
Manual Part # 99904108

Dominator IV Parts & Specifications

Manual Effective October 2006

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Revisions

DATE	LOCATION	DESCRIPTION
20060920		New manual release
20061108	99904088	ECN 10290 - Changed light from 77040493 to 77040432.
	99903657	ECN 10319 - Changed bolts in 99903657 from 72060026 to 72060025.
	51720021	Update BOM.
	99904085	ECN 10309 - Added 2006& 2007 chassis wiring - 99904085.
20061206	99904143, 99904110	ECN 10308, 10323 - UPDATES TO STABILIZER HYDRAULIC KITS, ADDED MASTER LOCK DRAWING, UPDATES TO 99903970, 99904109, 99904082, 99904083, 99904084
20070111	99904062, 99904109	ECN 10348 - POST PROTOTYPE CHANGES.
	70733798	CORRECTED PART NUMBER.
	99904034	ADDED NOTES TO DRAWING.
	99903712	ECN 10334 - ADDED DRAWING TO MANUAL.
20070306	WELDER DECKS	NEW DRAWINGS 51720055, 51720057, 51720059, 51719952, 51720061, 51720063
20070528	ROLLOUT DRAWERS	Added numerous rollout drawer drawings.
	99904062	Changed shelf end part numbers for LV2 and RV2.
20070626	99904256	ECN 10388 - New weatherstrip installation drawing. Notes on 99903654 changed to reflect new weatherstrip.
20070809	99904109	ECN 10552 - Changed hardware. Corrected 99904034 typo. Updated 13", 26", & 39" drawer components.
20071004	99903766, 99903974, Pull- Out Bin Sets	ECN 10523 - Clamp 72661642 was 72066516. Added 99904279 pump rotation guide. ECN 10581 - Electrical dome light was 77040384, now 77040509. Corrected cabinet part number on Pull-Out Bin Sets.
20071115	51710172	Added note to vise mounting bracket.
20071218	99903687	Updated bracket information on 99903687.
20080218	Specifications	Added chassis specifications.
20080702	51721592	ECN 10793 - Added 51721592 pump assembly to manual.
20080904	99904452	ECN 10802 - Battery relocation instructions.
20081031	99903766	ECN 10773 - Changed to single pump inlet.
20081112	99904001, 99904143, 99903667	ECN 10814 - Front compartment change to double doors.
20090116		Added replacement lock set information. Added 70734343 pump parts.
20090604	99904143	ECN 11034 - Changed rod in masterlock kit from 60123476 to 52715598.
20090630		Added summary drawings for drawer sets and components.
20090713	99904062	ECN 10814-3 – Replaced 60129831 shelf end with 60132731; replaced 60126424 with 60129832.
20091209	99903970	ECN 11125 - Replaced 60129810 tube pedestal with 60126561.
20100111	STABILIZER SECTION	ECN 11102 - Updated stabilizer design and new stabilizer valvebanks.
20100325	99903980, 99904110	ECN 11102-2 - Changes to stabilizers and hydraulic drawings.
20101217	99904088	ECN 11315 - Change to electrical installation parts.
	99904110	ECN 11343 - Change to stabilizer kits
20110121	77441200	Added power panel harness to electrical section of manual.

20111130	99904088	ECN 11315-2 - Drawing correction.
		ECN 11628 - Update to decals, stabilizer verbiage
20120724	99904143	ECN 11762 - Hanger location note, ECN 11655 - Bracket change.
20130606	99904088	Parts list update per engineering mark-up.
20151106	72601410	REPLACED 72060002
20151117		REPLACED GPT WIRES WITH GXL WIRES
20151221	99906023	CN197-Added Door Latch Installation w/o backing plate.

CHAPTER 1

Specifications

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Dominator IV Specifications

SPECIFICATIONS	14-foot	19-foot
Body Rating	80,000 ft-lb	80,000 ft-lb
Body Weight	6,355 lb (14' RF raised) 6,393 lb (14' standard)	7,885 (19' RF raised) 7,952 lb (19' standard) (Both weights based on tandem axle chassis.)
Storage Capacity (includes sidepacks, workbench, and crane box)	219.6 ft³ (14' RF raised) 225.4 ft³ (14' standard)	268.7 ft³ (19' RF raised) 281.1 ft³ (19' standard) (Tandem axles)
Body Width (including rain eaves)	98 in	98 in
Sidepack Depth	24 in (curbside); 22 in (streetside)	24 in (curbside); 22 in (streetside)
Cargo Deck Width	50 in	50 in
Workbench Depth	24 in	24 in
Tailgate Height	10 in	10 in
Angle of Departure	14°	14°

DOOR OPENING DIMENSIONS		
LH 1st Vertical	36.75"W x 54.5"H	36.75"W x 54.5"H
LH 2nd Vertical	36.75"W x 54.5"H	36.75"W x 54.5"H
LH Horizontal 1	46.88" W x 29.25" H	50.5" W x 29.25" H
LH Horizontal 2	N/A	50.5" W x 29.25" H
LH Rear	24.5"W x 54.5"H	24.5"W x 54.5"H
RH 1st Vertical	36.75"W x 54.5"H	36.75"W x 54.5"H
RH 2nd Vertical	36.75"W x 54.5"H	36.75"W x 54.5"H
RH Horizontal 1 (Raised)	43.5"W x 21.25"H	50.5"W x 21.25"H
RH Horizontal 1 (Standard)	43.5"W x 29.25"H	50.5"W x 29.25"H
RH Horizontal 2 (Raised)	N/A	47.0"W x 21.25"H
RH Horizontal 2 (Standard)	N/A	47.0"W x 29.25"H

Standard Configurations

14-foot body	Standard - 60" left-horizontal and right-horizontal sidepacks (Except crane box)
	Right front raised - Left horizontal sidepack 60", Right horizontal sidepack 52" with Right front sidepacks 1 & 2 raised to 60"
19-foot body	Standard - Tandem Axle - 60" left-horizontal and right-horizontal sidepacks (Except crane box)
	Right front raised - Left horizontal sidepack 60", Right horizontal sidepack 52" with Right front sidepacks 1, 2, and 3 raised to 60"

Body Materials

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

Body Sub-Structure

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

Electrical System

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

Doors

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

Options

1. Drawers and drawer sets	6. Individual incandescent compartment lights
2. Standard adjustable shelves	7. Work lights
3. 3" high divided adjustable shelves	8. Air systems
4. Hydraulic stabilizers	9. Telescopic cranes up to 80,000 ft-lb
5. Workbench vises and vise plates	

Dominator Chassis Specifications

CHASSIS SPECIFICATIONS		
<i>Minimum Cab-to-Axle Dimensions (Cab-to-Trunnion for tandem axle)</i>		
Dominator I & II without Welder Deck	Single Axle (CA)	Tandem Axle (CT)
9' Body	60"	
11' Body	84"	
13' Body	108"	
14' Body	120"	
Dominator I & II with Welder Deck	Single Axle (CA) (based on width of welder deck selected)	Tandem Axle (CT)
9' Body	84" - 96"	
11' Body	108" - 120"	
13' Body	132" - 144"	
14' Body	144" - 156"	
Dominator IV without Welder Deck	Single Axle (CA)	Tandem Axle (CT)
14' Body	120"	
19' Body		150"
Dominator IV with Welder Deck	Single Axle (CA) (based on width of welder deck selected)	Tandem Axle (CT) (based on width of welder deck selected)
14' Body	144" - 156"	
19' Body		174" - 186"

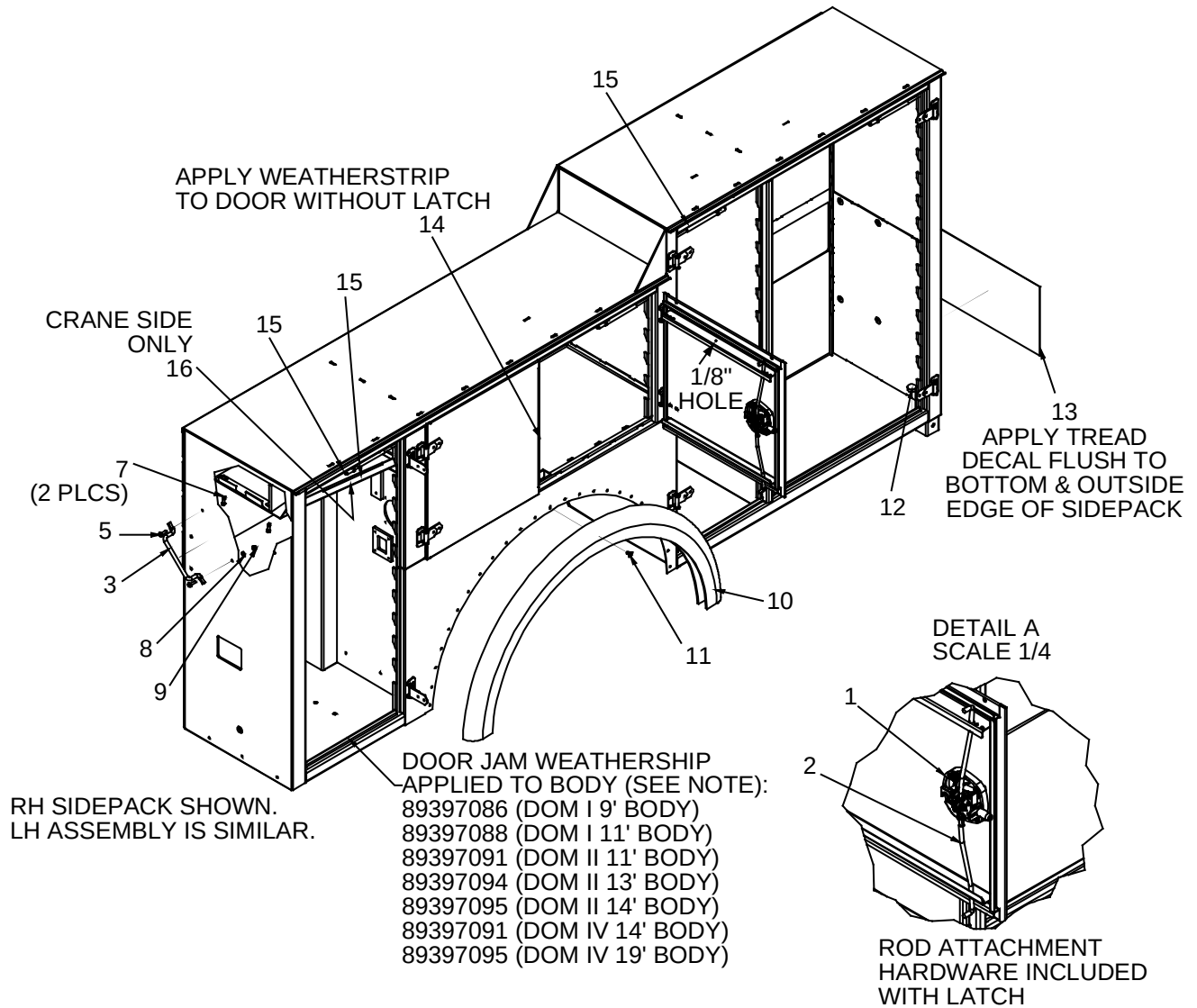
CHAPTER 2

Assemblies & Installation

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Body Assembly (99903654)

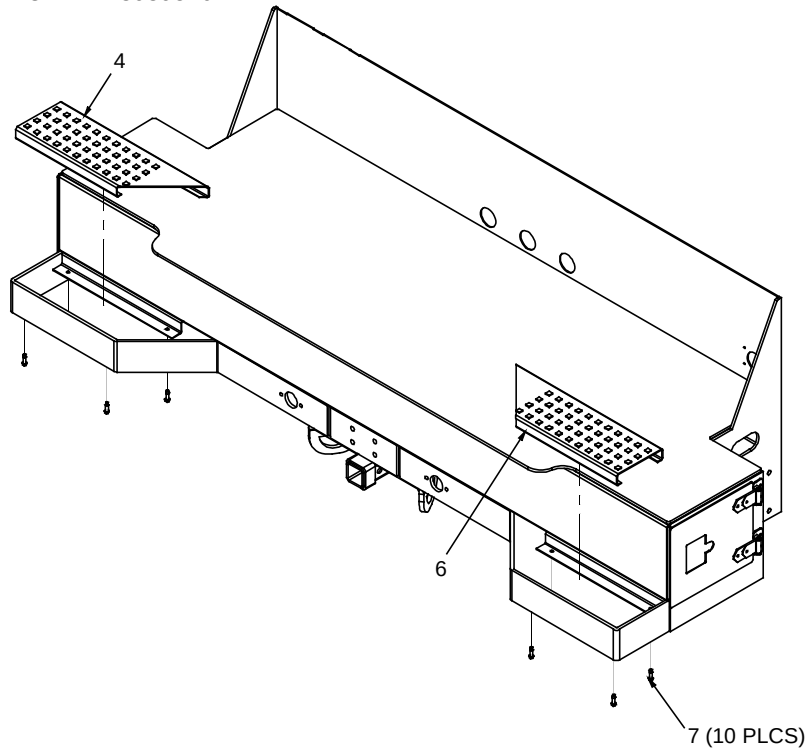


NOTE:

WEATHERSTRIP WAS CHANGED EFFECTIVE 6-15-07. THE OLD WEATHERSTRIP IS AVAILABLE FOR SERVICE. CHECK THE DOOR BRACE FOR A 1/8" HOLE TO DETERMINE WHICH WEATHERSTRIP PART NUMBER YOUR BODY REQUIRES.

DOMINATOR IV 14' BODIES WITHOUT HOLES IN THE DOOR BRACE REQUIRE WEATHERSTRIP PART NUMBER 89395459.

DOMINATOR IV 19' BODIES WITHOUT HOLES IN THE DOOR BRACE REQUIRE WEATHERSTRIP PART NUMBER 89395462.



BODY ASSEMBLY PARTS LIST (99903654)			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	72661599	LATCH ASM-3PT COMPRESSION	A/R
2.	VARIOUS	ROD-DOOR	A/R
3.	72661467	HANDLE-BODY BOLT ON 7.0X2.5BLK	2
4.	60126311	STEP GRIP STRUT LH	1
5.	72601590	CAP SCR-SS .31-18X1.00 TRH PHH	4
6.	60126312	STEP GRIP STRUT RH	1
7.	72060833	CAP SCR-THD CUT .31-18X .75 HWH1 (WAS 72601829)	10
8.	72063152	WASHER-SS .31 R FLAT WRT TYPE 304 (WAS 6)	4
9.	72062167	NUT-SS .31-18 HEX NYLOC	4
10.	89396893	FENDER RUBBER (DOM 4-14')	2
10.	89396991	FENDER RUBBER (DOM 4-19')	2
11.	72661384	RIVET-AL LG HD .25X .50 GRIP	A/R
12.	70034366	PLUG-PLSTC BUTTON BP-1-1/8	A/R
13.	60350056	TREAD-SHUR STEP 12"X 21 in.	2
14.	89393638	WEATHERSTRIP- .75X.38 TRIM-LOC X119 BT	A/R
15.	89396626	EDGING-PLASTIC BLK	A/R
16.	60129777	DRIP TRAY (DOM 4)	1
REV E 20070626			

Body Components

Part #	Body Description
51720996	DOMINATOR IV BODY - 14' RIGHT RAISED COMPT. 1-2/ LEFT STANDARD
51720997	DOMINATOR IV BODY - 14' RIGHT STANDARD / LEFT STANDARD
51720998	DOMINATOR IV BODY - 19' RIGHT RAISED COMPT. 1-2/LEFT STANDARD
51720999	DOMINATOR IV BODY - 19' RIGHT STANDARD/ LEFT STANDARD

Component Part #	Component Description	14' R Rsd 1-2/ L Std	14' R & L Std	19' R Rsd 1-2/ L Std	19' R & L Std
99903654	DRAWING- DOM BASE BODY ASM	1	1	1	1
99904001	DRAWING- DOOR ASSY	1	1	1	1
60124432	ROD-DOOR 27.18 LG	10	10	10	10
60127446	ROD-DOOR 23.12 LG	2	2	2	2
60127636	ROD-DOOR 14.38 LG W/.75" OFFSET	2	4	4	8
60127447	ROD-DOOR 10.38 LG W/.75" OFFSET	2	0	4	0
70034366	PLUG-PLSTC BUTTON	8	8	8	8
72661599	LATCH ASM-3PT COMPRESSION	10	10	12	12
89395459	WEATHERSTRIP-148' ROLL .62X.50	1	1	0	0
89395462	WEATHERSTRIP- 88ft ROLL .62X.50	0	0	1	1
89393638	WEATHERSTRIP- .75X.38 TRIM-LOC X119 BT	5	6	10	12
89396626	EDGING-PLASTIC BLK	35	35	45	45
89396893	FENDER RUBBER-14'	2	2	0	0
89396991	FENDER RUBBER-19'	0	0	2	2
72060833	SCR-THRD.CUT .31-18X.75 HWH-1 (for step)	8	8	8	8
51716326	HARDWARE KIT-CRANE DRIP TRAY	1	1	1	1
60126312	STEP GRIP STRUT RH (BLACK)	1	1	1	1
60126311	STEP GRIP STRUT LH (BLACK)	1	1	1	1
70396637	DECAL KIT-OUTSIDE	1	1	1	1
72661467	HANDLE-BODY BOLT ON 7.0X2.5BLK	2	2	2	2
91720188	MANUAL-DOMINATOR IV WITH BINDER	1	1	1	1
60129777	DRIP TRAY-CRANE COMPARTMENT	1	1	1	1
60350056	TREAD-SHUR STEP 12"X 21 in.	2	2	2	2
51716366	HARDWARE KIT-RIVET/GRAB HANDLE (+72601551 (QTY 2))	1	1	0	0
51720267	KIT-HRDW DOM RIVET/GRAB HANDLE (+72601551 (QTY 2))	0	0	1	1
93719876	INSTALL KIT BODY-CHASSIS	1	1	1	1
51720174	ELEC KIT-BASE KIT (CHASSIS)	1	1	1	1
51720173	ELEC KIT-BASE KIT (BODY)	1	1	1	1
77441127	HARNESS-DOM (II) 13' & 14' FRT JUMPER	2	2	0	0
77441202	HARNESS-DOM (II) 19' FRT JUMPER	0	0	2	2
51719888	HARDWARE KIT- MUD FLAPS	1	1	1	1

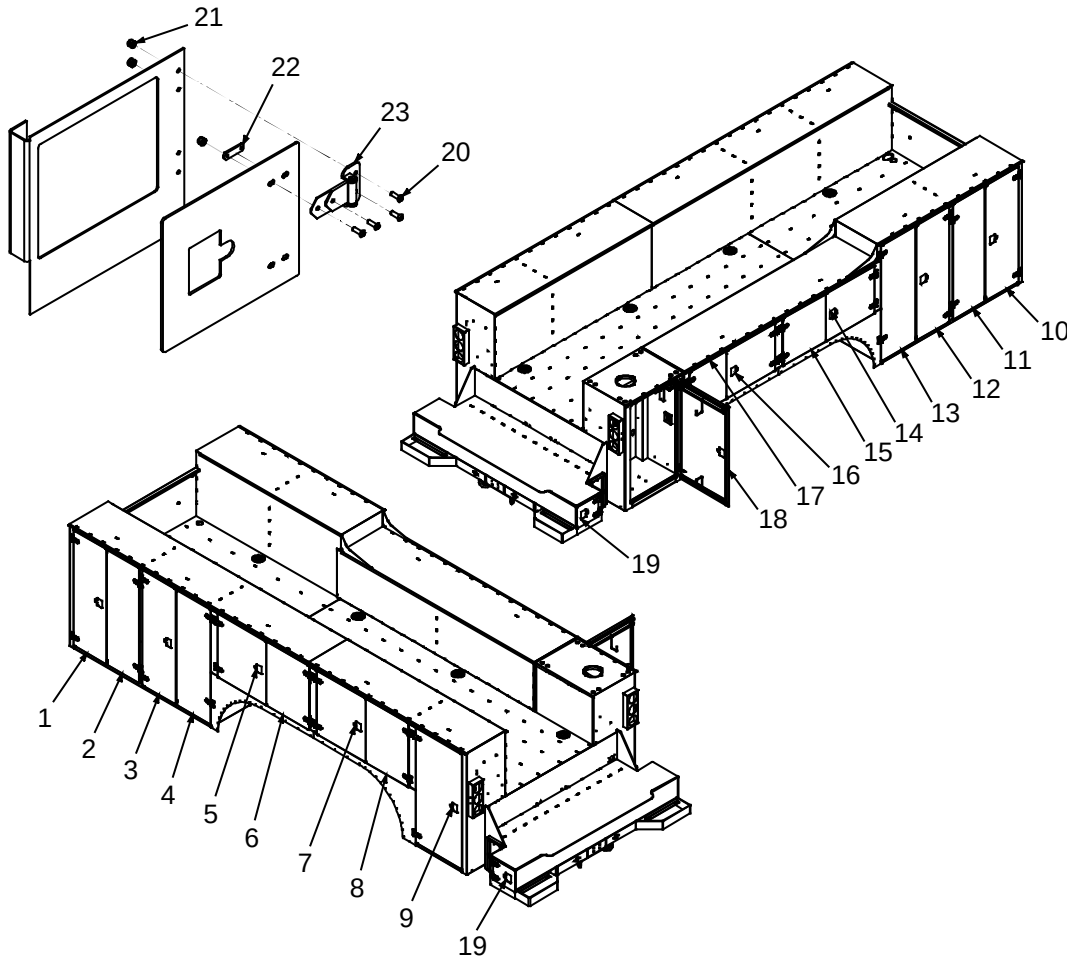
KEY CYLINDER REPLACEMENT: The Dominator service vehicle uses door latch assembly 72661599 on all compartment doors. Upon installation, the latch assemblies have a common key cylinder, part number 72661608. However, the key cylinders can be changed so compartments use different keys. This feature allows different Dominator compartments to have different keys, thus increasing security.

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

Alternate key cylinders include:

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

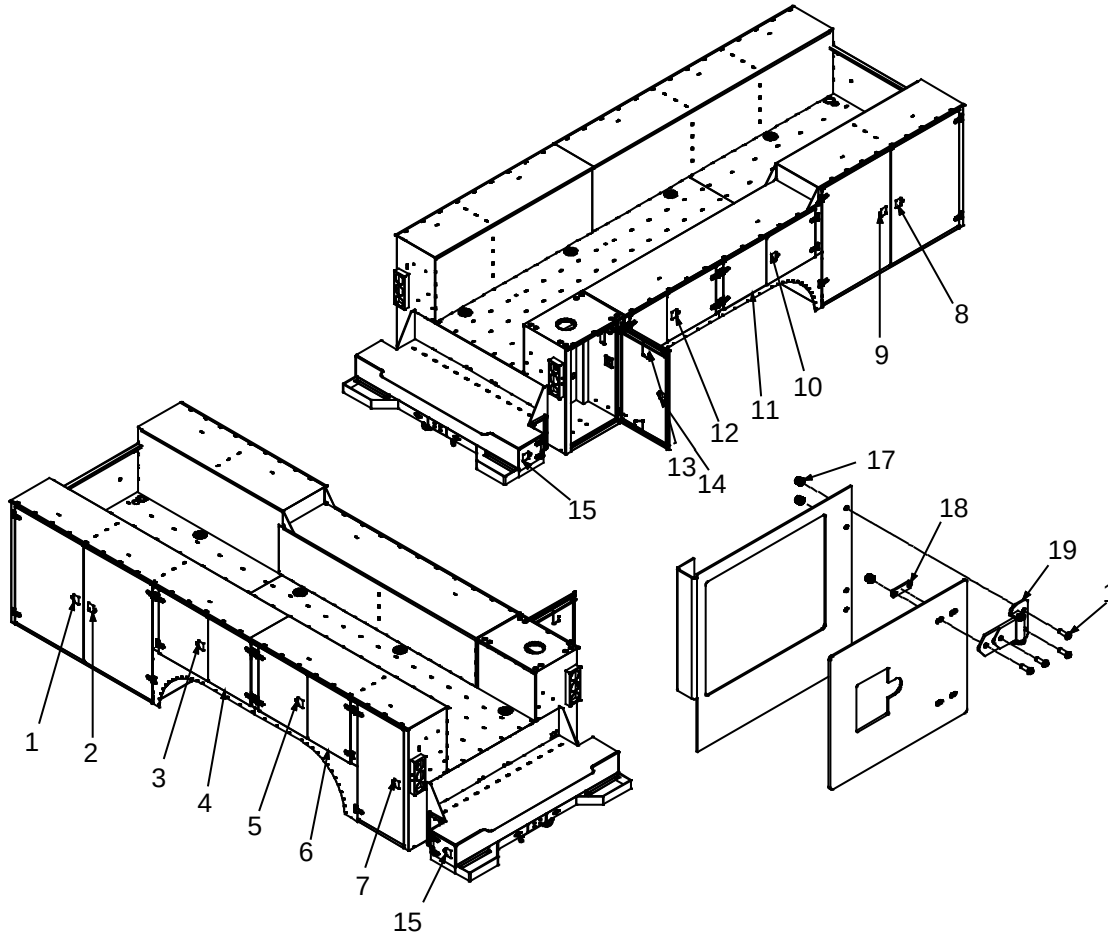
Door Assembly (99904001) (Post 11-2008)



99904001 PARTS LIST				
ITEM	LOCATION	BODY SIZE	52" SIDEPACK	60" SIDEPACK
1.	LEFT VERTICAL 1 WITH LATCH	ALL	N/A	52719666
2.	LEFT VERTICAL 2 WITHOUT LATCH	ALL	N/A	52721439
3.	LEFT VERTICAL 2 WITH LATCH	ALL	N/A	52719666
4.	LEFT VERTICAL 2 WITHOUT LATCH	ALL	N/A	52721440
5.	LEFT HORIZONTAL WITH LATCH	19' ONLY	N/A	52720239
6.	LEFT HORIZONTAL WITHOUT LATCH	19' ONLY	N/A	52720141
7.	LEFT HORIZONTAL WITH LATCH	14'	N/A	52719090
7.	LEFT HORIZONTAL WITH LATCH	19'	N/A	52720239

99904001 PARTS LIST				
ITEM	LOCATION	BODY SIZE	52" SIDEPACK	60" SIDEPACK
8.	LEFT HORIZONTAL WITHOUT LATCH	ALL	N/A	52720141
9.	LEFT REAR	ALL	N/A	52720102
10.	RIGHT VERTICAL 1 WITH LATCH	ALL	N/A	52719666
11.	RIGHT VERTICAL 1 WITHOUT LATCH	ALL	N/A	52721439
12.	RIGHT VERTICAL 2 WITH LATCH	ALL	N/A	52719666
13.	RIGHT VERTICAL 2 WITHOUT LATCH	ALL	N/A	52721441
14.	RIGHT HORIZONTAL WITH LATCH	19' ONLY	52720238	52720239
15.	RIGHT HORIZONTAL WITHOUT LATCH	19' ONLY	52720250	52720141
16.	RIGHT HORIZONTAL WITH LATCH	14'	52718727	52719090
16.	RIGHT HORIZONTAL WITH LATCH	19'	52720238	52720239
17.	RIGHT HORIZONTAL WITHOUT LATCH	ALL	52719895	52720281
18.	CRANE BOX	ALL	52720100	52720100
19.	WORKBENCH	ALL	60126276	60126276
20.	SCREW-MACH .25-20X .75 TRHTORXSS (4 PER HINGE)	ALL	72601652	72601652
20.	SCR-MACH .25-20X 1.00 TRHTORXSS (2 PER HINGE)	CRANE BOX	72601653	72601653
21.	NUT-SS .25-20 NYLOC (3 PER HINGE)	ALL	72062194	72062194
22.	WELD NUT .25-20 (1 PER HINGE)	ALL	72062264	72062264
23.	HINGE-SS 10GA BUTT	ALL	72661383	72661383
REV C 20081215				

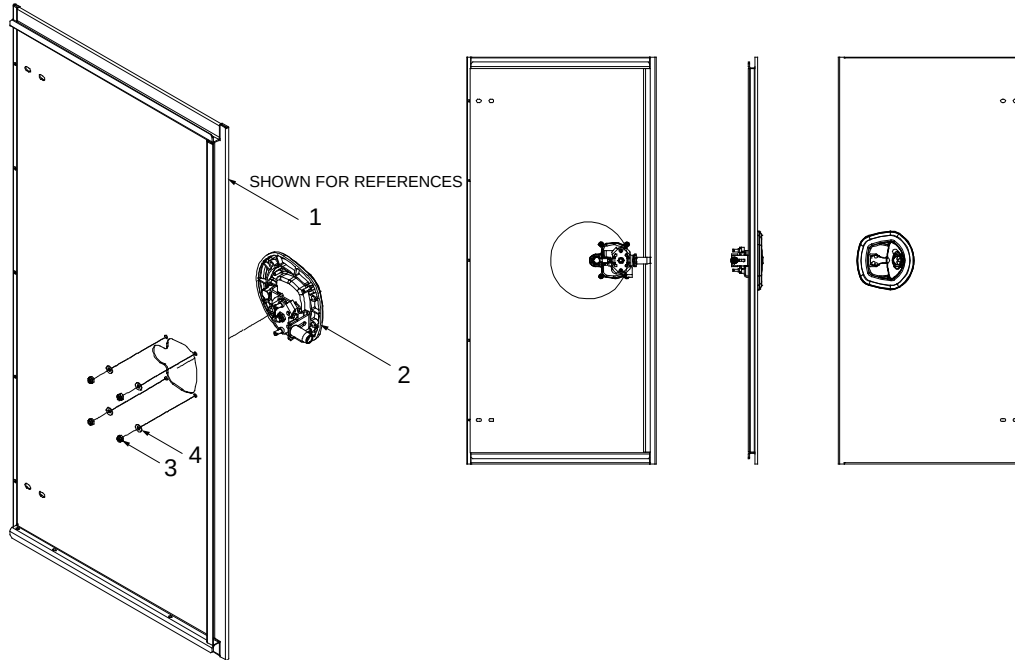
Door Assembly (99904001) (Prior to 11-2008)



99904001 PARTS LIST				
ITEM	LOCATION	BODY SIZE	52" SIDEPACK	60" SIDEPACK
1.	LEFT VERTICAL 1	ALL	N/A	52720467
2.	LEFT VERTICAL 2	ALL	N/A	52720465
3.	LEFT HORIZONTAL W/LATCH	19'	N/A	52720239
4.	LEFT HORIZONTAL W/O LATCH	19'	N/A	52720141
5.	LEFT HORIZONTAL W/LATCH	14'	N/A	52719090
	LEFT HORIZONTAL W/LATCH	19'	N/A	52720239
6.	LEFT HORIZONTAL W/O LATCH	ALL	N/A	52720141
7.	LEFT REAR	ALL	N/A	52720102
8.	RIGHT VERTICAL 1	ALL	52720467	52720467
9.	RIGHT VERTICAL 2	ALL	52720466	52720466
10.	RIGHT HORIZONTAL W/LATCH	19'	52720238	52720239

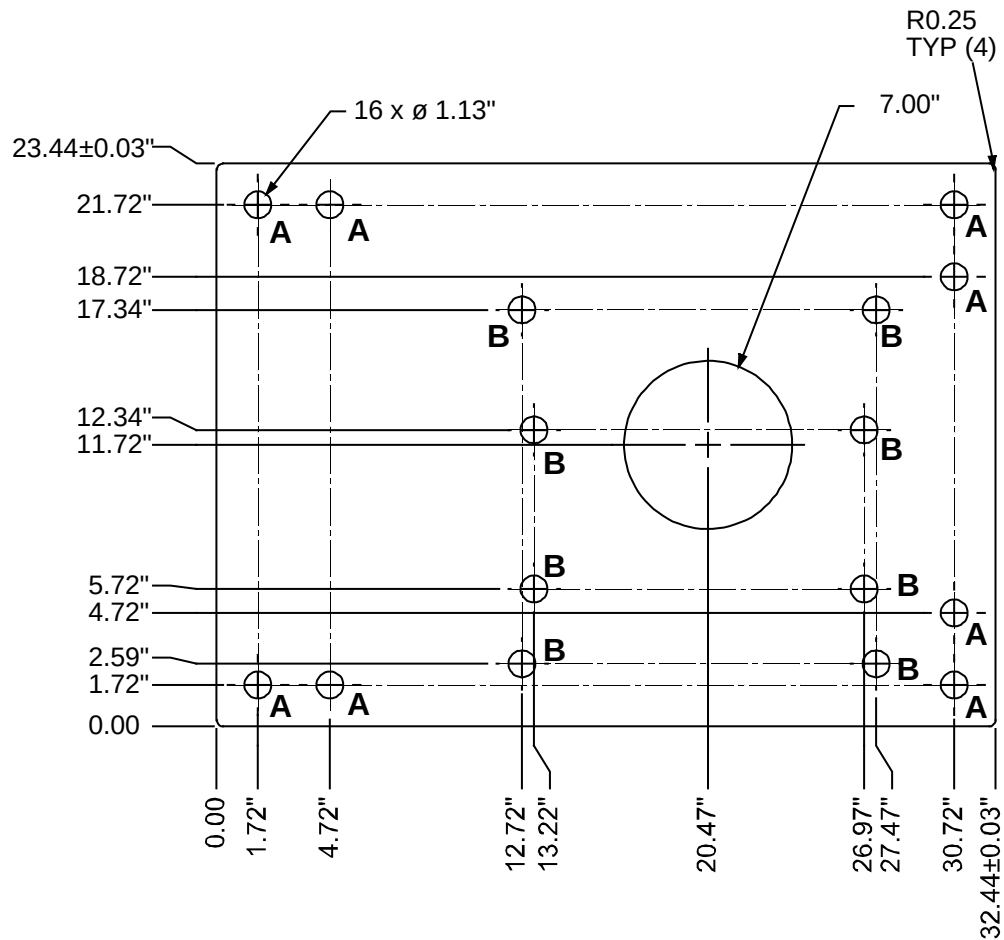
99904001 PARTS LIST				
ITEM	LOCATION	BODY SIZE	52" SIDEPACK	60" SIDEPACK
11.	RIGHT HORIZONTAL W/O LATCH	19'	52720250	52720141
12.	RIGHT HORIZONTAL W/LATCH	14'	52718727	52719090
	RIGHT HORIZONTAL W/LATCH	19'	52720238	52720239
13.	RIGHT HORIZONTAL W/O LATCH	ALL	52719895	52720281
14.	CRANE BOX	ALL	52720100	52720100
15.	WORKBENCH	ALL	60126276	60126276
16.	SCREW-MACH .25-20X .75 TRHTORXSS (4 PER HINGE)	ALL	72601652	72601652
16.	SCR-MACH .25-20X 1.00 TRHTORXSS (2 PER HINGE)	CRANE BOX	72601653	72601653
17.	NUT-SS .25-20 NYLOC (3 PER HINGE)	ALL	72062194	72062194
18.	WELD NUT .25-20 (1 PER HINGE)	ALL	72062264	72062264
19.	HINGE-SS 10GA BUTT	ALL	72661383	72661383
REV 20080417				

Door Latch Installation (99906023)



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

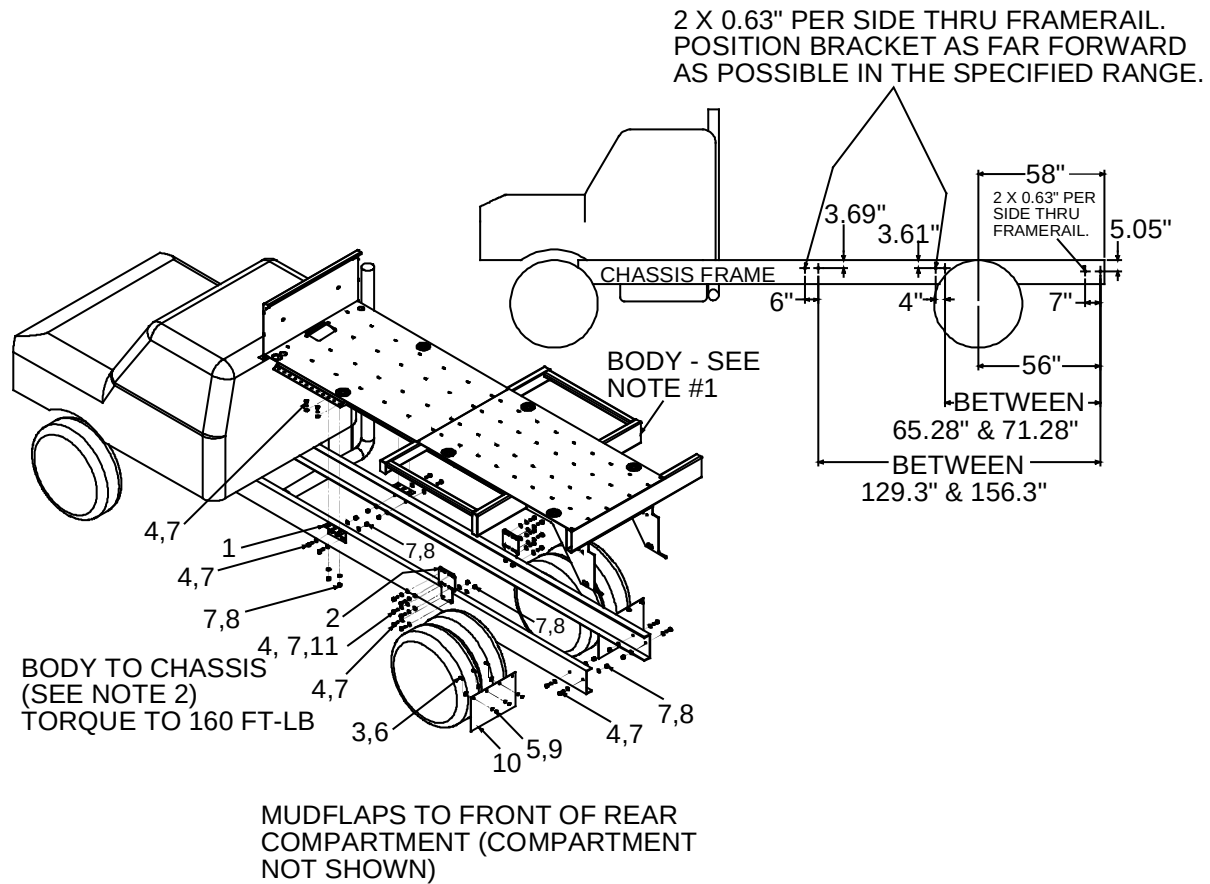
Crane Installation Hole Pattern (60129717)



