
Manual Part # 99905271

Dominator III Parts & Specifications

Revised: October 17, 2017



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Contents

Revisions	v
Equipment Safety	7
Equipment Daily Safety Inspections.....	10
Parts Ordering Information	11
Planned Maintenance Kits	13
Specifications	15
Equipment Specifications	15
Dominator III Sidepack Dimensions.....	17
Dominator III Chassis Specifications	19
Assemblies & Installation	21
Body Installation (99905158)	22
Body Assembly, Dominator III (99905253).....	24
Door Assembly, Dominator III (99905143)	27
Door Latch Installation (99906023).....	29
Key Cylinder Replacement	30
PTO Wiring Installation-2006 to Present (99904085)	31
PTO/Pump Rotation Guide (99904279)	36
Crane Installation Hole Pattern (Dom III-IV) (99905219)	37
Dom III - IV - 12000 - 14000 Crane Installation Kit (99905068)	38
Hydraulic Installation, Crane (99905203)	40
Hydraulic Installation, CAS435HA Compressor (99905204)	42
Hydraulic Installation, CAS40P Compressor (99905350).....	43
Hydraulic Installation, Crane & CAS435HA Compressor (99905205).....	45
Hydraulic Installation, Crane & CAS40P (99905351)	48
Hydraulic Installation, Crane & CAS3560 (99905206).....	50
Hydraulic Installation, CAS3560 Compressor (99905207)	53
Hydraulic Installation, Crane, CAS60R Compressor (99905356).....	55
Hydraulic Installation, CAS60R Compressor (99905357)	57
Hydraulic Installation CAS80R Compressor (99906010)	58
Hydraulic Reservoir CAS80R Compressor (51726670).....	59
Hydraulic Installation, Crane, CAS45R Compressor (99905352).....	61
Hydraulic Installation, CAS45R Compressor (99905353)	63
Hydraulic Reservoir (51723758)	64
Reservoir Assembly, 1.5" Suction (99905358).....	66
Reservoir Assembly, 1.25" Suction (99905359).....	67
Compressor Installation, CAS435HA - CAS3560 - CAS2545 (99905254)	68
CAS40P Mounting Location & Installation (99905363)	70
CAS45R Mounting Location & Installation (99905364).....	71
CAS60R Mounting Location & Installation (99905365).....	72
Battery Cover Relocation (99905323)	73

Battery Relocation, Cover Installation (99905826)	74
---	----

Compartment Options 75

Compartment Layout (99905161).....	76
Parts Lists, Shelves (99905161).....	77
Installation Drawing, Shelves (99905161).....	79
Installation Drawing, Door Trays (99905166).....	80
Dominator III Parts List, Drawer Units and Kits	81
Drawer Components	82
Compartment Options.....	83
Tank Bracket, 2-Bottle (51719752)	84
Tank Bracket, 3-Bottle (51720021)	85
Tool Box Tray (51711548).....	86
Pull-Out Bin Sets	87

Tailgate & Bumper Options 89

Tailgate Assembly (51718801).....	90
Bumper Hitch & Workbench Options	91

Air System Options 93

Air Tank Options	93
Air Tank Kit, 22.5 Gallon (51706697)	94
Air Tank Kit, 15 Gal (51707363)	95
Air Tank Kit, Dual 15 Gal (51709693).....	97
Air Tank Kit, 35 Gallon (51708336)	99
Air Tank Kit, 58 Gallon (51708369)	101
Stepless Ear Clamp Installation (99904411).....	103
Moisture Separator / Regulator / Oiler Assembly (51714805)	104
Moisture Separator / Regulator / Oiler Parts (51714805)	105
Moisture Separator / Regulator / Oiler Installation.....	106
Hose Reel (51726333)(Eff. 10/14)	107
Hose Reel (51713651)(Thru 10/14).....	108

Electrical & Lighting 109

Electrical Panel (99905113).....	110
Electrical Panel, Dominator III-IV (99905113) (Effective 7/24/14).....	113
Electrical Panel, Dominator III-IV (99905113) (Through 7/24/14).....	116
Wiring Installation (99905415).....	119
Ribbon Cable Replacement Parts (99905415-2).....	124
Ribbon Cable Connection Replacement Instructions	125
Dominator Electrical Troubleshooting.....	126
HARNESS S/T/T (77441598)	128
Harness, S/T/T (77441647).....	132
Electrical Installation (99905307).....	136
Electrical Installation (99905307).....	138
Electrical Harness, Chassis (77441446).....	140
Harness, Power Panel (77441445).....	142
Electrical Harness- Rear Body Lights (77441437)	144
Electrical Harness, Left Sidepack (77441609) (Effective 02/01/16)	145

Electrical Harness, Left Sidepack (77441515) From: 04/24/13 To: 01/29/16	146
Electrical Harness, Left Sidepack (77441439) Through 04/23/13.....	147
13'-14' Dom Harness, Flood & Marker Lights (77441613) (Effective 02/01/16).....	149
13'-14' Dom Harness, Flood & Marker Lights (77441520) From: 04/23/13 To: 01/29/16	150
13-14' Dom Harness, Flood & Marker Lights (77441442) Through 04/23/13	151
Flood Light Installation (99906020) (Effective 02/01/16).....	152
Compartment / Flood Light Installation (99905266) To: 01/29/16	154
Installation, Front Flood Light Bracket (99905305) Through 01/29/16	156
LED Light Installation (9905850) Effective 02/01/16	157
LED Light Kits (Effective 02/01/16)	160
LED Light Kits (Through 01/29/16).....	161
Electrical Outlet (51711674).....	161
Light Reel Kits.....	162
Protective Sleeve Installation (70034573)	163

Boom Supports **165**

Boom Support-Full Assembly (99905632).....	166
Boom Support, Adjustable (52723856)	168
Early Style Adjustable Boom Support Placement (III) (99905154)	170
Boom Support - Adjustable (51725462-Tall/51725463-Short)	171
Boom Support Saddle (51725454-Wide/51725455-Narrow)	173
Later Style Adjustable Boom Support Placement (III) (99905154).....	174

Stabilizers **175**

Stabilizer Installation (99906125) Effective 1-18-17.....	176
Stabilizer Installation (99904082) Effective through 1-17-17	180
Stabilizer Hydraulic Installation (99904110).....	185
Hydraulic Plumbing Diagram (99906126) Effective 1-18-17.....	187
Stabilizer Hydraulic Schematic (99904110).....	190
Cylinder Assembly, Right Side Power Out (99904714)	191
Cylinder, Right Side Power-Out (71416542) Effective: 1-18-17	192
Cylinder, Right Side Power Out (71413630).....	193
Cylinder, Left Side Power Out (99904715)	194
Cylinder, Left Side Power-Out (71416541) Effective: 1-18-17	195
Cylinder, Left Side Power Out (71413626) Effective through 1-17-17.....	196
Cylinder, LH Power-Out (99906131) Effective 1-18-17	197
Cylinder, RH Power-Out (99906132) Effective 1-18-17.....	198
Cylinder, Power Down (71412308)	199
Valve Bank Power-Out / Power-Down (73735050) Effective 1-17-18	201
Valvebank, Power Out (73734280)	202
Valvebank, Power Down (73734281).....	203

Miscellaneous Options **205**

Headache Rack (99905201)	206
Headache Rack (99905361)	207
Salvage Installation Kit (99905243)	208
Salvage Pump Assembly (51721592).....	211
Salvage Pump Installation (51713779).....	212
Master Lock System Drawing (Dom III) (99905300)	213
Ladder Installation (99905127).....	215
Ladder Assembly (52723864).....	216

Step Assembly with Rubber Belt (51714095)	217
Removable Gate (51712986)	218

Welder Platforms	219
-------------------------	------------

Welder Deck, 24" Long with 2 Underbody Toolboxes (51720055)	219
Welder Deck, 35" Long with 2 Underbody Toolboxes (51720057)	220
Welder Deck, 36" Long with Flat Deck (51720059)	221
Welder Deck, 24" Long with Tall Compartment (51719952)	221
Welder Deck, 35" Long with Curbside Tall Compartment (51720061)	223
Welder Deck, 35" Long with Streetside Tall Compartment (51720063)	224

Dominator Decal Examples & Placement	225
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Decal List	226
IMT Diamond and Logo Placement	227
Body Safety Decal Placement	228
Dominator Control Decal Placement	230
Crane Safety Decals on Dominator Door	231
Hydraulic Oil Reservoir Decals	232
Fuel Tank Decal Placement	233
Air Tank Decal Placement	234
Stabilizer Decal Placement	234
Reflector & Hitch Decal Placement	235
Compressor Decal Placement	237

Thread Torque Charts	238
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Revisions

DATE	LOCATION	DESCRIPTION
20110906	99905253	ECN 11555- Added spring on doors.
	51719752, 51720021	ECN 11565- Updated tank hardware.
20111018		ECN 11555 - Miscellaneous updates after pre-production builds.
20111201		ECN 11628 - Update stabilizer wording, decals.
		ECN 11607 - Updated shelf divider kits by body side.
20111215	Installation	ECN 11627 - Added new compressor models.
20120117		ECN 11666 – Updated CAS60R installation.
20120119	52723757	ECN 11650 - Updated boom support.
	77441437	ECN 11669 - Changed connection on CJ700.
	Decal graphics	ECN 11628-1- Updated decal graphics
	99905305	ECN 11638 - Added wire routing notes.
20120302	99905266	ECN 11689 - Hardware changes
	99905363	ECN 11674 - Modified mounting pattern
	Electrical	Added installation and troubleshooting information.
20120523	77441445	ECN 11746 - Added speed control to compressor function.
	51713779	ECN 11744 - Updated drawing.
20120724	99904280	ECN 11758 - Updated replacement parts.
	99905060	ECN 11772-1 - New view of battery cover.
	99905307	ECN 11761 - Added 72060639, BOM change.
	99905201	ECN 11760 - Added 72060026, drawing change.
	99905300	ECN 11762 - Hanger location note.
2013418	Page 19	Engineering markup; dimension change.
20130606	99905307	Image and parts list update per engineering mark-up; chain hook change.
20130619	51714095	Updated per engineering mark-up.
20130927	LED Lights	Updated LED light kits table per engineering.
	99905253	Added callout items 5 and 9.
20131118	99905253	Updated item 10 part number.
	99905632	Added
	99905154	Added
20140303	51712986	Added per engineering
	51719752	Updated
	51720021	Updated
20140326	73734280	Updated Valve-Relief from 3200 PSI to 1500 PSI
	73734281	Updated Valve-Relief from 1500 PSI to 3200 PSI
20140514	Key Cylinder Replacement	ECN 12201 – new latch assembly Effective 9/25/13
20140529	99905113	ECN 12166 – Relocate power module
	99905307	ECN 12087 – Update BOM hardware
20140625	51710172	ECN 12210 – BOM change: 60142620 was 60114831, 60142621 was 60114832
	99905266	ECN 12181 – Update Flood Light Bracket, 72602097 was 72060004
	51725462	ECN 12235 – Boom Support Saddle Revision, added sub-assemblies.
	51725463	
	51725454	
20140815	Panel Ribbon Cable Installation	ECN 12247 – Removed 77441465 & 77441466 from BOM. Added 'where applicable' note.
	77441446	Added per Engineering

20141007	Hydraulic Oil Reservoir Decals	ECN 12279 – Remove Mobil Oil info from 70394189.
	51726333	ECN 12285 – New Hose Reel Kit
20151130	99906010	CN226-Added CAS80R Compressor
20151130	99905266	Added – 60139526. Removed – 60117375
20151202	99906010	CN226-Added REV A
20151202	51726670	CN226-Added Hydraulic Reservoir CAS80R
20151221	9906023	CN197-Added Door Latch Installation w/o backing plate.
20160318	99906020	CN174-12-Changed Floodlight drawing.
20160616	99905113	ECN12356-DRAWING CHANGES
20160707	77441647	CN331-added new drawings to reflect the new style of communication cable.
20160715	99905632	Added missing drawing
2016080	996023	CN418-Cost savings change from SS to zinc 72062123 to 72062106, 72063181 to 72063268
20160825	77441598	ADDED ELECTRICAL DRAWINGS
20160907	99905307	CN421-Changes in elec kits 51723807,51724398,51725466. Added qty. of 4 #10-24 hardware.
2016913	Body Placement Decals	CN455-Updated quantities of 70392868 & 70394445 to 3 and added quantity 1 of 70396748 & 70392863
20160914	99905632	UPDATED BOM
20170116	Options	CN174-changed option 7 to LED Lights
20170118	71416541	CN465-ADDED NEW STABILIZER DRAWINGS
20170118	70416542	CN465-ADDED NEW STABILIZER DRAWINGS
20170118	73735050 71416541 71406542 99906125 99906126 99906131 99906132	CN465-ADDED NEW VALVE BANK 4-SECTION STABILIZER 12VDC AND VARIOUS NEW DRAWINGS.
20171017	70034573	CN696-Protective Sleeve Installation

CHAPTER 1

Equipment Safety

Personnel Requirements

Certain inherent risks are associated with heavy equipment, including IMT Crane Body Mechanics Trucks, due to the nature of their use. Personnel working in the area of these vehicles are subject to certain hazards that cannot be guarded against by mechanical means but only by the exercise of intelligence, care, and common sense. It is therefore essential for the owner of this equipment to have personnel involved in the use and operation of these vehicles who are competent, careful, physically and mentally qualified, and trained in the safe operation of this equipment.

Training

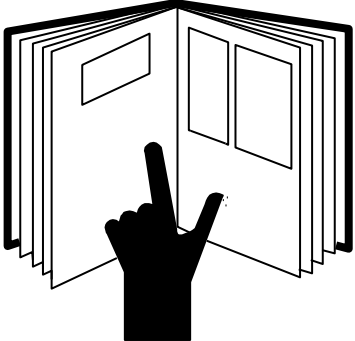
Prior to using any of the equipment installed on or incorporated in the IMT Crane Body Mechanics Truck, you must:

- Have already been fully trained to operate the vehicle and equipment.
- Have demonstrated the effectiveness of your training and the extent of your knowledge.

BEFORE operating this vehicle and any associated equipment, you, the operator or maintainer, must read, understand, and follow the instructions found in the operator and maintenance manuals from the manufacturers of major components used on this vehicle or equipment.

Proper tools and service equipment must be used, taking appropriate precautions as required by accepted safety practices, to prevent personal injury and/or equipment damage.

If you are uncertain about the safe operation of any aspect of this vehicle or equipment, stop immediately and seek further training. You are the only person who knows what you don't know. You must speak up about the things you don't know, so you can learn about them before someone is injured or killed because of your lack of knowledge. You are responsible for learning how to operate this vehicle and equipment under all conditions without having to pause to read this manual.

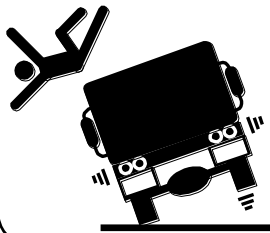
 WARNING	
	• Only trained personnel should operate this equipment. • Do not operate or service until you have read and understood the operation and service manual supplied with this equipment. • Manuals can be obtained from manufacturer's website or by contacting customer service. • Operating this equipment without knowledge or training may lead to injury or death for you or others.

Hazards When Moving About the Vehicle

Only climb, step, or walk on this vehicle where there are slip resistant surfaces and the opportunity to maintain three points of contact at all times. Some surfaces that should not be stepped on are marked with a *No Step* warning. All smooth surfaces should be avoided even if not specifically labeled with a No Step sign. If maintenance or service require access to a point on the vehicle not provided with slip resistant surfaces and hand holds, then use OSHA approved ladders, stepstools, or other safe means for access.

DO NOT ride on the outside of the vehicle when it is moving.

 WARNING	
	No Step
Railings NOT provided. Surface may be slippery - NOT intended for stepping, standing or walking. Falls may injure or kill. 70399191	

 WARNING	
FALL HAZARDS	
	When climbing on or off vehicle, ALWAYS: - Face vehicle. - Use steps and handholds. - Maintain three points of contact with vehicle (two feet and one hand or two hands and one foot.) - Keep steps, handholds, and walkways clean. - Use extra caution when wet, icy or muddy. - Replace surfaces when worn. Slips and falls can injure or kill.
	- Never ride on vehicle when it is in motion. - Fall from moving vehicle may injure or kill. 70399192

Crane Safety

Your IMT Mechanics Truck may include a crane. Follow all operating procedures posted on the crane and body and included in the operator's manual for safe crane operation, including:

- Powerline safety
- Proper job-site set-up
- Using stabilizers

If your equipment includes a crane, refer to your crane operation and safety manual prior to operating your crane.

Hydraulic Hazards

Certain equipment on this vehicle, including cranes and compressors, may be powered by high pressure hydraulic fluid. Most heavy equipment operates on hydraulic power and it is common throughout industry. High pressure hydraulic fluid leaks are dangerous. If you see a hydraulic leak, shut down the equipment and call in a service technician trained in safe methods of trouble-shooting and servicing hydraulic power equipment.

Never search for leaks with your hands or other body parts. High pressure hydraulic fluid at pressures as low as 100 psi can penetrate skin. Use a piece of wood or cardboard to detect leaks, keeping hands and other body parts well away from the potential source of the leak.

If you suspect that you have been exposed to a high pressure hydraulic skin penetration, seek medical help immediately. The high pressure injection of a fluid such as hydraulic oil, grease and paint constitutes a medical and surgical emergency, requiring access to appropriate specialist surgical expertise as soon as possible. Often the injury appears minor. Don't be fooled. Fluids injected under the skin are highly toxic. The injury will lead to gangrene, amputation, and death if not treated promptly.

Most doctors are not trained in treating hydraulic related injuries. Make sure they are aware of the potential problems and get the recommend treatment needed to treat the injury.

 DANGER	
HYDRAULIC FLUID HAZARDS	
	High pressure fluid leak will pierce skin. Release pressure before working on system. Detect leaks with wood or cardboard. Wear sturdy gloves and goggles. NEVER use fingers. Fluid injected in skin must be surgically removed by trained doctor immediately or gangrene will result. Fluid injected into skin will injure or kill.
	Burn Hazard. Oil temperatures may exceed 120 ° F (35° C). Do not touch. Hot surface can burn skin.

70399193

Equipment Daily Safety Inspections

Use the following list as a guide when you are inspecting your unit at start-up and during operation. You may be required to log your inspection results using the Crane Log (IMT Manual No. 99900686) or the inspection checklist in the crane manual:

- 1** Vehicle - Check oil level, battery, lights, brakes, and tires for inflation, pressure, cuts, and loose or missing wheel lugs.
- 2** Safety Accessories - Check for proper function, oil levels, leaks and malfunctions.
- 3** Hydraulic Oil Reservoir - Check for proper oil level. Check for leaks and blockages.
- 4** Weldments - Check visually for damage, especially cracks or breaks in welds.
- 5** Fasteners - Check pins, sheaves, nuts and bolts for breakage, excessive wear and tightness.
- 6** Covers & Guards - Check for missing or improperly maintained covers and guards.
- 7** Operation Placards and Safety Decals - Check for illegible or missing decals and placards. Refer to the Decal section of this manual for more information on the required decals.
- 8** Work Area - Check for hazards including powerlines, obstructions, etc.

Replace or repair any items as needed prior to equipment operation.

In addition, inspect your crane per the daily safety inspection instructions in the crane manual.

CHAPTER 2

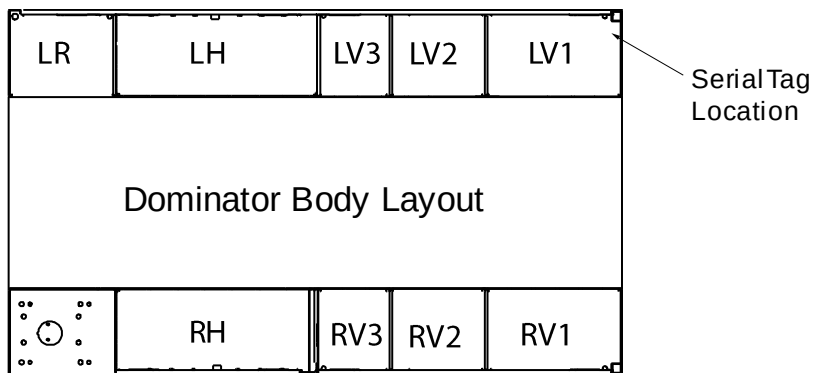
Parts Ordering Information

GENERAL

This remainder of this manual contains the exploded parts drawings and accompanying parts lists for the assemblies used on this body. For equipment such as cranes, compressors, and winches, refer to the appropriate service manual.

BODY IDENTIFICATION

Every IMT body has an identification placard (see figure). This placard is attached in the upper left hand corner of the left vertical 1 compartment.



LV3, RV3 on 13' Dominator III only.

When ordering parts, communicating warranty information, or referring to the unit in correspondence, always include the serial number and model numbers. Address all inquiries to your authorized IMT distributor or to:

Iowa Mold Tooling Co., Inc.
Box 189, Garner, IA 50438-0189
Telephone: 641-923-3711
Technical Support Fax: 641-923-2424

The identification placard is a rectangular label with a black background and white text. At the top, it reads "IOWA MOLD TOOLING CO., INC." and "BOX 189, GARNER, IA 50438-0189". Below this, there are three horizontal white bars for labeling. The first bar is labeled "MODEL NUMBER", the second "SERIAL NUMBER", and the third "MFG DATE". On the right side of the placard, there is a vertical white bar with the number "70023119" printed vertically.

PARTS IDENTIFICATION

To insure proper replacement parts are received, specify the complete number/letter sequence for any part requested. The parts sections of this manual can assist you in determining the correct part number.

ORDERING REPAIR PARTS

When ordering replacement parts:

- 1** Give the model number of the unit.
- 2** Give the serial number of the unit.
- 3** Specify the complete part number. When ordering cylinder parts, or one of the main weldments, always give the stamped part number.
- 4** Give a complete description of the part.
- 5** Specify the quantity required.
- 6** Fill in your serial number to assist in future replacement parts ordering.

DOMINATOR SERIAL NUMBER:

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Planned Maintenance Kits

Maintaining your equipment properly will extend its function and performance over the life of the machine. IMT has developed planned maintenance kits for many of its products which include filters, air and hydraulic filter elements, oil, grease, and other maintenance items. To order an IMT planned maintenance kit, please contact IMT customer service at 800-554-4421. For additional information on IMT planned maintenance kits for your equipment, please contact IMT Technical Support at 800-554-4421 or (641) 923-4633.

Frequency	Task	Dominator Body	CAS435HA Compr.	CAS2545 Compr.	CAS3560 Compr.	CAS40P Compr.	CAS60R Compr.	CAS45R Compr.
Monthly	Drain moisture from compressor air tank.							
Every 6 months	Change compressor oil filter element.			70048233	73396426		70048249	70049252
	Change compressor oil.		51085090	89086201	89086201	89086220	89086222	89086222
	Change compressor air filter.		70048217	70048217	70048217	71414999	70048250	70048253
	Change compressor separator element.						70048248	70048251
	Change moisture separator filter element.	70048209						
	Change hydraulic oil.							
	Change filter element and breather cap element on Dominator hydraulic reservoir.	73052153 filter element, 70048245 breather element						
Once per year (Every 12 months)	Change compressor coalescer filter.			70048234	73396427			
	Check belts on compressor. Change if needed.					70580210 (3)	70580211	70580212

Planned Maintenance Kit part numbers:

- DOMINATOR - CRANE - CAS435HA COMPRESSOR - 91724292 (12-month kit); 91724450 (36-month kit); 91724453 (60-month kit)
- DOMINATOR - CRANE - CAS3560 COMPRESSOR - 91724293 (12-month kit); 91724451 (36-month kit); 91724454 (60-month kit)
- DOMINATOR - CRANE- CAS2545 COMPRESSOR - 91724294 (12-month kit); 91724452 (36-month kit)
- DOMINATOR - CRANE - CAS40P COMPRESSOR - 91724477 (36-month kit); 91724480 (60-month kit)
- DOMINATOR - CRANE - CAS60R COMPRESSOR - 91724478 (36-month kit); 91724481 (60-month kit)
- DOMINATOR - CRANE - CAS45R COMPRESSOR - 91724479 (36-month kit)

Maintenance Kits include compressor coalescer filters, oil filters, hydraulic reservoir filters, air filters, compressor oil, moisture separator filters, and Moluballoy grease for greasing the gear bearing teeth. Crane grease and hydraulic oil not included in 1-year kits. See the crane parts manual for specific greasing locations.

CHAPTER 3

Specifications

In This Chapter

Equipment Specifications	15
Dominator III Sidepack Dimensions.....	17
Dominator III Chassis Specifications	19

Equipment Specifications

SPECIFICATIONS	13-foot
Body Rating	80,000 ft-lb (11.1 tm)
Body Weight	5487 - 5682 lb (2489 - 2577 kg) (based on configuration)
Body Width (including rain eaves)	98 in (249 cm)
Sidepack Height	52 and 60 in (132 and 152 cm)
Sidepack Depth	Left 22 in (56 cm) Right 24" (61 cm)
Cargo Deck Width	50 in (127 cm)
Workbench Depth	24 in (61 cm)
Tailgate Height	10 in (25.4 cm)
Storage Capacity (including workbench)	183.6 - 210.8 ft³ (5.2 - 6.0 m³)
Angle of Departure	14°

Standard Configurations

13-foot body	Right hand and left hand standard sidepacks 52" (132.1 cm)
	Right front raised to 60" (152.4 cm)
	Right hand and left hand raised to 60" (152.4 cm)

Body Materials

The sidepacks are constructed of 10-gauge and 12-gauge galvanized steel. The floor structure is constructed of 10-gauge galvanized and 1/8" deckplate steel. The workbench is constructed of galvanized and cold rolled steel.

Body Weights

13 ft Standard 52" (132.1 cm)	5,487 lb (2489 kg)
13 ft RF raised	5,550 lb (2517 kg)
13 ft All raised	5,682 lb (2577 kg)

Body Sub-Structure

Patented inverted A-frame design constructed of 10-gauge galvanized material with integral crane box, front stabilizer receptacles and rear stabilizer housing.

Electrical System

The electrical system consists of a central power distribution point in the crane box using automotive-style harnesses. The circuits use white wire with the circuit function printed every 3". The harness is protected by an overbraid that is heat- and cut-resistant.

Doors

The doors are constructed of 14-gauge galvanized steel with internal formed eaves and hemmed edges. The latches are a 3-point, locking rotary T-handle style. They are constructed of cast steel with a powder-coat finish. The hinges are stainless steel with composite washers.

Storage Capacity

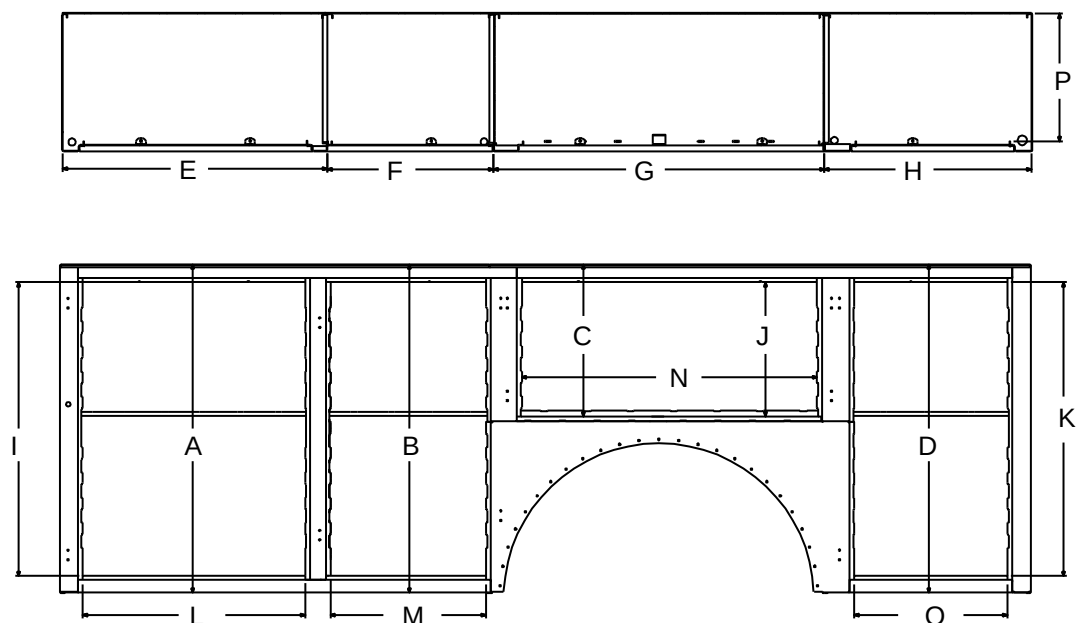
13ft Standard	183.6 ft ³ (5.2 m ³)
13 ft RF raised	190.3 ft ³ (5.4 m ³)
13 ft All raised	210.8 ft ³ (6.0 m ³)

Options

1. Drawers and drawer sets	7. LED Lights
2. Standard adjustable shelves	8. Work lights
3. 3" (7.6 cm) high divided adjustable shelves	9. High-intensity light package
4. Manual and hydraulic stabilizers	10. Compartment pressurization system
5. Workbench vises and vise plates	11. Air systems
6. Telescopic cranes up to 80,000 ft-lb (11.1 tm)	

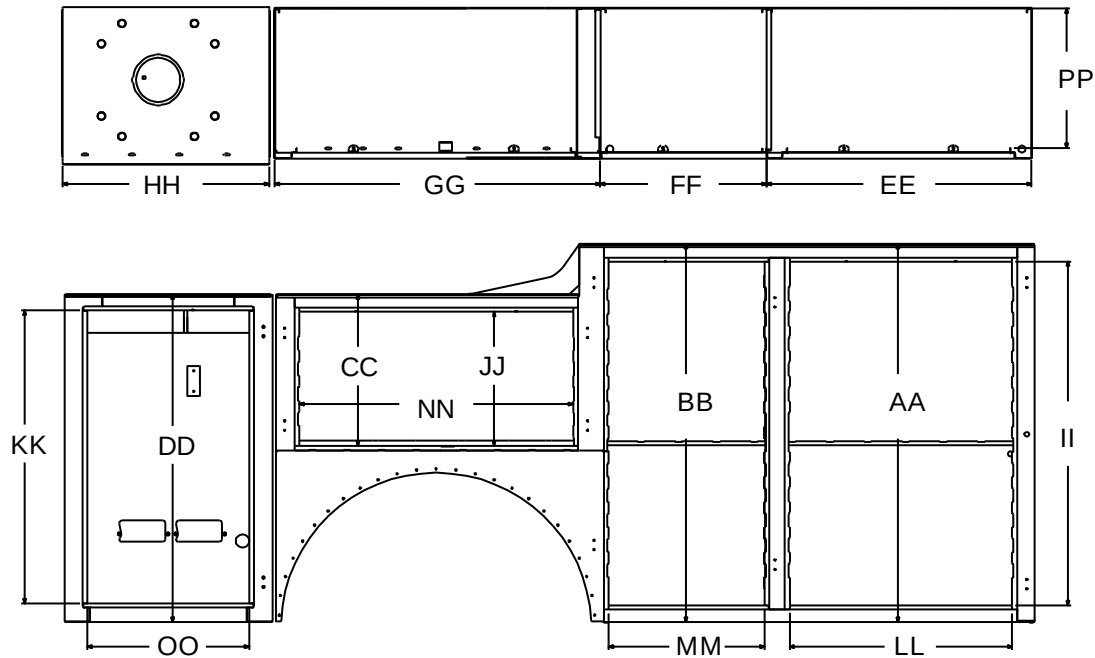
Dominator III Sidepack Dimensions

Left Hand Sidepack

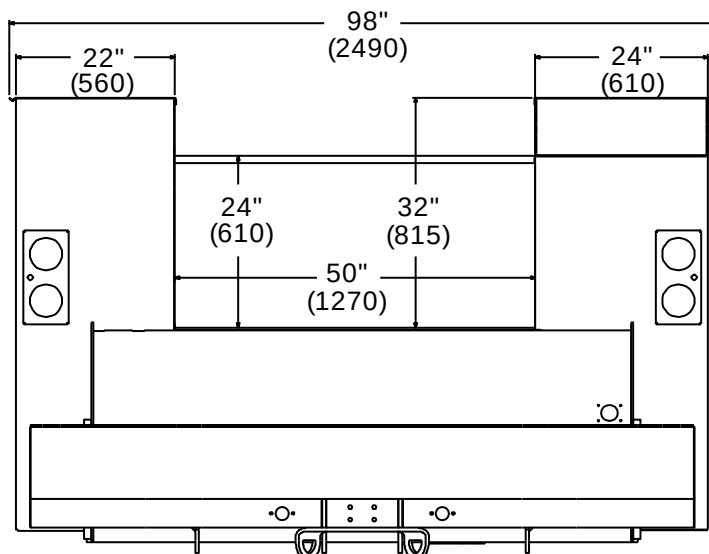


	Compartment Dimensions								Door Opening Dimensions							Usable Depth
Base Body	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
13ft Standard	52" (132.1)	52" (132.1)	23.88" (60.7)	52" (132.1)	41.93" (106.5)	26.38 (67)	52.38" (133)	32.75" (83.2)	46.75" (118.7)	21.50" (54.6)	46.75" (118.7)	34.75" (88.3)	26.25" (66.7)	46.88" (119.1)	24.38" (61.9)	20.25" (51.4)
13ft RF & LH Raised	60" (152.4)	60" (152.4)	31.88" (81)	60" (152.4)	41.93" (106.5)	26.38 (67)	52.38" (133)	32.75" (83.2)	54.75" (139.1)	29.50" (74.9)	54.75" (139.1)	34.75" (88.3)	26.25" (66.7)	46.88" (119.1)	24.38" (61.9)	20.25" (51.4)
13ft All Raised	60" (152.4)	60" (152.4)	31.88" (81)	60" (152.4)	41.93" (106.5)	26.38 (67)	52.38" (133)	32.75" (83.2)	54.75" (139.1)	29.50" (74.9)	54.75" (139.1)	34.75" (88.3)	26.25" (66.7)	46.88" (119.1)	24.38" (61.9)	20.25" (51.4)

Right Hand Sidepack



	Compartment Dimensions								Door Opening Dimensions							Usable Depth
Base Body	AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP
13ft Standard	52" (132.1)	52" (132.1)	23.88" (60.7)	52" (132.1)	41.93" (106.5)	26.38 (67)	52.38" (133)	32.75" (83.2)	46.75" (118.7)	21.50" (54.6)	46.81" (118.6)	34.75" (88.3)	26.25" (66.7)	46.88" (119.1)	25.88" (65.7)	20.25" (51.4)
13ft RF & LH Raised	60" (152.4)	60" (152.4)	23.88" (60.7)	52" (132.1)	41.93" (106.5)	26.38 (67)	52.38" (133)	32.75" (83.2)	54.75" (139.1)	21.50" (54.6)	46.81" (118.6)	34.75" (88.3)	26.25" (66.7)	46.88" (119.1)	25.88" (65.7)	20.25" (51.4)
13ft All Raised	60" (152.4)	60" (152.4)	31.88" (81)	52" (132.1)	41.93" (106.5)	26.38 (67)	52.38" (133)	32.75" (83.2)	54.75" (139.1)	29.50" (74.9)	46.81" (118.6)	34.75" (88.3)	26.25" (66.7)	46.88" (119.1)	25.88" (65.7)	20.25" (51.4)

Rear View**Loadbed Height**

24" (610 mm) with standard height compartments
 32" (813 mm) with raised compartments

Dominator III Chassis Specifications

CHASSIS SPECIFICATIONS	
<i>Minimum Cab-to-Axle Dimensions</i>	
Dominator III without Welder Deck	Single Axle (CA)
13' Body	108" (274.3 cm)
Dominator III with Welder Deck	Single Axle (CA) (based on width of welder deck selected)
13' Body	132" - 144" (335.3 - 365.8 cm)

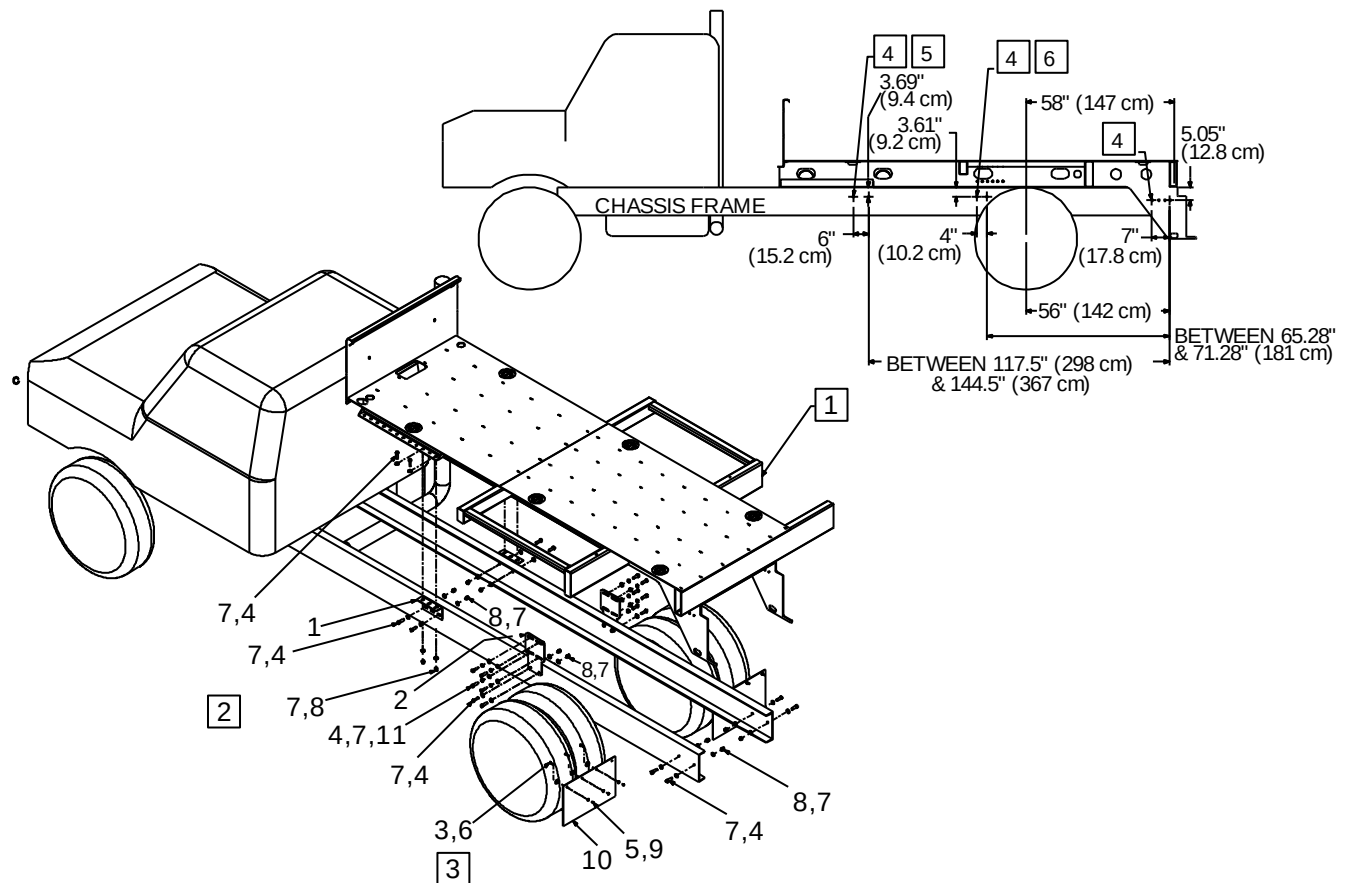
CHAPTER 4

Assemblies & Installation

In This Chapter

Body Installation (99905158)	22
Body Assembly, Dominator III (99905253)	24
Door Assembly, Dominator III (99905143)	26
Key Cylinder Replacement	30
PTO Wiring Installation-2006 to Present (99904085)	31
PTO/Pump Rotation Guide (99904279)	36
Crane Installation Hole Pattern (Dom III-IV) (99905219)	37
Dom III - IV - 12000 - 14000 Crane Installation Kit (99905068)	38
Hydraulic Installation, Crane (99905203)	40
Hydraulic Installation, CAS435HA Compressor (99905204)	41
Hydraulic Installation, CAS40P Compressor (99905350)	43
Hydraulic Installation, Crane & CAS435HA Compressor (99905205)	45
Hydraulic Installation, Crane & CAS40P (99905351)	48
Hydraulic Installation, Crane & CAS3560 (99905206)	50
Hydraulic Installation, CAS3560 Compressor (99905207)	53
Hydraulic Installation, Crane, CAS60R Compressor (99905356)	55
Hydraulic Installation, CAS60R Compressor, Ford (99905357)	57
Hydraulic Installation, Crane, CAS45R Compressor (99905352)	61
Hydraulic Installation, CAS45R Compressor (99905353)	62
Hydraulic Reservoir (51723758)	64
Reservoir Assembly, 1.5" Suction (99905358)	66
Reservoir Assembly, 1.25" Suction (99905359)	67
Compressor Installation, CAS435HA - CAS3560 - CAS2545 (99905254)	68
CAS40P Mounting Location & Installation (99905363)	69
CAS45R Mounting Location & Installation (99905364)	71
CAS60R Mounting Location & Installation (99905365)	72
Battery Cover Relocation (99905323)	73
Battery Cover Relocation, Cover Installation (99905826)	74

Body Installation (99905158)

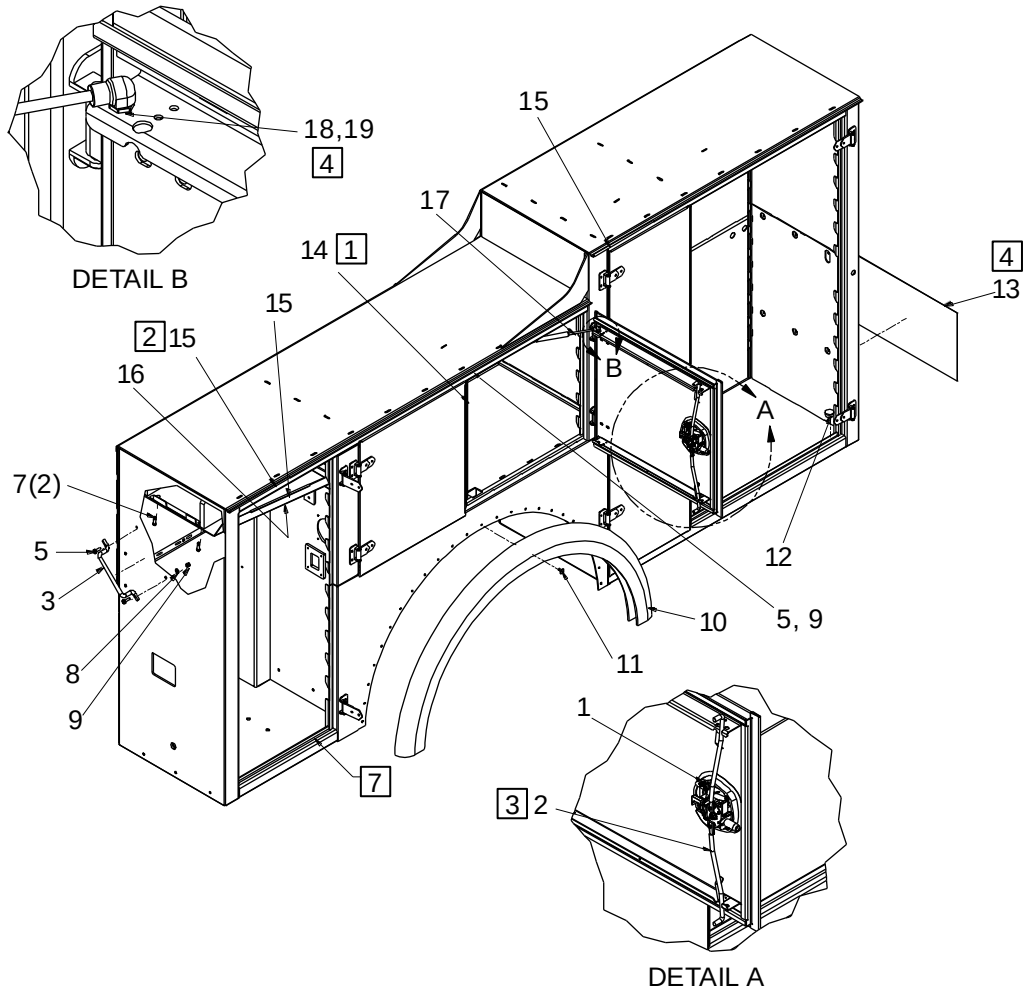


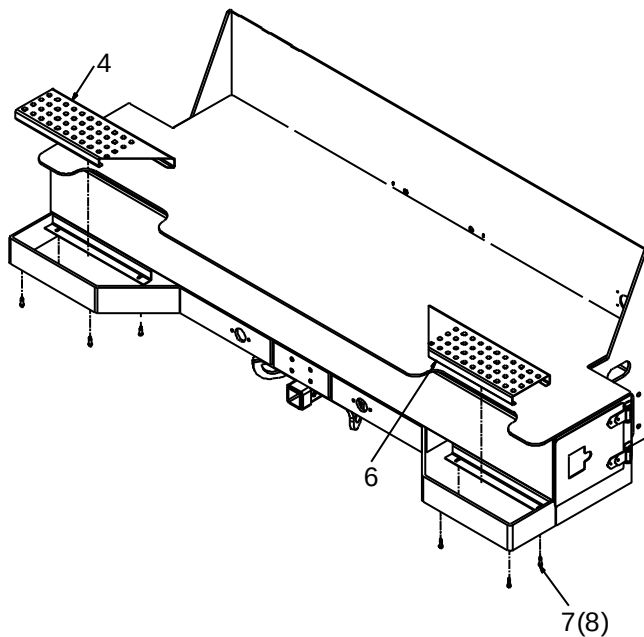
NOTES (SEE REFERENCE NUMBER IN BOX):

- 1 LEFT AND RIGHT SIDE PACKS ARE OMITTED FOR CLARITY. FASTENERS CAN BE INSTALLED FROM EITHER DIRECTION.
- 2 WHEN USING A TORQUE WRENCH, ALWAYS HOLD THE BOLT AND APPLY TORQUE TO THE NUT WITH THE TORQUE TOOL. TORQUE TO 160 FT-LB (22.1 KG-M)
- 3 MUDFLAPS ARE PLACED AT THE FRONT OF THE REAR COMPARTMENT. (THE REAR COMPARTMENT IS NOT SHOWN.)
- 4 DRILL 2 HOLES 0.63" (1.6 cm) PER SIDE THROUGH THE FRAMERAIL.
- 5 POSITION BRACKET AS FAR FORWARD AS POSSIBLE WITHIN THE SPECIFIED RANGE.
- 6 POSITION BRACKET AS FAR REARWARD AS POSSIBLE WITHIN THE SPECIFIED RANGE.

99905158 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	60115068	MOUNTING ANGLE-BODY TIE DOWN		2
2.	60130827	SHEAR PLATE, FRAME MOUNT		2
3.	72060026	CAP SCREW	.31-18X 1.25 HH GR5 Z	6
4.	72060151	CAP SCREW	.62-11X 2.00 HH GR8 Z	24
5.	72062109	NUT	.31-18 HEX NYLOCK	6
6.	72063078	WASHER	.31X1.50 OD ZINC	6
7.	72063119	WASHER	.62 FLAT ASTM F436	40
8.	72601859	NUT	.62-11 HEX ZINC NYLOCK GR8	16
9.	76392598	WASHER	BONDED PLATED .31	6
10.	76393799	MUD FLAP - IMT LOGO	16H X 24W	2
11.	72063055	WASHER	.62 LOCK	8
REV A 20110718				

Body Assembly, Dominator III (99905253)



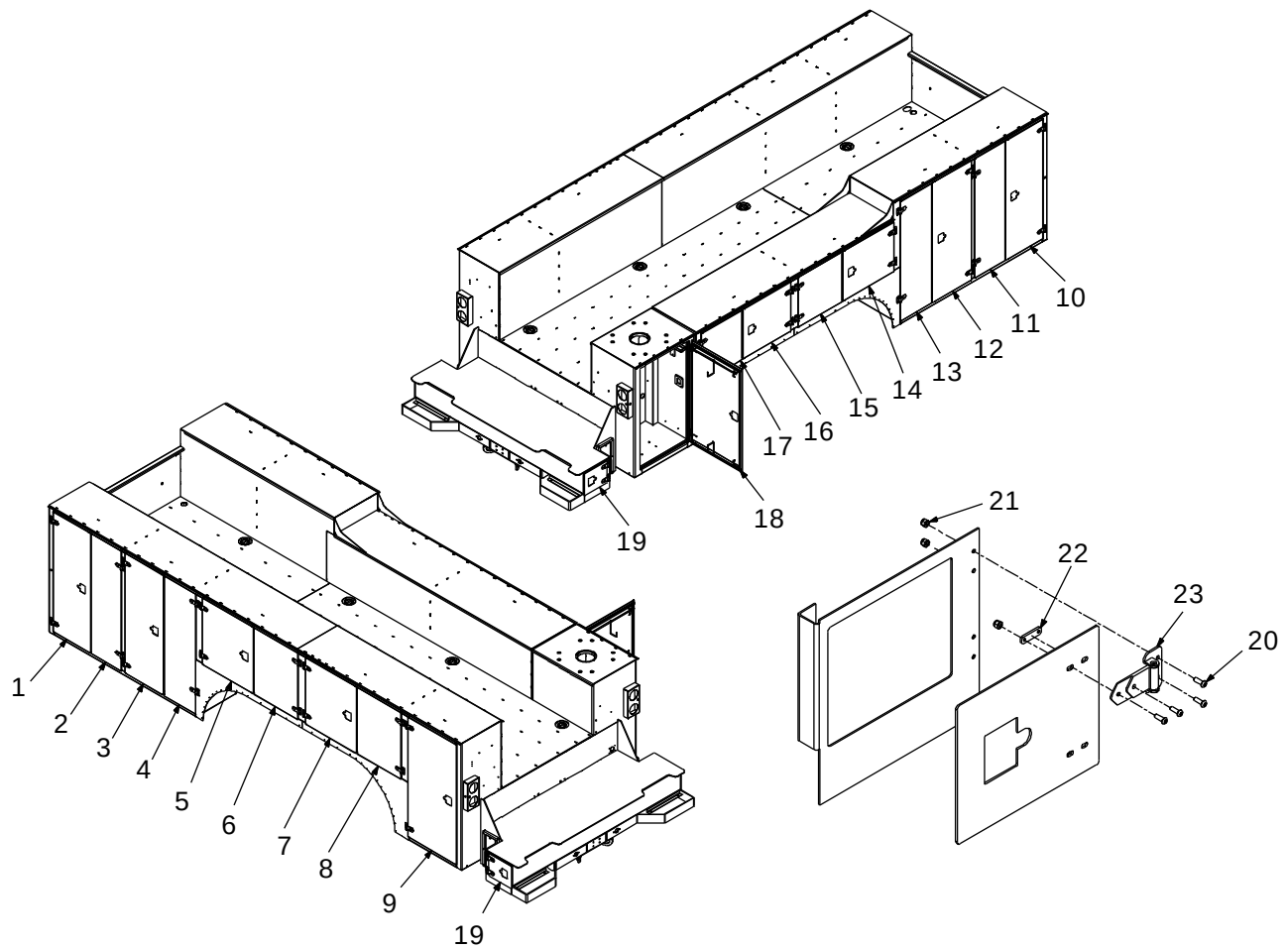
**NOTES (SEE REFERENCE NUMBER IN BOX):**

- 1 APPLIED TO NON-LATCHING DOOR OF THE PAIR OF DOORS.
- 2 CRANE SIDE ONLY.
- 3 ROD ATTACHMENT HARDWARE INCLUDED WITH LATCH.
- 4 APPLY TREAD DECAL FLUSH TO BOTTOM & OUTSIDE EDGE OF SIDEPACK.
- 5 ASSEMBLY TYPICAL, BOTH ENDS OF DOOR SHOCK.
- 6 RIGHT SIDE SIDEPACK SHOWN. LEFT SIDE SIMILAR.
- 7 USE DOOR JAMB WEATHERSTRIP 89397094.

99905253 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	72661599	LATCH ASSEMBLY, 3 PT		AS REQ'D
2.	60130298	ROD-DOOR	23.12 LG W-.75in OFFSET (2-4)	AS REQ'D
	60130297	ROD-DOOR	27.12 LG W-.75in OFFSET (1-4)	AS REQ'D
	60127636	ROD-DOOR	14.38 LG W/.75in OFFSET (2-4)	AS REQ'D
	60127447	ROD-DOOR	10.38 LG W-.75in OFFSET (2-4)	AS REQ'D
3.	72661467	HANDLE-BOLD-ON BLACK		2
4.	60126311	STEP GRIP STRUT, LH		1
5.	72601590	CAP SCREW	.31-18 X 1.00 TRH PHH	A/R
6.	60126312	STEP GRIP STRUT, RH		1
7.	72060833	SCREW-THREAD CUT	.31-18 X 0.75 HWH-1	10
8.	72063152	WASHER-FLAT	.31 R WRT 304SS	4
9.	72062167	NUT	SS .31-18 HEX NYLOC	A/R
10.	89396893	RUBBER FENDER	DOM-III 13 ft.	2
11.	72661384	RIVET-POP	ALUMINUM .250 X .50 GRIP LG HD	AS REQ'D
12.	70034366	PLUG-PLASTIC BUTTON		AS REQ'D
13.	60350056	TREAD	12" X 21"	2
14.	89399101	WEATHERSTRIP	.75 X .71	AS REQ'D
15.	89396626	PLASTIC EDGING, BLACK		AS REQ'D

99905253 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
16.	60129777	DRIP TRAY-CRANE COMPARTMENT	DOM IV	1
17.	73050188	SPRING-PNEUMATIC	3" STROKE	AS REQ'D
18.	70143791	BALL STUD		AS REQ'D
19.	72062109	NUT	.31-18 HEX NYLOCK	AS REQ'D
REV C 20110902				

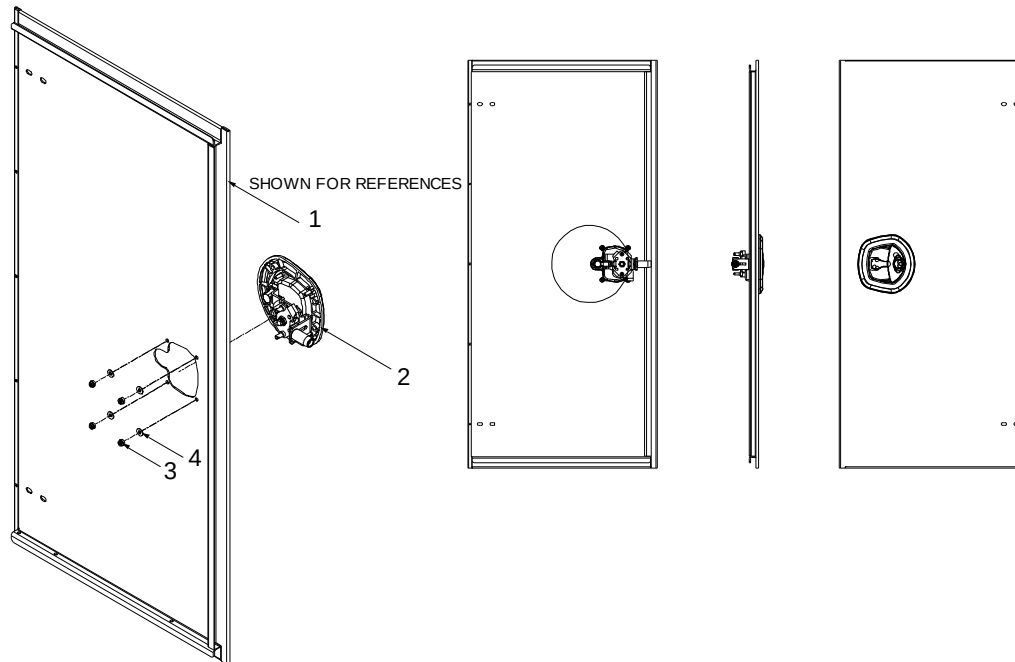
Door Assembly, Dominator III (99905143)



ITEM	LOCATION	52" DOMINATOR III	60" DOMINATOR III
1.	LEFT VERTICAL 1 WITH LATCH	71414325	71414327
2.	LEFT VERTICAL 1 WITHOUT LATCH	71414344	71414346
3.	LEFT VERTICAL 2	71414317	71414314
5.	LEFT HORIZONTAL WITH LATCH	71414326	71414328
6.	LEFT HORIZONTAL WITHOUT LATCH	71414345	71414347
9.	LEFT REAR	71414319	71414320
10.	RIGHT VERTICAL 1 WITH LATCH	71414325	71414327
11.	RIGHT VERTICAL 1 WITHOUT LATCH	71414344	71414346
12.	RIGHT VERTICAL 2	71414318	71414315
14.	RIGHT HORIZONTAL WITH LATCH	71414329	71414330
15.	RIGHT HORIZONTAL WITHOUT LATCH	71414348	71414349
18.	CRANE BOX	71414321	N/A
19.	WORKBENCH	60126276	60126276

ITEM	LOCATION	52" DOMINATOR III	60" DOMINATOR III
20.	72601652 - SCREW-MACHINERY .25-20X .75 TRH TORX SS	4 PER HINGE	
20.	72601653 - SCREW-MACHINERY .25-20X 1.00 TRH TORX SS.	2 PER HINGE	
21.	72062194 - NUT-SS .25-20 NYLOC	3 PER HINGE	
22.	72062264 - WELD NUT .25-20 FOR HINGE	1 PER HINGE	
23.	72661383 - HINGE-SS 10GA BUTT	ALL HINGES	

Door Latch Installation (99906023)



Note: This image shows the current Door Latch Installation without the backing plate. For replacement door latch, use IMT Part Number, 72661599.

99906023 PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	REF	DOOR-HEM DS3 SGL	1
2	72661713	LATCH ASM-SPT COMPRESSION-STAMPED	1
3	72062106	NUT #10-24 HEX GR2 Z NYLOCK	4
4	72063268	WASHER-FLAT #10 W ANSI B27.2 Z	4
20160803			

Key Cylinder Replacement

KEY CYLINDER REPLACEMENT: The Dominator service vehicle uses door latch assembly 72661599 on all compartment doors. Upon installation, the latch assemblies have a common key cylinder. However, the key cylinders can be changed so compartments use different keys. This feature allows different Dominator compartments to have different keys, thus increasing security.

Latch Assembly 72661599 Effective 9/25/13

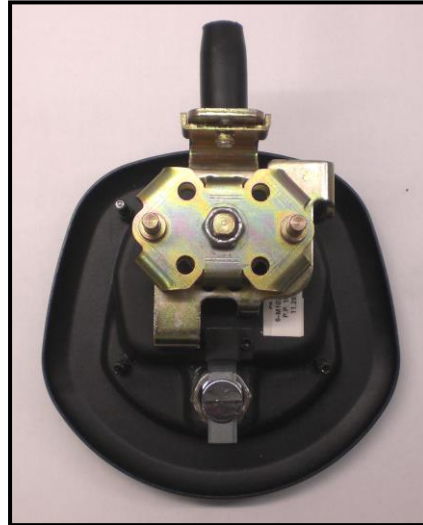
72661713	Latch Assembly **shown at right
----------	---------------------------------

Standard Key Cylinder:

72661727	Cylinder/Key Compression Latch J223
----------	-------------------------------------

Alternate Key Cylinders:

72661728	Cylinder/Key Compression Latch J201
72661729	Cylinder/Key Compression Latch J202
72661730	Cylinder/Key Compression Latch J203
72661731	Cylinder/Key Compression Latch J204
72661732	Cylinder/Key Compression Latch J205
72661733	Cylinder/Key Compression Latch J206
72661734	Cylinder/Key Compression Latch J207
72661735	Cylinder/Key Compression Latch J208
72661736	Cylinder/Key Compression Latch J209
72661737	Cylinder/Key Compression Latch J210



Latch Assembly 72661599 Through 9/25/13

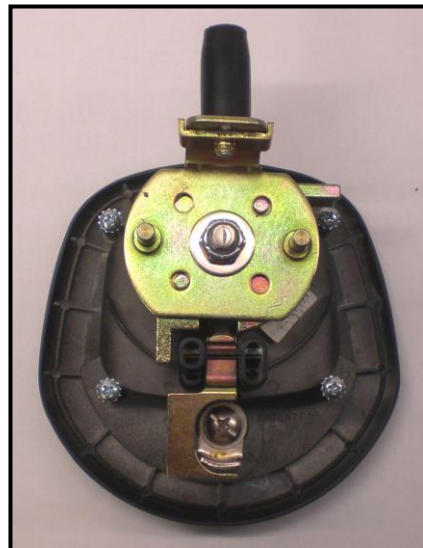
72661726	Latch Assembly **shown at right
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Standard Key Cylinder:

72661608	Cylinder/Key Compression Latch J223
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Alternate Key Cylinders:

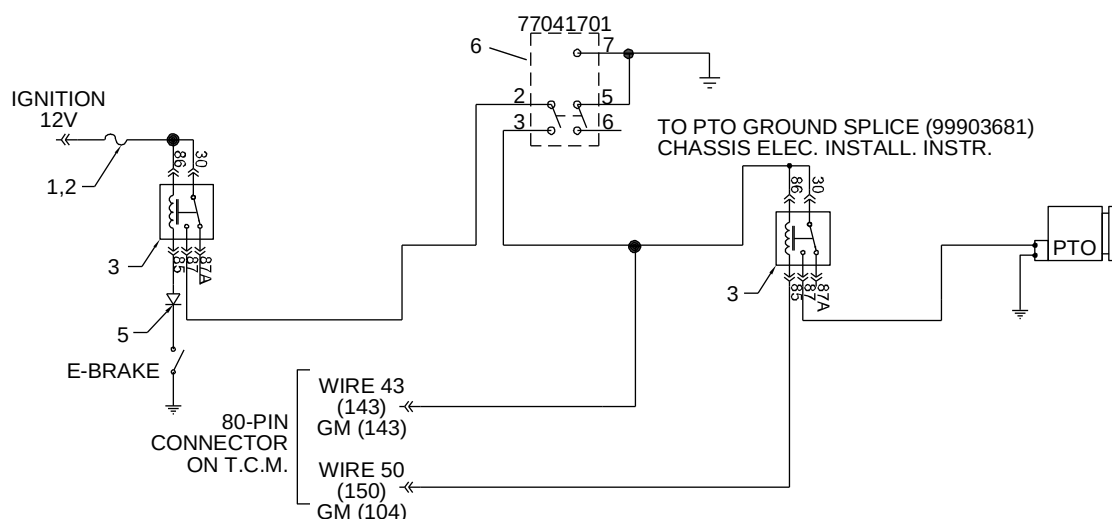
72661609	Cylinder/Key Compression Latch J201
72661610	Cylinder/Key Compression Latch J202
72661611	Cylinder/Key Compression Latch J203
72661612	Cylinder/Key Compression Latch J204
72661613	Cylinder/Key Compression Latch J205
72661614	Cylinder/Key Compression Latch J206
72661615	Cylinder/Key Compression Latch J207
72661616	Cylinder/Key Compression Latch J208
72661617	Cylinder/Key Compression Latch J209
72661618	Cylinder/Key Compression Latch J210



Part # 72661619, Cylinder/Key Tool for Compression Latch, is required to change the key cylinders on Latch Assembly 72661726.

PTO Wiring Installation-2006 to Present (99904085)

Allison T1000/T2000 TCM with Single PTO (4th Generation) (2006-present) (99904085-1)

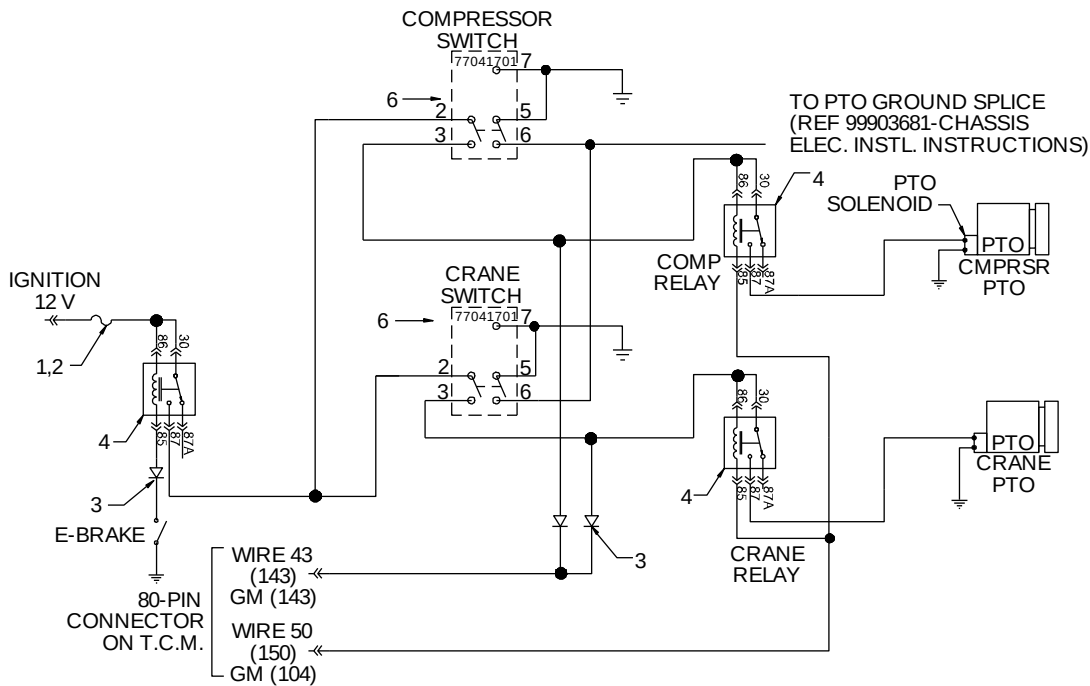


NOTE:

- 1 Different chassis may have different codes for the TCM wire numbers.
- 2 TCM for Freightliner is behind the dash on the passenger side of the cab. Splice into appropriate wires at that location.
- 3 TCM for Sterling Actera is located under the cab. Use customer access Metripack connector located on the driver's side wheel well. Use cavity "F" for pin 43 and cavity "G" for pin 50. Use item #5 terminal to connect.
- 4 TCM for International 4300 and 4400 models is located under the cab. Use customer access Metripack connector located in the driver's side, upper wheel well. Use cavity "B" for wire 43 and cavity "C" for wire 50. Use item #5 terminal to connect.
- 5 2007 and newer GM Transmission Connector (Located near upfitter connector in the engine compartment on the right side) Wire 143 = Pin C; Wire 104 = Pin K.

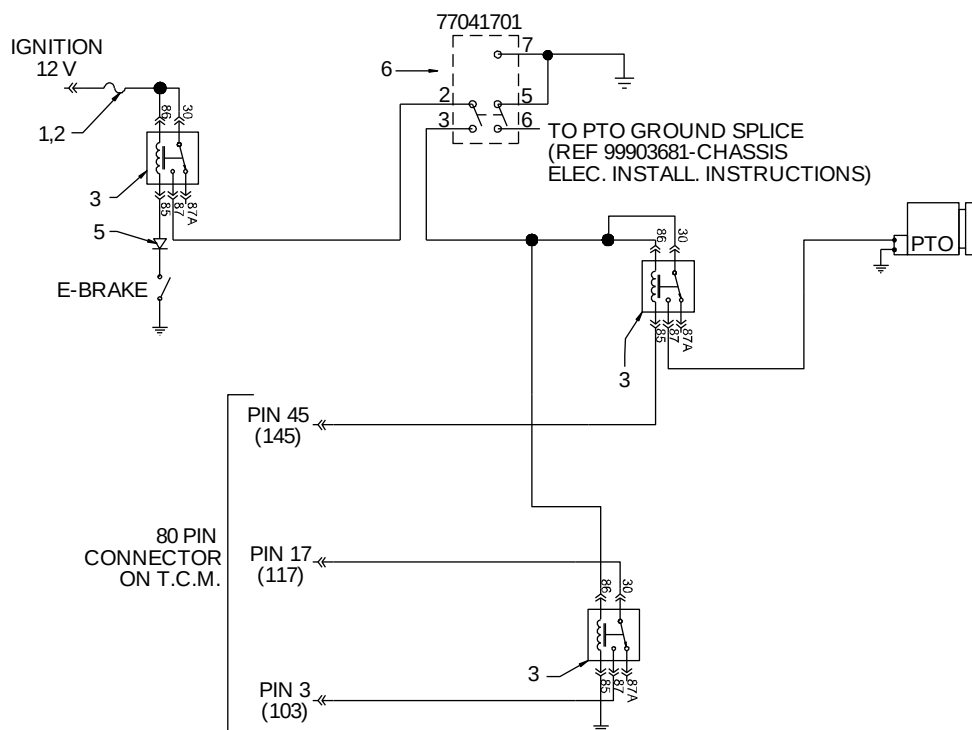
ALLISON T1000/T2000 4th GEN SINGLE PTO WIRING PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	77044764	FUSE HOLDER W/O FUSE	1
2.	77041527	FUSE-ATC 7.5 AMP	1
3.	77041251	RELAY	2
4.	77441047	TERMINAL, MP 150 16-18GA MALE	2
5.	77044556	DIODE	1
6.	77041701	SWITCH-ROCKER	1
NEW 20061108			

Allison T1000/T2000 TCM with Dual PTO (4th Generation) (2006-present) (99904085-2)**NOTE:**

- 1 Different chassis may have different codes for the TCM wire numbers.
- 2 TCM for Freightliner is behind the dash on the passenger side of the cab. Splice into appropriate wires at that location.
- 3 TCM for Sterling Actera is located under the cab. Use customer access Metripack connector located on the driver's side wheel well. Use cavity "F" for pin 43 and cavity "G" for pin 50. Use item #5 terminal to connect.
- 4 TCM for International 4300 and 4400 models is located under the cab. Use customer access Metripack connector located in the driver's side, upper wheel well. Use cavity "B" for wire 43 and cavity "C" for 50. Use item #5 terminal to connect.
- 5 2007 and newer GM Transmission Connector (Located near upfitter connector in the engine compartment on the right side) Wire 143 = Pin C; Wire 104 = Pin K.

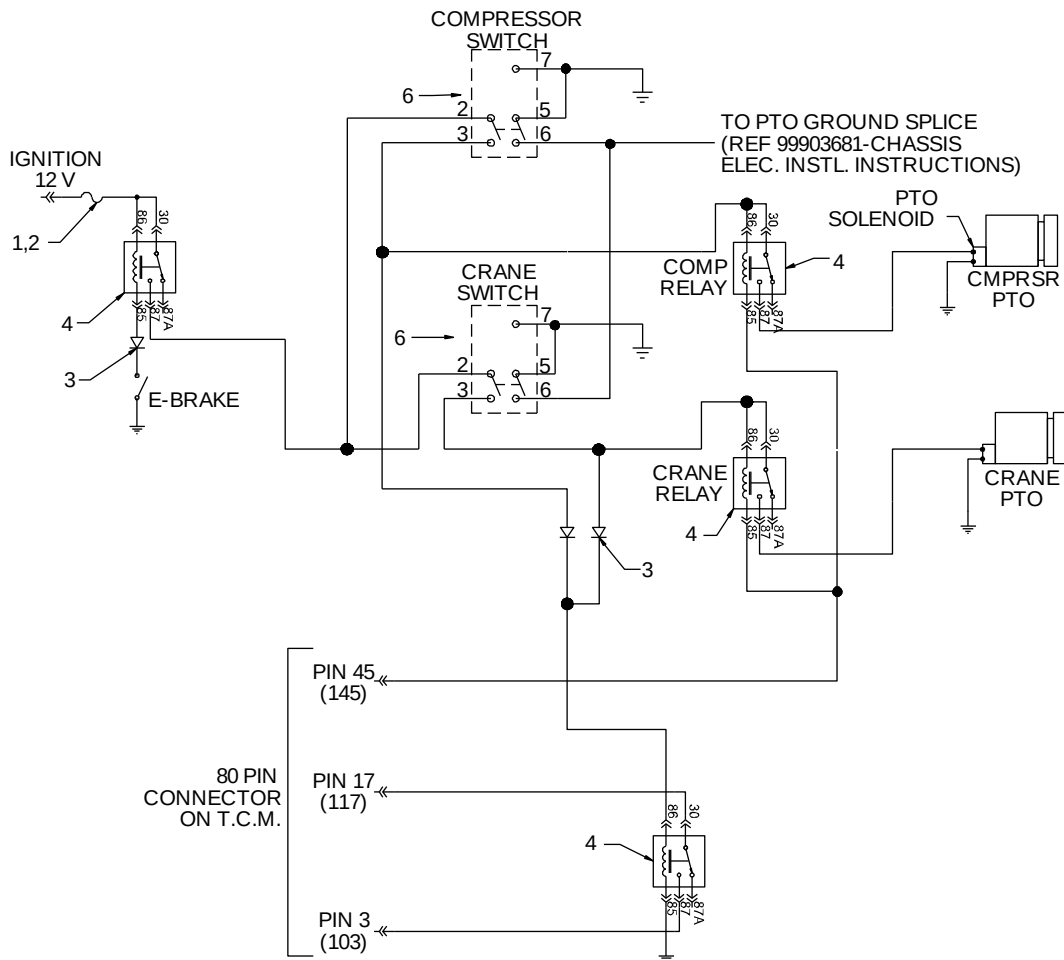
ALLISON T1000/T2000 4th GEN DUAL PTO WIRING PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77044764	FUSE HOLDER W/O FUSE	1
2.	77041527	FUSE-ATC 7.5 AMP	1
3.	77044556	DIODE - 2.2 AMP/ 274 V	3
4.	77041251	RELAY	3
5.	77441047	TERMINAL, MP 150 16-18GA MALE	2
6.	77041701	SWITCH-ROCKER	2
NEW 20061108			

Allison T3000/T4000 TCM with Single PTO (4th Generation) (2006-present) (99904085-3)**NOTE:**

- 1 Different chassis may have different codes for the TCM wire numbers.
- 2 TCM for Freightliner is behind the dash on the passenger side of the cab. Splice into appropriate wires at that location.
- 3 2007 and newer GM Transmission Connector (Located near upfitter connector in the engine compartment on the right side) Pin 45 = Pin A; Pin 17 = Pin B; Pin 3 = Pin J

ALLISON T3000/T4000 4th GEN SINGLE PTO WIRING PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77044764	FUSE HOLDER W/O FUSE	1
2.	77041527	FUSE-ATC 7.5 AMP	1
3.	77041251	RELAY	2
4.	77441047	TERMINAL MP 150 16-18GA	3
5.	77044556	DIODE - 2.2 AMP/ 274 V	1
6.	77041701	SWITCH-ROCKER	1
NEW 20061108			

Allison T3000/T4000 TCM with Dual PTO (4th Generation) (2006-present) (99904085-4)

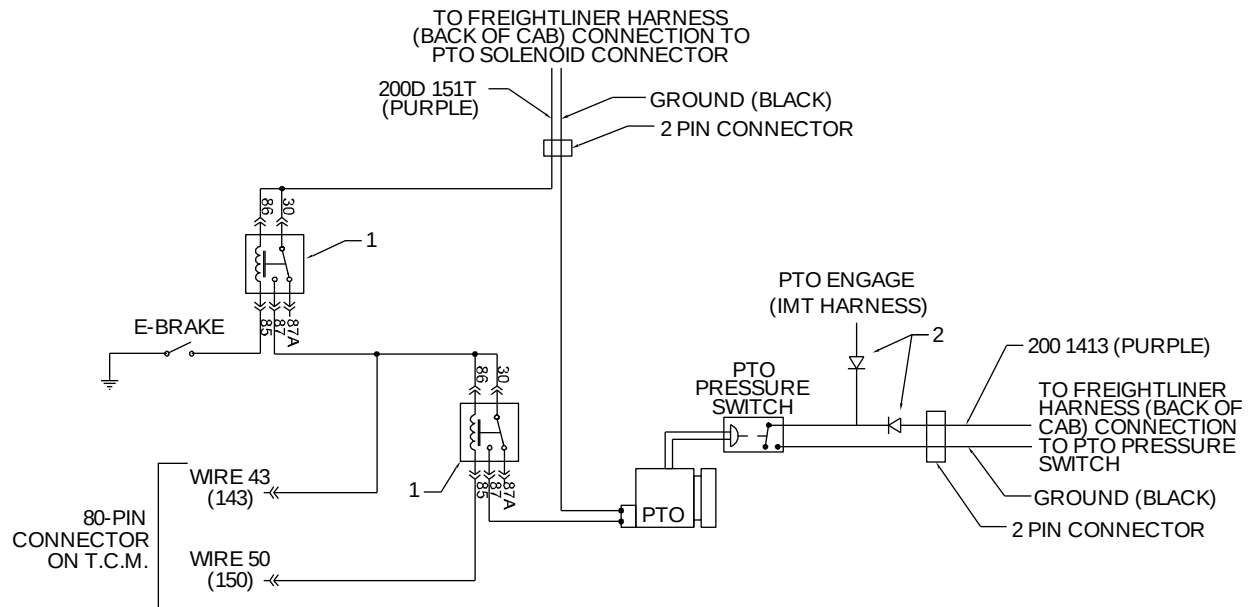


NOTE:

- 1 Different chassis may have different codes for the TCM wire numbers.
- 2 TCM for Freightliner is behind the dash on the passenger side of the cab. Splice into appropriate wires at that location.
- 3 007 and newer GM Transmission Connector (Located near upfitter connector in the engine compartment on the right side) Pin 45 = Pin A; Pin 17 = Pin B; Pin 3 = Pin J

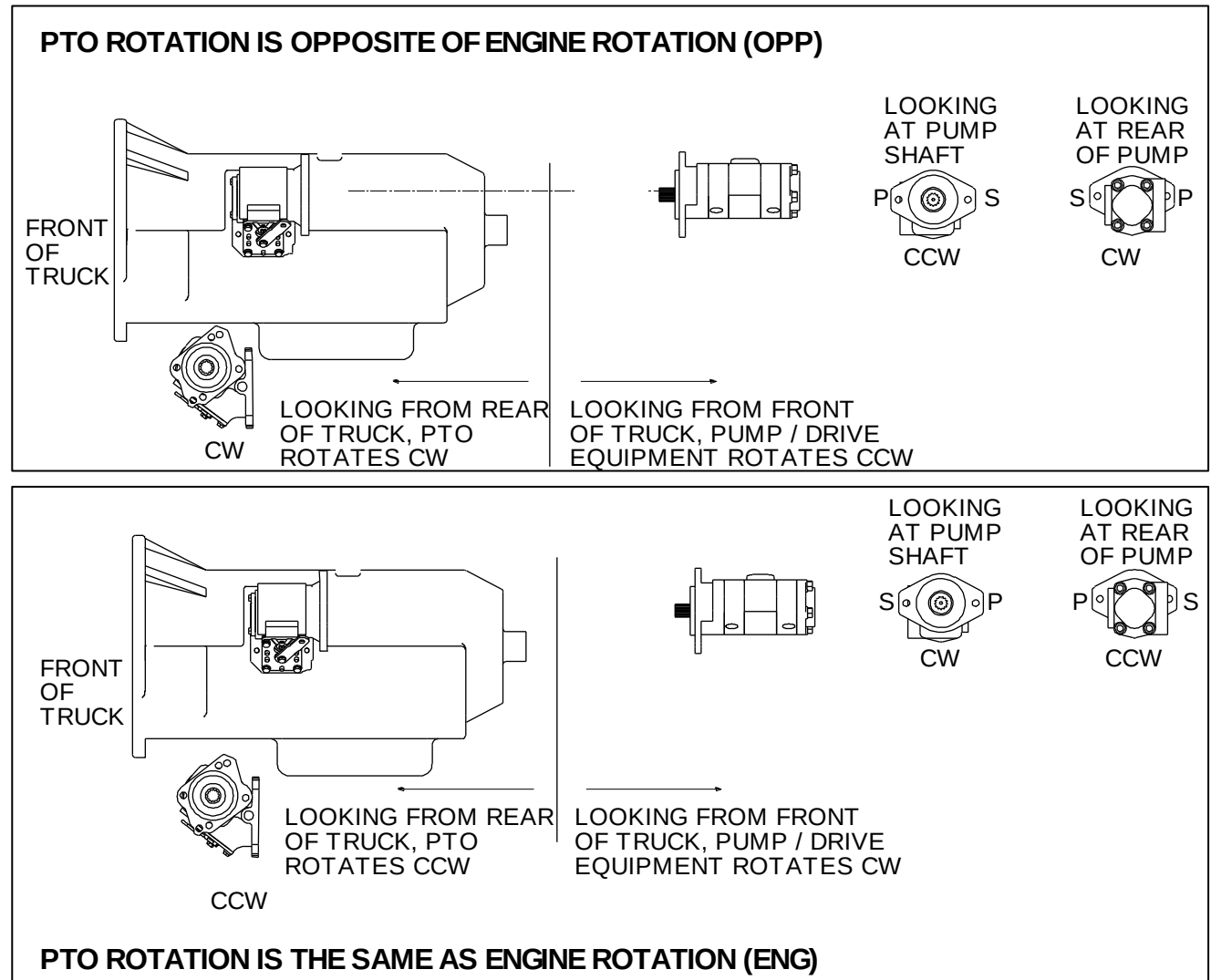
ALLISON T3000/T4000 4th GEN DUAL PTO WIRING PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77044764	FUSE HOLDER W/O FUSE	1
2.	77041527	FUSE-ATC 7.5 AMP	1
3.	77044556	DIODE - 2.2 AMP/ 274 V	3
4.	77041251	RELAY	4
5.	77441047	TERMINAL, MP 150 16-18GA MALE	REF
6.	77041701	SWITCH-ROCKER	2
NEW 20061108			

Allison T1000/T2000 TCM Freightliner - Single PTO (4th Generation) (2006-present) (99904085-5)

**ALLISON T1000/T2000 4th GEN FREIGHTLINER PTO WIRING PARTS LIST**

ITEM	PART #	DESCRIPTION	QUANTITY
1.	77041251	RELAY	2
2.	77044556	DIODE - 2.2 AMP/ 274 V	2
NEW 20061108			

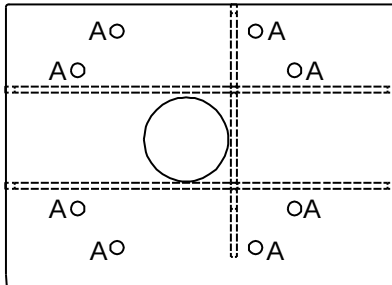
PTO/Pump Rotation Guide (99904279)



NOTES:

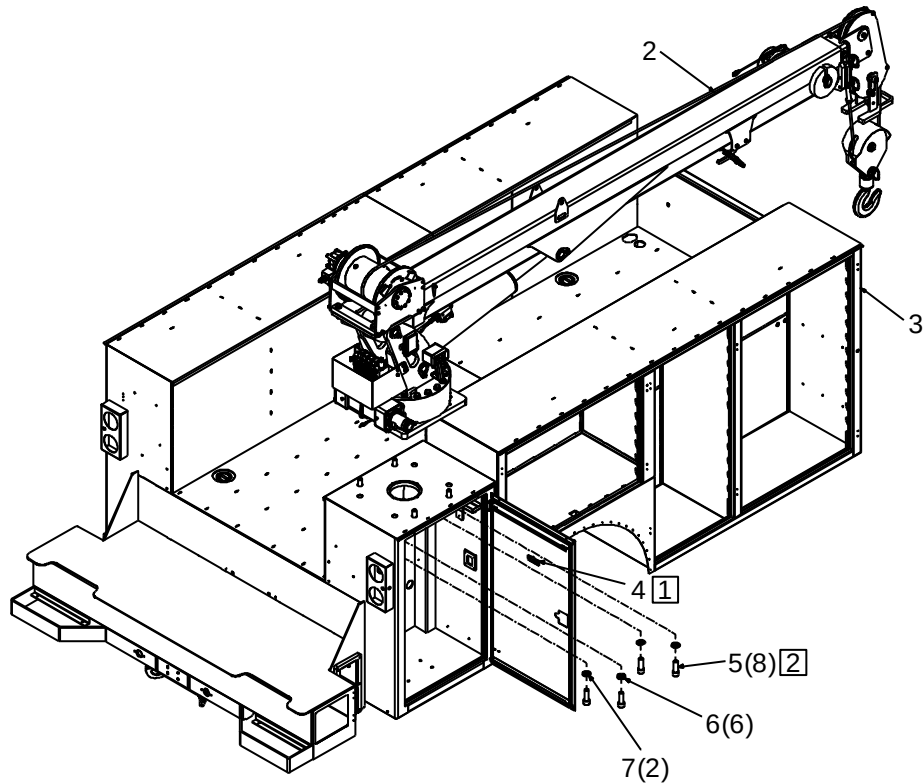
- 1 The pump / driven equipment should always rotate in the opposite direction of the PTO.
- 2 A geared adapter will always change the rotation of the PTO.

