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Manual Part #99904660

# IMT Propane Body

Revised: July 1, 2020



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## Revisions

| DATE     | LOCATION  | DESCRIPTION   |
|----------|---|---|
| 20090826 |   | PROPANE BODY MANUAL RELEASE   |
| 20090914 |   | ECN 11094 - UPDATED ASSEMBLY  |
| 20091103 | 99904654,<br>99904576   | UPDATED RESERVOIR DRAWING, ADDED FRAME EXTENSION<br>MOUNTING DRAWING.   |
| 20091210 | 51713240  | ECN 11139 - UPDATED TRAY ASSEMBLY, CORRECTED<br>STABILIZER KITS.  |
| 20100325 | 99904262,<br>99904784,<br>99904857.   | ECN 11102-2 - DECAL 70398872 WAS 70397215. ADDED 99904784,<br>99904857 BOOM STOW CIRCUIT DRAWINGS.                  |
| 20100825 | 99904938  | Added DEF tank hoses on 2011 F550 installation information.   |
|          | Decals  | ECN 11287 - Added 70398983 caution decal, welding.  |
| 20100924 |   | ECN 11221 - Changed propane body from weld-on to bolt-on<br>underbody toolboxes. Added drawings 51723154, 51723190. |
| 20110125 | 99904723,<br>99904975,<br>99904976,<br>99904978,<br>99904756,<br>99904774,<br>99904775,<br>99904776 | ECN 11322 - PROPANE UPDATE WITH NEW OPTIONS.  |
| 20110519 | 99905200  | ECN 11468 - New underhood electrical bracket.   |
|          | 99904262  | ECN 11478 - Update to PO/PD stabilizer assembly.  |
| 20110831 | 99905290  | Added propane evacuation pump tool circuit drawing.   |
|          | 99904576  | ECN 11549 - Updated installation drawing.   |
|          | 51719752,<br>51720021   | ECN 11565 - Hardware update to tank bracket assemblies.   |
| 20111205 |   | ECN 11628 - Update stabilizer wording, electrocution distances.   |
| 20120724 | 99904280  | ECN 11758 - Ford installation kit drawing changes.  |
| 20120822 |   | Added mounting bolt torque spec, decal to instruct on use of stabilizers,<br>and equipment safety specifications.   |
| 20130614 |   | Per engineering mark-up; 99905646 new page 78.  |
| 20131118 | 99905632  | Added per engineering   |
|          | 99905649  | Added per engineering   |
| 20140304 | 99903767  | Updated part numbers  |
| 20140425 | 99904660  | ECN 11941 – added new drawing Effective 3/29/13.  |
| 20140512 | 99904088  | ECN 11998 – change rear lights, added new drawing Eff. 8/30/13  |
| 20140625 | 99903687  | ECN 12181 – Update Flood Light Bracket, 72602098 was 72601046   |
|          | 51725142<br>51725144<br>51725454<br>51725455  | ECN 12235 – Boom Support Saddle Revision, added sub-assemblies  |
| 20140819 | 99904654  | ECN 12252 – Change reservoir decal  |
| 20150925 | 99904660  | 51719752-Tank Bracket, 2-Bottle   |
| 20160113 | 99903671  | CN 169-Add washers to the propane outrigger kit.  |
| 20160222 | LED Lights  | CN 174  |
| 20160318 | 99906020  | CN174-12-Changes to floodlight drawing.   |
| 20161014 | 99906099<br>99906093  | CN464-2- 2017 FORD REDESIGN   |

|          |          |   |
|----------|----------|---|
| 20170222 | 99906150 | CN362-ADDED NEW MASTER LOCK DRAWINGS AND KIT INFO |
| 20190115 | 99906409 | CN884   |
| 20200701 | 99905654 | CN1119  |

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:

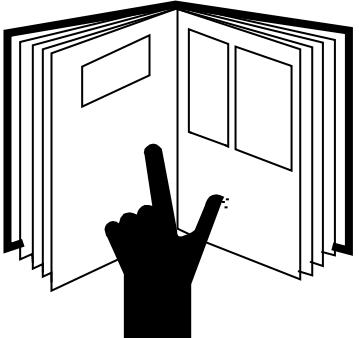
- Have already been fully trained to operate the vehicle and equipment.
- Have demonstrated the effectiveness of your training and the extent of your knowledge.

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.



## 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 troubleshooting 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.

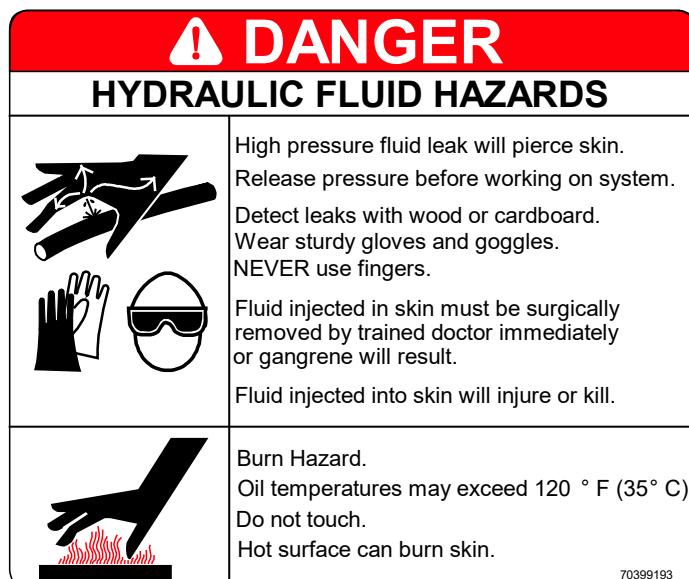
If you suspect that you have been exposed to a high pressure hydraulic skin penetration, seek medical help immediately. The high pressure injection of a fluid such as hydraulic oil, grease and paint constitutes a medical and surgical emergency, requiring access to appropriate specialist surgical expertise 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.

## 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** Body Mounting Bolts - Retorque bolts after 12 hours or 1 week of service, and after 24 hours or 2 weeks of service. Check torques every 3 months after initial installation to ensure secure mounting.
- 7** Covers & Guards - Check for missing or improperly maintained covers and guards.
- 8** 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.
- 9** Work Area - Check for hazards including powerlines, obstructions, etc.

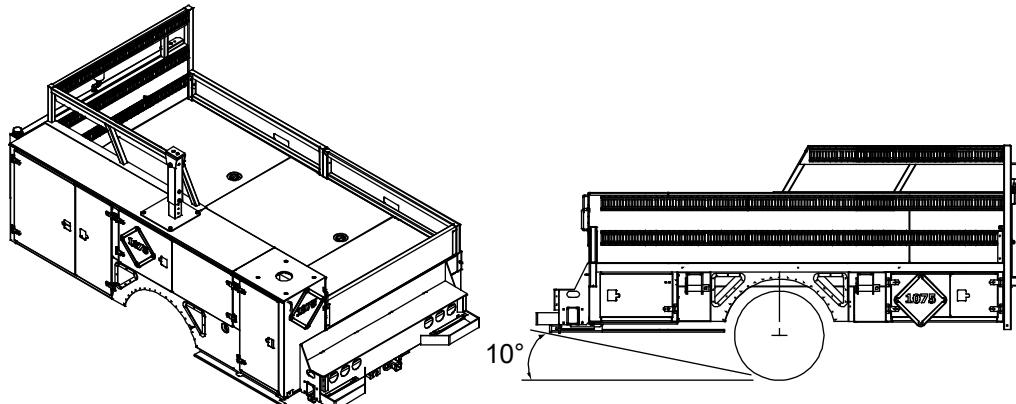
Replace or repair any items as needed prior to equipment operation.

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



## CHAPTER 2

# Propane Body Specifications



| <b>SPECIFICATIONS</b>             |                                    |
|-----------------------------------|------------------------------------|
| Body Rating                       | 38,000 ft-lb (5.3 tm)              |
| Body Weight                       | 3700 lb (1678.3 kg)                |
| Body Width (including rain eaves) | 96 in (244 cm)                     |
| Sidepack Height                   | 44 in (112 cm)                     |
| Sidepack Depth                    | 16 in (41 cm) or 22 in (56 cm)     |
| Cargo Deck Width                  | 71.5 in (182 cm)                   |
| Step Bumper Depth                 | 12 in (30.5 cm)                    |
| Tailgate Height                   | 12 in (30.5 cm)                    |
| Angle of Departure                | 10°                                |
| Total Storage Capacity            | 76.2 cubic feet (2.2 cubic meters) |

#### Compartment Dimensions

|  |   |
|--|---|
| Left 1st Vertical  | 29.5" W x 38.5 "H (78 cm W x 98 cm H)   |
| Left 2nd Vertical  | 16.5" W x 38.5" H (42 cm W x 98 cm H)   |
| Left Horizontal  | 63.38" W x 21" H (161 cm W x 53.3 cm H) |
| Left Rear  | 18.0" W x 38.5" H (45.7 cm W x 98 cm H) |
| Underbody Toolbox<br>(Optional bolt-on for right or left side) | 40.0" W x 16.5" H (102 cm W x 42 cm H)  |
| Right Rear Block Box   | 30" W x 19.5" H (76 cm W x 49.5 cm H)   |

#### Tank Hauling Capacity

The propane body is designed to transport one 500-gallon propane tank, or up to 13-100 pound propane cylinders. With optional cradle in the rear of the body, the body can support a one 1000-gallon tank.

#### Pipe Hauling Capacity

Optional rack kits are available for transporting lengths of pipe over the side of the body.

#### Body Materials

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

**Body Sub-Structure**

The body sub-structure includes 12-gauge galvannealed material with integral crane box, front stabilizer receptacles and rear stabilizer housing.

**Aluminum Side Panels**

The side racks are constructed from 0.12" thick aluminum for ease of handling and corrosion resistance.

**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 galvannealed 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.

**Sidepack Options**

- |   |
|---|
| 1. Drawers and drawer sets                    |
| 2. Standard adjustable shelves                |
| 3. 3" high divided adjustable shelves         |
| 4. Manual and hydraulic stabilizers           |
| 5. Individual incandescent compartment lights |
| 6. Work lights                                |
| 7. Telescopic cranes up to 38,000 ft-lb       |

**CHASSIS SPECIFICATIONS**

|  |                  |
|--|------------------|
| Minimum Cab-to-Axle Dimensions (Cab-to-Trunnion for tandem axle) |                  |
| Dominator Propane Body   | Single Axle (CA) |
| 12' Body   | 84"              |

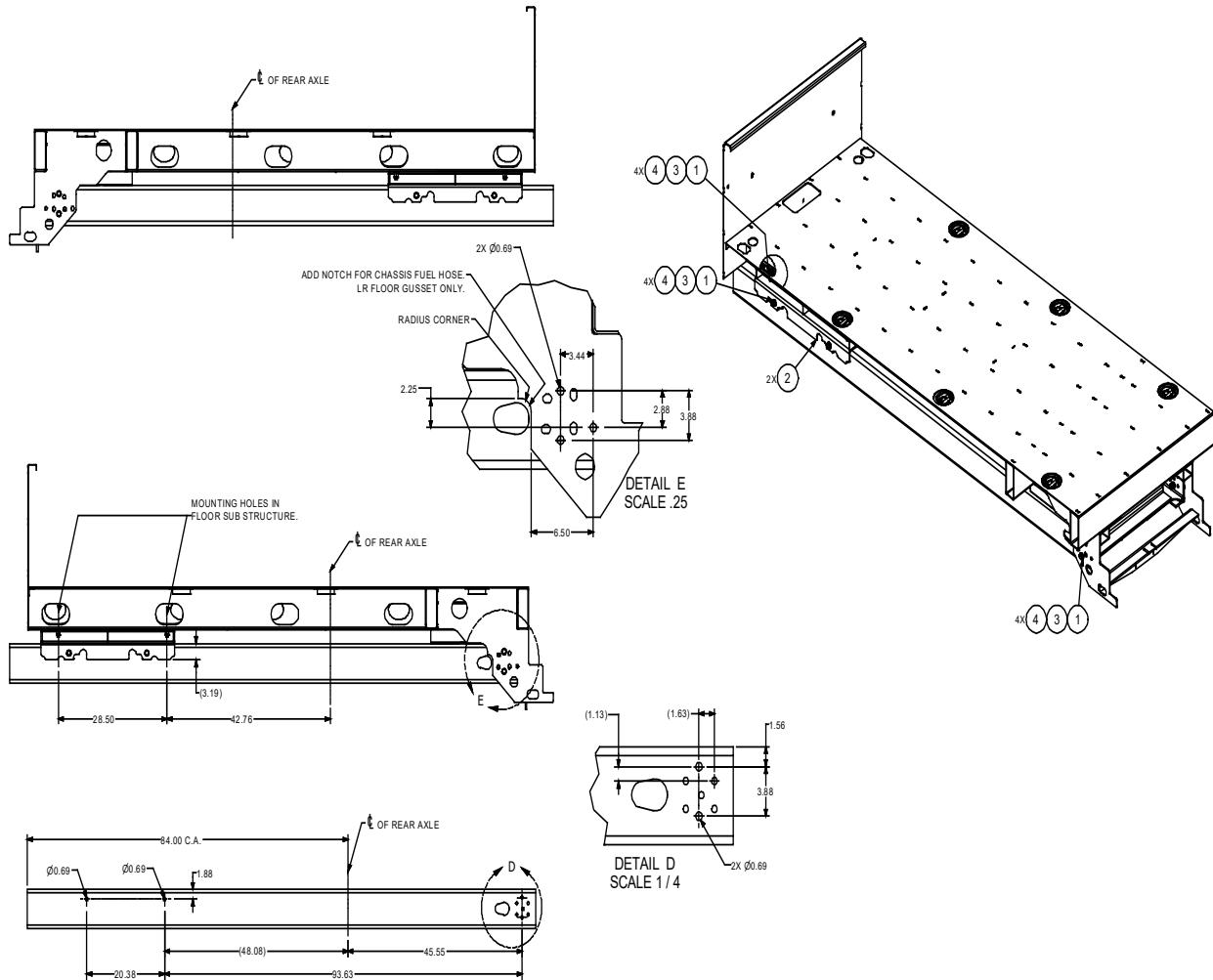
## CHAPTER 3

# Assemblies & Installation

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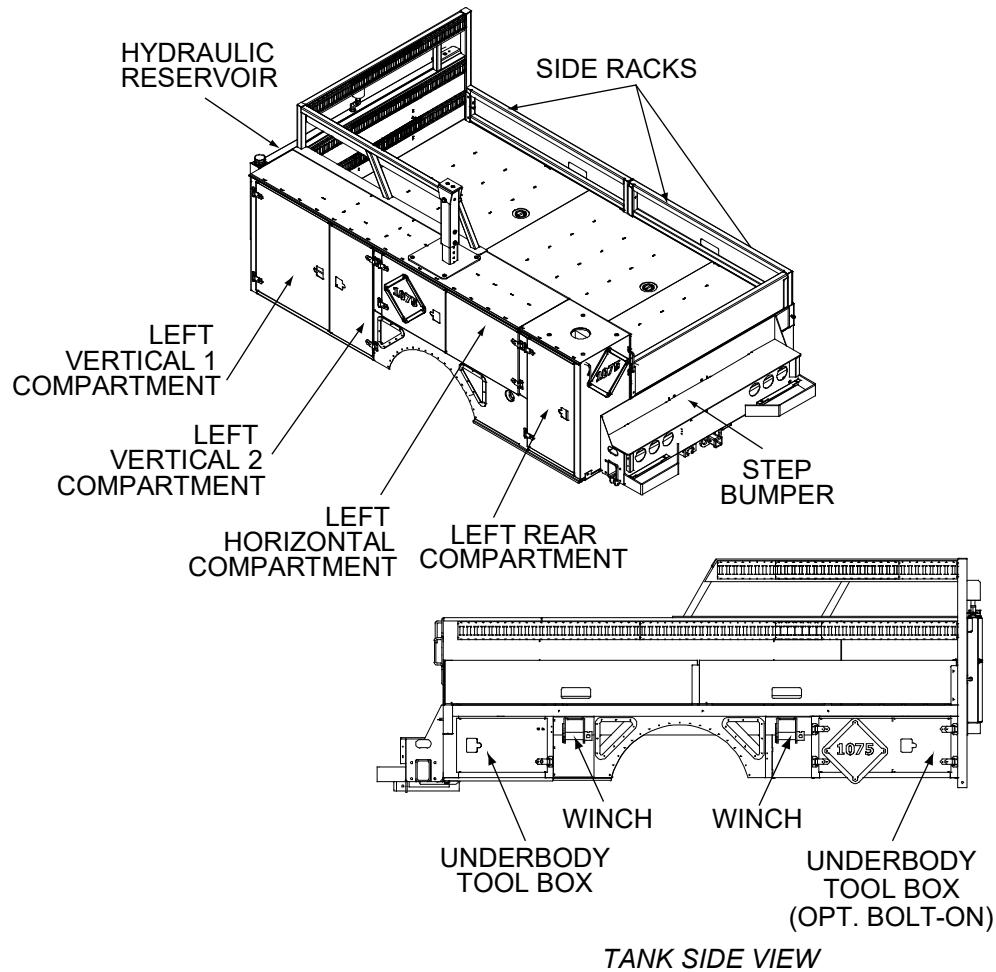
# 2019 Chevy / IH CV Chassis Installation (99906409)



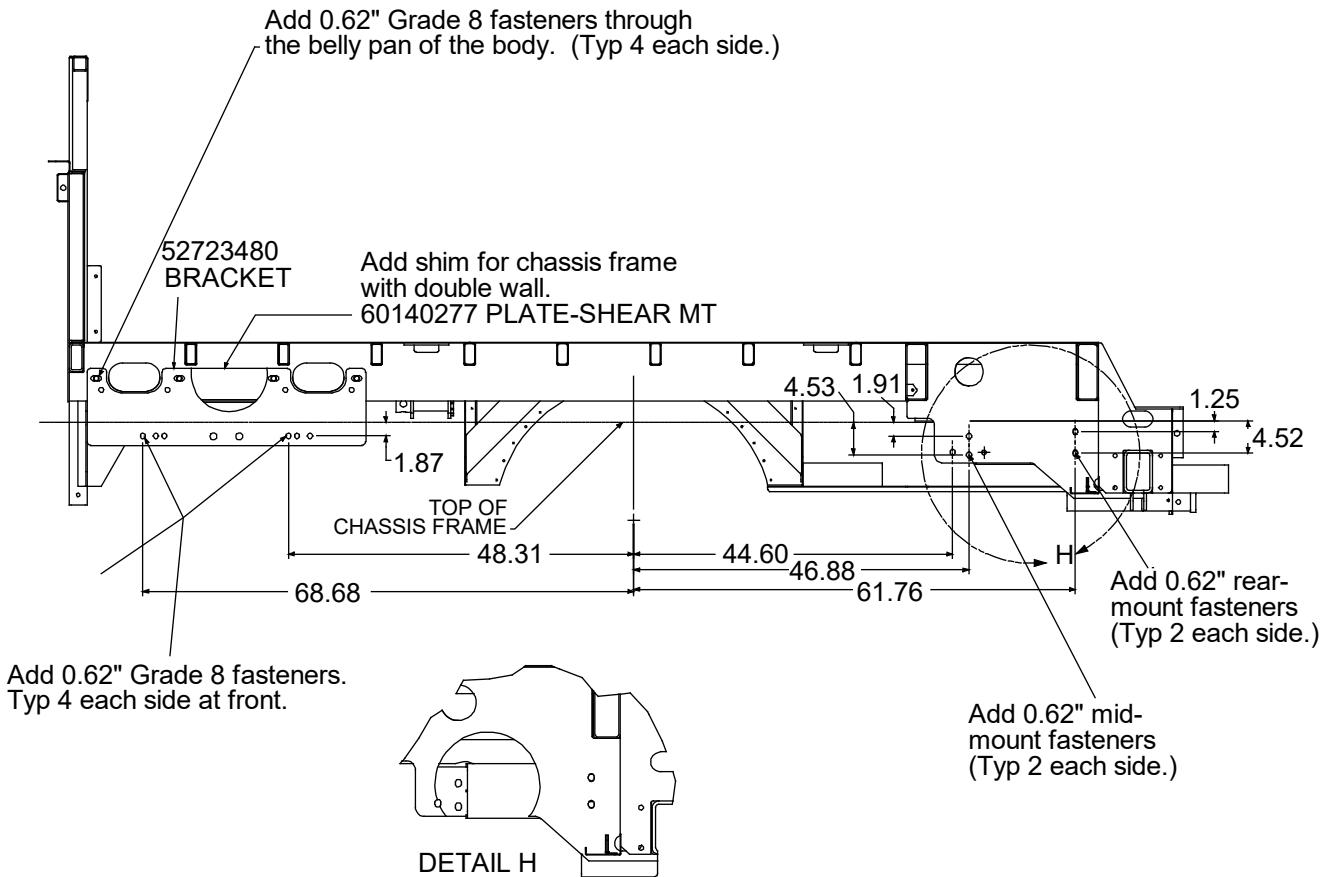
| ITEM NO. | PART NO. | DESCRIPTION                            | QTY. |
|----------|----------|--|------|
| 1.       | 72063119 | WASHER .62 FLAT ASTM F436              | 24   |
| 2.       | 52727583 | BRACKET-BODY FRT DOM1 84CA CHEVY/IH CV | 2    |
| 3.       | 72060151 | CAP SCR .62-11X 2.00 HH GR8 Z          | 13   |
| 4.       | 72601859 | NUT .62-11 HEX GR8 YZ NYLOCK           | 12   |

REV. INITIAL RELEASE

## Propane Body Identification (99904576)



## Body Installation (99904576-3)



### WARNING:

Mount body using grade 8 cap screws, washers, and nyloc nuts. Bodies installed at IMT use 5/8-11 hex head grade 8 zinc-plated bolts with a bolt torque of 160 ft-lb (22 kg-m). Reference the torque charts provided in this manual for plain, unplated bolts.

Torque fasteners at installation. Retorque after 12 hours or 1 week of service, and again after 24 hours or 2 weeks of service. Check torques every 3 months to ensure secure mounting.

### NOTES:

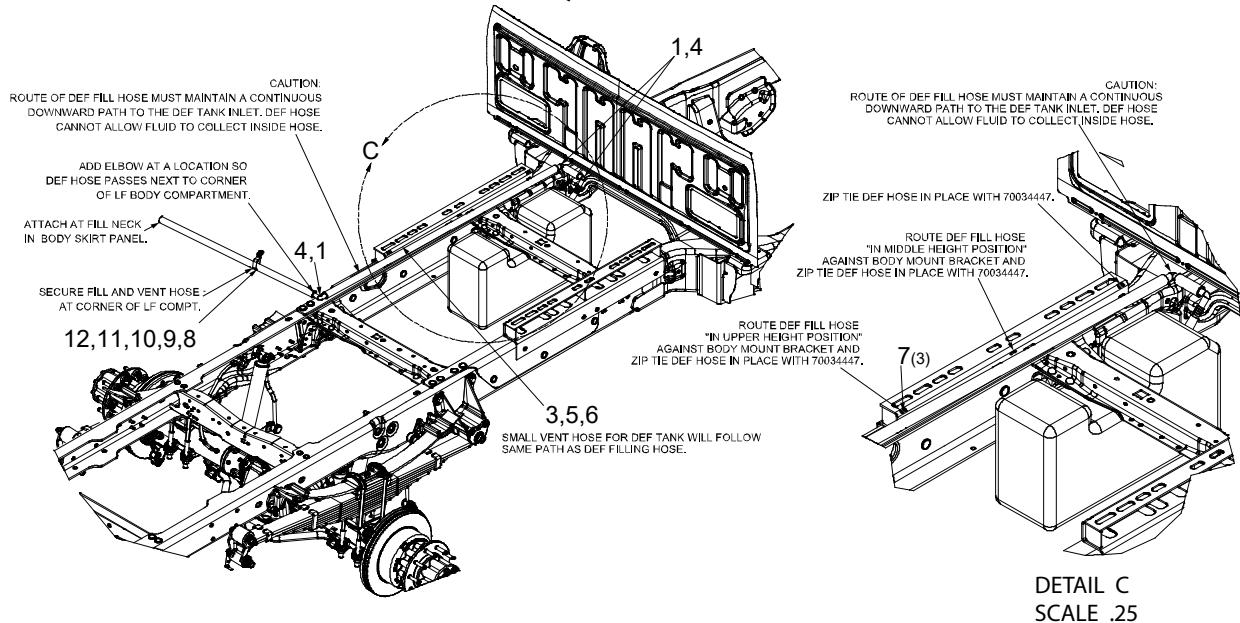
When adding the 16" frame extensions, use 60134795, which has slots and weld gap tabs.

If the chassis has a *double wall frame*, ahead of the rear axle, the top of the frame extensions will be 1/4" (6 mm) above the top of the chassis frame. Do not install the standard rear shims that normally sit on top of the chassis after frame.

If the chassis has a *single wall frame*, ahead of the rear axle, the top of the frame extensions will be flush with the top of the chassis frame.

## Body Installation-Def Fill - Ford 2017 (99906093)

**NOTE: THIS DRAWING IS ONLY REQUIRED FOR FORD 2017 AND NEWER**



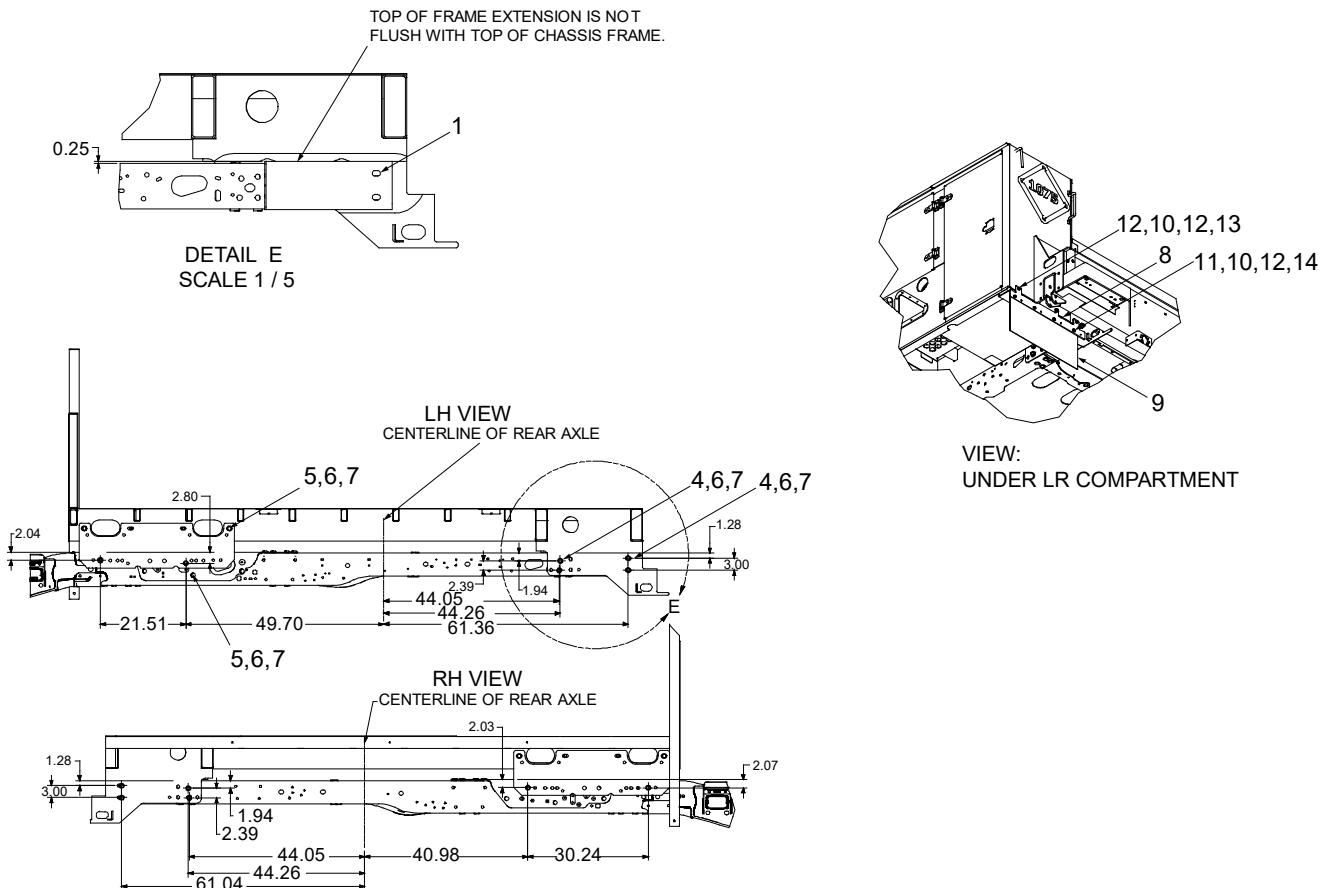
DETAIL C  
SCALE .25

### 99906093 COMPLETE PARTS LIST

| ITEM              | PART NO. | DESCRIPTION                     | QTY |
|-------------------|----------|---------------------------------|-----|
| 1                 | 70034516 | ELBOW-BARB/90/BARB .75 .75 POLY | 3   |
| 2                 | 89399977 | HOSE-DEF .88 ID POLY            | 7   |
| 3                 | 89399976 | HOSE-DEF .44 ID POLY            | 7   |
| 4                 | 72066000 | CLAMP-HOSE .50-1.25 SAE #12     | 7   |
| 5                 | 72066003 | CLAMP-HOSE .44-1.00 SAE #8      | 4   |
| 6                 | 70034519 | NIPPLE-BARB NYL .38/.38 STRAIT  | 2   |
| 7                 | 70034447 | TIES-PLASTIC .25W 11.38L BLACK  | 3   |
| 8                 | 72066587 | CLAMP-LOOP 3 TUBES CUSHIONED    | 1   |
| 9                 | 72063001 | WASHER .25 FLAT                 | 1   |
| 10                | 72060002 | CAP SCR .25-20X .75 HH GR5 Z    | 1   |
| 11                | 76392820 | WASHER-BONDED .25 PLTD          | 1   |
| 12                | 72062104 | NUT .25-20 HEX NYLOCK           | 1   |
| REV. NEW 20161014 |          |                                 |     |

## Body Installation-Ford 2017 (99906099)

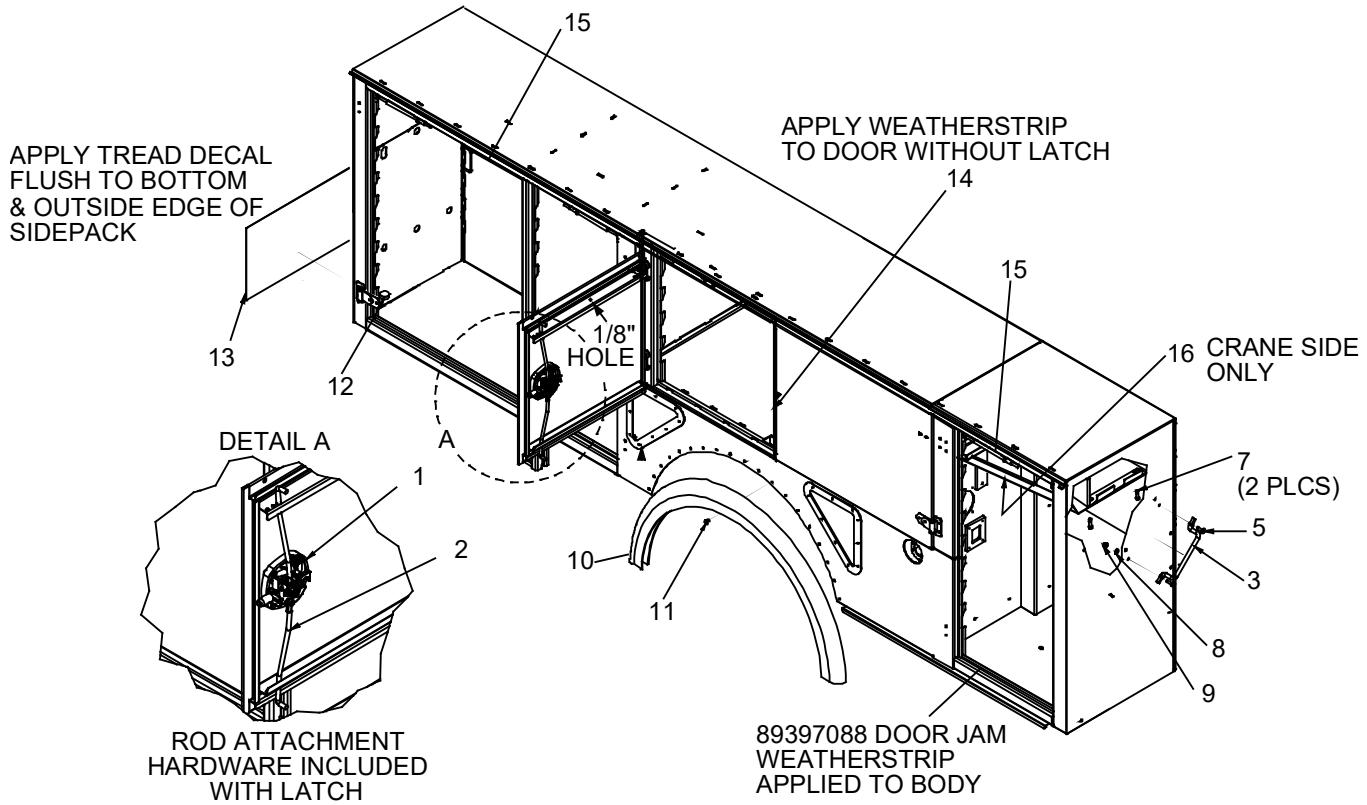
**NOTE: THIS DRAWING IS ONLY REQUIRED FOR FORD 2017 AND NEWER**



| 99906099 COMPLETE PARTS LIST |          |  |     |
|------------------------------|----------|--|-----|
| ITEM                         | PART NO. | DESCRIPTION  | QTY |
| 1                            | 60134795 | FRAME EXT-.31X 4.50X 5.88X 16.00 FLATBE            | 2   |
| 2                            | 52723480 | BRACKET-BODY FRT DOM1 84CA PROPANE 19000 GVW FRONT | 2   |
| 3                            | 60140277 | PLATE-SHEAR PROPANE MOUNT                          | 2   |
| 4                            | 72060151 | CAP SCR .62-11X 2.00 HH GR8 Z                      | 8   |
| 5                            | 72601482 | CAP SCR .62-11X 2.50 HH GR8 Z                      | 8   |
| 6                            | 72601859 | NUT .62-11 HEX GR8 YZ NYLOCK                       | 16  |
| 7                            | 72063119 | WASHER .62 FLAT ASTM F436                          | 32  |
| 8                            | 60131361 | BRACKET-MUD FLAP DOM1 FORD 6.4L                    | 2   |
| 9                            | 76395819 | MUD FLAP W/IMT LOGO 16H X 24W                      | 2   |
| 10                           | 72062109 | NUT .31-18 HEX NYLOCK                              | 16  |

| 99906099 COMPLETE PARTS LIST |          |                               |     |
|------------------------------|----------|-------------------------------|-----|
| ITEM                         | PART NO. | DESCRIPTION                   | QTY |
| 11                           | 72060026 | CAP SCR .31-18X 1.25 HH GR5 Z | 16  |
| 12                           | 72063002 | WASHER .31 FLAT               | 16  |
| 13                           | 76392598 | WASHER-BONDED .31 PLTD        | 8   |
| 14                           | 72063078 | WASHER .31X1.50 OD ZINC       | 8   |
| REV. NEW 20161014            |          |                               |     |

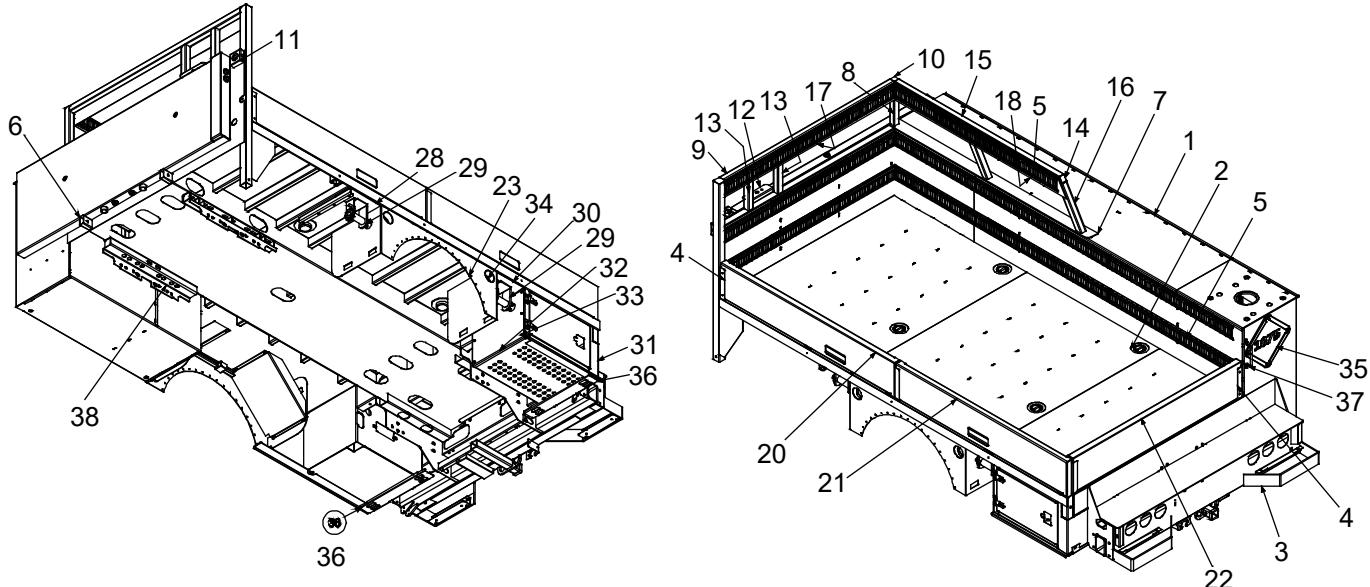
## Body Assembly (51722463)



**BODY ASSEMBLY PARTS LIST (51722463)**

| ITEM                            | PART #   | DESCRIPTION                            | QUANTITY    |
|---------------------------------|----------|--|-------------|
| 1.                              | 72661599 | LATCH ASM-3PT COMPRESSION              | AS REQUIRED |
| 2.                              | VARIOUS  | ROD-DOOR                               | A/R         |
| 3.                              | 72661467 | HANDLE-BODY BOLT ON 7.0X2.5BLK         | 2           |
| 4.                              | 60126311 | STEP GRIP STRUT LH                     | 1           |
| 5.                              | 72601590 | CAP SCR-SS .31-18X1.00 TRH PHH         | 4           |
| 8.                              | 72063152 | WASHER-SS .31 R FLAT WRT TYPE 304      | 4           |
| 9.                              | 72062167 | NUT-SS .31-18 HEX NYLOC                | 4           |
| 10.                             | 60396773 | FENDER RUBBER (DOM 1)                  | 2           |
| 11.                             | 72661384 | RIVET-AL LG HD .25X .50 GRIP           | A/R         |
| 12.                             | 70034366 | PLUG-PLSTC BUTTON BP-1-1/8             | A/R         |
| 13.                             | 60350056 | TREAD-SHUR STEP 12"X 21 in.            | 2           |
| 14.                             | 89393638 | WEATHERSTRIP- .75X.38 TRIM-LOC X119 BT | A/R         |
| 15.                             | 89396626 | EDGING-PLASTIC BLK                     | A/R         |
| 16.                             | 60116698 | DRIP TRAY (DOM 1 & 2)                  | 1           |
| REV. F 20070626 (FROM 99903654) |          |  |             |

## Propane Body Assembly, RH 22" Deep (99904723)



**NOTES:**

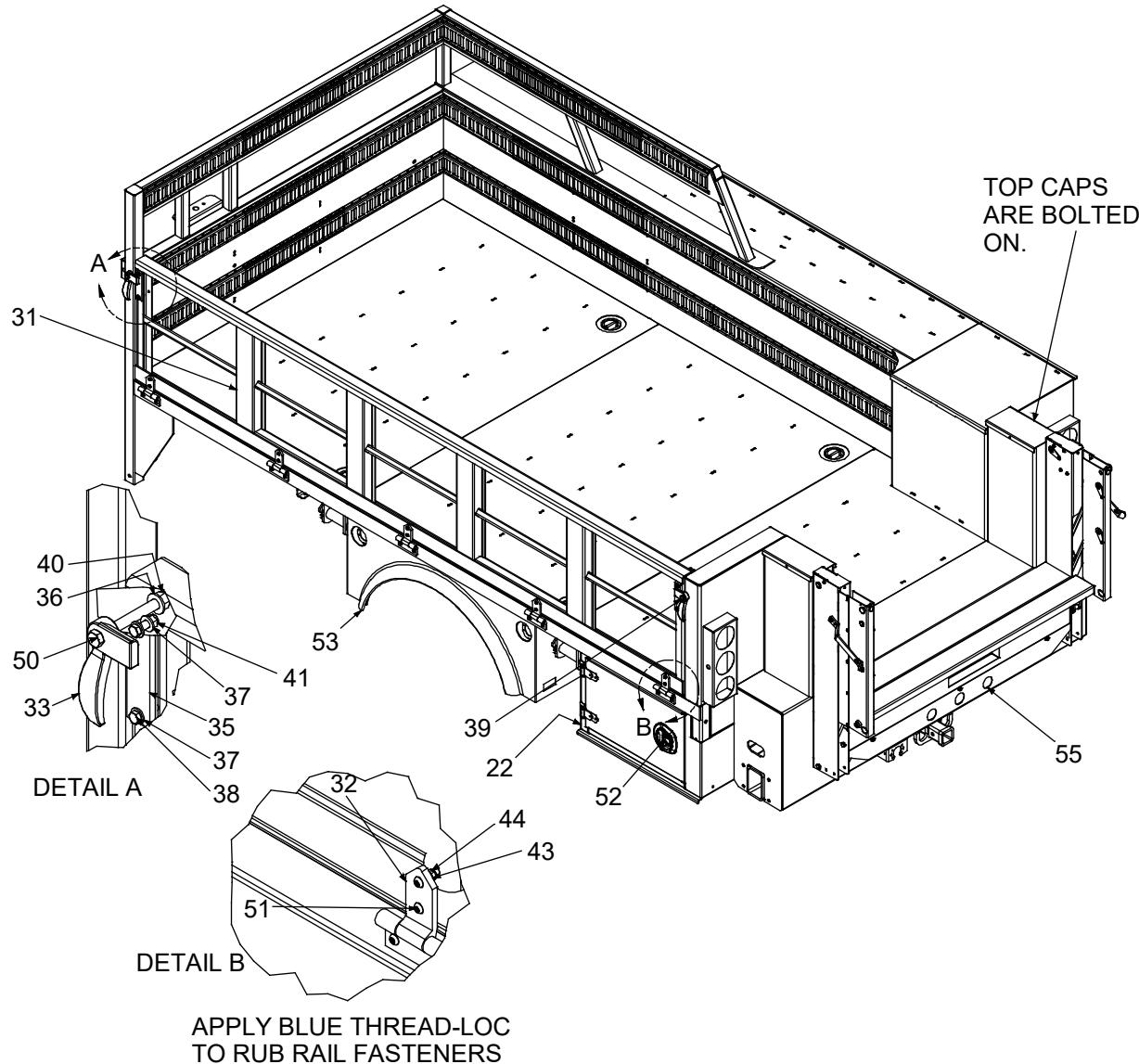
- CAREFULLY MOUNT THE BODY ON THE CHASSIS AS THE RESERVOIR BOLTS ARE ONLY ABOUT 1" FROM THE CHASSIS REAR WINDOW.

