DODGE 2011+)

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

FIGURE 9-3. BUMPER INSTALLATION - PUSH (FRONT WITH GRILL GUARD) (FORD F450-F550 2011-2016)

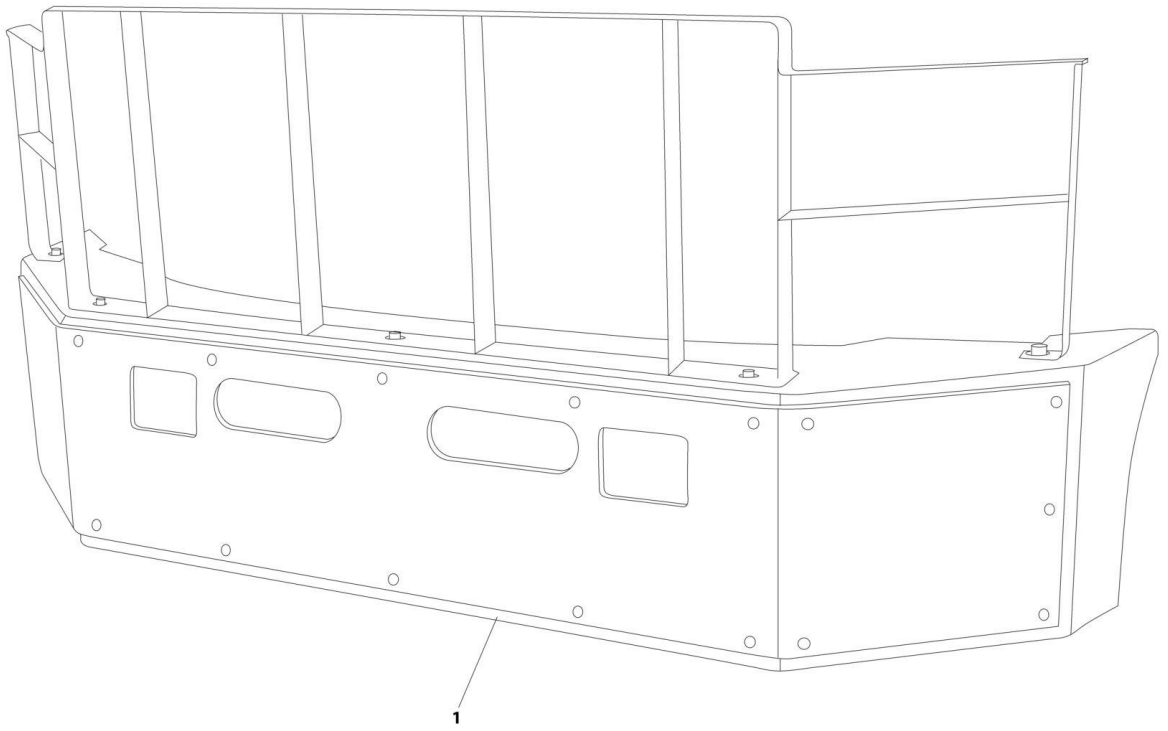


FIGURE 9-3. BUMPER INSTALLATION - PUSH (FRONT WITH GRILL GUARD) (FORD F450-F550 2011-2016)

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

FIGURE 9-4. BUMPER INSTALLATION - PUSH (FRONT WITH GRILL GUARD) (FORD F450-F550 2017+)

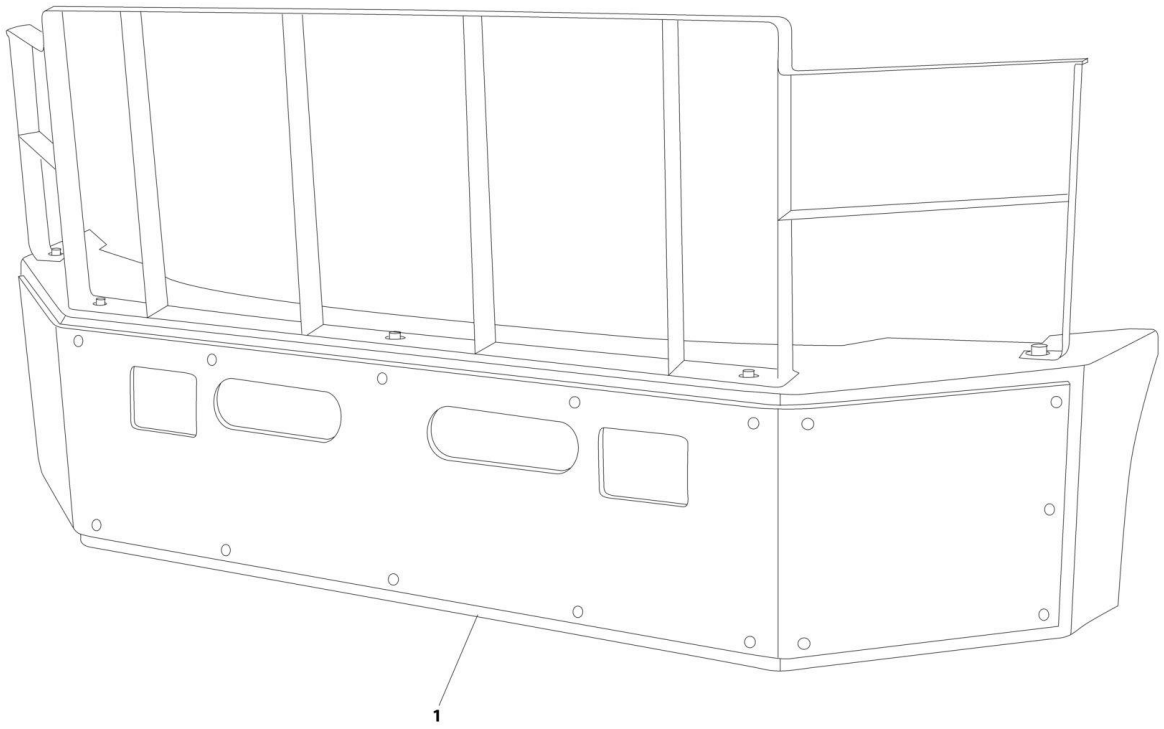
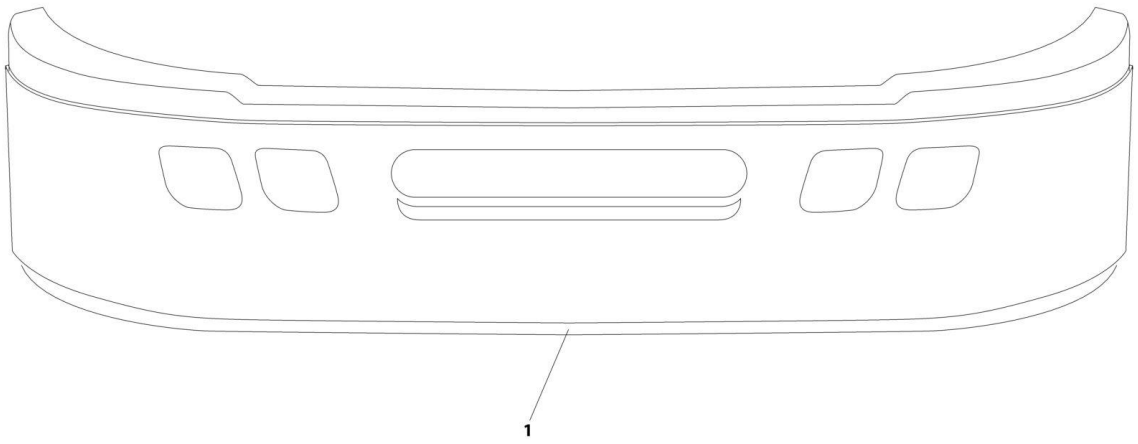


FIGURE 9-4. BUMPER INSTALLATION - PUSH (FRONT WITH GRILL GUARD) (FORD F450-F550 2017+)

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

FIGURE 9-5. BUMPER INSTALLATION - PUSH (FRONT) (CV515 4X2 2019+)

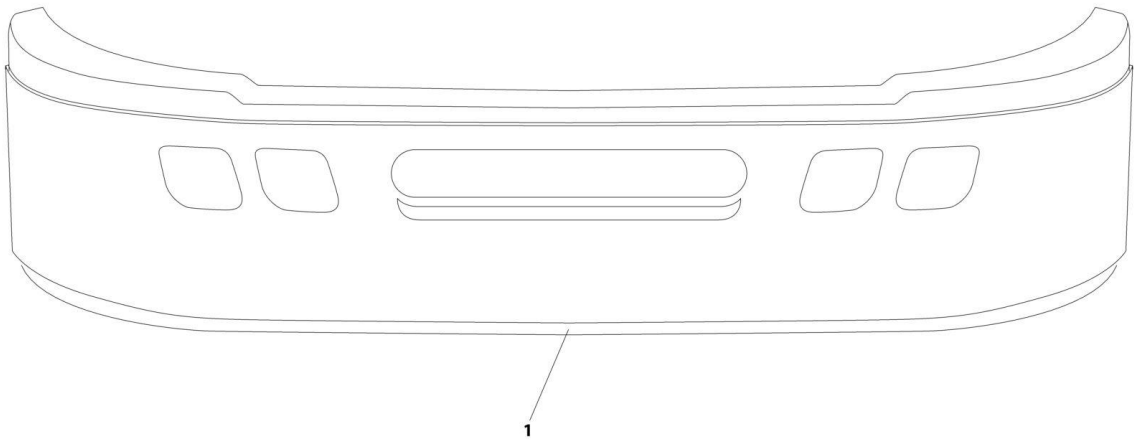


ART_1001256227

FIGURE 9-5. BUMPER INSTALLATION - PUSH (FRONT) (CV515 4X2 2019+)

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

FIGURE 9-6. BUMPER INSTALLATION - PUSH (FRONT) (CV515 4X4 2019+)

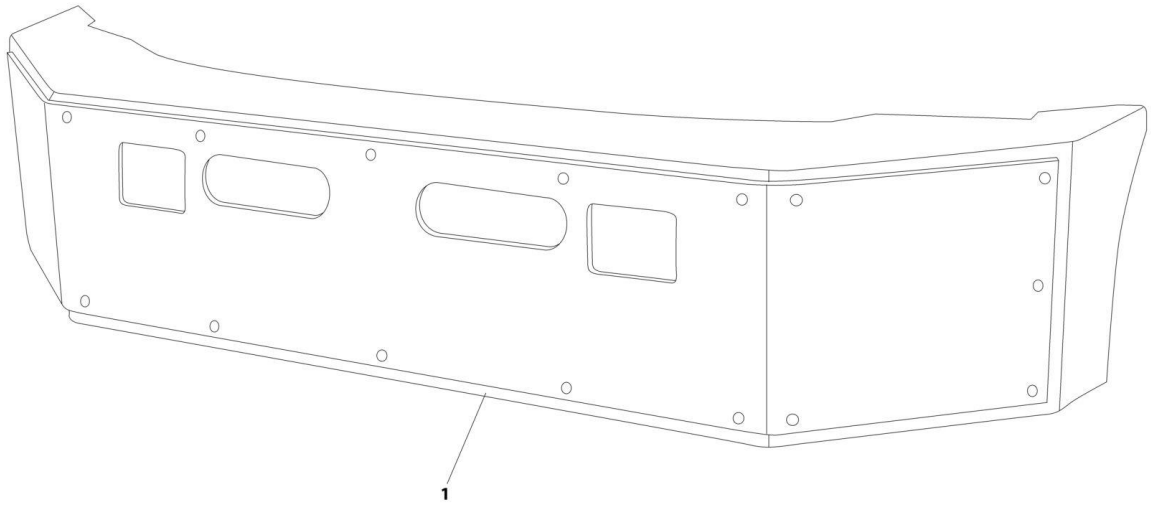


ART_1001256228

FIGURE 9-6. BUMPER INSTALLATION - PUSH (FRONT) (CV515 4X4 2019+)

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

FIGURE 9-7. BUMPER INSTALLATION - PUSH (FRONT) (FORD F450-F550 2011-2016)



ART_1001134181

FIGURE 9-7. BUMPER INSTALLATION - PUSH (FRONT) (FORD F450-F550 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	

FIGURE 9-8. BUMPER INSTALLATION - PUSH (FRONT) (FORD F450-F550 2017+)