Crane Installation Hole Pattern (Dom III-IV) (99905219)



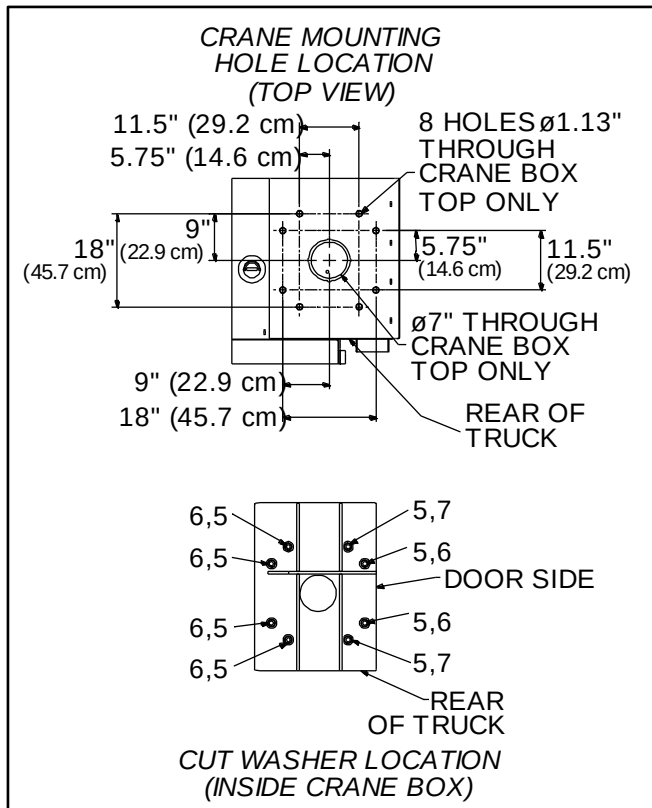
HOLES	CRANE MODEL
A	12000, 14000

Dom III - IV - 12000 - 14000 Crane Installation Kit (99905068)



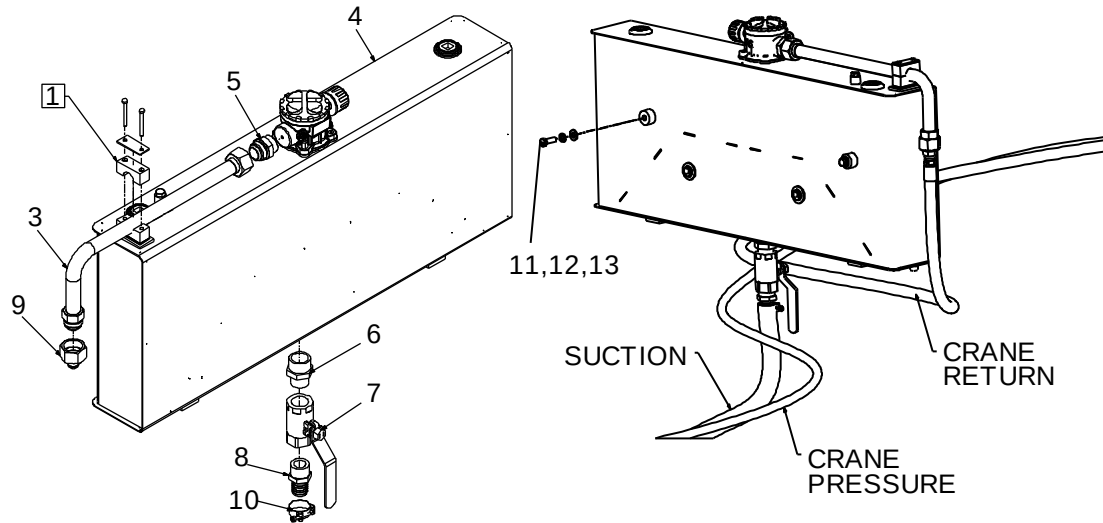
NOTES (SEE REFERENCE NUMBER IN BOX):

- 1 INSTALL THE LEVEL INDICATOR (72042097) PARALLEL TO THE DOOR REINFORCEMENTS.
- 2 TORQUE MOUNTING BOLTS TO 680 FT-LB (94 KG-M). (8 PLACES) USE THE SUPPLIED 3" (7.6 cm) BOLTS WITH A CRANE BOX TOP PLATE THICKNESS OF 1/2" TO 5/8" (1.3 cm TO 1.6 cm) ONLY. DETERMINE THE THICKNESS OF THE CRANE BOX TOP PLATE PRIOR TO MOUNTING. IF DIFFERENT LENGTH BOLTS ARE REQUIRED, THEY MUST BE 1-8, GRADE 8, ZINC COATED, OF PROPER LENGTH. FAILURE TO USE PROPER LENGTH BOLTS MAY CAUSE THE BOLTS UNDER THE CRANE SWING BEARING TO BOTTOM OUT BEFORE TORQUING. INSURE A MINIMUM OF 1-1/2" (3.8 cm) THREAD ENGAGEMENT.

**99905068 PARTS**

ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
1.	93713670	INSTALLATION KIT	12000-14000		1
2.	CRANE	CRANE ASSEMBLY			REF
3.	BODY	DOMINATOR BODY			REF
4.	72042097	LEVEL INDICATOR LEVEL		#1	1
5.	72601748	CAP SCREW	1.00- 8X 3.00 SH GR8	#1	8
6.	72063066	WASHER	1.00 FLAT HI STR	#1	6
7.	72063286	WASHER-FLAT	1.00 ASTM F436 Z-CUT		2
REV B 20110920					

Hydraulic Installation, Crane (99905203)



NOTES (SEE REFERENCE NUMBER IN BOX):

1 CLAMP ASSEMBLY IS PART OF ITEM #4.

HYDRAULIC LINES

BODY LENGTH	9'	11'	13'	14'	19'
CRANE PRESSURE	51399200	51396239	51396721	51396721	51397030
CRANE RETURN	51399182	51399183	51399180	51399180	51399207
SUCTION	89399174-6'	89399174-6'	89399174-6'	89399174-6'	89399174-6'

HYDRAULIC LINES WITH WELDER DECK

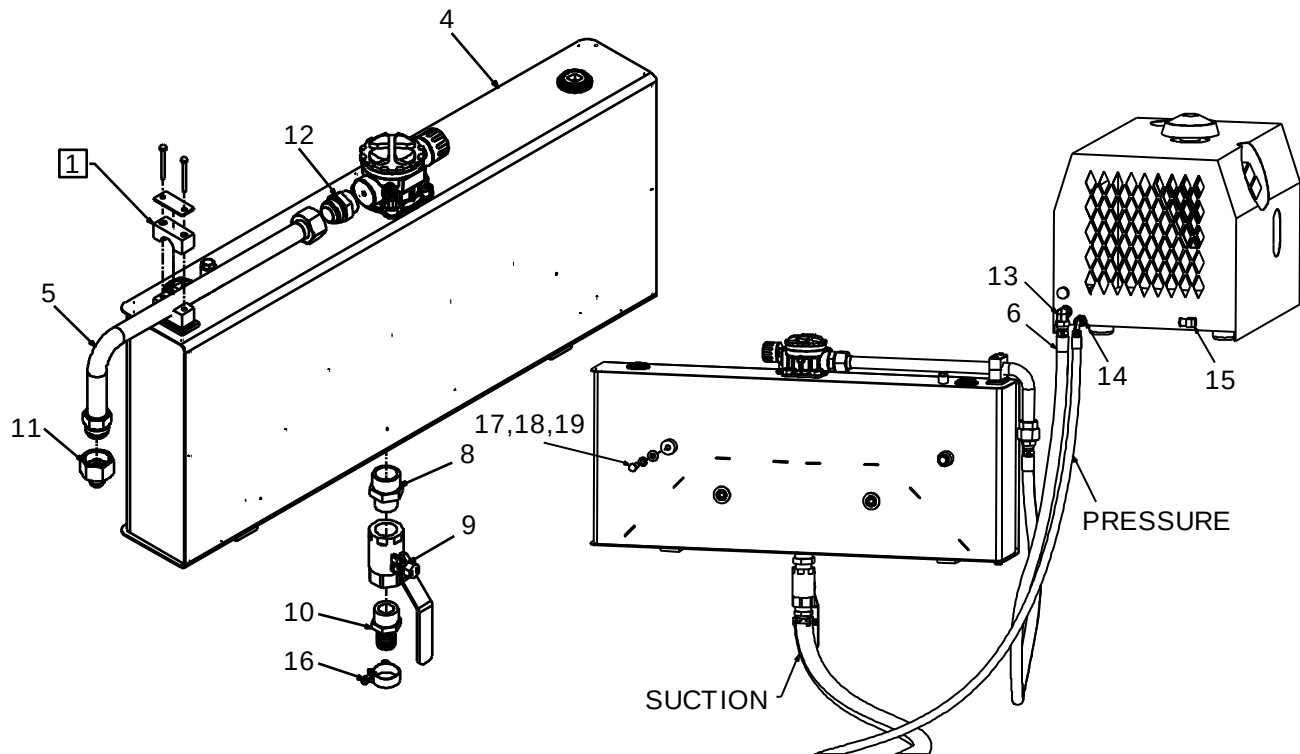
BODY LENGTH	9'	11'	13'	14'	19'
CRANE PRESSURE	51399201	51396721	51396722	51396722	51397032
CRANE RETURN	51399184	51399180	51399208	51399209	51399210
SUCTION	89399174-9'	89399174-9'	89399174-9'	89399174-9'	89399174-9'

99905203 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QTY
1.	91723963	KIT, HYDRAULIC RESERVOIR		REF	1
2.	91724099	KIT-HYDRAULIC	1.25 SUCTION	REF	1
3.	71414719	TUBE ASSEMBLY-HYDRAULIC RESERVOIR	1.25 OD	1	1
4.	51723758	RESERVOIR ASSEMBLY WITH FILTER	21 GAL	1	1
5.	72534749	ADAPTER	M STR/M JIC 20 20	1	1
6.	72534438	ADAPTER	MPT/HEX/MPT 1.50 1.25	2	1
7.	73054232	VALVE-BALL	1.25	2	1
8.	72531550	NIPPLE-BARB	STL 1.25MPT 1.25	2	1
9.	72534811	ADAPTER	M JIC/F JIC 12 20	-	1
10.	72661642	CLAMP-HOSE	1.75 T-BOLT	2	2
11.	72060093	CAP SCREW	.50-13X 1.50 HH GR5 Z	1	2

99905203 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QTY
12.	72063005	WASHER	.50 FLAT	1	2
13.	72063053	WASHER	.50 LOCK	1	2
REV A 20110923					

Hydraulic Installation, CAS435HA Compressor (99905204)



NOTES (SEE REFERENCE NUMBER IN BOX):

1 CLAMP ASSEMBLY IS PART OF ITEM #4.

HYDRAULIC LINES

BODY LENGTH	9'	11'	13'	14'	19'
COMPRESSOR	51396287	51399186	51399186	51399186	51399186
PRESSURE					
SUCTION	89399174-6'	89399174-6'	89399174-6'	89399174-6'	89399174-6'

HYDRAULIC LINES WITH WELDER DECK

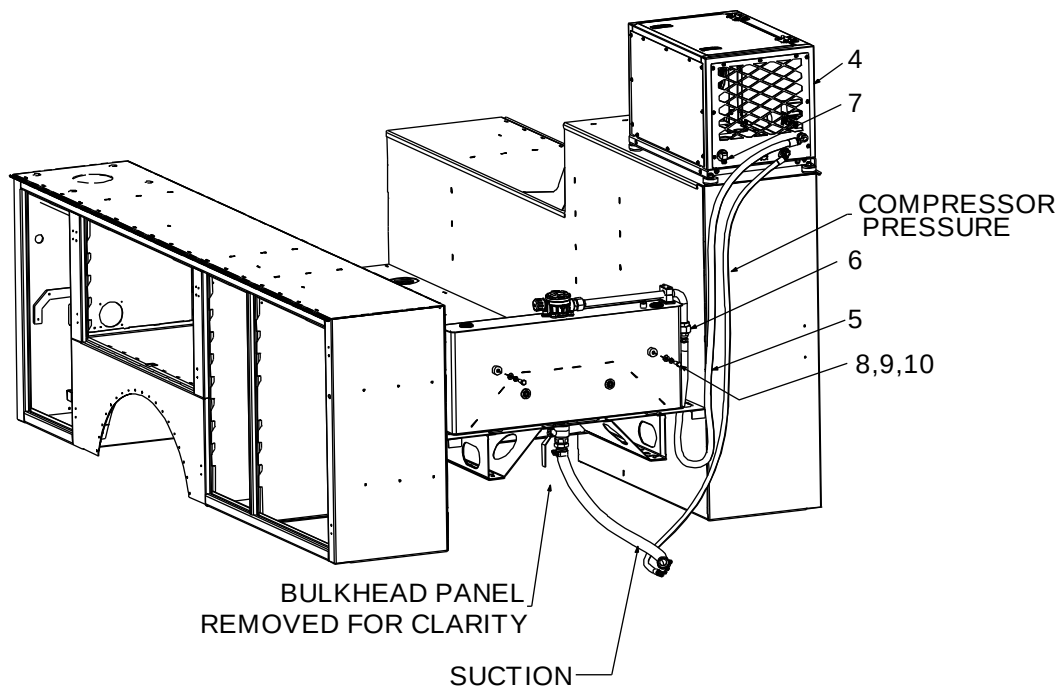
BODY LENGTH	9'	11'	13'	14'	19'
COMPRESSOR	51399187	51399187	51399187	51399187	51399187
PRESSURE					
SUCTION	89399174-9'	89399174-9'	89399174-9'	89399174-9'	89399174-9'

99905204 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QTY
1.	91723963	KIT, HYDRAULIC RESERVOIR		REF	1
2.	91723964	KIT, HYDRAULIC CAS435		REF	1
3.	91724099	KIT, HYDRAULIC SUCTION	1.25	REF	1
4.	51723758	RESERVOIR ASSEMBLY WITH FILTER	21 GAL	1	1

99905204 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QTY
5.	71414719	TUBE ASSEMBLY-HYDRAULIC RESERVOIR	1.25 OD	1	1
6.	51399166	HOSE	FF .75 X 88.00 (12-12)	2	1
7.	20013	COMPRESSOR-MODEL CAS435HA		-	1
8.	72534438	ADAPTER	MPT/HEX/MPT 1.50 1.25	3	1
9.	73054232	VALVEBALL	1.25	3	1
10.	72531550	NIPPLEBARB	STL 1.25MPT 1.25	3	1
11.	72534811	ADAPTER	M JIC/F JIC 12 20	-	1
12.	72534749	ADAPTER	M STR/M JIC 20 20	1	1
13.	72053766	ELBOW	M STR/90/M JIC 10 12	2	1
14.	72532359	ADAPTER	M STR/M JIC 10 8	2	1
15.	72533592	NIPPLEBARB	BRS .50MPT/90/.75	2	1
16.	72661642	CLAMPHOSE	1.75 T-BOLT	3	2
17.	72060093	CAP SCREW	.50-13X 1.50 HH GR5 Z	1	2
18.	72063005	WASHER	.50 FLAT	1	2
19.	72063053	WASHER	.50 LOCK	1	2
REV A 20110923					

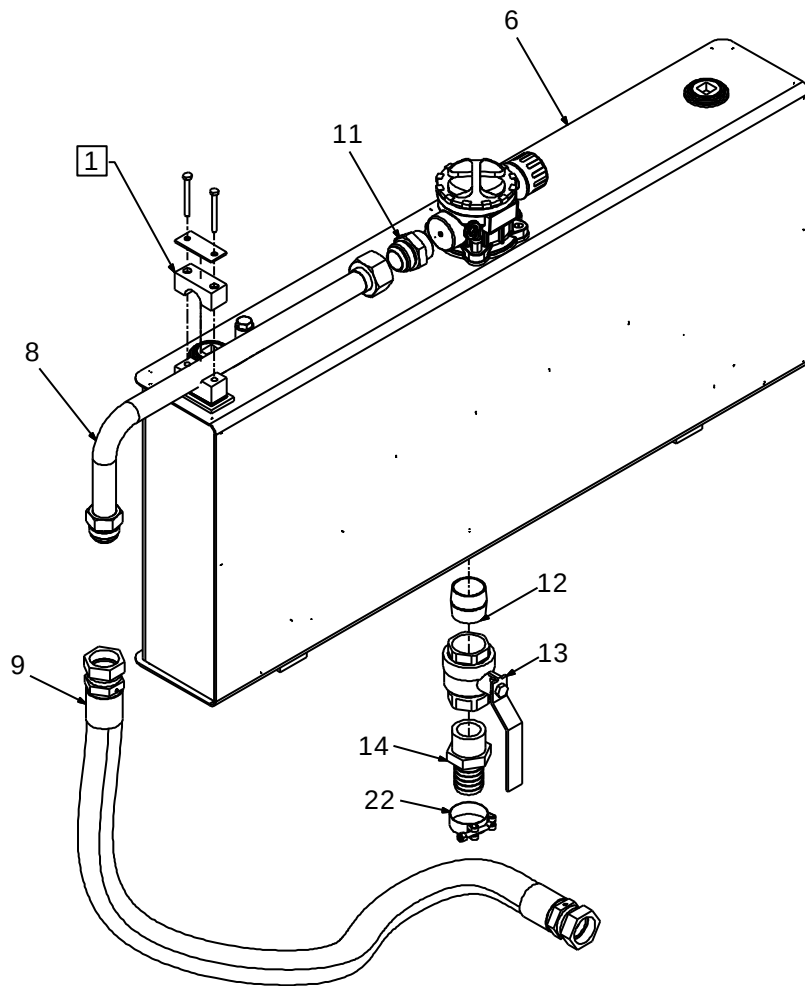
Hydraulic Installation, CAS40P Compressor (99905350)

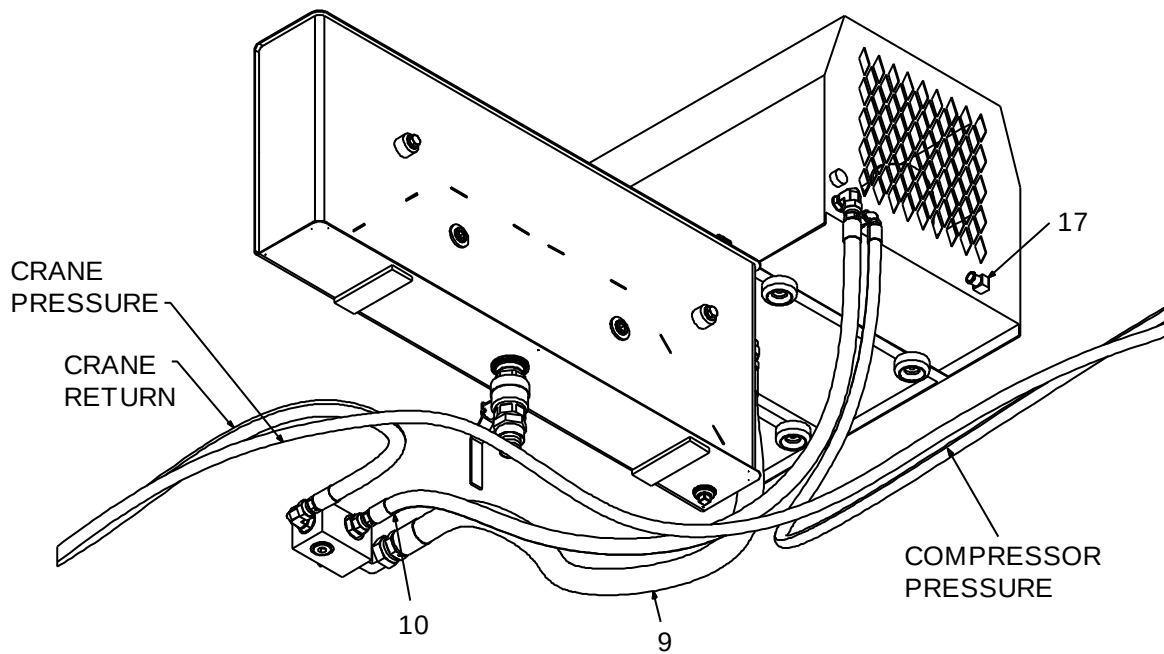
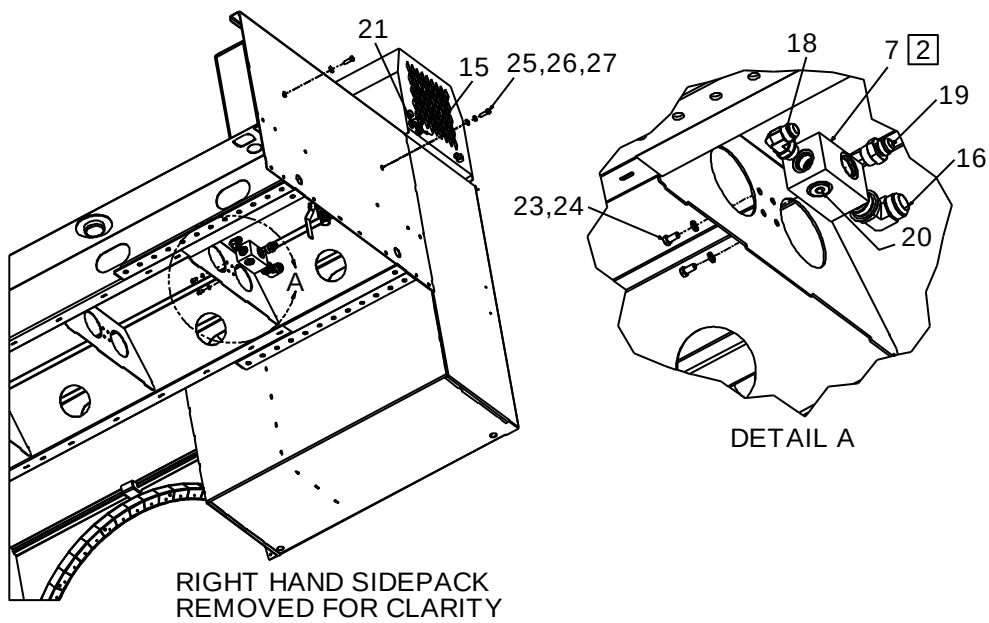


	HYD LINES	HYD LINES WITH WELDER DECK
BODY LENGTH	9' - 19'	9' - 19'
COMPRESSOR PRESSURE	51396267	51396268
SUCTION	89393401-6'	89393401-9'

99905350 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	91723963	KIT, HYDRAULIC RESERVOIR		REF
2.	91723969	KIT, HYDRAULIC CAS40P		REF
3.	91724099	KIT, HYDRAULIC SUCTION	1.25	REF
4.	CAS40P	COMPRESSOR-MODEL CAS40P		1
5.	51399265	HOSE	FJ .75 X 104 (12-12) 100R4 GMV	1
6.	72534811	ADAPTER	MJIC/FJIC 12 20	1
7.	72534819	NIPPLE	BARB BRASS .75MPT/90/.75	1
8.	72060093	CAP SCREW	M JIC/F JIC 12 20	2
9.	72063005	WASHER	.50 FLAT	2
10.	72063053	WASHER	.50 LOCK	2
NEW 20111215				

Hydraulic Installation, Crane & CAS435HA Compressor (99905205)





HYDRAULIC LINES

	11'	13'	14'	19'
CRANE PRESSURE	51396329	51396721	51396721	51397030
CRANE RETURN	51399177	51399178	51399179	51399180
COMPRESSOR PRESSURE	51399186	51399186	51399186	51399186
SUCTION	89397483-6'	89397483-6'	89397483-6'	89397483-6'

HYDRAULIC LINES WITH WELDER DECK

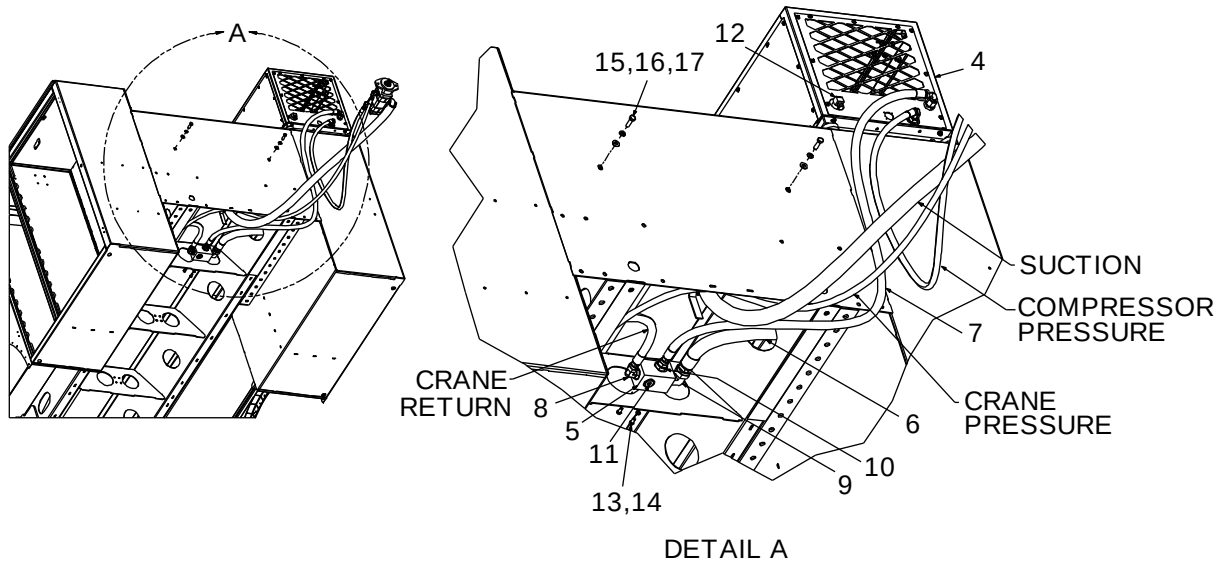
	11'	13'	14'	19'
CRANE PRESSURE	51396721	51396722	51396722	51397032
CRANE RETURN	51399182	51399183	51399184	51399185
COMPRESSOR PRESSURE	51399187	51399187	51399187	51399187
SUCTION	89397483-9'	89397483-9'	89397483-9'	89397483-9'

NOTES (SEE REFERENCE NUMBER IN BOX):

- 1 CLAMP ASSEMBLY IS PART OF ITEM #6.
- 2 MOUNT RETURN MANIFOLD ON GUSSET CLOSEST TO RESERVOIR.

99905205 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
1.	91723963	KIT, HYDRAULIC RESERVOIR		REF	1
2.	91723962	KIT, HYDRAULIC RETURN MANIFOLD		REF	1
3.	91723964	KIT, HYDRAULIC CAS435		REF	1
4.	91724098	KIT-HYDRAULIC SUCTION	1.5	REF	1
5.	20013	COMPRESSOR-MODEL CAS435HA		-	1
6.	51723758	RESERVOIR ASSEMBLY WITH FILTER	21 GAL	1	1
7.	73540446	MANIFOLD-RETURN		2	1
8.	71414719	TUBE ASSEMBLY-HYDRAULIC RESERVOIR	1.25 OD	1	1
9.	51399167	HOSE	FF 1.25 X 49.00 (20-20)	2	1
10.	51399166	HOSE	FF .75 X 88.00 (12-12)	3	1
11.	72534749	ADAPTER	M STR/M JIC 20 20	1	1
12.	72053251	NIPPLE-PIPE	BLK 1.50X CLOSE	4	1
13.	73054379	VALVE-BALL	1.5	4	1
14.	72531552	NIPPLE-BARB	STL 1.50MPT 1.50	4	1
15.	72532359	ADAPTER	M STR/M JIC 10 8	3	1
16.	72534814	ELBOW	M STR/90/M JIC 20 20	2	1
17.	72533592	NIPPLE-BARB BRS	.50MPT/90/.75	3	1
18.	72053767	ELBOW	M STR/90/M JIC 12 12	2	1
19.	72532367	ADAPTER	M STR/M JIC 16 12	3	1
20.	72534564	PLUG-STR	SOC HD STL 12 ZERO LEAK	2	1
21.	72053766	ELBOW	M STR/90/M JIC 10 12	3	1
22.	72661656	CLAMP-HOSE	2.00 T-BOLT	4	2
23.	72601992	CAP SCREW	.38-16X .75 HH GR5 Z	2	2
24.	72063051	WASHER	.38 LOCK	2	2
25.	72060093	CAP SCREW	.50-13X 1.50 HH GR5 Z	1	2
26.	72063005	WASHER	.50 FLAT	1	2
27.	72063053	WASHER	.50 LOCK	1	2
REV A 20110923					

Hydraulic Installation, Crane & CAS40P (99905351)



HYDRAULIC LINES

	11'	13'	14'	19'
CRANE PRESSURE	51396329	51396721	51396721	51397030
CRANE RETURN	51399177	51399178	51399179	51399180
COMPRESSOR PRESSURE	51399267	51399267	51399267	51399267
SUCTION	89397483-6'	89397483-6'	89397483-6'	89397483-6'

HYDRAULIC LINES WITH WELDER DECK

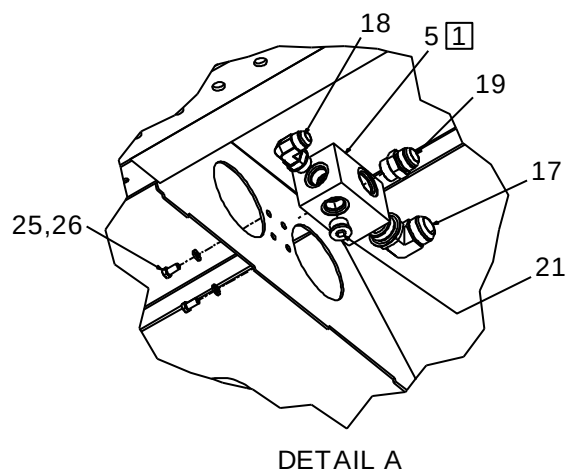
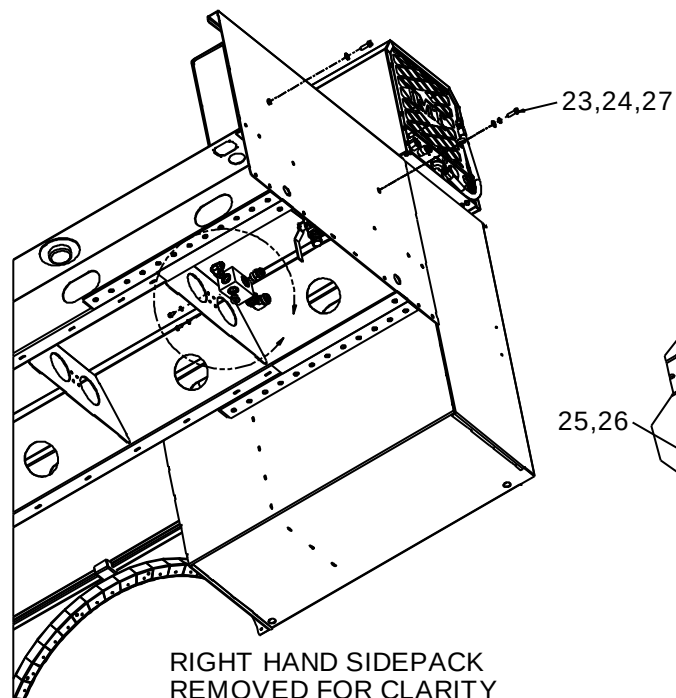
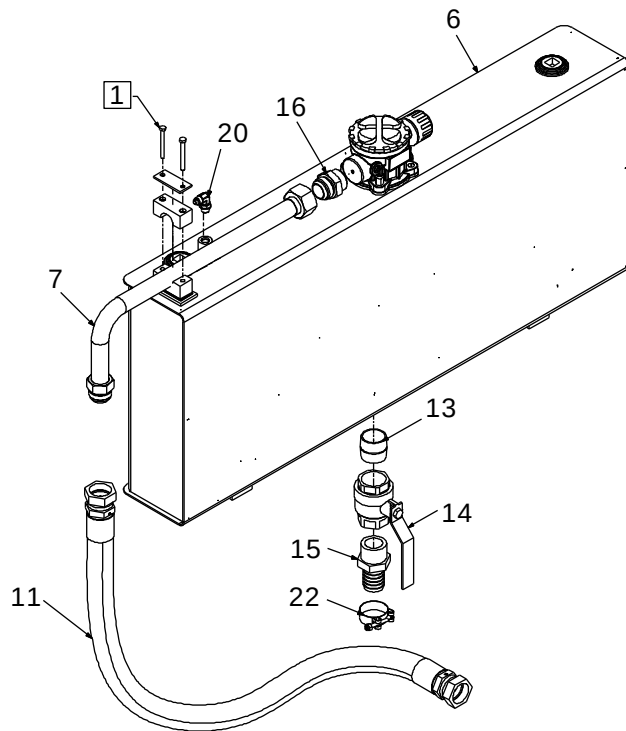
	11'	13'	14'	19'
CRANE PRESSURE	51396721	51396722	51396722	51397032
CRANE RETURN	51399182	51399183	51399184	51399185
COMPRESSOR PRESSURE	51399268	51399268	51399268	51399268
SUCTION	89397483-9'	89397483-9'	89397483-9'	89397483-9'

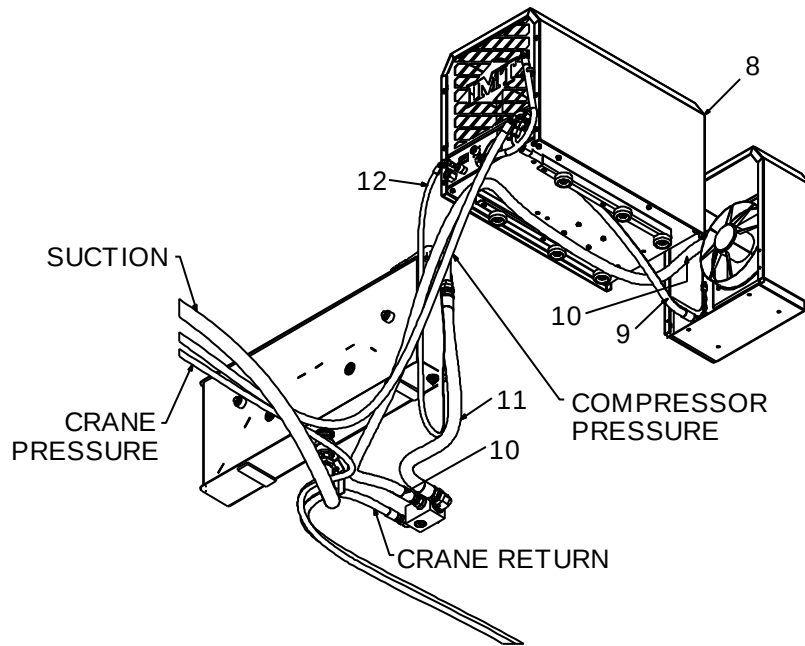
99905351 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	91723962	KIT-HYDRAULIC RETURN MANIFOLD		1
2.	91723963	KIT-HYDRAULIC RESERVOIR		1
3.	91723968	KIT-HYDRAULIC CAS40P		1
4.	CAS40P	COMPRESSOR CAS40P		1
5.	73540446	MANIFOLD-RETURN		1
6.	51399167	HOSE	FF 1.25 X 49.00 (20-20) 100R4 GMV	1
7.	51399265	HOSE	FJ .75 X 104.00 (12-12) 100R4 GMV	1

99905351 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
8.	72053767	ELBOW	M STR/90/M JIC 12 12	1
9.	72534814	ELBOW	M STR/90/M JIC 20 20	1
10.	72532367	ADAPTER	M STR/M JIC 16 12	1
11.	72534564	PLUG-	STR SOC HD STL 12 ZERO LEAK	1
12.	72534819	NIPPLE-	BARB BRS .75MPT/90/.75	1
13.	72063051	WASHER	.38 LOCK	2
14.	72060044	CAP SCREW	.38-16X .75 HH GR5 Z	2
15.	72063005	WASHER	.50 FLAT	2
16.	72060093	CAP SCREW	.50-13X 1.50 HH GR5 Z	2
17.	72063053	WASHER	.50 LOCK	2
NEW 20111215				

Hydraulic Installation, Crane & CAS3560 (99905206)





HYDRAULIC LINES

	11'	13'	14'	19'
CRANE PRESSURE	51396329	51396721	51396721	51397030
CRANE RETURN	51399177	51399178	51399179	51399180
COMPRESSOR PRESSURE	51399175	51399175	51399175	51399175

HYDRAULIC LINES WITH WELDER DECK

	11'	13'	14'	19'
CRANE PRESSURE	51396721	51396722	51396722	51397032
CRANE RETURN	51399182	51399183	51399184	51399185
COMPRESSOR PRESSURE	51399204	51399204	51399204	51399204

NOTES (SEE REFERENCE NUMBER IN BOX):

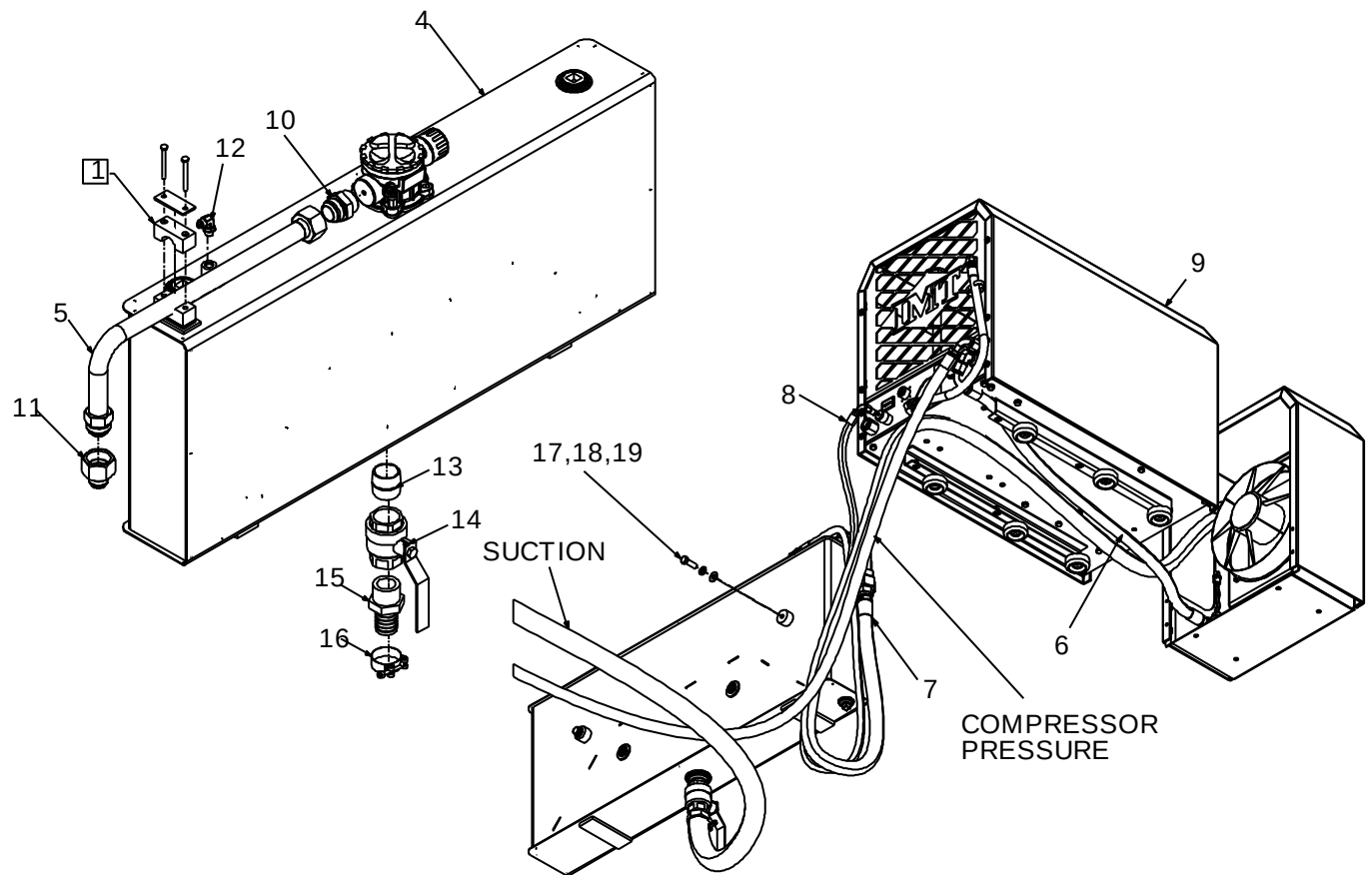
- 1 CLAMP ASSEMBLY IS PART OF ITEM #6.
- 2 MOUNT RETURN MANIFOLD ON GUSSET CLOSEST TO RESERVOIR.

99905206 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
1.	91723963	KIT, HYDRAULIC RESERVOIR		REF	1
2.	91723962	KIT, HYDRAULIC RETURN MANIFOLD		REF	1
3.	91723965	KIT, HYDRAULIC CAS2545/CAS3560		REF	1
4.	91724098	KIT-HYDRAULIC SUCTION	1.5	REF	1
5.	73540446	MANIFOLD-RETURN		2	1
6.	51723758	RESERVOIR ASSEMBLY WITH FILTER	21 GAL	1	1
7.	71414719	TUBE ASSEMBLY-HYDRAULIC RESERVOIR	1.25 OD	1	1

99905206 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
8.	CAS3560	COMPRESSOR ASSEMBLY, CANOPY ROTARY SCREW			1
9.	51396747	HOSE	FJ 1.00 X 63.00 (12-12) 100R17	3	1
10.	51399188	HOSE	FF 1.00 X 140.00 (16-16) 100R4	3	1
11.	51399167	HOSE	FF 1.25 X 49.00 (20-20) 100R4 GMV	2	1
12.	51399194	HOSE	FJ .38 X 90.00 (8-8) 100R17	3	1
13.	72053251	NIPPLE-PIPE BLK	1.50X CLOSE	4	1
14.	73054379	VALVE-BALL	1.5	4	1
15.	72531552	NIPPLE-BARB	STL 1.50MPT 1.50	4	1
16.	72534749	ADAPTER	M STR/M JIC 20 20	1	1
17.	72534814	ELBOW	M STR/90/M JIC 20 20	2	1
18.	72053767	ELBOW	M STR/90/M JIC 12 12	2	1
19.	72532370	ADAPTER	M STR/M JIC 16 16	3	1
20.	72053760	ELBOW	M STR/90/M JIC 6 6	3	1
21.	72534564	PLUG-STR SOC HD STL	.12 ZERO LEAK	2	1
22.	72661656	CLAMP-HOSE	2.00 T-BOLT	4	2
23.	72060093	CAP SCREW	0.5-13X 1.50 HH GR5 Z	1	2
24.	72063005	WASHER	.50 FLAT	1	2
25.	72060044	CAP SCREW	0.38-16X .75 HH GR5 Z	2	2
26.	72063051	WASHER	.38 LOCK	2	2
27.	72063053	WASHER	.50 LOCK	1	2
REV A 20110920					

Hydraulic Installation, CAS3560 Compressor (99905207)



NOTES (SEE REFERENCE NUMBER IN BOX):

1 CLAMP ASSEMBLY IS PART OF ITEM #4.

HYDRAULIC LINES

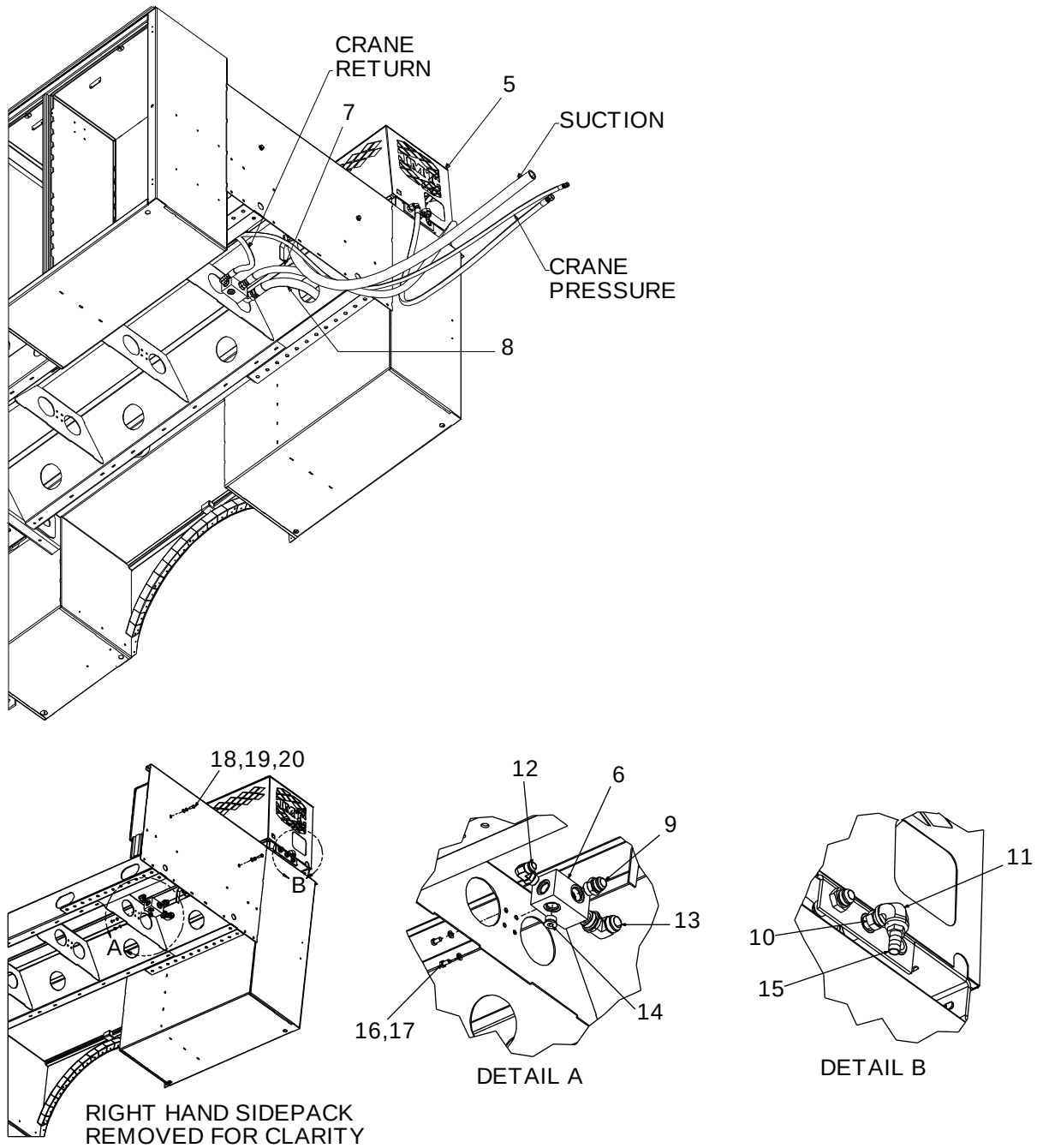
BODY LENGTH	11'	13'	14'	19'
COMPRESSOR PRESSURE	51399175	51399175	51399175	51399175
SUCTION	89397483-6'	89397483-6'	89397483-6'	89397483-6'

HYDRAULIC LINES WITH WELDER DECK

BODY LENGTH	11'	13'	14'	19'
COMPRESSOR PRESSURE	51399204	51399204	51399204	51399204
SUCTION	89397483-9'	89397483-9'	89397483-9'	89397483-9'

99905207 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
1.	91723963	KIT, HYDRAULIC RESERVOIR		REF	1
2.	91723965	KIT, HYDRAULIC CAS2545/CAS3560		REF	1
3.	91724098	KIT-HYDRAULIC SUCTION	1.5	REF	1
4.	51723758	RESERVOIR ASSEMBLY WITH FILTER	21 GAL	1	1
5.	71414719	TUBE ASSEMBLY-HYDRAULIC RESERVOIR	1.25 OD	1	1
6.	51396747	HOSE	FJ 1.00 X 63.00 (12-12) 100R17 2 1	2	1
7.	51399188	HOSE	FF 1.00 X 140.00 (16-16) 100R4 2 1	2	1
8.	51399194	HOSE	FJ .38 X 90.00 (8-8) 100R17 2 1	2	1
9.	CAS3560	COMPRESSOR ASSEMBLY-CANOPY ROTARY SCREW			1
10.	72534749	ADAPTER	M STR/M JIC 20 20 1 1	1	1
11.	72534534	ADAPTER	M JIC/F JIC 16 20 - 1		1
12.	72053760	ELBOW	M STR/90/M JIC 6 6 2 1	2	1
13.	72053251	NIPPLE-PIPE BLK	1.50X CLOSE 3 1	3	1
14.	73054379	VALVE-BALL	1.50 3 1	3	1
15.	72531552	NIPPLE-BARB STL	1.50MPT 1.50 3 1	3	1
16.	72661656	CLAMP-HOSE	2.00 T-BOLT 3 2	3	2
17.	72060093	CAP SCREW	.50-13X 1.50 HH GR5 Z 1 2	1	2
18.	72063005	WASHER	.50 FLAT 1 2	1	2
19.	72063053	WASHER	.50 LOCK	1	2
REV A 20110923					

Hydraulic Installation, Crane, CAS60R Compressor (99905356)



HYDRAULIC LINES

	11'	13'	14'	19'
CRANE PRESSURE	51396329	51396721	51396721	51397030
CRANE RETURN	51399177	51399178	51399179	51399180
COMPRESSOR PRESSURE	51399175	51399175	51399175	51399175
SUCTION	89397483-6'	89397483-6'	89397483-6'	89397483-6'

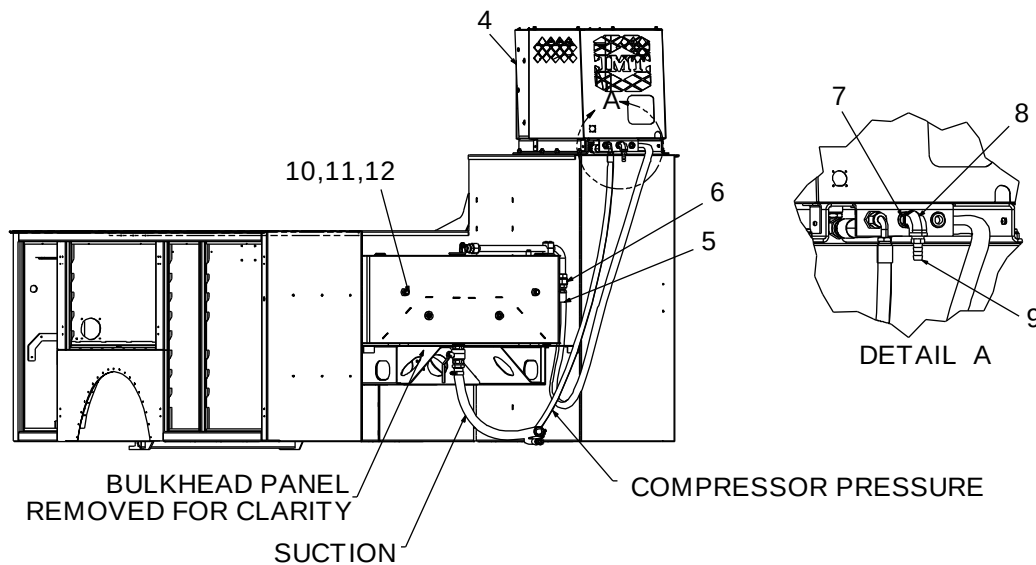
HYDRAULIC LINES WITH WELDER DECK

	11'	13'	14'	19'
CRANE PRESSURE	51396721	51396722	51396722	51397032
CRANE RETURN	51399182	51399183	51399184	51399185
COMPRESSOR PRESSURE	51399204	51399204	51399204	51399204
SUCTION	89397483-9'	89397483-9'	89397483-9'	89397483-9'

99905356 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	91723962	KIT-HYD RETURN MANIFOLD		1
2.	91723963	KIT-HYD RESERVOIR		1
3.	91723970	KIT-HYD CAS60R		1
4.	91724098	KIT-HYD 1.50 SUCTION		1
5.	CAS60R	COMPRESSOR-CAS60R		1
6.	73540446	MANIFOLD-RETURN		1
7.	51399270	HOSE	FF 1.00 X 125.00 (16-16) 100R4	1
8.	51399167	HOSE	FF 1.25 X 49.00 (20-20) 100R4 GMV	1
9.	72532370	ADAPTER	M STR/M JIC 16 16	1
10.	72053558	ADAPTER	MPT/HEX/MPT .75 .75	1
11.	72531102	ELBOW	STL .75 X 90 DEG	1
12.	72053767	ELBOW	M STR/90/M JIC 12 12	1
13.	72534814	ELBOW	M STR/90/M JIC 20 20	1
14.	72534564	PLUG	STR SOC HD STL 12 ZERO LEAK	1
15.	72053458	NIPPLE-BARB	BRS .75MPT .75	1
16.	72060044	CAP SCREW	.38-16X .75 HH GR5 Z	2
17.	72063051	WASHER	.38 LOCK	2
18.	72060093	CAP SCREW	.50-13X 1.50 HH GR5 Z	2
19.	72063053	WASHER	.50 LOCK	2
20.	72063005	WASHER	.50 FLAT	2
NEW 20111215				

Hydraulic Installation, CAS60R Compressor (99905357)



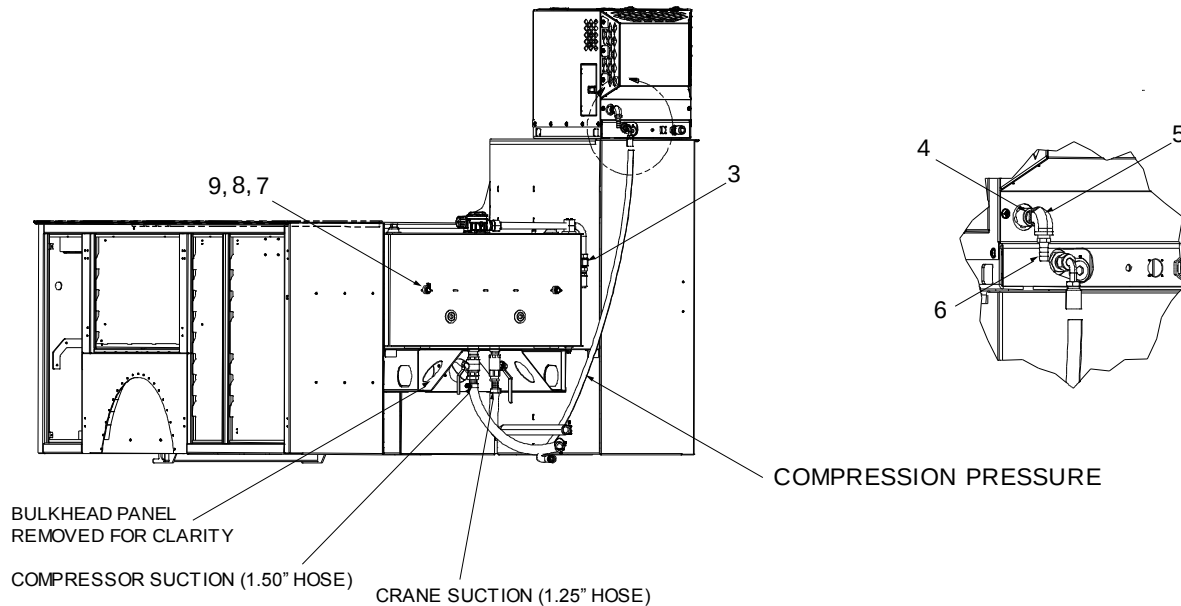
HYDRAULIC LINES

	11' - 19'	11' - 19' WITH WELDER DECK
COMPRESSOR PRESSURE	51399175	51399204
SUCTION	89397483-6'	89397483-9'

99905357 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	91723963	KIT-HYD RESERVOIR		1
2.	91723970	KIT-HYD CAS60R		1
3.	91724098	KIT-HYD 1.50 SUCTION		1
4.	CAS60R	COMPRESSOR-CAS60R		1
5.	51399270	HOSE-	FF 1.00 X 125.00 (16-16) 100R4	1
6.	72534534	ADPTR-	M JIC/F JIC 16 20	1
7.	72053558	ADPTR-	MPT/HEX/MPT .75 .75	1
8.	72531102	ELBOW-STL	.75 X 90 DEG	1
9.	72053458	NIPPLE-BARB	BRS .75MPT .75	1
10.	72060093	CAP SCREW	.50-13X 1.50 HH GR5 Z	10
11.	72063053	WASHER	.50 LOCK	2
12.	72063005	WASHER	.50 FLAT	2
NEW 20111215				

Hydraulic Installation CAS80R Compressor (99906010)



9906010 Parts List			
ITEM	PART #	DESCRIPTION	QTY
3	70734639	FILTER ASSY HYD 29 GPM 9 UN @ BETA 200	1
4	72053397	PLUG-PIPE SOC HEX BLK 1.25	2
5	72053418	PLUG-PIPE SQ HD BLK 1.50	2
6	72053246	PLUG-PIPE SQ HD BLK .38	1
7	72063005	WASHER .50 FLAT	2
8	72060091	CAP SCR .50-13X 1.00 HH GR5 Z	2
9	72053503	PLUG-PIPE SQ HD BLK .75	1
REV A-20151202			

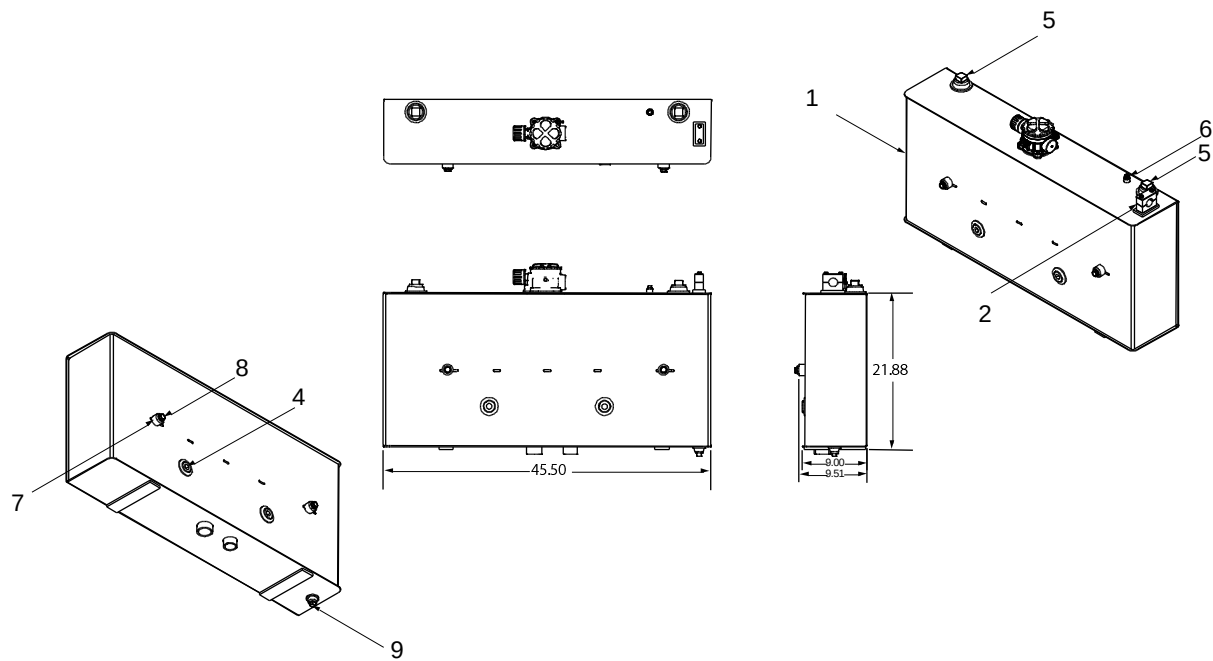
HYDRAULIC LINES

	11'	13'	14'	19'
COMPRESSOR PRESSURE	51399175	51399175	51399175	51399175
SUCTION (compr circuit 1.50")	89397483-6	89397483-6'	89397483-6'	89397483-6'
SUCTION (crane circuit 1.25")	89393401-6'	89393401-6'	89393401-6'	89393401-6'

HYDRAULIC LINES W/WELDER DECK

	11'	13'	14'	19'
COMPRESSOR PRESSURE	51399204	51399204	51399204	51399204
SUCTION (compr circuit 1.50")	89397483-9'	89397483-9'	89397483-9'	89397483-9'
SUCTION (crane circuit 1.50")	89393401-9'	89393401-9'	89393401-9'	89393401-9'

Hydraulic Reservoir CAS80R Compressor (51726670)

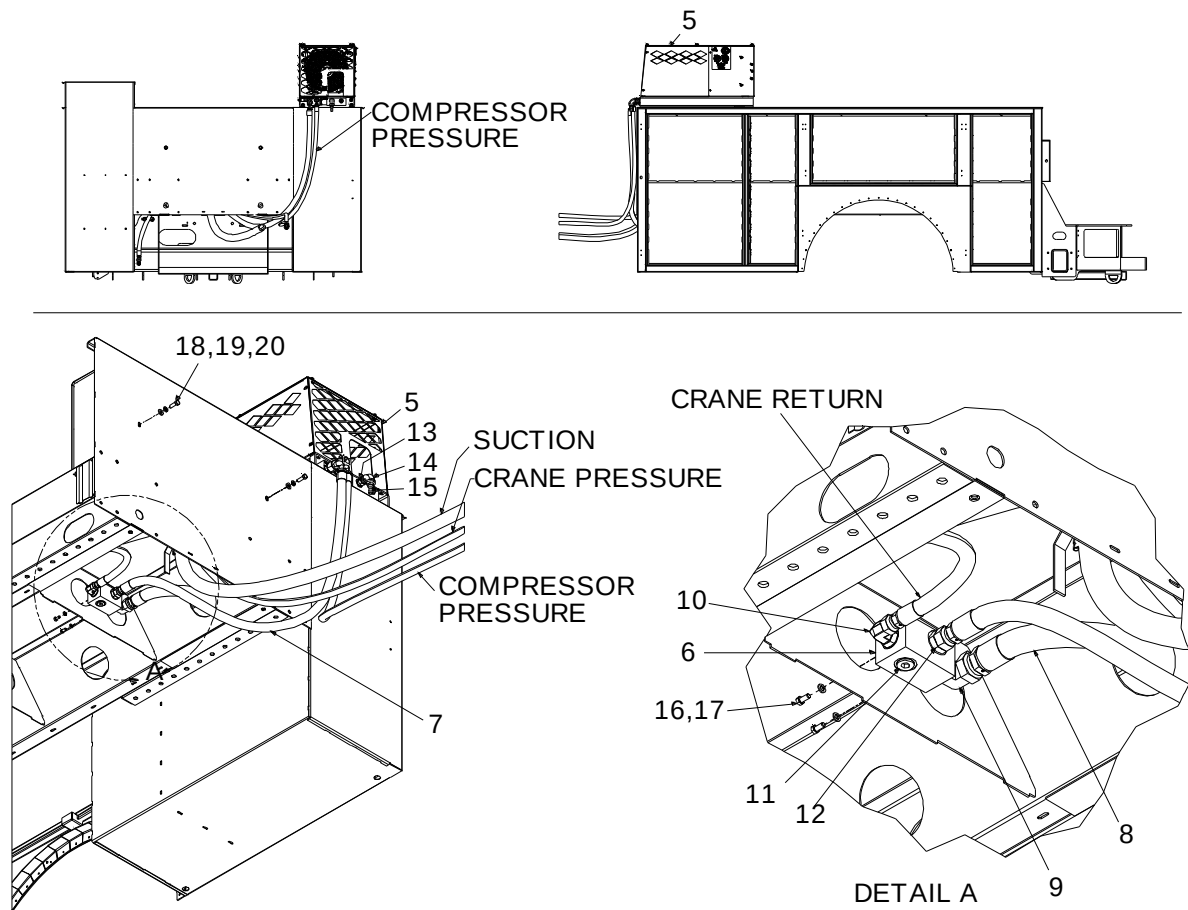


51726670 PARTS LIST

ITEM	PART	DESCRIPTION	QTY
1	52726636	RESERVOIR 34G DUAL OUTLET	1
2	70034510	CLAMP-TUBE 1.25 W/WELD PLATE	1
4	72053397	PLUG-PIPE SOC HEX BLK 1.25	2
5	72053418	PLUG-PIPE SQ HD BLK 1.50	2
6	72053246	PLUG-PIPE SQ HD BLK .38	1
7	72063005	WASHER .50 FLAT	2
8	72060091	CAP SCR .50-13X 1.00 HH GR5 Z	2
9	72053503	PLUG-PIPE SQ HD BLK .75	1
REV. A 20151202			

99906010 COMPLETE PARTS LIST			
ITEM	PARTS	DESCRIPTION	QTY
1	52726636	RESERVOIR 34G DUAL OUTLET	1
2	70034510	CLAMP-TUBE 1.25 W/WELD PLATE	1
3	70734639	FILTER ASSY HYD 29 GPM 9 UN @ BETA 200	1
4	72053397	PLUG-PIPE SOC HEX BLK 1.25	2
5	72053418	PLUG-PIPE SQ HD BLK 1.50	2
6	72053246	PLUG-PIPE SQ HD BLK .38	1
7	72063005	WASHER .50 FLAT	2
8	72060091	CAP SCR .50-13X 1.00 HH GR5 Z	2
9	72053503	PLUG-PIPE SQ HD BLK .75	1
REV. A 20151202			

Hydraulic Installation, Crane, CAS45R Compressor (99905352)



HYDRAULIC LINES

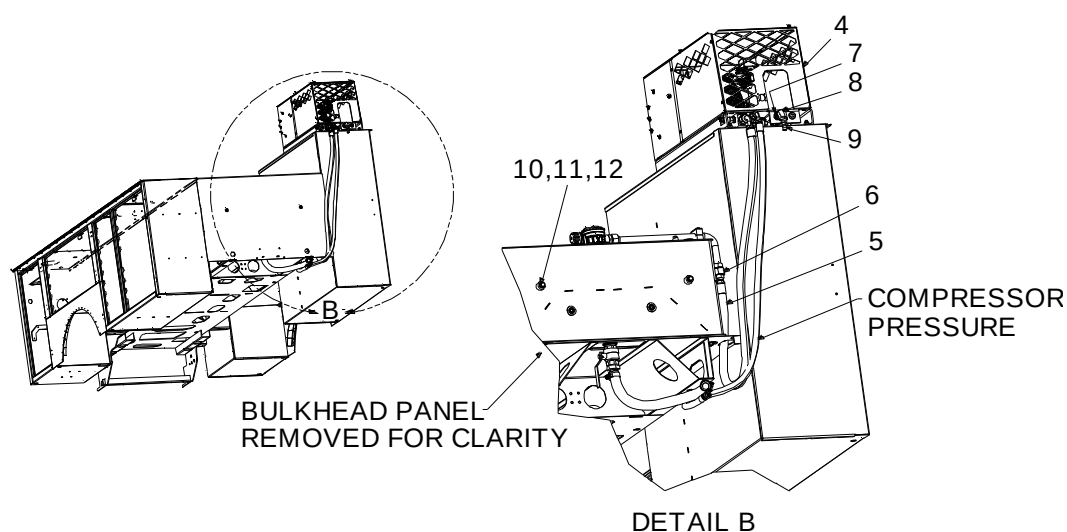
	11'	13'	14'	19'
CRANE PRESSURE	51396329	51396721	51396721	51397030
CRANE RETURN	51399177	51399178	51399179	51399180
COMPRESSOR PRESSURE	51399175	51399175	51399175	51399175

HYDRAULIC LINES WITH WELDER DECK

	11'	13'	14'	19'
CRANE PRESSURE	51396721	51396722	51396722	51397032
CRANE RETURN	51399182	51399183	51399184	51399185
COMPRESSOR PRESSURE	51399204	51399204	51399204	51399204

99905352 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	91723962	KIT-HYD RETURN MANIFOLD		REF
2.	91723963	KIT-HYDRAULIC RESERVOIR		REF
3.	91723969	KIT-HYD CAS45R		REF
4.	91724098	KIT-HYD 1.50 SUCTION		REF
5.	CAS45R	COMPRESSOR-CAS45R		1
6.	73540446	MANIFOLD-RETURN		1
7.	51399269	HOSE	FJ 1.00 X 90.00 (16-16) 100R4 GMV	1
8.	51399167	HOSE	FF 1.25 X 49.00 (20-20) 100R4 GMV	2
9.	72534519	ELBOW	M STR/90/M FACE 16 12	1
10.	72053767	ELBOW	M STR/90/M JIC 12 12	1
11.	72534564	PLUG	STR SOC HD STL 12 ZERO LEAK	1
12.	72532370	ADAPTER	M STR/M JIC 16 16	1
13.	72053558	ADAPTER	MPT/HEX/MPT .75 .75	1
14.	72531102	ELBOW	STL .75 X 90 DEG	1
15.	72053458	NIPPLE-BARB	BRS .75MPT .75	1
16.	72060044	CAP SCREW	.38-16X .75 HH GR5 Z	2
17.	72063051	WASHER	.38 LOCK	2
18.	72060093	CAP SCREW	.50-13X 1.50 HH GR5Z	6
19.	72063005	WASHER	.50 FLAT	2
20.	72063053	WASHER	.50 LOCK	2
NEW 20111215				

Hydraulic Installation, CAS45R Compressor (99905353)



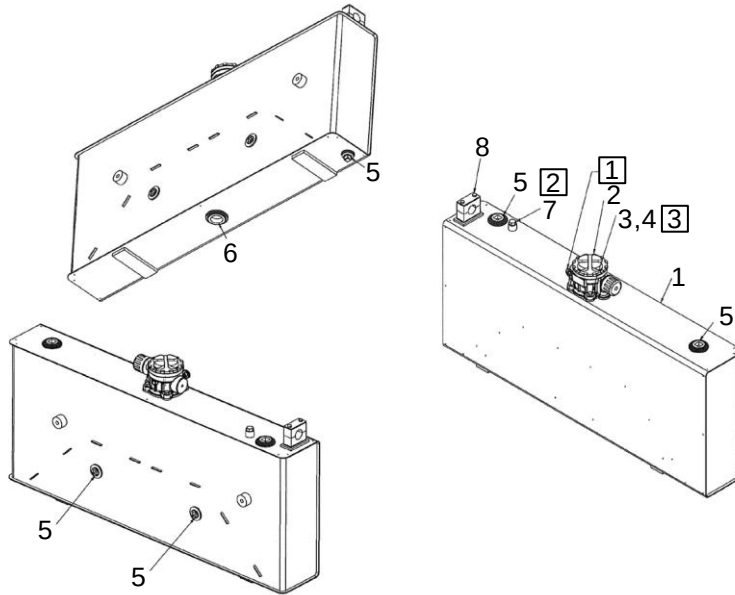
HYDRAULIC LINES

	11' - 19'	11' - 19' WITH WELDER DECK
COMPRESSOR PRESSURE	51399175	51399204
SUCTION	89397483-6'	89397483-9'

