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**Manual # 99904655**

# **Dominator Contractor Series Manual Supplement**

**Revised 09-28-2017**

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**Introduction**

**Section - 1**

## Introduction

### GENERAL

This manual is a supplement which includes systems information for fluid and air systems used with the Dominator DSC20 body, manual part number, 99904090. Although the DSC20 manual includes body and compartment parts and options, this manual primarily includes systems, pumps, and lighting information for assemblies used for the contractor market.

For equipment such as cranes, compressors, and winches, refer to the appropriate service manual.

### BODY IDENTIFICATION

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

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

**IOWA MOLD TOOLING CO., INC.**  
**Box 189, Garner, IA 50438-0189**  
**Telephone: 641-923-0189**  
**Technical Support Fax: 641-923-2424**

|                                                               |  |
|---------------------------------------------------------------|--|
| IOWA MOLD TOOLING CO., INC.<br>BOX 189, GARNER, IA 50438-0189 |  |
| MODEL<br>NUMBER                                               |  |
| SERIAL<br>NUMBER                                              |  |
| MFG<br>DATE                                                   |  |
| 70029119                                                      |  |

### PARTS IDENTIFICATION

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

### ORDERING REPAIR PARTS

When ordering replacement parts:

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

### SERIAL NUMBER:

|  |
|--|
|  |
|--|

**Parts**

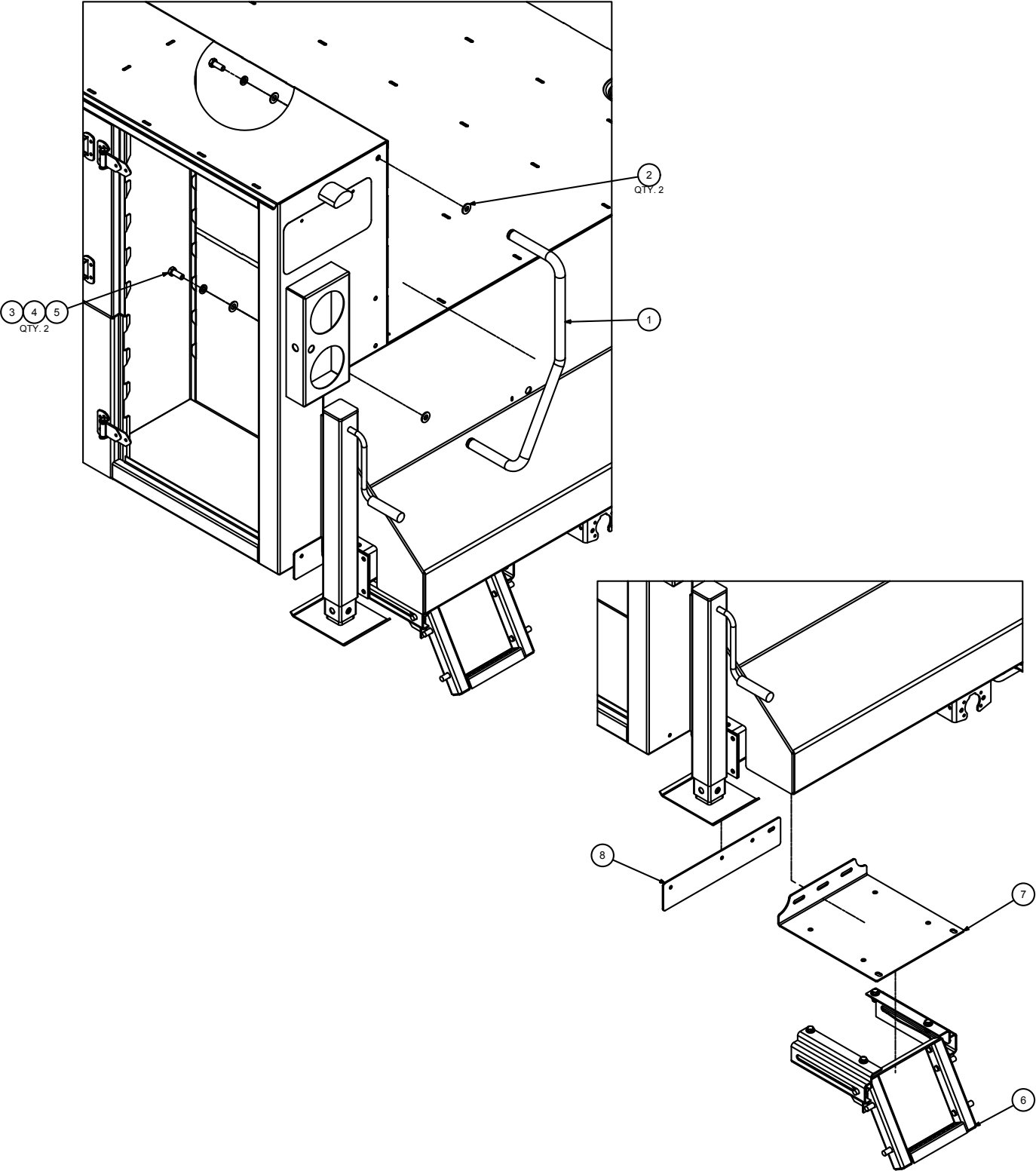
**Section - 2**

## DCS - Recommended Spare Parts

| PART NO.                                                | DESCRIPTION                                      |
|---------------------------------------------------------|--------------------------------------------------|
| <b>SHELVING (RIGHT REAR FOR CONTRACTOR SERIES ONLY)</b> |                                                  |
| 51720143                                                | SHELF KIT 1.50 RR                                |
| <b>AIR SYSTEM</b>                                       |                                                  |
| 70734569                                                | AIR COMPRESSOR (INGERSOLL RAND)                  |
| 51719866                                                | FILTER-LUBRICATOR-REGULATOR (FOR 1/2" HOSE REEL) |
| 70733526                                                | HOSE REEL-AIR 3/8" x 35'                         |
| 72532021                                                | QUICK DISCONNECT COUPLER                         |
| 72532038                                                | QUICK DISCONNECT NIPPLE                          |
| 70734581                                                | AIR COMPRESSOR (MI-T-M)                          |
| 51719866                                                | FILTER-LUBRICATOR-REGULATOR (FOR 1/2" HOSE REEL) |
| 70733526                                                | HOSE REEL-AIR 3/8" x 35'                         |
| 72532021                                                | QUICK DISCONNECT COUPLER                         |
| 72532038                                                | QUICK DISCONNECT NIPPLE                          |
|                                                         | REPLACEMENT AIR FILTER                           |
| <b>OIL SYSTEM</b>                                       |                                                  |
| 52719761                                                | 2 SECTION TANK (26G OIL / 26G OIL)               |
| 52722116                                                | TANK- 25 GA. LUBE 32H                            |
| 70732184                                                | OIL FILL NECK ASSEMBLY W/CAP                     |
| 70733533                                                | OIL PUMP (AIR OPERATED)                          |
|                                                         | (73734196 REPAIR KIT FOR 70733533)               |
| 70733524                                                | REEL-OIL .38 X 30'                               |
| 73052119                                                | OIL NOZZLE W/METER                               |
| 70143289                                                | OIL NOZZLE NON-METERED                           |
| <b>FUEL SYSTEM</b>                                      |                                                  |
| 52722116                                                | TANK- 25 GAL LUBE 32H                            |
| 70732184                                                | OIL FILL NECK ASSEMBLY W/CAP                     |
| 51721588                                                | PUMP ASSEMBLY - .75" AIR DIAPHRAGM               |
| 70732777                                                | SALV REEL .75 X 35'                              |
| 51712746                                                | NOZZLE-FUEL 1" DIESEL W/SWIVEL                   |
| <b>ANTIFREEZE / WATER SYSTEM</b>                        |                                                  |
| 52722117                                                | TANK- 25 GAL LUBE 32H STAINLESS STEEL            |
| 70732184                                                | OIL FILL NECK ASSEMBLY W/CAP                     |
| 51721588                                                | PUMP ASSEMBLY - .75" AIR DIAPHRAGM               |
| 70733524                                                | REEL-OIL .38 X 30'                               |
| 70143289                                                | OIL NOZZLE NON-METERED                           |
| <b>GREASE SYSTEM</b>                                    |                                                  |
| 70733534                                                | GREASE PUMP PACKAGE                              |
|                                                         | (73734196 REPAIR KIT FOR OIL PUMP 73734201)      |
| 70733570                                                | GREASE SWIVEL                                    |
| 70733525                                                | GREASE REEL .38 X 25'                            |

| <b>OXYGEN / ACETYLENE SYSTEM</b> |                                           |
|----------------------------------|-------------------------------------------|
| 70733522                         | OXY/ACT REEL                              |
| 70733539                         | OXY/ACT TORCH KIT                         |
| 51716581                         | OXY/ACT TWIN HOSE (6' LONG)               |
| <b>SALVAGE SYSTEM</b>            |                                           |
| 51716551                         | PUMP ASM-SALVAGE .50" AIR DIAPHRAGM       |
| 51721588                         | PUMP ASM ANTI / FREEZE .75" AIR DIAPHRAGM |
| 70733523                         | SALV REEL .75 X 25'                       |
| 70732777                         | SALV REEL .75 X 35'                       |
| 70732184                         | OIL FILL NECK ASSEMBLY W/CAP              |
| <b>WELDER SYSTEM</b>             |                                           |
| 70733540                         | WELDER LEADS                              |
| <b>ELECTRICAL OPTIONS</b>        |                                           |
| 70734454                         | STARTER PAK-LNB LIGHTNING IN A BOX- 35ft  |
| 77441316                         | AMBER STROBE LIGHT BAR                    |
| 77441295                         | BACKUP SENSOR SYSTEM W-ALARM              |
| 51719520                         | JUMP START BOOSTER PLUG-FRONT BUMPER      |
| 51722370                         | JUMP START BOOSTER PLUG-REAR OF BODY      |
| 51721137                         | BOOSTER CABLES-15ft                       |
| 51719384                         | BOOSTER CABLES-50ft                       |
| <b>MISCELLANEOUS</b>             |                                           |
| 70733536                         | WISE-COMBINATION 41/2"                    |
| 51710607                         | KIT-FIRE EXTINGUISHER 20#                 |

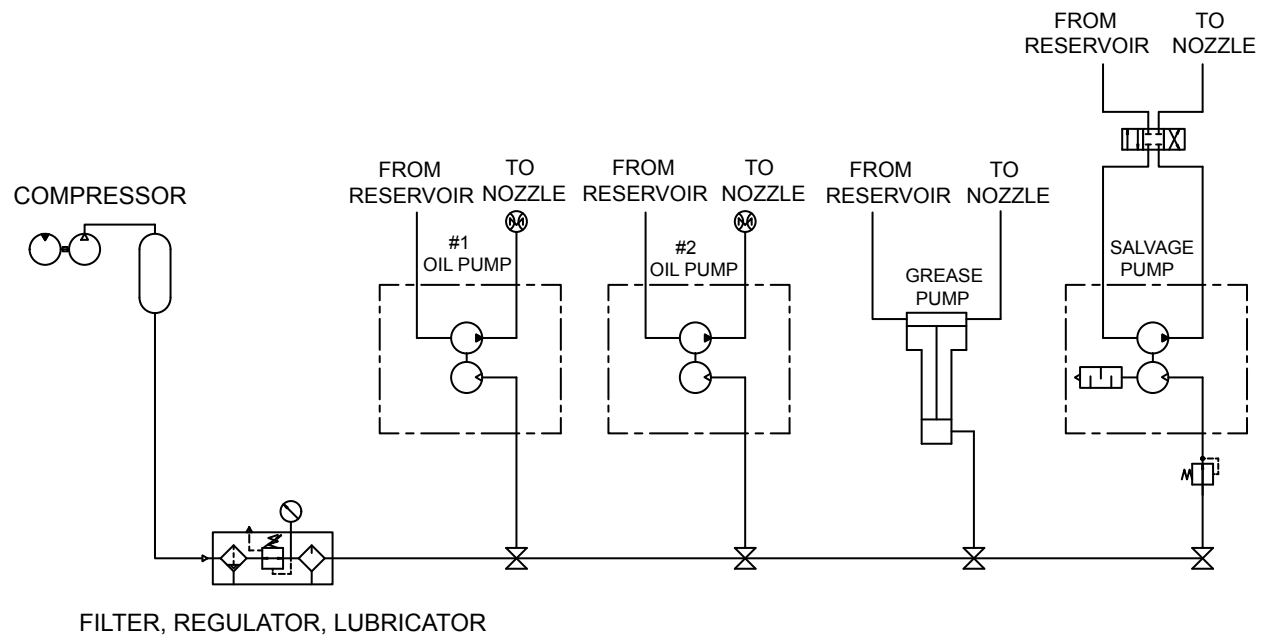
DCS - 3-Point Access (99906163)



**99906163 PARTS LIST**

| ITEM NO.             | PART NO. | DESCRIPTION                              | QTY. |
|----------------------|----------|------------------------------------------|------|
| 1.                   | 52727090 | WLDMT-GRAB HANDLE 3-POINT ACCESS         | 1    |
| 2.                   | 72063322 | WASHER-FLAT .50 X .08 X 1.06 BLK NEOPREN | 2    |
| 3.                   | 72063005 | WASHER .50 FLAT                          | 2    |
| 4.                   | 72063053 | WASHER .50 LOCK                          | 2    |
| 5.                   | 72060092 | CAP SCR .50-13X 1.25 HH GR5 Z            | 2    |
| 6.                   | 51726580 | DS3 -LADDER ASSEMBLY-10 DOM 1            | 1    |
| 7.                   | 60141620 | BRKT - DSC SLIDE OUT STEP                | 1    |
| 8.                   | 60134206 | BRACKET-MUD FLAP EDSC10 DSC10            | 1    |
| REV. INITIAL RELEASE |          |                                          |      |

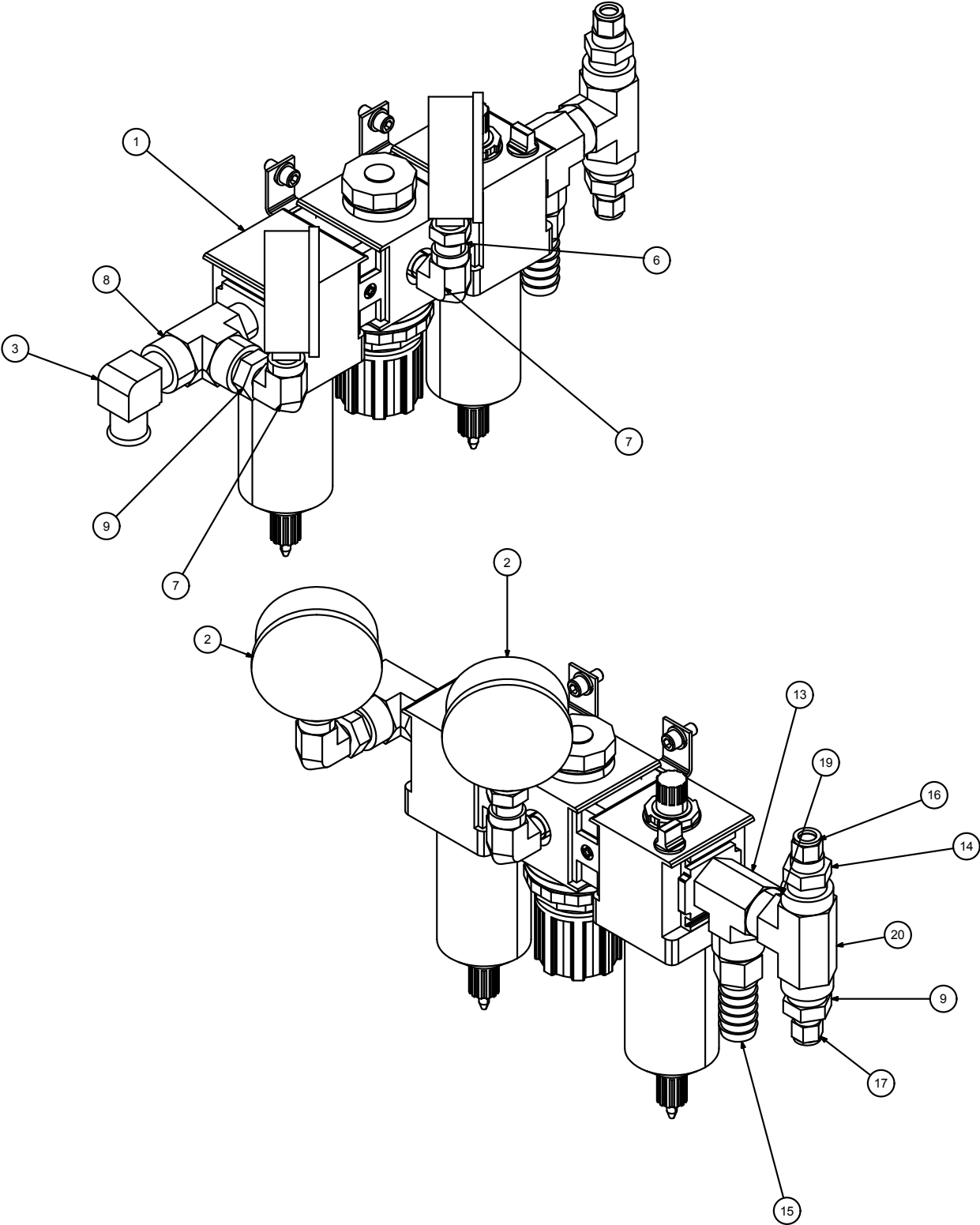
## DSC - System Schematic, Air / Lube System (99903268)





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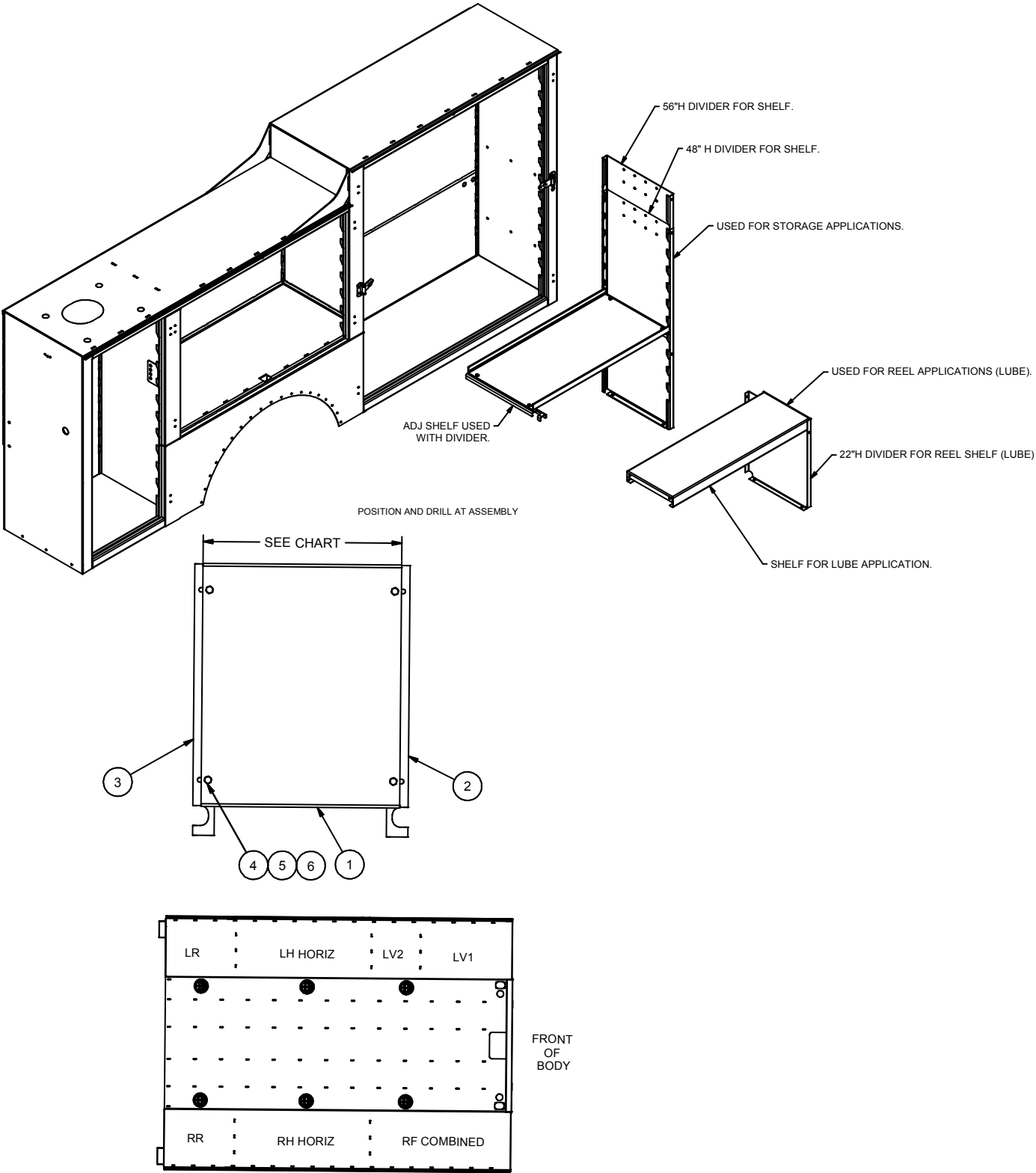
DCS - Moisture Separator / Regulator / Oiler Assembly (51719866)



**51719866 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                              | QTY. |
|----------|----------|------------------------------------------|------|
| 1.       | 70073310 | MOISTURE SEP-REG-DOM (MODULAR)           | 1    |
| 2.       | 70048205 | GAUGE-PRESS AIR 300 (6001-2.5)           | 2    |
| 3.       | 72533592 | NIPPLE-BARB BRS .50MPT/90/.75            | 1    |
| 5.       | 72063049 | WASHER .25 LOCK                          | 4    |
| 6.       | 72533588 | REDUCER BUSH-BRS .38- .25                | 1    |
| 7.       | 72532974 | ELBOW-STREET BRS .25 X 90 SHORT          | 2    |
| 8.       | 72533587 | TEE-BRS RUN .50                          | 1    |
| 9.       | 72531812 | REDUCER BUSH-BRS .50- .25                | 2    |
| 13.      | 72531991 | TEE-STREET STL .50                       | 1    |
| 14.      | 72531829 | REDUCER BUSH-STL .50- .38                | 1    |
| 15.      | 72531547 | NIPPLE-BRS BARB .50MPT .75               | 1    |
| 16.      | 72533699 | PUSH LOC- FTG .38 DOT X .38 MPT          | 1    |
| 17.      | 72533689 | HOSE FTG PUSH LOC SWIVEL MPT .25 .25 STL | 1    |
| 19.      | 72053725 | ADPTR-MPT/HEX/MPT .50 .50                | 1    |
| 20.      | 72053612 | TEE-STL .50                              | 1    |
| 21.      | 72060703 | CAP SCR .25-20 .50 SH PLAIN              | 4    |
| REV. B   |          |                                          |      |

DCS - Shelf Installation (99906228)