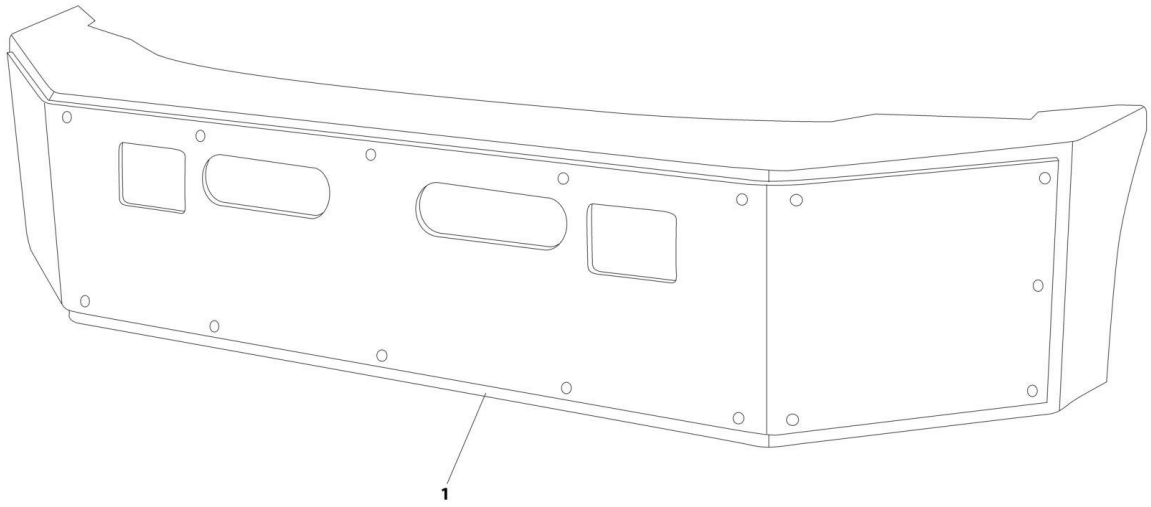
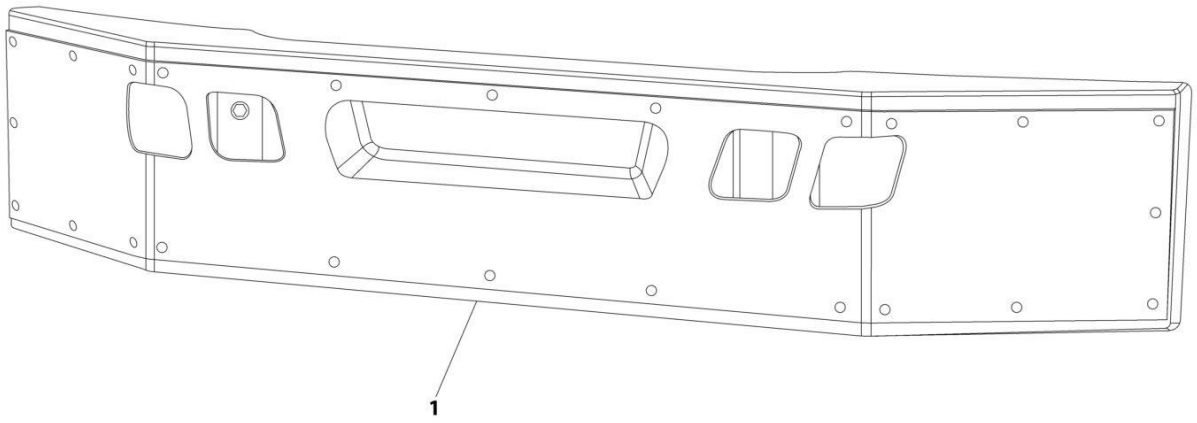


FIGURE 9-8. BUMPER INSTALLATION - PUSH (FRONT) (FORD F450-F550 2017+)

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

FIGURE 9-9. BUMPER INSTALLATION - PUSH (FRONT) (FORD F650-F750 2011-2016)



ART_1001133674

FIGURE 9-9. BUMPER INSTALLATION - PUSH (FRONT) (FORD F650-F750 2011-2016)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001133674	Ref	BUMPER INSTALLATION - PUSH (FRONT) (NO GRILLE GUARD) (FORD F650 2011-2016)	A
1	1001129909	1	Bumper	

FIGURE 9-10. BUMPER INSTALLATION - PUSH (FRONT) (FREIGHTLINER 2008+)

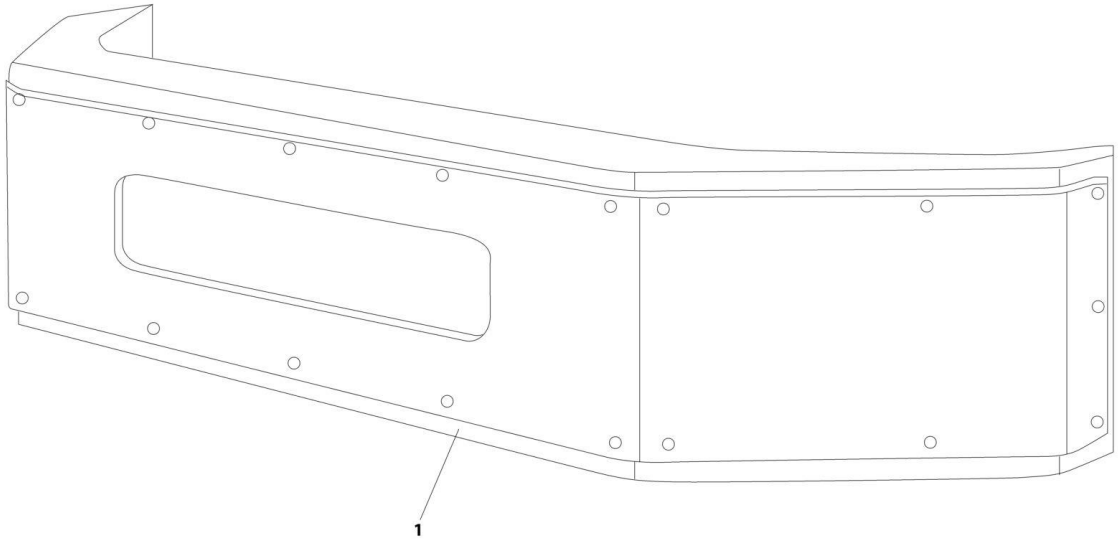


FIGURE 9-10. BUMPER INSTALLATION - PUSH (FRONT) (FREIGHTLINER 2008+)

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

FIGURE 9-11. DOLLY INSTALLATION (ALUMINUM)

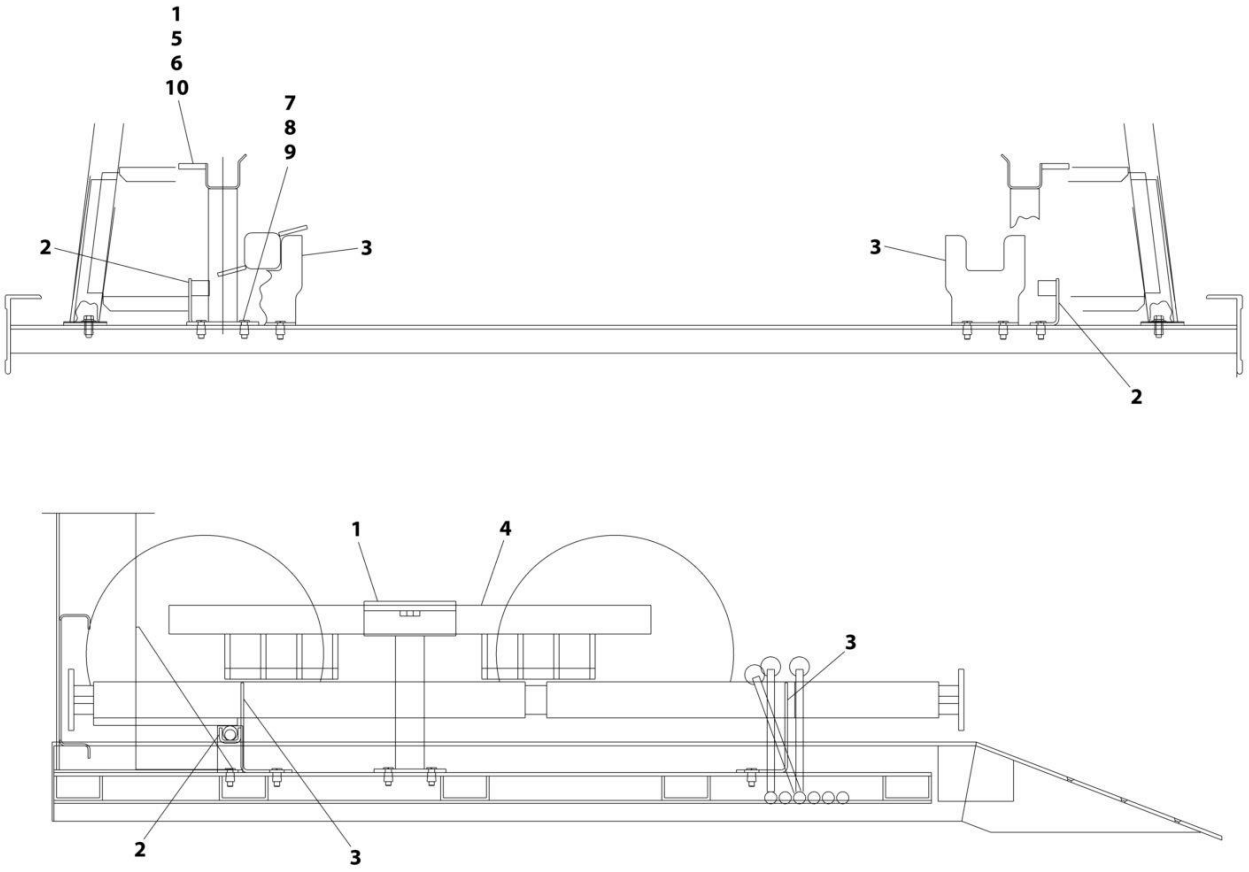


FIGURE 9-11. DOLLY INSTALLATION (ALUMINUM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001131154	Ref	DOLLY INSTALLATION (ALUMINUM)	B
1	3178000033	2	Bracket	
2	3178000056	2	Bracket	
3	4178000215	4	Bracket	
4	7002000380	1	Dolly Aluminum	
5	7111161264	2	Bolt 3/8 x 1-1/2	
6	7660162100	2	Nut 3/8	
7	7413000003	18	Nut 3/8	
8	7111161050	18	Bolt 3/8 x 1-1/4	
9	7950160000	18	Washer 3/8 ID	
10	7950160251	20	Washer 3/8	
12	8632000002	1 ft	Trim (Not Shown)	

FIGURE 9-12. DOLLY INSTALLATION (STEEL)

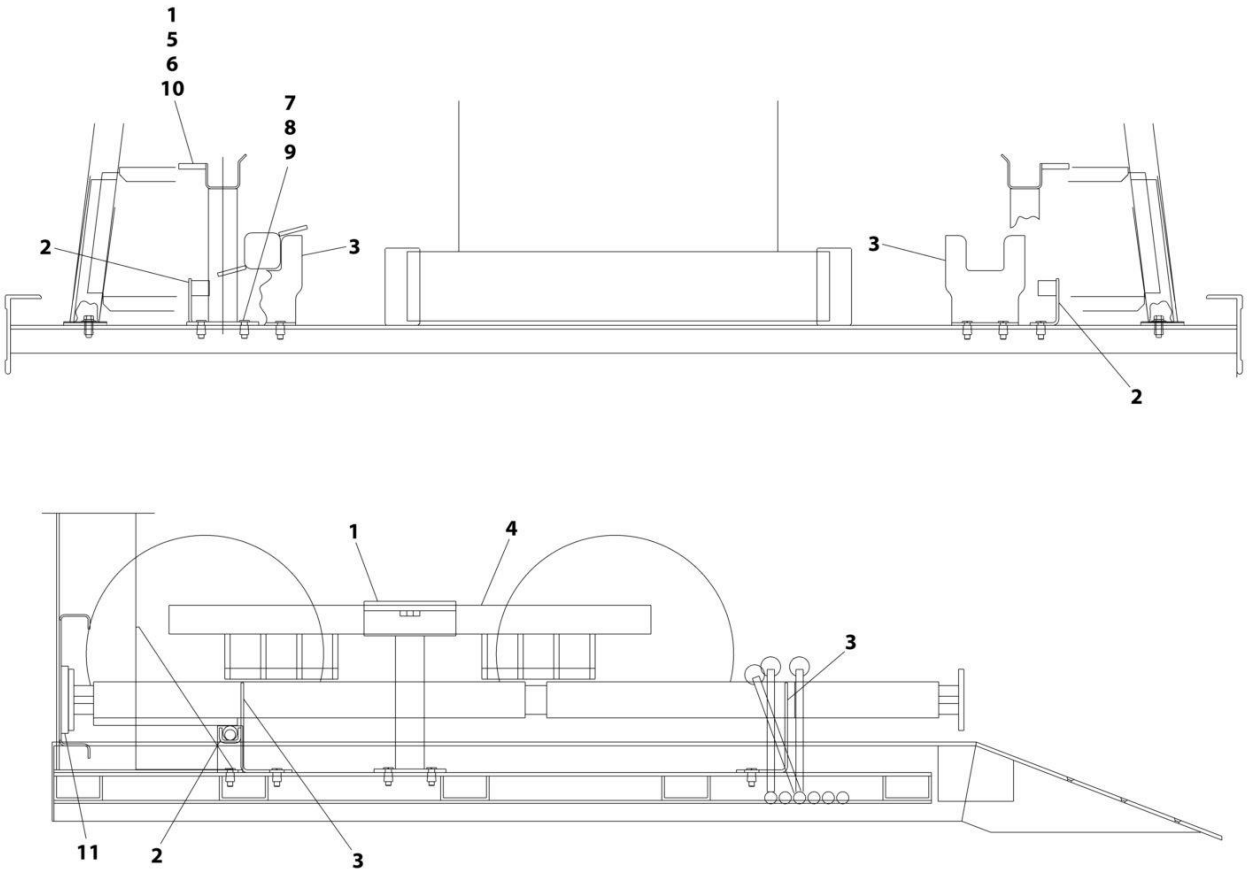
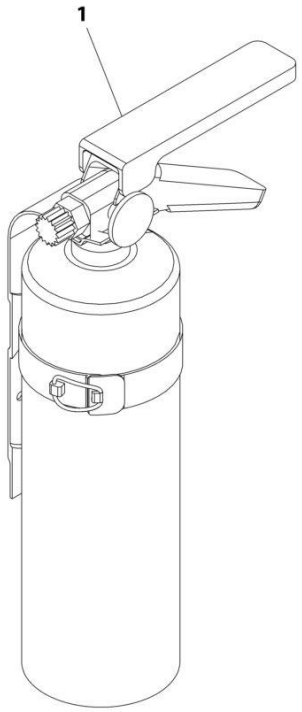