99905353 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	91723963	KIT-HYD RESERVOIR		REF
2.	91723969	KIT-HYD CAS45R		REF
3.	91724098	KIT-HYD 1.50 SUCTION		REF
4.	CAS45R	COMPRESSOR-CAS45R		1
5.	51399269	HOSE	FJ 1.00 X 90.00 (16-16) 100R4 GMV	1
6.	72534534	ADAPTER	M JIC/F JIC 16 20	1
7.	72053558	ADAPTER	MPT/HEX/MPT .75 .75	1
8.	72531102	ELBOW	STL .75 X 90 DEG	1
9.	72053458	NIPPLE-BARB	BRS .75MPT .75	1
10.	72060093	CAP SCREW	.50-13X 1.50 HH GR5 Z	2
11.	72063005	WASHER	.50 FLAT	2
12.	72063053	WASHER	.50 LOCK	2
NEW 20111215				

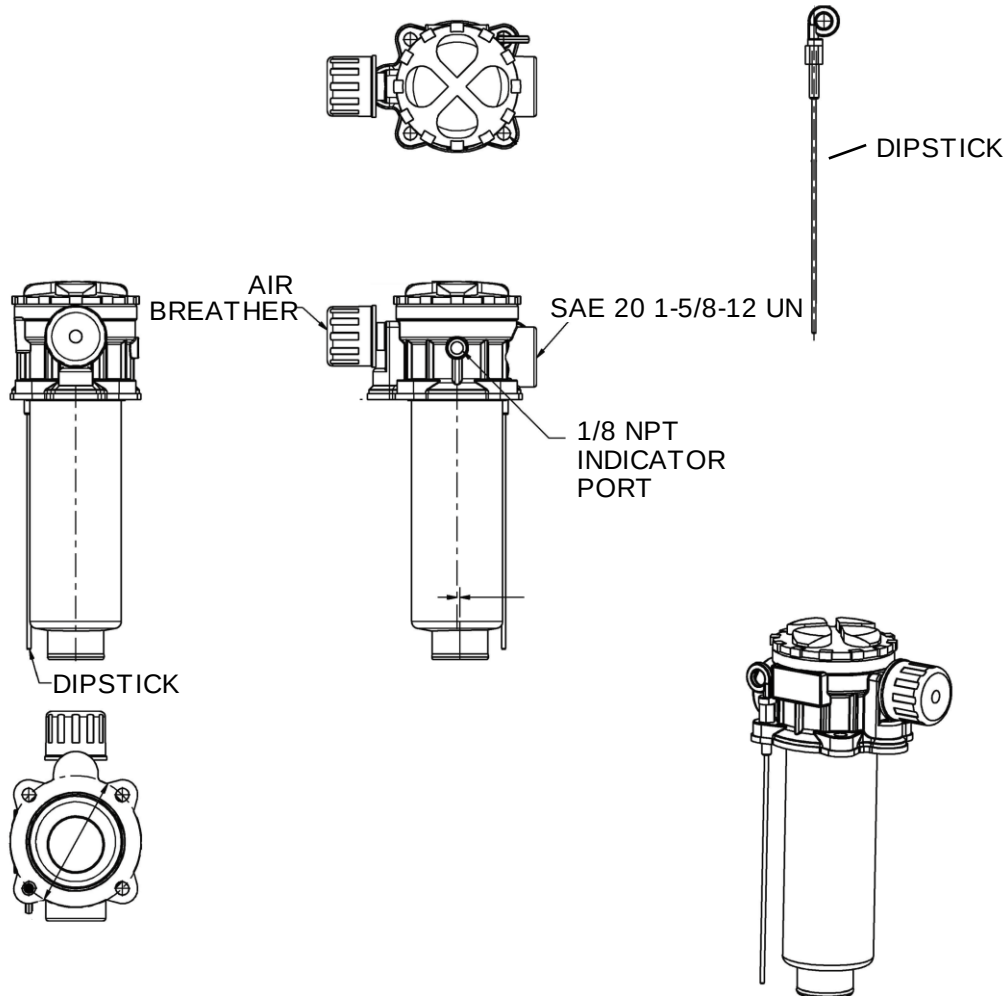
Hydraulic Reservoir (51723758)



NOTES (SEE REFERENCE NUMBER IN BOX):

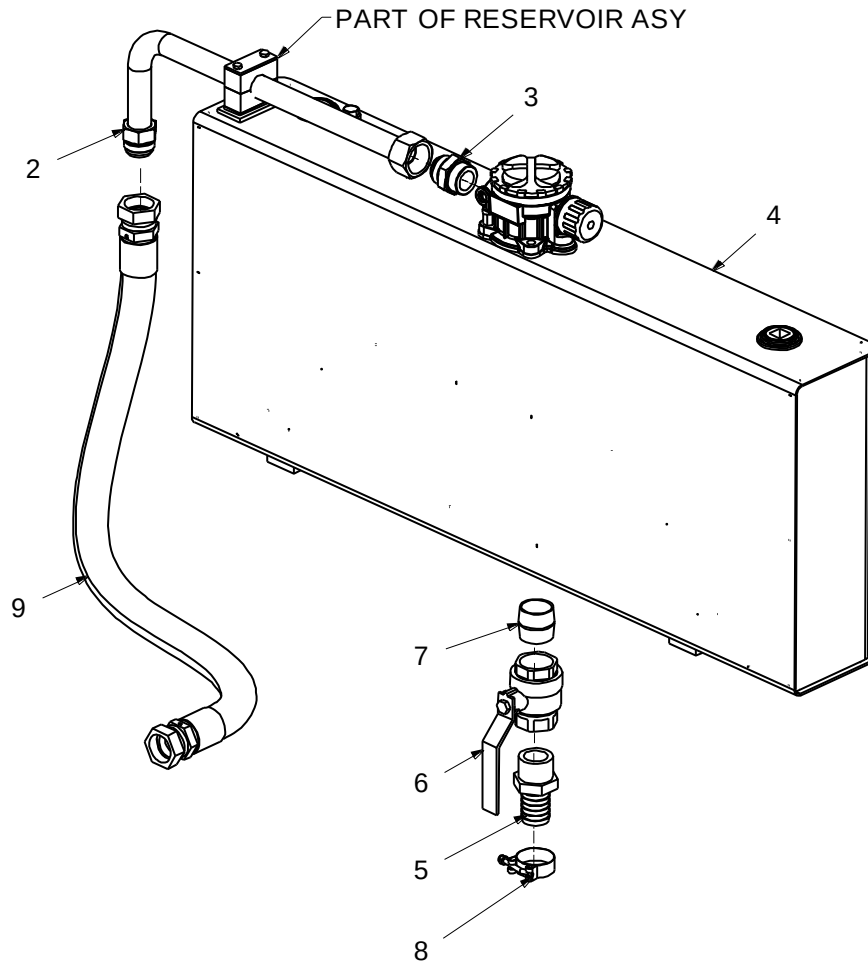
- 1 DIPSTICK BOLT TORQUE: 5 FT-LB (0.69 KG-M)
- 2 TORQUE - 24 FT-LB (3.3 KG-M)
- 3 TORQUE - 15 FT-LB (2.1 KG-M)

51723758 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QTY
1.		HYDRAULIC TANK WELDMENT		1
2.	REF 90734588	HYDRAULIC FILTER ASSEMBLY	29 GPM	1
3.		BOLT, SELF SEALING	M8 X 1.25 X 35 mm	3
4.		LUBRICANT		AS REQ'D
5.		LOCTITE	#565	AS REQ'D
6.		CAPLUG, THREAD PROTECTOR		1
7.		O-RING PLUG	HH 9/16-18 ZINC PLATED	1
8.	70034510	CLAMP ASSEMBLY	1.25"	1

90734588 HYDRAULIC FILTER REPLACEMENT KIT**90734588 INCLUDES:**

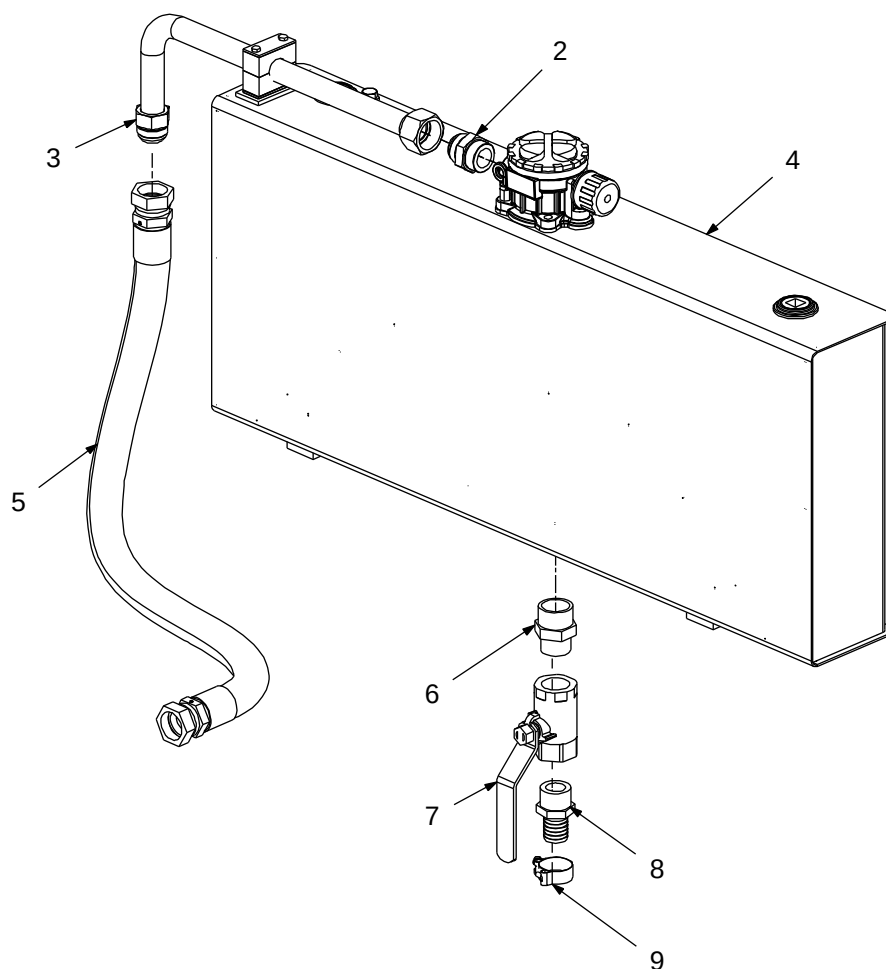
- 73052153 FILTER ELEMENT (10 MICRON)
- 70048245 BREATHER ELEMENT (10 MICRON)

Reservoir Assembly, 1.5" Suction (99905358)



99905358 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	91724098	KIT-HYD 1.50 SUCTION		1
2.	71414719	TUBE ASSEMBLY-HYD	1.25 OD	1
3.	72534749	ADAPTER	M STR/M JIC 20 20	1
4.	51723758	RESERVOIR ASSEMBLY W/FILTER	21 GAL	1
5.	72531552	NIPPLE-BARB	STL 1.50MPT 1.50	1
6.	73054379	VALVE-BALL	1.5	1
7.	72053251	NIPPLE-PIPE	BLK 1.50X CLOSE	1
8.	72661656	CLAMP-HOSE	2.00 T-BOLT	1
9.	51399167	HOSE	FF 1.25 X 49.00 (20-20) 100R4 GMV	REF
NEW 20111215				

Reservoir Assembly, 1.25" Suction (99905359)



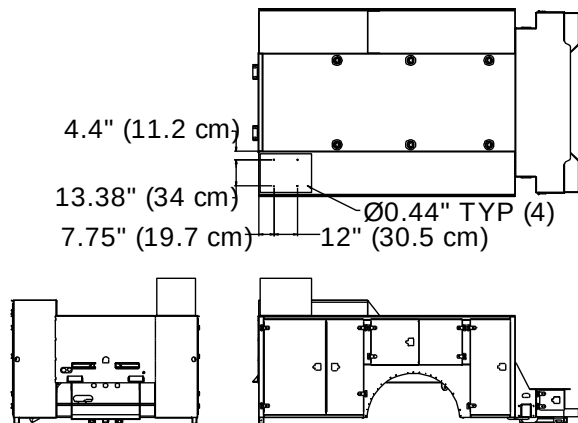
99905359 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	91724099	KIT-HYD 1.25 SUCTION		REF
2.	72534749	ADAPTER	M STR/M JIC 20 20	1
3.	71414719	TUBE ASM-HYD	1.25 OD	1
4.	51723758	RESERVOIR ASM W/FILTER	21 GAL	1
5.	51399167	HOSE	FF 1.25 X 49.00 (20-20) 100R4 GMV	1
6.	72534438	ADAPTER	MPT/HEX/MPT 1.50 1.25	1
7.	73054232	VALVE-BALL	1.25	1
8.	72531550	NIPPLE-BARB	STL 1.25MPT 1.25	1
9.	72661642	CLAMP-HOSE	1.75 T-BOLT	1
NEW 20111215				

Compressor Installation, CAS435HA - CAS3560 - CAS2545 (99905254)

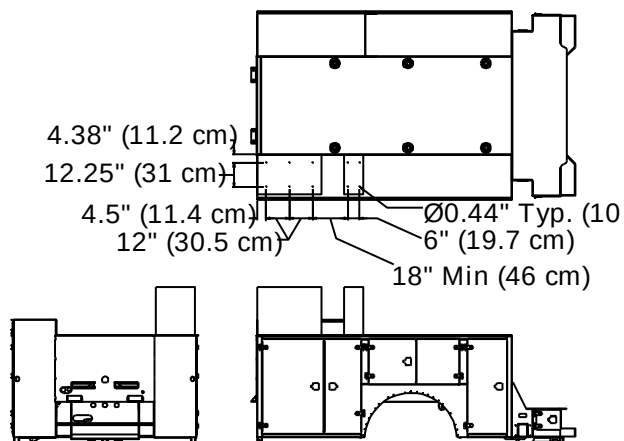
NOTE:

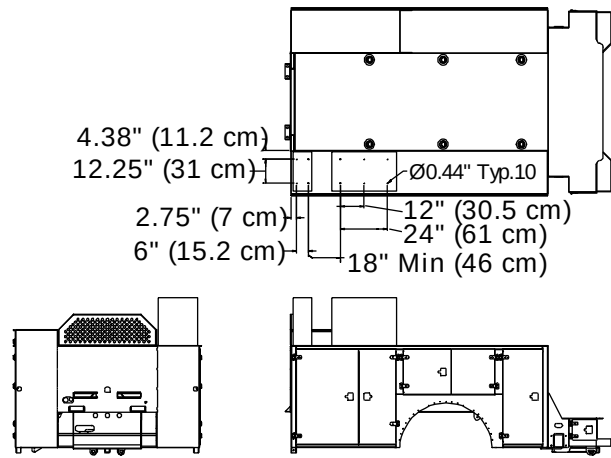
When installing any compressors, maintain a minimum clearance of 10" on each end of the compressor. If installing a compressor with a hydraulic aftercooler, maintain a minimum space of 10" between the compressor and aftercooler, while still maintaining the 10" of clearance on each end of the compressor-cooler combination.

CAS435HA Compressor Mounting Location

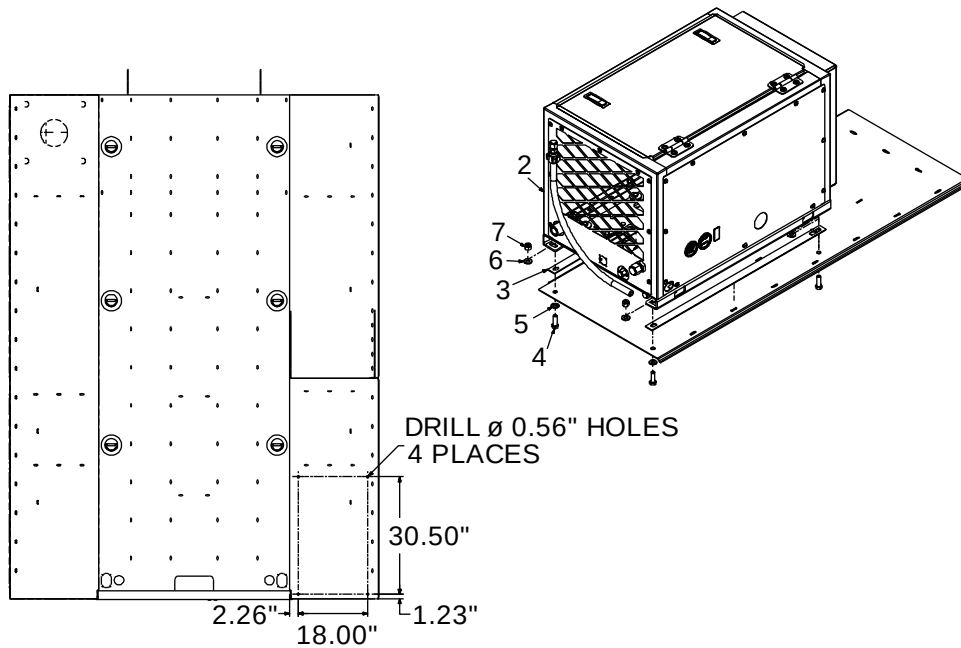


CAS2545 (No Telescopic Roof) & CAS3560 Compressor Mounting Locations



CAS2545 (With Telescopic Roof) Compressor Mounting Locations

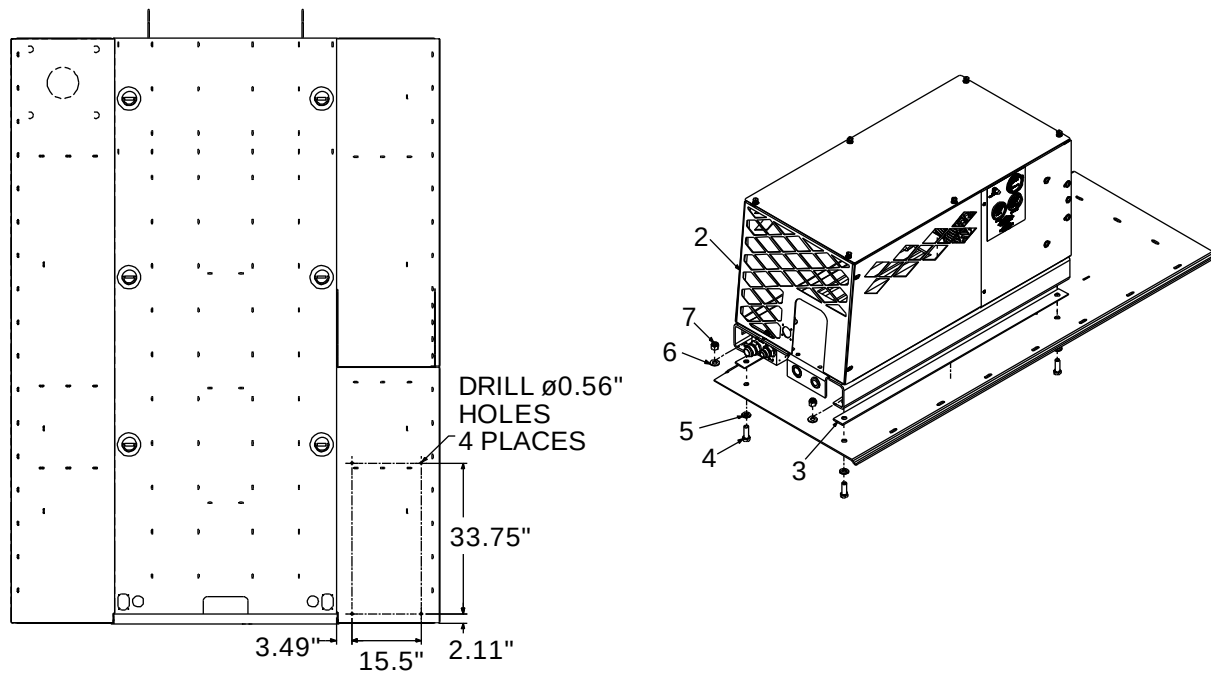
CAS40P Mounting Location & Installation (99905363)



99905363 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	51724483	HARDWARE KIT-CAS40P INSTALL		REF
2.	CAS40P	COMPRESSOR-CAS40P		1
3.	76399273	GASKET-MOUNT		2
4.	72060117	CAP SCREW	.50-13X 1.50 HH GR8 Z	4
5.	76392599	WASHER	BONDED .50 PLTD	4
6.	72063005	WASHER	.50 FLAT	4
7.	72062080	NUT	.50-13 HEX NYLOCK	4
REV B 20120405				

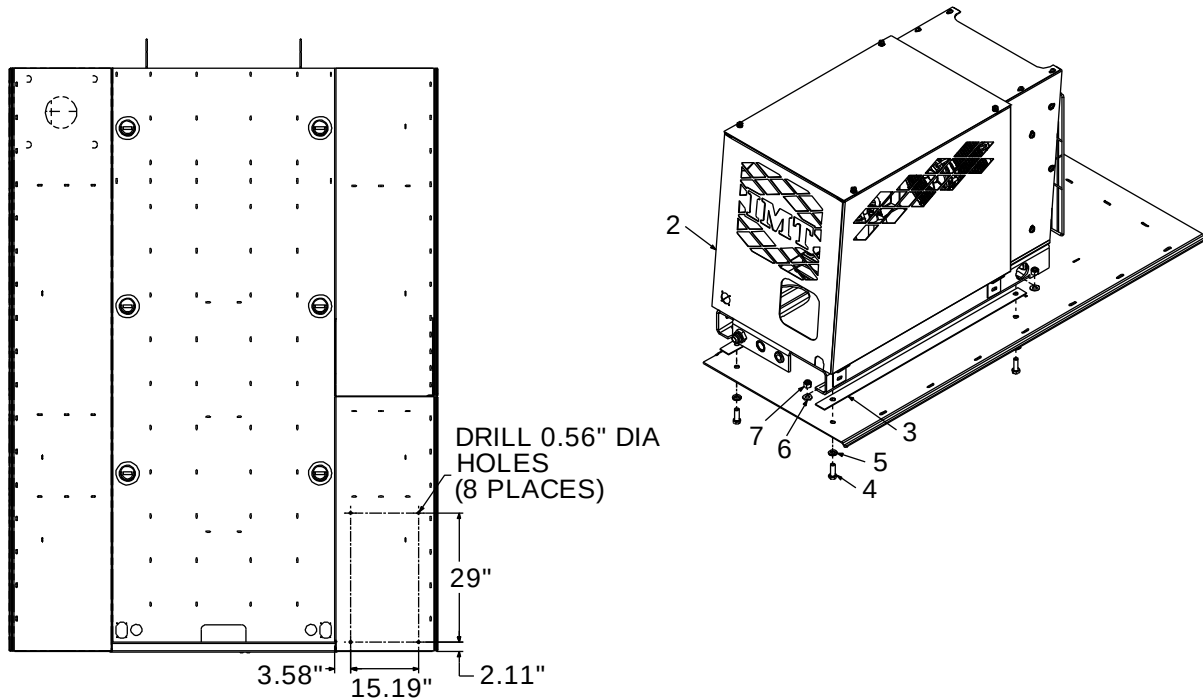
CAS45R Mounting Location & Installation (99905364)



99905364 PARTS LIST

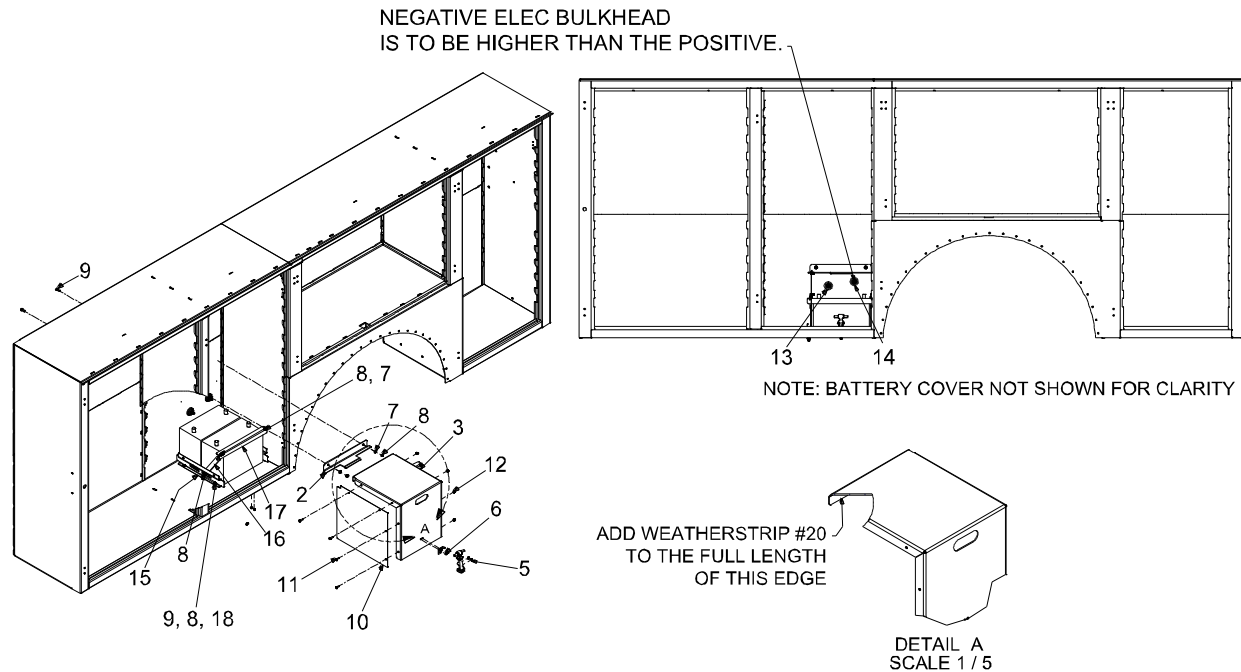
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	51724484	HARDWARE KIT-CAS45R INSTALL		REF
2.	CAS45R	COMPRESSOR-CAS45R		REF
3.	76399272	GASKET-MOUNT		2
4.	72060117	CAP SCREW	.50-13X 1.50 HH GR8 Z	4
5.	76392599	WASHER	BONDED .50 PLTD	4
6.	72063005	WASHER	.50 FLAT	4
7.	72062080	NUT	.50-13 HEX NYLOCK	4
NEW 20111215				

CAS60R Mounting Location & Installation (99905365)



99905365 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	51724485	HARDWARE KIT-CAS60R INSTALL		REF
2.	CAS60R	COMPRESSOR-CAS60R		REF
3.	76399273	GASKET-MOUNT		2
4.	72060117	CAP SCREW	.50-13X 1.50 HH GR8 Z	4
5.	76392599	WASHER	BONDED .50 PLTD	4
6.	72063005	WASHER	.50 FLAT	4
7.	72062080	NUT	.50-13 HEX NYLOCK	4
REV A 20120117				

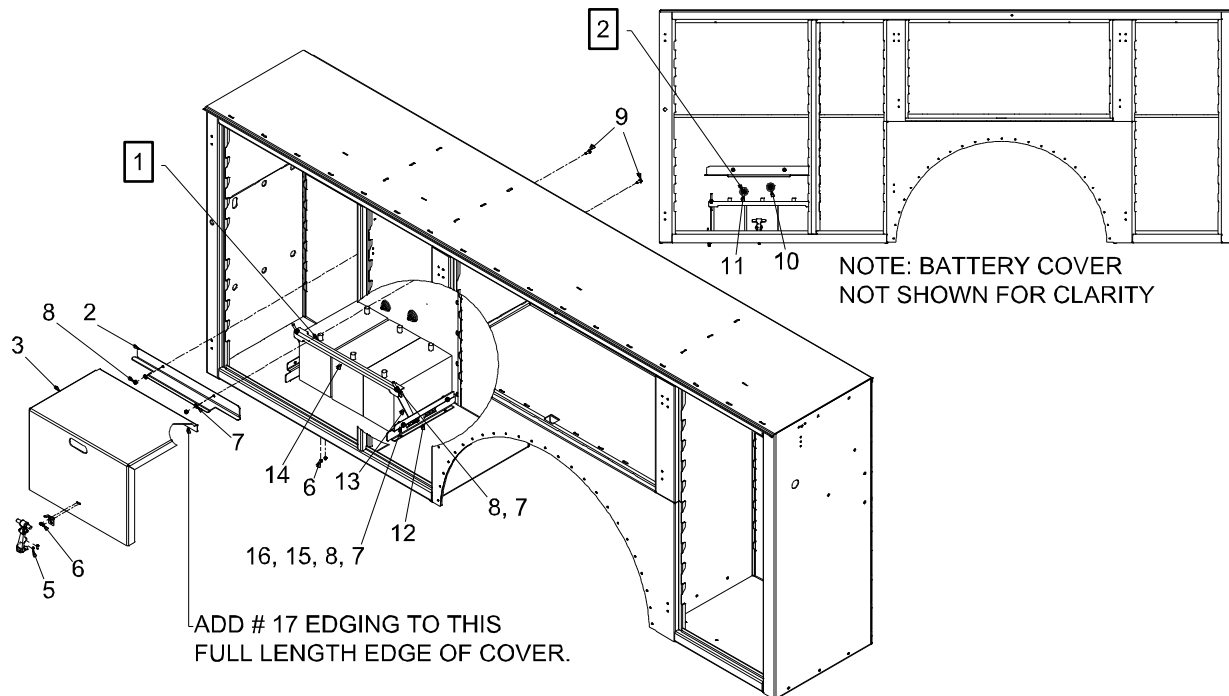
Battery Cover Relocation (99905323)



REFERENCE KIT # 51724384.

99905323 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QTY
1.	51724383	HARDWARE KIT-BATTERY COVER			1
2.	60136427	BATTERY COVER BRACKET			1
3.	60136426	COVER-BATTERY COMPARTMENT			1
4.	70039108	LATCH-RUBBER T-HANDLE		#1	1
5.	72601940	SCREW-MACHINERY	#10-24X .50 BTNHD ZC	#1	4
6.	72062106	NUT	10-24 HEX NYLOCK	#1	4
7.	72063002	WASHER	.31 FLAT	#1	2
8.	72062109	NUT	.31-18 HEX NYLOCK	#1	2
9.	72060023	CAP SCREW	.31-18X .75 HH GR5 Z	#1	2
10.	60137191	PANEL-BATTERY DOM COMPARTMENT			1
11.	7060002	CAP SCR .25-20X .75 HH GR5Z	.25-20X .75 HH GR5 Z	#1	4
12.	72062104	NUT	.25-20 HEX NYLOCK	#1	4
13.	77041773	STUD-BULKHEAD PASS THRU	3/8" RED		1
14.	77041774	STUD-BULKHEAD PASS THRU	3/8" BLACK		1
15.	60143170	BRACKET-BATTERY HOLD DOWN			2
16.	52726405	BAR-BATTERY HOLD DOWN			2
17.	60143168	ANGLE-BATTERY HOLD DOWN			2
18.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z			4
19.	76392598	WASHER-BONDED PLTD .31			2
20.	89392440	WEATHERSTRIP .06X .56 TRIM EDGE			2
REV C 20150225					

Battery Relocation, Cover Installation (99905826)



NOTE

1. THE TIE DOWN ANGLE WILL BE ON THE END OF THE BATTERY WITH THE NEGATIVE BATTERY POSTS.
2. THE POSITIVE BULKHEAD IS TO BE LOWER THAN THE NEGATIVE.

99905826 PARTS LIST

ITEM	PART #	DESCRIPTION	KIT	QTY
2.	60142675	DS3 -BRKT 3 BATTERY COVER DOM COMPT		1
3.	60142674	DS3 -COVER-3 BATTERY DOM COMPT		1
5.	72601940	SCR-MACH #10-24X .50 BTNHD ZC	#1	4
6.	72062106	NUT 10-24 HEX NYLOCK	#1	4
7.	72063002	WASHER .31 FLAT	#1	10
8.	72062109	NUT .31-18 HEX NYLOCK	#1	10
9.	72060023	CAP SCR .31-18X .75 HH GR5 Z	#1	2
10.	77041774	STUD-BULKHEAD PASS THRU 3/8" BLACK		REF
11.	77041773	STUD-BULKHEAD PASS THRU 3/8" RED		REF
12.	60143170	BRACKET-BATTERY HOLD DOWN		2
13.	52726405	BAR-BATTERY HOLD DOWN		2
14.	60143171	ANGLE-BATTERY HOLD DOWN		1
15.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	#1	4
16.	76392598	WASHER-BONDED PLTD .31	#1	2
17.	89392440	WEATHERSTRIP .06X .56 TRIM EDGE		3
REV B 20150223				

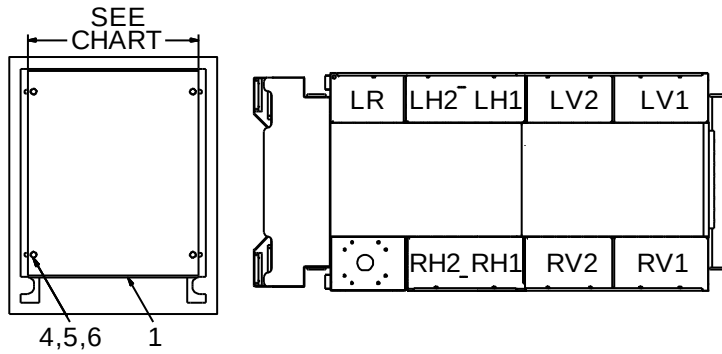
CHAPTER 5

Compartment Options

In This Chapter

Compartment Layout (99905161)	76
Parts Lists, Shelves (99905161)	77
Installation Drawing, Shelves (99905161)	79
Installation Drawing, Door Trays (99905166)	80
Dominator III Parts List, Drawer Units and Kits	81
Drawer Components	82
Compartment Options	83
Tank Bracket, 2-Bottle (51719752)	84
Tank Bracket, 3-Bottle (51720021)	85
Tool Box Tray (51711548)	86
Pull-Out Bin Sets	86

Compartment Layout (99905161)



Compartment Key

LR	Left Rear	RH2	Right Horizontal 2
LH2	Left Horizontal 2	RH1	Right Horizontal 1
LH1	Left Horizontal 1	RV2	Right Vertical 2
LV2	Left Vertical 2	RV1	Right Vertical 1
LV1	Left Vertical 1		

99905161 COMPARTMENT LAYOUT PARTS

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	SEE CHART	SHELF		1
2.	SEE CHART	SHELF END		1
3.	SEE CHART	SHELF END		1
4.	72062109	NUT	.31-18 HEX NYLOC	4
5.	72060023	CAP SCREW	.31-18X .75 HH	4
6.	72063002	WASHER	.31 FLAT 18-8	4
REV B 20111201				

Parts Lists, Shelves (99905161)

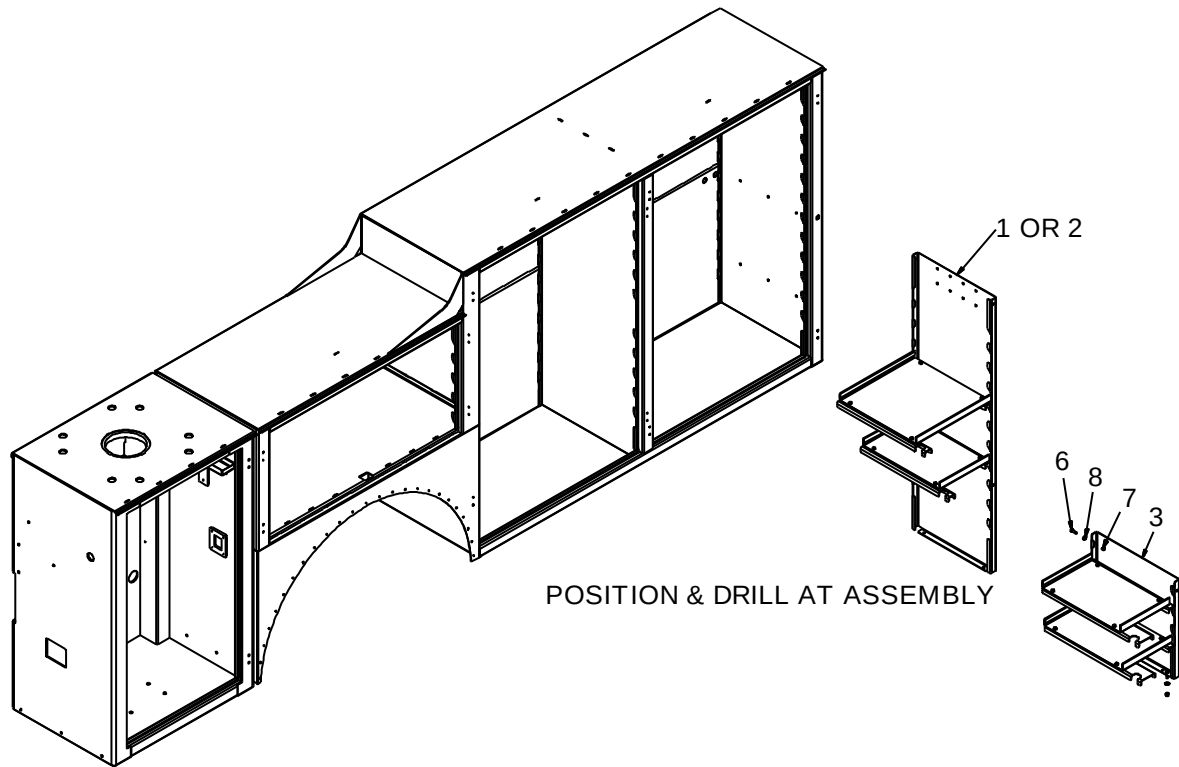
COMPARTMENT LOCATION	ITEM #3 SHELF END	ITEM #1 SHELF	ITEM #2 SHELF END	SHELF WIDTH (IN)	SHELF DEPTH (IN)	SHELF DIVIDER (60136860)	SHELF KIT #
LEFT VERT 1 (LV1)	60136436	60136899	60136440	41.00	18.38		51723774
	60136436	60136900	60136440	41.00	18.38	6 INCLUDED	51723775
LEFT VERT 2-13' (LV2)	60136439	60136901	60136441	25.38	18.38		51723776
	60136439	60136902	60136441	25.38	18.38	4 INCLUDED	51723777
LEFT HORIZ 13' (LH)	60136438	60136895	60136441	52.00	18.38		51723768
	60136438	60136896	60136441	52.00	18.38	10 INCLUDED	51723769
LEFT REAR	60136438	60136894	60136440	32.00	18.38		51723770
	60136438	60136893	60136440	32.00	18.38	5 INCLUDED	51723771

COMPARTMENT LOCATION	ITEM #3 SHELF END	ITEM #1 SHELF	ITEM #2 SHELF END	SHELF WIDTH (IN)	SHELF DEPTH (IN)	SHELF DIVIDER (60136909)	SHELF KIT #
RIGHT VERT 1 (RV1)	60136918	60136911	60136917	41.00	20.38		51723786
	60136918	60136912	60136917	41.00	20.38	6 INCLUDED	51723787
RIGHT VERT 2-13' (RV2)	60136919	60136913	60136920	25.38	20.38		51723788
	60136919	60136914	60136920	25.38	20.38	6 INCLUDED	51723789
RIGHT HORIZ 13' (RH)	60136918	60136907	60136922	48.38	20.38		51723780
	60136918	60136908	60136922	48.38	20.38	10 INCLUDED	51723781

DIVIDER PANELS	ITEM #3 SHELF END	ITEM #1 SHELF	ITEM #2 SHELF END	SHELF WIDTH (IN)	SIDEPA CK	SHELF DIVIDER	SHELF KIT #
20" DIVIDER PANEL	60136910	60136442	60136863	11.5	RIGHT HAND	SHELVES INCLUDED	51723801
40" TALL DIVIDER PANEL 51720126	60136910	60136856	60136862	11.5			51723802
	60136910	60136857	60136862	11.5		60251213 (3)	51723803
	60136910	60136858	60136862	17.5			51723804
	60136910	60136859	60136862	17.5		60251213 (4)	51723805
56" TALL DIVIDER PANEL 51720127	60136910	60136856	60136862	11.5			51723802
	60136910	60136857	60136862	11.5		60251213 (3)	51723803
	60136910	60136858	60136862	17.5			51723804
	60136910	60136859	60136862	17.5		60251213 (4)	51723805

DIVIDER PANELS	ITEM #3 SHELF END	ITEM #1 SHELF	ITEM #2 SHELF END	SHELF WIDTH (IN)	SIDEPA CK	SHELF DIVIDER	SHELF KIT #
20" DIVIDER PANEL	60136921	60136442	60136863	11.5	LEFT HAND	SHELVES INCLUDED	51724393
40" TALL DIVIDER PANEL 51720126	60136921	60136856	60136862	11.5			51724389
	60136921	60136857	60136862	11.5		60251213 (3)	51724390
	60136921	60136858	60136862	17.5			51724391
	60136921	60136859	60136862	17.5		60251213 (4)	51724392
56" TALL DIVIDER PANEL 51720127	60136921	60136856	60136862	11.5			51724389
	60136921	60136857	60136862	11.5		60251213 (3)	51724390
	60136921	60136858	60136862	17.5			51724391
	60136921	60136859	60136862	17.5		60251213 (4)	51724392

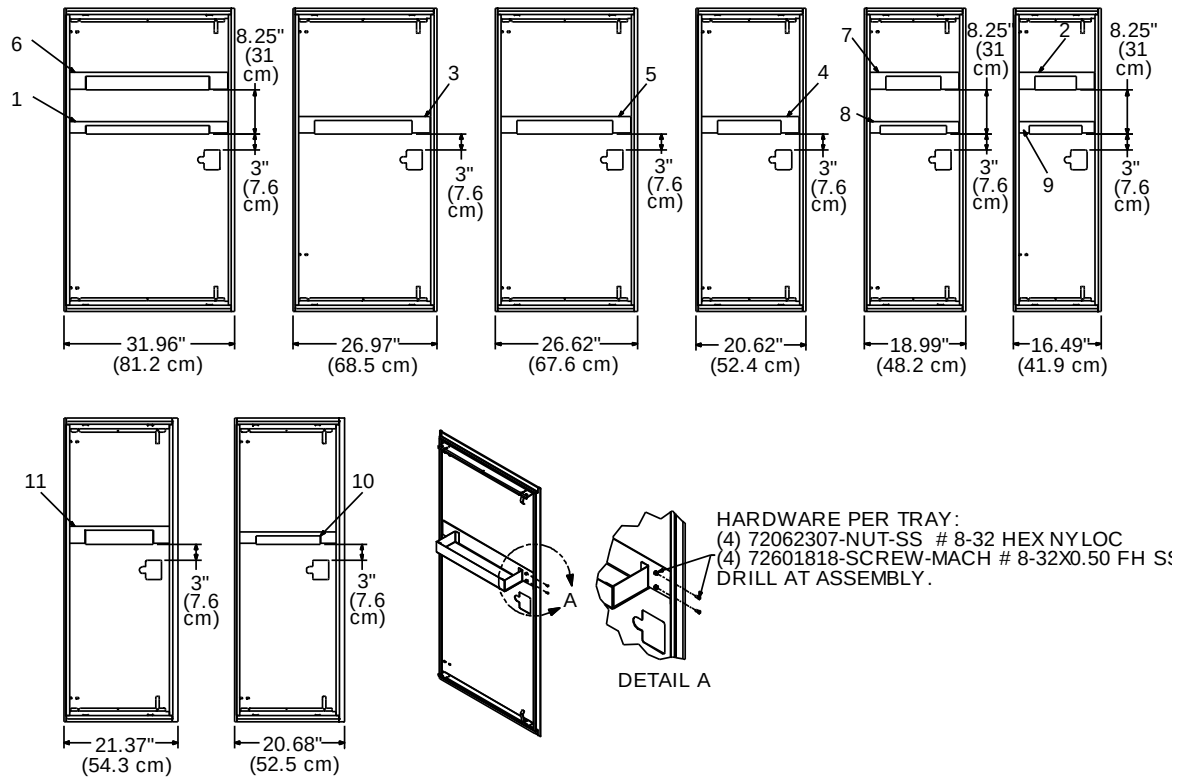
Installation Drawing, Shelves (99905161)



99905161 SHELF INSTALLATION PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	51720126	DIVIDER KIT, BOLT ON, RAISED SIDEPACKS	44" & 52" SIDEPACKS	1
2.	51720127	DIVIDER KIT, BOLT ON, STANDARD SIDEPACKS	60" SIDEPACKS	1
3.	51723801	BOLT-ON DIVIDER KIT	20" HIGH	1
4.	SEE CHART	SHELF KIT	1.50" H 11.5" W 18.5" DIVIDER PANEL	1
5.	SEE CHART	SHELF KIT	1.50" H 17.5" W 18.5" DIVIDER PANEL	1
6.	72601831	CAP SCREW	SS .31-18X 1.00 HH	AS REQ'D
7.	72062167	NUT	SS .31-18 HEX NYLOC	AS REQ'D
8.	72062314	WASHER-STAINLESS STEEL	BONDED PLTD .31	AS REQ'D
REV B 20111201				

Installation Drawing, Door Trays (99905166)

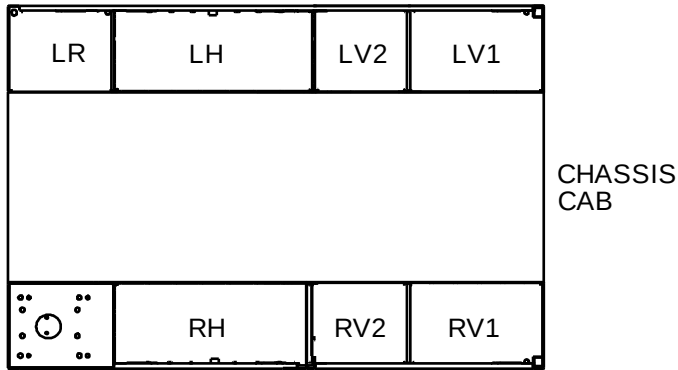


NOTE:

- 1 Position all tray applications 3.0" (7.6 cm) above latch hole opening. Space all double tray applications 8.25" (31 cm) apart.

99905166 PARTS LIST				
ITEM	PART #	DESCRIPTION		QUANTITY
1.	52723950	TRAY-TORCH DOM WITH LATCH	31.96"	REF
2.	52723956	TRAY-SPRAY CAN WITH DOOR	16.49"	REF
3.	52723952	TRAY-SPRAY CAN WITH DOOR	26.97"	REF
4.	52723954	TRAY-SPRAY CAN WITH DOOR	20.62"	REF
5.	52723953	TRAY-SPRAY CAN WITH DOOR	26.62"	REF
6.	52723951	TRAY-SPRAY CAN WITH DOOR	31.96"	REF
7.	52723955	TRAY-SPRAY CAN WITH DOOR	18.99"	REF
8.	52723957	TRAY-WELDMENT TORCH WITH LATCH	18.99"	REF
9.	52723958	TRAY-WELDMENT TORCH WITH LATCH	16.49"	REF
10.	52724000	TRAY-TORCH WITH LATCH	20.68"	REF
11.	52724001	TRAY-SPRAY CAN WITH DOOR	21.37"	REF
REV A 20110524				
NOTE: Not all trays are available on all models. Check the door widths on your model to determine appropriate options.				

Dominator III Parts List, Drawer Units and Kits



Compartment Key

LR	Left Rear
LH	Left Horizontal
LV2	Left Vertical 2
LV1	Left Vertical 1

RH	Right Horizontal
RV2	Right Vertical 2
RV1	Right Vertical 1

The body configuration determines the rollout drawer sets which can be used in each body.

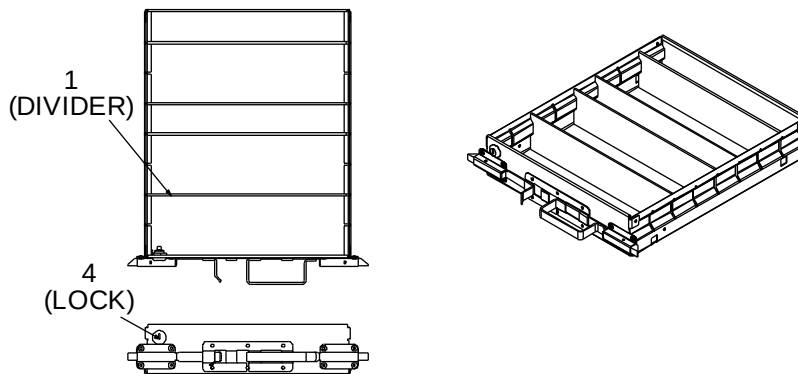
COMPARTMENT	DRAWER SET WIDTH
LEFT & RIGHT VERTICAL 1	26" Wide
LEFT & RIGHT VERTICAL 2, LEFT REAR	13" Wide
LEFT & RIGHT HORIZONTAL	39" Wide

DRAWER SET WIDTH	COMPARTMENT APPLICATION	PART #	3" HIGH DRAWERS	5" HIGH DRAWERS	7" HIGH DRAWERS	DRAWER SET OVERALL HEIGHT
13" WIDE	LEFT & RIGHT VERTICAL 2, LEFT REAR	70733765	5			22"
		70733766		3		21"
		70733767	3	1		21"
		70733768	3			15"
		70733769		2	1	23"
		70733780	5	2	1	41"
		70733784	5	3		39"
		70733786	3	2	1	34"
		70733787	3	2	1	40"
		70733788	8	1		39"
		70733789	6	1		31"
		70733791	3	3		32"
		70733793	3	4		38"
26" WIDE	LEFT & RIGHT VERTICAL 1	70733774	5			22"
		70733775		3		21"
		70733776	3	1		21"
		70733777	3			15"
		70733778		2	1	23"
		70733779	5	2	1	41"
		70733781	3	2	1	34"

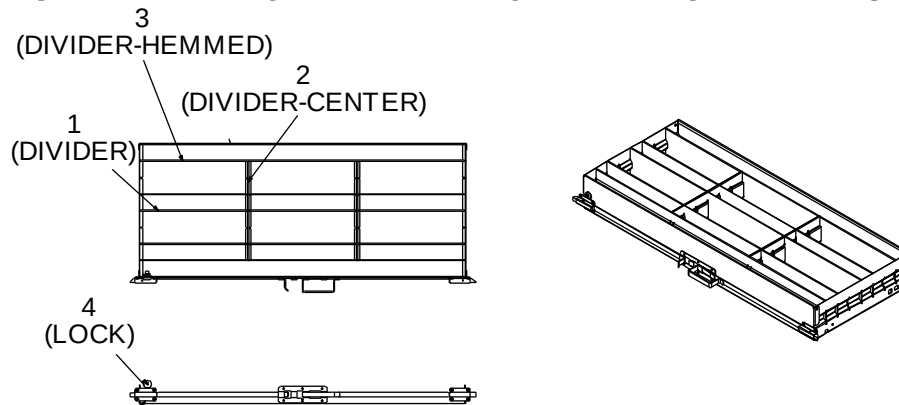
DRAWER SET WIDTH	COMPARTMENT APPLICATION	PART #	3" HIGH DRAWERS	5" HIGH DRAWERS	7" HIGH DRAWERS	DRAWER SET OVERALL HEIGHT
		70733782	8	1		39"
		70733783		5	1	40"
		70733785	5	3		39"
		70733790	6	1		31"
		70733792	3	3		32"
39" WIDE	LEFT & RIGHT HORIZONTAL COMPARTMENTS	70733794	3	4		38"
		70733770	5			22"
		70733771		3		21"
		70733772	3	1		21"
		70733773		2	1	23"

Drawer Components

SAMPLE DRAWING - DRAWER WITH 4 DIVIDERS



SAMPLE DRAWING - DRAWER WITH CENTER AND SIDE DIVIDERS



NOTE:

1 All drawers are painted.

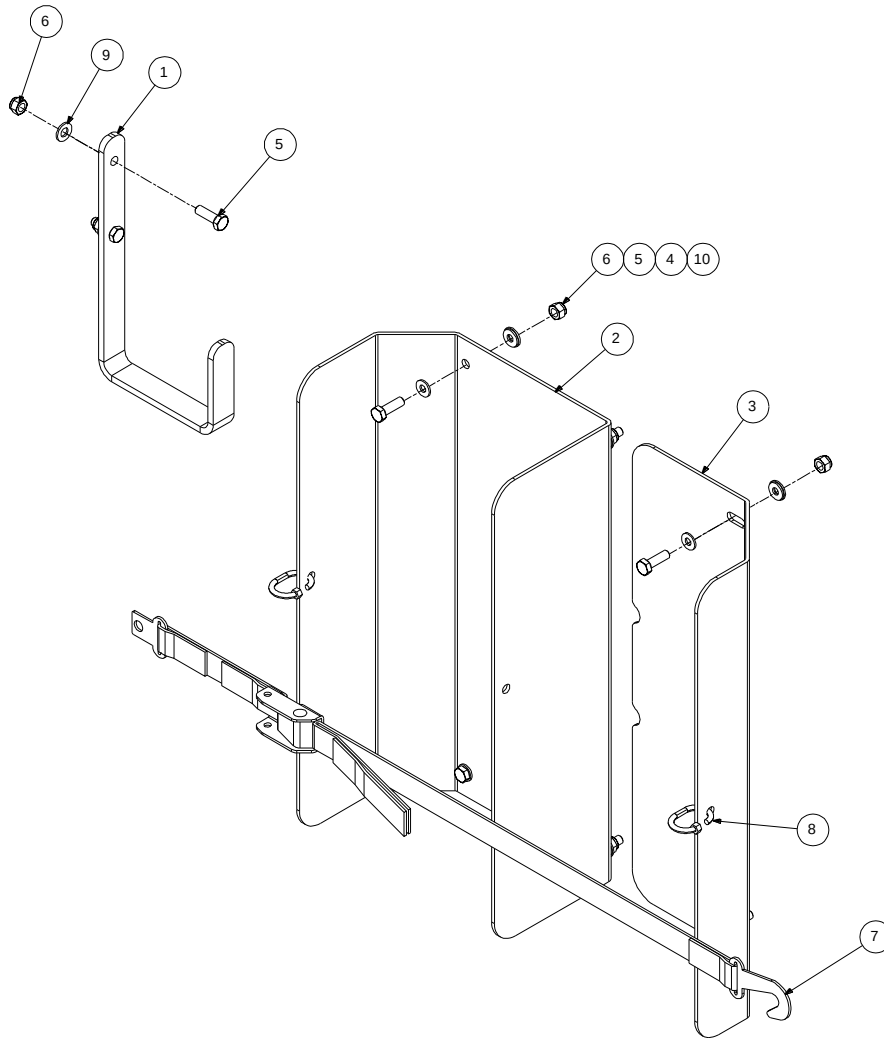
- 2 Each IMT drawer comes with the standard lock 70734188. Optional replacement drawer lock sets are available for IMT drawers. Replacement lock sets 70734420 and 70734421 can be ordered from IMT customer service.

DRAWER PART #	DRAWER WITH DIVIDER DIMENSIONS	DRAWER COMPONENT PART NUMBERS (QUANTITY IN PARENTHESES)		
		ITEM 1-DIVIDER	ITEM 2-DIVIDER, CENTER	ITEM 3-DIVIDER, HEMMED
70733800	3" H X 13" W	60251081 (4)		
70733802	5" H X 13" W	60251233 (4)		
70733803	7" H X 13" W	60251233 (4)		
70733798	3" H X 26" W	60251081 (6)	60130560 (1)	60130558 (2)
70733799	5" H X 26" W	60251233 (6)	60130561 (1)	60130559 (2)
70733801	7" H X 26" W	60251233 (6)	60130561 (1)	60130559 (2)
70733804	3" H X 39" W	60251081 (9)	60130560 (2)	60130571 (2)
70733805	5" H X 39" W	60251233 (9)	60130561 (2)	60130572 (2)
70733806	7" H X 39" W	60251233 (9)	60130561 (2)	60130572 (2)

Compartment Options

Part #	Dimensions / Description	Compartments Available
Roll-out Tool Box Tray		
51711548	Tray dimensions – 32"W x 18.5"D	LV1, LV2, RV1, RV2
Oxygen / Acetylene Tank Bracket		
51720021	Tank bracket – Oxy/Acet 3 tanks with hook	LV1, RV1
51719752	Tank bracket – Oxy/Acet 2 tanks with hook (Mounted on front wall in vented compartment)	LV1, RV1
Pull-out Drawer Sets		
51704193	4 drawer set with base 18"D x 8.12"W x 19"H	LV1, LV2, RV1, RV2, LH, RH, LR
51704194	5 drawer set with base 18"D x 8.12"W x 23"H	LV1, LV2, RV1, RV2, LR
51709946	16 bolt drawer set w/base 18"D x 16.25"W x 35.5"H	LV1, LV2*, RV1, RV2, LR
51704282	18 bolt drawer set w/base 18"D x 16.25"W x 39.5"H	LV1, LV2*, RV1, RV2, LR
51712650	2 drawer set with base 18"D x 8.12"W x 11"H	LV1, LV2, RV1, RV2, LH, RH, LR
Slide-out Parts Book Tray		
51713240	Slide out parts / book tray	LH, RH
Bookshelf		
51710102	Bookshelf dimensions 8"H x 45"L x 12"D	RH, LH
51707629	Bookshelf dimensions 8"H x 26"L x 12"D	RH, LH

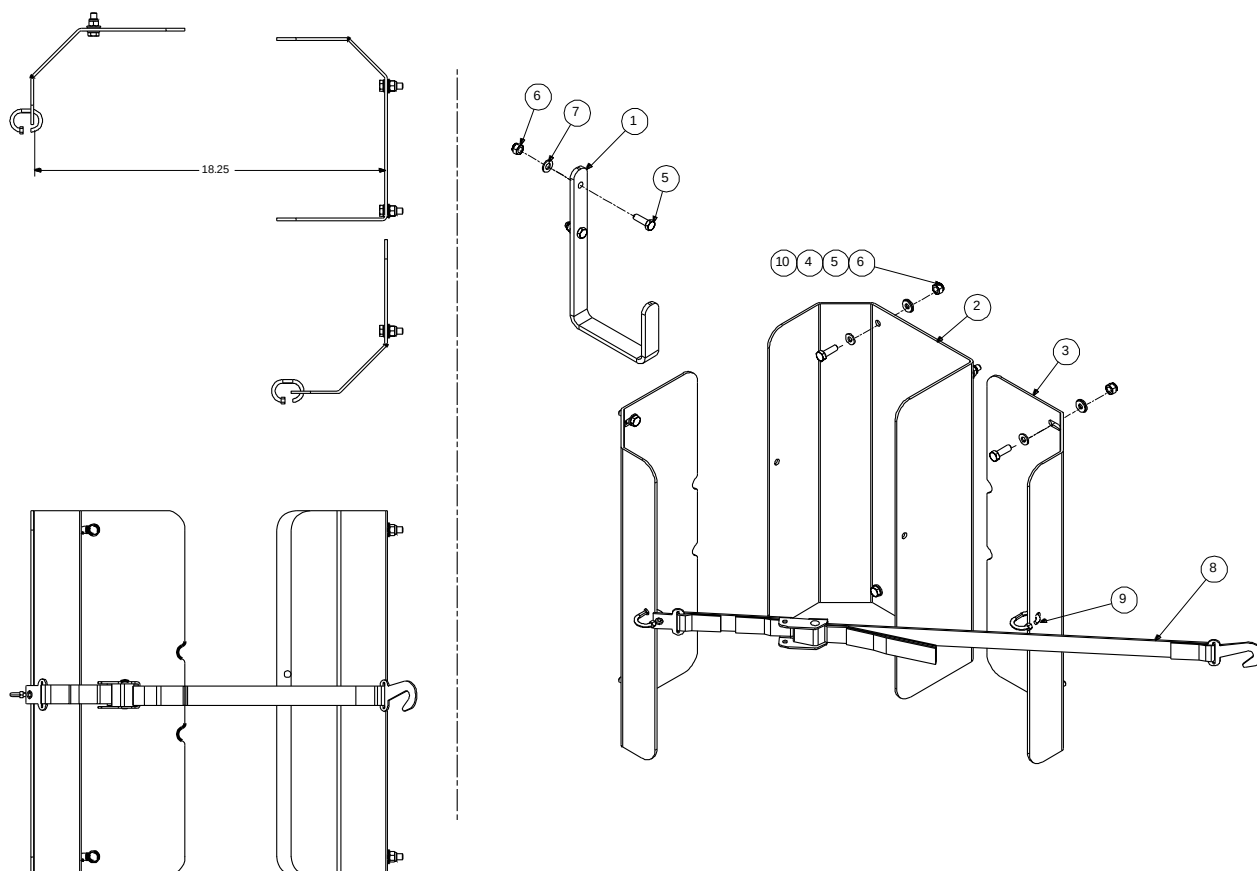
Tank Bracket, 2-Bottle (51719752)



51719752 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60140829	HOOK-J HOSE CMPT	1
2.	60129198	D(II)-BRACKET OXY/ACET BOTTLE DOM1	1
3.	60129197	D(II)-BRACKET OXY/ACET BOTTLE DOM1	1
4.	72063001	WASHER .25 FLAT	6
5.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	8
6.	72062109	NUT .31-18 HEX NYLOCK	8
7.	70733516	STRAP-36in BOTTLE HOLDER W/ SNAP HOOK	1
8.	70058959	CHAIN CONNECTOR-THREADED .19	2
9.	72063002	WASHER .31 FLAT	2
10.	76392598	WASHER-BONDED PLTD .31	6
REV E 20130401			

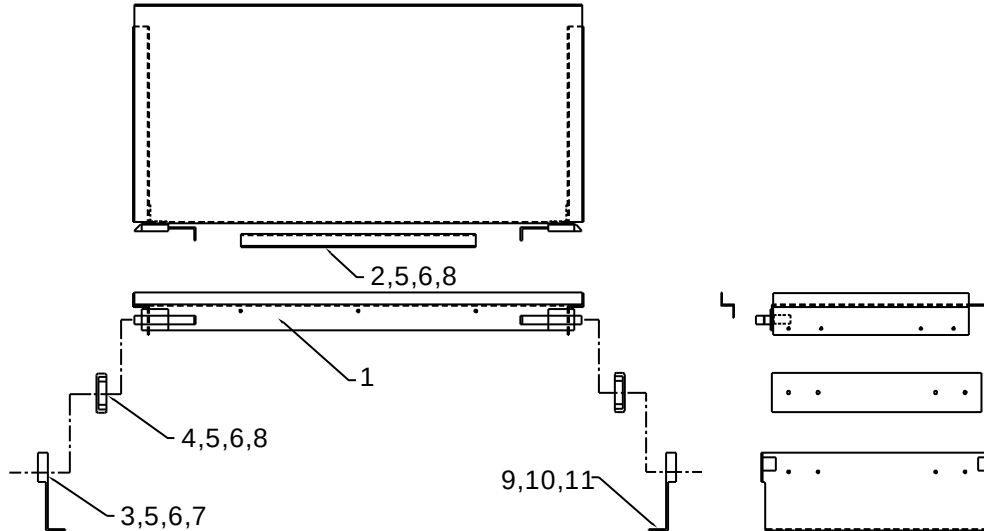
Tank Bracket, 3-Bottle (51720021)



51720021 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60140829	HOOK-J HOSE CMPT	1
2.	60129198	D(II)-BRACKET OXY/ACET BOTTLE DOM1	1
3.	60129197	D(II)-BRACKET OXY/ACET BOTTLE DOM1	2
4.	72063001	WASHER .25 FLAT	8
5.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	10
6.	72062109	NUT .31-18 HEX NYLOCK	10
7.	72063002	WASHER .31 FLAT	2
8.	70733516	STRAP-36in BOTTLE HOLDER W/ SNAP HOOK	1
9.	70058959	CHAIN CONNECTOR-THREADED .19	2
10.	76392598	WASHER-BONDED PLTD .31	8
REV E 20130401			

Tool Box Tray (51711548)



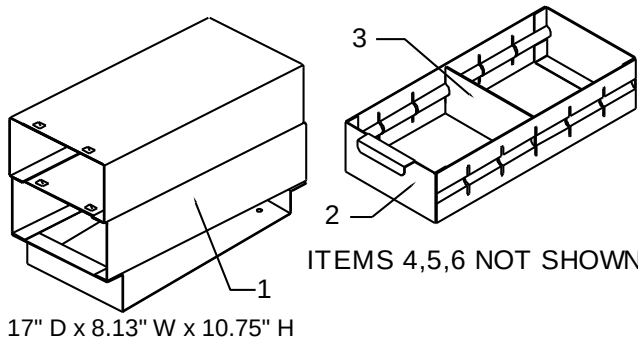
51711548 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52711606	TRAY 16-3/4 X 32	1
2.	60117163	MTG BRACKET 32"	1
3.	60114300	MTG BRACKET	2
4.	70731440	DRAWER SLIDE	2
5.	72062106	NUT #10-24 LOCK	19
6.	72063123	WASHER #10 WRT	19
7.	72601284	MACH SCR #10-24 X 5/8 FLHD	8
8.	72601283	MACH SCR #10-24 X 5/8 RDHD	11
9.	72601329	CAP SCR 5/16-18X3/4 BTNHD	4
10.	72063002	WASHER 5/16 WRT	4
11.	72062109	NUT 5/16-18 LOCK	4

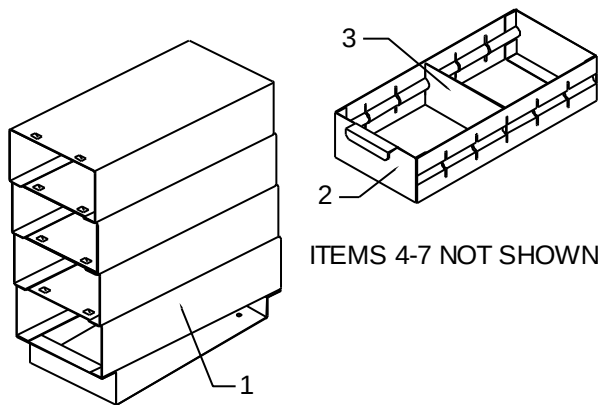
Pull-Out Bin Sets

Pull-out bins are available for IMT Dominators in sets of 2, 4, 5, 16, and 18 units.

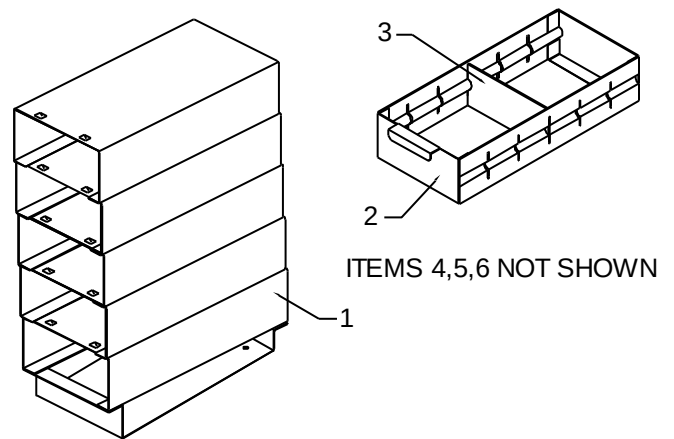
BIN SET PARTS LISTS			# BINS / QUANTITY				
ITEM	PART #	DESCRIPTION	2-BINS (51712650)	4-BINS (51704193)	5-BINS (51704194)	16-BINS (51709946)	18-BINS (51704282)
1.	52712651	CABINET (2-BIN SET)	1				
	52710227	CABINET (4-BIN SET)		1			
	52710226	CABINET (5-BIN SET)			1		
	52710235	CABINET (16-BIN SET)				1	
	52710234	CABINET (18-BIN SET)					1
2.	52710274	BIN	2	4	5	16	18
3.	60114979	DIVIDER 3.38X7.62	8	12	15	48	54
4.	72060002	CAP SCR .25-20X .75 HH GR5Z	4	4	4	8	8
5.	72062104	NUT 1/4-20 LOCK	4	4	4	8	8
6.	72063001	WASHER 1/4 WRT	8	8	8	16	16

2-Bin Set with Base (51712650)

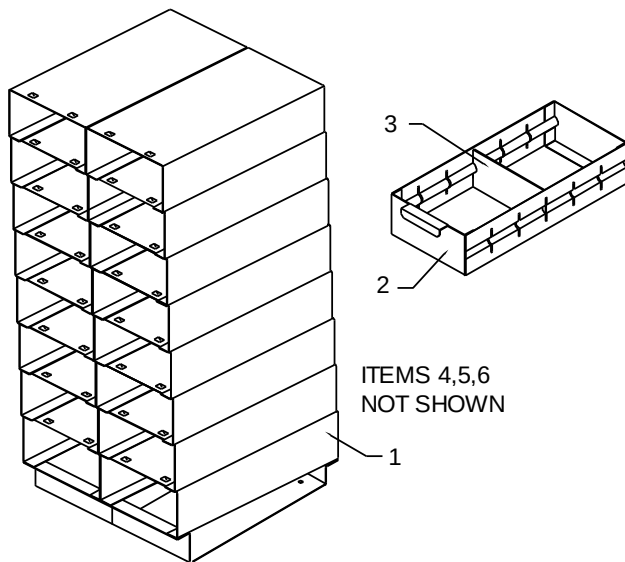


4-Bin Set with Base (51704193)

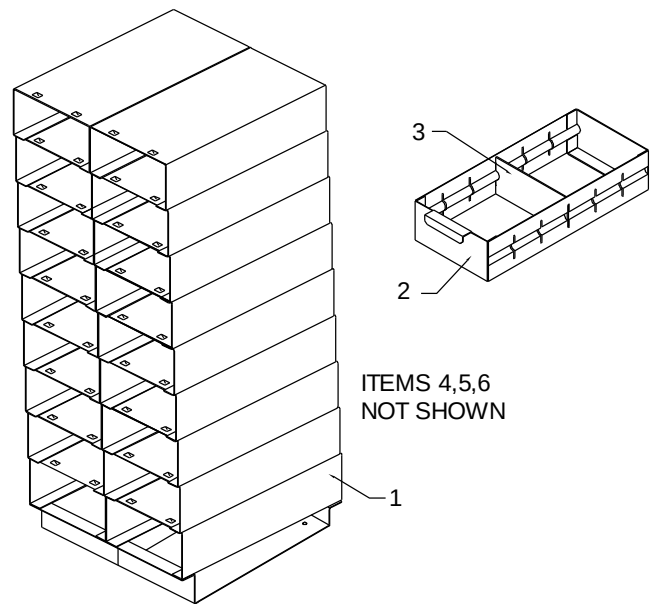
17" D x 8.13" W x 19" H

5-Bin Set with Base (51704194)

17" D x 8.13" W x 23" H

16-Bin Set with Base (51709946)

17" D x 16.26" W x 35" H

18-Bin Set with Base (51704282)

17" D x 16.26" W x 39" H

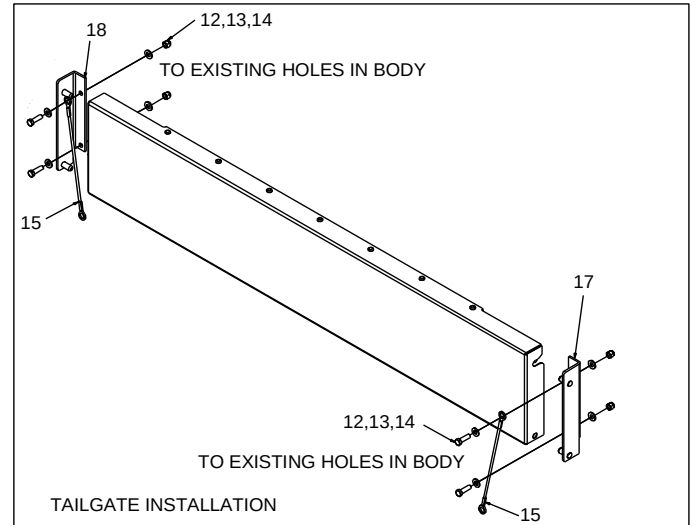
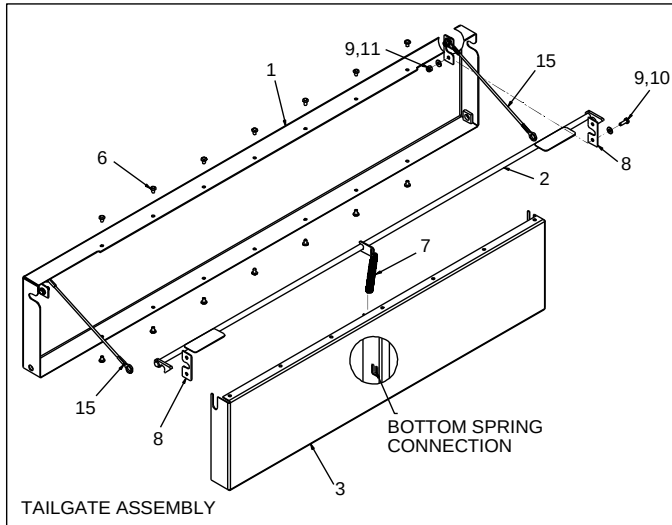
CHAPTER 6

Tailgate & Bumper Options

In This Chapter

Tailgate Assembly (51718801)	90
Bumper Hitch & Workbench Options	91

Tailgate Assembly (51718801)



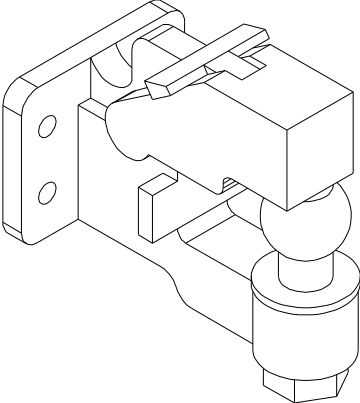
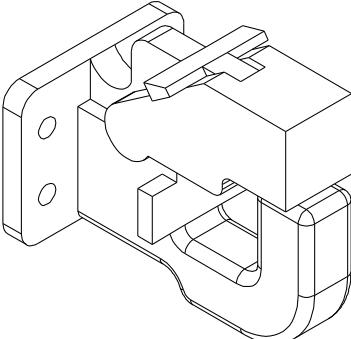
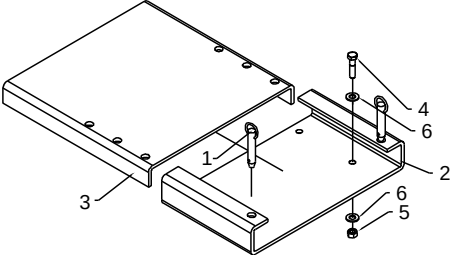
INSTALLATION NOTES:

- 1 INSTALL ROD WELDMENT #2 INTO PANEL #3 SLOTS.
- 2 CONNECT SPRING #7 BETWEEN PANEL #3 BRACKET AND ROD #2 BRACKET.
- 3 JOIN PANEL #1 OVER PANEL #3.
- 4 CONNECT PANEL #1 TO PANEL #3 WITH RIVET #6.
- 5 INSERT LOWER MOUNTING PIN OF MOUNTING BRACKETS #17 AND #18 INTO LOWER HOLE OF ASSEMBLED TAILGATE.
- 6 BOLT ASSEMBLY TO REAR OF BODY.
- 7 CABLE #15 WILL SHARE THE TOP MOUNTING HOLE IN BRACKETS #17 AND #18. ATTACH THE OTHER END OF CABLE TO THE TOP END OF THE TAILGATE TO HOLD THE TAILGATE PARALLEL TO THE CARGO FLOOR.