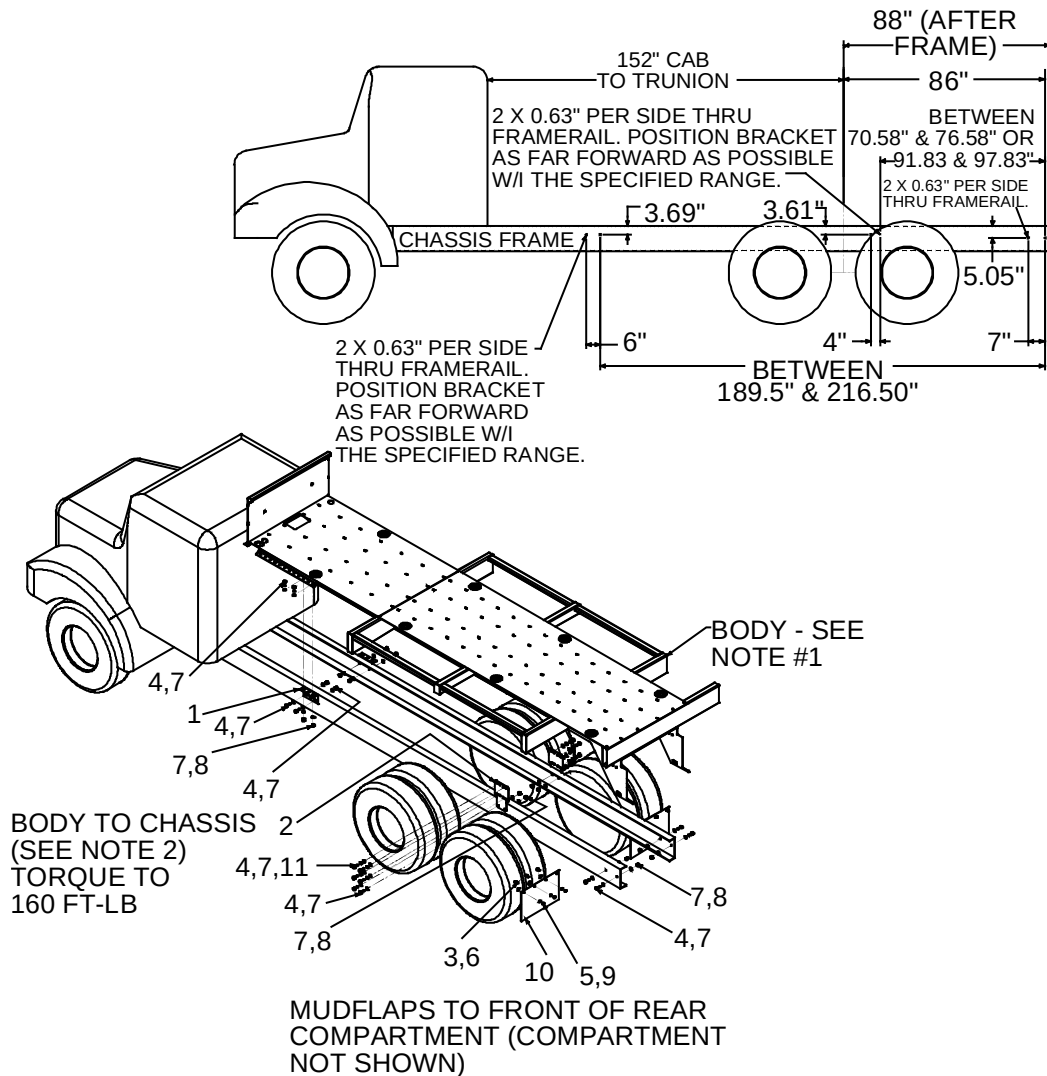
A - INSTALLATION HOLES FOR 7025 & 8025 MODEL CRANES
 B - INSTALLATION HOLES FOR 6625 MODEL CRANE

Body Installation (99904109)

14' INSTALLATION



19' INSTALLATION

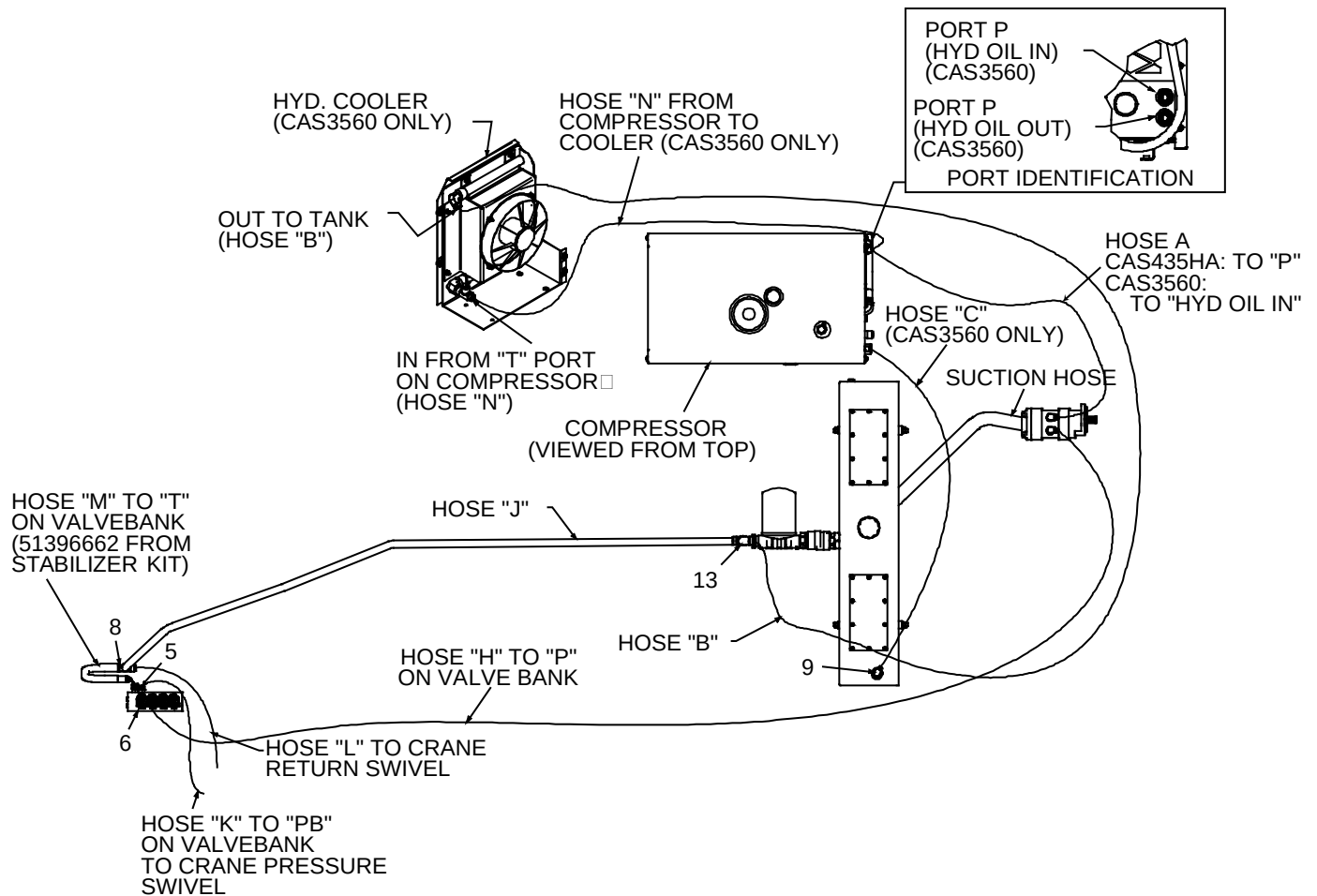
**NOTES:**

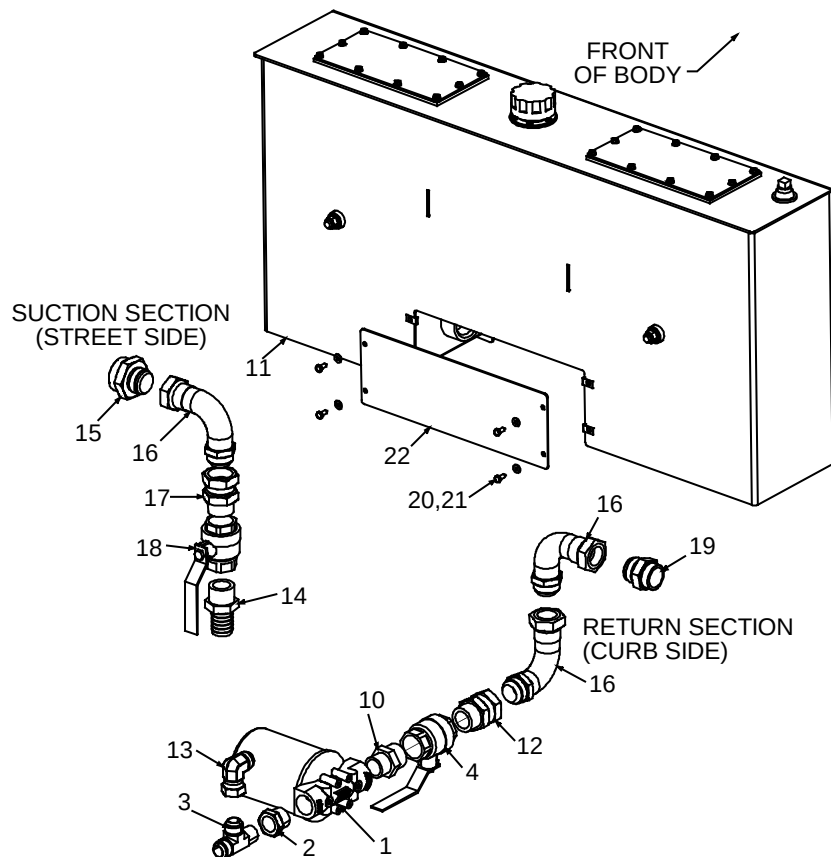
- 1 LEFT AND RIGHT SIDE PACKS OMITTED FOR CLARITY. FASTENERS CAN BE INSTALLED FROM EITHER DIRECTION.
- 2 WHEN USING A TORQUE WRENCH, ALWAYS HOLD THE BOLT AND APPLY TORQUE TO THE NUT WITH THE TORQUE WRENCH.
- 3 FOR TANDEM AXLE 19' DOMINATOR 4 VEHICLES, DIMENSIONS ARE TO THE CENTER OF THE TRUNNION.

99904109 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60115068	MTG ANGLE-BODY TIE DOWN	2
2.	60130827	PLATE-SHEAR-FRAME MOUNT MID	2
3.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	6
4.	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	24

99904109 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
5.	72062109	NUT .31-18 HEX NYLOCK	6
6.	72063078	WASHER .31X1.50 OD ZINC	6
7.	72063119	WASHER .62 FLAT ASTM F436	40
8.	72601859	NUT .62-11 HEX ZINC NYLOK GR8	16
9.	76392598	WASHER-BONDED PLTD .31	6
10.	76393799	MUD FLAP W/MT LOGO 16H X 24W	2
11.	72063055	WASHER .62 LOCK	8
REV. C 20070808			

Hydraulic Installation (99903766)





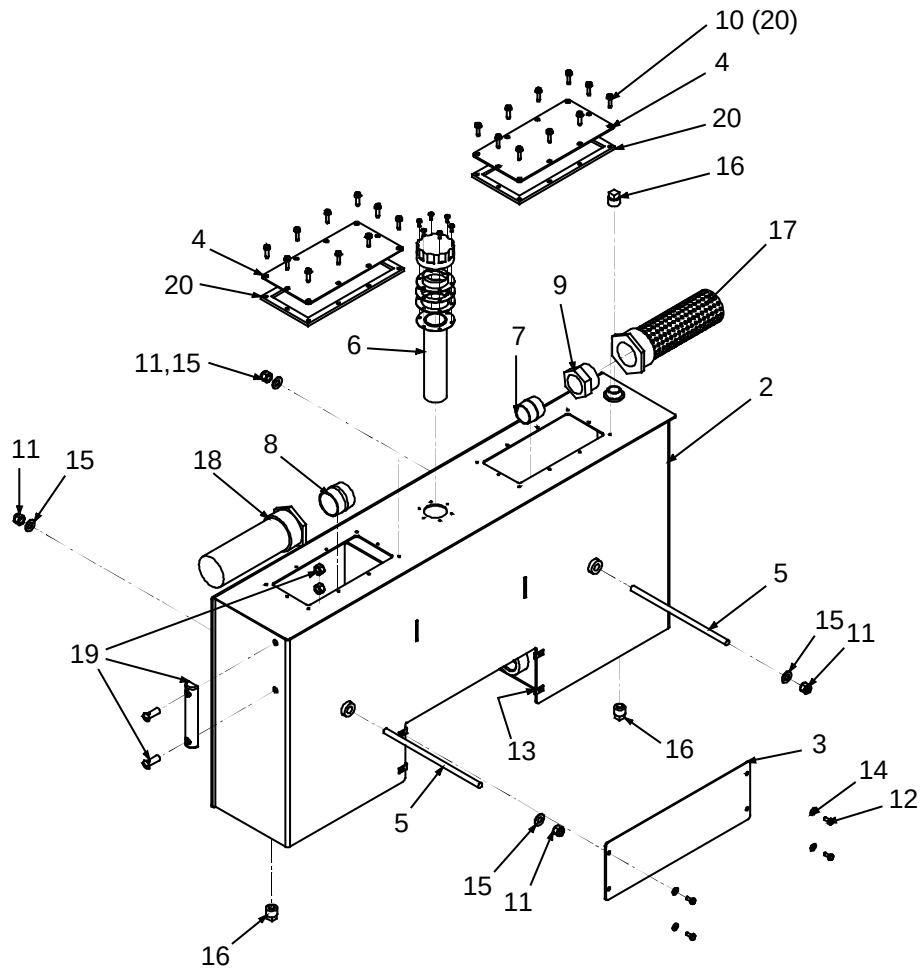
HOSE & COMPONENT PART NUMBERS - DOMINATOR IV BODY WITH CRANE, CAS435HA COMPRESSOR, AND NO WELDER DECK

INSTALLATION KIT		93720673	
HOSE KIT		51720674	
	APPLICATION	PART #	QUANTITY
A	COMP PRESSURE HOSE ASSEMBLY	51395433	1
B	COMP TANK HOSE ASSEMBLY	51396823	1
C	COMP CASE DRAIN HOSE ASSEMBLY	51396845	
F	STRAINER TO PUMP HOSE	60035598	1
G	STRAINER TO PUMP HOSE	51396822	1
H	CRANE PRESSURE HOSE ASSEMBLY	14' - 51396721 19' - 51397030	1
J	CRANE RETURN TO TANK HOSE ASSEMBLY	14' - 51396831 19' - 51397031	1
K	CRANE PRESSURE HOSE ASSEMBLY	51394524	1
L	CRANE TANK HOSE ASSEMBLY	51396661	1
N	COOLER INLET HOSE ASSEMBLY	51396747	
18	REDUCER BUSHING	72531838	1
21	REDUCER BUSHING	72531837	1
22	FITTING	72534411	1
23	SUCTION TEE	72534466	1
25	HOSEBARB-STRAIGHT	72531552	1
26	CLAMP	72066517	2
27	HOSEBARB-ELBOW	72532346	1
28	CLAMP 1.25 (WAS 72066516)	72661642	2

INSTALLATION KIT		93720673	
HOSE KIT		51720674	
	APPLICATION	PART #	QUANTITY
29	ELBOW-CASE DRAIN		
CA	COMP AIR FITTING	72053725	1
CA	COMP AIR FITTING	72531101	1
CA	COMP AIR FITTING	72531547	1
CH	COMP HYD FITTING	72534435	1
CH	COMP HYD FITTING	72534371	1
CH	COMP HYD FITTING	72532739	1
CH	COMP HYD FITTING	72053766	1
CH	COMP HYD FITTING	72532658	1

99903766 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	73052091	FILTER-HYD RET 10MIC 1.25 NPTF	1
2.	72531837	REDUCER BUSH-STL 1.25-1.00	1
3.	72534411	TEE-MALE RUN 1 MPT X 1 JIC	1
4.	73054379	VALVE-BALL 1.50	2
5.	72532358	ADPTR-M STR/M JIC 8 8	3
6.	73734229	VALVE BANK, 3-SECTION (HYD OUT/HYD DOWN) (WAS 73733953)	1
7.	73734228	VALVE BANK, 2-SECTION (MAN OUT/HYD DOWN) (WAS 73733958)	1
8.	72532695	TEE-MALE JIC 1.06-12 .75 TUBE	1
9.	72534410	ELBOW-MPT/90/M JIC .75 6	1
10.	72534438	ADPTR-MPT/HEX/MPT 1.50 1.25	1
11.	51720133	RESERVOIR ASM 29 GAL (DOM 4)	1
12.	72534456	ADPTR-M STR/F JIC SWL 24 24	1
13.	72532971	ELBOW-M JIC/90/F JIC SW 16 16	1
14.	72531552	NIPPLE-BARB STL 1.50MPT 1.50	1
15.	72534455	ADPTR-M STR/M JIC 32 24	1
16.	72534457	ELBOW-M JIC/90/F SW 24 24 TUBE	3
17.	72534456	ADPTR-M NPT/F JIC SW 1.50 24	1
18.	73054379	VALVE-BALL 1.50	1
19.	72534454	ADPTR-M STR/M JIC 24 24	1
20.	72060001	CAP SCR .25-20X .62 HH GR5 Z	4
21.	72063001	WASHER .25 W FLAT ANSI B27.2Z	4
22.	60130206	GUARD-HYD RESERVOIR (WAS 60129218)	1
23.	72531838	REDUCER BUSH-STL 1.50-1.25	A/R
24.	72531551	NIPPLE-BARB STL 1.25MPT 1.50	A/R
REV. E 20081030			

Hydraulic Reservoir (51720133)



NOTE:

- 1 MAXIMUM OIL CAPACITY OF RESERVOIR IS 30 GALLONS, WHICH INCLUDES A 10% AIR GAP. ACTUAL TOTAL VOLUME OF RESERVOIR IS APPROXIMATELY 34 GALLONS.

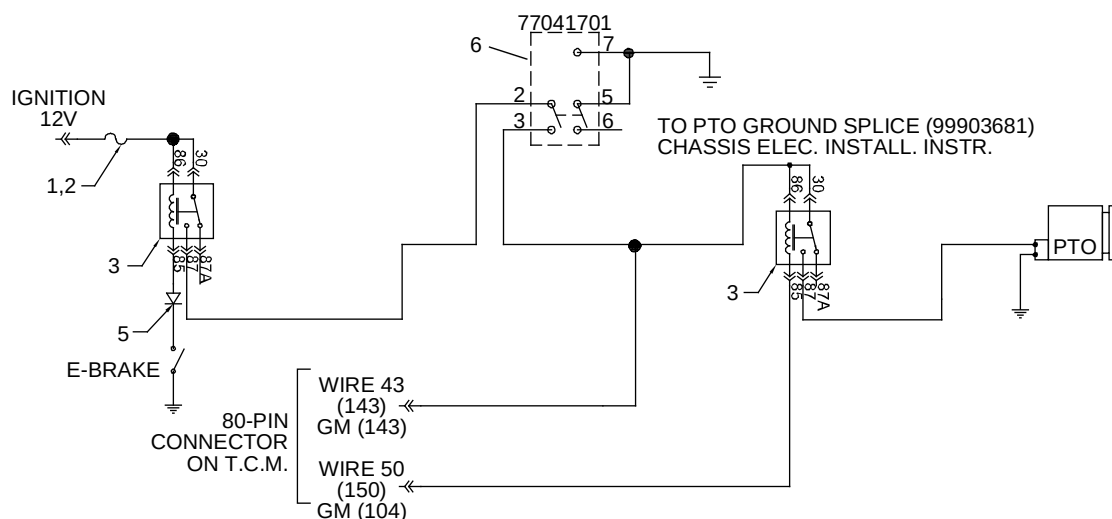
51720133 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51719783	HARDWARE KIT-HYD INSTALL (INCL 12-14)	1
2.	52720128	RESERVOIR-WLDMT 30.00 GAL	1
3.	60130206	GUARD-HYD RESERVOIR	1
4.	60129778	COVER PLATE-RESERVOIR	2
5.	60129786	ROD-THREADED .50-13 X 11.50	2
6.	71412010	FILL-BREATHER BAYONET	1
7.	72053251	NIPPLE-PIPE BLK 1.50X CLOSE	1
8.	72053260	NIPPLE-PIPE BLK 2.00X CLOSE	1
9.	72053379	REDUCER BUSH-BLK 2.00-1.50	1

51720133 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
10.	72061151	SCR-SELF TAP .25X1.003PT HWH SEAL	20
11.	72062080	NUT .50-13 HEX NYLOCK	4
12.	72060001	CAP SCR .25-20X .62 HH GR5 Z	4
13.	72062301	NUT-TINNERMAN 1/4-20UNC	4
14.	72063001	WASHER .25 FLAT	4
15.	72063005	WASHER .50 FLAT	4
16.	73052001	PLUG-PIPE MAGNETIC .75NPT SQHD	3
17.	73052139	DIFFUSER-INTERNAL 55 GPM 3.00NPT 2.00NPT	1
18.	73052140	STRAINER-INTERNAL 50 GPM 3.00NPT 2.00NPT	1
19.	73052142	SIGHT GAUGE- 5" FLUID LEVEL	1
20.	76396890	GASKET-.25 X 11.63 X 5.75 (60) DURO BUNA RUBBER	2
NEW 20061006			

NOTE: IF RESERVOIR IS NOT REQUIRED, USE COVER KIT 51720648 TO COVER OPENINGS IN FLOOR.

PTO Wiring Installation-2006 to Present (99904085)

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



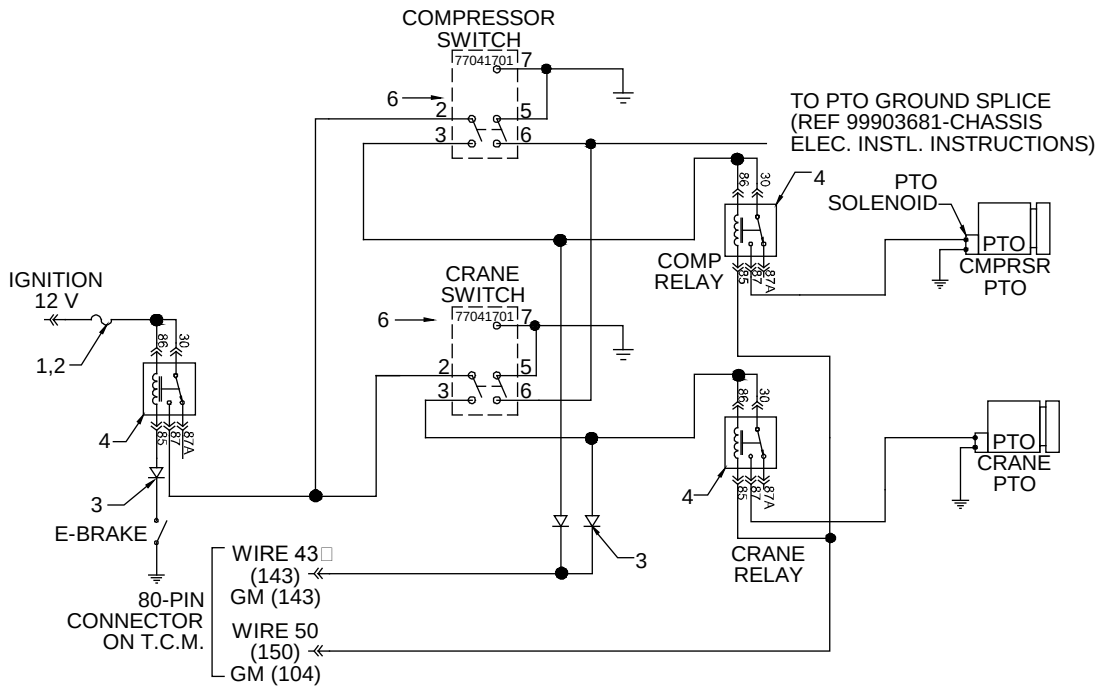
NOTE:

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

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

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

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

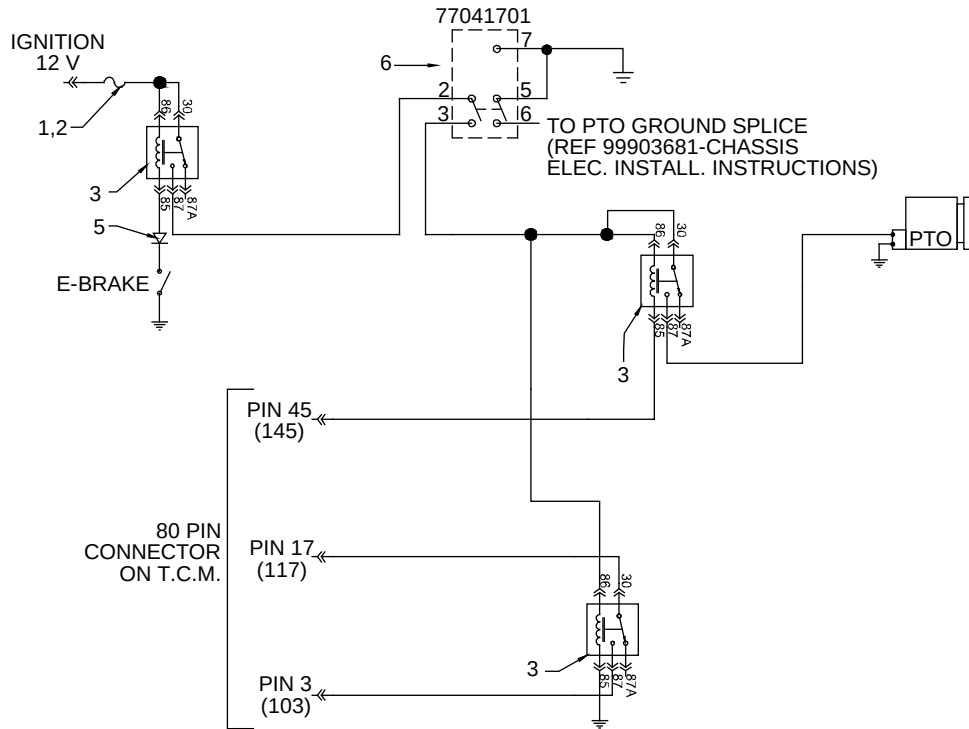
**NOTE:**

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

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

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

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

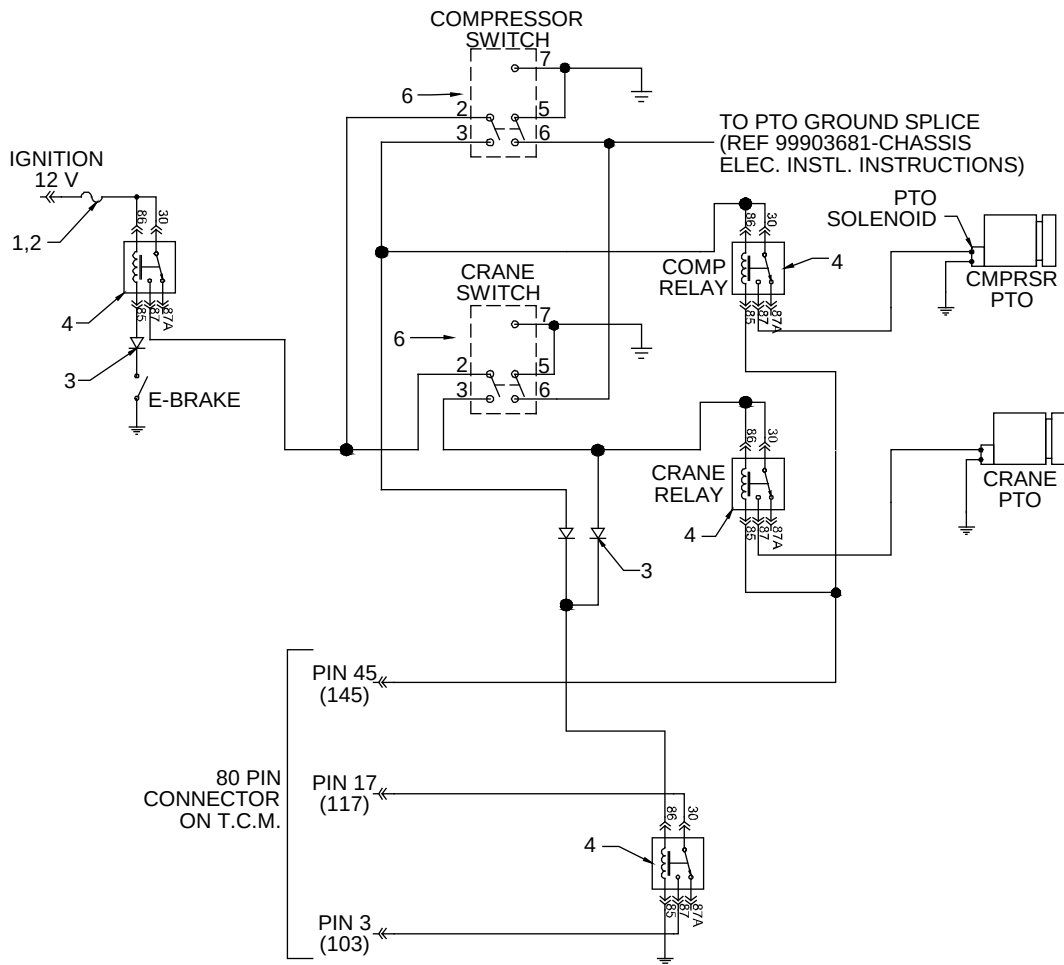
**NOTE:**

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

ALLISON T3000/T4000 4th GEN SINGLE PTO WIRING PARTS LIST

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

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

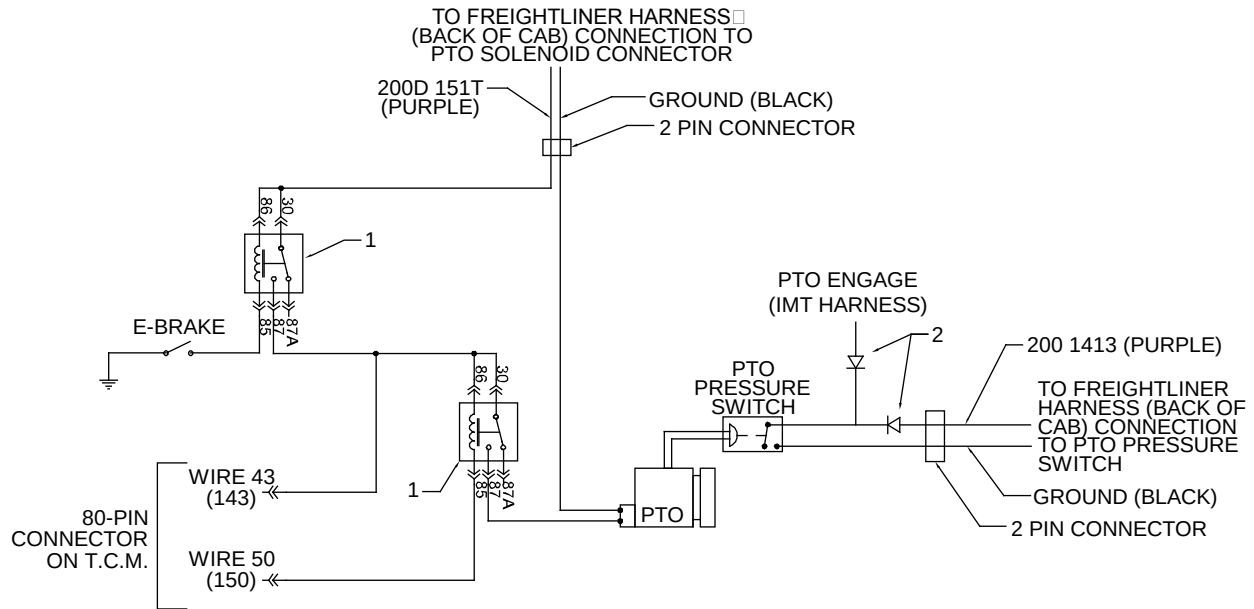
**NOTE:**

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

ALLISON T3000/T4000 4th GEN DUAL PTO WIRING PARTS LIST

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

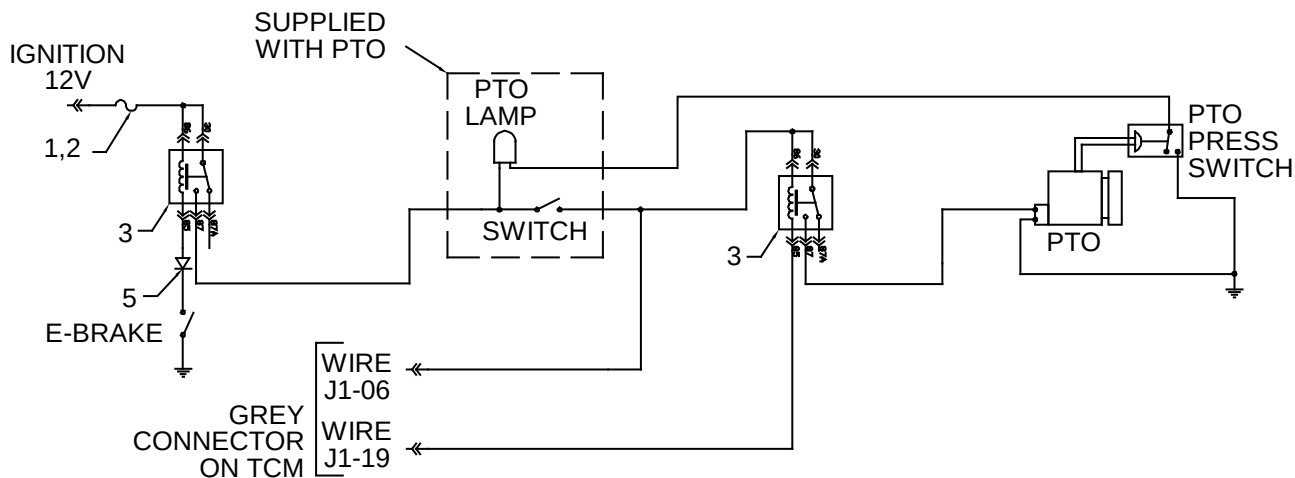
Allison T1000/T2000 TCM Freightliner - Single PTO (4th Generation) (2006-present) (99904085-5)

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

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

PTO Wiring Installation Through 2005 (99903409)

Allison T1000/T2000 TCM with Single PTO Through 2005 (99903409-1)

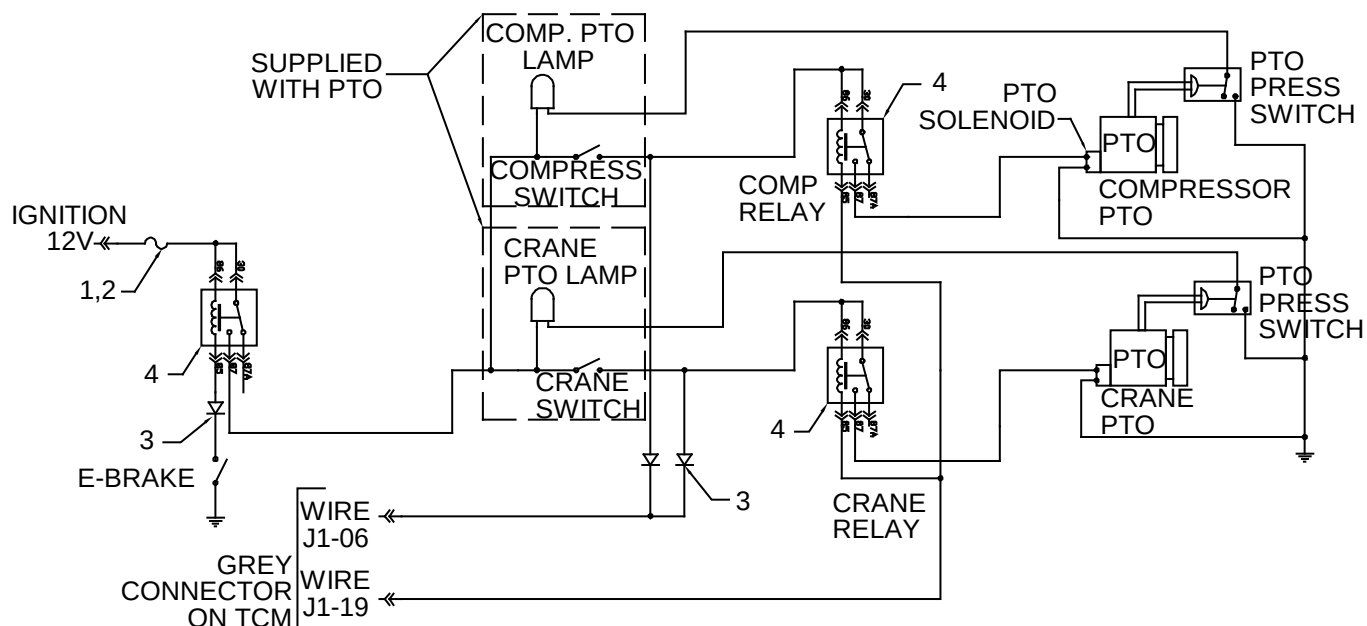


NOTE:

- 1 Different chassis may have different codes for the TCM wire numbers.
- 2 TCM for Freightliner is behind the dash on the passenger side of the cab. Splice into appropriate wires at that location.
- 3 TCM for Sterling Actera is located under the cab. Use customer access Metripack connector located on the driver's side wheel well. Use cavity "F" for wire J1-06 and cavity "G" for wire J1-19. Use item #4 terminal to connect.
- 4 TCM for International 4300 and 4400 models is located under the cab. Use customer access Metripack connector located in the driver's side, upper wheel well. Use cavity "B" for wire J1-06 and cavity "C" for J1-19. Use item #4 terminal to connect.
- 5 GM Transmission Connector (Located near upfitter connector in the engine compartment on the right side) Wire 106 = Pin B; Wire 119 = Pin J

ALLISON T1000/T2000 SINGLE PTO WIRING PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77044764	FUSE HOLDER W/O FUSE	1
2.	77041527	FUSE-ATC 7.5 AMP	1
3.	77041251	RELAY	1
4.	77441047	TERMINAL, MP 150 16-18GA MALE	2
5.	77044556	DIODE, 2.2 AMP	1