FIGURE 9-12. DOLLY INSTALLATION (STEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2500870652	Ref	DOLLY INSTALLATION (STEEL)	B
1	3178000458	2	Bracket	
2	3178000056	2	Bracket	
3	4178000215	2	Bracket	
4	3002000014	1	Dolly Rework	
5	7111161264	2	Bolt 3/8 x 1-1/2	
6	7660162100	2	Nut 3/8	
7	7413000003	18	Nut 3/8	
8	7111161050	18	Bolt 3/8 x 1-1/4	
9	7950160000	18	Washer 3/8 ID	
10	7950160251	18	Washer 3/8	
11	4679000013	2	Pad	
12	4632000001	1 in	Trim (Not Shown)	

FIGURE 9-13. FIRE EXTINGUISHER

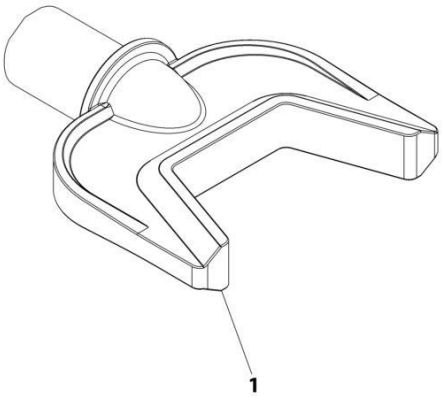


ART_2002000028

FIGURE 9-13. FIRE EXTINGUISHER

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

FIGURE 9-14. FORK - FRAME (LARGE)

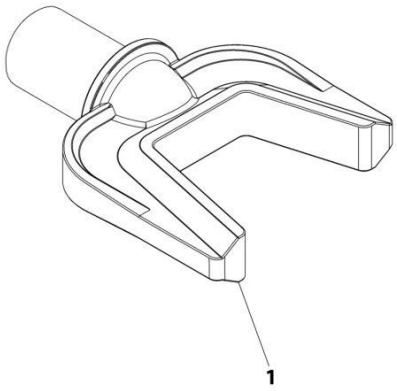


ART_LFF

FIGURE 9-14. FORK - FRAME (LARGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	LFF	Ref	FORKS AND ADAPTERS	0
1	7454000008	2	Large Frame Fork	

FIGURE 9-15. FORK - FRAME (SMALL)

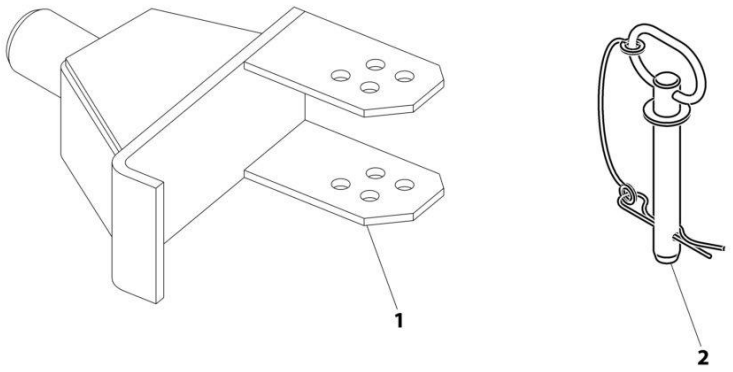


ART_SFF

FIGURE 9-15. FORK - FRAME (SMALL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	SFF	Ref	FORKS AND ADAPTERS	0
1	7454000007	2	Small Frame Fork	

FIGURE 9-16. FORK - SPRING HANGAR (1 PAIR))



ART_SHF

FIGURE 9-16. FORK - SPRING HANGAR (1 PAIR))

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	SHF	Ref	FORKS AND ADAPTERS	0
1	3512880016	2	Spring Hanger Fork	
2	7691000017	2	Hitch Pin	

FIGURE 9-17. FORK HOLDERS - HIGH (1 PAIR)

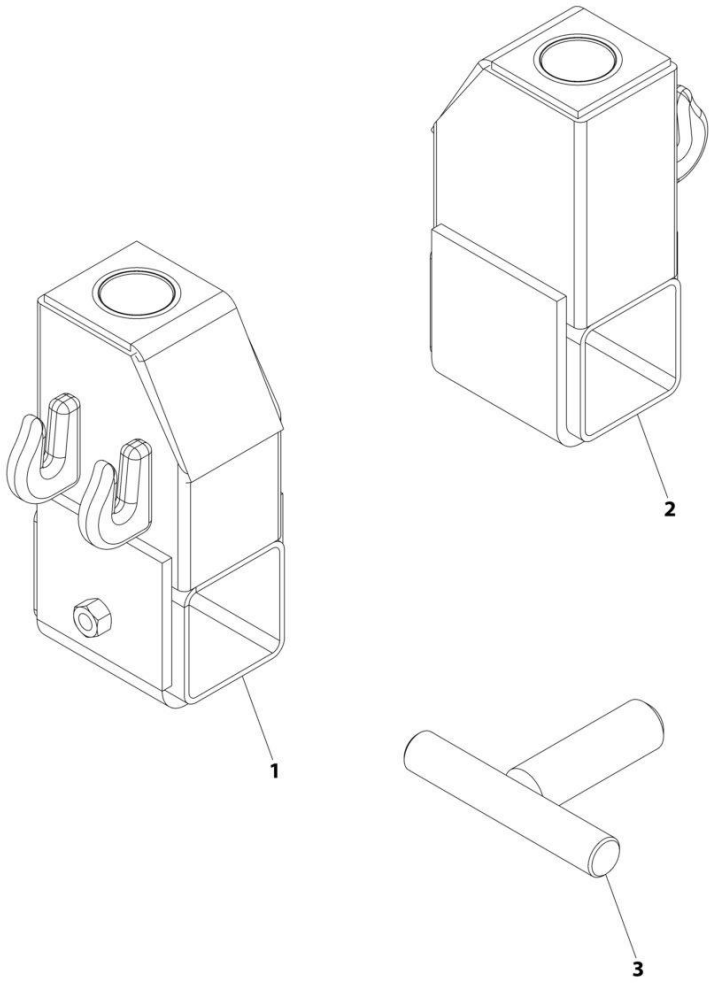
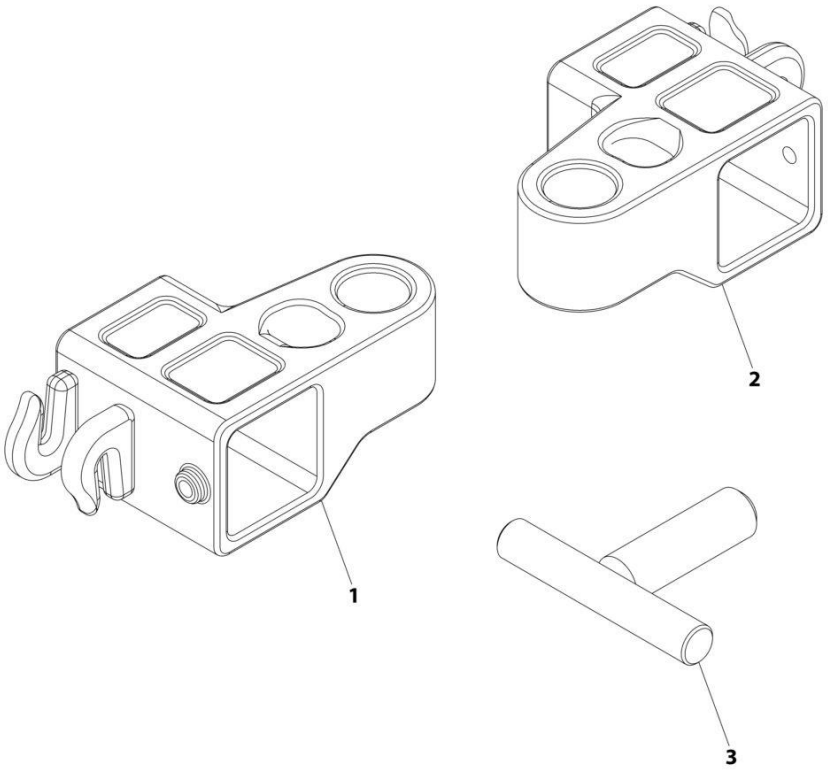


FIGURE 9-17. FORK HOLDERS - HIGH (1 PAIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	HFH	Ref	FORKS AND ADAPTERS	0
1	3512880013	1	High Fork Adapter. - LH	
2	3512880012	1	High Fork Adapter - RH	
3	3551000036	2	T-Handle	

FIGURE 9-18. FORK HOLDERS - LOW (1 PAIR)

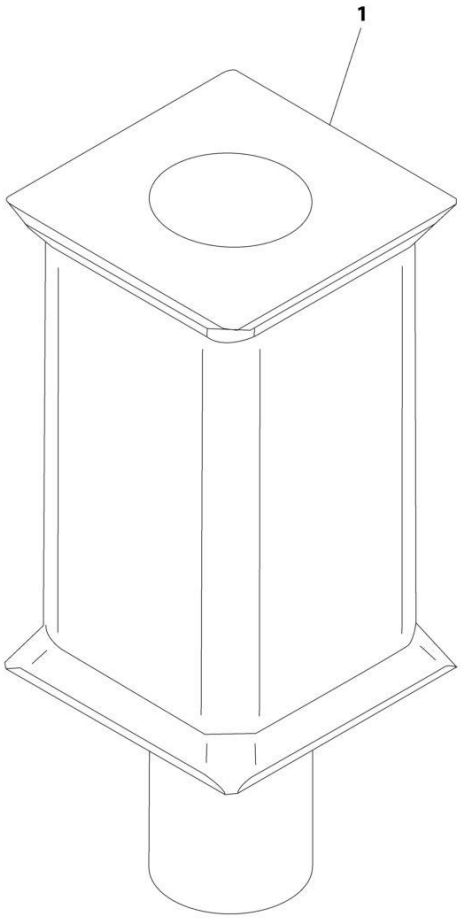


ART_LFH

FIGURE 9-18. FORK HOLDERS - LOW (1 PAIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	LFH	Ref	FORKS AND ADAPTERS	0
1	7007000057	1	Low Fork Adapter - LH	
2	7007000058	1	Low Fork Adapter - RH	
3	3551000036	2	T-Handle	