51718801 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52718802	TAILGATE WELDMENT REAR COVER	1
2.	52718803	TAILGATE WELDMENT LATCH ROD	1
3.	52718804	TAILGATE WELDMENT FRONT COVER	1
6.	72661226	RIVET-ALUMINUM .257 DIA X .38 GRIP	14
7.	71411138	SPRING-COMPRESSION .50 X 3.50 X 14GA	1
8.	60126539	BRACKET, TAILGATE REAR COVER	2
9.	72063001	WASHER .25 FLAT (WAS 72063166)	8
10.	72060002	CAP SCR .25-20X .75 HH GR5Z	4
11.	72062104	NUT .25-20 HEX NYLOC (WAS 72062194)	4
12.	72063003	WASHER .38 FLAT (WAS SS)	8
13.	72060047	CAP SCREW .38-16X 1.25 HHGR5Z (WAS 72601835)	4
14.	72062103	NUT .38-16 HEX NYLOC (WAS 72062197)	4
15.	72661600	CABLE, PLASTIC COATED	2
17.	52719638	TAILGATE POST WELDMENT, RH	1
18.	52719639	TAILGATE POST WELDMENT, LH	1
REV. F 2007			

Bumper Hitch & Workbench Options

Dominator Bumper Hitch & Workbench Options		
PART NUMBER	DESCRIPTION	NOTES
51709516	Pintle ball combination with 2" removable ball for hitch Tank Kit mounting	
51709517	Hitch for hitch Tank Kit mounting	
51710172	Vise mounting bracket Parts List: 1. 71731462 (2) 2. 60142621 (1) 3. 60142620 (1) 4. 72060048 (4) 5. 72062103 (4) 6. 72063003 (8)	Can be located on RH side, LH side, or both with quantity of 2  Note: See drawing 99903161 for installation instructions.
70733332	Combination vise, 5"	Can be located on RH side, LH side, or both with quantity of 2
60117003	Vise plate, weld-on 12" x 12" x 1/2"	Can be located on RH side, LH side, or both with quantity of 2

CHAPTER 7

Air System Options

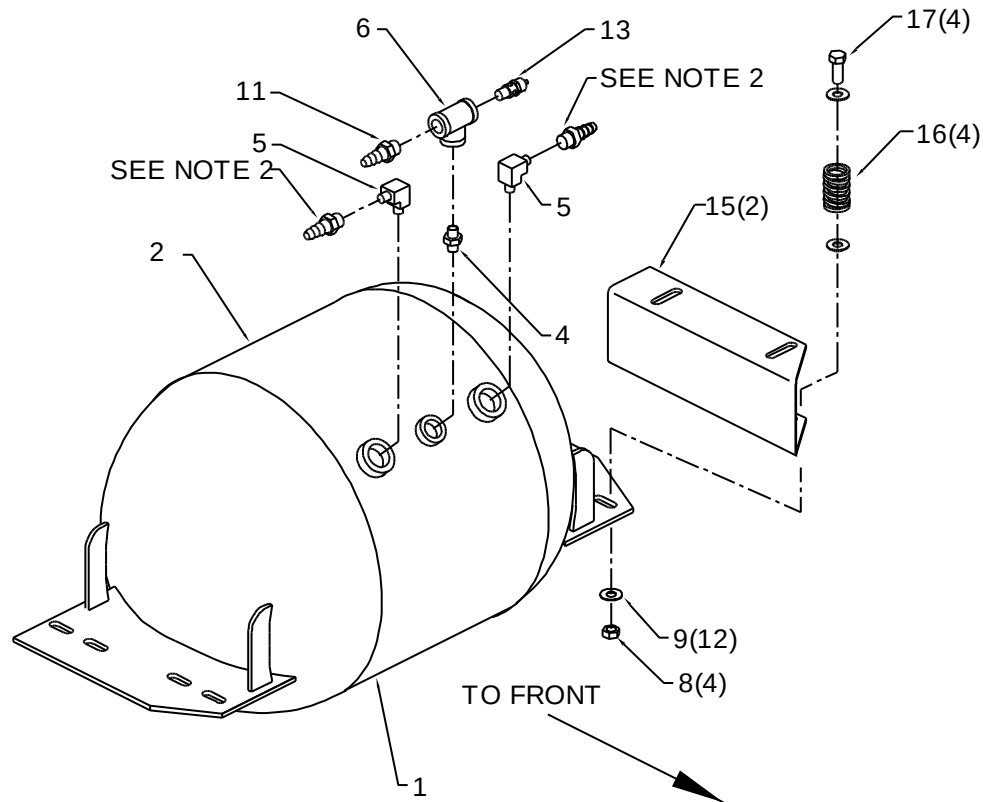
In This Chapter

Air Tank Options.....	93
Air Tank Kit, 22.5 Gallon (51706697).....	94
Air Tank Kit, 15 Gal (51707363)	95
Air Tank Kit, Dual 15 Gal (51709693)	97
Air Tank Kit, 35 Gallon (51708336).....	98
Air Tank Kit, 58 Gallon (51708369).....	100
Stepless Ear Clamp Installation (99904411).....	102
Moisture Separator / Regulator / Oiler Assembly (51714805)...	104
Moisture Separator / Regulator / Oiler Parts (51714805)	105
Moisture Separator / Regulator / Oiler Installation	106
Hose Reel (51726333) (Eff. 10/14)	107
Hose Reel (51713651) (Thru 10/14)	108

Air Tank Options

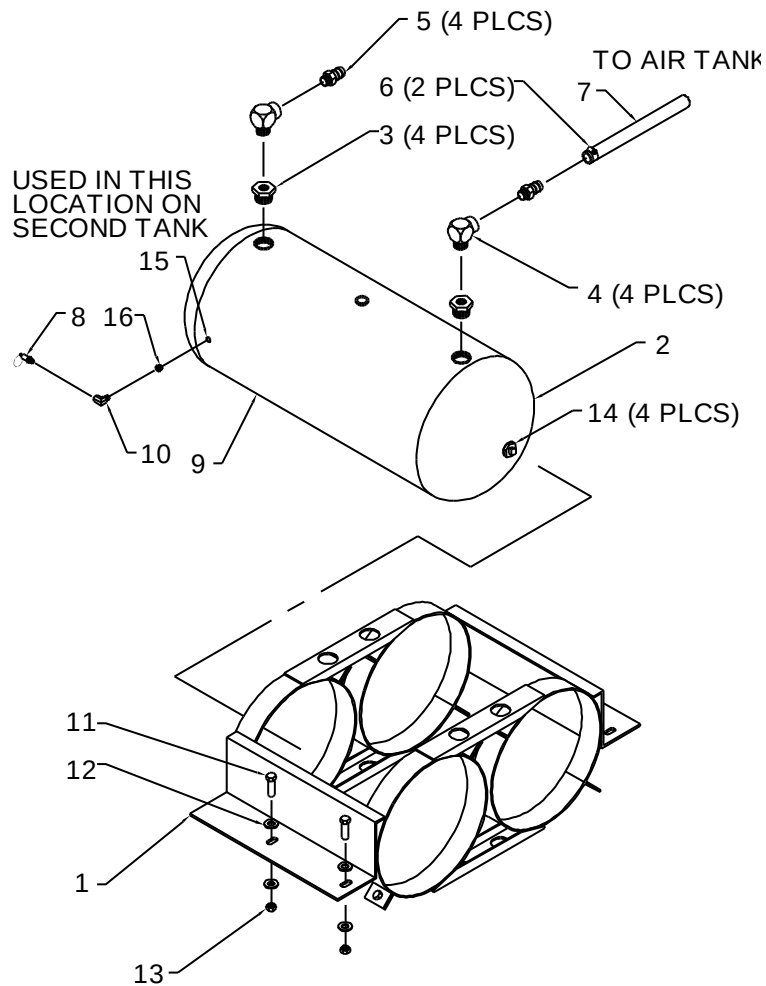
PART #	DESCRIPTION	LOCATION
51706697	Air Tank Kit, 22.5 Gal	Mount between the frame for all units.
51707363	Air Tank Kit, 2 - 15 Gal (30 Gal Total)	Mount between the frame at the rear of the body.
51709804	Air Tank Kit, 22 Gal	Mount on one side parallel to driveshaft.
51709693	Air Tank Kits, 2- 15 Gal Tanks	Mount one on each side of frame.
51708336	Air Tank Kit, 35 Gal	Mount on top of street side compartments.
51708369	Air Tank Kit, 58 Gal	Mount on top of street side compartments.

Air Tank Kit, 22.5 Gallon (51706697)



51706697 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51709358	DRAIN ASM (INCL:1)	1
2.	70731788	AIR TANK 22-1/2 GALLON	1
4.	72053517	ADAPTER 1/4MPT 1/4MPT HEX	1
5.	72053556	STREET ELBOW 3/4NPT 90°	2
6.	72053610	TEE 1/4	1
7.	72060093	CAP SCR 1/2-13X1-1/2 HHGR5 (WAS 72060092)	4
8.	72062080	NUT 1/2-13 LOCK	4
9.	72063005	WASHER 1/2 WRT	12
10.	72531836	REDUCER BUSHING 1-1/4X3/4NPT	2
11.	72532552	HOSE FTG TYPE O 1/4 1/4	1
13.	73054032	SAFETY VALVE 1/4 200PSI	1
14.	71393886	DECAL-DANGER EXPLODING TANK	1
15.	60113718	BRACKET	2
16.	70144807	SPRING	4
17.	72060920	CAP SCR 1/2-13X3-1/4 HHGR5	4
REV. J 20060329			

Air Tank Kit, 15 Gal (51707363)



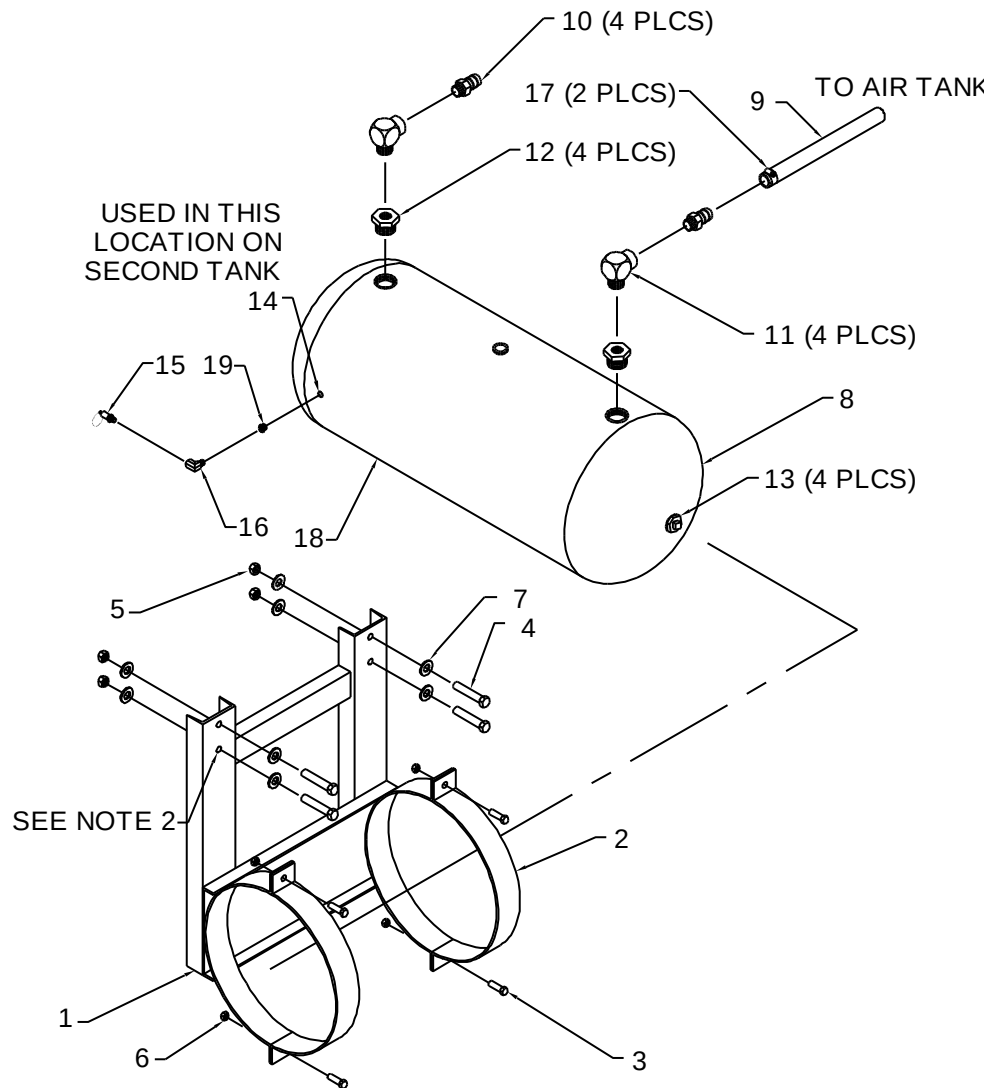
NOTES:

- 1 LOCATE DECAL AS CLOSE TO DRAIN VALVE AS POSSIBLE, IN CLEAR VIEW OF OPERATOR.
- 2 FITTING CONFIGURATION MAY VARY PER APPLICATION. TANK BRACKET MAY BE MOUNTED INVERTED OR ROTATED 180° AS REQUIRED PER APPLICATION.

51707363 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51705045	TANK BRKT-DUAL 15GAL INSFRAME	1
2.	70073062	TANK-AIR 15 GAL 12.00 X 32.50	2
3.	72053180	REDUCER BUSH-BLK 1.25- .75	4
4.	72053556	ELBOW-STREET STL .75 X 90 DEG	4
5.	72532559	HOSE FTG-TYPE O 12 .75 BRS	4
6.	72661657	CLAMP-.75 STEPLESS EAR (WAS 72066000)	2
7.	89392349	HOSE-GP .75 X 250 WP GRAY 801	0.583 FT

51707363 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
8.	73054032	VALVE-PRESS RELIEF .25 200 PS	1
9.	51713771	DRAIN ASM-DUAL AIR TANKS	1
10.	72053282	ELBOW-STREET BLK .25 X 90 DEG	1
11.	72060093	CAP SCR .50-13X 1.50 HH GR5 Z	4
12.	72063005	WASHER .50 W FLAT ANSI B27.2Z	4
13.	72062080	NUT .50-13 HEX NYLOC ZINC	4
14.	72053397	PLUG-PIPE SOC HEX BLK 1.25	4
15.	72053246	PLUG-PIPE SQ HD BLK .38	1
16.	72053372	REDUCER BUSH-BLK .38- .25	1
17.	71393886	DECAL-DANGER EXPLODING TANK	1
REV. C 20080613			

Air Tank Kit, Dual 15 Gal (51709693)



NOTES:

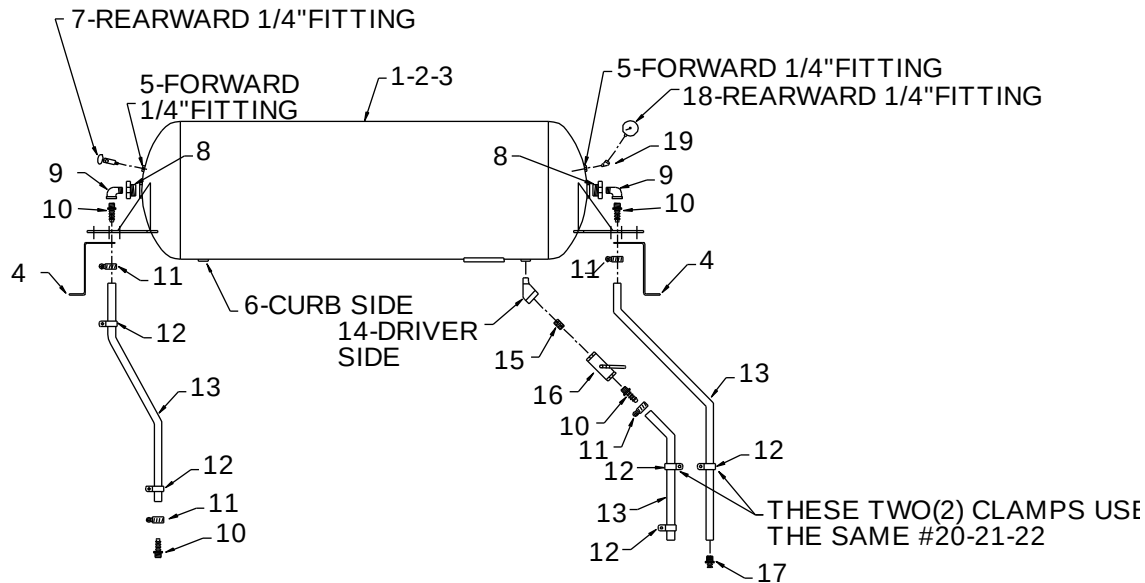
- 1 LOCATE DECAL AS CLOSE TO DRAIN VALVE AS POSSIBLE, IN CLEAR VIEW OF OPERATOR.
- 2 FITTING CONFIGURATION MAY VARY PER APPLICATION. TANK BRACKET MAY BE MOUNTED INVERTED OR ROTATED 180° AS REQUIRED PER APPLICATION.

51709693 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52709697	TANK BRKT-SGL 15GAL	2
2.	60106492	BRACKET, AIR TANK	4
3.	72060048	CAP SCR 3/8-16 X 1.5	8
4.	72060096	CAP SCR 1/2-13 X 2.50	8

51709693 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
5.	72062080	NUT 1/2-13 HEX SELF LOCK	8
6.	72062103	NUT 3/8-16 HEX SELF LOCK	8
7.	72063005	WASHER 1/2 FLAT	16
8.	70073062	TANK, AIR 15 GAL	2
9.	89392349	HOSE-GP 3/4" 200 PSI	8'
10.	72532559	HOSE FTG 3/4 3/4 BRS	4
11.	72053556	ELBOW STR 3/4X90°	4
12.	72053180	RED BUSHING 1.25-.75	4
13.	72053397	PIPE PLUG 1.25 HOL HEX	4
14.	72053246	PLUG-PIPE 3/8 SQHD	1
15.	73054032	SAFETY VALVE	1
16.	72053282	ELBOW STREET 1/4 X 90°	1
17.	72066000	HOSE CLAMP	2
18.	51713771	DRAIN ASM, DUAL TANK	1
19.	72053372	RED BUSHING 3/8-1/4	1
20.	71393886	DECAL-DANGER AIR TANK	1

REV. B 20051128

Air Tank Kit, 35 Gallon (51708336)



NOTES:

- 1 ITEMS 23-27 ARE USED TO SECURE TANK (#1) TO BRACKET (#4), AND BRACKET TO BODY.
- 2 ITEMS 20-22 ARE USED TO SECURE CLAMP (#12) TO BODY.
- 3 ITEM 28 AND ONE OF ITEM 9 MAY NOT BE REQUIRED, OR MAY REPLACE ITEMS 14 & 15.

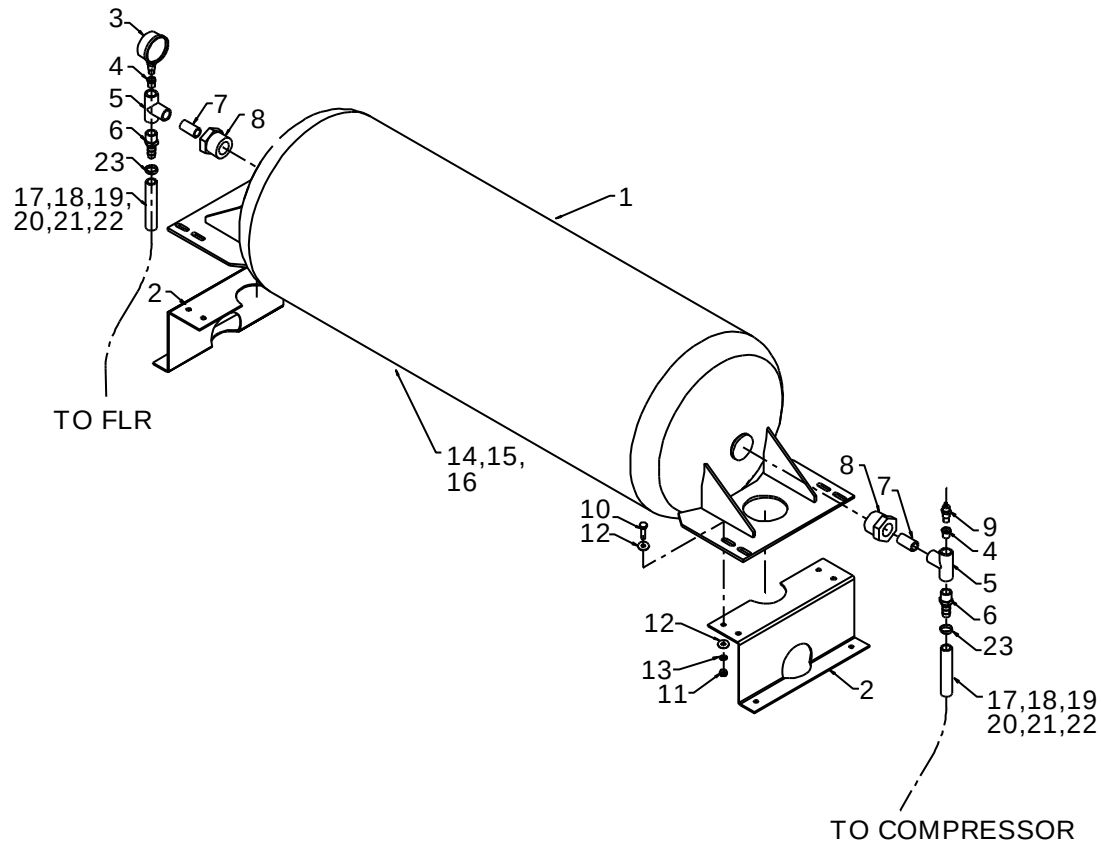
51708336 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70073063	TANK-AIR 35 GAL 14.00 X 57.00	1
2.	70391601	DECAL-AIR TANK DRAIN	1
3.	71393886	DECAL-DANGER EXPLODING TANK	1
4.	60112258	BRACKET-AIR TANK 58 GAL MECH	2
5.	72053245	PLUG-PIPE SQ HD BLK .25	2
6.	72053405	PLUG-PIPE SOC HD GLV .75	1
7.	73054032	VALVE-SAFETY .25 200 PSI	1
8.	72053577	REDUCER BUSH-BLK 1.50- .75	2
9.	72053285	ELBOW-STREET BLK .75 X 90 DEG	3
10.	72053458	NIPPLE-BARB BRS .75 MPT .75	4
11.	72661657	CLAMP-.75 STEPLESS EAR (WAS 72066000)	5
12.	72066582	CLAMP-UMP20 S464-G20	5
13.	89392349	HOSE-GP .75 X #300 WP (GRAY)	31'
14.	72053173	ELBOW-STREET BLK .75 X 45°	1
15.	72053141	NIPPLE-PIPE BLK .75 X CLOSE	1
16.	73054230	VALVE-BALL .75	1
17.	72532832	HOSE FTG-TYPE O .75 .75 STL	1
18.	70048015	GAUGE-PRESSURE AIR 300#	1

51708336 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
19.	72053170	ELBOW-STREET BLK .25 X 45°	1
20.	72060004	CAP SCR .25-20 X 1.00 HH GR5 ZINC	4
21.	72063001	WASHER .25 W FLAT ANSI B27.2Z	8
22.	72062104	NUT .25-20 HEX NYLOC ZINC	4
23.	72060047	CAP SCR .38-16 X 1.25 HH GR5 ZINC	8
24.	72063003	WASHER .38 W FLAT ANSI B27.2Z	20
25.	72062103	NUT .38-16 HEX NYLOC ZINC	12
26.	72060046	CAP SCR .38-16 X 1.00 HH GRD5 ZINC	4
27.	76392821	WASHER-BONDED PLTD .38	4
28.	72053152	NIPPLE-PIPE BLK .75 X 5.00	1
REV. C 20080613			

REV. B 20051129

Air Tank Kit, 58 Gallon (51708369)



NOTE:

1 LOCATE DECAL #24 AS CLOSE TO DRAIN VALVE AS POSSIBLE, IN CLEAR VIEW OF OPERATOR.

51708369 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70073808	TANK-AIR 58 GAL	1
2.	60112258	BRACKET-AIR TANK 58 GAL MECH	2
3.	70048036	GAUGE-PRESS AIR 300# BTM MNT	1
4.	72053527	REDUCER BUSH-BLK .75- .25	2
5.	72053604	TEE-BLK .75	2
6.	72532832	HOSE HTG-TYPE O .75 .75 STL	2
7.	72053141	NIPPLE-PIPE BLK .75 X CLOSE	2
8.	72532852	REDUCER BUSH-BLK 2.00- .75	2
9.	73054032	VALVE-SAFETY .25 200 PSI	1
10.	72060046	CAP SCR .38-16 X 1.00 HH GR5 Z	12
11.	72062002	NUT .38-16 HEX ZINC	12
12.	72063003	WASHER .38 W FLAT AHSI B27.2Z	12
13.	72063051	WASHER .38 LOCK ZINC	12

51708369 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
14.	51709358	DRAIN ASM-AIR TANK UNDER DECK	1
15.	72066534	CLAMP-HOSE VINYL COVERED .25	3
16.	72066340	RIVET-POP AL .12 X .375 GRIP	3
17.	89392349	HOSE-GP .75 X 300# WP (GRAY)	31 FT
18.	72066525	CLAMP-HOSE VINYL COVERED .75	9
19.	72060002	CAP SCR .25-20X .75 HH GR5Z	9
20.	72063049	WASHER .25 LOCK ZINC	9
21.	72063001	WASHER .25 W FLAT ANSI B27.2Z	6
22.	72062000	NUT .25-20 HEX ZINC	6
23.	72661657	CLAMP-.75 STEPLESS EAR (WAS 72066000)	2
24.	71393886	DECAL-DANGER EXPLODING TANK	1
REV. C 20080613			

Stepless Ear Clamp Installation (99904411)

INSTALLING A STEPLESS EAR CLAMP

When there is sufficient room, use standard jaw pincers to position a properly-sized ear clamp on a hose fitted with a hose stem. Close ear clamp fully with uniform force until there is only a 1/16" gap remaining. The visible deformation of the clamp ear provides a visible, instant check that the closure is complete.



INSTALLING A STEPLESS EAR CLAMP IN RESTRICTED SPACE

When space is restricted, use side jaw pincers held parallel to the hose to position and clamp a properly-sized ear clamp on a hose fitted with a hose stem. Close ear clamp fully with uniform force until there is only a 1/16" gap remaining. The visible deformation of the clamp ear provides a visible, instant check that the closure is complete.



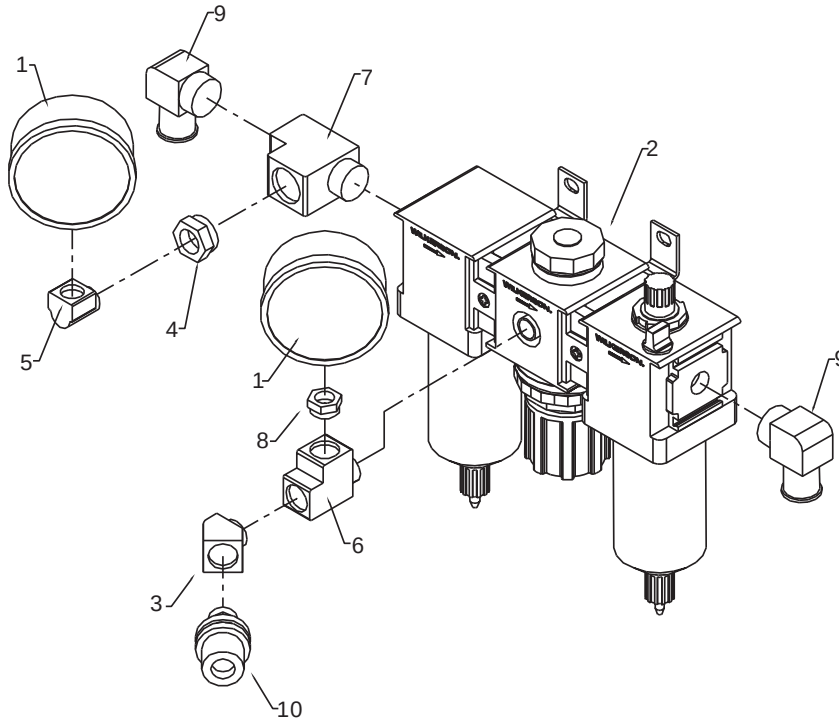
REMOVING A STEPLESS EAR CLAMP

To remove a stepless ear clamp, grasp the strip end with a pincer and pull it away.



NOTE: Stepless ear clamps can only be used once. When removed, they must be discarded and replaced with new clamps.

Moisture Separator / Regulator / Oiler Assembly (51714805)

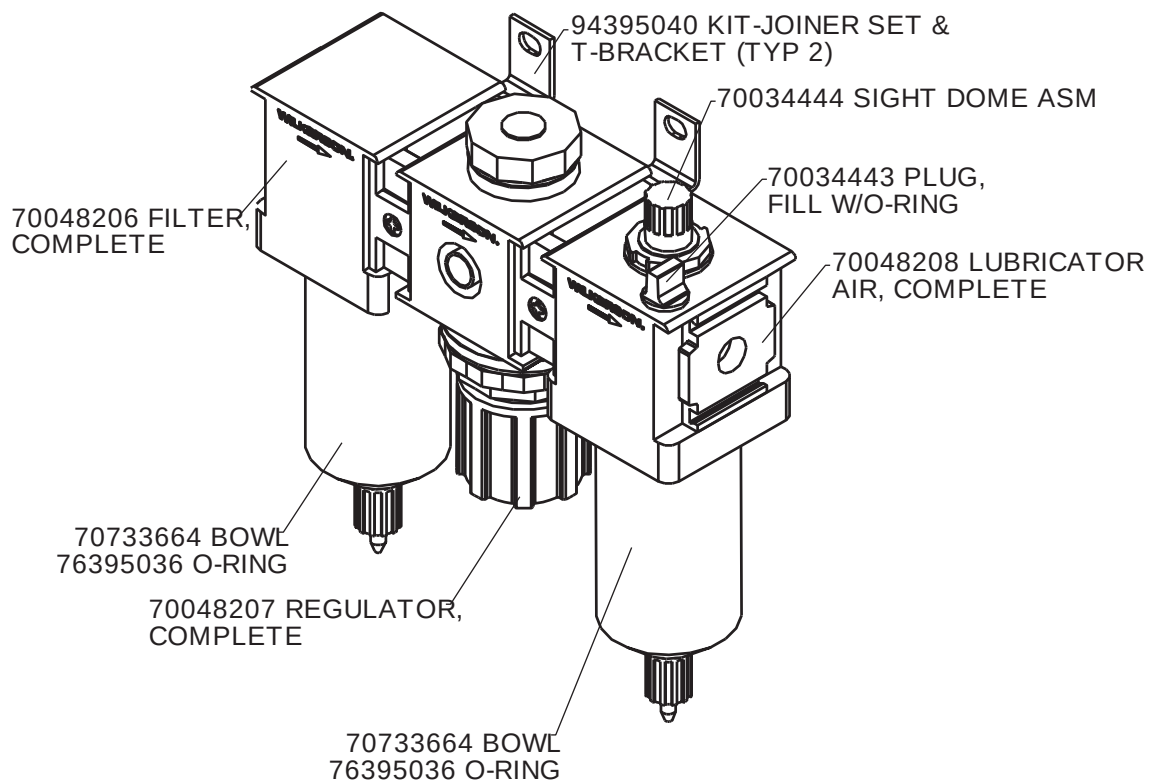


NOTE:

- 1 When installing fittings, seal threads with Pro Lock pipe sealant with teflon (#51464) or equivalent. This sealant is a low strength anaerobic paste. Thread tape is *not* acceptable.

51714805 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70048205	AIR PRESSURE GAUGE 300PSI	2
2.	70073310	MOISTURE SEP/REG/OILER	1
3.	72053571	STREET ELBOW 3/8NPT 45° BRASS	1
4.	72531812	REDUCER BUSHING 1/2-1/4NPT BRS	1
5.	72532974	STREET ELBOW 1/4NPT 90° SHORT	1
6.	72533586	TEE 3/8NPT BRS RUN	1
7.	72533587	TEE 1/2NPT BRS RUN	1
8.	72533588	REDUCER BUSHING 3/8-1/4NPT BRS	1
9.	72533592	BARB NIPPLE 1/2MPT 3/4NPT 90°	4
10.	72533593	QUICK DISCONNECT 3/8MPT 1/4DIS	1
11.	72601825	CAP SCR-SS .25-20X .50HH	* 4
12.	72063142	WASHER, SS 1/4 LOCK	* 4
13.	T48004	920 3"X5" 2MIL ZIPLOC BAG	* 4
* NOT SHOWN			

Moisture Separator / Regulator / Oiler Parts (51714805)



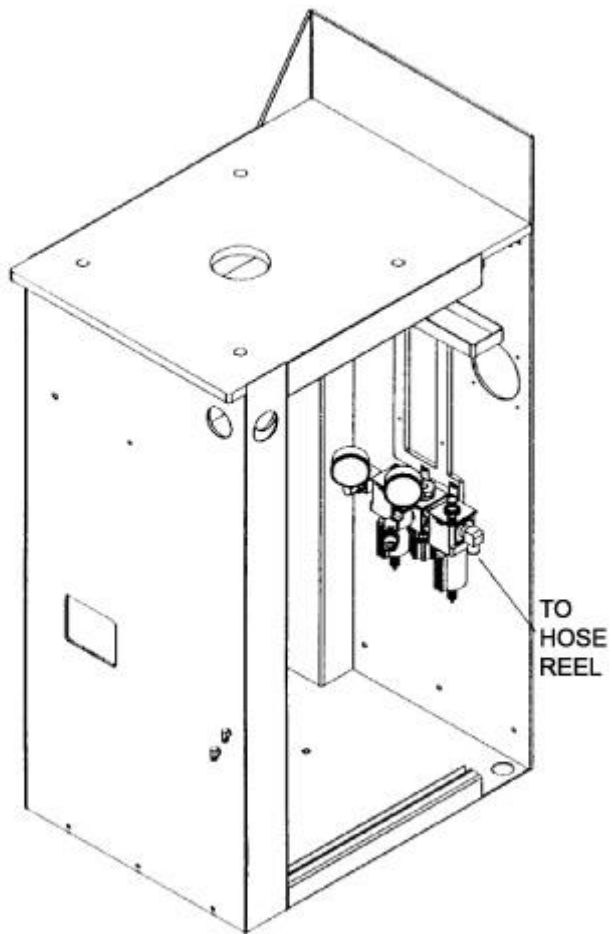
COMPONENT PART ASSEMBLIES:

70048206 FILTER REPLACEMENT PARTS INCLUDE 94395039 ELEMENT KIT (5-MICRON ELEMENT, ELEMENT RETAINER, DEFLECTOR, AND BOWL O-RING) AND 70048209 ELEMENT (5-MICRON ELEMENT ONLY).

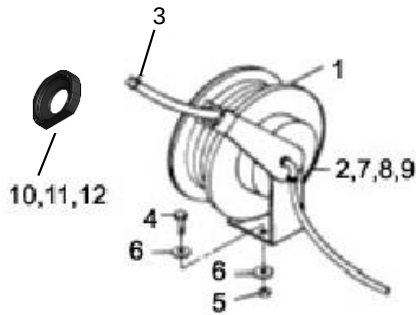
70048207 AIR REGULATOR REPLACEMENT PARTS INCLUDE 94395037 DIAPHRAGM KIT AND 70145777 SPRING, AIR REGULATOR.

70048208 LUBRICATOR REPLACEMENT PARTS INCLUDE 94395038 BY-PASS KIT, WHICH INCLUDES MODULE, CHECK BALLS, ELASTOMER, AND GASKET.

Moisture Separator / Regulator / Oiler Installation

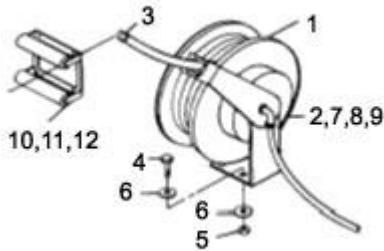


Hose Reel (51726333)(Eff. 10/14)



51726333 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70732096	HOSE REEL	1
2.	72531133	STREET ELBOW, STL 1/2X90°	1
3.	72532022	QUICK DISCONNECT .50 FPT	1
4.	72060046	CAP SCR 3/8-16X1 HHGR5Z	4REF
5.	72062103	NUT 3/8-16 LOCK	4REF
6.	72063003	WASHER 3/8 FLAT	8REF
7.	72661657	HOSE CLAMP	4REF
8.	72051547	BARB NIPPLE 1/2MPT 3/4 HOSE	1
9.	89392349	HOSE 3/4 300#	36"
10.	70034554	HOSE GUIDE	1
11.	72601008	BOLT, STV #10-24 X 1.50 FLH ZINC	4REF
12.	72062106	NUT #10-24 HEX LOCK	4REF
13.	72066581	CLAMP-LOOP 1.00 CUSHIONED	1REF
14.	72060833	SCREW-THRD CUT .31-18 X .75 HWH-1	1REF
15.	51725650	HARDWARE KIT, HOSE REEL (INCLUDES 4-7,11-14)	REF
REV 20140930			

Hose Reel (51713651)(Thru 10/14)



51713651 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70732096	HOSE REEL	1
2.	72531133	STREET ELBOW, STL 1/2X90° (WAS 72053284)	1
3.	72053810	PIPE CAP 1/2NPT	1
4.	72060046	CAP SCR 3/8-16X1 HHGR5Z	4REF
5.	72062103	NUT 3/8-16 LOCK	4REF
6.	72063003	WASHER 3/8 FLAT	8REF
7.	72066000	HOSE CLAMP (WAS QTY 2)	4REF
8.	72051547	BARB NIPPLE 1/2MPT 3/4HOSE (WAS QTY 2)	1
9.	89392349	HOSE 3/4 300#	36"
10.	70731371	HOSE GUIDE & ROLLER ASM	1
11.	72601004	BOLT, STV #10-24X3/4 FLH ZINC	4REF
12.	72062106	NUT #10-24 HEX LOCK	4REF
	51716381	HARDWARE KIT, HOSE REEL (INCL. 4-7,11,12)	REF
REV 20120216			

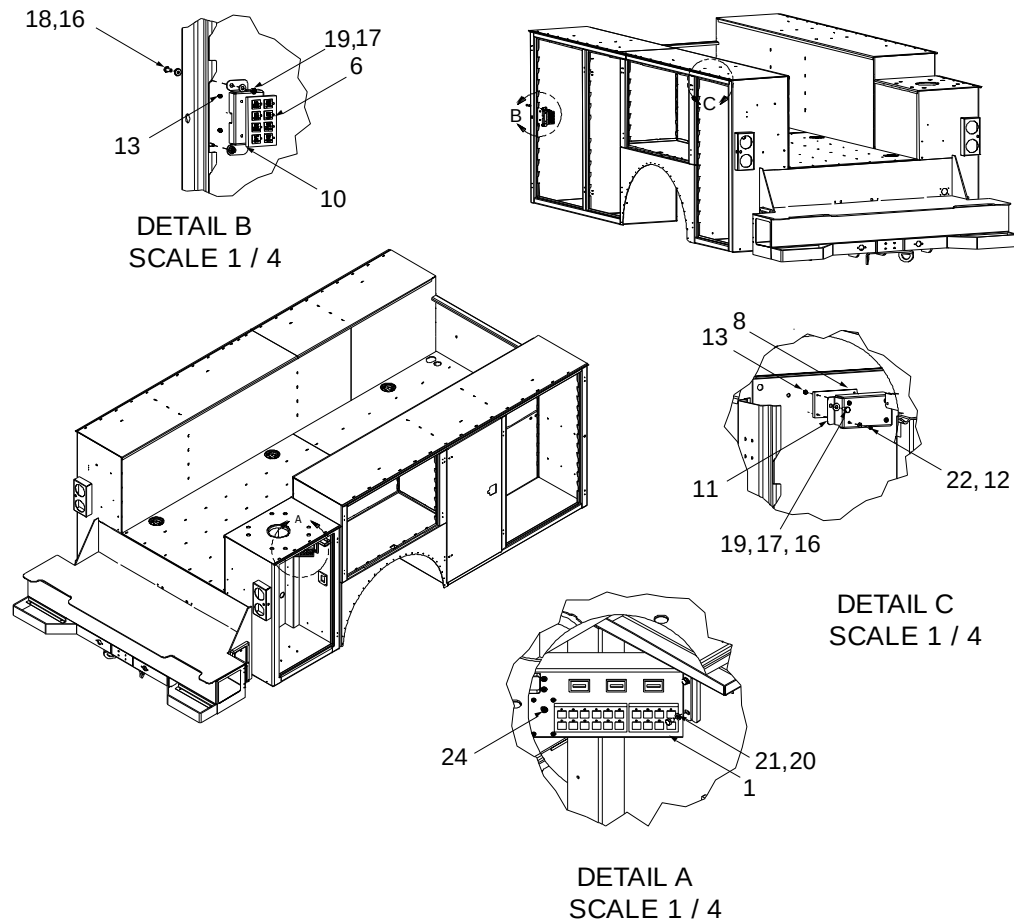
CHAPTER 8

Electrical & Lighting

In This Chapter

Electrical Panel, Dominator III-IV (99905113) (Eff. 7/24/14)	110
Electrical Panel, Dominator III-IV (99905113) (Through 7/24/13)....	116
Wiring Installation (99905415)	117
Ribbon Cable Replacement Parts (99905415-2)	121
Ribbon Cable Connection Replacement Instructions	124
Dominator Electrical Troubleshooting	126
Electrical Installation (99905307).....	128
Electrical Harness, Chassis (77441446).....	140
Harness, Power Panel (77441445).....	142
Electrical Harness- Rear Body Lights (77441437)	144
Electrical Harness, Left Sidepack (77441439)	144
13-14' Dom Harness, Flood & Marker Lights (77441442)	148
Compartment / Flood Light Installation (99905266)	151
Installation, Front Flood Light Bracket (99905305)	151
LED Light Kits	156
Electrical Outlet (51711674)	161
Light Reel Kits	161

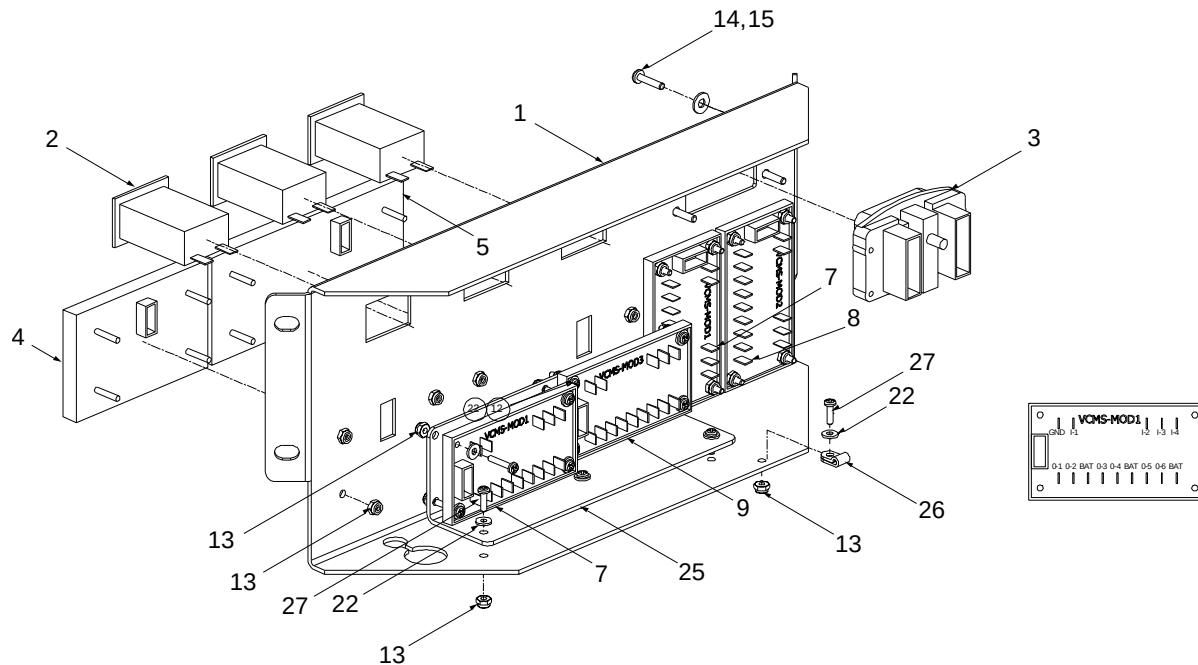
Electrical Panel (99905113)



NOTE:

COVER ANY OPEN BATTERY TERMINALS ON POWER MODULES WITH 77040389 FLAG.

99905113-2

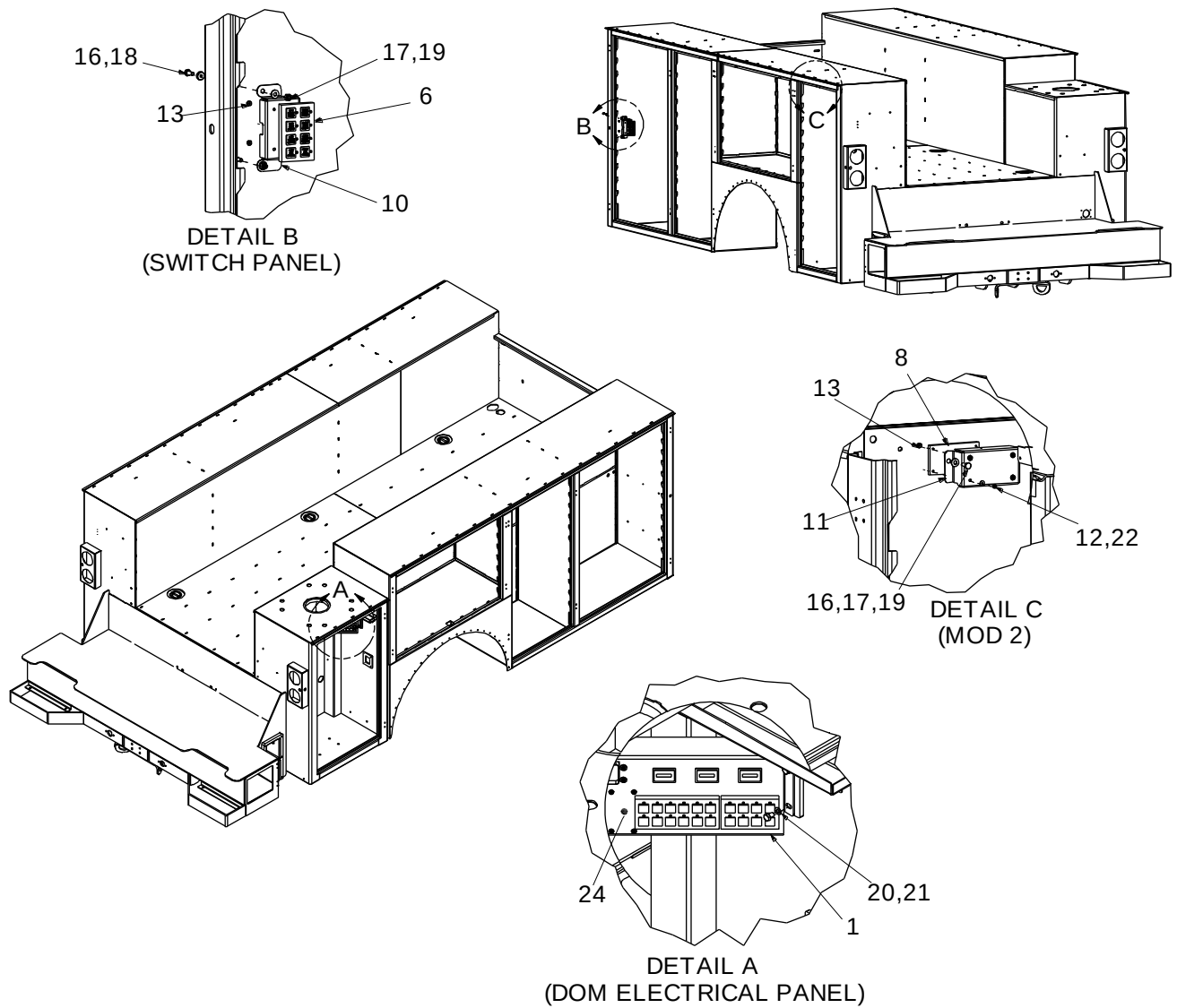


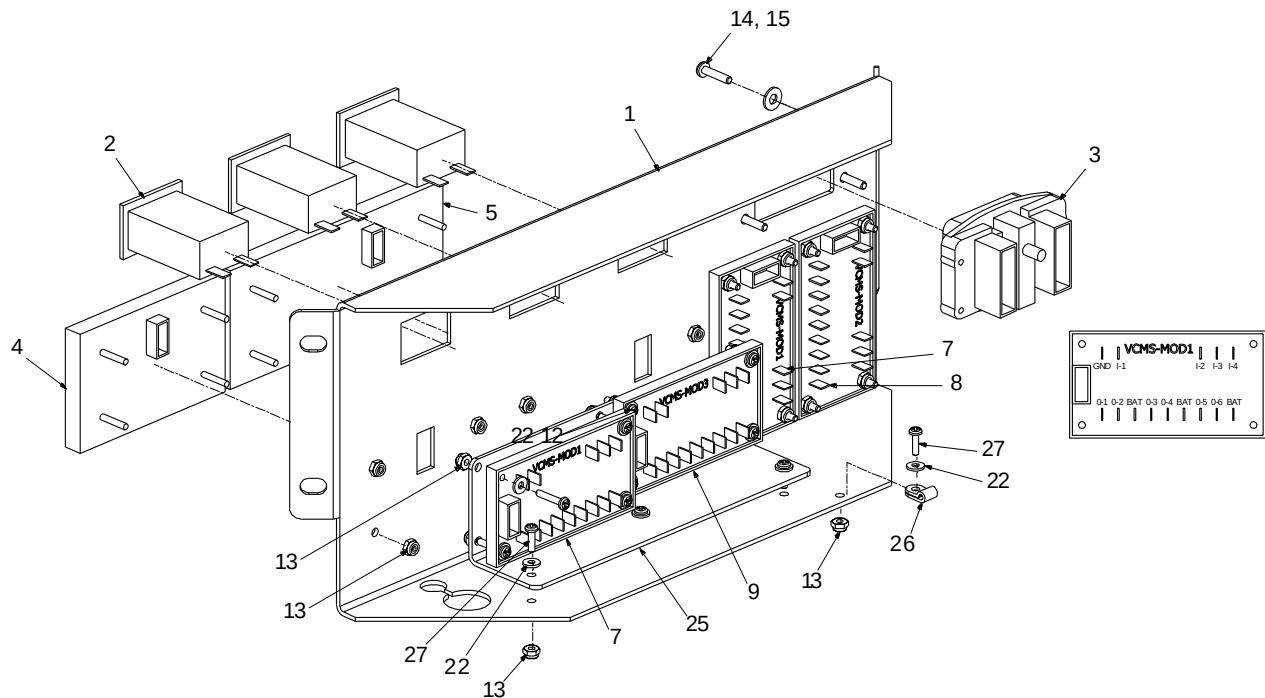
99905113 COMPLETE PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY.
1	60136415	PANEL-ELECTRICAL CONTROL DOM 3&4 (S3)	1
2	70733496	METER-HOUR DATCON PUSH LOCK MOUNTING	3
3	77441445	HARNESS-DOM 3-4 S3 POWER PANEL	1
4	77041872	SWITCH PANEL-DOM S3 8 POSITION (MASTER)	1
5	77041873	SWITCH PANEL-DOM S3 12 POSITION	1
6	77041878	SWITCH PANEL-DOM S3 8 POSITION (SLAVE)	1
7	77041874	POWER MODULE-DOM S3 MODULE 1	2
8	77041875	POWER MODULE-DOM S3 MODULE 2	2
9	77041877	POWER MODULE-DOM S3 MODULE 3A	1
10	60136431	BRACKET - AUX SWITCH PANEL	1
11	60136430	BRACKET - AUX POWER MODULE	1
12	72601704	SCR-MACH # 6-32X .75 RDH	20
13	72601726	NUT 6-32 HEX NYLOCK	36
14	72060612	SCR-MACH # 8-32X .75 RDH	4
15	72063181	WASHER-FLAT #10 WRT TYPE 304SS	4
16	72060002	CAP SCR .25-20X .75 HH GR5 Z	4
17	72063001	WASHER .25 FLAT	6
18	76392820	WASHER-BONDED PLTD .25	2
19	72062104	NUT .25-20 HEX NYLOCK	4
20	72060021	CAP SCR .31-18X .50 HH GR5 Z	4

99905113 COMPLETE PARTS LIST			
ITEM	PART NO.	DESCRIPTION	QTY.
21	72063050	WASHER .31 LOCK	4
22	72601705	WASHER #6 W FLAT ANSI B27.2	24
23	77040389	TERM-FSLPON I .25FLAG 16-14 GA	6
24	70399115	DECAL-ELEC PANEL DOM 3-4 SIII	1
25	60251677	ANGLE-AL .10X2.38X2.00X 8.25	1
26	72661724	CLAMP-NYLON .12 CABLE	1
27	72601725	SCR-MACH # 6-32 .50 RDH PHLPS	4
REV. C 20160616			

Electrical Panel, Dominator III-IV (99905113) (Effective 7/24/14)



**NOTE:**

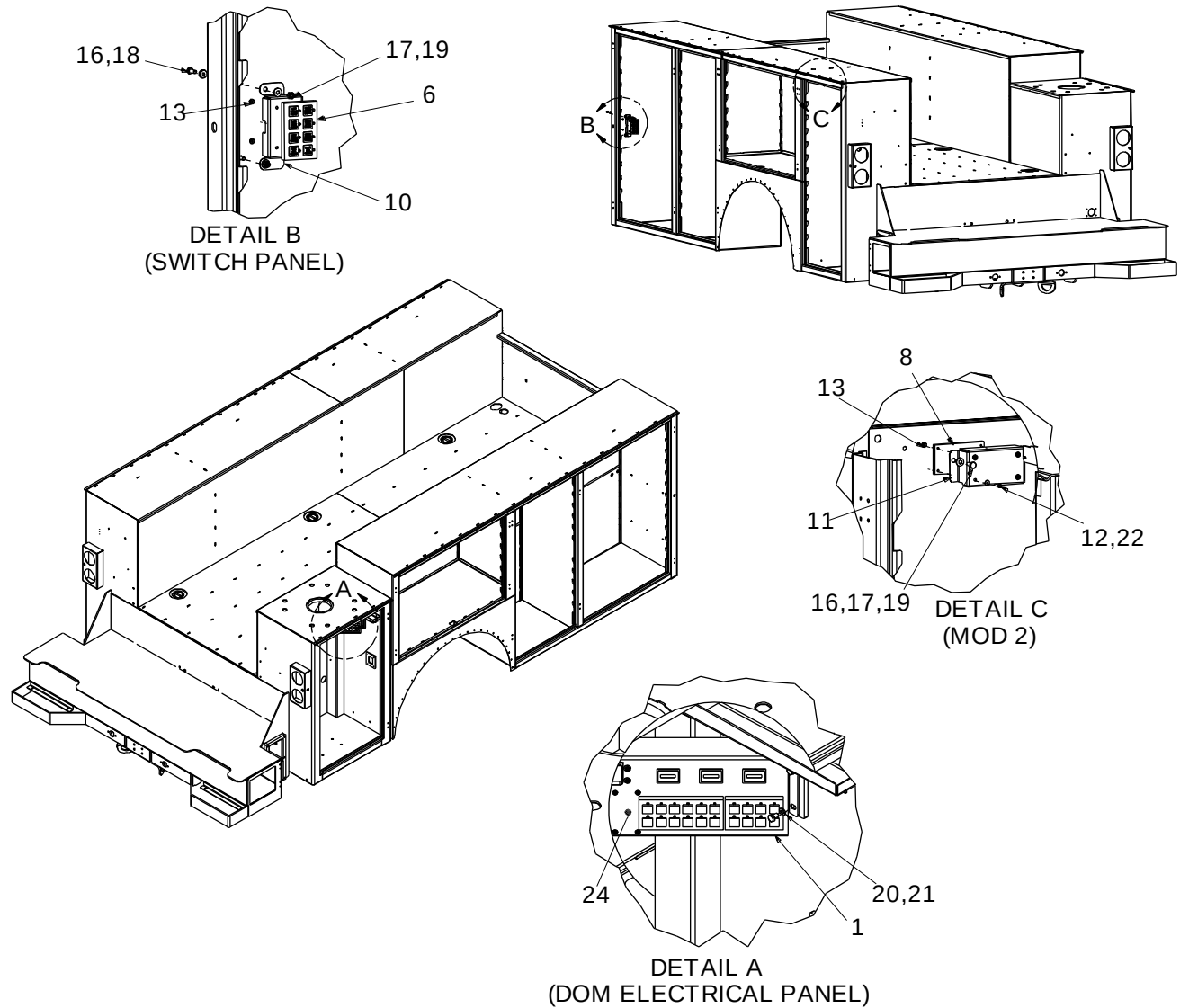
1 COVER ANY OPEN BATTERY TERMINALS ON POWER MODULES WITH 77040389 FLAG.

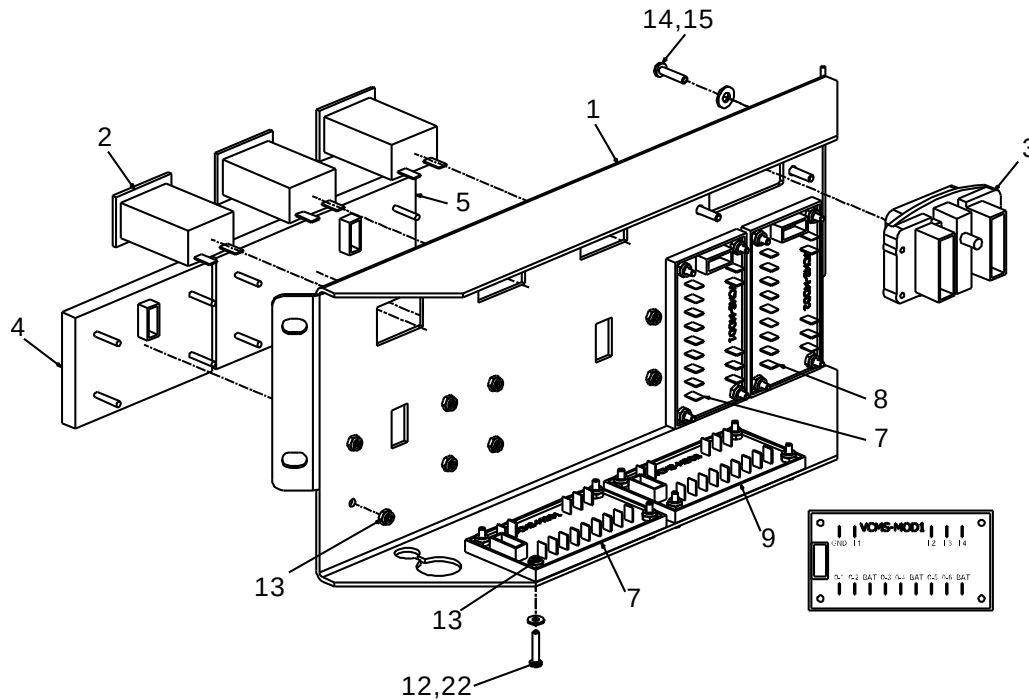
99905113 ELECTRICAL PANEL PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	60136415	ELECTRICAL CONTROL PANEL		1
2.	70733496	HOURLMETER		3
3.	77441445	HARNESS-POWER PANEL		1
4.	77041872	SWITCH PANEL-MASTER	8 POSITION	1
5.	77041873	SWITCH PANEL	12 POSITION	1
6.	77041878	SWITCH PANEL	8 POSITION SLAVE	1
7.	77041874	POWER MODULE	MODULE 1	2
8.	77041875	POWER MODULE	MODULE 2	2
9.	77041877	POWER MODULE	MODULE 3A	1
10.	60136431	BRACKET		1
11.	60136430	BRACKET		1
12.	72601704	SCREW-MACHINERY	#6-32 X .75 RDH	20
13.	72601726	NUT	6-32 HEX NYLOCK	32
14.	72060612	SCREW-MACHINERY	#8-32 X .75 RDH	4
15.	72063181	WASHER-FLAT	#10 WRT TYPE 304SS	4
16.	72060002	CAP SCR .25-20X .75 HH GR5Z	.25-20 X .75 HHGR5Z	4
17.	72063001	WASHER	.25 FLAT	6
18.	76392820	WASHER-BONDED PLATED	.25	2
19.	72062104	NUT	.25-20 HEX NYLOCK	4
20.	72060021	CAP SCREW	.31-18 X .50 HHGR5Z	4
21.	72063050	WASHER	.31 LOCK	4
22.	72601705	WASHER	#6 FLAT ANSI B27.2	24
23.	77040389	TERMINAL	FSLPON I .25 FLAT 16-14 GA	6

99905113 ELECTRICAL PANEL PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
24.	70399115	DECAL-ELECTRICAL PANEL	DOM 3-4 SIII	1
25.	60251677	ANGLE	.10X2.38X2.00X8.25	1
26.	72661724	CLAMP	NYLON .12 CABLE	1
27.	72601725	SCREW-MACHINERY	#6-32 ROUND HEAD PHILIPS	4
REV B 20140423				

Electrical Panel, Dominator III-IV (99905113) (Through 7/24/14)



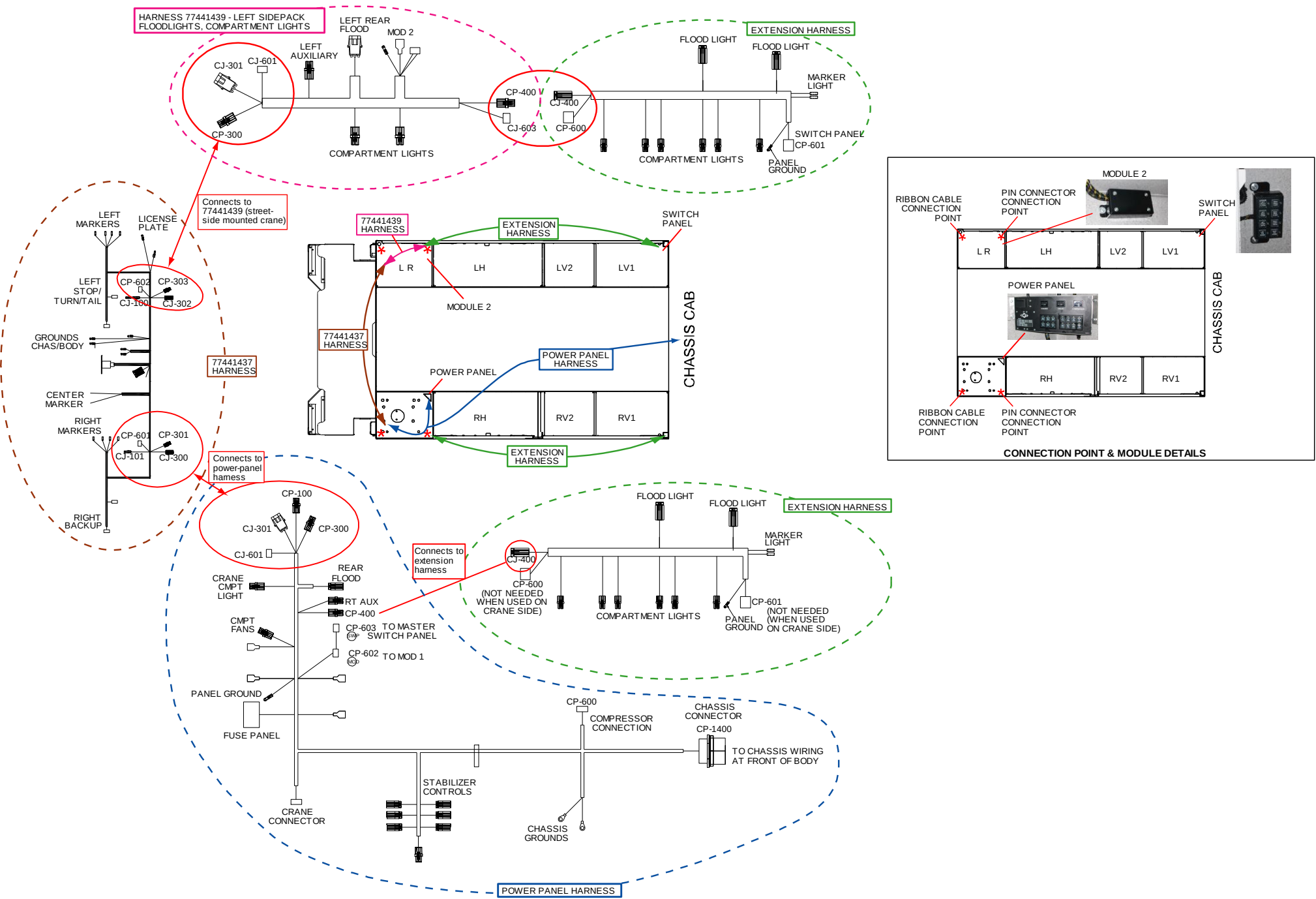
**NOTE:**

1 COVER ANY OPEN BATTERY TERMINALS ON POWER MODULES WITH 77040389 FLAG.

99905113 ELECTRICAL PANEL PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	60136415	ELECTRICAL CONTROL PANEL		1
2.	70733496	HOURLMETER		3
3.	77441445	HARNESS-POWER PANEL		1
4.	77041872	SWITCH PANEL-MASTER	8 POSITION	1
5.	77041873	SWITCH PANEL	12 POSITION	1
6.	77041878	SWITCH PANEL	8 POSITION SLAVE	1
7.	77041874	POWER MODULE	MODULE 1	2
8.	77041875	POWER MODULE	MODULE 2	2
9.	77041877	POWER MODULE	MODULE 3A	1
10.	60136431	BRACKET		1
11.	60136430	BRACKET		1
12.	72601704	SCREW-MACHINERY	#6-32 X .75 RDH	20
13.	72601726	NUT	6-32 HEX NYLOCK	32
14.	72060612	SCREW-MACHINERY	#8-32 X .75 RDH	4
15.	72063181	WASHER-FLAT	#10 WRT TYPE 304SS	4
16.	72060002	CAP SCR .25-20X .75 HH GR5Z	.25-20 X .75 HHGR5Z	4
17.	72063001	WASHER	.25 FLAT	6
18.	76392820	WASHER-BONDED PLATED	.25	2
19.	72062104	NUT	.25-20 HEX NYLOCK	4
20.	72060021	CAP SCREW	.31-18 X .50 HHGR5Z	4
21.	72063050	WASHER	.31 LOCK	4
22.	72601705	WASHER	#6 FLAT ANSI B27.2	20
23.	77040389	TERMINAL	FSLPON I .25 FLAT 16-14 GA	6
24.	70399115	DECAL-ELECTRICAL PANEL		1
REV A 20110920				

Wiring Installation (99905415)

HARNESS ROUTINGS & CONNECTION POINTS

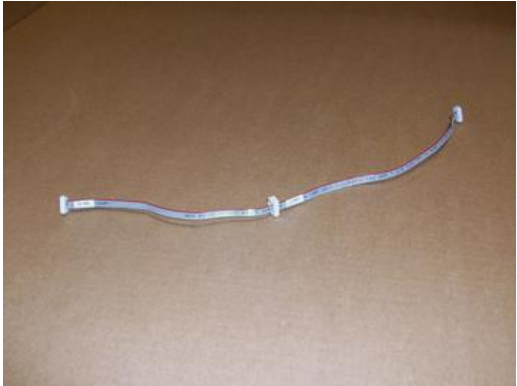


PANEL RIBBON CABLE INSTALLATION

POWER PANEL

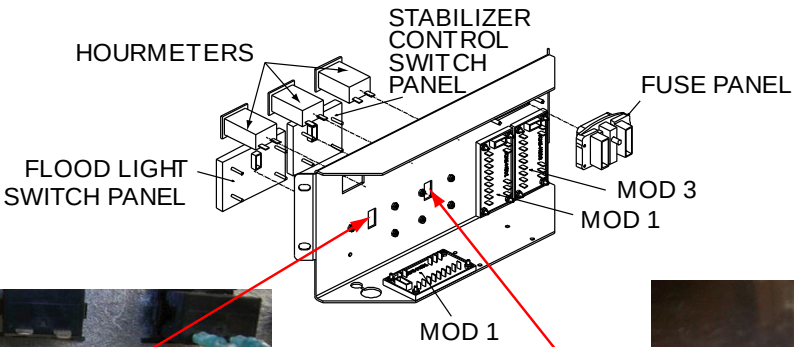


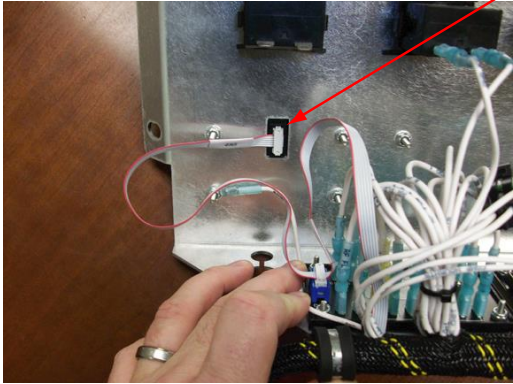
FRONT VIEW (Dom I-II Panel)



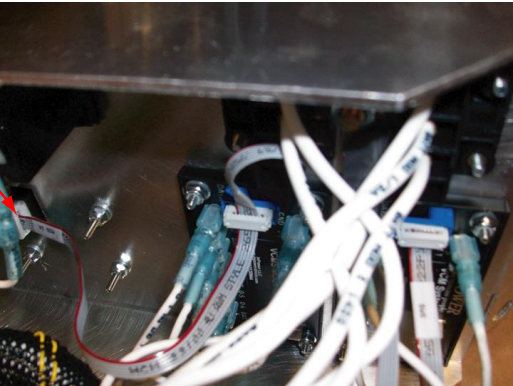
Loose stabilizer ribbon cable (where applicable)
(77441465 - Dom I- II)
(77441466 - Dom III- IV)

Diagram labels: HOURMETERS, FLOOD LIGHT SWITCH PANEL, STABILIZER CONTROL SWITCH PANEL, FUSE PANEL, MOD 3, MOD 1.



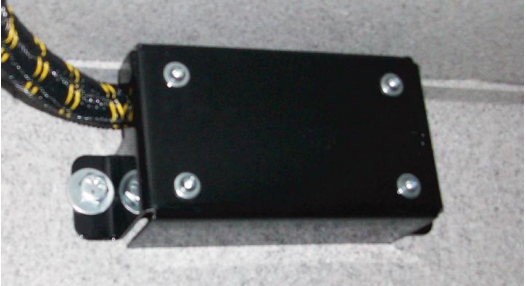


Installed light ribbon cable
The ribbon cable on the extension harness is part of the harness.
Light ribbon cable connects between switch panel, Mod 1, and the harness.

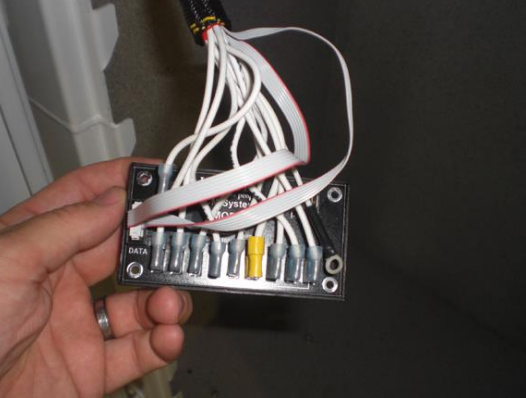


Installed stabilizer ribbon cable on Dom I-II.
The ribbon cable for the stabilizers is loose.
On Dom I-II, the stabilizer ribbon connects between the stabilizer switch panel, Mod 1 and Mod 3.
On Dom III-IV, the stabilizer ribbon connects between the stabilizer switch panel, Mod 1, Mod 2 and Mod 3.

NOTE: Views shown are for Dominator I-II. Dominator III-IV have power-out stabilizers and an additional stabilizer module, so there is additional wiring.



Installed Mod 2



Installed ribbon cable to Mod 2
(Located in the rear compartment on the non-crane side)

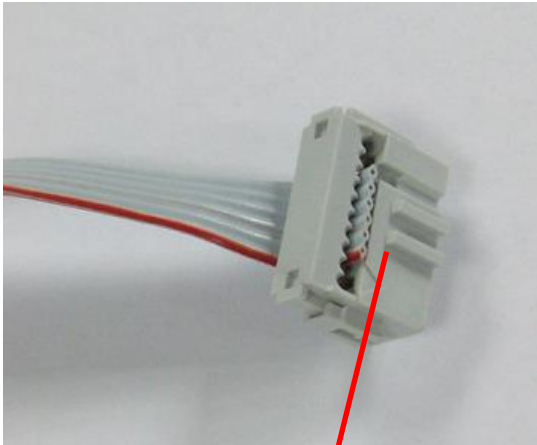
- NOTES:**
- 1 The connection numbers define the type of connection. 100 series (i.e. C-101) means a 1-pin connector; 300 series (i.e. CP-301) means a 3-pin connector. 600-series (CJ-601) are the 6-pin ribbon cable connectors.
 - 2 Ribbon cables connect to a module, or to each other at the front of the compartment. Pin connectors connect along the back of the compartment.
 - 3 Connection points are defined for standard right-hand crane mount. Connection points will be reversed with left-hand crane mount.
 - 4 See graphics for pin connection and ribbon cable connection points.
 - 5 See specific harness drawings for complete details on electrical connections and wire markings.

Harness to Harness Connection Chart (Effective 02/01/16)				
Harness	Connects To	Location of Connection	Connection Points	
			77441514 Harness	Power Panel Harness
77441514 - Rear Harness (Tail Lights, Marker Lights)	Power Harness (77441610 -Dom I-II) (77441517-Dom III-IV)	Crane Compartment	CJ – 101	CP - 100
			CJ – 300	CP - 300
			CP – 301	CJ - 301
			CP – 601	CJ - 601
			Power Panel Harness	Extension Harness
Power Panel Harness (77441610 Dom I-II) (77441517 – Dom III-IV)	Extension harness to front marker, flood lights: 77441611 – 9' 77441612 – 11' 77441613 – 13' & 14' 77441614 – 19'	Front of Crane compartments	CP – 400	CJ - 400
			Not used when connecting to extension harness.	CP - 600
			77441514 Harness	77441609 Harness
77441514 Rear Harness (Tail Lights, Marker Lights)	77441609 - Left Sidepack (Left side flood lights, compartment lights.	Compartment opposite crane compartment.	CJ – 100	Not used when connecting to 77441609 harness
			CJ – 302	CP - 300
			CP – 303	CJ - 301
			CP – 602	CJ - 601
			77441609 Harness	Extension Harness
77441609 – Left Sidepack	Extension harness to front marker, flood lights 77441611 – 9' 77441612 – 11' 77441613 – 13' & 14' 77441614 – 19'	Front of compartment opposite crane compartment	CP – 400	CJ- 400
			CJ – 603	CP - 600

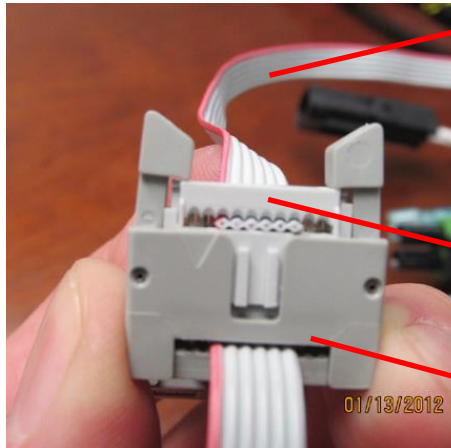
Harness to Harness Connection Chart (From: 04/24/13 To: 01/29/16)				
Harness	Connects To	Location of Connection	Connection Points	
			77441514 Harness	Power Panel Harness
77441514 - Rear Harness (Tail Lights, Marker Lights)	Power Harness (77441516 -Dom I-II) (77441517-Dom III-IV)	Crane Compartment	CJ – 101	CP - 100
			CJ – 300	CP - 300
			CP – 301	CJ - 301
			CP – 601	CJ - 601
			Power Panel Harness	Extension Harness
Power Panel Harness (77441516 Dom I-II) (77441517 – Dom III-IV)	Extension harness to front marker, flood lights: 77441618 – 9' 77441619 – 11' 77441520 – 13' & 14' 77441521 – 19'	Front of Crane compartments	CP – 400	CJ - 400
			Not used when connecting to extension harness.	CP - 600
			77441514 Harness	77441515 Harness
77441514 Rear Harness (Tail Lights, Marker Lights)	77441515 - Left Sidepack (Left side flood lights, compartment lights.	Compartment opposite crane compartment.	CJ – 100	Not used when connecting to 77441515 harness
			CJ – 302	CP - 300
			CP – 303	CJ - 301
			CP – 602	CJ - 601
			77441515 Harness	Extension Harness
77441515 – Left Sidepack	Extension harness to front marker, flood lights 77441618 – 9' 77441619 – 11' 77441620 – 13' & 14' 77441621 – 19'	Front of compartment opposite crane compartment	CP – 400	CJ- 400
			CJ – 603	CP - 600

Harness to Harness Connection Chart Through 04/23/13				
Harness	Connects to	Location of Connection	Connection Points	
			77441437 Harness	Power Panel Harness
77441437-Rear Harness (Tail lights, Marker lights)	Power Panel Harness (77441438 - Dom I - II) (77441445 - Dom III-IV)	Crane compartment	CJ-101	CP-100
			CJ-300	CP-300
			CP-301	CJ-301
			CP-601	CJ-601
			Power Panel Harness	Extension Harness
Power Panel Harness (77441438 - Dom I - II) (77441445 - Dom III-IV)	Extension harness to front marker, flood lights (77441440 - 9') (77441441 - 11') (77441442 - 13' & 14') (77441443 - 19')	Front of crane compartment	CP-400	CJ-400
			Not used when connecting to extension harness	CP-600
			77441437 Harness	77441439 Harness
77441437-Rear Harness (Tail lights, Marker lights)	77441439-Left Sidepack (Left side flood lights, compartment lights)	Compartment opposite crane compartment	CJ-100	Not used when connecting to 77441439 harness
			CJ-302	CP-300
			CP-303	CJ-301
			CP-602	CJ-601
			77441439 Harness	Extension Harness
77441439-Left Sidepack	Extension harness to front marker, flood lights (77441440 - 9') (77441441 - 11') (77441442 - 13' & 14') (77441443 - 19')	Front of compartment opposite crane compartment	CP-400	CJ-400
			CJ-603	CP-600

Ribbon Cable Replacement Parts (99905415-2)



77441494



77441493

77441494

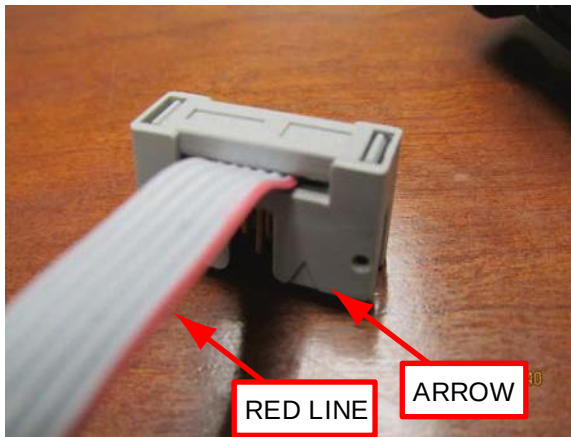
77441495

RIBBON CABLE REPLACEMENT PARTS	
77441493	CABLE-RIBBON 6-PIN
77441494	CONNECTOR-RIBBON (FEM)
77441495	PLUG-RIBBON CABLE (2 PC MALE)

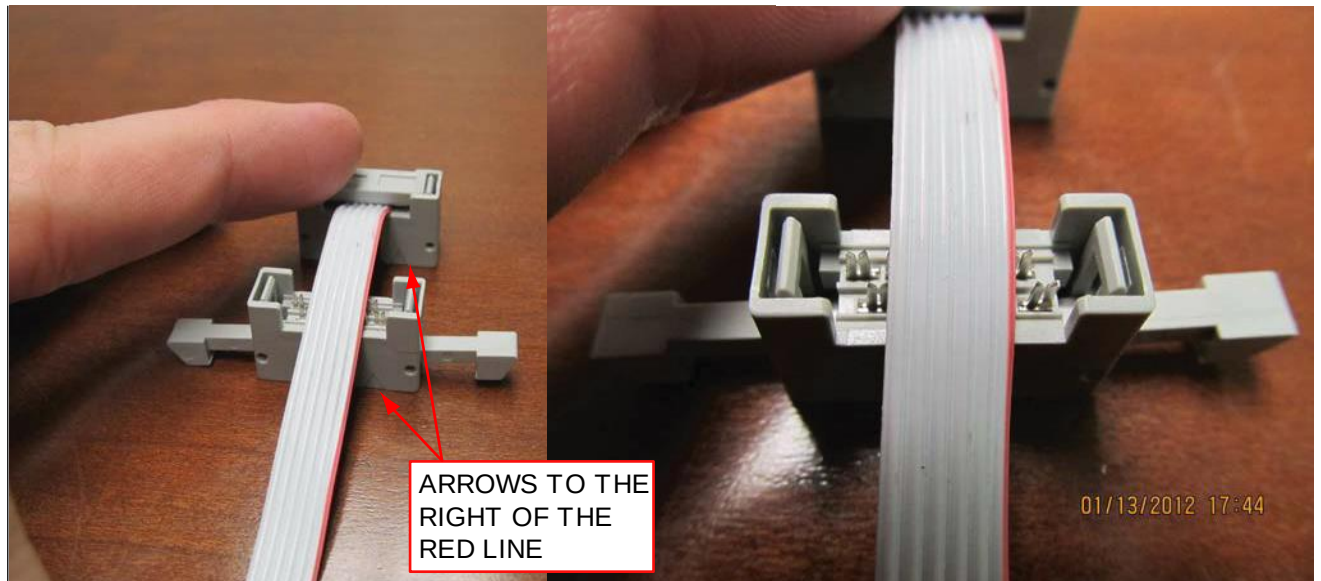
Ribbon Cable Connection Replacement Instructions

To replace the connection on a ribbon cable assembly:

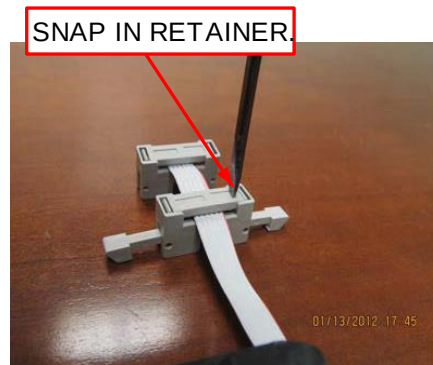
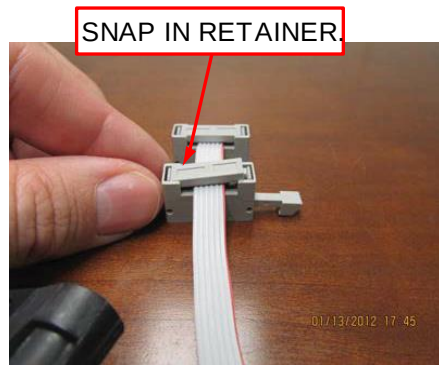
- 1 Identify the connection which requires replacement. Position the connection such that the red line and arrow are both on the right side.