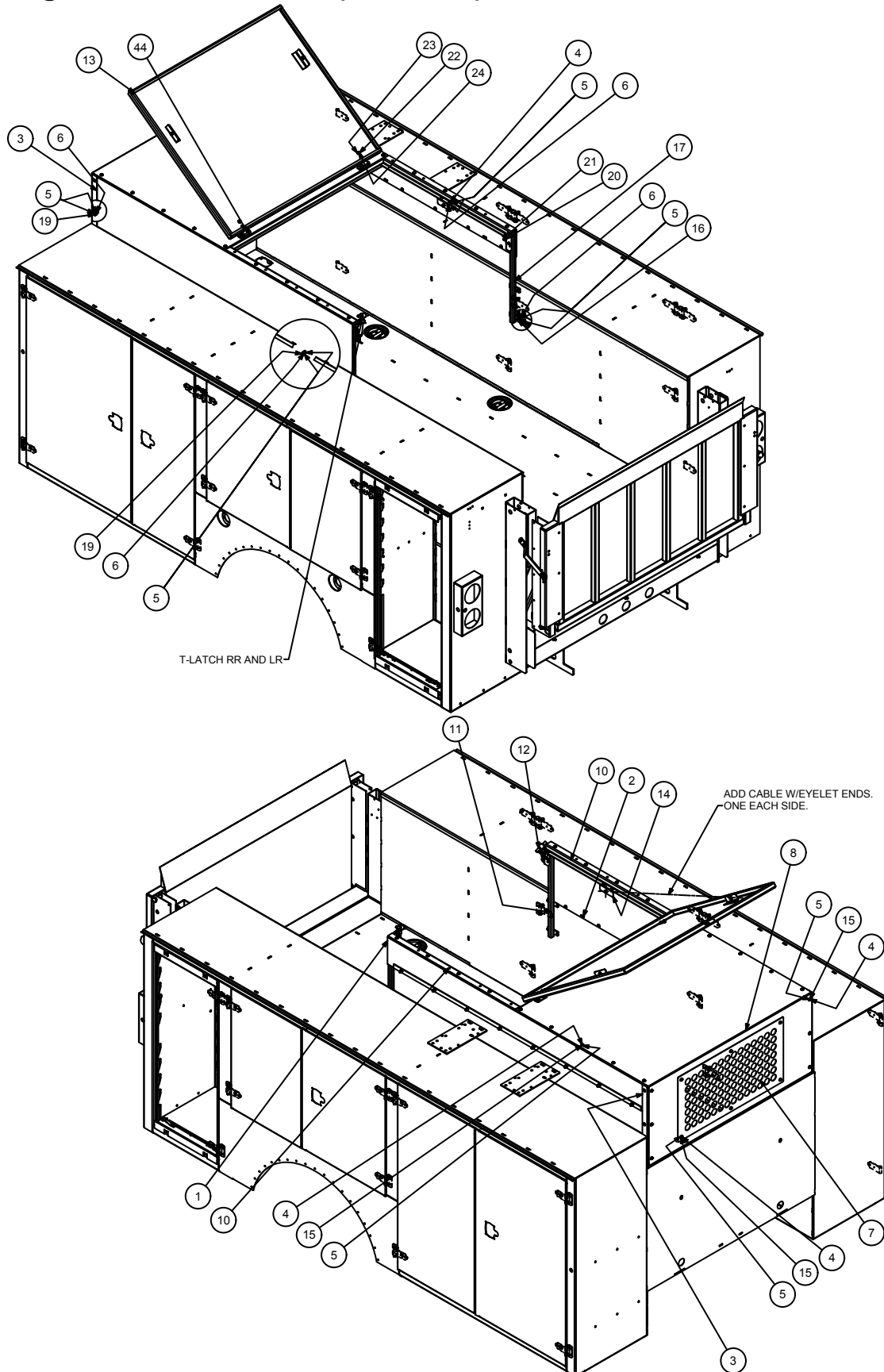


**99906228 PARTS LIST**

| ITEM NO.             | PART NO.  | DESCRIPTION                  | QTY. |
|----------------------|-----------|------------------------------|------|
| 1.                   | SEE CHART | SHELF                        | 1    |
| 2.                   | SEE CHART | SHELF END                    | 1    |
| 3.                   | SEE CHART | SHELF END                    | 1    |
| 4.                   | 72062109  | NUT .31-18 HEX NYLOCK        | 4    |
| 5.                   | 72060023  | CAP SCR .31-18X .75 HH GR5 Z | 4    |
| 6.                   | 72063002  | WASHER .31 FLAT              | 4    |
| REV. INITIAL RELEASE |           |                              |      |

| COMP. LOCATION                           | ITEM #3 SHELF END | ITEM #1 SHELF END | ITEM #2 SHELF END | SHELF DEPTH | SHELF WIDTH | 60136860 SHELF DIV. | SHELF KIT NUMBER |
|------------------------------------------|-------------------|-------------------|-------------------|-------------|-------------|---------------------|------------------|
| LT. VERT. #1                             | 60136436          | 60136447          | 60139821          | 18.38       | 33.62       |                     | 51723712         |
|                                          | 60136436          | 60136450          | 60139821          | 18.38       | 33.62       | 6 INCLUDE           | 51723713         |
| LT. VERT. #2                             | 60136439          | 60137424          | 60136441          | 18.38       | 17.5        |                     | 51723988         |
|                                          | 60136439          | 60137425          | 60136441          | 18.38       | 17.5        | 4 INCLUDE           | 51723989         |
| LT. HORZ 11'                             | 60136438          | 60136445          | 60136441          | 18.38       | 49.75       |                     | 51723716         |
|                                          | 60136438          | 60136448          | 60136441          | 18.38       | 49.75       | 10 INCLUD           | 51723717         |
| LEFT REAR                                | 60136438          | 60136444          | 60136440          | 18.38       | 25.75       |                     | 51723718         |
|                                          | 60136438          | 60136443          | 60136440          | 18.38       | 25.75       | 5 INCLUDE           | 51723719         |
| RT. FRT. COMBO                           | N/A               | N/A               | N/A               |             |             |                     |                  |
|                                          | N/A               | N/A               | N/A               |             |             |                     |                  |
| RT. HORZ. 11'                            | 60136439          | 60136445          | 60136437          | 18.38       | 49.75       |                     | 51723740         |
|                                          | 60136439          | 60136448          | 60136437          | 18.38       | 49.75       | 10 INCLUD           | 51723741         |
| RT. REAR                                 | 60136436          | 60144958          | 60136437          | 18.38       | 25.75       |                     | 51726532         |
| RT RR W/HYD                              | 60144809          | 60145024          | 60145025          | 17.38       | 25.75       |                     | 51727202         |
| DIVIDER PNL.                             | ITEM #3 SHELF END | ITEM #1 SHELF END | ITEM #2 SHELF END | SIDEPACK    | SHELF WIDTH | SHELF DIV.          | SHELF KIT NUMBER |
| 48" TALL<br>DIVIDER<br>PANEL<br>51721550 | 60139822          | 60139596          | 60136862          |             | 37.75       |                     | 51726586         |
|                                          | 60139822          | 60136904          | 60136862          |             | 37.38       | 10 INCLUD           | 51726587         |
|                                          |                   |                   |                   |             |             |                     |                  |
|                                          |                   |                   |                   |             |             |                     |                  |
| 56" TALL<br>DIVIDER<br>PANEL<br>51720127 | 60139822          | 60139596          | 60136862          |             | 37.75       |                     | 51726586         |
|                                          | 60139822          | 60136904          | 60136862          |             | 37.38       | 10 INCLUD           | 51726587         |
|                                          |                   |                   |                   |             |             |                     |                  |
|                                          |                   |                   |                   |             |             |                     |                  |
| 22" DIVIDER-<br>REEL SHELF               |                   |                   | 60135693          |             |             |                     |                  |
| REEL SHELF<br>LUBE                       |                   | 60137942          |                   |             | 19.00       |                     |                  |
|                                          |                   | 60133974          |                   |             | 30.00       |                     |                  |
|                                          |                   | 60134556          |                   |             | 38.00       |                     |                  |
|                                          |                   | 60141573          |                   |             | 53.25       |                     |                  |

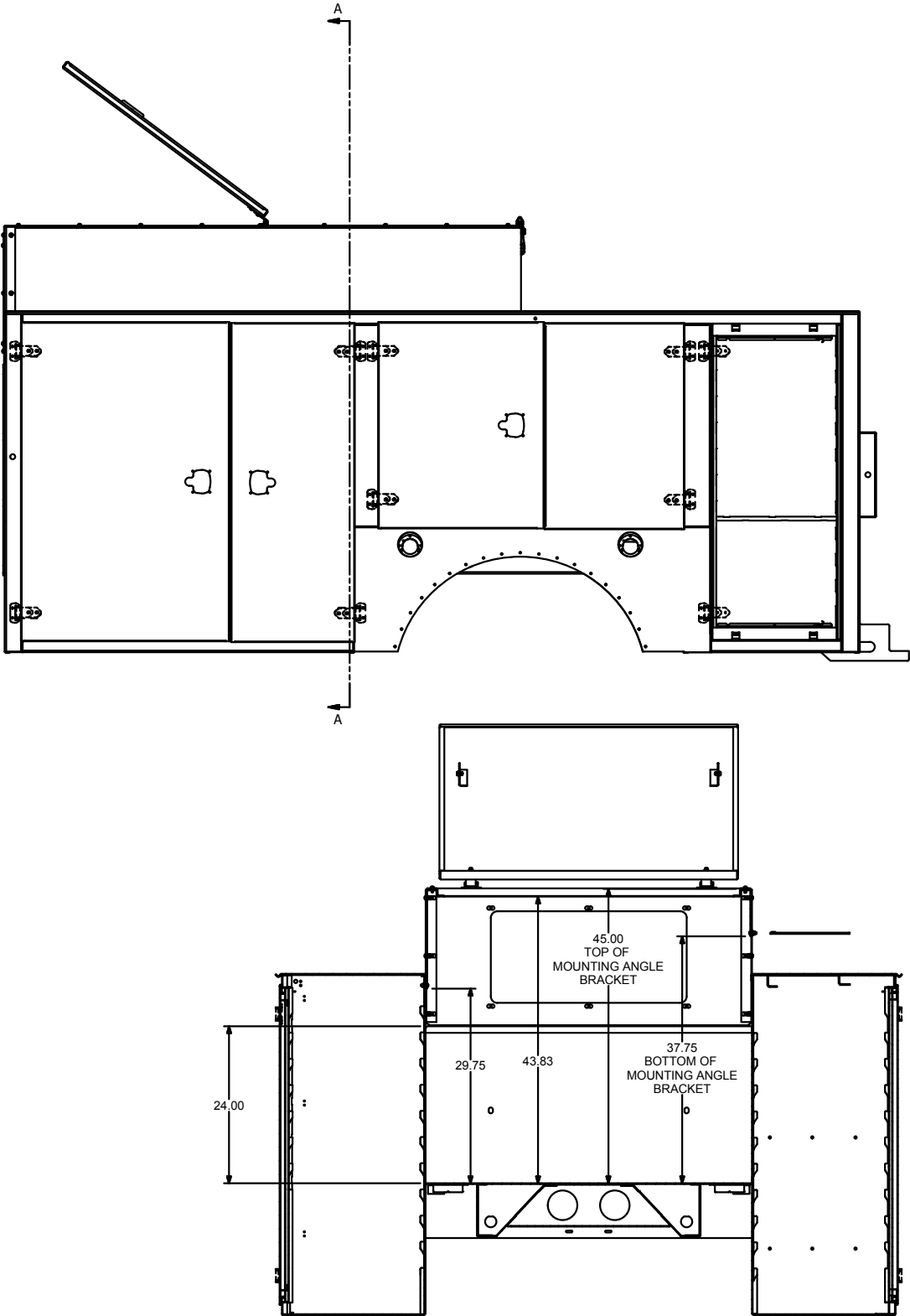
## DCS - Hinged Load Bed Cover (99905169)



**99905169 PARTS LIST**

| ITEM NO.             | PART NO. | DESCRIPTION                               | QTY. |
|----------------------|----------|-------------------------------------------|------|
| 1.                   | 52723254 | MTG BRACKET-DOMCS CARGO COVER RH          | 1    |
| 2.                   | 52723255 | MTG BRACKET-DOMCS CARGO COVER LH          | 1    |
| 3.                   | 52723256 | ANGLE-W DOMCS CARGO COVER FRT CORNER      | 2    |
| 4.                   | 72601410 | SCR-MACH .25-20X .75 BTNHD ZC             | 37   |
| 5.                   | 72063001 | WASHER .25 FLAT                           | 103  |
| 6.                   | 72062104 | NUT .25-20 HEX NYLOCK                     | 36   |
| 7.                   | 60137348 | COVER-DOMCS CARGO COVER FRT ACCESS        | 1    |
| 8.                   | 52723257 | COVER-WLDMT DOMCS CARGO COVER FRONT FIXED | 1    |
| 9.                   | 72661383 | HINGE-SS 10GA BUTT W/IMT LOGO OFFSET      | 2    |
| 10.                  | 60137349 | Z-DOMCS CARGO COVER SIDE JAMB             | 2    |
| 11.                  | 52723258 | POST-DOMCS CARGO COVER REAR LR            | 1    |
| 12.                  | 70039108 | LATCH-RUBBER T-HANDLE                     | 2    |
| 13.                  | 52723259 | LID-WLDMT DOMCS CARGO COVER               | 1    |
| 14.                  | 60137352 | ANGLE-DOMCS CARGO COVER CABLE STOP        | 2    |
| 15.                  | 72063049 | WASHER .25 LOCK                           | 30   |
| 16.                  | 72060004 | CAP SCR .25-20X 1.00 HH GR5 Z             | 4    |
| 17.                  | 52723261 | POST-DOMCS CARGO COVER REAR RR            | 1    |
| 18.                  | 72060002 | CAP SCR .25-20X .75 HH GR5 Z              | 4    |
| 19.                  | 72601509 | SCR-MACH .25-20X 1.00 BTNHD ZC            | 22   |
| 20.                  | 72060634 | SCR-MACH 10-24X .50 RDH                   | 8    |
| 21.                  | 72062106 | NUT 10-24 HEX NYLOCK                      | 8    |
| 22.                  | 72062194 | NUT-SS .25-20 NYLOC                       | 8    |
| 23.                  | 72063166 | WASHER-FLAT .25 R WRT 18-8 .62OD SS       | 8    |
| 24.                  | 72601652 | SCR-MACH .25-20X .75TRHTORXSS             | 8    |
| 25.                  | 72661700 | CABLE-PLASTIC COATED .19 X 45INL W/EYES   | 2    |
| REV. INITIAL RELEASE |          |                                           |      |

99905169-1, HINGED LOAD BED COVER, CONTINUED

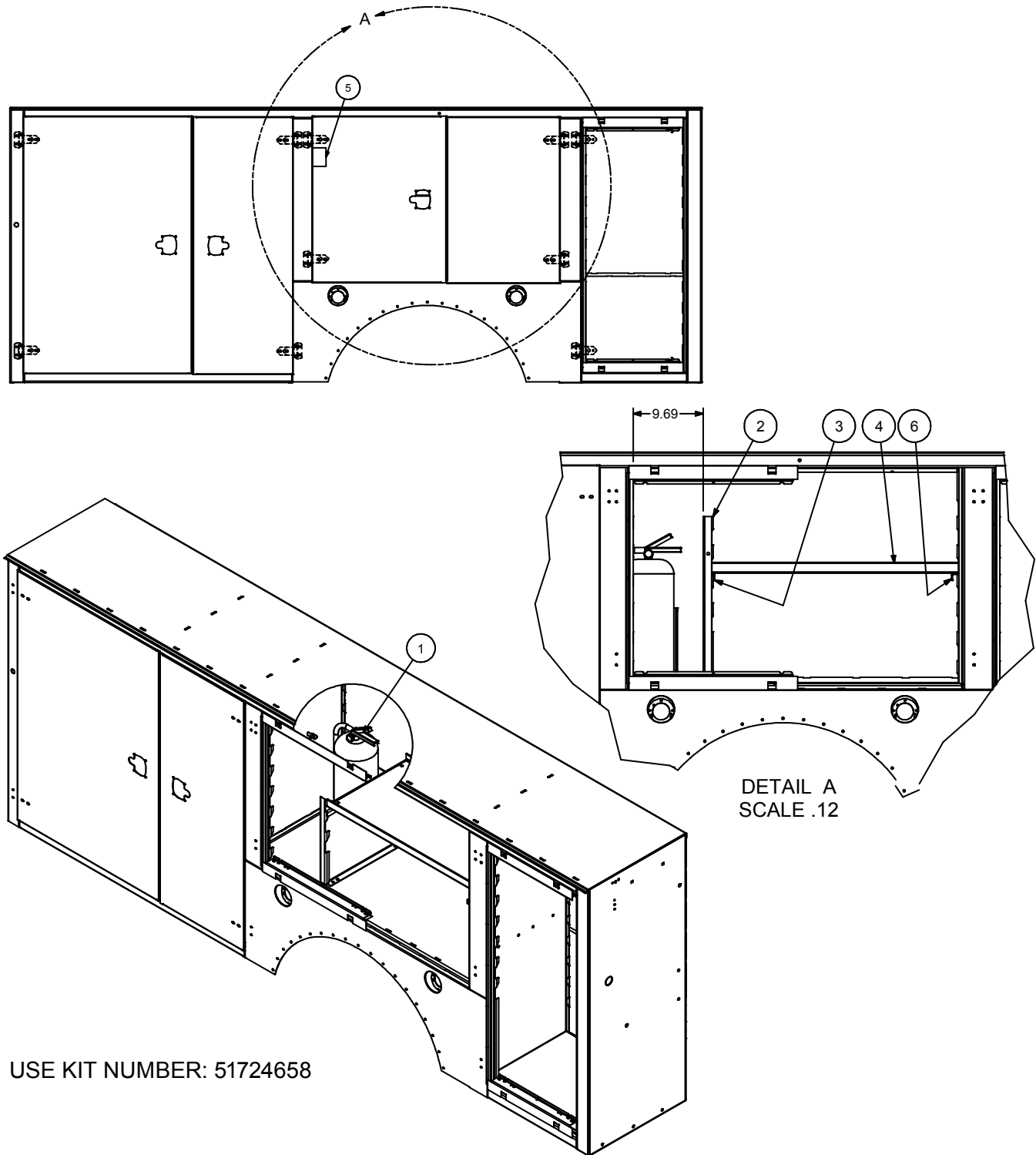


SECTION A-A  
SCALE .12



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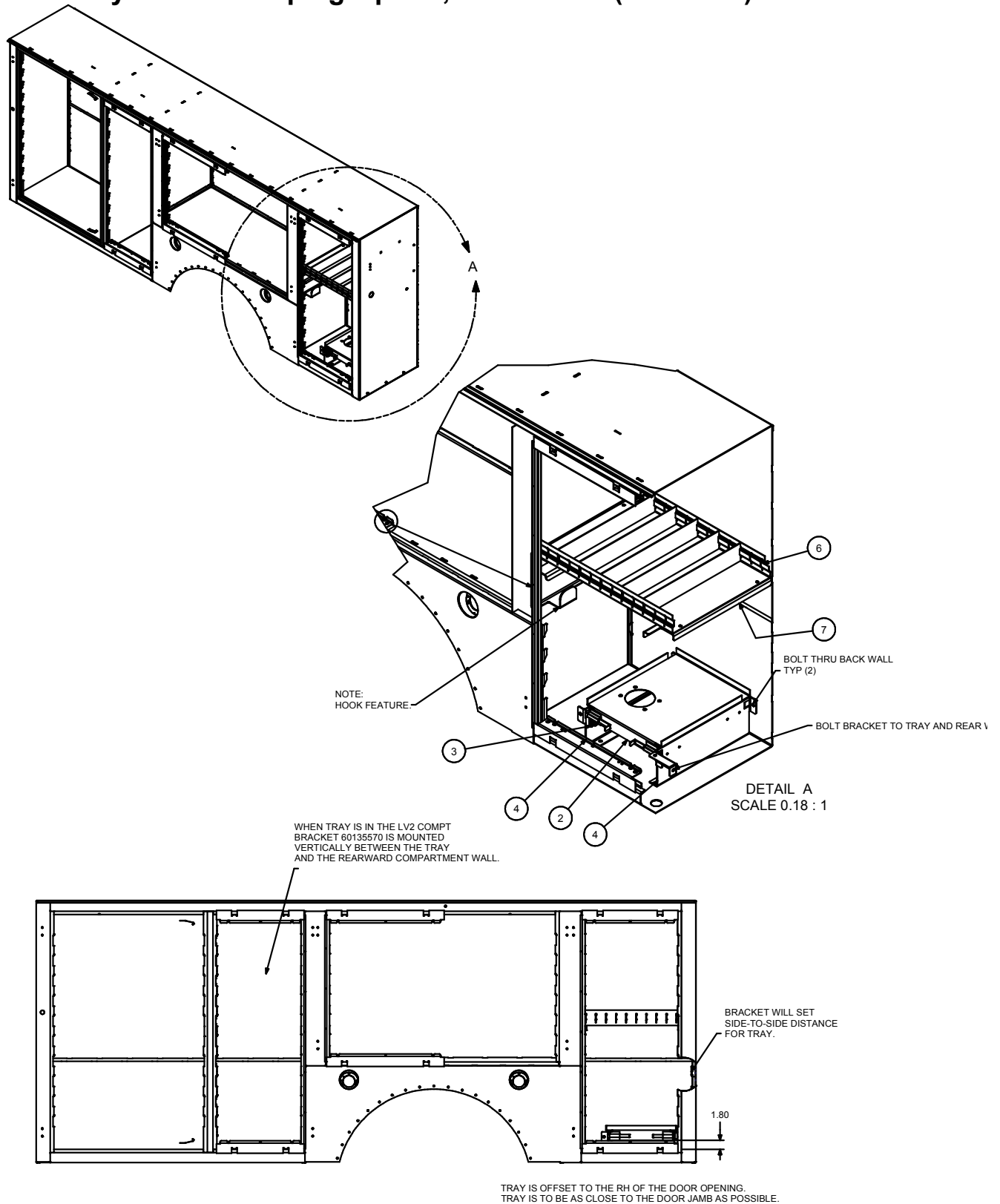
## DCS - Installation, LH Divider with Shelf (99905256)



**99905256 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                                     | QTY. |
|----------|----------|-------------------------------------------------|------|
| 1.       | 51710607 | KIT-FIRE EXTINGUISHER 20#                       | 1    |
| 2.       | 60137893 | DCS-PANEL DOM BOLT IN DIV 19.5D HORIZ           | 1    |
| 3.       | 60136863 | DCS -SHELF END 1.50" X 19.06" FOR DIVIDER PANEL | 1    |
| 4.       | 60139663 | DCS -SHELF 1.5" 17.50 X 34.75                   | 1    |
| 5.       | 70398985 | DECAL-FIRE EXTINGUISHER                         | A/R  |
| 6.       | 60136441 | DCS -SHELF END 1.63" REAR                       | 1    |
| REV. A   |          |                                                 |      |

## DCS - Hydraulic Crimping Option, Low Profile (99905019)



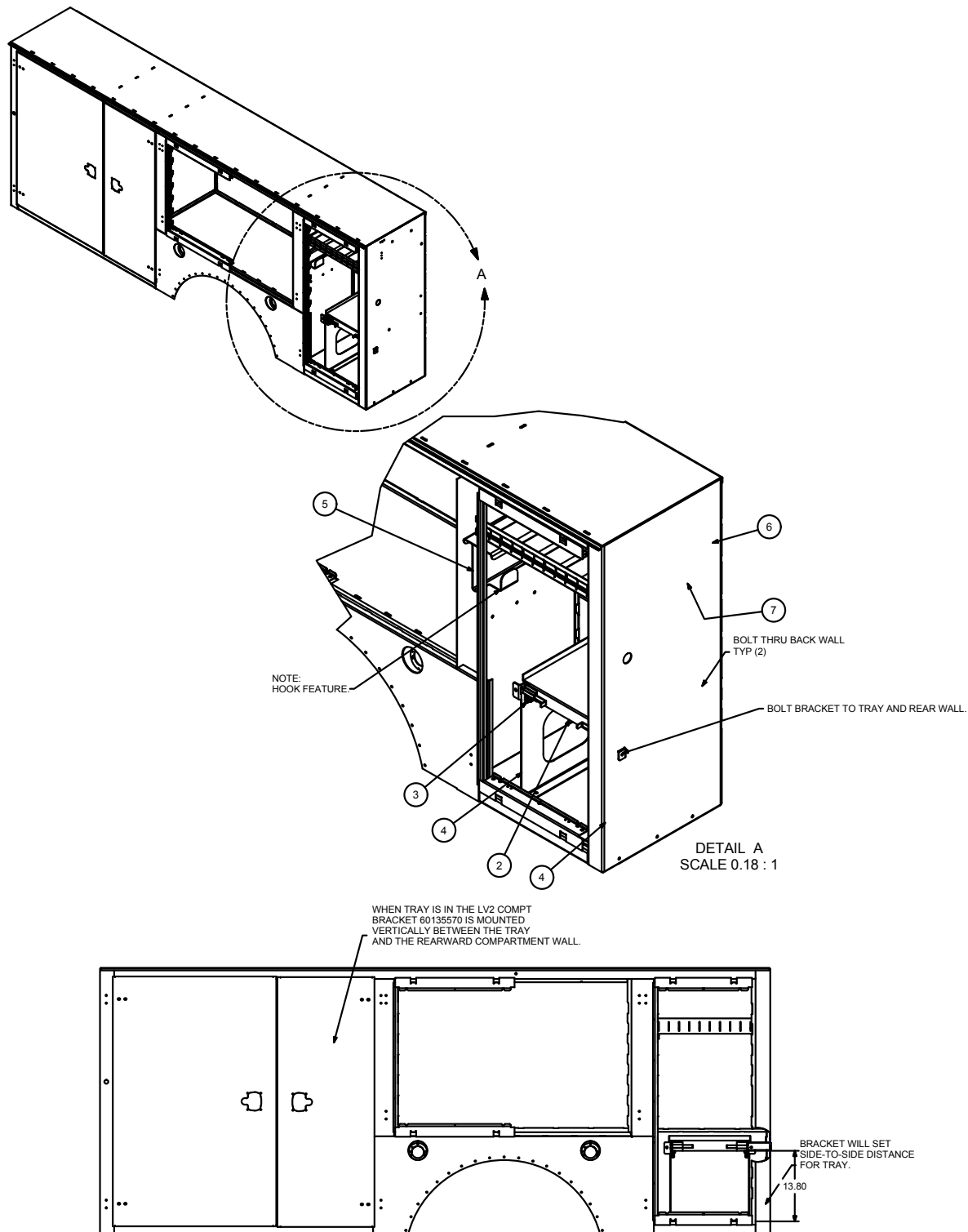
Use kit number: **51723607**

**99905019 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                            | QTY. |
|----------|----------|----------------------------------------|------|
| 1.       | 99904635 | SDPK-DOMCS(II) D1-11 LH 52H            | 1    |
| 2.       | 52723606 | PANEL-TRAY 16.75X 13.75W               | 1    |
| 3.       | 70731440 | DRAWER SLIDE-16IN LG (3.00IN H)        | 2    |
| 4.       | 60136247 | MTG BRKT-ROLLOUT TRAY 6.00L TALL       | 2    |
| 5.       | 60143495 | D(III)-SHELF END 5.25" W-HOSE HOOKS    | 1    |
| 6.       | 60136443 | DCS -SHELF 3" W/DIV 26.00              | 1    |
| 7.       | 60136440 | DCS -SHELF END 3.44" RF & LR           | 1    |
| 8.       | 60136860 | DCS -DIVIDER-DRAWER ALUM 2.88 X 18.125 | 5    |
| 9.       | 60135570 | BRACKET-CRIMPING TRAY                  | 1    |
| REV. C   |          |                                        |      |

**NOTE:** The pump will rest on the rollout tray which will allow for the hose being crimped to be inserted from under the tray and into the crimping tool at the top of the side pack compt. There will be a 3" H divided shelf for crimping dies. This shelf is installed on the second shelf tab from the top of the compartment. The divided shelf ends will supply two hooks for customer hoses.