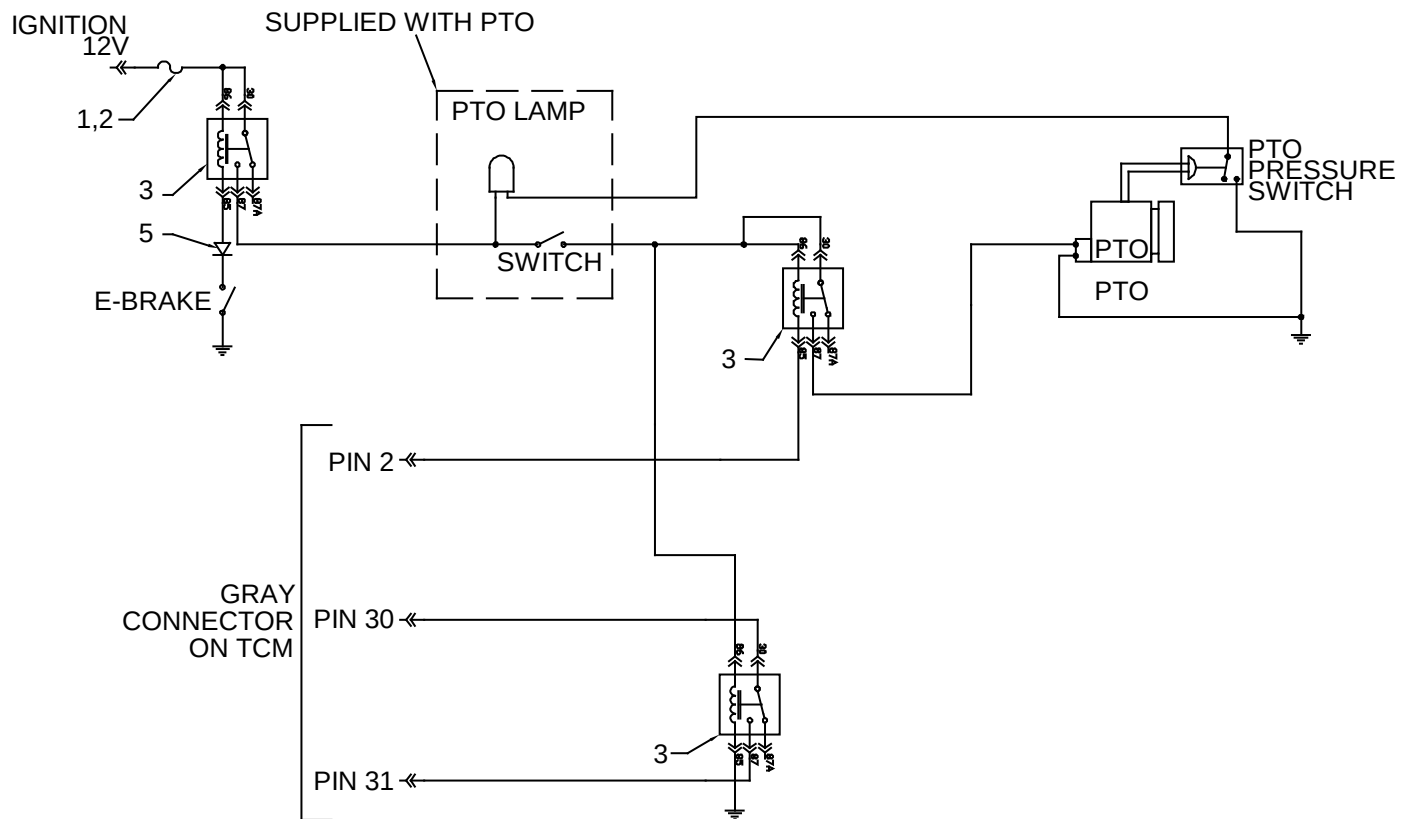
Allison T1000/T2000 TCM with Dual PTO Through 2005 (99903409-2)

**NOTE:**

- 1 Different chassis may have different codes for the TCM wire numbers.
- 2 TCM for Freightliner is behind the dash on the passenger side of the cab. Splice into appropriate wires at that location.
- 3 TCM for Sterling Actera is located under the cab. Use customer access Metripack connector located on the driver's side wheel well. Use cavity "F" for wire J1-06 and cavity "G" for wire J1-19. Use item #5 terminal to connect.
- 4 TCM for International 4300 and 4400 models is located under the cab. Use customer access Metripack connector located in the driver's side, upper wheel well. Use cavity "B" for wire J1-06 and cavity "C" for J1-19. Use item #4 terminal to connect.
- 5 GM Transmission Connector (Located near upfitter connector in the engine compartment on the right side) Wire 106 = Pin B; Wire 119 = Pin J

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

Allison T3000/T4000 TCM with Single PTO Through 2005 (99903409-3)

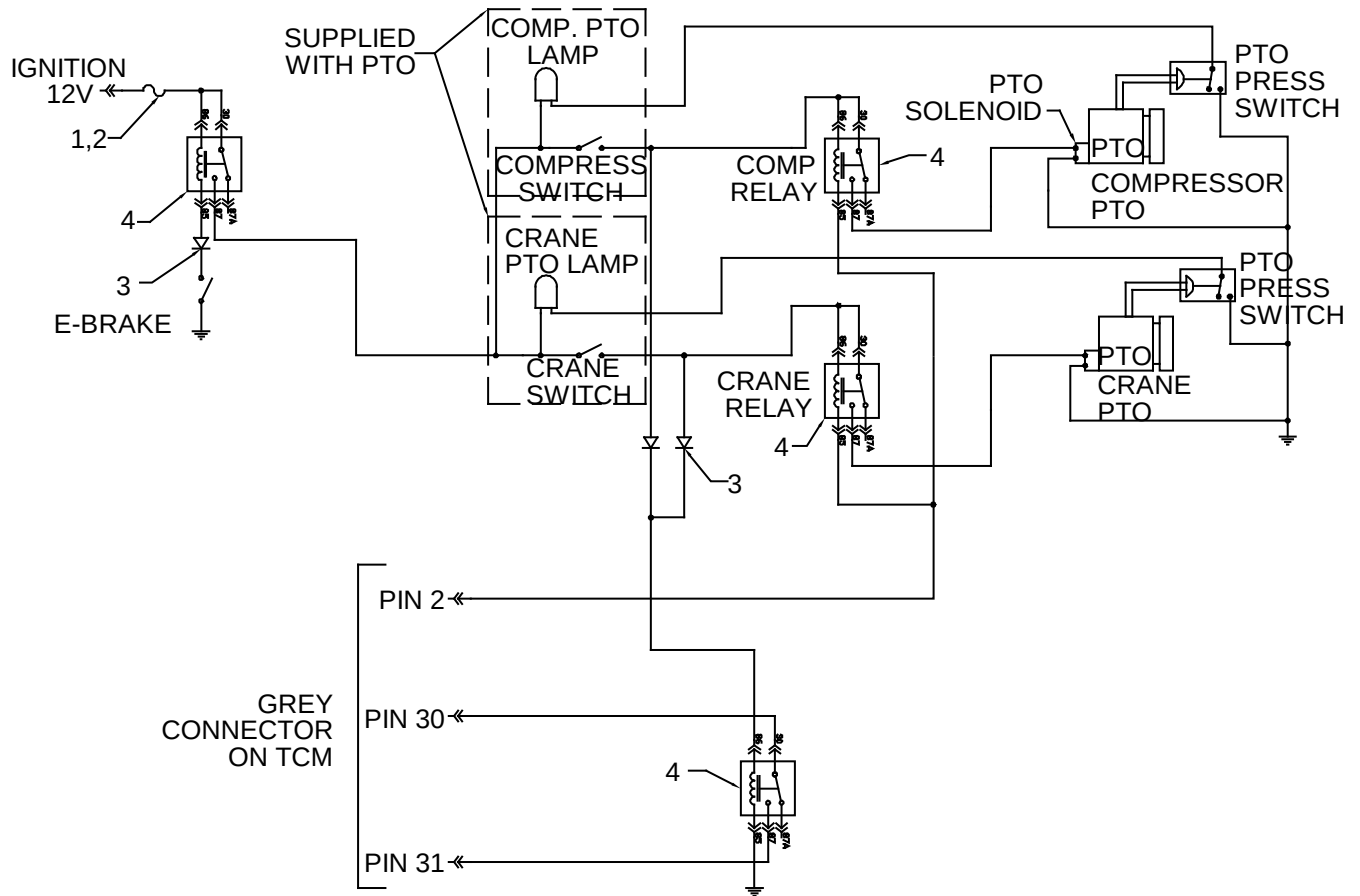


NOTE:

- 1 Different chassis may have different codes for the TCM wire numbers.
- 2 TCM for Freightliner is behind the dash on the passenger side of the cab. Splice into appropriate wires at that location.
- 3 GM transmission connector (located near the GM upfitter connector in the engine compartment on the right side); Pin 2 = Pin A, Pin 30 = Pin B, Pin 31 = Pin J

ALLISON T3000/T4000 SINGLE PTO WIRING PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77044764	FUSE HOLDER W/O FUSE	1
2.	77041527	FUSE-ATC 7.5 AMP	1
3.	77041251	RELAY	2
4.	77441047	TERMINAL, MP 150 16-18GA MALE	3

Allison T3000/T4000 TCM with Dual PTO Through 2005 (99903409-4)

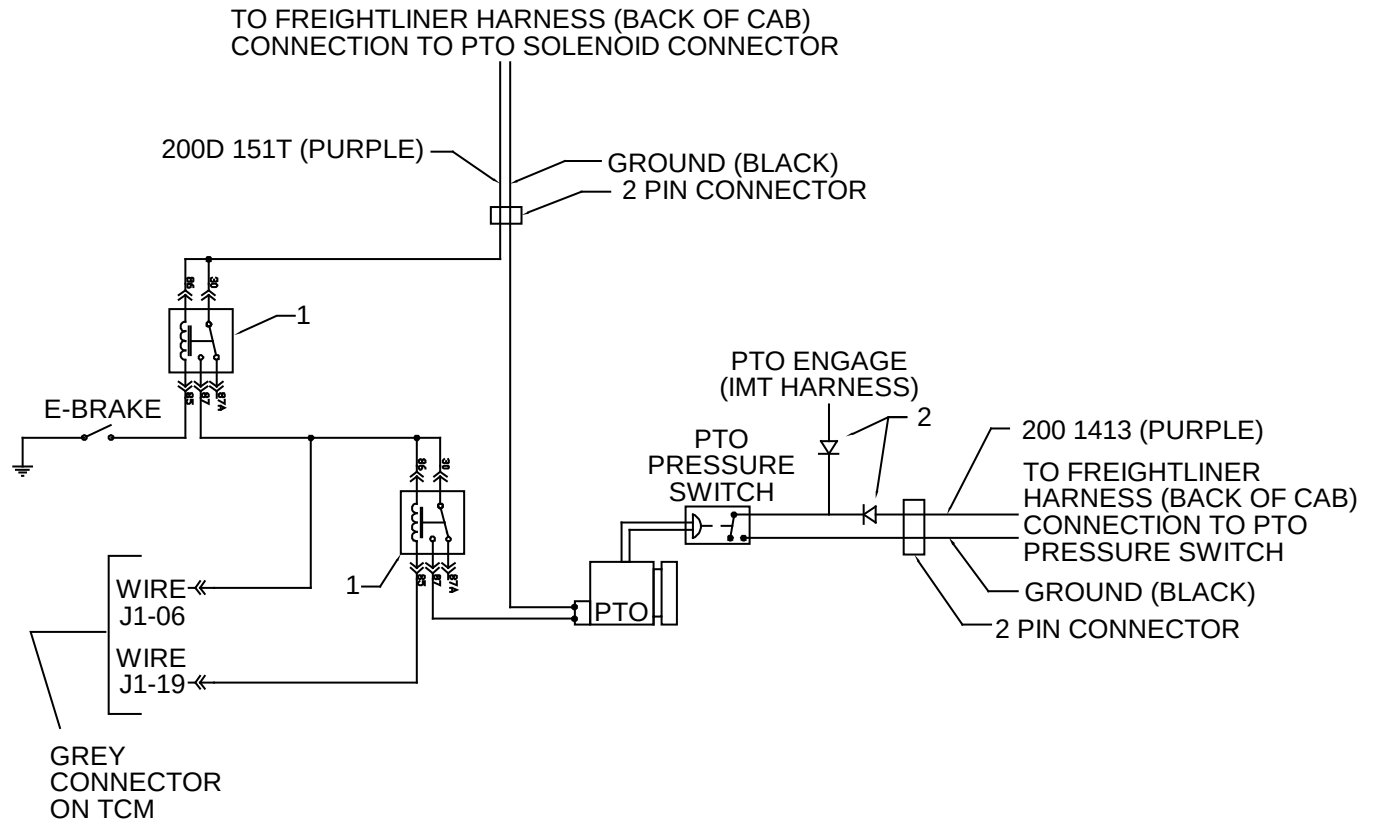
**NOTE:**

- 1 Different chassis may have different codes for the TCM wire numbers.
- 2 TCM for Freightliner is behind the dash on the passenger side of the cab. Splice into appropriate wires at that location.
- 3 GM transmission connector (located near the GM upfitter connector in the engine compartment on the right side); Pin 2 = Pin A, Pin 30 = Pin B, Pin 31 = Pin J
- 4 Use item #5 to connect.

ALLISON T3000/T4000 DUAL PTO WIRING PARTS LIST

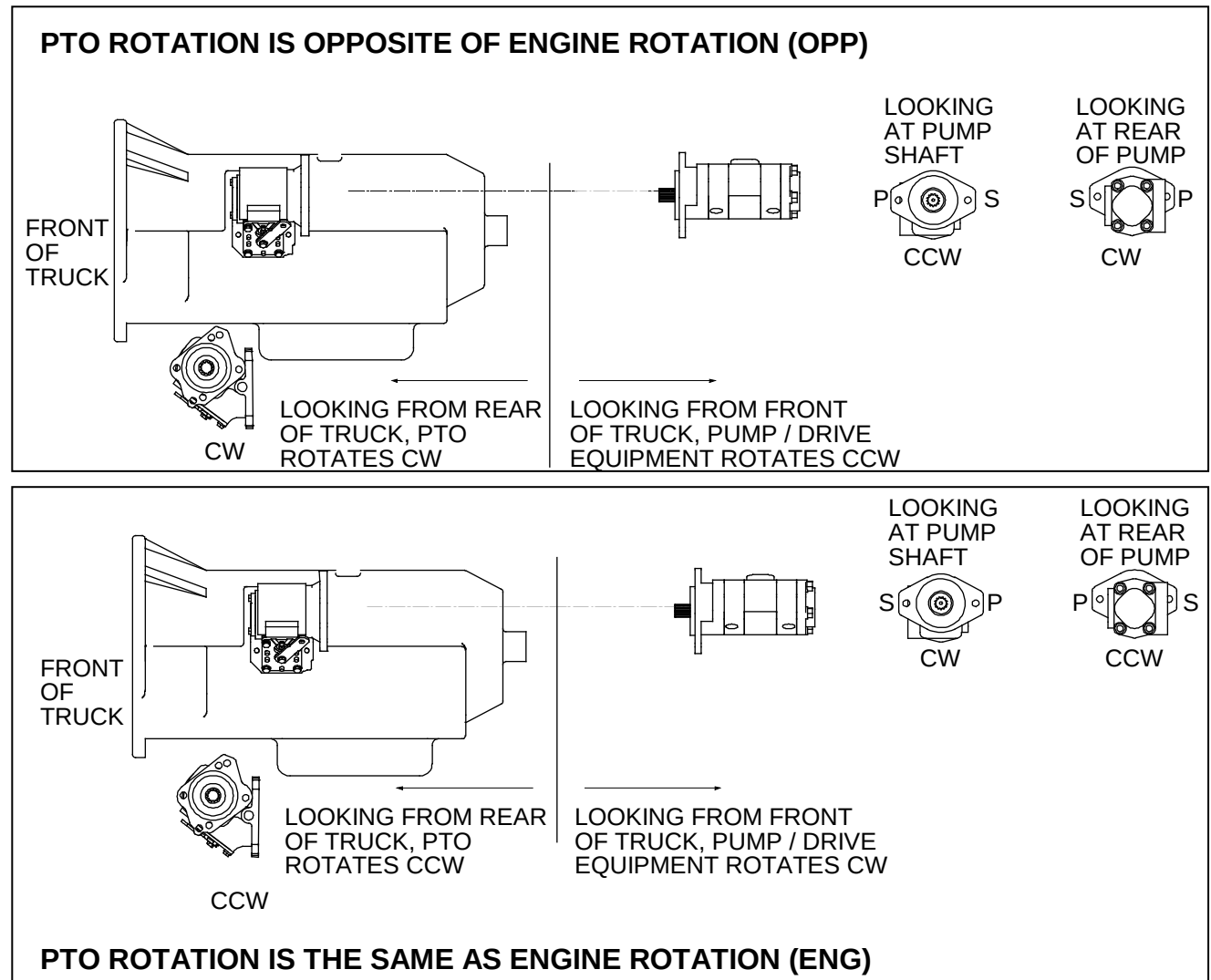
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77044764	FUSE HOLDER W/O FUSE	1
2.	77041527	FUSE-ATC 7.5 AMP	1
3.	77044556	DIODE 2.2 AMP	2
4.	77041251	RELAY	2
5.	77441047	TERMINAL, MP 150 16-18GA MALE	REF

Allison T1000/T2000 TCM with Single PTO on Freightliner with PTO Dash Switch Through 2005 (99903409-5)



ALLISON T1000/T2000 TCM SINGLE PTO ON FREIGHTLINER WITH PTO DASH SWITCH			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77041251	RELAY	2
2.	77044556	DIODE, 2.2 AMP	2

PTO/Pump Rotation Guide (99904279)

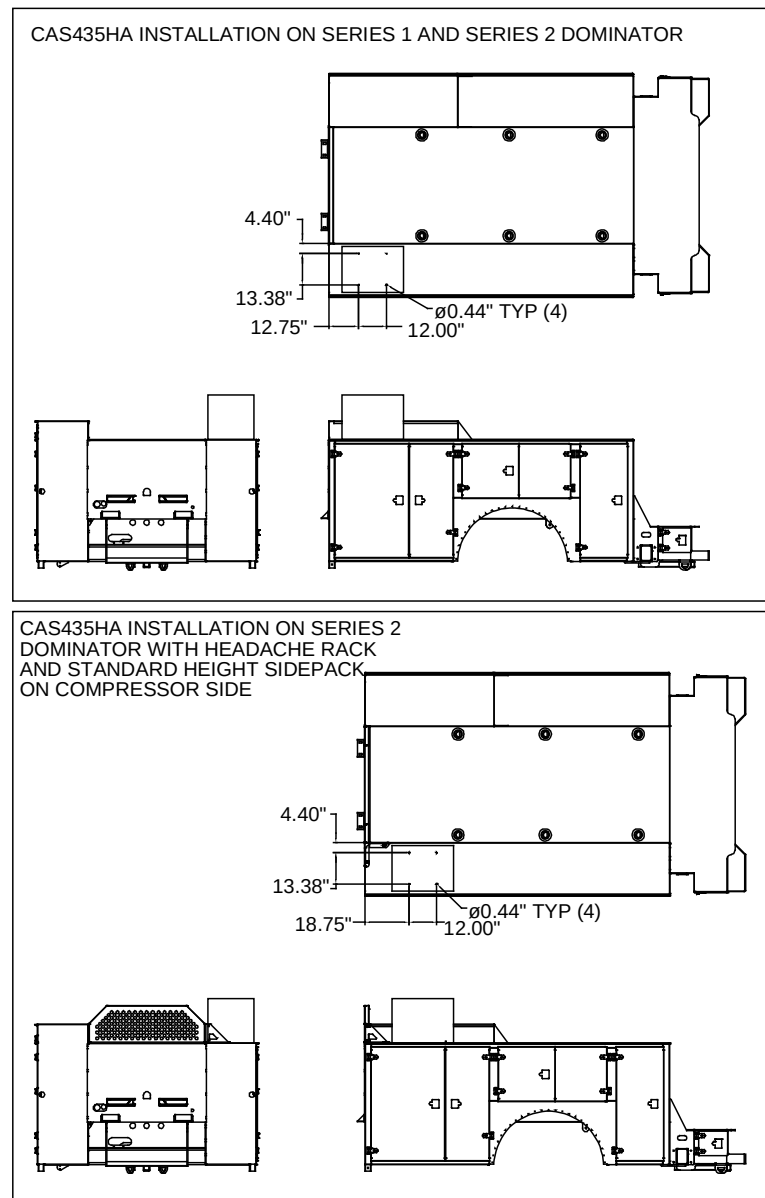


NOTES:

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

Compressor Mounting Locations (99903712)

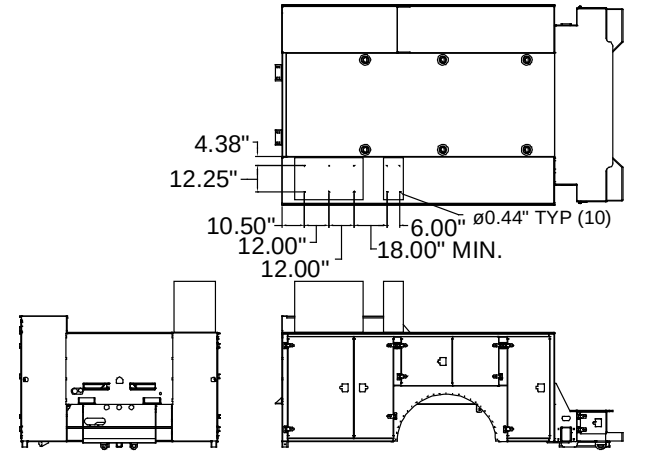
CAS435HA Compressor Mounting Locations

**NOTE:**

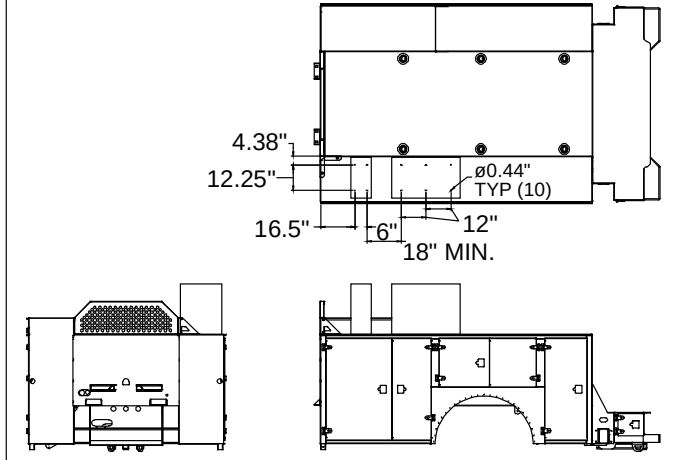
When installing a compressor, maintain a minimum clearance of 8" on each end of the compressor. If installing a compressor with a hydraulic aftercooler, maintain a minimum space of 10" between the compressor and aftercooler, while still maintaining the 8" of clearance on each end of the compressor-cooler combination.

CAS2545 & CAS3560 Compressor Mounting Locations

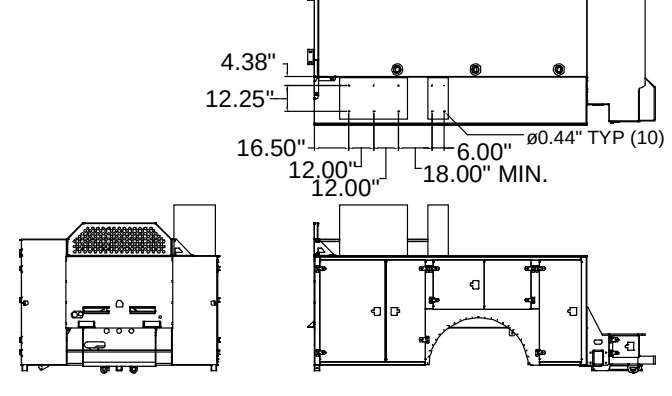
CAS3560 & CAS2545 INSTALLATION ON SERIES 1 AND SERIES 2 DOMINATORS



CAS3560 & CAS2545 INSTALLATION ON SERIES 2 DOM WITH HEADACHE RACK, STANDARD HEIGHT SIDEPACK ON COMPRESSOR SIDE, AND TELESCOPIC ROOF.

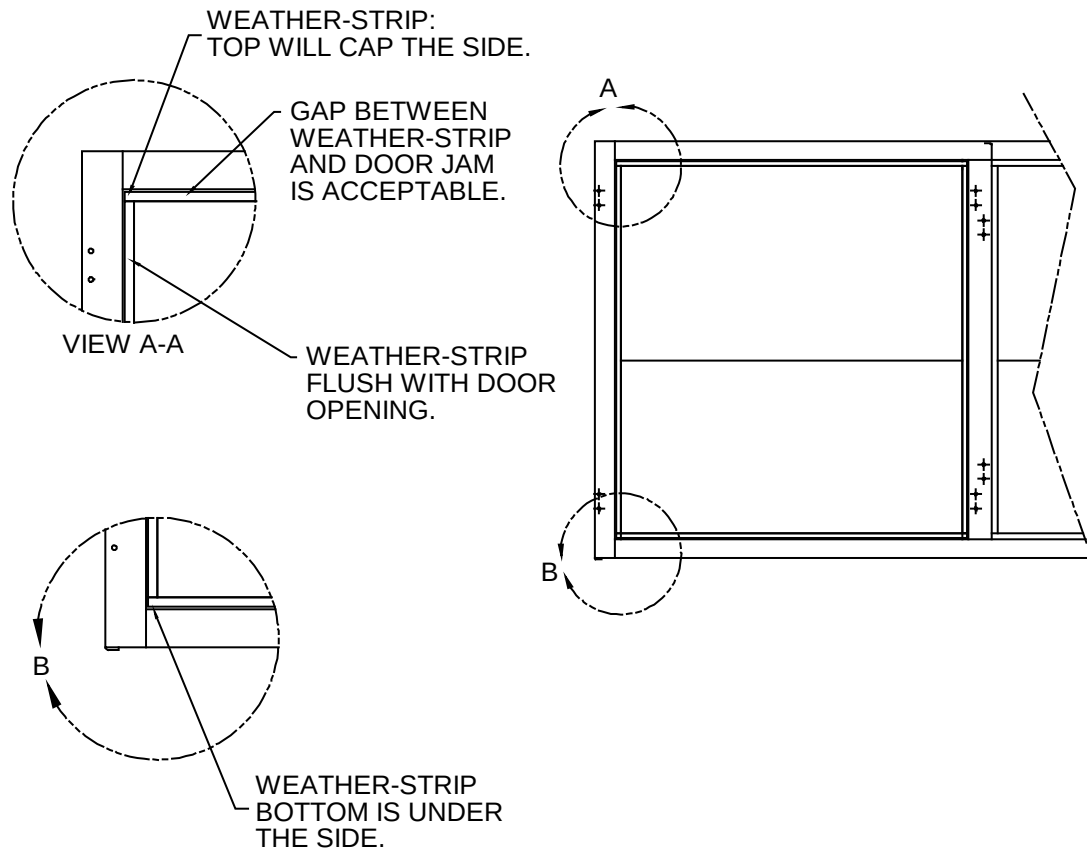


CAS3560 & CAS2545 INSTALLATION ON SERIES 2 DOM WITH HEADACHE RACK AND STANDARD HEIGHT SIDEPACK ON COMPRESSOR SIDE

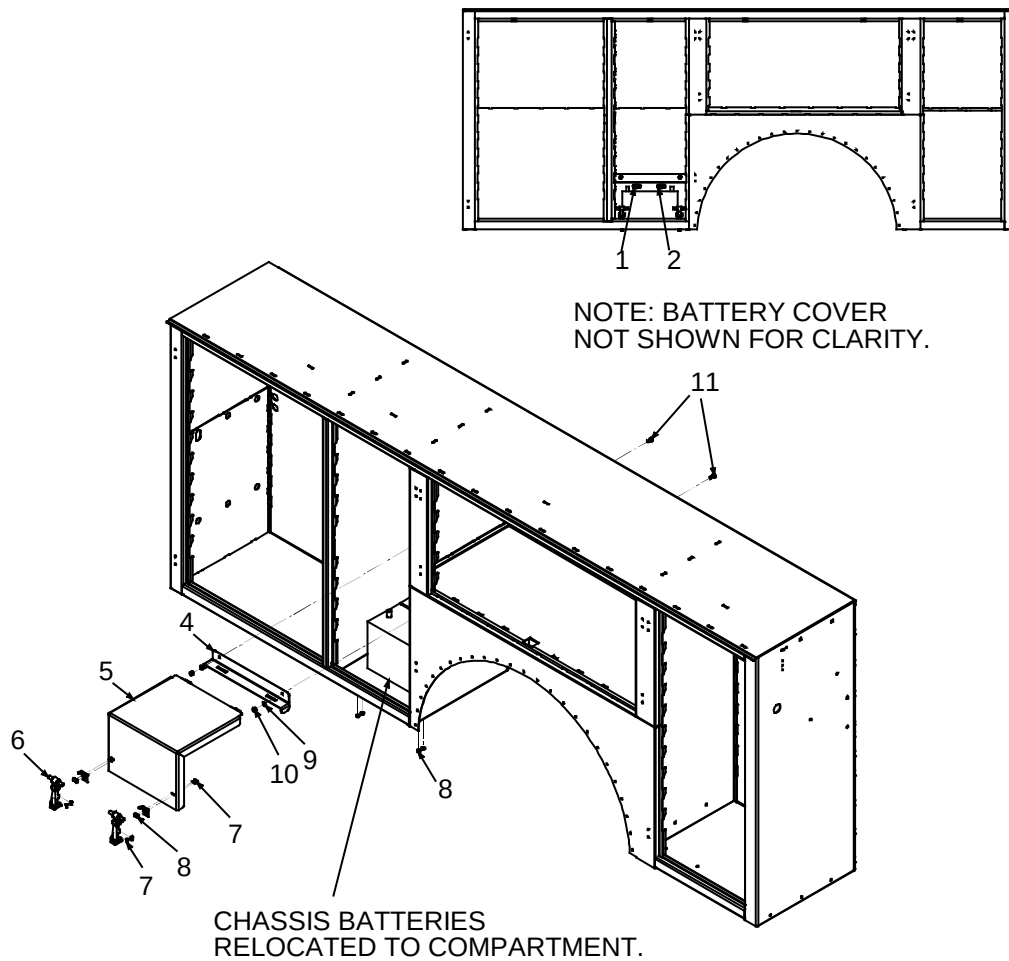
**NOTE:**

When installing a compressor, maintain a minimum clearance of 8" on each end of the compressor. If installing a compressor with a hydraulic aftercooler, maintain a minimum space of 10" between the compressor and aftercooler, while still maintaining the 8" of clearance on each end of the compressor-cooler combination.

Weather-Strip Installation (99904256)



Battery Cover Installation (99904452)



99904452 PARTS LIST				
ITEM	PART #	DESCRIPTION	KIT #	QUANTITY
1.	77041773	STUD-ELEC PASS THROUGH .38 RED		REF
2.	77041774	STUD-ELEC PASS THROUGH .38 BLK		REF
3.	51721742	HARDWARE KIT-BATTERY COVER		1
4.	60133203	BRACKET-BATTERY COVER MOUNT		1
5.	60133202	COVER-BATTERY DOM COMPARTMENT		1
6.	70039108	LATCH-RUBBER T-HANDLE	#3	2
7.	72601940	CAP SCR .10-24X .50 BTNHD ZC	#3	8
8.	72062106	NUT 10-24 HEX NYLOCK	#3	8
9.	72063002	WASHER .31 FLAT	#3	2
10.	72062109	NUT .31-18 HEX NYLOCK	#3	2
11.	72060023	CAP SCR .31-18X .75 HH GR5 Z	#3	2
REV. A 20080904				

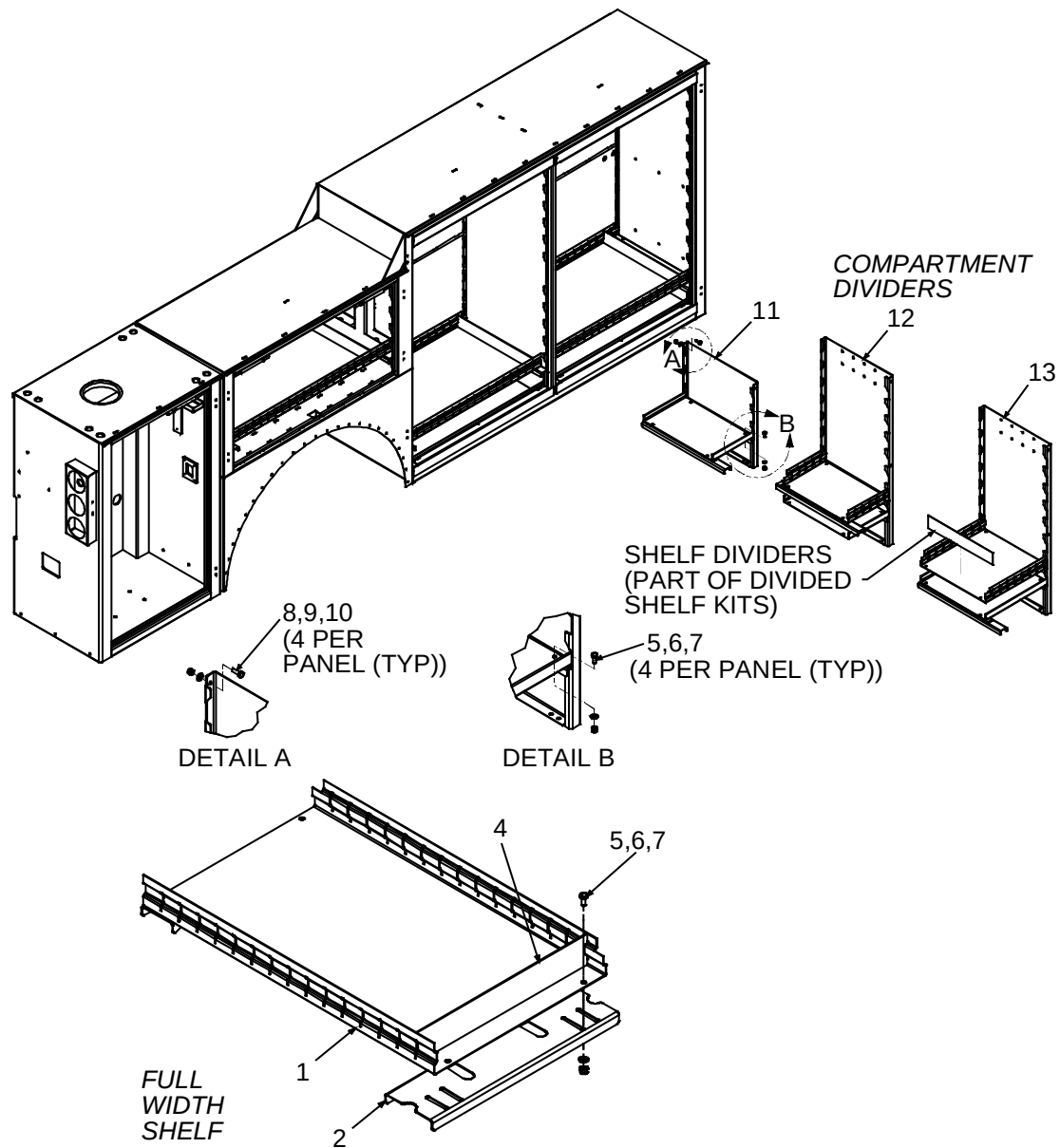
CHAPTER 3

Compartment Options

In This Chapter

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Shelf Installation Drawing (99904062)

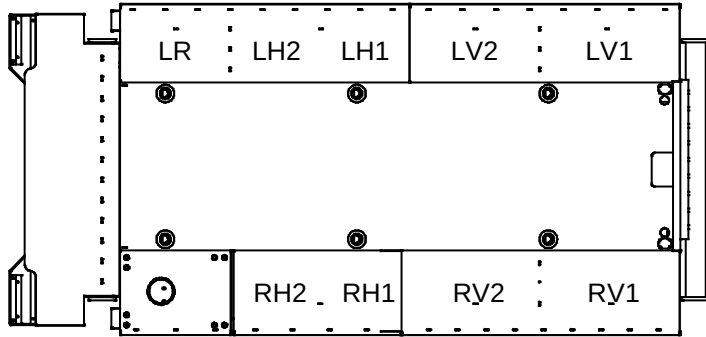


99904062 PARTS LIST

ITEM	PART #	DESCRIPTION
1.	SEE COMPARTMENT LAYOUT CHART (see "Compartment Layout (99904062)" on page 47)	SHELF
2.	SEE COMPARTMENT LAYOUT CHART	SHELF END #2
3.	SEE COMPARTMENT LAYOUT CHART	SHELF END #1

99904062 PARTS LIST		
ITEM	PART #	DESCRIPTION
4.	SEE COMPARTMENT LAYOUT CHART	DIVIDER PANEL
5.	72060023	CAP SCR .31-18X.75 HHGR5Z
6.	72062109	NUT .31-18 HEX NYLOC
7.	72063002	WASHER .31 FLAT
8.	72062167	NUT-SS .31-18 HEX NYLOC
9.	72062314	WASHER-SS BONDED PLTD .31
10.	72601831	CAP SCR-SS .31-18X1 HH
11.	51720216	DIVIDER KIT-BOLT ON DOM 20" H D4
12.	51720126	DIVIDER KIT-BOLT ON 44" & 52" SIDEPACK
13.	51720127	DIVIDER KIT-BOLT ON 60"
REV A 20070111		

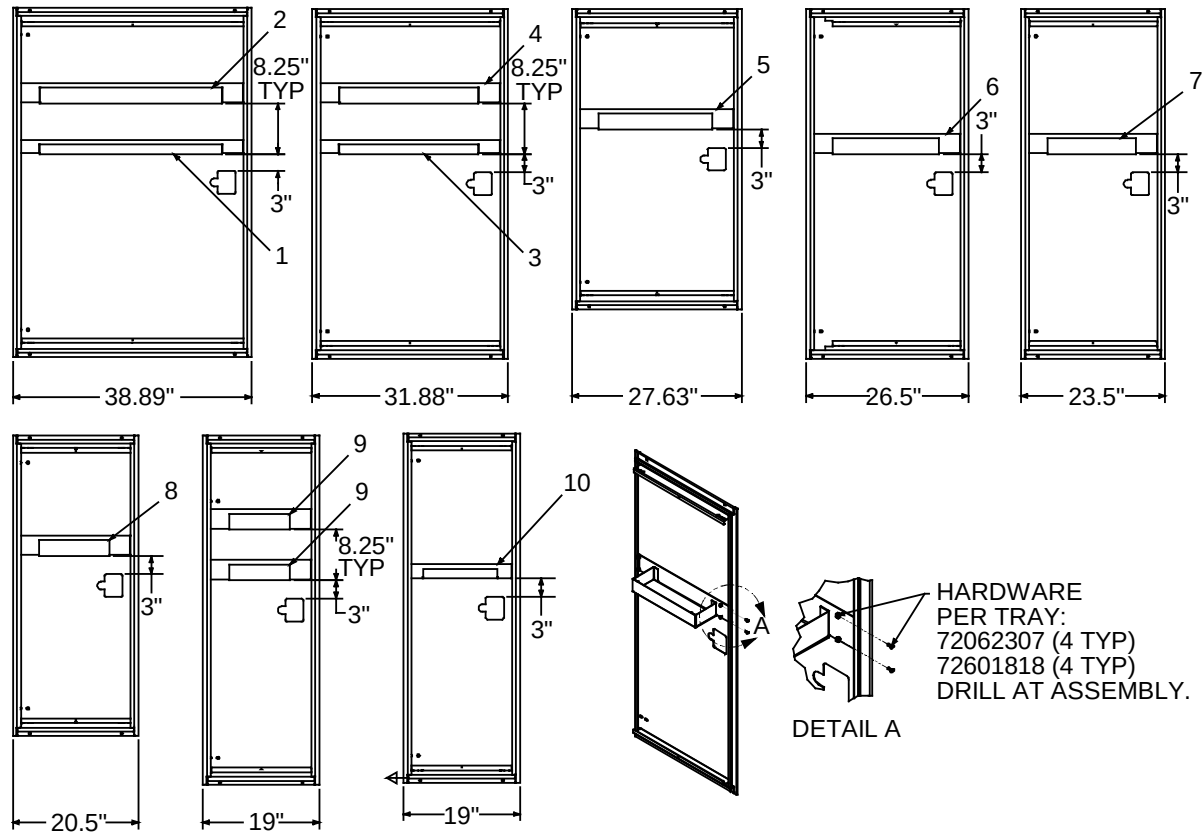
Compartment Layout (99904062)