- 2 Place the new ribbon cable plug (77441495) approximately 1" from the inside edge of the connection to be replaced. Center the ribbon cable in the plug. Keep the arrow on the same side of the red line as the original connection.



- 3 Install the new retainer into the plug as shown. Lock one side into the plug by hand, then press in the other side until it clicks into place. Snap the retainer into place to hold the plug and connector together. Cut off the original connection assembly and ribbon close to the new connection point.



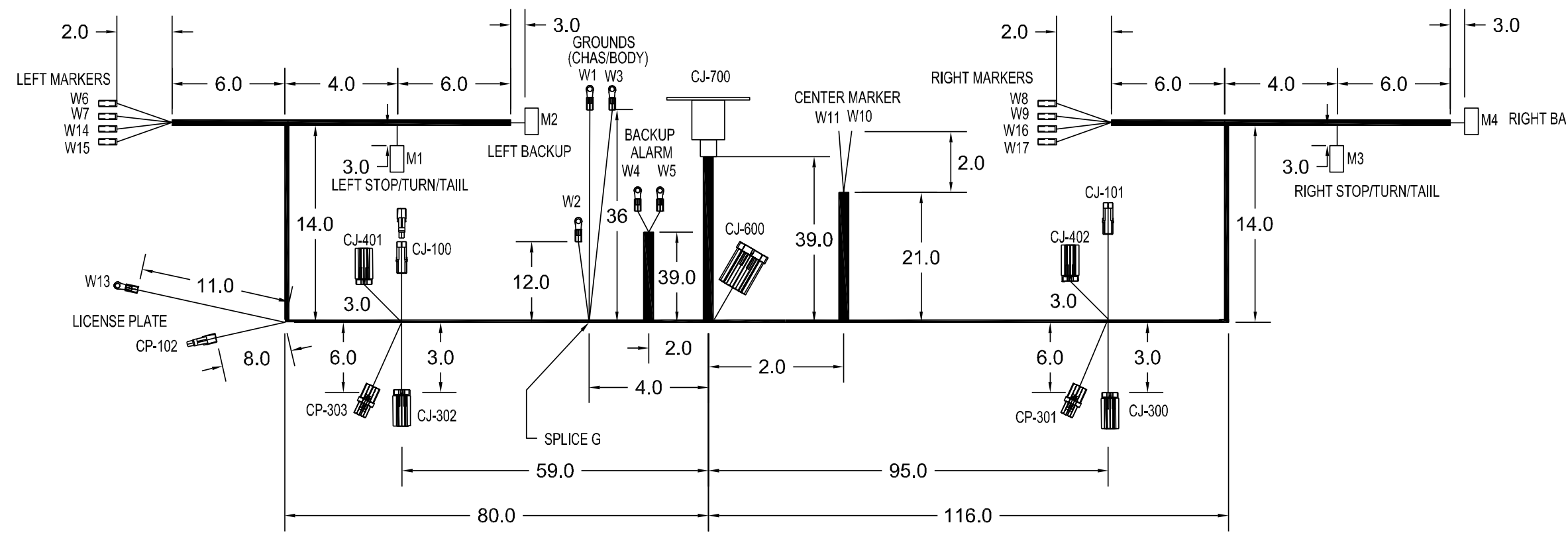
AFTER INSTALLING NEW CONNECTION, CUT OFF ORIGINAL CONNECTION AT END OF CABLE.

Dominator Electrical Troubleshooting

LIGHTING & AUXILIARY FUNCTIONS		
TROUBLESHOOTING STEPS	DESIRED RESULT	RESOLUTION
1) Verify that the vehicle ignition and e-brake are both ON.	Blue backlight for the lighting functions on the Dominator switch panel should be lit.	If blue backlight does not light, there is not operational power to the switch panel.
2) Press any light function on the Dominator switch panel.	If light function is getting a signal, a red LED should light above the switch.	If red LED does not light, check the fuses in the fuse panel at the front of the switch panel. Replace if required.
3) Move around the body, checking the ribbon cable between the braid	Unplug the ribbon cable connectors to isolate the faulty harness.	Connect if disconnected.
		Replace if pinched.

LIGHTING & AUXILIARY FUNCTIONS		
TROUBLESHOOTING STEPS	DESIRED RESULT	RESOLUTION
and the connector at each connection point. A fault at any point in the ribbon cable connection will cause the blue power panel backlight to turn off. Checking each ribbon cable connection will isolate the harness with the fault. Check the ribbon connections in the following order: A) Right rear sidepack - connection in the back corner between the 77441437 DOT harness and power panel harness. B) Left rear sidepack - connection in the back corner between 77441437 DOT harness and 77441439 left side harness. C) Left rear sidepack - connection in the front corner between 77441439 left side harness and the extension light harness.	If the blue backlight on the switch panel turns on once a harness is unplugged, the harness is good and the fault lies further downline from the tested harness. (Similar to a string of Christmas tree lights, where a single loose bulb can cause the entire string to go out.) Ribbon should be securely connected and not pinched. Be sure to reconnect the ribbon harness before moving to the next location.	If there is a fault in the ribbon cable on the lighting harness on the left (non-crane) side of the body, that cable can be swapped with the lighting harness on the right (crane) side of the body, as the crane side lighting harness does not use the ribbon cable signal.
4) Check the ribbon cable connection to the front switch panel, in the front left compartment.	Ribbon should be securely connected and not pinched.	Connect if disconnected. Replace if pinched.
5) Check the ribbon cable connection on the back of the power panel.	Ribbon should be securely connected and not pinched.	Connect if disconnected. Replace if pinched.
6) Test the modules in the panel, in the right rear compartment, and at the switch panel.	Replace any faulty module(s).	Contact IMT Technical Support for further assistance if the troubleshooting steps do not resolve the problem.
STABILIZER FUNCTIONS		
TROUBLESHOOTING STEPS	DESIRED RESULT	RESOLUTION
1) Verify that the vehicle ignition is ON; the e-brake is set; and the PTO is engaged.	Blue backlight for both the lighting functions and the stabilizer functions on the Dominator switch panel should be lit.	If neither blue backlight is lit, check the operational power to the switch as described above.
2) If blue backlight is lit for the lighting functions only, there may be a problem with the stabilizer modules on the switch panel. Remove the Dominator switch panel for further troubleshooting.	Check for secure connections on the stabilizer ribbon cable.	Secure connections if loose. Replace if pinched or damaged.
	Check the white PTO ground wire plugged into the vertical Mod 1 unit.	Secure connections if loose.
	Check the I-1 wire (white) on the vertical Mod 1 unit.	Secure connections if loose. If connections are secure, check for a 12v signal to the I-1 wire.
		If there is a 12v signal, replace the Mod 1 unit. Contact IMT Technical Support for further assistance if the troubleshooting steps do not resolve the problem.

HARNESS S/T/T (77441598)



NOTES:

- 1. UNLESS OTHERWISE NOTED, BRAIDING STOPS 4" FROM BACK OF CONNECTOR.
- 2. ALL WIRE TO BE GXL.
- 3. ORIENT CONNECTOR AS SHOWN.

PROTECTIVE LOOM DETAILS:
HIGH TEMPERATURE RESISTANT VINYL COATED YARN
PHYSICAL PROPERTIES:
MOISTURE AND WEATHER RESISTANT
FIRE AND OIL RESISTANT
HIGH ABRASION RESISTANT (SEE SAE 20:20.106 J562)
TEMPERATURE RESISTANT FROM +280° TO -65°F
YARN COLOR TO BE BLACK WITH YELLOW STRIPING
YARN SHOULD BE BRAIDED WITH WEAVE TIGHTNESS OF 12 PICKS PER INCH.

77441598-2

LOCATOR CODE: M1			TRUCK LITE: 94841 OR EQUIV.			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	GND	TO	SPL G	-
-	BRN	16	TAIL	TO	SPL M	-
-	YEL	16	LEFT TURN	TO	SPL L	-

LOCATOR CODE: M2			TRUCK LITE: 94993 OR EQUIV.			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	GND	TO	SPL G	-
-	BLU	16	L BACKUP	TO	SPL B	-

LOCATOR CODE: M3			TRUCK LITE: 94841 OR EQUIV.			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	GND	TO	SPL G	-
-	BRN	16	TAIL	TO	SPL M	-
-	GRN	16	RIGHT TURN	TO	SPL R	-

LOCATOR CODE: M4			TRUCK LITE: 94993 OR EQUIV.			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	GND	TO	SPL G	-
-	BLU	16	R BACKUP	TO	SPL B	-

LOCATOR CODE: W1			RING TERM .38 STUD 8 GA. -WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	8	CHASSIS GND	TO	SPL G	-

LOCATOR CODE: W2			RING TERM .38 STUD 8 GA. -WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	8	BODY GND	TO	SPL G	-

LOCATOR CODE: W3			RING TERM .38 STUD 12 GA. -WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	12	GND	TO	CJ-700	1

LOCATOR CODE: W4			RING TERM .19 STUD 16 GA. -WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BLU	16	BACKUP ALARM	TO	SPL B	-

LOCATOR CODE: W5			RING TERM .19 STUD 16 GA. -WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	BACKUP GND	TO	SPL G	-

LOCATOR CODE: W6			.180 FEMALE BULLET - WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	16	L MARKER	TO	SPL M	-

LOCATOR CODE: W7			.180 FEMALE BULLET - WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	L MARKER GND	TO	SPL G	-

LOCATOR CODE: W8			.180 FEMALE BULLET - WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	16	R MARKER	TO	SPL M	-

LOCATOR CODE: W9			.180 FEMALE BULLET - WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	R MARKER GND	TO	SPL G	-

LOCATOR CODE: W10			BLUNT CUT			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	16	C MARKER	TO	SPL M	-

LOCATOR CODE: W11			BLUNT CUT			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	C MARKER GND	TO	SPL G	-

LOCATOR CODE: W13			RING TERM .19 STUD 16 GA. - WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	L PLATE GND	TO	SPL G	-

LOCATOR CODE: W14			.180 FEMALE BULLET - WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	16	L MARKER	TO	SPL M	-

LOCATOR CODE: W15			.180 FEMALE BULLET - WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	L MARKER GND	TO	SPL G	-

LOCATOR CODE: CJ-100			PACKARD: 12010996			
TERM: 12124582			SEAL: 12015323			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BLU	16	BACKUP	TO	SPL B	-

LOCATOR CODE: CJ-101			PACKARD: 12010996			
TERM: 12124582			SEAL: 12015323			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BLU	16	BACKUP	TO	SPL B	-

LOCATOR CODE: CP-102			PACKARD: 12015791			
TERM: 12124580			SEAL: 12010293			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	16	LICENSE PLATE	TO	SPL M	-

LOCATOR CODE: CJ-300			WEATHERPACK: 12010717			
TERM: 12124582/12124587			SEAL: 12010293/12015193			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	WHT	12	BATT MOD 2	TO	CJ-302	A
B	WHT	12	BATT MOD 2	TO	CJ-302	B
C	WHT	14	CMPT FAN PWR	TO	CJ-302	C

LOCATOR CODE: CP-301			WEATHERPACK: 12015793			
TERM: 12124580/12124581			SEAL: 12010293 / 12015193 / 12015323			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	WHT	16	CRN CMPT LT	TO	CP-303	A
B	BRN	14	MARKER	TO	SPL M	-
C	WHT	12	GND	TO	SPL G	-

LOCATOR CODE: W16			.180 FEMALE BULLET - WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	16	R MARKER	TO	SPL M	-

LOCATOR CODE: W17			.180 FEMALE BULLET - WITH SHRINK			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	R MARKER GND	TO	SPL G	-

LOCATOR CODE: CJ-302			WEATHERPACK: 12010717			
TERM: 12124582/12124587			SEAL: 12010293/12015193			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	WHT	12	BATT MOD 2	TO	CJ-300	A
B	WHT	12	BATT MOD 2	TO	CJ-300	B
C	WHT	14	CMPT FAN PWR	TO	CJ-300	C

LOCATOR CODE: CP-303			WEATHERPACK: 12015793			
TERM: 12124580/12124581			SEAL: 12010293 / 12015193 / 12015323			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	WHT	16	CRN CMPT LT	TO	CP-301	A
B	BRN	14	MARKER	TO	SPL M	-
C	WHT	12	GND	TO	SPL G	-

LOCATOR CODE: CJ-600			WEATHERPACK: 12010975			
TERM: 12124582/12014587			SEAL: 12010293 / 12015193			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	BRN	12	TAIL	TO	SPL M	-
B	YEL	14	L TURN	TO	SPL L	-
C	BLU	14	BACKUP	TO	SPL B	-
D	GRN	14	R TURN	TO	SPL R	-
E	RED	12	STOP	TO	CJ-700	4
F	BLU	12	AUX	TO	CJ-700	7

LOCATOR CODE: CJ-401			WEATHERPACK: 12015024			
TERM: 12089040			SEAL: 12089679			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	RED	20	WIRE #4	TO	CJ-402	A
B	BLUE	20	WIRE #5	TO	CJ-402	B
C	GRN	20	WIRE #6	TO	CJ-402	C
D	YEL	20	WIRE #8	TO	CJ-402	D

LOCATOR CODE: CJ-402			WEATHERPACK: 12015024			
TERM: 12089040			SEAL: 12089679			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	RED	20	WIRE #4	TO	CJ-401	A
B	BLUE	20	WIRE #5	TO	CJ-401	B
C	GRN	20	WIRE #6	TO	CJ-401	C
D	YEL	20	WIRE #8	TO	CJ-401	D

77441598-3

LOCATOR CODE: CJ-700			POLLAK:12-707E			
TERM:			SEAL: RTV 200-257			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
1	WHT	12	GND	TO	W3	-
2	BLK	12	MARKER	TO	SPL M	-
3	YEL	14	L TURN	TO	SPL L	-
4	RED	12	STOP	TO	CJ-600	E
5	GRN	14	R TURN	TO	SPL R	-
6	BRN	12	TAIL	TO	SPL M	-
7	BLU	12	AUX	TO	CJ-600	F

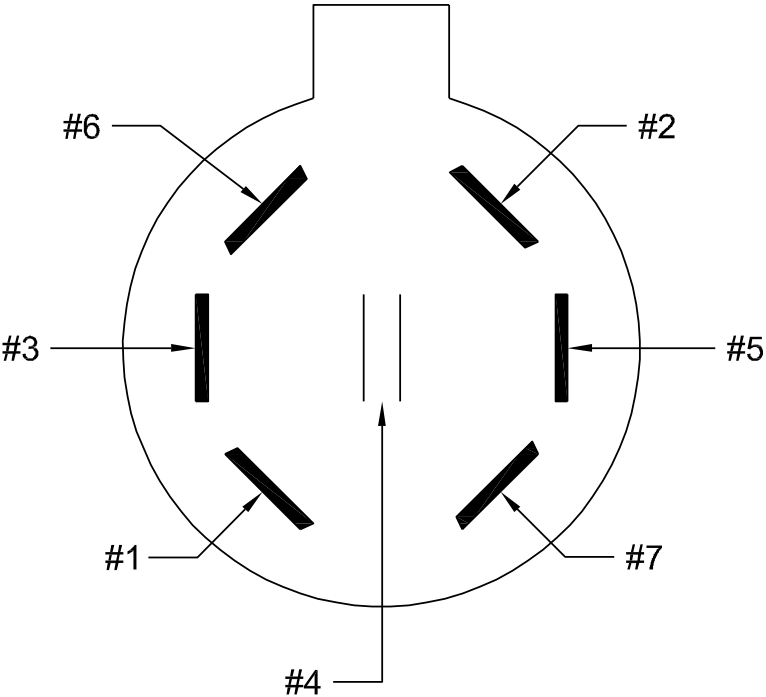
LOCATOR CODE: -			SPLICE B			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BLU	14	BACKUP	TO	CJ-600	C
-	BLU	16	BACKUP ALARM	TO	W4	-
-	BLU	16	BACKUP	TO	CJ-100	A
-	BLU	16	BACKUP	TO	CJ-101	A
-	BLU	16	L BACKUP	TO	M2	-
-	BLU	16	R BACKUP	TO	M4	-

LOCATOR CODE: -			SPLICE G			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	8	CHASSIS GND	TO	W1	-
-	WHT	8	BODY GND	TO	W2	-
-	WHT	12	GND	TO	CP-301	C
-	WHT	12	GND	TO	CP-303	C
-	WHT	16	BACKUP GND	TO	W5	-
-	WHT	16	L MARKER GND	TO	W7	-
-	WHT	16	R MARKER GND	TO	W9	-
-	WHT	16	C MARKER GND	TO	W11	-
-	WHT	16	L PLATE GND	TO	W13	-
-	WHT	16	L MARKER GND	TO	W15	-
-	WHT	16	R MARKER GND	TO	W17	-
-	WHT	16	GND	TO	M1	-
-	WHT	16	GND	TO	M2	-
-	WHT	16	GND	TO	M3	-
-	WHT	16	GND	TO	M4	-

LOCATOR CODE: -			SPLICE L			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	YEL	14	L TURN	TO	CJ-600	B
-	YEL	14	L TURN	TO	CJ-700	3
-	YEL	16	L TURN	TO	M1	-

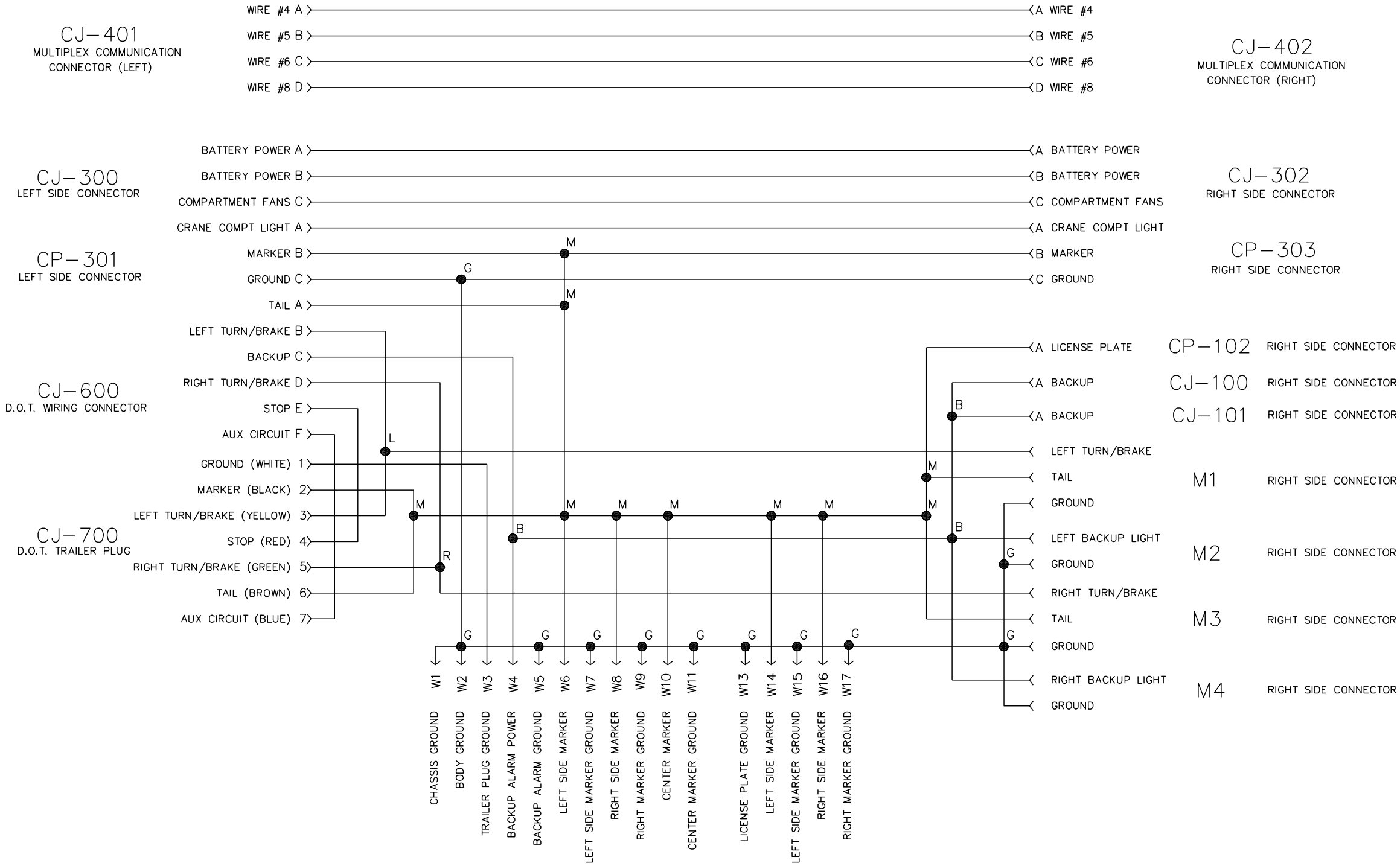
LOCATOR CODE: -			SPLICE M			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	12	TAIL	TO	CJ-600	A
-	BLK	12	MARKER	TO	CJ-700	2
-	BRN	12	TAIL	TO	CJ-700	7
-	BRN	14	MARKER	TO	CP-301	B
-	BRN	14	MARKER	TO	CP-303	B
-	BRN	16	L MARKER	TO	W6	-
-	BRN	16	R MARKER	TO	W8	-
-	BRN	16	C MARKER	TO	W10	-
-	BRN	16	LICENSE PLATE	TO	CP-102	A
-	BRN	16	TAIL	TO	M1	-
-	BRN	16	L MARKER	TO	W14	-
-	BRN	16	TAIL	TO	M3	-
-	BRN	16	R MARKER	TO	W16	-

LOCATOR CODE: -			SPLICE R			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	GRN	14	R TURN	TO	CJ-600	D
-	GRN	14	R TURN	TO	CJ-700	6
-	GRN	16	R TURN	TO	M3	-

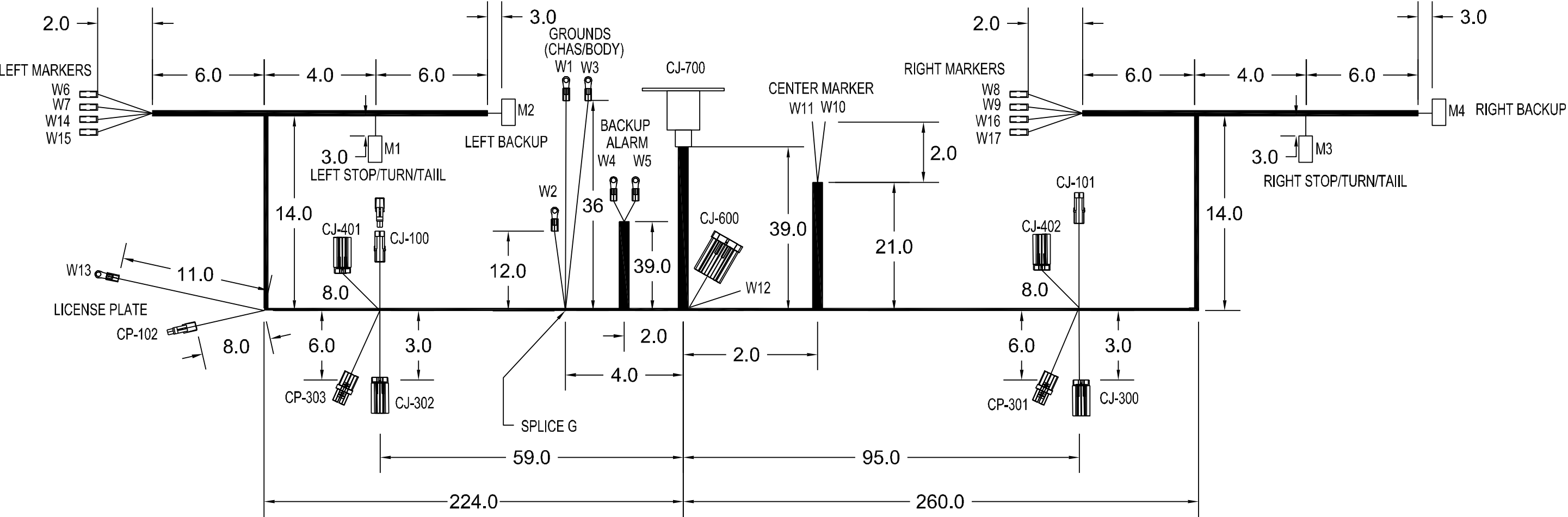


MATING END VIEW OF CJ-700

77441598-4



Harness, S/T/T (77441647)



NOTES:

- 1. UNLESS OTHERWISE NOTED, BRAIDING STOPS 4" FROM BACK OF CONNECTOR.
- 2. ALL WIRE TO BE GXL.
- 3. ORIENT CONNECTOR AS SHOWN.

PROTECTIVE LOOM DETAILS:
HIGH TEMPERATURE RESISTANT VINYL COATED YARN
PHYSICAL PROERTIES:
MOISTURE AND WEATHER RESISTANT
FIRE AND OIL RESISTANT
HIGH ABRASION RESISTANT (SEE SAE 20:20.106 J562)
TEMPERATURE RESISTAN FROM +280° TO -65°F
YARN COLOR TO BE BLACK WITH YELLOW STRIPING
YARN SHOULD BE BRAIDED WITH WEAVE TIGHTNESS OF 12 PICKS PER INCH.

77441647-2

LOCATOR CODE: M1		TRUCK LITE: 94841 OR EQUIV.				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	GND	TO	SPL G	-
-	BRN	16	TAIL	TO	SPL M	-
-	YEL	16		TO	SPL L	-

LOCATOR CODE: M2		TRUCK LITE: 94993 OR EQUIV.				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	GND	TO	SPL G	-
-	BLU	16	L BACKUP	TO	SPL B	-

LOCATOR CODE: M3		TRUCK LITE: 94841 OR EQUIV.				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	GND	TO	SPL G	-
-	BRN	16	TAIL	TO	SPL M	-
-	GRN	16	RIGHT TURN	TO	SPL R	-

LOCATOR CODE: M4		TRUCK LITE: 94993 OR EQUIV.				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	GND	TO	SPL G	-
-	BLU	16	R BACKUP	TO	SPL B	-

LOCATOR CODE: W1		RING TERM .38 STUD 8 GA. -WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	8	CHASSIS GND	TO	SPL G	-

LOCATOR CODE: W2		RING TERM .38 STUD 8 GA. -WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	8	BODY GND	TO	SPL G	-

LOCATOR CODE: W3		RING TERM .38 STUD 12 GA. -WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	12	GND	TO	CJ-700	1

LOCATOR CODE: W4		RING TERM .19 STUD 16 GA. -WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BLU	16	BACKUP ALARM	TO	SPL B	-

LOCATOR CODE: W5		RING TERM .19 STUD 16 GA. -WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	BACKUP GND	TO	SPL G	-

LOCATOR CODE: W6		.180 FEMALE BULLET - WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	16	L MARKER	TO	SPL M	-

LOCATOR CODE: W7		.180 FEMALE BULLET - WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	L MARKER GND	TO	SPL G	-

LOCATOR CODE: W8		.180 FEMALE BULLET - WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	16	R MARKER	TO	SPL M	-

LOCATOR CODE: W9		.180 FEMALE BULLET - WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	R MARKER GND	TO	SPL G	-

LOCATOR CODE: W10		BLUNT CUT				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	16	C MARKER	TO	SPL M	-

LOCATOR CODE: W11		BLUNT CUT				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	C MARKER GND	TO	SPL G	-

LOCATOR CODE: W13		RING TERM .19 STUD 16 GA. - WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	L PLATE GND	TO	SPL G	-

LOCATOR CODE: W14		.180 FEMALE BULLET - WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	16	L MARKER	TO	SPL M	-

LOCATOR CODE: W15		.180 FEMALE BULLET - WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	L MARKER GND	TO	SPL G	-

LOCATOR CODE: W16		.180 FEMALE BULLET - WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	16	R MARKER	TO	SPL M	-

LOCATOR CODE: W17		.180 FEMALE BULLET - WITH SHRINK				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	16	R MARKER GND	TO	SPL G	-

LOCATOR CODE: CJ-100		PACKARD: 12010996				
TERM: 12124582		SEAL: 12015323				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BLU	16	BACKUP	TO	SPL B	-

LOCATOR CODE: CJ-101		PACKARD: 12010996				
TERM: 12124582		SEAL: 12015323				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BLU	16	BACKUP	TO	SPL B	-

LOCATOR CODE: CP-102		PACKARD: 12015791				
TERM: 12124580		SEAL: 12010293				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	16	LICENSE PLATE	TO	SPL M	-

LOCATOR CODE: CJ-300		WEATHERPACK: 12010717				
TERM: 12124582/12124587		SEAL: 12010293/12015193				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	WHT	12	BATT MOD 2	TO	CJ-302	A
B	WHT	12	BATT MOD 2	TO	CJ-302	B
C	WHT	14	CMPT FAN PWR	TO	CJ-302	C

LOCATOR CODE: CP-301		WEATHERPACK: 12015793				
TERM: 12124580/12124581		SEAL: 12010293 / 12015193 / 12015323				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	WHT	16	CRN CMPT LT	TO	CP-303	A
B	BRN	14	MARKER	TO	SPL M	-
C	WHT	12	GND	TO	SPL G	-

LOCATOR CODE: CJ-302		WEATHERPACK: 12010717				
TERM: 12124582/12124587		SEAL: 12010293/12015193				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	WHT	12	BATT MOD 2	TO	CJ-300	A
B	WHT	12	BATT MOD 2	TO	CJ-300	B
C	WHT	14	CMPT FAN PWR	TO	CJ-300	C

LOCATOR CODE: CP-303		WEATHERPACK: 12015793				
TERM: 12124580/12124581		SEAL: 12010293 / 12015193 / 12015323				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	WHT	16	CRN CMPT LT	TO	CP-301	A
B	BRN	14	MARKER	TO	SPL M	-
C	WHT	12	GND	TO	SPL G	-

LOCATOR CODE: CJ-600		WEATHERPACK: 12010975				
TERM: 12124582/12014587		SEAL: 12010293 / 12015193				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	BRN	12	TAIL	TO	SPL M	-
B	YEL	14	L TURN	TO	SPL L	-
C	BLU	14	BACKUP	TO	SPL B	-
D	GRN	14	R TURN	TO	SPL R	-
E	RED	12	STOP	TO	CJ-700	4
F	BLU	12	AUX	TO	CJ-700	7

LOCATOR CODE: CJ-401		WEATHERPACK: 12015024				
TERM: 12089040		SEAL: 12089679				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	RED	20	WIRE #4	TO	CJ-402	A
B	BLUE	20	WIRE #5	TO	CJ-402	B
C	GRN	20	WIRE #6	TO	CJ-402	C
D	YEL	20	WIRE #8	TO	CJ-402	D

LOCATOR CODE: CJ-402		WEATHERPACK: 12015024				
TERM: 12089040		SEAL: 12089679				
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
A	RED	20	WIRE #4	TO	CJ-401	A
B	BLUE	20	WIRE #5	TO	CJ-401	B
C	GRN	20	WIRE #6	TO	CJ-401	C
D	YEL	20	WIRE #8	TO	CJ-401	D

77441647-3

LOCATOR CODE: CJ-700			POLLAKE:12-707E			
TERM:			SEAL: RTV 200-257			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
1	WHT	12	GND	TO	W3	-
2	BLK	12	MARKER	TO	SPL M	-
3	YEL	14	L TURN	TO	SPL L	-
4	RED	12	STOP	TO	CJ-600	E
5	GRN	14	R TURN	TO	SPL R	-
6	BRN	12	TAIL	TO	SPL M	-
7	BLU	12	AUX	TO	CJ-600	F

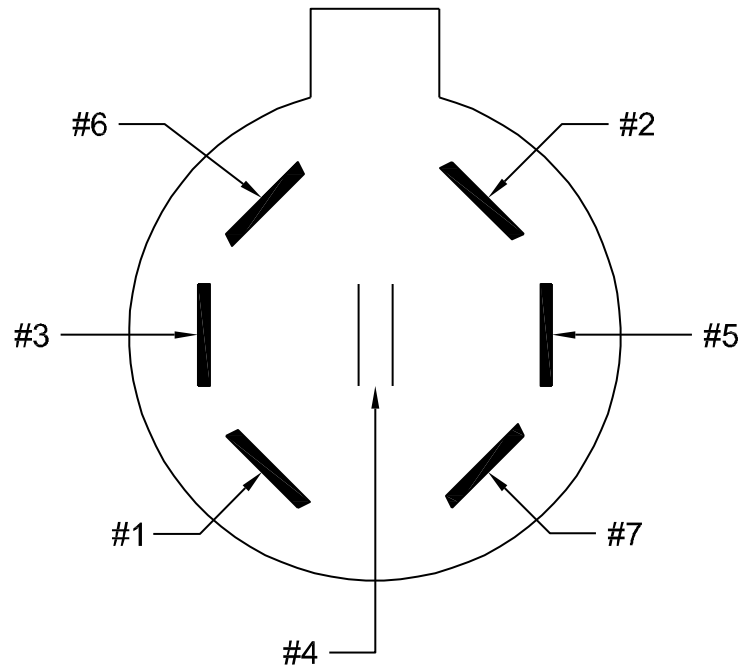
LOCATOR CODE: -			SPLICE B			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BLU	14	BACKUP	TO	CJ-600	C
-	BLU	16	BACKUP ALARM	TO	W4	-
-	BLU	16	BACKUP	TO	CJ-100	A
-	BLU	16	BACKUP	TO	CJ-101	A
-	BLU	16	L BACKUP	TO	M2	-
-	BLU	16	R BACKUP	TO	M4	-

LOCATOR CODE: -			SPLICE G			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	8	CHASSIS GND	TO	W1	-
-	WHT	8	BODY GND	TO	W2	-
-	WHT	12	GND	TO	CP-301	C
-	WHT	12	GND	TO	CP-303	C
-	WHT	16	BACKUP GND	TO	W5	-
-	WHT	16	L MARKER GND	TO	W7	-
-	WHT	16	R MARKER GND	TO	W9	-
-	WHT	16	C MARKER GND	TO	W11	-
-	WHT	16	L PLATE GND	TO	W13	-
-	WHT	16	L MARKER GND	TO	W15	-
-	WHT	16	R MARKER GND	TO	W17	-
-	WHT	16	GND	TO	M1	-
-	WHT	16	GND	TO	M2	-
-	WHT	16	GND	TO	M3	-
-	WHT	16	GND	TO	M4	-

LOCATOR CODE: -			SPLICE L			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	YEL	14	L TURN	TO	CJ-600	B
-	YEL	14	L TURN	TO	CJ-700	3
-	YEL	16	L TURN	TO	M1	-

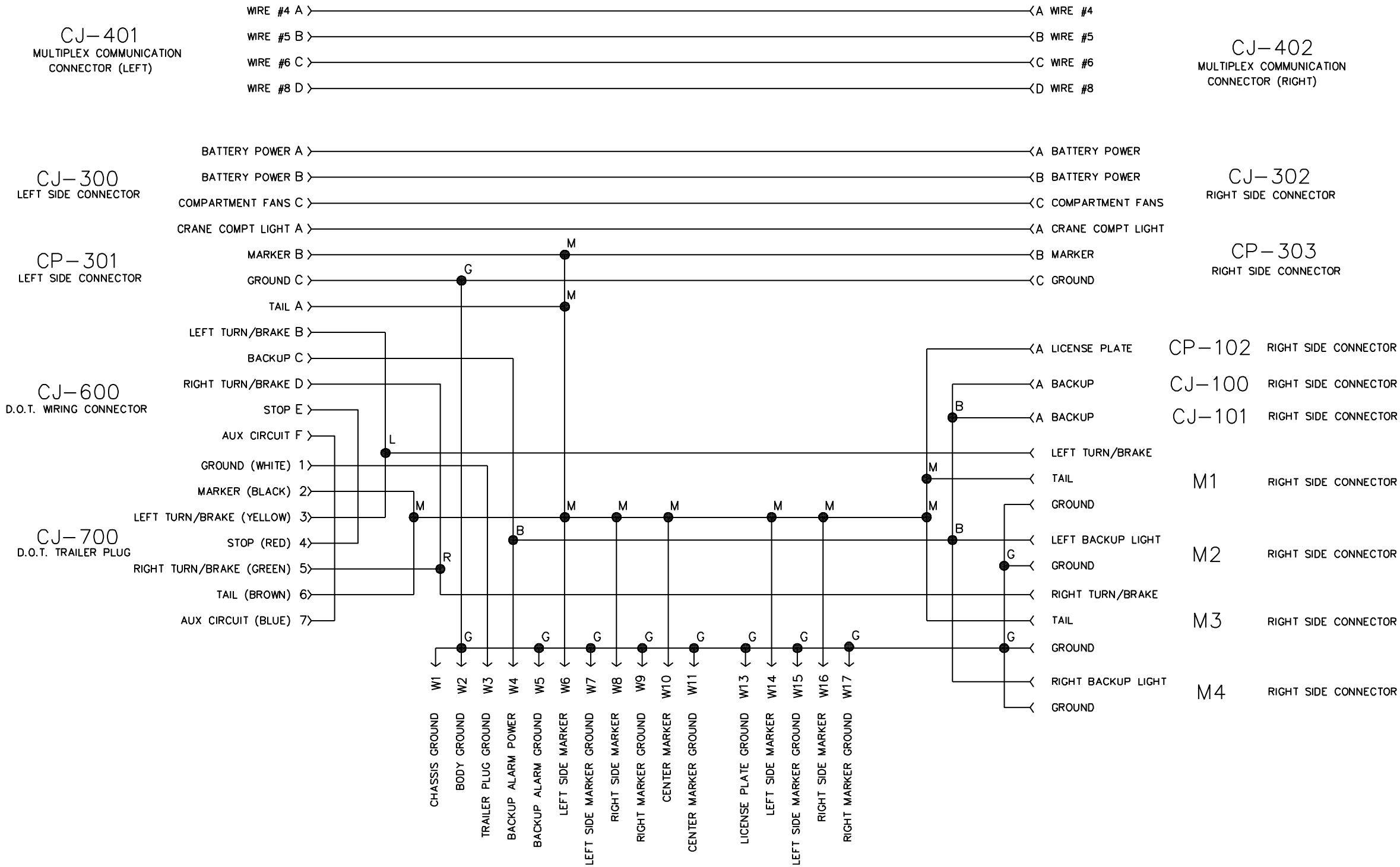
LOCATOR CODE: -			SPLICE M			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	BRN	12	TAIL	TO	CJ-600	A
-	BLK	12	MARKER	TO	CJ-700	2
-	BRN	12	TAIL	TO	CJ-700	7
-	BRN	14	MARKER	TO	CP-301	B
-	BRN	14	MARKER	TO	CP-303	B
-	BRN	16	L MARKER	TO	W6	-
-	BRN	16	R MARKER	TO	W8	-
-	BRN	16	C MARKER	TO	W10	-
-	BRN	16	LICENSE PLATE	TO	CP-102	A
-	BRN	16	TAIL	TO	M1	-
-	BRN	16	L MARKER	TO	W14	-
-	BRN	16	TAIL	TO	M3	-
-	BRN	16	R MARKER	TO	W16	-

LOCATOR CODE: -			SPLICE R			
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	GRN	14	R TURN	TO	CJ-600	D
-	GRN	14	R TURN	TO	CJ-700	6
-	GRN	16	R TURN	TO	M3	-

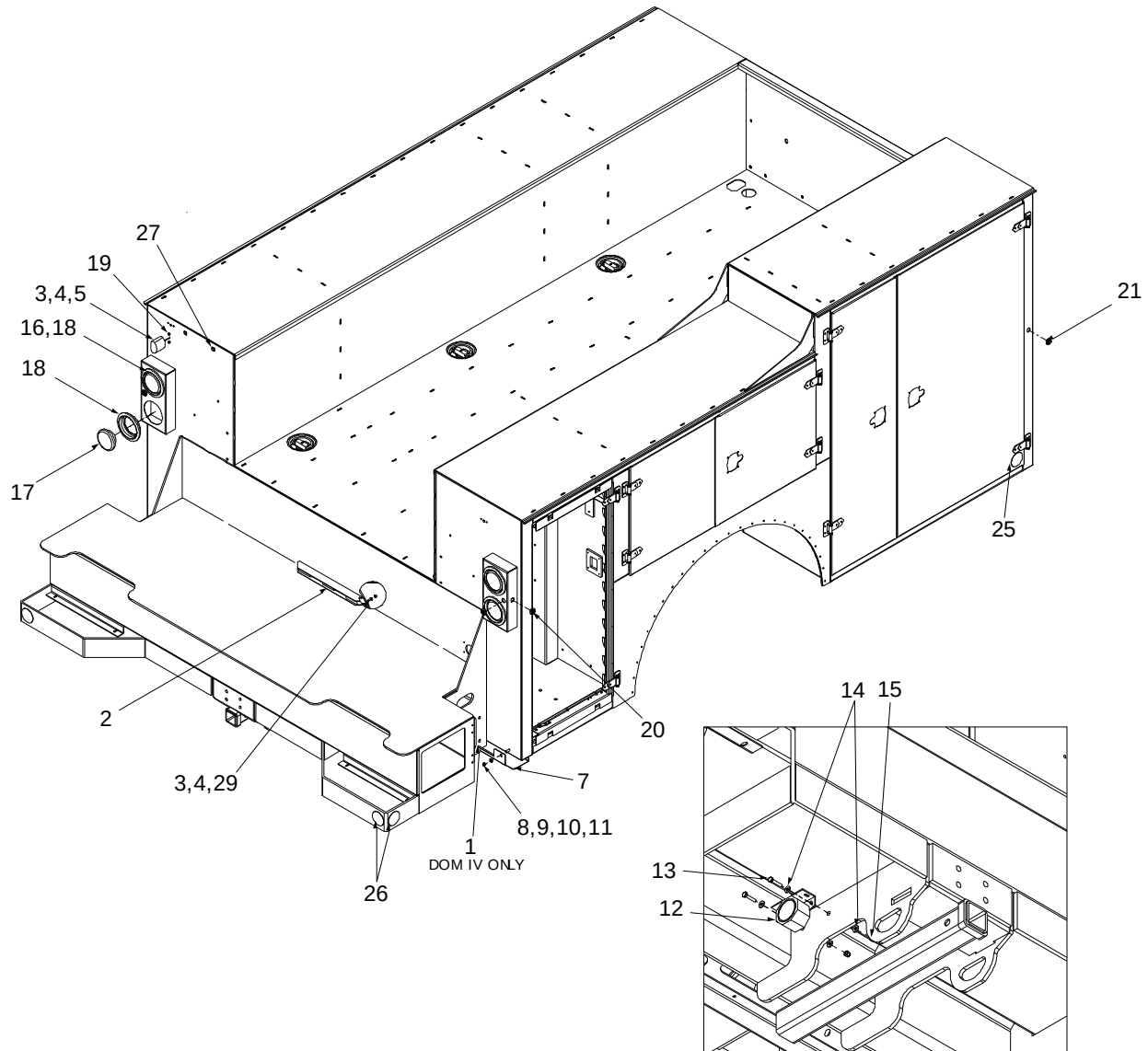


MATING END VIEW OF CJ-700

77441647-4



Electrical Installation (99905307)



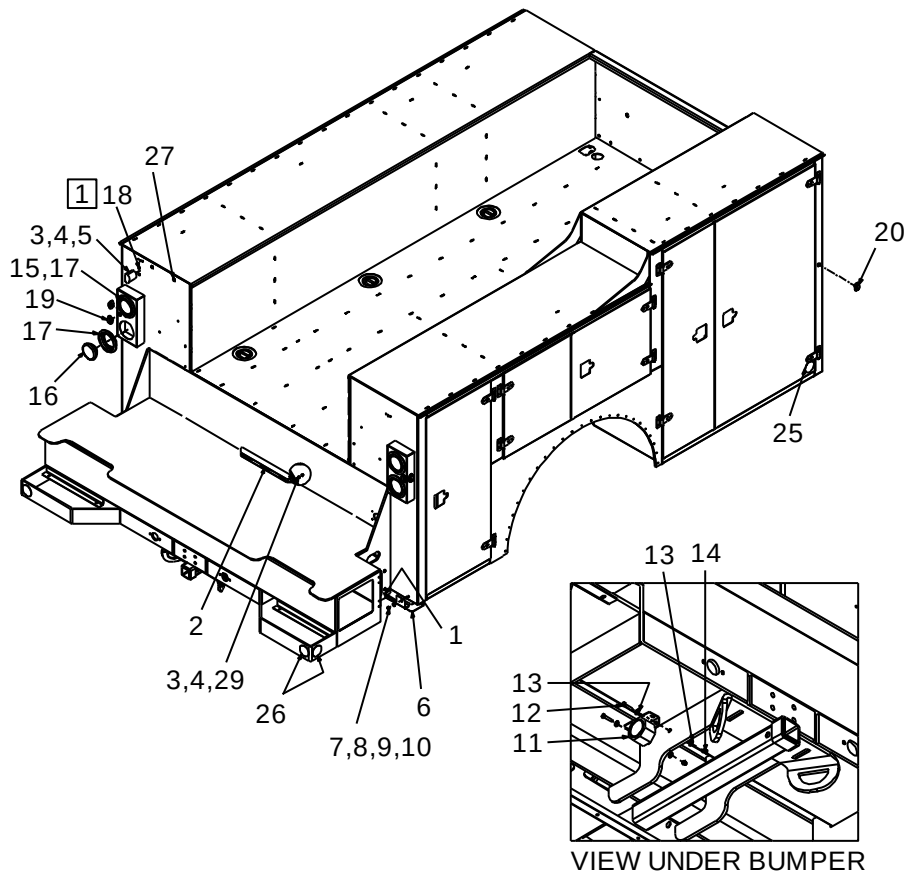
NOTES:

TERMINATE WITH 77044690, 77045887, 70394069, GROUND EYELET FROM HARNESS TO BE ATTACHED TO ONE OF THE SCREWS.

CHASSIS GROUND AND BODY GROUND EYELETS FROM LIGHTING HARNESS TO BE ATTACHED TO CHASSIS AND BODY, RESPECTIVELY. TRAILER GROUND EYELET TO BE ATTACHED WITH BODY EYELET. PREPARE FRAME AND BODY SURFACES BY GRINDING AWAY PAINT. HARDWARE AND DRILL AS NECESSARY.

99905307 PARTS LIST Effective 7-22-16				
ITEM	PART NO.	DESCRIPTION	KIT NO.	QTY
1	89396626	EDGING-PLASTIC BLK		A/R
2	77040483	LIGHT-3 BAR LED D(I)	#28	1
3	72063000	WASHER .19 W FLAT ANSI B27.2Z	#28	9
4	72062106	NUT 10-24 HEX NYLOCK	#28	8
5	77441004	LIGHT-LICENSE PLATE PLASTIC FOR DOM 2002	#28	1
6	60130829	MTG BRKT-WIRE HARNESS D3 & D4		2
7	60120705	MTG BRKT-WIRE HARNESS D1 & D2		2
8	72060026	CAP SCR .31-18X 1.25 HH GR5 Z		6
9	72063002	WASHER .31 FLAT		4
10	76392598	WASHER-BONDED .31 PLTD		6
11	72062109	NUT .31-18 HEX NYLOCK		4
12	77040020	ALARM-BACK UP HORN	#28	1
13	72060005	CAP SCR .25-20X 1.25 HH GR5 Z	#28	2
14	72063001	WASHER .25 FLAT	#28	4
15	72062104	NUT .25-20 HEX NYLOCK	#28	2
16	77040493	LIGHT-STOP/TURN/TAIL LED 4"	#28	2
17	77040180	LIGHT-BACKUP 4in CLEAR	#28	2
18	76392275	GROMMET-RUBBER TAIL LIGHT 4.00	#28	4
19	72060636	SCR-MACH #10-24X .75 RDH PH ZINC	#28	6
20	77040616	LIGHT-CLEAR RED LED W/GROMMET		4
21	77040615	LIGHT-CLEAR AMBER LED W/GROMMET		2
22	72060044	CAP SCR .31-18X .75 HH GR5 Z	#28	1
23	72063003	WASHER .38 W FLAT ANSI B27.2Z	#28	1
24	72062103	NUT .38-16 HEX NYLOC ZINC	#28	1
25	70039058	REFLECTOR-AMBER RD PET20 490A	#28	2
26	70039057	REFLECTOR-RED RD PET20 490R	#28	4
27	51715985	KIT-LICENSE PLATE HARDWARE	#28	1
28	51723807	DS3-ELEC KIT D.O.T. XOVER DOM 1-4		1
29	72060639	SCR-MACH 10-24X 1.25 RDH	#28	2
REV. E 20160907				

Electrical Installation (99905307)



NOTES (SEE REFERENCE NUMBER IN BOX):

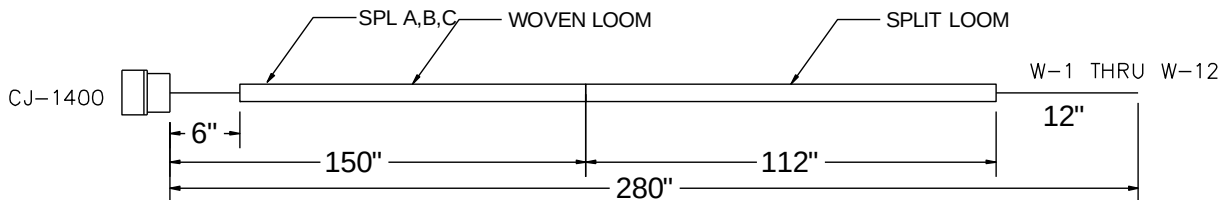
- 1 Terminate with 77044690, 77045887, and 70394069. Ground eyelet from harness to be attached to one of the screws.
- 2 The chassis and body ground eyelets from the lighting harness must be attached to the chassis and body, respectively. The trailer ground eyelet must be attached with the body eyelet. Prepare frame and surfaces by grinding away paint. Use supplied 3/8" hardware and drill as necessary.

99905307 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
1.	89396626	EDGING-PLASTIC BLACK	DOM IV ONLY		AS REQUIRED
2.	77040483	LIGHT-3 BAR LED		#28	1
3.	72063000	WASHER	.19 W FLAT ANSI B27.2Z 5	#28	4
4.	72062106	NUT	10-24 HEX NYLOCK	#28	4
5.	77441004	LIGHT-LICENSE PLATE PLASTIC		#28	1
6.	60120705	MOUNTING BRACKET-WIRE HARNESS	DOM I - II		2
6.	60130829	MOUNTING BRACKET-WIRE HARNESS	DOM III - IV		2
7.	72060026	CAP SCREW	.31-18X 1.25 HH GR5 Z		8
8.	72063002	WASHER	.31 FLAT		6
9.	76392598	WASHER-BONDED PLATED	0.31		6
10.	72062109	NUT	.31-18 HEX NYLOCK		6

99905307 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
11.	77040020	ALARM-BACK UP HORN		#28	1
12.	72060005	CAP SCREW	.25-20X 1.25 HH GR5 Z	#28	2
13.	72063001	WASHER	.25 FLAT	#28	4
14.	72062104	NUT	.25-20 HEX NYLOCK	#28	2
15.	77040493	LIGHT-STOP/TURN/TAIL LED	4 INCH	#28	2
16.	77040180	LIGHT-BACKUP CLEAR	4 INCH	#28	2
17.	76392275	GROMMET-RUBBER TAIL LIGHT	4 INCH	#28	4
18.	72060636	SCREW-MACH	#10-24X .75 RDH PH ZINC	#28	2
19.	77040570	LIGHT-CLEARANCE RED LED OVAL W/GROMMET		#28	4
	77040616	LIGHT-CLEARANCE RED LED ROUND W/GROMMET		#28	4
20.	77040569	LIGHT-CLEARANCE AMBER LED ROUND W/GROMMET		#28	2
	77040615	LIGHT-CLEARANCE AMBER LED OVAL W/GROMMET		#28	2
21.	72060044 (was 72060047)	CAP SCREW	.38-16X 1.25 HH GR5 Z	#28	1
22.	72063003	WASHER	.38 W FLAT ANSI B27.2Z	#28	2
23.	72063050 (was 72063051)	WASHER	.31 LOCK ZINC	#28	2
24.	72062103	NUT	.38-16 HEX NYLOC ZINC		2
25.	70039058	REFLECTOR-AMBER ROUND		#28	2
26.	70039057	REFLECTOR-RED ROUND		#28	4
27.	51715985	KIT-LICENSE PLATE HARDWARE		#28	1
28.	51723807	DOT CROSSOVER ELECTRICAL KIT			1
29.	72060639	SCREW-MACHINERY	#10-24 X 1.25 RDH	#28	2
REV D 20140519					

Electrical Harness, Chassis (77441446)



LOCATOR CODE: CJ-1400				DEUTSCH: HDP26-24-145		
TERM: 0462-203-04141, 0462-203-12141, 0462-209-16141						
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
1	WHT	6	BATTERY	TO	SPLA	-
2	WHT	12	COMP PWR	TO	SPLC	-
3	WHT	14	IGNITION	TO	W3	-
4	WHT	14	PTO (1 I-2)	TO	W4	-
5	WHT	14	EBRAKE (1 I-4)	TO	W5	-
6	WHT	14	EFM PWR	TO	SPLB	-
7	WHT	14	SELECTOR	TO	W7	-
8	WHT	14	ENG STOP	TO	W8	-
9	WHT	14	ENG SPEED	TO	W9	-
10	WHT	14	ENG START	TO	W10	-
11	WHT	14	STOW SEN NC	TO	W11	-
12	WHT	14	STOW SEN NO	TO	W12	-
13	-	-	-	TO	-	-
14	-	-	-	TO	-	-

LOCATOR CODE: W1-W12				BLUNT CUT		
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
W1	WHT	4	BATTERY	TO	SPL A	-
W2	WHT	10	COMP PWR	TO	SPL C	-
W3	WHT	14	IGNITION	TO	CJ-1400	3
W4	WHT	14	PTO (1 I-2)	TO	CJ-1400	4
W5	WHT	14	EBRAKE (1 I-4)	TO	CJ-1400	5
W6	WHT	12	EFM PWR	TO	SPL B	-
W7	WHT	14	SELECTOR	TO	CJ-1400	7
W8	WHT	14	ENG STOP	TO	CJ-1400	8
W9	WHT	14	ENG SPEED	TO	CJ-1400	9
W10	WHT	14	ENG START	TO	CJ-1400	10
W11	WHT	14	STOW SEN NC	TO	CJ-1400	11
W12	WHT	14	STOW SEN NO	TO	CJ-1400	12

LOCATOR CODE: -				SPLICE A		
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	6	BATT	TO	CJ-1400	1
-	WHT	4	BATT	TO	W1	-

LOCATOR CODE: -				SPLICE B		
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	12	EFM PWR	TO	W6	-
-	WHT	14	EFM PWR	TO	CJ-1400	6

LOCATOR CODE: -				SPLICE C		
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC	CAVITY
-	WHT	10	COMP PWR	TO	W2	-
-	WHT	12	COMP PWR	TO	CJ-1400	2

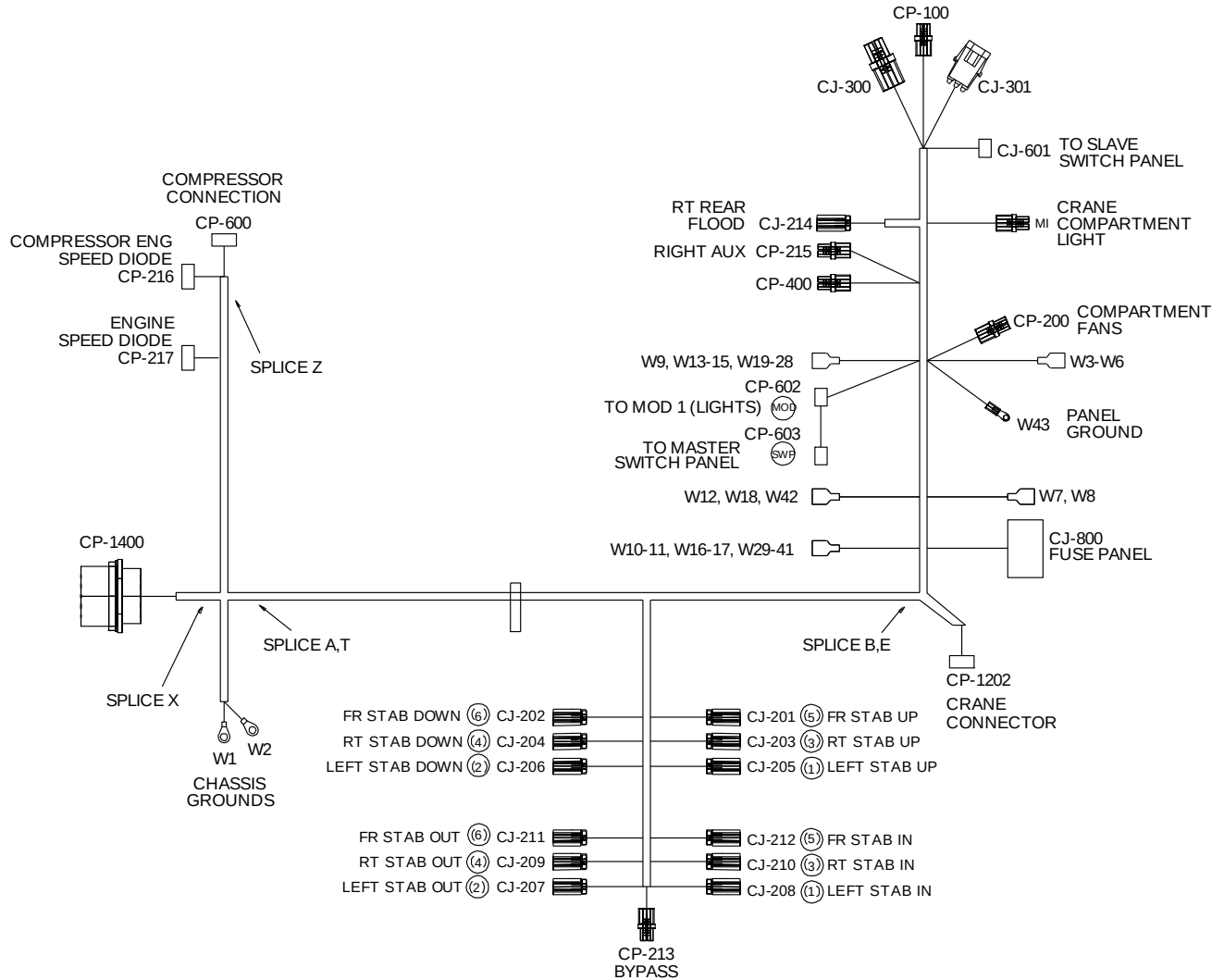
NOTES:

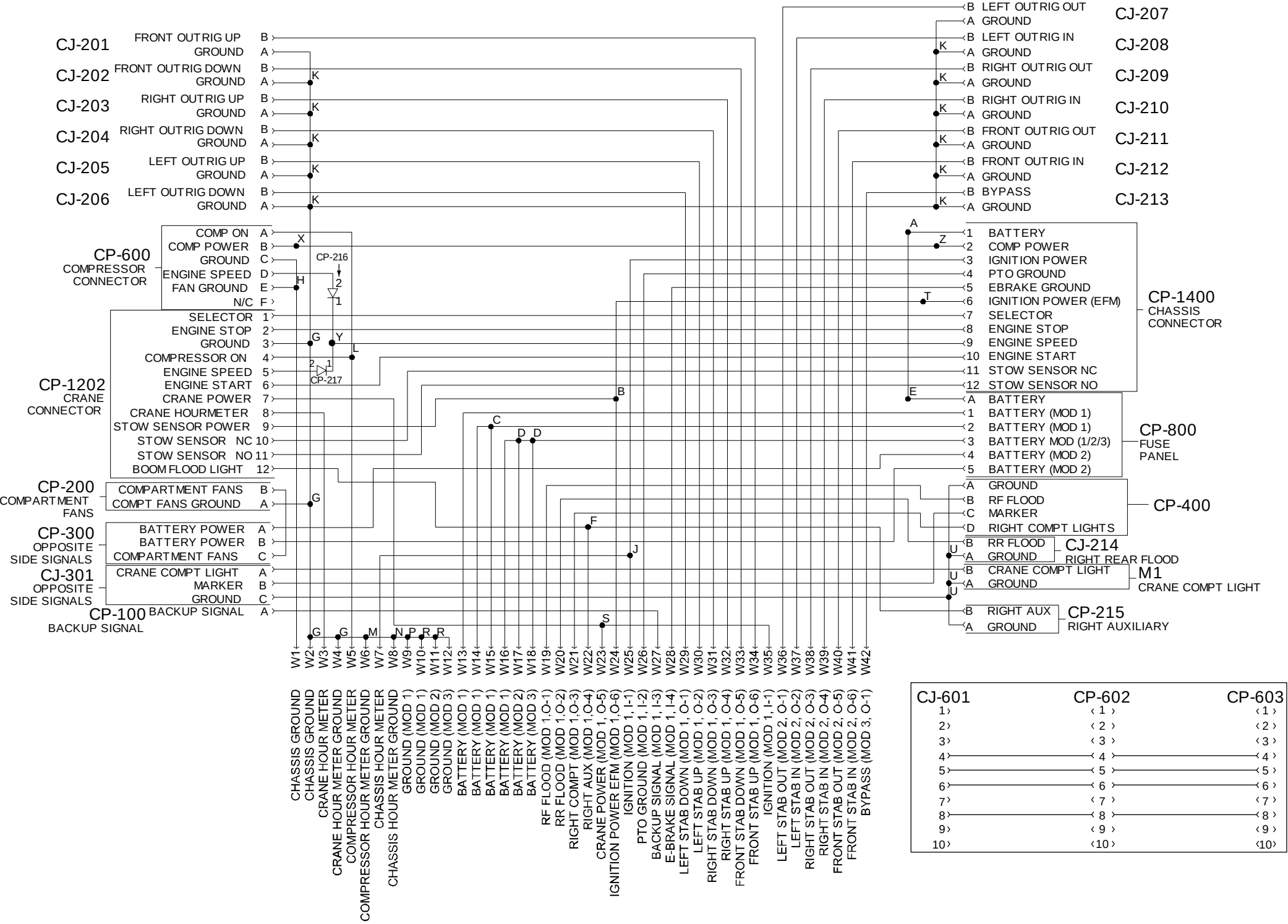
- 1 ALL DIMENSIONS ARE FROM MATING END OF CONNECTOR TO BREAK-OUT POINT IN HARNESS.
- 2 ALL WIRE TO BE GXL.

CJ-1400
BODY CONNECTION

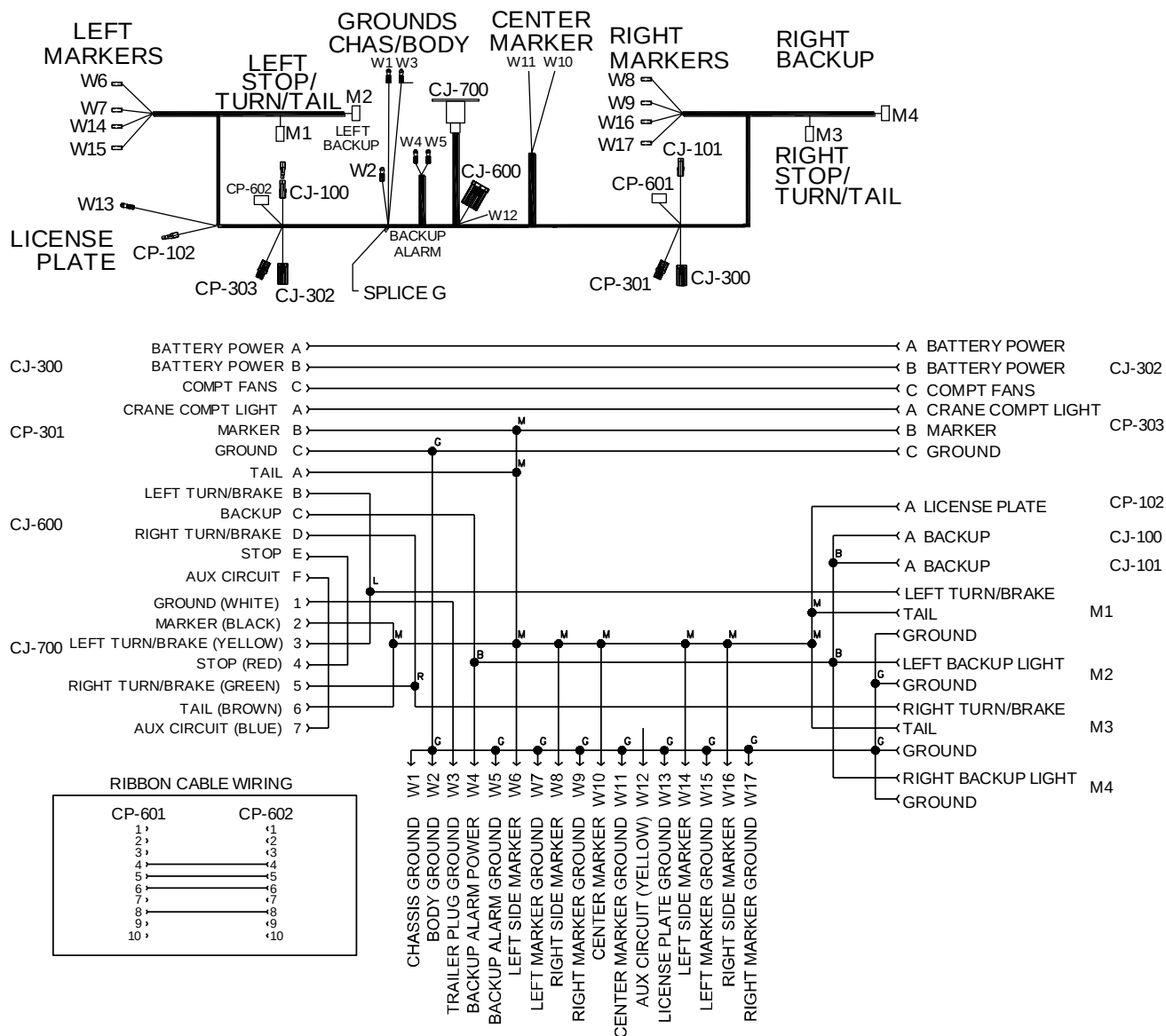


Harness, Power Panel (77441445)

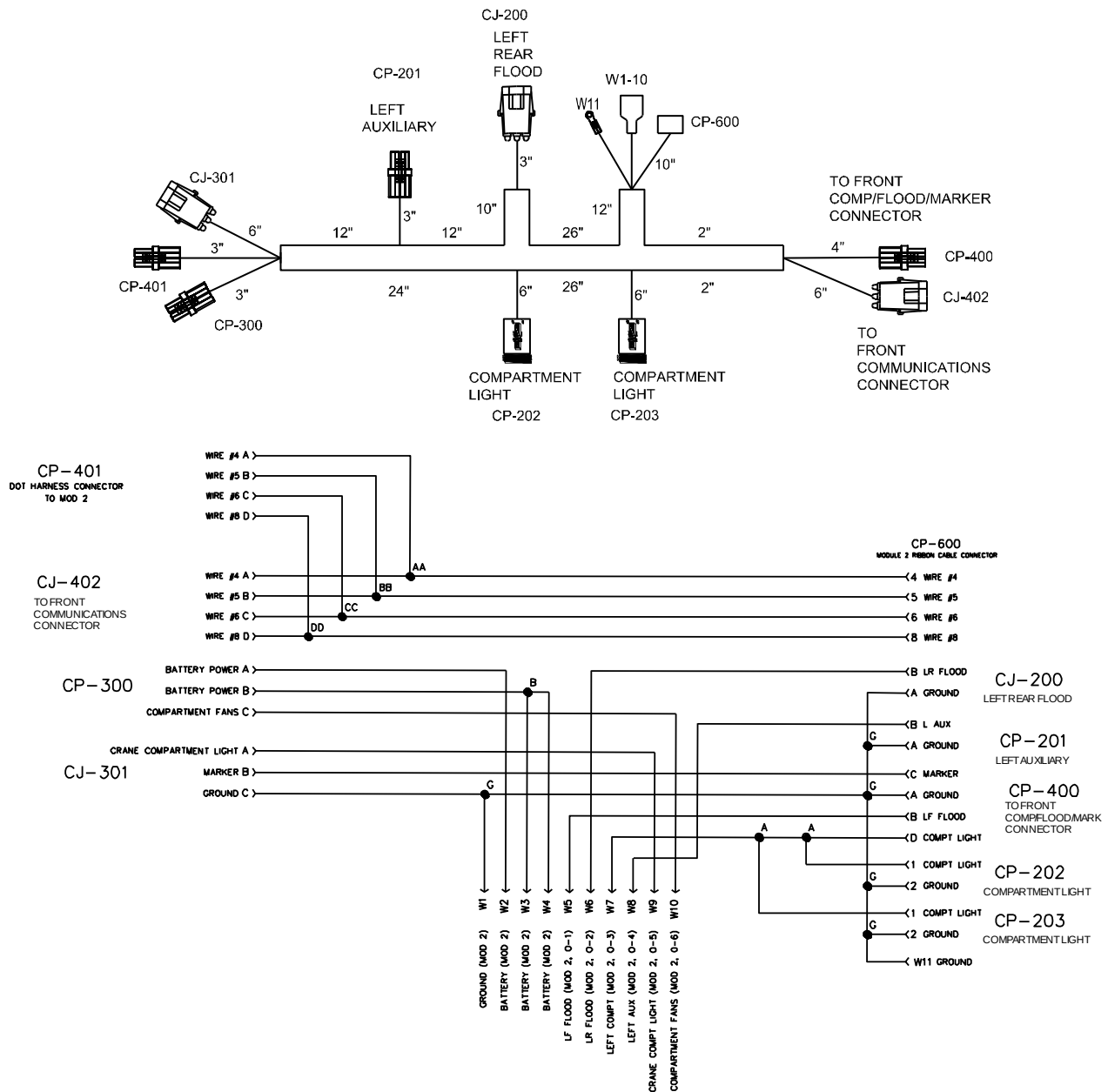




Electrical Harness- Rear Body Lights (77441437)

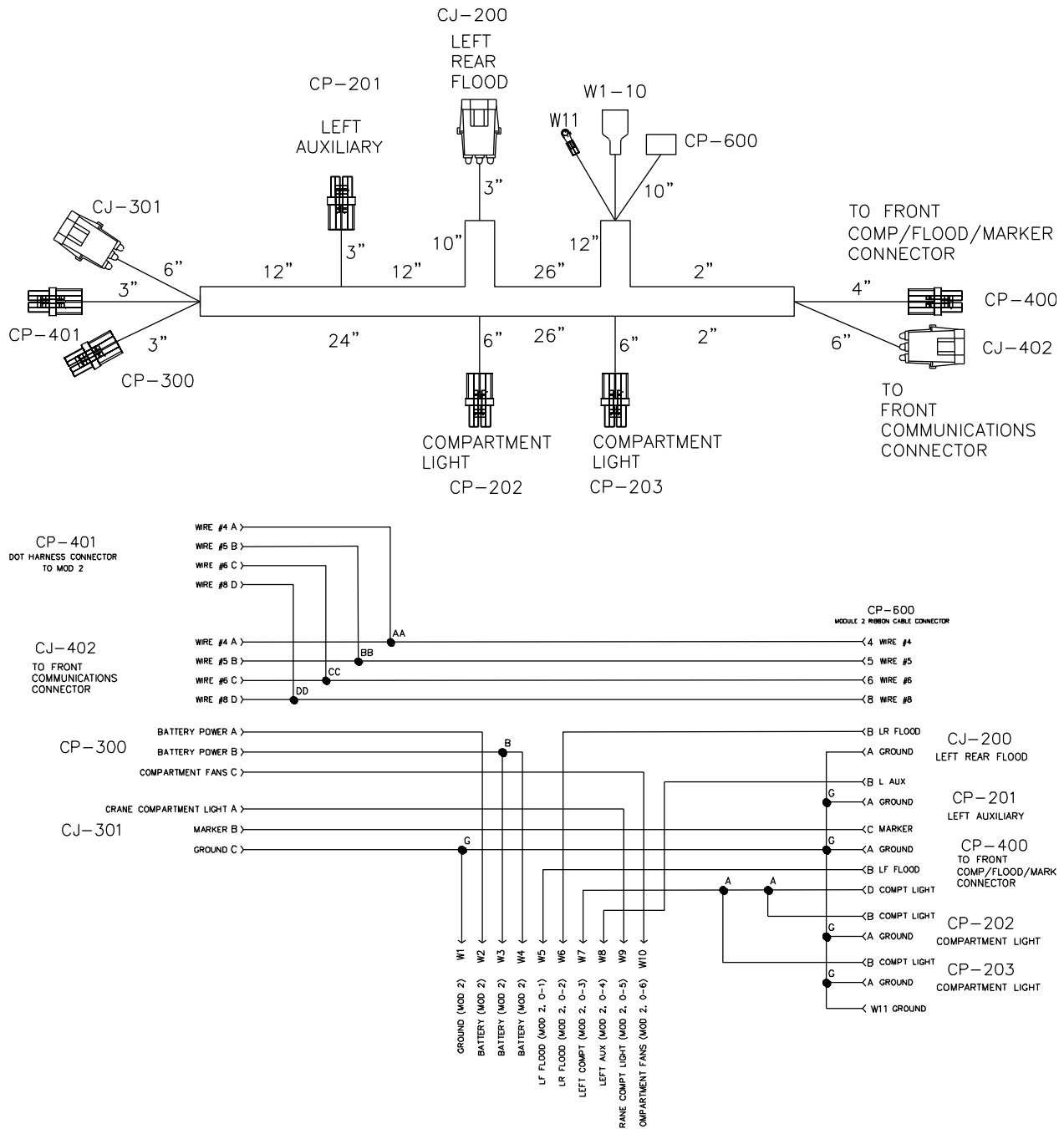


Electrical Harness, Left Sidepack (77441609) (Effective 02/01/16)