FIGURE 9-19. FORK RISERS

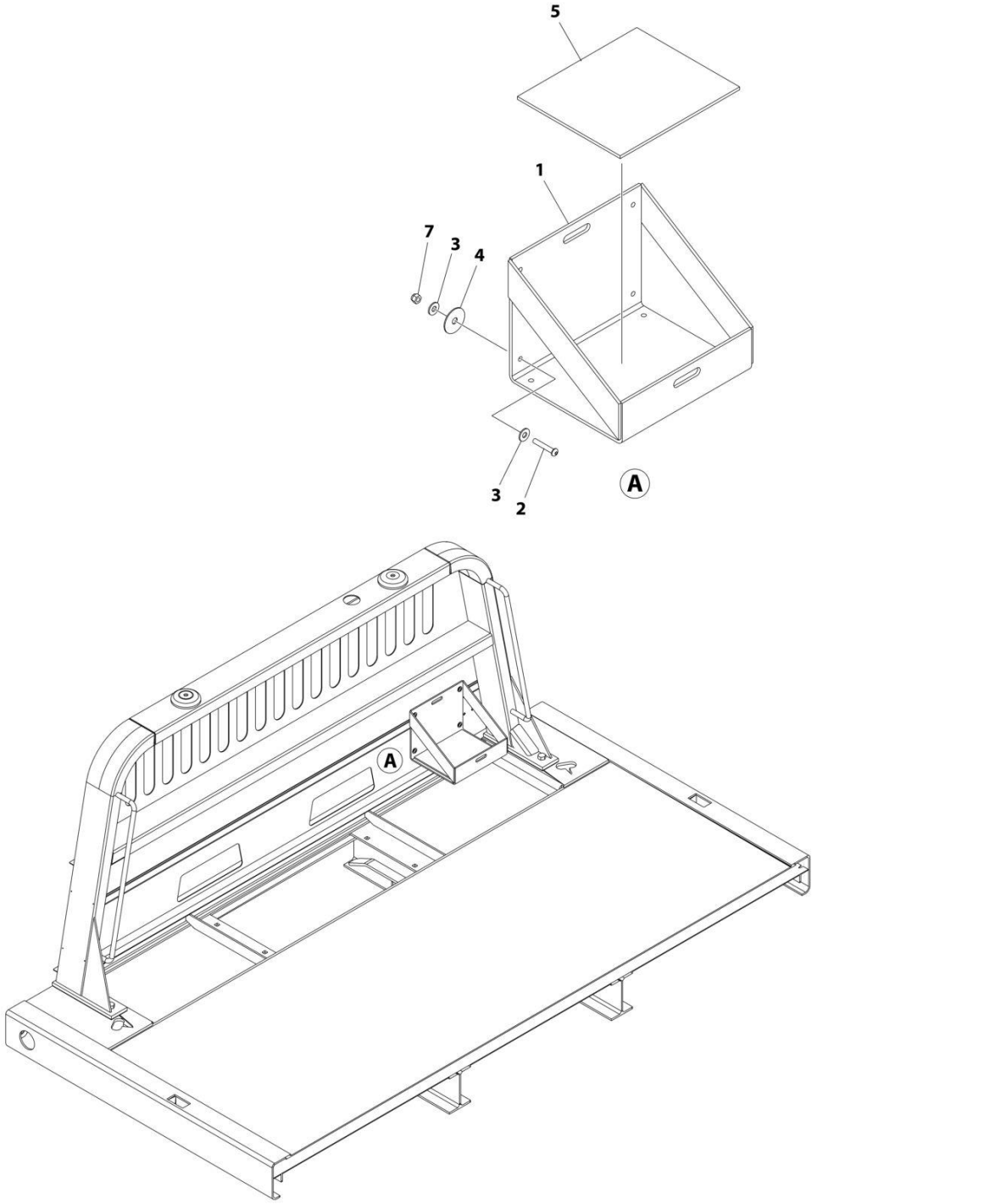


ART_1001231627

FIGURE 9-19. FORK RISERS

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

FIGURE 9-20. FUEL CAN STORAGE TRAY INSTALLATION (SN 0230003432 to Present)



ART_1001211866

FIGURE 9-20. FUEL CAN STORAGE TRAY INSTALLATION (SN 0230003432 to Present)

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	

SECTION 9 - ACCESSORIES

FIGURE 9-21. FUEL CAN STORAGE TRAY INSTALLATION (SN 0230002518 through 0230003431)

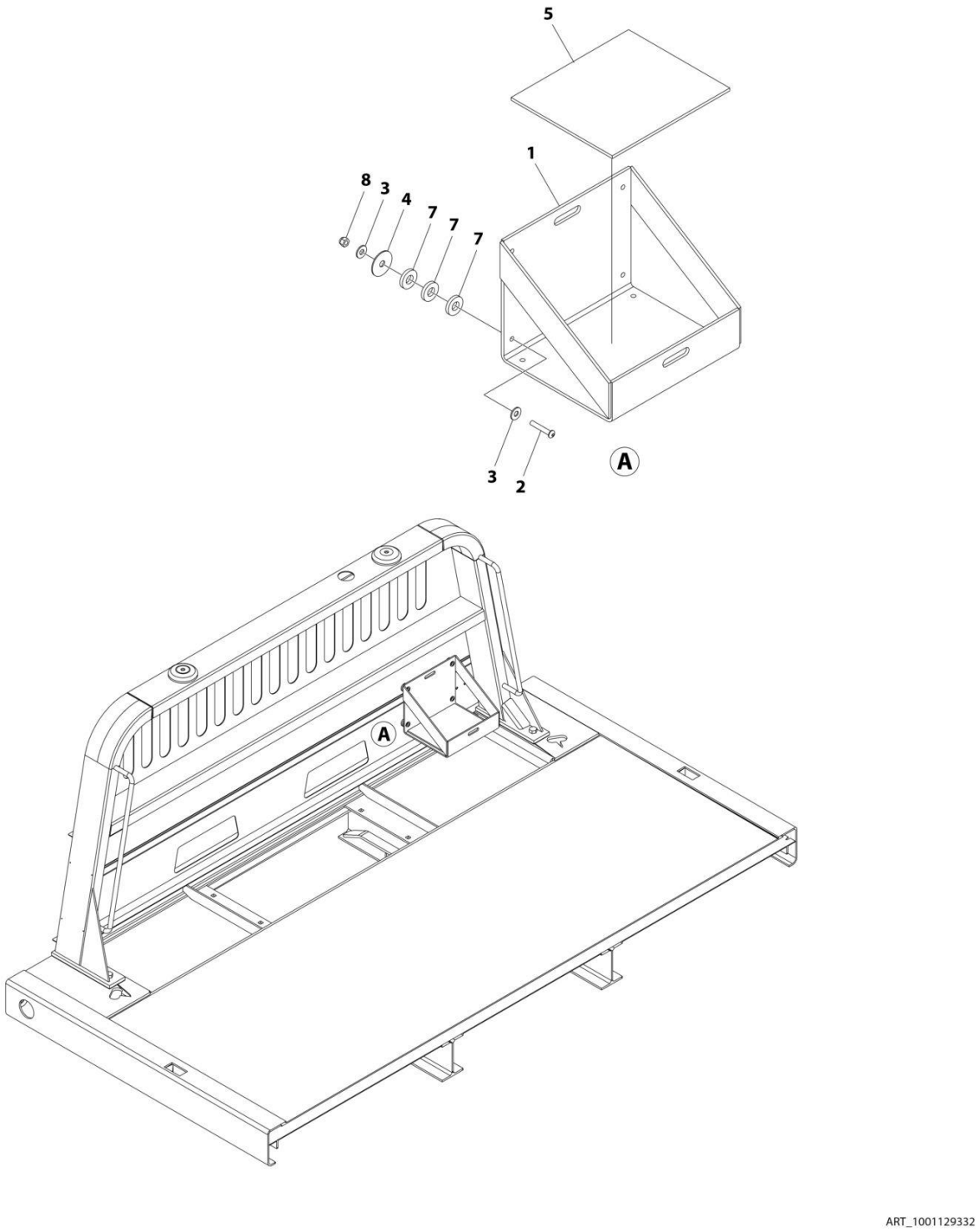


FIGURE 9-21. FUEL CAN STORAGE TRAY INSTALLATION (SN 0230002518 through 0230003431)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129332	Ref	FUEL CAN HOLDER INSTALLATION	F
1	3178000471	1	Bracket	
2	7114141218	4	Capscrew 1/4	
3	4751400001	8	Washer 1/4	
4	7949000055	4	Washer	
5	4679000274	1	Pad	
6	7894000063	1	Tie-Strap (Not Shown)	
7	4891800	12	Washer 1/2	
8	7660142601	4	Nut 1/4	

FIGURE 9-22. HITCH ASSEMBLY - DUAL LINE (MEDIUM DUTY)

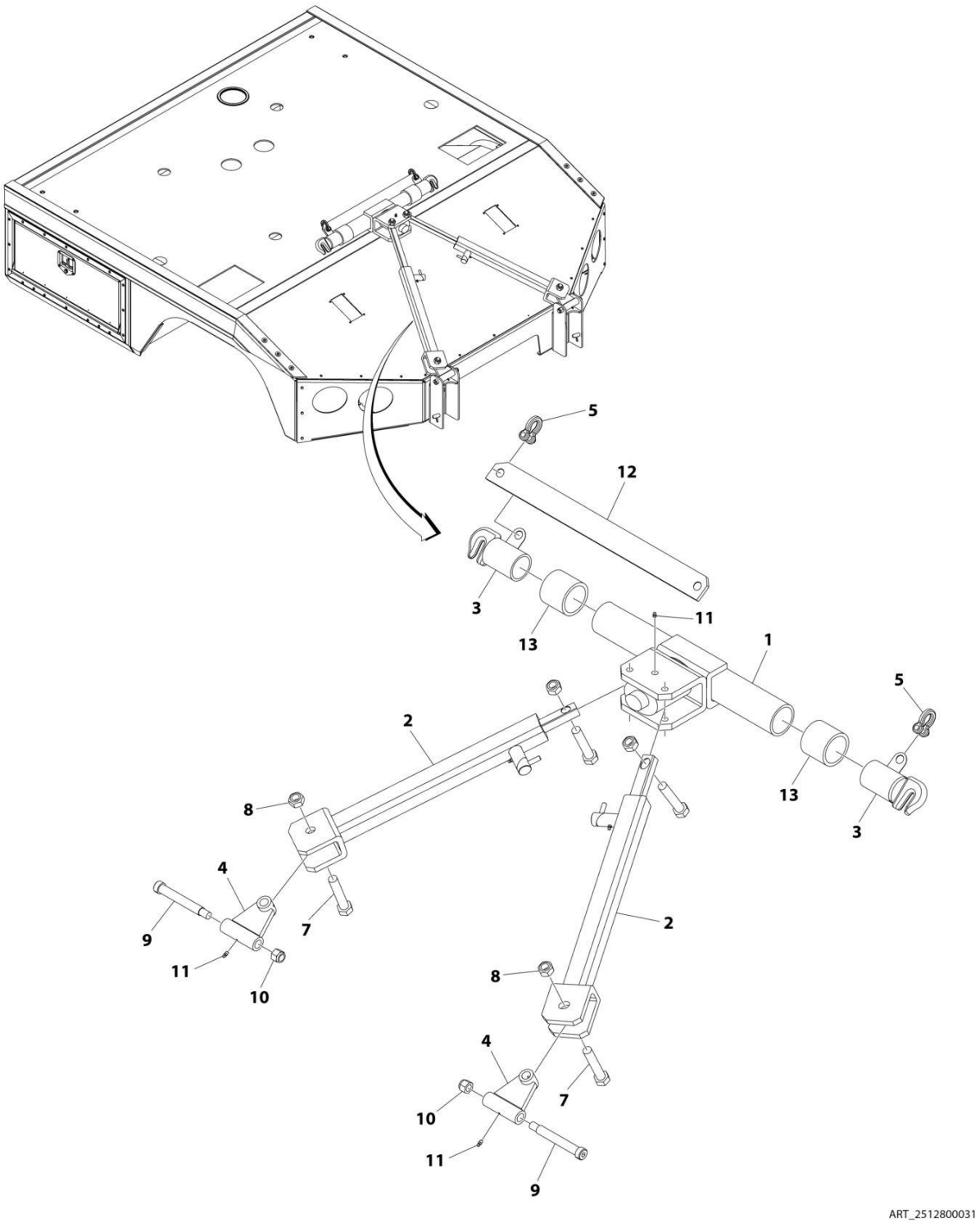


FIGURE 9-22. HITCH ASSEMBLY - DUAL LINE (MEDIUM DUTY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2512800031	Ref	TOW SLING INSTALLATION - DUAL WINCH	D
1	3512800043	1	Tow Sling Head	
2	3020000067	2	Hold Back Bar	
3	3912000003	2	Tube	
4	3309000006	2	U-Joint	
5	7804000002	2	Shackle	
7	7105223250	4	Bolt 3/4 x 4	
8	7661000017	4	Nut 3/4	
9	7115223806	2	Bolt 5/8 x 4-3/4	
10	7660202601	2	Nut 5/8	
11	7440030000	7	Fitting, Straight	
12	4706000983	1	Plate	
13	8565760025	2	Hose	
17	7262000014	2	Chain (Not Shown)	

FIGURE 9-23. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (19IN WIDE) (ALUMINUM BODY)