## DCS - Hydraulic Crimping Option (99904692)



Use kit number: 51723228

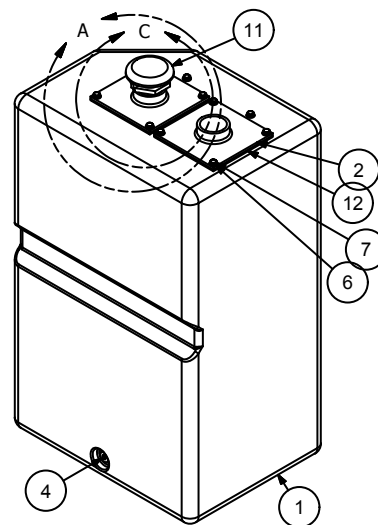
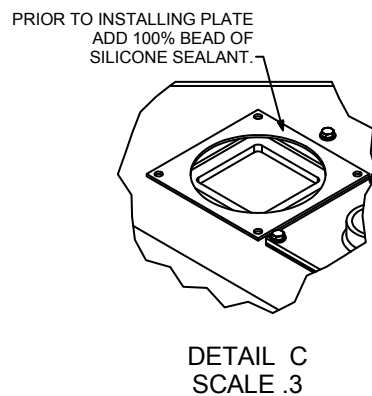
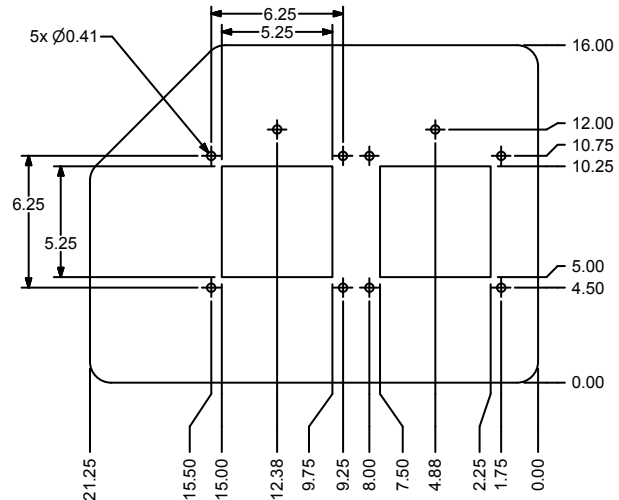
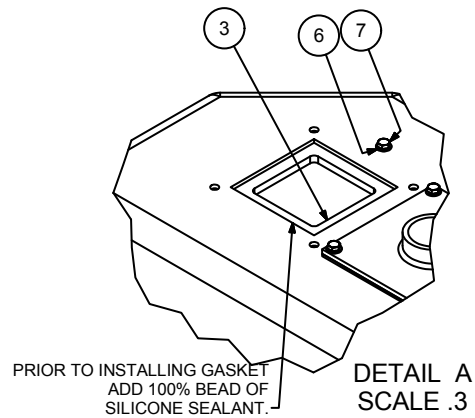
**99904692 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                          | QTY. |
|----------|----------|--------------------------------------|------|
| 1.       | 99904635 | SDPK-DOMCS D1-11 LH 52H              | 1    |
| 2.       | 52713999 | PANEL-TRAY 16.75X 15.75W             | 1    |
| 3.       | 70731440 | DRAWER SLIDE-16in LG (3.00in H)      | 2    |
| 4.       | 60134552 | MTG BRKT-ROLLOUT TRAY 17.75L TALL    | 2    |
| 5.       | 60134553 | DCS-SHELF END 5.25" W-HOSE HOOKS     | 1    |
| 6.       | 60126409 | DCS-SHELF 3" W/DIV 26.00             | 1    |
| 7.       | 60126697 | DCS-SHELF END 3.44" RV1 FRT          | 1    |
| 8.       | 60251115 | DCS-DIVIDER-DRAWER ALUM 2.88 X 18.75 | 5    |
| 9.       | 60135570 | BRACKET-CRIMPING TRAY                | 1    |

REV. A

**NOTE:** The pump will rest on the floor of the compartment. The rollout tray is used to create a work surface and is to travel over the pump at the top of the sidepack compartment. There will be a 3" H divided shelf for crimping dies. This shelf is to be installed high in the compartment. Supply 14" minimum between the bottom of the rollout tray and the floor of the compartment. The rollout tray must travel over the customer's hydraulic crimping tool pump. One of the divided shelf ends will supply two hooks for customer hoses.

## DCS - Lube Fill Modification, 45-Gallon Poly Tank (99905162)



OIL TANK CONFIGURATION (51724019)



**99905162 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                             | QTY. |
|----------|----------|-----------------------------------------|------|
| 1.       | 70034461 | TANK-WATER 45 GAL PLASTIC PRED FRESH    | 1    |
| 2.       | 52709490 | MTG PLT-LUBE PUMP LINC 485 2.00IN COUPL | 2    |
| 3.       | 60137331 | MTG PLT-LUBE PUMP W/POLY TANK           | 2    |
| 4.       | 72532662 | PLUG-PIPE SOC HEX STL .75               | 1    |
| 6.       | 72063002 | WASHER .31 FLAT                         | 10   |
| 7.       | 72060025 | CAP SCR .31-18X 1.00 HH GR5 Z           | 10   |
| 8.       | 72533514 | ADPTR-BREATHER FILTER OIL TANK          | 1    |
| 11.      | 70732184 | FILL NECK ASM-VENTED CAP 2IN 50         | 1    |
| 12.      | 76392369 | GASKET-LUBE TANK .12 THK 7X7            | 2    |
| REV. A   |          |                                         |      |

**NOTES:**

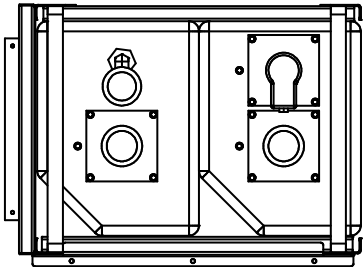
1. Prior to installing gasket, add bead of 100% silicone sealant.
2. Prior to installing plate, add bead of 100% silicone sealant.



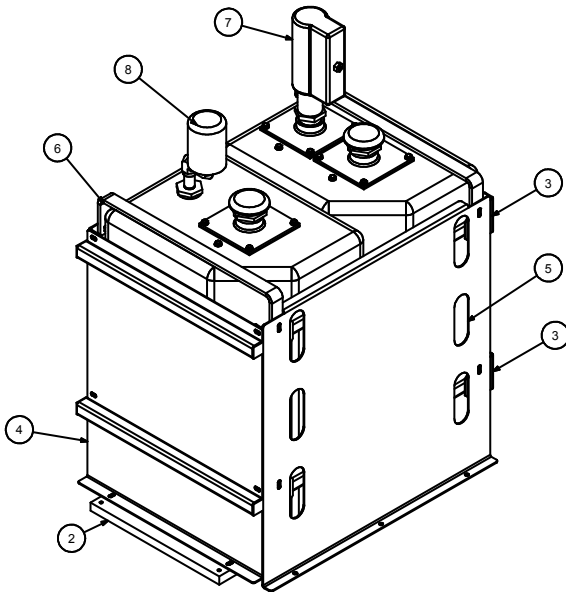
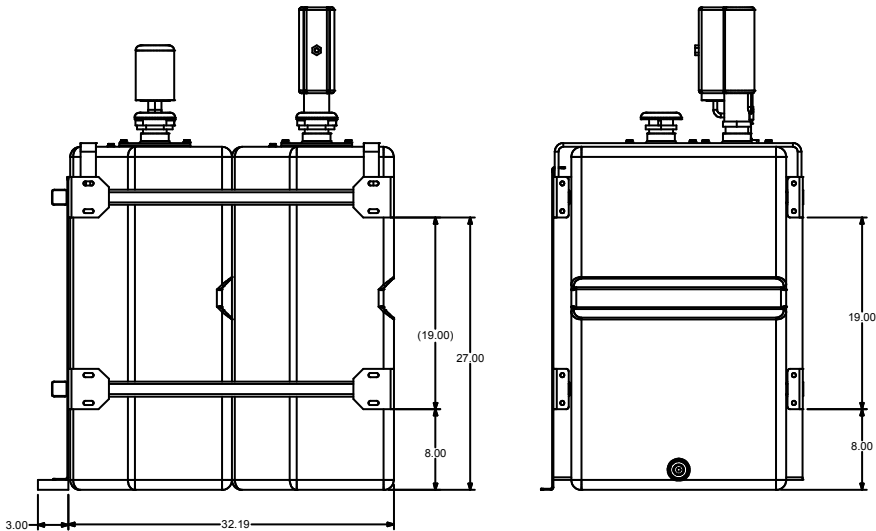
**99905162-1 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                             | QTY. |
|----------|----------|-----------------------------------------|------|
| 1.       | 70034461 | TANK-WATER 45 GAL PLASTIC PRED FRESH    | 1    |
| 2.       | 52709490 | MTG PLT-LUBE PUMP LINC 485 2.00IN COUPL | 2    |
| 3.       | 60137331 | MTG PLT-LUBE PUMP W/POLY TANK           | 2    |
| 4.       | 72532662 | PLUG-PIPE SOC HEX STL .75               | 1    |
| 5.       | 72534432 | UNION-BULKHEAD PVC .75 NPT W-GASKET     | 1    |
| 6.       | 72063002 | WASHER .31 FLAT                         | 10   |
| 7.       | 72060025 | CAP SCR .31-18X 1.00 HH GR5 Z           | 10   |
| 8.       | 72533514 | ADPTR-BREATHER FILTER OIL TANK          | 1    |
| 9.       | 73054974 | FILTER-BREATHER OIL RESERVOIR           | 1    |
| 10.      | 72053556 | ELBOW-STREET STL .75 X 90 DEG           | 3    |
| 11.      | 70732184 | FILL NECK ASM-VENTED CAP 2IN 50         | 1    |
| 12.      | 76392369 | GASKET-LUBE TANK .12 THK 7X7            | 2    |
| 13.      | 73054230 | VALVE-BALL .75                          | 1    |
| 14.      | 72053676 | ADPTR-MPT/M JIC .75 12                  | 1    |
| 15.      | 72533371 | UNION-BULKHEAD JIC 12 (1 1/16-12)       | 1    |
| 16.      | 72063066 | WASHER 1.00 FLAT HI STR                 | 1    |
| REV. A   |          |                                         |      |

DCS - Poly Tank Fence (99905442)



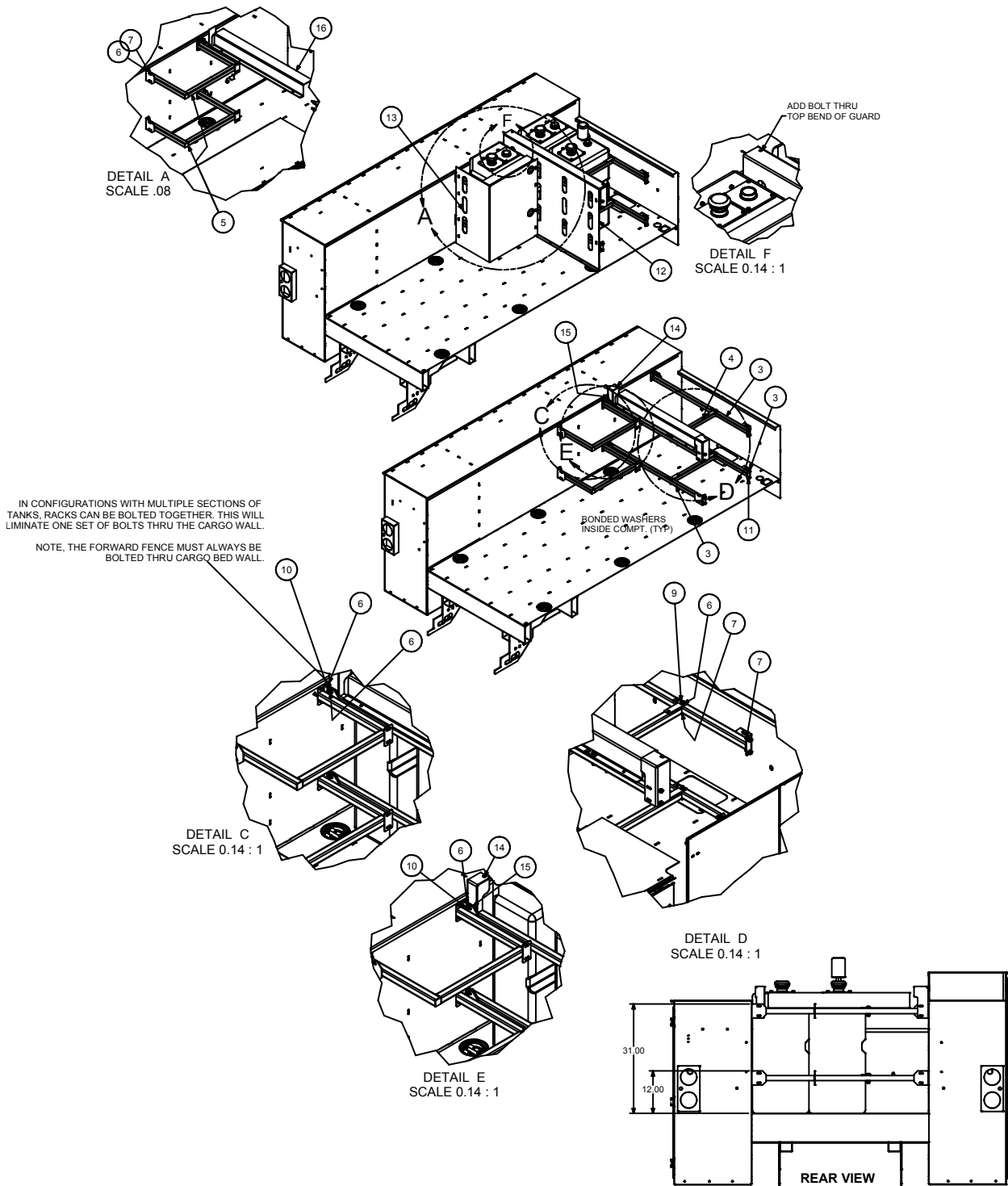
Poly Fence Kit: 51725073



**99905442 PARTS LIST**

| ITEM NO.             | PART NO. | DESCRIPTION                                | QTY. |
|----------------------|----------|--------------------------------------------|------|
| 1.                   | 51724019 | TANK-ASM 45 GAL POLY DOMCS OIL             | A/R  |
| 2.                   | 60140762 | BAR-POLY TANK MOUNT DOMCS                  | 1    |
| 3.                   | 52723402 | FENCE-DOMCS WITH POLY TANK CROSS CARGO BED | 4    |
| 4.                   | 52723403 | FENCE-DOMCS WITH POLY TANK END LOCK        | 1    |
| 5.                   | 60251479 | GUARD-POLY TANK DOMCS DUAL                 | 1    |
| 6.                   | 60137960 | BAR-HOLD DOWN POLY TANK DOMCS              | 2    |
| 7.                   | 70733533 | PUMP-OIL ARO 5:1 AIR                       | A/R  |
| 8.                   | 51724020 | TANK-ASM 45 GAL POLY DOMCS SALV            | A/R  |
| REV. INITIAL RELEASE |          |                                            |      |

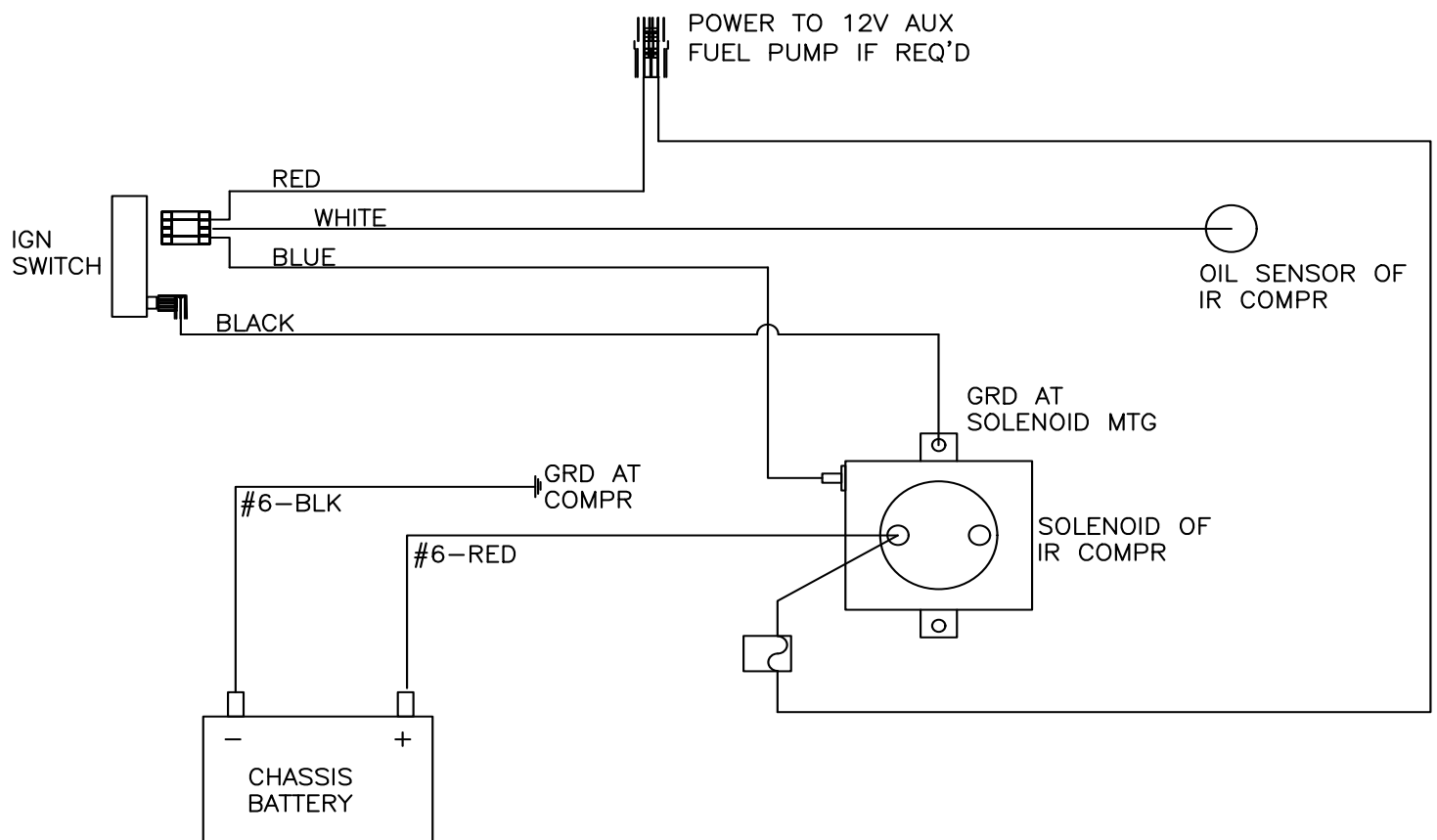
## DCS - Poly Tank (99905177)



**99905177 PARTS LIST**

| ITEM NO.             | PART NO. | DESCRIPTION                                    | QTY. |
|----------------------|----------|------------------------------------------------|------|
| 1.                   | 51724019 | TANK-ASM 45 GAL POLY DOMCS OIL                 | 2    |
| 2.                   | 51724020 | TANK-ASM 45 GAL POLY DOMCS SALV                | 1    |
| 3.                   | 52723264 | FENCE-DOMCS WITH POLY TANK CROSS CARGO BED     | 3    |
| 4.                   | 52723265 | FENCE-DOMCS WITH POLY TANK END LOCK            | 2    |
| 5.                   | 52723266 | FENCE-DOMCS WITH POLY TANK SINGLE TANK         | 2    |
| 6.                   | 72063003 | WASHER .38 FLAT                                | 36   |
| 7.                   | 72062103 | NUT .38-16 HEX NYLOCK                          | 30   |
| 8.                   | 72060046 | CAP SCR .38-16X 1.00 HH GR5 Z                  | 24   |
| 9.                   | 72060052 | CAP SCR .38-16X 2.50 HH GR5 Z                  | 4    |
| 10.                  | 72060047 | CAP SCR .38-16X 1.25 HH GR5 Z                  | 2    |
| 11.                  | 76392821 | WASHER-BONDED .38 PLTD                         | 20   |
| 12.                  | 60251472 | GUARD-POLY TANK DOMCS MULTI                    | 1    |
| 13.                  | 60251473 | GUARD-POLY TANK DOMCS SINGLE 32H               | 1    |
| 14.                  | 52723307 | FENCE-DOMCS WITH POLY TANK CROSS CARGO BED 32H | 1    |
| 15.                  | 60137900 | BRACKET-DOMCS POLY FENCE-PAINTED               | 4    |
| 16.                  | 60143161 | BRACKET-POLY HOLD DOWN DOMCS                   | 1    |
| 17.                  | 60136392 | DS3 - TAIL LIGHT BOX                           | 2    |
| REV. INITIAL RELEASE |          |                                                |      |

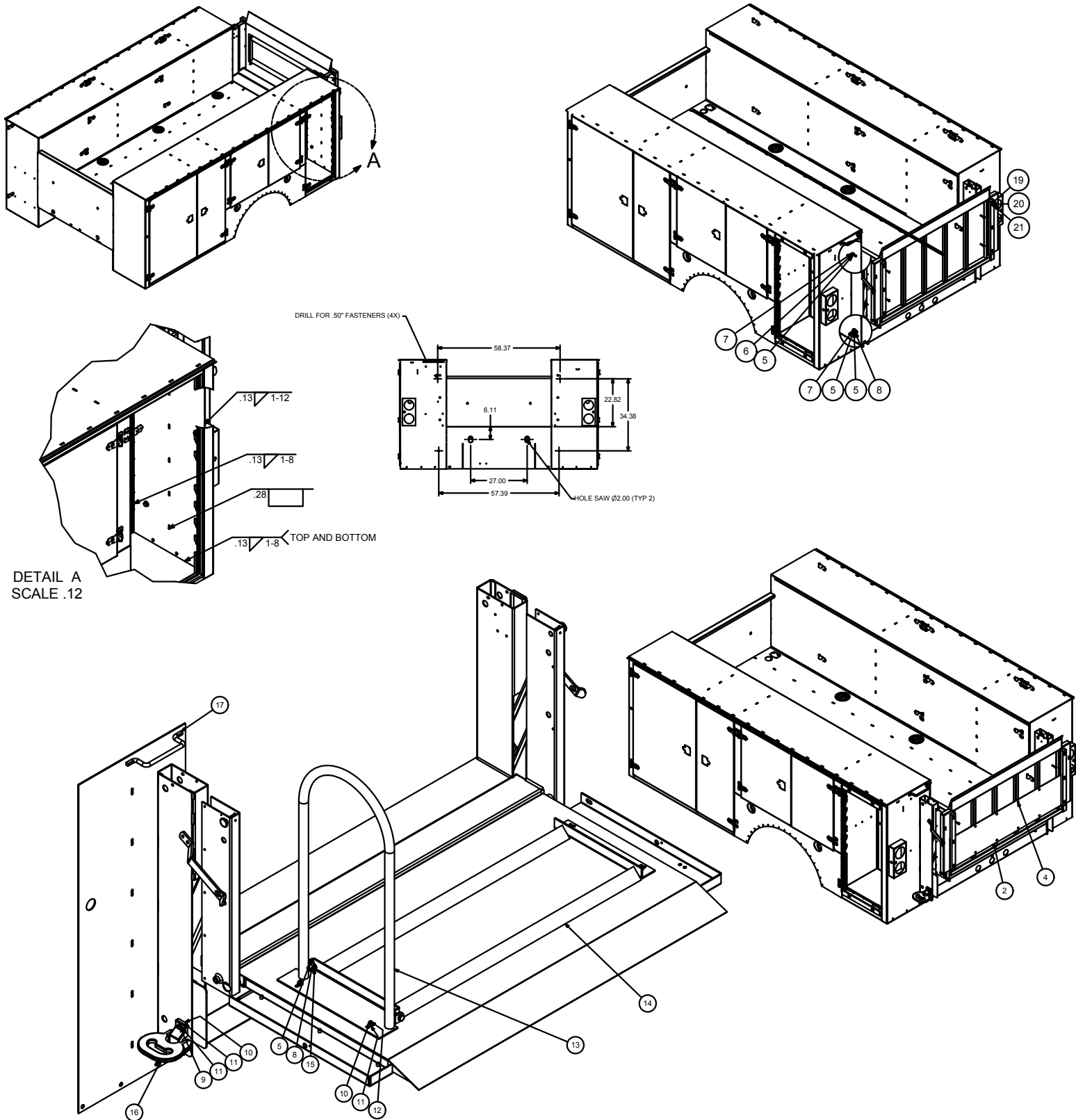
## DCS - Installation (Ingersoll-Rand Compressor) (99904672)