COMPARTMENTS

LEFT SIDE COMPARTMENT COMPONENTS							
COMPARTMENT LOCATION	ITEM #3 - SHELF END	ITEM #1 - SHELF	ITEM #2 - SHELF END	SHELF WIDTH (INCHES)	SHELF DEPTH (INCHES)	SHELF DIVIDER (60251115)	SHELF KIT NUMBER
LEFT VERTICAL 1 (LV1)	60126425	60130473	60126424	41	19		51720488
	60126425	60130474	60126424	41	19	6 INCLUDED	51720489
LEFT VERTICAL 2 (LV2)	60126429	60130475	60126424	37.38	19		51720490
	60126429	60130476	60126424	37.38	19	4 INCLUDED	51720491
LEFT HORIZONTAL 14' LH (LH1)	60126423	60129822	60126429	52	19		51720200
	60126423	60129825	60126429	52	19	10 INCLUDED	51720201
LEFT HORIZONTAL 19' (LH1)	60126423	60129956	60126429	55.5	19		51720284
	60126423	60129957	60126429	55.5	19	10 INCLUDED	51720285
LEFT HORIZONTAL 19' (LH2)	60126423	60129956	60126429	55.5	19		51720284
	60126423	60129957	60126429	55.5	19	10 INCLUDED	51720285
LEFT REAR (LR)	60126423	60129821	60126697	32	19		51720202
	60126423	60129820	60126697	32	19	5 INCLUDED	51720203

Installation Drawing, Door Trays (99903667)



NOTE:

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

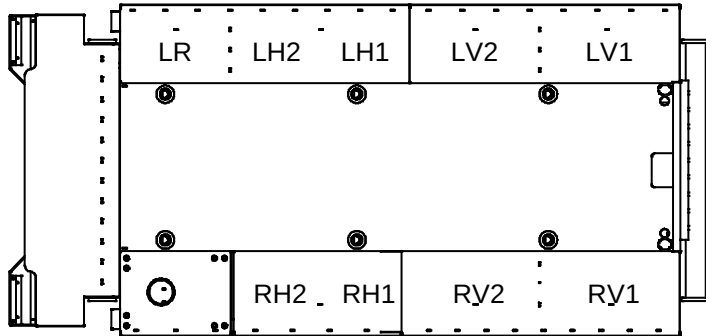
99903667 PARTS LIST

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

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

REV. D 20081112

Parts List, Drawer Units and Kits



COMPARTMENTS

Compartment Key

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

RH	Right Horizontal
RV2	Right Vertical 2
RV1	Right Vertical 1

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

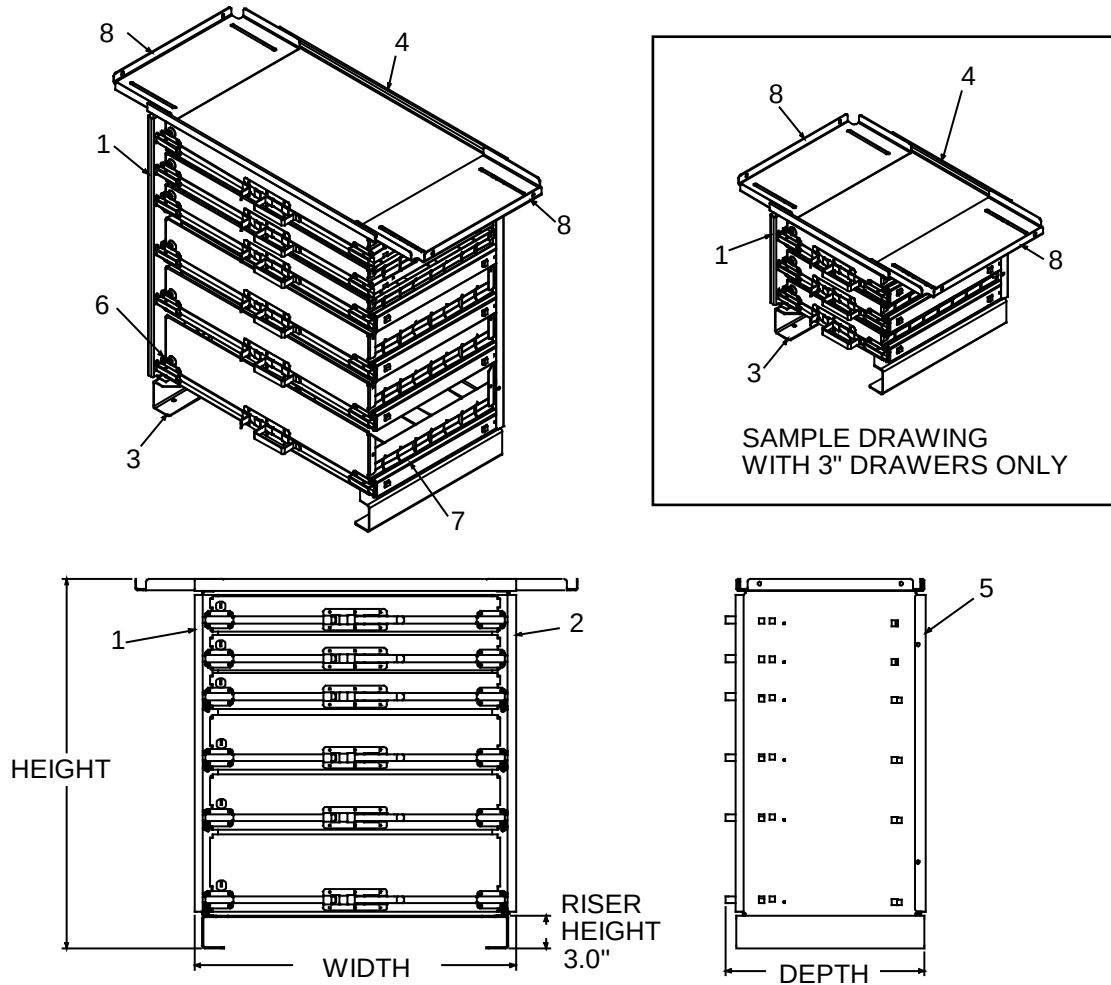
COMPARTMENT	BODY LENGTH	DRAWER SET WIDTH
LEFT & RIGHT VERTICAL 1	14', 19'	26" Wide
LEFT & RIGHT VERTICAL 2	14', 19'	13" Wide or 26" Wide
LEFT & RIGHT HORIZONTAL	14', 19'	39" Wide
LEFT REAR	14', 19'	13" Wide

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

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

Dominator IV Drawer Set Reference Drawing

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



NOTE:

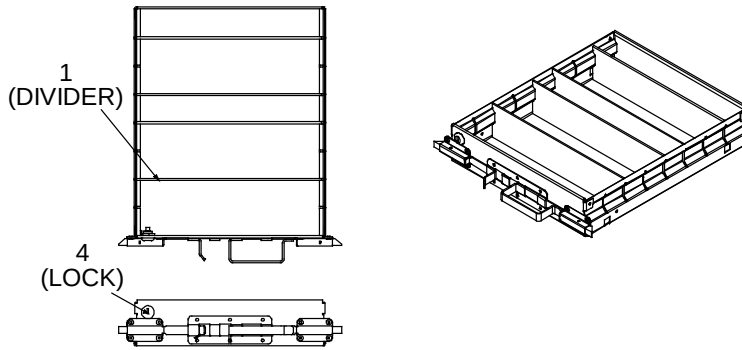
- 1 Complete drawer set part numbers are included in **Parts List, Drawer Units and Kits** (on page 51).
- 2 The quantity of items 1- 5, panels, risers, and shelves, is 1 per drawer set.
- 3 The quantities of items 6 - 11, slides and drawers, are based on the number of drawers in the complete kits.

ITEM	DESCRIPTION	13" SET	26" SET	39" SET
1.	PANEL-SIDE, LH	REF	REF	REF
2.	PANEL-SIDE, RH	REF	REF	REF
3.	RISER	60130555	60130556	60130557
4.	SHELF	60130552	60130553	60130554

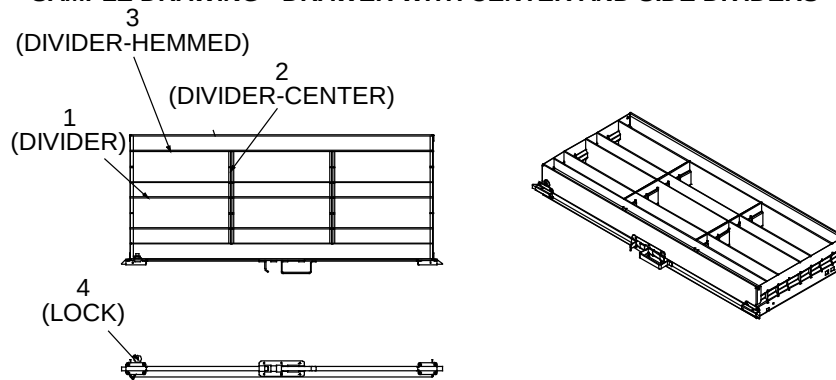
ITEM	DESCRIPTION	13" SET	26" SET	39" SET
5.	PANEL-DRAWER BACK	REF	REF	REF
6.	DRAWER SLIDE W-TABS LH	70734171	70734171	70734171
7.	DRAWER SLIDE W-TABS RH	70734173	70734173	70734173
8.	SHELF-ADJUSTABLE END	60130659	60130659	60130660
9.	3" DRAWER	70733800	70733798	70733804
10.	5" DRAWER	70733802	70733799	70733805
11.	7" DRAWER	70733803	70733801	70733806

Drawer Components

SAMPLE DRAWING - DRAWER WITH 4 DIVIDERS



SAMPLE DRAWING - DRAWER WITH CENTER AND SIDE DIVIDERS



NOTE:

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

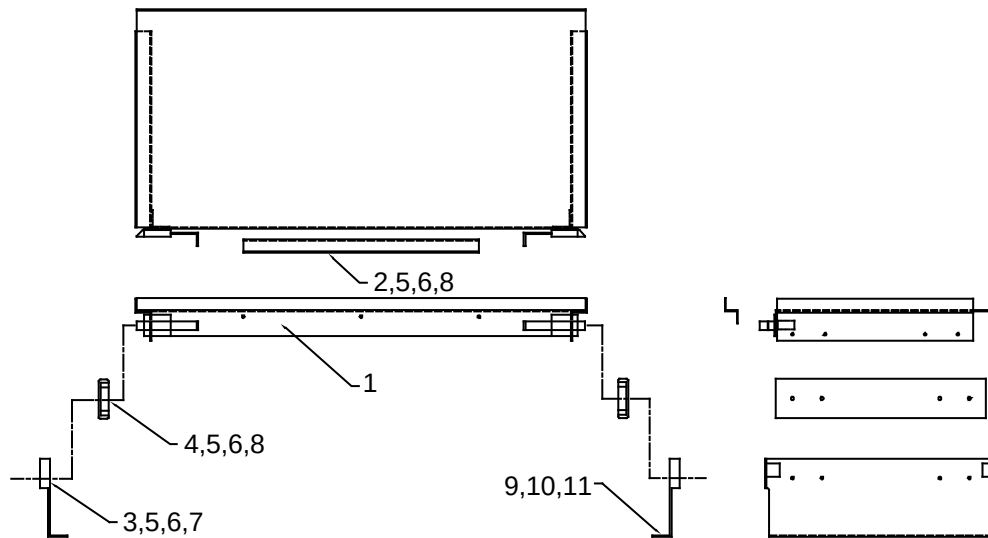
DRAWER PART #	DRAWER WITH DIVIDER DIMENSIONS	DRAWER COMPONENT PART NUMBERS (QUANTITY IN PARENTHESES)		
		ITEM 1-DIVIDER	ITEM 2- DIVIDER, CENTER	ITEM 3- DIVIDER, HEMMED
70733800	3" H X 13" W	60251081 (4)		
70733802	5" H X 13" W	60251233 (4)		
70733803	7" H X 13" W	60251233 (4)		
70733798	3" H X 26" W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

Compartment Options

Part #	Dimensions / Description	Compartments Available
Roll-out Tool Box Tray		
51711548	Tray dimensions – 32"W x 18.5"D	LV1, LV2, RV1, RV2
Oxygen / Acetylene Tank Bracket		
51720021	Tank bracket – Oxy/Acet 3 tanks with hook	LV1, RV1
51719752	Tank bracket – Oxy/Acet 2 tanks with hook (Mounted on front wall in vented compartment)	LV1, RV1
Pull-out Drawer Sets		
51704193	4 drawer set with base 18"D x 8.12"W x 19"H	LV1, LV2, LV3, RV1, RV2, RV3, LH, RH, LR
51704194	5 drawer set with base 18"D x 8.12"W x 23"H	LV1, LV2, LV3, RV1, RV2, RV3, LR
51709946	16 bolt drawer set w/base 18"D x 16.25"W x 35.5"H	LV1, LV2, LV3, RV1, RV2, RV3, LR
51704282	18 bolt drawer set w/base 18"D x 16.25"W x 39.5"H	LV1, LV2, LV3, RV1, RV2, RV3, LR
51712650	2 drawer set with base 18"D x 8.12"W x 11"H	LV1, LV2, LV3, RV1, RV2, RV3, LH, RH, LR
Slide-out Parts Book Tray		
51713240	Slide out parts / book tray	LH, RH
Bookshelf		
51710102	Bookshelf dimensions 8"H x 45"L x 12"D	RH, LH
51707629	Bookshelf dimensions 8"H x 26"L x 12"D	RH, LH

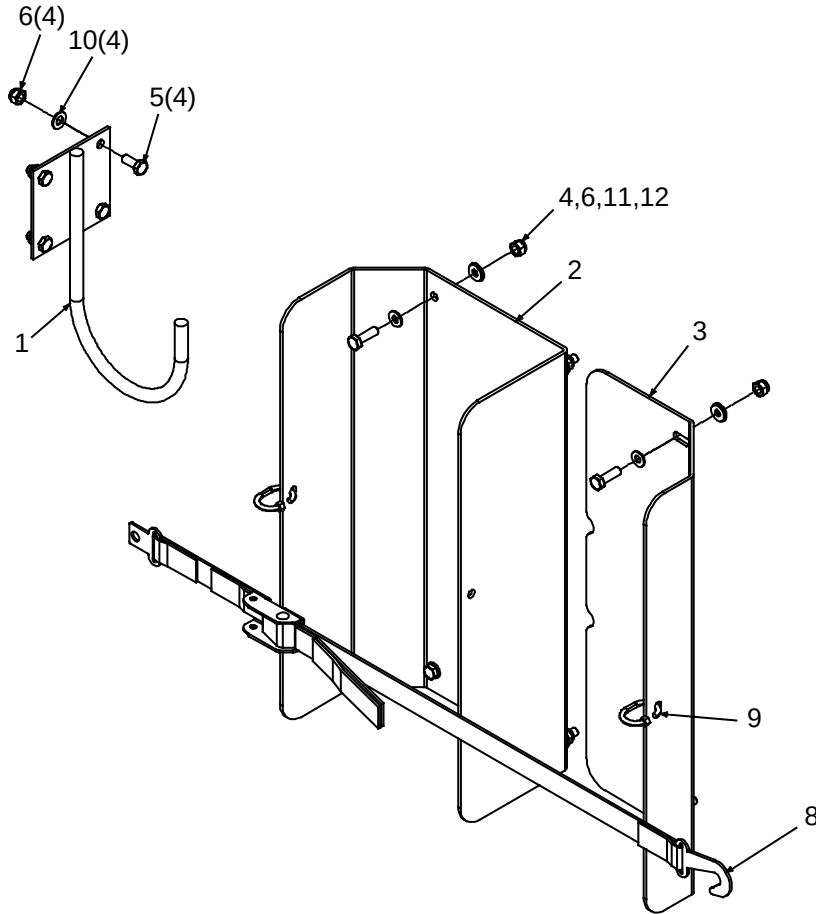
Note: Left Vertical Compartment 3 (LV3) and Right Vertical Compartment 3 (RV3) are only available on Dominator I and II 13' and 14' models, and may not be available on your model. Check your product specifications.

Tool Box Tray (51711548)



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

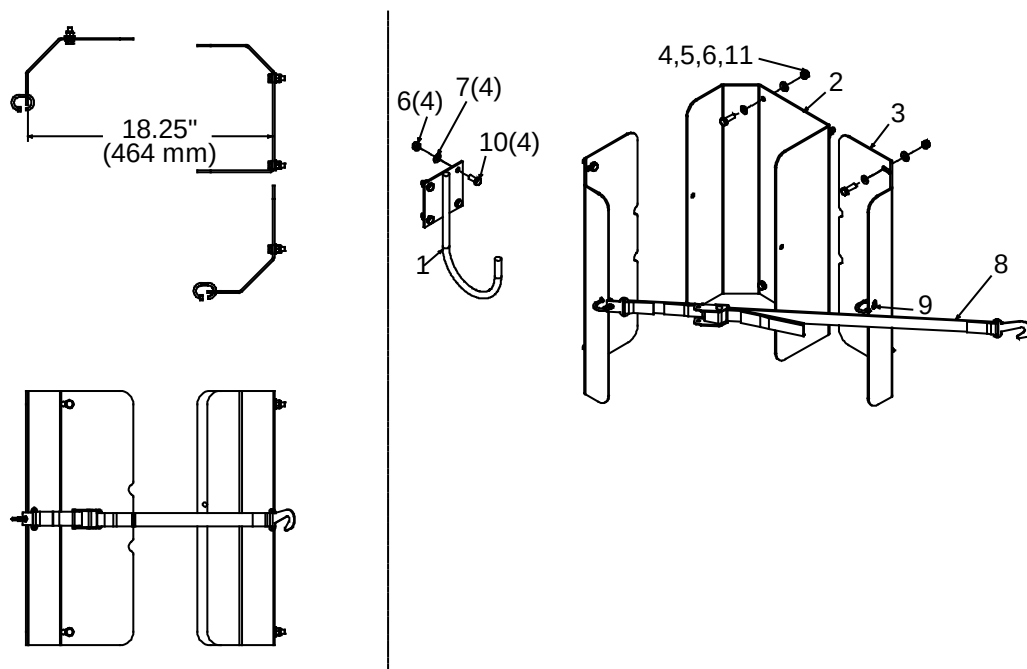
Tank Bracket, 2-Bottle (51719752)



51719752 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52704224	HOOK-WLDMT (J) (BOLT IN)	1
2.	60129198	BRACKET ACET BOTTLE	1
3.	60129197	BRACKET OXY BOTTLE	1
4.	72063001	WASHER .25 FLAT (WAS 12)	6
5.	72060023	CAP SCR .31-18X .75 HH GR5 Z (WAS 6)	4
6.	72062109	NUT .31-18 HEX NYLOCK	10
8.	70733516	STRAP-36" BOTTLE HOLDER W/ SNAP HOOK	1
9.	70058959	CHAIN CONNECTOR-THREADED .19	2
10.	72063002	WASHER .31 FLAT	4
11.	72060025	CAP SCR .31-18 x 1.00 HHGR5Z	6
12.	76392598	WASHER-BONDED PLATED .31	6
REV C 20110920			

Tank Bracket, 3-Bottle (51720021)



51720021 PARTS LIST

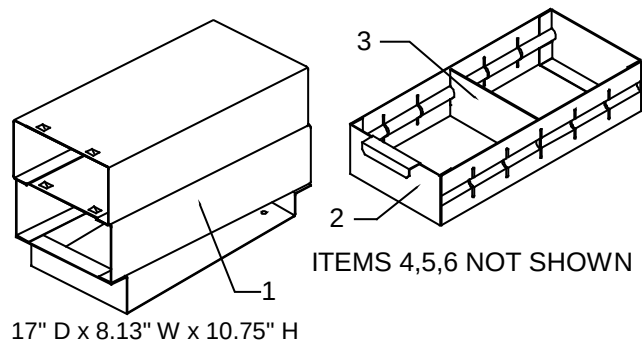
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52704224	HOOK-WLDMT (J) (BOLT IN)	1
2.	60129198	BRACKET OXY/ACET BOTTLE	1
3.	60129197	BRACKET OXY/ACET BOTTLE	2
4.	72063001	WASHER .25 FLAT (WAS 10)	8
5.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z (WAS 6)	8
6.	72062109	NUT .31-18 HEX NYLOCK (WAS 10)	12
7.	72063002	WASHER .31 FLAT	4
8.	70733516	STRAP-36" BOTTLE HOLDER W/ SNAP HOOK	1
9.	70058959	CHAIN CONNECTOR-THREADED .19	2
10.	72060023	CAP SCR .31-18X .75 HH GR5 Z	4
11.	76392598	WASHER-BONDED PLATED .31	8
REV C 20110920			

Pull-Out Bin Sets

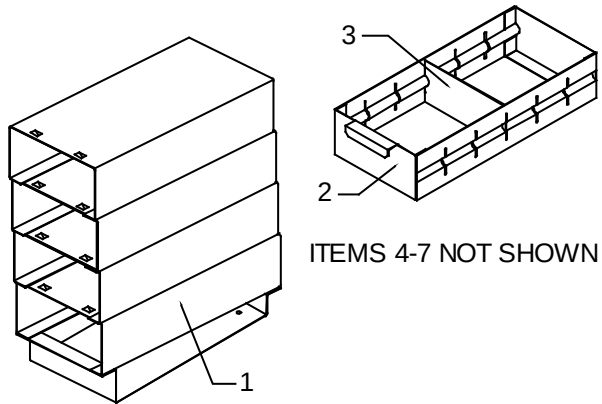
Pull-out bins are available for IMT Dominators in sets of 2, 4, 5, 16, and 18 units.

BIN SET PARTS LISTS			# BINS / QUANTITY				
ITEM	PART #	DESCRIPTION	2-BINS (51712650)	4-BINS (51704193)	5-BINS (51704194)	16-BINS (51709946)	18-BINS (51704282)
1.	52712651	CABINET (2-BIN SET)	1				
	52710227	CABINET (4-BIN SET)		1			
	52710226	CABINET (5-BIN SET)			1		
	52710235	CABINET (16-BIN SET)				1	
	52710234	CABINET (18-BIN SET)					1
2.	52710274	BIN	2	4	5	16	18
3.	60114979	DIVIDER 3.38X7.62	8	12	15	48	54
4.	72601410	SCR-MACH .25-20 .75 BTNHD ZC	4	4	4	8	8
5.	72062104	NUT 1/4-20 LOCK	4	4	4	8	8
6.	72063001	WASHER 1/4 WRT	8	8	8	16	16

2-Bin Set with Base (51712650)

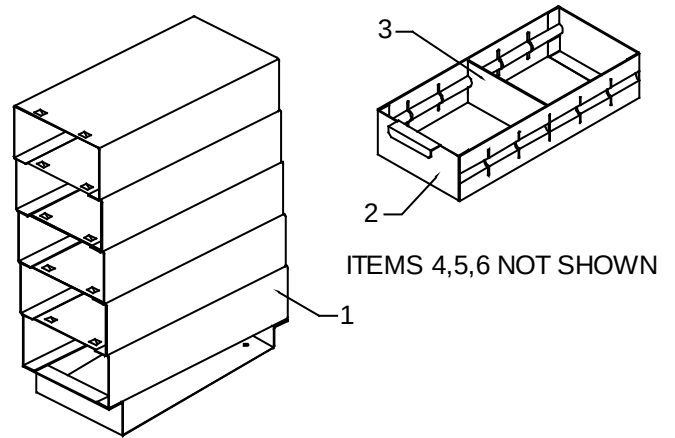


4-Bin Set with Base (51704193)



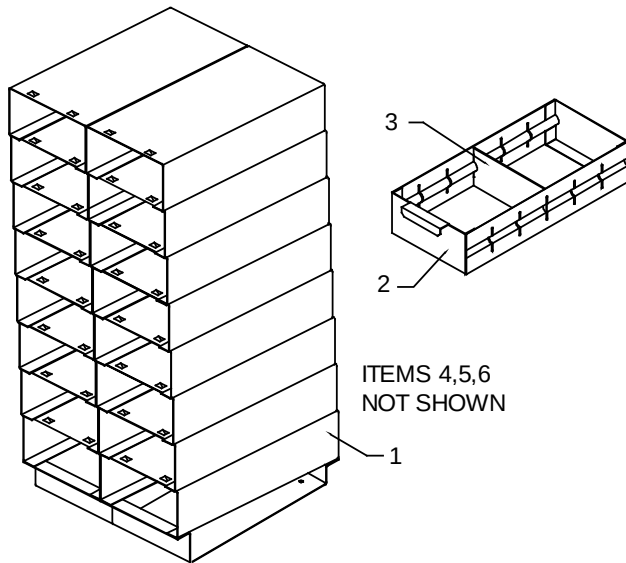
17" D x 8.13" W x 19" H

5-Bin Set with Base (51704194)



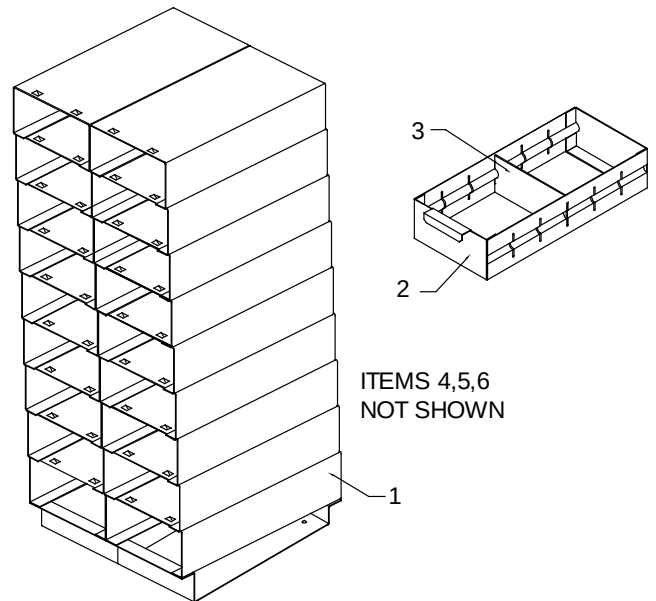
17" D x 8.13" W x 23" H

16-Bin Set with Base (51709946)



17" D x 16.26" W x 35" H

18-Bin Set with Base (51704282)



17" D x 16.26" W x 39" H

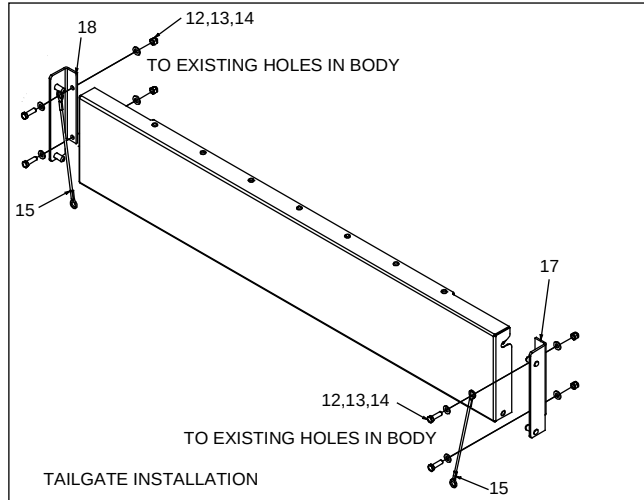
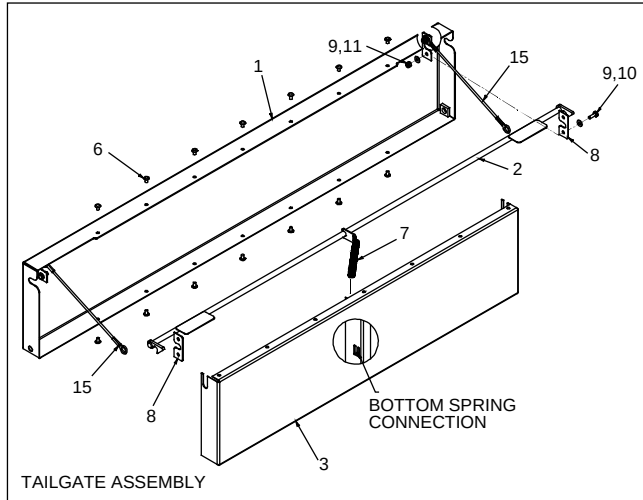
CHAPTER 4

Tailgate & Bumper Options

In This Chapter

Tailgate Assembly (51718801)	63
Bumper Hitch & Workbench Options	65

Tailgate Assembly (51718801)



INSTALLATION NOTES:

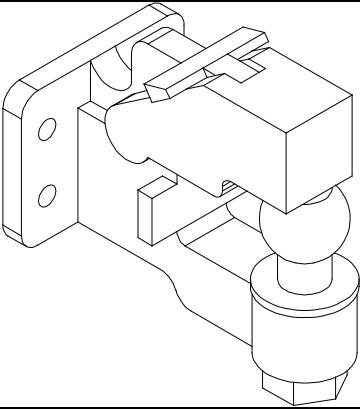
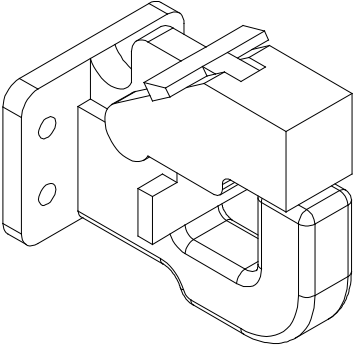
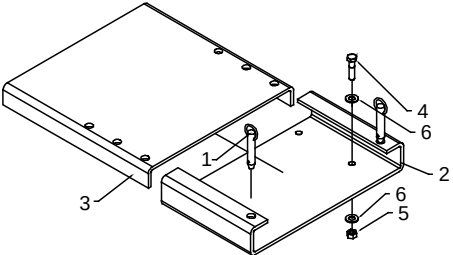
- 1 INSTALL ROD WELDMENT #2 INTO PANEL #3 SLOTS.
- 2 CONNECT SPRING #7 BETWEEN PANEL #3 BRACKET AND ROD #2 BRACKET.
- 3 JOIN PANEL #1 OVER PANEL #3.
- 4 CONNECT PANEL #1 TO PANEL #3 WITH RIVET #6.
- 5 INSERT LOWER MOUNTING PIN OF MOUNTING BRACKETS #17 AND #18 INTO LOWER HOLE OF ASSEMBLED TAILGATE.
-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

51718801 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52718802	TAILGATE WELDMENT REAR COVER	1
2.	52718803	TAILGATE WELDMENT LATCH ROD	1
3.	52718804	TAILGATE WELDMENT FRONT COVER	1
6.	72661226	RIVET-ALUMINUM .257 DIA X .38 GRIP	14
7.	71411138	SPRING-COMPRESSION .50 X 3.50 X 14GA	1
8.	60126539	BRACKET, TAILGATE REAR COVER	2
9.	72063001	WASHER .25 FLAT (WAS 72063166)	8
10.	72601410	SCR-MACH .25-20x .75 BTNHD ZC (WAS 72601827, ALSO: 72060002)	4
11.	72062104	NUT .25-20 HEX NYLOC (WAS 72062194)	4
12.	72063003	WASHER .38 FLAT (WAS SS)	8
13.	72060047	CAP SCREW .38-16X 1.25 HHGR5Z (WAS 72601835)	4
14.	72062103	NUT .38-16 HEX NYLOC (WAS 72062197)	4

51718801 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
15.	72661600	CABLE, PLASTIC COATED	2
17.	52719638	TAILGATE POST WELDMENT, RH	1
18.	52719639	TAILGATE POST WELDMENT, LH	1
REV. F 2007			

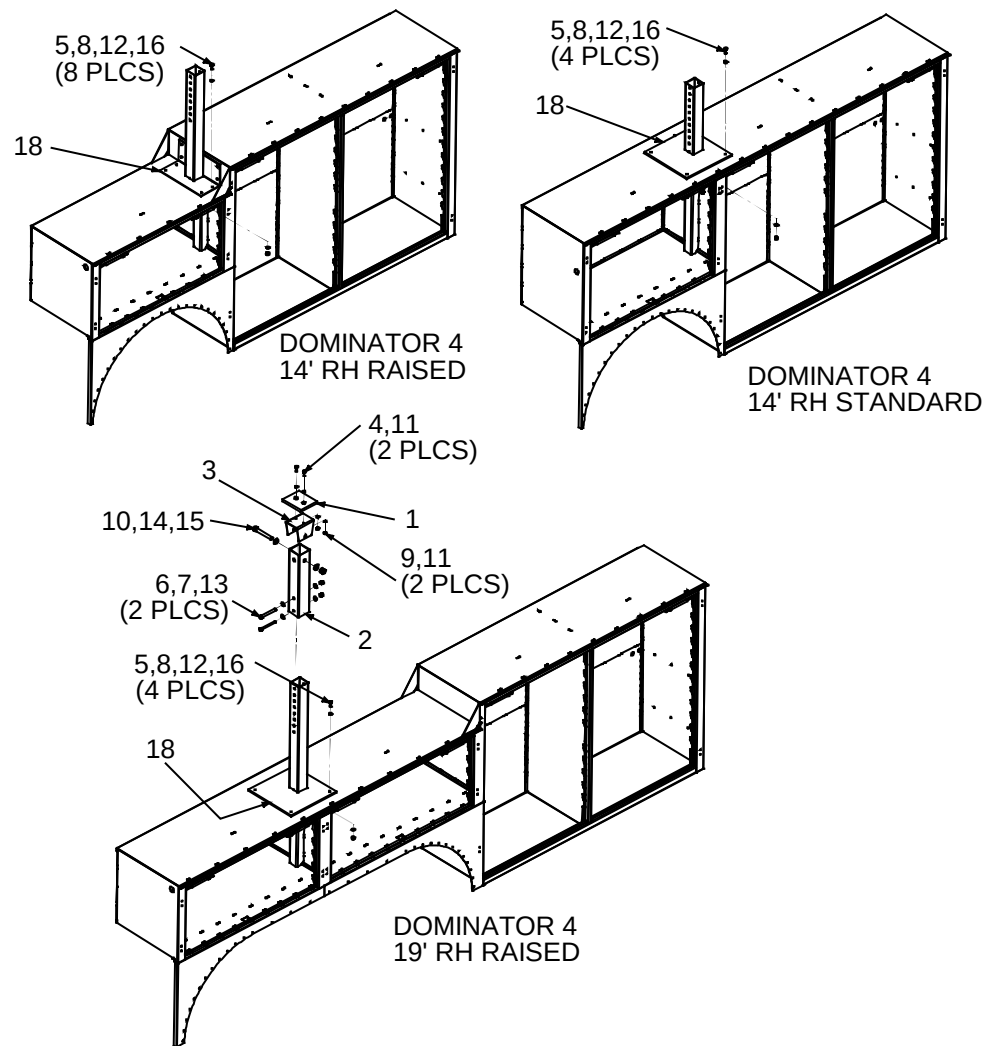
Bumper Hitch & Workbench Options

Dominator Bumper Hitch & Workbench Options		
PART NUMBER	DESCRIPTION	NOTES
51709516	Pintle ball combination with 2" removable ball for hitch Tank Kit mounting	
51709517	Hitch for hitch Tank Kit mounting	
51710172	Vise mounting bracket Parts List: 1. 71731462 (2) 2. 60114832 (1) 3. 60114831 (1) 4. 72060048 (4) 5. 72062103 (4) 6. 72063003 (8)	Can be located on RH side, LH side, or both with quantity of 2  Note: See drawing 99903161 for installation instructions.
70733332	Combination vise, 5"	Can be located on RH side, LH side, or both with quantity of 2
60117003	Vise plate, weld-on 12" x 12" x 1/2"	Can be located on RH side, LH side, or both with quantity of 2

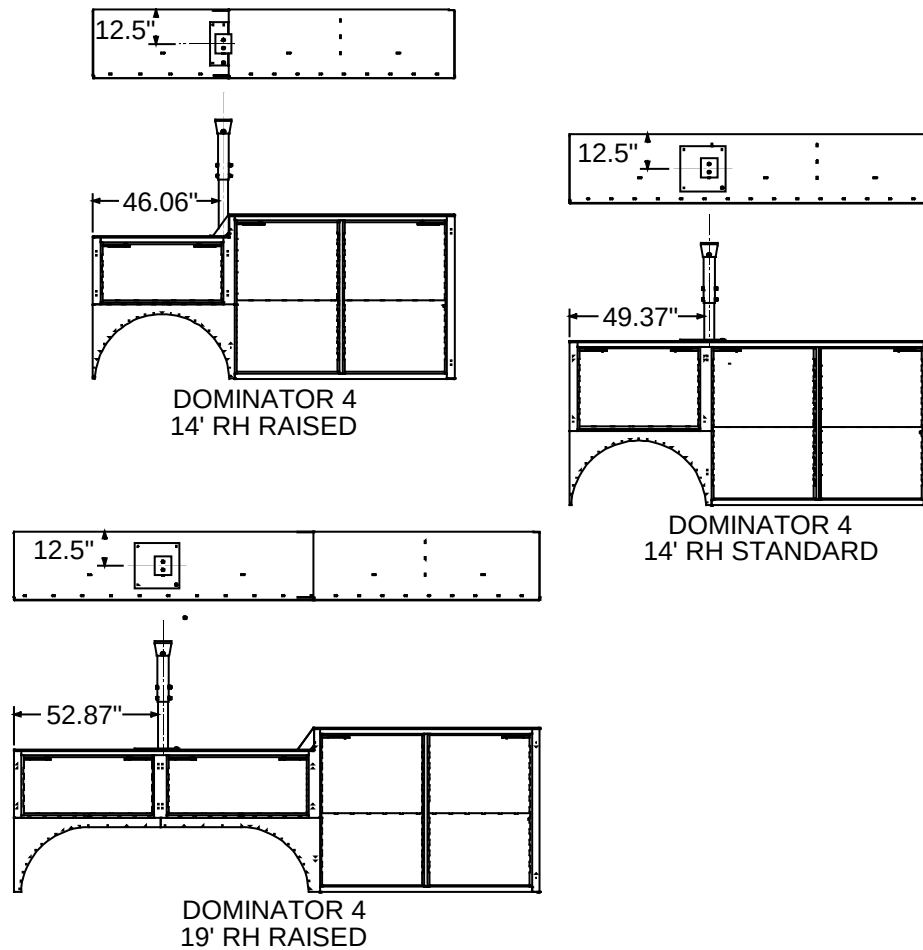
CHAPTER 5

Boom Support

Boom Support (99903970)



99903970 DRAWING

**NOTE:**

- 1 BOOM SUPPORT IS LOCATED 83" FROM REAR OF CRANE COMPARTMENT FOR 14' STANDARD BODIES, AND 86.5" FROM REAR OF CRANE COMPARTMENT FOR 19' BODIES.