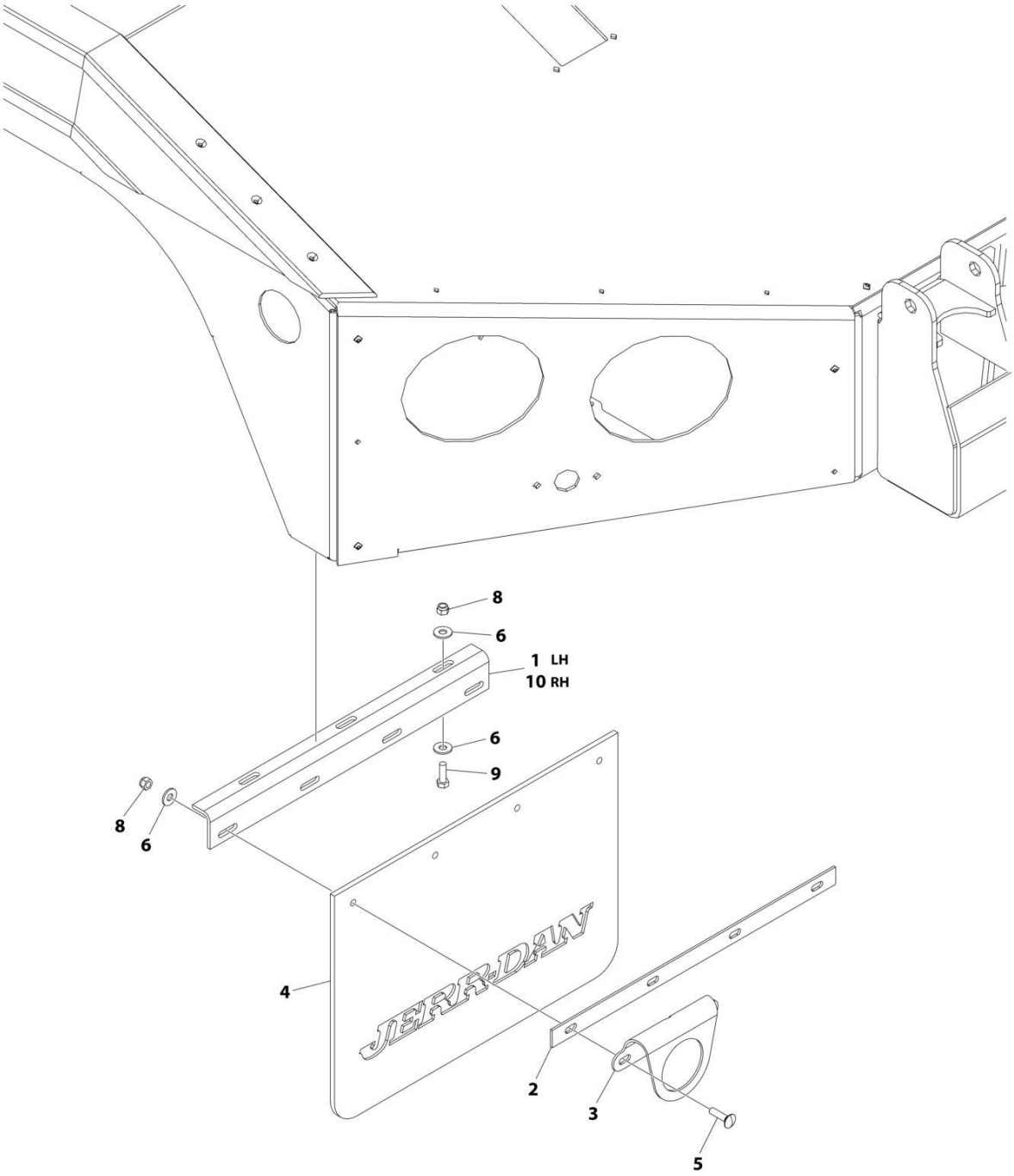


FIGURE 9-23. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (19IN WIDE) (ALUMINUM BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080040	Ref	MUD FLAPS INSTALLATION	B
1	4017000478	1	Angle	
2	4706001123	2	Plate	
3	4178000073	2	Bracket	
4	7638000003	2	Mud Flap	
5	7115151064	8	Bolt 5/16 x 1-1/4	
6	4751500	20	Washer 5/16	
8	7660152601	14	Nut 5/16	
9	0641508	6	Bolt 5/16 x 1	
10	4017000482	1	Angle	

FIGURE 9-24. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (19IN WIDE) (STEEL BODY)

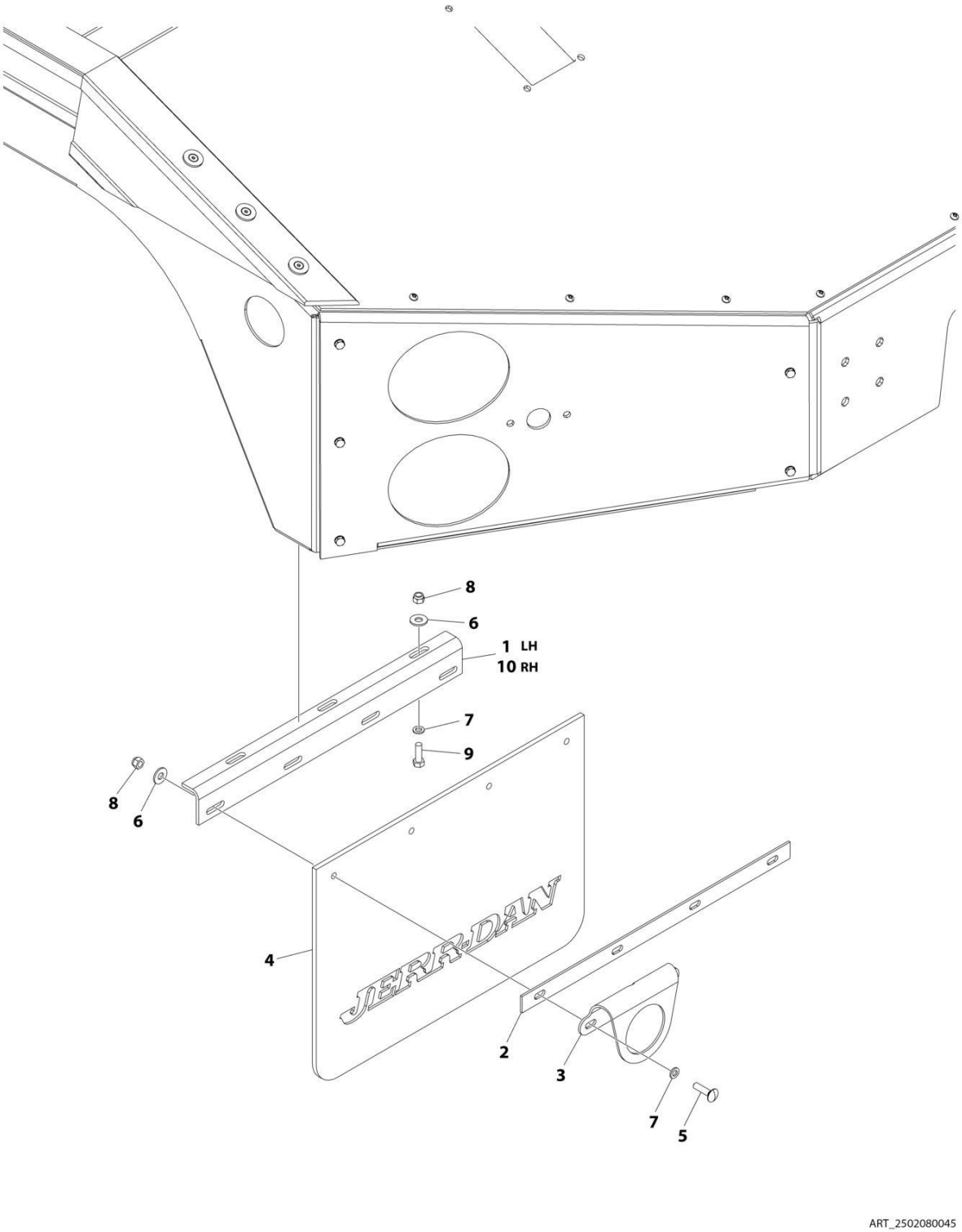


FIGURE 9-24. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (19IN WIDE) (STEEL BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080045	Ref	MUD FLAPS INSTALLATION	0
1	4017000492	1	Angle	
2	4706001123	2	Plate	
3	4178000073	2	Bracket	
4	7638000003	2	Mud Flap	
5	7111151010	8	Bolt 5/16 x 1-1/4	
6	7950150161	14	Washer 5/16	
7	7950150000	14	Washer 5/16	
8	7660150000	14	Nut 5/16	
9	7111150850	6	Bolt 5/16 x 1	
10	4017000493	1	Angle	

FIGURE 9-25. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (24IN WIDE) (ALUMINUM BODY)

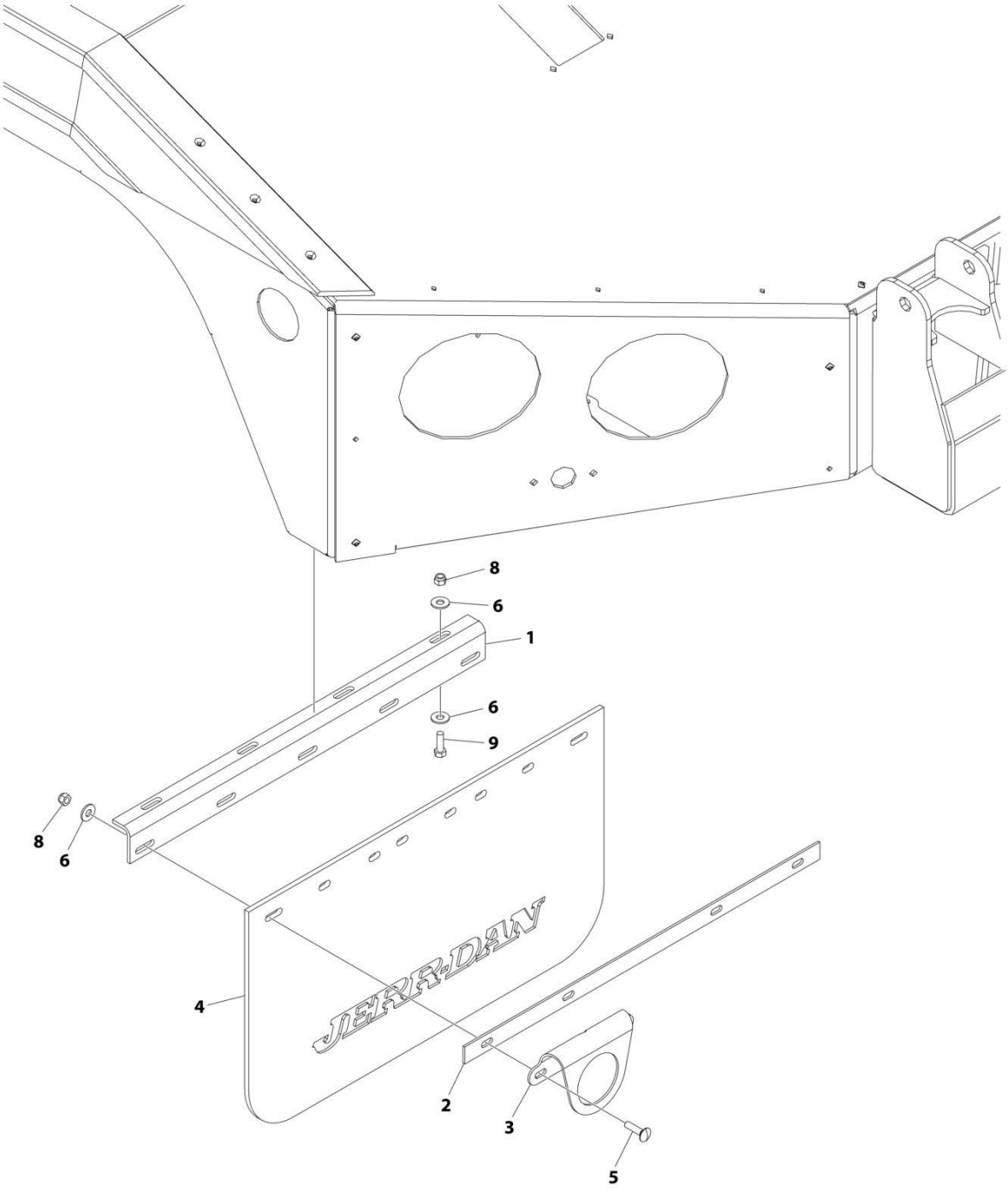


FIGURE 9-25. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (24IN WIDE) (ALUMINUM BODY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080100	Ref	MUD FLAPS INSTALLATION	B
1	4017000481	2	Angle	
2	4706001125	2	Plate	
3	4178000073	2	Bracket	
4	7638000007	2	Mud Flap	
5	7115151064	8	Bolt 5/16 x 1-1/4	
6	4751500	20	Washer 5/16	
8	7660152601	14	Nut 5/16	
9	0641508	6	Bolt 5/16 x 1	

FIGURE 9-26. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (24IN WIDE) (STEEL BODY ON FORD/DODGE)