**99904723 PARTS LIST**

| ITEM | PART #   | DESCRIPTION  | QUANTITY |
|------|----------|--|----------|
| 1.   | 99904725 | SIDEPACK-11 RH STD                                 | 1        |
| 2.   | 99904724 | FLOOR-DOM1-12 RR CRN PROPANE                       | 1        |
| 3.   | 99904726 | DRAWING, DOM 1 SII REAR STEP BUMPER WLD RR PROPANE | 1        |
| 4.   | 60133284 | CHANNEL-FORM RACK PROPANE                          | 2        |
| 5.   | 71413222 | TRACK-TRUCK E-TRACK HORIZ 5ft LONG                 | 11       |
| 6.   | 60121318 | TUBE-RC 3.00X 1.50X.12X 3.50                       | 2        |
| 7.   | 60133922 | BAR-.25X 4.00X 81.00                               | 1        |
| 8.   | 60133916 | TUBE-SQ 2.00X 2.00X.12X 15.62                      | 1        |
| 9.   | 60133917 | TUBE-SQ 2.00X 2.00X.12X 69.37                      | 1        |
| 10.  | 60111508 | SHEET-10GA X 1.75 X 1.75                           | 1        |
| 11.  | 60135964 | BRACKET-MARKER LIGHT EXTERNAL .75                  | 1        |
| 12.  | 60133919 | LIGHT BRACKET                                      | 1        |
| 13.  | 60133918 | TUBE-SQ 2.00X 2.00X.12X 13.87                      | 2        |
| 14.  | 60133950 | SHEET-10GA X 1.75 X 2.00                           | 1        |
| 15.  | 60133915 | TUBE-SQ 2.00X 2.00X.12X 68.15 ANGLE CUT            | 1        |
| 16.  | 60133914 | TUBE-SQ 2.00X 2.00X.12X 16.81 ANGLE CUT            | 2        |
| 17.  | 60133920 | SHEET-12GA X 6.00 X 69.31                          | 1        |
| 18.  | 60133921 | SHEET-12GA X 5.50 X 70.00                          | 1        |

| <b>99904723 PARTS LIST</b> |          |  |          |
|----------------------------|----------|--|----------|
| ITEM                       | PART #   | DESCRIPTION                                  | QUANTITY |
| 19.                        | 60123785 | CHOCK-TRIM RING ON DOM SKIRT                 | 2        |
| 20.                        | 52722614 | RACK-ALUMINUM RH FRONT PROPANE BODY          | 1        |
| 21.                        | 52722615 | RACK-ALUMINUM RH REAR PROPANE BODY           | 1        |
| 22.                        | 52722108 | RACK-ALUMINUM REAR PROPANE                   | 1        |
| 23.                        | 60134787 | SIDEPACK SKIRT D1 LH PROPANE                 | 1        |
| 28.                        | 60133353 | PLATE .25 X 6.00 X 12.38                     | 1        |
| 29.                        | 70057658 | WINCH-TRUCK TIEDOWN 30ft (SLIDE)             | 2        |
| 30.                        | 60133352 | PLATE .25 X 6.00 X 11.12                     | 1        |
| 31.                        | 52722617 | UNDERBODY TOOLBOX-PROPANE LR                 | 1        |
| 32.                        | 60251302 | GUARD-ROCK PROPANE                           | 1        |
| 33.                        | 72601410 | SCREW-MACH .25-20X .75 BTNHD ZC              | 6        |
| 34.                        | 52705805 | RECESS-FILLNECK 900 MECH BODY                | 2        |
| 35.                        | 70395930 | PLACARD-TANKER FLIP SYSTEM                   | 2        |
| 36.                        | 60120705 | MOUNTING BRACKET-WIRE HARNESS                | 2        |
| 37.                        | 72661467 | HANDLE-BODY BOLT ON 7.0X2.5BLK               | 1        |
| 38.                        | 52722096 | BRACKET-BODY FRT DOM1 84CA PROPANE 19000 GVW | 2        |
| 39.                        | 52721806 | HYDRAULIC RESERVOIR-WLDMT 23 GAL PROPANE     | 1        |
| 41.                        | 60135976 | GUSSET-PROPANE LF FRONT                      | 1        |
| 42.                        | 60135970 | GUSSET-PROPANE RIGHT FRONT SIDE              | 1        |
| 43.                        | 60135977 | CHANNEL-PROPANE UBTB SUPPORT LF              | 1        |

## Propane Body Assembly, RH 16" Deep with Loadgate, Fold-Down Rack (99904975)



### 99904975 PARTS LIST

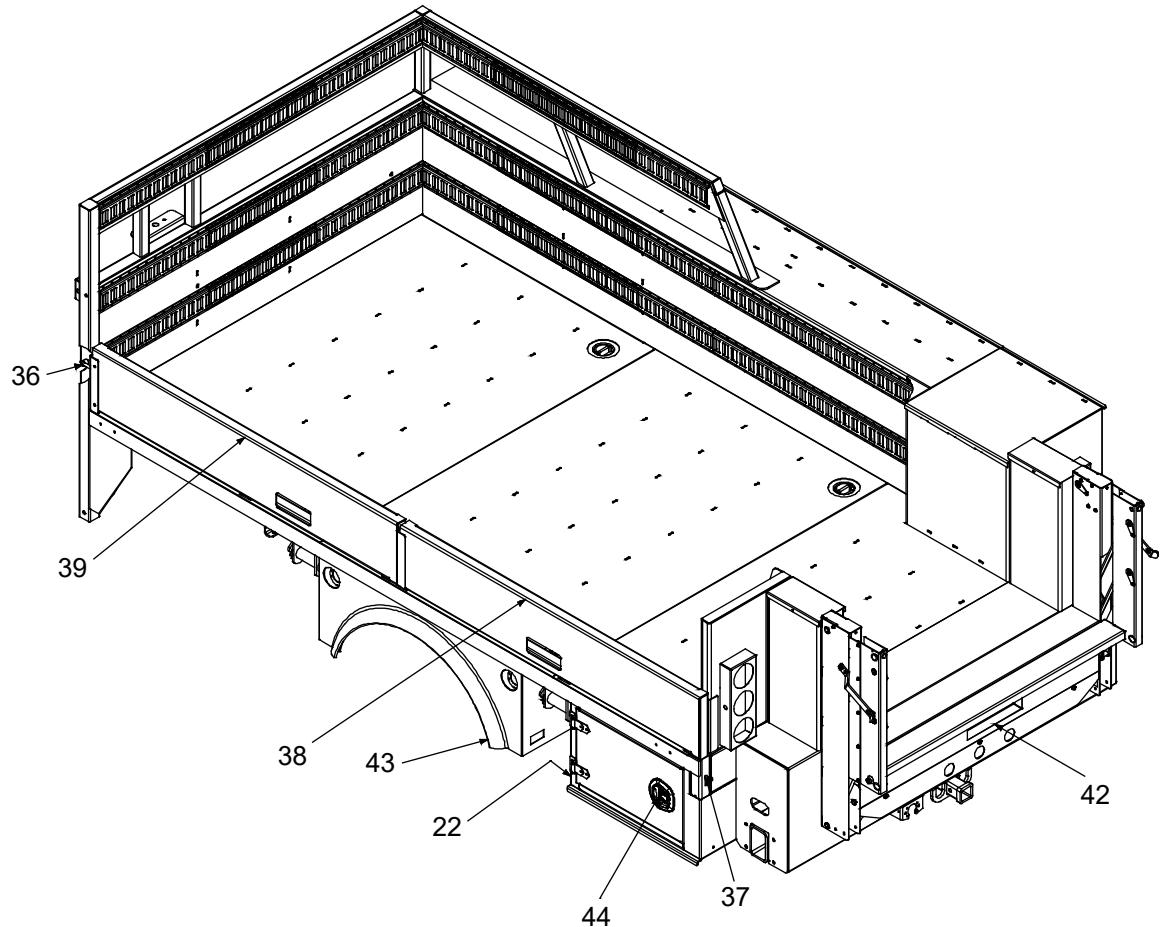
| ITEM | PART #   | DESCRIPTION                          | QUANTITY |
|------|----------|--------------------------------------|----------|
| 22.  | 60251302 | GUARD-ROCK PROPANE                   | 1        |
| 31.  | 52722897 | RACK-WELDMENT PROPANE 12ft ALUM SECT | 1        |
| 32.  | 72661357 | HINGE-BUTT 4-NB ZC .50 PIN           | 5        |
| 33.  | 72066368 | LATCH-END GATE LEFT HAND             | 1        |
| 35.  | 60030265 | STOP-SIDE RAC K 3010 AL HAUL         | 2        |

**99904975 PARTS LIST**

| ITEM         | PART #   | DESCRIPTION                        | QUANTITY |
|--------------|----------|------------------------------------|----------|
| 36.          | 72063205 | WASHER-FLAT .50 TYPE 304SS         | 4        |
| 37.          | 72063003 | WASHER .38 FLAT                    | 8        |
| 38.          | 72060047 | CAP SCREW .38-16X 1.25 HH GR5 Z    | 4        |
| 39.          | 72060094 | CAP SCREW .50-13X 1.75 HH GR5 Z    | 1        |
| 40.          | 72062080 | NUT .50-13 HEX NYLOC               | 2        |
| 41.          | 72062103 | NUT .38-16 HEX NYLOC               | 4        |
| 43.          | 72063002 | WASHER .31 FLAT                    | 10       |
| 44.          | 72062109 | NUT .31-18 HEX NYLOCK              | 10       |
| 50.          | 72060100 | CAP SCREW .50-13X 4.50 HH GR5 Z    | 1        |
| 51.          | 72601551 | SCREW-MACH .31-18X 1.25 TRH PHH SS | 15       |
| 52.          | 72661599 | LATCH ASM-3PT DOM (II) COMPRESSION | 5        |
| 53.          | 60396773 | RUBBER FENDER                      | 2        |
| 55.          | 70734523 | LOADGATE                           | 1        |
| NEW 20110110 |          |                                    |          |

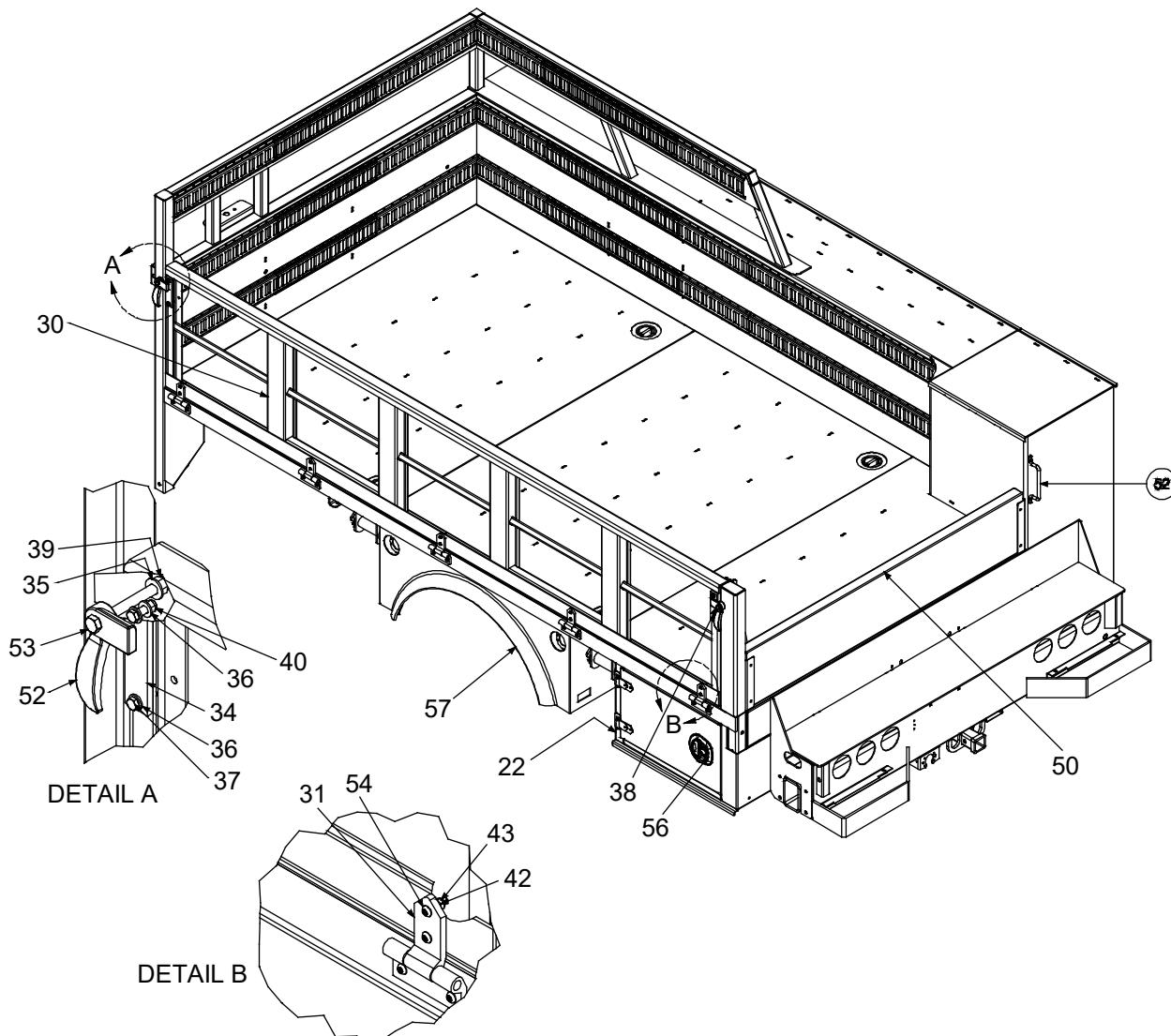
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## Propane Body Assembly, RH 16" D with Loadgate, Lift-Out Rack (99904977)


**99904977 PARTS LIST**

| ITEM         | PART #   | DESCRIPTION                             | QUANTITY |
|--------------|----------|---|----------|
| 22.          | 60251302 | GUARD-ROCK PROPANE                      | 1        |
| 36.          | 71733327 | PIN-QUICK RLSE .50D/5.0CRIT RNG         | 1        |
| 37.          | 71732054 | PIN-QUICK RLSE .50D/2.5CRIT RNG         | 1        |
| 38.          | 52722615 | RACK-ALUM RIGHT HAND REAR PROPANE BODY  | 1        |
| 39.          | 52722614 | RACK-ALUM RIGHT HAND FRONT PROPANE BODY | 1        |
| 42.          | 70734523 | LOADGATE                                | 1        |
| 43.          | 60396773 | FENDER RUBBER DOM I                     | 2        |
| 44.          | 72661599 | LATCH ASM-3PT COMPRESSION               | 5        |
| NEW 20110110 |          |   |          |

## Propane Body Assembly, RH 16" Deep with Step, Fold-Down Rack (99904976)



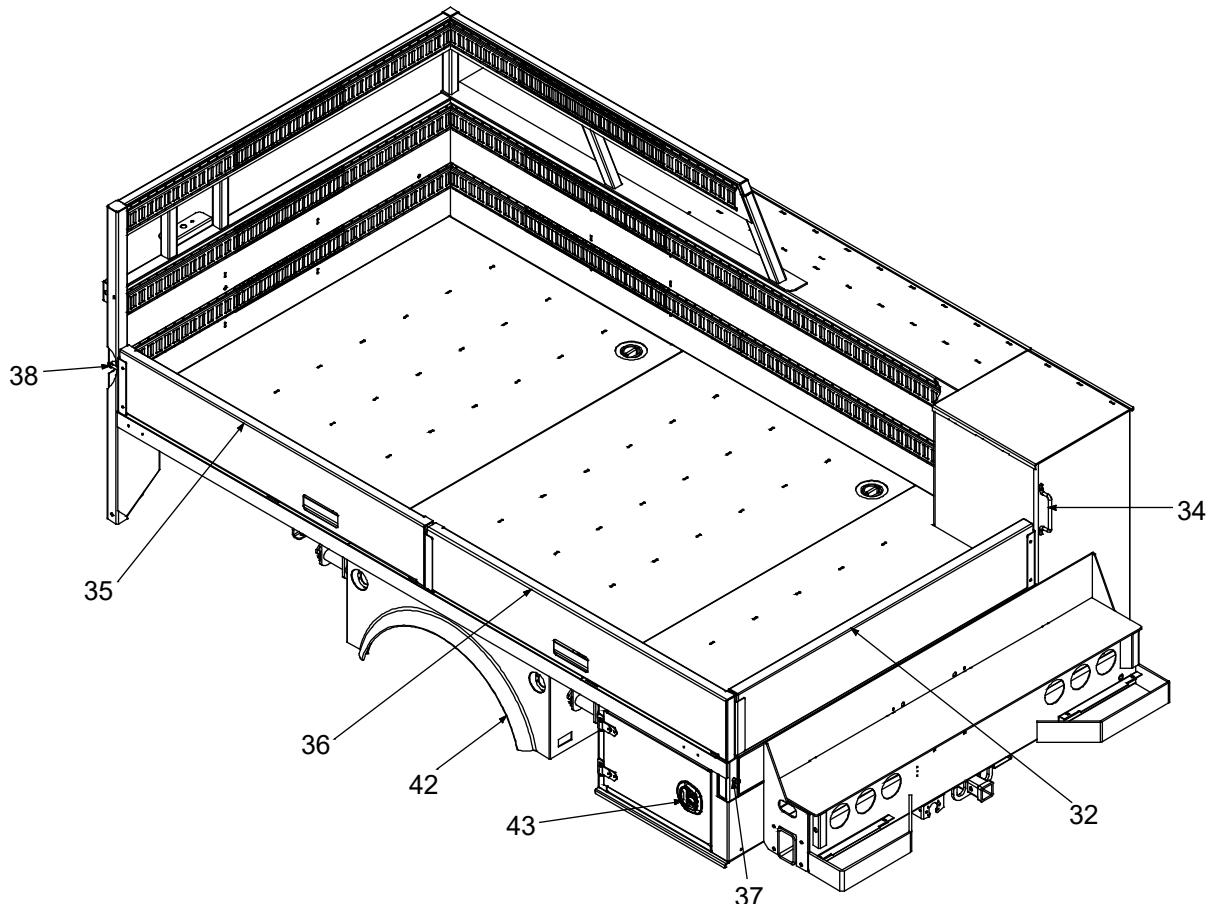
APPLY BLUE THREAD-LOCK  
TO RUB RAIL FASTENERS.

### 99904976 PARTS LIST

| ITEM | PART #   | DESCRIPTION                        | QUANTITY |
|------|----------|------------------------------------|----------|
| 22.  | 60251302 | ROCK GUARD                         | 1        |
| 30.  | 52722897 | RACK-WELDMENT 12' ALUMINUM SECTION | 1        |
| 31.  | 72661357 | HINGE                              | 5        |
| 34.  | 60030265 | STOP-SIDE RAIL                     | 2        |
| 35.  | 72063205 | WASHER-FLAT 1/2 TYPE 304SS         | 4        |

| <b>99904976 PARTS LIST</b> |          |  |          |
|----------------------------|----------|--|----------|
| ITEM                       | PART #   | DESCRIPTION                              | QUANTITY |
| 36.                        | 72063003 | WASHER 3/8 FLAT                          | 8        |
| 37.                        | 72060047 | CAP SCREW .38-16 X 1.25 HHGR5Z           | 4        |
| 38.                        | 72060094 | CAP SCREW .50-13 X 1.75 HHGR5Z           | 1        |
| 39.                        | 72062080 | NUT .50-13 HEX NYLOCK                    | 2        |
| 40.                        | 72062103 | NUT .38-16 HEX NYLOCK                    | 4        |
| 42                         | 72063002 | WASHER .31 FLAT                          | 10       |
| 43.                        | 72062109 | NUT .31-18 HEX NYLOCK                    | 10       |
| 50.                        | 52722108 | RACK-ALUM REAR PROPANE                   | 1        |
| 52.                        | 72661647 | HANDLE-BODY BOLT-ON                      | 1        |
| 53.                        | 72060100 | CAP SCREW .50-13 X 4.50 HHGR5Z           | 1        |
| 54.                        | 72601551 | SCREW-MACHINERY .31-18 X 1.25 TRH PHH SS | 20       |
| 56.                        | 72661599 | LATCH ASSEMBLY-3PT COMPRESSION           | 5        |
| 57.                        | 60396773 | RUBBER FENDER                            | 2        |
| NEW 20110110               |          |  |          |

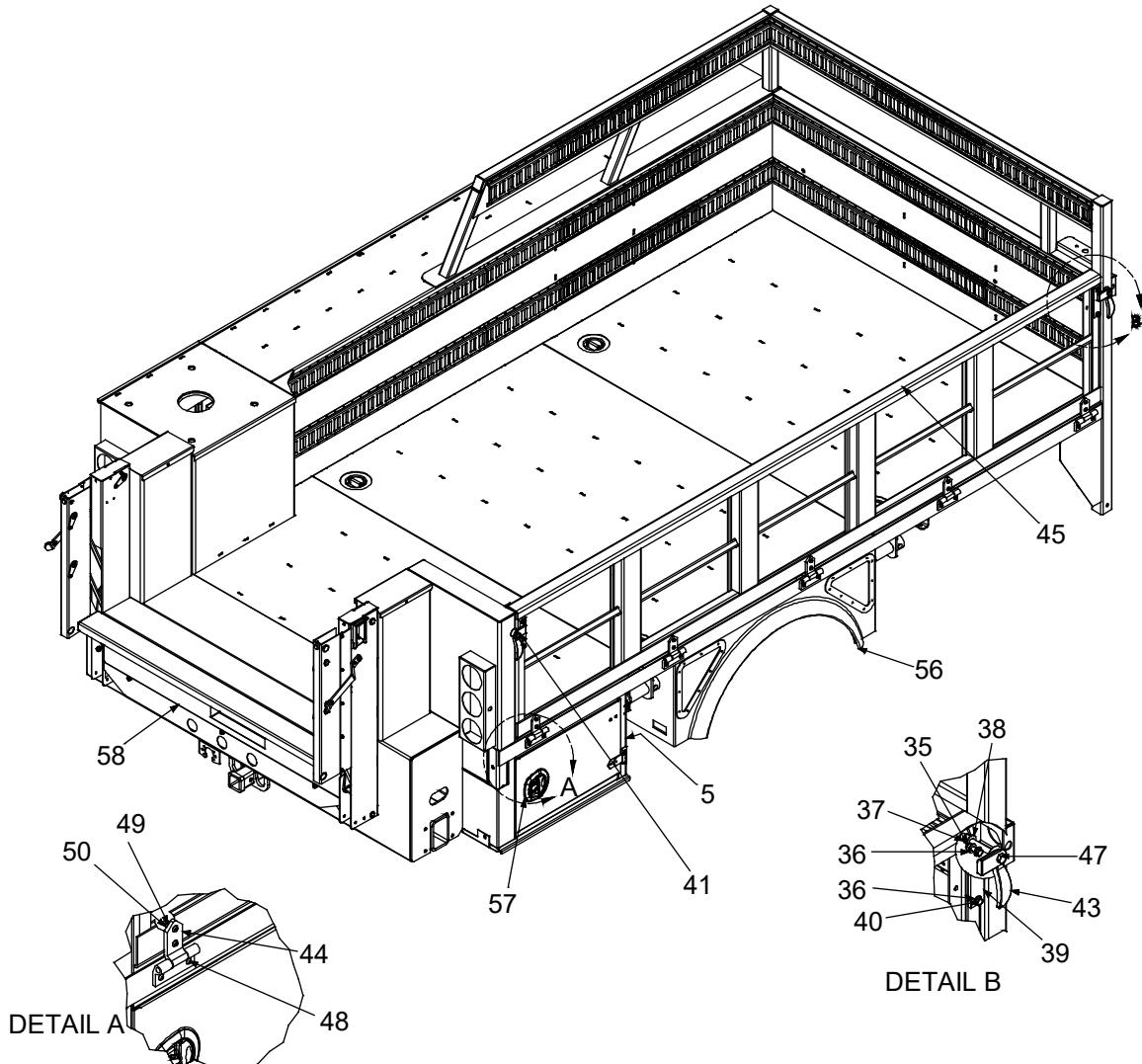
## Propane Body Assembly, RH 16" Deep with Step, Lift-Out Rack (99904978)



**99904978 PARTS LIST**

| ITEM         | PART #   | DESCRIPTION                             | QUANTITY |
|--------------|----------|---|----------|
| 32.          | 52722108 | RACK-ALUMINUM REAR PROPANE              | 1        |
| 34.          | 72661647 | HANDLE-BODY BOLT-ON                     | 1        |
| 35.          | 52722614 | RACK-ALUM RIGHT HAND FRONT PROPANE BODY | 1        |
| 36.          | 52722615 | RACK-ALUM RIGHT HAND REAR PROPANE BODY  | 1        |
| 37.          | 71732054 | PIN-QUICK RELEASE .50D/2.5CRIT RNG      | 1        |
| 38.          | 71733327 | PIN-QUICK RELEASE .50D/5.0CRIT RNG      | 1        |
| 42.          | 60396773 | RUBBER FENDER                           | 2        |
| 43.          | 72661599 | LATCH ASSEMBLY-3PT COMPRESSION          | 5        |
| NEW 20110110 |          |   |          |

# **Propane Body Assembly, LH 16" Deep with Loadgate, Fold-Down Rack (99904756)**



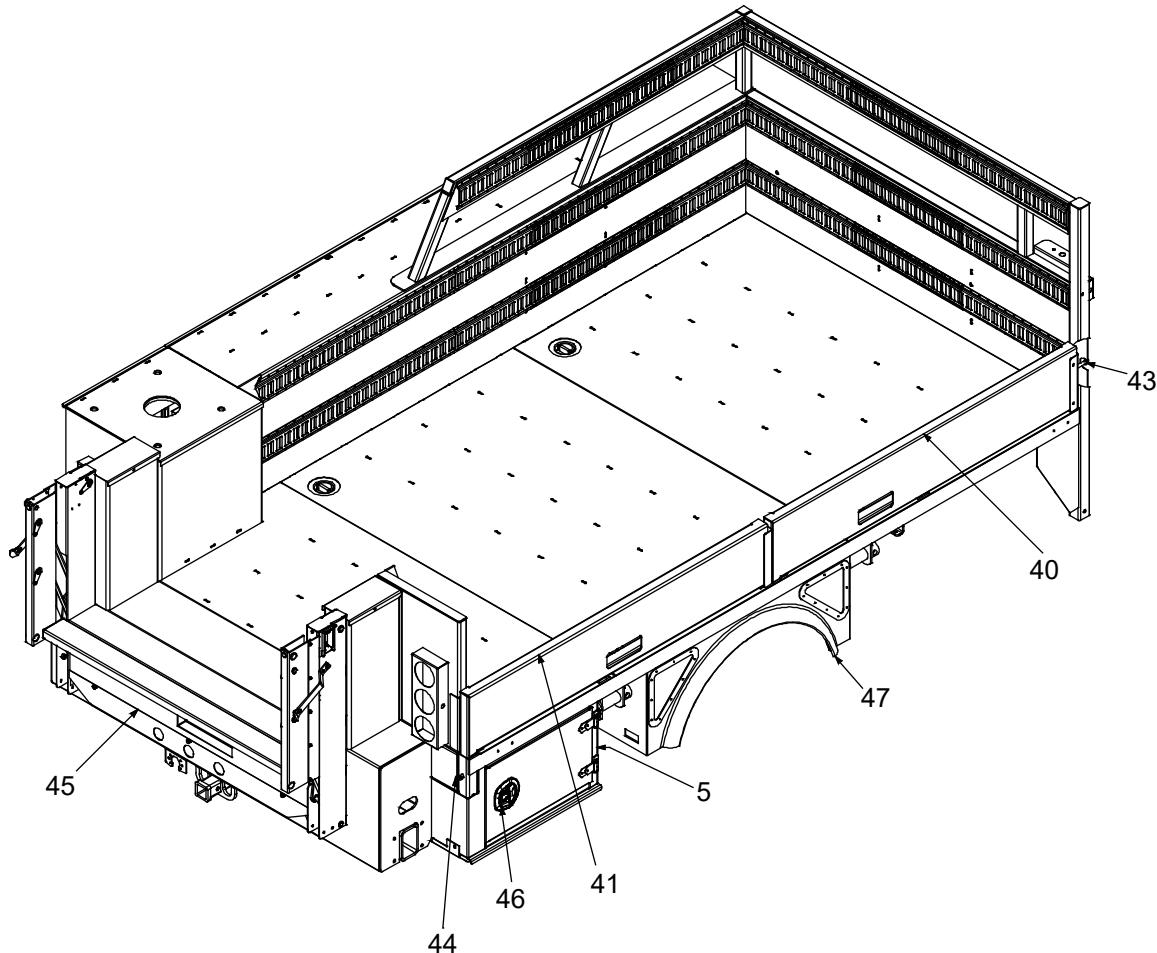
**APPLY BLUE THREAD LOCK  
TO RUB RAIL FASTENERS.**

| 99904756 PARTS LIST |          |   |          |
|---------------------|----------|---|----------|
| ITEM                | PART #   | DESCRIPTION                             | QUANTITY |
| 5.                  | 52721800 | UNDERBODY TOOLBOX - PROPANE, RIGHT REAR | 1        |
| 35.                 | 72062103 | NUT .38-16 HEX NYLOCK                   | 4        |
| 36.                 | 72063003 | WASHER .38 FLAT                         | 8        |
| 37.                 | 72062080 | NUT .50-13 HEX NYLOCK                   | 2        |
| 38.                 | 72063205 | WASHER-FLAT .50                         | 4        |

| 99904756 PARTS LIST |          |   |          |
|---------------------|----------|---|----------|
| ITEM                | PART #   | DESCRIPTION                                     | QUANTITY |
| 39.                 | 60030265 | STOP-SIDE RAIL                                  | 2        |
| 40.                 | 72060047 | CAP SCREW .38-16 X 1.25 HHGR5Z                  | 4        |
| 41.                 | 72060094 | CAP SCREW .50-13 X 1.75 HHGR5Z                  | 1        |
| 43.                 | 72066369 | LATCH-END GATE RIGHT HAND                       | 1        |
| 44.                 | 72661357 | HINGE-BUTT                                      | 5        |
| 45.                 | 52722897 | RACK-WELDMENT 12' ALUMINUM SECTION              | 1        |
| 47.                 | 72060100 | CAP SCREW .50-13 X 4.5 HHGR5Z                   | 1        |
| 48.                 | 72601741 | SCREW-MACHINERY .31-18 X 1.50 SOCKET BUTTONHEAD | 10       |
| 49.                 | 72063002 | WASHER .31 FLAT                                 | 10       |
| 50.                 | 72062109 | NUT .31-18 HEX NYLOCK                           | 10       |
| 56.                 | 60396773 | RUBBER FENDER                                   | 2        |
| 57.                 | 72661599 | LATCH ASSEMBLY-3PT COMPRESSION                  | 5        |
| 58.                 | 70734523 | LOADGATE  | 1        |
| NEW 20110110        |          |   |          |

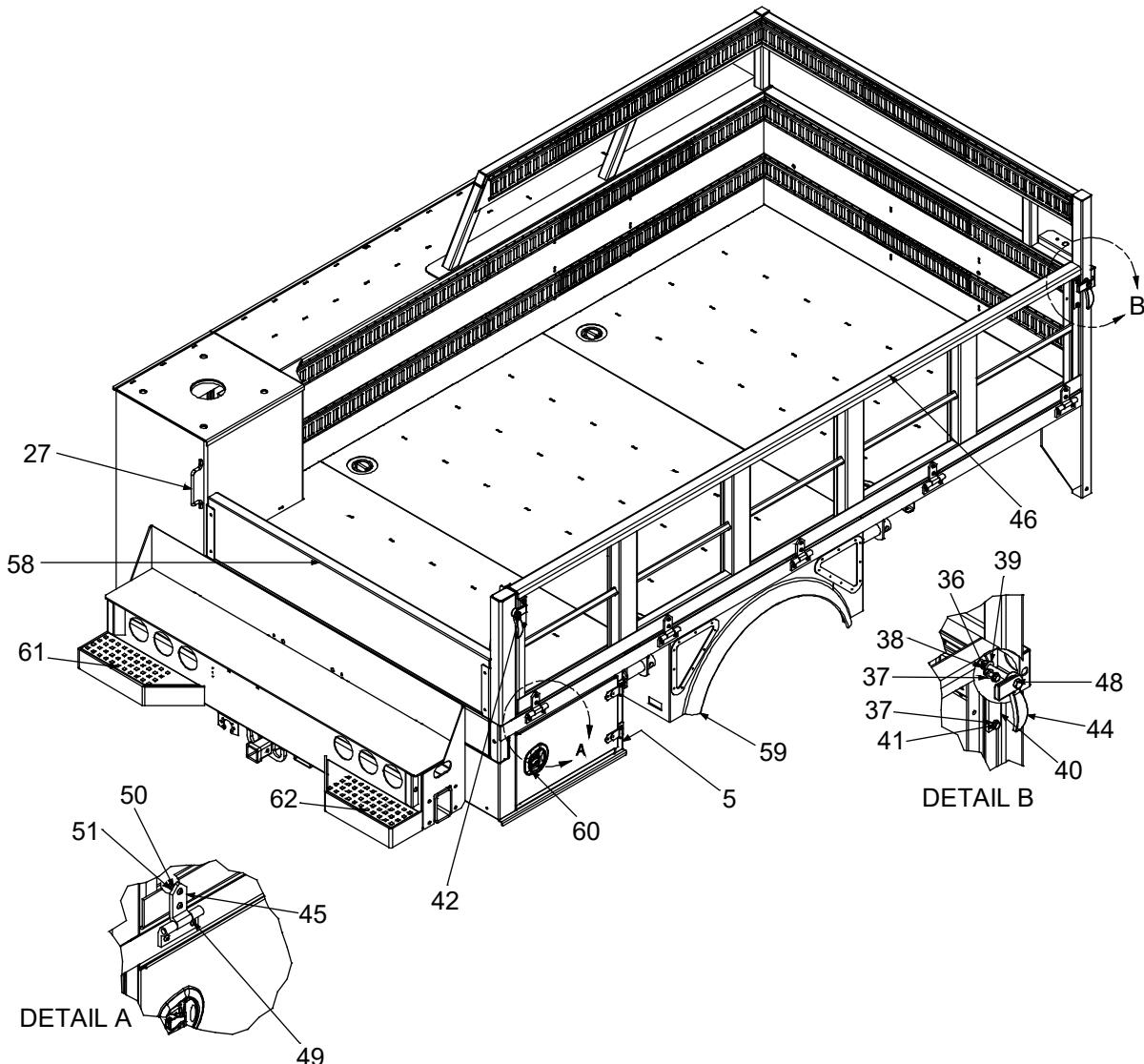
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## Propane Body Assembly, LH 16" Deep with Loadgate, Lift-out Rack (99904774)


**99904774 PARTS LIST**

| ITEM         | PART #   | DESCRIPTION                                 | QUANTITY |
|--------------|----------|---|----------|
| 5.           | 52721800 | UNDERBODY TOOLBOX- PROPANE RR               | 1        |
| 40.          | 52722541 | RACK-ALUMINUM RIGHT HAND FRONT PROPANE BODY | 1        |
| 41.          | 52722542 | RACK-ALUMINUM RIGHT HAND REAR PROPANE BODY  | 1        |
| 43.          | 71733327 | PIN-QUICK RELEASE .50D/5.0 CRIT RNG         | 1        |
| 44.          | 71732054 | PIN-QUICK RELEASE .50D/2.5 CRIT RNG         | 1        |
| 45.          | 70734523 | LOADGATE                                    | 1        |
| 46.          | 72661599 | LATCH ASSEMBLY-3PT COMPRESSION              | 5        |
| 47.          | 60396773 | RUBBER FENDER                               | 2        |
| NEW 20110110 |          |   |          |

## Propane Body Assembly, LH 16" Deep with Step, Fold-Down Rack (99904775)



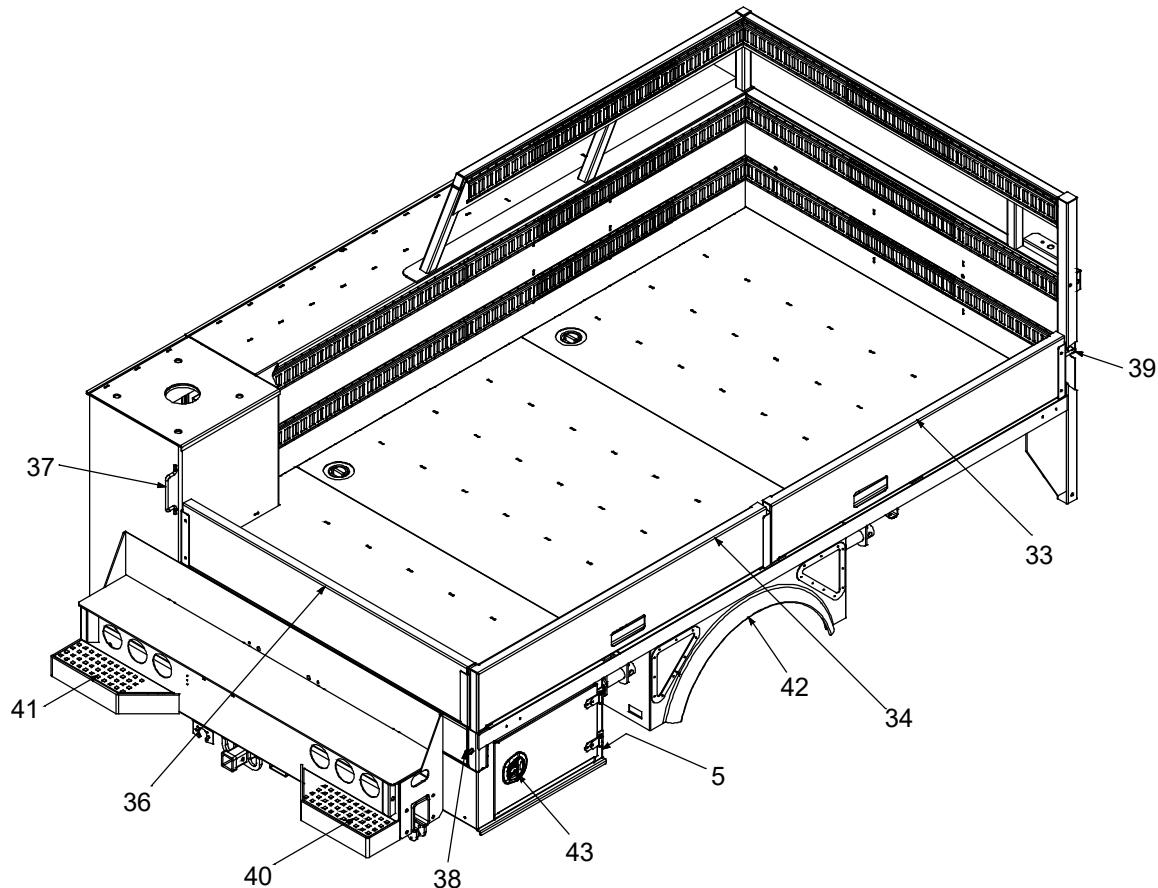
APPLY BLUE THREAD-LOCK  
TO RUB RAIL FASTENERS.