99903970 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60030294	WEAR PAD-RC UHMW .62X6.00X7.00	1
2.	60126561	TUBE-PEDESTAL TEL 4.0X4.0X20.00	1
3.	60129813	SADDLE-BOOM SUPPORT 7025 SII	1
4.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	2
5.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	A/R
6.	72060101	CAP SCR .50-13X 5.00 HH GR5 Z	2
7.	72062080	NUT .50-13 HEX NYLOCK	2
8.	72062103	NUT .38-16 HEX NYLOCK	A/R
9.	72062109	NUT .31-18 HEX NYLOCK	2
10.	72062114	NUT .75-10 HEX NYLOCK	1
11.	72063002	WASHER .31 FLAT	4
12.	72063003	WASHER .38 FLAT	A/R
13.	72063005	WASHER .50 FLAT	4

99903970 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
14.	72063008	WASHER .75 FLAT	2
15.	72060193	CAP SCR .75-10X 6.00 HH GR5 Z	1
16.	76392821	WASHER-BONDED PLTD .38	A/R
17.	91720527	HARDWARE KIT-BOOM SUPPORT (INCL #4- 14,16)	1
18.	52720526	WELDMENT, BOOM SUPPORT BASE, 7025 CRANE W/D4 19' RH RSD	1
18.	52720169	WELDMENT, BOOM SUPPORT BASE, 7025 CRANE W/D4 14' RH RSD	1
18.	52720248	WELDMENT, BOOM SUPPORT BASE, 7025 CRANE W/ D4	1
REV C 20091209			

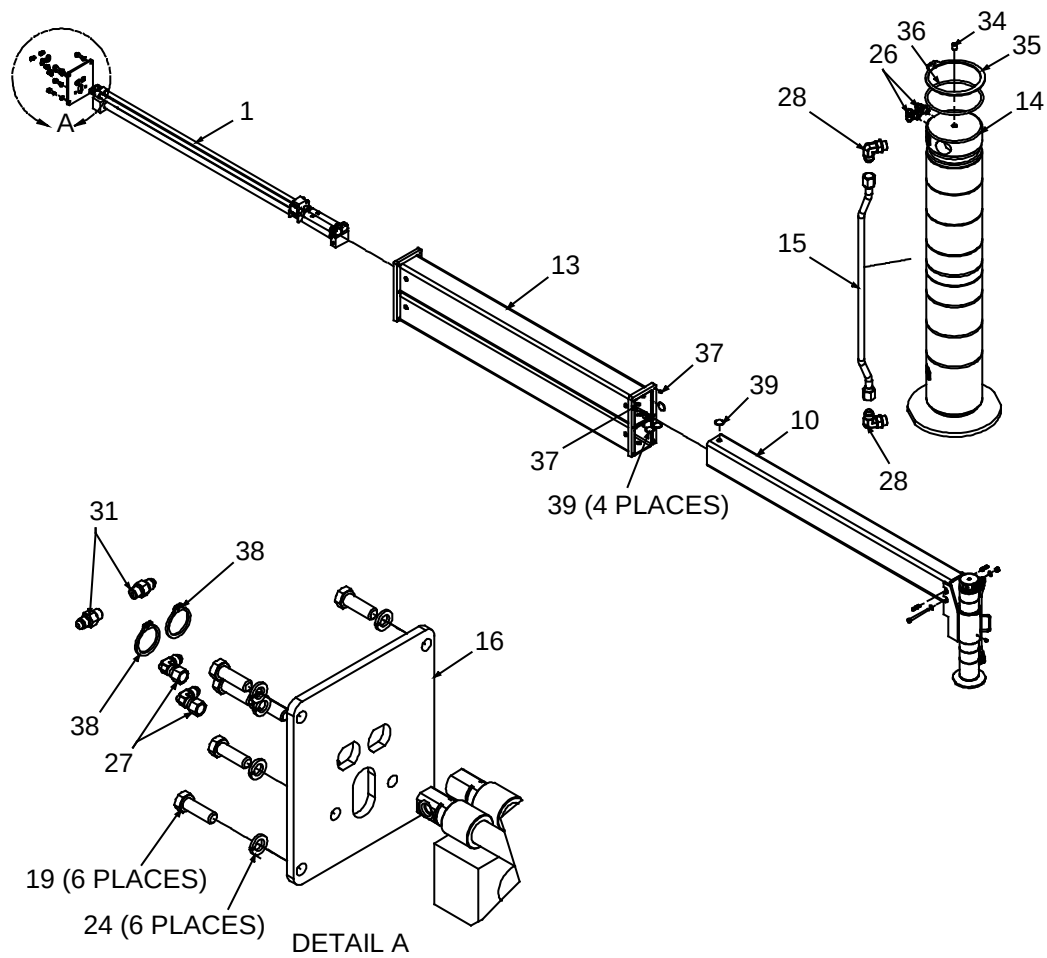
CHAPTER 6

Stabilizers

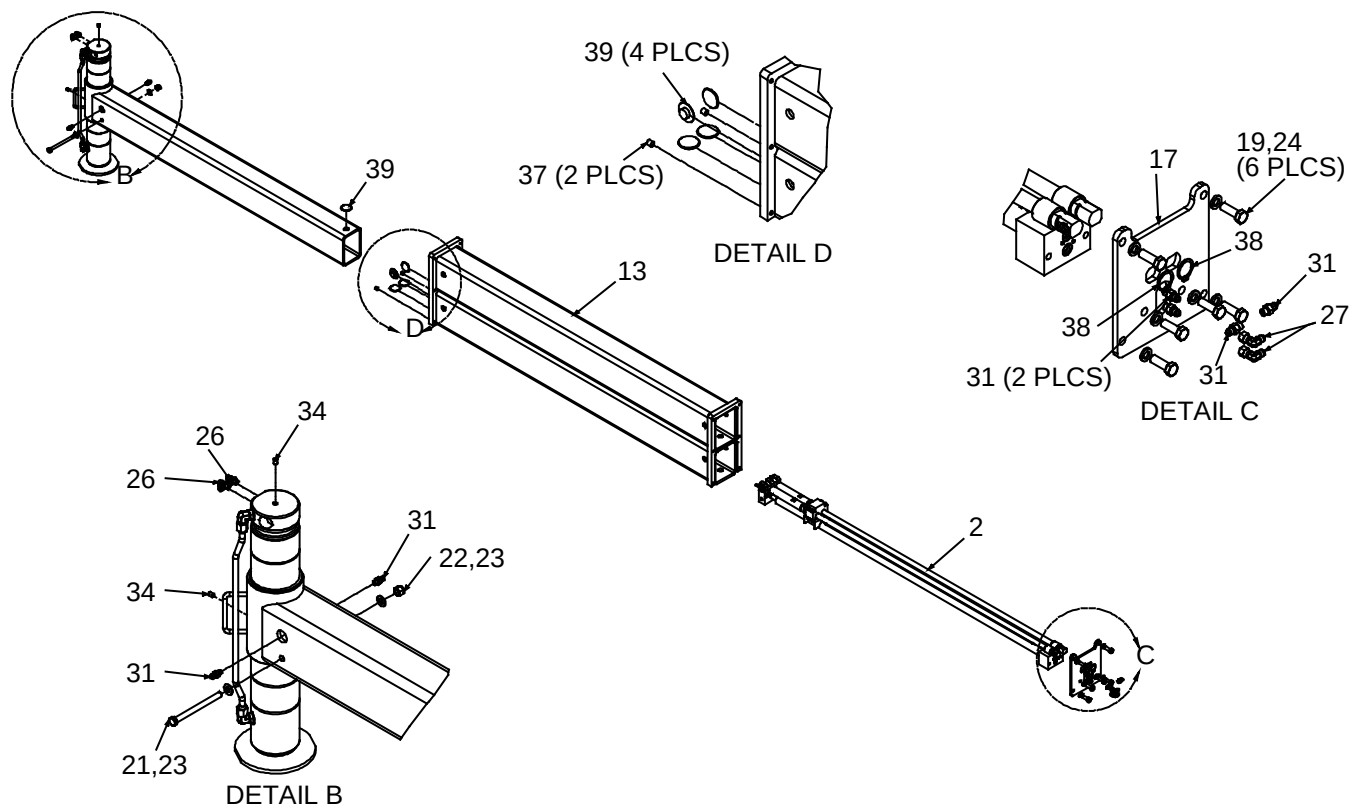
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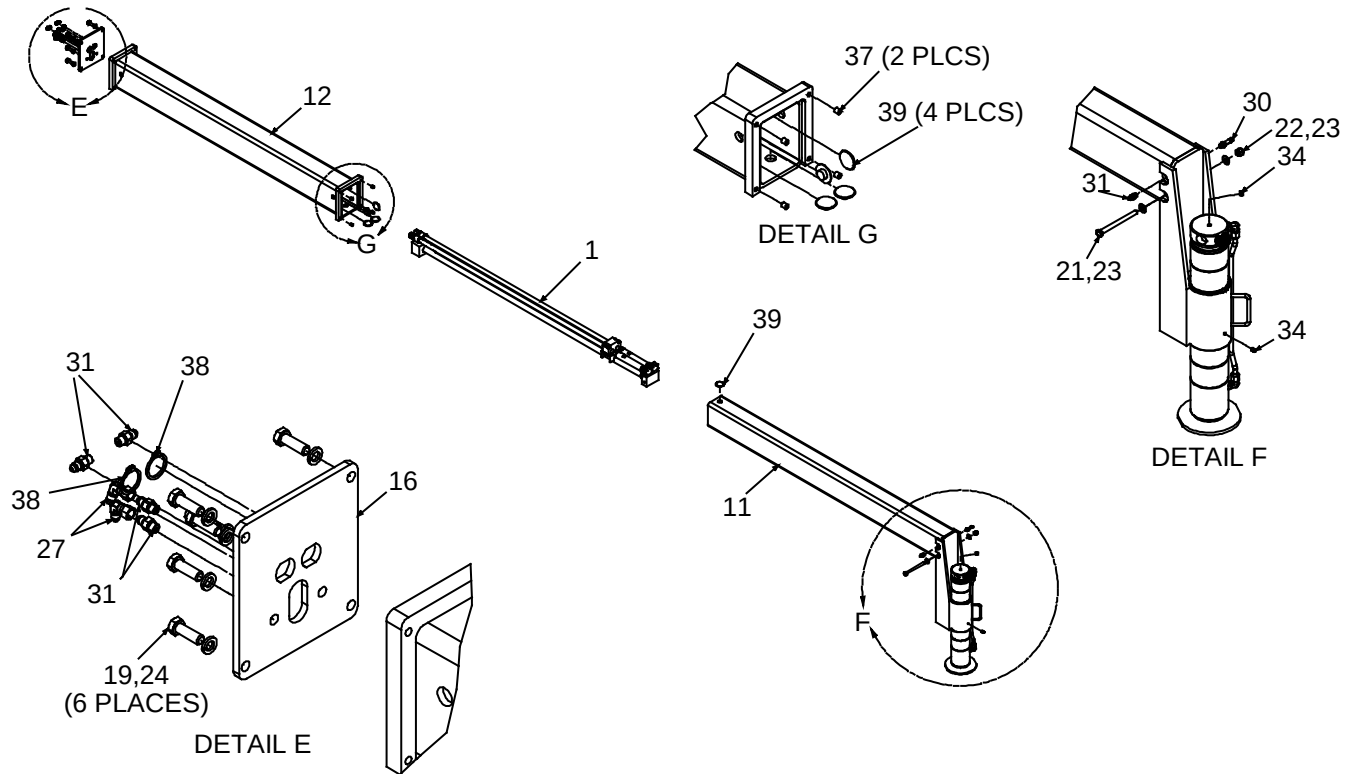
Stabilizer Installation (99904082)



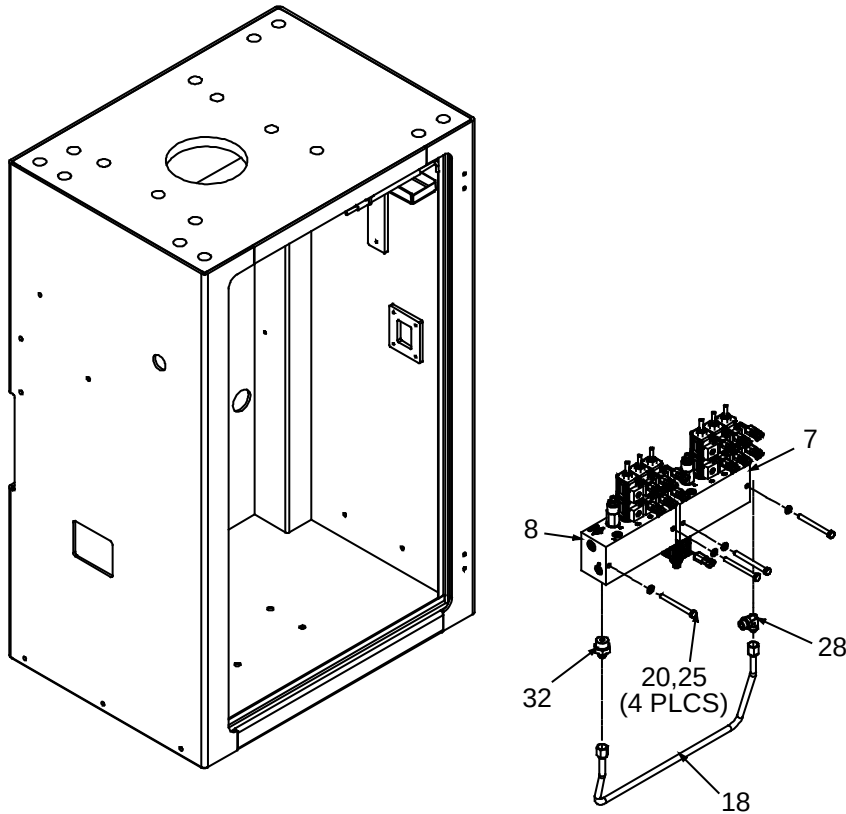
99904082-2 DRAWING



99904082-3 DRAWING



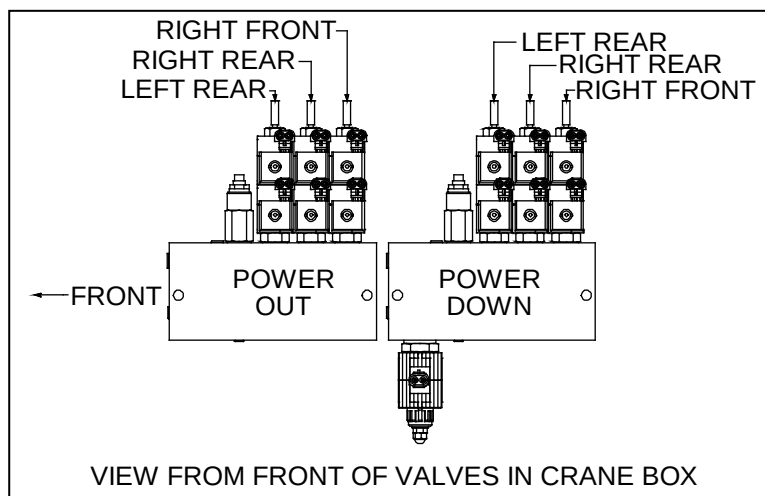
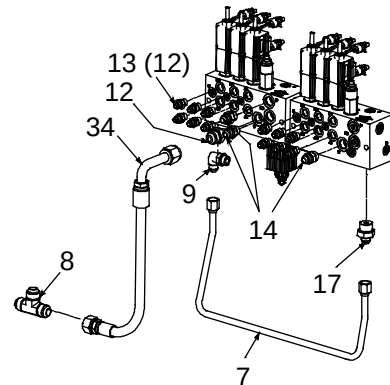
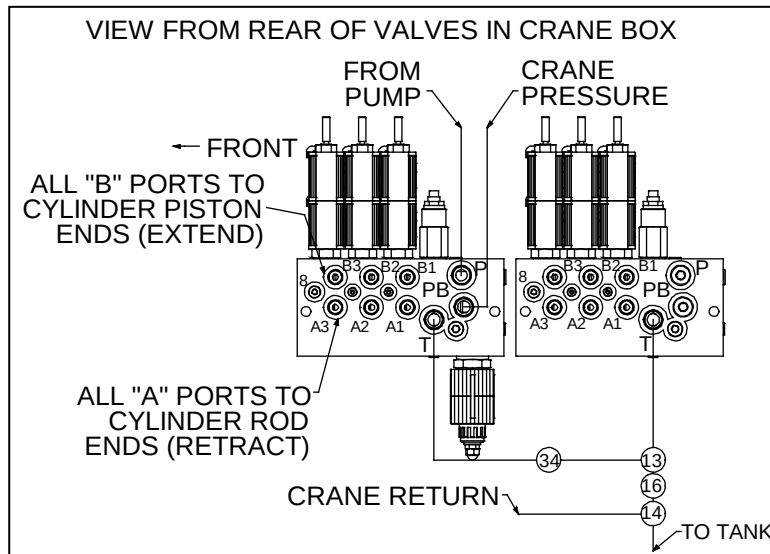
VALVE BANK LOCATION IN CRANE BOX



99904082 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
1.	99904714	DRAWING-RIGHT HAND POWER OUT CYLINDER ASSEMBLY			REF
2.	99904715	DRAWING-LEFT HAND POWER OUT CYLINDER ASSEMBLY			REF
3.	51720582	HARDWARE KIT-STABILIZER (INCL 17-24)			REF
4.	51720724	HARDWARE KIT-STABILIZER LOCKRINGS			REF
5.	91720584	HYDRAULIC KIT-STABILIZERS, D4 14' (INCL 25-29)			REF
6.	91720585	HYDRAULIC KIT-STABILIZERS, D4 19' (INCL 25-29)			REF
7.	73734280	VALVE BANK-3 SECTION POWER DOWN			1
8.	73734281	VALVE BANK-3 SECTION POWER OUT			1
9.	52720460	WELDMENT-STABILIZER SLIDE OUT LH			1
10.	52720461	WELDMENT-STABILIZER SLIDE OUT RR			1
11.	52720470	WELDMENT-STABILIZER SLIDE OUT RR			1
12.	52720558	WELDMENT-STAB ARM SUPPORT FRONT			1
13.	52720463	WELDMENT-STABILIZER ARM SUPPORT			1
14.	71412308	CYLINDER	3.5 BORE		3

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

Stabilizer Hydraulic Installation (99904110)



NOTES

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

MANUAL OVERRIDE / EMERGENCY OPERATION PROCEDURE:

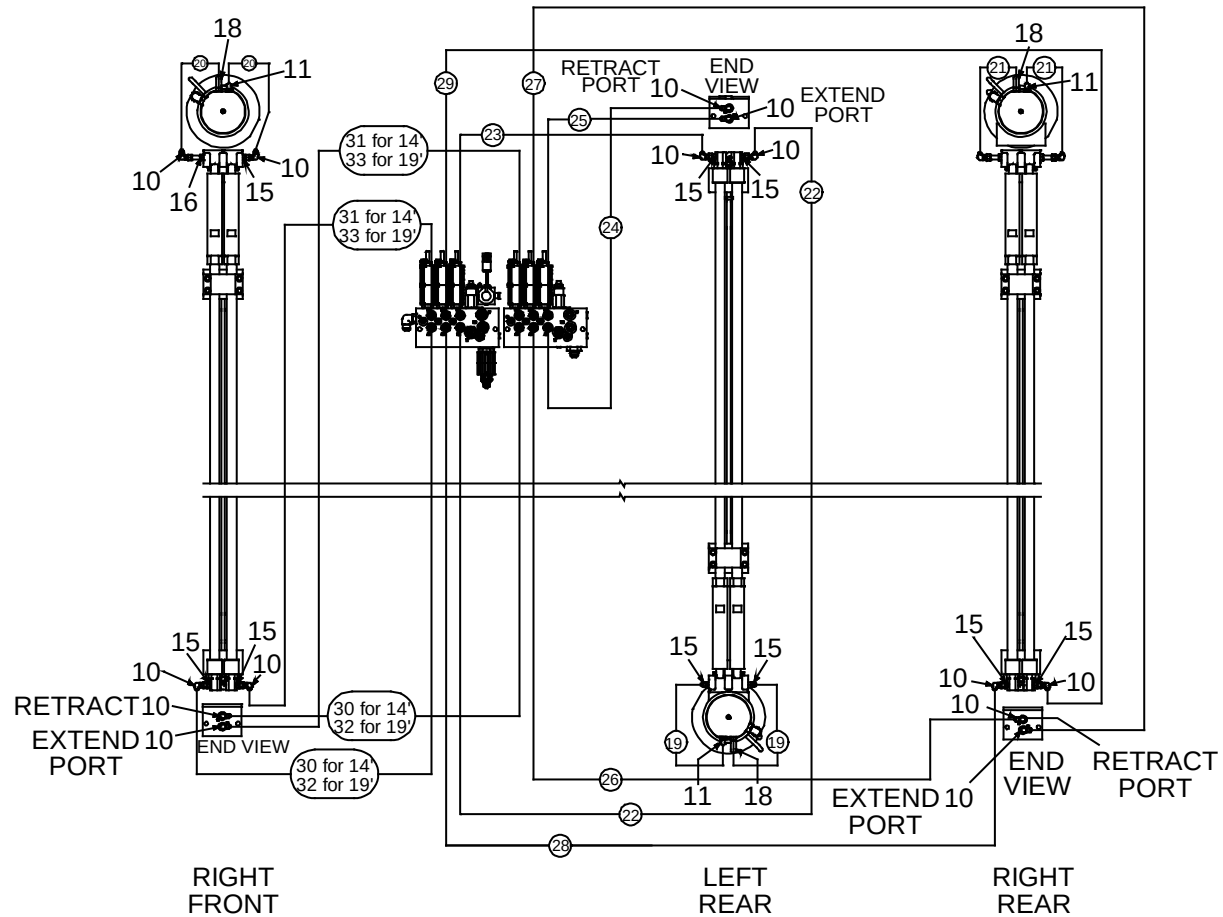
- 1 REMOVE ACORN NUT
- 2 LOOSEN JAM NUT
- 3 TURN ADJUSTMENT SCREW CLOCKWISE UNTIL IT BOTTOMS OUT.
- 4 RAISE LOCKING COLLAR AND PUSH PLUNGER TO RETRACT OR PULL UP TO EXTEND FUNCTION.

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

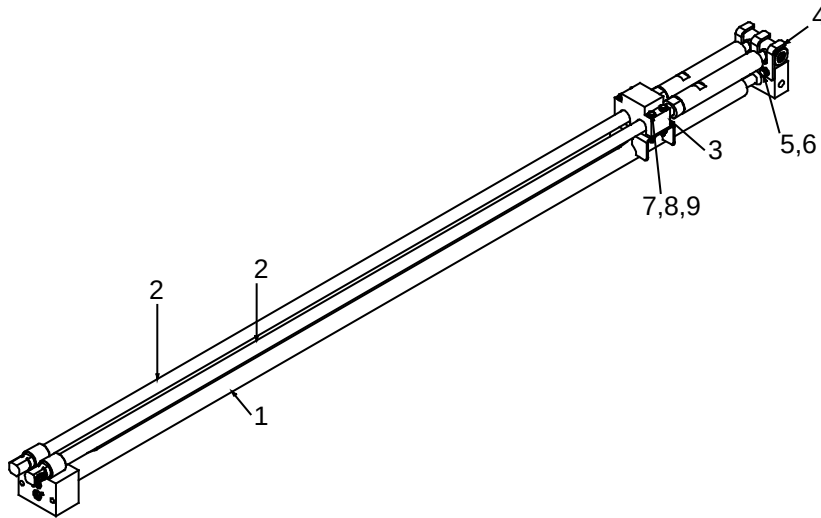
99904110 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
1.	91720584	HYDRAULIC KIT- DOM STABILIZER 14'			REF
2.	91720585	HYDRAULIC KIT- DOM STABILIZER 19'			REF
3.	73734280	VALVE BANK- 3 SECT DOM STABILIZER POWER DOWN			1
4.	73734281	VALVE BANK- 3 SECT DOM STABILIZER POWER OUT			1
5.	99904715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

99904110 PARTS LIST					
ITEM	PART #	DESCRIPTION	DETAILS	KIT #	QUANTITY
30.	51397260	HOSE	FJ .25 X 204.00 (4-6) 100R17	#1	2
31.	51397261	HOSE	FZ .25 X 204.00 (4-6) 100R17	#1	2
32.	51397262	HOSE	FJ .25 X 264.00 (4-6) 100R17	#2	2
33.	51397263	HOSE	FZ .25 X 264.00 (4-6) 100R17	#2	2
34.	51714157	HOSE	FZ .75 X 25.00 (12-12) 100R2	#1 or 2	1
REV D 20101215					

Stabilizer Hydraulic Schematic (99904110)

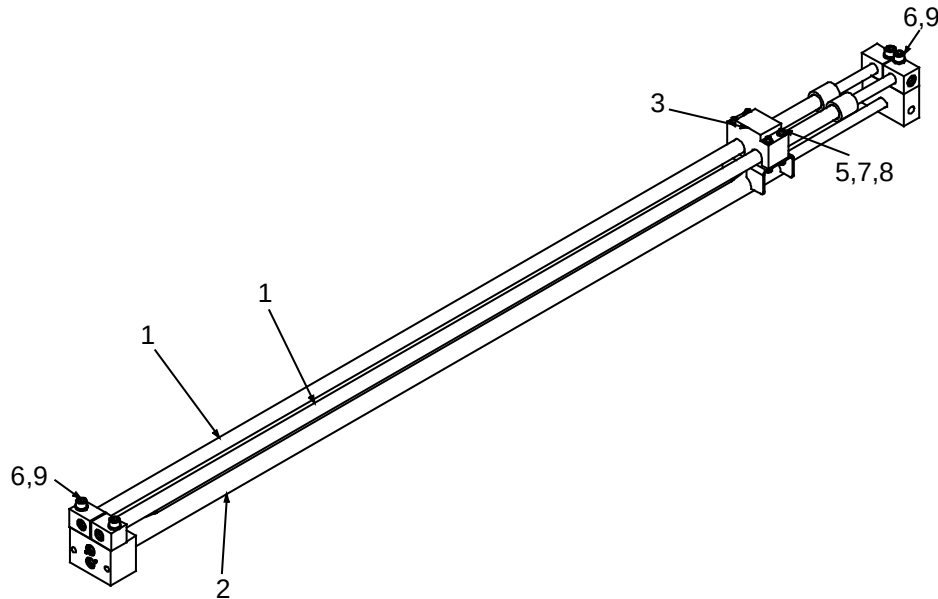


Cylinder Assembly, Right Side Power Out (99904714) (Eff 12-1-09)



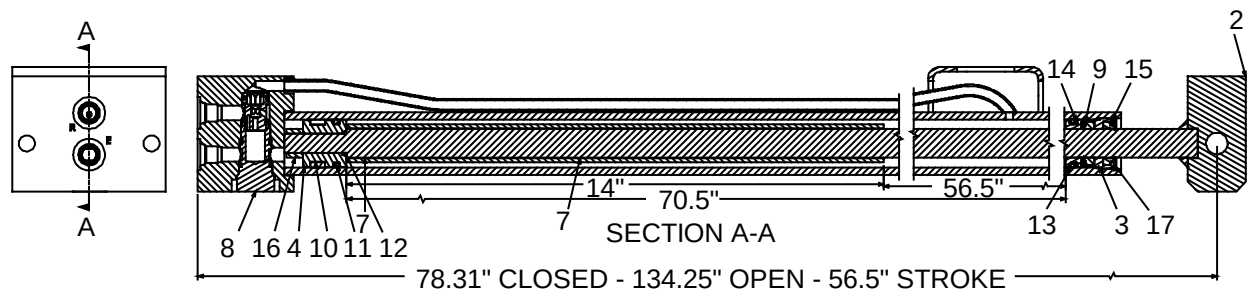
99904714 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	71413630	CYLINDER-1.2/.7 56.50S 78.31CC C	1
2.	51722477	TUBE ASSEMBLY-POWER OUT STABILIZER	2
3.	71413633	BLOCK-SPACER STABILIZER CYL TRANSFER	1
4.	60134727	BRACKET-DOM IV STABILIZER	1
5.	72063051	WASHER .38 LOCK	2
6.	72060044	CAP SCREW .38-16X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

Cylinder Assembly, Right Side Power Out (99904083) (Thru 11-30-09)



99904083 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51720564	TUBE ASY-HYD OTR D4	2
2.	71412571	CYL-1.2/.7 56.50S 78.31CC C	1
3.	71412600	BLOCK-SPACER STAB CYL TRANSFER	1
4.	51720581	HARDWARE KIT-P/O STAB CYL ASY (INCL 5-9)	1
5.	72060010	CAP SCR .25-20 2.50 HH GR5Z	4
6.	72060797	CAP SCR .50-13X 2.50 SH PLAIN	4
7.	72062104	NUT .25-20 HEX NYLOCK	4
8.	72063001	WASHER .25 FLAT	8
9.	72063053	WASHER .50 LOCK	4
REV. A 20061206			

Cylinder, Right Side Power Out (71413630) (Eff. 12-1-09)



NOTES:

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

71413630 CYLINDER DATA

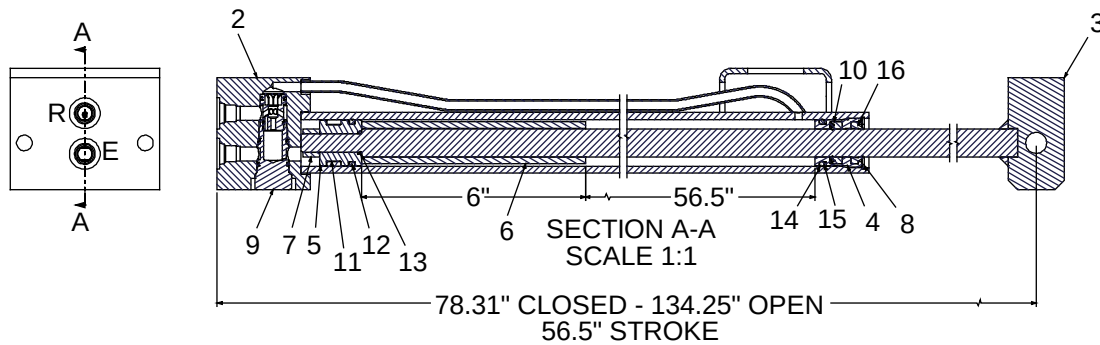
EXTENDED	1.23 IN ³ , 0.30 GAL VOLUME
RETRACTED	0.79 IN ³ , 0.19 GAL VOLUME
CASE	1.88" BORE X $\varnothing$ 1.50" X 75.82" LONG
ROD	$\varnothing$ 0.75" X 75.76" LONG
DRY WEIGHT	33.14 LB
TEST PRESSURE	3700 PSI
OPERATING PRESSURE	3200 PSI
PORTS	SAE #4 O-RING BOSS (7/16-20 UNF-2B)
CYLINDER TUBE BURST PRESSURE	20,000 PSI
TORQUE	10-40 FT LB PISTON, 30-35 FT-LB CARTRIDGE

71413630 PARTS LIST

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

71413630 PARTS LIST				
ITEM	PART #	DESCRIPTION	KIT #	QUANTITY
13.	7Q072214	O RING 1.00X 1.25X .12 70	#1	1
14.	7Q10P214	BACK-UP RING 1 BORE 1.25 O.D. 0.049 THK	#1	1
15.	7R14P007	ROD WIPER TYPE D .75 ROD	#1	1
16.	72062108	NUT .50-20 HEX CENTER LOCKING GR8 Z		1
17.	72066029	RETAINING RING-INT 1.31 STD		1
REV C 20120308				

Cylinder, Right Side Power Out (71412571) (Thru 11-30-09)



NOTES:

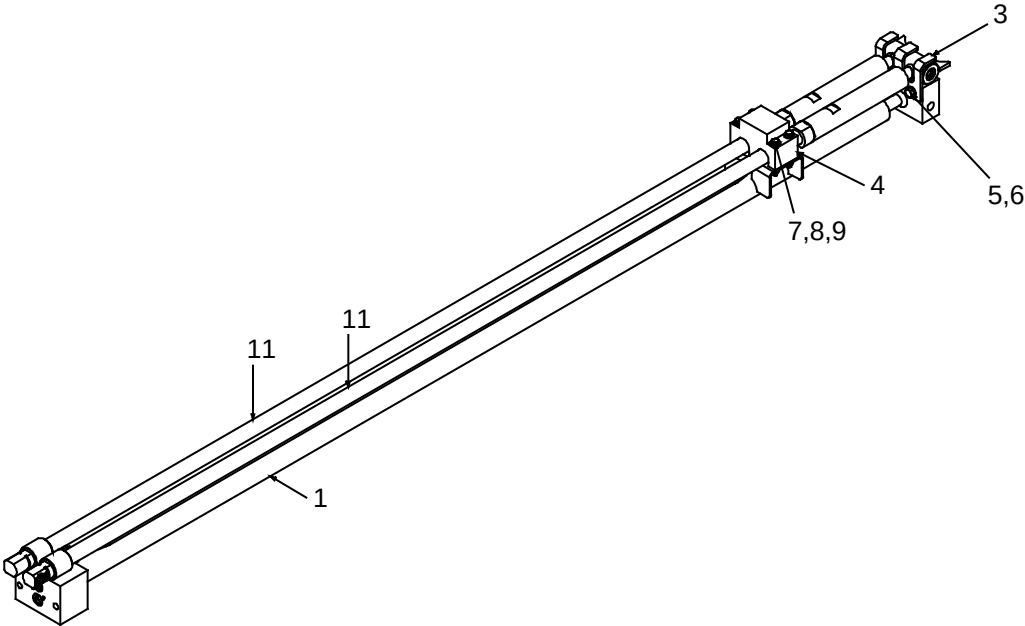
- 1 TO REDUCE DOWNTIME, REPLACE ALL COMPONENTS OF THE SEAL KIT WHENEVER THE CYLINDER IS DISASSEMBLED.
- 2 APPLY NEVER-SEEZ LUBRICATING COMPOUND TO THREADS ON THE CYLINDER HEAD ONLY. KEEP AWAY FROM ALL SEALS.
- 3 APPLY LUBRIPLATE 630-2 MEDIUM HEAVY, MULTI-PURPOSE LUBRICANT TO ALL SEALS ON PISTON, HEAD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

71412571 CYLINDER DATA	
EXTENDED	1.23 IN ² , 0.24 GAL VOLUME
RETRACTED	0.79 IN ² , 0.15 GAL VOLUME
CASE	1.63" BORE X Ø1.25" X 67.82" LONG
ROD	Ø 0.750" X 30.94" LONG
DRY WEIGHT	33.14 LB
TEST PRESSURE	3000 PSI
OPERATING PRESSURE	2500 PSI
PORTS	SAE #4 O-RING BOSS (7/16-20 UNF-2B)
CYLINDER TUBE BURST PRESSURE	20,000 PSI
TORQUE	TORQUE LOCKNUT (#7) WITH THREADLOCK COMPOUND TO 35-40 FT-LB

71412571 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	94396955	SEAL-KIT EXT STAB CYL (INCL 10-16)	1
2.	52720424	CASE ASM-1.25 BORE X 67.82 LG	1
3.	52720425	ROD ASM- .75 DIA X 75.76 LG 1.63 S	1
4.	71412593	HEAD-1.25 BORE X .75 ROD	1
5.	71412592	PISTON-1.25 BORE X .75 ROD X 1.63 STG	1
6.	60130375	STOP TUBE .75 ROD X 6.00 LONG	1
7.	72062108	NUT .50-20 HEX CENTER LOCKING GR8 Z	1
8.	72066029	RETAINING RING-INT 1.31 STD	1

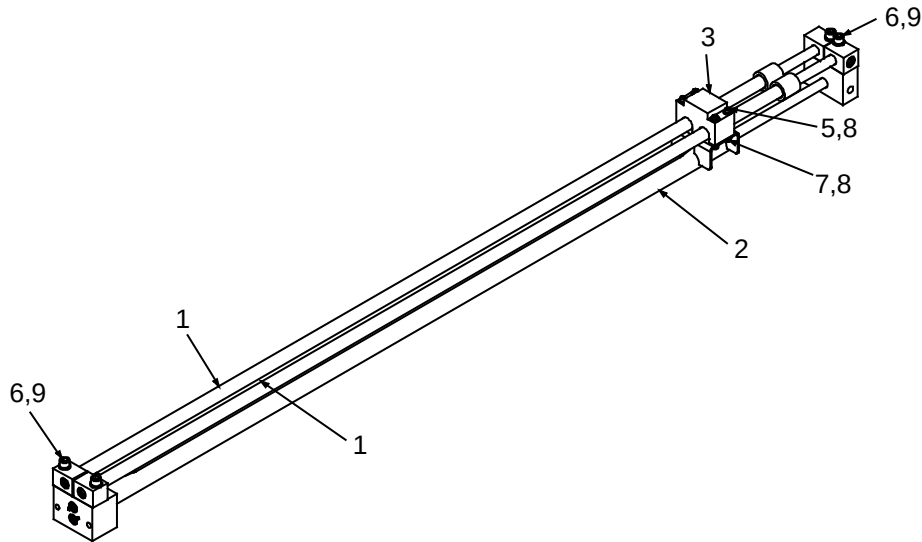
71412571 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
9.	73054218	VALVE-CHECK PILOT/OPEN NONVENT 100PSI	1
10.	76396941	SEAL-ROD .75ID X .187CS DEEP Z-TYPE	1
11.	76396950	WEAR RING-PISTON 1.25OD X .38W X .125CS	1
12.	76396954	SEAL-PISTON BACKER 1.25 OD X 1.00 ID	1
13.	7Q072014	O RING .50X .62X .06 70	1
14.	7Q072214	O RING 1.00X 1.25X .12 70	1
15.	7Q10P214	BACK-UP RING 1 BORE 1.25 O.D. 0.049 THK	1
16.	7R14P007	ROD WIPER TYPE D .75 ROD	1
NEW 20061011			