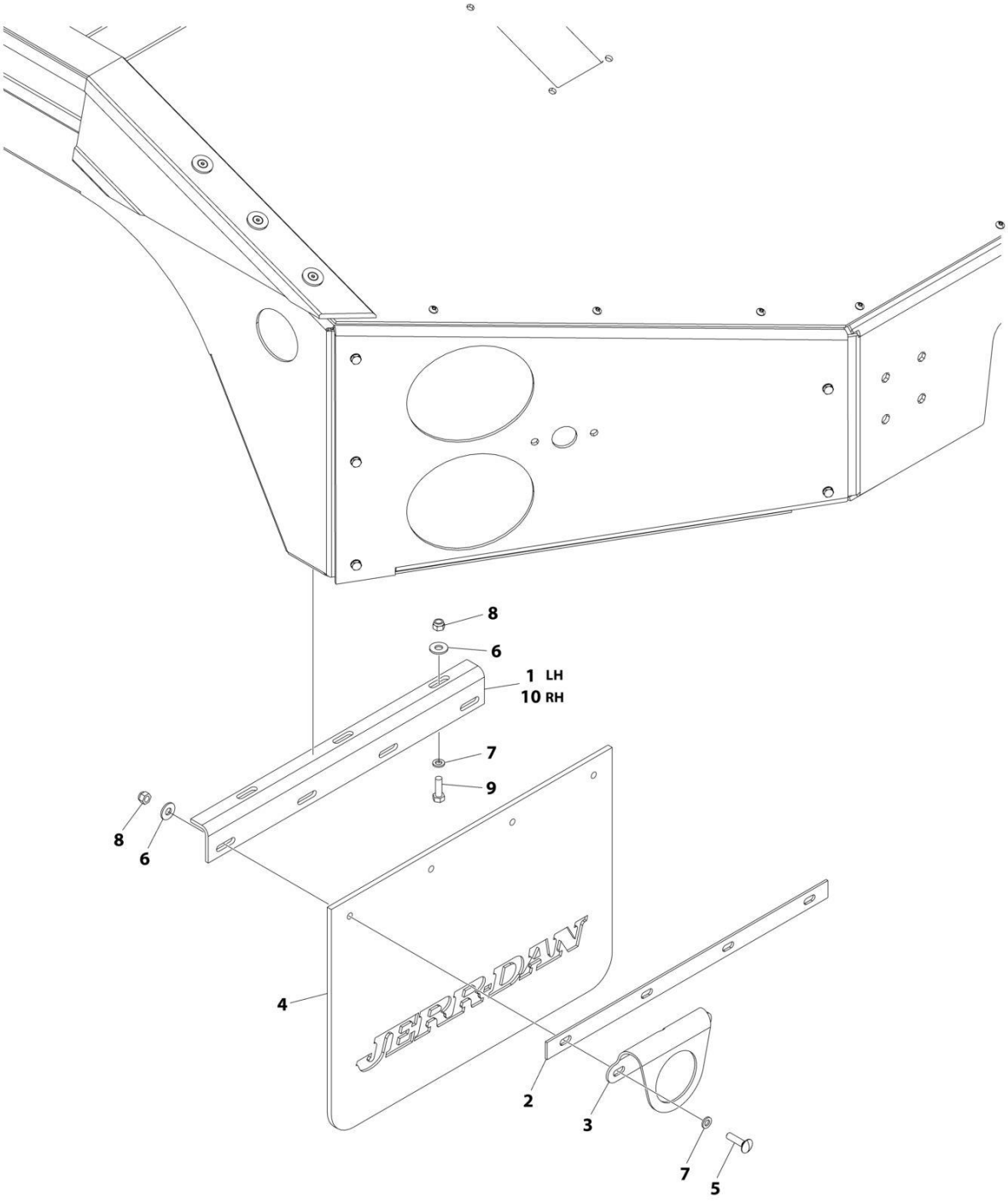


FIGURE 9-26. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (24IN WIDE) (STEEL BODY ON FORD/DODGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080046	Ref	MUD FLAPS INSTALLATION	0
1	4017000494	1	Angle	
2	4706001124	2	Plate	
3	4178000073	2	Bracket	
4	7638000003	2	Mud Flap	
5	7111151010	8	Bolt 5/16 x 1-1/4	
6	7950150161	14	Washer 5/16	
7	7950150000	14	Washer 5/16	
8	7660150000	14	Nut 5/16	
9	7111150850	6	Bolt 5/16 x 1	
10	4017000495	1	Angle	

FIGURE 9-27. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (24IN WIDE) (STEEL BODY ON IHC)

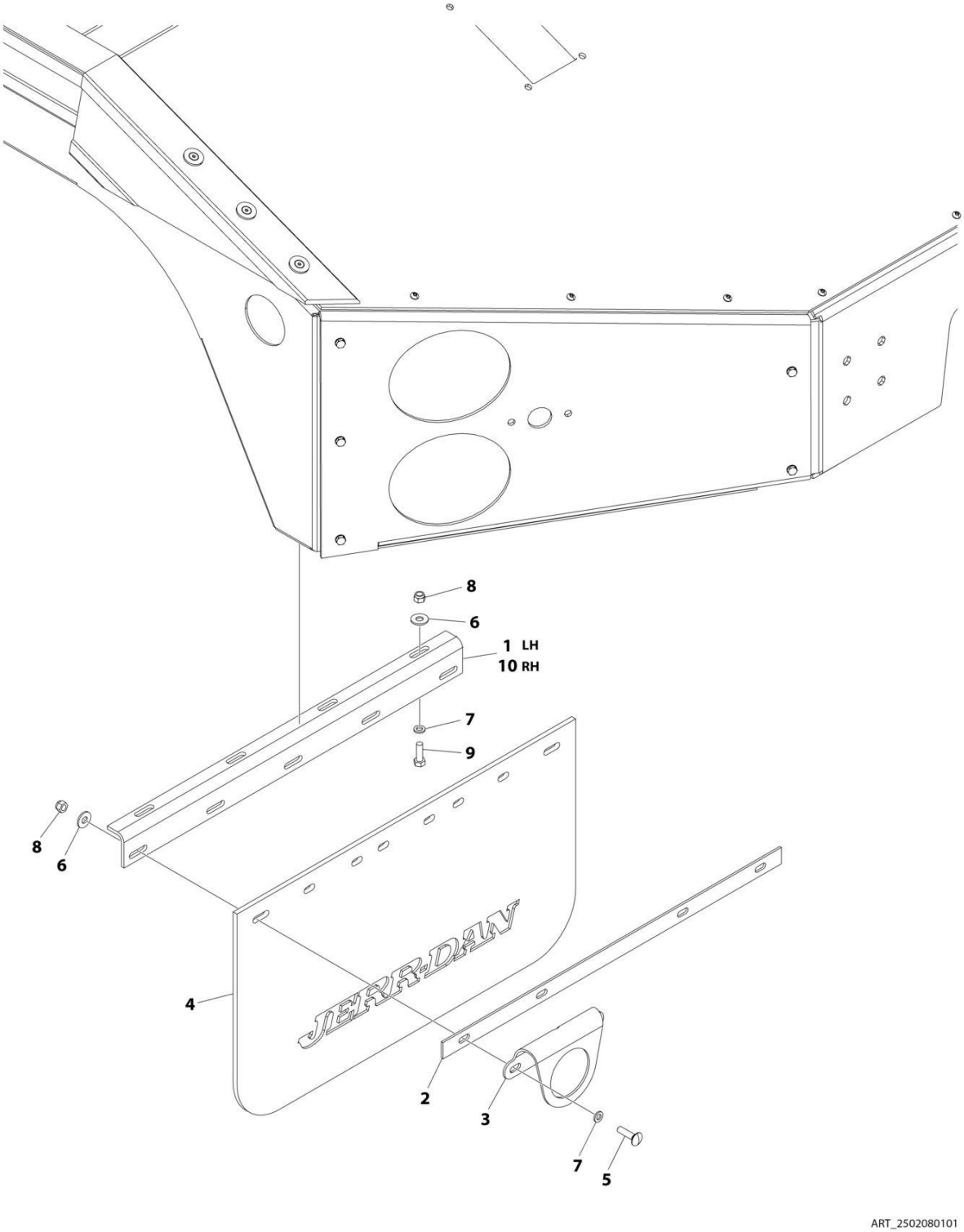
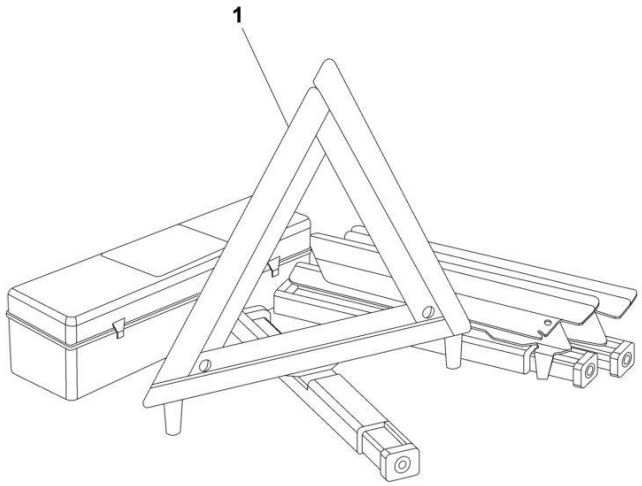


FIGURE 9-27. MUDFLAPS INSTALLATION - FACTORY SUPPLIED (24IN WIDE) (STEEL BODY ON IHC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2502080101	Ref	MUD FLAPS INSTALLATION	0
1	4017000496	1	Angle	
2	4706001125	2	Plate	
3	4178000073	2	Bracket	
4	7638000007	2	Mud Flap	
5	7111151010	8	Bolt 5/16 x 1-1/4	
6	7950150161	14	Washer 5/16	
7	7950150000	14	Washer 5/16	
8	7660150000	14	Nut 5/16	
9	7111150850	6	Bolt 5/16 x 1	
10	4017000497	1	Angle	

FIGURE 9-28. SAFETY TRIANGLE KIT



ART_STK

FIGURE 9-28. SAFETY TRIANGLE KIT

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

FIGURE 9-29. SCOTCH BLOCKS WITH STORAGE BRACKETS (LARGE)

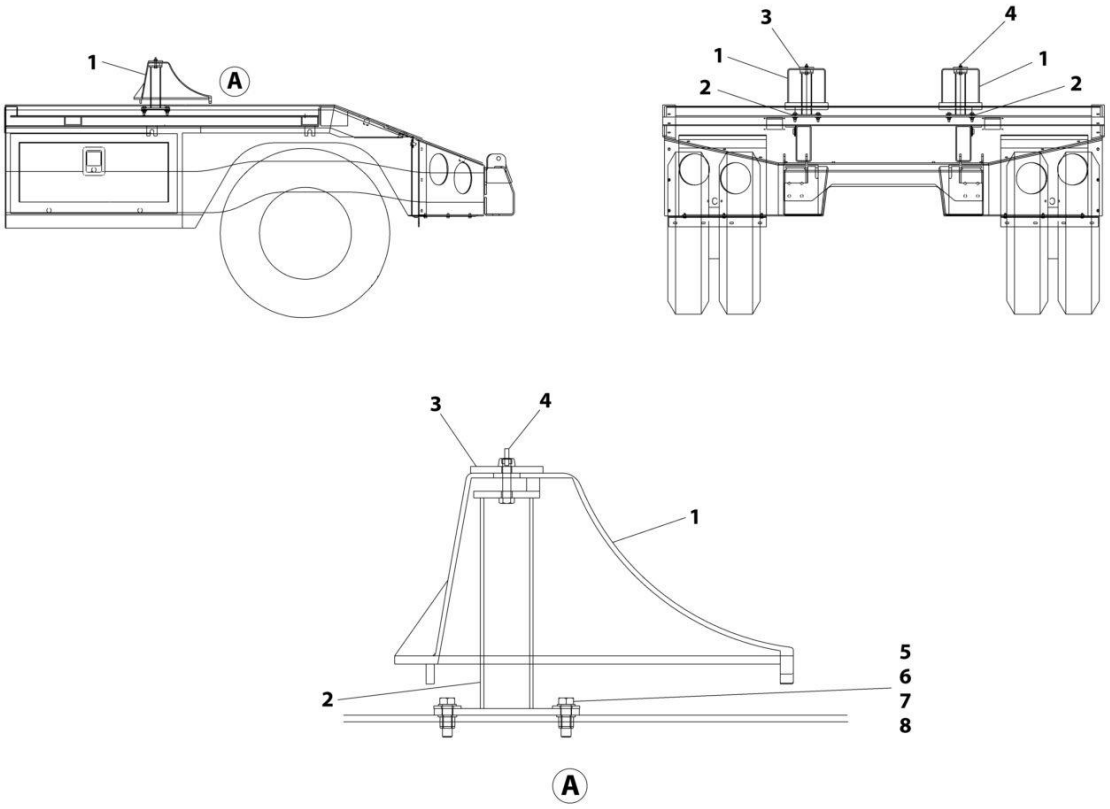


FIGURE 9-29. SCOTCH BLOCKS WITH STORAGE BRACKETS (LARGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2500870067	Ref	WHEEL CHOCKS	B
1	7002000120	AR	Wheel Chock	
2	3636000012	2	Mount	
3	4949000016	2	Washer 1/4	
4	7660162100	2	Nut 3/8	
5	7413000003	4	Nut 3/8	
6	7111161050	4	Bolt 3/8 x 1-1/4	
7	7950160000	4	Washer 3/8 ID	
8	7950160161	4	Washer 3/8	