### 99904775 PARTS LIST

| ITEM | PART #   | DESCRIPTION                   | QUANTITY |
|------|----------|-------------------------------|----------|
| 5.   | 52721800 | UNDERBODY TOOLBOX, RIGHT REAR | 1        |
| 27.  | 72661467 | HANDLE-BOLT-ON                | 1        |
| 36.  | 72062103 | NUT .38-16 HEX NYLOCK         | 4        |
| 37.  | 72063003 | WASHER .38 FLAT               | 8        |
| 38.  | 72062080 | NUT .50-13 HEX NYLOCK         | 2        |

| 99904775 PARTS LIST |          |  |          |
|---------------------|----------|--|----------|
| ITEM                | PART #   | DESCRIPTION                                    | QUANTITY |
| 39.                 | 72063205 | WASHER-FLAT .50                                | 4        |
| 40.                 | 60030265 | STOP-SIDE RAIL                                 | 2        |
| 41.                 | 72060047 | CAP SCREW .38-16 X 1.25 HHGR5Z                 | 4        |
| 42.                 | 72060094 | CAP SCREW .50-13 X 1.75 HHGR5Z                 | 1        |
| 44.                 | 72066369 | LATCH-END GATE RIGHT HAND                      | 1        |
| 45.                 | 72661357 | HINGE-BUTT                                     | 5        |
| 46.                 | 52722897 | RACK-WELDMENT 12' ALUMINUM SECTION             | 1        |
| 48..                | 72060100 | CAP SCREW .50-13 X 4.5 HHGR5Z                  | 1        |
| 49.                 | 72601741 | SCREW-MACHINERY .31-18 X 1.5 SOCKET BUTTONHEAD | 10       |
| 50.                 | 72063002 | WASHER .31 FLAT                                | 10       |
| 51.                 | 72062109 | NUT .31-18 HEX NYLOCK                          | 10       |
| 58.                 | 52722108 | RACK-ALUMINUM REAR PROPANE                     | 1        |
| 59.                 | 60396773 | RUBBER FENDER                                  | 2        |
| 60.                 | 72661599 | LATCH ASSEMBLY-3PT COMPRESSION                 | 5        |
| 61.                 | 60126311 | STEP GRIP STRUT, LEFT HAND                     | 1        |
| 62.                 | 60126312 | STEP GRIP STRUT, RIGHT HAND                    | 1        |
| NEW 20110110        |          |  |          |

## Propane Body Assembly, LH 16" Deep with Step, Lift-out Rack (99904776)



**99904776 PARTS LIST**

| ITEM         | PART #   | DESCRIPTION                             | QUANTITY |
|--------------|----------|---|----------|
| 5.           | 52721800 | UNDERBODY TOOLBOX, PROPANE RR           | 1        |
| 33.          | 52722541 | RACK-ALUM RIGHT HAND FRONT PROPANE BODY | 1        |
| 34.          | 52722542 | RACK-ALUM RIGHT HAND REAR PROPANE BODY  | 1        |
| 36.          | 52722108 | RACK-ALUMINUM REAR PROPANE              | 1        |
| 37.          | 72661647 | HANDLE-BODY BOLT-ON                     | 1        |
| 38.          | 71732054 | PIN-QUICK RELEASE .50D/2.5CRIT RNG      | 1        |
| 39.          | 71733327 | PIN-QUICK RELEASE .50D/5.0CRIT RNG      | 1        |
| 40.          | 60126312 | STEP GRIP STRUT, RIGHT HAND             | 1        |
| 41.          | 60126311 | STEP GRIP STRUT, LEFT HAND              | 1        |
| 42.          | 60396773 | RUBBER FENDER                           | 2        |
| 43.          | 72661599 | LATCH ASSEMBLY, 3PT COMPRESSION         | 5        |
| NEW 20110110 |          |   |          |

## Propane Body Components (Effective 02/01/16)

| <b>BODY DESCRIPTION - DOMINATOR I PROPANE BODY-11' LEFT STANDARD<br/>(51722463)</b> |  |    |
|---|--|----|
| <b>Component Part #</b>   | <b>Component Description</b>             |    |
| 99903654  | DRAWING- DOMINATOR BASE BODY ASSEMBLY    | 1  |
| 99903767  | DRAWING- DOOR ASSEMBLY                   | 1  |
| 60129032  | ROD-DOOR 19.12 LG                        | 6  |
| 60127447  | ROD-DOOR 10.38 LG W/.75" OFFSET          | 2  |
| 70034366  | PLUG-PLSTC BUTTON BP-1-1/8               | 5  |
| 72661599  | LATCH ASM-3PT COMPRESSION                | 6  |
| 70393684  | WEATHERSTRIP-108ft ROLL .62X.50          | 1  |
| 89393638  | WEATHERSTRIP- .75X.38 TRIM-LOC X119 BT   | 4  |
| 89396626  | EDGING-PLASTIC BLK                       | 28 |
| 60396773  | FENDER RUBBER                            | 2  |
| 72060833  | SCR-THRD.CUT .31-18X.75 HWH-1 (for step) | 8  |
| 51716326  | KIT-HRDW DOM CRANE DRIP TRAY             | 1  |
| 60126312  | STEP GRIP STRUT RH (BLACK)               | 1  |
| 60126311  | STEP GRIP STRUT LH (BLACK)               | 1  |
| 70396637  | DECAL KIT-OUTSIDE                        | 1  |
| 72661467  | HANDLE-BODY BOLT ON 7.0X2.5BLK           | 1  |
| 60116698  | DRIP TRAY-CRANE COMPT DOM                | 1  |
| 60350056  | TREAD-SHUR STEP 12"X 21 in.              | 2  |
| 51716366  | KIT-HRDW DOM RIVET/GRAB HANDLE           | 1  |
| 51719004  | ELEC KIT-DOM2 (II) BASE KIT (CHASSIS)    | 1  |
| 51719742  | ELEC KIT-DOM2 (II) BASE KIT (BODY)       | 1  |
| 77441610  | HARNESS-DOM 1-2 S3 POWER PANEL LED       | 2  |

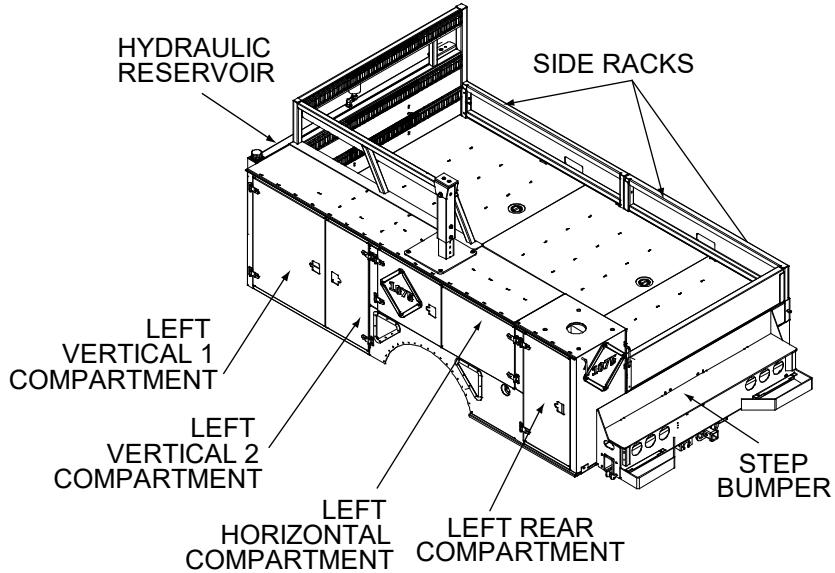
## Propane Body Components (Effective to 01/29/16)

| <b>BODY DESCRIPTION - DOMINATOR I PROPANE BODY-11' LEFT STANDARD (51722463)</b> |  |    |
|---|--|----|
| <b>Component Part #</b>   | <b>Component Description</b>             |    |
| 99903654  | DRAWING- DOMINATOR BASE BODY ASSEMBLY    | 1  |
| 99903767  | DRAWING- DOOR ASSEMBLY                   | 1  |
| 60129032  | ROD-DOOR 19.12 LG                        | 6  |
| 60127447  | ROD-DOOR 10.38 LG W/.75" OFFSET          | 2  |
| 70034366  | PLUG-PLSTC BUTTON BP-1-1/8               | 5  |
| 72661599  | LATCH ASM-3PT COMPRESSION                | 6  |
| 70393684  | WEATHERSTRIP-108ft ROLL .62X.50          | 1  |
| 89393638  | WEATHERSTRIP- .75X.38 TRIM-LOC X119 BT   | 4  |
| 89396626  | EDGING-PLASTIC BLK                       | 28 |
| 60396773  | FENDER RUBBER                            | 2  |
| 72060833  | SCR-THRD.CUT .31-18X.75 HWH-1 (for step) | 8  |
| 51716326  | KIT-HRDW DOM CRANE DRIP TRAY             | 1  |
| 60126312  | STEP GRIP STRUT RH (BLACK)               | 1  |
| 60126311  | STEP GRIP STRUT LH (BLACK)               | 1  |
| 70396637  | DECAL KIT-OUTSIDE                        | 1  |
| 72661467  | HANDLE-BODY BOLT ON 7.0X2.5BLK           | 1  |
| 60116698  | DRIP TRAY-CRANE COMPT DOM                | 1  |
| 60350056  | TREAD-SHUR STEP 12"X 21 in.              | 2  |
| 51716366  | KIT-HRDW DOM RIVET/GRAB HANDLE           | 1  |
| 51719004  | ELEC KIT-DOM2 (II) BASE KIT (CHASSIS)    | 1  |
| 51719742  | ELEC KIT-DOM2 (II) BASE KIT (BODY)       | 1  |
| 77441126  | HARNESS-DOM (II) 11' FRT JUMPER          | 2  |

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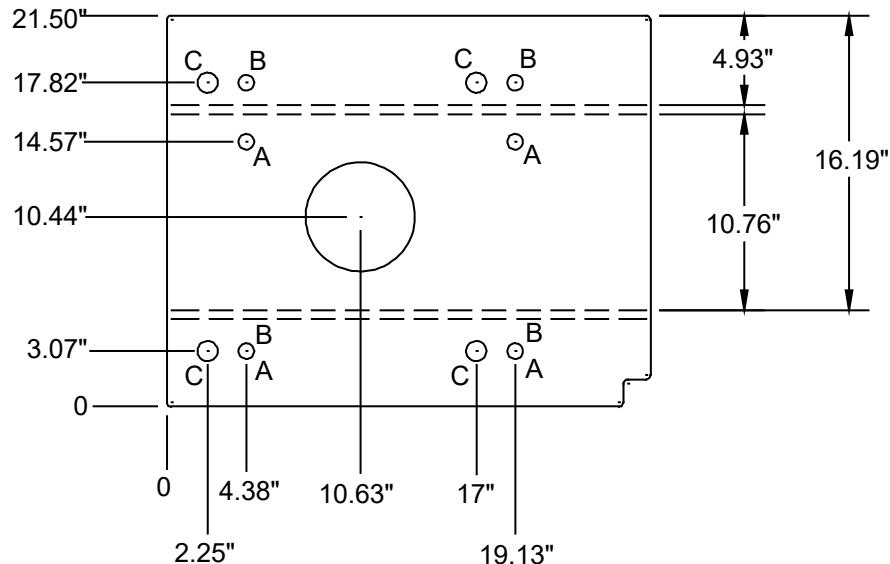
## Door Assembly (99903767)

### Propane Body Compartments:



| ITEM | LOCATION                                  | 44" DOM DOOR PART NUMBERS |
|------|---|---------------------------|
| 1.   | LEFT VERTICAL 1 COMPARTMENT               | 71414302                  |
| 2.   | LEFT VERTICAL 2 COMPARTMENT               | 71414303                  |
| 4.   | LEFT HORIZONTAL COMPARTMENT WITH LATCH    | 71415369                  |
| 5.   | LEFT HORIZONTAL COMPARTMENT WITHOUT LATCH | 71415372                  |
| 6.   | LEFT REAR                                 | 71414304                  |

## Dominator I Crane Installation Hole Pattern (99903339)

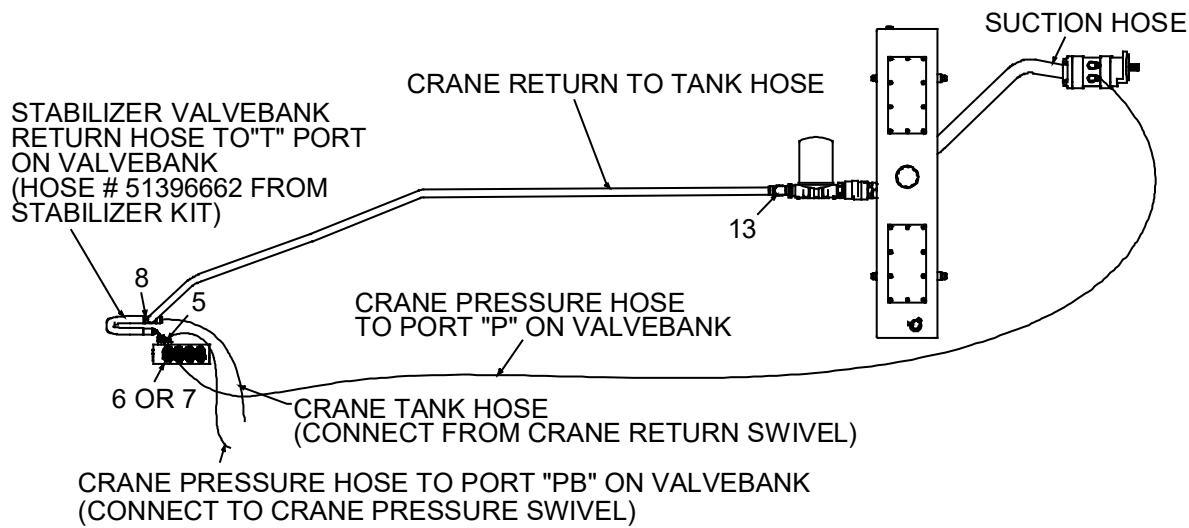


HOLE INDEX PER CRANE MODEL:

|   |  |
|---|--|
| A | 1015   |
|   | WS100  |
|   | 3203i  |
|   | 4004i (Models with serial number beginning with 4004i08...)                                  |
| B | 2002i (Adapter plate 51721678 required at installation.)                                     |
|   | 2020   |
|   | 4004i (Models with 6-digit serial number - Adapter plate 51721678 required at installation.) |
| C | 2820   |
|   | 3020   |
|   | 3820   |
|   | 5005i  |
|   | 6006i  |

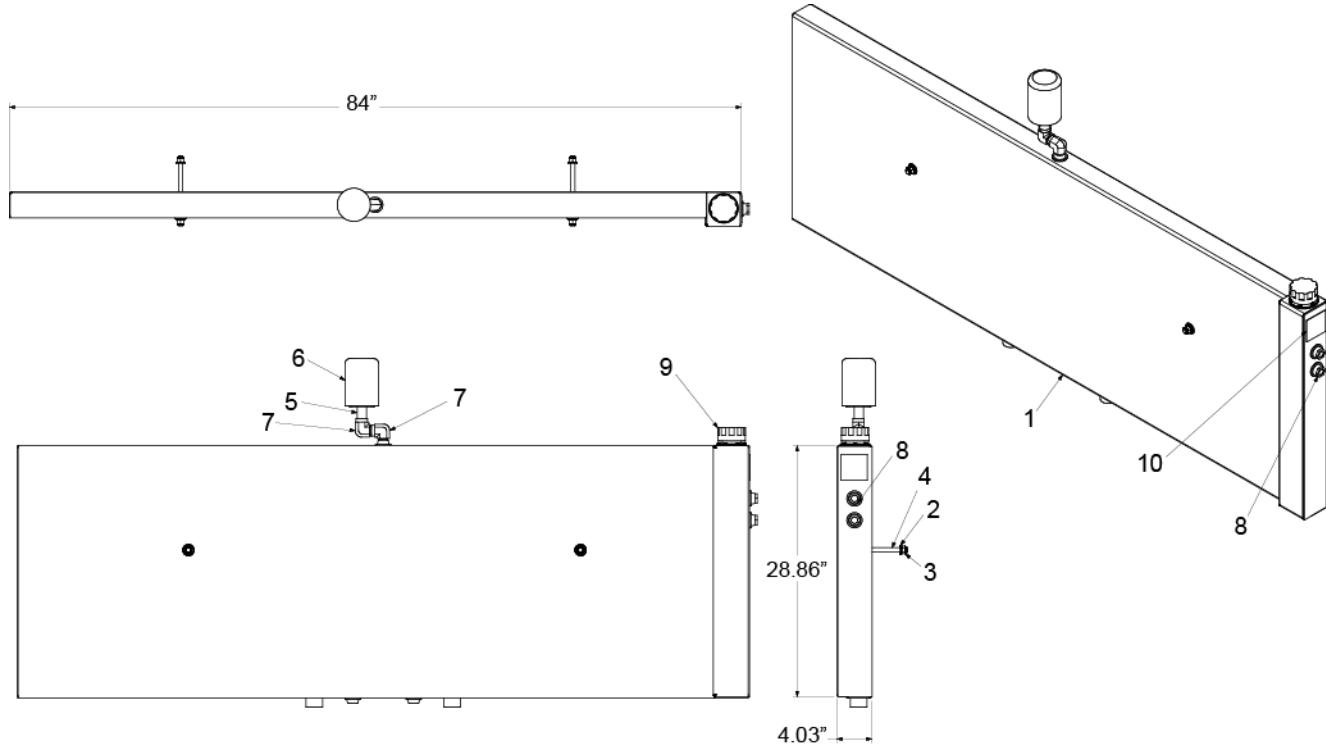
REV. H 20090609

## Propane Hydraulic Installation



| <b>PARTS LIST</b>                        |          |   |          |
|--|----------|---|----------|
| ITEM                                     | PART #   | DESCRIPTION   | QUANTITY |
| 5.                                       | 72532358 | ADPTR-M STR/M JIC 8 8                                   | 3        |
| 6.                                       | 73734229 | VALVE BANK, 3-SECTION (HYD OUT/HYD DOWN) (WAS 73733953) | 1        |
| 7.                                       | 73734228 | VALVE BANK, 2-SECTION (MAN OUT/HYD DOWN) (WAS 73733958) | 1        |
| 8.                                       | 72532695 | TEE-MALE JIC 1.06-12 .75 TUBE                           | 1        |
| 13.                                      | 72532971 | ELBOW-M JIC/90/F JIC SW 16 16                           | 1        |
| REFERENCE DRAWING 99903766 REV. 20111205 |          |   |          |

## Hydraulic Reservoir (99904654)

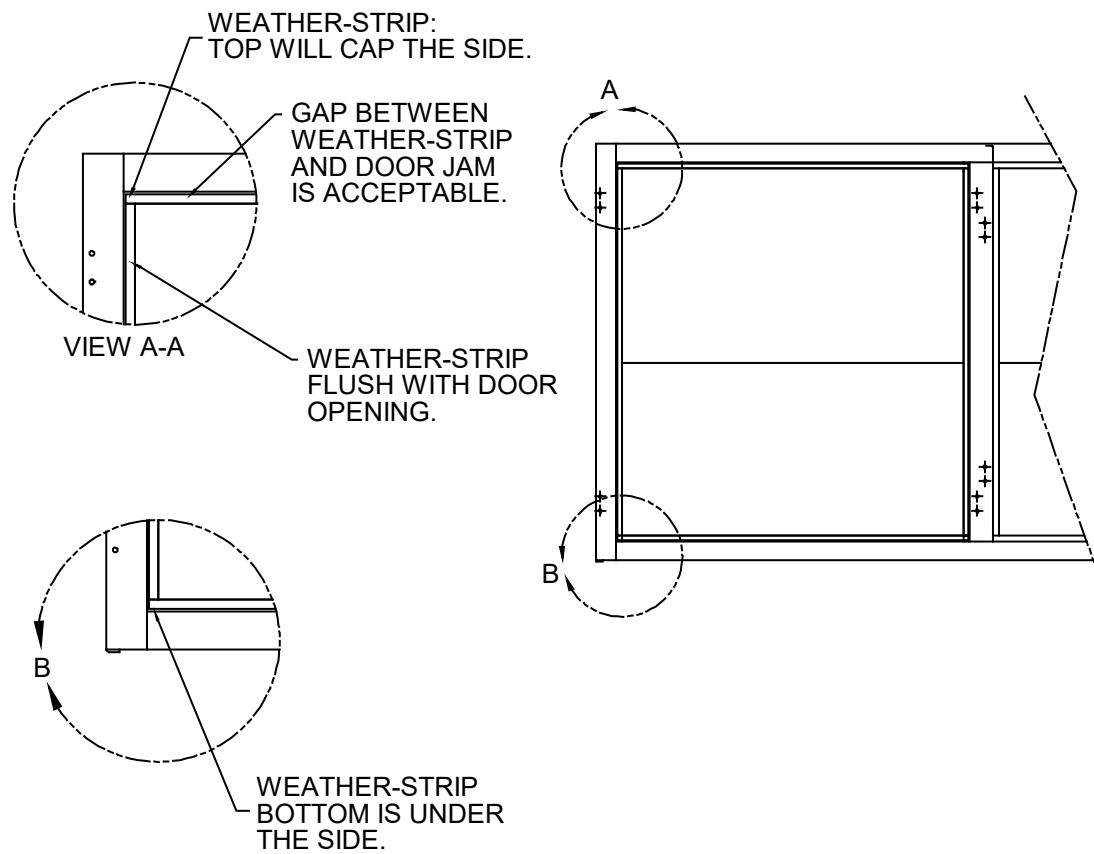


### 99904654 PARTS LIST

| ITEM | PART #   | DESCRIPTION                                 | QUANTITY |
|------|----------|---|----------|
| 1.   | 52721806 | HYDRAULIC RESERVOIR-WELDMENT 23 GAL PROPANE | 1        |
| 2.   | 72063005 | WASHER .50 FLAT                             | 4        |
| 3.   | 72062080 | NUT .50-13 HEX NYLOCK                       | 4        |
| 4.   | 60108225 | ROD-THREADED .50-13 X 8.00                  | 2        |
| 5.   | 72533514 | ADPTR-BREATHER FILTER OIL TANK              | 1        |
| 6.   | 73054974 | FILTER-BREATHER OIL RESERVOIR               | 1        |
| 7.   | 72053556 | ELBOW-STREET STL .75 X 90 DEG               | 2        |
| 8.   | 72532681 | SIGHT GAUGE- .75 PLUG W/REFLECTOR           | 2        |
| 9.   | 71413587 | FILL-BREATHER BAYONET, NON-VENTED           | 1        |
| 10.  | 70399671 | DECAL-CPRSR SIGHT GLASS DUAL SIGHT          | 1        |

REV D 20140814

## Weather-Strip Installation (99904256)



## Installation, DEF Tank Hoses on 2011 Ford F550 (99904938)

70034515  
ELBOW-FPT/90/BARB .50 .50 POLY

70034514  
ELBOW-MPT/90/BARB .50 .38 POLY

TO FILL NECK INSIDE OF BODY



70034516  
ELBOW-BARB/90/BARB .75 .75

TO FUEL TANK OF CHASSIS

## Underhood Electrical Installation, 2011 F350-450-550 (99905200)

Underhood mounting location for 60137600-Electrical Relay Mounting Bracket for F350-450-550 chassis MY 2011 and beyond.

Use these fasteners on F350-450-550 chassis to mount the IMT underhood electrical bracket (IMT #60137600).



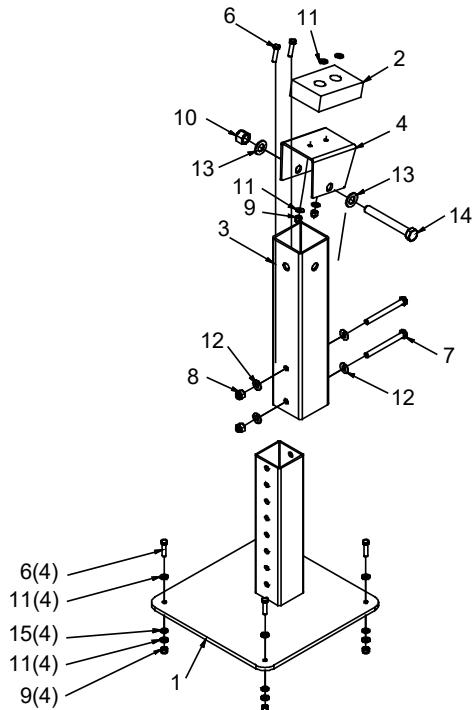
Side View



Top View

Mounted IMT underhood electrical bracket.

## Boom Support, Adjustable, 3820-5020-5525-6025 (51718848)



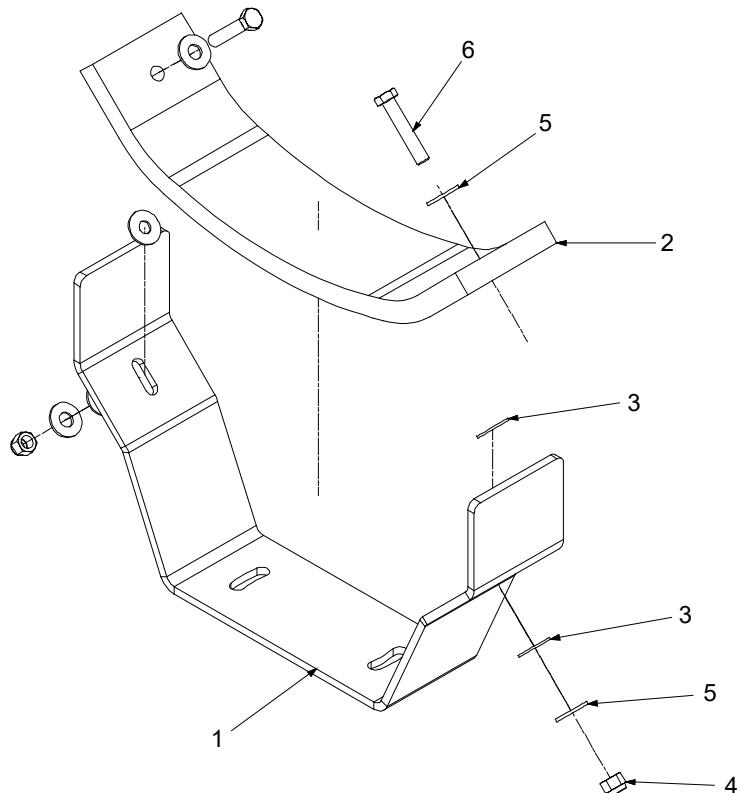
**NOTE:**

- 1 Hardware included in kit # 51718794.
- 2 Rotate and arrange pedestal #1 and saddle #10 based on chassis exhaust.

**51718848 PARTS LIST**

| ITEM           | PART #   | DESCRIPTION                                  | QUANTITY |
|----------------|----------|--|----------|
| 1.             | 52718849 | PEDESTAL-WLDMT ADJ                           | 1        |
| 2.             | 60030464 | WEAR PAD (WAS 60030306)                      | 1        |
| 3.             | 60126561 | TUBE-PEDESTAL                                | 1        |
| 4.             | 60126563 | SADDLE-BOOM SUPPORT DOM 3820 & UP            | 1        |
| 6.             | 72060048 | CAP SCR .38-16X 1.50 HH GR5 Z                | 6        |
| 7.             | 72060101 | CAP SCR .50-13X 5.00 HH GR5 Z                | 2        |
| 8.             | 72062080 | NUT .50-13 HEX NYLOCK                        | 2        |
| 9.             | 72062103 | NUT .38-16 HEX NYLOCK                        | 6        |
| 10.            | 72062114 | NUT .75-10 HEX NYLOCK                        | 1        |
| 11.            | 72063003 | WASHER .38 FLAT (WAS 8)                      | 12       |
| 12.            | 72063005 | WASHER .50 FLAT                              | 4        |
| 13.            | 72063008 | WASHER .75 FLAT                              | 2        |
| 14.            | 72601845 | CAP SCR .75-10X 6.00 HH GR5 Z (WAS 72601845) | 1        |
| 15.            | 76392821 | WASHER-BONDED PLTD .38                       | 4        |
| REV D 20120120 |          |  |          |

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



### NOTES:

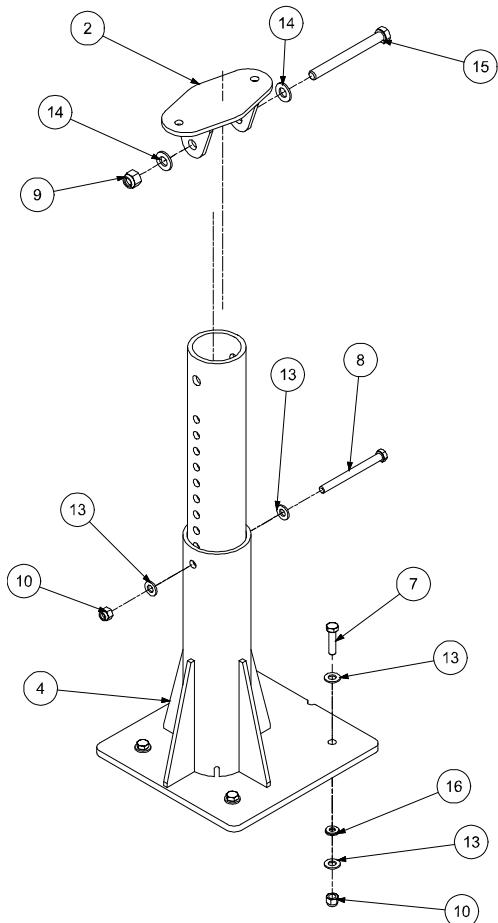
1. TIGHTEN NUTS UNTIL BOTTOM OUT ON BOLTS. GAP WILL BE PRESENT BETWEEN WASHERS AND SADDLE.
2. STRAP WILL MOVE FREELY IN SADDLE.
3. DO NOT REPLACE BOLT (PN 72602102) WITH ALTERNATE HARDWARE AS EQUIPMENT DAMAGE MAY OCCUR.

### 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

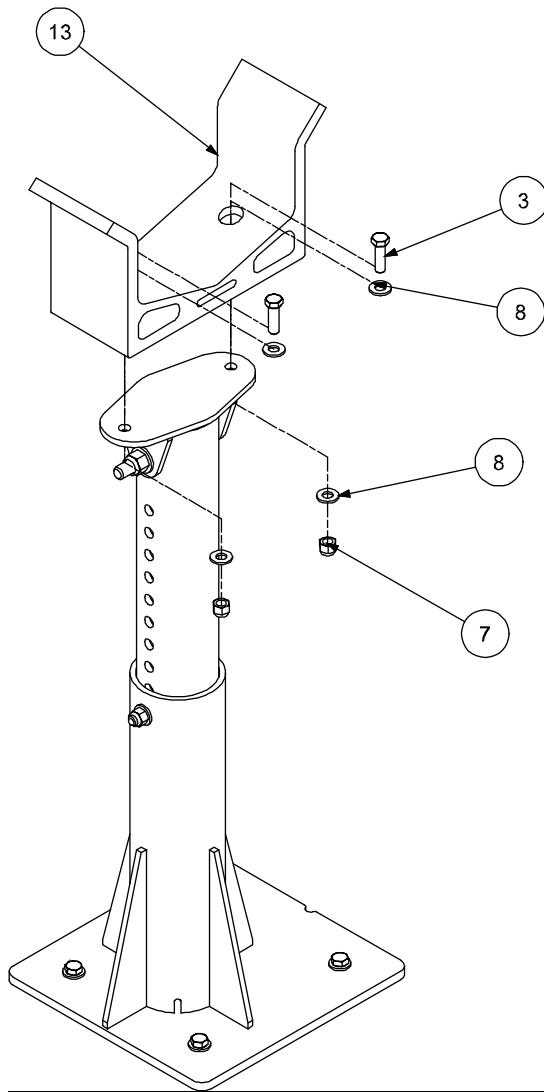
## Boom Support Assembly - NRW (51725494)



**51725494 Parts List**

| Item No. | Part No. | Description                            | Qty. |
|----------|----------|--|------|
| 1.       | 52727243 | WLDMT - BOOM SUPPORT SWIVEL SHORT      | 1    |
| 2.       | 52725919 | WLDMT - BOOM SUPPORT OTR PROPANE (NRW) | 1    |
| 3.       | 72060047 | CAP SCR .38-16X 1.25 HH GR5 Z          | 2    |
| 4.       | 72060048 | CAP SCR .38-16X 1.50 HH GR5 Z          | 4    |
| 5.       | 72060924 | CAP SCR .38-16X 4.25 HH GR5 Z          | 1    |
| 6.       | 72062080 | NUT .50-13 HEX NYLOCK                  | 1    |
| 7.       | 72062103 | NUT .38-16 HEX NYLOCK                  | 7    |
| 8.       | 72063003 | WASHER .38 FLAT                        | 14   |
| 9.       | 92063132 | WASHER .50 FLAT ASTM F436              | 2    |
| 10.      | 72601584 | CAP SCR .50-13X 5.00 HH GR8 Z          | 1    |
| 11.      | 76392821 | WASHER-BONDED .38 PLTD                 | 4    |
| 12.      | 60145214 | TUBE - BOOM SUPPORT INNER (SHORT)      | 1    |
| 13.      | 60399969 | SADDLE - BOOM SUPPORT 4.0" (URETHANE)  | 1    |

REV C 20200701

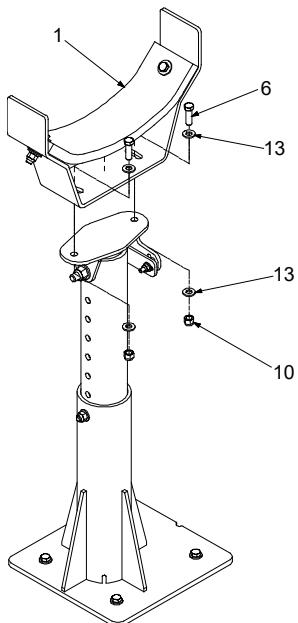


51725494 Parts List

| Item No. | Part No. | Description                            | Qty. |
|----------|----------|--|------|
| 1.       | 52727243 | WLDMT - BOOM SUPPORT SWIVEL SHORT      | 1    |
| 2.       | 52725919 | WLDMT - BOOM SUPPORT OTR PROPANE (NRW) | 1    |
| 3.       | 72060047 | CAP SCR .38-16X 1.25 HH GR5 Z          | 2    |
| 4.       | 72060048 | CAP SCR .38-16X 1.50 HH GR5 Z          | 4    |
| 5.       | 72060924 | CAP SCR .38-16X 4.25 HH GR5 Z          | 1    |
| 6.       | 72062080 | NUT .50-13 HEX NYLOCK                  | 1    |
| 7.       | 72062103 | NUT .38-16 HEX NYLOCK                  | 7    |
| 8.       | 72063003 | WASHER .38 FLAT                        | 14   |
| 9.       | 92063132 | WASHER .50 FLAT ASTM F436              | 2    |
| 10.      | 72601584 | CAP SCR .50-13X 5.00 HH GR8 Z          | 1    |
| 11.      | 76392821 | WASHER-BONDED .38 PLTD                 | 4    |
| 12.      | 60145214 | TUBE - BOOM SUPPORT INNER (SHORT)      | 1    |
| 13.      | 60399969 | SADDLE - BOOM SUPPORT 4.0" (URETHANE)  | 1    |

REV C 20200701

## Boom Support Assembly (51725494)



**NOTES:**

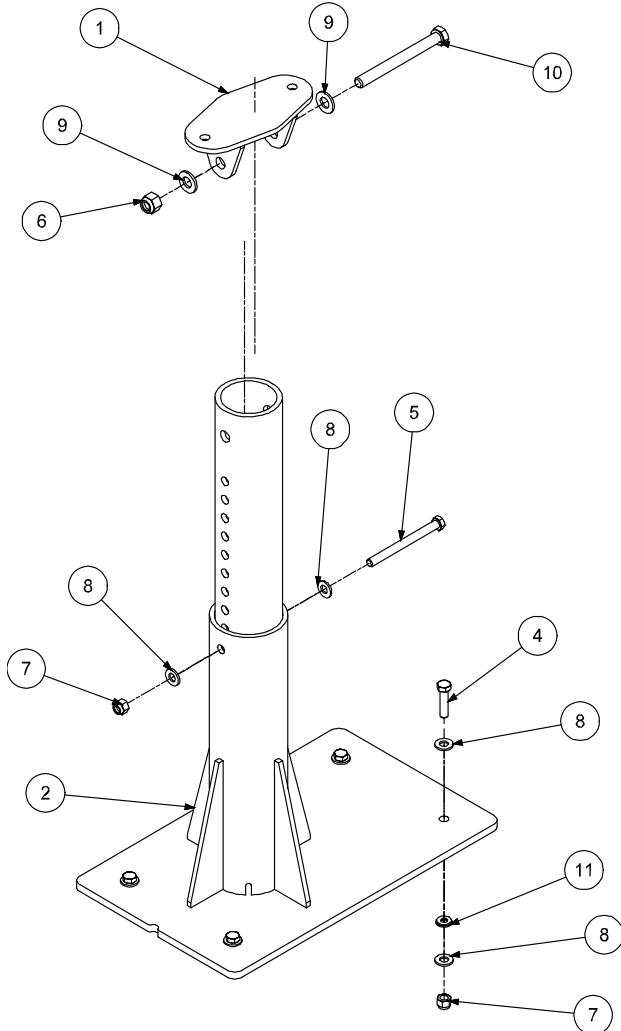
1. TIGHTEN NUTS UNTIL BOTTOM OUT ON BOLTS. GAP WILL BE PRESENT BETWEEN WASHERS AND SADDLE.
2. STRAP WILL MOVE FREELY IN SADDLE.
3. DO NOT REPLACE BOLT (PN 72602102) WITH ALTERNATE HARDWARE AS EQUIPMENT DAMAGE MAY OCCUR.

**51725494 PARTS LIST**

| ITEM | PART #   | DESCRIPTION  | KIT # | QTY |
|------|----------|--|-------|-----|
| 1.   | 51725455 | SADDLE - BOOM SUPPORT (NARROW)                         | 1     | 1   |
| 2.   | 52725451 | WLDMT - BOOM SUPPORT SWIVEL                            | 1     | 2   |
| 3.   | 52725452 | WLDMT - BOOM SUPPORT INNER TUBE (SHORT)                | 1     | 3   |
| 4.   | 52725492 | WLDMT - BOOM SUPPORT OTR PROPANE (NRW) (TO 12-30-14)   | 1     | 4   |
| 4.   | 52725919 | WLDMT - BOOM SUPPORT OTR PROPANE (NRW) (FROM 12-31-14) | 1     | 4   |
| 5.   | 72060005 | CAP SCR .25-20X 1.25 HH GR5 Z                          | 1     | 5   |
| 6.   | 72060047 | CAP SCR .38-16X 1.25 HH GR5 Z                          | 2     | 6   |
| 7.   | 72060048 | CAP SCR .38-16X 1.50 HH GR5 Z                          | 4     | 7   |
| 8.   | 72060924 | CAP SCR .38-16X 4.25 HH GR5 Z                          | 1     | 8   |
| 9.   | 72062080 | NUT .50-13 HEX NYLOCK                                  | 1     | 9   |
| 10.  | 72062103 | NUT .38-16 HEX NYLOCK                                  | 7     | 10  |
| 11.  | 72062104 | NUT .25-20 HEX NYLOCK                                  | 1     | 11  |
| 12.  | 72063001 | WASHER .25 FLAT  | 2     | 12  |
| 13.  | 72063003 | WASHER .38 FLAT  | 14    | 13  |
| 14.  | 72063132 | WASHER .50 FLAT ASTM F436                              | 2     | 14  |
| 15.  | 72601584 | CAP SCR .50-13X 5.00 HH GR8 Z                          | 1     | 15  |
| 16.  | 76392821 | WASHER-BONDED PLTD .38                                 | 4     | 16  |

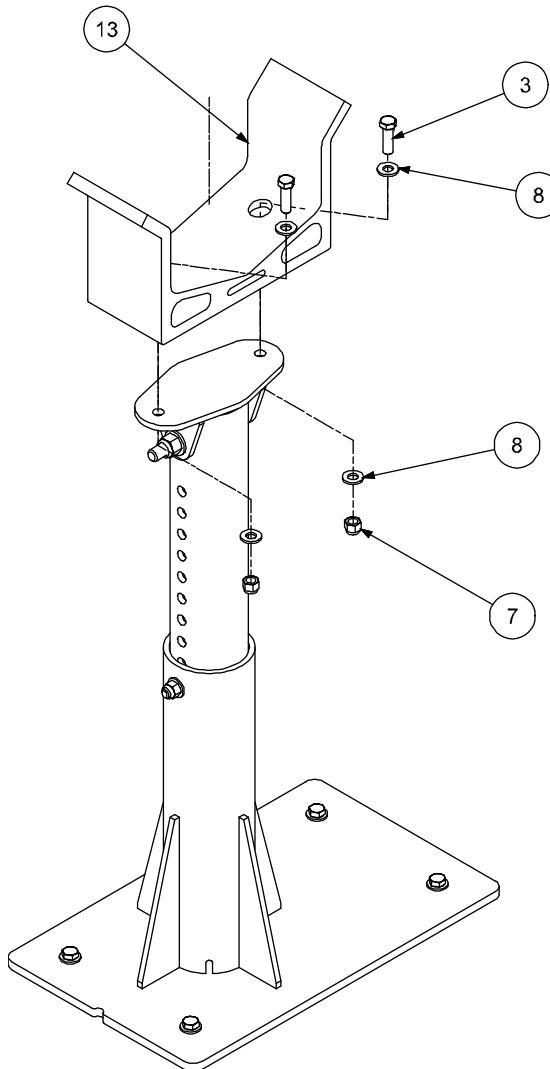
Rev B 20141119

## Boom Support Assembly (51725495)



| 51725495 PARTS LIST |          |  |      |
|---------------------|----------|--|------|
| Item No.            | Part No. | Description                            | Qty. |
| 1.                  | 52727243 | WLDMT - BOOM SUPPORT SWIVEL SHORT      | 1    |
| 2.                  | 52725920 | WLDMT - BOOM SUPPORT OTR PROPANE (STD) | 1    |
| 3.                  | 72060047 | CAP SCR .38-16X 1.25 HH GR5 Z          | 2    |
| 4.                  | 72060048 | CAP SCR .38-16X 1.50 HH GR5 Z          | 4    |
| 5.                  | 72060924 | CAP SCR .38-16X 4.25 HH GR5 Z          | 1    |
| 6.                  | 72062080 | NUT .50-13 HEX NYLOCK                  | 1    |
| 7.                  | 72062103 | NUT .38-16 HEX NYLOCK                  | 7    |
| 8.                  | 72063003 | WASHER .38 FLAT                        | 14   |
| 9.                  | 72063132 | WASHER .50 FLAT ASTM F436              | 2    |
| 10.                 | 72601584 | CAP SCR .50-13X 5.00 HH GR8 Z          | 1    |
| 11.                 | 76392821 | WASHER-BONDED .38 PLTD                 | 4    |
| 12.                 | 60145214 | TUBE - BOOM SUPPORT INNER (SHORT)      | 1    |
| 13.                 | 60399969 | SADDLE - BOOM SUPPORT 4.0" (URETHANE)  | 1    |

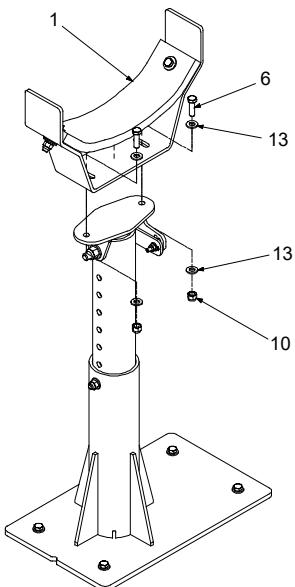
REV C. 20200701

**51725495-1 PARTS LIST**

| <b>Item No.</b> | <b>Part No.</b> | <b>Description</b>                     | <b>Qty.</b> |
|-----------------|-----------------|--|-------------|
| 1.              | 52727243        | WLDMT - BOOM SUPPORT SWIVEL SHORT      | 1           |
| 2.              | 52725920        | WLDMT - BOOM SUPPORT OTR PROPANE (STD) | 1           |
| 3.              | 72060047        | CAP SCR .38-16X 1.25 HH GR5 Z          | 2           |
| 4.              | 72060048        | CAP SCR .38-16X 1.50 HH GR5 Z          | 4           |
| 5.              | 72060924        | CAP SCR .38-16X 4.25 HH GR5 Z          | 1           |
| 6.              | 72062080        | NUT .50-13 HEX NYLOCK                  | 1           |
| 7.              | 72062103        | NUT .38-16 HEX NYLOCK                  | 7           |
| 8.              | 72063003        | WASHER .38 FLAT                        | 14          |
| 9.              | 72063132        | WASHER .50 FLAT ASTM F436              | 2           |
| 10.             | 72601584        | CAP SCR .50-13X 5.00 HH GR8 Z          | 1           |
| 11.             | 76392821        | WASHER-BONDED .38 PLTD                 | 4           |
| 12.             | 60145214        | TUBE - BOOM SUPPORT INNER (SHORT)      | 1           |
| 13.             | 60399969        | SADDLE - BOOM SUPPORT 4.0" (URETHANE)  | 1           |

REV C. 20200701

## Boom Support Assembly (51725495)



**NOTES:**

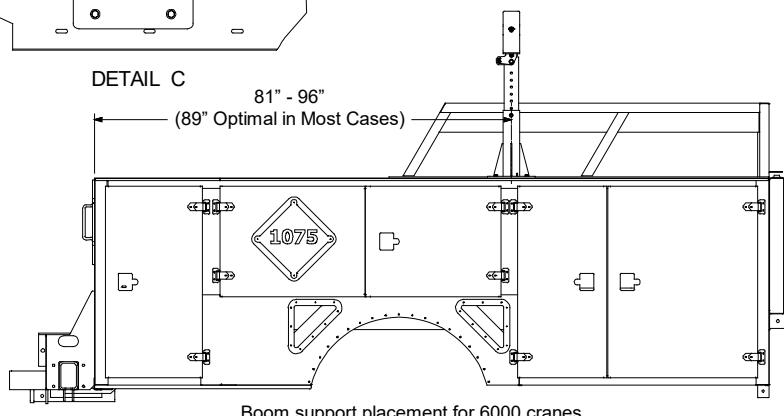
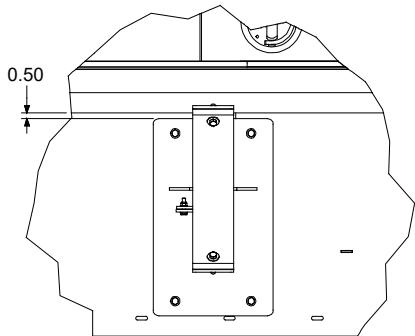
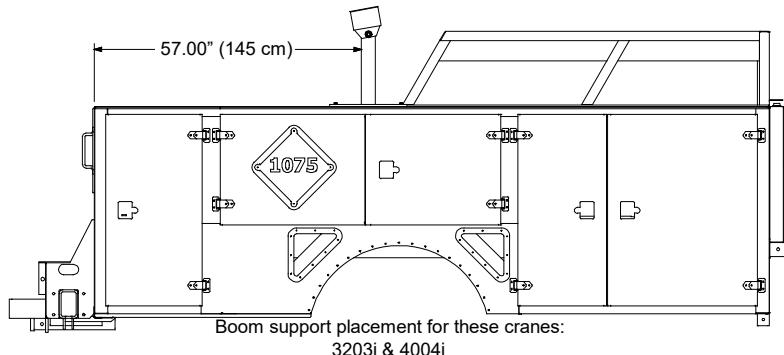
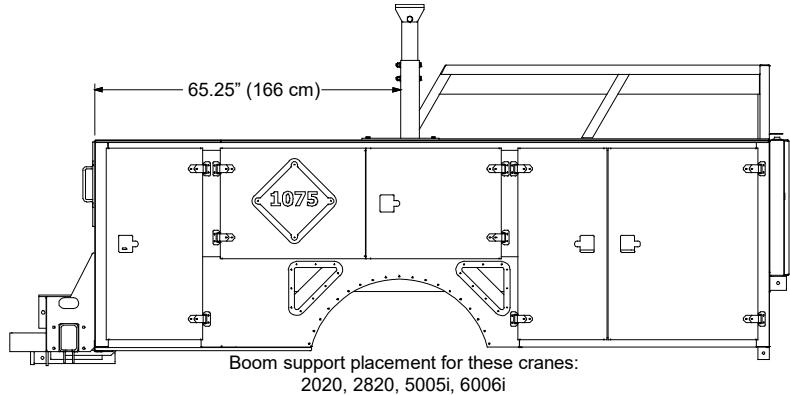
1. TIGHTEN NUTS UNTIL BOTTOM OUT ON BOLTS. GAP WILL BE PRESENT BETWEEN WASHERS AND SADDLE.
2. STRAP WILL MOVE FREELY IN SADDLE.
3. DO NOT REPLACE BOLT (PN 72602102) WITH ALTERNATE HARDWARE AS EQUIPMENT DAMAGE MAY OCCUR.