Cylinder, Left Side Power Out (99904715) (Eff. 12-1-09)



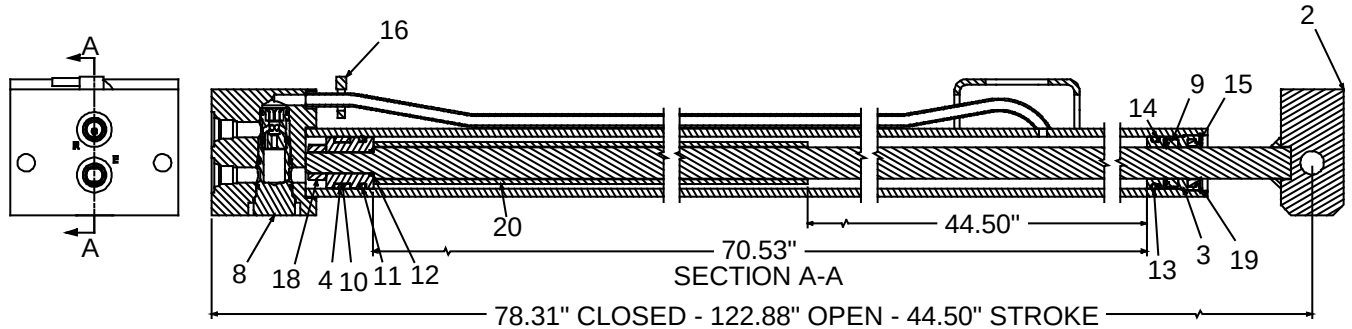
99904715 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	71413626	CYLINDER-1.2/.7 44.50S 78.31CC C	1
3.	60134727	BRACKET-DOM IV STABILIZER	1
4.	71413633	BLOCK-SPACER STABILIZER CYL TRANSFER	1
5.	72063051	WASHER .38 LOCK	2
6.	72060044	CAP SCREW .38-16X .75 HH GR5 Z	2
7.	72063001	WASHER .25 FLAT	8
8.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

Cylinder Assembly, Left Side Power Out (99904084)



99904084 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51720564	TUBE ASY-HYD OTR D4	2
2.	71412588	CYL-1.2/.7 44.50S 78.31CC C	1
3.	71412600	BLOCK-SPACER STAB CYL TRANSFER	1
4.	51720581	HARDWARE KIT-P/O STAB CYL ASY (INCL 5-9)	1
5.	72060010	CAP SCR .25-20 2.50 HH GR5Z	4
6.	72060797	CAP SCR .50-13X 2.50 SH PLAIN	4
7.	72062104	NUT .25-20 HEX NYLOCK	4
8.	72063001	WASHER .25 FLAT	8
9.	72063053	WASHER .50 LOCK	4
REV. A 20061206			

Cylinder, Left Side Power Out (71413626) (Eff. 12-1-09)



NOTES:

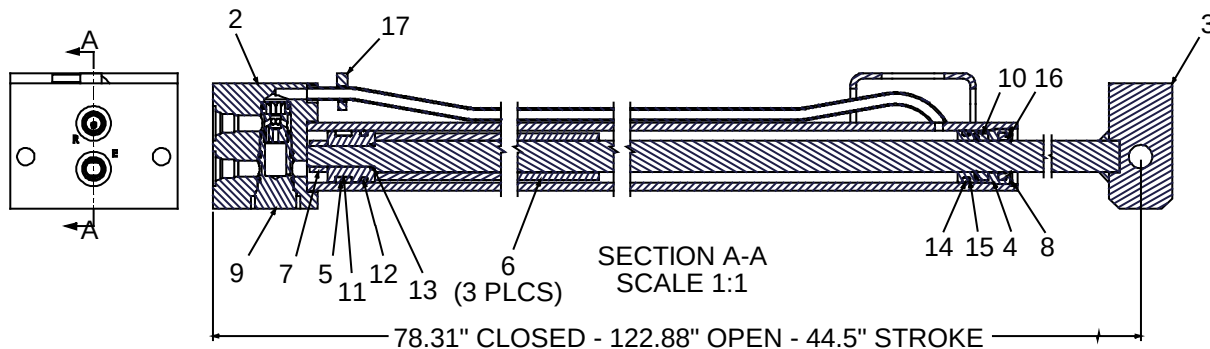
- 1 TO REDUCE DOWNTIME, REPLACE ALL COMPONENTS OF THE SEAL KIT WHENEVER THE CYLINDER IS DISASSEMBLED.
- 2 APPLY NEVER-SEEZ LUBRICATING COMPOUND TO THREADS ON THE CYLINDER HEAD ONLY. KEEP AWAY FROM ALL SEALS.
- 3 APPLY LUBRIPLATE 630-2 MEDIUM HEAVY, MULTI-PURPOSE LUBRICANT TO ALL SEALS ON PISTON, HEAD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

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

71413626 PARTS LIST				
ITEM	PART #	DESCRIPTION	KIT #	QUANTITY
1.	94396955	SEAL-KIT EXT STAB CYL		1
2.	52722500	ROD ASM- .75 DIA X 76.06 LG 1.63 S		1
3.	71412593	HEAD-1.25 BORE X .75 ROD		1
4.	71412592	PISTON-1.25 BORE X .75 ROD X 1.63 STG		1
5.	52722501	CASE ASM-1.25 BORE X 75.82 LG		1
8.	73054218	VALVE-CHECK PILOT/OPEN NONVENT 100PSI		1
9.	76396941	SEAL-ROD .75ID X .187CS DEEP Z-TYPE	#1	1
10.	76396950	WEAR RING-PISTON 1.25OD X .38W X .125CS	#1	1
11.	76396954	SEAL-PISTON BACKER 1.25 OD X 1.00 ID	#1	1
12.	7Q072014	O RING .50X .62X .06 70	#1	1
13.	7Q072214	O RING 1.00X 1.25X .12 70	#1	1

71413626 PARTS LIST				
ITEM	PART #	DESCRIPTION	KIT #	QUANTITY
14.	7Q10P214	BACK-UP RING 1 BORE 1.25 O.D. 0.049 THK	#1	1
15.	7R14P007	ROD WIPER TYPE D .75 ROD	#1	1
18.	72062108	NUT .50-20 HEX CENTER LOCKING GR8 Z		1
19.	72066029	RETAINING RING-INT 1.31 STD		1
20.	60134710	STOP TUBE .75 ROD X 26.00 LONG		1
REV B 20120309				

Cylinder, Left Side Power Out (71412588) (Thru 11-30-09)



NOTES:

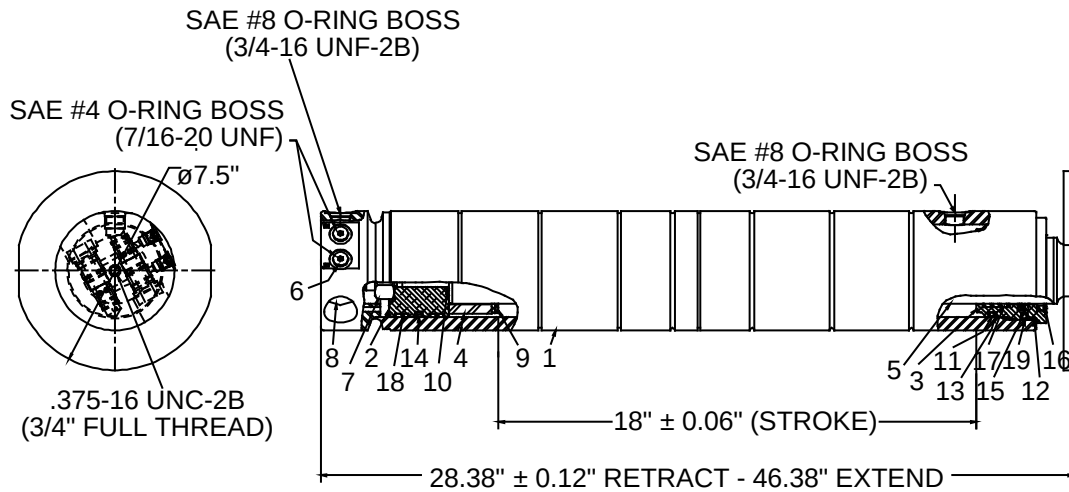
- 1 TO REDUCE DOWNTIME, REPLACE ALL COMPONENTS OF THE SEAL KIT WHENEVER THE CYLINDER IS DISASSEMBLED.
- 2 APPLY NEVER-SEEZ LUBRICATING COMPOUND TO THREADS ON THE CYLINDER HEAD ONLY. KEEP AWAY FROM ALL SEALS.
- 3 APPLY LUBRIPLATE 630-2 MEDIUM HEAVY, MULTI-PURPOSE LUBRICANT TO ALL SEALS ON PISTON, HEAD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

71412588 CYLINDER DATA	
EXTENDED	1.23 IN ² , 0.24 GAL
RETRACTED	0.79 IN ² , 0.15 GAL
CASE	1.63 x 1.25 x 67.82"
ROD	0.75 x 30.94"
DRY WEIGHT	33.14 LB
TEST PRESSURE	3000 PSI
OPERATING PRESSURE	2500 PSI
PORTS	SAE #4 O-RING BOSS (7/16-20 UNF-2B)
CYLINDER CASE BURST PRESSURE	20,000 PSI
TORQUES	LOCKING NUT (#7) 35-40 FT-LB

71412588 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	94396955	SEAL KIT (INCL 10-16)	1
2.	52720424	CASE ASSEMBLY	1
3.	52720425	ROD ASSEMBLY	1
4.	71412593	HEAD	1
5.	71412592	PISTON	1
6.	60130375	STOP TUBE	3
7.	72062108	NUT .50-20 HEX CENTER LOCKING GR8 Z	1
8.	72066029	RETAINING RING	1
9.	73054218	VALVE-CHECK PILOT/OPEN NONVENT 100PSI	1
10.	76396941	ROD SEAL	1

71412588 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
11.	76396950	PISTON WEAR RING	1
12.	76396954	SEAL-PISTON BACKER	1
13.	7Q072014	O RING .50X .62X .06 70	1
14.	7Q072214	O RING 1.00X 1.25X .12 70	1
15.	7Q10P214	BACK-UP RING 1 BORE 1.25 O.D. 0.049 THK	1
16.	7R14P007	ROD WIPER	1
17.	70034060	TIES-PLASTIC	1
REV. C 20060927			

Cylinder, Power Down (71412308)



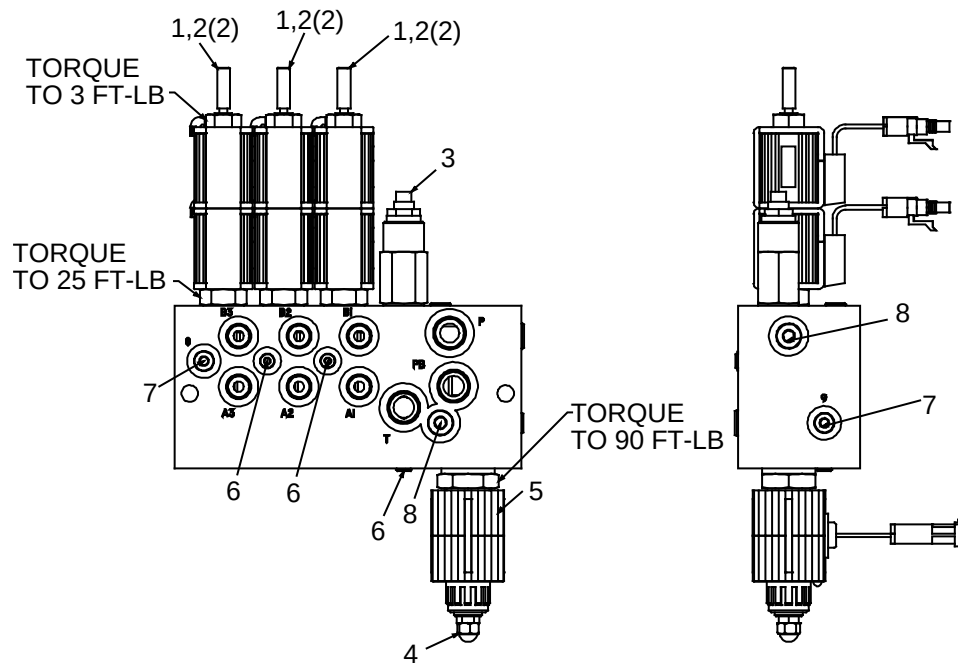
NOTES:

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

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

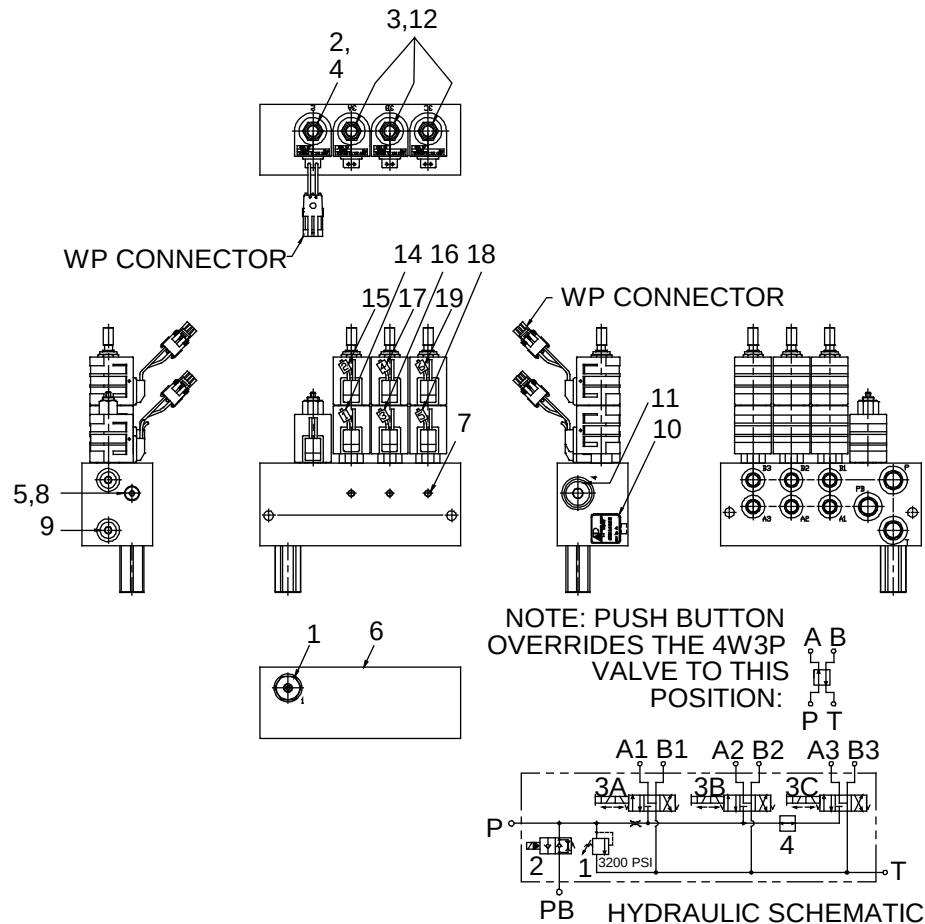
71412308 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	71412309	CASE WLDMT-LIFT CYL	1
2.	71411930	ROD WLDMT-EXT STAB CYL	1
3.	71411931	HEAD GLAND-EXT STAB CYL	1
4.	71411932	PISTON-EXT STAB CYL	1
5.	-REF-	1.25-12 UNF LOCKNUT	1
6.	-REF-	SAE NO. 4 STEEL HOL. HEX PLUG	2
7.	94396793	SEAL KIT	1
8.	73054218	VALVE-CHECK PILOT/OPEN NONVENT 100PSI	2
REV. A 20061011			

Valvebank, Power Out (73734280) (Eff. 12-1-09)



73734280 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	73540377	VALVE-SOLENOID DOM IV (INCLUDES COILS)	3
2.	77040498	COIL-12V LEAD WIRE	6
3.	73540269	VALVE-RELIEF 3200 PSI	1
4.	73540270	VALVE-SOLENOID SOFT SHIFT	1
5.	77040499	COIL-12V 36W LEADWIRE	1
6.	72534559	PLUG-STR SOC HD STL 2 ZERO LEAK	3
7.	72534560	PLUG-STR SOC HD STL 4 ZERO LEAK	3
8.	72534561	PLUG-STR SOC HD STL 6 ZERO LEAK	2
NEW 20100108			

Valvebank, Power Out (73734083)



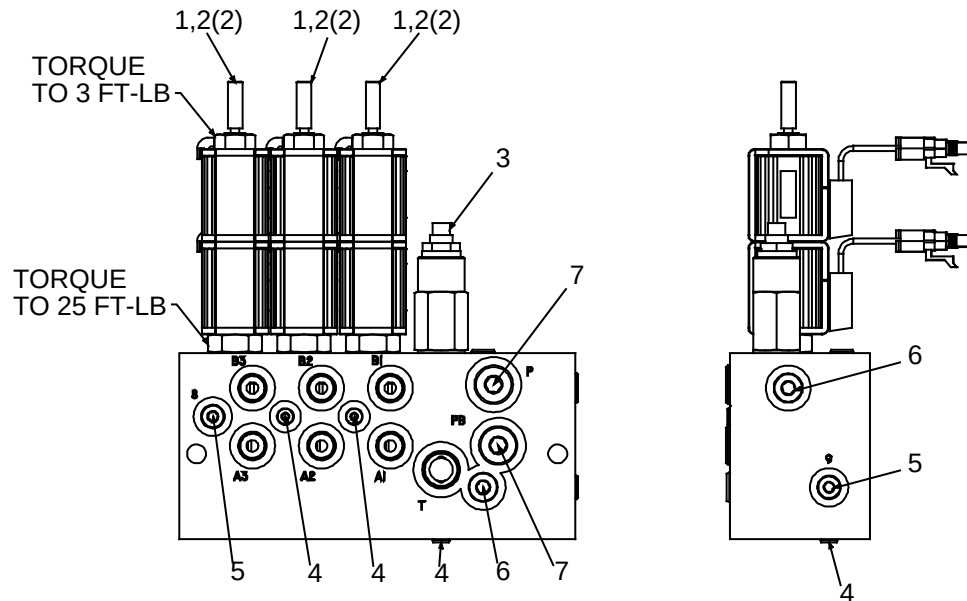
NOTES:

- 1 PORTS A1, A2, A3, B1, B2 AND B3 ARE #6 SAE.
- 2 PORTS P, PB, AND T ARE #8 SAE.
- 3 RELIEF VALVE 1 IS SET AT 3200 PSI.

73734083 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	73540183	RELIEF VALVE 3200 PSI	1
2.	73540184	2W N.O. POPPET VALVE	1
3.	73540185	4W39 SPOOL VALVE	3
4.	77040477	12 VDC COIL	1
5.	72534430	ORFICE PLUG, Ø.078	1
6.	.	MANIFOLD	1
7.	.	7 mm EXPANDER PLUG	3
8.	.	#4 SAE PLUG	1
9.	.	#6 SAE PLUG	2
10.	.	NAME PLATE	1
11.	.	#10 SAE PLUG	1

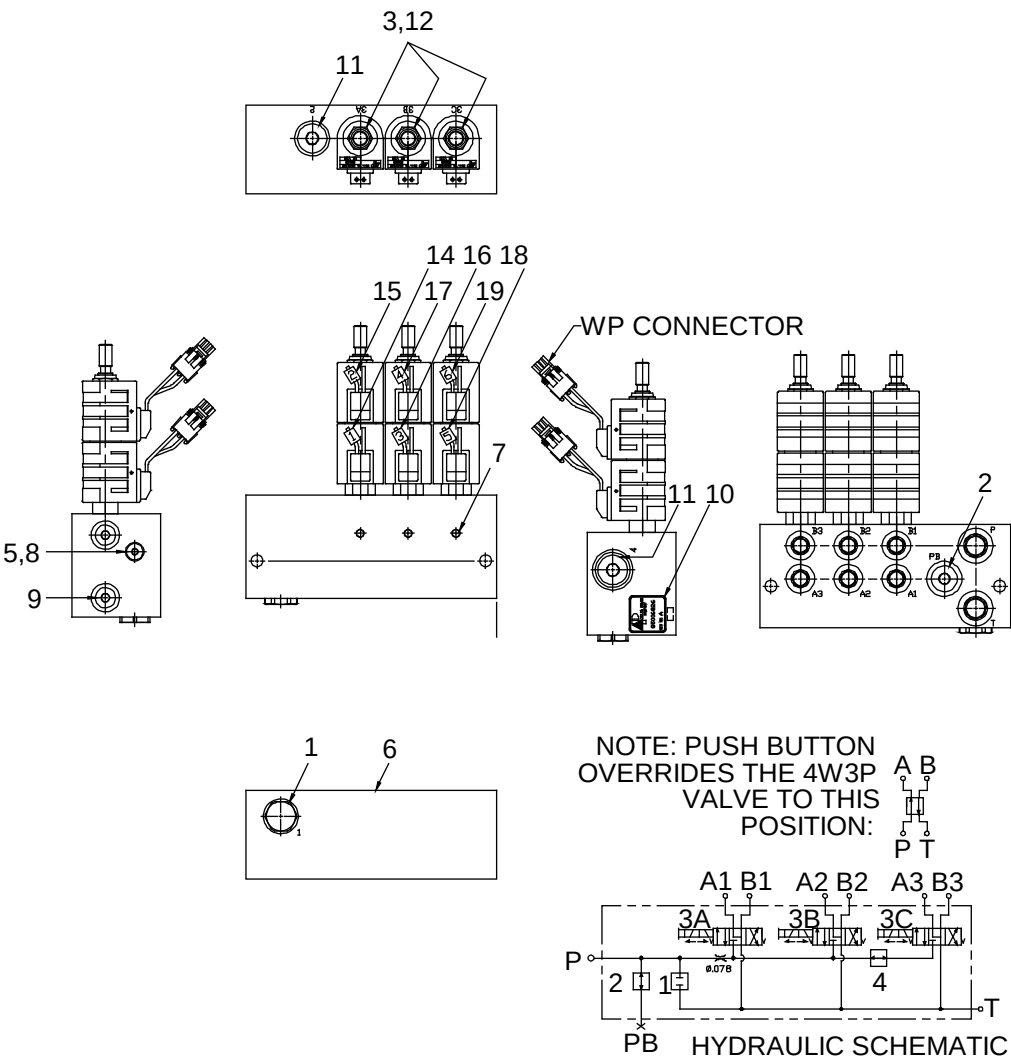
73734083 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
12.	77040476	12 VDC COIL	6
13.	.	.	.
14.	.	WIRE MARKER, 1	1
15.	.	WIRE MARKER, 2	1
16.	.	WIRE MARKER, 3	1
17.	.	WIRE MARKER, 4	1
18.	.	WIRE MARKER, 5	1
19.	.	WIRE MARKER, 6	1
	.	#6 SAE PLASTIC PLUG	6
	.	#8 SAE PLASTIC PLUG	3
REV. A 20061011			

Valvebank, Power Down (73734281) (Eff. 12-1-09)



73734281 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	73540377	VALVE-SOLENOID DOM IV (INCLUDES COILS)	3
2.	77040498	COIL-12V LEAD WIRE	6
3.	73540384	VALVE-RELIEF 1500 PSI	1
4.	72534559	PLUG-STR SOC HD STL 2 ZERO LEAK	3
5.	72534560	PLUG-STR SOC HD STL 4 ZERO LEAK	3
6.	72534561	PLUG-STR SOC HD STL 6 ZERO LEAK	2
7.	72534562	PLUG-STR SOC HD STL 8 ZERO LEAK	2
NEW 20100108			

Valvebank, Power Down (73734084) (Thru 11-30-09)



NOTES:

- 1 PORTS A1, A2, A3, B1, B2 AND B3 ARE #6 SAE.
- 2 PORTS P, PB, AND T ARE #8 SAE.

73734084 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	.	CAVITY PLUG	1
2.	.	#8 SAE PLUG	1
3.	73540184	4W39 SPOOL VAVLE	3
4.	.	.	.
5.	72534430	ORFICE PLUG, Ø.078	1
6.	.	MANIFOLD	1

73734084 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
7.	.	7 mm EXPANDER PLUG	3
8.	.	#4 SAE PLUG	1
9.	.	#6 SAE PLUG	2
10.	.	NAME PLATE	1
11.	.	#10 SAE PLUG	1
12.	77040476	12 VDC COIL	6
13.	.	.	.
14.	.	WIRE MARKER, 1	1
15.	.	WIRE MARKER, 2	1
16.	.	WIRE MARKER, 3	1
17.	.	WIRE MARKER, 4	1
18.	.	WIRE MARKER, 5	1
19.	.	WIRE MARKER, 6	1
	.	#6 SAE PLASTIC PLUG	6
	.	#8 SAE PLASTIC PLUG	3

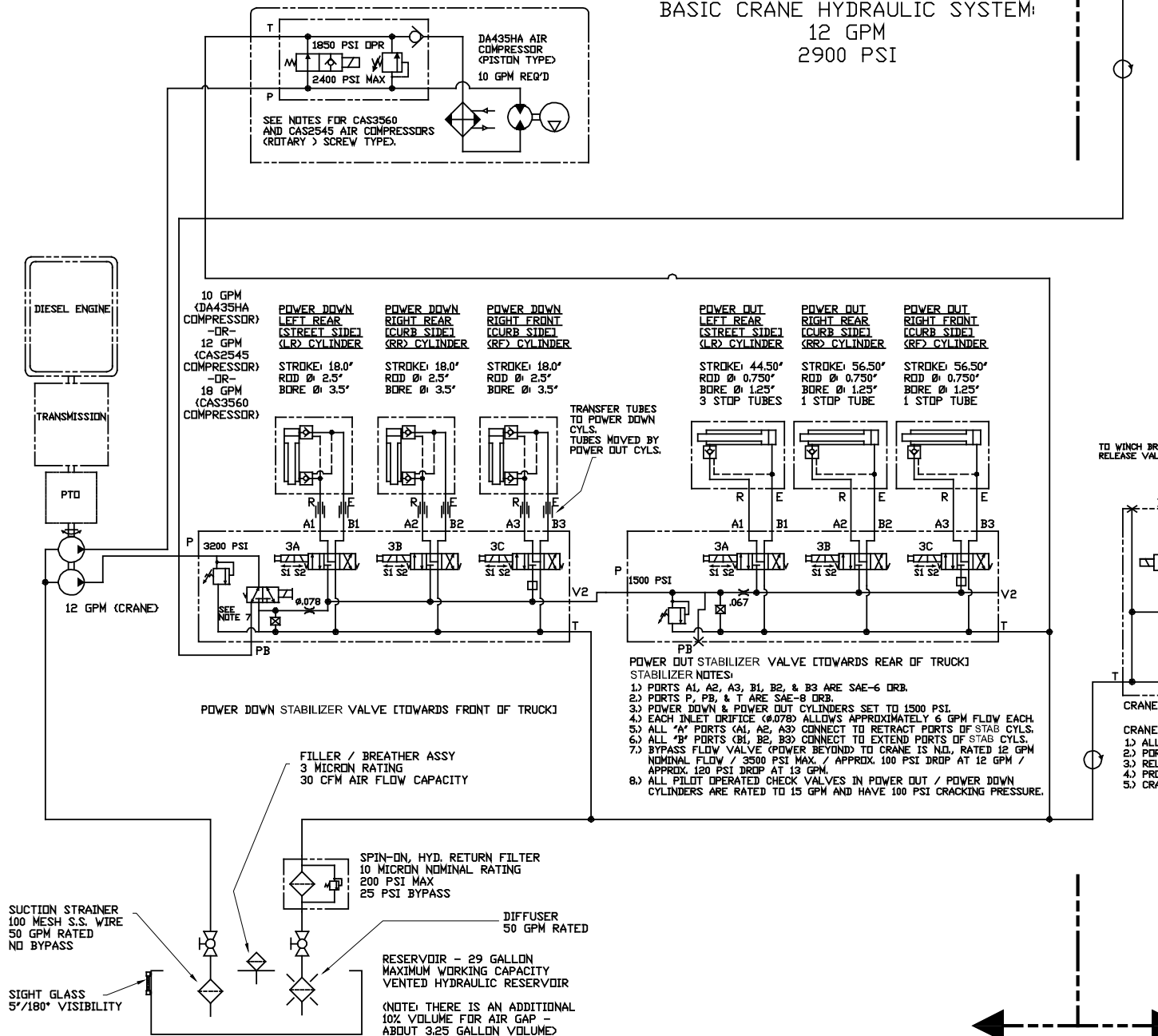
Hydraulic Schematic (99903980-1)

7025 SERIES II / 8025 TELESCOPIC CRANE ON A
DOMINATOR IV SERIES 11 BODY WITH POWER OUT AND
POWER DOWN STABILIZERS ON THREE CORNERS

DOM IV SII MECHANICS BODY & TRUCK CHASSIS

7025

BASIC CRANE HYDRAULIC SYSTEM:
12 GPM
2900 PSI

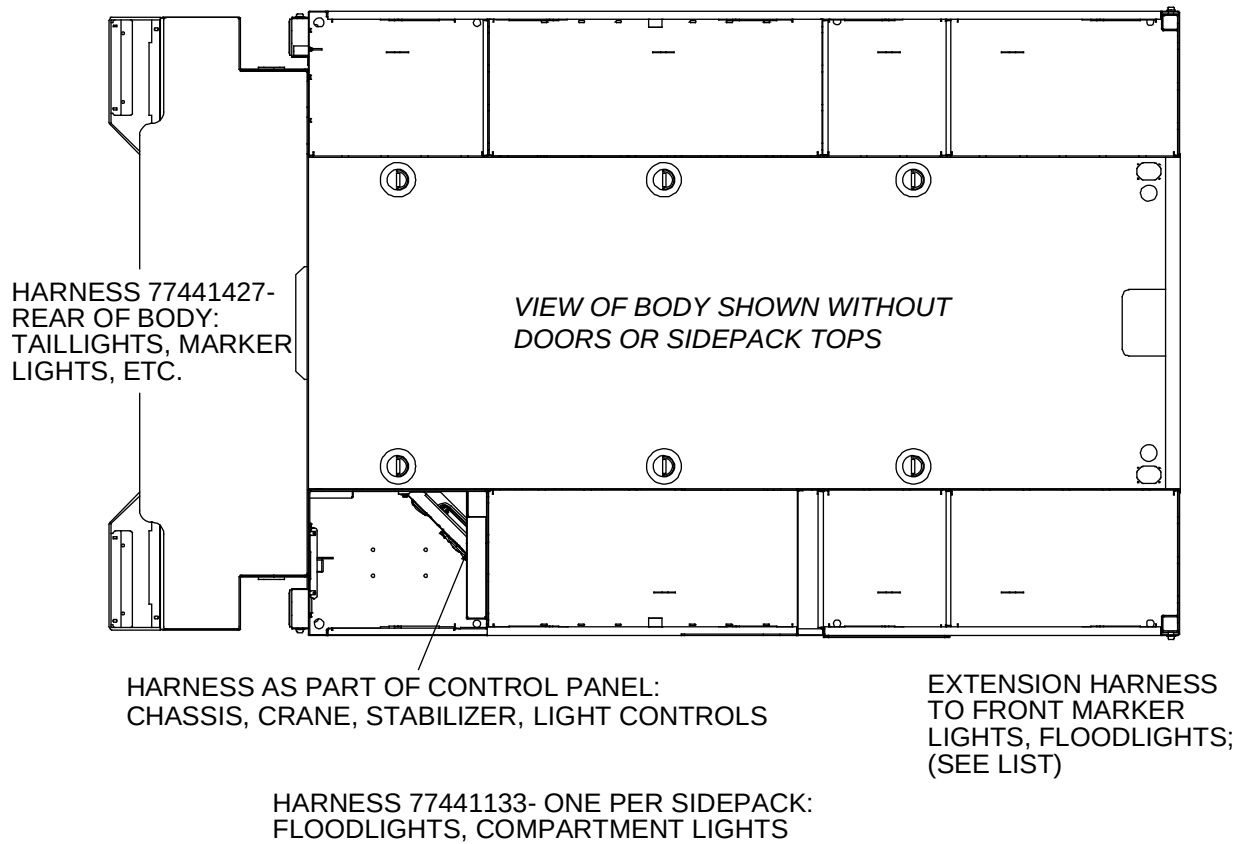


CHAPTER 7

Electrical Options & Installation

In This Chapter

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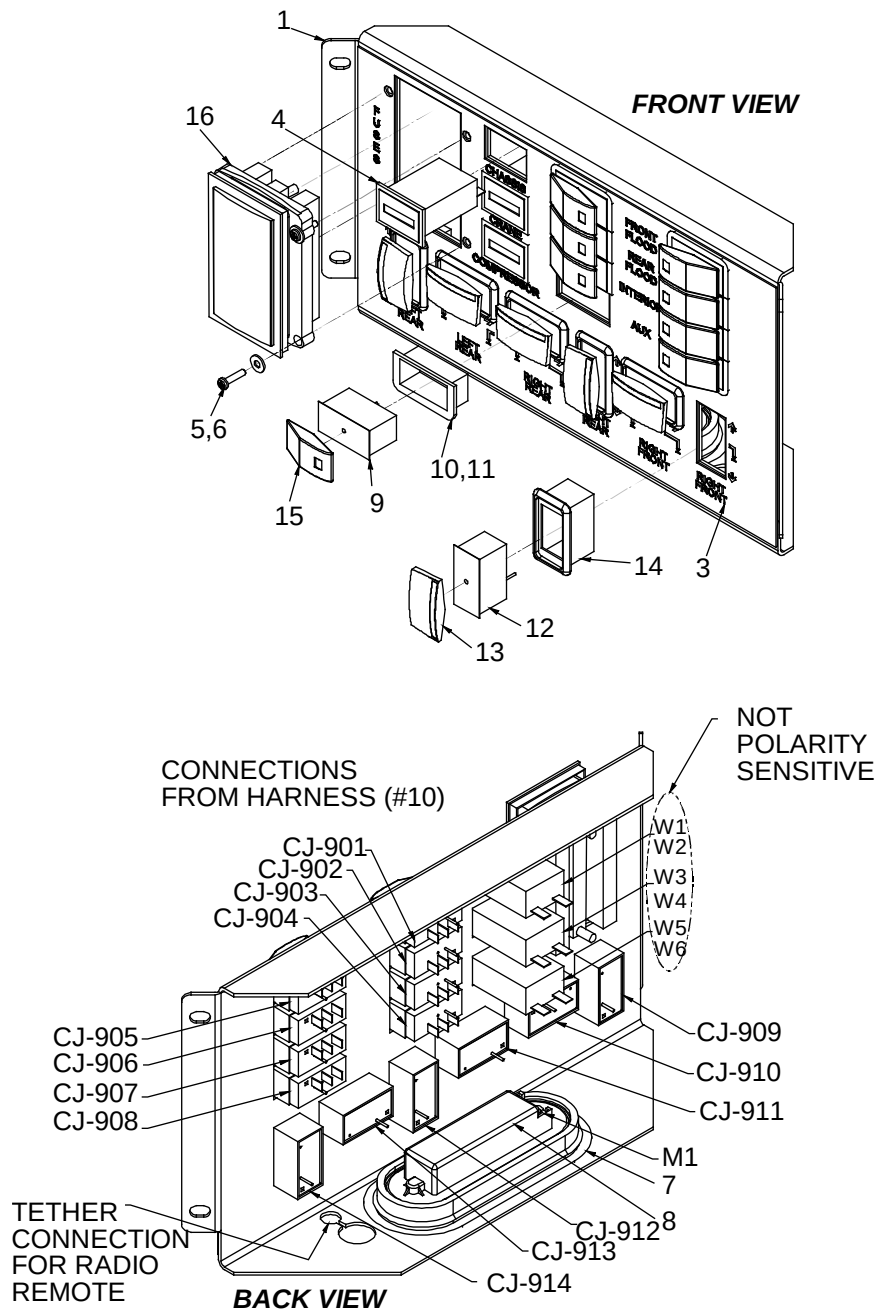
NOTES (SEE REFERENCE NUMBER IN BOX):

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

99904088 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51720172	ELECTRICAL PANEL (DOM4)	1
1.	51719191	ELECTRICAL PANEL (DOM1 & DOM2)	1
2.	72063050	WASHER .31 LOCK	4
3.	72060021	CAP SCR .31-18X .50 HH GR5 Z	4
4.	89396626	EDGING-PLASTIC BLK (DOM IV ONLY)	A/R
7.	77040483	LIGHT-3-BAR LED	1
8.	72063000	WASHER .19 W FLAT ANSI B27.2Z	5
10.	72062106	NUT 10-24 HEX NYLOCK	4
11.	77441004	LIGHT-LICENSE PLATE	1
12.	60130829	MTG BRACKET-WIRE HARNESS (DOM IV)	2

99904088 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
12.	60120705	MTG BRKT-WIRE HARNESS (DOM I AND II)	2
13.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	6
14.	72063002	WASHER .31 FLAT	6
15.	72062109	NUT .31-18 HEX NYLOCK	6
16.	77040020	ALARM-BACK UP HORN	1
17.	72060005	CAP SCR .25-20X 1.25 HH GR5 Z (WAS 72060002)	2
18.	72063001	WASHER .25 FLAT	2
19.	72062104	NUT .25-20 HEX NYLOCK	2
23.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	2
24.	72063003	WASHER .38 W FLAT ANSI B27.2Z	2
25.	72063051	WASHER .38 LOCK ZINC	2
26.	72062103	NUT .38-16 HEX NYLOC ZINC	2
28.	77040493	LIGHT-STOP/TURN/TAIL LED 4in DIA (WAS 77040432)	4
29.	77040180	LIGHT-BACKUP 4" CLEAR	2
30.	76392275	GROMMET-RUBBER TAIL LIGHT 4"	6
31.	72060636	SCR-MACH #10-24X .75 RDH PH ZINC	4
32.	77040570	LIGHT-CLEARANCE RED LED OVAL W/GROMMET	2
	77040616	LIGHT-CLEARANCE RED LED ROUND W/GROMMET	2
33.	77040569	LIGHT-CLEARANCE AMBER LED OVAL W/GROMMET	2
	77040615	LIGHT-CLEARANCE AMBER LED ROUND W/GROMMET	2
REV. G 20130430			

Electrical Panel (99903974)