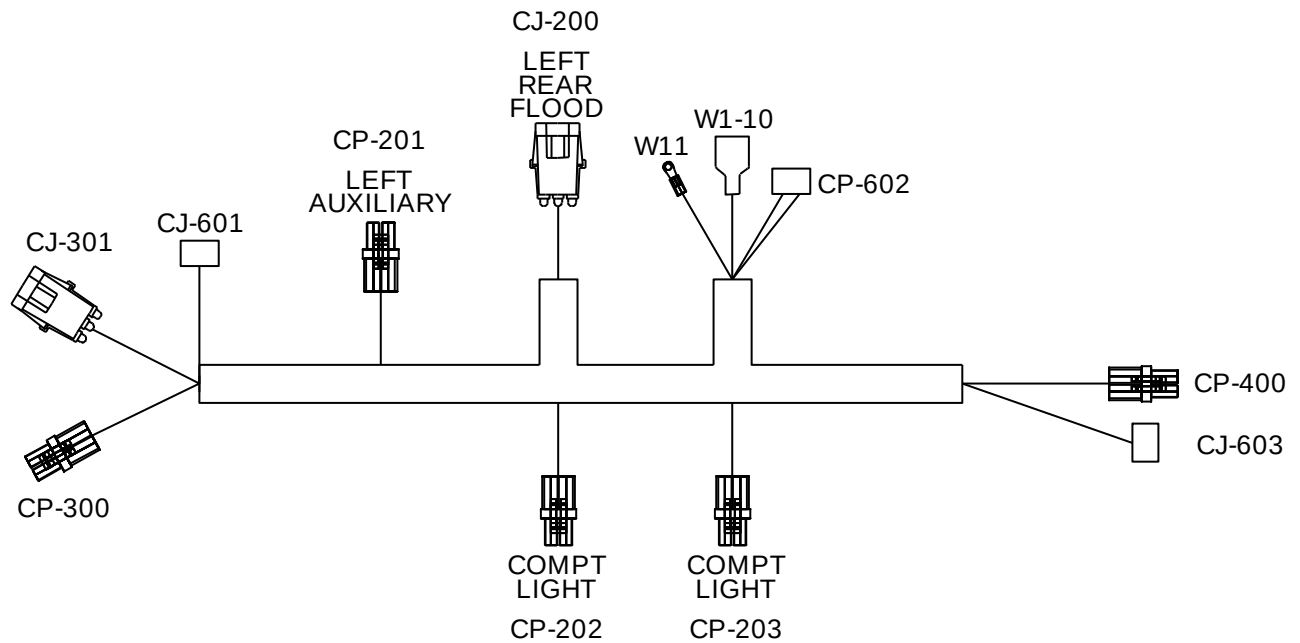


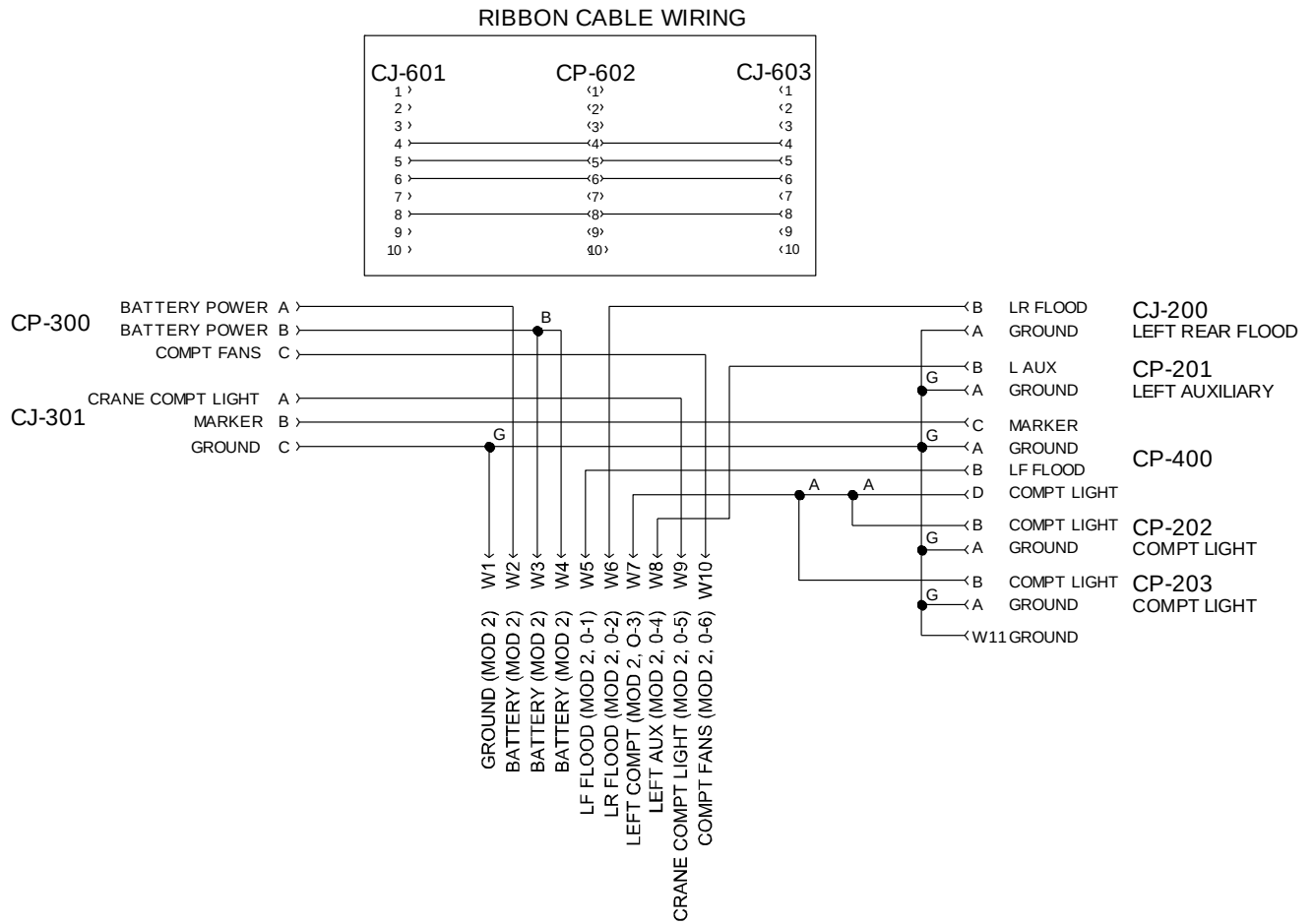
Electrical Harness, Left Sidepack (77441515)

From: 04/24/13 To: 01/29/16

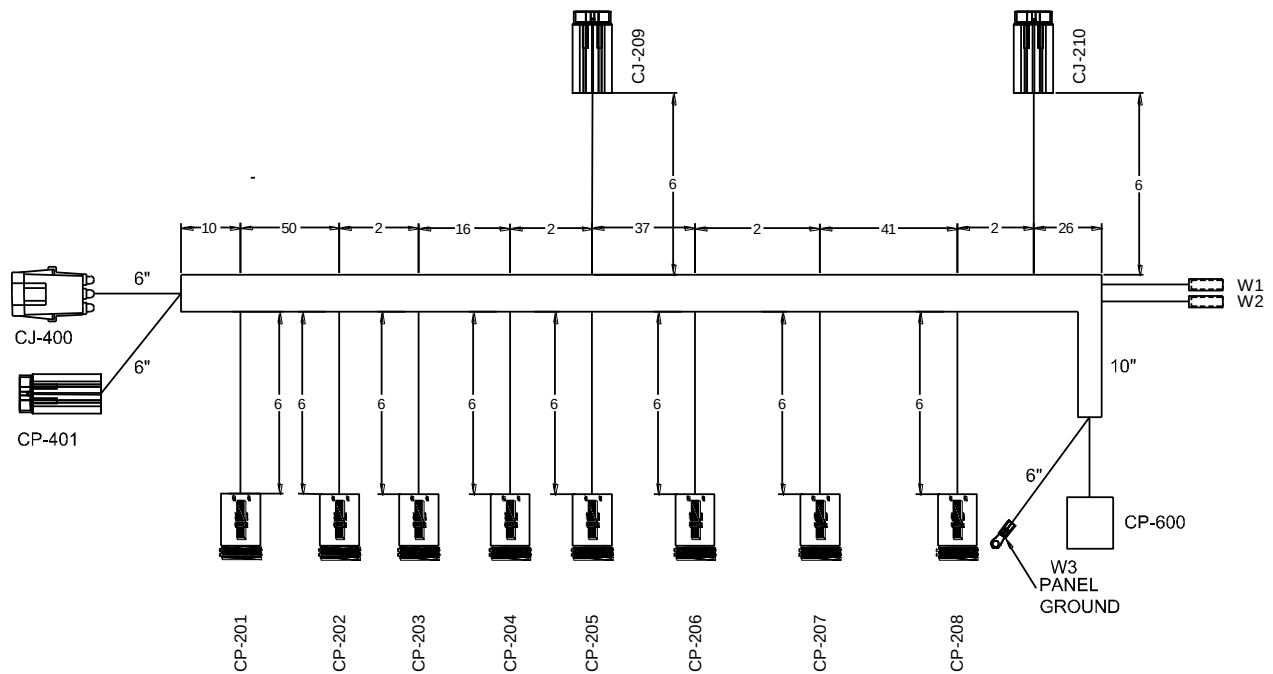


Electrical Harness, Left Sidepack (77441439) Through 04/23/13





13'-14' Dom Harness, Flood & Marker Lights (77441613) (Effective 02/01/16)



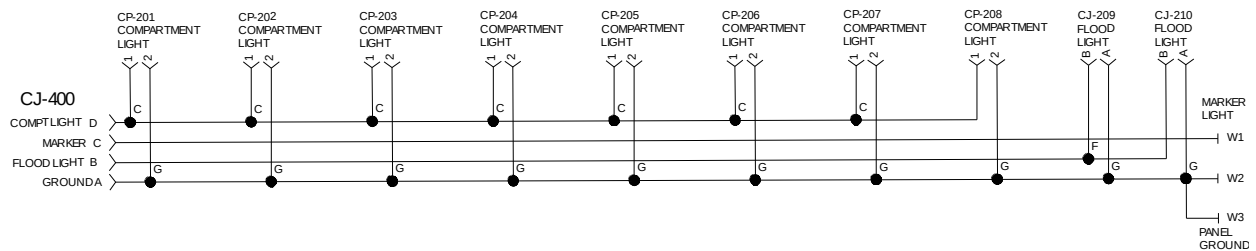
CP-401
TO REAR
COMMUNICATIONS
CONNECTOR

WIRE#4 A
WIRE#5 B
WIRE#6 C
WIRE#8 D

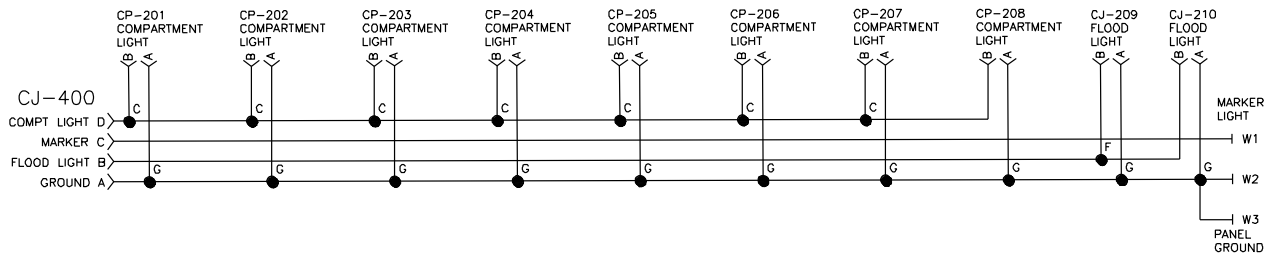
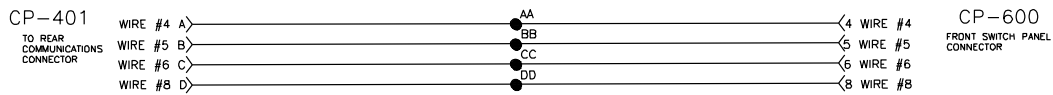
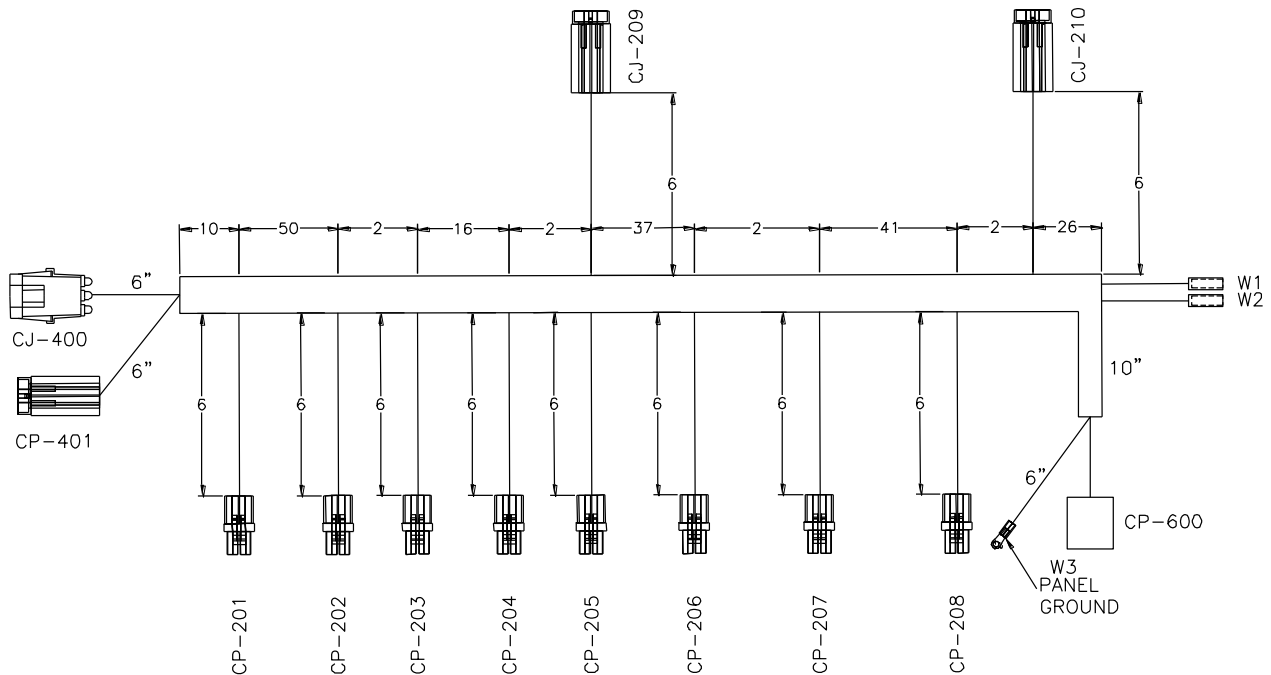
AA
BB
CC
DD

WIRE#4
WIRE#5
WIRE#6
WIRE#8

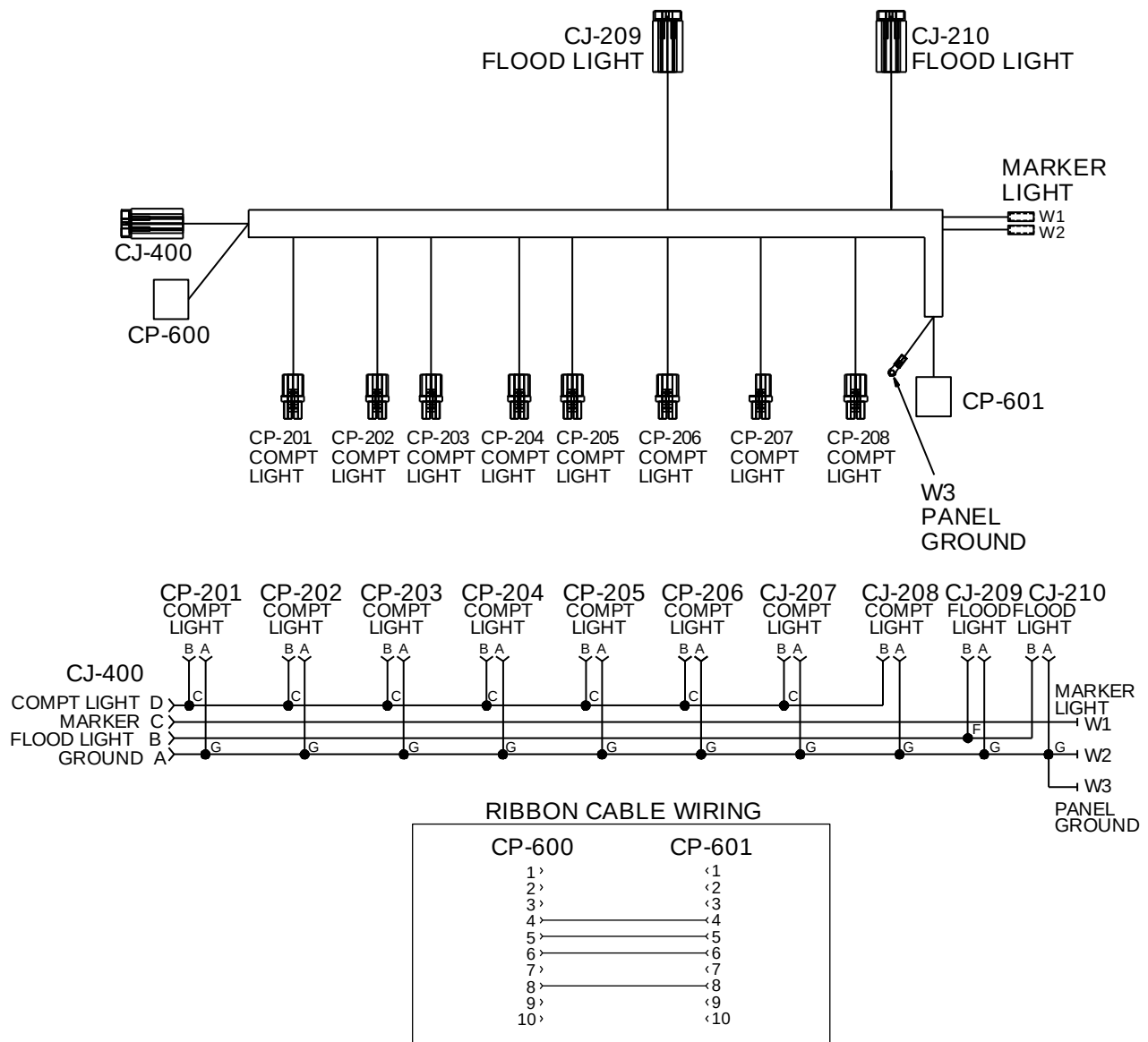
CP-600
FRONT SWITCH PANEL
CONNECTOR



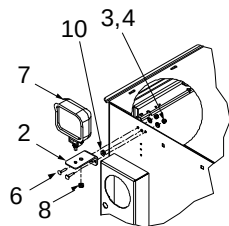
13'-14' Dom Harness, Flood & Marker Lights (77441520) From: 04/23/13 To: 01/29/16



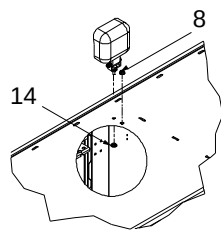
13-14' Dom Harness, Flood & Marker Lights (77441442) Through 04/23/13



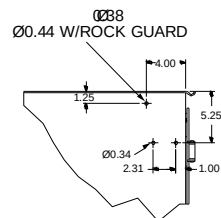
Flood Light Installation (99906020) (Effective 02/01/16)



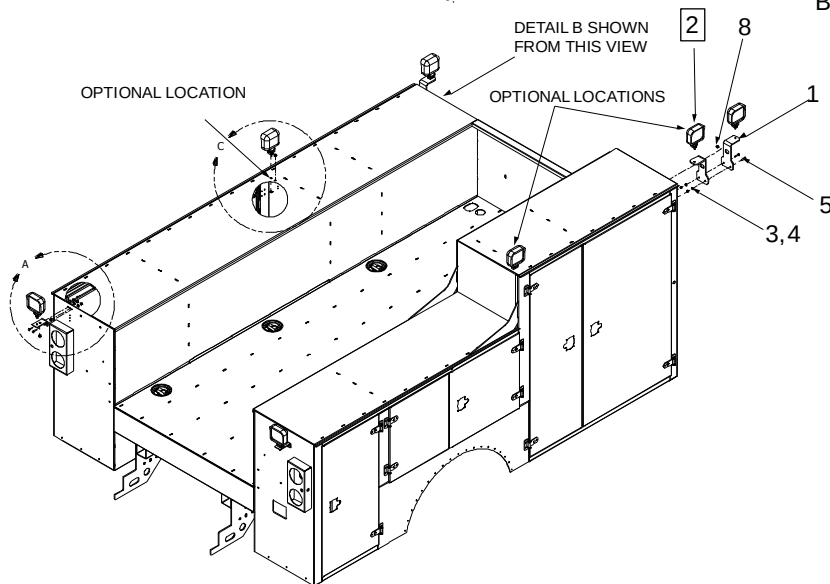
DETAIL A
SCALE 1 / 5



DETAIL C
SCALE 1 / 5



DETAIL B
SCALE 1 / 4
DIMS TYPICAL BOTH SIDES
STANDARD FRONT
BRACKET LOCATION



NOTES:

LOCATE MID-MOUNT FLOOD LIGHTS OUT OF WAY OF BOOM SUPPORT.

OPTIONAL LOCATION FOR RIGHT FRONT FLOOD LIGHT DEPENDENT ON EXHAUST CLEARANCE

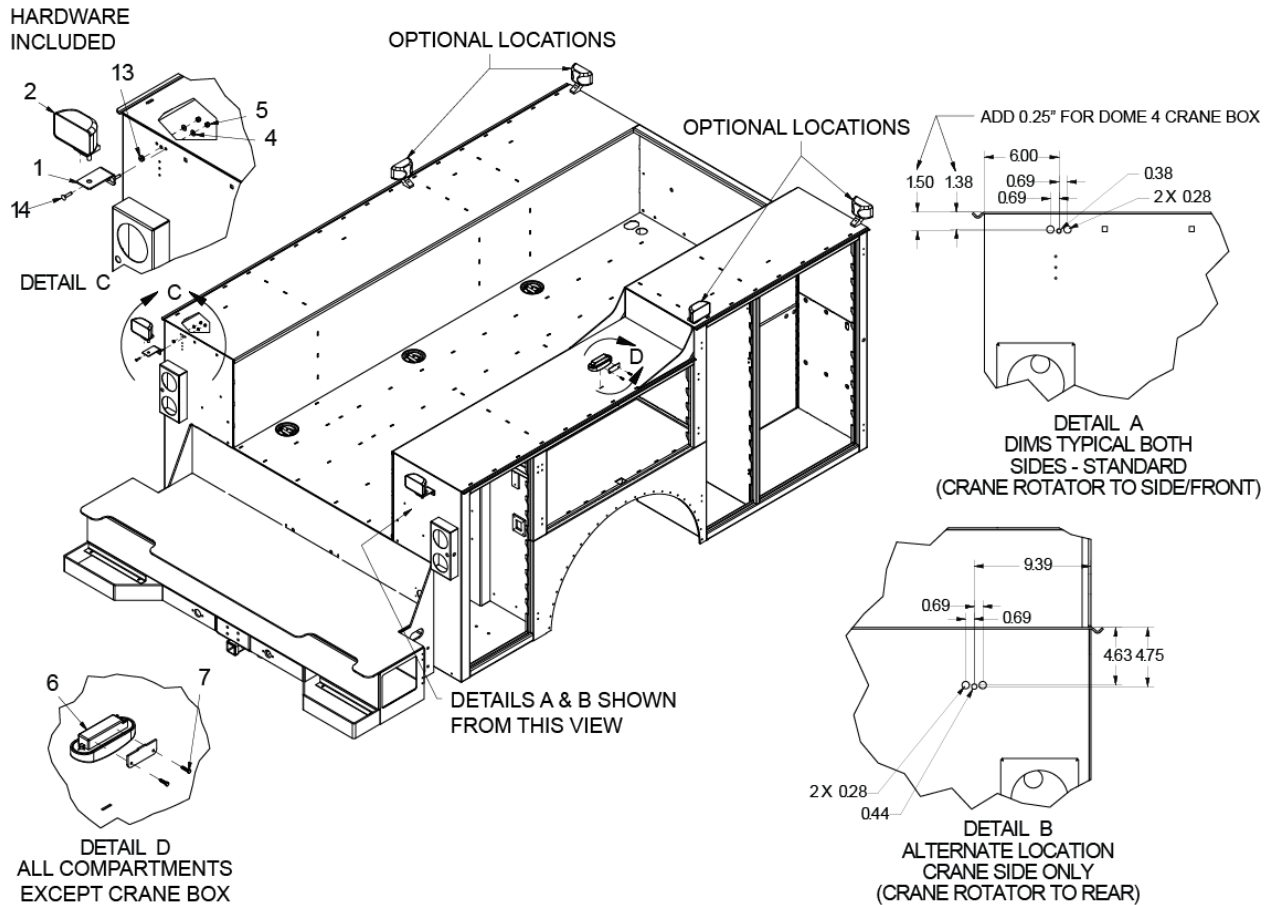
CRANE COMPARTMENT FLOOD LIGHT GROMMET IS ITEM #10.

TERMINATE WIRES WITH #11, 12, 13, NOT POLARITY SENSITIVE.

99906020 Parts List (Effective 02/01/16)					
ITEM	PART NO.	DESCRIPTION	FRONT MOUNT 51726762	MID MOUNT 51726756	REAR MOUNT 51726761
1	60138395	BRACKET-FLOODLIGHT 12V FRONT W-MSTR LOCK	2	-	-
2	60139526	BRACKET-FLOODLIGHT 12V REAR SP	-	-	2
3	72062194	NUT .25-20 HEX SS 18-8 NYLOCK	4	4	-
4	76392820	WASHER-BONDED .25 PLTD	4	-	4
5	72601846	CAP SCR .25-20X 1.25 HH SS 18-8	4	-	-
6	72602097	BOLT-CRG .25-18X 1.00 SQNK SS	-	-	4
7	77040581	FLOODLIGHT – LED 12-36 DC	2	2	2
8	76399341	GROMMET-RUBBER .25IDX .44PHDX .19PTHK	4	2	-
9	76399342	GROMMET-RUBBER .25IDX .44PHDX .25PTHK	-	-	1
10	76399343	GROMMET-RUBBER .25IDX .38PHDX .05PTHK	-	-	1
11	77044574	CONN-PKRD WEATHERPACK 2 CAV FEMALE/TOWER	2	2	2
12	77044927	CABLE SEAL – PKRD WP/MP 14 GA GREY	4	4	4
13	77045888	TERM-PKRD WEATHERPACK 14-16GA FEMALE	4	4	4
14	76392598	WASHER – BONDED .31 PLTD	-	2	-
REV. E 20160318					

Compartment / Flood Light Installation (99905266) To: 01/29/16

TERMINATE WIRES WITH #8, 9, 10
NOT POLARITY SENSITIVE



NOTE:

1 CRANE BOX INCLUDES CRANE COMPARTMENT LIGHT KIT # 51724514.

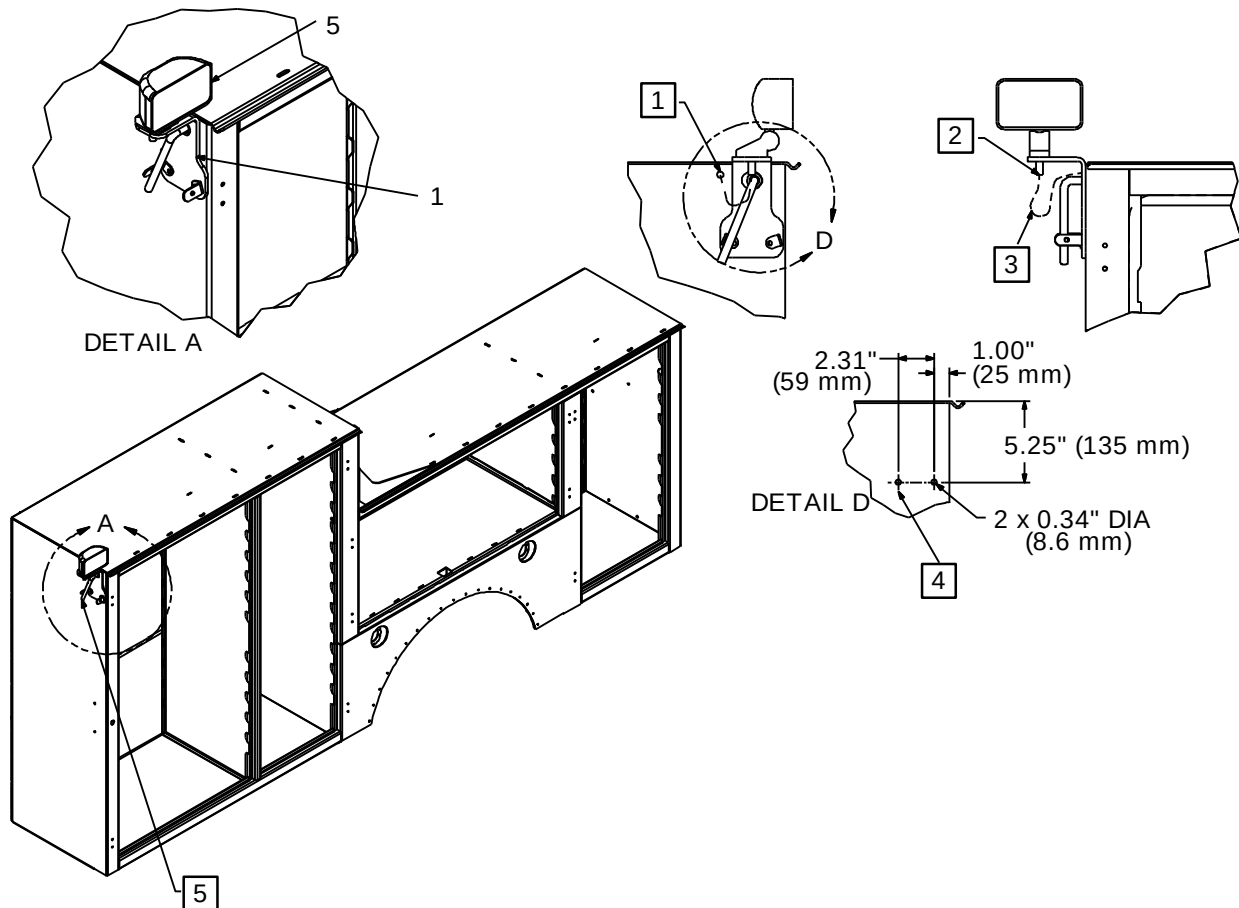
99905266 PARTS LIST

ITEM	PART #	DESCRIPTION	51723853	51723828	51723829	51719195
			COMPT LIGHTS (6)	COMPT LIGHTS (8)	COMPT. LIGHTS (10)	FLOODLIGHT KIT (2 LIGHTS)
		BODY SIZE	9'	DOM2 11'; DOM3 13'; DOM4 14'	DOM2 13', 14'; DOM4 19'	
1.	60139526	BRACKET-FLOODLIGHT REAR SIDEPACK 12V	2	2	2	
2.	77040424	FLOODLIGHT-COMPOSITE WORK LAMP	2	2	2	2
4.	72063001	WASHER .25 FLAT	4	4	4	4

99905266 PARTS LIST						
ITEM	PART #	DESCRIPTION	51723853	51723828	51723829	51719195
5.	72062104	NUT .25-20 HEX NYLOCK	4	4	4	4
6.	77040384	LIGHT-COMPARTMENT 12V 2.1AMP	5	7	9	
7.	72061100	SCREW-SELF TAP #10X .50 HH SLOTZ	10	14	18	
8.	77044574	CONNECTOR-2 CAVITY TOWER WP	2	2	2	2
9.	77045888	TERMINAL 14-16GA FEMALE WP	4	4	4	4
10.	77044927	CABLE SEAL WP/MP 15 GA GREY	4	4	4	4
11.	76399341	GROMMET-RUBBER .251DX .44PHDX .19PTHK	1	1	1	
12.	76399342	GROMMET-RUBBER .251DX .44PHDX .25PTHK	1	1		
13.	76399343	GROMMET-RUBBER .251DX .38PHDX .05PTHK	1	1	1	2
14.	72602097	BOLT-CRG .25-18X 1.00 SQNK SS (was 72060004)	4	4	4	4

REV E 20140505

Installation, Front Flood Light Bracket (99905305) Through 01/29/16



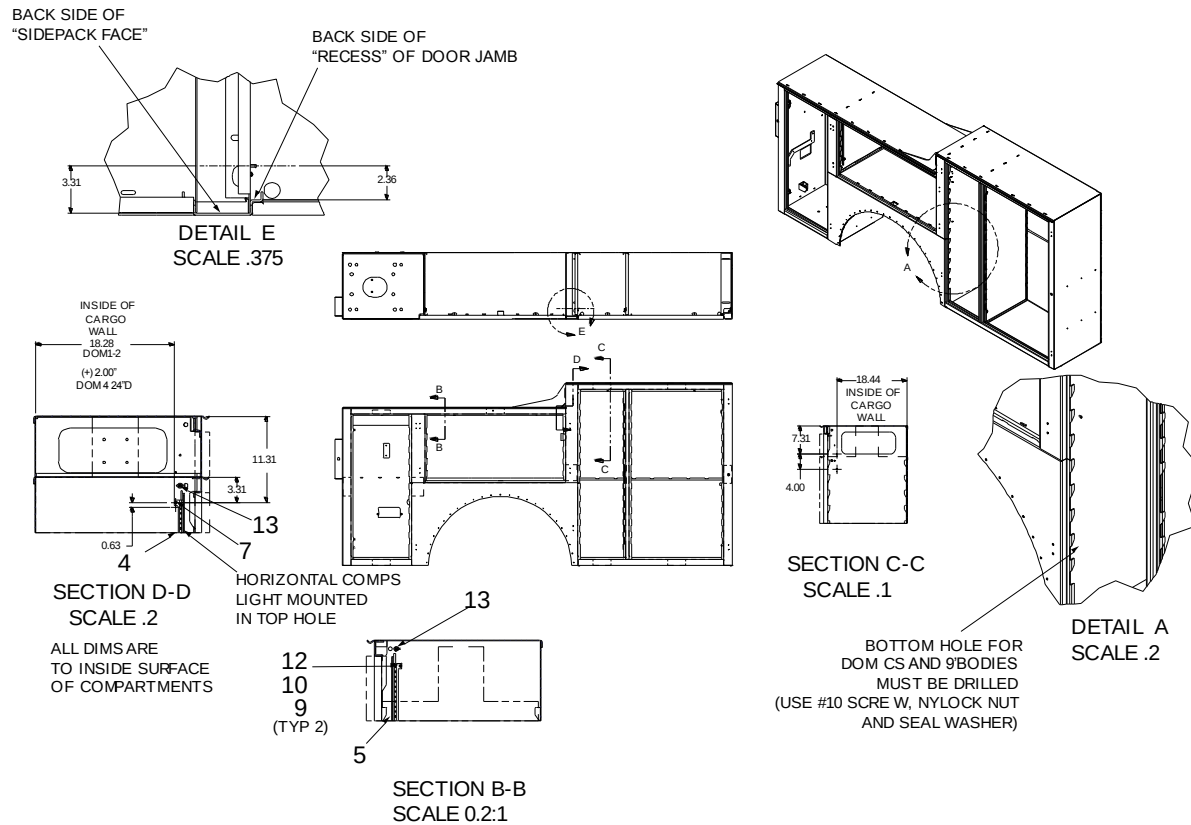
NOTES (SEE REFERENCE NUMBER IN BOX):

- 1 Drill hole the same size as the wire harness. Wire must enter compartment along side of bracket. Seal finished opening with caulk.
- 2 Route wire through base of flood light.
- 3 Create "drip loop" before wire enters compartment.
- 4 Drill holes to mount light bracket. Holes will also align with the hole pattern for a masterlock kit.
- 5 Master lock parts shown only for reference.

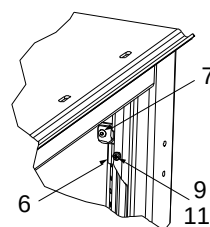
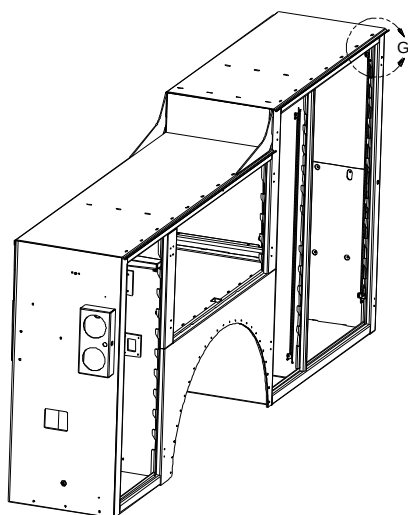
99905305 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QTY
1.	60138395	BRACKET-FLOOD LIGHT		1
2.	70034277	GROMMET-POLY	.52ID GR-5/8-UL 1	1
3.	60127755	ROD-MASTER LOCK	60.00 X 6.00	1
4.	77040424	FLOODLIGHT-WORK LAMP TOP MTG		1
5.	76399343	GROMMET-RUBBER		1
6.	60138970	BRACKET-PADLOCK		1
REV. B 20120523				

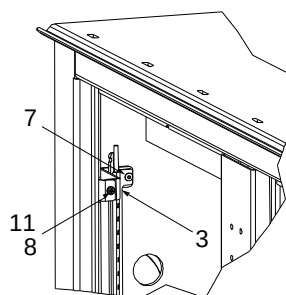
LED Light Installation (9905850) Effective 02/01/16



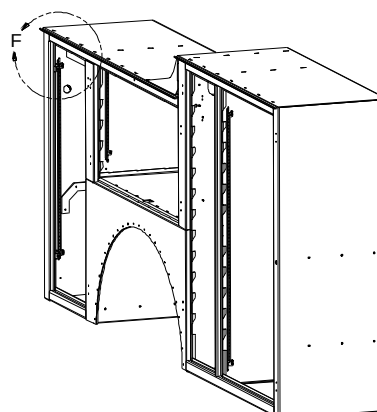
99905850-1



DETAIL G
SCALE 1/2



DETAIL F
SCALE 1/2



99905850 PARTS LIST (EFFECTIVE 02/01/16)			
ITEM	PART NO.	DESCRIPTION	QTY
1	51726298	LIGHT ASM LED ADH 48 RH	A/R
2	51726297	LIGHT ASM LED ADH 48 LH	A/R
3	51726295	LIGHT ASM LED ADH 36 LH	A/R
4	51726294	LIGHT ASM LED ADH 18 RH	A/R
5	51726293	LIGHT ASM LED ADH 18 LH	A/R
6	52726938	BRACKET-LIGHT LH-RH END PANELS W/NUT	A/R
7	72661418	RIVET-POP AL .188 X .50 GRIP	A/R
8	72060634	SCR-MACH #10-24X .50 RDH	A/R
9	72060636	SCR-MACH #10-24X .75 RDH PH ZINC	A/R
10	72063000	WASHER .19 W FLAT ANSI B27.2Z	A/R
11	72063047	WASHER #10 LOCK	A/R

99905850 PARTS LIST (EFFECTIVE 02/01/16)			
ITEM	PART NO.	DESCRIPTION	QTY
12	72062106	NUT 10-24 HEX NYLOCK	A/R
13	77045977	RETAINER-ZIP TIE FIR TREE MOUNT 30 LBS	A/R
REV. C 20160422			

LED Light Kits (Effective 02/01/16)

	18" LED Light Bar RH 51726294	18" LED Light Bar LH 51726293	36" LED Light Bar RH 51726296	36" LED Light Bar LH 51726295	48" LED Light Bar RH 51726298	48" LED Light bar LH 51726297	Total Light s	Light Kit #
DOM3-11' Right Front 1st- 2nd Left Hand All	2	2	-	3	2	-	9	51726717
DOM3-11' All Raised	2	2	-	3	2	-	9	51726717
DOM3-14' Right & Left Front 1st-2nd Left Hand All	2	2	1	-	3	3	11	51726720
DOM3-14' All Raised	2	2	-	-	3	4	11	51726721
Crane Compartment RH	-	-	-	1	-	-	1	51726753
Crane Compartment LH	-	-	1	-	-	-	1	51726774

LED Light Kits (Through 01/29/16)

	21" LED Light Bar 77040574	31" LED Light Bar 77040592	42" LED Light Bar 77040593	Total Lights	LIGHT KIT #
DOM3-13' Standard	4	10	-	14	51724360
DOM3-13' Standard	4	5	-	9	51725557
DOM3-13' Right Front Raised	4	6	4	14	51724361
DOM3-13' Right Front Raised	4	3	2	9	51725558
DOM3-13' All Raised	4	-	10	14	51724364
DOM3-13' All Raised	4	-	5	9	51725561

Electrical Outlet (51711674)

51711674 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	76393038	GROMMET	1
2.	77040232	TERMINAL-INSULATED SPADE 12-10 GA	3
3.	77044018	CONNECTOR-1/2 STRAIN RELIEF 3/8-1/2	1
4.	77044135	GROUND PLUG	1
5.	77044372	ELECTRICAL BOX 2X44 DEEP WELL	1
6.	77044384	WEATHERPROOF COVER	1
7.	77044501	OUTLET 110V GFI 20A	1
8.	89044039	CABLE 14GA/3WIRE	20FT

Light Reel Kits

LIGHT REEL KIT - 12 VOLT (51707758)					
LIGHT REEL KIT - 110 VOLT - LIGHT DUTY (51707759)					
LIGHT REEL KIT - 110 VOLT W/50' CORD (51712724)					
ITEM	PART #	DESCRIPTION	12 VOLT QUANTITY	110 VOLT QUANTITY	110 VOLT QUANTITY W/CORD
1.	77040187	REEL - 50'	1	1	
	77040368	REEL - 50'			1
2.	77040225	BULB - 12V	1		
	77040224	BULB - 120V 75W ROUGH SERVICE		1	1
3.	77040049	BUTT CONNECTOR	1		
4.	77040000	TERMINAL	1		
5.	72060012	CAP SCR 1/4-20X3 HH GR5	1	1	
	72060025	CAP SCR 5/16-18X1 HH GR5			4
6.	72062104	NUT 1/4-20 LOCK	5	3	
	72062109	NUT 5/16-18 HEX NYLOC			4
7.	72060002	CAP SCR .25-20X .75 HH GR5Z	2	2	
8.	89044234	WIRE 14GA YELLOW X 96"	1		
9.	89044235	WIRE 14GA WHITE X 12"	1		
10.	89044072	WIRE 12GA/3 WIRE X 216"		1	1
11.	72063002	WASHER 5/16 FLAT			8

Protective Sleeve Installation (70034573)



Step 1: Place the protective sleeve under the fuse holder, centering the holder with the protective sleeve.



Step 2: Securely wrap the two ends of the protective sleeve together making sure velcro is sealed on the top side of the front jump start plug holder.



Step 3: Securely zip tie both ends of the protective sleeve.

WARNING

For trucks without a battery disconnect switch, to prevent accidental vehicle start-up, which could cause death or serious injury, disconnect battery cables (negative cable first) before proceeding. Disconnect negative (-) battery cable first, if positive (+) cable should contact ground with negative (-) cable connected, the resulting sparks can cause a battery explosion, which could result in death or serious injury.

AMG FUSE HOLDERS REQUIRING PROTECTIVE SLEEVE	
PART NO.	DESCRIPTION
77041593	FUSE HOLDER-AMG 1 POS W-COVER HMG-221
77441116	FUSE HOLDER-AMG 1 POS W-COVER FMG-211
77040714	FUSE HOLDER-AMG AND MEGA 500 AMP W/COVER

CAUTION

AVOID POSSIBLE FIRE!
Visually inspect and verify no other fuse holder posts are coming in contact with the chassis. The contact of a fuse to a grounded structure can cause a potentially dangerous short circuit. Failure to inspect and verify the fuse holder posts could result in a fire.

SAFETY NOTICE

Use appropriate Personal Protective Equipment (PPE) as required by your company. Read and understand the following instructions found within this document prior to starting work on the chassis.

SAFETY NOTICE

Follow your company's Lock-Out/Tag-Out procedures to prevent the truck from being started or moved while performing work on this crane. If your company does not have a Lock-Out/Tag-Out procedure, follow OSHA 1910.147, Lock-Out/Tag-Out.

CHAPTER 9

Boom Supports

In This Chapter

Boom Support, Adjustable (52723856).....165

Adjustable Boom Support Placement (III) (99905154).....170

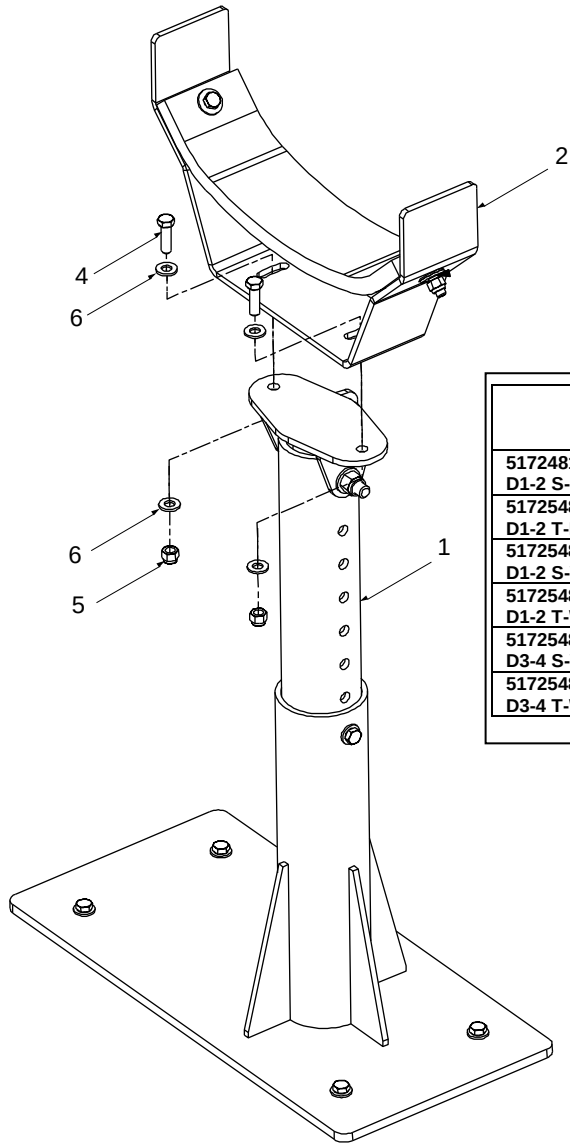
Boom Support Adjustable (51725462-Tall/51725463-Wide)171

Boom Support Saddle (51725454-Wide/51725455-Narrow).....173

Boom Support Assembly (99905632)**Error! Bookmark not defined.**

Later Style Adjustable Boom Support Placement (III) (99905154)174

Boom Support-Full Assembly (99905632)



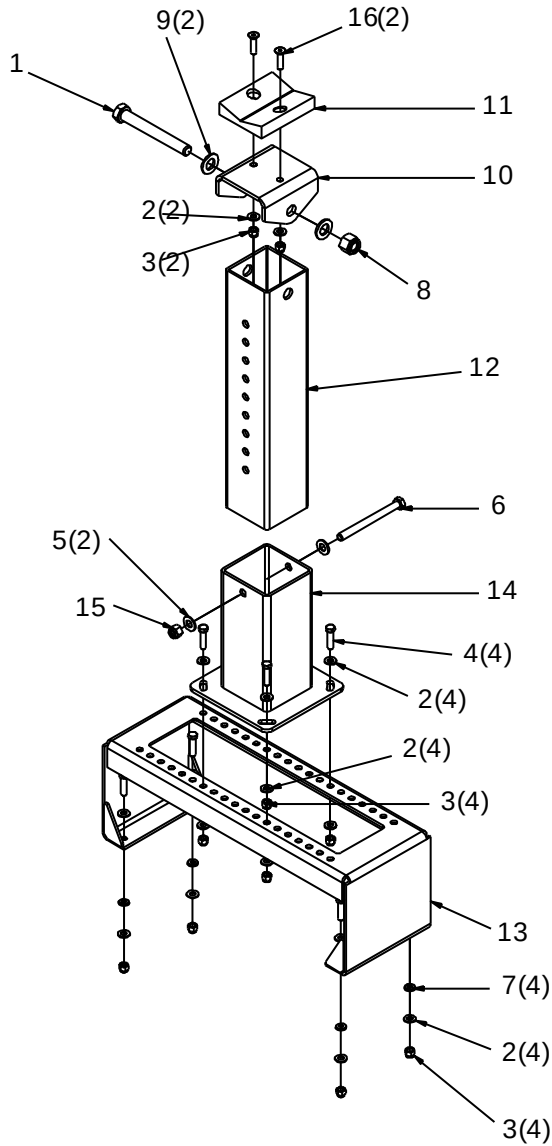
	51725142 D1-2 TALL	51725144 D3-4 TALL	51725462 D3-4 TALL	51725463 D3-4 SHORT	51725454 WIDE SADDLE	51725455 NARROW SADDLE	51725456 HRDW KIT
5172481 D1-2 S-N		X				X	X
51725482 D1-2 T-N	X					X	X
51725483 D1-2 S-W		X			X		X
51725484 D1-2 T-W	X				X		X
51725485 D3-4 S-W				X	X		X
51725486 D3-4 T-W			X		X		X

99905632 PART LIST

ITEM	PART NO.	DESCRIPTION	KIT	QTY
1	51725142	BOOM SUPPORT - ADJUSTABLE (TALL)		A/R
1	51725144	BOOM SUPPORT - ADJUSTABLE (SHORT)		A/R
1	51725462	BOOM SUPPORT - ADJUSTABLE D3-4 (TALL)		A/R
1	51725463	BOOM SUPPORT - ADJUSTABLE D3-4 (SHORT)		A/R
2	51725454	SADDLE-BOOM SUPPORT (WIDE)		A/R
2	51725455	SADDLE – BOOM SUPPORT (NARROW)		A/R
3	51725456	KIT - HRDW SADDLE TO BOOM SUPPORT		1

99905632 PART LIST				
ITEM	PART NO.	DESCRIPTION	KIT	QTY
4	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	3	2
5	72062103	NUT .38-16 HEX NYLOCK	3	2
6	72063003	WASHER .38 FLAT	3	4
REV. C 20160915				

Boom Support, Adjustable (52723856)

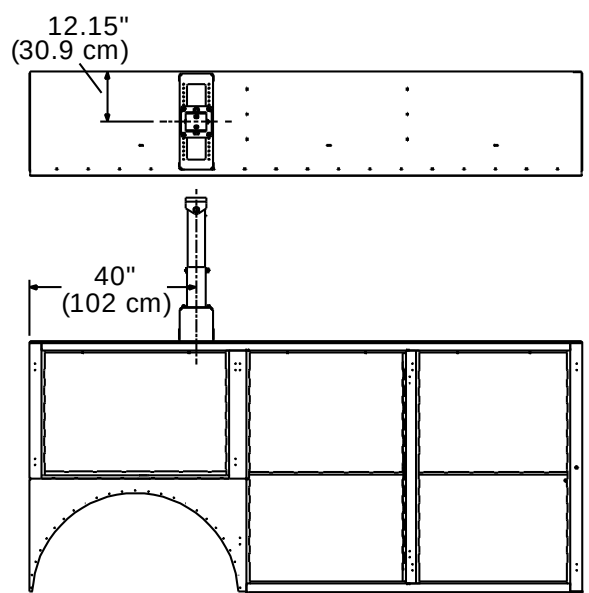
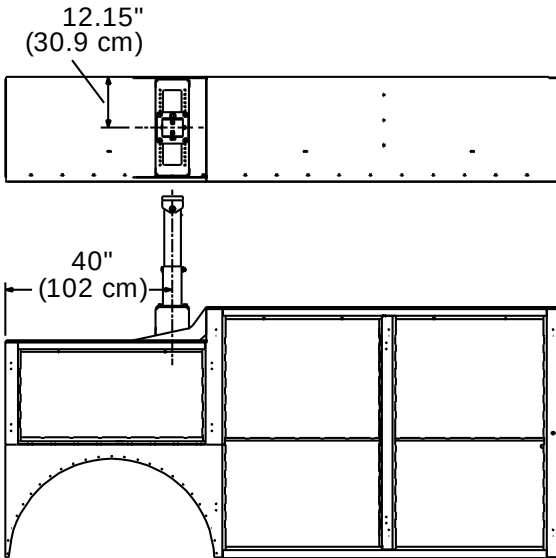
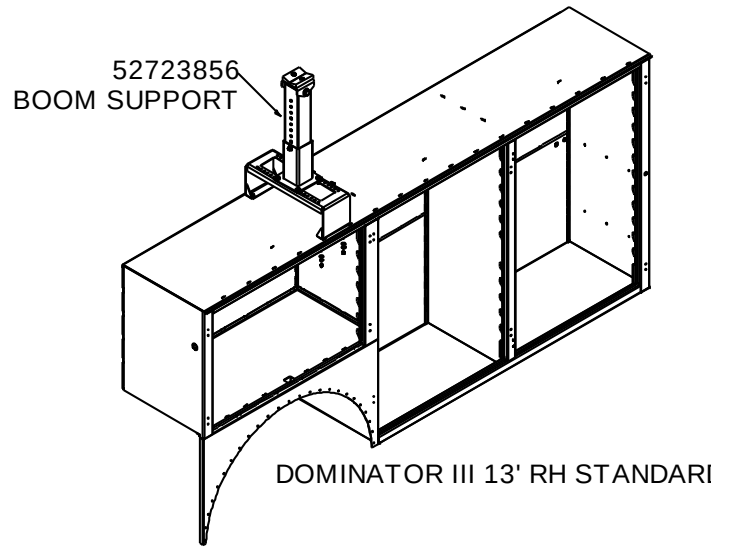
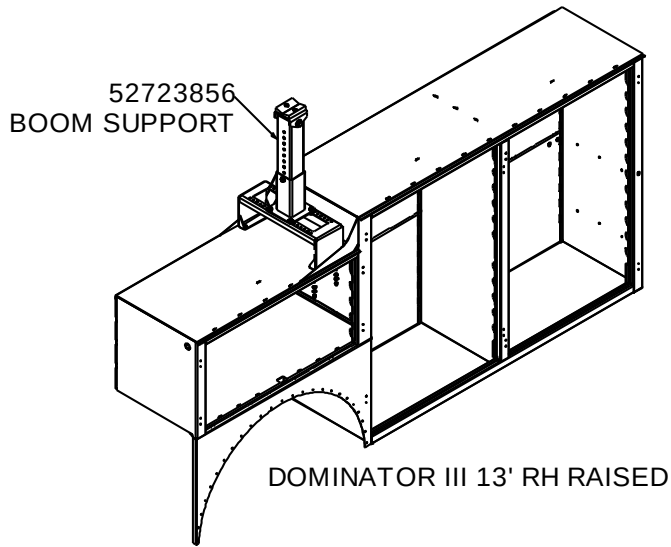


52723856 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	72601845	CAP SCREW	.75-10 X 6.00 HHSS	1
2.	72063003	WASHER	.38 FLAT	18
3.	72062103	NUT	.38-16 HEX NYLOCK	10
4.	72060048	CAP SCREW	.38-16 X 1.50 HHGR5Z	8
5.	72063005	WASHER	.50 FLAT	2
6.	72060102	CAP SCREW	.50-13 X 5.5 HHGR5Z	1
7.	76392821	WASHER -BONDED PLATED	.38	4
8.	72062114	NUT	.75-10 HEX NYLOCK	1

52723856 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
9.	72063008	WASHER	.75 FLAT	2
10.	60136190	BRACKET-SADDLE PIVOT		1
11.	60030430	WEAR PAD		1
12.	60136187	PEDESTAL		1
13.	52724121	MOUNTING BRACKET, SADDLE		1
14.	52723211	WELDMENT-POST		1
15.	72062080	NUT	.50-13 HEX NYLOCK	1
16.	72601611	SCREW-MACHINERY	.38-16 X 1.50 FLH	2
REF	51723760	HARDWARE KIT		1
REV E 20120301				

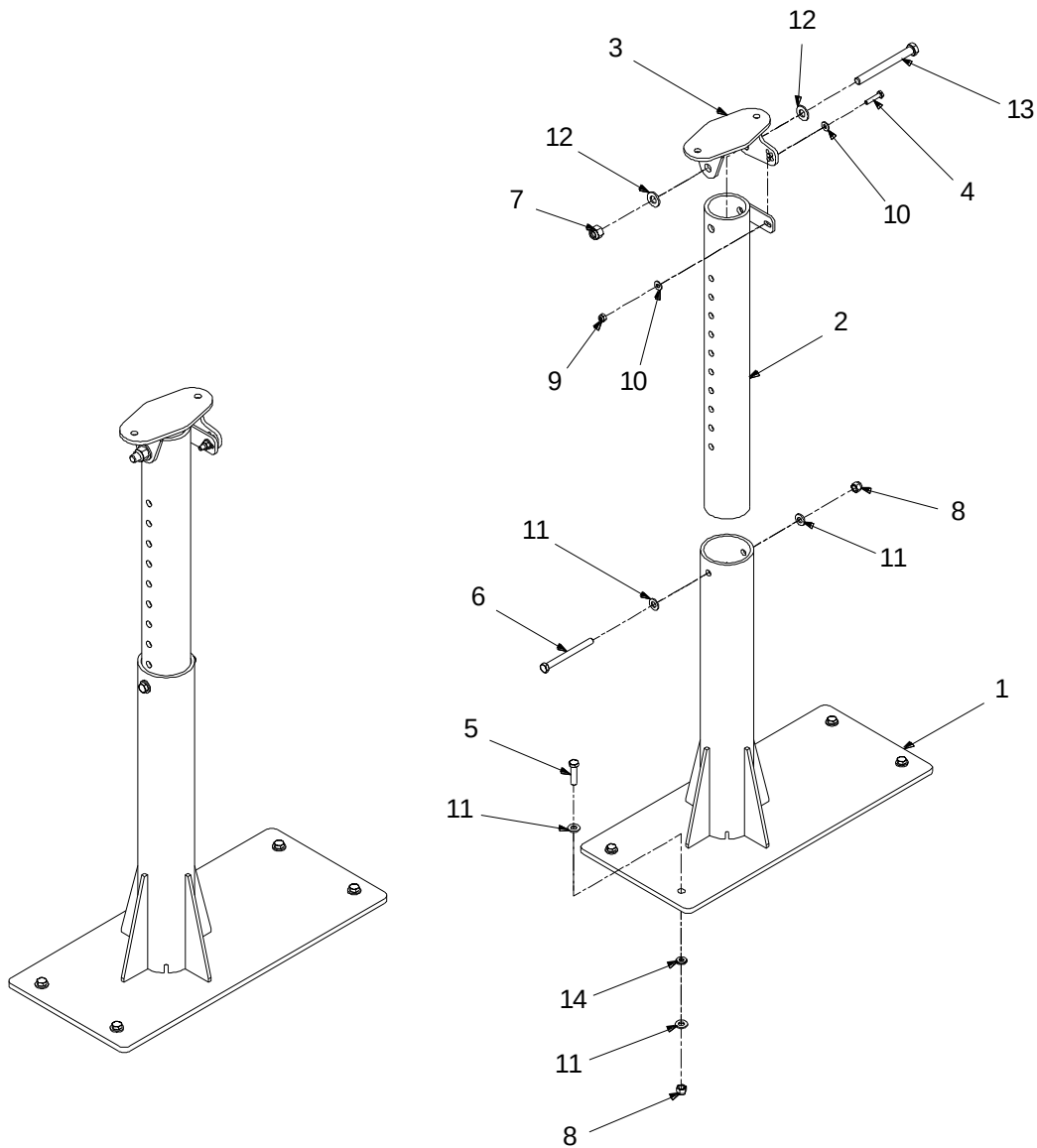
Early Style Adjustable Boom Support Placement (III) (99905154)



NOTE:

- 1 LOCATE BOOM SUPPORT 83.63" (212.4 cm) FROM REAR OF CRANE COMPARTMENT FOR 13' STANDARD BODIES.

Boom Support - Adjustable (51725462-Tall/51725463-Short)



NOTE:

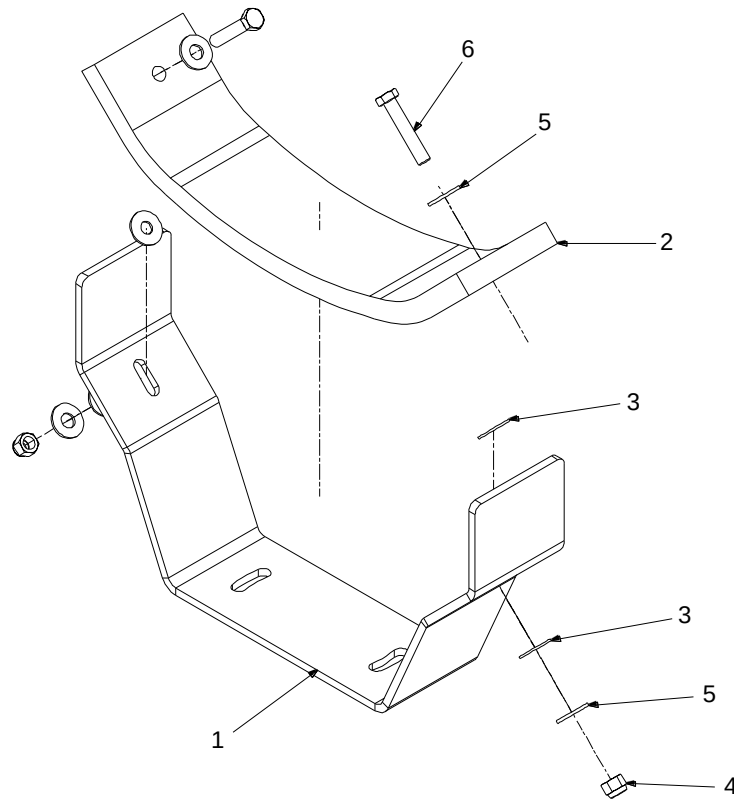
1 TALL TUBES CAN ONLY BE USED ON THE TALL ASSEMBLY, SHORT FOR THE SHORT ASSEMBLY.

51725462/51725463 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52725460	WLDMT-BOOM SUP OUTER TUBE D3-4 (TALL) (TO 12-30-14)	1
1.	52725461	WLDMT-BOOM SUP OUTER TUBE D3-4 (SHORT) (TO 12-30-14)	1
2.	52725248	WLDMT-BOOM SUPPORT INNER TUBE (TALL) (FROM 12-31-14)	1
2.	52725452	WLDMT-BOOM SUPPORT INNER TUBE (SHORT) (FROM 12-31-14)	1

51725462/51725463 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
3.	52725451	WLDMT-BOOM SUPPORT SWIVEL	1
4.	72060005	CAP SCR .25-20X 1.25 HH GR5 Z	1
5.	72060048	CAP SCR .38-16X 1.50 HH GR5 Z	4
6.	72060924	CAP SCR .38-16X 4.25 HH GR5 Z	1
7.	72062080	NUT .50-13 HEX NYLOCK	1
8.	72062103	NUT .38-16 HEX NYLOCK	5
9.	72062104	NUT .25-20 HEX NYLOCK	1
10.	72063001	WASHER .25 FLAT	2
11.	72063003	WASHER .38 FLAT	10
12.	72063132	WASHER .50 FLAT ASTM F436	2
13.	72601584	CAP SCR .50-13X 5.00 HH GR8 Z	1
14.	76392821	WASHER-BONDED PLTD .38	4
REV B 20141114			

Boom Support Saddle (51725454-Wide/51725455-Narrow)

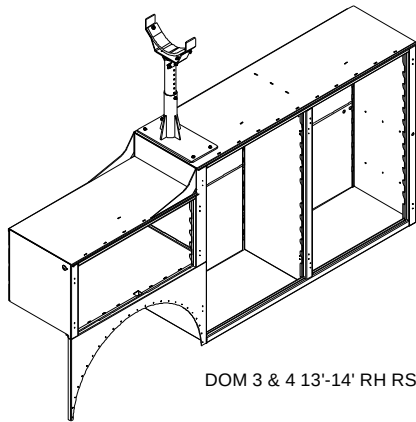


NOTES:

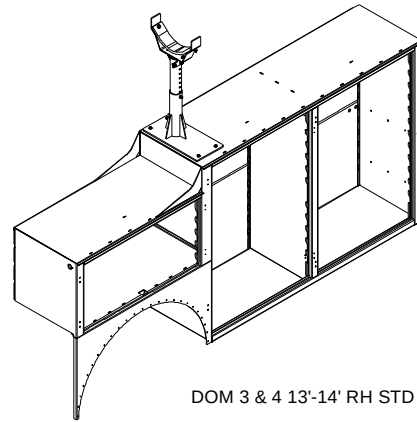
1. TIGHTEN NUTS UNTIL BOTTOM OUT ON BOLTS. GAP WILL BE PRESENT BETWEEN WASHERS AND SADDLE.
2. STRAP WILL MOVE FREELY IN SADDLE.
3. DO NOT REPLACE BOLT (PN 72602102) WITH ALTERNATE HARDWARE AS EQUIPMENT DAMAGE MAY OCCUR.

51725454/51725455 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60140922	BRACKET-BOOM SUPPORT SADDLE (WIDE)	1
1.	60141260	BRACKET-BOOM SUPPORT SADDLE (NARROW)	1
2.	76399704	RUBBER BELT-BOOM SUPPORT (WIDE) (FROM 05-01-15)	1
2.	76399705	RUBBER BELT-BOOM SUPPORT (NARROW) (FROM 05-01-15)	1
3.	72063302	WASHER-FLAT .38ID X 1.00OD NYLON	4
4.	72062300	NUT .38-24 HEX GR8 YZ NYLOCK	2
5.	72063304	WASHER-FLAT .38 N H ASTM F436 Z	4
6.	72602102	CAP SCR .38-24X 1.97 GR 8 1.31 GRIP	2
REV C 20141119			

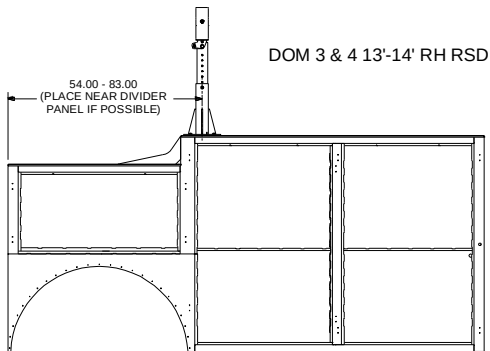
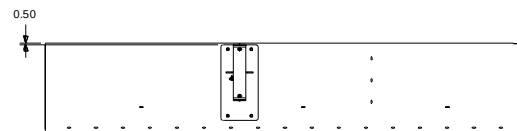
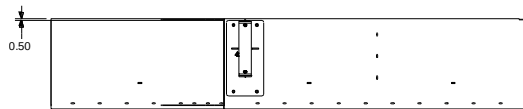
Later Style Adjustable Boom Support Placement (III) (99905154)



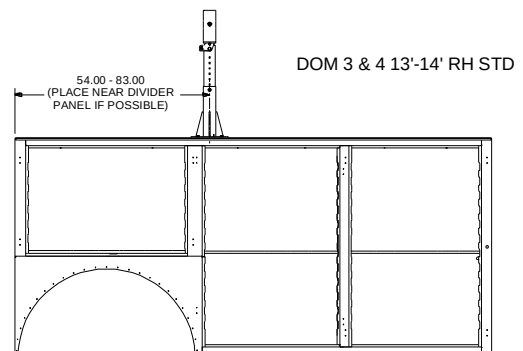
DOM 3 & 4 13'-14' RH RSD



DOM 3 & 4 13'-14' RH STD



DOM 3 & 4 13'-14' RH RSD



DOM 3 & 4 13'-14' RH STD

NOTE: BOOM SUPPORT IS LOCATED 88"-117" FROM REAR OF CRANE COMPARTMENT.

CHAPTER 10

Stabilizers

In This Chapter

Stabilizer Installation (99904082)175

Stabilizer Hydraulic Installation (99904110).....185

Stabilizer Hydraulic Schematic (99904110)186

Cylinder Assembly, Right Side Power Out (99904714)191

Cylinder, Right Side Power Out (71413630)191

Cylinder, Left Side Power Out (99904715)194

Cylinder, Left Side Power Out (71413626)196

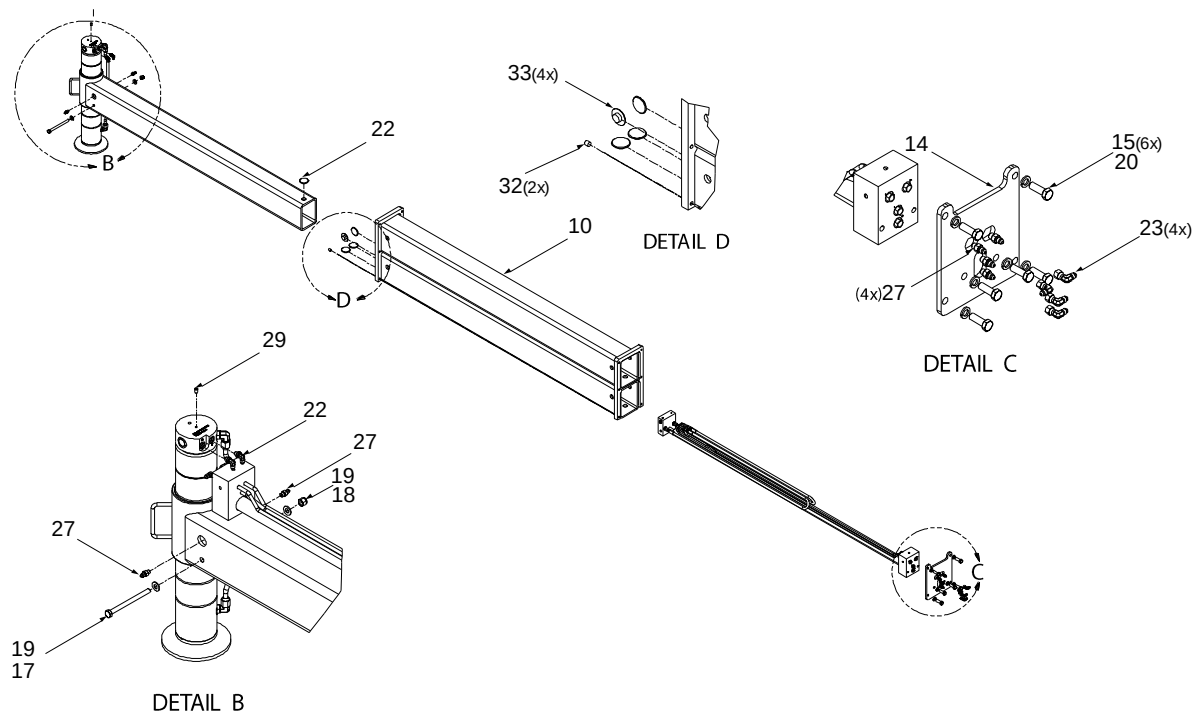
Cylinder, Power Down (71412308)196

Valvebank, Power Out (73734280)202

Valvebank, Power Down (73734281)203

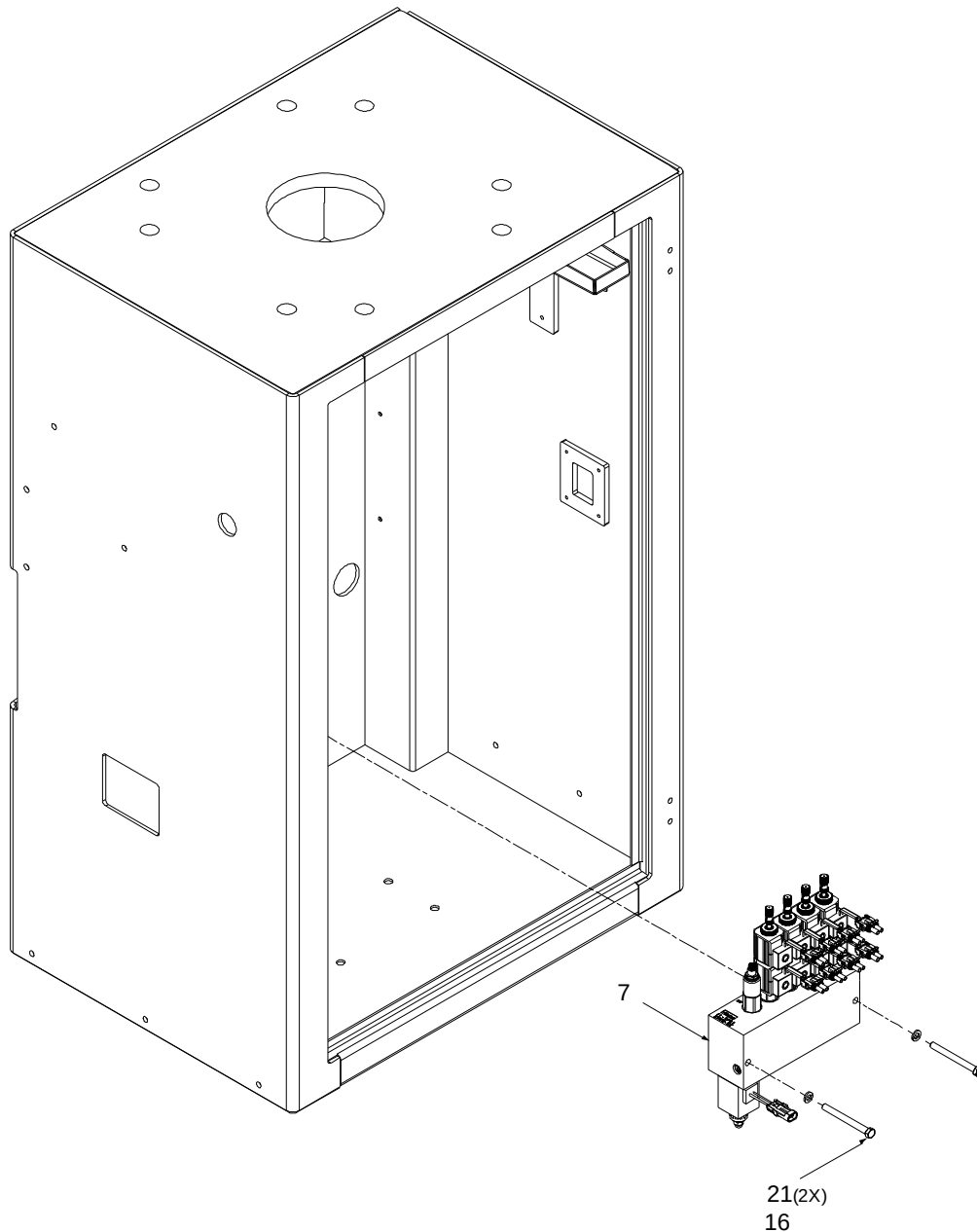
99906125 Parts List 99906125 Effective 1-18-17				
Item	Part No.	Description	Kit No.	Qty.
27	72532351	ADPTR-M STR/M JIC 4 4	#5 or 6	10
29	72601851	SET SCR .38-16X .50 SH SS	#4	4
30	71411152	RETAINING RING-EXT 4.50 STD	#4	2
31	71411151	RING-LOCK DOMINATOR OUTRIGGER	#4	2
32	72034479	PLUG-PLSTC .50-13X .50 UNC-2B	#3	3
33	60125478	WEAR PAD RND 2.00		10
Rev. A 20170118				

9990125-1



99905125-1 Parts List Effective 1-18-17				
Item	Part No.	Description	Kit No.	Qty.
10	52720463	D(II)-WLDMT-OUTRIGGER ARM SUPPORT		1
14	60130708	PLATE-OTR RH REAR CYL MNT D4		1
17	72060103	CAP SCR .50-13X 6.00 HH GR5 Z	#3	2
18	72062080	NUT .50-13 HEX NYLOCK	#3	2
19	72063005	WASHER .50 FLAT	#3	4
20	72063053	WASHER .50 LOCK	#3	12
22	72053758	ELBOW-M STR/90/M JIC 4 4	#5 or 6	4
23	72532690	ELBOW-M JIC/90/F JIC SW 4 4	#5 or 6	8
27	72532351	ADPTR-M STR/M JIC 4 4	#5 or 6	10

99905125-1 Parts List Effective 1-18-17				
Item	Part No.	Description	Kit No.	Qty.
29	72601851	SET SCR .38-16X .50 SH SS	#4	4
32	72034479	PLUG-PLSTC .50-13X .50 UNC-2B	#3	3
33	60125478	WEAR PAD RND 2.00		10
REV. A 20170118				

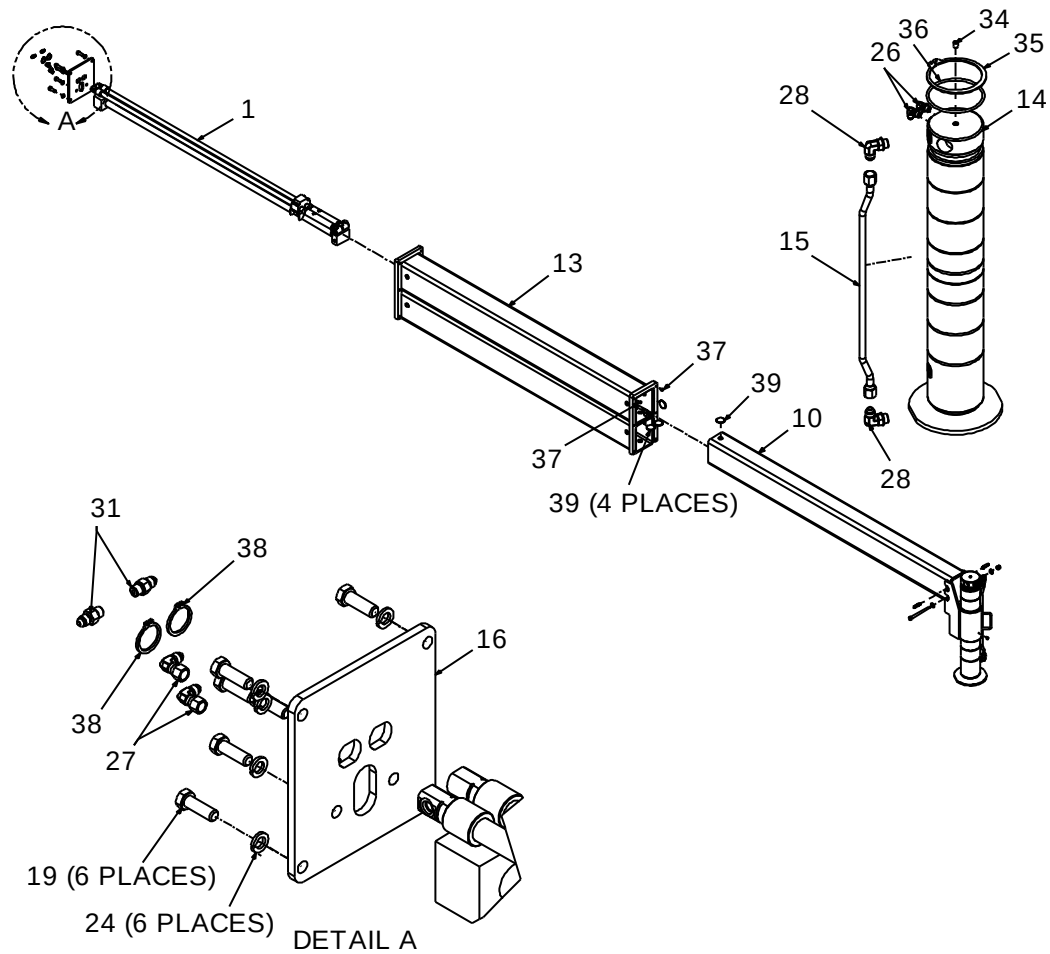
99906125-2

99906125-2 Parts List Effective 1-18-17				
Item	Part No.	Description	Kit No.	Qty
7	73735050	VALVE BANK-4 SECT DOM 3 STABILIZER 12VDC		1