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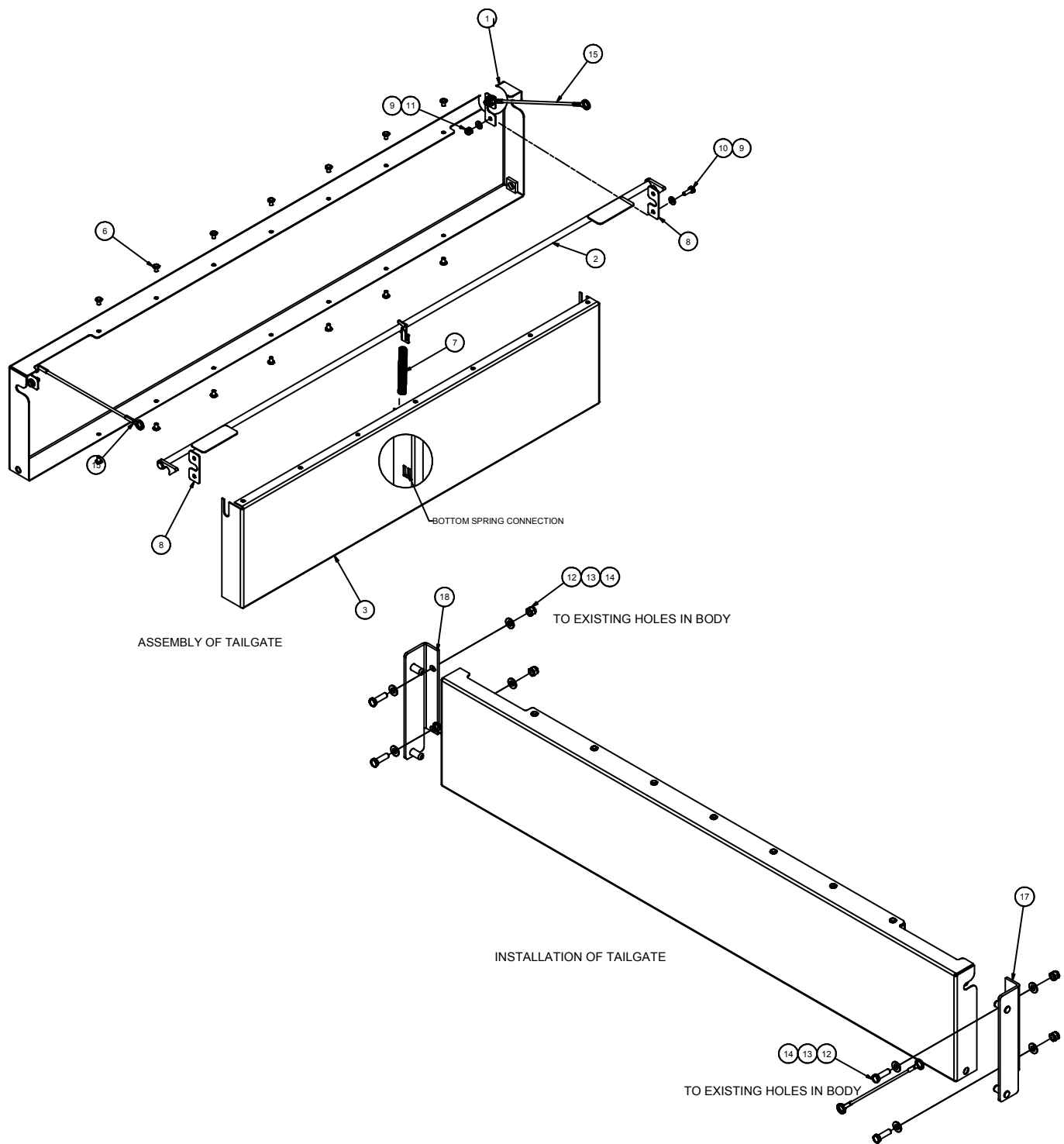
## DCS - Installation, Contractor Series Load Gate (99904657)



**99904657 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                            | QTY. |
|----------|----------|----------------------------------------|------|
| 1.       | 70734523 | LOADGATE-G2-60-1650 PAINT (DOMCS)      | 1    |
| 2.       | 60136216 | PANEL-LOADGATE DECAL DOMCS             | 1    |
| 3.       | 60030309 | WEAR PAD-LOADGATE 16-86                | 2    |
| 4.       | 72066349 | RIVET-POP SS .188 X .50 GRIP           | 8    |
| 5.       | 72063005 | WASHER .50 FLAT                        | 8    |
| 6.       | 72063053 | WASHER .50 LOCK                        | 2    |
| 7.       | 72060094 | CAP SCR .50-13X 1.75 HH GR5 Z          | 4    |
| 8.       | 72062080 | NUT .50-13 HEX NYLOCK                  | 4    |
| 9.       | 72060026 | CAP SCR .31-18X 1.25 HH GR5 Z          | 2    |
| 10.      | 72062109 | NUT .31-18 HEX NYLOCK                  | 7    |
| 11.      | 72063002 | WASHER .31 FLAT                        | 8    |
| 12.      | 72060032 | CAP SCR .31-18X 2.75 HH GR5 Z          | 4    |
| 13.      | 52706335 | SIDE RAIL-WLDMT LOADGATE               | 1    |
| 14.      | 52722002 | TIRE STOP-WLDMT 90R LOADGATE 50"W GATE | 1    |
| 15.      | 72060092 | CAP SCR .50-13X 1.25 HH GR5 Z          | 2    |
| 16.      | 70732068 | STEP/HAND-GRIP, FOLD DOWN FOR LOADGATE | 1    |
| 17.      | 72661467 | HANDLE-BODY BOLT ON 7.0X2.5BLK         | 1    |
| 18.      | 60134396 | PANEL-LOADGATE REINFORCEMENT           | 1    |
| 19.      | 72063003 | WASHER .38 FLAT                        | 6    |
| 20.      | 72063051 | WASHER .38 LOCK                        | 6    |
| 21.      | 72060047 | CAP SCR .38-16X 1.25 HH GR5 Z          | 6    |
| REV. B   |          |                                        |      |

## DCS - Tailgate Kit (51718801)



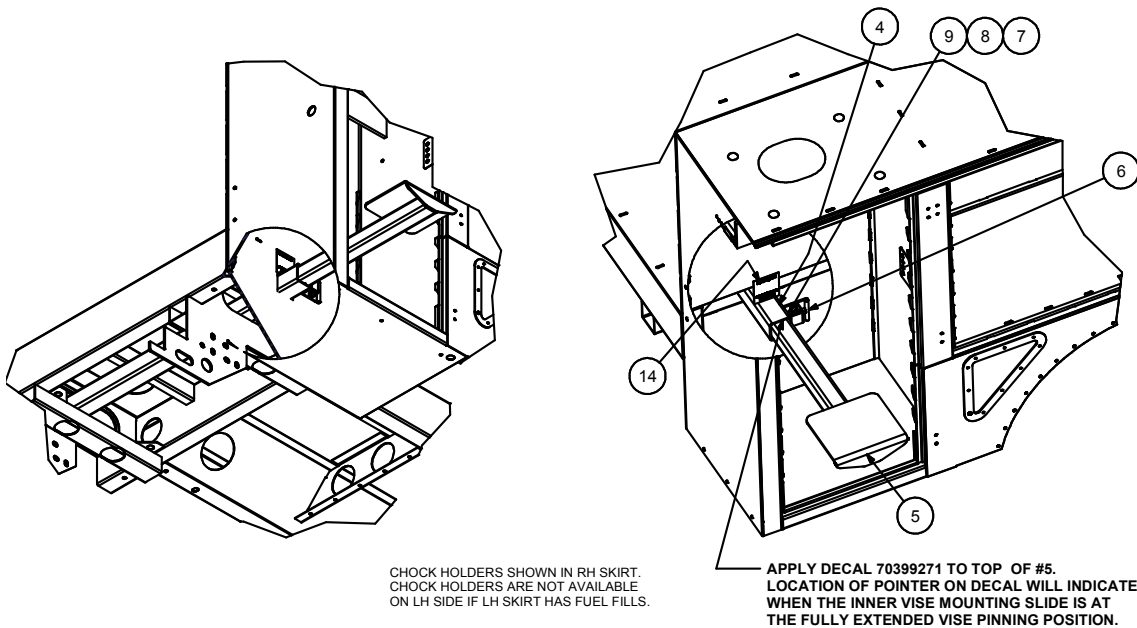
**51718801 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                            | QTY. |
|----------|----------|----------------------------------------|------|
| 1.       | 52718802 | D(II)-TAILGATE WLDMT REAR COVER        | 1    |
| 2.       | 52718803 | D(II)-TAILGATE WLDMT LATCH ROD         | 1    |
| 3.       | 52718804 | D(II)-TAILGATE WLDMT FRONT COVER       | 1    |
| 6.       | 72661226 | RIVET-AL .257 DIA X .38 GRIP           | 14   |
| 7.       | 71411138 | SPRING-EXTENSION .50 X 3.50 X 14GA     | 1    |
| 8.       | 60126539 | D(II)-BRKT TAILGATE REAR COVER         | 2    |
| 9.       | 72063001 | WASHER .25 FLAT                        | 8    |
| 10.      | 72060002 | CAP SCR .25-20X .75 HH GR5 Z           | 4    |
| 11.      | 72062104 | NUT .25-20 HEX NYLOCK                  | 4    |
| 12.      | 72063003 | WASHER .38 FLAT                        | 8    |
| 13.      | 72060047 | CAP SCR .38-16X 1.25 HH GR5 Z          | 4    |
| 14.      | 72062103 | NUT .38-16 HEX NYLOCK                  | 4    |
| 15.      | 72661600 | CABLE-PLASTIC COATED .19 X 13"L W/EYES | 2    |
| 17.      | 52719638 | D(II)-TAILGATE POST WLDMT RH W-SPACE   | 1    |
| 18.      | 52719639 | D(II)-TAILGATE POST WLDMT LH W-SPACE   | 1    |
| REV. G   |          |                                        |      |

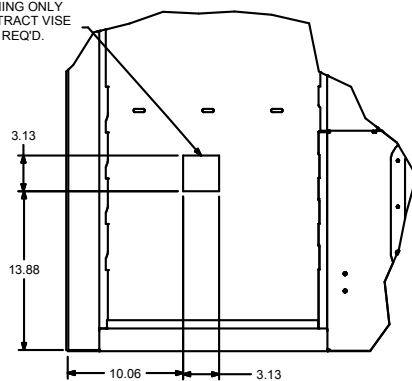
**NOTES:**

1. Install rod wldmt #2 into panel #3 slots.
2. Connect spring #7 between panel #3 bracket and rod #2 bracket.
3. Join panel #1 over panel #3.
4. Connect panel #1 to panel #3 with rivet #6.
5. Insert lower mounting pin of mounting bracket #17-#18 into lower hole of assembled tailgate.
6. Bolt assembly to rear of body.
7. Cable #15 will share the top mounting hole in bracket #17-#18. The other end of this cable will be attached to the top end of the tailgate. This will hold the open tailgate parallel to the cargo floor.

## DCS - Rock Guard, Wheel Chocks & Vise (99904659)

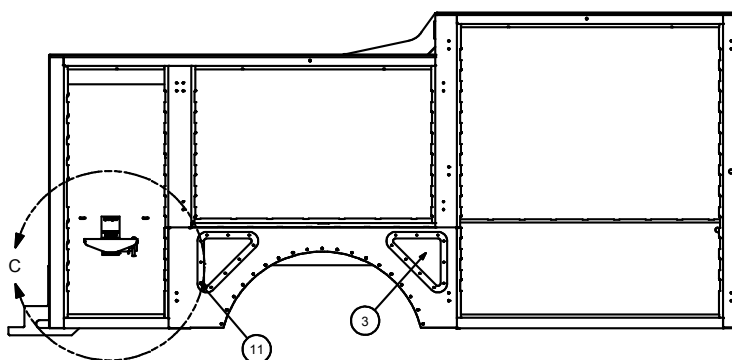
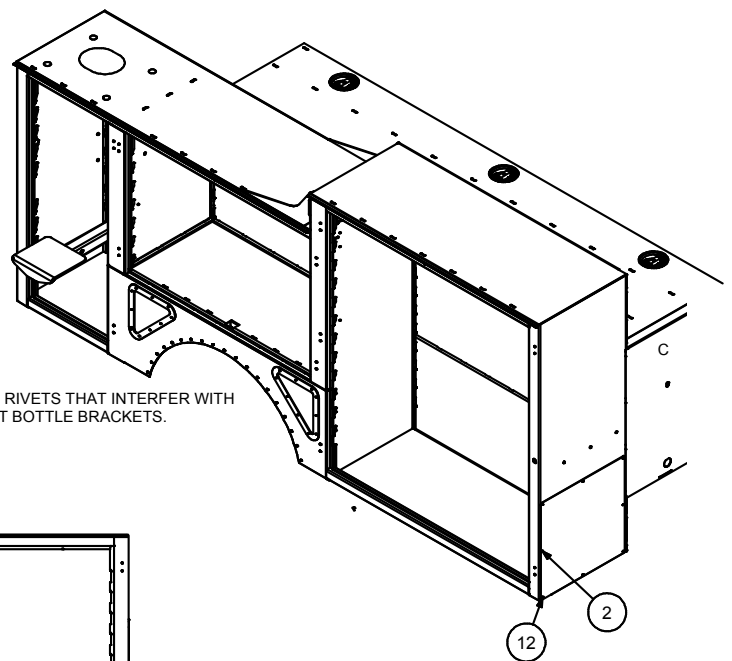


CUT OPENING ONLY  
WHEN RETRACT VISE  
MOUNT IS REQ'D.



DETAIL C  
SCALE 1 / 5

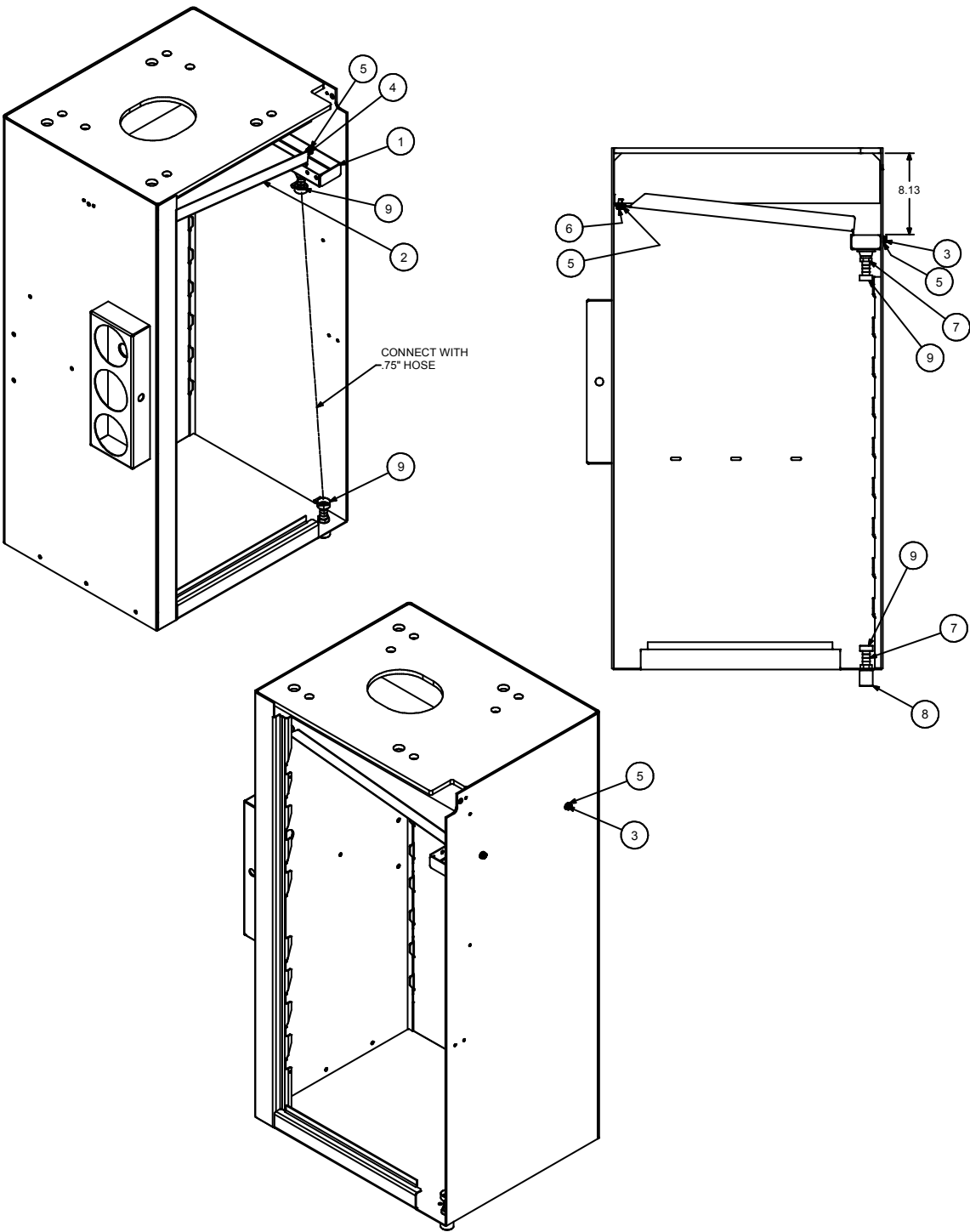
DELETE RIVETS THAT INTERFERE WITH  
OXY/ACT BOTTLE BRACKETS.



**99904659 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                                     | QTY. |
|----------|----------|-------------------------------------------------|------|
| 1.       | 60123785 | CHOCK-TRIM RING ON DOM SKIRT                    | 2    |
| 2.       | 60251408 | GUARD-ROCK .063 ALUM 21.00X 21.00               | 1    |
| 3.       | 60133535 | PANEL-CHOCK HOLDER DOM SKIRT WELD IN            | 2    |
| 4.       | 52722351 | HOUSING-VISE MOUNT IN COMPT                     | 1    |
| 5.       | 52722352 | VISE MOUNTING SLIDE-INNER                       | 1    |
| 6.       | 52070138 | PIN-WLDMT - T (THRU .38 THICKNESS)              | 1    |
| 7.       | 60010351 | SPRING-COMPRESSION .062 X 1.50 X .845OD         | 1    |
| 8.       | 72063007 | WASHER .62 FLAT                                 | 2    |
| 9.       | 72066185 | COTTER PIN .16X1.00 PLAIN                       | 1    |
| 10.      | 72062123 | NUT-SS #10-24 NYLOC                             | AR   |
| 11.      | 72601823 | SCR-MACH #10-24X .75 RDH PH SS                  | AR   |
| 12.      | 72661418 | RIVET-POP AL .188 X .50 GRIP                    | AR   |
| 13.      | 70034499 | OPTIONAL- CHOCK-POLY/NYL REINF W/U-BOLT FOR DOM | AR   |
| 14.      | 70397353 | DECAL-DANGER CRUSHING                           | 1    |
| REV. G   |          |                                                 |      |

DCS - Crane Accessory Kit (99904656)

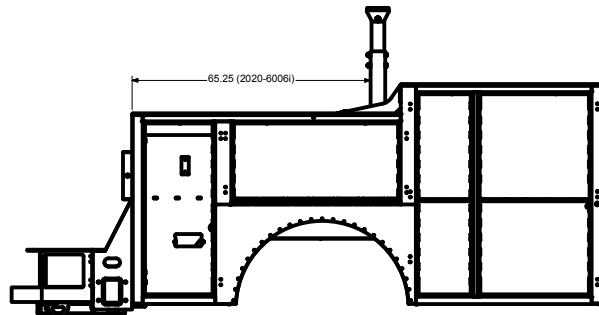




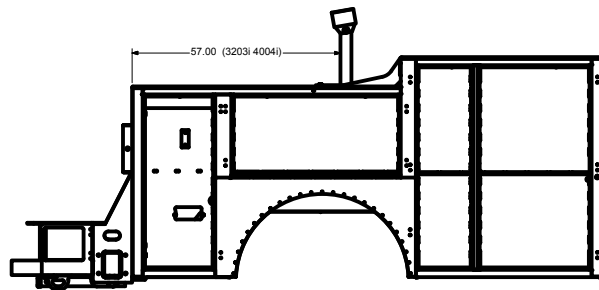
**99904656 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                        | QTY. |
|----------|----------|------------------------------------|------|
| 1.       | 52719863 | TROUGH- DRIP TRAY U RENTAL CRN BOX | 1    |
| 2.       | 60116698 | DRIP TRAY-CRANE COMPT DOM          | 1    |
| 3.       | 72060025 | CAP SCR .31-18X 1.00 HH GR5 Z      | 2    |
| 4.       | 72062109 | NUT .31-18 HEX NYLOCK              | 2    |
| 5.       | 72063002 | WASHER .31 FLAT                    | 5    |
| 6.       | 72060023 | CAP SCR .31-18X .75 HH GR5 Z       | 6    |
| 7.       | 72053458 | NIPPLE-BARB BRS .75MPT .75         | 7    |
| 8.       | 72053305 | COUPLING-BLK .75                   | 8    |
| 9.       | 72066000 | CLAMP-HOSE .50-1.25 SAE 12         | 9    |
| REV. A   |          |                                    |      |

## DCS - Boom Support Placement (99905157)

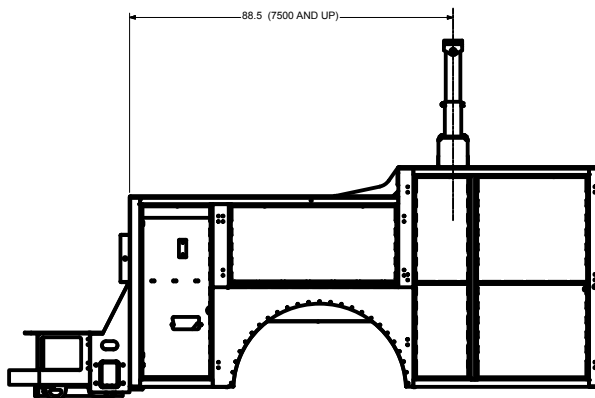


THIS VIEW APPLIES TO  
THE FOLLOWING CRANE INSTALLATIONS.  
2020 2820  
5005i 6006i



THIS VIEW APPLIES TO  
THE FOLLOWING CRANE INSTALLATIONS.  
3203i AND 4004i .

NOTE: 2003i DOES NOT REQUIRE A BOOM SUPPORT.



THIS VIEW APPLIES TO  
THE FOLLOWING CRANE INSTALLATIONS.  
7500 8600 9500 10000.