FIGURE 9-30. SCOTCH BLOCKS WITH STORAGE BRACKETS (SMALL)

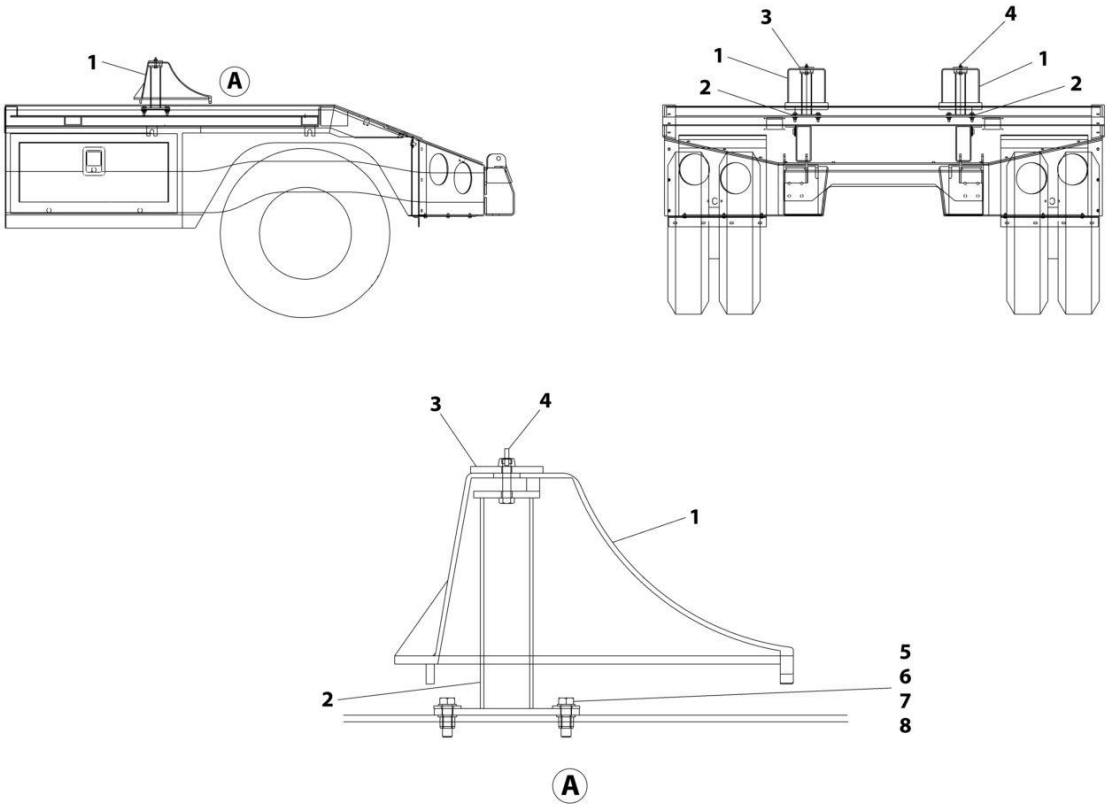
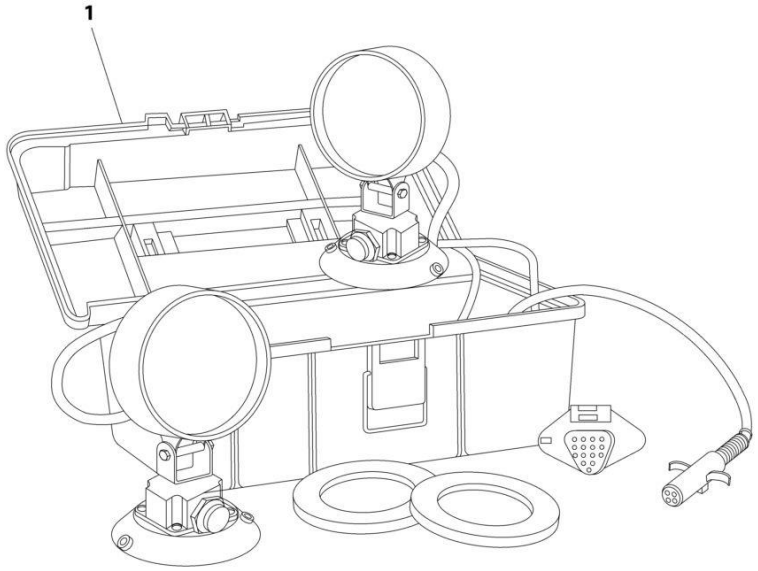


FIGURE 9-30. SCOTCH BLOCKS WITH STORAGE BRACKETS (SMALL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2500870068	Ref	WHEEL CHOCKS	A
1	7002000121	AR	Wheel Chock	
2	3636000013	2	Mount	
3	4949000015	2	Washer 1/4	
4	7660162100	2	Nut 3/8	
5	7413000003	4	Nut 3/8	
6	7111161050	4	Bolt 3/8 x 1-1/4	
7	7950160000	4	Washer 3/8 ID	
8	7950160161	4	Washer 3/8	

FIGURE 9-31. TOW LIGHTS - MAGNETIC

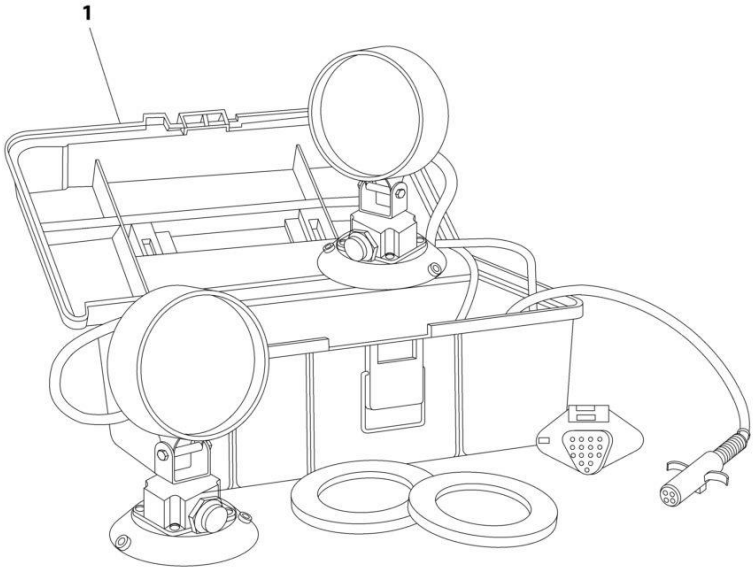


ART_LMT

FIGURE 9-31. TOW LIGHTS - MAGNETIC

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

FIGURE 9-32. TOW LIGHTS - MAGNETIC/SUCTION



ART_LST

FIGURE 9-32. TOW LIGHTS - MAGNETIC/SUCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	LST	Ref	SUCTION MOUNTED TOW LIGHT KIT	0
1	7002000449	1	Tow Lights Suction	

FIGURE 9-33. TOW SLING ASSEMBLY - DUAL LINE (LIGHT DUTY)

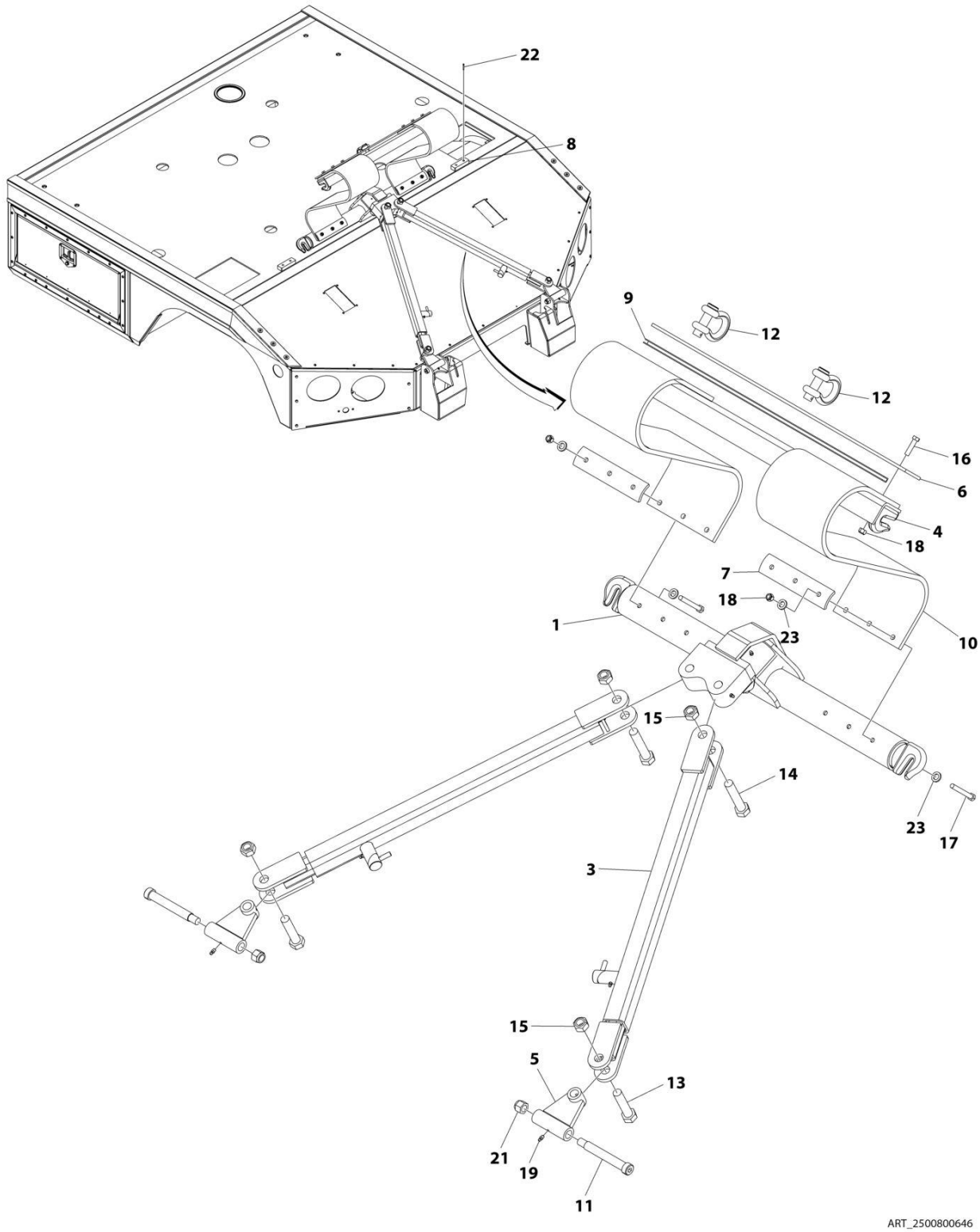


FIGURE 9-33. TOW SLING ASSEMBLY - DUAL LINE (LIGHT DUTY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2500800646	Ref	TOW SLING ASSEMBLY - DUAL LINE	C
1	3500800073	1	Sling Head Assembly	
3	3020000007	2	Hold back Arm Assembly	
4	3017000008	1	Anchor	
5	3309000007	2	U-Joint	
6	4706000727	1	Plate	
7	4062000556	2	Bar	
8	7679000010	2	Pad	
9	7632045016	1	Moulding	
10	7822000003	2	Sling Belt	
11	7115223806	2	Bolt 5/8 x 4-3/4	
12	7804000001	2	Anchor Shackle	
13	7105222650	2	Bolt 3/4 x 3-1/4	
14	7105223050	2	Bolt 3/4 x 3-3/4	
15	7661000017	4	Nut 3/4	
16	7115161250	6	Bolt 3/8 x 1-1/2	
17	7118163218	6	Bolt 3/8 x 4	
18	7660162601	12	Nut 3/8	
19	7440030000	7	Fitting, Straight	
20	7262000010	2	Chain (Not Shown)	
21	7660202601	2	Nut 5/8	
22	7790101276	4	Screw #10 x 3/4	
23	7796000102	12	O-RIng	