**51725495 PARTS LIST**

| ITEM | PART #   | DESCRIPTION  | KIT # | QTY |
|------|----------|--|-------|-----|
| 1    | 51725455 | SADDLE - BOOM SUPPORT (NARROW)                         | 1     | 1   |
| 2    | 52725451 | WLDMT - BOOM SUPPORT SWIVEL                            | 1     | 2   |
| 3    | 52725452 | WLDMT - BOOM SUPPORT INNER TUBE (SHORT)                | 1     | 3   |
| 4    | 52725493 | WLDMT - BOOM SUPPORT OTR PROPANE (STD) (TO 12-30-14)   | 1     | 4   |
| 4    | 52725920 | WLDMT - BOOM SUPPORT OTR PROPANE (STD) (FROM 12-31-14) | 1     | 4   |
| 5    | 72060005 | CAP SCR .25-20X 1.25 HH GR5 Z                          | 1     | 5   |
| 6    | 72060047 | CAP SCR .38-16X 1.25 HH GR5 Z                          | 2     | 6   |
| 7    | 72060048 | CAP SCR .38-16X 1.50 HH GR5 Z                          | 4     | 7   |
| 8    | 72060924 | CAP SCR .38-16X 4.25 HH GR5 Z                          | 1     | 8   |
| 9    | 72062080 | NUT .50-13 HEX NYLOCK                                  | 1     | 9   |
| 10   | 72062103 | NUT .38-16 HEX NYLOCK                                  | 7     | 10  |
| 11   | 72062104 | NUT .25-20 HEX NYLOCK                                  | 1     | 11  |
| 12   | 72063001 | WASHER .25 FLAT  | 2     | 12  |
| 13   | 72063003 | WASHER .38 FLAT  | 14    | 13  |
| 14   | 72063132 | WASHER .50 FLAT ASTM F436                              | 2     | 14  |
| 15   | 72601584 | CAP SCR .50-13X 5.00 HH GR8 Z                          | 1     | 15  |
| 16   | 76392821 | WASHER-BONDED PLTD .38                                 | 4     | 16  |

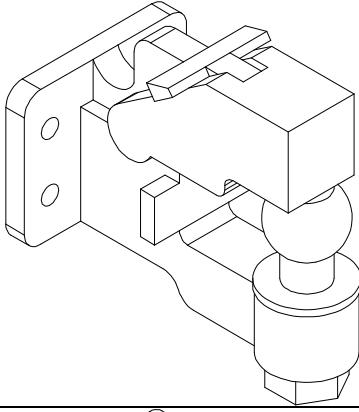
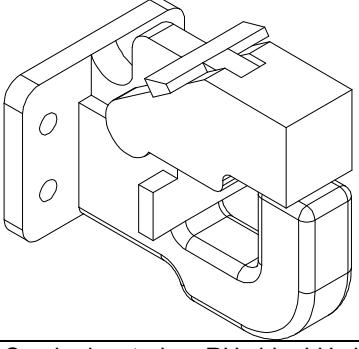
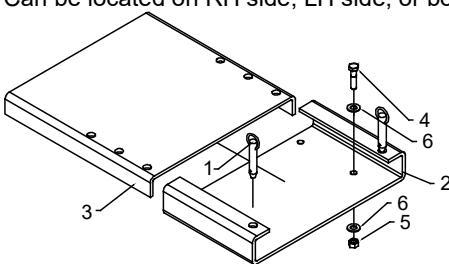
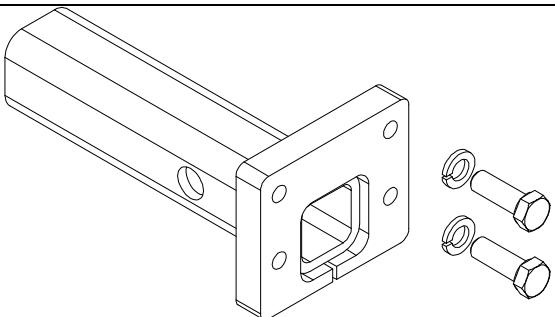
Rev B 20141119

## Boom Support Placement (99905649)



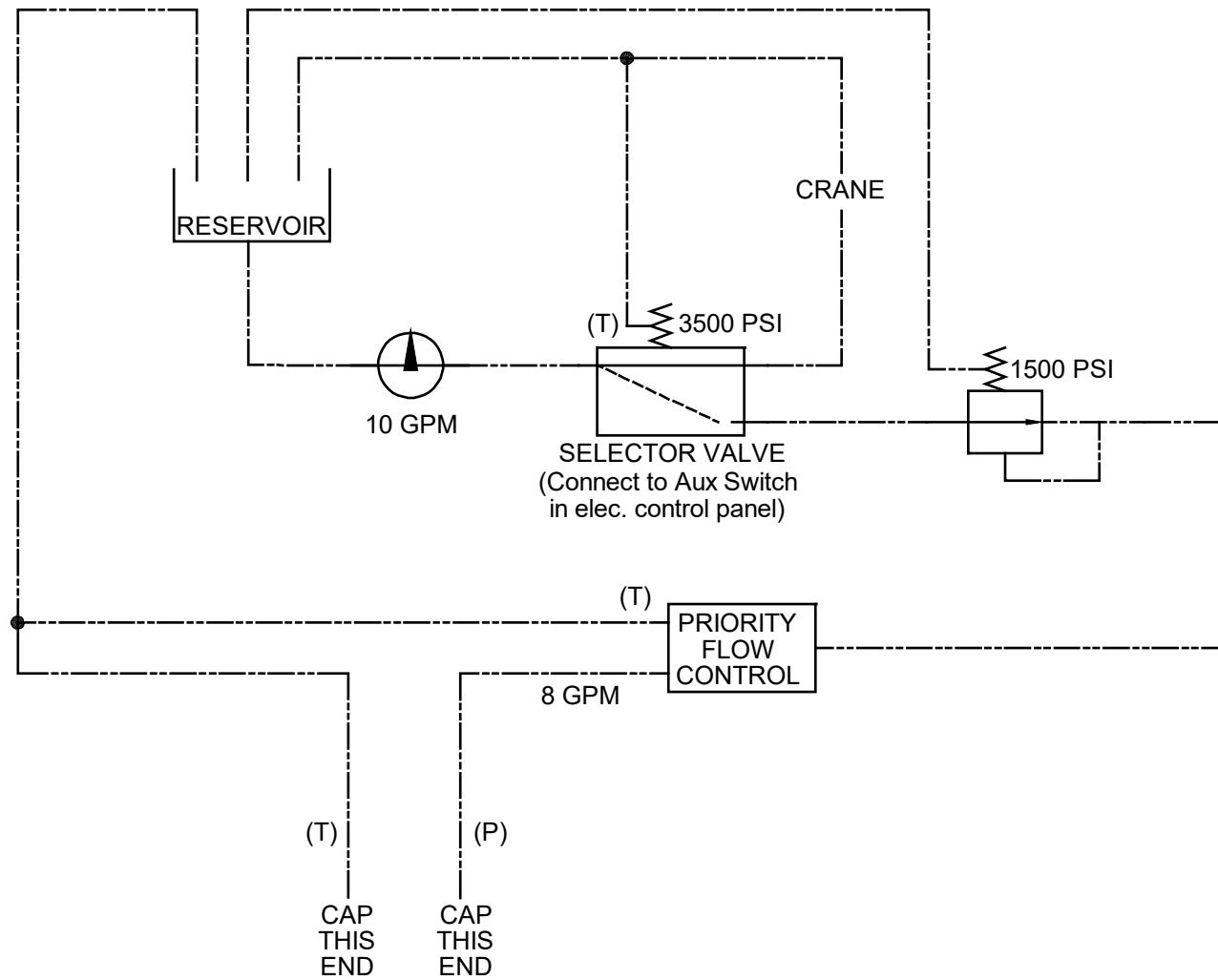
Boom support placement for 6000 cranes

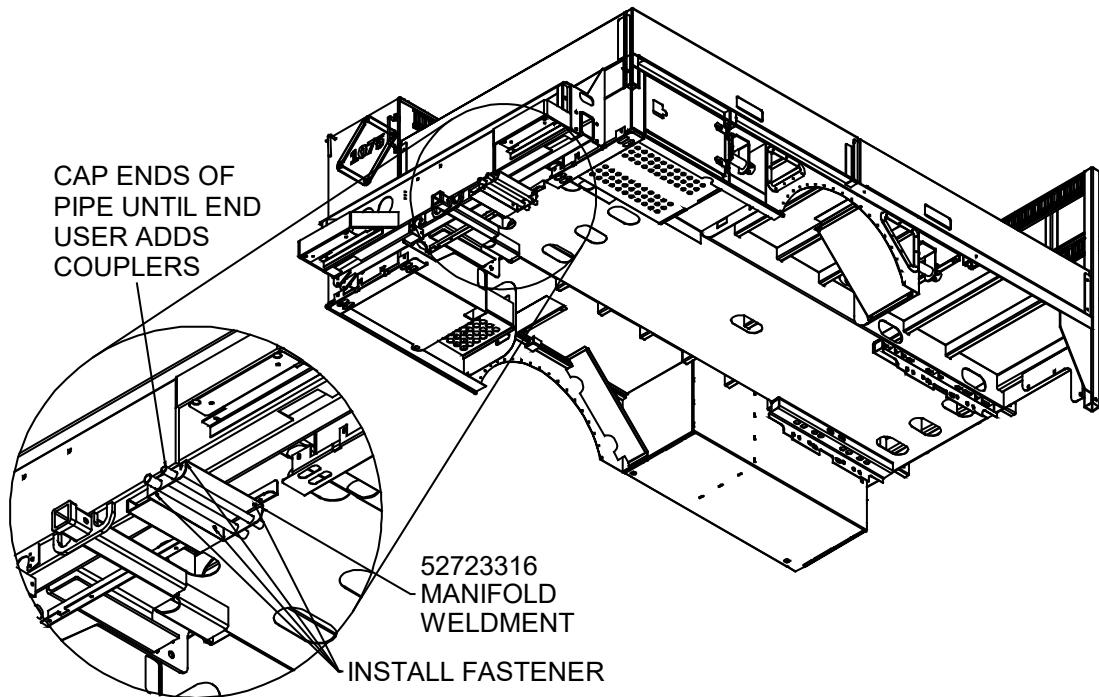
## Bumper Hitch & Workbench Options

| Dominator I/DSC20 Bumper Hitch & Workbench Options |  |   |
|--|--|---|
| PART NUMBER  | DESCRIPTION  | NOTES   |
| 51709516   | Pintle ball combination with 2" removable ball for hitch receiver mounting |   |
| 51709517   | Hitch for hitch receiver mounting  |    |
| 51710172   | Vise mounting bracket  | <p>Can be located on RH side, LH side, or both with quantity of 2</p>  <p>Note: See drawing 99903161 for installation instructions.</p> |
| 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  |
| 51720004   | Pintle hitch mount   |   |

## Installation, Tool Circuit, Propane Evacuation Pump (99905290)

Reference Tool Circuit Kit # 51724305







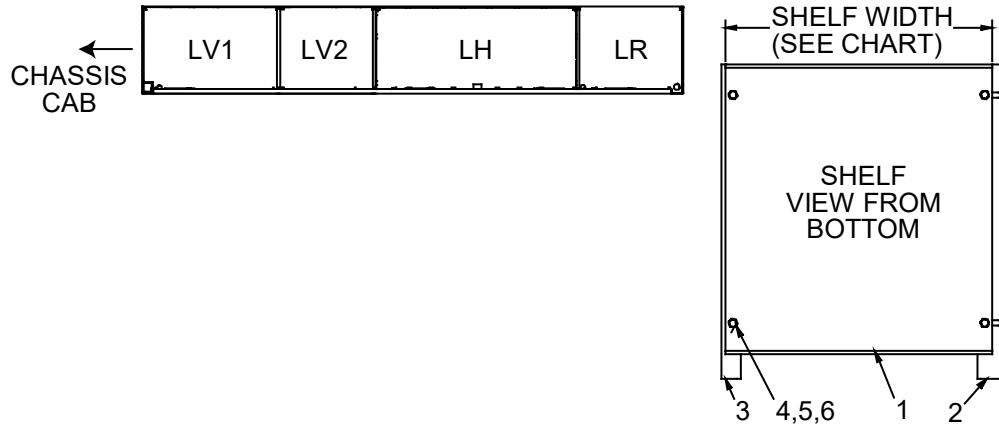
## CHAPTER 4

# Compartment Options

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## Propane Sidepack Shelf Parts (99903658)



| COMPARTMENT KEY |                 |
|-----------------|-----------------|
| LV1             | LEFT VERTICAL 1 |
| LV2             | LEFT VERTICAL 2 |
| LH              | LEFT HORIZONTAL |
| LR              | LEFT REAR       |

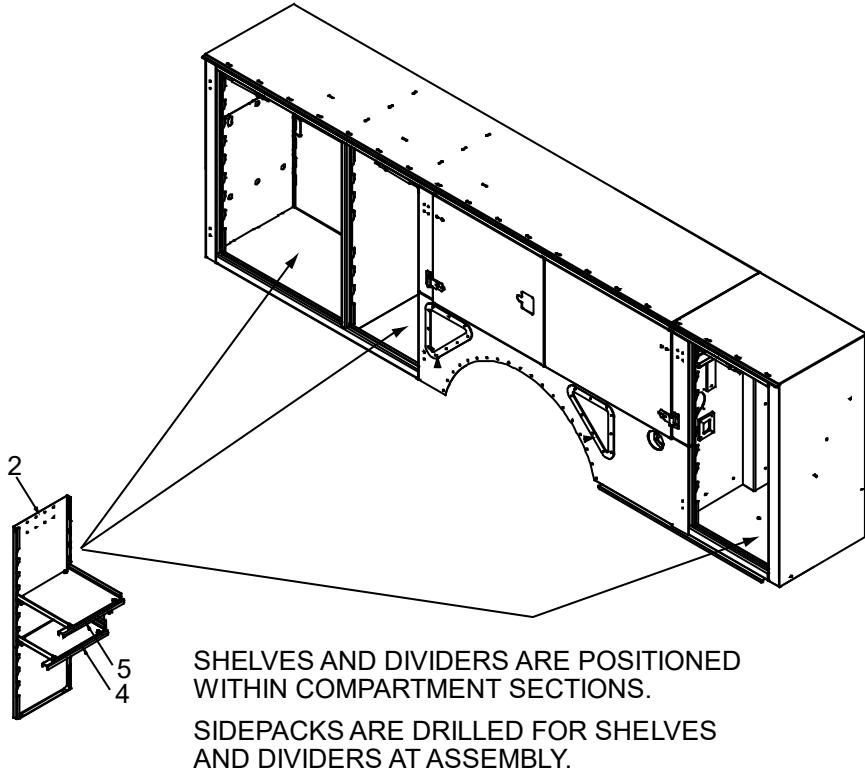
### SHELF INSTALLATION PARTS LIST

| ITEM            | PART #    | DESCRIPTION            | 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 SCR .31-18X .75 HH | 4        |
| 6.              | 72063002  | WASHER .31 FLAT 18-8   | 4        |
| REV. H 20060901 |           |                        |          |

| COMPARTMENT LOCATION | ITEM #3 - SHELF END | ITEM #1 - SHELF | ITEM #2 - SHELF END | SHELF WIDTH (INCHES) | SHELF DIVIDER (60251115) | SHELF KIT NUMBER           |
|----------------------|---------------------|-----------------|---------------------|----------------------|--------------------------|----------------------------|
| LEFT VERT 1          | 60136436            | 60136447        | 60136441            | 33.62                |                          | 51723712                   |
|                      | 60136436            | 60136450        | 60136441            | 33.62                | 6 INCLUDED               | 51723713                   |
| LEFT VERT 2          | 60136439            | 60137424        | 60136441            | 17.5                 |                          | 51723988                   |
|                      | 60136439            | 60137425        | 60136441            | 17.5                 | 4 INCLUDED               | 51723989                   |
| LEFT REAR N/A        | 60126697            | 60126416        | 60126423            | 25.75                |                          | 51718816 (1.5" DEEP SHELF) |
|                      | 60126697            | 60126409        | 60126423            | 25.75                | 5 INCLUDED               | 51718817 (3" DEEP SHELF)   |
| LH HORIZ 16D         | 60143490            | 60143492        | 60143492            | 62.75                |                          | 51726589 (1.5" DEEP SHELF) |
| LH HORIZ 22D         | 60136438            | 60143489        | 60136441            | 62.75                |                          | 51726588 (1.5" DEEP SHELF) |
| RH HORIZ 16D         | 60143494            | 60143492        | 60143493            | 62.75                |                          | 51726591 (1.5" DEEP SHELF) |
| RH HORIZ 22D         | 60136439            | 60143489        | 60136437            | 62.75                |                          | 51726590 (1.5" DEEP SHELF) |

| DIVIDER PANELS                    | ITEM #3 - SHELF END | ITEM #1 - SHELF | ITEM #2 - SHELF END | SHELF WIDTH (INCHES) | SHELF DIVIDER (60251115) | SHELF KIT NUMBER |
|-----------------------------------|---------------------|-----------------|---------------------|----------------------|--------------------------|------------------|
| 20" TALL DIVIDER PANEL (51723744) | 60136921            | 60136442        | 60136863            | 11.5                 |                          | SHELVES INCLUDED |
| 40" TALL DIVIDER PANEL (51720126) | 60126424            | 60129733        | 60129732            | 11.5                 |                          | 51020122         |
|                                   | 60126424            | 60129734        | 60129732            | 11.5                 | 60251213 (3)             | 51720123         |
|                                   | 60126424            | 60129737        | 60129732            | 17.5                 |                          | 51720124         |
|                                   | 60126424            | 60129738        | 60129732            | 17.5                 | 60251216 (4)             | 51720125         |
| REV. M 20080214                   |                     |                 |                     |                      |                          |                  |

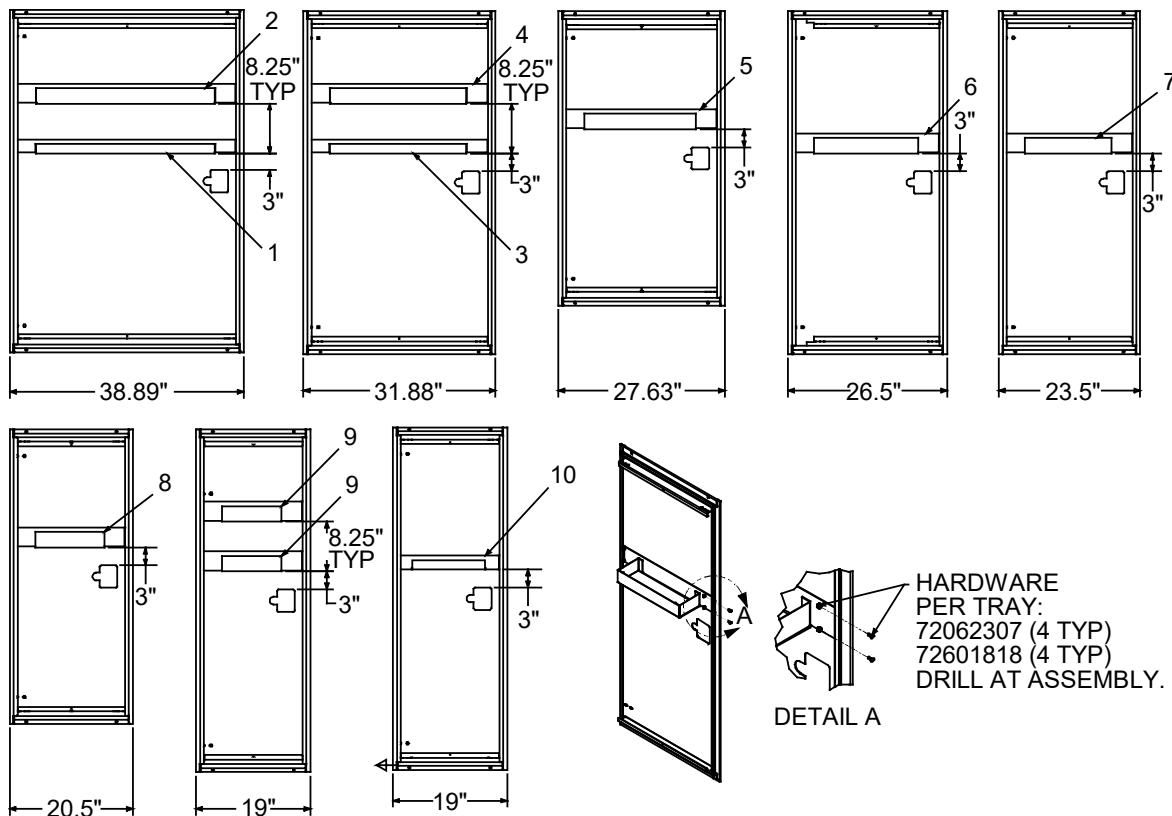
## Installation Drawing, Shelves (99903658)



### 99903658 PARTS LIST

| ITEM            | PART #    | DESCRIPTION  | QUANTITY    |
|-----------------|-----------|--|-------------|
| 2.              | 51720126  | PANEL DIVIDER, DOMINATOR ADJUSTABLE SHELF, 44" W - 52" H | 1           |
| 3.              | 51723744  | PANEL DIVIDER DOM ADJ SHELF 22"H                         | 1           |
| 4.              | SEE CHART | SHELF KIT DOM 1.50"H 18.00 X 12.00                       | 1           |
| 5.              | SEE CHART | SHELF KIT DOM 1.50"H 18.00 X 18.00                       | 1           |
| 6.              | 72601831  | CAP SCR-SS .31-18X 1.00 HH                               | AS REQUIRED |
| 7.              | 72062167  | NUT-SS .31-18 HEX NYLOC                                  | AS REQUIRED |
| 8.              | 72062314  | WASHER-SS-BONDED PLTD .31                                | AS REQUIRED |
| REV. H 20060901 |           |  |             |

## Installation Drawing, Door Trays (99903667)



### NOTE:

1 Position all tray applications 3.0" above latch hole opening. Space all double tray applications 8.25" apart.

### 99903667 PARTS LIST

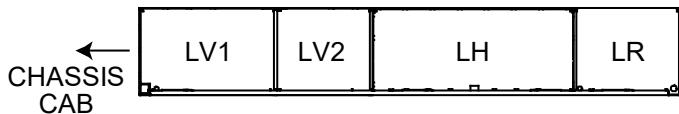
| ITEM | PART #   | KIT #    | DESCRIPTION                         | QUANTITY |
|------|----------|----------|-------------------------------------|----------|
| 1.   | 52720635 | 51720645 | TRAY-TORCH DOM 31.88 W-LATCH        | REF      |
| 2.   | 52720636 | 51720646 | TRAY-SPRAY CAN DOM 31.88 W DOOR     | REF      |
| 3.   | 52718839 | 51718838 | TRAY-TORCH DOM 31.88 W-LATCH        | REF      |
| 4.   | 52718841 | 51718840 | TRAY-SPRAY CAN DOM 31.88 W DOOR     | REF      |
| 5.   | 52720227 | 51720230 | TRAY-SPRAY CAN DOM 27.63 W DOOR     | REF      |
| 6.   | 52720226 | 51720229 | TRAY-SPRAY CAN DOM 26.50 W DOOR     | REF      |
| 7.   | 52720225 | 51020228 | TRAY-SPRAY CAN DOM 23.5 W DOOR      | REF      |
| 8.   | 52719152 | 51719166 | TRAY-SPRAY CAN DOM 20.50 W DOOR     | REF      |
| 9.   | 52719153 | 51719167 | TRAY-SPRAY CAN DOM 19.00 W DOOR     | REF      |
| 10.  | 52713972 | 51713973 | TRAY-WELDMENT TORCH DOM 19" W/LATCH | REF      |

NOTE: Not all trays are available on all models. Check the door widths on your model to determine appropriate options.

REV. D 20081112

## Propane Parts List, Drawer Units and Kits

IMT offers drawer sets with 3, 5, and 7" high drawers in widths of 13, 26, and 39" wide. The charts below indicate which drawer sets can be used in which compartment.



| COMPARTMENT KEY |                 |
|-----------------|-----------------|
| LV1             | LEFT VERTICAL 1 |
| LV2             | LEFT VERTICAL 2 |
| LH              | LEFT HORIZONTAL |
| LR              | LEFT REAR       |

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

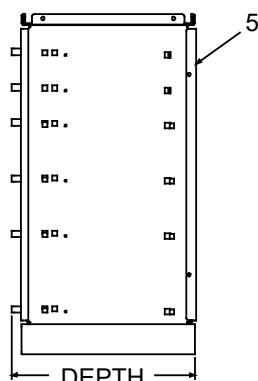
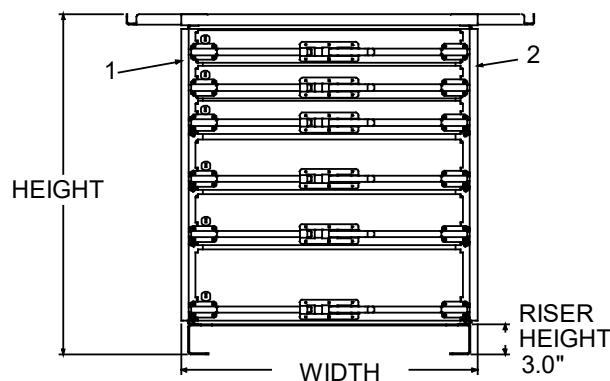
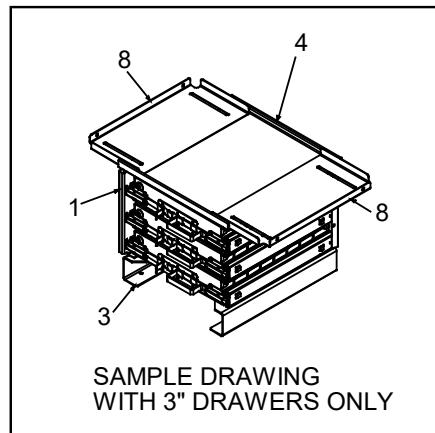
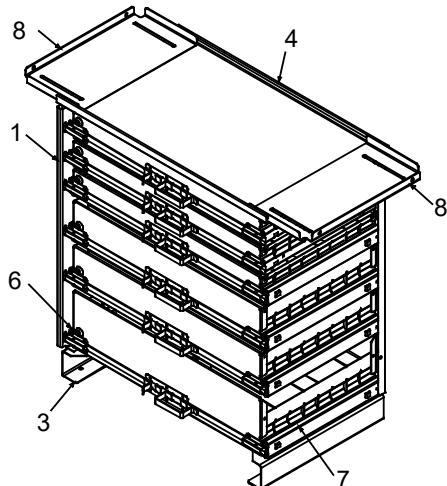
| COMPARTMENT     | DRAWER SET WIDTH |
|-----------------|------------------|
| LEFT VERTICAL 1 | 26" Wide         |
| LEFT VERTICAL 2 | 13" Wide         |
| LEFT HORIZONTAL | 39" Wide         |

| DRAWER SET WIDTH | COMPARTMENT APPLICATION | PART #   | 3" HIGH DRAWERS | 5" HIGH DRAWERS | 7" HIGH DRAWERS | DRAWER SET OVERALL HEIGHT |
|------------------|-------------------------|----------|-----------------|-----------------|-----------------|---------------------------|
| 13" WIDE         | LEFT VERTICAL 2         | 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 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"                       |
|                  |                         | 70733782 | 8               | 1               |                 | 39"                       |
|                  |                         | 70733783 |                 | 5               | 1               | 40"                       |
|                  |                         | 70733785 | 5               | 3               |                 | 39"                       |
|                  |                         | 70733790 | 6               | 1               |                 | 31"                       |
|                  |                         | 70733792 | 3               | 3               |                 | 32"                       |
|                  |                         | 70733794 | 3               | 4               |                 | 38"                       |

|          |                             |          |   |   |   |     |
|----------|-----------------------------|----------|---|---|---|-----|
| 39" WIDE | LEFT HORIZONTAL COMPARTMENT | 70733770 | 5 |   |   | 22" |
|          |                             | 70733771 |   | 3 |   | 21" |
|          |                             | 70733772 | 3 | 1 |   | 21" |
|          |                             | 70733773 |   | 2 | 1 | 23" |

## Drawer Set Reference Drawing

SAMPLE DRAWER SET  
DRAWING WITH 3",  
5", AND 7" HIGH DRAWERS.



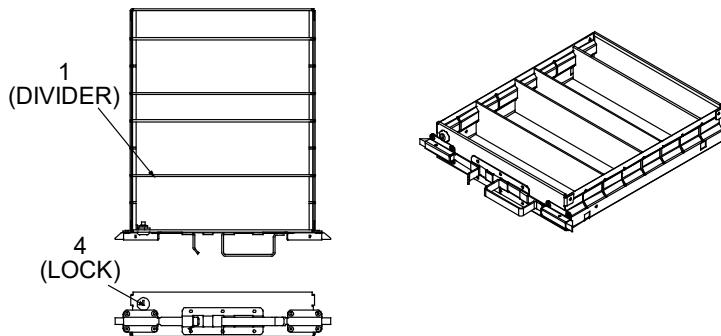
**NOTE:**

- 1 Complete drawer set part numbers are included in **Propane Parts List, Drawer Units and Kits** (on page 62).
- 2 The quantity of items 1- 5, panels, risers, and shelves, is 1 per drawer set.
- 3 The quantities of items 6 - 11, slides and drawers, are based on the number of drawers in the complete kits.

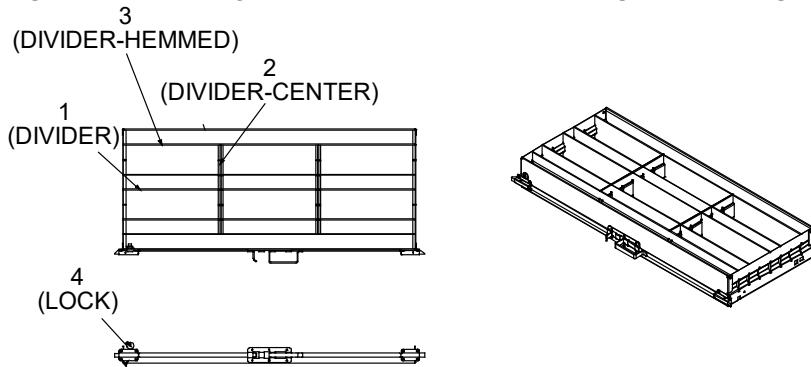
| ITEM | DESCRIPTION            | 13" SET  | 26" SET  | 39" SET  |
|------|------------------------|----------|----------|----------|
| 1.   | PANEL-SIDE, LH         | REF      | REF      | REF      |
| 2.   | PANEL-SIDE, RH         | REF      | REF      | REF      |
| 3.   | RISER                  | 60130555 | 60130556 | 60130557 |
| 4.   | SHELF                  | 60130552 | 60130553 | 60130554 |
| 5.   | PANEL-DRAWER BACK      | REF      | REF      | REF      |
| 6.   | DRAWER SLIDE W-TABS LH | 70734171 | 70734171 | 70734171 |
| 7.   | DRAWER SLIDE W-TABS RH | 70734173 | 70734173 | 70734173 |
| 8.   | SHELF-ADJUSTABLE END   | 60130659 | 60130659 | 60130660 |
| 9.   | 3" DRAWER              | 70733800 | 70733798 | 70733804 |
| 10.  | 5" DRAWER              | 70733802 | 70733799 | 70733805 |
| 11.  | 7" DRAWER              | 70733803 | 70733801 | 70733806 |

## Drawer Components

SAMPLE DRAWING - DRAWER WITH 4 DIVIDERS



SAMPLE DRAWING - DRAWER WITH CENTER AND SIDE DIVIDERS



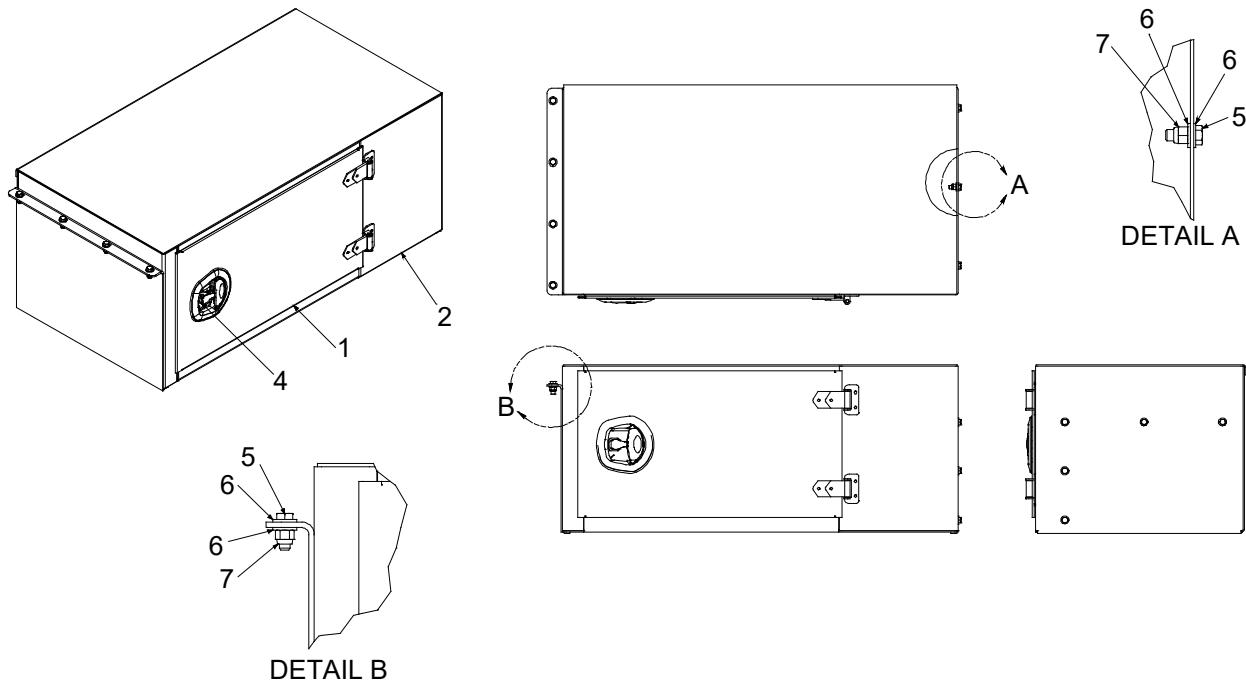
**NOTE:**

- 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.

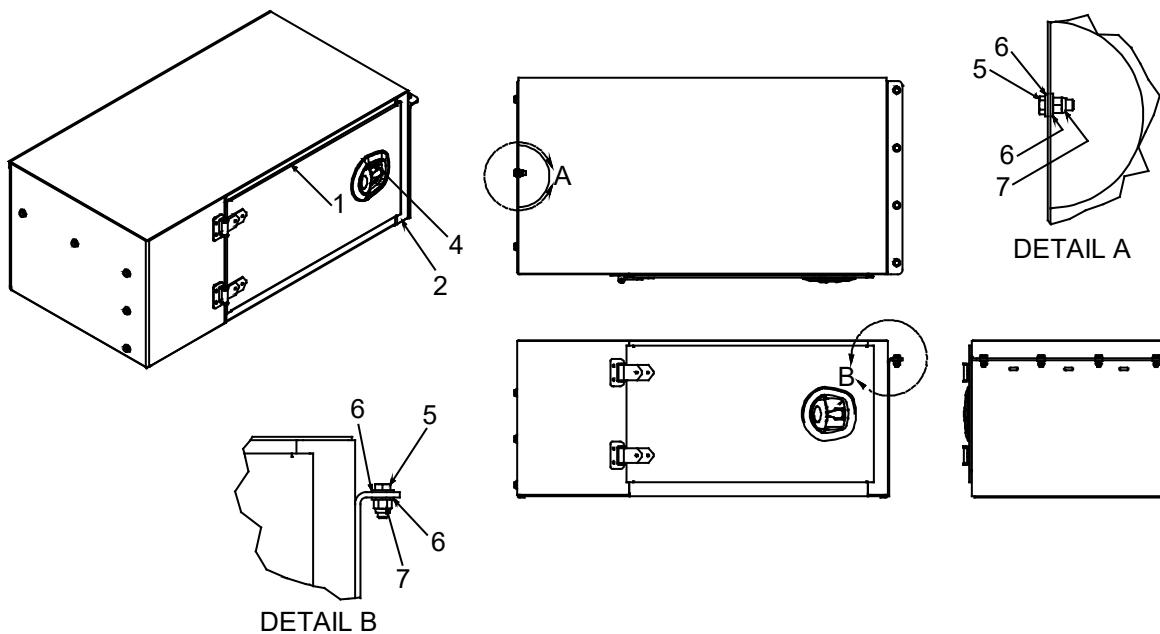
| DRAWER PART # | DRAWER WITH DIVIDER DIMENSIONS | DRAWER COMPONENT PART NUMBERS (QUANTITY IN PARENTHESES) |                        |                        |
|---------------|--------------------------------|---|------------------------|------------------------|
|               |                                | 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)           |

## Bolt-on Underbody Toolboxes

Right-Front Toolbox (51723154)



Left-Front Toolbox (51723191)



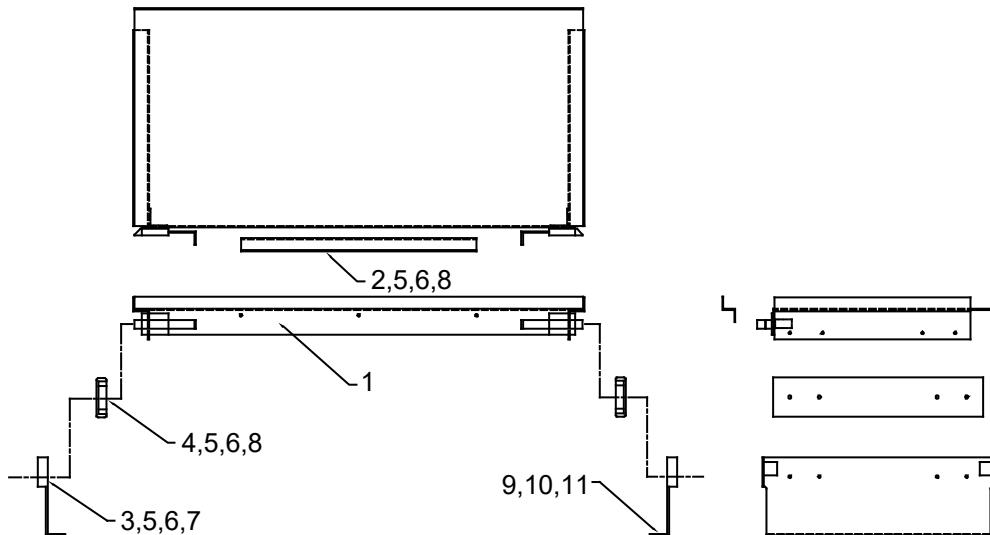
| <b>PARTS LISTS</b> |          |  |               |          |
|--------------------|----------|--|---------------|----------|
| ITEM               | PART #   | DESCRIPTION  |               | QUANTITY |
| 1.                 | 52723159 | DOOR-WLDMT HEM D(II) 14.88H X 26.88W               |               | 1        |
| 2.                 | 52723155 | UNDERBODY TOOLBOX WELDMENT,<br>PROPANE FRONT RIGHT | 51723154 only | 1        |
|                    | 52723191 | UNDERBODY TOOLBOX WELDMENT,<br>PROPANE FRONT LEFT  | 51723190 only | 1        |
| 3.                 | 72661383 | HINGE-SS 10GA                                      |               | 2        |
| 4.                 | 72661599 | LATCH ASSEMBLY                                     |               | 1        |
| 5.                 | 72060046 | CAP SCR 3/8-16 X 1 HHGR5Z                          |               | 9        |
| 6.                 | 72063003 | WASHER .38 FLAT                                    |               | 18       |
| 7.                 | 72062103 | NUT 3/8-16 HEX NYLOC                               |               | 9        |
| NEW 20100925       |          |  |               |          |

## 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<br>(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, LV3, RV1, RV2, RV3, LH, RH, LR |
| 51704194                        | 5 drawer set with base 18"D x 8.12"W x 23"H  | LV1, LV2, LV3, RV1, RV2, RV3, LR         |
| 51709946                        | 16 bolt drawer set w/base 18"D x 16.25"W x 35.5"H  | LV1, LV2, LV3, RV1, RV2, RV3, LR         |
| 51704282                        | 18 bolt drawer set w/base 18"D x 16.25"W x 39.5"H  | LV1, LV2, LV3, RV1, RV2, RV3, LR         |
| 51712650                        | 2 drawer set with base 18"D x 8.12"W x 11"H  | LV1, LV2, LV3, RV1, RV2, RV3, 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                                   |

Note: Left Vertical Compartment 3 (LV3) and Right Vertical Compartment 3 (RV3) are only available on Dominator I and II 13' and 14' models, and may not be available on your model. Check your product specifications.