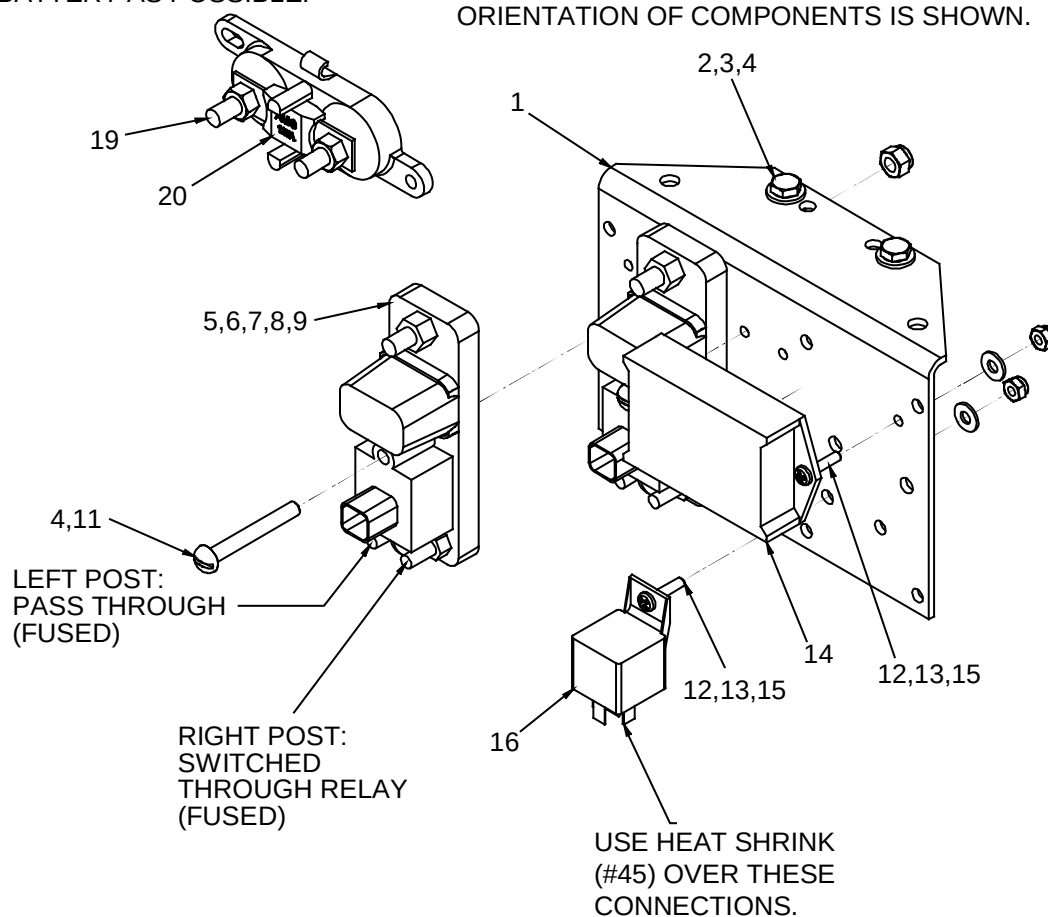


99903974 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60251214	PANEL-ELECTRICAL CONTROL DOM IV	1
2.	70034061	TIES-PLASTIC .18W 12.00L BLACK	10
3.	70396891	DECAL-ELECTRICAL CONTROL PANEL	1
4.	70733496	METER-HOUR DATCON PUSH LOCK MOUNTING	3
5.	72060612	SCR-MACH # 8-32X .75 RDH	4
6.	72063181	WASHER-SS 10 WRT TYPE 304	4
7.	76394572	GROMMET-2 X 6 OVAL CMPT LIGHT	1
8.	77040509	LIGHT-COMPARTMENT LED (WAS 77040384)	1
9.	77041500	SWITCH-ROCKER BODY	8
10.	77041502	SWITCH-ROCKER MTG PANEL END	4
11.	77041504	SWITCH-ROCKER MTG PANEL MIDDLE	4
12.	77041687	SWITCH-ROCKER BODY MOMENTARY	6
13.	77041688	SWITCH-ROCKER ACTUATOR	6
14.	77041689	SWITCH-ROCKER SINGLE MOUNTING PANEL	6
15.	77044779	SWITCH-ROCKER GREEN ACTUATOR	8
16.	77441200	HARNESS (DOM IV)	1
REV A 20071003			

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

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

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



99904034 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60128133	BRACKET-EFM	1
2.	72060003	CAP SCR .25-20X .88 HH GR5 Z	4
3.	72063001	WASHER .25 FLAT	4
4.	72062104	NUT .25-20 HEX NYLOCK	6
5.	77040490	RELAY-12 VOLT POWER RELAY MODULE	2
6.	77041712	FUSE-FMX 30 AMP PINK	1
7.	77041713	FUSE-FMX 40 AMP GREEN	1
8.	77041711	FUSE-FMX 20 AMP BLUE	1
9.	77041714	FUSE-FMX 60 AMP YELLOW	1
10.	77040491	CONNECTOR - 2 CAV FEMALE	2
11.	72060654	SCR-MACH .25-20X 2.00 RDH ZINC	2

99904034 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
12.	72062207	NUT 8-32 HEX NYLOCK	3
13.	72063181	WASHER-SS 10 WRT TYPE 304	3
14.	51717388	KIT-EFM (ENGINE FUNCTION MODULE)	1
15.	72060612	SCR-MACH # 8-32X .75 RDH	3
16.	77041251	RELAY-12V 30 AMP NOM/40 AMP MAX	1
17.	77040053	TERM-RING I .25 STUD 12-10 GA	1
18.	77040354	TERM-RING NI .25 STUD 8 WIRE	2
19.	77441116	FUSEHOLDER-HIGH AMP2 BOLT WITH COVER	1
20.	77441115	FUSE-AMG-125 AMP	1
21.	77040045	TERM-RING NI .31 STUD 6 WIRE	6
22.	77040492	TERM-RING NI .25 STUD 6 WIRE	1
23.	77045948	TERM-FEM MP 16-18 AWG	4
24.	77045949	SEAL-MP RED CABLE SEAL	4
25.	77040137	TERM-FEM SLIP ON12-10/.25 TAB	2
26.	77040186	TERM-FSLPON I .25TAB 16-14 GA	2
27.	51719331	KIT-DIODE DEUTSCH DT SERIES	3
28.	51719332	KIT-SPLICE METRIPACK 6 PIN	4
29.	77044984	WIRE-6 GA GXL RED	A/R
30.	77441199	HARNESS DOM CHASSIS DOM4	1
30.	77441130	HARNESS DOM CHASSIS DOM1 & DOM2	1
42.	89044232	WIRE-14GA RED STRD TYPE GXL	A/R
43.	89044274	WIRE-14GA BLACK STRD TYPE GXL	A/R
44.	89396659	TUBE-HEAT SHRINK .38X 2IN DOUBLE WALL	8
45.	77045926	TUBE-HEAT SHRINK-1.5 INCH DUAL WALL 4FT	0.0833
46.	89393368	TUBE-HEAT SHRNK .25X 6"LG (OBS)	2
48.	77040473	TERM-RING NI .38 STUD 6 WIRE	1
49.	77044651	TERM-RING .38 STUD 16-14 GA	1
50.	89044363	WIRE-12GA WHITE STRD TYPE GXL	4
51.	60025470	ANGLE-AL .12X1.00X1.00X 4.00	1
52.	70034061	TIES-PLASTIC .18W 12.00L BLACK	6
53.	77441110	CABLE POWER RED #6 X 36	1
REV A 20060922			

99904034 DRAWING

**99904034-AUTOMATIC
SINGLE PTO (MUNCIE/CHELSEA)
ALLISON MD (6000/4000) SERIES TRANSMISSION**

TO PTO
GROUND
SPLICE

TO PTO ACTIVATION
CIRCUIT

12V IGNITION HOT

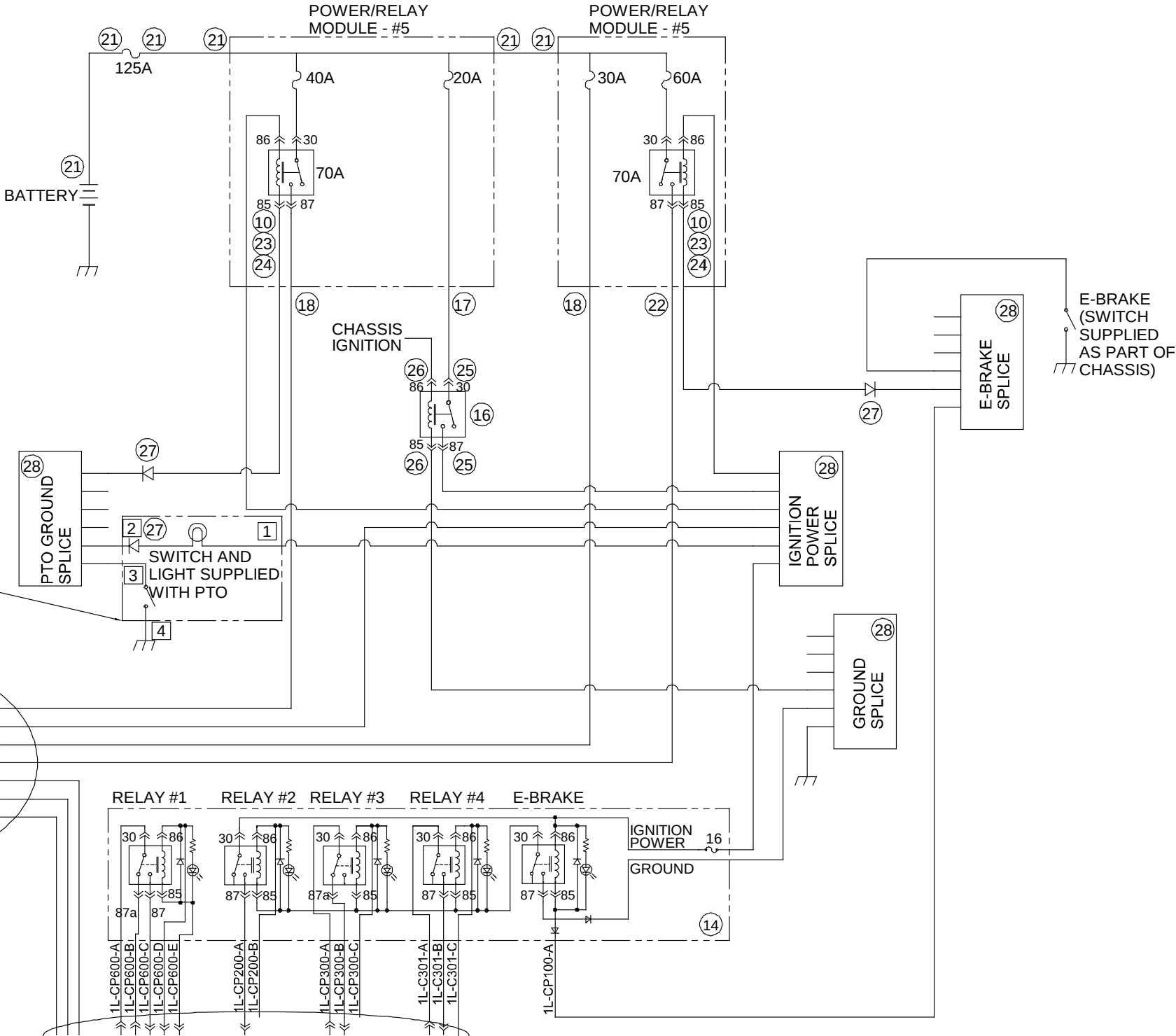
10A

NOT USED IN
THIS APPLICATION

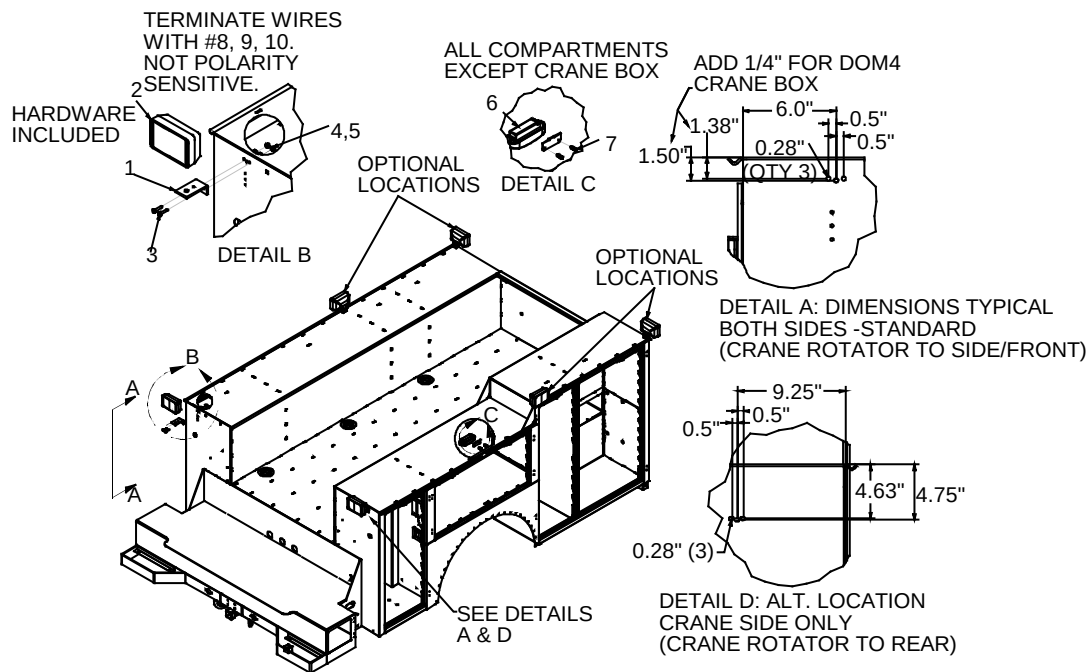
NOTE: 77041701 WILL ENGAGE THE PTO
AND PROVIDE A GROUND SIGNAL TO
THE IMT CHASSIS ELECTRICAL WIRING
WHEN THE SWITCH IS ACTIVE. THIS
ALLOWS ENGINE START TO FUNCTION IF
THE PRESSURE SWITCH ON THE PTO
OPENS (AFTER ENGINE KILL OCCURS,
FOR EXAMPLE.)

- CONNECTIONS TO
HARNESS #30
- INTERLOCK POWER
 - IGNITION POWER
 - BATTERY POWER
 - IGNITION & E-BRAKE POWER
 - ENGINE SPEED
 - ENGINE STOP
 - ENGINE START

SEE EFM MANUAL



Light Installation (99903687)



99903687 PARTS LIST

ITEM	PART #	DESCRIPTION	51719944	51719193	51719194	51720234	51719195
			9-FOOT COMPT. LIGHTS	11-FOOT COMPT. LIGHTS	13 & 14-FOOT COMPT. LIGHTS	19-FOOT COMPT. LIGHTS	FLOODLIGHT KIT (2 LIGHTS)
1.	60117375	BRACKET-FLOODLIGHT 12V REAR SP	2	2	2	2	
2.	77040424	FLOODLIGHT-COMPOSITE WORK LAMP	2	2	2	2	2
3.	72601846	CAP SCR-SS .25-20X 1.25 HH	4	4	4	4	4
4.	72063183	WASHER-SS .25 W MS811 FLAT 18-8	4	4	4	4	4
5.	72062194	NUT-SS .25-20 NYLOC	4	4	4	4	4
6.	77040384	LIGHT-COMPARTMENT 12V 2.1AMP	5	7	9	11	
7.	72617558	SCR-SELF TAP-SS #10X .50 HH SLOT	10	14	18	22	
8.	77044574	CONN-2 CAV TOWER	2	2	2	2	2
9.	77045888	TERM-14-16GA FEMALE	4	4	4	4	4
10.	77044927	CABLE SEAL-14 GA GREY	4	4	4	4	4
REV. D 20071218							

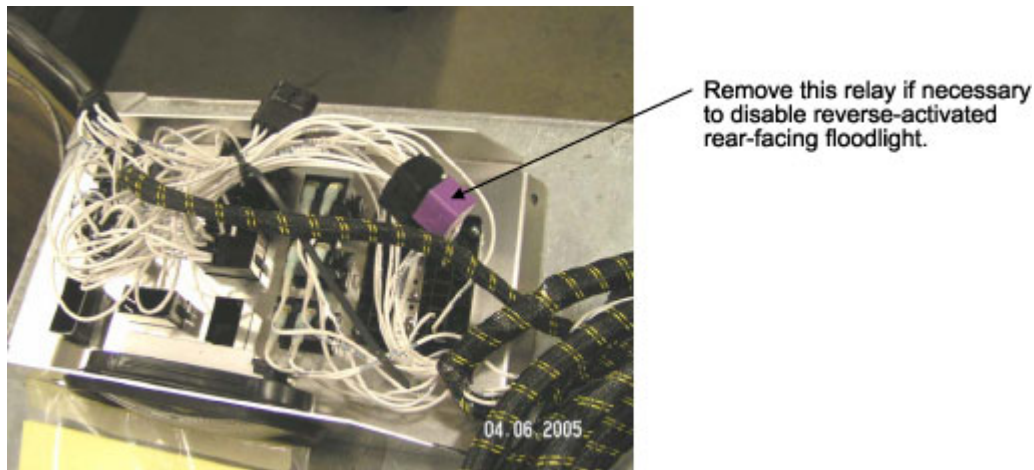
By-Pass Procedure for Reverse Activated Floodlights

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

NOTE:

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

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



Electrical Outlet (51711674)

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

Light Reel Kits

LIGHT REEL KIT - 12 VOLT (51707758)					
LIGHT REEL KIT - 110 VOLT - LIGHT DUTY (51707759)					
LIGHT REEL KIT - 110 VOLT W/50' CORD (51712724)					
ITEM	PART #	DESCRIPTION	12 VOLT QUANTITY	110 VOLT QUANTITY	110 VOLT QUANTITY W/CORD
1.	77040187	REEL - 50'	1	1	
	77040368	REEL - 50'			1
2.	77040225	BULB - 12V	1		
	77040224	BULB - 120V 75W ROUGH SERVICE		1	1
3.	77040049	BUTT CONNECTOR	1		
4.	77040000	TERMINAL	1		
5.	72060012	CAP SCR 1/4-20X3 HH GR5	1	1	
	72060025	CAP SCR 5/16-18X1 HH GR5			4
6.	72062104	NUT 1/4-20 LOCK	5	3	
	72062109	NUT 5/16-18 HEX NYLOC			4
7.	72601410	SCR-MACH .25-20X .75 BTNHD ZC	2	2	
8.	89044234	WIRE 14GA YELLOW X 96"	1		
9.	89044235	WIRE 14GA WHITE X 12"	1		
10.	89044072	WIRE 12GA/3 WIRE X 216"		1	1
11.	72063002	WASHER 5/16 FLAT			8

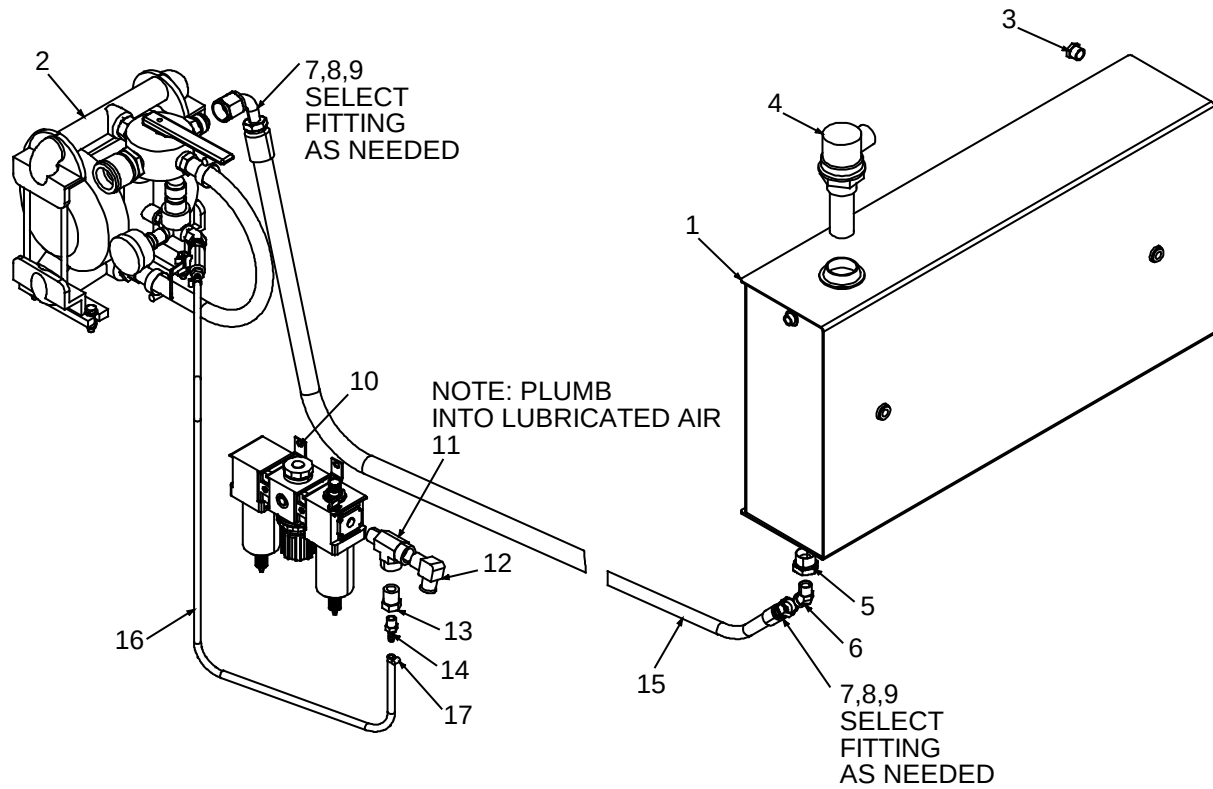
CHAPTER 8

Miscellaneous Options

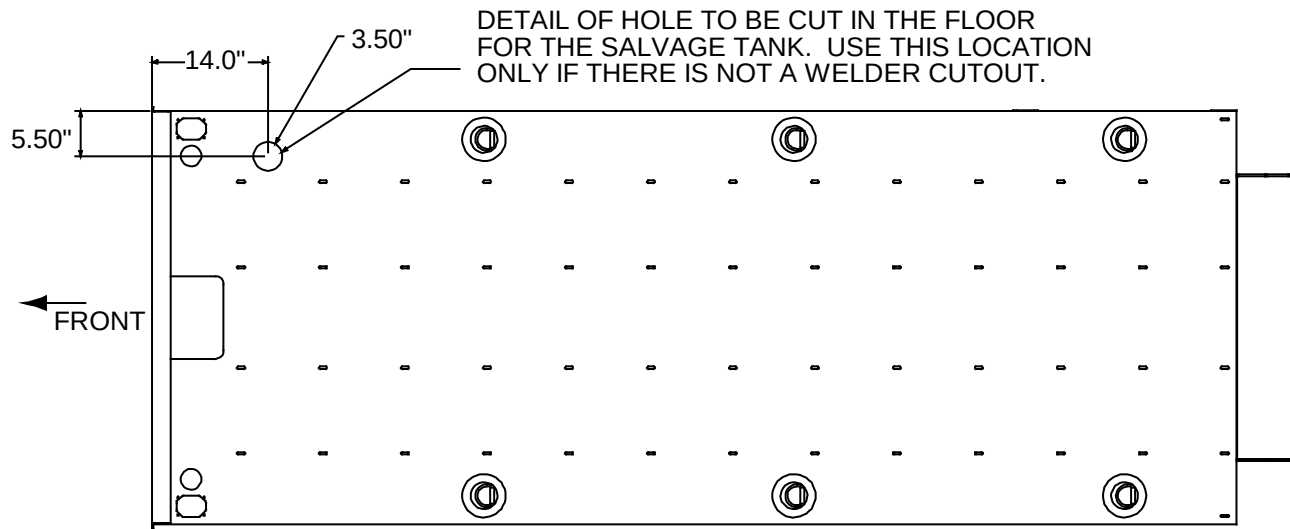
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Salvage / Plumbing Installation Kit (99903803)

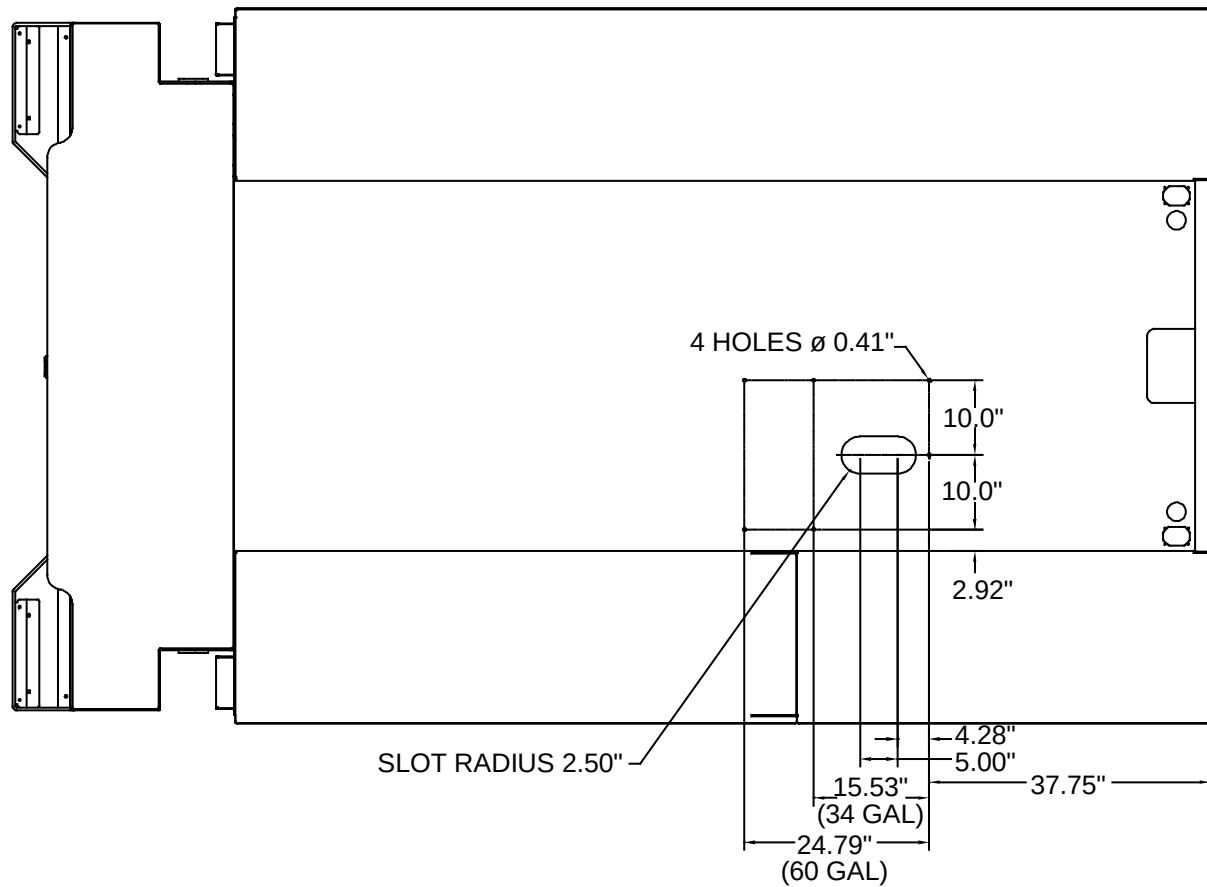


99903803 HOLE DETAIL - INSTALLATION OF SALVAGE TANK ON UNITS WITHOUT A WELDER CUTOUT



51712838 PARTS LIST (DRAWING 99903803)			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	REF	TANK-WLDMT	1
	52719967	34 GALLON SALVAGE TANK WELDMENT	
	52719985	60 GALLON SALVAGE TANK WELDMENT	
	52720009	TANK-WLDMT, 34 GAL SALVAGE (LOADBED)	
	52720028	TANK-WLDMT, 60 GAL SALVAGE (LOADBED)	
	51719983	34 GALLON SALVAGE KIT (W/O WELDER)	
	51719984	60 GALLON SALVAGE KIT (W/O WELDER)	
2.	REF	PUMP ASM SALVAGE	1
3.	72532681	SIGHT GAUGE- .75 PLUG W/REFLECT	1
4.	72532436	FAST FILL-VENT (ZV10)	1
5.	72531836	REDUCER BUSH-STL 1.25- .75	1
6.	72533054	ELBOW-MPT/45/M JIC .75 12	1
7.	72532976	HOSE FTG-TYPE F 12 .75 PARK	A/R
8.	72533378	HOSE FTG-TYPE J 12 .75 PARK	A/R
9.	72533445	HOSE FTG-TYPE Z 12 .75 PARK	A/R
10.	REF	FILTER-REGULATOR-LUBRICATOR	1
11.	72531991	TEE-STREET STL .50	1
12.	72533592	NIPPLE-BARB BRS .50MPT/90/.75 (PART OF FRL)	1
13.	72531830	REDUCER BUSH-STL .50- .25	1
14.	72053459	NIPPLE-BARB BRS .25MPT .25	1
15.	89393634	HOSE-HYD .75 100R4 881-12 PAR	A/R
16.	89392146	HOSE-GP .25 X 250 WP GRAY 801-4	A/R
17.	72066452	CLAMP-HOSE .25- .62 SAE 4 SS	2
22.	52719770	HYD RESERVOIR WELDMENT	1
23.	99903748	FLOOR, 11' RR CRANE	1
REV. A 20060307			

Salvage Tank Installation, Welder in Load Bed (99903807)

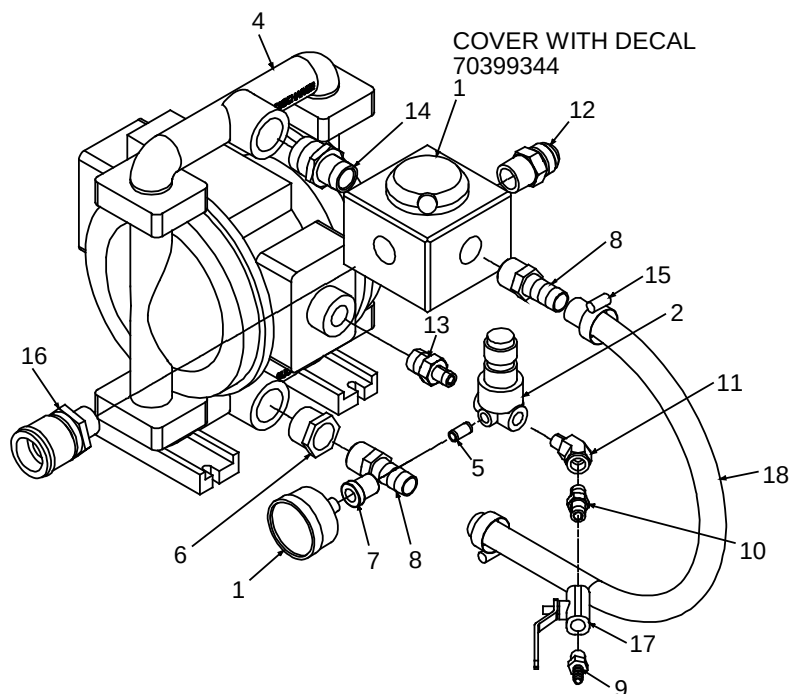


MOUNTING HOLES AND CUTOUTS
FOR INSTALLATION OF SALVAGE
TANK WITH WELDER IN LOADBED.

NOTE:

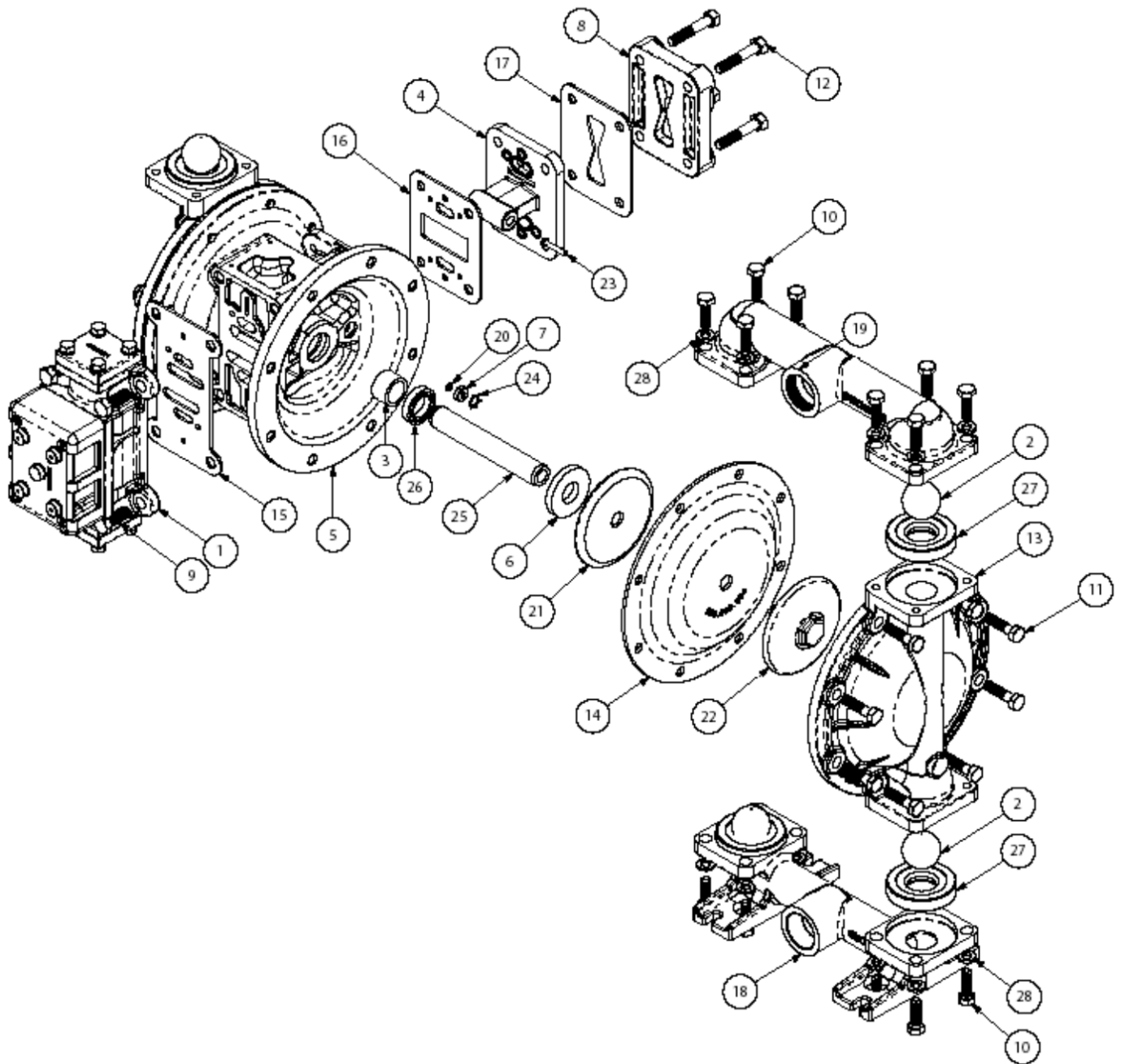
See 99903803 for plumbing information.