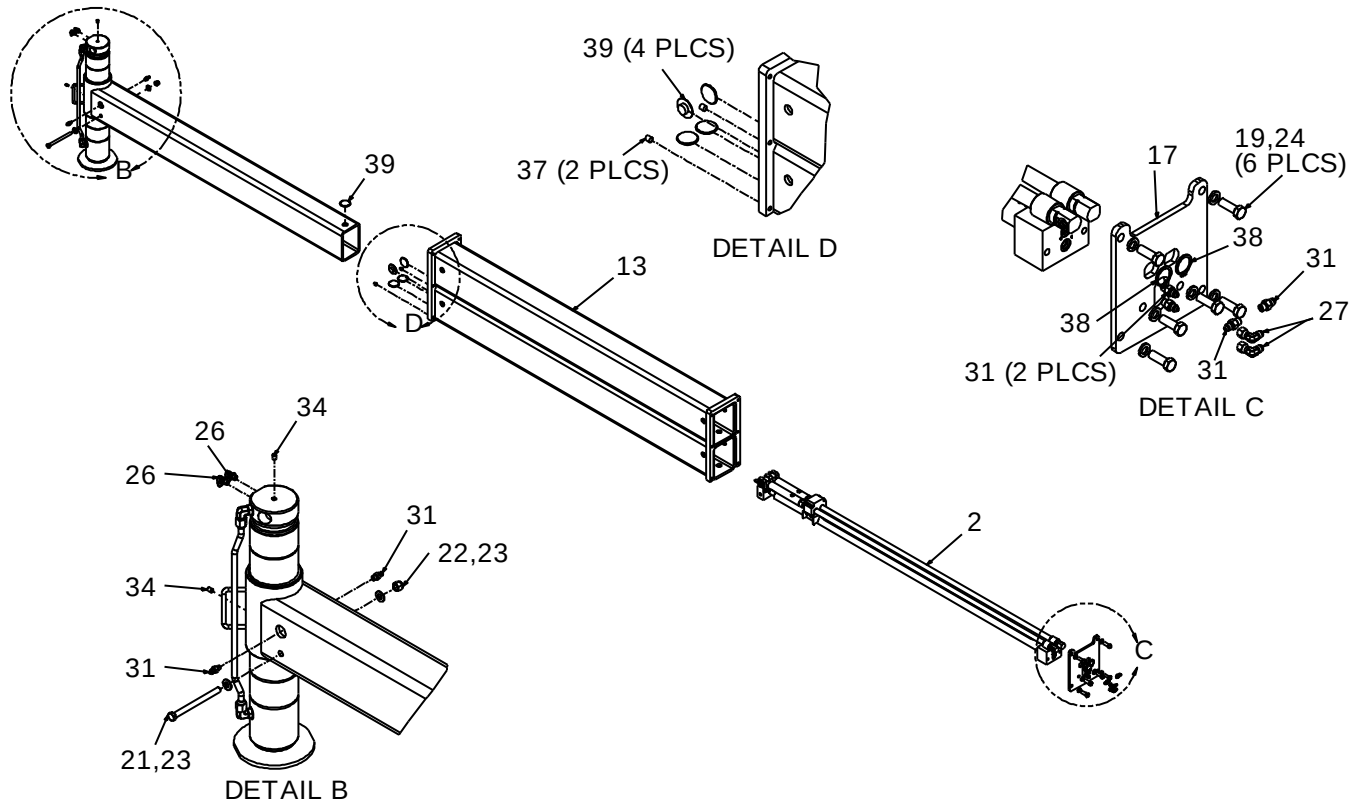
99906125-2 Parts List Effective 1-18-17				
Item	Part No.	Description	Kit No.	Qty
16	72060923	CAP SCR .38-16X 3.75 HH GR5 Z	#3	2
21	72063051	WASHER .38 LOCK	#3	2
Rev. A 20170118				

Stabilizer Installation (99904082)

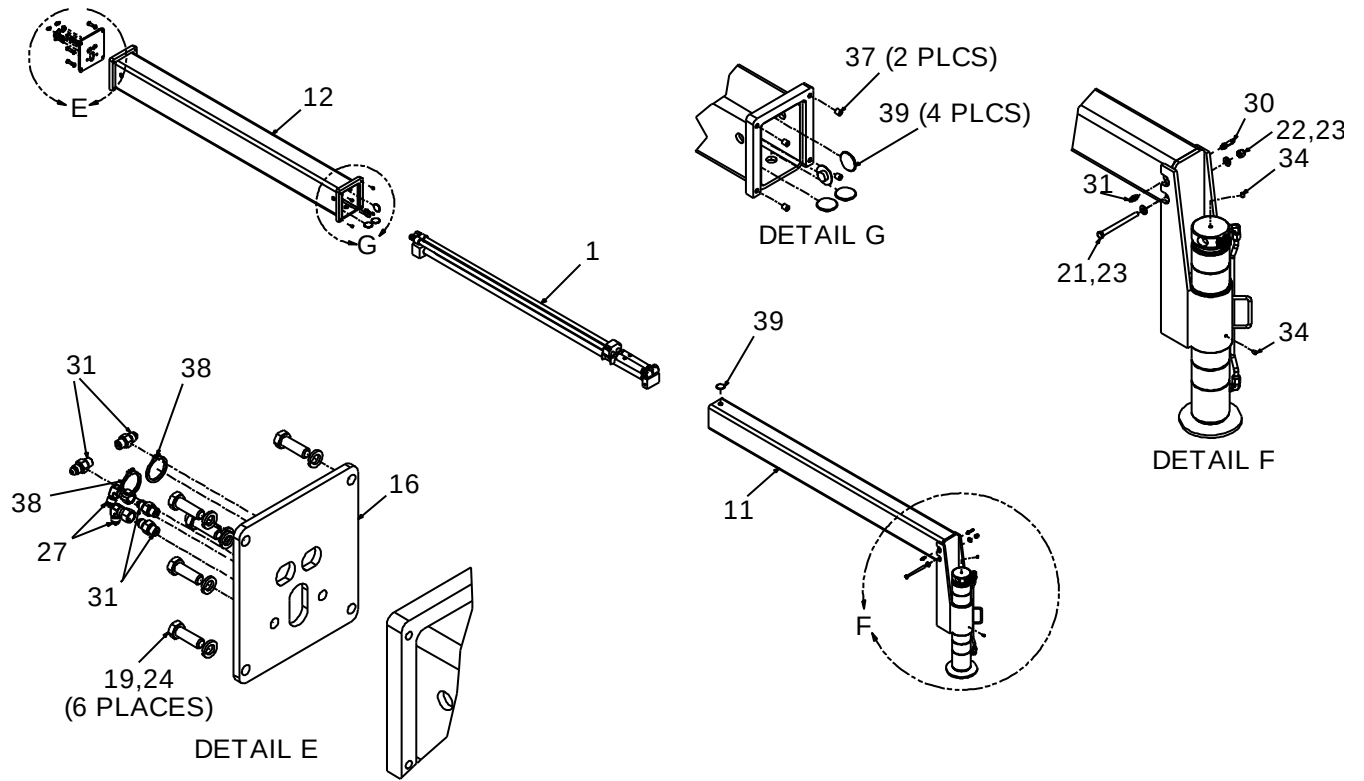
Effective through 1-17-17



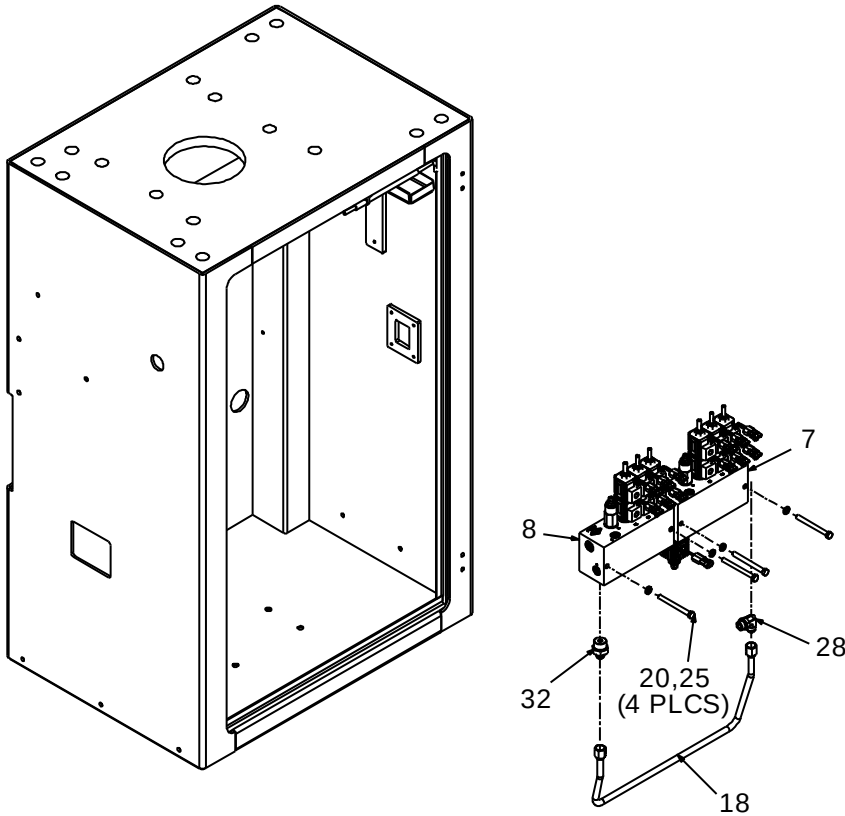
99904082-2 DRAWING



99904082-3 DRAWING



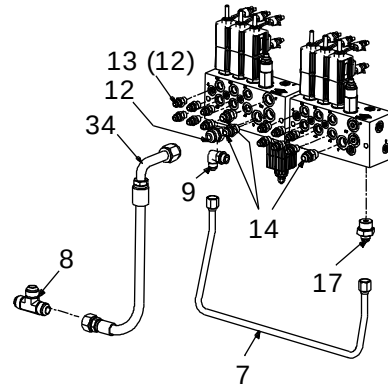
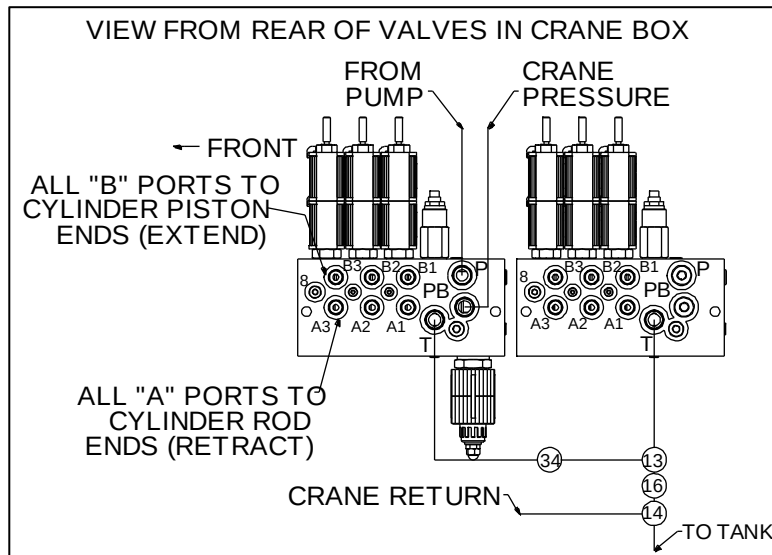
VALVE BANK LOCATION IN CRANE BOX



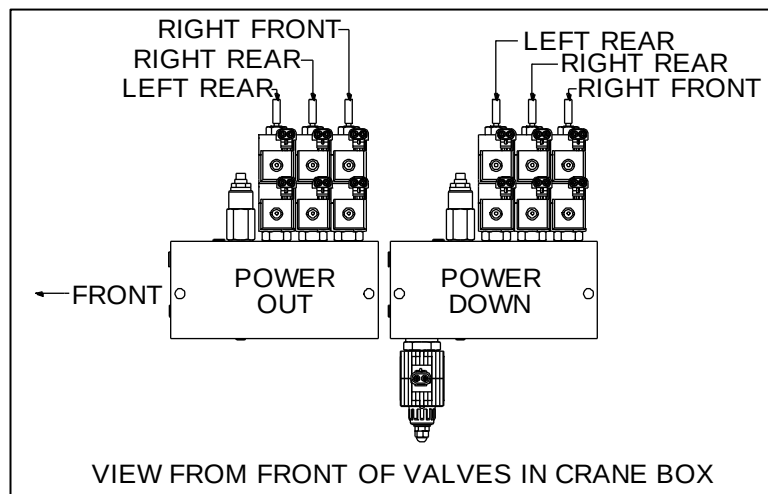
99904082 PARTS LIST Effective through 1-17-17					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
1.	99904714	DRAWING-RIGHT HAND POWER OUT CYLINDER ASSEMBLY			REF
2.	99904715	DRAWING-LEFT HAND POWER OUT CYLINDER ASSEMBLY			REF
3.	51720582	HARDWARE KIT-STABILIZER (INCL 17-24)			REF
4.	51720724	HARDWARE KIT-STABILIZER LOCKRINGS			REF
5.	91720584	HYDRAULIC KIT-STABILIZERS, D4 14' (INCL 25-29)			REF
6.	91720585	HYDRAULIC KIT-STABILIZERS, D4 19' (INCL 25-29)			REF
7.	73734280	VALVE BANK-3 SECTION POWER DOWN			1
8.	73734281	VALVE BANK-3 SECTION POWER OUT			1
9.	52720460	WELDMENT-STABILIZER SLIDE OUT LH			1
10.	52720461	WELDMENT-STABILIZER SLIDE OUT RR			1
11.	52720470	WELDMENT-STABILIZER SLIDE OUT RR			1

99904082 PARTS LIST Effective through 1-17-17					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
12.	52720558	WELDMENT-STAB ARM SUPPORT FRONT			1
13.	52720463	WELDMENT-STABILIZER ARM SUPPORT			1
14.	71412308	CYLINDER	3.5 BORE		3
15.	5P288970	PORT TUBE	.5 OD X 20.67 LG		3
16.	60130300	PLATE-STAB LH CYLINDER MOUNT			2
17.	60130708	PLATE-STAB RH REAR CYLINDER MOUNT			1
18.	71413868	TUBE ASSEMBLY-HYDRAULIC	0.50 OD X 17.19		1
19.	72060093	CAP SCREW	.50-13X 1.50 HH GR5 Z	#3	18
20.	72060923	CAP SCREW	.38-16X 3.75 HH GR5 Z	#3	4
21.	72060103	CAP SCREW	.50-13X6 HHGR5Z	#3	3
22.	72062080	NUT	.50-13 HEX NYLOCK	#3	3
23.	72063005	WASHER	.50 FLAT	#3	6
24.	72063053	WASHER	.50 LOCK	#3	18
25.	72063051	WASHER	.38 LOCK	#3	4
26.	72053758	ELBOW-	M STR/90/M JIC 4 4	#5 OR 6	6
27.	72532690	ELBOW-	M JIC/F JIC SW 4 4	#5 OR 6	6
28.	72053763	ELBOW-	M STR/90/M JIC 8 8	#5 OR 6	7
29.	72532358	ADPTR-	M STR/M JIC 8 8	#5 OR 6	5
30.	72534477	ADPTR-	M STR/M JIC 4 4 XLG	#5 OR 6	3
31.	72532351	ADPTR-	M STR/M JIC 4 4	#5 OR 6	15
32.	72532360	ADPTR-	M STR/M JIC 4 4	#5 OR 6	1
33.	72532355	ADPTR-	M STR/M JIC 6 6	#5 OR 6	12
34.	72601851	SET SCREW	.38-16 X .50 SH SS	#4	6
35.	71411152	RETAINING RING-EXT	4.5 STD	#4	3
36.	71411151	RING-LOCK DOMINATOR STAB		#4	3
37.	72034479	PLUG-PLASTIC		#3	8
38.	72661670	RETAINING RING-EXT	1.19 HD		6
39.	60125478	WEAR PAD-ROUND	2.00		15
REV. B 20100111					

Stabilizer Hydraulic Installation (99904110)



SEE 99903766 FOR HOSES TO CRANE, PUMP, TANK



NOTES

- 1 3-SECTION POWER-DOWN VALVEBANK SET AT 3200 PSI CRACKING PRESSURE. (APPROXIMATELY 3500 PSI AT FULL FLOW.)
- 2 3-SECTION POWER-OUT VALVEBANK SET AT 1500 PSI CRACKING PRESSURE.

MANUAL OVERRIDE / EMERGENCY OPERATION PROCEDURE:

- 1 REMOVE ACORN NUT
- 2 LOOSEN JAM NUT
- 3 TURN ADJUSTMENT SCREW CLOCKWISE UNTIL IT BOTTOMS OUT.
- 4 RAISE LOCKING COLLAR AND PUSH PLUNGER TO RETRACT OR PULL UP TO EXTEND FUNCTION.

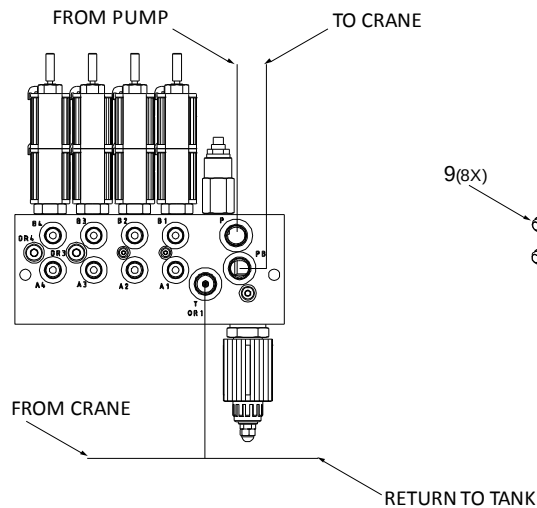
- 5 RELEASE PLUNGER AND LOCKING COLLAR ON ANY ACTIVATED VALVE.
- 6 PUSH AND RELEASE PLUNGER TO RETURN LOCKING COLLAR TO NEUTRAL POSITION.
- 7 RETURN ADJUSTMENT SCREW TO ORIGINAL POSITION.
- 8 TIGHTEN JAM NUT.
- 9 REINSTALL ACORN NUT.

99904110 PARTS LIST Effective through 1-17-17					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
1.	91720584	HYDRAULIC KIT- DOM STABILIZER 14'			REF
2.	91720585	HYDRAULIC KIT- DOM STABILIZER 19'			REF
3.	73734280	VALVE BANK- 3 SECT DOM STABILIZER POWER DOWN			1
4.	73734281	VALVE BANK- 3 SECT DOM STABILIZER POWER OUT			1
5.	99904715	DRAWING-STABILIZER LEFT HAND POWER OUT CYLINDER ASSEMBLY			1
6.	99904714	DRAWING-STABILIZER RIGHT HAND POWER OUT CYLINDER ASSEMBLY			2
7.	71413868	TUBE ASM-HYDRAULIC	0.50 O.D X 17.19		1
8.	72532695	TEE-MALE JIC	1.06-12 .75 TUBE	#1 or 2	1
9.	72053763	ELBOW	M STR/90/M JIC 8 8	#1 or 2	7
10.	72532690	ELBOW	M JIC/90/F JIC SW 4 4	#1 or 2	16
11.	72053758	ELBOW	M STR/90/M JIC 4 4 (WAS 6)	#1 or 2	3
12.	72532364	ADAPTER	M STR/M JIC 8 12	#1 or 2	1
13.	72532355	ADAPTER	M STR/M JIC 6 6	#1 or 2	12
14.	72532358	ADAPTER	M STR/M JIC 8 8	#1 or 2	3
15.	72532351	ADAPTER	M STR/M JIC 4 4	#1 or 2	15
16.	72534477	ADAPTER	M STR/M JIC 4 4 XLG	#1 or 2	3
17.	72532360	ADAPTER	M STR/M JIC 12 8	#1 or 2	1
18.	72533567	ELBOW	MSTR/MJUIC XLC 4 4	#1 or 2	3
19.	51396973	HOSE	FJ .50 X 13.5 OAL (8-8) 100R17	#1 or 2	2
20.	51396974	HOSE	FJ .75 X 18.00 OAL (12-12) 100R17	#1 or 2	2
21.	51396975	HOSE	FJ .25 X 13 OAL (4-4) 100R17	#1 or 2	2
22.	51397252	HOSE	FJ .25 X 53 OAL (4-6) 100R17	#1 or 2	1
23.	51397253	HOSE	FZ .25 X 53.00 OAL (4-6) 100R17	#1 or 2	1
24.	51397254	HOSE	FJ .25 X 43.00 (4-6) 100R17	#1 or 2	1
25.	51397255	HOSE	FZ .25 X 43.00 (4-6) 100R17	#1 or 2	1
26.	51397256	HOSE	FJ .25 X 92.00 (4-6) 100R17	#1 or 2	1
27.	51397257	HOSE	FJ .25 X 92.00 (4-6) 100R17	#1 or 2	1
28.	51397258	HOSE	FJ .25 X 104.00 (4-6) 100R17	#1 or 2	1
29.	51397259	HOSE	FZ .25 X 104.00 (4-6) 100R17	#1 or 2	1
30.	51397260	HOSE	FJ .25 X 204.00 (4-6) 100R17	#1	2
31.	51397261	HOSE	FZ .25 X 204.00 (4-6) 100R17	#1	2
32.	51397262	HOSE	FJ .25 X 264.00 (4-6) 100R17	#2	2
33.	51397263	HOSE	FZ .25 X 264.00 (4-6) 100R17	#2	2
34.	51714157	HOSE	FZ .75 X 25.00 (12-12) 100R2	#1 or 2	1
REV D 20101215					

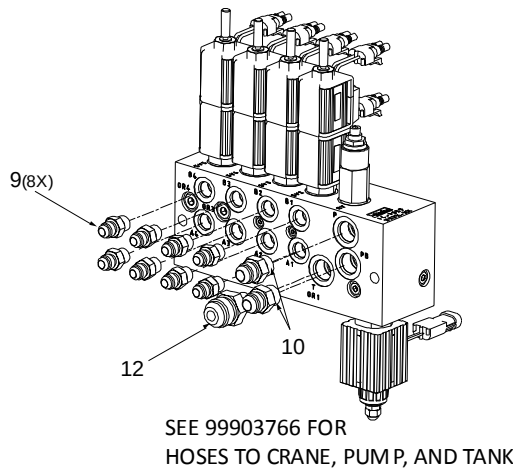
Hydraulic Plumbing Diagram (99906126)

Effective 1-18-17

VIEW FROM REAR OF
VALVES IN CRANE BOX



VIEW FROM INSIDE
CRANE BOX



NOTES:

MANUAL OVERRIDE PROCEDURE:

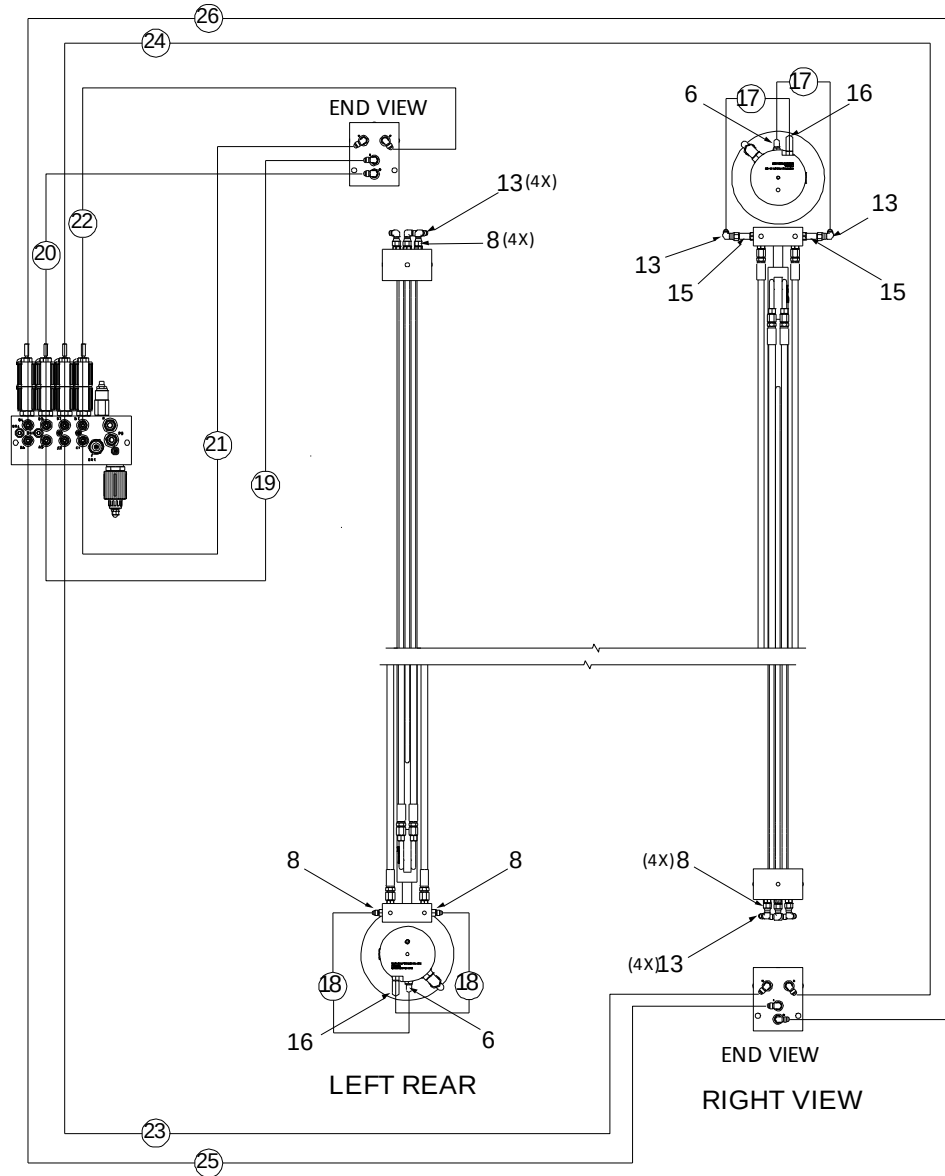
1. REMOVE ACORN NUT.
2. LOOSEN JAM NUT.
3. TURN ADJUSTMENT SCREW CLOCKWISE UNTIL IT BOTTMS OUT.
4. RAISE LOCKING COLLAR AND PUSH PLUNGER TO RETRACT OR PULL UP TO EXTEND FUNCTION.
5. RELEASE PLUNGER AND LOCKING COLLAR ON ANY ACTIVATED VALVE.
6. PUSH AND RELEASE PLUNGER TO RETURN LOCKING COLLAR TO NEUTRAL POSITION.
7. RETURN ADJUSTMENT SCREW TO ITS ORIGINAL POSITION.
8. TIGHTEN JAM NUT.
9. INSTALL ACORN NUT.

99906126 Parts List Effective 1-18-17

Item	Part No.	Description	Kit No.	Qty.
9	72532355	ADPTR-M STR/M JIC 6 6	#1	9
10	72532358	ADPTR-M STR/M JIC 8 8	#1	4
12	72532364	ADPTR-M STR/M JIC 8 12	#1	1

REV. A 20170117

99906126-1 Effective 1-18-17



NOTES:

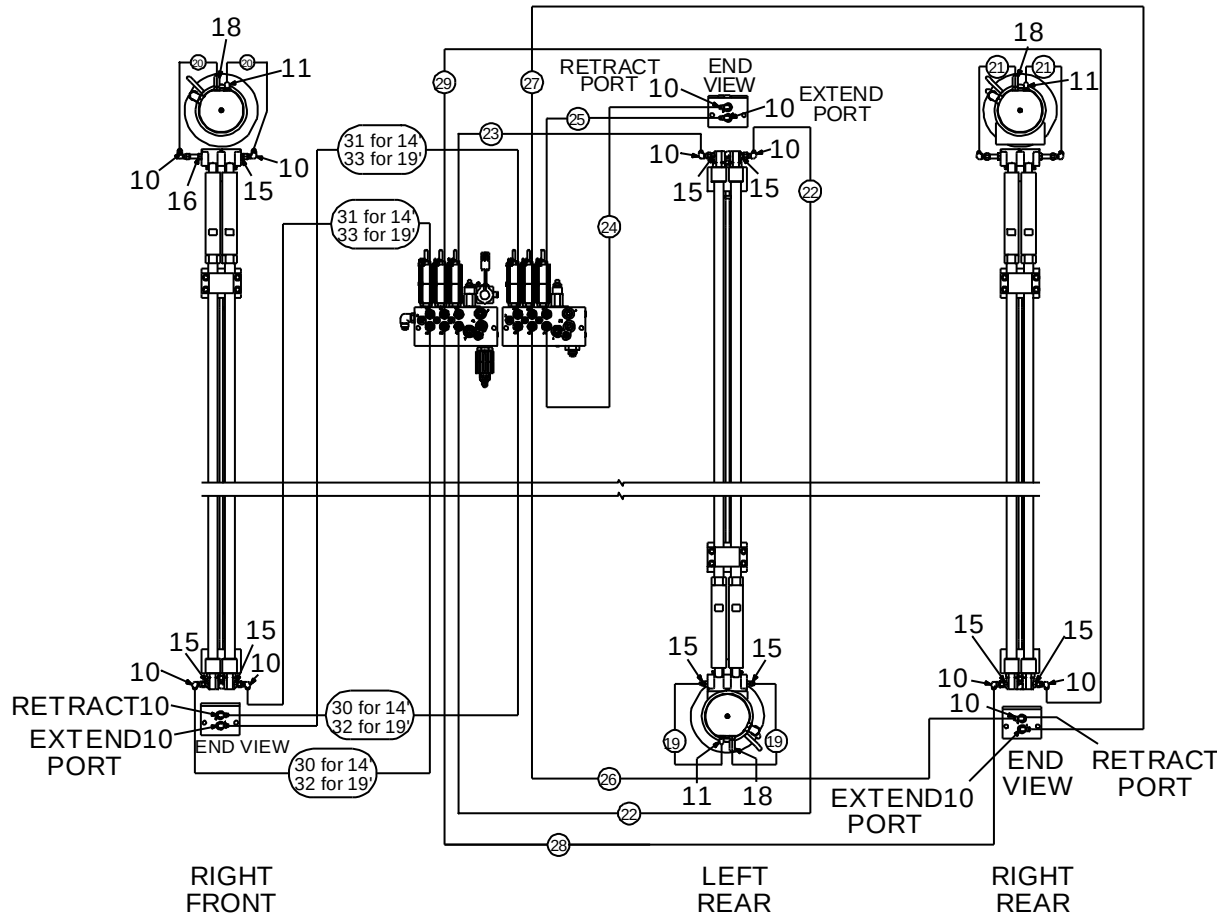
EXTEND PORTS ON NAMIFOLDS: B1, B2, B3, AND B4.

RETRACT PORTS ON MANIFOLDS: A1, A2, A3, AND A4.

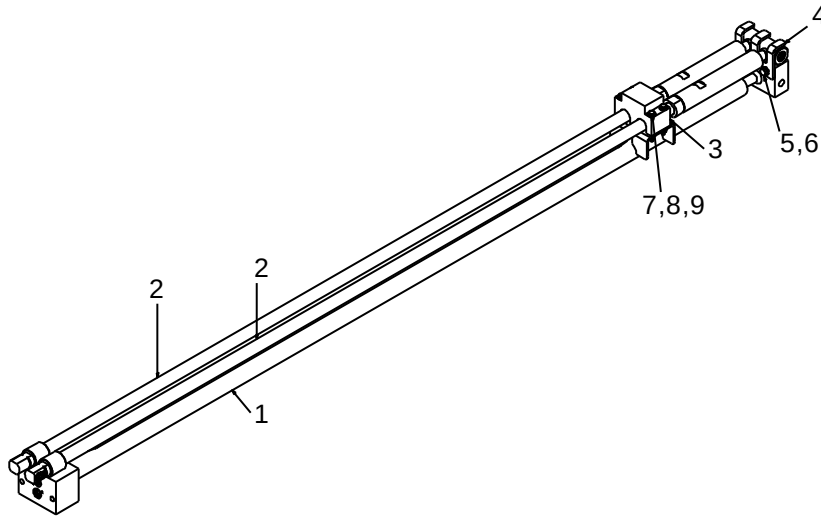
99906126-1 Parts List Effective 01-18-17				
Item	Part No.	Description	Kit No.	Qt.
6	72053758	ELBOW-M STR/90/M JIC 4 4	#1	2
8	72532351	ADPTR-M STR/M JIC 4 4	#1	10
13	72532690	ELBOW-M JIC/90/F JIC SW 4 4	#1	8
15	72534477	ADPTR-M STR/M JIC 4 4 XLG	#1	2
16	72533567	ELBOW-M STR/M JIC XLG 4 4	#1	2

99906126-1 Parts List Effective 01-18-17				
Item	Part No.	Description	Kit No.	Qt.
17	51396974	HOSE-FJ .25 X 18.00 (4-4) 100R17	#1	2
18	51396975	HOSE-FJ .25 X 13.00 (4-4) 100R17	#1	2
19	51397252	HOSE-FJ .25 X 53.00 (4-6) 100R17	#1	1
20	51397253	HOSE-FZ .25 X 53.00 (4-6) 100R17	#1	1
21	51397254	HOSE-FJ .25 X 43.00 (4-6) 100R17	#1	1
22	51397255	HOSE-FZ .25 X 43.00 (4-6) 100R17	#1	1
23	51397256	HOSE-FJ .25 X 92.00 (4-6) 100R17	#1	1
24	51397257	HOSE-FZ .25 X 92.00 (4-6) 100R17	#1	1
25	51397258	HOSE-FJ .25 X 104.00 (4-6) 100R17	#1	1
26	51397259	HOSE-FZ .25 X 104.00 (4-6) 100R17	#1	1
REV. A 20170119				

Stabilizer Hydraulic Schematic (99904110)



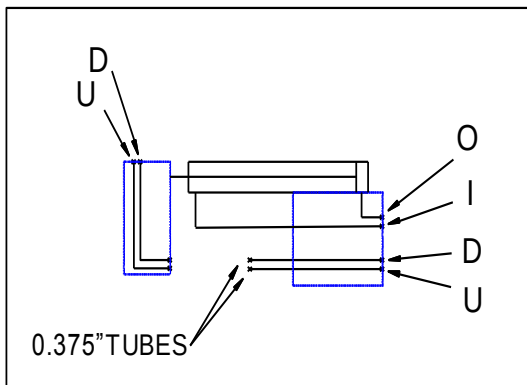
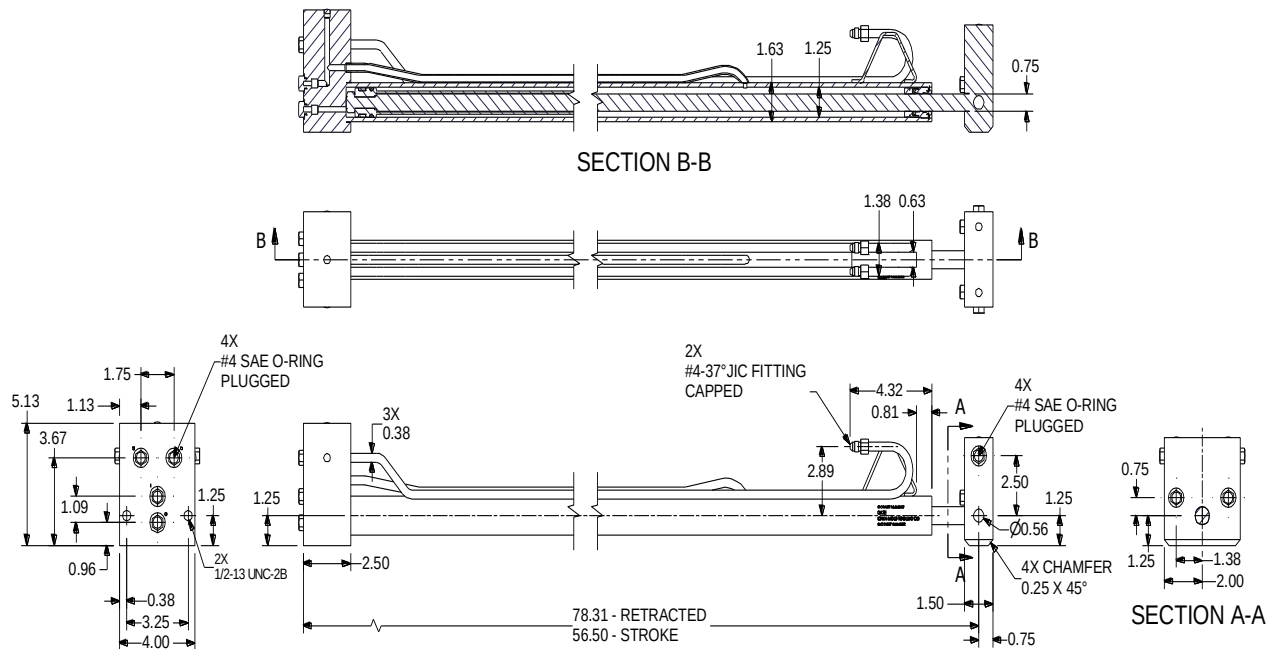
Cylinder Assembly, Right Side Power Out (99904714)



99904714 PARTS LIST Effective through 1-17-17			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	71413630	CYLINDER-1.2/.7 56.50S 78.31CC C	1
2.	51722477	TUBE ASSEMBLY-POWER OUT STABILIZER	2
3.	71413633	BLOCK-SPACER STABILIZER CYL TRANSFER	1
4.	60134727	BRACKET-DOM IV STABILIZER	1
5.	72063051	WASHER .38 LOCK	2
6.	72060044	CAP SCREW .38-16X .75 HH GR5 Z	2
7.	72063001	WASHER .25 FLAT	8
8.	72060010	CAP SCREW .25-20X 2.50 HH GR5 Z	4
9.	72062104	NUT .25-20 HEX NYLOCK	4
NEW 20100111			

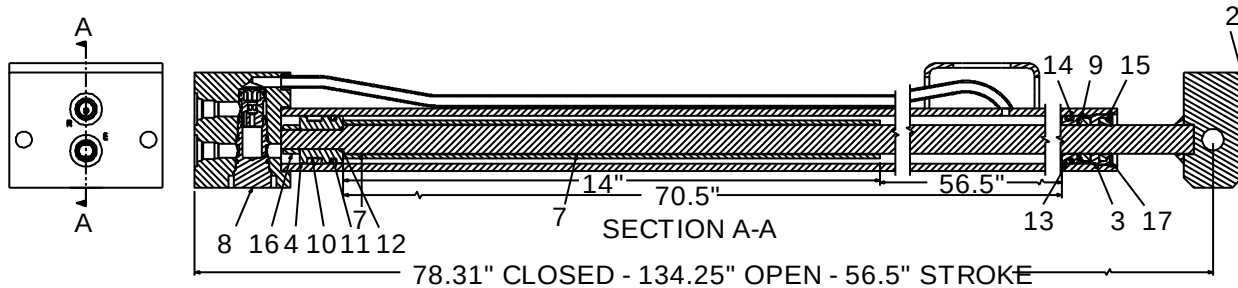
Cylinder, Right Side Power-Out (71416542)

Effective: 1-18-17



SEAL KIT P / N: 94399991

Cylinder, Right Side Power Out (71413630)



NOTES:

- 1 TO REDUCE DOWNTIME, REPLACE ALL COMPONENTS OF THE SEAL KIT WHENEVER THE CYLINDER IS DISASSEMBLED.
- 2 APPLY NEVER-SEEZ LUBRICATING COMPOUND TO THREADS ON THE CYLINDER HEAD ONLY. KEEP AWAY FROM ALL SEALS.
- 3 APPLY LUBRIPLATE 630-2 MEDIUM HEAVY, MULTI-PURPOSE LUBRICANT TO ALL SEALS ON PISTON, HEAD GLAND, AND HOLDING VALVE; AND APPLY TO NYLON LOCK RING, CAST IRON PISTON RINGS, AND ROD STINGER THREADS.

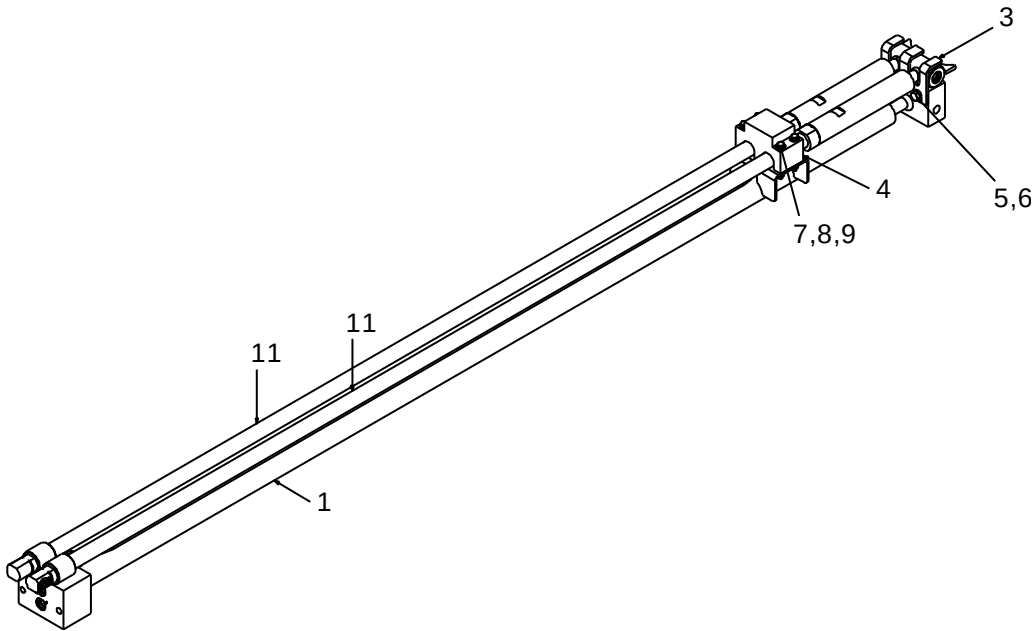
71413630 CYLINDER DATA	
EXTENDED	1.23 IN ² , 0.30 GAL VOLUME
RETRACTED	0.79 IN ² , 0.19 GAL VOLUME
CASE	1.88" BORE X Ø1.50" X 75.82" LONG
ROD	Ø 0.75" X 75.76" LONG
DRY WEIGHT	33.14 LB
TEST PRESSURE	3700 PSI
OPERATING PRESSURE	3200 PSI
PORTS	SAE #4 O-RING BOSS (7/16-20 UNF-2B)
CYLINDER TUBE BURST PRESSURE	20,000 PSI
TORQUE	10-40 FT LB PISTON, 30-35 FT-LB CARTRIDGE

71413630 PARTS LIST Effective through 1-17-17

ITEM	PART #	DESCRIPTION	KIT #	QUANTITY
1.	94396955	SEAL-KIT EXT STAB CYL		1
2.	52722500	ROD ASM- .75 DIA X 75.76 LG 1.63 S		1
3.	71412593	HEAD-1.25 BORE X .75 ROD		1
4.	71412592	PISTON-1.25 BORE X .75 ROD X 1.63 STG		1
5.	52722501	CASE ASM-1.25 BORE X 75.82 LG		1
7.	60134706	STOP TUBE .75 ROD X 14.00 LONG		1
8.	73054218	VALVE-CHECK PILOT/OPEN NONVENT 100PSI		1
9.	76396941	SEAL-ROD .75ID X .187CS DEEP Z-TYPE	#1	1
10.	76396950	WEAR RING-PISTON 1.25OD X .38W X .125CS	#1	1
11.	76396954	SEAL-PISTON BACKER 1.25 OD X 1.00 ID	#1	1
12.	7Q072014	O RING .50X .62X .06 70	#1	1
13.	7Q072214	O RING 1.00X 1.25X .12 70	#1	1

71413630 PARTS LIST Effective through 1-17-17				
ITEM	PART #	DESCRIPTION	KIT #	QUANTITY
14.	7Q10P214	BACK-UP RING 1 BORE 1.25 O.D. 0.049 THK	#1	1
15.	7R14P007	ROD WIPER TYPE D .75 ROD	#1	1
16.	72062108	NUT .50-20 HEX CENTER LOCKING GR8 Z		1
17.	72066029	RETAINING RING-INT 1.31 STD		1
REV C 20120308				

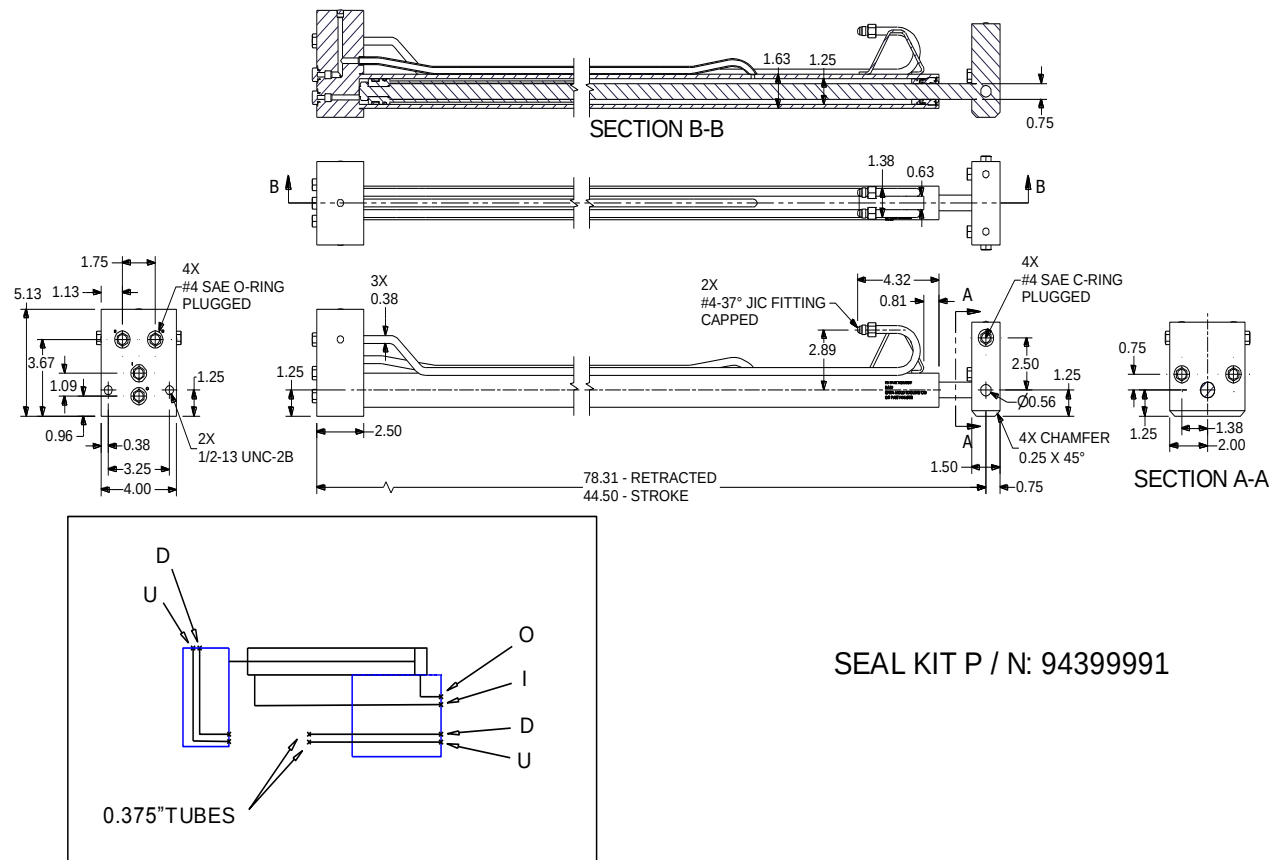
Cylinder, Left Side Power Out (99904715)



99904715 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	71413626	CYLINDER-1.2/7 44.50S 78.31CC C	1
3.	60134727	BRACKET-DOM IV STABILIZER	1
4.	71413633	BLOCK-SPACER STABILIZER CYL TRANSFER	1
5.	72063051	WASHER .38 LOCK	2
6.	72060044	CAP SCREW .38-16X .75 HH GR5 Z	2
7.	72063001	WASHER .25 FLAT	8
8.	72060010	CAP SCREW .25-20X 2.50 HH GR5 Z	4
9.	72062104	NUT .25-20 HEX NYLOCK	4
11.	51722724	TUBE ASSEMBLY-POWER OUT STABILIZERS	2
NEW 20100111			

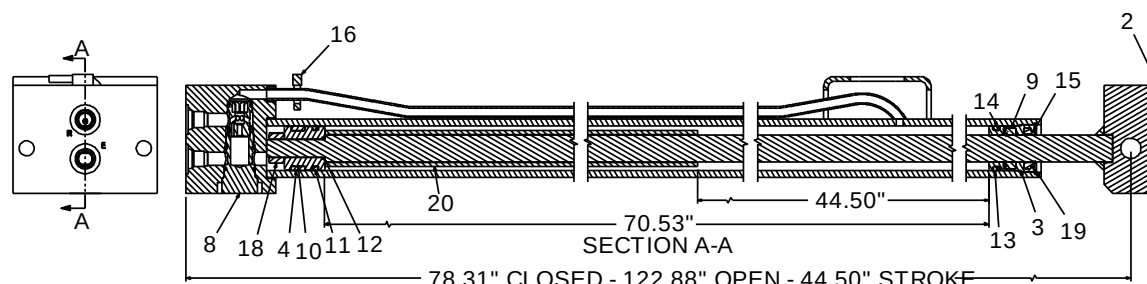
Cylinder, Left Side Power-Out (71416541)

Effective: 1-18-17



Cylinder, Left Side Power Out (71413626)

Effective through 1-17-17



NOTES:

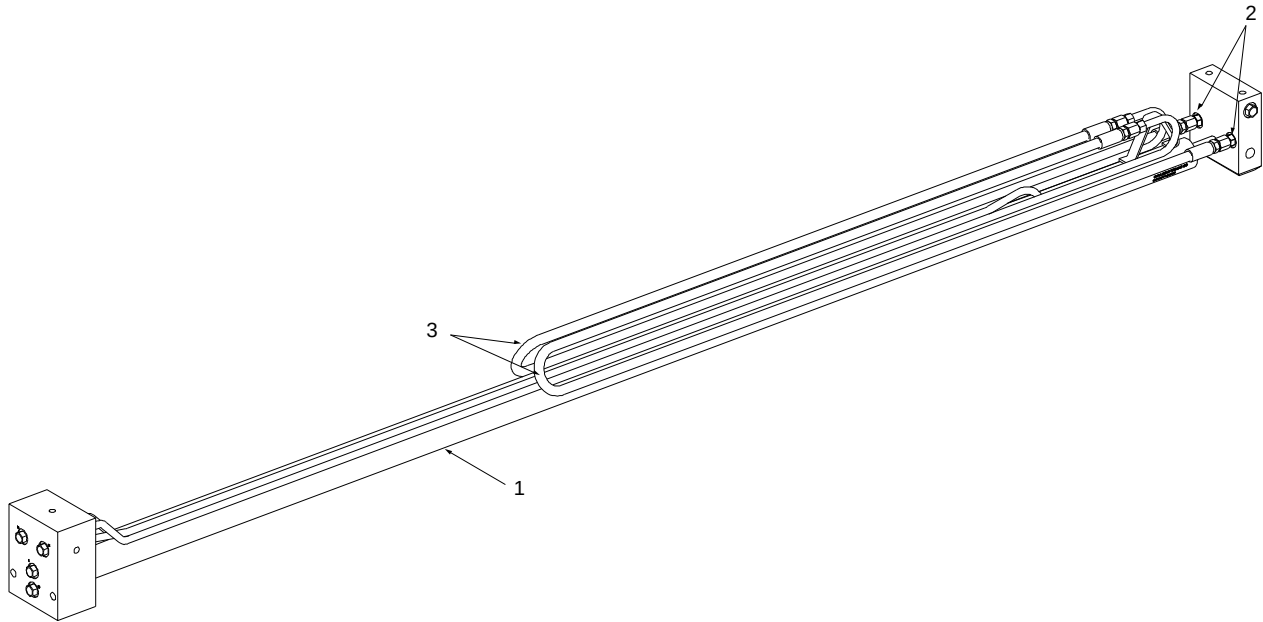
- 1 TO REDUCE DOWNTIME, REPLACE ALL COMPONENTS OF THE SEAL KIT WHENEVER THE CYLINDER IS DISASSEMBLED.
- 2 APPLY NEVER-SEEZ LUBRICATING COMPOUND TO THREADS ON THE CYLINDER HEAD ONLY. KEEP AWAY FROM ALL SEALS.
- 3 APPLY LUBRIPLATE 630-2 MEDIUM HEAVY, MULTI-PURPOSE LUBRICANT TO ALL SEALS ON PISTON, HEAD GLAND, AND HOLDING VALVE; AND APPLY TO NYLON LOCK RING, CAST IRON PISTON RINGS, AND ROD STINGER THREADS.

71413626 CYLINDER DATA	
EXTENDED	1.23 IN ² , 0.24 GAL
RETRACTED	0.79 IN ² , 0.15 GAL
CASE	1.63 x 1.25 x 75.82"
ROD	0.75 x 76.06"
DRY WEIGHT	33.14 LB
TEST PRESSURE	3000 PSI
OPERATING PRESSURE	2500 PSI
TORQUES	PISTON - 710 - 740 FT-LB HEAD - 125 FT-LB CAP SCREW - 16 FT-LB

71413626 PARTS LIST

ITEM	PART #	DESCRIPTION	KIT #	QTY
1.	94396955	SEAL-KIT EXT STAB CYL		1
2.	52722500	ROD ASM- .75 DIA X 76.06 LG 1.63 S		1
3.	71412593	HEAD-1.25 BORE X .75 ROD		1
4.	71412592	PISTON-1.25 BORE X .75 ROD X 1.63 STG		1
5.	52722501	CASE ASM-1.25 BORE X 75.82 LG		1
8.	73054218	VALVE-CHECK PILOT/OPEN NONVENT 100PSI		1
9.	76396941	SEAL-ROD .75ID X .187CS DEEP Z-TYPE	#1	1
10.	76396950	WEAR RING-PISTON 1.25OD X .38W X .125CS	#1	1
11.	76396954	SEAL-PISTON BACKER 1.25 OD X 1.00 ID	#1	1
12.	7Q072014	O RING .50X .62X .06 70	#1	1
13.	7Q072214	O RING 1.00X 1.25X .12 70	#1	1
14.	7Q10P214	BACK-UP RING 1 BORE 1.25 O.D. 0.049 THK	#1	1
15.	7R14P007	ROD WIPER TYPE D .75 ROD	#1	1
18.	72062108	NUT .50-20 HEX CENTER LOCKING GR8 Z		1
19.	72066029	RETAINING RING-INT 1.31 STD		1
20.	60134710	STOP TUBE .75 ROD X 26.00 LONG		1

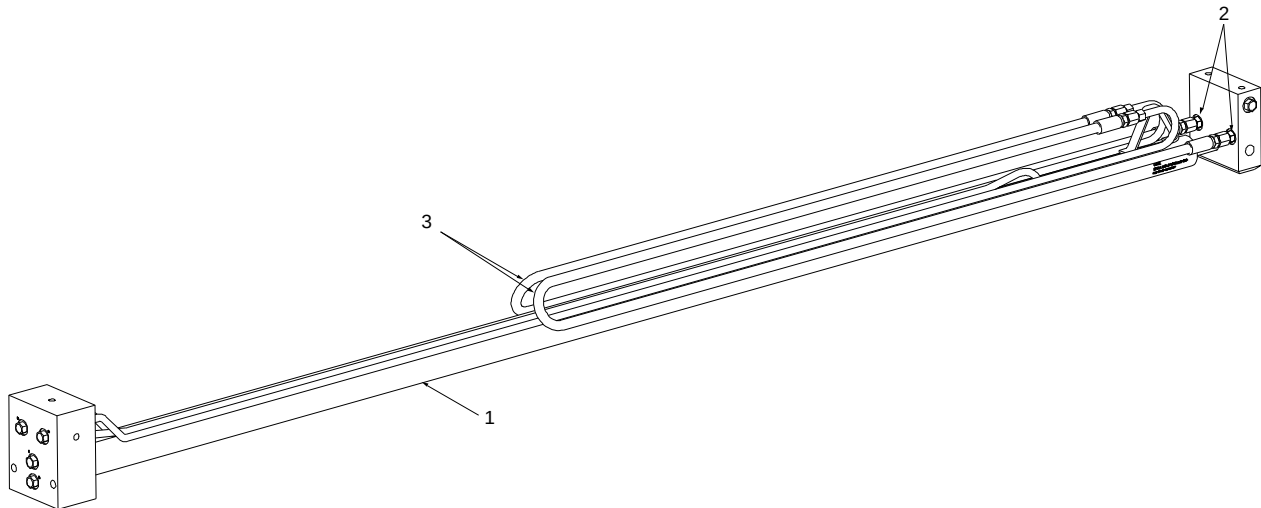
Cylinder, LH Power-Out (99906131) Effective 1-18-17



99906131 Parts List Effective: 1-18-17

Item	Part No.	Description	Qty.
1	7146541	CYL-1.2/.7 44.50S 78.31 CC C	1
2	72532351	ADPTR-M STR, KOC 4 4	2
3	51399988	HOSE – FF .25 X 92.. (4-4) 100R17AR	2
REV. A 20170119			

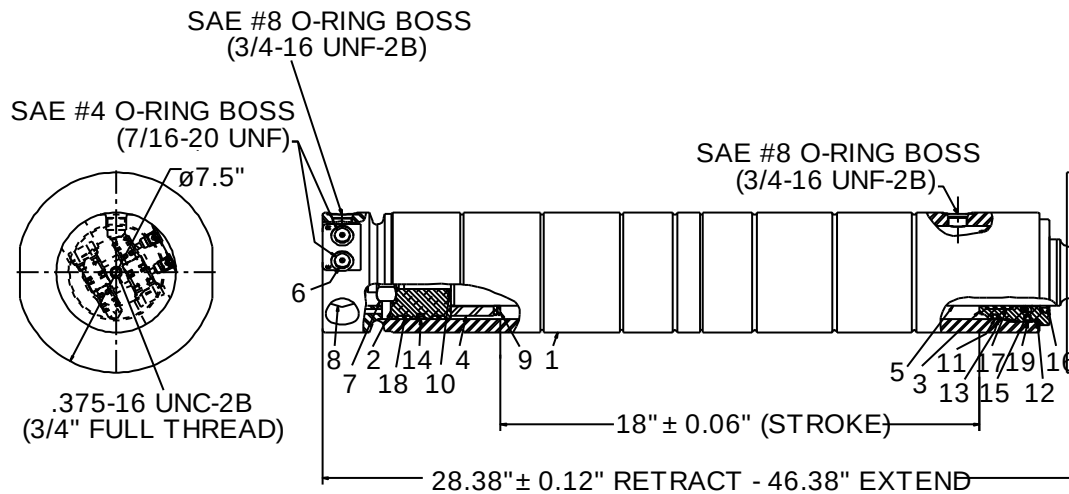
Cylinder, RH Power-Out (99906132) Effective 1-18-17



99906132 Parts List Effective: 1-18-17

Item	Part No.	Description	Qty.
1	71416542	CYL-1.2/.7 56.50 78.31 CC C	1
2	72532351	ADPTER – M STR/M JIC 4 4	2
3	51399988	HOSE – FF .25 X 92.00 (4-4) 100R17AR	2
REV. A 20170119			

Cylinder, Power Down (71412308)



NOTES:

- 1 TO REDUCE DOWNTIME, REPLACE ALL COMPONENTS OF THE SEAL KIT WHENEVER THE CYLINDER IS DISASSEMBLED.
- 2 APPLY NEVER-SEEZ LUBRICATING COMPOUND TO THREADS ON THE CYLINDER HEAD ONLY. KEEP AWAY FROM ALL SEALS.
- 3 APPLY LUBRIPLATE 630-2 MEDIUM HEAVY, MULTI-PURPOSE LUBRICANT TO ALL SEALS ON PISTON, HEAD GLAND, AND HOLDING VALVE; AND APPLY TO NYLON LOCK RING, CAST IRON PISTON RINGS, AND ROD STINGER THREADS.

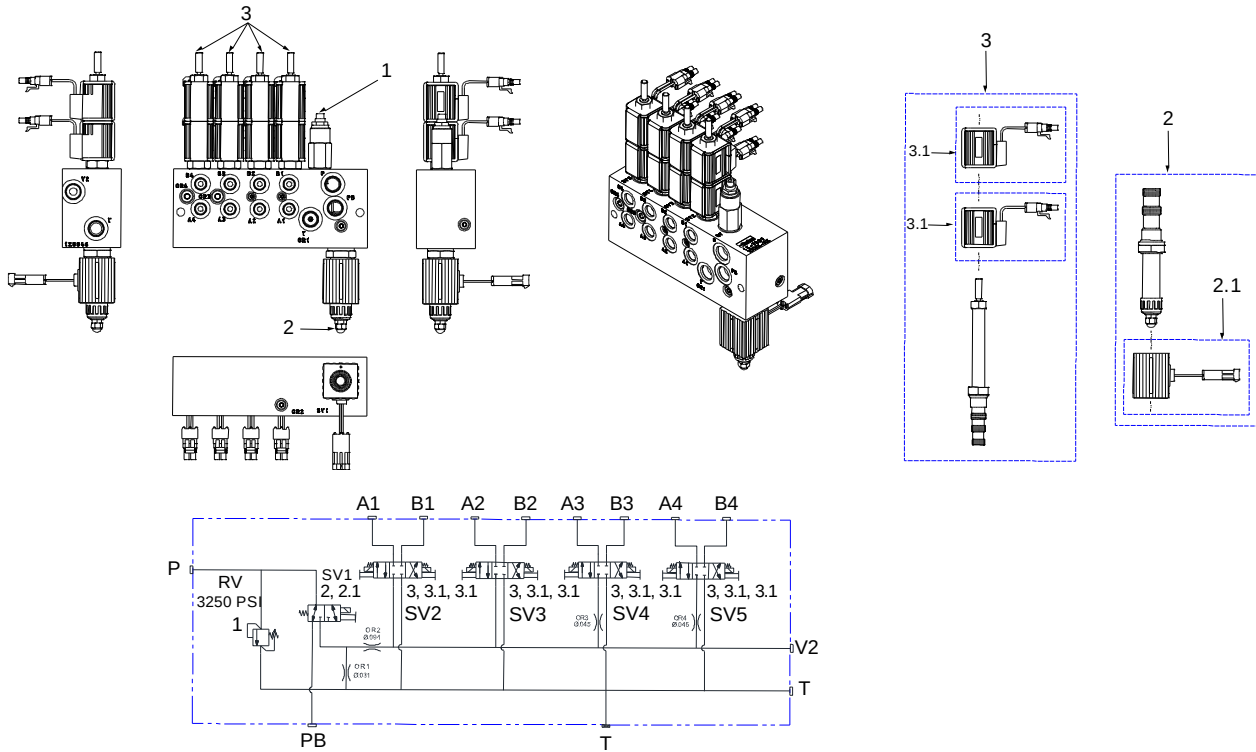
71412308 CYLINDER DATA	
EXTENDED	9.62 IN ² , 0.75 GAL
RETRACTED	4.71 IN ² , 0.37 GAL
CASE	3.50 BORE X Ø4.50"
ROD	Ø2.50"
DRY WEIGHT	93.1 LB
TEST PRESSURE	3500 PSI
OPERATING PRESSURE	3000 PSI
PORTS	SAE #4 O-RING BOSS (7/16-20 UNF-2B) (QUANTITY 2) SAE #8 O-RING BOSS (3/4-16 UNF-2B) (QUANTITY 2)
CYLINDER CASE BURST PRESSURE	19,380 PSI
TORQUES	•USING LOCTITE GRADE 271 OR EQUIVALENT, TORQUE LOCKING NUT (#5) 500-550 FT-LB WITH THREADLOCK COMPOUND. •USING LOCKTITE GRADE 243 OR EQUIVALENT, TORQUE O-RING BOSS PLUG (#6) TO 10-12 FT-LB WITH THREADLOCK COMPOUND. •TORQUE HEAD GLAND (#3) TO 250-300 FT-LB. •TORQUE CHECK VALVE (#8) TO 30-35 FT-LB.

71412308 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	71412309	CASE WLDMT-LIFT CYL	1
2.	71411930	ROD WLDMT-EXT STAB CYL	1

71412308 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
3.	71411931	HEAD GLAND-EXT STAB CYL	1
4.	71411932	PISTON-EXT STAB CYL	1
5.	-REF-	1.25-12 UNF LOCKNUT	1
6.	-REF-	SAE NO. 4 STEEL HOL. HEX PLUG	2
7.	94396793	SEAL KIT	1
8.	73054218	VALVE-CHECK PILOT/OPEN NONVENT 100PSI	2
REV. A 20061011			

Valve Bank Power-Out / Power-Down (73735050) Effective 1-17-18



NOTES:

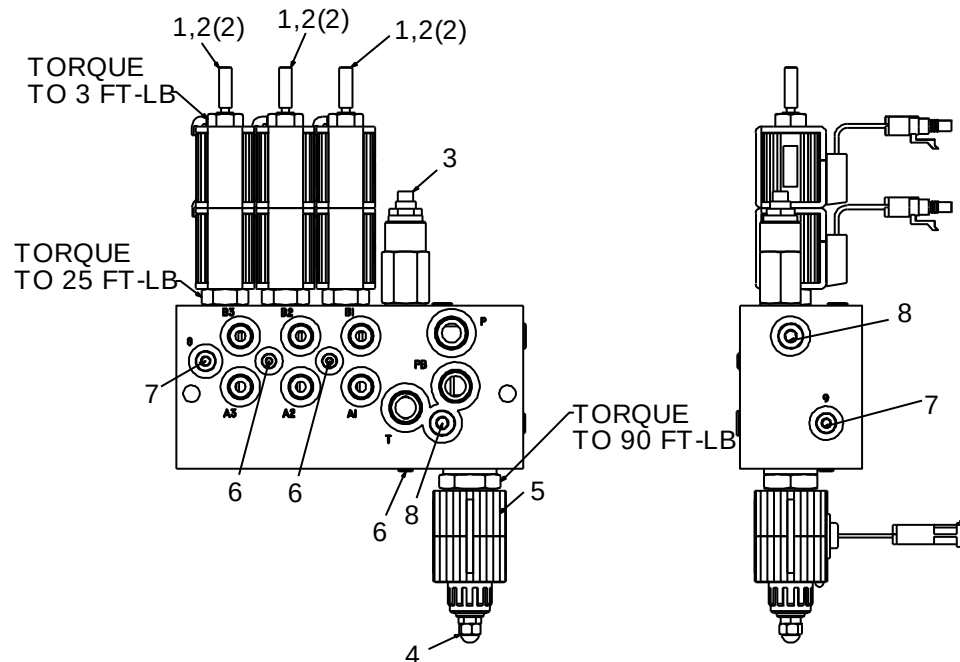
1. PORT SIZES:
 - a. SAE - 8: P, PB, T, V2, T.
 - b. SAE - 6: A1, B1, A2, B2, A3, B3, A4, B4.
2. MANFOLD IS CLEAR ANODIZED ALUM. 6062 - T65.

73735050 Parts List Effective 1-17-18

ITEM	PART NO.	DESCRIPTION	QTY
1	73540269	VALVE - RELIEF 3200 PSI	1
2	73540270	VALVE - 3W2P C 1230 12VDC SS MPKRD W IMTOVER	1
2.1	77040499	COIL - 12VDC 36W PACKARD MALE FOR 73540270	1
3	73540271	VALVE - 4W39 C10 - 4 CYL 12VDC FPDRD W OVRD	4
3.1	77040498	COIL - 12VDC PACKARD FEMALE SC 5 / 8" ID	2 PER

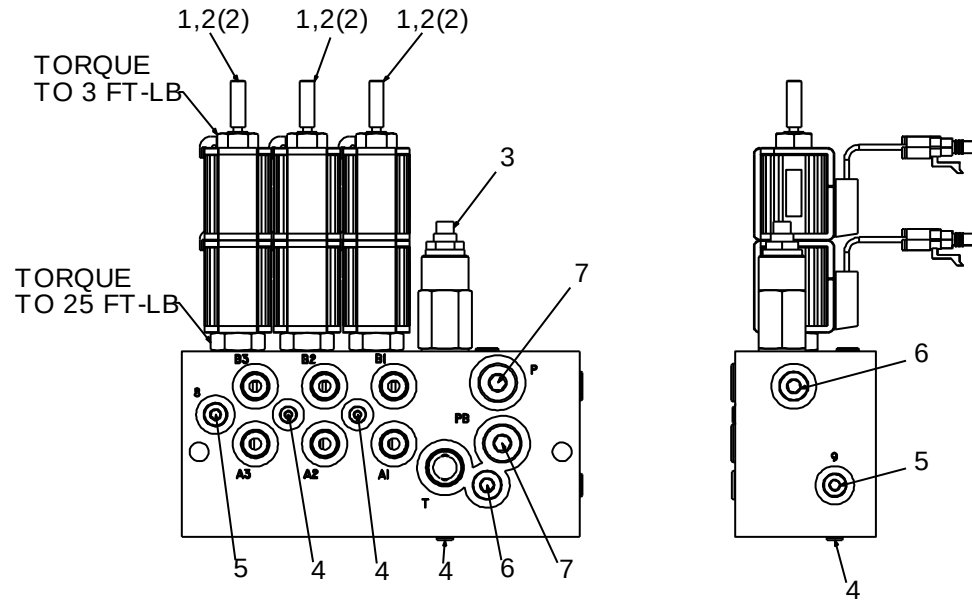
Rev. B 20171118

Valvebank, Power Out (73734280)



73734280 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	73540377	VALVE-SOLENOID DOM IV (INCLUDES COILS)	3
2.	77040498	COIL-12V LEAD WIRE	6
3.	73540269	VALVE-RELIEF 1500 PSI	1
4.	73540270	VALVE-SOLENOID SOFT SHIFT	1
5.	77040499	COIL-12V 36W LEADWIRE	1
6.	72534559	PLUG-STR SOC HD STL 2 ZERO LEAK	3
7.	72534560	PLUG-STR SOC HD STL 4 ZERO LEAK	3
8.	72534561	PLUG-STR SOC HD STL 6 ZERO LEAK	2
NEW 20100108			

Valvebank, Power Down (73734281)



73734281 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	73540377	VALVE-SOLENOID DOM IV (INCLUDES COILS)	3
2.	77040498	COIL-12V LEAD WIRE	6
3.	73540384	VALVE-RELIEF 3200 PSI	1
4.	72534559	PLUG-STR SOC HD STL 2 ZERO LEAK	3
5.	72534560	PLUG-STR SOC HD STL 4 ZERO LEAK	3
6.	72534561	PLUG-STR SOC HD STL 6 ZERO LEAK	2
7.	72534562	PLUG-STR SOC HD STL 8 ZERO LEAK	2
NEW 20100108			

CHAPTER 11

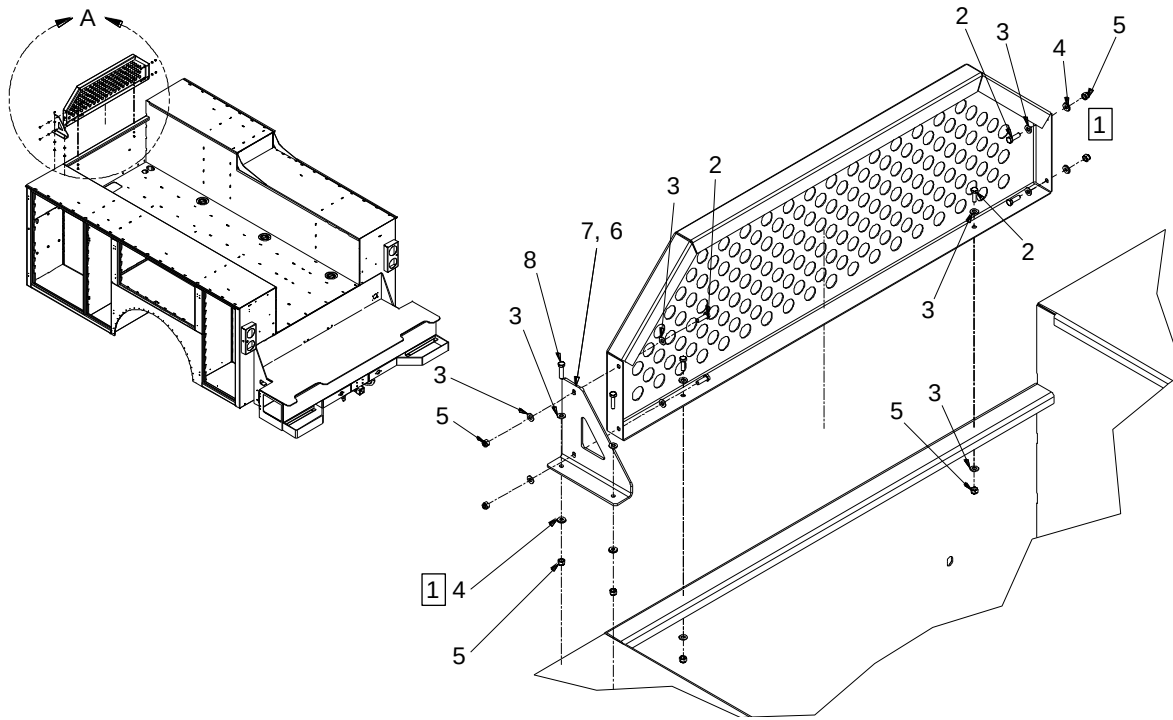
Miscellaneous Options

In This Chapter

Headache Rack (99905201).....	206
Headache Rack (99905361).....	207
Salvage Installation Kit (99905243)	208
Master Lock System Drawing (Dom III) (99905300)	213
Ladder Installation (99905127)	215
Ladder Assembly (52723864).....	216
Step Assembly with Rubber Belt (51714095)	217
Removable Gate (51712986)	218

Headache Rack (99905201)

NOTE: Headache rack installation with CAS435HA, CAS3560 and CAS2545 compressors.



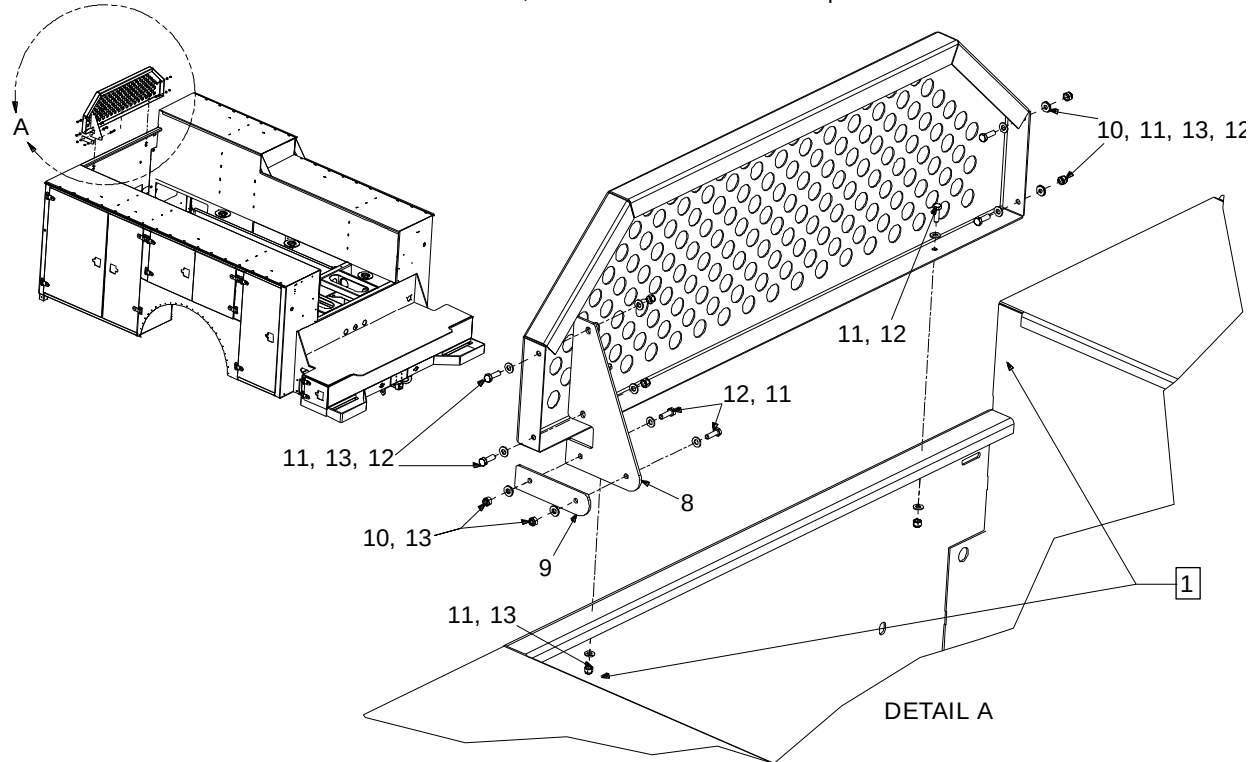
NOTES (SEE REFERENCE NUMBER IN BOX):

- 1** USE BONDED WASHERS WHEN ATTACHING TO SIDEPACK.
- 2** AT ASSEMBLY, DRILL 0.38" (0.96 cm) DIAMETER HOLES TO PERMIT FASTENING OF HEADACHE RACK.

99905201 PARTS LIST			
ITEM	PART #	DESCRIPTION	QTY
2.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	A/R
3.	72063002	WASHER .31 FLAT	A/R
4.	76392598	WASHER-BONDED PLTD .31	A/R
5.	72062109	NUT .31-18 HEX NYLOCK	A/R
6.	60137615	BRACKET - HEADACHE RACK LH	A/R
7.	60137616	BRACKET - HEADACHE RACK RH	A/R
8.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	A/R
9.	60140879	D(II)-HEADACHE RACK BODY-BOLT ON 1PC	1
Rev C 20130306			

Headache Rack (99905361)

NOTE: Headache rack installation with CAS40P, CAS45R and CAS60R compressors.