FIGURE 9-34. TOW SLING ASSEMBLY - SINGLE LINE

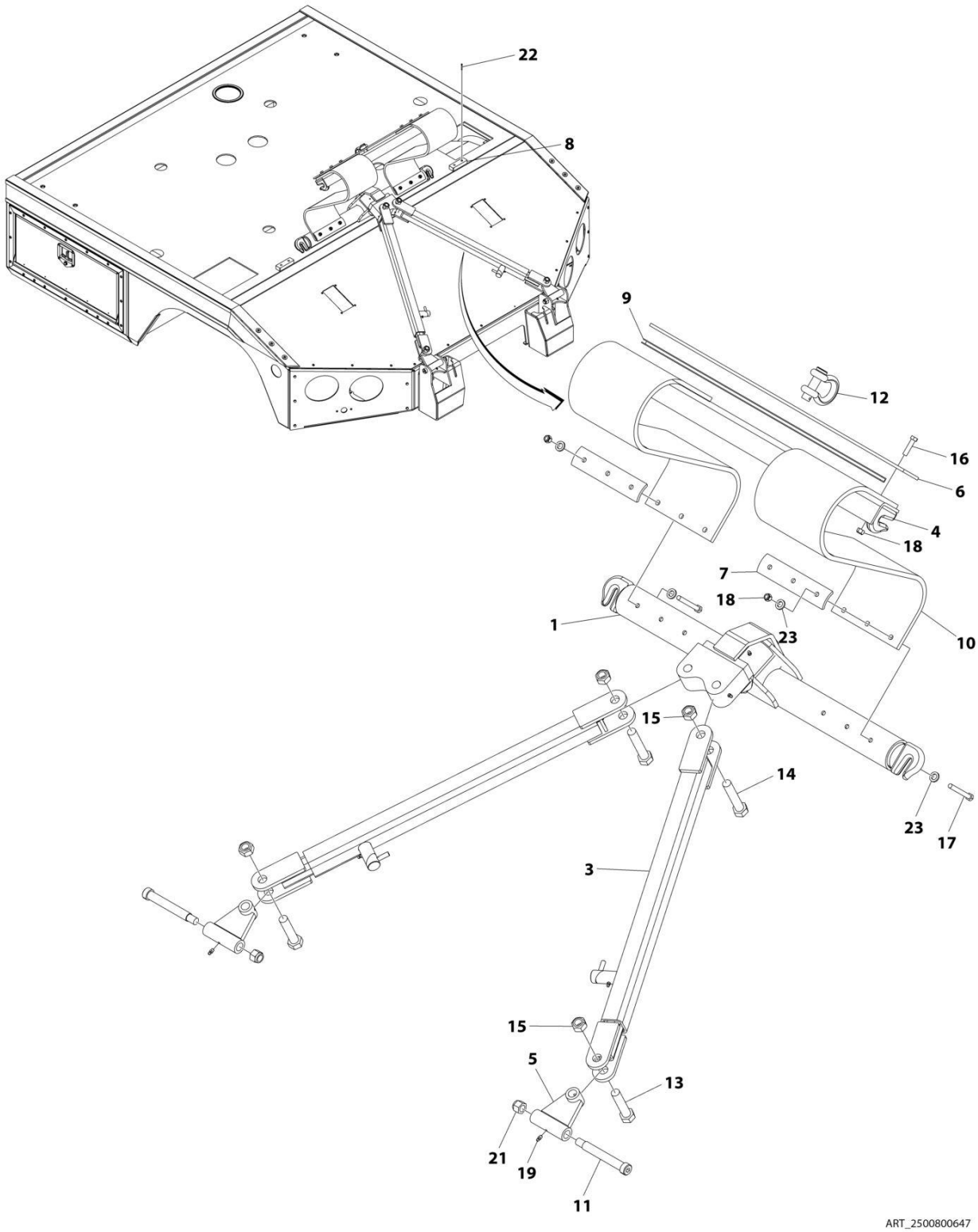
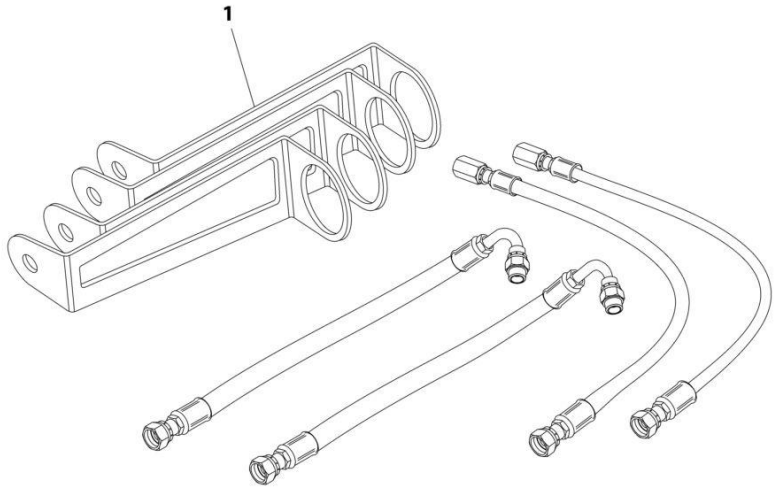


FIGURE 9-34. TOW SLING ASSEMBLY - SINGLE LINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2500800647	Ref	TOW SLING ASSEMBLY - SINGLE LINE	C
1	3500800073	1	Sling Head Assembly	
3	3020000007	2	Hold back Arm Assembly	
4	3017000008	1	Anchor	
5	3309000007	2	U-Joint	
6	4706000727	1	Plate	
7	4062000556	2	Bar	
8	7679000010	2	Pad	
9	7632045016	1	Moulding	
10	7822000003	2	Sling Belt	
11	7115223806	2	Bolt 5/8 x 4-3/4	
12	7804000001	1	Anchor Shackle	
13	7105222650	2	Bolt 3/4 x 3-1/4	
14	7105223050	2	Bolt 3/4 x 3-3/4	
15	7661000017	4	Nut 3/4	
16	7115161250	6	Bolt 3/8 x 1-1/2	
17	7118163218	6	Bolt 3/8 x 4	
18	7660162601	12	Nut 3/8	
19	7440030000	7	Fitting, Straight	
20	7262000010	2	Chain (Not Shown)	
21	7660202601	2	Nut 5/8	
22	7790101276	4	Screw #10 x 3/4	
23	7796000102	12	O-RIng	

FIGURE 9-35. VALVE STEM EXTENSION KIT

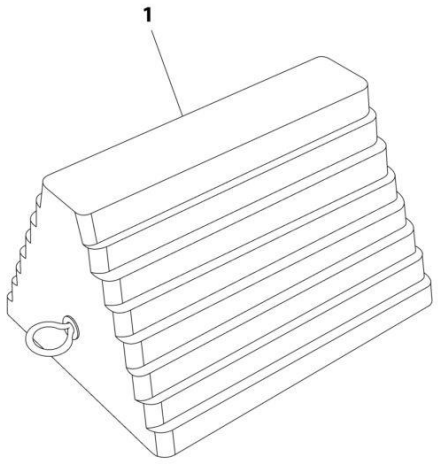


ART_2002000029

FIGURE 9-35. VALVE STEM EXTENSION KIT

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

FIGURE 9-36. WHEEL CHOCKS - RUBBER



ART_RWC

FIGURE 9-36. WHEEL CHOCKS - RUBBER

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

SECTION 10 - BUILD DOCUMENTS

SECTION 10 - BUILD DOCUMENTS

FIGURE 10-1. BUILD DOC_5376000249

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**	
	1001181892	Ref	Cable Tensioner (8000 LBS Winch) (Qty 2 of PN 2500900643)	
	1001181891	Ref	Cable Tensioner (10000 LBS Winch) (Qty 2 of PN 2500900373)	
	2511290189	Ref	Decal Installation GSA Specs - Cougar)	
	RFSH8K-HPL	Ref	Handle Installation - 8000K Winch	
	2587000004	Ref	Handle Assembly (LH) (See Separate Breakdown in CONTROLS Section)	
	2587000003	Ref	Handle Assembly (RH) (See Separate Breakdown in CONTROLS Section)	
	1001142235	Ref	Handle Installation - 8000K Winch (Speedway Specs)	
	1001142233	Ref	Handle Assembly (LH) (See Separate Breakdown in CONTROLS Section)	
	1001142234	Ref	Handle Assembly (RH) (See Separate Breakdown in CONTROLS Section)	
	RFSH10K-HPL	Ref	Handle Installation - 10000K Winch	
	2587000001	Ref	Handle Assembly (LH) (See Separate Breakdown in CONTROLS Section)	
	2587000003	Ref	Handle Assembly (RH) (See Separate Breakdown in CONTROLS Section)	
	RFSH12K-HPL	Ref	Handle Installation - 12000K Winch (Includes Qty 1 of PN 2587000007 & 2587000008)	
	2587000008	Ref	Handle Assembly (LH) (See Separate Breakdown in CONTROLS Section)	
	2587000007	Ref	Handle Assembly (RH) (See Separate Breakdown in CONTROLS Section)	
	1001181878	Ref	Lights - Tunnel Toolbox Lights Installation (Qty 2 of PN 2502330280)	
	1001148533	Ref	MIL Data Plate	
		Ref	**PTO (Installation & replacement is based on individual characteristics of the unit - Contact Jerr-Dan Parts Dept.)**	
	TP_REF	Ref	Pump (Installation & replacement is based on individual characteristics of the unit - Contact Jerr-Dan Parts Dept.)	
	2636000013	Ref	Ship-Out Stand for Kits Models	
	3577000146	Ref	SubFrame Support Document	
	1001157353	Ref	SubFrame Support Document (IHC TerraStar)	
	1001135754	Ref	Switch Panel Installation - 3 Function (In Dash Compact) **(SN 0230002518 through 0230009713)**	
	1001135700	Ref	Switch Panel Installation - 3 Function (In Dash Compact) (See Separate Breakdown in ELECTRICAL Section) **(SN 0230002518 through 0230009713)**	
	1001129883	Ref	Breaker Installation - 50 Amp (See Separate Breakdown in ELECTRICAL Section) **(SN 0230002518 through 0230009713)**	
	1001135689	Ref	Cabinet Light & Fuse Installation (See Separate Breakdown in ELECTRICAL Section) **(SN 0230002518 through 0230009713)**	
	1001268205	Ref	Switch Panel Installation - 3 Function (In Dash Compact) **(SN 0230009714 to Present)**	
	1001266286	Ref	Switch Panel Installation - 3 Function (In Dash Compact) (See Separate Breakdown in ELECTRICAL Section) **(SN 0230009714 to Present)**	
	1001129883	Ref	Breaker Installation - 50 Amp (See Separate Breakdown in ELECTRICAL Section) **(SN 0230009714 to Present)**	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135790	Ref	Switch Panel Installation - 3 Function (Under Dash Compact) **(SN 0230002518 through 0230009713)**	
	1001135756	Ref	Switch Panel Installation - 3 Function (Under Dash Compact) (See Separate Breakdown in ELECTRICAL Section) **(SN 0230002518 through 0230009713)**	
	1001129883	Ref	Breaker Installation - 50 Amp (See Separate Breakdown in ELECTRICAL Section) **(SN 0230002518 through 0230009713)**	
	1001135689	Ref	Cabinet Light & Fuse Installation (See Separate Breakdown in ELECTRICAL Section) **(SN 0230002518 through 0230009713)**	
	1001268203	Ref	Switch Panel Installation - 3 Function (Under Dash Compact) **(SN 0230009714 to Present)**	
	1001266207	Ref	Switch Panel Installation - 3 Function (Under Dash Compact) (See Separate Breakdown in ELECTRICAL Section) **(SN 0230009714 to Present)**	
	1001129883	Ref	Breaker Installation - 50 Amp (See Separate Breakdown in ELECTRICAL Section) **(SN 0230009714 to Present)**	
	1001135755	Ref	Switch Panel Installation - 5 Function (In Dash Compact) **(SN 0230002518 through 0230009713)**	
	1001135701	Ref	Switch Panel Installation - 5 Function (In Dash Compact) (See Separate Breakdown in ELECTRICAL Section) **(SN 0230002518 through 0230009713)**	
	1001129883	Ref	Breaker Installation - 50 Amp (See Separate Breakdown in ELECTRICAL Section) **(SN 0230002518 through 0230009713)**	
	1001268209	Ref	Switch Panel Installation - 5 Function (In Dash Compact) **(SN 0230009714 to Present)**	
	1001266358	Ref	Switch Panel Installation - 5 Function (In Dash Compact) (See Separate Breakdown in ELECTRICAL Section) **(SN 0230009714 to Present)**	
	1001129883	Ref	Breaker Installation - 50 Amp (See Separate Breakdown in ELECTRICAL Section) **(SN 0230009714 to Present)**	
	1001135791	Ref	Switch Panel Installation - 5 Function (Under Dash Compact) **(SN 0230002518 through 0230009713)**	
	1001135757	Ref	Switch Panel Installation - 5 Function (Under Dash Compact) (See Separate Breakdown in ELECTRICAL Section) **(SN 0230002518 through 0230009713)**	
	1001129883	Ref	Breaker Installation - 50 Amp (See Separate Breakdown in ELECTRICAL Section) **(SN 0230002518 through 0230009713)**	
	1001268207	Ref	Switch Panel Installation - 5 Function (Under Dash Compact) **(SN 0230009714 to Present)**	
	1001266360	Ref	Switch Panel Installation - 5 Function (Under Dash Compact) (See Separate Breakdown in ELECTRICAL Section) **(SN 0230009714 to Present)**	
	1001129883	Ref	Breaker Installation - 50 Amp (See Separate Breakdown in ELECTRICAL Section) **(SN 0230009714 to Present)**	
	1001181879	Ref	Tunnel Box (24IN) (Qty 2 of PN 2899000079)	
	1001181880	Ref	Tunnel Box (24IN) (Qty 2 of PN 2899000019)	

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