### BOOM SUPPORT INFORMATION:

51724934 TO BE USED ON THE FOLLOWING APPLICATIONS:

DOM 1 9FT RAISED FRONT RIGHT 7500 SHORT

DOM 1 11FT RAISED FRONT RIGHT 7500 SHORT ALL CHASSIS

DOM 1 11FT RAISED FRONT RIGHT 7500 LONG WITH SHORT CAB CHASSIS

51724939 TO BE USED ON THE FOLLOWING APPLICATIONS:

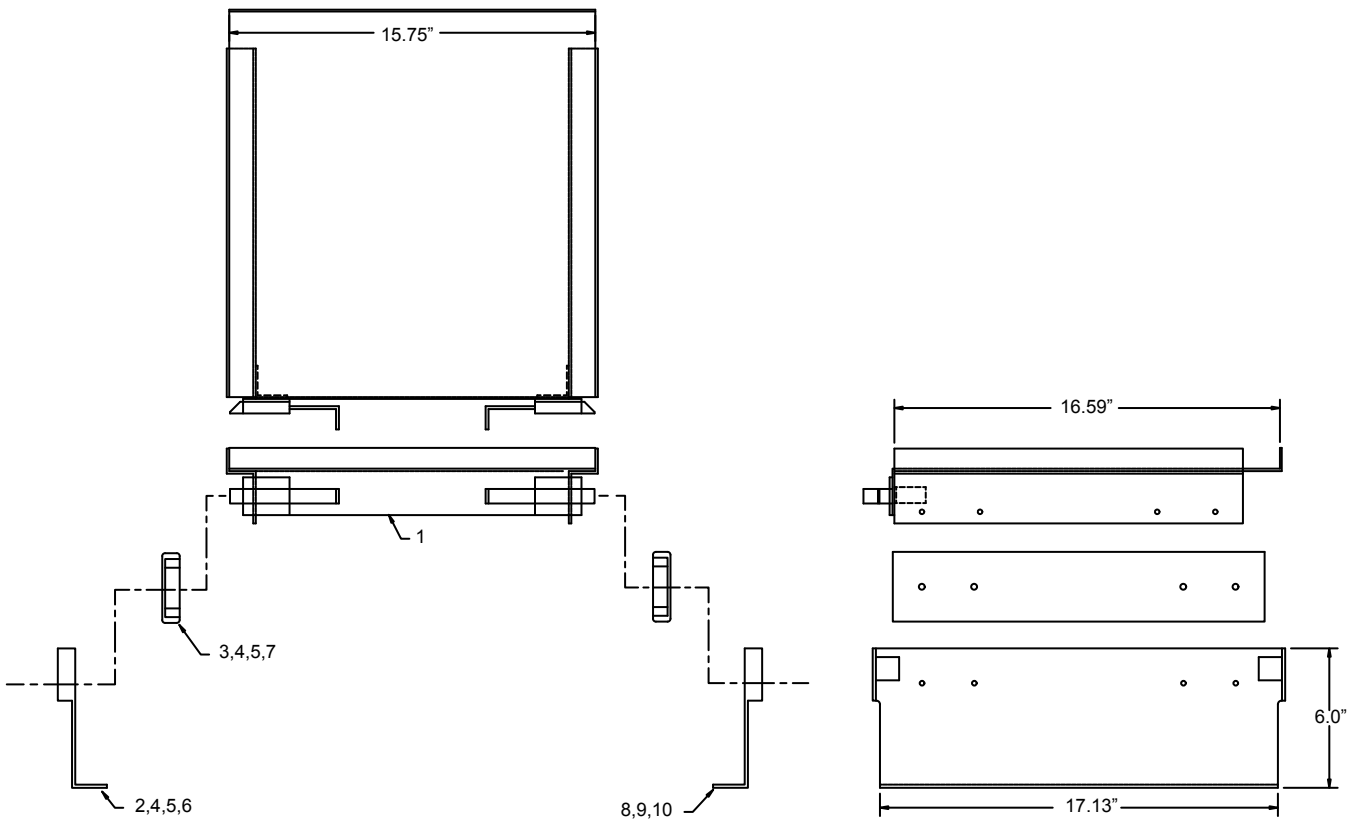
DOM 1 11FT STANDARD 7500 SHORT WITH TALL CAB CHASSIS

DOM 1 11FT STANDARD 7500 LONG WITH TALL CAB CHASSIS

DOM 2 11FT STANDARD 7500-10000 SHORT WITH TALL CAB CHASSIS

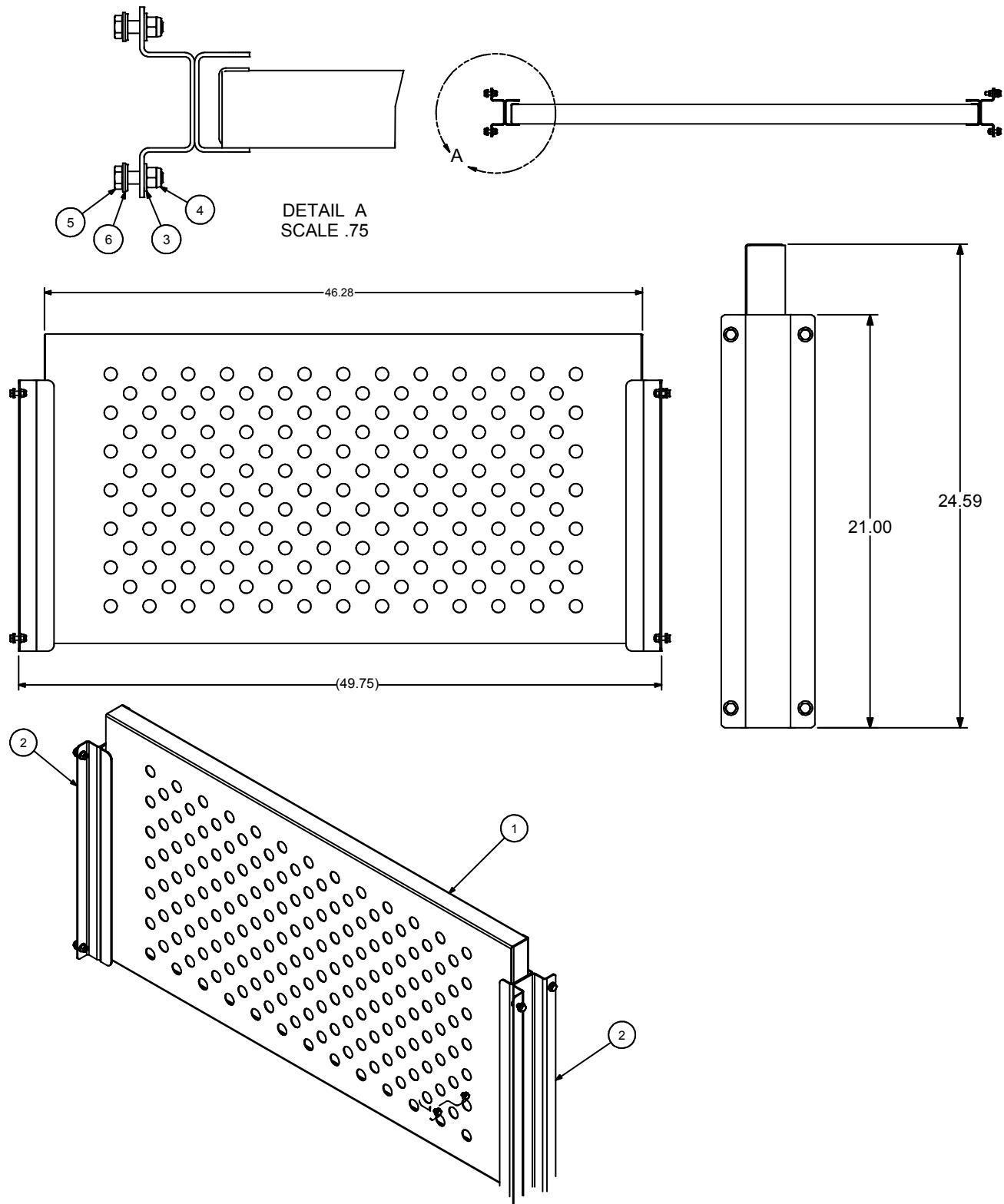
DOM 2 11FT STANDARD 7500-10000 LONG WITH TALL CAB CHASSIS

# DCS - Rollout Tray Assembly (51713998)



| ITEM NO.             | PART NO. | DESCRIPTION                  | QTY. |
|----------------------|----------|------------------------------|------|
| 1.                   | 52713999 | ROLLOUT TRAY WELDMENT        | 1    |
| 2.                   | 60114300 | MOUNTING BRACKET             | 2    |
| 3.                   | 70731440 | DRAWER SLIDE                 | 2    |
| 4.                   | 72062106 | NUT #10-24 HEX NYLOC         | 16   |
| 5.                   | 72063123 | WASHER #10 FLAT              | 16   |
| 6.                   | 72601284 | SCREW-MACH #10-24 X .63 FLH  | 8    |
| 7.                   | 72601283 | SCREW-MACH #10-24 .63 RDH    | 8    |
| 8.                   | 72601329 | CAP SCREW .31-18 X .75 BTNHD | 4    |
| 9.                   | 72063002 | WASHER .31 FLAT              | 2    |
| 10.                  | 72062109 | NUT .31-18 HEX NYLOC         | 4    |
| REV. INITIAL RELEASE |          |                              |      |

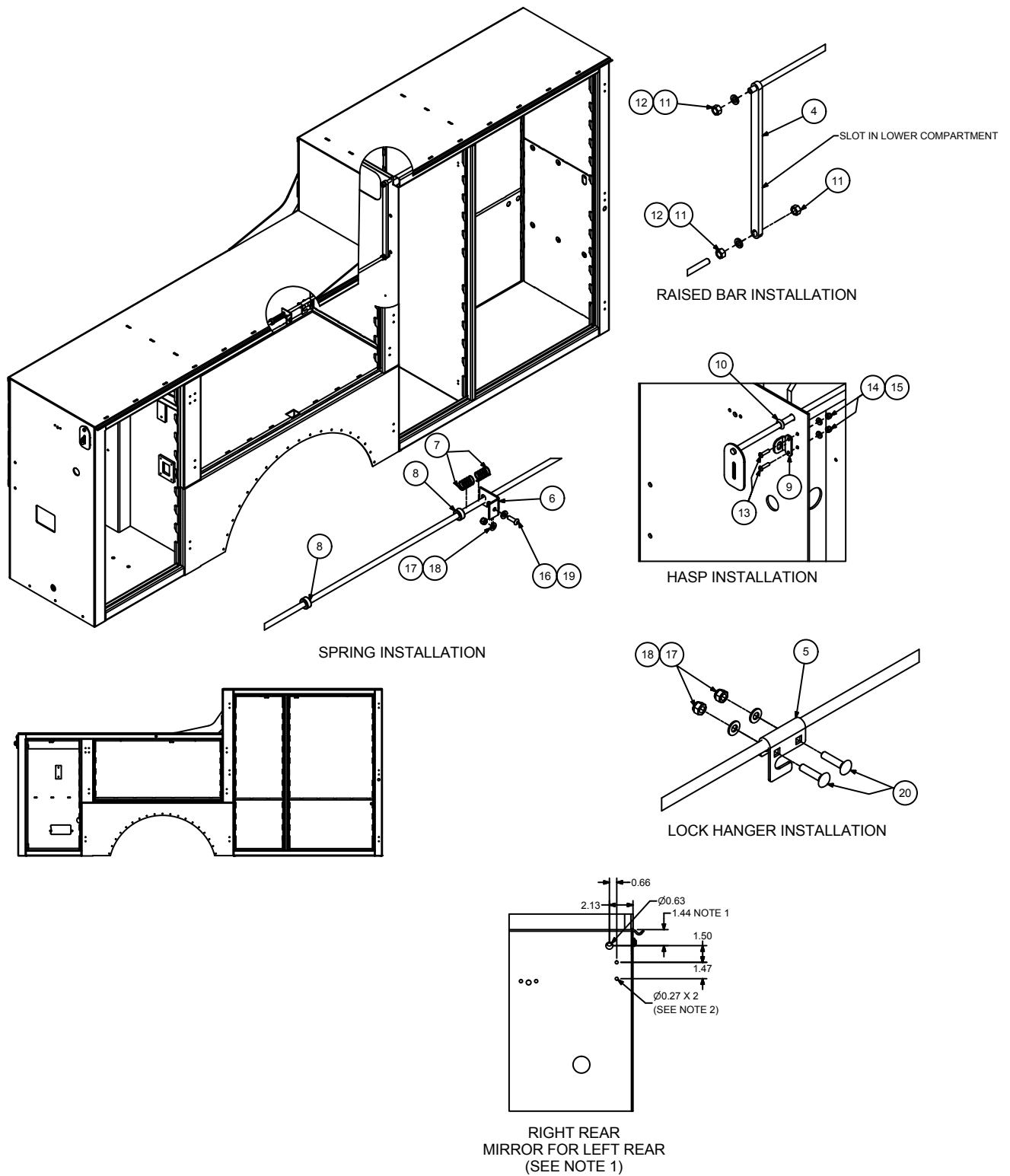
## DCS - Removable Gate (51712986)



**51712986 PARTS LIST**

| ITEM NO.             | PART NO. | DESCRIPTION                   | QTY. |
|----------------------|----------|-------------------------------|------|
| 1.                   | 52712987 | GATE-WLDMT REMOVABLE (MECH)   | 1    |
| 2.                   | 52725530 | BRACKET-WLDMT REMOVABLE GATE  | 2    |
| 3.                   | 72063002 | WASHER .31 FLAT               | 8    |
| 4.                   | 72062109 | NUT .31-18 HEX NYLOCK         | 8    |
| 5.                   | 72060025 | CAP SCR .31-18X 1.00 HH GR5 Z | 8    |
| 6.                   | 76392598 | WASHER-BONDED PLTD .31        | 8    |
| REV. INITIAL RELEASE |          |                               |      |

## DCS - Master Lock System (99906150)



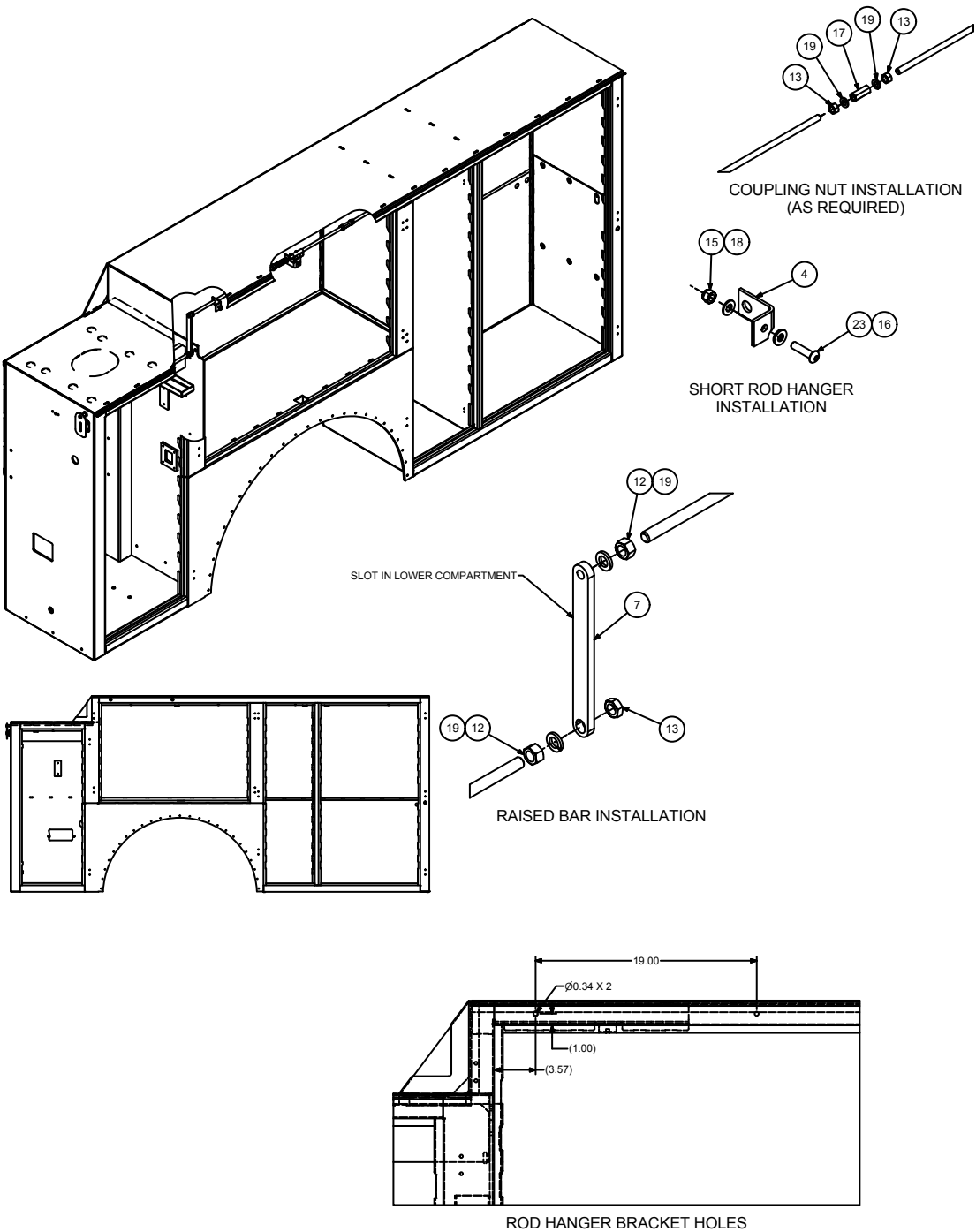
**99906150 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                             | QTY. |
|----------|----------|-----------------------------------------|------|
| 1.       | 99904995 | DS3 -SDPK DOM1-11 RH RSD 1-2 W/ CRANE   | A/R  |
| 2.       | 52726836 | ROD-MSTR LOCK 77.50IN ASM               | A/R  |
| 3.       | 60144207 | ROD-MSTR LOCK 30IN TH                   | A/R  |
| 4.       | 60144211 | LINKAGE - MSTR LOCK 16IN                | A/R  |
| 4.       | 60144355 | LINKAGE - MSTR LOCK 8IN                 | A/R  |
| 5.       | 60144212 | BRACKET-ROD STOP RH LOCK                | A/R  |
| 5.       | 60117214 | BRACKET-ROD STOP LH LOCK                | 1    |
| 6.       | 60117214 | BRACKET-ROD HANGER MASTER LOCK          | A/R  |
| 7.       | 60010351 | SPRING-COMPRESSION .062 X 1.50 X .845OD | A/R  |
| 8.       | 70143654 | COLLAR-SHAFT 1 PIECE 1/2 IN.            | A/R  |
| 9.       | 60144213 | HASP EYE - .5 SHACKLE SS                | A/R  |
| 10.      | 70034277 | GROMMET-POLY .52ID GR-5/8-UL            | A/R  |
| 11.      | 72062004 | NUT .50-13 HEX                          | A/R  |
| 12.      | 72063053 | WASHER .50 LOCK                         | A/R  |
| 13.      | 72602140 | SCR-MACH .25-20X 1.00 BTNHD HEX SS      | A/R  |
| 14.      | 72062104 | NUT .25-20 HEX NYLOCK                   | A/R  |
| 15.      | 76392820 | WASHER-BONDED .25 PLTD                  | A/R  |
| 16.      | 72601590 | SCR-MACH .31-18X 1.00 BTNHD HEX SS      | A/R  |
| 17.      | 72062109 | NUT .31-18 HEX NYLOCK                   | A/R  |
| 18.      | 72063002 | WASHER .31 FLAT                         | A/R  |
| 19.      | 72062314 | WASHER-BONDED .31 SS                    | A/R  |
| 20.      | 72601435 | BOLT-CRG .31-18X 1.25 SQNK GR2          | A/R  |
| REV. B   |          |                                         |      |

**NOTES:**

1. Left rear ø5/8" is 1.19 From top.
2. Caution: if drilling in completed body, wiring could be behind.

99906150-1, MASTER LOCK, CONTINUED





**99906150-1 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                             | QTY. |
|----------|----------|-----------------------------------------|------|
| 1.       | 99905092 | SDPK-DS3 -DOM2-11 RH R60 W CRN          | A/R  |
| 2.       | 52726925 | ROD-MSTR LOCK 27.38IN 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  |
| 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  |
| REV. B   |          |                                         |      |

## DCS - Master Lock Kits

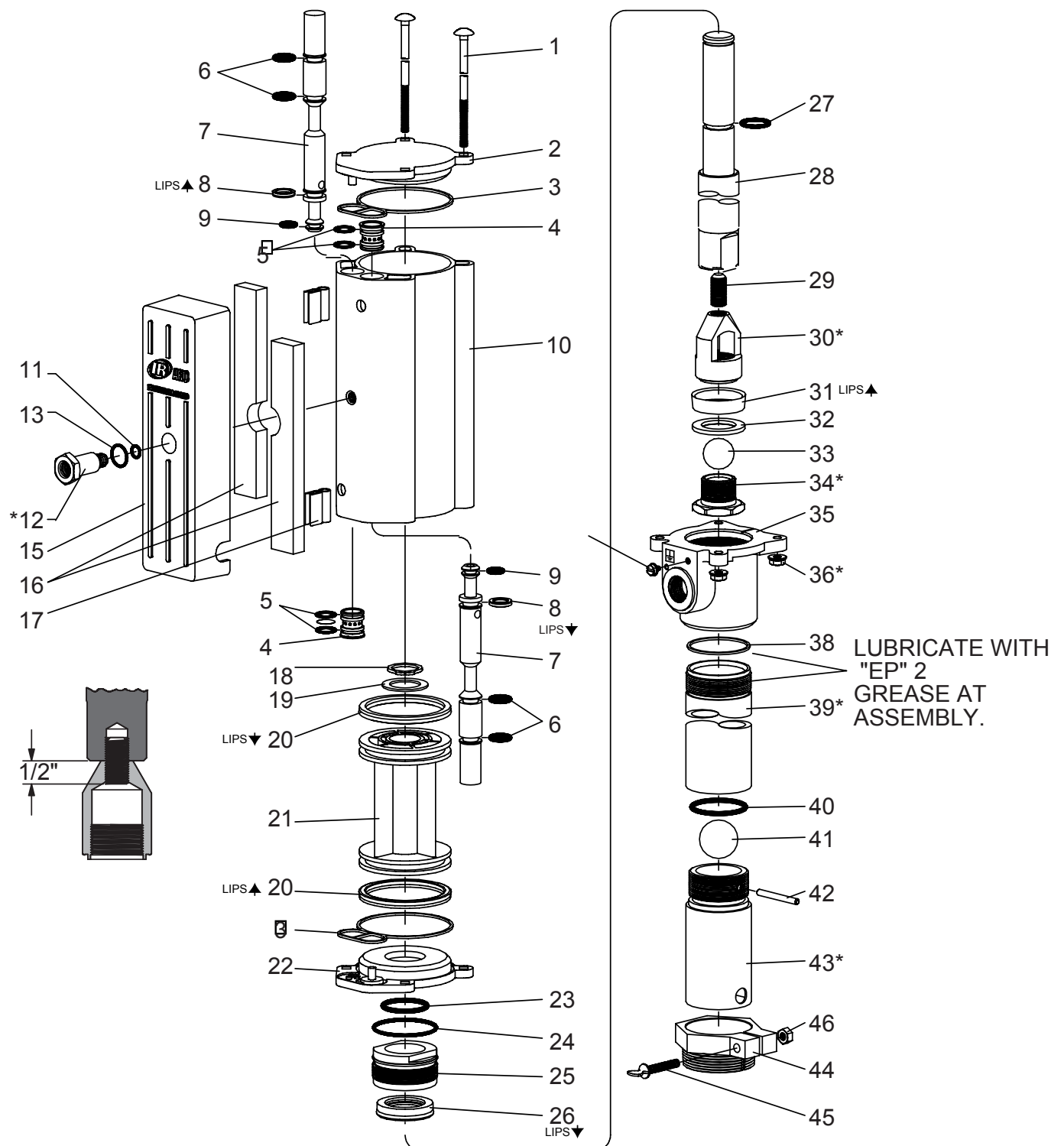
| KIT NUMBERS | BODY DESCRIPTION                                             |
|-------------|--------------------------------------------------------------|
| 51735008    | 11-FOOT DOMINATOR WITH RIGHT AND LEFT STANDARDS              |
| 51735079    | 11-FOOT DOMINATOR WITH RIGHT FRONT RAISED AND LEFT STANDARDS |

| PART NO. | DESCRIPTION                             | KIT NUMBERS |          |
|----------|-----------------------------------------|-------------|----------|
|          |                                         | 51735008    | 51735079 |
|          |                                         | QTY.        | QTY.     |
| 52726835 | ROD-MSTR LOCK 105in ASM                 | 2           | 1        |
| 52726836 | ROD-MSTR LOCK 77.50in ASM               | -           | 1        |
| 60144537 | ROD-MSTR LOCK 36in TH                   | -           | 1        |
| 60144355 | LINKAGE - MSTR LOCK 8in                 | -           | 1        |
| 60144214 | BRACKET-ROD STOP RH LOCK                | 4           | 4        |
| 60144212 | BRACKET-ROD STOP LH LOCK                | 4           | 4        |
| 60117214 | BRACKET-ROD HANGER MASTER LOCK          | 2           | 3        |
| 60010351 | SPRING-COMPRESSION .062 X 1.50 X .845OD | 4           | 4        |
| 70143654 | COLLAR-SHAFT 1 PIECE 1/2 in.            | 4           | 4        |
| 60144213 | HASP EYE - .5 SHACKLE SS                | 2           | 2        |
| 70034277 | GROMMET-POLY .52ID GR-5/8-UL            | 2           | 2        |
| 72062004 | NUT .50-13 HEX GR5 Z                    | -           | 3        |
| 72063053 | NUT .44-14 HEX GR5 Z                    | -           | 2        |
| 51735001 | KIT-HRDW MSTR LOCK 11FT                 | 1           | -        |
| 51735002 | KIT-HRDW MSTR LOCK 11FT ALL RSD 52 CRN  | -           | 1        |