## Tool Box Tray (51711548)

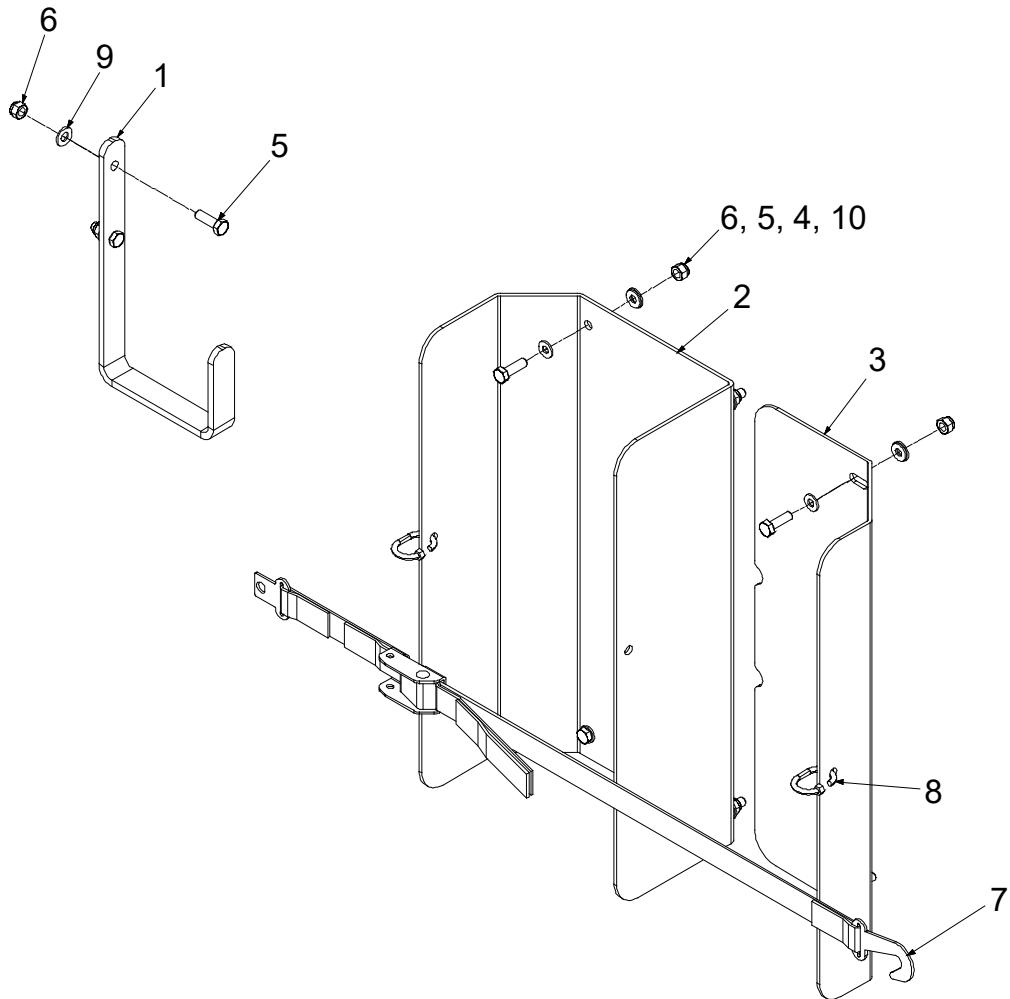


### 51711548 PARTS LIST

| 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        |

REV. A 20041230

## Tank Bracket, 2-Bottle (51719752)

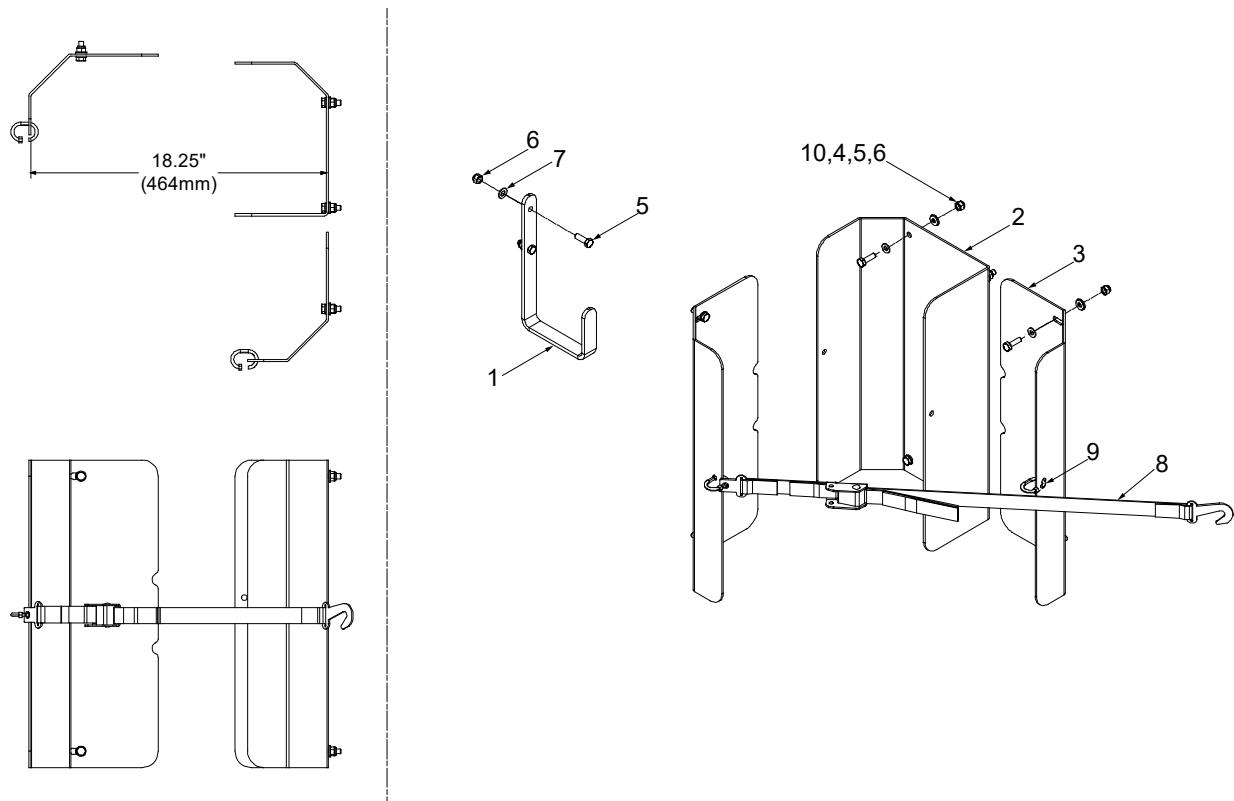


### 51719752 PARTS LIST

| ITEM | PART #   | DESCRIPTION                          | QTY |
|------|----------|--------------------------------------|-----|
| 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)

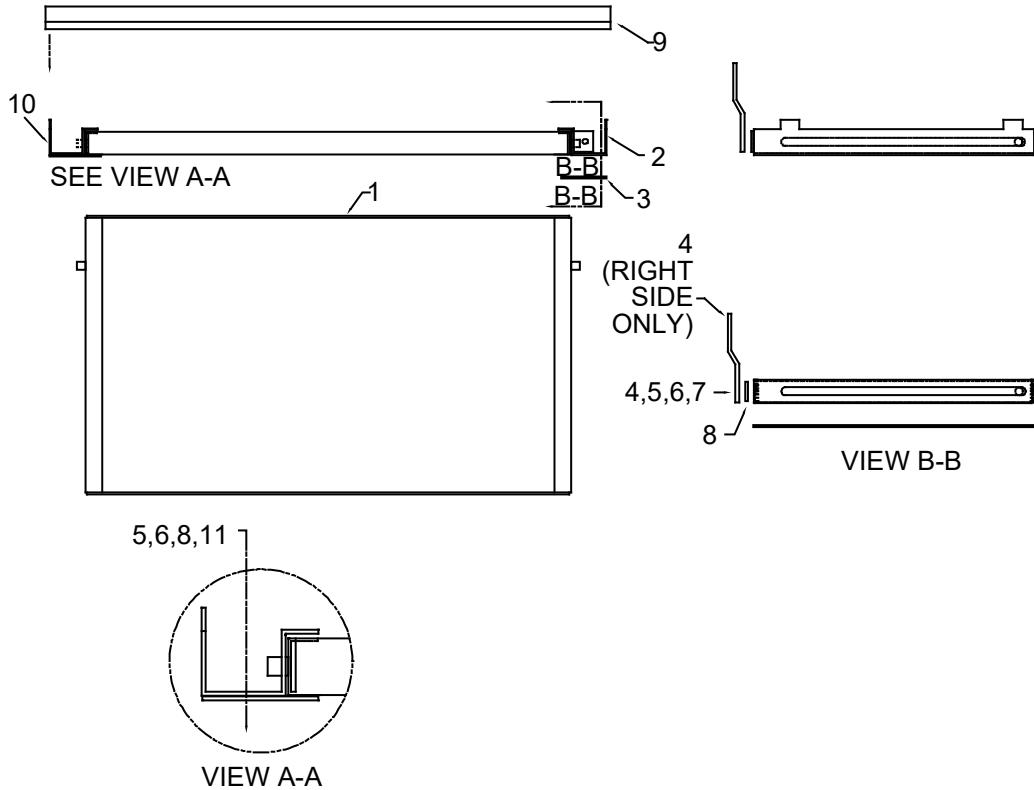


### 51720021 PARTS LIST

| ITEM | PART #   | DESCRIPTION                          | QTY |
|------|----------|--------------------------------------|-----|
| 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

## Slide Out Tray (51713240)



### 51713240 PARTS LIST

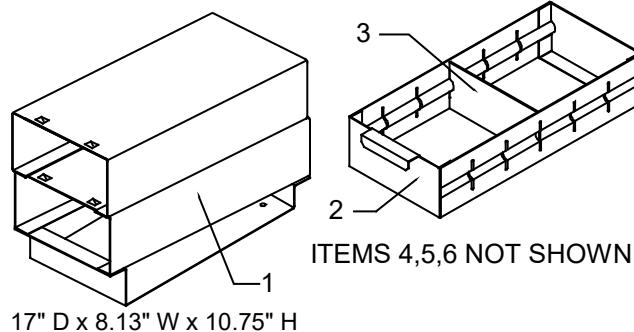
| ITEM            | PART #   | DESCRIPTION                               | QUANTITY |
|-----------------|----------|---|----------|
| 1.              | 52714765 | SHELF                                     | 1        |
| 2.              | 60121211 | MOUNTING BRACKET, HORIZONTAL (RIGHT HAND) | 1        |
| 3.              | 60121212 | SPACER-HORIZ BOOK TRAY                    | 2        |
| 4.              | 60010921 | LATCH-COMPRESSOR GATE                     | 1        |
| 5.              | 72060025 | CAP SCR 0.31-18 X1 HHGR5Z                 | 5        |
| 6.              | 72062109 | NUT 0.31-18 X HEX NYLOC ZINC              | 5        |
| 7.              | 72063050 | WASHER 0.31 LOCK ZINC                     | 1        |
| 8.              | 72063002 | WASHER 0.31 W FLAT                        | 9        |
| 9.              | 60121216 | SHELF - ADJ                               | 1        |
| 10.             | 60121215 | BRACKET-MOUNTING (LEFT HAND)              | 1        |
| REV. A 20060830 |          |   |          |

## Pull-Out Bin Sets

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

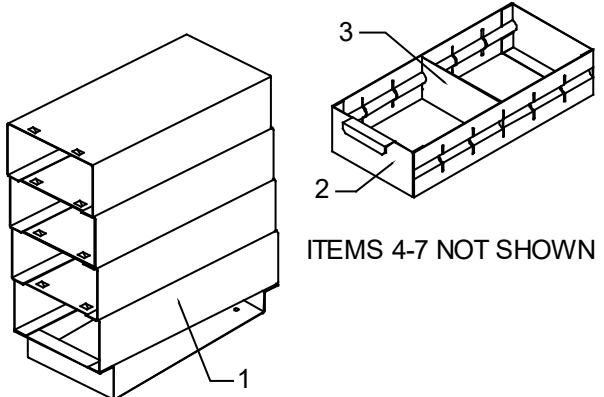
| BIN SET PARTS LISTS |          |                          | # BINS / QUANTITY    |                      |                      |                       |                       |
|---------------------|----------|--------------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|
| ITEM                | PART #   | DESCRIPTION              | 2-BINS<br>(51712650) | 4-BINS<br>(51704193) | 5-BINS<br>(51704194) | 16-BINS<br>(51709946) | 18-BINS<br>(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 1/4-20X3/4 HHGR5 | 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)



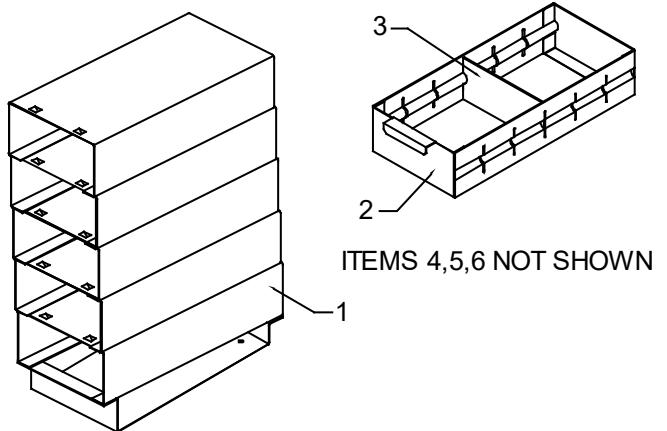
17" D x 8.13" W x 10.75" H

**4-Bin Set with Base (51704193)**



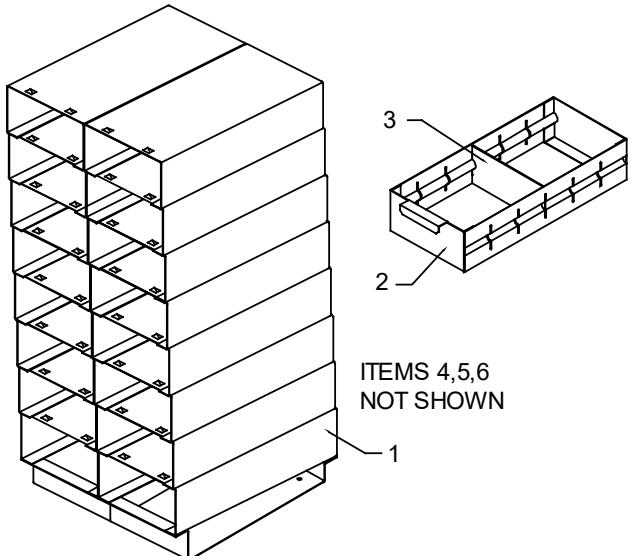
17" D x 8.13" W x 19" H

**5-Bin Set with Base (51704194)**



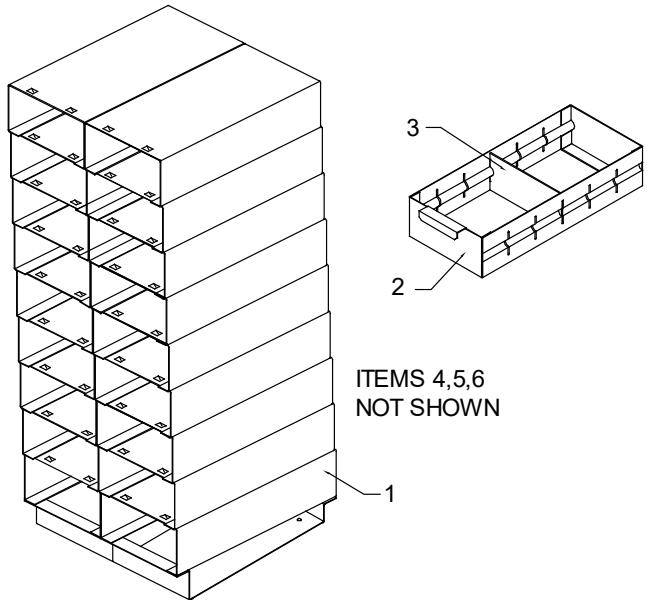
17" D x 8.13" W x 23" H

**16-Bin Set with Base (51709946)**



17" D x 16.26" W x 35" H

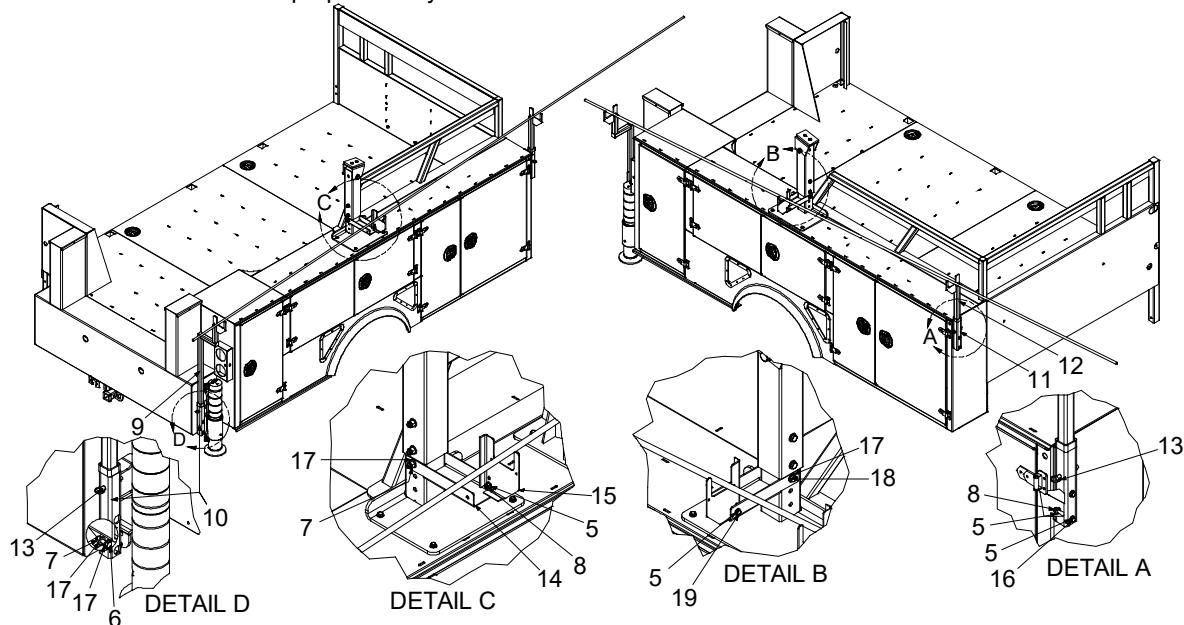
**18-Bin Set with Base (51704282)**



17" D x 16.26" W x 39" H

## Pipe Rack Kit (99904883)

Use rack kit # 51725552 for a propane body with a crane.

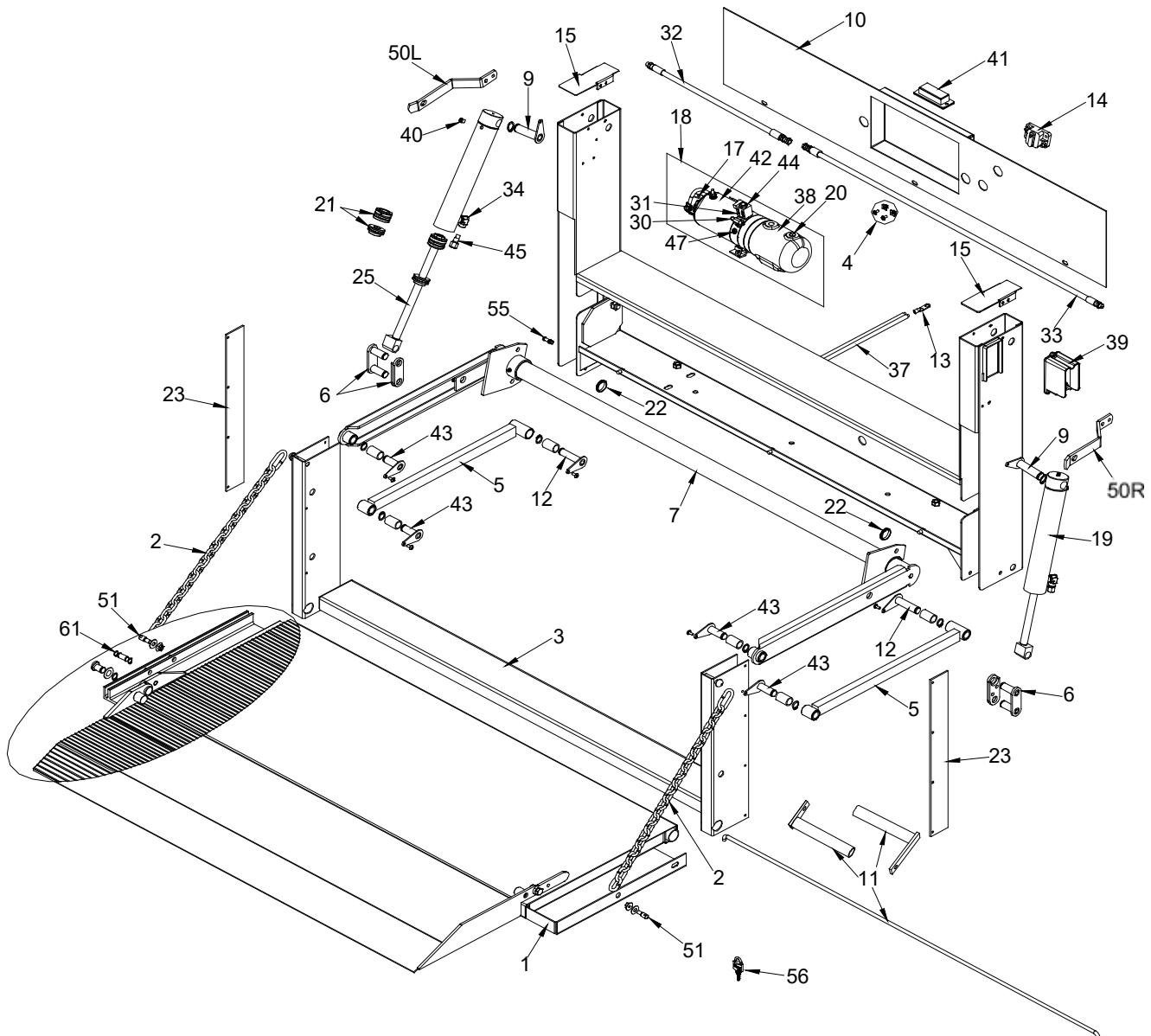


### 99904883 PARTS LIST

| ITEM | PART #   | DESCRIPTION                              | QTY |
|------|----------|--|-----|
| 1.   | 51722922 | RACK KIT-PROPANE PIPE W-RH CRN           | A/R |
| 2.   | 51722923 | KIT-HRDW PROPANE PIPE RACK W-RH CRN      | 1   |
| 3.   | 51725552 | RACK KIT-PROPANE PIPE S3 BOOM            | A/R |
| 4.   | 51725553 | KIT-HRDW PROPANE PIPE RACK S3 BOOM       | 1   |
| 5.   | 72063003 | WASHER .38 FLAT                          | 6   |
| 6.   | 72060094 | CAP SCR .50-13X 1.75 HH GR5 Z            | 2   |
| 7.   | 72062080 | NUT .50-13 HEX NYLOCK                    | 3   |
| 8.   | 72062103 | NUT .38-16 HEX NYLOCK                    | 3   |
| 9.   | 52722899 | RACK-PROPANE PIPE REAR                   | 1   |
| 10.  | 60135480 | TUBE-PROPANE PIPE RACK REAR              | 1   |
| 11.  | 52722898 | BRACKET-PROPANE PIPE RACK FRONT RECEIVER | 1   |
| 12.  | 52722900 | RACK-PROPANE PIPE FRONT                  | 1   |
| 13.  | 71732054 | PIN-QUICK RLSE .50D 2.5CRIT RNG          | 2   |
| 14.  | 60135545 | BRACKET-PROPANE PIPE SUPPORT CTR RH      | 1   |
| 15.  | 60135546 | BRACKET-PROPANE PIPE HOLDER CENTER       | 1   |
| 16.  | 72060054 | CAP SCR .38-16X 3.00 HH GR5 Z            | 2   |
| 17.  | 72063005 | WASHER .50 FLAT                          | 6   |
| 18.  | 72060101 | CAP SCR .50-13X 5.00 HH GR5 Z            | 1   |
| 19.  | 72060046 | CAP SCR .38-16X 1.00 HH GR5 Z            | 1   |
| 20.  | 60141412 | BRACKET-PROPANE RACK KIT S3 BOOM         | 1   |
| 21.  | 72060049 | CAP SCR .38-16X 1.75 HH GR5 Z            | 2   |

Rev B 20130620

## Loadgate (70734523)

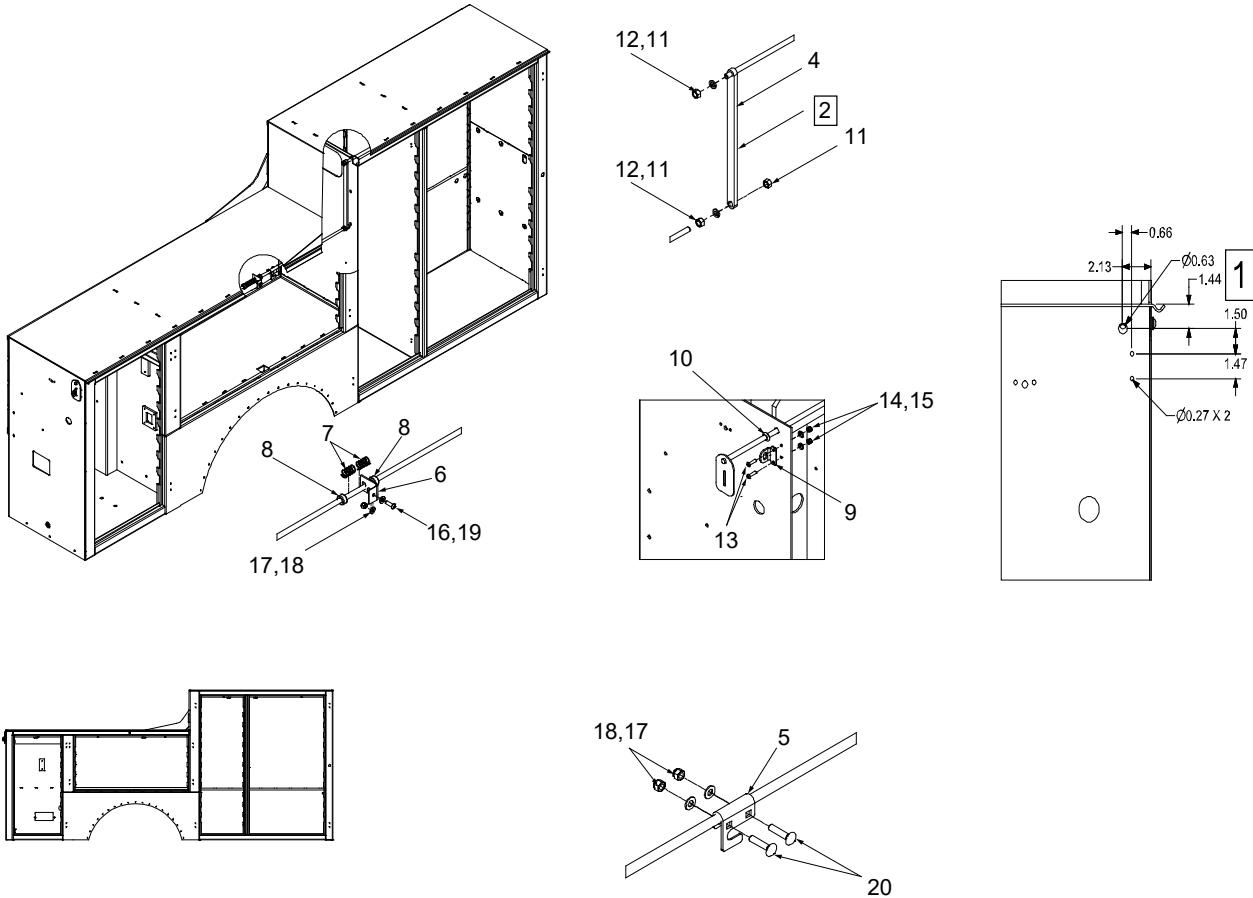


### 70734523 PARTS LIST

| ITEM | PART #   | DESCRIPTION                                | QUANTITY |
|------|----------|--|----------|
| 1.   |          | Platform                                   | 1        |
| 2.   | 73050196 | Replacement Platform Chain                 | 2        |
| 3.   |          | Sub Assembly                               | 1        |
| 4.   |          | License Plate Mount Kit                    | 1        |
| 5.   | 71414334 | Replacement Lower Arm w/Pins & Bushings    | 2        |
| 6.   | 51723701 | Replacement Clevis Cylinder Assembly       | 2        |
| 7.   |          | Upper Arm Assembly                         | 1        |
| 9.   | 71414335 | 7/8" Replacement Upright Back Cylinder Pin | 2        |
| 10.  |          | Replacement Box Cover                      | 1        |

| <b>70734523 PARTS LIST</b> |          |   |          |
|----------------------------|----------|---|----------|
| ITEM                       | PART #   | DESCRIPTION   | QUANTITY |
| 11.                        | 70734574 | Torsion Spring Kit (for 70734523 loadgate)            | 1        |
| 12.                        | 71414336 | 3/4" Replacement Upright Back Arm Pin & Bushing       | 2        |
| 13.                        |          | Replacement Copper Lug                                | 6        |
| 14.                        |          | (Not on IMT liftgate)                                 |          |
| 15.                        |          | Replacement Upright Cap                               | 2        |
| 17.                        | 77041880 | Replacement Raise Solenoid-3 Post                     | 1        |
| 18.                        | 77041881 | Replacement Pump & Motor Unit(2500PSI)                | 1        |
| 19.                        | 51723702 | Replacement Cylinder (50)                             | 2        |
| 20.                        | 72534782 | Replacement Vent Plug                                 | 1        |
| 21.                        | 73050197 | G2 Cylinder Repair Kit                                | 2        |
| 22.                        |          | Replacement Split Plastic Grommet Kit                 | 2        |
| 23.                        |          | Replacement Sub Assembly Belting (50)                 | 2        |
| 25.                        |          | Replacement Cylinder Shaft Complete(50)               | 2        |
| 30.                        | 73540438 | Replacement Monarch Lee Check Valv                    | 1        |
| 31.                        |          | Replacement T Fitting (Pump & Motor)                  | 1        |
| 32.                        |          | Replacement 1/4"X26-1/4" Hydraulic Hose-Left          | 1        |
| 33.                        |          | Replacement 1/4"x85-3/4" Hydraulic Hose-Right         | 1        |
| 34.                        |          | Replacement 1/4"x1/4"x90 Degree Steel Cylinder Elbow  | 1        |
| 37.                        |          | Replacement 4 Ga. 2 Wire Electric Cable w/Lugs-33 ft. | 1        |
| 38.                        | 70734573 | Replacement 3QT Monarch Plastic Tank                  | 1        |
| 39.                        | 77041882 | Replacement Fixed Control                             | 1        |
| 40.                        | 72534783 | Replacement Vent Plug - Cylinder                      | 2        |
| 41.                        |          | Replacement License Plate Light & Bracket             | 1        |
| 42.                        | 77041883 | Replacement 12 Volt Motor-Only                        | 1        |
| 43.                        | 71414337 | 3/4" Replacement Upright Front Arm Pin                | 4        |
| 44.                        | 77041884 | Release Solenoid External Assembly w/Connector        | 1        |
| 45.                        | 73540439 | Replacement Flow Control                              | 2        |
| 47.                        | 51723703 | Replacement Pump (only) w/3qt. Tank 1650 (2500PSI)    | 1        |
| 50L.                       | 51723704 | (50) Replacement Latch Kit-Left                       | 1        |
| 50R.                       | 51723705 | (50) Replacement Latch Kit-Right                      | 1        |
| 51.                        | 51723706 | Replacement Platform Latch Pin Assembly(G2)           | 2        |
| 55.                        |          | Replacement Drop Away Pin Assembly                    | 1        |
| 56.                        |          | Replacement Padlock w/Keys                            | 1        |
| 61.                        | 71414338 | Replacement Platform Chain Pin(1.079")                | 2        |

2017 Master Lock System (99906150)



## NOTES:

1. LEFT REAR Ø5/8" IS 1.19 FROM TOP.
  2. SLOT IN LOWER COMPARTMENT.

| 2017 99906150 COMPLETE PARTS LIST |          |   |     |
|-----------------------------------|----------|---|-----|
| Item                              | Part No. | Description                             | Qty |
| 1                                 | 99905092 | SDPK-DS3 -DOM2-11 RH R60 W CRN          | A/R |
| 2                                 | 52726925 | ROD-MSTR LOCK 27.50in ASM               | A/R |
| 3                                 | 60010351 | SPRING-COMPRESSION .062 X 1.50 X .845OD | A/R |
| 4                                 | 60144540 | BRACKET-ROD HANGER MASTER LOCK-SHORT    | A/R |
| 5                                 | 60144213 | HASP EYE - .5 SHACKLE SS                | A/R |
| 6                                 | 60144212 | BRACKET-ROD STOP LH LOCK                | A/R |
| 6                                 | 60144214 | BRACKET-ROD STOP RH LOCK                | A/R |
| 7                                 | 60144355 | LINKAGE - MSTR LOCK 8in                 | A/R |
| 8                                 | 60144376 | ROD-MSTR LOCK 38.50in DBL TH            | A/R |

| 2017 99906150 COMPLETE PARTS LIST |          |                                     |     |
|-----------------------------------|----------|-------------------------------------|-----|
| Item                              | Part No. | Description                         | Qty |
| 10                                | 70034277 | GROMMET-POLY .52ID GR-5/8-UL        | A/R |
| 11                                | 70143654 | COLLAR-SHAFT 1 PIECE 1/2 in.        | A/R |
| 12                                | 72062004 | NUT .50-13 HEX                      | A/R |
| 13                                | 72062024 | NUT .50-13 HEX JAM ZINC             | A/R |
| 14                                | 72062104 | NUT .25-20 HEX NYLOCK               | A/R |
| 15                                | 72062109 | NUT .31-18 HEX NYLOCK               | A/R |
| 16                                | 72062314 | WASHER-BONDED .31 SS                | A/R |
| 17                                | 72062399 | NUT .25-20 HEX GR2 Z COUPLE 0.875 L | A/R |
| 18                                | 72063002 | WASHER .31 FLAT                     | A/R |
| 19                                | 72063053 | WASHER .50 LOCK                     | A/R |
| 20                                | 72601435 | BOLT-CRG .31-18X 1.25 SQNK GR2      | A/R |
| 21                                | 72601590 | SCR-MACH .31-18X 1.00 BTNHD HEX SS  | A/R |
| 22                                | 72602140 | SCR-MACH .25-20X 1.00 BTNHD HEX SS  | A/R |
| 23                                | 72602146 | SCR-MACH .31-18X 1.25 BTNHD HEX SS  | A/R |
| 24                                | 76392820 | WASHER-BONDED .25 PLTD              | A/R |

| 2017 99906150 COMPLETE PARTS LIST |          |             |     |
|-----------------------------------|----------|-------------|-----|
| Item                              | Part No. | Description | Qty |
| REV. A                            | 20170221 |             |     |

## 2017 Master Lock Kits

| KIT NUMBERS | BODY DESCRIPTION                    |
|-------------|-------------------------------------|
| 51735014    | 12-FOOT PROPANE WITH RIGHT STANDARD |
| 51735015    | 12-FOOT PROPANE WITH LEFT STANDARD  |

| PART NO. | DESCRIPTION                             | KIT NUMBER |          |
|----------|---|------------|----------|
|          |   | 51735014   | 51735015 |
| 52726921 | ROD-MSTR LOCK 117in ASM                 | 1          | 1        |
| 60144214 | BRACKET-ROD STOP RH LOCK                | 4          | -        |
| 60144212 | BRACKET-ROD STOP LH LOCK                | -          | 4        |
| 60117214 | BRACKET-ROD HANGER MASTER LOCK          | 1          | 1        |
| 60010351 | SPRING-COMPRESSION .062 X 1.50 X .845OD | 2          | 2        |

|          |                              |   |   |
|----------|------------------------------|---|---|
| 70143654 | COLLAR-SHAFT 1 PIECE 1/2 in. | 2 | 2 |
| 60144213 | HASP EYE - .5 SHACKLE SS     | 1 | 1 |
| 70034277 | GROMMET-POLY .52ID GR-5/8-UL | 1 | 1 |
| 51735003 | KIT-HRDW MSTR LOCK 12FT      | 1 | 1 |



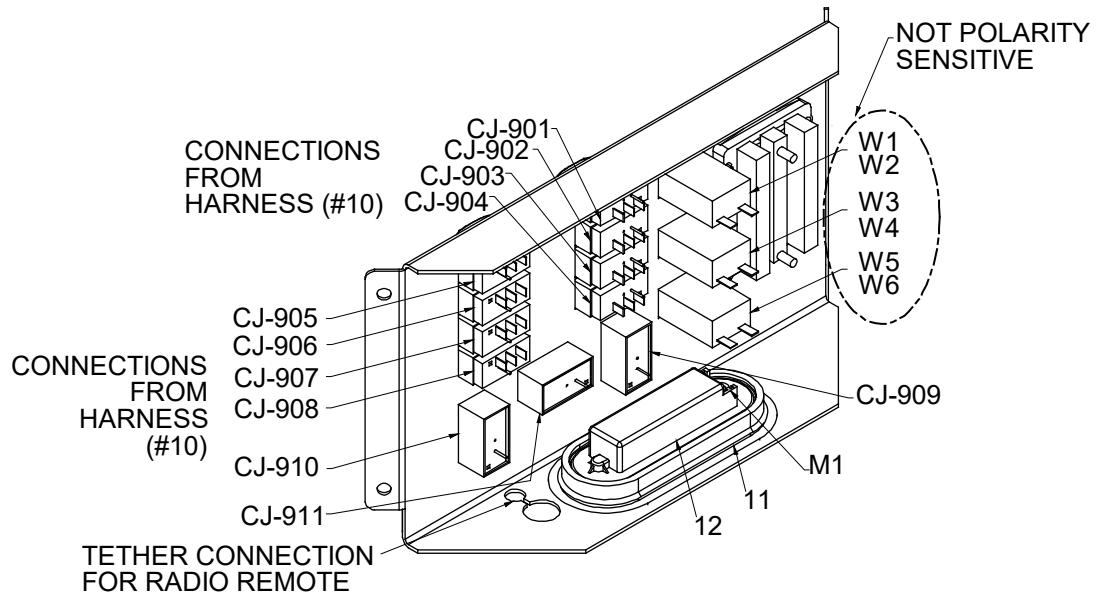
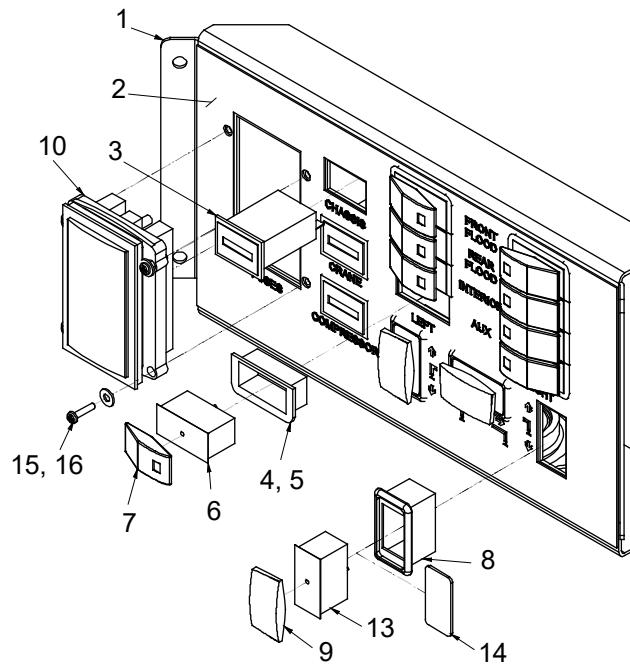
## CHAPTER 5