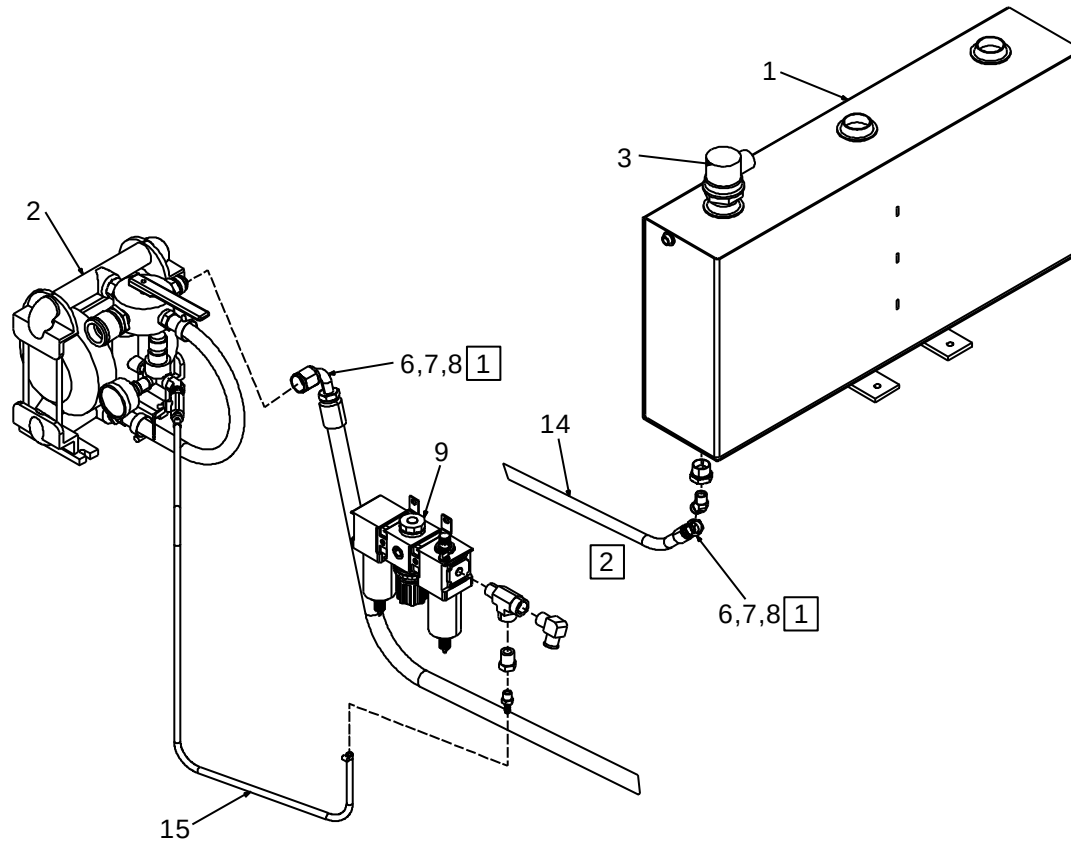


NOTE:

- 1** DURING ASSEMBLY, DRILL 3/8" DIAMETER HOLES AS REQUIRED TO MOUNT HEADACHE RACK TO SIDEPACK.

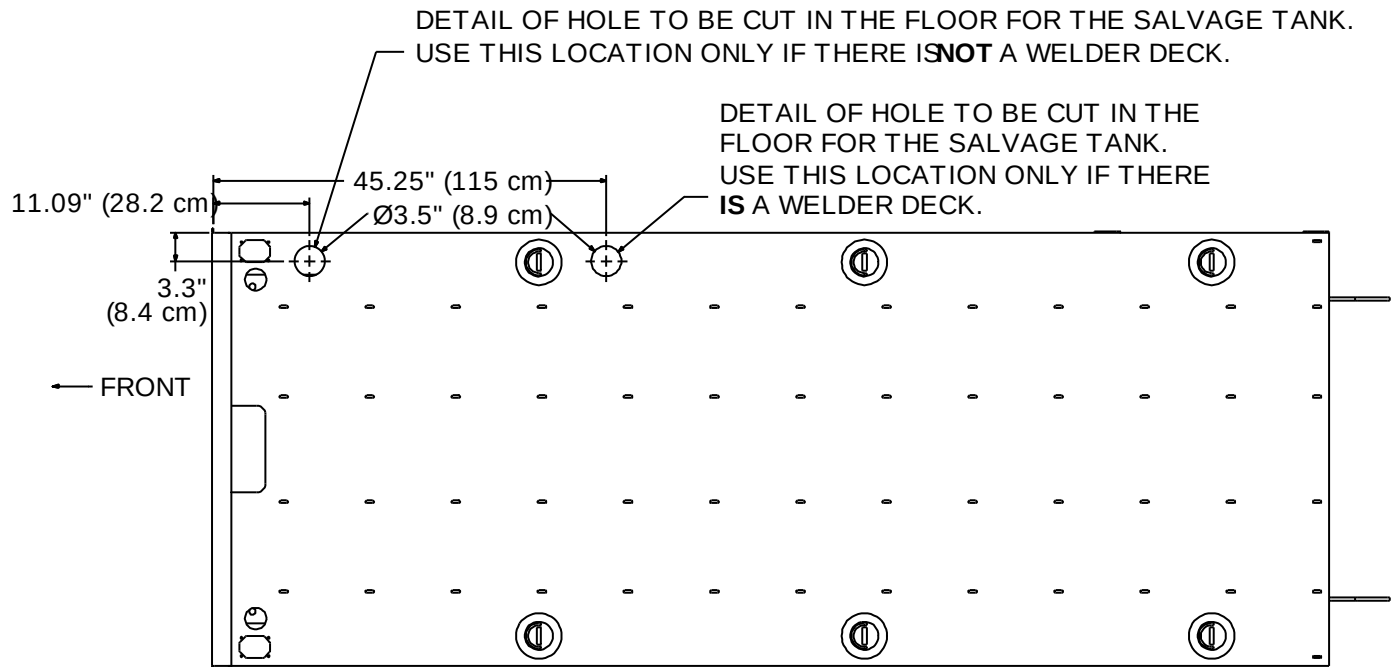
99905361 PARTS LIST			
ITEM	PART #	DESCRIPTION	QTY
1.	51724470	DS3 -HEADACHE RACK KIT-DOM STD-STD	REF
2.	51724471	DS3 -HEADACHE RACK KIT-DOM STD-L RSD	REF
3.	51724472	DS3 -HEADACHE RACK KIT-DOM LRSD-RRSD	REF
4.	51718798	D(II)-KIT HRDW DOM HEADACHE RACK	REF
5.	51724110	DS3 -KIT HRDW DOM HEADACHE RACK STD-RSD	REF
6.	51724111	DS3 -KIT HRDW DOM HEADACHE RACK RSD-RSD	REF
7.	60140879	D(II)-HEADACHE RACK BODY-BOLT ON 1PC	1
8.	60139054	BRKT-HEADACHE RACK	1
9.	60139055	SPACER-HEADACHE RACK	1
10.	76392598	WASHER-BONDED PLTD .31	4
11.	72063002	WASHER .31 FLAT	12
12.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	8
13.	72062109	NUT .31-18 HEX NYLOCK	8
Rev A 20130306			

Salvage Installation Kit (99905243)



NOTES:

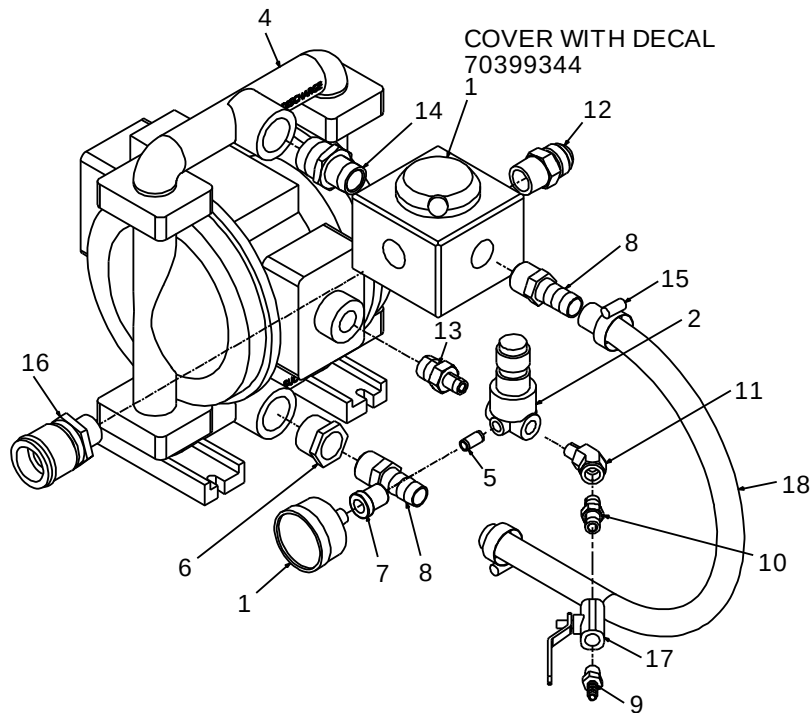
- 1 SELECT FITTING AS NECESSARY.
- 2 PLUMB INTO LUBRICATED AIR.

FLOOR DETAIL**MATCH DRILL MOUNTING HOLE(S) DURING ASSEMBLY**

99905243 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	REF	TANK-WELDMENT		1
2.	REF	PUMP ASSEMBLY		1
3.	72532436	FAST FILL-VENT		1
4.	72531836	REDUCER BUSHING-STEEL	1.25-.75	1
5.	72533054	ELBOW	MPT/45/MJIC .75 12	1
6.	72532976	HOSE FITTING	TYPE F 12 .75 PARK	AS REQ'D
7.	72533378	HOSE FITTING	TYPE J 12 .75 PARK	AS REQ'D
8.	72533445	HOSE FITTING	TYPE Z 12 .75 PARK	AS REQ'D
9.	REF	FILTER-REGULATOR-LUBRICATOR		1
10.	72531991	TEE-STREET STEEL	.50	1
11.	72533592	NIPPLE-BARB BRASS	.50 MPT/90/.75 (PART OF #9)	1
12.	72531830	REDUCER BUSHING-STEEL	.50-.25	1
13.	72053459	NIPPLE-BARB BRASS	.25 MPT .25	1
14.	89393634	HOSE-HYDRAULIC	.75 100R4	AS REQ'D
15.	89392146	HOSE-GP	.25 X 250	AS REQ'D
16.	72066452	CLAMP-HOSE	.25 - .62 SAE	2
REV. A 20110706				

SIZE	TANK WELDMENT	PUMP ASSEMBLY	SALVAGE KIT #	INSTALLATION KIT #
35 GALLON TOP DECK WITH WELDER	52724128	51721592	51724207	51713779
60 GALLON TOP DECK WITH WELDER	52724130	51721592	51724208	51713779
35 GALLON TOP DECK WITHOUT WELDER	52724128	51721592	51724209	51713779
60 GALLON TOP DECK WITHOUT WELDER	52724130	51721592	51724210	51713779

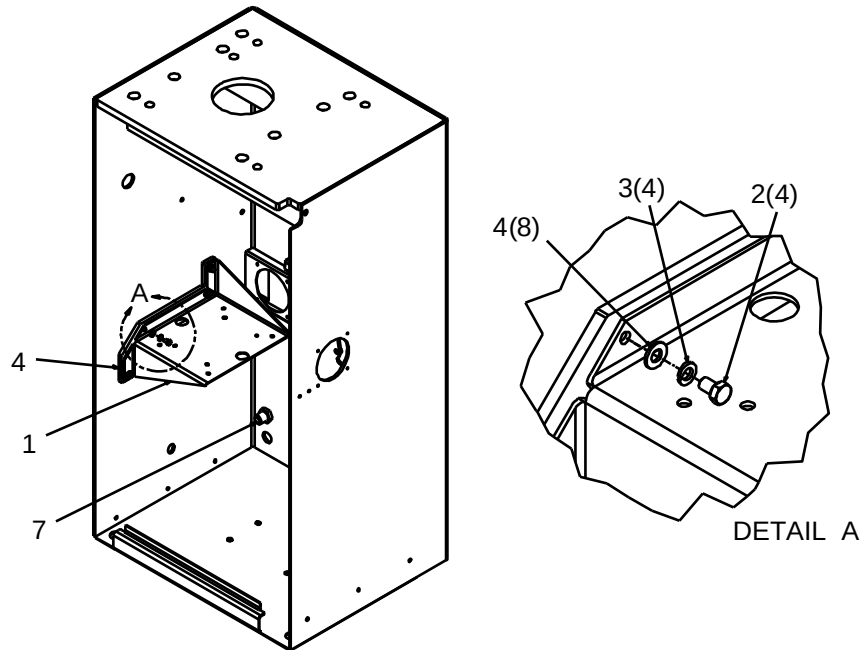
Salvage Pump Assembly (51721592)



51721592 PARTS LIST

ITEM	PART #	DESCRIPTION		QUANTITY
1.	70048015	GAUGE-AIR PRESSURE		1
2.	70048059	REGULATOR-AIR FIXED		1
3.	70732360	VALVE-4WAY		1
4.	70734343	PUMP-DIAPHRAGM	1.00in	1
5.	72053000	NIPPLE-PIPE BLACK	.12X CLOSE	1
6.	72053376	REDUCER BUSHING	BLACK 1.00- .75	1
7.	72053431	COUPLING-REDUCER	BLACK .25 - .12	1
8.	72053458	NIPPLE-BARB BRASS	.75MPT .75	2
9.	72053459	NIPPLE-BARB BRASS	.25MPT .25	1
10.	72053517	ADAPTER	MPT/HEX/MPT .25 .25	1
11.	72053533	ELBOW-STREET	STEEL .25 X 45 DEG	1
12.	72053676	ADAPTER	MPT/M JIC .75 12	1
13.	72053724	ADAPTER	MPT/HEX/MPT .50 .25	1
14.	72053727	ADAPTER	MPT/HEX/MPT 1.00 .75	1
15.	72066000	CLAMP-HOSE	.50-1.25 SAE 12	2
16.	72532421	FAST FILL-SOCKET		1
17.	73054122	VALVE-BALL	.25	1
18.	89393634	HOSE-HYDRAULIC	.75 100R4	1
REV. B 20120502				

Salvage Pump Installation (51713779)

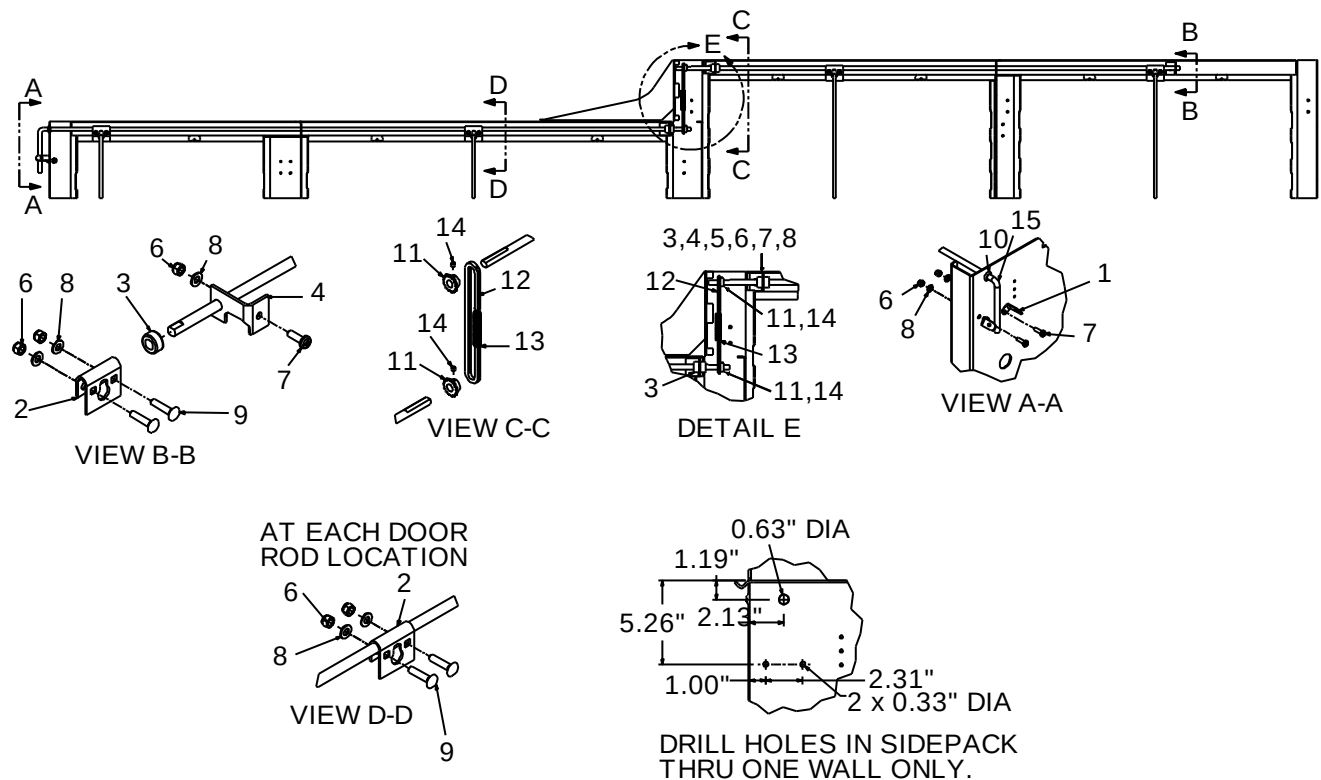


NOTES:

- 1 DOMINATOR II CRANE BOX INSTALLATION SHOWN. DOMINATOR I IS IDENTICAL.
- 2 WHEN INSTALLING THE PUMP SHELF IN THE LEFT HAND REAR COMPARTMENT, USE ITEMS #6 AND #7 FOR MOUNTING HARDWARE.
- 3 THE SALVAGE PUMP MUST BE INSTALLED AFTER THE CRANE AND DRIP TRAY ARE IN PLACE.
- 4 BULKHEAD NUT TO THE OUTSIDE OF THE COMPARTMENT.
- 5 USE RED LOCKTITE WHEN INSTALLING THE NUT WHICH IS PART OF #8, UNION.

51713779 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60120572	BRACKET-SHELF SALVAGE (RIGHT REAR) FOR PUMP	1
2.	72060021	CAP SCREW .31-18 X .50 HHGR5Z	4
3.	72063050	WASHER .31 LOCK	4
5.	72063002	WASHER .31 FLAT	8
6.	72060027	CAP SCREW .31-18 X 1.50 HHGR5Z (NOT SHOWN)	4
7.	72062109	NUT .31-18 HEX NYLOC (NOT SHOWN)	4
8.	72533371	UNION-BULKHEAD JIC 12	1
REV C 20120523			

Master Lock System Drawing (Dom III) (99905300)



NOTE:

- 1 THE ENDS OF THE TOP DOOR RODS MUST BE NO MORE THAN 3-4" FROM A SUPPORT. THE SUPPORT CAN BE EITHER A HANGER OR A DIVIDING WALL.

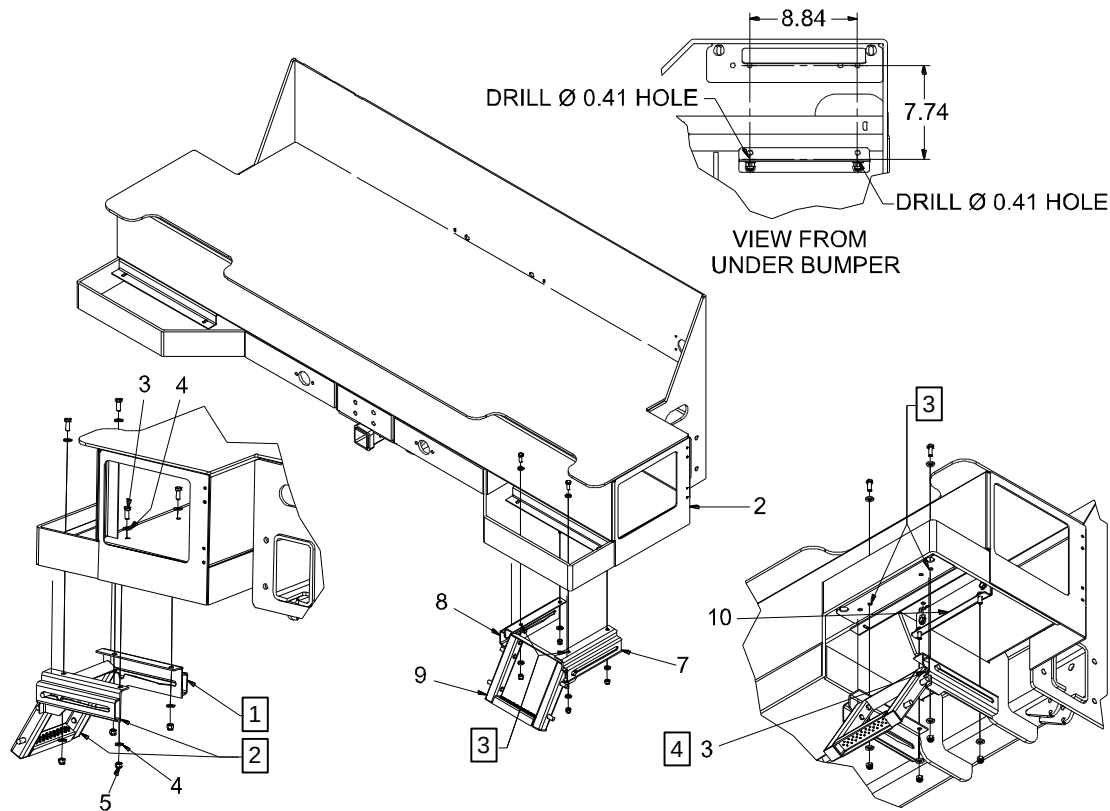
99905300 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	60138970	BRACKET-PADLOCK MASTER LOCK		A/R
2.	60117216	BRACKET-ROD STOP	2.00 M LOCK	A/R
3.	70143654	COLLAR-SHAFT 2 PIECE	1/2 in.	A/R
4.	60117214	BRACKET-ROD HANGER MASTER LOCK		A/R
5.	72063205	WASHER-FLAT	.50 TYPE 304SS	A/R
6.	72062167	NUT-SS	.31-18 HEX NYLOC	A/R
7.	72601590	CAP SCREW-SS	.31-18X1.00 TRH PHH	A/R
8.	72063152	WASHER-FLAT	.31 R WRT TYPE 304SS	A/R
9.	72601847	BOLT-CRG	.31-18X 1.25 SQNK SS	A/R
10.	70034277	GROMMET-POLY	.52ID	A/R
11.	60117775	SPROCKET-MASTER LOCK		A/R
12.	70144865	CHAIN-ROLLER	#25 STANDARD	A/R

99905300 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
13.	70144864	SPRING EXT		A/R
14.	72060556	SET SCREW	.25-20X .25 SH PLAIN	A/R
15.	VARIOUS	ROD-MASTER LOCK		A/R
16.	VARIOUS	HARDWARE KIT		A/R
REV C 20120724				

DOMINATOR III MASTER LOCK KIT PARTS			APPLICATION	
ITEM	PART #	DESCRIPTION	51724325 (DOM III 13' RH Standard)	51724326 (DOM III 13' RAISED RIGHT 1-2)
1.	60138970	BRACKET-PADLOCK MASTER LOCK	2	2
2.	60117216	BRACKET-ROD STOP 2.00 M LOCK	7	7
4.	60117214	BRACKET-ROD HANGER MASTER LOCK	2	3
11.	60117775	SPROCKET-MASTER LOCK 25B14		2
12.	70144865	CHAIN-ROLLER 25 STANDARD		1.25'
13.	70144864	SPRING-EXT		1
15.	52715598	ROD-MASTER LOCK 160.00 X 6.00		
15.	52720566	ROD-MASTER LOCK 220.12 X 6.00		
15.	60118723	ROD-MASTER LOCK 98.75 X 6.00	1	
15.	60120170	ROD-MASTER LOCK 145.00 X 6.00	1	1
15.	60130844	ROD-MASTER LOCK 28.00		1
15.	60130845	ROD-MASTER LOCK 83.00X6.00		
15.	60130848	ROD-MASTER LOCK 88.00		
15.	60130849	ROD-MASTER LOCK 170.00X6.00		
15.	60138326	ROD-MASTER LOCK 71.00 X 6.00		1
15.	60138328	ROD-MASTER LOCK 85.50 X 6.00		
15.	60138329	ROD-MASTER LOCK 66.00		
16.	51720711	KIT-HRDW MASTER L 14 R1-2 D4		1
16.	51720712	KIT-HRDW MASTER 14 RH STD D4	1	
16.	51720713	KIT-HRDW MASTER L 19 R1-2 D4		
16.	51720714	KIT-HRDW MASTER L 19 RH STD D4		
16.	51724337	KIT-HDWR MASTER LOCK 14 R&L 1-2		

Ladder Installation (99905127)



NOTE:

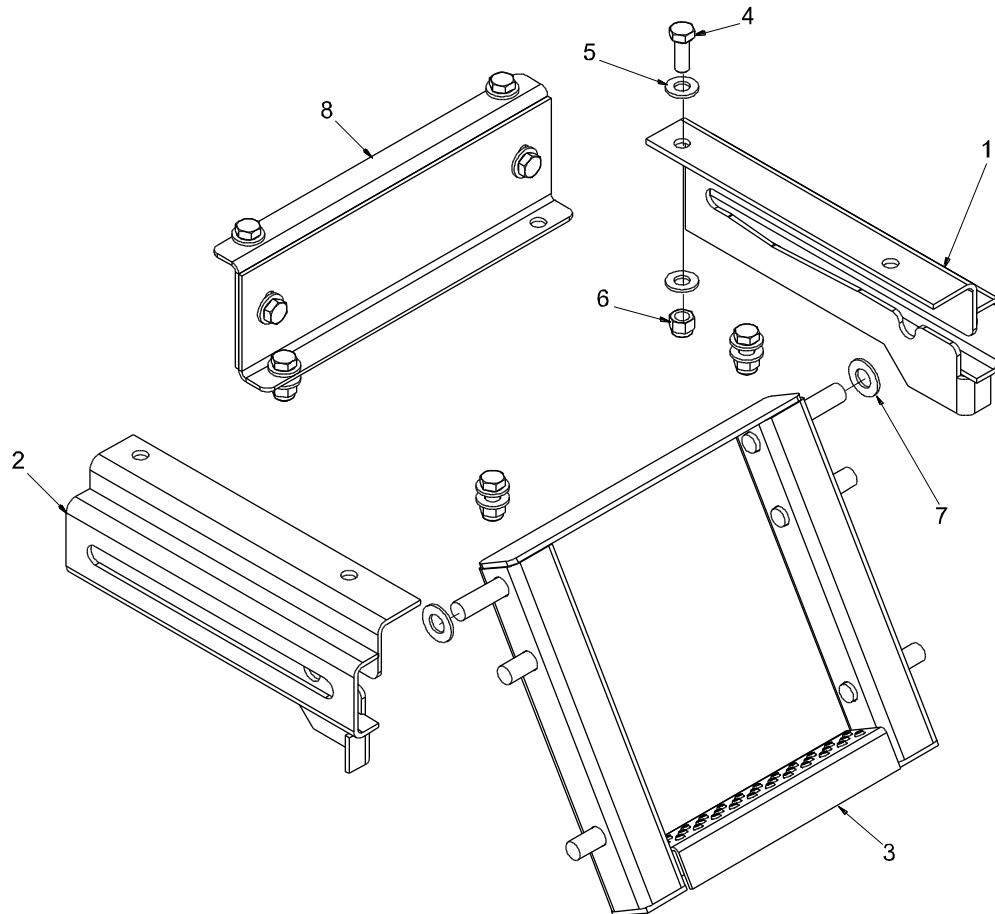
- 1 INSTALL INNER RAIL FIRST
- 2 INSTALL OUTER RAIL AND STEP TOGETHER
- 3 ALIGN HOLE IN STEP BRACKET WITH OUTSIDE HOLE IN REAR STEP CHANNEL
- 4 NOTE PLACEMENT OF NYLON WASHERS ONE PER SIDE

Ladder Installation Parts List (99905127)

ITEM	PART #	DESCRIPTION	KIT	QTY
1.	52723864	DS3 -LADDER ASSEMBLY-10 DOM 2-3-4		REF
2.	99905040	DS3 -DWG DOM 2 REAR STEP BUMPER WLD		1
3.	72060046	CAP SCR .38-16X 1.00 HH GR5 Z		2
4.	72063003	WASHER .38 FLAT		4
5.	72062103	NUT .38-16 HEX NYLOCK		2
6.	72063303	WASHER-FLAT .50ID X 1.00OD NYLON		1
7.	52723863	DS3 -BRACKET STEP WELDMENT RH		1
8.	52723862	DS3 -BRACKET STEP WELDMENT LH		1
9.	52723861	DS3 -LADDER-WELDMENT- 10 in.		1
10.	60143488	SUPPORT-STEP DOM LADDER ANGLE		2

REV. E 20150429

Ladder Assembly (52723864)

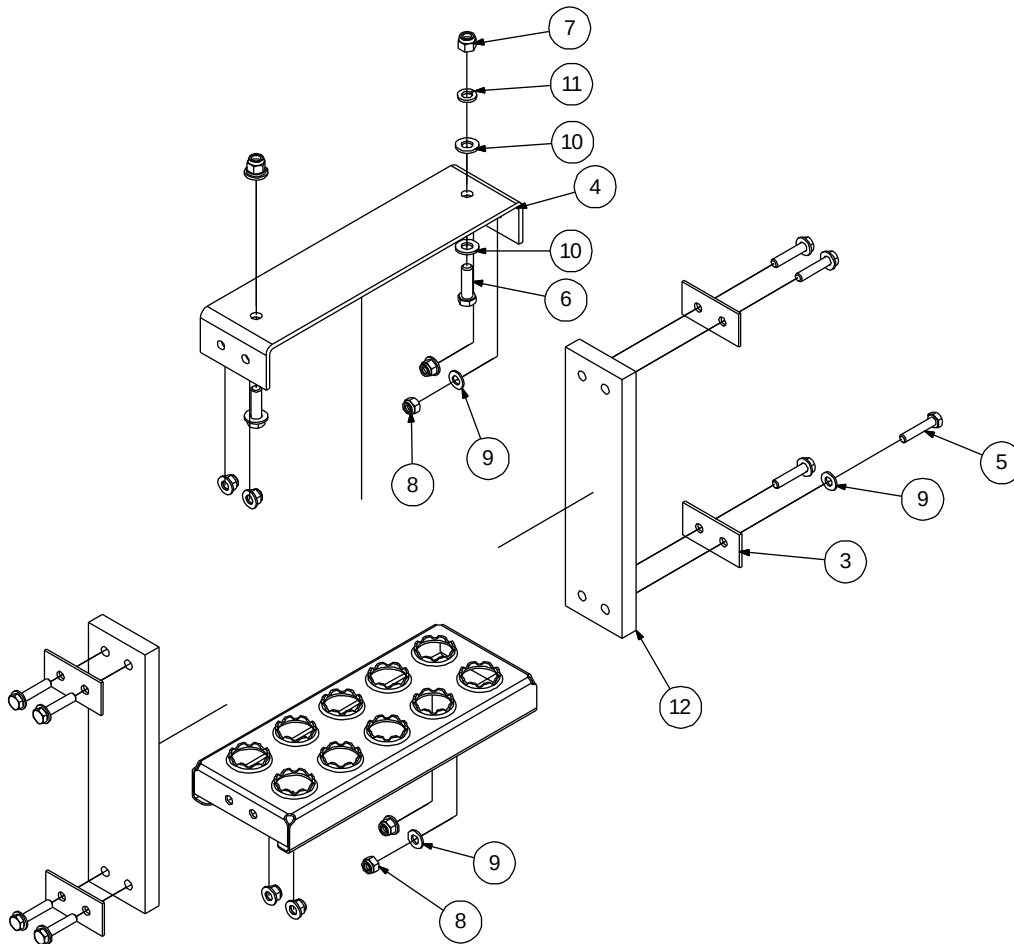


NOTES:

1 HARDWARE IS CONTAINED IN KIT 51726581.

Ladder Assembly Parts List (52723864)			
ITEM	PART #	DESCRIPTION	QTY
1.	52723863	DS3 -BRACKET STEP WELDMENT RH	1
2.	52723862	DS3 -BRACKET STEP WELDMENT LH	1
3.	52723861	DS3 -LADDER-WELDMENT-10"	1
4.	72060046	CAP SCR .38-16X 1.00 HH GR5 Z	8
5.	72063003	WASHER .38 FLAT	16
6.	72062103	NUT .38-16 HEX NYLOCK	8
7.	72063303	WASHER-FLAT .50ID X 1.00OD NYLON	2
8.	60143488	SUPPORT-STEP DOM LADDER	2
REV D 20150429			

Step Assembly with Rubber Belt (51714095)



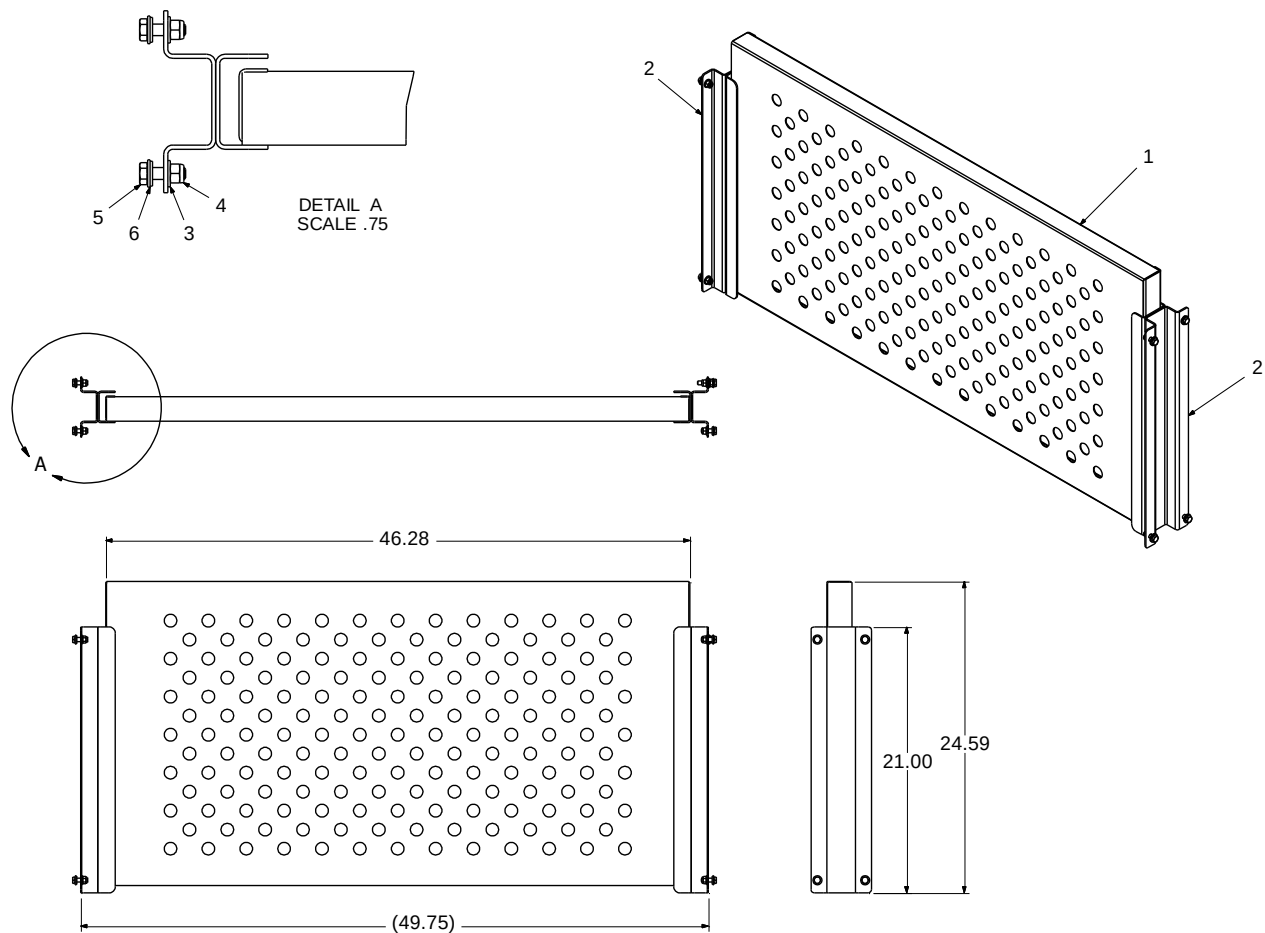
NOTES (SEE REFERENCE NUMBER IN BOX):

- 1 VIEW SHOWS RIGHT HAND APPLICATION. LEFT HAND APPLICATION IS OPPOSITE. INSERT SLEEVE INTO EACH HOLE IN RUBBER BELT.

51714095 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
1.	51716359	KIT-HRDW DOM STEP (RUBBER BELT)			1
2.	60140873	STEP-GRIP BOLT-ON	4.75WX 1.50DX 12.00		1
3.	60120490	PLATE-BACKUP STEP W/RUBBER BLT			4
4.	60122841	BRACKET-STEP DOM RUBBER BELT BOLT ON			1
5.	72060027	CAP SCREW	.31-18X 1.50 HH GR5 Z	1	8
6.	72060047	CAP SCREW	.38-16X 1.25 HH GR5 Z	1	2
7.	72062103	NUT	.38-16 HEX NYLOCK	1	2

8.	72062109	NUT	.31-18 HEX NYLOCK	1	8
9.	72063002	WASHER	.31 FLAT	1	16
10.	72063003	WASHER	.38 FLAT	1	4
11.	72063051	WASHER	.38 LOCK	1	2
12.	76399461	RUBBER BELT-LADDER/STEP ASM			2
REV E 20130226					

Removable Gate (51712986)



51712986 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	52712987	GATE-WLDMT REMOVABLE (MECH)		1
2.	52725530	BRACKET-WLDMT REMOVABLE GATE		2
3.	72063002	WASHER .31 FLAT		8
4.	72062109	NUT .31-18 HEX NYLOCK		8
5.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z		8
6.	76392598	WASHER-BONDED PLTD .31		8
REV - 20091110				

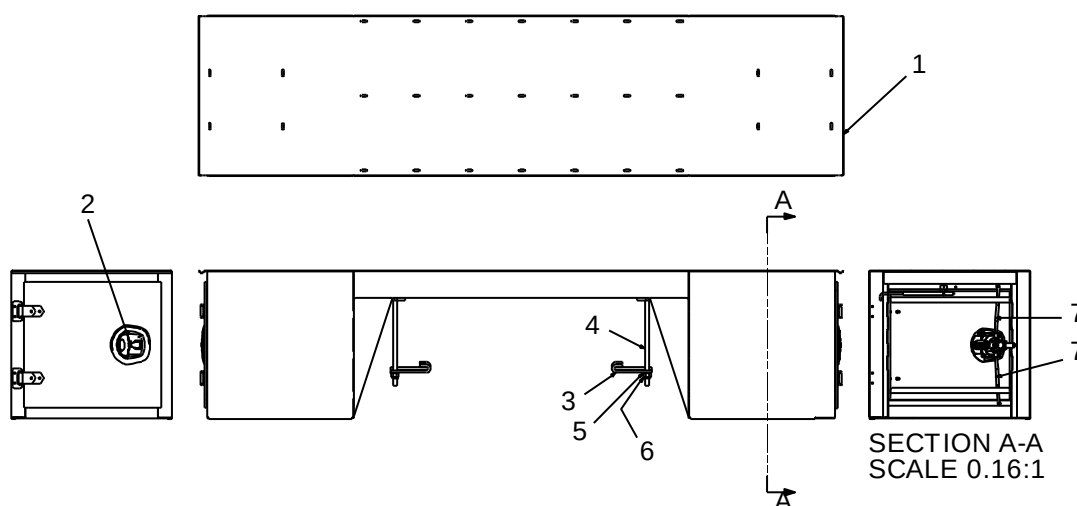
CHAPTER 12

Welder Platforms

In This Chapter

Welder Deck, 24" Long with 2 Underbody Toolboxes (51720055)	219
Welder Deck, 35" Long with 2 Underbody Toolboxes (51720057)	220
Welder Deck, 36" Long with Flat Deck (51720059)	220
Welder Deck, 24" Long with Tall Compartment (51719952)	221
Welder Deck, 35" Long with Curbside Tall Compartment (51720061)	222
Welder Deck, 35" Long with Streetside Tall Compartment (51720063).....	224

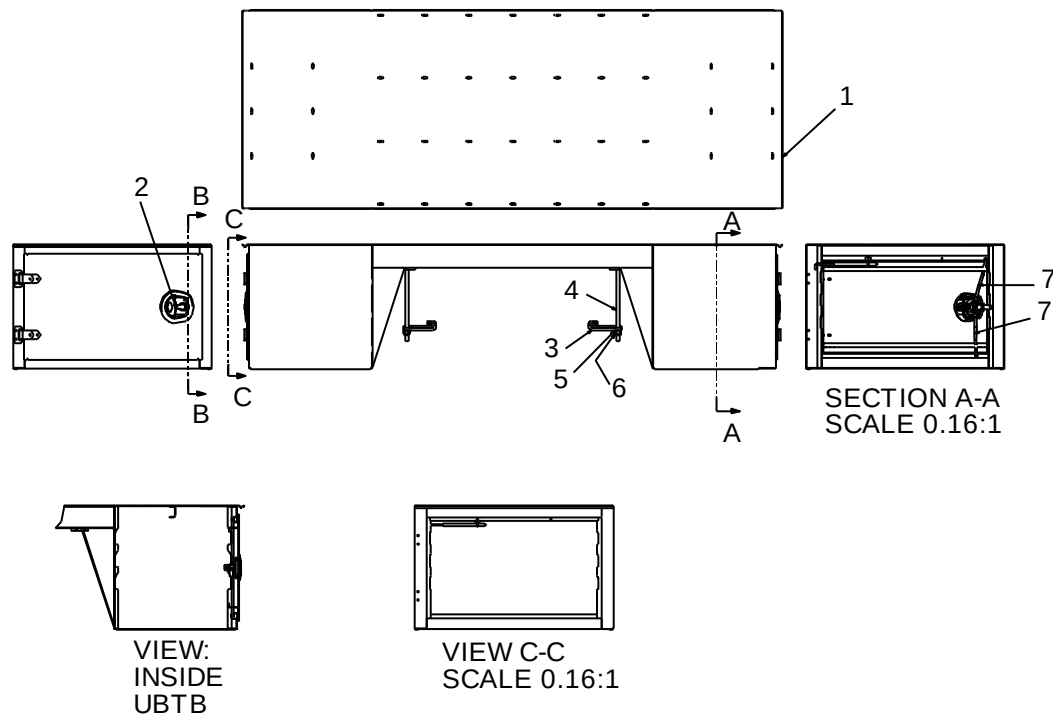
Welder Deck, 24" Long with 2 Underbody Toolboxes (51720055)



51720055 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52720056	WELDER DECK-WLDMT 35in L UBT-R UBT	1
2.	72661599	LATCH ASM-3PT DOM (II) COMPRESSION	2
3.	60108981	TIE DOWN-BODY 4.00 FRAME	4
4.	60109048	ROD-THREADED .62-11 X 14.00	4
5.	72063007	WASHER .62 FLAT	8
6.	72062091	NUT .62-11 HEX NYLOCK	8
7.	60128412	ROD-DOOR 8.12 LG W/.75" OFFSET	4
NEW 20070302			

Welder Deck, 35" Long with 2 Underbody Toolboxes (51720057)

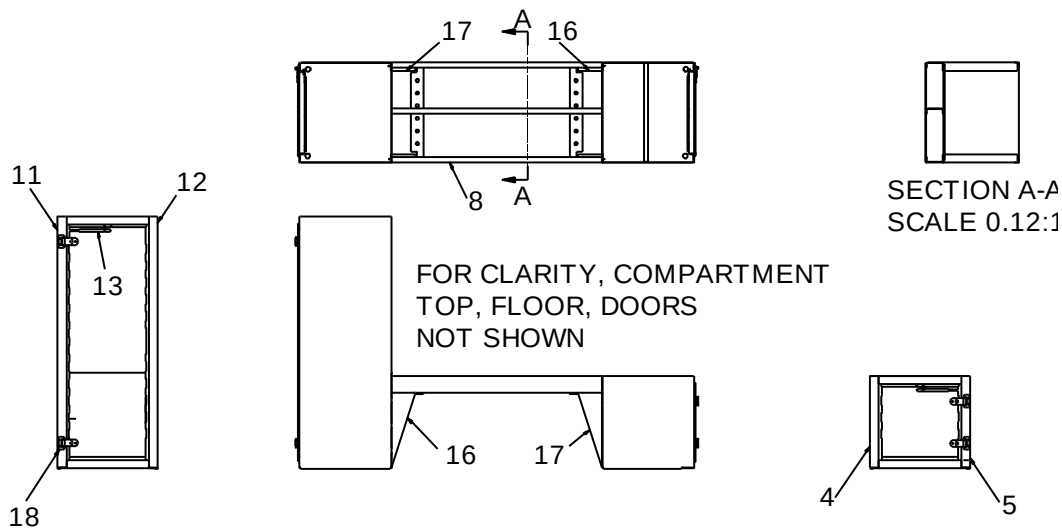


51720057 PART LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52720058	WELDER DECK-WLDMT 35in L UBT-R UBT	1
2.	72661599	LATCH ASM-3PT DOM (II) COMPRESSION	2
3.	60108981	TIE DOWN-BODY 4.00 FRAME	4
4.	60109048	ROD-THREADED .62-11 X 14.00	4
5.	72063007	WASHER .62 FLAT	8
6.	72062091	NUT .62-11 HEX NYLOCK	8
7.	60128412	ROD-DOOR 8.12 LG W/.75" OFFSET	4
NEW 20070302			

Welder Deck, 36" Long with Flat Deck (51720059)

51720059 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77044807	HARNESS-LUBE FRONT MARKER LIGHTS	1
2.	51716399	HARDWARE KIT	1
3.	52720060	WELDER DECK, 36" FLAT	1
4.	60108981	TIE DOWN	4
5.	60109048	THREADED ROD, 0.62-11 X 14	4

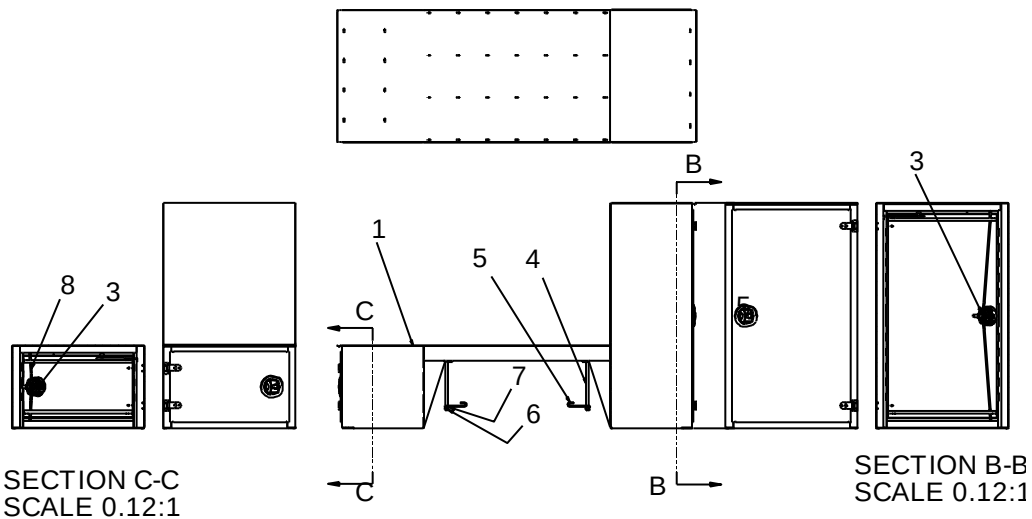
Welder Deck, 24" Long with Tall Compartment (51719952)



51719952 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
REF	52719953	D(II)-WELDER DECK-W D2 24in L RSD-R UBT	INCL 4-28
4.	60128310	PANEL WELDER DECK UBTB RF #2	1
5.	60128312	PANEL WELDER DECK UBTB RF #1	1
8.	60128315	CHANNEL-FORM 1.24X 4.00X 50.00	3
11.	60128317	PANEL-WELDERDECK LF 60H #1	1
12.	60128318	PANEL-WELDERDECK LF 60H #2	1
13.	70144288	DOOR STOP-SELF CLOSING SPRING	2

51719952 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
16.	60116990	GUSSET-FRONT PANEL RH BTTM D2	2
17.	60117060	GUSSET-FRONT PANEL LH BTTM D2	2
18.	72661383	HINGE-SS 10GA BUTT W/IMT LOGO OFFSET	4
20.	60129361	BACK-BTM WELDER DECK RF D2 24in	1
21.	60129358	SDPK HEADER WELDER DECK 19.62	2
22.	60129362	CHANNEL-FORM 1.00X 2.00X 23.62	1
23.	60129360	MTG BAR-WLDR DECK 24in W D(II) 2	2
24.	60129357	BACK-BTM WELDER DECK LF D2 24in	1
25.	60129356	TOP WELDER DECK CARGO FLOOR UBTB- VERT COMPT 24in	1
26.	60129359	TOP-WELDER DECK RSD COMPT D2 24in	1
27.	52719954	DOOR-WLDMT HEM D(II) 18.88H X 20.50W (40	1
28.	52719092	DOOR-WLDMT HEM D(II) 56.88H X 20.50W (40	1
NEW 20070302			

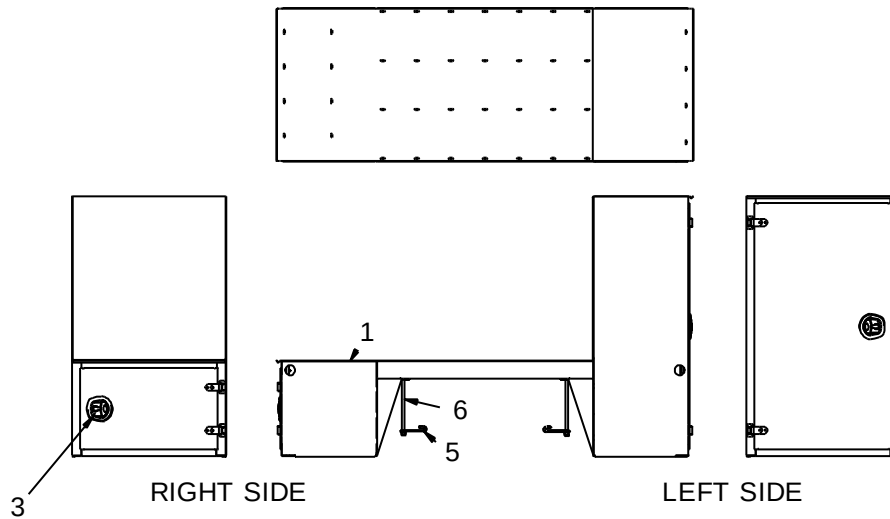
Welder Deck, 35" Long with Curbside Tall Compartment (51720061)



51720061 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52720062	WELDER DECK-WLDMT 35in L UBTB-R RSD	1
3.	72661599	LATCH ASM-3PT DOM (II) COMPRESSION	2
4.	60109048	ROD-THREADED .62-11 X 14.00	4
5.	60108981	TIE DOWN-BODY 4.00 FRAME	4
6.	72062091	NUT .62-11 HEX NYLOCK	8
7.	72063007	WASHER .62 FLAT	8
8.	60128412	ROD-DOOR 8.12 LG W/.75" OFFSET	2
10.	60130297	ROD-DOOR 27.12 LG W/.75" OFFSET	2
REV. A 20070302			

Welder Deck, 35" Long with Streetside Tall Compartment (51720063)



ITEM	PART #	DESCRIPTION	QUANTITY
1.	52720064	WELDER DECK-WLDMT 35in L RSD-R UBT	1
3.	72661599	LATCH ASM-3PT DOM (II) COMPRESSION	2
5.	60108981	TIE DOWN-BODY 4.00 FRAME	4
6.	60109048	ROD-THREADED .62-11 X 14.00	4
7.	72062091	NUT .62-11 HEX NYLOCK	8
8.	72063007	WASHER .62 FLAT	8
9.	60128412	ROD-DOOR 8.12 LG W/.75" OFFSET	2
10.	60130297	ROD-DOOR 27.12 LG W/.75" OFFSET	2

CHAPTER 13

Dominator Decal Examples & Placement

In This Chapter

Decal List 226

IMT Diamond and Logo Placement 227

Body Safety Decal Placement 228

Dominator Control Decal Placement..... 230

Crane Safety Decals on Dominator Door..... 231

Hydraulic Oil Reservoir Decals 232

Fuel Tank Decal Placement 233

Air Tank Decal Placement 234

Stabilizer Decal Placement..... 234

Reflector & Hitch Decal Placement..... 235

Compressor Decal Placement..... 237

Decal List

Dominator I, II, III, and IV have many common and some unique decals. See the chart below and the decal application photos on subsequent pages for application details.

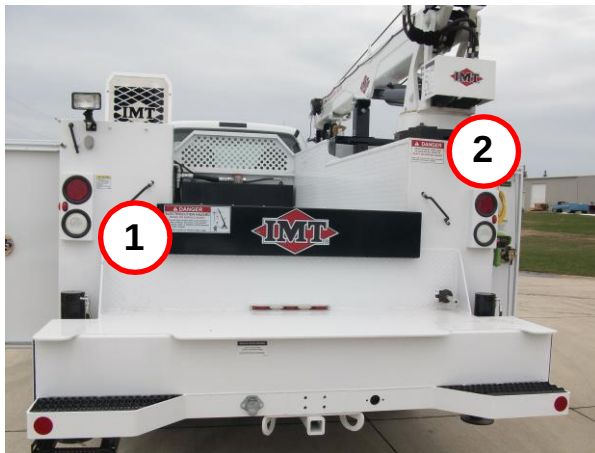
ITEM	DECAL PART #	DESCRIPTION	QTY PER BODY	MODEL	NOTES
1.	95724102	DOMINATOR DECAL KIT	1	ALL	INCLUDES ITEMS 2-13
2.	70392213	DECAL-CAUTION DONT WASH/WAX	1	ALL	
3.	70392309	DECAL-DIESEL FUEL ONLY	2	ALL	FOR DIESEL ENGINES ONLY
4.	70392982	DECAL-SERVICE & REPAIR(GARNER)	1	ALL	FOR GASOLINE ENGINES ONLY
5.	70392453	DECAL-UNLEADED GASOLINE ONLY	2	ALL	
6.	71393886	DECAL-DANGER EXPLODING TANK	1	ALL	
7.	70391601	DECAL-AIR TANK DRAIN	1	ALL	
8.	70398983	DECAL-CAUTION, WELDING DAMAGE	1	ALL	BY LIGHT BOX ON REAR OF VEHICLE
9.	70399138	DECAL-DOMINATOR IDENT (III)	2	ALL	
10.	70399191	DECAL-WARNING, NO STEP	3	ALL	
11.	70399192	DECAL-WARNING, SLIP	2	ALL	
12.	70399193	DECAL-DANGER, HYD FLUID	1	ALL	
13.	70399141	DECAL-DIAMOND IMT 9.25X18.50 REFL	1	ALL	
14.	70399114	DECAL-ELECTRICAL PANEL LAYOUT	1	DOM I-II	
15.	70399115	DECAL-ELECTRICAL PANEL LAYOUT	1	DOM III-IV	
16.	70398872	DECAL-STABILIZER MAN OP,SOFT SHIFT (DI-II)	1	DOM I-II	
17.	70398873	DECAL-STABILIZER MANUAL OP D4 SOFT SHIFT	1	DOM III-IV	
18.	70397063	DECAL-HITCH, RECEIVER 2000V-16000P	1	DOM I, II	
19.	70397064	DECAL-HITCH, PINTLE 6000V-30000P	1	DOM II, III & IV	
20.	70399271	DECAL-STABILIZER FULLY DEPLOYED	3	ALL	ON STABILIZER ARMS WHEN FULLY DEPLOYED.

IMT Diamond and Logo Placement

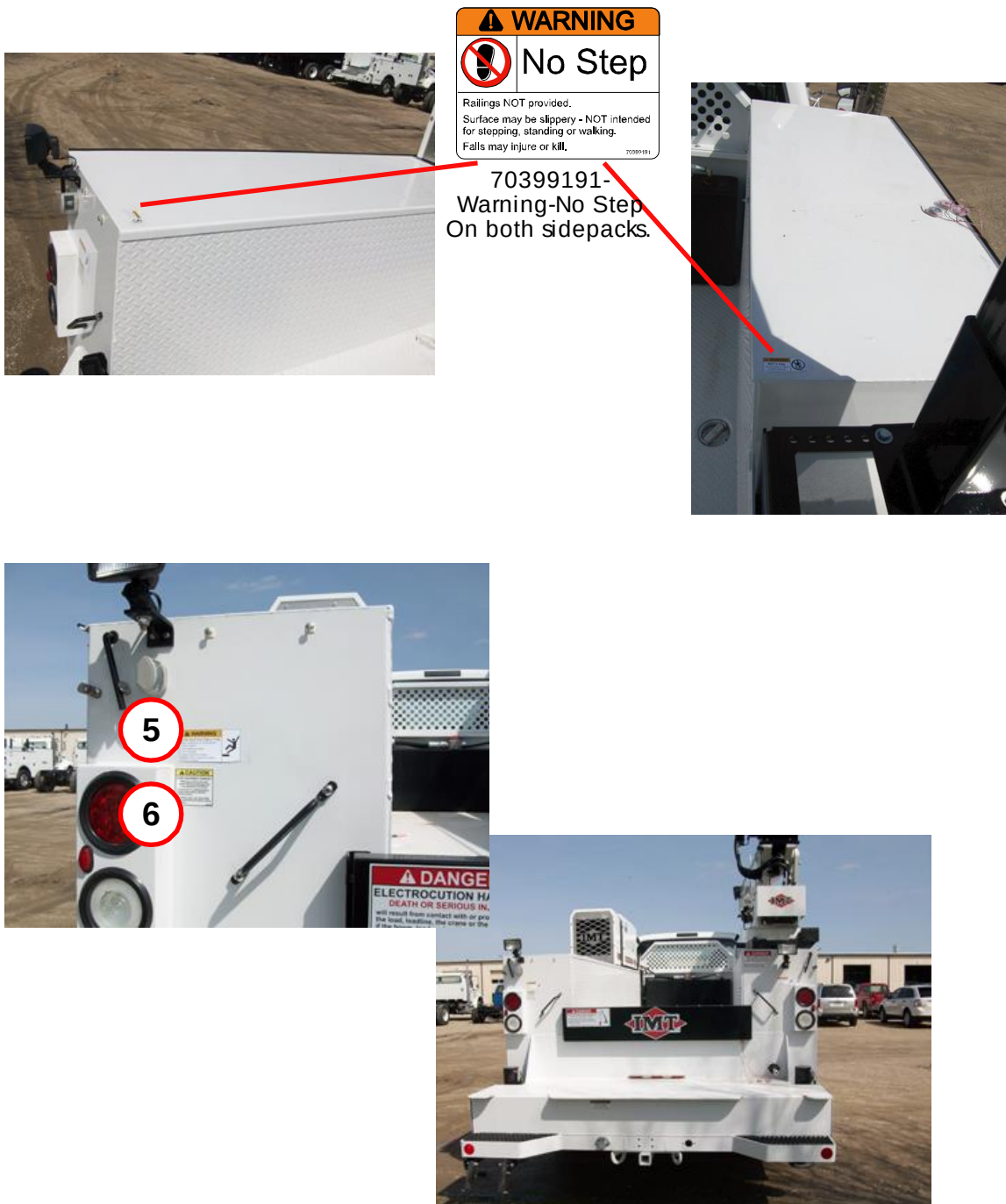


Place the Dominator ID decal (70399138), item #1, on each side of the vehicle. Place IMT diamond (70399141), item #2, on the tailgate.

Body Safety Decal Placement



ITEM	PART NO.	DESCRIPTION	QTY
1	70394445	DANGER ELECTROCUTION HAZARD LARGE TELESCOPIC	3
2	70392868	WARNING LOAD LINE	3
3	70396748	DANGER ELECTROCUTION HAZARD MEDIUM TELESCOPIC	1
4	70392863	WARNING HOISTING PERSONNEL	1
5	70399192	WARNING-BODY HAZARDS	2
6	70398983	CAUTION WELDING DAMAGE	1
20160912			

**Notes:**

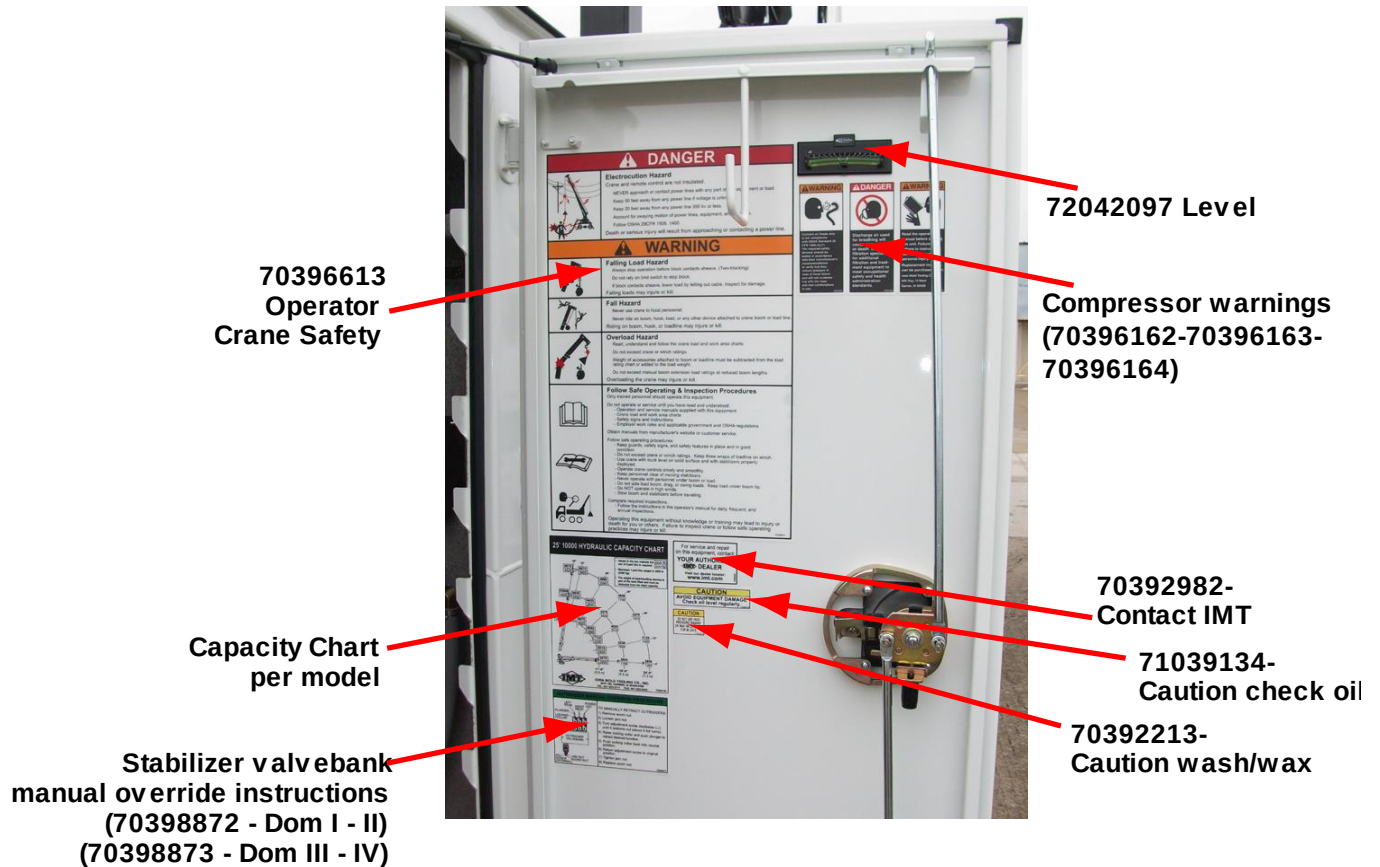
Decals numbers 1 & 2 are located on three sides of the body. Decals number 3 & 4 are located on the front bumper only. Decal number 5 is placed by the light box on each side of the Dominator. Decal number 6 is located next to the left side light box.

Dominator Control Decal Placement



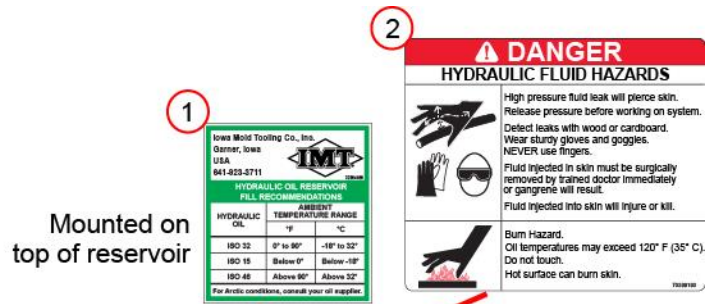
1	70399114	Decal-Dominator Electrical Panel (Dom I-II) (Dom III-IV uses 70399115)
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Crane Safety Decals on Dominator Door



Hydraulic Oil Reservoir Decals

Place 70399193-Decal-Danger, Hydraulic Fluid and 70394189, Decal-Mobil Oil Recommendations, on top of the hydraulic tank and on the right side of the fill cap. Decals must be legible from inside the load bed.



Fuel Tank Decal Placement

70392309
Diesel Fuel Only.
Place on diesel fuel
tank near fuel cap.

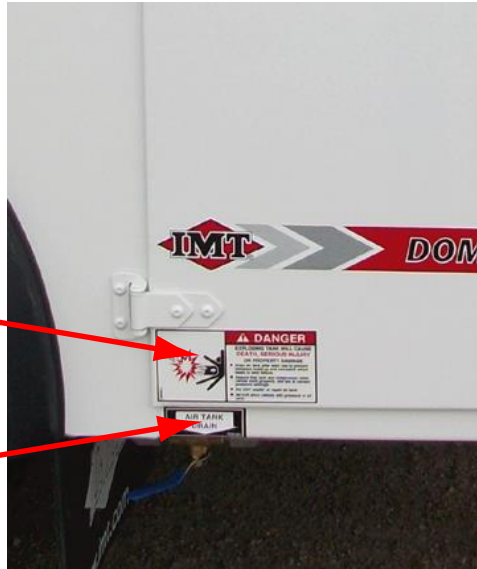


Note: If unleaded gas fuel tank, use decal part number 70392453.

Air Tank Decal Placement

70391601-Air tank drain, located on door where air tank is stored.

71393886-Exploding tank tank decal, located on door where air tank is stored.

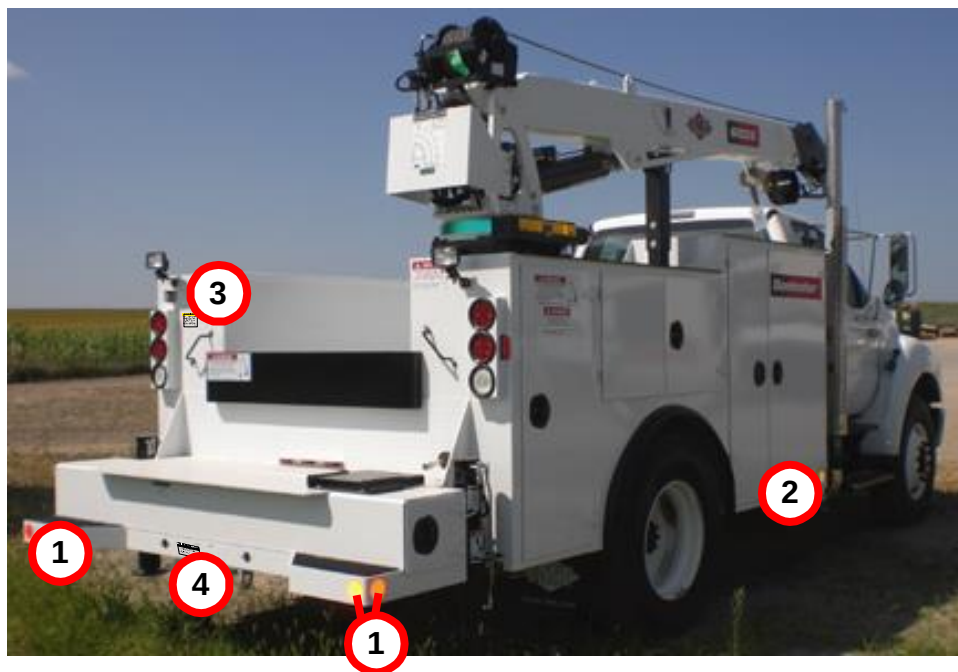


Stabilizer Decal Placement



1	70391598	Decal-Warning, Manual Stabilizers. Place on each rear stabilizer.
2	70392864	Decal - Warning, Stabilizer Crushing Hazard. Placed on rear stabilizers as shown, and on front sidepacks.

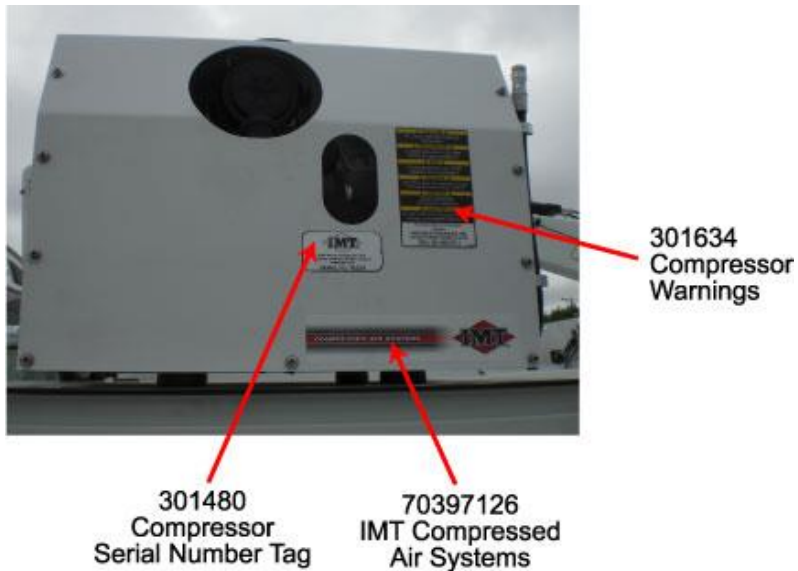
Reflector & Hitch Decal Placement



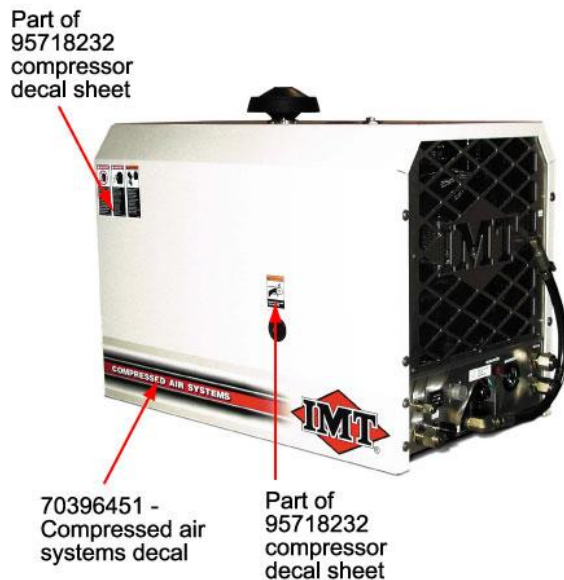
Place a hitch decal, item #4, above the hitch on the rear of the body. Typically, Dominator I, II and DSC use 70397063 - Receiver Hitch, 2000 lb tongue and 16,000 lb gross trailer weight. Typically, Dominator II and IV use 70397064 - Pintle Hitch, 6000 lb tongue and 30,000 lb gross trailer weight.

Compressor Decal Placement

Decal placement on a CAS435HA compressor:



Decal placement on a CAS3560 compressor:



Note: All decals for the CAS3560 air compressor are included on decal sheet 95718232. See the CAS3560 manual for complete decal placement information.

Thread Torque Charts

FINE THREAD BOLTS (ENGLISH)					
SIZE	BOLT DIA.	 SAE J429 GRADE 5		 SAE J429 GRADE 8	
(DIA-TPI)	(INCHES)	PLAIN	PLATED	PLAIN	PLATED
		(FT-LB)	(FT-LB)	(FT-LB)	(FT-LB)
5/16-24	0.3125	19	14	27	20
3/8-24	0.375	35	26	49	35
7/16-20	0.4375	55	41	78	58
1/2-20	0.5	90	64	120	90
9/16-18	0.5625	120	90	170	130
5/8-18	0.625	170	130	240	180
3/4-16	0.75	300	225	420	315
7/8-11	0.875	445	325	670	500
1-12	1	645	485	995	745
1 1/8-12	1.125	890	670	1445	1085
1 1/4-12	1.25	1240	930	2010	1510
1 3/8-12	1.375	1675	1255	2710	2035
1 1/2-12	1.5	2195	1645	3560	2670

COARSE THREAD BOLTS (ENGLISH)					
SIZE	BOLT DIA.	 SAE J429 GRADE 5		 SAE J429 GRADE 8	
(DIA-TPI)	(INCHES)	PLAIN	PLATED	PLAIN	PLATED
		(FT-LB)	(FT-LB)	(FT-LB)	(FT-LB)
5/16-18	0.3125	17	13	25	18
3/8-16	0.375	31	23	44	33
7/16-14	0.4375	49	37	70	52
1/2-13	0.5	75	57	105	80
9/16-12	0.5625	110	82	155	115
5/8-11	0.625	150	115	220	160
3/4-10	0.75	265	200	375	280
7/8-9	0.875	395	295	605	455
1-8	1	590	445	910	680
1 1/8-7	1.125	795	595	1290	965
1 1/4-7	1.25	1120	840	1815	1360
1 3/8-6	1.375	1470	1100	2380	1780
1 1/2-6	1.5	1950	1460	3160	2370

NOTES

- 1 Tightening torques provided are midrange.
- 2 Consult bolt manufacturer's particular specifications, when provided.
- 3 Use flat washers of equal strength.
- 4 All torque measurements are given in foot-pounds.
- 5 Torque values specified are for bolts with residual oils or no special lubricants applied. If special lubricants of high stress ability, such as Never-Seez compound graphite and oil, molybdenum disulphide, colloidal copper or white lead are applied, multiply the torque values in the charts by the factor .90. The use of Loctite does not affect the torque values listed above.

WARNING

Anytime a gear-bearing bolt is removed, it must be replaced with a new bolt of the identical grade and size. Once a bolt has been torqued to 75% of its proof load and then removed, the torque coefficient may no longer be the same as when the bolt was new thus giving indeterminate clamp loads after torqueing. Failure to replace gear-bearing bolts may result in bolt failure due to metal fatigue causing death or serious injury.

FINE THREAD TORQUE CHART (METRIC)					
TIGHTENING TORQUE					
SIZE (DIA- TPI)	BOLT DIA. (INCHES)	 SAE J429 GRADE 5		 SAE J429 GRADE 8	
		PLAIN (KG-M)	PLATED (KG-M)	PLAIN (KG-M)	PLATED (KG-M)
5/16-24	0.3125	3	2	4	3
3/8-24	0.375	5	4	7	5
7/16-20	0.4375	8	6	11	8
1/2-20	0.5	12	9	17	12
9/16-18	0.5625	17	12	24	18
5/8-18	0.625	24	18	33	25
3/4-16	0.75	41	31	58	44
7/8-11	0.875	62	45	93	69
1-12	1	89	67	138	103
1 1/8-12	1.125	123	93	200	150
1 1/4-12	1.25	171	129	278	209
1 3/8-12	1.375	232	174	375	281
1 1/2-12	1.5	304	228	492	369

COARSE THREAD TORQUE CHART (METRIC)					
TIGHTENING TORQUE					
SIZE (DIA- TPI)	BOLT DIA (INCHES)	 SAE J429 GRADE 5		 SAE J429 GRADE 8	
		PLAIN (KG-M)	PLATED (KG-M)	PLAIN (KG-M)	PLATED (KG-M)
5/16-18	0.3125	2	2	3	2
3/8-16	0.375	4	3	6	5
7/16-14	0.4375	7	5	10	7
1/2-13	0.5	10	8	15	11
9/16-12	0.5625	15	11	21	16
5/8-11	0.625	21	16	30	22
3/4-10	0.75	37	28	52	39
7/8-9	0.875	55	41	84	63
1-8	1	82	62	126	94
1 1/8-7	1.125	110	82	178	133
1 1/4-7	1.25	155	116	251	188
1 3/8-6	1.375	203	152	329	246
1 1/2-6	1.5	270	210	438	328

NOTES

- 1 Tightening torques provided are midrange.
- 2 Consult bolt manufacturer's particular specifications, when provided.
- 3 Use flat washers of equal strength.
- 4 All torque measurements are given in kilogram-meters.
- 5 Torque values specified are for bolts with residual oils or no special lubricants applied. If special lubricants of high stress ability, such as Never-Seez compound graphite and oil, molybdenum disulphide, colloidal copper or white lead are applied, multiply the torque values in the charts by the factor .90. The use of Loctite does not affect the torque values listed above.

 WARNING

Anytime a gear-bearing bolt is removed, it must be replaced with a new bolt of the identical grade and size. Once a bolt has been torqued to 75% of its proof load and then removed, the torque coefficient may no longer be the same as when the bolt was new thus giving indeterminate clamp loads after torqueing. Failure to replace gear-bearing bolts may result in bolt failure due to metal fatigue causing death or serious injury.