**Assemblies & Installations**

**Section - 3**

## DCS - Oil Pump (70733533)



**70733533 PARTS LIST**

| ITEM NO. | PART NO.   | DESCRIPTION                   | QTY. |
|----------|------------|-------------------------------|------|
| 1.       |            | CARRIAGE BOLT, 1/4-20 X 9     | 4    |
| 2.       |            | UPPER CAP                     | 1    |
| 3.       | PART OF 47 | GASKET                        | 2    |
| 4.       |            | SLEEVE                        | 2    |
| 5.       | PART OF 47 | O-RING, 1/16" X 11/16" OD     | 4    |
| 6.       | PART OF 47 | O-RING, 1/8" X 3/4" OD        | 4    |
| 7.       |            | SPOOL                         | 2    |
| 8.       | PART OF 47 | U-CUP, 1/8" X 3/4" OD         | 2    |
| 9.       | PART OF 47 | O-RING, .106 X .587" OD       | 2    |
| 10.      |            | CYLINDER                      | 1    |
| 11.      |            | O-RING, 1/16" X 7/16" OD      | 1    |
| 12.      |            | ADAPTER                       | 1    |
| 13.      | PART OF 47 | O-RING, 1/16" X 3/4"          | 1    |
| 15.      |            | MUFFLER HOUSING               | 1    |
| 16.      |            | FOAM LINER                    | 2    |
| 17.      |            | EDGE TRIM                     | 2    |
| 18.      |            | RETAINING RING                | 1    |
| 19.      |            | WASHER                        | 1    |
| 20.      | PART OF 47 | U-CUP, 3/16" X 3" OD          | 2    |
| 21.      |            | PISTON                        | 1    |
| 22.      |            | LOWER CAP                     | 1    |
| 23.      | PART OF 47 | O-RING, 1/8" X 1-9/16" OD     | 1    |
| 24.      | PART OF 47 | O-RING, 3/32" X 2-1/8" OD     | 1    |
| 25.      |            | BUSHING                       | 1    |
| 26.      | PART OF 47 | PACKING, 3/8" X 1-13/16" OD   | 1    |
| 27.      | PART OF 47 | O-RING, 3/32" X 1" OD         | 1    |
| 28.      |            | PISTON ROD                    | 1    |
| 29.      |            | ROD                           | 1    |
| 30.      |            | CUP FOLLOWER                  | 1    |
| 31.      | PART OF 47 | PISTON CUP                    | 1    |
| 32.      |            | WASHER                        | 1    |
| 33.      |            | BALL                          | 1    |
| 34.      |            | INNER CHECK SEAT              | 1    |
| 35.      |            | BASE                          | 1    |
| 36.      |            | NUT, 1/4" - 20                | 4    |
| 37.      |            | GROUND SCREW, #10 -32X1/4"    | 1    |
| 38.      | PART OF 47 | GASKET                        | 1    |
| 39.      |            | TUBE                          | 1    |
| 40.      | PART OF 47 | O-RING, 1/8" X 1-7/8" OD      | 1    |
| 41.      |            | BALL                          | 1    |
| 42.      |            | BALL STOP PIN                 | 1    |
| 43.      |            | FOOT VALVE SEAT               | 1    |
| 44.      |            | BUNG ASSEMBLY                 | 1    |
| 45.      |            | THUMB SCREW, 1/4"-20 X 1-1/2" | 1    |

**70733533 PARTS LIST**

| ITEM NO.             | PART NO. | DESCRIPTION  | QTY. |
|----------------------|----------|--------------|------|
| 46.                  |          | NUT, 1/4"-20 | 1    |
| 47.                  | 73734196 | REPAIR KIT   | REF  |
| REV. INITIAL RELEASE |          |              |      |

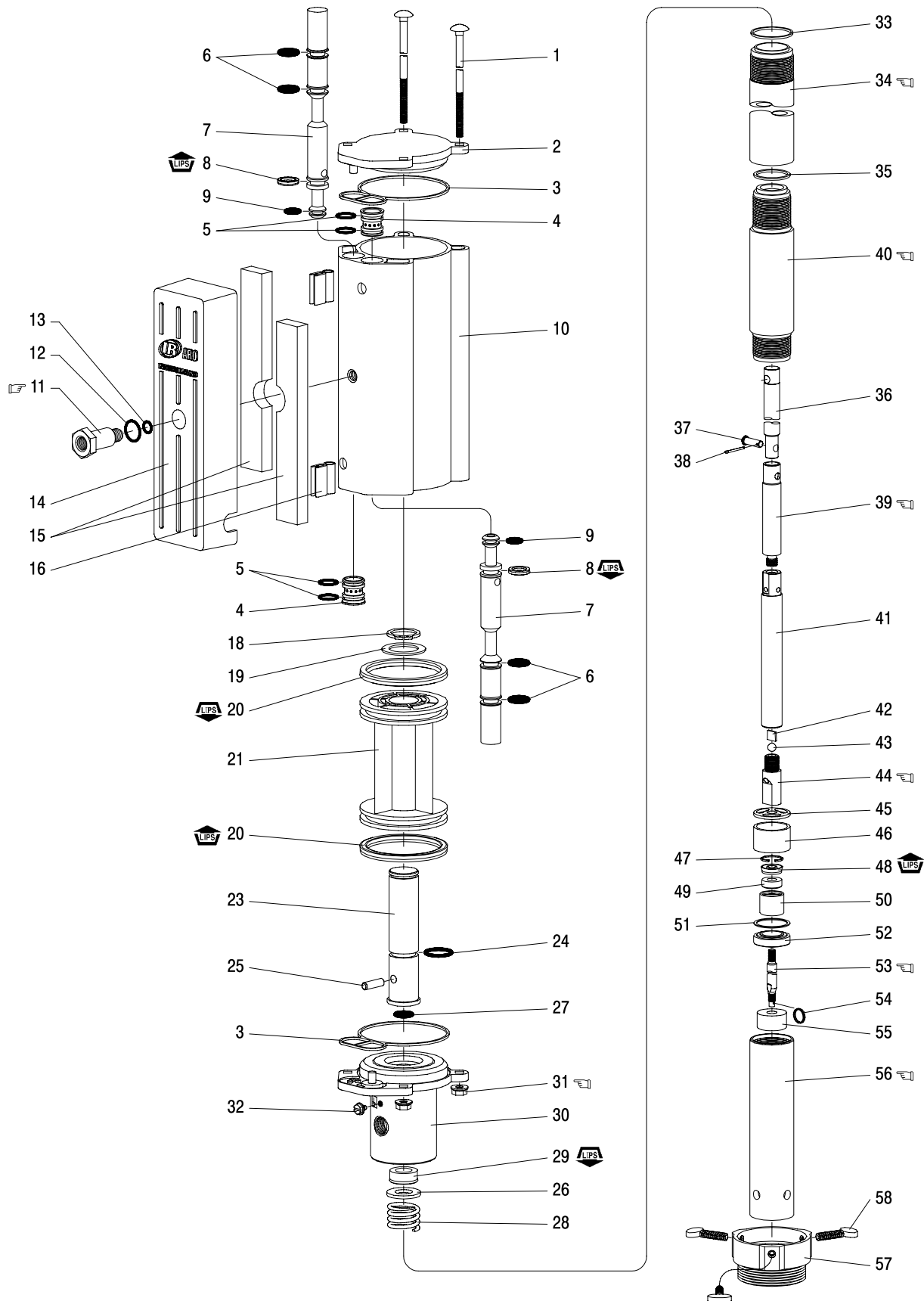
| ITEM NO. | TORQUE            |
|----------|-------------------|
| 12       | 80 IN-LB MAXIMUM  |
| 36       | 80 IN-LB MINIMUM  |
| 30, 34   | 65 FT-LB MINIMUM  |
| 39, 43   | 140 FT-LB MINIMUM |

**NOTE:** Items shown are common service items, for part numbers not assigned contact:

**IOWA MOLD TOOLING CO., INC.**  
**TECHNICAL SUPPORT TEAM**  
**TELEPHONE: 800-554-4421**

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## DCS - Grease Pump Assembly (70733534)





**70733534 PARS LIST**

| ITEM NO.                            | PART NO.   | DESCRIPTION                | QTY. |
|-------------------------------------|------------|----------------------------|------|
| 1.                                  |            | CARRIAGE BOLT, 1/4-20 X 9  | 4    |
| 2.                                  |            | UPPER CAP                  | 1    |
| 3.                                  | PART OF 59 | TRACK GASKET               | 2    |
| 4.                                  |            | SLEEVE                     | 2    |
| 5.                                  | PART OF 59 | O-RING, 1/16 X 11/16       | 4    |
| 6.                                  | PART OF 59 | O-RING, 1/8 X 3/4          | 4    |
| 7.                                  |            | SPOOL                      | 2    |
| 8.                                  | PART OF 59 | U-CUP, 1/8 X 3/4           | 2    |
| 9.                                  | PART OF 59 | O-RING, 0.106 X 0.587      | 2    |
| 10.                                 |            | CYLINDER                   | 1    |
| 11.                                 |            | ADAPTER                    | 1    |
| 12.                                 |            | O-RING, 1/16 X 3/4         | 1    |
| 13.                                 |            | O-RING, 1/16 X 7/16        | 1    |
| 14.                                 |            | MUFFLER HOUSING            | 1    |
| 15.                                 |            | FOAM LINER                 | 2    |
| 16.                                 |            | EDGE TRIM                  | 2    |
| 18.                                 |            | RETAINING RING             | 1    |
| 19.                                 |            | WASHER                     | 1    |
| 20.                                 | PART OF 59 | U-CUP, 3/16 X 3            | 2    |
| 21.                                 |            | PISTON                     | 1    |
| 23.                                 |            | PISTON ADAPTER             | 1    |
| 24.                                 | PART OF 59 | O-RING, 3/32 X 1           | 1    |
| 25.                                 |            | DOWEL PIN, 1/4 X 7/8       | 1    |
| 26.                                 |            | WASHER                     | 1    |
| 27.                                 | PART OF 59 | O-RING, 3/32 X 11/16       | 1    |
| 28.                                 |            | SPRING                     | 1    |
| 29.                                 | PART OF 59 | ROD SEAL                   | 1    |
| 30.                                 |            | BASE                       | 1    |
| 31.                                 |            | NUT, 1/4-20                | 4    |
| 32.                                 |            | GROUND SCREW, #10-32 X 1/4 | 1    |
| 33.                                 | PART OF 59 | GASKET                     | 1    |
| 34.                                 |            | EXTENSION TUBE             | 1    |
| 35.                                 | PART OF 59 | GASKET                     | 1    |
| 36.                                 |            | PISTON ROD                 | 1    |
| 37.                                 |            | PIN                        | 1    |
| 38.                                 | PART OF 59 | COTTER PIN, 1/16 X 1/2     | 1    |
| 39.                                 |            | CONNECTOR                  | 1    |
| <b>PISTON &amp; TUBE ASSEMBLIES</b> |            |                            |      |
| 40.                                 |            | LOWER SUCTION TUBE         | 1    |
| 41.                                 |            | PLUNGER                    | 1    |
| 42.                                 |            | BALL STOP                  | 1    |
| 43.                                 |            | BALL                       | 1    |
| 44.                                 |            | ADAPTER                    | 1    |
| 45.                                 | PART OF 59 | GUIDE WASHER               | 1    |

**70733534 PARS LIST**

| ITEM NO.                   | PART NO.   | DESCRIPTION                                                         | QTY. |
|----------------------------|------------|---------------------------------------------------------------------|------|
| 46.                        |            | SPACER                                                              | 1    |
| 47.                        |            | RETAINING RING, 0.763" OD                                           | 1    |
| 48.                        |            | U-CUP, 3/16 X 11/16                                                 | 1    |
| 49.                        |            | GUIDE SPACER                                                        | 1    |
| 50.                        |            | VALVE BODY                                                          | 1    |
| FOOT ASSEMBLY (INCL 47-50) |            |                                                                     |      |
| 51.                        | PART OF 59 | GASKET                                                              | 1    |
| 52.                        |            | VALVE SEAT                                                          | 1    |
| 53.                        |            | PRIMER ROD                                                          | 1    |
| 54.                        |            | RETAINING RING                                                      | 1    |
| 55.                        |            | PRIMER                                                              | 1    |
| 56.                        |            | PRIMER TUBE                                                         | 1    |
| 57.                        |            | BUNG ASSEMBLY (INCL 58)                                             | 1    |
| 58.                        |            | THUMB SCREW (1/4-20 X 1)                                            | 3    |
| 59.                        | 73734201   | REPAIR KIT (INCLUDES 3,5,6,8,9,12,13,20,24,27,29,33,35,38,45,51,54) | 1    |
| REV. INITIAL RELEASE       |            |                                                                     |      |

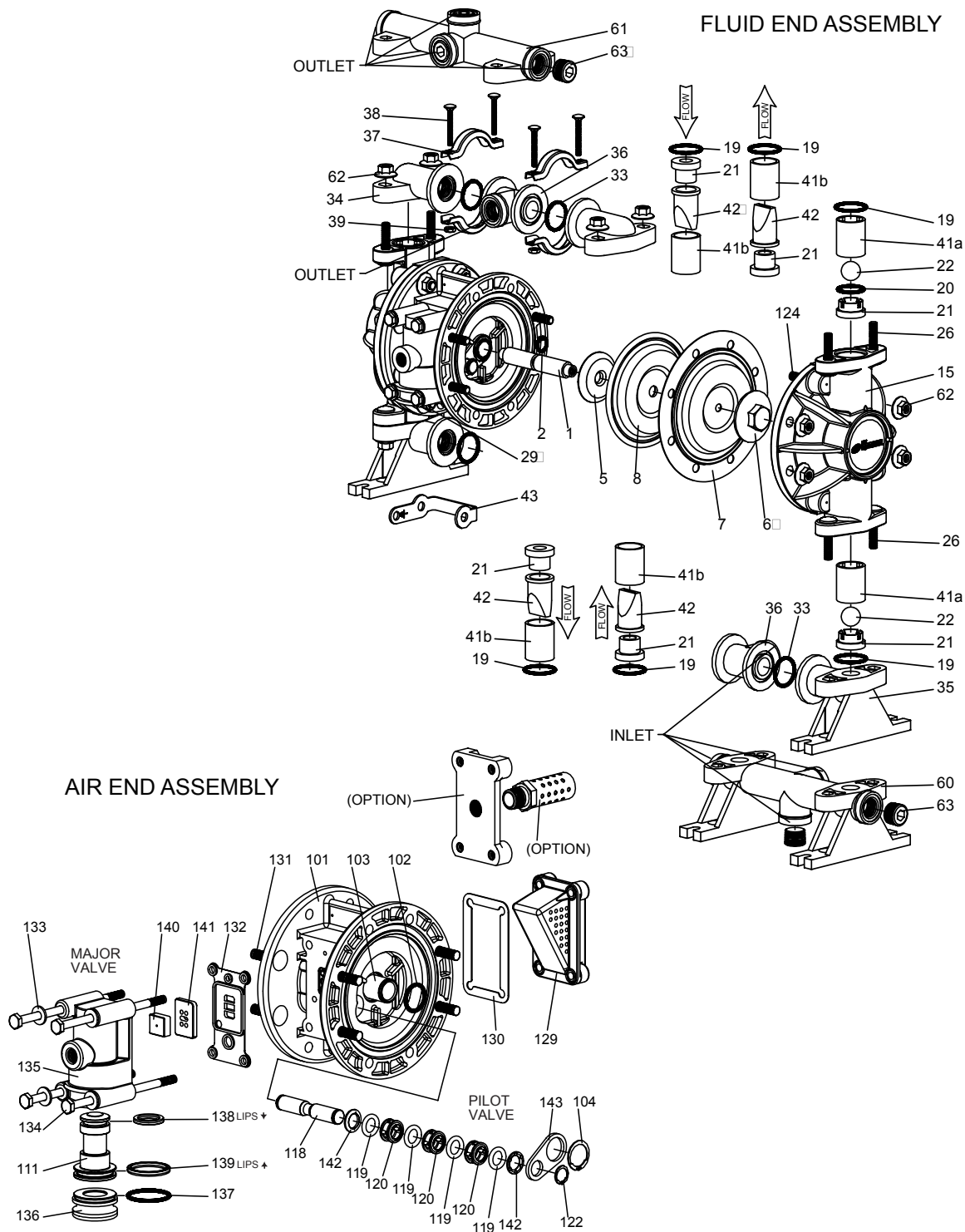
| ITEM NO.   | TORQUE           |
|------------|------------------|
| 11         | 80 IN-LB MAXIMUM |
| 31         | 80 IN-LB MINIMUM |
| 34, 40, 56 | 65 FT-LB MINIMUM |
| 39         | 17 - 25 FT-LB    |
| 44         | 50 - 70 FT-LB    |
| 53         | 70 - 100 FT-LB   |

**NOTE:** Items shown are common service items, for part numbers not assigned contact:

**IOWA MOLD TOOLING CO., INC.  
TECHNICAL SUPPORT TEAM  
TELEPHONE: 800-554-4421**

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## DCS - Salvage Pump Assembly (70733535)



**70733535 PARTS LIST**

| ITEM NO. | PART NO.   | DESCRIPTION                                            | QTY. |
|----------|------------|--------------------------------------------------------|------|
| 1.       | 73734204   | ROD                                                    | 1    |
| 2.       | PART OF 64 | O-RING, 3/32 X 5/8                                     | 1    |
| 5.       |            | WASHER                                                 | 2    |
| 6.       | 73734205   | DIAPHRAGM NUT, 5/16-18                                 | 2    |
| 7.       | PART OF 64 | DIAPHRAGM                                              | 2    |
| 15.      |            | FLUID CAP (INCL 26,124)                                | 2    |
| 19.      | PART OF 64 | O-RING, 1-5/16" OD                                     | 4    |
| 20.      | PART OF 64 | O-RING, 1-1/8" OD                                      | 2    |
| 21.      |            | SEAT                                                   | 4    |
| 22.      | PART OF 64 | BALL, 3/4" DIA                                         | 4    |
| 26.      |            | BOLT, 5/16-18 X 1-1/2                                  | 8    |
| 29.      |            | NUT, 5/16-18                                           | 2    |
| 33.      |            | O-RING, 1-3/16" OD                                     | 4    |
| 34.      |            | MANIFOLD, OUTLET (TOP)                                 | 2    |
| 35.      |            | MANIFOLD FOOT (BOTTOM)                                 | 2    |
| 36.      |            | SWIVEL                                                 | 2    |
| 37.      |            | CLAMP                                                  | 8    |
| 38.      |            | BOLT, #10-24 X 1-1/2                                   | 8    |
| 39.      |            | NUT, #10 - 24                                          | 8    |
| 41A.     |            | BALLCAGE                                               | 4    |
| 41B.     |            | SLEEVE                                                 | 4    |
| 42.      |            | DUCKBILL                                               | 4    |
| 43.      |            | GROUND STRAP                                           | 1    |
| 57.      |            | GROUND KIT ASSEMBLY                                    | 1    |
| 60.      |            | MANIFOLD, INLET (BOTTOM)                               | 1    |
| 61.      |            | MANIFOLD, OUTLET (TOP)                                 | 1    |
| 62.      |            | FLANGE NUT, 5/16-18                                    | 24   |
| 63.      |            | PLUG, 1/2-14 NPT                                       | 6    |
| 64.      | 73734202   | FLUID SECTION SERVICE KIT (INCL 2, 7, 19, 20, 22, 33)  |      |
| 65.      | 73734203   | AIR SECTION REPAIR KIT (INCL. 102,119,122,130,137-141) |      |
| 101.     |            | MOTOR BODY                                             | 1    |
| 102.     | PART OF 65 | O-RING, 3/32 X 1                                       | 2    |
| 103.     | 73734209   | SLEEVE                                                 | 1    |
| 104.     | 73734210   | SNAP RING, 13/16"                                      | 2    |
| 111.     |            | SPOOL                                                  | 1    |
| 118.     |            | PILOT ROD                                              | 1    |
| 119.     | PART OF 65 | O-RING, 1/8 X 3/4                                      | 4    |
| 120.     | 73734211   | SPACER                                                 | 3    |
| 122.     | PART OF 65 | SNAP RING, 1/2"                                        | 2    |
| 124.     |            | STUD, 5/16-18 X1-17/32                                 | 8    |
| 129.     |            | MUFFLER ASM                                            | 1    |
| 130.     | PART OF 65 | GASKET                                                 | 1    |
| 131.     |            | BOLT, 5/16-18 X 1-1/4                                  | 8    |
| 132.     |            | GASKET                                                 | 1    |
| 133.     |            | WASHER, 9/32" ID                                       | 4    |

**70733535 PARTS LIST**

| ITEM NO.             | PART NO.   | DESCRIPTION                  | QTY. |
|----------------------|------------|------------------------------|------|
| 134.                 |            | BOLT, 1/4-20 X 5             | 4    |
| 135.                 |            | VALVE BLOCK                  | 1    |
| 136.                 |            | PLUG                         | 1    |
| 137.                 | PART OF 65 | O-RING, 3/32X1-1/2"          | 1    |
| 138.                 | PART OF 65 | PACKING, U-CUP (1/8 X 1)     | 1    |
| 139.                 | PART OF 65 | PACKING, U-CUP (1/8 X 1.427) | 1    |
| 140.                 | PART OF 65 | VALVE INSERT                 | 1    |
| 141.                 | PART OF 65 | VALVE PLATE                  | 1    |
| 142.                 |            | WASHER                       | 2    |
| 143.                 |            | PLATE                        | 2    |
| 201.                 |            | MUFFLER                      |      |
| REV. INITIAL RELEASE |            |                              |      |

| FLUID END TORQUE REQUIREMENTS |                                                                         | AIR END TORQUE REQUIREMENTS |                                                                        |
|-------------------------------|-------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------|
| ITEM NO.                      | TORQUE                                                                  | ITEM NO.                    | TORQUE                                                                 |
| 6.                            | 95 - 105 in-lb                                                          | 134.                        | Torque to 15-20 in-lb, wait 10 minutes, then re-torque to 15-20 in-lb. |
| 29. & 62.                     | 50 - 60 in-lb alternately and evenly, then re-torque after initial run. |                             |                                                                        |
| 39.                           | 20 - 25 in-lb, then re-torque                                           |                             |                                                                        |
| 63.                           | 25 in-lb maximum                                                        |                             |                                                                        |

**NOTE:** Items shown are common service items, for part numbers not assigned contact:

**IOWA MOLD TOOLING CO., INC.  
TECHNICAL SUPPORT TEAM  
TELEPHONE: 800-554-4421**

DCS - Hose Reel Parts



TYPICAL HOSE REEL ASSEMBLY:

| IMT REEL NO. | PRODUCT   | DRIVE SPRING | SWIVEL   | SEAL KIT                      | HOSE SIZE  |
|--------------|-----------|--------------|----------|-------------------------------|------------|
| 70733522     | OXY / ACT | 70734206     | 73734207 | 73734208                      | N/A        |
| 70733523     | Salvage   | 73734215     | 73734216 | 73734217                      | .75" X 25' |
| 70733524     | Oil       | 73734212     | 73734213 | 73734214                      | .38" X 30' |
| 70733525     | Grease    | 73734218     | 73734219 | Not repairable, must replace. | .38" X 25' |
| 70733526     | Air       | 73734220     | 73734221 | Not repairable, must replace. | .38" X 35' |