# Electrical Options & Installation

## In This Chapter

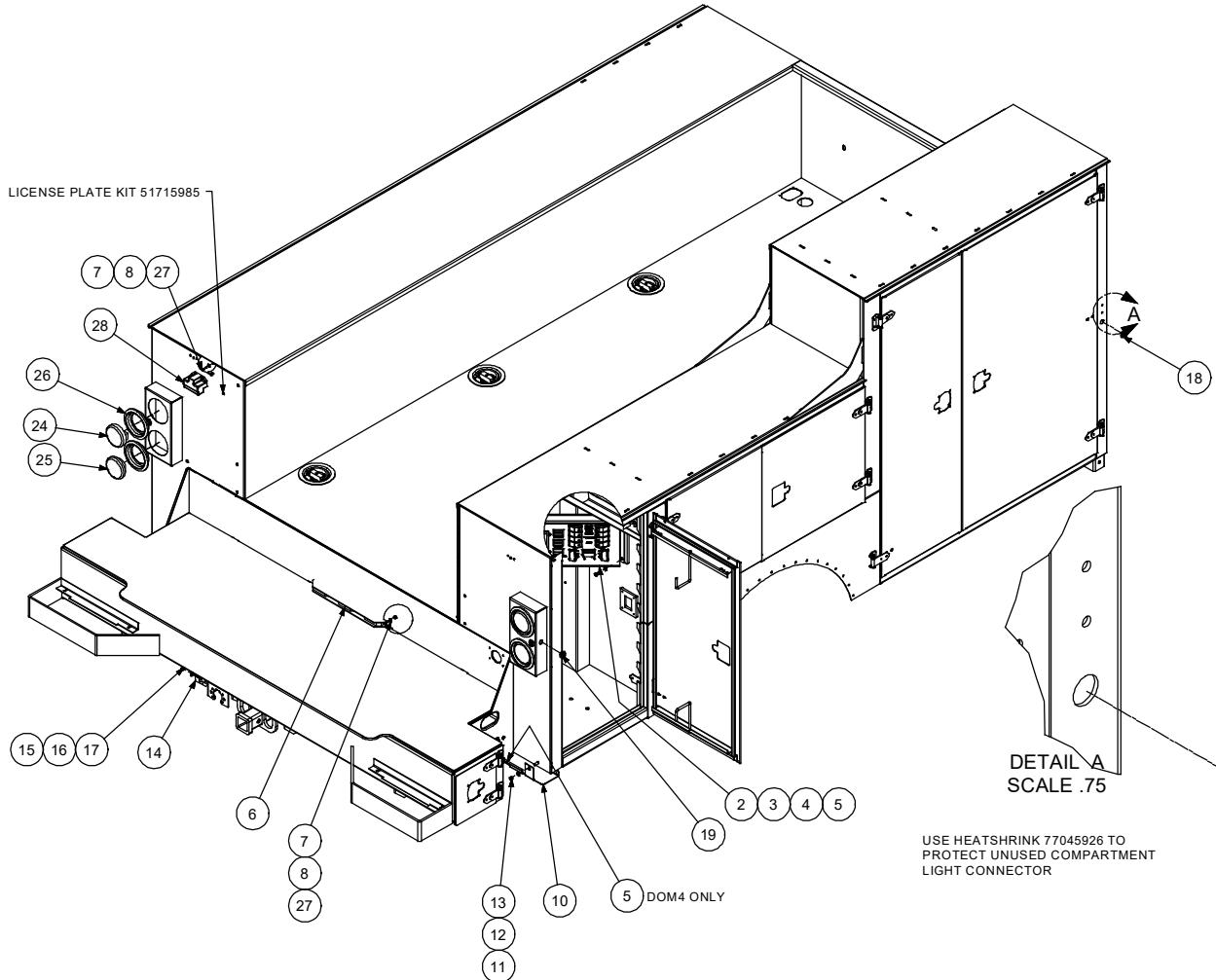
|  |     |
|--|-----|
| Electrical Panel (99903680).....                                   | 84  |
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| Installation, Boom Support Sensor (99904857) .....                 | 106 |
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| Electrical Outlet (51711674) .....                                 | 111 |
| Light Reel Kits .....  | 112 |

## Electrical Panel (99903680)



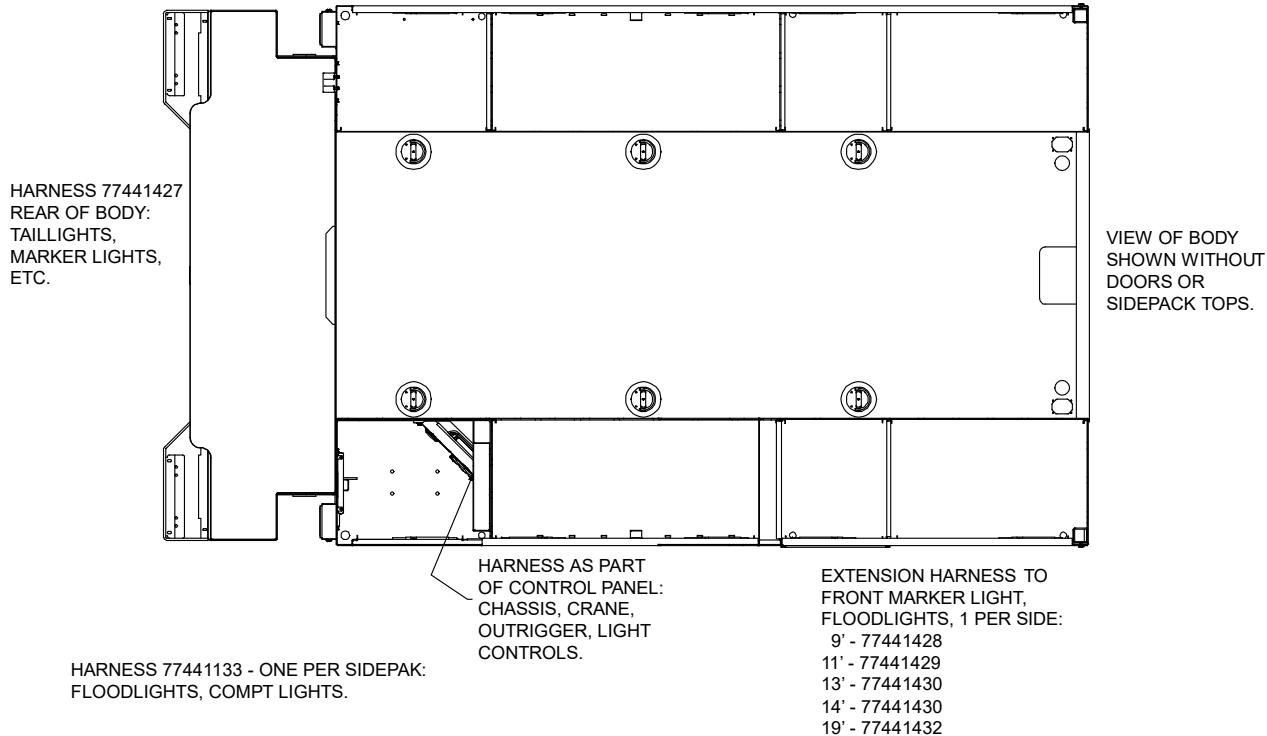
| 99903680 PARTS LIST |          |  |          |
|---------------------|----------|--|----------|
| ITEM                | PART #   | DESCRIPTION                                  | QUANTITY |
| 1.                  | 60251121 | ELECTRICAL PANEL                             | 1        |
| 2.                  | 70396600 | DECAL-ELECTRICAL CONTROL PANEL DOM           | 1        |
| 3.                  | 70733496 | METER-HOUR DATCON PUSH LOCK MOUNTING         | 3        |
| 4.                  | 77041502 | SWITCH-ROCKER MTG PANEL END                  | 4        |
| 5.                  | 77041504 | SWITCH-ROCKER MTG PANEL MIDDLE               | 4        |
| 6.                  | 77041500 | SWITCH-ROCKER BODY                           | 8        |
| 7.                  | 77044779 | SWITCH-ROCKER GREEN ACTUATOR                 | 8        |
| 8.                  | 77041689 | SWITCH-ROCKER SINGLE MOUNTING PANEL          | 3        |
| 9.                  | 77041688 | SWITCH-ROCKER ACTUATOR - FROM STABILIZER KIT | A/R      |
| 10.                 | 77441129 | HARNESS DOM POWER PANEL                      | 1        |
| 11.                 | 76394572 | GROMMET-2 X 6 OVAL CMPT LIGHT                | 1        |
| 12.                 | 77040509 | LIGHT-COMPARTMENT LED (WAS 77040384)         | 1        |
| 13.                 | 77041687 | SWITCH-ROCKER BODY MOMENTARY - FROM STAB KIT | A/R      |
| 14.                 | 77041571 | SWITCH-ROCKER PLUG                           | 3        |
| 15.                 | 72063181 | WASHER-SS 10 WRT TYPE 304                    | 4        |
| 16.                 | 72060612 | SCR-MACH # 8-32X .75 RDH                     | 4        |
| 17.                 | 70034061 | TIES-PLASTIC .18W 12.00L BLACK               | 10       |
| REV. A 20071003     |          |  |          |

## Electrical Installation (99904088) Effective: 07/2018



CHASSIS GROUND AND BODY GROUND EYELETS FROM  
LIGHTING HARNESS TO BE ATTACHED TO CHASSIS &  
BODY, RESPECTIVELY.  
USE HARDWARE #23, 24, 25, 26 AND DRILL AS NECESSARY.

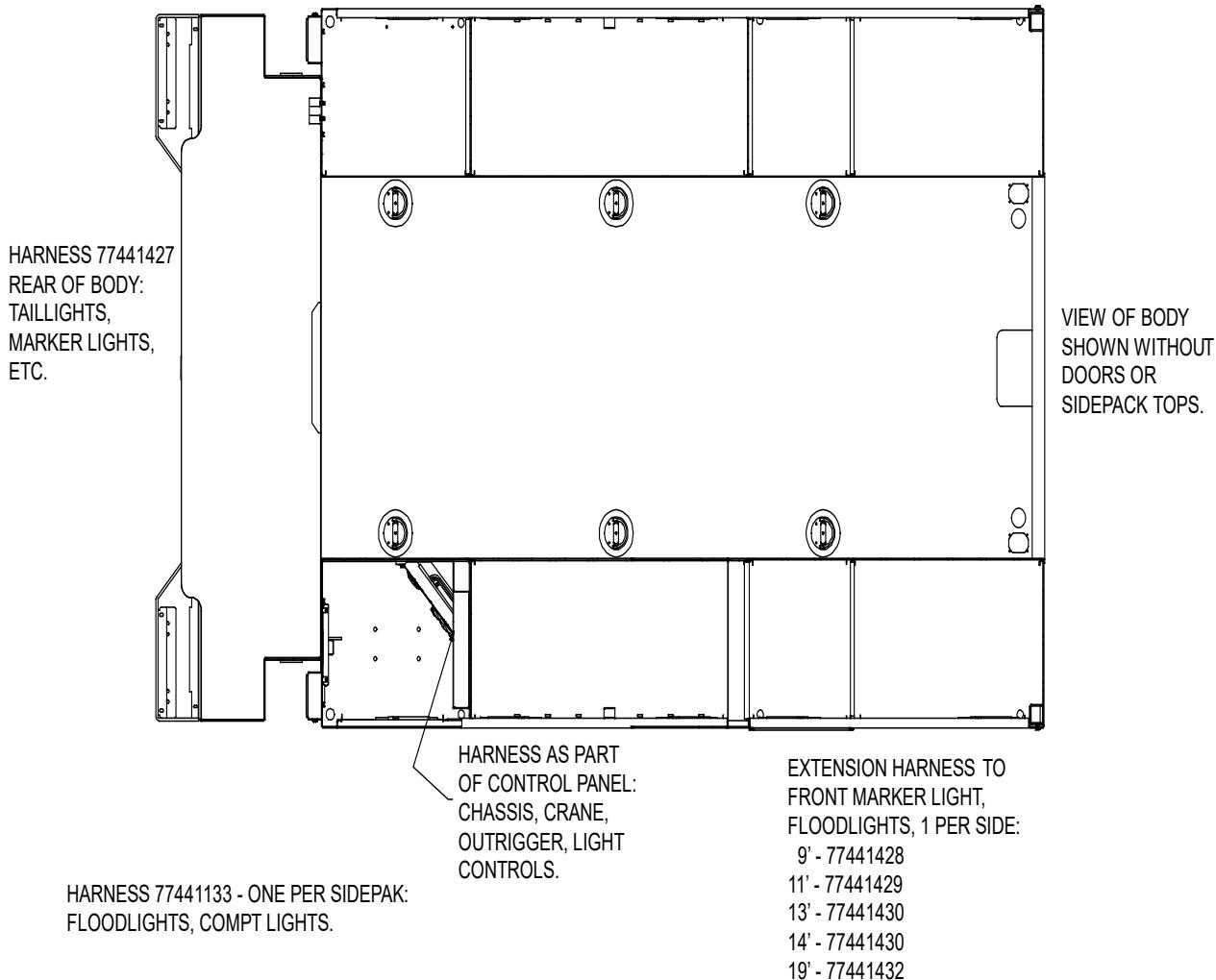
99904088-1



| ITEM NO. | PART NO. | DESCRIPTION                        | QTY. |
|----------|----------|------------------------------------|------|
| 1.       | 51720172 | D(II)-ELECTRICAL PANEL DOM4        | 1    |
| 2.       | 51719191 | D(II)-ELECTRICAL PANEL DOM1 & DOM2 | 1    |
| 3.       | 72063050 | WASHER .31 LOCK                    | 4    |
| 4.       | 72060021 | CAP SCR .31-18X .50 HH GR5 Z       | 4    |
| 5.       | 89396626 | EDGING-PLASTIC BLK                 | A/R  |
| 6.       | 77040483 | LIGHT-3 BAR LED D(I)               | 1    |
| 7.       | 72063000 | WASHER .19 W FLAT ANSI B27.2Z      | 4    |
| 8.       | 72062106 | NUT 10-24 HEX NYLOCK               | 4    |
| 9.       | 60130829 | MTG BRKT-WIRE HARNESS D4           | 2    |
| 10.      | 60120705 | MTG BRKT-WIRE HARNESS              | 2    |
| 11.      | 72060025 | CAP SCR .31-18X 1.00 HH GR5 Z      | 6    |
| 12.      | 72063002 | WASHER .31 FLAT                    | 6    |
| 13.      | 72062109 | NUT .31-18 HEX NYLOCK              | 6    |
| 14.      | 77040020 | ALARM-BACK UP HORN                 | 1    |
| 15..     | 72060005 | CAP SCR .25-20X 1.25 HH GR5 Z      | 2    |
| 16.      | 72063001 | WASHER .25 FLAT                    | 2    |
| 17.      | 72062104 | NUT .25-20 HEX NYLOCK              | 2    |
| 18.      | 77040615 | LIGHT-CLEAR AMBER LED W/GROMMET    | 2    |
| 19.      | 77040616 | LIGHT-CLEAR RED LED W/GROMMET      | 4    |
| 20.      | 72060047 | CAP SCR .38-16X 1.25 HH GR5 Z      | 2    |

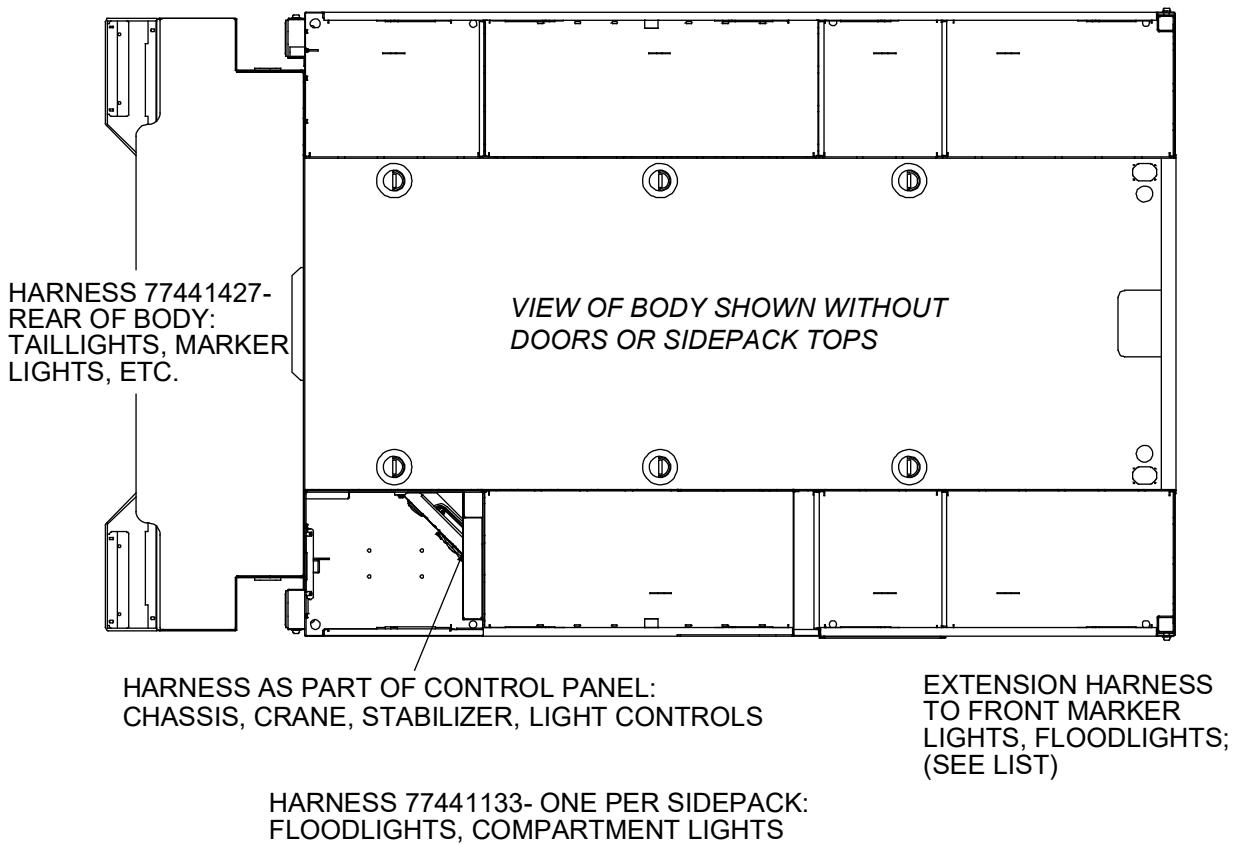
| ITEM NO.                | PART NO. | DESCRIPTION                        | QTY. |
|-------------------------|----------|------------------------------------|------|
| 21.                     | 72063003 | WASHER .38 W FLAT ANSI B27.2Z      | 2    |
| 22.                     | 72063051 | WASHER .38 LOCK ZINC               | 2    |
| 23.                     | 72062103 | NUT .38-16 HEX NYLOC ZINC          | 2    |
| 24.                     | 77040493 | LIGHT-STOP/TURN/TAIL LED 4"        | 2    |
| 25.                     | 77040660 | LIGHT-BACKUP 1 LED 4 INCH ROUND    | 2    |
| 26.                     | 76392275 | GROMMET-RUBBER TAIL LIGHT 4.00     | 4    |
| 27.                     | 72060636 | SCR-MACH #10-24X .75 RDH PH ZINC   | 4    |
| 28.                     | 77040659 | LIGHT-LICENCE PLATE LED 12V SINGLE | 1    |
| REV. L 20180816 CN823-2 |          |                                    |      |

## Electrical Installation (99904088) (Eff. 8-30-13)



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

- 1 LICENSE PLATE KIT 51715985.
- 2 TERMINATE WITH 77044690, 77045887 AND 70394069. GROUND EYELET FROM HARNESS ATTACHES TO ONE OF THE SCREWS.
- 3 CHASSIS GROUND AND BODY GROUND EYELETS FROM LIGHTING HARNESS SHOULD BE ATTACHED TO CHASSIS AND BODY, RESPECTIVELY. USE HARDWARE ITEMS #23, 24, 25, AND 26. DRILL AS NEEDED.
- 4 USE HEATSHRINK 77045926 TO PROTECT UNUSED COMPARTMENT LIGHT CONNECTOR.

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

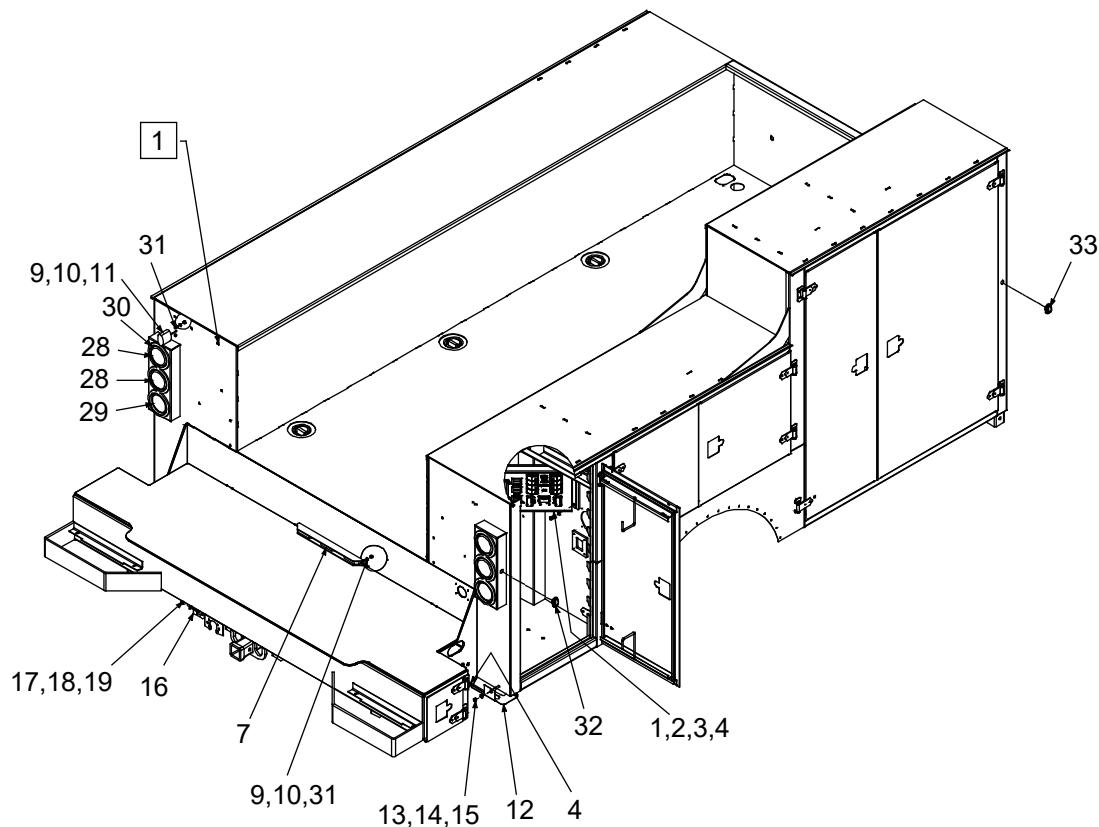
- 1 EXTENSION HARNESS TO FRONT MARKER LIGHT AND FLOODLIGHTS. ONE PER SIDE
- 2 9' HARNESS - 77441128
- 3 11' HARNESS - 77441129
- 4 13', 14' HARNESS - 77441130
- 5 19' HARNESS - 77441432

**99904088 PARTS LIST**

| ITEM | PART #   | DESCRIPTION                          | QUANTITY |
|------|----------|--------------------------------------|----------|
| 1.   | 51720172 | ELECTRICAL PANEL (DOM4)              | 1        |
| 1.   | 51719191 | ELECTRICAL PANEL (DOM1 & DOM2)       | 1        |
| 2.   | 72063050 | WASHER .31 LOCK                      | 4        |
| 3.   | 72060021 | CAP SCR .31-18X .50 HH GR5 Z         | 4        |
| 4.   | 89396626 | EDGING-PLASTIC BLK (DOM IV ONLY)     | A/R      |
| 7.   | 77040483 | LIGHT-3-BAR LED                      | 1        |
| 8.   | 72063000 | WASHER .19 W FLAT ANSI B27.2Z        | 5        |
| 10.  | 72062106 | NUT 10-24 HEX NYLOCK                 | 4        |
| 11.  | 77441004 | LIGHT-LICENSE PLATE                  | 1        |
| 12.  | 60130829 | MTG BRACKET-WIRE HARNESS (DOM IV)    | 2        |
| 12.  | 60120705 | MTG BRKT-WIRE HARNESS (DOM I AND II) | 2        |
| 13.  | 72060025 | CAP SCR .31-18X 1.00 HH GR5 Z        | 6        |
| 14.  | 72063002 | WASHER .31 FLAT                      | 6        |
| 15.  | 72062109 | NUT .31-18 HEX NYLOCK                | 6        |

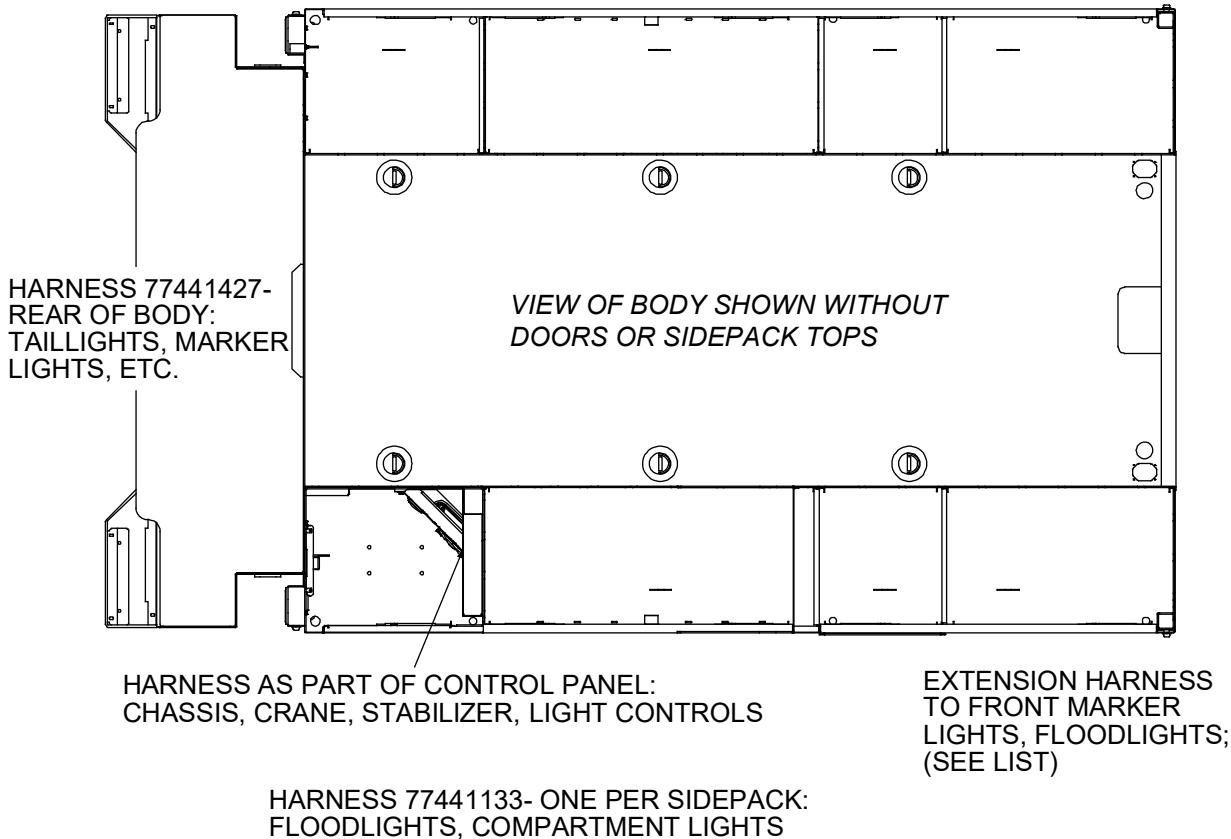
| <b>99904088 PARTS LIST</b> |          |  |          |
|----------------------------|----------|--|----------|
| ITEM                       | PART #   | DESCRIPTION                                  | QUANTITY |
| 16.                        | 77040020 | ALARM-BACK UP HORN                           | 1        |
| 17.                        | 72060005 | CAP SCR .25-20X 1.25 HH GR5 Z (WAS 72060002) | 2        |
| 18.                        | 72063001 | WASHER .25 FLAT                              | 2        |
| 19.                        | 72062104 | NUT .25-20 HEX NYLOCK                        | 2        |
| 20.                        | 77040615 | LIGHT-CLEAR AMBER LED W/GROMMET              | 2        |
| 21.                        | 77040616 | LIGHT-CLEAR RED LED W/GROMMET                | 4        |
| 23.                        | 72060047 | CAP SCR .38-16X 1.25 HH GR5 Z                | 2        |
| 24.                        | 72063003 | WASHER .38 W FLAT ANSI B27.2Z                | 2        |
| 25.                        | 72063051 | WASHER .38 LOCK ZINC                         | 2        |
| 26.                        | 72062103 | NUT .38-16 HEX NYLOC ZINC                    | 2        |
| 28.                        | 77040493 | LIGHT-STOP/TURN/TAIL LED 4in DIA             | 2        |
| 29.                        | 77040180 | LIGHT-BACKUP 4" CLEAR                        | 2        |
| 30.                        | 76392275 | GROMMET-RUBBER TAIL LIGHT 4"                 | 4        |
| 31.                        | 72060636 | SCR-MACH #10-24X .75 RDH PH ZINC             | 4        |
| REV. K 20130719            |          |  |          |

## **Electrical Installation (99904088) (Eff. 9-5-06 thru 8-30-13)**



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

- 1 LICENSE PLATE KIT 51715985. TERMINATE WITH 77044690, 77045887 AND 70394069. GROUND EYELET FROM HARNESS ATTACHES TO ONE OF THE SCREWS.
- 2 CHASSIS GROUND AND BODY GROUND EYELETS FROM LIGHTING HARNESS SHOULD BE ATTACHED TO CHASSIS AND BODY, RESPECTIVELY. USE HARDWARE ITEMS #23, 24, 25, AND 26. DRILL AS NEEDED.
- 3 USE HEATSHRINK 77045926 TO PROTECT UNUSED COMPARTMENT LIGHT CONNECTOR.

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

- 1 EXTENSION HARNESS TO FRONT MARKER LIGHT AND FLOODLIGHTS. ONE PER SIDE
- 2 9' HARNESS - 77441128
- 3 11' HARNESS - 77441129
- 4 13', 14' HARNESS - 77441130
- 5 19' HARNESS - 77441432

**99904088 PARTS LIST**

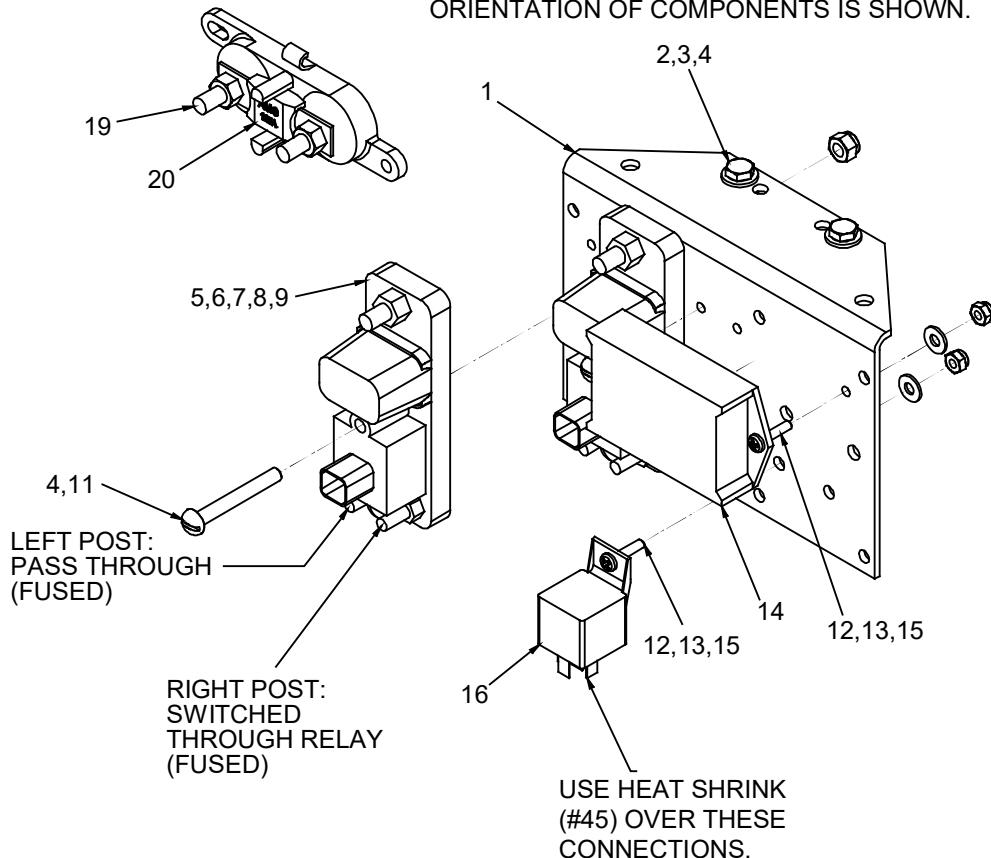
| ITEM | PART #   | DESCRIPTION                      | QUANTITY |
|------|----------|----------------------------------|----------|
| 1.   | 51720172 | ELECTRICAL PANEL (DOM4)          | 1        |
| 1.   | 51719191 | ELECTRICAL PANEL (DOM1 & DOM2)   | 1        |
| 2.   | 72063050 | WASHER .31 LOCK                  | 4        |
| 3.   | 72060021 | CAP SCR .31-18X .50 HH GR5 Z     | 4        |
| 4.   | 89396626 | EDGING-PLASTIC BLK (DOM IV ONLY) | A/R      |
| 7.   | 77040483 | LIGHT-3-BAR LED                  | 1        |
| 8.   | 72063000 | WASHER .19 W FLAT ANSI B27.2Z    | 5        |
| 10.  | 72062106 | NUT 10-24 HEX NYLOCK             | 4        |

| <b>99904088 PARTS LIST</b> |          |   |          |
|----------------------------|----------|---|----------|
| ITEM                       | PART #   | DESCRIPTION                                     | QUANTITY |
| 11.                        | 77441004 | LIGHT-LICENSE PLATE                             | 1        |
| 12.                        | 60130829 | MTG BRACKET-WIRE HARNESS (DOM IV)               | 2        |
| 12.                        | 60120705 | MTG BRKT-WIRE HARNESS (DOM I AND II)            | 2        |
| 13.                        | 72060025 | CAP SCR .31-18X 1.00 HH GR5 Z                   | 6        |
| 14.                        | 72063002 | WASHER .31 FLAT                                 | 6        |
| 15.                        | 72062109 | NUT .31-18 HEX NYLOCK                           | 6        |
| 16.                        | 77040020 | ALARM-BACK UP HORN                              | 1        |
| 17.                        | 72060005 | CAP SCR .25-20X 1.25 HH GR5 Z (WAS 72060002)    | 2        |
| 18.                        | 72063001 | WASHER .25 FLAT                                 | 2        |
| 19.                        | 72062104 | NUT .25-20 HEX NYLOCK                           | 2        |
| 23.                        | 72060047 | CAP SCR .38-16X 1.25 HH GR5 Z                   | 2        |
| 24.                        | 72063003 | WASHER .38 W FLAT ANSI B27.2Z                   | 2        |
| 25.                        | 72063051 | WASHER .38 LOCK ZINC                            | 2        |
| 26.                        | 72062103 | NUT .38-16 HEX NYLOC ZINC                       | 2        |
| 28.                        | 77040493 | LIGHT-STOP/TURN/TAIL LED 4in DIA (WAS 77040432) | 4        |
| 29.                        | 77040180 | LIGHT-BACKUP 4" CLEAR                           | 2        |
| 30.                        | 76392275 | GROMMET-RUBBER TAIL LIGHT 4"                    | 6        |
| 31.                        | 72060636 | SCR-MACH #10-24X .75 RDH PH ZINC                | 4        |
| 32.                        | 77040570 | LIGHT-CLEARANCE RED LED OVAL W/GROMMET          | 2        |
| 33.                        | 77040569 | LIGHT-CLEARANCE AMBER LED OVAL W/GROMMET        | 2        |
| REV. F 20111130            |          |   |          |

## Chassis Electrical Installation (99904034) (Eff. 9-1-06)

IF THE WIRE BETWEEN THE POWER MODULE (#5) AND THE BATTERY IS LONGER THAN 24" INSTALL PARTS #19 AND #20 IN-LINE, AS CLOSE TO THE BATTERY AS POSSIBLE.

EXTRA HARDWARE AND BRACKET (#51) ARE SUPPLIED FOR MOUNTING AS NECESSARY. THE RECOMMENDED ORIENTATION OF COMPONENTS IS SHOWN.

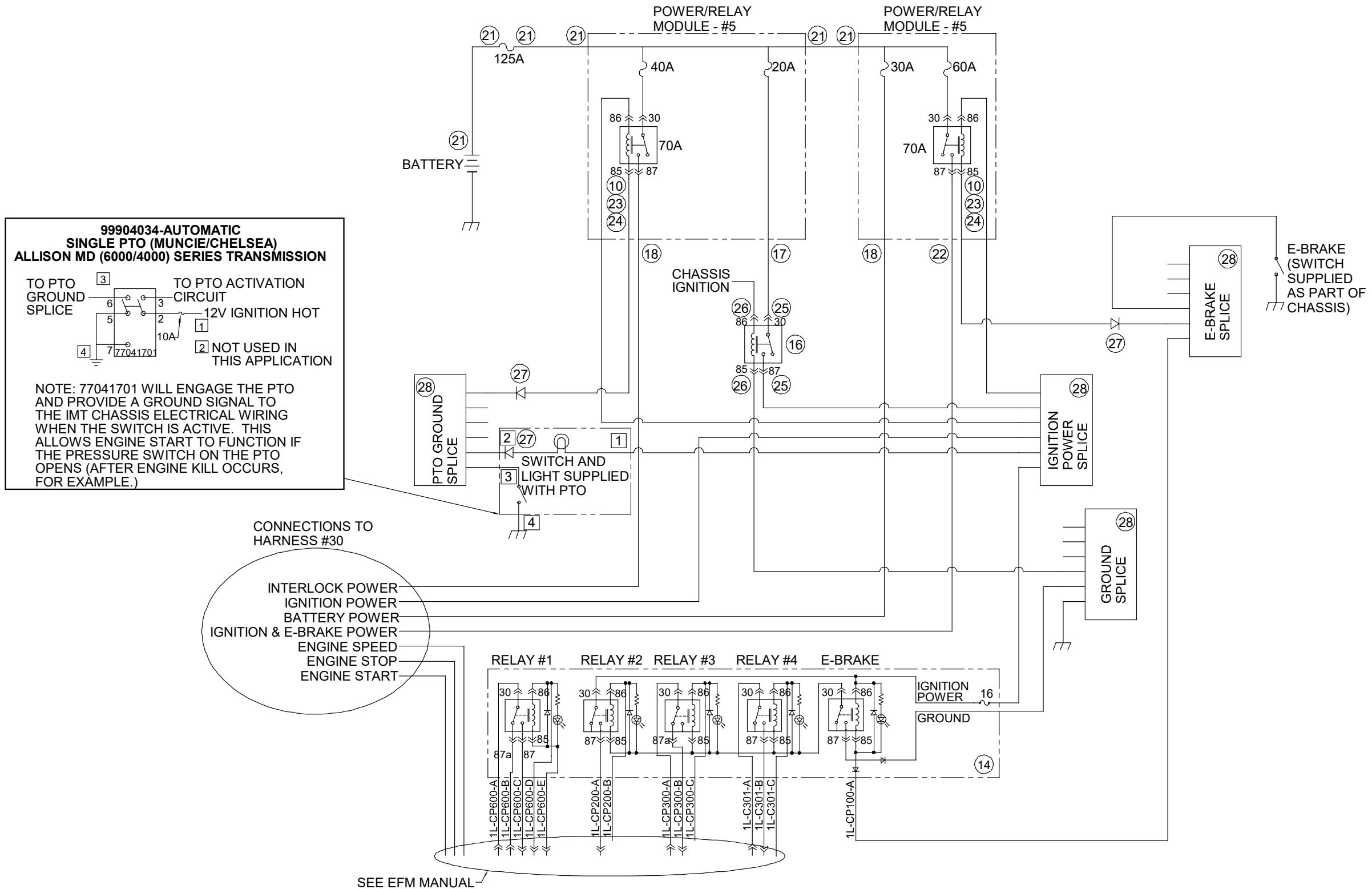


**99904034 PARTS LIST**

| ITEM | PART #   | DESCRIPTION                      | QUANTITY |
|------|----------|----------------------------------|----------|
| 1.   | 60128133 | BRACKET-EFM                      | 1        |
| 2.   | 72060003 | CAP SCR .25-20X .88 HH GR5 Z     | 4        |
| 3.   | 72063001 | WASHER .25 FLAT                  | 4        |
| 4.   | 72062104 | NUT .25-20 HEX NYLOCK            | 6        |
| 5.   | 77040490 | RELAY-12 VOLT POWER RELAY MODULE | 2        |
| 6.   | 77041712 | FUSE-FMX 30 AMP PINK             | 1        |
| 7.   | 77041713 | FUSE-FMX 40 AMP GREEN            | 1        |
| 8.   | 77041711 | FUSE-FMX 20 AMP BLUE             | 1        |
| 9.   | 77041714 | FUSE-FMX 60 AMP YELLOW           | 1        |

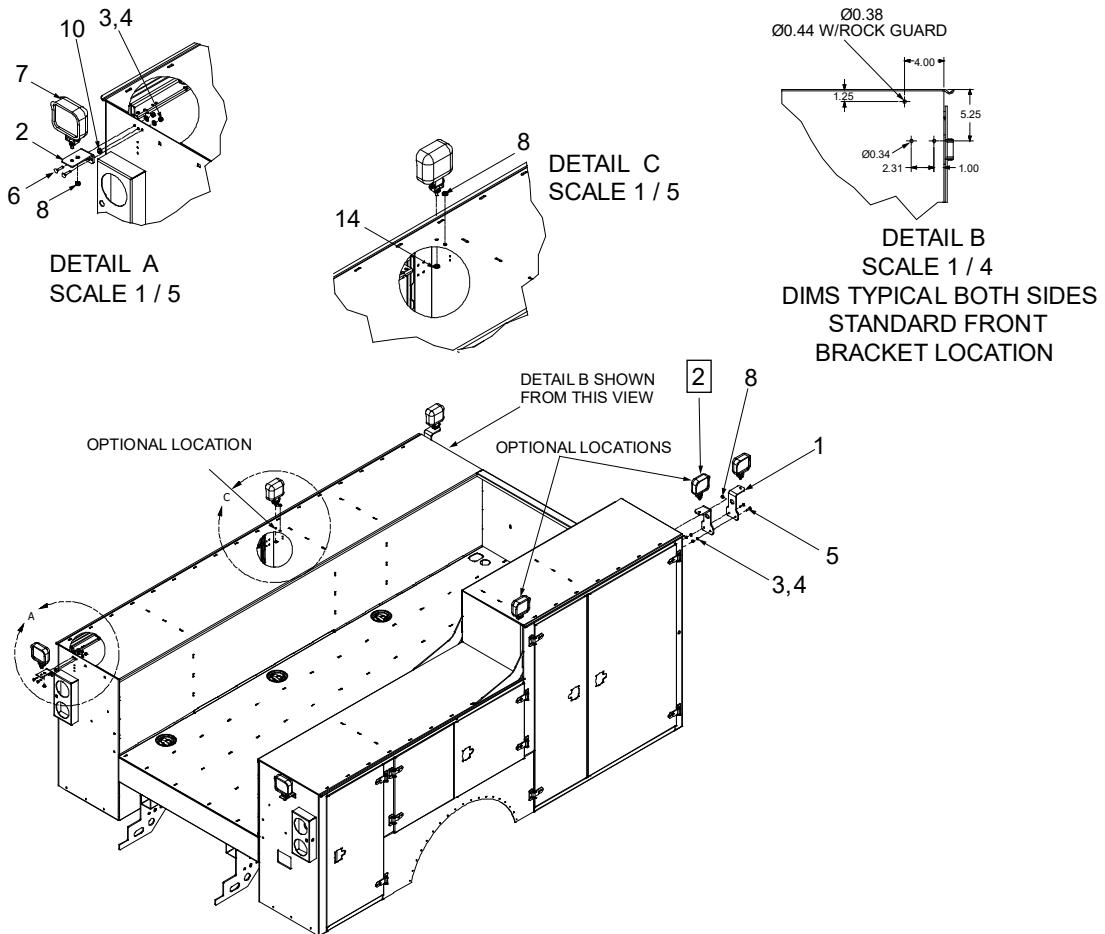
|                |          |   |        |
|----------------|----------|---|--------|
| 10.            | 77040491 | CONNECTOR - 2 CAV FEMALE                | 2      |
| 11.            | 72060654 | SCR-MACH .25-20X 2.00 RDH ZINC          | 2      |
| 12.            | 72062207 | NUT 8-32 HEX NYLOCK                     | 3      |
| 13.            | 72063181 | WASHER-SS 10 WRT TYPE 304               | 3      |
| 14.            | 51717388 | KIT-EFM (ENGINE FUNCTION MODULE)        | 1      |
| 15.            | 72060612 | SCR-MACH # 8-32X .75 RDH                | 3      |
| 16.            | 77041251 | RELAY-12V 30 AMP NOM/40 AMP MAX         | 1      |
| 17.            | 77040053 | TERM-RING I .25 STUD 12-10 GA           | 1      |
| 18.            | 77040354 | TERM-RING NI .25 STUD 8 WIRE            | 2      |
| 19.            | 77441116 | FUSEHOLDER-HIGH AMP2 BOLT WITH COVER    | 1      |
| 20.            | 77441115 | FUSE-AMG-125 AMP                        | 1      |
| 21.            | 77040045 | TERM-RING NI .31 STUD 6 WIRE            | 6      |
| 22.            | 77040492 | TERM-RING NI .25 STUD 6 WIRE            | 1      |
| 23.            | 77045948 | TERM-FEM MP 16-18 AWG                   | 4      |
| 24.            | 77045949 | SEAL-MP RED CABLE SEAL                  | 4      |
| 25.            | 77040137 | TERM-FEM SLIP ON12-10/.25 TAB           | 2      |
| 26.            | 77040186 | TERM-FSLPON I .25TAB 16-14 GA           | 2      |
| 27.            | 51719331 | KIT-DIODE DEUTSCH DT SERIES             | 3      |
| 28.            | 51719332 | KIT-SPLICER METRIPACK 6 PIN             | 4      |
| 29.            | 77044984 | WIRE-6 GA GXL RED                       | A/R    |
| 30.            | 77441199 | HARNESS DOM CHASSIS DOM4                | 1      |
| 30.            | 77441130 | HARNESS DOM CHASSIS DOM1 & DOM2         | 1      |
| 42.            | 89044232 | WIRE-14GA RED STRD TYPE GPT             | A/R    |
| 43.            | 89044274 | WIRE-14GA BLACK STRD TYPE GPT           | A/R    |
| 44.            | 89396659 | TUBE-HEAT SHRINK .38X 2IN DOUBLE WALL   | 8      |
| 45.            | 77045926 | TUBE-HEAT SHRINK-1.5 INCH DUAL WALL 4FT | 0.0833 |
| 46.            | 89393368 | TUBE-HEAT SHRINK .25X 6"LG (OBS)        | 2      |
| 48.            | 77040473 | TERM-RING NI .38 STUD 6 WIRE            | 1      |
| 49.            | 77044651 | TERM-RING .38 STUD 16-14 GA             | 1      |
| 50.            | 89044363 | WIRE-12GA WHITE STRD TYPE GPT           | 4      |
| 51.            | 60025470 | ANGLE-AL .12X1.00X1.00X 4.00            | 1      |
| 52.            | 70034061 | TIES-PLASTIC .18W 12.00L BLACK          | 6      |
| 53.            | 77441110 | CABLE POWER RED #6 X 36                 | 1      |
| REV A 20060922 |          |   |        |

99904034 DRAWING





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



NOTES:

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

OPTIONAL LOCATION FOR RIGHT FRONT FLOOD LIGHT DEPENDENT ON EXHAUST CLEARANCE.

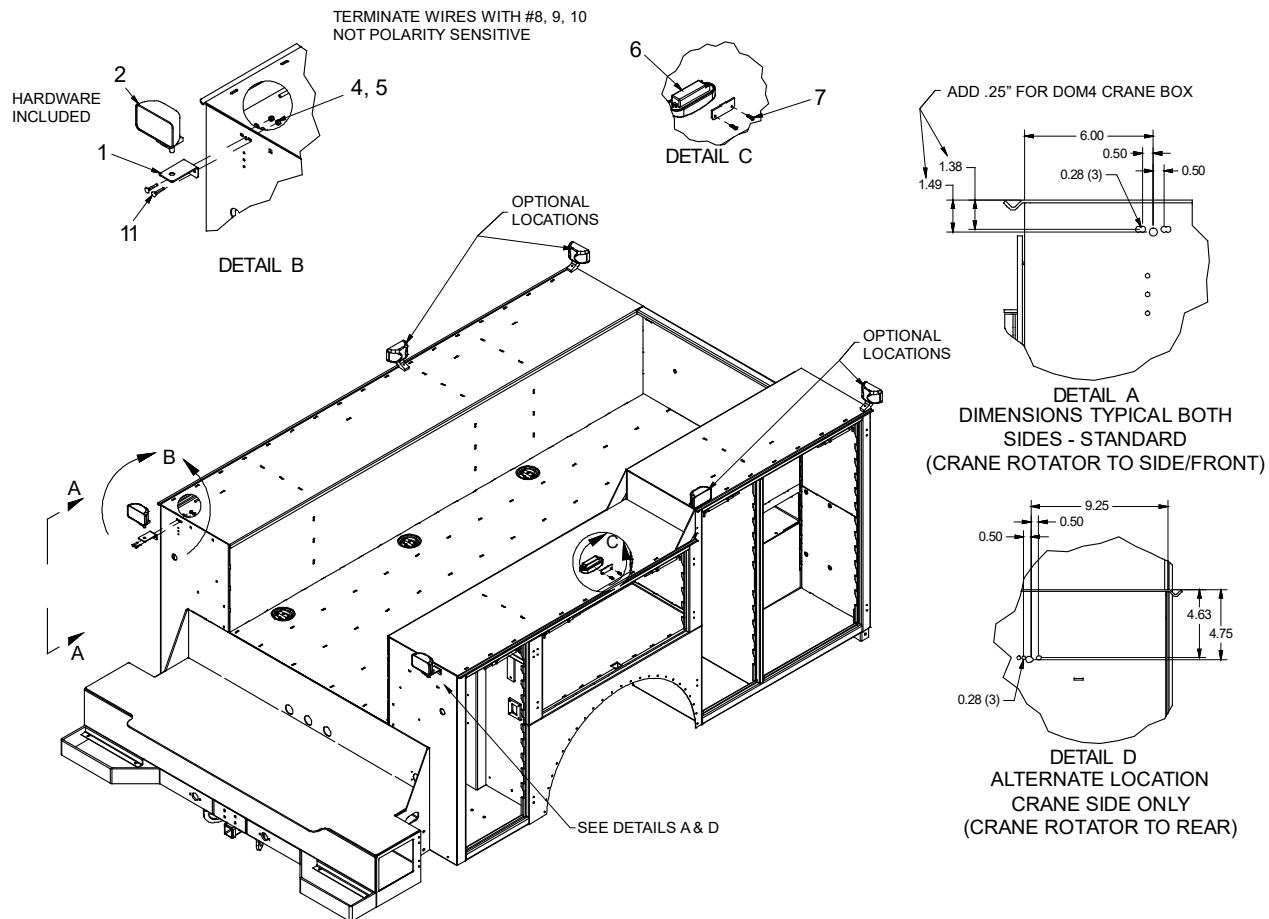
CRANE COMPARTMENT FLOOD LIGHT GROMMET IS ITEM #10.

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

| 99906020 Part List (EFFECTIVE 02/01/16) |          |  |                                       |
|---|----------|--|---------------------------------------|
| ITEM                                    | PART #   | DESCRIPTION                                | FLOOD<br>LIGHT<br>PROPANE<br>51726775 |
| 1                                       | 60138395 | BRACKET-FLOODLIGHT 12V FRONT W-MSTR LOCK   | -                                     |
| 2                                       | 60139526 | BRACKET – FLOOD LIGHT 12V REAR SP          | 1                                     |
| 3                                       | 72062194 | NUT .25-20 HEX SS 18-8 NYLOCK              | 2                                     |
| 4                                       | 76392820 | WASHER – BONDED .25 PLTD                   | 2                                     |
| 5                                       | 72601846 | CAP SCR .25-20X1.25 H H SS 18-8            | -                                     |
| 6                                       | 72602097 | BOLT – CRG .25-18X1.00 SQNK SS             | 2                                     |
| 7                                       | 77040581 | FLOODLIGHT – LED 12-36V DC                 | 2                                     |
| 8                                       | 76399341 | GROMMET – RUBBER .25IDX .44PHDX .19THK     | 1                                     |
| 9                                       | 76399342 | GROMMET – RUBBER .25IDX.44PHDX .25PTHK     | -                                     |
| 10                                      | 76399343 | GROMMET – RUBBER .25IDX.38PHDX.05PTHK      | -                                     |
| 11                                      | 77044574 | CONN – PKRD WEATHERPACK 2 CAV FEMALE/TOWER | 1                                     |
| 12                                      | 77044927 | CABLE SEAL-PKRD WP/MP 14 GA GREY           | 2                                     |
| 13                                      | 77045888 | TERM – PKRD WEATHERPACK 14-16GA FEMALE     | 2                                     |
| 14                                      | 76392598 | WASHER – BONDED .31PLTD                    | -                                     |

REV. E 20160318

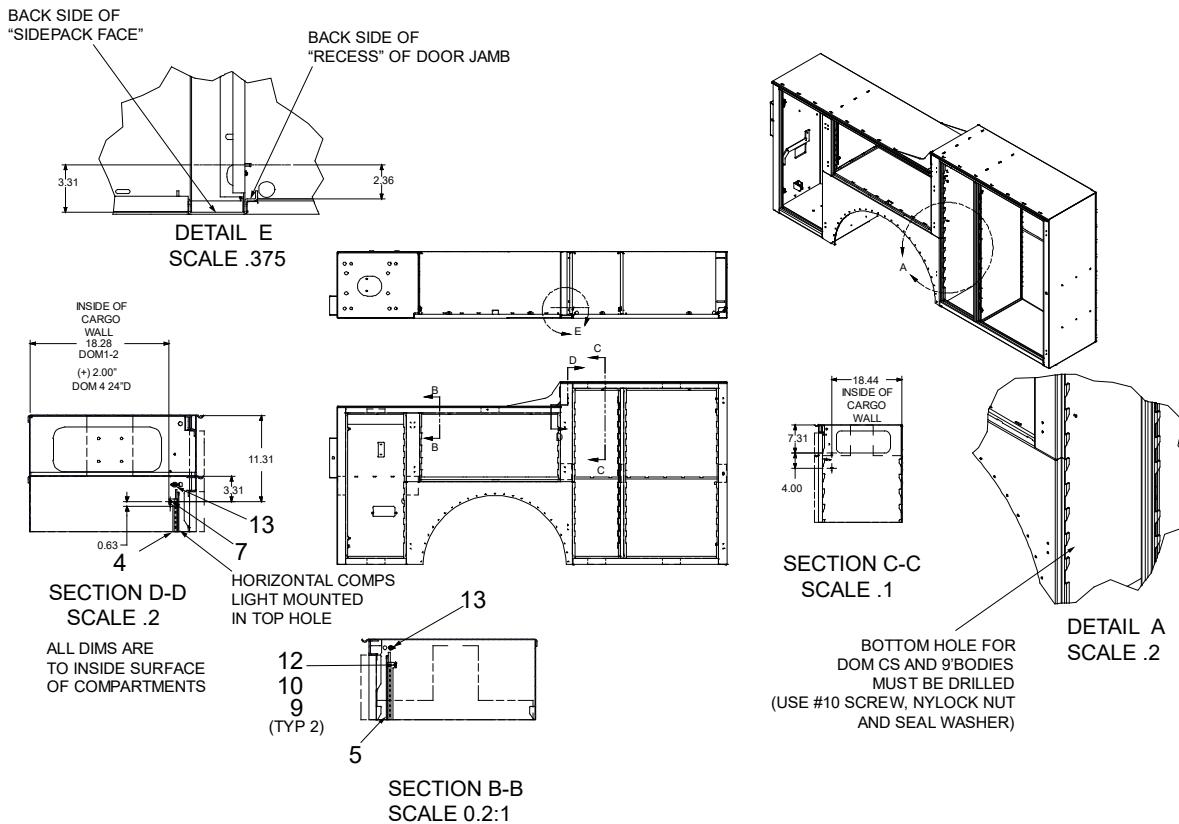
## Light Installation (99903687) (Through 01/29/16)


**99903687 PROPANE BODY LIGHT INSTALLATION (Through 01/29/16)**

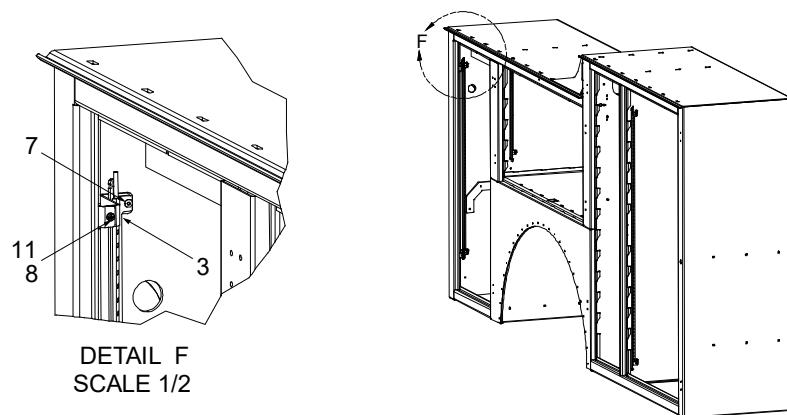
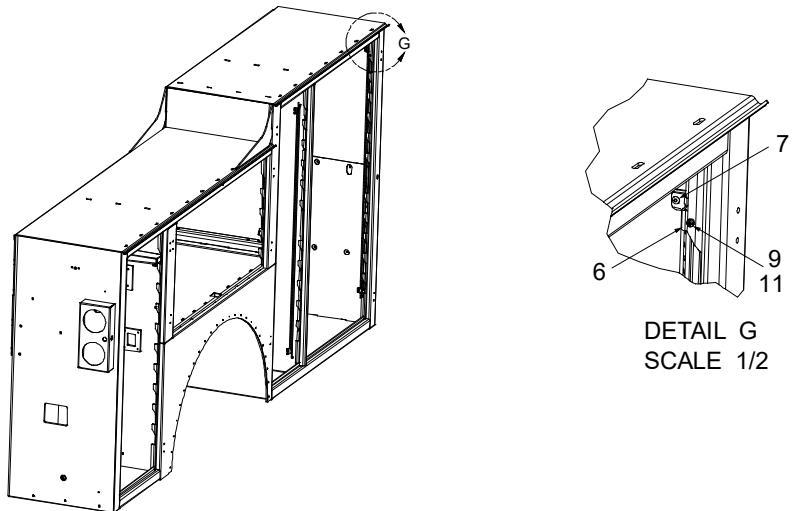
| ITEM | PART #   | DESCRIPTION                                       | 51719193 - 11' COMPARTMENT LIGHTS |
|------|----------|---|-----------------------------------|
| 1.   | 60117375 | BRACKET-FLOODLIGHT 12V REAR SP                    | 2                                 |
| 2.   | 77040424 | FLOODLIGHT-COMPOSITE WORK LAMP                    | 2                                 |
| 4.   | 72063183 | WASHER-SS .25 W MS811 FLAT 18-8                   | 4                                 |
| 5.   | 72062194 | NUT-SS .25-20 NYLOC                               | 4                                 |
| 6.   | 77040384 | LIGHT-COMPARTMENT 12V 2.1AMP                      | 7                                 |
| 7.   | 72617558 | SCR-SELF TAP-SS #10X .50 HH SLOT                  | 14                                |
| 8.   | 77044574 | CONN-2 CAV TOWER                                  | 2                                 |
| 9.   | 77045888 | TERM-14-16GA FEMALE                               | 4                                 |
| 10.  | 77044927 | CABLE SEAL-14 GA GREY                             | 4                                 |
| 11.  | 72602098 | BOLT-CARRIAGE .25X 1.25 SQNK SS<br>(was 72601046) | 4                                 |

REV. F 20140613

# **Light Kit Installation (99905850) Effective 2/1/16**



**99905850-2**



| <b>99905850 PARTS LIST (EFFECTIVE 02/01/16)</b> |          |                                      |     |
|---|----------|--------------------------------------|-----|
| 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 |

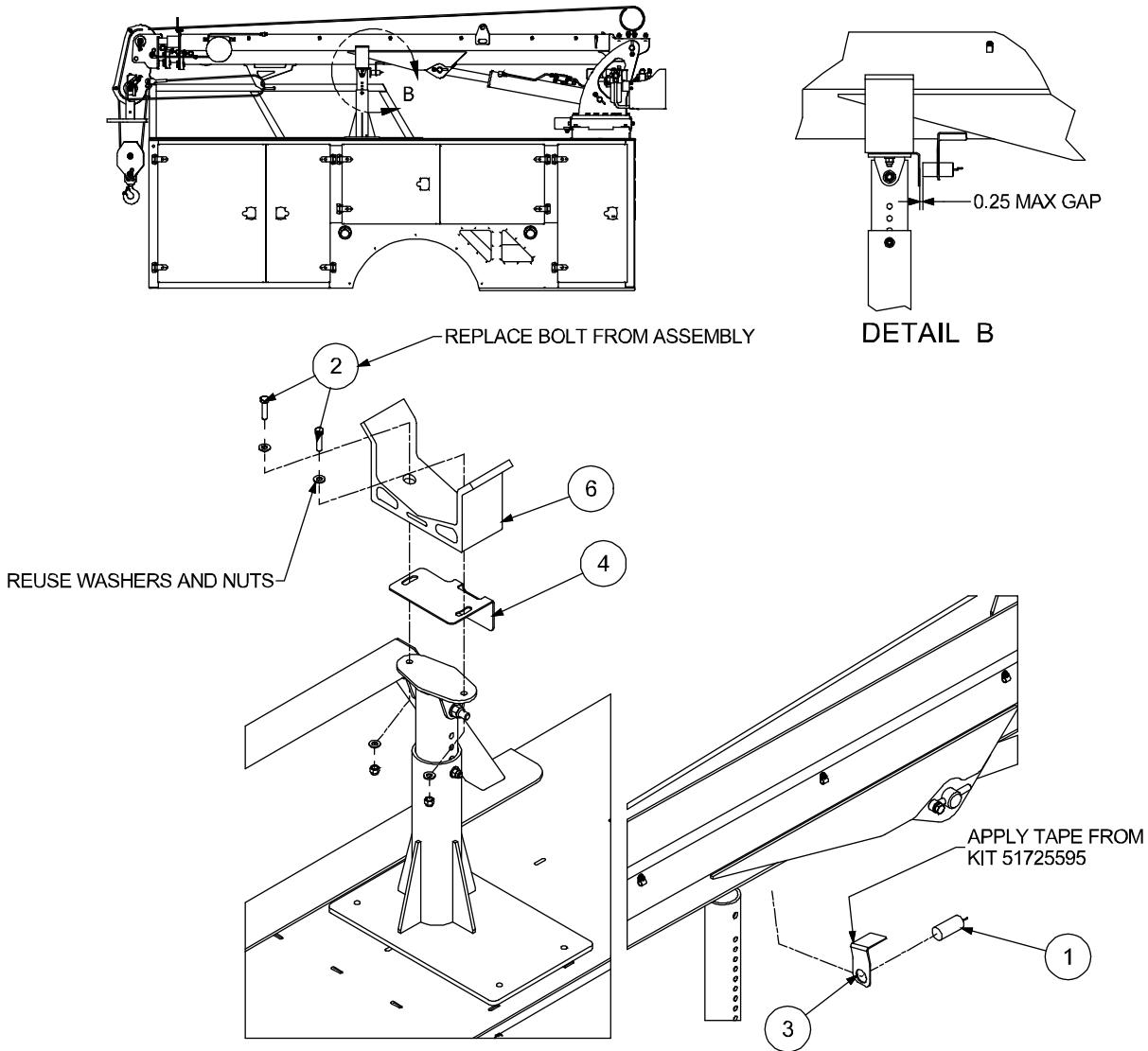
**99905850 PARTS LIST (EFFECTIVE 02/01/16)**

| ITEM            | PART NO. | DESCRIPTION                            | QTY |
|-----------------|----------|--|-----|
| 10              | 72063000 | WASHER .19 W FLAT ANSI B27.2Z          | A/R |
| 11              | 72063047 | WASHER #10 LOCK                        | A/R |
| 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 Installation (99905850) (Effective 02/01/16)**

|                         | 18" LED<br>Light Bar<br>RH<br>51726294 | 18" LED<br>Light Bar<br>LH<br>51726293 | 36" LED<br>Light Bar<br>RH<br>51726296 | 36" LED<br>Light Bar<br>LH<br>51726295 | 48" LED<br>Light Bar<br>RH<br>51726298 | 48" LED<br>Light Bar<br>LH<br>51726297 | Total<br>Lights | Light Kit # |
|-------------------------|--|--|--|--|--|--|-----------------|-------------|
| DOMCS-11' All<br>Raised | 2                                      | 2                                      | 3                                      | 2                                      | -                                      | -                                      | 9               | 51726752    |
| Crane Compt RH          | -                                      | -                                      | -                                      | 1                                      | -                                      | -                                      | 1               | 51726753    |
| Crane Compt LH          | -                                      | -                                      | 1                                      | -                                      | -                                      | -                                      | 1               | 51726774    |

## INSTALL BOOM SUPPORT (99905654)



### PARTS IN KIT 51725595

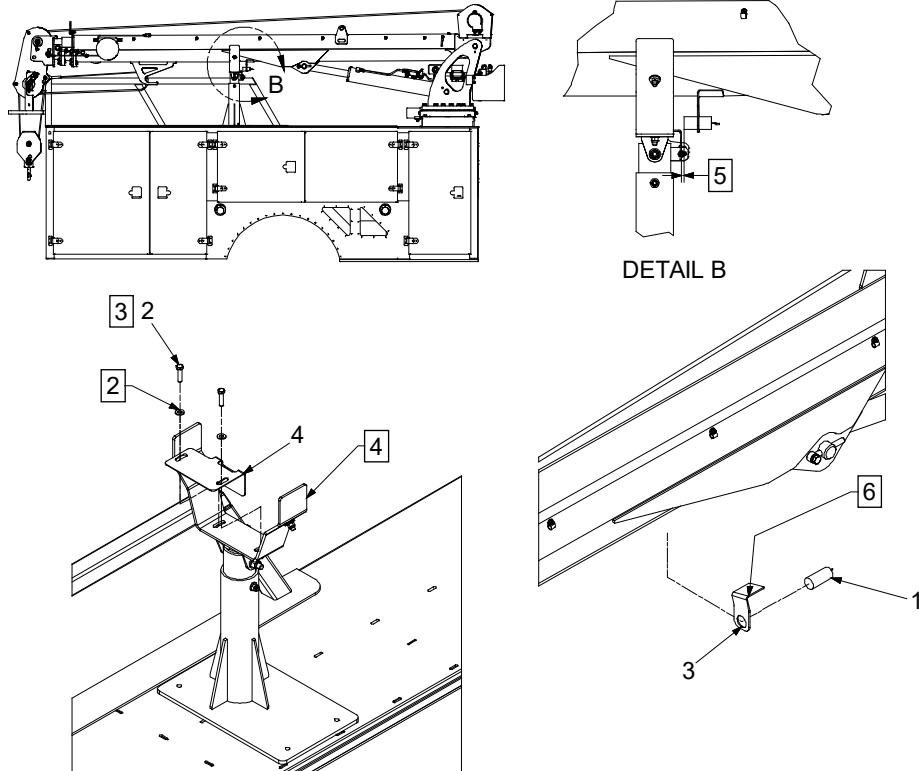
**NOTE:** Clean stow sensor bracket and mating area of boom with isopropyl alcohol or equivalent prior to installing tape.

| Item No. | Part No. | Description                           | Qty. |
|----------|----------|---------------------------------------|------|
| 1.       | 51725596 | SENSOR-PROX 30MM 3-WIRE PROPANE-6000  | 1    |
| 2.       | 72060048 | CAP SCR .38-16X 1.50 HH GR5 Z         | 2    |
| 3.       | 60141477 | BRACKET - BOOM STOW SENSOR            | 1    |
| 4.       | 60141476 | BRACKET - BOOM STOW TARGET            | 1    |
| 5.       | 60145214 | TUBE - BOOM SUPPORT INNER (SHORT)     | 1    |
| 6.       | 60399969 | SADDLE - BOOM SUPPORT 4.0" (URETHANE) | 1    |

REV. C 20200701



## INSTALL BOOM SUPPORT (99905654)



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

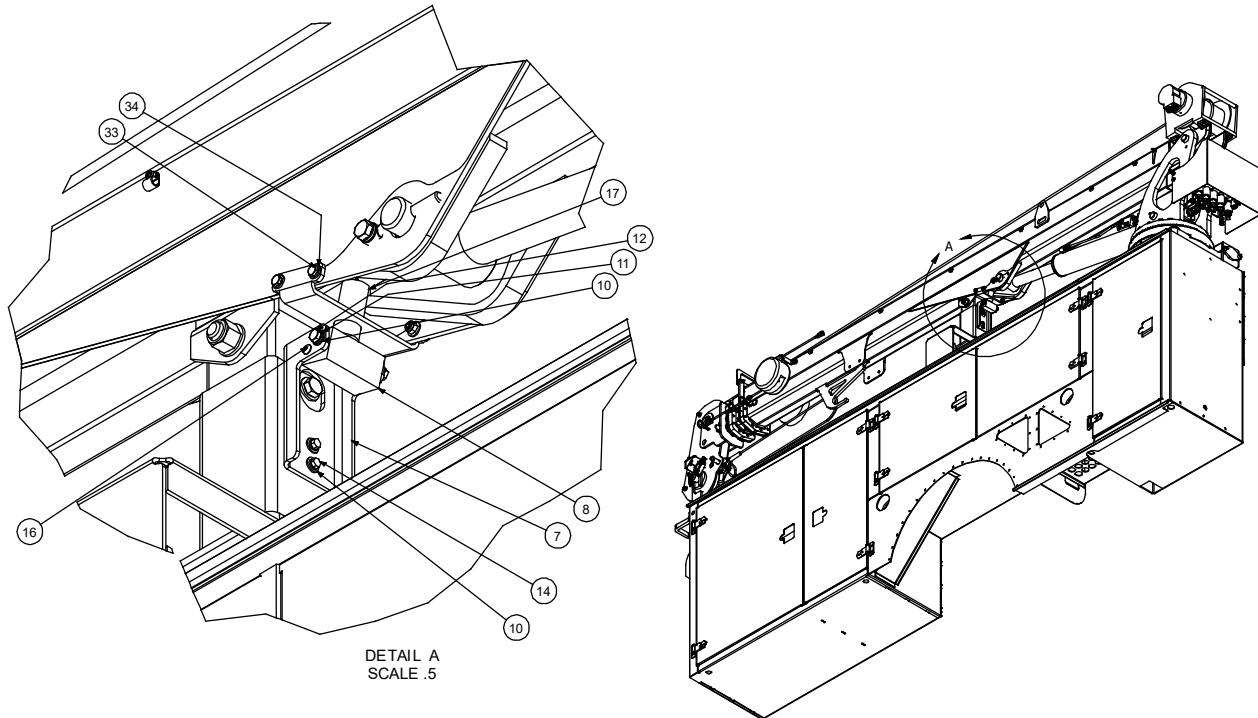
- 1 CLEAN STOW SENSOR BRACKET AND MATING AREA OF BOOM WITH ISOPROPYL ALCOHOL OR EQUIVALENT PRIOR TO INSTALLING TAPE
- 2 REUSE WASHERS AND NUTS
- 3 REPLACE BOLT FROM ASSEMBLY
- 4 RUBBER BELT REMOVED FOR CLARITY
- 5 0.25 MAX GAP
- 6 APPLY TAPE FROM KIT 51725595

### INSTALL BOOM SUPPORT PARTS LIST 99905654

| ITEM | PART #   | DESCRIPTION                          | QTY |
|------|----------|--------------------------------------|-----|
| 1    | 51725596 | SENSOR-PROX 30MM 3-WIRE PROPANE-6000 | 1   |
| 2    | 72060048 | CAP SCR .38-16X 1.50 HH GR5 Z        | 2   |
| 3    | 60141477 | BRACKET - BOOM STOW SENSOR           | 1   |
| 4    | 60141476 | BRACKET - BOOM STOW TARGET           | 1   |

REV. B 20130413

## Installation, Boom Support Sensor 6000 SIII Crane (99905646)



### **⚠ CAUTION**

If crane is not stowed, vehicle will not shift out of PARK. Stow crane to unlock gear shift.

#### NOTES:

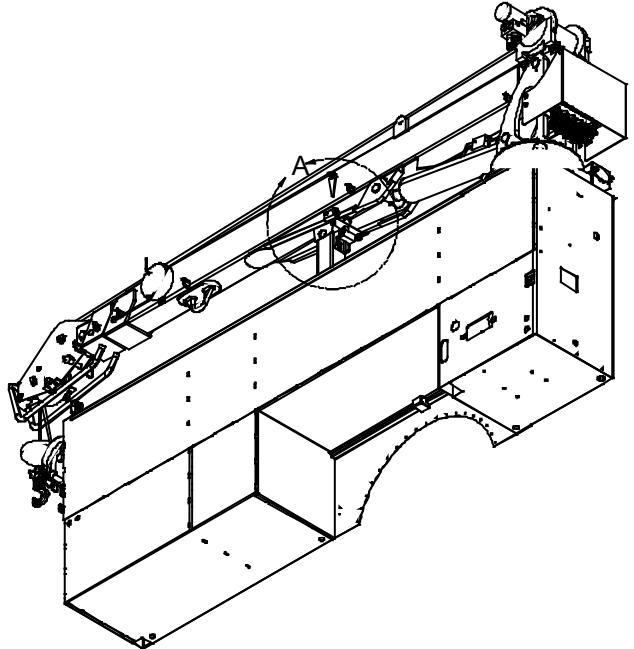
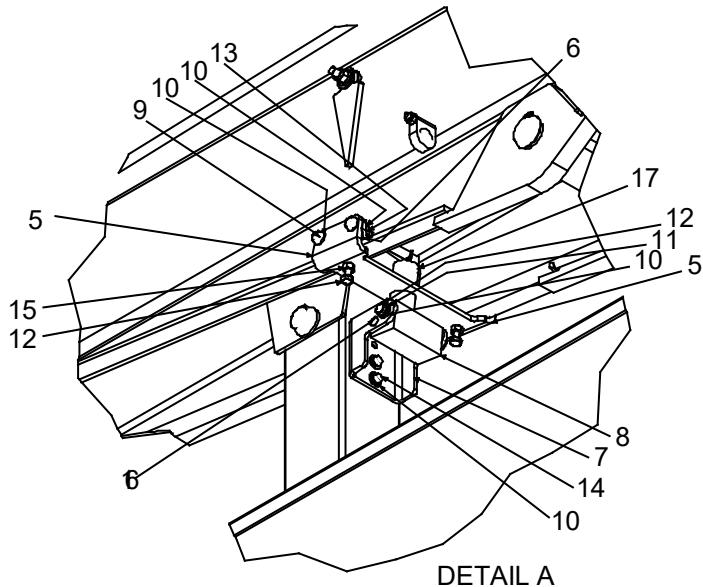
- 1 Center support #5 (60135456) over bar #8 (60135459).
- 2 Position bar#8 (60135459) parallel with support #5 (60135456).
- 3 Drill and tap bar #8 (60135459) for machinery screw #16 (1/4-20) (72601410).

#### 99905646 PARTS LIST

| ITEM | PART #   | DESCRIPTION                               | QUANTITY |
|------|----------|---|----------|
| 7.   | 60141353 | BRACKET-BOOM STOWE SENSOR ON BOOM SUPPORT | 1        |
| 8.   | 60135459 | BAR-BOOM STOWE SENSOR ON BOOM SUPPORT     | 1        |
| 10.  | 72063002 | WASHER .31 FLAT                           | 5        |
| 11.  | 72063050 | WASHER .31 LOCK                           | 2        |
| 12.  | 72060025 | CAP SCR .31-18X 1.00 HH GR5 Z             | 2        |
| 14.  | 72060833 | SCR-THRD.CUT .31-18X.75 HWH-1             | 2        |
| 16.  | 72601410 | SCR-MACH .25-20X .75 BTNHD ZC             | 1        |
| 17.  | 77041744 | SENSOR-PROX 30MM 3-WIRE NC PNP 10MM REAC  | 1        |
| 21.  | 99905420 | DWG-CRANE ASM 6000S                       | 1        |
| 22.  | 99904484 | D(II)- SIDEPACK LH 11' STD W-CRANE        | 1        |

| <b>99905646 PARTS LIST</b> |                |   |          |
|----------------------------|----------------|---|----------|
| ITEM                       | PART #         | DESCRIPTION                               | QUANTITY |
| 23.                        | 99905646-23757 | DS3 -BOOM SUPT-ADJ                        | 1        |
| 24.                        | 60133922       | BAR-.25X 4.00X 81.00                      | 1        |
| 25.                        | 60133914       | TUBE-SQ 2.00X 2.00X.12X 16.81 ANGLE CUT   | 2        |
| 26.                        | 60133916       | TUBE-SQ 2.00X 2.00X.12X 15.62             | 1        |
| 27.                        | 60133915       | TUBE-SQ 2.00X 2.00X.12X 68.15 ANGLE CUT   | 1        |
| 28.                        | 60111508       | SHEET-10GA X 1.75 X 1.75                  | 1        |
| 30.                        | 60133950       | SHEET-10GA X 1.75 X 2.00                  | 1        |
| 31.                        | 52723167       | WLDMNT-LOWER BOOM 7500-8600S              | 1        |
| 32.                        | 60141354       | SUPPORT-BOOM STOWE SENSOR ON BOOM SUPPORT | 1        |
| 33.                        | 72060004       | CAP SCR .25-20X 1.00 HH GR5 Z             | 4        |
| 34.                        | 72063001       | WASHER .25 FLAT                           | 7        |
| 35.                        | 72062104       | NUT .25-20 HEX NYLOCK                     | 4        |
| NEW 20130607               |                |   |          |

## Installation, Boom Support Sensor 2820 & 3820 Cranes (99904857)



### **CAUTION**

If crane is not stowed, vehicle will not shift out of PARK. Stow crane to unlock gear shift.

#### NOTES:

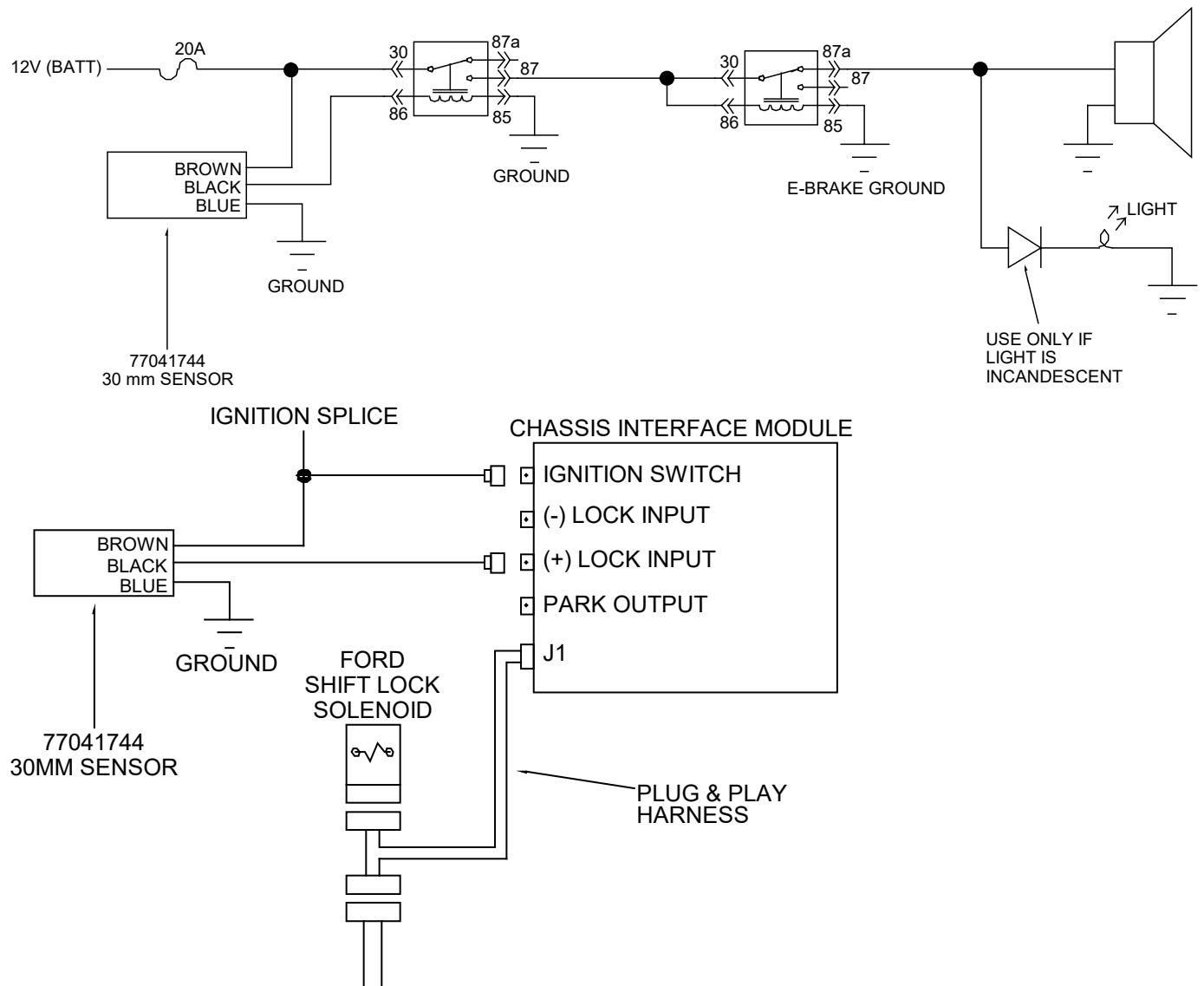
- 1 Center support #5 (60135456) over bar #8 (60135459).
- 2 Position bar#8 (60135459) parallel with support #5 (60135456).
- 3 Drill and tap bar #8 (60135459) for machinery screw #16 (1/4-20) (72601410).

#### 99904857 PARTS LIST

| ITEM | PART #   | DESCRIPTION                                       | QUANTITY |
|------|----------|---|----------|
| 1.   | 99903777 | SIDEPACK, DOM 1 11-FOOT RIGHT HORIZONTAL STANDARD | 1        |
| 2.   | 99903684 | DRAWING-CRANE & PLN WINCH ASY 3820/5020 SII       | 1        |
| 3.   | 51718848 | BOOM SUPPORT-ADJUSTABLE - 3820/5020/6025          | 1        |
| 4.   | 52718849 | PEDESTAL-WELDMENT ADJ 3.5X3.5X16.88               | 1        |
| 5.   | 60135456 | SUPPORT-BOOM STOW SENSOR ON BOOM SUPPORT          | 1        |
| 6.   | 60135457 | ANGLE-BOOM STOW SENSOR ON BOOM SUPPORT            | 2        |
| 7.   | 60135458 | BRACKET-BOOM STOW SENSOR ON BOOM SUPPORT          | 1        |
| 8.   | 60135459 | BAR-BOOM STOW SENSOR ON BOOM SUPPORT              | 1        |
| 9.   | 72060026 | CAP SCREW .31-18X 1.25 HH GR5 Z                   | 4        |
| 10.  | 72063002 | WASHER .31 FLAT                                   | 12       |
| 11.  | 72063050 | WASHER .31 LOCK                                   | 2        |
| 12.  | 72060025 | CAP SCREW .31-18X 1.00 HH GR5 Z                   | 4        |
| 13.  | 72062109 | NUT .31-18 HEX NYLOCK                             | 4        |

| 99904857 PARTS LIST |          |                                  |          |
|---------------------|----------|----------------------------------|----------|
| ITEM                | PART #   | DESCRIPTION                      | QUANTITY |
| 14.                 | 72060833 | SCREW-THR'D.CUT .31-18X.75 HWH-1 | 2        |
| 15.                 | 72062001 | NUT .31-18 HEX                   | 2        |
| 16.                 | 72601410 | SCREW-MACH .25-20X .75 BTNHD ZC  | 1        |
| 17.                 | 77041744 | SENSOR-PROX 30MM 3-WIRE NC       | 1        |
| NEW 20100325        |          |                                  |          |

## Boom Stow Circuit (99904784)



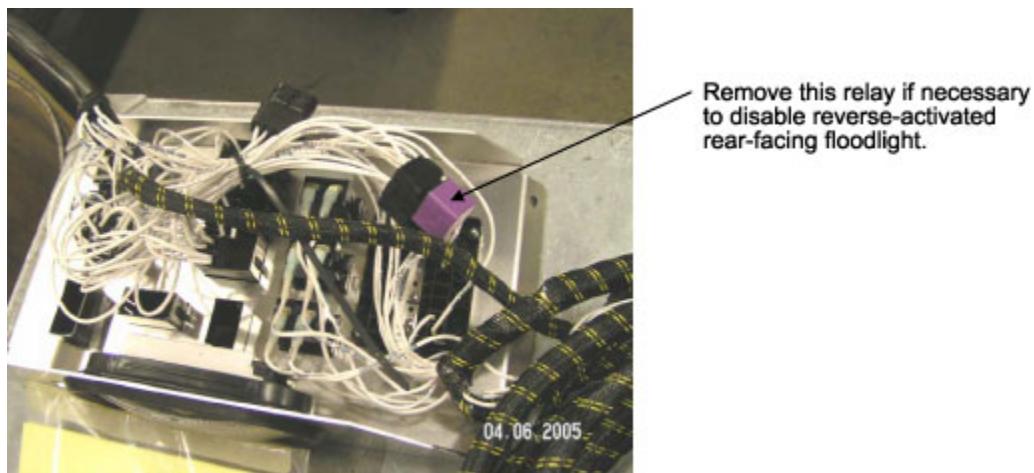
## By-Pass Procedure for Reverse Activated Floodlights

A floodlight installed on the rear driver's side of the body will illuminate when the chassis transmission is in reverse.