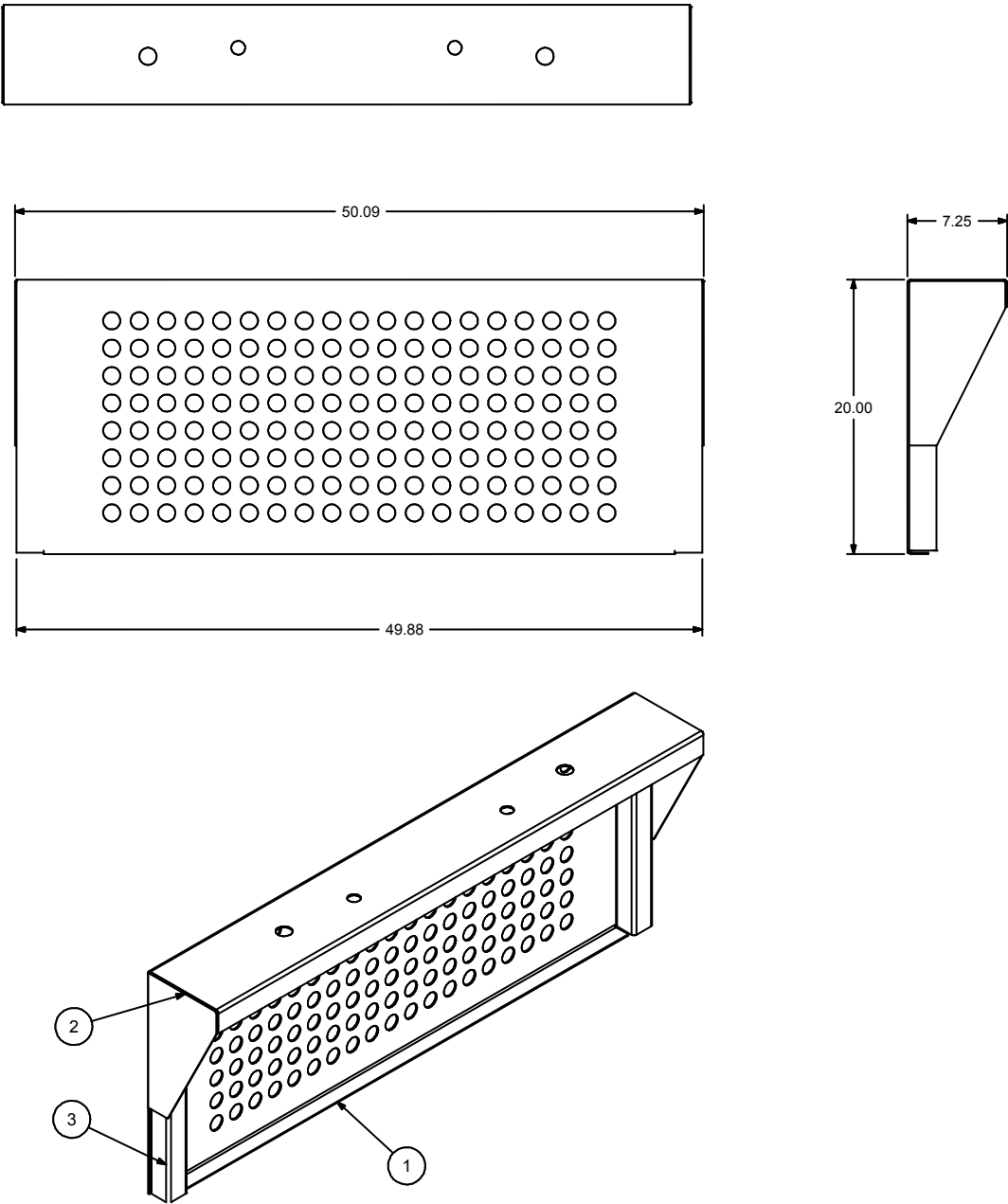
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**Electrical & Lighting**

**Section 4**

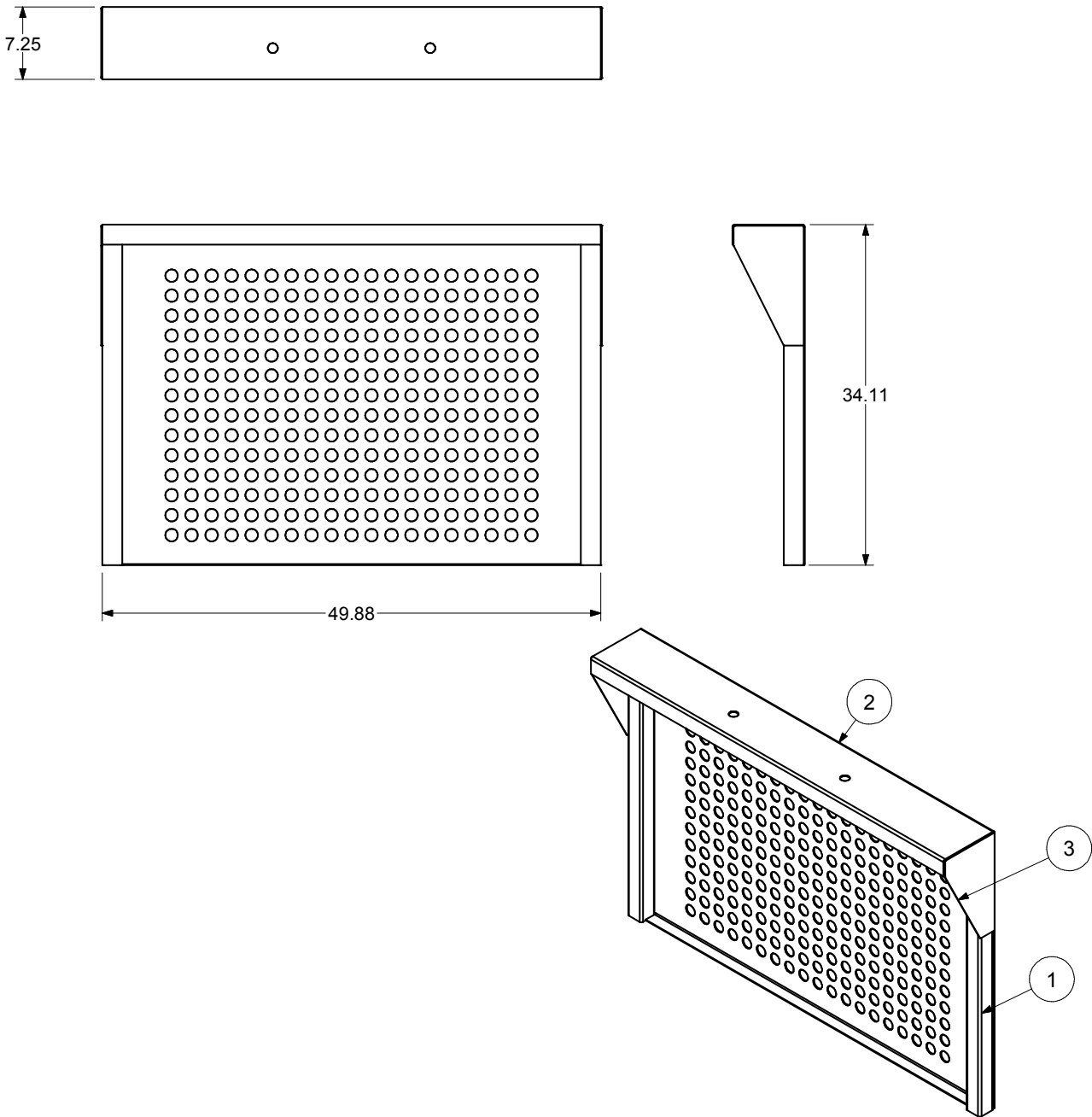
DCS - Light Bar (52722372)



**NOTES:** Light bar typically used for F350, F550, and Ram 48" cab height.

| ITEM NO. | PART NO. | DESCRIPTION                      | QTY. |
|----------|----------|----------------------------------|------|
| 1.       | 60134526 | BRACKET-MTG PLATE LIGHT BAR 20H  | 1    |
| 2.       | 60133964 | GUSSET-LIGHT BAR                 | 2    |
| 3.       | 60116163 | TUBE-SQ 2.00 X 2.00 X.12 X 19.62 | 2    |
| REV. A   |          |                                  |      |

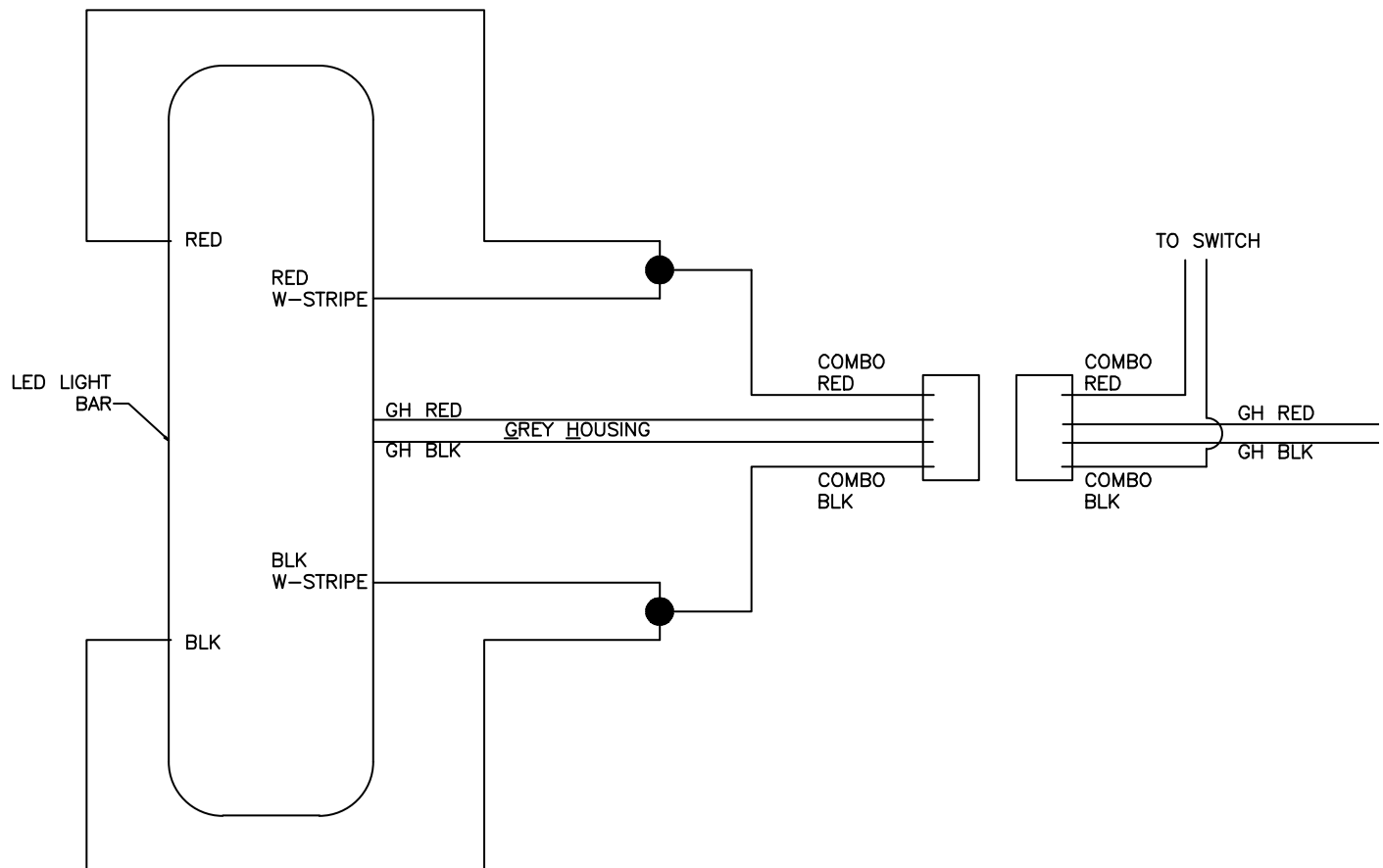
DCS - Light Bar (52722120)



**NOTES:** Light bar typically used for F650 & F750 60” cab height..

| ITEM NO. | PART NO. | DESCRIPTION                   | QTY. |
|----------|----------|-------------------------------|------|
| 1.       | 60119709 | TUBE-SQ 2.00X 2.00X.12X 34.00 | 2    |
| 2.       | 60133963 | BRACKET-MTG PLATE LIGHT BAR   | 1    |
| 3.       | 60133964 | GUSSET-LIGHT BAR              | 2    |
| REV. A   |          |                               |      |

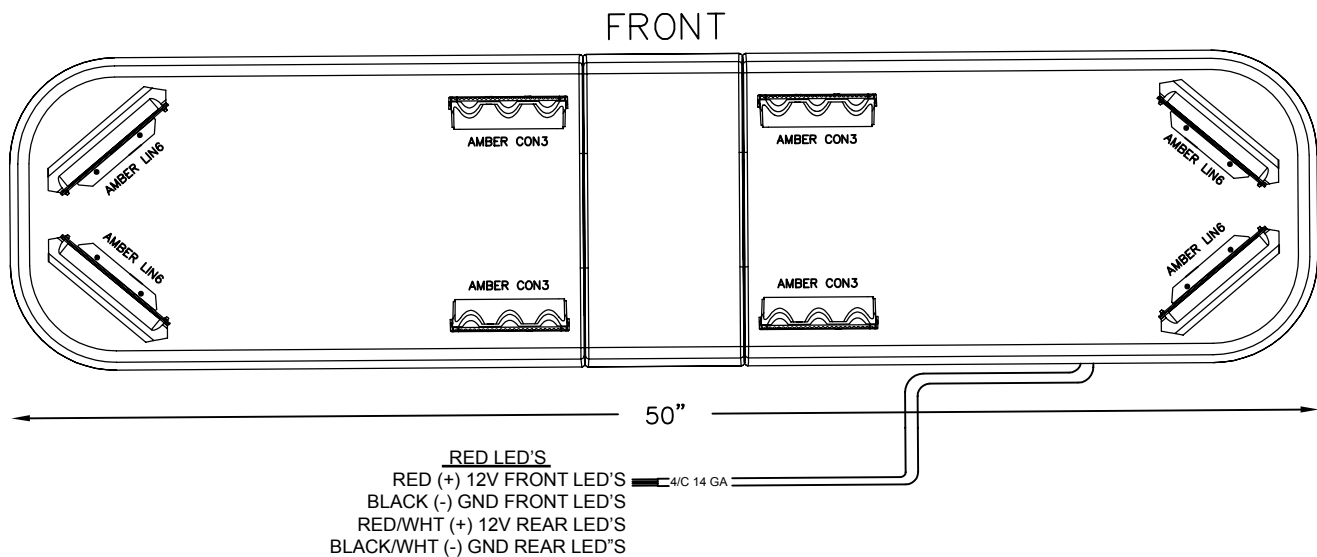
## DCS - 47" Light Bar (99905216)



### NOTES:

1. Route to area next to switch. Seal wire ends. Do not connect these wire ends.
2. Add 4-pin connector behind cab and between chassis frame rails.
3. If light bar must be cycled to achieve desired light pattern, this is accessed under the cover of the light module.

## DCS - 52" Light Bar (77441474)



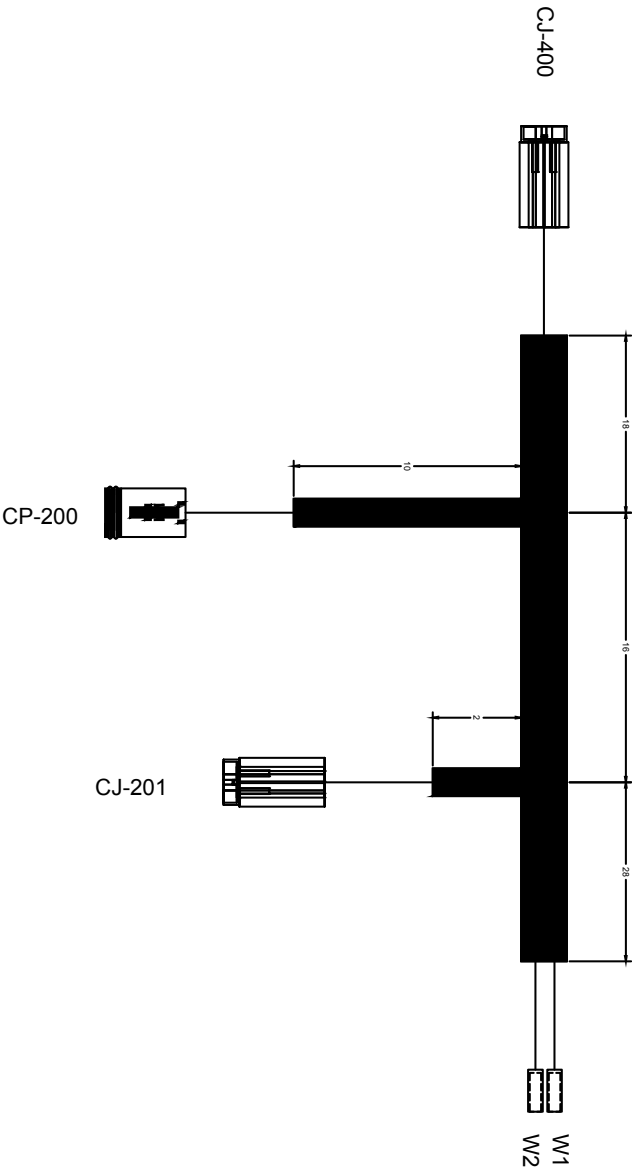
### SPECS

INPUT VOLTAGE - 12.8VDC  $\pm 20\%$   
 LIGHT BAR CURRENT - 6 AMPS (PEAK)  
 CON3 CURRENT - 0.5 AMPS (EACH)  
 LIN6 CURRENT - 1 AMP (EACH)

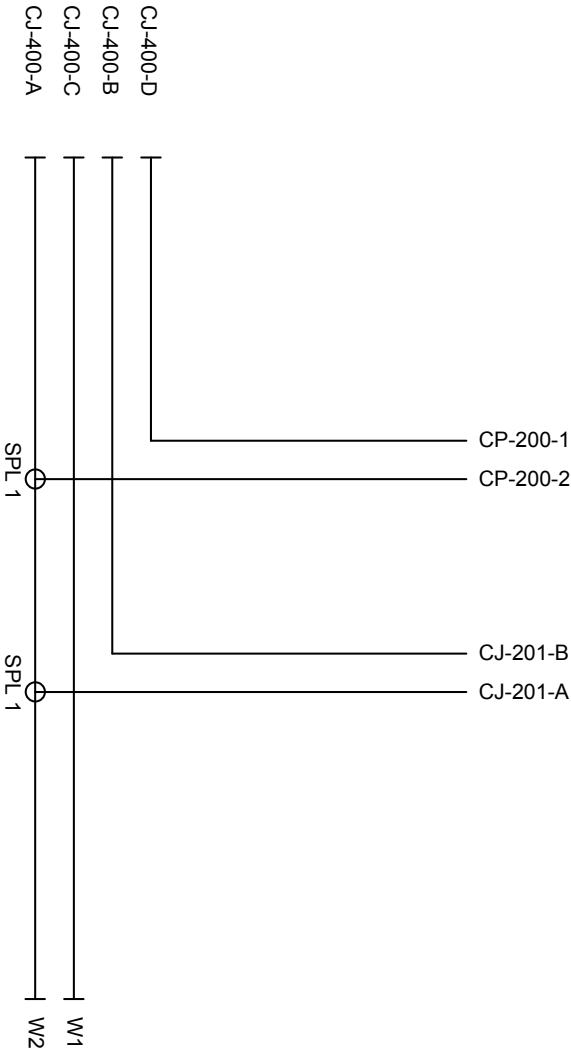
### NOTES:

1. The above light bar configuration comes standard with clear domes and MK9S slide bolt mount kit.
2. To add rear work lights, include model JHCTSL1.
3. IMT part number 77441510 is the 17" light bar.
4. IMT part number 77441474 is shown 50".

DCS - Harness, 11' Frt Jumper Led (77441618)