**NOTE:**

Some state and local laws prohibit reverse-activated rear-facing floodlights. Consult your local and state regulations regarding reverse-activated, rear-facing floodlights. Disable if necessary.

To disable, remove the relay located behind the crane box switch panel as shown.



## 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

| <b>LIGHT REEL KIT - 12 VOLT (51707758)</b>               |          |                               |                  |                   |                          |
|--|----------|-------------------------------|------------------|-------------------|--------------------------|
| <b>LIGHT REEL KIT - 110 VOLT - LIGHT DUTY (51707759)</b> |          |                               |                  |                   |                          |
| <b>LIGHT REEL KIT - 110 VOLT W/50' CORD (51712724)</b>   |          |                               |                  |                   |                          |
| 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 1/4-20X3/4 HH GR 5    | 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                        |

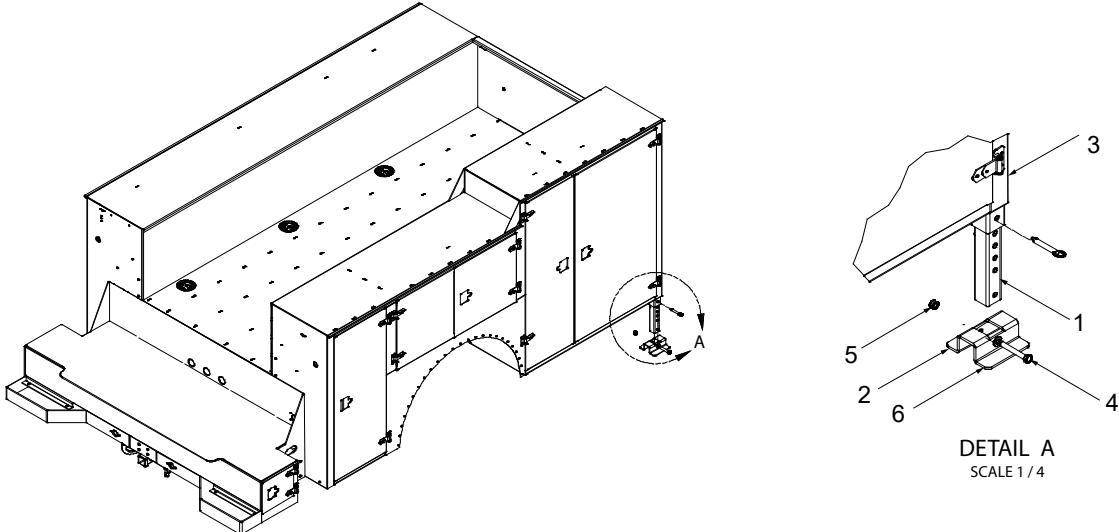
## CHAPTER 6

# Stabilizers

## In This Chapter

|   |     |
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## Propane Front Stabilizers (99903671)



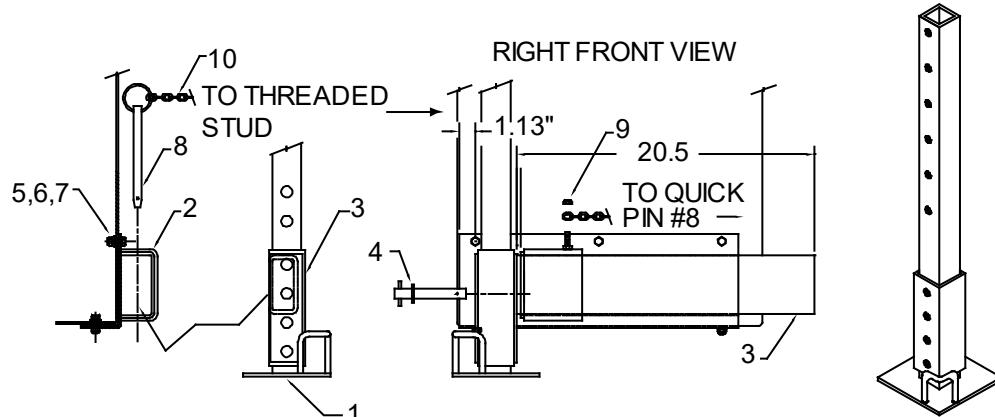
PARTS ARE UNIVERSAL FOR RIGHT OR LEFT SIDE INSTALLATION

### 51718827 / 99903671 PARTS LIST

| ITEM | PART #   | DESCRIPTION                      | QTY |
|------|----------|----------------------------------|-----|
| 1.   | 60126320 | D (II) OUTRG FRT TUBE EXT        | 1   |
| 2.   | 60126321 | D (II) OUTRG FRT BTM PAD         | 1   |
| 3.   | 71732054 | PIN-QUICK RLSE .50/2.5 CRIT RNG  | 1   |
| 4.   | 72601582 | CAP SCR .50 – 13 X 3.50 HH GR8 Z | 1   |
| 5.   | 72062232 | NUT .50 – 13 HEX TOP LOCK GR8 Z  | 1   |
| 6.   | 72063132 | WASHER .50 FLAT ASTM F436        | 2   |

REV. B 20160113

## Stabilizer, Front Right Pull-Out (51714110)



**51714110 PARTS LIST**

| ITEM | PART #   | DESCRIPTION                  | QUANTITY |
|------|----------|------------------------------|----------|
| 1.   | 52714182 | STABILIZER LEG               | 1        |
| 2.   | 52715282 | STABILIZER HOUSING, PULL-OUT | 1        |
| 3.   | 52715283 | STABILIZER ARM               | 1        |
| 4.   | 71731372 | PIN, QUICK RELEASE           | 1        |
| 5.   | 72060046 | CAP SCR 3/8-16X1 HHGR5       | 5        |
| 6.   | 72062103 | NUT 3/8-16 LOCK              | 5        |
| 7.   | 72063003 | WASHER 3/8 LOCK              | 5        |
| 8.   | 71733327 | PIN, QUICK-RELEASE           | 1        |
| 9.   | 72062104 | NUT 1/4-20 HEX NYLOC         | 1        |
| 10.  | 60114940 | CHAIN - 1/8X9"               | 1        |

REV. E 20040114

For front left side, use pull-out stabilizer kit 51716730.

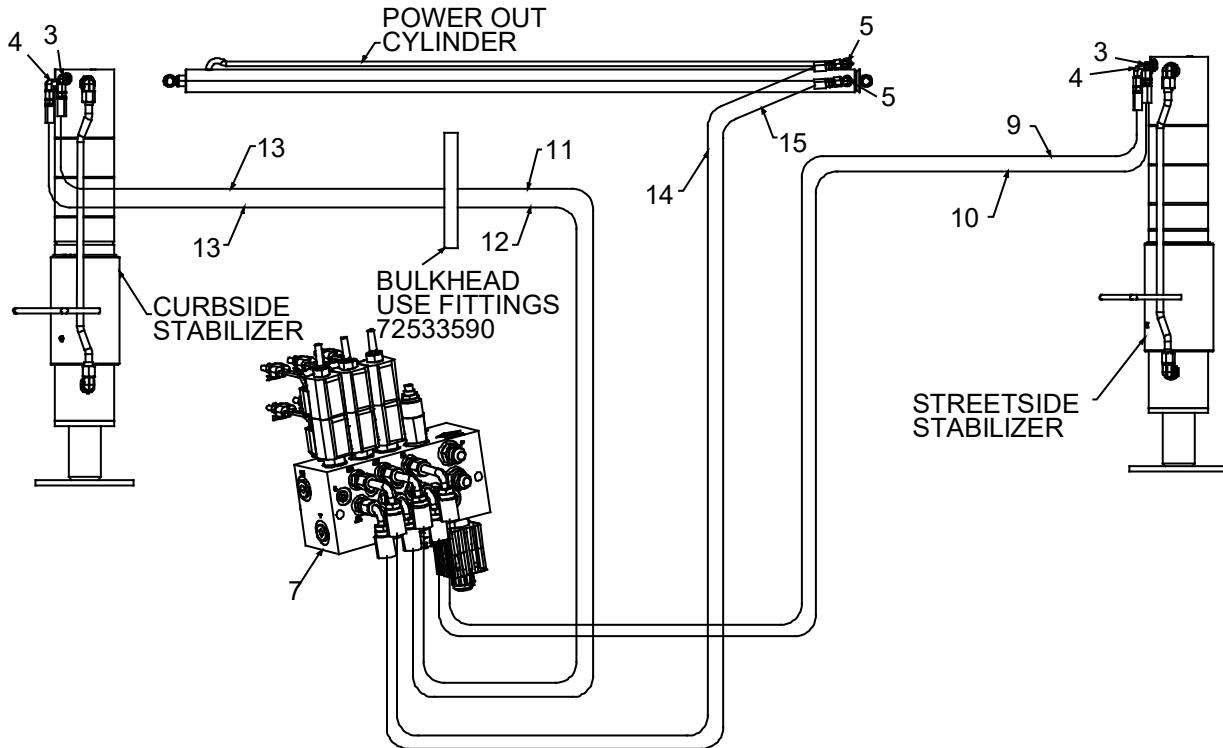
Replacement parts are the same as for 51714110 except:

**51716730 PARTS LIST**

| ITEM | PART #   | DESCRIPTION                      | QUANTITY |
|------|----------|----------------------------------|----------|
| 2.   | 52716731 | STABILIZER HOUSING, PULL-OUT, LH | 1        |
| 3.   | 52716732 | STABILIZER ARM, LH               | 1        |

## Stabilizer Hydraulic Installation (99904403)

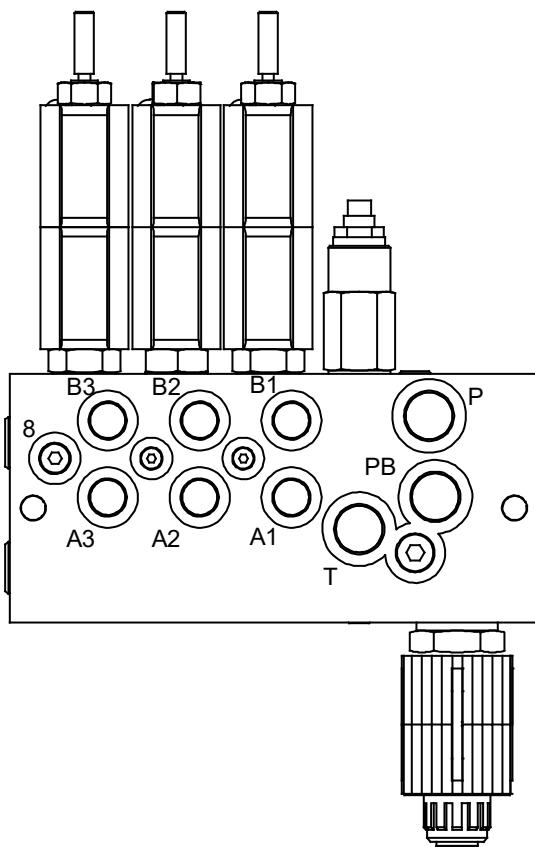
### 99904403-1 Drawing



**99904403-1 PARTS LIST**

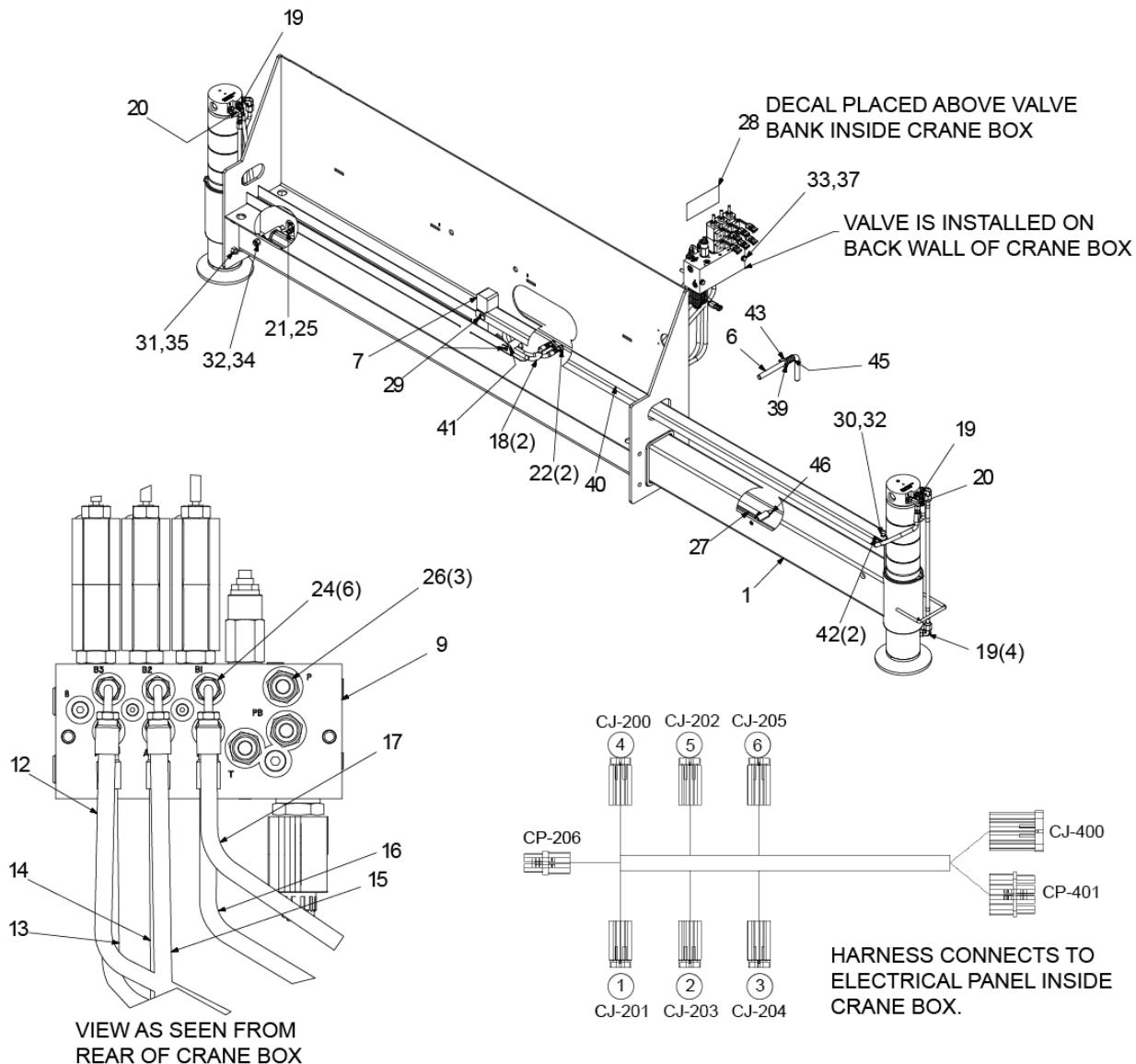
| ITEM         | PART #   | DESCRIPTION                                  | QUANTITY |
|--------------|----------|--|----------|
| 1.           | 51720994 | KIT HOSE MANUAL OUT HYD STABILIZERS          | REF      |
| 2.           | 51720995 | KIT HOSE POWER OUT HYD STABILIZERS           | REF      |
| 3.           | 72053758 | ELBOW-M STR/90/M JIC 4 4                     | 2        |
| 4.           | 72533567 | ELBOW-M STR/M JIC XLG 4 4                    | 2        |
| 5.           | 72532690 | ELBOW-M JIC/90/F JIC SW 4 4                  | 2        |
| 6.           | 72533590 | ELBOW-M JIC/90/M JIC 4 4 BLKHD               | 2        |
| 7.           | 73734229 | VALVE BANK 3 SEC W/SOLENOIDS DOM STABILIZERS | 1        |
| 8.           | 73734228 | VALVE BANK 2 SEC W-SOLENOIDS DOM STABILIZERS | 1        |
| 9.           | 51397099 | HOSE-FZ .25 X 108.00 (4-6) 100R17            | 1        |
| 10.          | 51397096 | HOSE-FJ .25 X 107.50 (4-6) 100R17            | 1        |
| 11.          | 51397098 | HOSE-FZ .25 X 42.00 (4-6) 100R17             | 1        |
| 12.          | 51397097 | HOSE-FJ .25 X 38.00 (4-6) 100R17             | 1        |
| 13.          | 51396821 | HOSE-FF .25 X 96.00 (4-4) 100R2              | 1        |
| 14.          | 51397101 | HOSE-FZ .25 X 82.00 (4-6) 100R17             | 1        |
| 15.          | 51397100 | HOSE-FJ .25 X 82.00 (4-6) 100R17             | 1        |
| NEW 20080613 |          |  |          |

## 99904403-2 Drawing



| ITEM | DESCRIPTION                     | PORT SIZE |
|------|---------------------------------|-----------|
| B3   | POWER OUT CYLINDER RETURN       | -6        |
| A3   | POWER OUT CYLINDER PRESSURE     | -6        |
| B2   | CURB SIDE POWER DOWN RETURN     | -6        |
| A2   | CURB SIDE POWER DOWN PRESSURE   | -6        |
| B1   | STREET SIDE POWER DOWN RETURN   | -6        |
| A1   | STREET SIDE POWER DOWN PRESSURE | -6        |
| T    | TANK PORT                       | -8        |
| PB   | POWER BEYOND PORT               | -8        |
| P    | PRESSURE PORT                   | -8        |

## Rear Stabilizers, Power Out/Power Down (Kit 31719661 / Dwg 99904262)(Eff. 3/29/13)

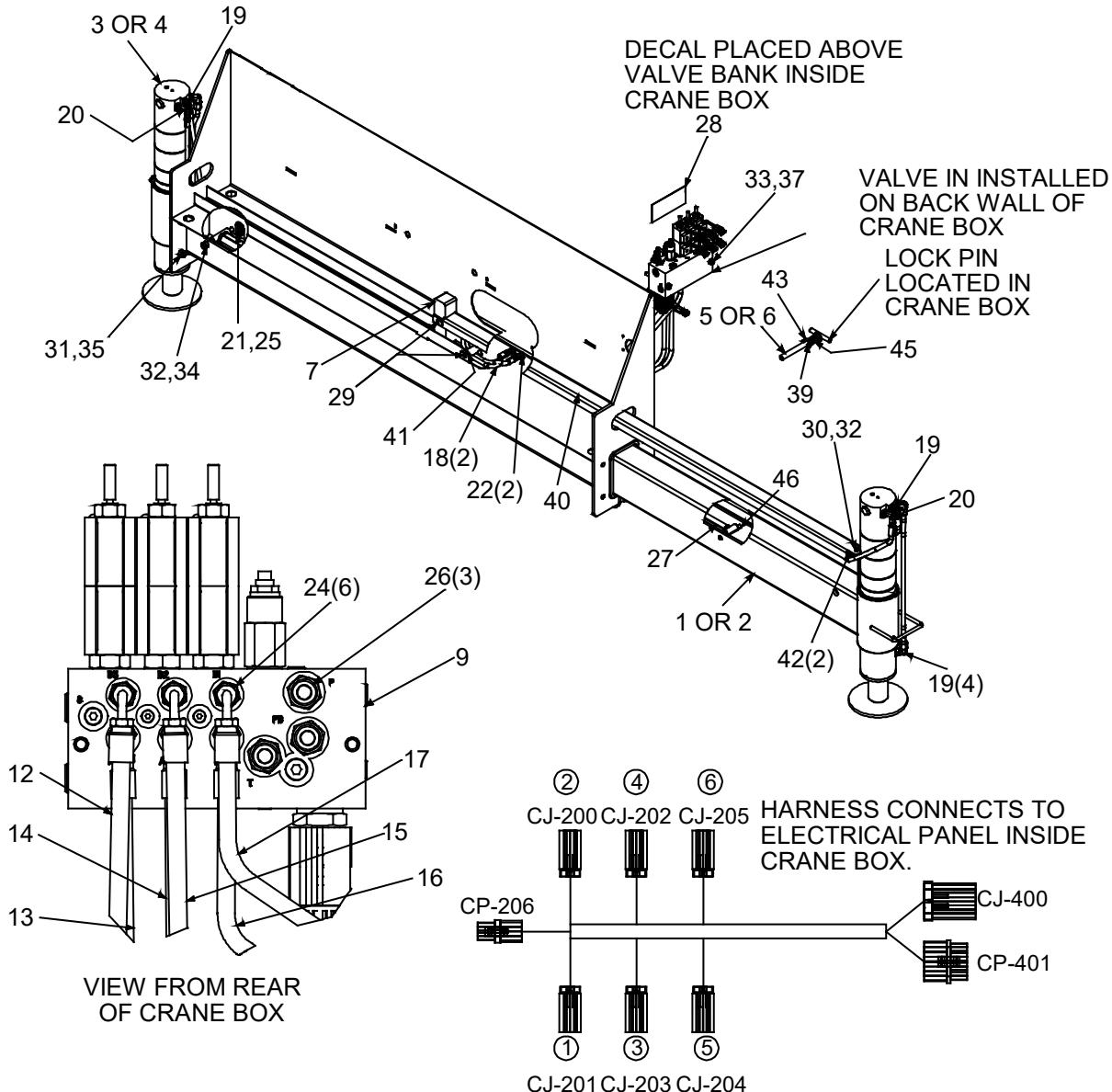


### PARTS LIST

| ITEM | PART #   | DESCRIPTION                     | QUANTITY |
|------|----------|---------------------------------|----------|
| 2.   | 51719647 | STABILIZER ASM EXTENSION        | 1        |
| 3.   | 51719649 | STABILIZER ASM STATIONARY MOUNT | 1        |
| 5.   | 60140928 | PIN-L STYLE STABILIZER STOP     | 1        |
| 7.   | 60030355 | WEAR PAD-RC 2.00 X 2.00 X 6.75  | 1        |
| 8.   | 60030356 | WEAR PAD-RC 2.00 X 2.00 X 5.00  | 1        |
| 9.   | 73734229 | VALVE BANK 3 SEC W/SOLENOIDS    | 1        |

| <b>PARTS LIST</b> |          |  |          |
|-------------------|----------|--|----------|
| ITEM              | PART #   | DESCRIPTION  | QUANTITY |
| 10.               | 77441134 | HARNESS-STABILIZER   | REF      |
| 11.               | 51720995 | HOSE KIT-POWER OUT HYD STABILIZERS   | REF      |
| 12.               | 51397101 | HOSE-FZ .25 X 82.00 OAL (4-6) 100R17   | 1        |
| 13.               | 51397100 | HOSE-FJ .25 X 82.00 OAL (4-6) 100R17   | 1        |
| 14.               | 51397097 | HOSE-FJ .25 X 38.00 OAL (4-6) 100R17   | 1        |
| 15.               | 51397098 | HOSE-FZ .25 X 42.00 OAL (4-6) 100R17   | 1        |
| 16.               | 51397096 | HOSE-FJ .25 X 107.50 OAL (4-6) 100R17  | 1        |
| 17.               | 51397099 | HOSE-FZ .25 X 108.00 OAL (4-6) 100R17  | 1        |
| 18.               | 51396821 | HOSE-FF .25 X 96.00 (4-4) 100R2  | 2        |
| 19.               | 72053758 | ELBOW-M STR/90/M JIC 4 4   | 2        |
| 20.               | 72533567 | ELBOW-M STR/M JIC XLG 4 4  | 2        |
| 21.               | 72532690 | ELBOW-M JIC/F JIC SW 4 4   | 2        |
| 22.               | 72533590 | ELBOW-M JIC/90/M JIC 4 4 BLKHD   | 2        |
| 23.               | 72053763 | ELBOW-M STR/90/M JIC 8 8   | 4        |
| 24.               | 72532355 | ADPTR-M STR/M JIC 6 6  | 6        |
| 25.               | 72532351 | ADPTR-M STR/M JIC 4 4  | 2        |
| 26.               | 72532358 | ADPTR-M STR/M JIC 8 8  | 3        |
| 27.               | 3B142860 | CYLINDER   | 1        |
| 28.               | 70398872 | DECAL-STABILIZER MANUAL OVERRIDE, SOFT SHIFT<br>(WAS 70397215 THROUGH 12-2009) | 1        |
| 29.               | 72060031 | CAP SCR .31-18X 2.50 HH GR5 Z  | 2        |
| 30.               | 72060026 | CAP SCR .31-18X 1.25 HH GR5 Z  | 1        |
| 31.               | 72060117 | CAP SCR .50-13X 1.50 HH GR8 Z  | 4        |
| 32.               | 72601297 | CAP SCR .50-13X 5.75 HH GR5 Z  | 1        |
| 33.               | 72060056 | CAP SCR .38-16X 4.00 HH GR5 Z  | 2        |
| 34.               | 72062080 | NUT .50-13 HEX NYLOCK  | 1        |
| 35.               | 72062232 | NUT .50-13 HEX TOP LOCK GR8 Z  | 4        |
| 36.               | 72062109 | NUT .31-18 HEX NYLOCK  | 1        |
| 37.               | 72063051 | WASHER .38 LOCK  | 2        |
| 38.               | 72066178 | COTTER PIN .12X1.00 PLAIN  | 2        |
| 39.               | 72066185 | COTTER PIN .16X1.00 PLAIN  | 1        |
| 40.               | 52719342 | WELDMENT, CHANNEL HOSE CARRIER   | 1        |
| 41.               | 60030354 | CAM CLAMP 1.00 DIA. X 2.00   | 1        |
| 42.               | 72661621 | CLAMP- .62 LOOP CUSHIONED  | 2        |
| 43.               | 72063119 | WASHER .62 FLAT  | 1        |
| 45.               | 60010351 | SPRING-COMPRESSION .062X1.50X.845 OD   | 1        |
| 46.               | 72661472 | ROLL PIN .50X4.00  | 1        |
| REV E 20130321    |          |  |          |

## Rear Stabilizers, Power Out/Power Down (Kit 31719661 / Dwg 99904262)(Through 3/28/13)



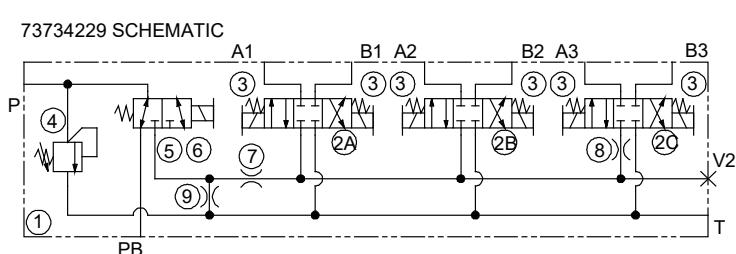
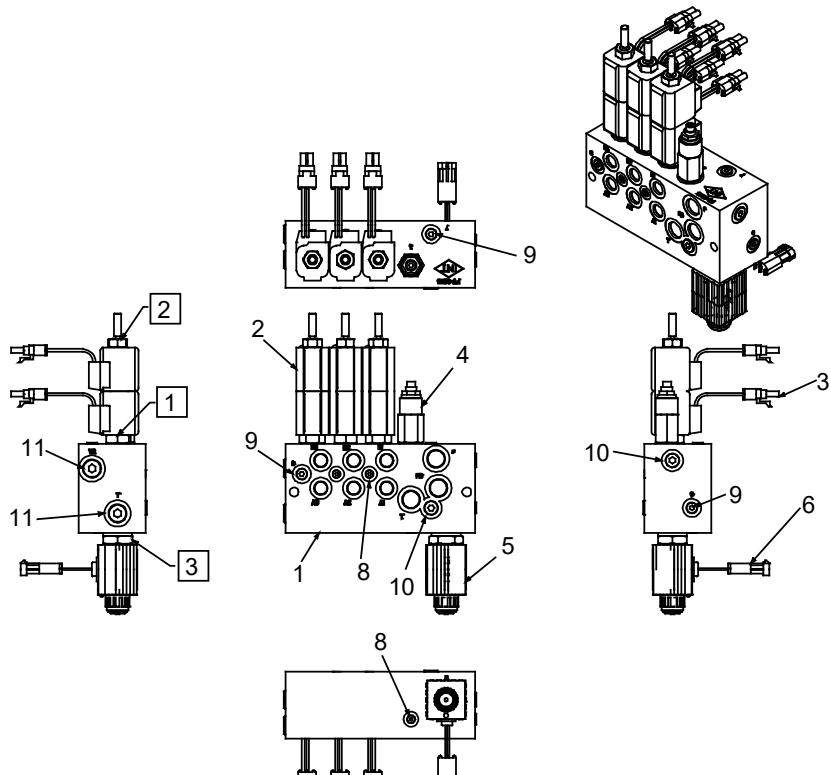
### PARTS LIST

| ITEM | PART #   | DESCRIPTION                     | QUANTITY |
|------|----------|---------------------------------|----------|
| 2.   | 51719647 | STABILIZER ASM EXTENSION        | 1        |
| 3.   | 51719649 | STABILIZER ASM STATIONARY MOUNT | 1        |
| 5.   | 52719747 | PIN                             | 1        |
| 7.   | 60030355 | WEAR PAD-RC 2.00 X 2.00 X 6.75  | 1        |
| 8.   | 60030356 | WEAR PAD-RC 2.00 X 2.00 X 5.00  | 1        |

| <b>PARTS LIST</b> |          |  |          |
|-------------------|----------|--|----------|
| ITEM              | PART #   | DESCRIPTION  | QUANTITY |
| 9.                | 73734229 | VALVE BANK 3 SEC W/SOLENOIDS   | 1        |
| 10.               | 77441134 | HARNESS-STABILIZER   | REF      |
| 11.               | 51720995 | HOSE KIT-POWER OUT HYD STABILIZERS   | REF      |
| 12.               | 51397101 | HOSE-FZ .25 X 82.00 OAL (4-6) 100R17   | 1        |
| 13.               | 51397100 | HOSE-FJ .25 X 82.00 OAL (4-6) 100R17   | 1        |
| 14.               | 51397097 | HOSE-FJ .25 X 38.00 OAL (4-6) 100R17   | 1        |
| 15.               | 51397098 | HOSE-FZ .25 X 42.00 OAL (4-6) 100R17   | 1        |
| 16.               | 51397096 | HOSE-FJ .25 X 107.50 OAL (4-6) 100R17  | 1        |
| 17.               | 51397099 | HOSE-FZ .25 X 108.00 OAL (4-6) 100R17  | 1        |
| 18.               | 51396821 | HOSE-FF .25 X 96.00 (4-4) 100R2  | 2        |
| 19.               | 72053758 | ELBOW-M STR/90/M JIC 4 4   | 2        |
| 20.               | 72533567 | ELBOW-M STR/M JIC XLG 4 4  | 2        |
| 21.               | 72532690 | ELBOW-M JIC/F JIC SW 4 4   | 2        |
| 22.               | 72533590 | ELBOW-M JIC/90/M JIC 4 4 BLKHD   | 2        |
| 23.               | 72053763 | ELBOW-M STR/90/M JIC 8 8   | 4        |
| 24.               | 72532355 | ADPTR-M STR/M JIC 6 6  | 6        |
| 25.               | 72532351 | ADPTR-M STR/M JIC 4 4  | 2        |
| 26.               | 72532358 | ADPTR-M STR/M JIC 8 8  | 3        |
| 27.               | 3B142860 | CYLINDER   | 1        |
| 28.               | 70398872 | DECAL-STABILIZER MANUAL OVERRIDE, SOFT SHIFT<br>(WAS 70397215 THROUGH 12-2009) | 1        |
| 29.               | 72060031 | CAP SCR .31-18X 2.50 HH GR5 Z  | 2        |
| 30.               | 72060026 | CAP SCR .31-18X 1.25 HH GR5 Z  | 1        |
| 31.               | 72060117 | CAP SCR .50-13X 1.50 HH GR8 Z  | 4        |
| 32.               | 72601297 | CAP SCR .50-13X 5.75 HH GR5 Z  | 1        |
| 33.               | 72060056 | CAP SCR .38-16X 4.00 HH GR5 Z  | 2        |
| 34.               | 72062080 | NUT .50-13 HEX NYLOCK  | 1        |
| 35.               | 72062232 | NUT .50-13 HEX TOP LOCK GR8 Z  | 4        |
| 36.               | 72062109 | NUT .31-18 HEX NYLOCK  | 1        |
| 37.               | 72063051 | WASHER .38 LOCK  | 2        |
| 38.               | 72066178 | COTTER PIN .12X1.00 PLAIN  | 2        |
| 39.               | 72066185 | COTTER PIN .16X1.00 PLAIN  | 1        |
| 40.               | 52719342 | WELDMENT, CHANNEL HOSE CARRIER   | 1        |
| 41.               | 60030354 | CAM CLAMP 1.00 DIA. X 2.00   | 1        |
| 42.               | 72661621 | CLAMP-.62 LOOP CUSHIONED   | 2        |
| 43.               | 72063028 | MACHY BUSHING .75X14 GA NR (USE WITH T-STYLE PIN)                              | 2        |
| 45.               | 60010351 | SPRING-COMPRESSION .062X1.50X.845 OD   | 1        |
| 46.               | 72661472 | ROLL PIN .50X4.00  | 1        |
| REV D 20110520    |          |  |          |

## Valvebank, Power Out/Power Down (73734229) (Eff. 6-15-07)

NOTE: EFFECTIVE S/N DOMS2S071385.

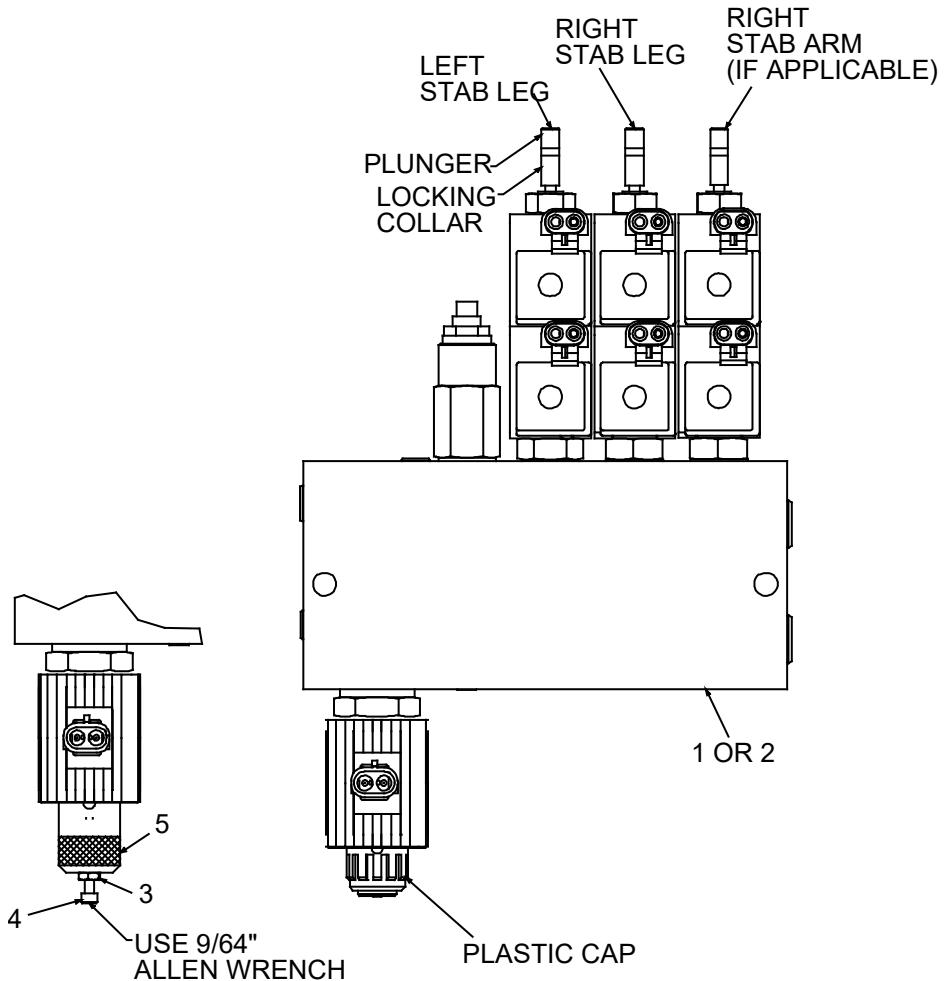


### NOTES (SEE REFERENCE NUMBER IN BOX):

- 1 TORQUE TO 25 FT-LB.
- 2 TORQUE TO 3 FT-LB.
- 3 TORQUE TO 90 FT-LB.

| <b>73734229 PARTS LIST</b> |          |  |          |
|----------------------------|----------|--|----------|
| ITEM                       | PART #   | DESCRIPTION  | QUANTITY |
| 1.                         | 73734229 | VALVE BANK 3 SEC W/SOLENOIDS DOM STAB              | 1        |
| 2.                         | 73540271 | VALVE-SOLENOID (INCLUDES 2 OF ITEM 77040498)       | 3        |
| 3.                         | 77040498 | COIL-12VDC LEAD WIRE                               | 6        |
| 4.                         | 73540269 | VALVE-RELIEF 3200 PSI                              | 1        |
| 5.                         | 73540270 | VALVE-SOLENOID SOFT SHIFT (INCLUDES ITEM 77040499) | 1        |
| 6.                         | 77040499 | COIL-12VDC 36W LEADWIRE                            | 1        |
| 7.                         | -        | MANIFOLD   | 1        |
| 8.                         | -        | SAE -2 PLUG  | 3        |
| 9.                         | -        | SAE -4 PLUG  | 3        |
| 10.                        | -        | SAE -6 PLUG  | 2        |
| 11.                        | -        | SAE -8 PLUG  | 2        |
| NEW 20070626               |          |  |          |

## Stabilizer Override Installation & Operation (99904272)



### INSTALLING MANUAL OVERRIDE

- 1 REMOVE PLASTIC CAP AND DISCARD.
- 2 REPLACE PLASTIC CAP WITH ITEMS 3, 4, AND 5 AS SHOWN.
- 3 TURN ADJUSTMENT SCREW (ITEM 4) CLOCKWISE UNTIL YOU FEEL RESISTANCE. TURN COUNTERCLOCKWISE 2 FULL TURNS.
- 4 TIGHTEN JAM NUT (ITEM 3).

### MANUAL OVERRIDE PROCEDURE

- 1 LOOSEN JAM NUT (ITEM 3).
- 2 TURN ADJUSTMENT SCREW (ITEM 4) CLOCKWISE UNTIL IT BOTTOMS OUT (APPROXIMATELY 6 FULL TURNS).
- 3 RAISE LOCKING COLLAR AND PUSH PLUNGER DOWN TO RETRACT DESIRED FUNCTION, OR LIFT TO EXTEND DESIRED FUNCTION.
- 4 RELEASE PLUNGER.

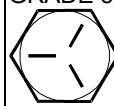
- 5 RELEASE LOCKING COLLAR ON ANY VALVE ACTIVATED.
- 6 PUSH AND RELEASE PLUNGER TO RETURN LOCKING COLLAR TO NEUTRAL POSITION.
- 7 RETURN ADJUSTMENT SCREW (ITEM 4) TO ORIGINAL POSITIONS.
- 8 TIGHTEN JAM NUT (ITEM 3).

**99904272 PARTS LIST**

| ITEM         | PART #   | DESCRIPTION  | QUANTITY |
|--------------|----------|--|----------|
| 1.           | 73734229 | VALVE BANK 3 SEC W/SOLENOIDS                           | REF      |
| 2.           | 73734228 | VALVE BANK 2 SEC W/SOLENOIDS                           | REF      |
| 3.           | 72062093 | NUT # 8-32 HEX ZINC                                    | 1        |
| 4.           | 72601718 | CAP SCR # 8-32X .75 SH PLAIN                           | 1        |
| 5.           | 73029619 | CAP-STABILIZER VALVE MANUAL OVERRIDE                   | 1        |
| 6.           | 91721165 | KIT-DOM STABILIZER VALVE OVERRIDE<br>(INCL. ITEMS 3-5) | REF      |
| NEW 20070719 |          |  |          |

# Thread Torque Chart (English)

| FINE THREAD BOLTS (ENGLISH) |           |  |  |         |         |
|-----------------------------|-----------|--|--|---------|---------|
| SIZE                        | BOLT DIA. | GRADE 5<br><br>SAE J429 GRADE 5 | GRADE 8<br><br>SAE J429 GRADE 8 | PLAIN   | PLATED  |
| (DIA-TPI)                   | (INCHES)  | (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. | GRADE 5<br><br>SAE J429 GRADE 5 | GRADE 8<br><br>SAE J429 GRADE 8 | PLAIN   | PLATED  |
| (DIA-TPI)                     | (INCHES)  | (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    |

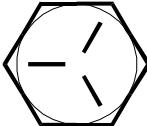
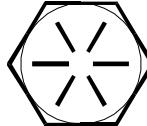
## NOTES

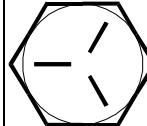
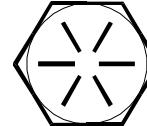
- 1 Tightening torques provided are midrange.
- 2 Consult bolt manufacturer's particular specifications, when provided.
- 3 Use flat washers of equal strength.
- 4 All torque measurements are given in foot-pounds.
- 5 Torque values specified are for bolts with residual oils or no special lubricants applied. 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.

# Thread Torque Chart (Metric)

| FINE THREAD TORQUE CHART (METRIC) |                          |   |                  |   |                  |
|-----------------------------------|--------------------------|---|------------------|---|------------------|
| TIGHTENING TORQUE                 |                          |   |                  |   |                  |
| SIZE<br>(DIA-TPI)                 | BOLT<br>DIA.<br>(INCHES) |  |                  |  |                  |
|                                   |                          | PLAIN<br>(KG-M)   | PLATED<br>(KG-M) | PLAIN<br>(KG-M)   | PLATED<br>(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<br>(DIA-TPI)                   | BOLT DIA<br>(INCHES) |  |                  |  |                  |
|                                     |                      | PLAIN<br>(KG-M)   | PLATED<br>(KG-M) | PLAIN<br>(KG-M)   | PLATED<br>(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 disulphite, 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.