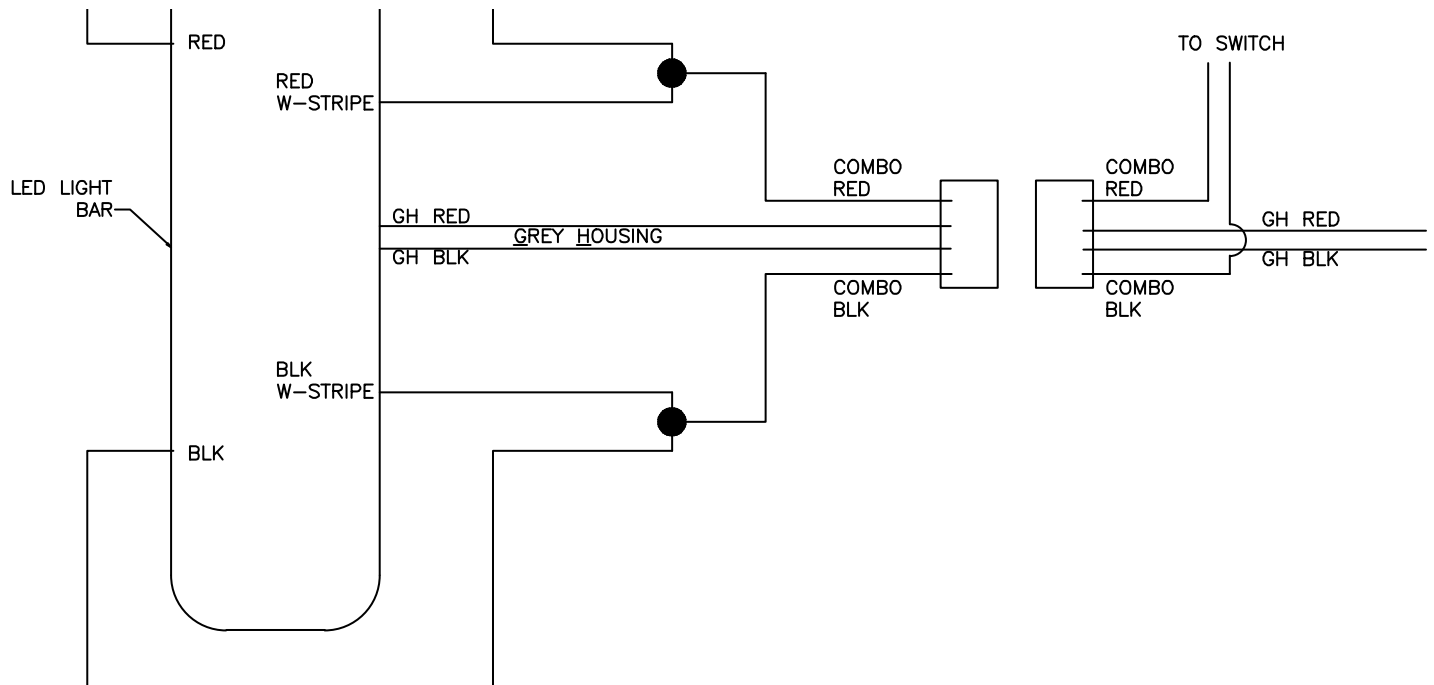


Wiring Harness



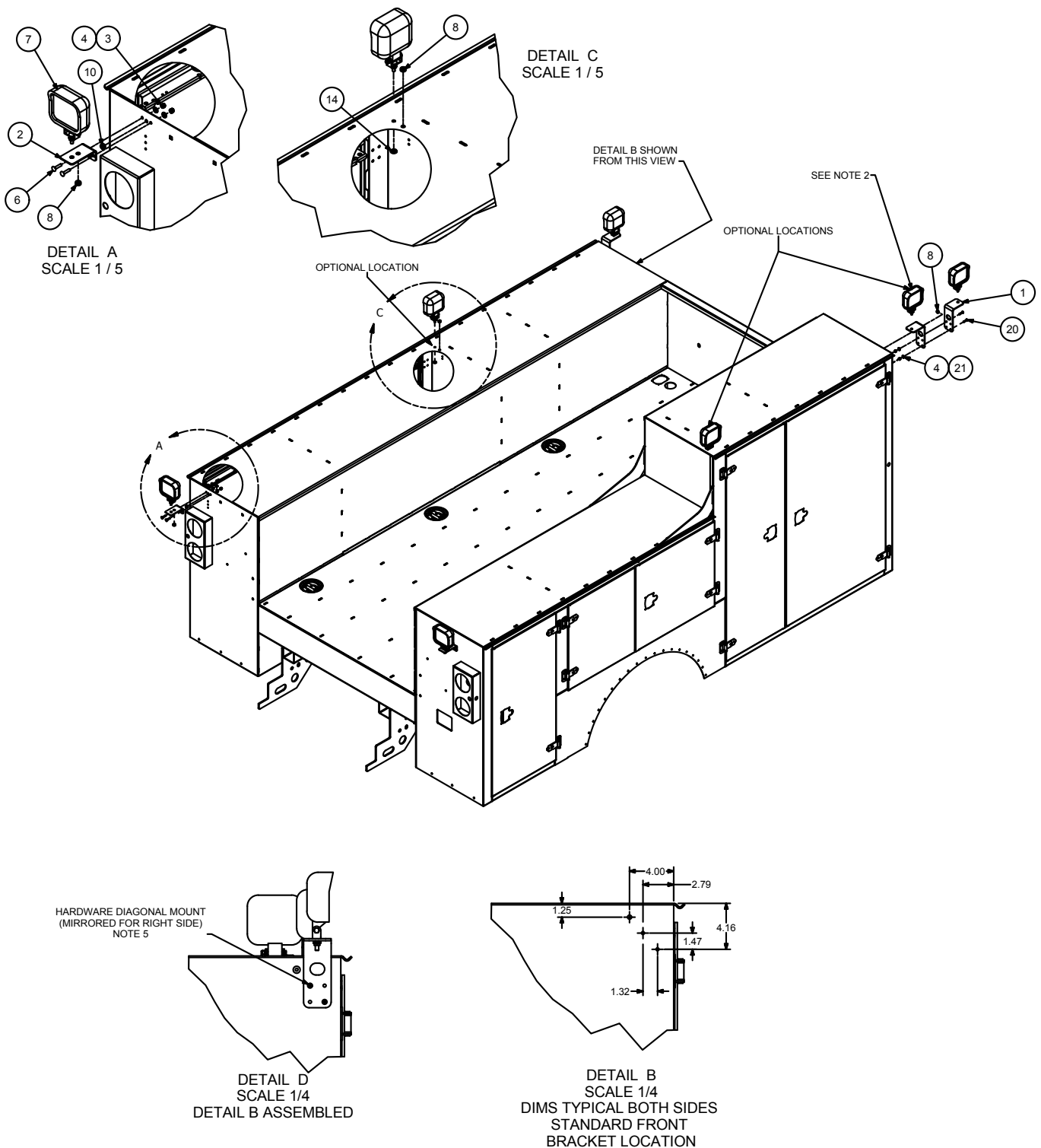
Wiring Schematic

## DCS - Strobe Light Bar (77441510)



**NOTE:** Use with IMT part number 77441474, 47" Light bar.

## DCS - Flood Light Installation (99906020)





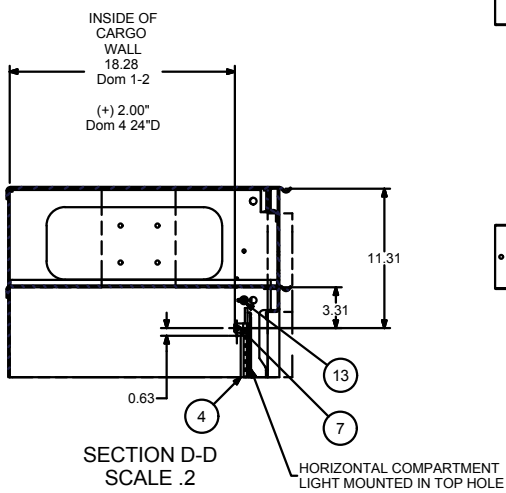
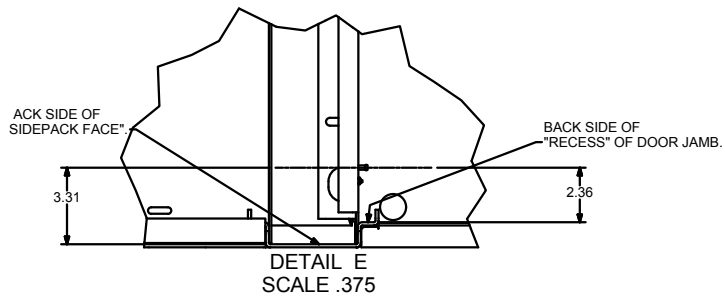
**99906020 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                                    | FRONT MOUNT<br>51727132 | MID-MOUNT<br>51726756 | REAR MOUNT<br>51726761 | FLOOD LIGHT PROPANE<br>51726775 |
|----------|----------|------------------------------------------------|-------------------------|-----------------------|------------------------|---------------------------------|
| 1.       | 60144533 | BRACKET-FLOODLIGHT<br>12V FRONT W-P-P MSTR     | 2                       |                       |                        |                                 |
| 2.       | 60139526 | BRACKET-FLOODLIGHT<br>12V REAR SP              |                         |                       | 2                      | 1                               |
| 3.       | 72062194 | NUT .25-20 HEX SS 18-8<br>NYLOCK               | 4                       | 4                     |                        | 2                               |
| 4.       | 76392820 | WASHER-BONDED .25<br>PLTD                      | 4                       |                       | 4                      | 2                               |
| 5.       | 72602140 | SCR-MACH .25-20X 1.00<br>BTNHD HEX SS          | 4                       |                       |                        |                                 |
| 6.       | 72602097 | BOLT-CRG .25-18X 1.00<br>SQNK SS               |                         |                       | 4                      | 2                               |
| 7.       | 77040581 | FLOODLIGHT-LED 12-<br>36VDC                    | 2                       | 2                     | 2                      | 2                               |
| 8.       | 76399341 | GROMMET-RUBBER<br>.25IDX .44PHDX .19PTHK       | 4                       | 2                     |                        | 1                               |
| 9.       | 76399342 | GROMMET-RUBBER<br>.25IDX .44PHDX .25PTHK       |                         |                       | 1                      |                                 |
| 10.      | 76399343 | GROMMET-RUBBER<br>.25IDX .38PHDX .05PTHK       |                         |                       | 1                      | 1                               |
| 11.      | 77044574 | CONN-PKRD<br>WEATHERPACK 2 CAV<br>FEMALE/TOWER | 2                       | 2                     | 2                      | 1                               |
| 12.      | 77044927 | CABLE SEAL-PKRD WP/<br>MP 14 GA GREY           | 4                       | 4                     | 4                      | 2                               |
| 13.      | 77045888 | TERM-PKRD<br>WEATHERPACK 14-16GA<br>FEMALE     | 4                       | 4                     | 4                      | 2                               |
| 14.      | 76392598 | WASHER-BONDED .31<br>PLTD                      |                         | 2                     |                        |                                 |
| REV. F   |          |                                                |                         |                       |                        |                                 |

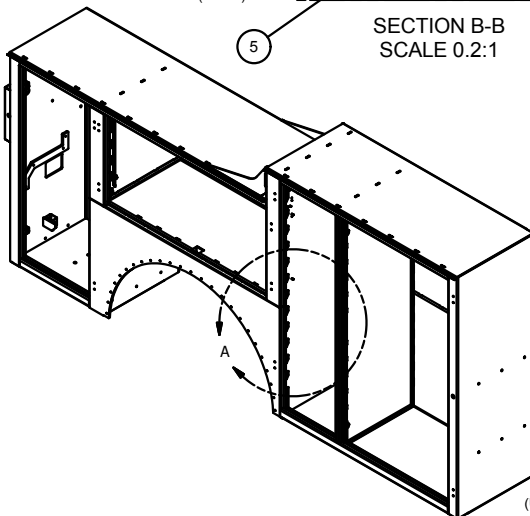
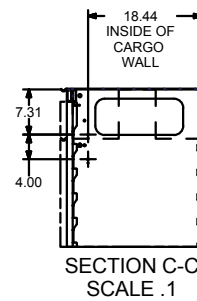
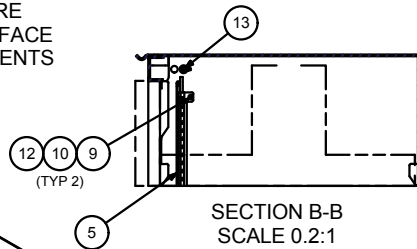
**NOTES:**

1. Locate mid-mount flood lights out of way of boom support.
2. Optional location for right front flood light dependent on exhaust clearance.
3. Crane compartment flood light grommet is item #10.
4. Terminate wires with #11, #12, #13, not polarity sensitive.
5. If Master Lock is present at front, all four mount holes are used.

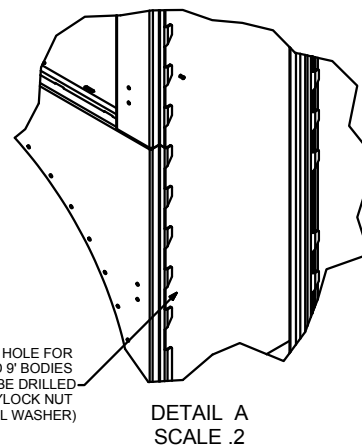
## DCS - Light Kit Installation (99905850)



ALL DIM'S ARE  
TO INSIDE SURFACE  
OF COMPARTMENTS



BOTTOM HOLE FOR  
DOMCS AND G' BODIES  
MUST BE DRILLED  
(USE #10 SCREW, NYLOCK NUT  
AND SEAL WASHER)

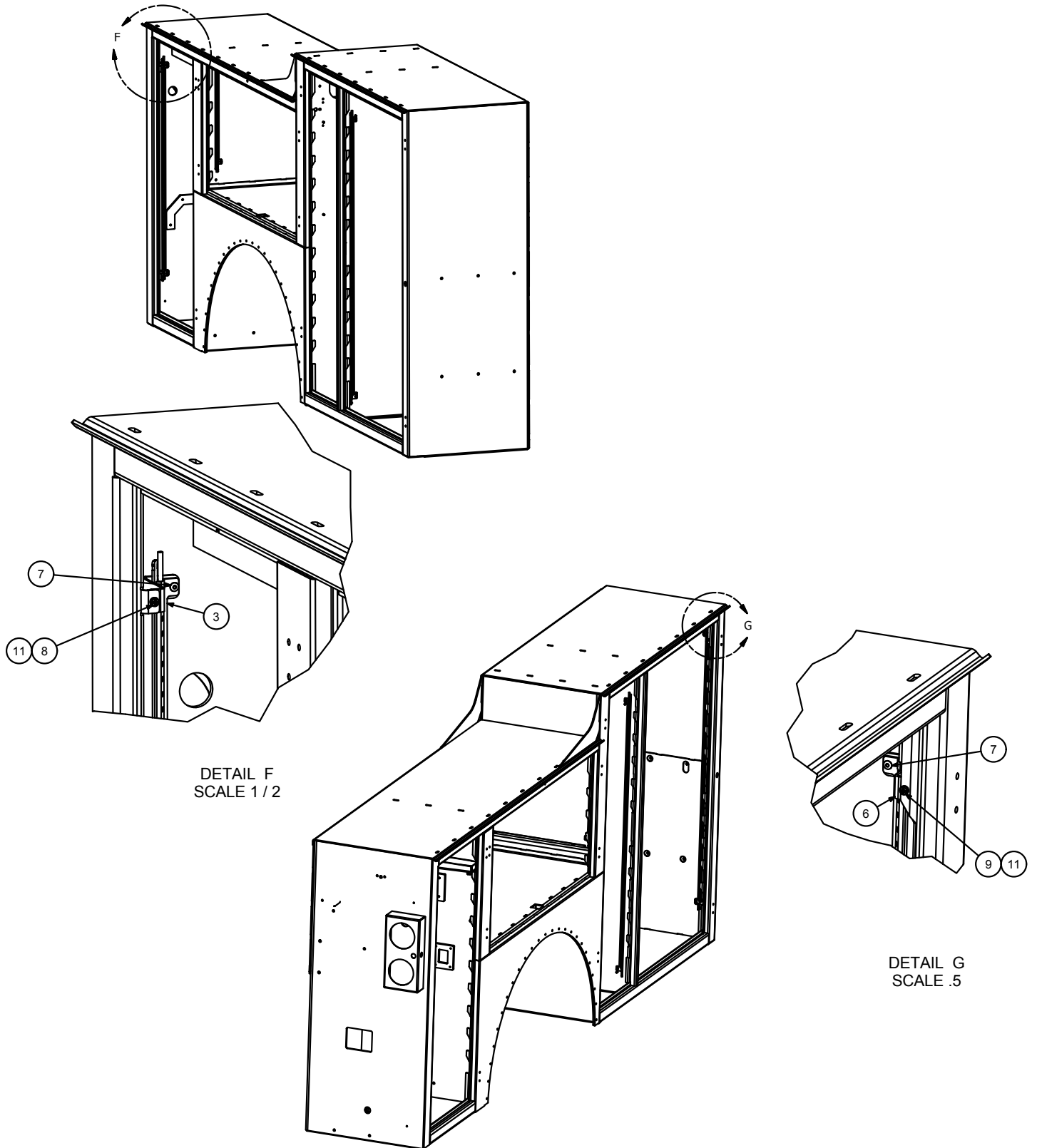


**99905850 PARTS LIST**

| ITEM NO. | 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  |
| 7.       | 72661418 | RIVET-POP AL .188 X .50 GRIP           | A/R  |
| 9.       | 72060636 | SCR-MACH #10-24X .75 RDH PH ZINC       | A/R  |
| 10.      | 72063000 | WASHER .19 W FLAT ANSI B27.2Z          | A/R  |
| 12.      | 72062106 | NUT 10-24 HEX NYLOCK                   | A/R  |
| 13.      | 77045977 | RETAINER-ZIP TIE FIR TREE MOUNT 30 LBS | A/R  |
| REV. C   |          |                                        |      |

**LED LIGHT KIT: (99905850)**

|                            | 18" LED<br>LIGHT<br>BAR RH<br>51726294 | 18" LED<br>LIGHT<br>BAR LH<br>51726293 | 36" LED<br>LIGHT<br>BAR RH<br>51726296 | 36" LED<br>LIGHT<br>BAR LH<br>51726295 | 48" LED<br>LIGHT<br>BAR RH<br>51726298 | 48" LED<br>LIGHT<br>BAR LH<br>51726297 | TOTAL<br>LIGHTS | LIGHT<br>KIT<br>NUMBER |
|----------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|-----------------|------------------------|
| DCS 11'<br>STD. 52" H      | 2                                      | 2                                      | 3                                      | 2                                      |                                        |                                        | 9               | 51726752               |
| CRANE COMP<br>RH.          |                                        |                                        |                                        | 1                                      |                                        |                                        | 1               | 51726753               |
| CRANE COMP<br>LH           |                                        |                                        | 1                                      |                                        |                                        |                                        | 1               | 51726774               |
| DCS-11' STD<br>WITH RF RSD | 2                                      | 2                                      | 2                                      | 1                                      | 1                                      | 1                                      | 9               | 51726973               |

**99905850-1, LIGHT KIT INSTALLATION, (CONTINUED)**

**99905850-1 PARTS LIST**

| ITEM NO. | PART NO. | DESCRIPTION                          | QTY. |
|----------|----------|--------------------------------------|------|
| 3.       | 51726295 | LIGHT ASM LED ADH 36 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  |
| 11.      | 72063047 | WASHER #10 LOCK                      | A/R  |
| REV. C   |          |                                      |      |

## DCS - Protective Sleeve Installation (70034573)

Please follow the instructions and illustrations below on how to install the protective sleeve on AMG fuse holders that are not fastened to the chassis or body with metal fasteners.



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



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



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

**WARNING**

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

### AMG FUSE HOLDERS REQUIRING PROTECTIVE SLEEVE

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

### WARNING

#### AVOID POSSIBLE FIRE!

Visually inspect and verify no other fuse holder posts are coming in contact with the chassis.

The contact of the fuse to the hood may leave a black mark from the rubber cover or damage the hood material if the bare stud contacts the hood.

Failure to inspect and verify the fuse holder posts could result in a fire in the dash and under the hood of the chassis. A fire could result in serious injury or death.

### SAFETY NOTICE

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

### SAFETY NOTICE

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

**General Information**

**Section - 5**

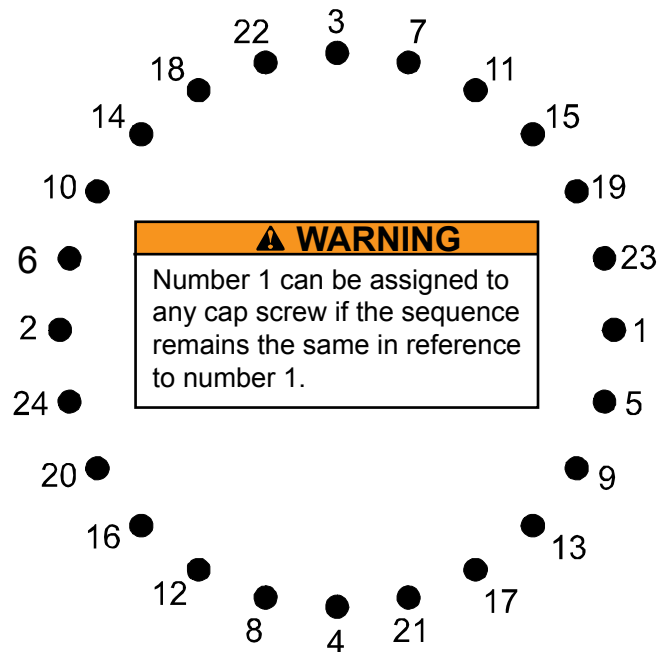
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**DCS - Decal Placement Kit (51716597)**

| PART NO. | DESCRIPTION                                 | QTY. |
|----------|---------------------------------------------|------|
| 99903896 | DWG-DECAL LOCATION UNITED RENTAL 2006       | 1    |
| 70029119 | PLACARD - SERIAL NUMBER                     | 1    |
| 70392309 | DECAL - DIESEL FUEL ONLY                    | 1    |
| 70394442 | DECAL - FILL CHECK EVACUATE                 | 1    |
| 70392213 | DECAL - CAUTION DON'T WASH / WAX            | 1    |
| 70392982 | DECAL - SERVICE & REPAIR (GARNER)           | 1    |
| 70392453 | DECAL - UNLEADED GASOLINE ONLY              | 2    |
| 70392840 | DECAL - FLOOD LIGHT .44 x 1.25              | 1    |
| 70396864 | DECAL - CPRSR CHOKE - UR 2006               | 1    |
| 70396008 | DECAL - NOTICE: IGNITION SWITCH - U. R. DOM | 1    |
| 70392387 | DECAL - VEH CERT FINAL STG - SIMP YELLOW    | 1    |
| 70397078 | DECAL - SHEET UNITED RENTALS                | 1    |
| 70396164 | DECAL DANGER BREATHE - SEE NOTES            | 1    |
| 70397075 | DECAL - HITCH RECEIVER 500V-5000P           | 1    |



## DCS - Turntable Bearing Thread Tightening Sequence



### TIGHTENING PROCEDURE

1. Refer to the torque data chart to determine the proper torque value to apply to the size of cap screw used.
2. Follow the tightening sequence shown in the diagram. Note that the quantity of capscrews may differ from the diagram, but the sequence must follow the criss-cross pattern as shown in the diagram.
3. Torque all cap screws to approximately 40% of the specified torque value, by following the sequence.
  - (Example: .40 X 265 ft-lb = 106 ft-lb)
  - (Example-metric: .40 X 36 kg-m = 14.4 kg-m)
4. Repeat step 3, but torquing all cap screws to 75% of the specified torque value. Continue to follow the tightening sequence.
  - (Example: .75 X 265 ft-lb = 199 ft-lb)
  - (Example-metric: .75 X 36 kg-m = 27 kg-m)
5. Using the proper sequence, torque all cap screws to the listed torque value as determined from the torque data chart.

**NOTES:** Refer to the turntable bearing thread tightening diagram for proper tightening / torquing sequence of the turntable bearing to the crane base and crane mast. The total quantity of cap screws varies dependent on crane model.

## DCS - Thread Torque Chart

| FINE THREAD BOLTS (ENGLISH) |           |                                                                                                                     |         |                                                                                                                     |         | COARSE THREAD BOLTS (ENGLISH) |           |                                                                                                                       |         |                                                                                                                       |         |
|-----------------------------|-----------|---------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------|---------|-------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------|---------|
| SIZE                        | BOLT DIA. | <br>GRADE 5<br>SAE J429<br>GRADE 5 |         | <br>GRADE 8<br>SAE J429<br>GRADE 8 |         | SIZE                          | BOLT DIA. | <br>GRADE 5<br>SAE J429<br>GRADE 5 |         | <br>GRADE 8<br>SAE J429<br>GRADE 8 |         |
| (DIA-TPI)                   | (INCHES)  | PLAIN                                                                                                               | PLATED  | PLAIN                                                                                                               | PLATED  | (DIA-TPI)                     | (INCHES)  | PLAIN                                                                                                                 | PLATED  | PLAIN                                                                                                                 | PLATED  |
|                             |           | (FT-LB)                                                                                                             | (FT-LB) | (FT-LB)                                                                                                             | (FT-LB) |                               |           | (FT-LB)                                                                                                               | (FT-LB) | (FT-LB)                                                                                                               | (FT-LB) |
| 5/16-24                     | 0.3125    | 19                                                                                                                  | 14      | 27                                                                                                                  | 20      | 5/16-18                       | 0.3125    | 17                                                                                                                    | 13      | 25                                                                                                                    | 18      |
| 3/8-24                      | 0.375     | 35                                                                                                                  | 26      | 49                                                                                                                  | 35      | 3/8-16                        | 0.375     | 31                                                                                                                    | 23      | 44                                                                                                                    | 33      |
| 7/16-20                     | 0.4375    | 55                                                                                                                  | 41      | 78                                                                                                                  | 58      | 7/16-14                       | 0.4375    | 49                                                                                                                    | 37      | 70                                                                                                                    | 52      |
| 1/2-20                      | 0.5       | 90                                                                                                                  | 64      | 120                                                                                                                 | 90      | 1/2-13                        | 0.5       | 75                                                                                                                    | 57      | 105                                                                                                                   | 80      |
| 9/16-18                     | 0.5625    | 120                                                                                                                 | 90      | 170                                                                                                                 | 130     | 9/16-12                       | 0.5625    | 110                                                                                                                   | 82      | 155                                                                                                                   | 115     |
| 5/8-18                      | 0.625     | 170                                                                                                                 | 130     | 240                                                                                                                 | 180     | 5/8-11                        | 0.625     | 150                                                                                                                   | 115     | 220                                                                                                                   | 160     |
| 3/4-16                      | 0.75      | 300                                                                                                                 | 225     | 420                                                                                                                 | 315     | 3/4-10                        | 0.75      | 265                                                                                                                   | 200     | 375                                                                                                                   | 280     |
| 7/8-11                      | 0.875     | 445                                                                                                                 | 325     | 670                                                                                                                 | 500     | 7/8-9                         | 0.875     | 395                                                                                                                   | 295     | 605                                                                                                                   | 455     |
| 1-12                        | 1         | 645                                                                                                                 | 485     | 995                                                                                                                 | 745     | 1-8                           | 1         | 590                                                                                                                   | 445     | 910                                                                                                                   | 680     |
| 1 1/8-12                    | 1.125     | 890                                                                                                                 | 670     | 1445                                                                                                                | 1085    | 1 1/8-7                       | 1.125     | 795                                                                                                                   | 595     | 1290                                                                                                                  | 965     |
| 1 1/4-12                    | 1.25      | 1240                                                                                                                | 930     | 2010                                                                                                                | 1510    | 1 1/4-7                       | 1.25      | 1120                                                                                                                  | 840     | 1815                                                                                                                  | 1360    |
| 1 3/8-12                    | 1.375     | 1675                                                                                                                | 1255    | 2710                                                                                                                | 2035    | 1 3/8-6                       | 1.375     | 1470                                                                                                                  | 1100    | 2380                                                                                                                  | 1780    |
| 1 1/2-12                    | 1.5       | 2195                                                                                                                | 1645    | 3560                                                                                                                | 2670    | 1 1/2-6                       | 1.5       | 1950                                                                                                                  | 1460    | 3160                                                                                                                  | 2370    |

### NOTES:

1. Tightening torques provided are mid-range.
2. Consult bolt manufacturer's 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 disulfide, 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.

## DCS - Thread Torque Chart (Metric)

| FINE THREAD TORQUE CHART (METRIC) |                          |                                                                                                          |                                                                                                          |                 |                  |
|-----------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------|------------------|
| TIGHTENING TORQUE                 |                          |                                                                                                          |                                                                                                          |                 |                  |
| SIZE<br>(DIA-<br>TPI)             | BOLT<br>DIA.<br>(INCHES) | <br>SAE J429<br>GRADE 5 | <br>SAE J429<br>GRADE 8 |                 |                  |
|                                   |                          |                                                                                                          |                                                                                                          | 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-<br>TPI)               | BOLT DIA<br>(INCHES) | <br>SAE J429<br>GRADE 5 | <br>SAE J429<br>GRADE 8 |                 |                  |
|                                     |                      |                                                                                                            |                                                                                                            | 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 mid-range.
2. Consult bolt manufacturer's 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 disulfide, 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.

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