Salvage Pump Assembly (51721592) (Eff. 6-08)



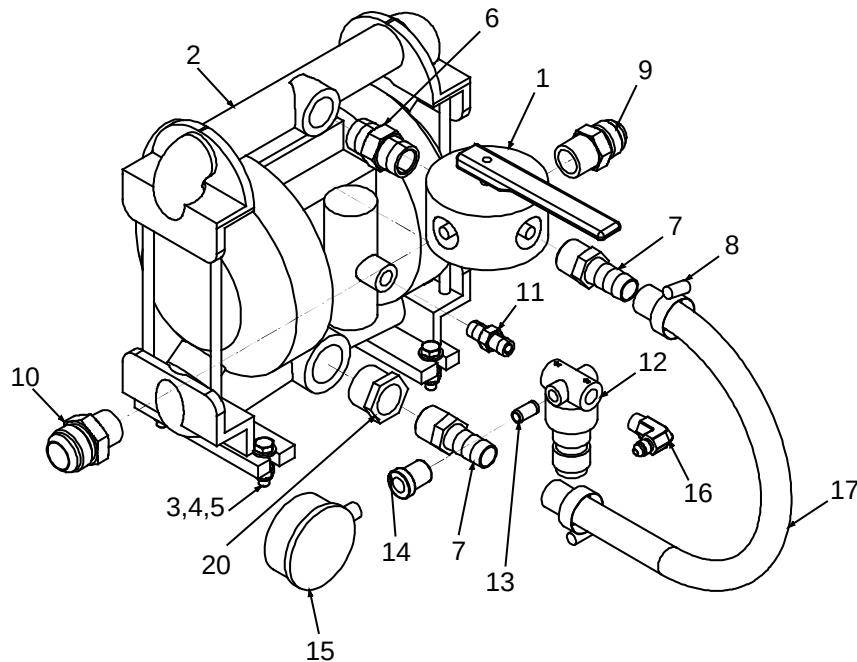
51721592 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70048015	GAUGE-PRESS AIR 300 CNTR MNT	1
2.	70048059	REGULATOR-AIR FIXED	1
3.	70732360	VALVE-4WAY	1
4.	70734343	PUMP-DIAPHRAGM 1.00in METALLIC	1
5.	72053000	NIPPLE-PIPE BLK .12X CLOSE	1
6.	72053376	REDUCER BUSH-BLK 1.00- .75	1
7.	72053431	COUPLING-RED BLK .25 - .12	1
8.	72053458	NIPPLE-BARB BRS .75MPT .75	2
9.	72053459	NIPPLE-BARB BRS .25MPT .25	1
10.	72053517	ADAPTER-MPT/HEX/MPT .25 .25	1
11.	72053533	ELBOW-STREET STL .25 X 45 DEG	1
12.	72053676	ADAPTER-MPT/M JIC .75 12	1
13.	72053724	ADAPTER-MPT/HEX/MPT .50 .25	1
14.	72053727	ADAPTER-MPT/HEX/MPT 1.00 .75	1
15.	72066000	CLAMP-HOSE .50-1.25 SAE 12	2
16.	72532421	FAST FILL-SOCKET	1
17.	73054122	VALVE-BALL .25	1
18.	89393634	HOSE-HYDRAULIC .75 100R4	1
REV. B 20120502			

Antifreeze/Salvage/Water Pump (70734343) (Eff. 6-2008)



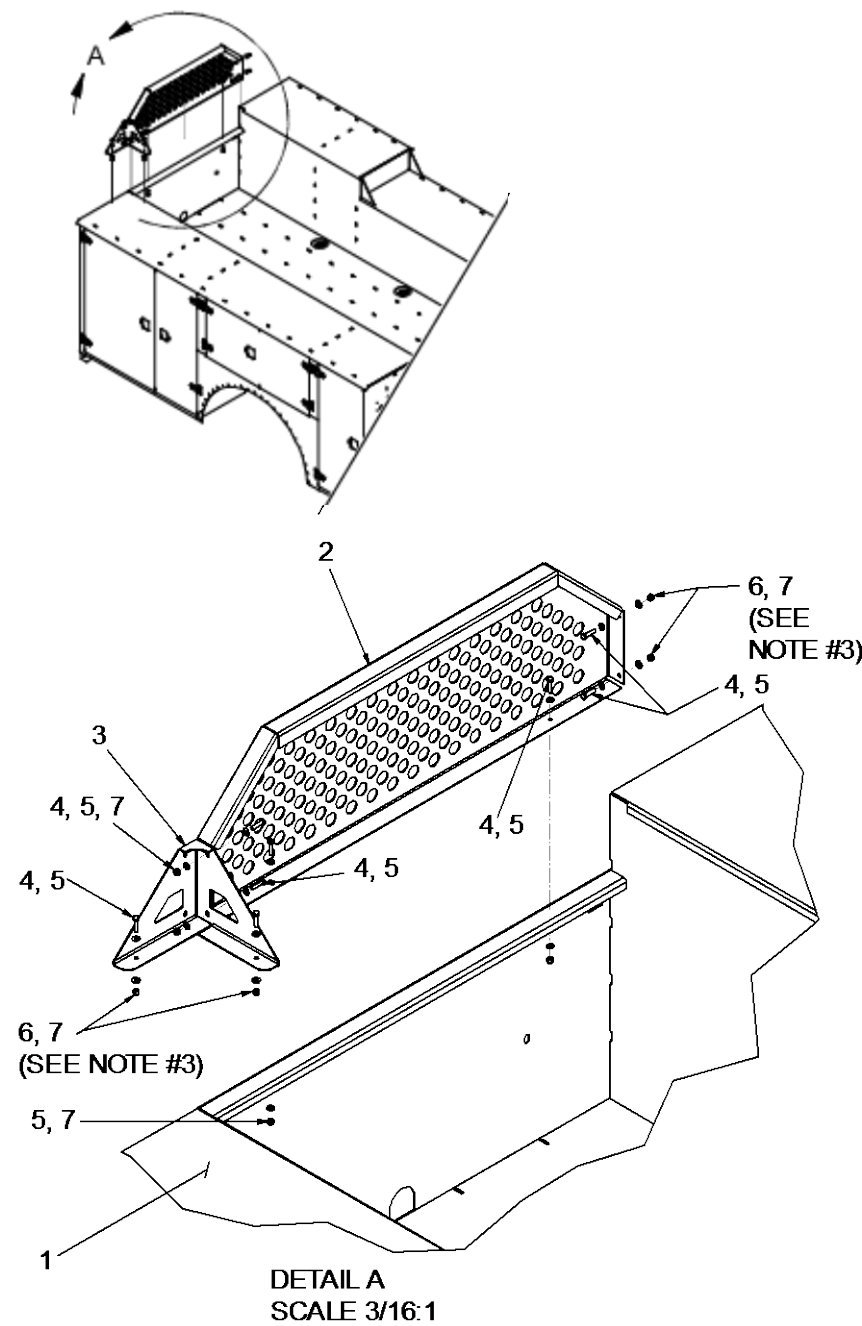
70734343 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	73734362	AIR VALVE ASSEMBLY (PART OF 30)	1
2.	73734363	CHECK BALL (PART OF 29)	4
3.	73734364	BEARING, SLEEVE	2
4.		VALVE, PILOT (PART OF 30)	1
5.		INTERMEDIATE	1
6.		BUMPER (PART OF 30)	2
7.		BUSHING (PART OF 30)	2
8.		CAP, AIR INLET ASSEMBLY	1
9.		CAPSCREW, 3/8-16 X 1.00	4
10.		CAPSCREW, HEX 5/16-18 X 1.00	16
11.		CAPSCREW, HEX HD, 5/16-18 X 1 1/4	16
12.		CAPSCREW, HEX HD 5/16-18 X 1 3/4	4
13.		CHAMBER, OUTER	2
14.	73734365	DIAPHRAGM (PART OF 29)	2
15.	73734366	GASKET, AIR VALVE (PART OF 30)	1
16.	73734367	GASKET, PILOT VALVE (PART OF 30)	1
17.	73734368	GASKET, AIR INLET CAP (PART OF 30)	1
18.		MANIFOLD, SUCTION	1
19.		MANIFOLD, DISCHARGE	1
20.	73734369	O-RING (PART OF 30)	2
21.		PLATE, INNER DIAPHRAGM	2
22.		PLATE, OUTER	2
23.		ACTUATOR PIN (PART OF 30)	2
24.		RING, RETAINER (PART OF 30)	2
25.	73734370	DIAPHRAGM ROD	1
26.	73734371	SEAL, U-CUP (PART OF 30)	2
27.	73734372	SEAT, CHECK BALL (PART OF 29)	4
28.		LOCK WASHER, 5/16	16
29.	94744179	FLUID REPAIR KIT (INCL. 2,14,27)	REF
30.	94744180	AIR END KIT (INCL. 1,4,6,7,15-17,20,23,24,26)	REF

Antifreeze Salvage Pump Assembly (51720270/Dwg. 99904048) (Through 5-2008)



51720270 PARTS LIST (DRAWING 99904048)			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70732360	VALVE-4WAY	1
2.	70731387	PUMP	1
3.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	4
4.	72062109	NUT .31-18 HEX NYLOCK	4
5.	72063002	WASHER .31 FLAT	4
6.	72053558	ADPTR-MPT/HEX/MPT .75 .75	1
7.	72053458	NIPPLE-BARB BRS .75MPT .75	2
8.	72066000	CLAMP-HOSE .50-1.25 SAE 12	2
9.	72053676	ADPTR-MPT/M JIC .75 - 12 (WAS 72053671)	1
10.	72053679	ADPTR-MPT/M JIC .75 - 16	1
11.	72053517	ADPTR-MPT/HEX/MPT .25 .25	2
12.	70048239	REGULATOR-AIR (WAS 70048147)	1
13.	72053000	NIPPLE-PIPE BLK .12X CLOSE	1
14.	72053431	COUPLING-RED BLK .25 - .12	1
15.	70048205	GAUGE-PRESS AIR (WAS 70048015)	1
16.	72531412	ELBOW-MPT/90/M JIC .25 4 (WAS 72053533)	1
17.	89393634	HOSE-HYD .75 100R4 881-12 PAR	18"
18.	72053376	REDUCER BUSH-BLK 1.00- .75	1
REV. C 20111031			

Headache Rack Parts & Installation (99903657)

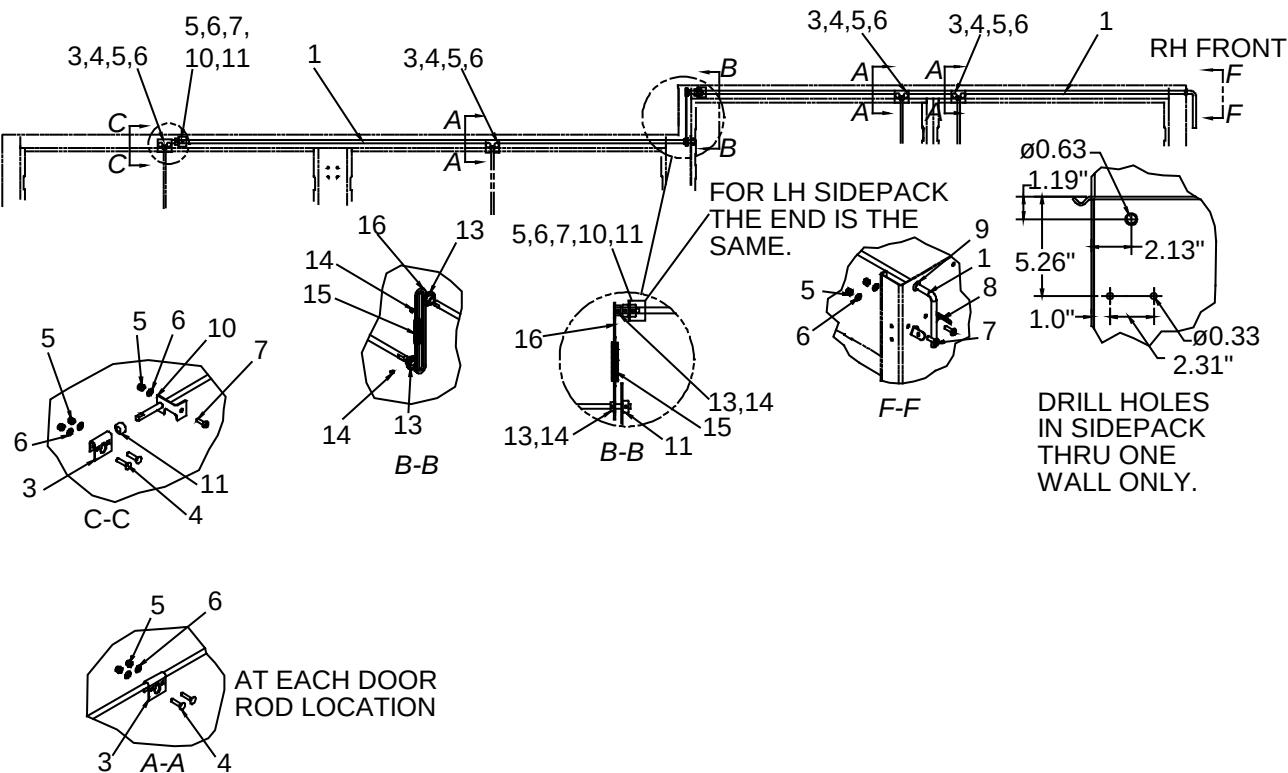


NOTES:

- 1 Drill 3/8" diameter holes to fasten headache rack.
- 2 Item #3, headache rack end, required only with standard compartment. Used on either side.
- 3 Use bonded washers when attaching to sidepack.

99903657 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	N/A	BODY-W D2-11' R 1 L STD	REF
2.	52718845	HEADACHE RACK BODY-BOLT ON	A/R
3.	52718846	HEADACHE RACK END GUSSET-BOLT ON	A/R
4.	72060025	CAP SCR.31-18X 1.0 HHGR5Z (WAS 72060026, 72601832)	A/R
5.	72063002	WASHER .31 FLAT (WAS 72063184)	A/R
6.	76392598	WASHER-BONDED PLTD .31	A/R
7.	72062109	NUT .31-18 HEX NYLOC (WAS 72062167)	A/R
REF	51718842	HEADACHE RACK, DOMINATOR STANDARD RIGHT AND STANDARD LEFT	
REF	51718843	HEADACHE RACK, DOMINATOR STANDARD LEFT AND RAISED RIGHT	
REF	51718844	HEADACHE RACK, DOMINATOR RAISED RIGHT AND LEFT	
REV B 20061107			

Master Lock Installation (99904143)



NOTE:

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

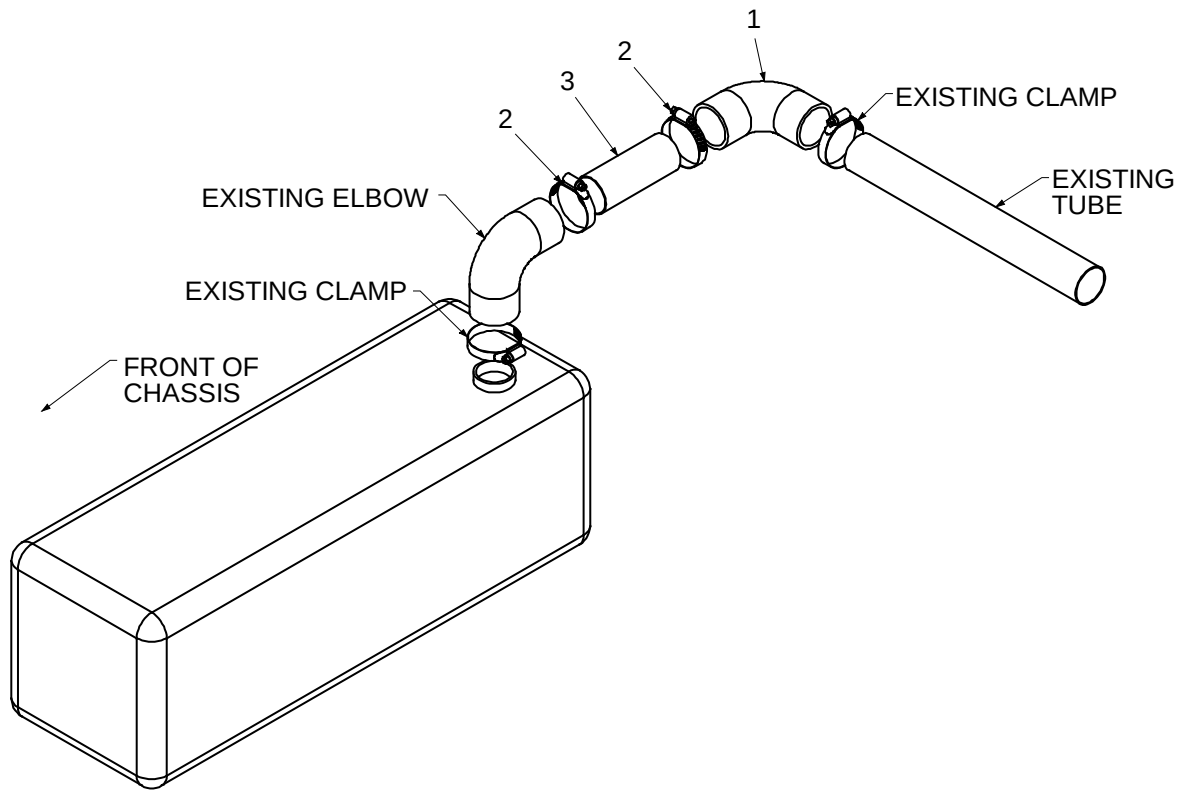
MASTER LOCK KIT #	BODY DESCRIPTION
51720688	14' DOMINATOR IV RAISED RIGHT FRONT
51720685	14' DOMINATOR IV STANDARD
51720687	19' DOMINATOR IV STANDARD
51720686	19' DOMINATOR IV RAISED RIGHT FRONT

KIT #			51720688	51720685	51720686	51720687
ITEM #	PART #	DESCRIPTION	QUANTITY			
1.	52715598 (WAS 60123476, 60130843)	ROD-MASTER LOCK 160" X 6"	1	1		
1.	60130846	ROD-MASTER LOCK 110" X 6"		1		
1.	60130844	ROD-MASTER LOCK 28"	1			
1.	60130845	ROD-MASTER LOCK 83" X 6"	1		1	
1.	52720566 (WAS 60130847)	ROD-MASTER LOCK 220" X 6"			1	1

KIT #			51720688	51720685	51720686	51720687
ITEM #	PART #	DESCRIPTION	QUANTITY			
1.	60130848	ROD-MASTER LOCK 88"			1	
1.	60130849	ROD-MASTER LOCK 170" X 6"				1
3.	60117216	BRACKET-ROD STOP	7	7	9	9
8.	60138970	BRACKET-PADLOCK (WAS 60117213)	2	2	2	2
10.	60117214	BRACKET-ROD HANGER	3	2	3	2
13.	60117775	SPROCKET	2		2	
15.	70144864	SPRING	1		1	
16.	70144865	CHAIN-ROLLER #25 STANDARD	15"		15"	
17.	51720711	HARDWARE KIT	1			
17.	51720712	HARDWARE KIT		1		
17.	51720713	HARDWARE KIT			1	
17.	51720714	HARDWARE KIT				1

99904143 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	VARIOUS	ROD-MASTER LOCK XXX" LG X 6"	AS REQ'D
2.			
3.	60117216	BRACKET-ROD STOP	AS REQ'D
4.	72601847	BOLT-CARRIAGE .31-18X1.25 SQNK SS	AS REQ'D
5.	72062167	NUT-SS .31-18 HEX NYLOC	AS REQ'D
6.	72063152	WASHER-SS .31 R FLAT WRT TYPE 304	AS REQ'D
7.	72601590	CAP SCR-SS .31-18 X 1 TRH PHH	AS REQ'D
8.	60117213	BRACKET-PADLOCK MASTER LOCK	AS REQ'D
9.	70034277	GROMMET - POLY .52 ID	AS REQ'D
10.	60117214	BRACKET-ROD HANGER MASTER LOCK	AS REQ'D
11.	70143654	COLLAR-SHAFT	AS REQ'D
12.			
13.	60117775	SPROCKET-BROWNING	AS REQ'D
14.	72060556	SET SCREW .25-20 X .25	AS REQ'D
15.	70144864	SPRING	AS REQ'D
16.	70144865	CHAIN-ROLLER #25 STANDARD	AS REQ'D
17.	VARIOUS	HARDWARE KIT (INCL 4-7,9,11,14)	AS REQ'D
REV. C 20120724			

Fuel Fill, Chevy/GMC (99903710)



99903710 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70396444	ELBOW, 90 DEG FUEL HOSE 2" (RUBBER)	2
2.	72066062	HOSE CLAMP	4
3.	60128990	TUBE	1

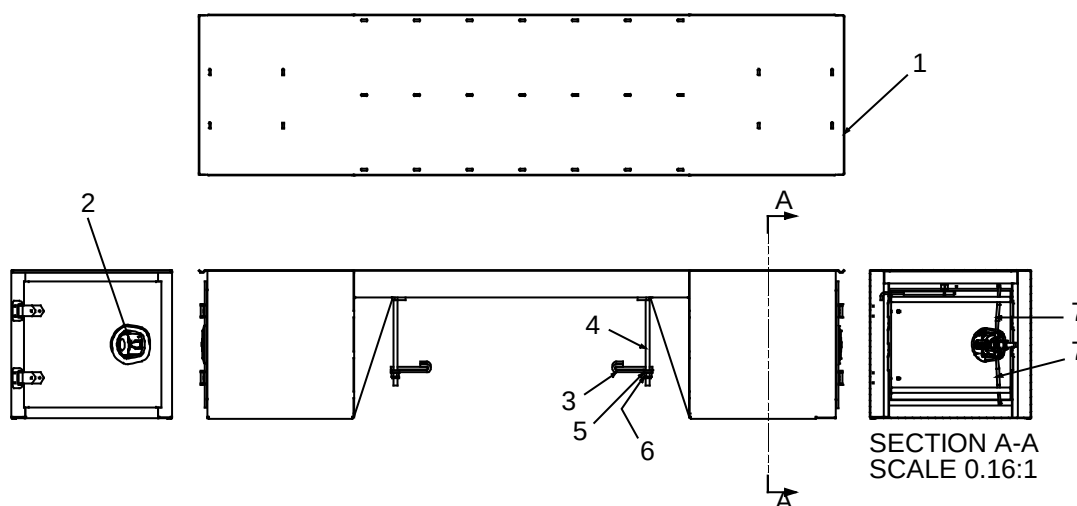
CHAPTER 9

Welder Platforms

In This Chapter

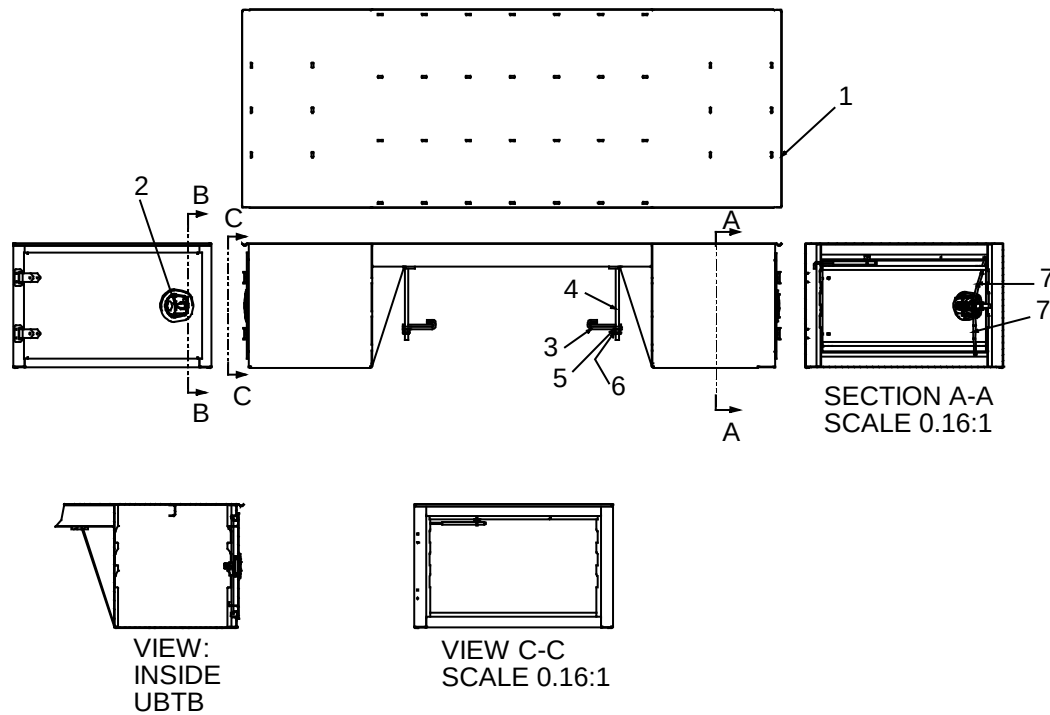
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Welder Deck, 35" Long with Streetside Tall Compartment (51720063).....	136

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



51720055 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52720056	WELDER DECK-WLDMT 35in L UBT-R UBT	1
2.	72661599	LATCH ASM-3PT DOM (II) COMPRESSION	2
3.	60108981	TIE DOWN-BODY 4.00 FRAME	4
4.	60109048	ROD-THREADED .62-11 X 14.00	4
5.	72063007	WASHER .62 FLAT	8
6.	72062091	NUT .62-11 HEX NYLOCK	8
7.	60128412	ROD-DOOR 8.12 LG W/.75" OFFSET	4
NEW 20070302			

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



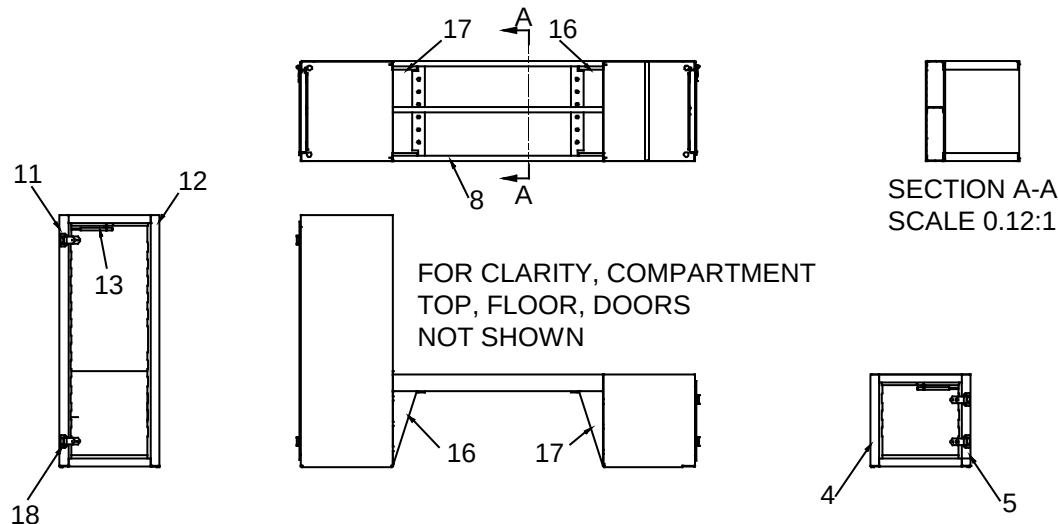
51720057 PART LIST

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

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

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

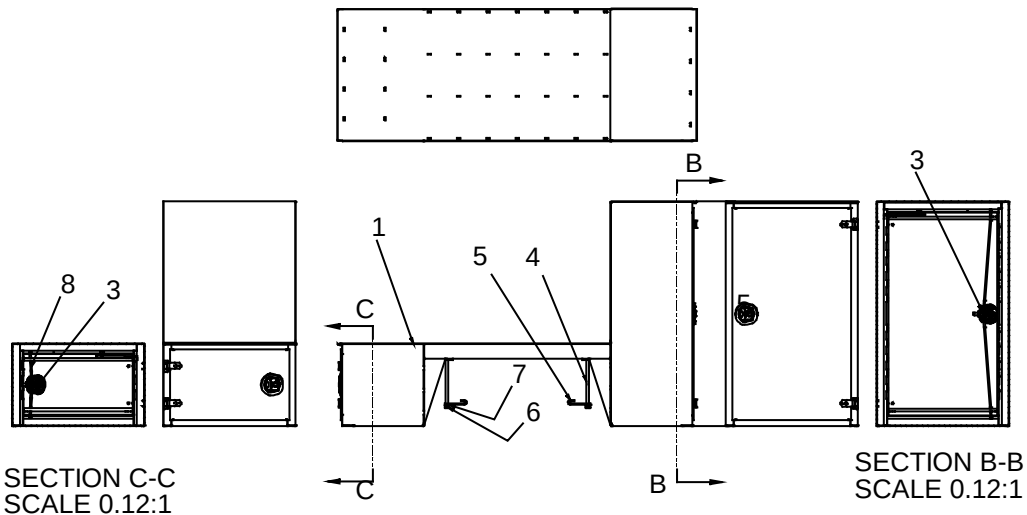
Welder Deck, 24" Long with Tall Compartment (51719952)



51719952 PARTS LIST

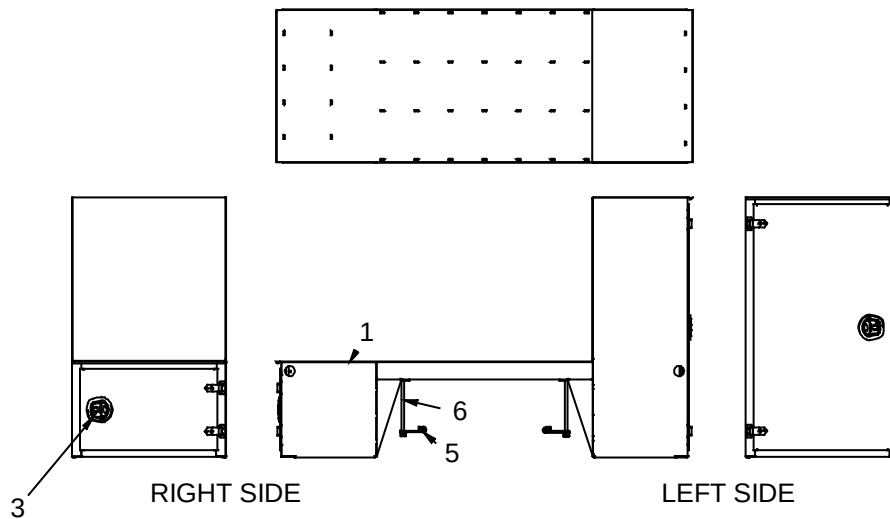
ITEM	PART #	DESCRIPTION	QUANTITY
REF	52719953	D(II)-WELDER DECK-W D2 24in L RSD-R UBT	INCL 4-28
4.	60128310	PANEL WELDER DECK UBTB RF #2	1
5.	60128312	PANEL WELDER DECK UBTB RF #1	1
8.	60128315	CHANNEL-FORM 1.24X 4.00X 50.00	3
11.	60128317	PANEL-WELDERDECK LF 60H #1	1
12.	60128318	PANEL-WELDERDECK LF 60H #2	1
13.	70144288	DOOR STOP-SELF CLOSING SPRING	2
16.	60116990	GUSSET-FRONT PANEL RH BTM D2	2
17.	60117060	GUSSET-FRONT PANEL LH BTM D2	2
18.	72661383	HINGE-SS 10GA BUTT W/IMT LOGO OFFSET	4
20.	60129361	BACK-BTM WELDER DECK RF D2 24in	1
21.	60129358	SDPK HEADER WELDER DECK 19.62	2
22.	60129362	CHANNEL-FORM 1.00X 2.00X 23.62	1
23.	60129360	MTG BAR-WLDR DECK 24in W D(II) 2	2
24.	60129357	BACK-BTM WELDER DECK LF D2 24in	1
25.	60129356	TOP WELDER DECK CARGO FLOOR UBTB- VERT COMPT 24in	1
26.	60129359	TOP-WELDER DECK RSD COMPT D2 24in	1
27.	52719954	DOOR-WLDMT HEM D(II) 18.88H X 20.50W (40	1
28.	52719092	DOOR-WLDMT HEM D(II) 56.88H X 20.50W (40	1
NEW 20070302			

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



51720061 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52720062	WELDER DECK-WLDMT 35in L UBTB-R RSD	1
3.	72661599	LATCH ASM-3PT DOM (II) COMPRESSION	2
4.	60109048	ROD-THREADED .62-11 X 14.00	4
5.	60108981	TIE DOWN-BODY 4.00 FRAME	4
6.	72062091	NUT .62-11 HEX NYLOCK	8
7.	72063007	WASHER .62 FLAT	8
8.	60128412	ROD-DOOR 8.12 LG W/.75" OFFSET	2
10.	60130297	ROD-DOOR 27.12 LG W/.75" OFFSET	2
REV. A 20070302			

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



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

CHAPTER 10

Dominator Decal Examples & Placement

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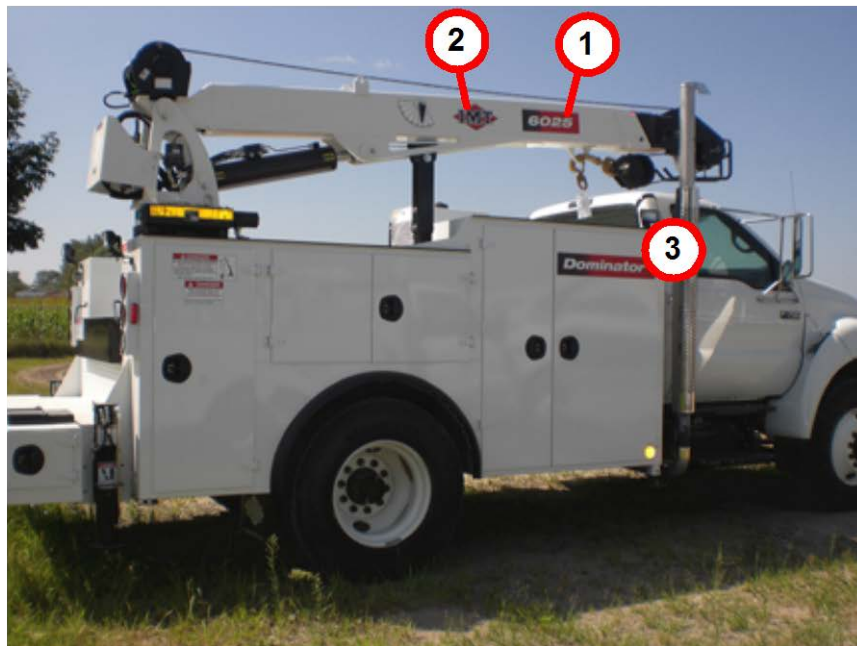
Decal List

Dominator I, II, IV, and DSC20 have many common and some unique decals. See the chart below and the decal application photos on subsequent pages for application details.

ITEM	DECAL PART NUMBER	DESCRIPTION	QUANTITY PER BODY	MODEL	NOTES
1.	70396637	DOMINATOR DECAL KIT	1	ALL	INCLUDES ITEMS 2-8
2.	70396657	DECAL-DOMINATOR IDENTIFICATION	2	ALL	
3.	70392213	DECAL-CAUTION, DON'T WASH/WAX	1	ALL	
4.	70392309	DECAL-DIESEL FUEL ONLY	2	ALL	FOR DIESEL ENGINES ONLY
5.	70392453	DECAL-UNLEADED GASOLINE ONLY	2	ALL	FOR GASOLINE ENGINES ONLY
6.	71393886	DECAL-DANGER EXPLODING TANK	1	ALL	
7.	70391601	DECAL-AIR TANK DRAIN	1	ALL	
8.	70392982	DECAL-SERVICE & REPAIR	1	ALL	
9.	70396635	DECAL-FUSE PANEL LAYOUT	1	DOM I & II	
10.	70396600	DECAL-ELECTRICAL PANEL	1	DOM I & II	
11.	70396254	DECAL-SWITCH BRACKET	1	DSC20	
12.	70396891	DECAL-ELECTRICAL PANEL	1	DOM IV	
13.	70396892	DECAL-SWITCH PANEL	1	DOM IV	
14.	70398872	MANUAL OPERATION, STABILIZER VALVEBANK (WAS 70396633 PRIOR TO 6-15-07, 70397215 FROM 6-15-07 THRU 11-30-09)	1	DOM I & II	
15.	70398873	MANUAL OPERATION, DOM IV STABILIZER VALVEBANK (WAS 70396921 THRU 11-30-09)	1	DOM IV	
16.	70397063	DECAL-HITCH, RECEIVER 2000V-16000P	1	DOM I & DSC	
17.	70397064	DECAL-HITCH, PINTLE 6000V-30000P	1	DOM II & IV	
18.	70398983	DECAL-CAUTION, WELDING DAMAGE	1	ALL	BY LIGHT BOX ON REAR OF VEHICLE

Dominator and Crane Logo Placement

Place the crane model number, item #1; IMT diamond, item #2; and Dominator ID Decal (70396657), item #3; on each side of the unit as shown.



Body Safety Decal Placement



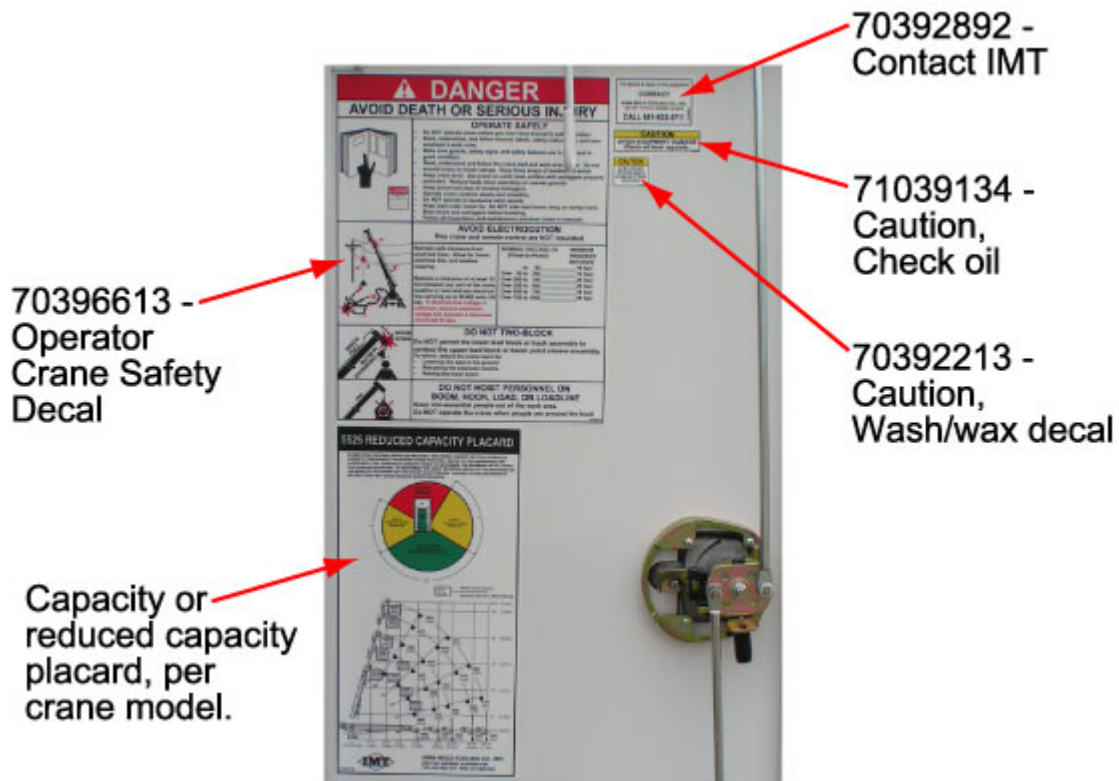
Both item #1 - 70394445, and item #2 - 70392868, are applied on all four sides of the carrier vehicle, so the operator can see the dangers regarding electrocution and the crane loadline from any point of crane operation.

Dominator Control Decal Placement



1	70396164	Decal - Danger, Breathing Hazard
2	70396635	Decal - Dominator Fuse Panel
3	70396600	Decal - Dominator Electrical Panel (Dominator I and II) (Dominator IV uses 70396891 Electrical Panel Decal)
4	70398872	Decal - Manual Operation, Stabilizer (Dominator I and II) (Dominator IV uses 70398873)

Crane Safety Decal Placement on Dominator Door



Hydraulic Oil Decal Placement



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

Fuel Tank Decal Placement

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



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

Air Tank Decal Placement



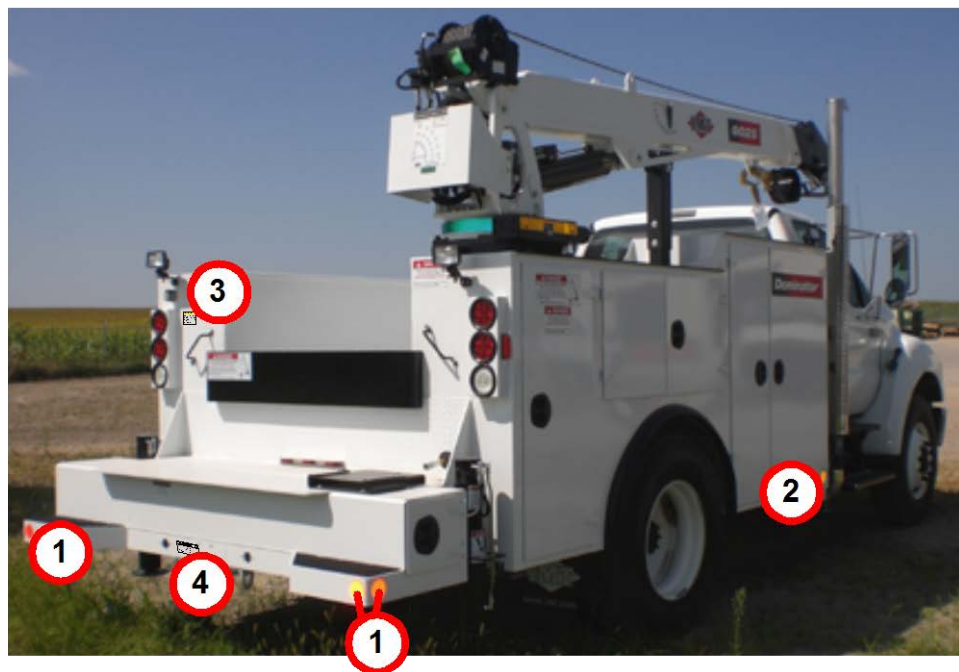
70391601- Air tank drain-
located on door where
air tank is stored.

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

Stabilizer Decal Placement



Reflector & Hitch Decal Placement





Place four red reflector decals, 70039057, item #1, at the sides and outer edges of the tailgate as shown.

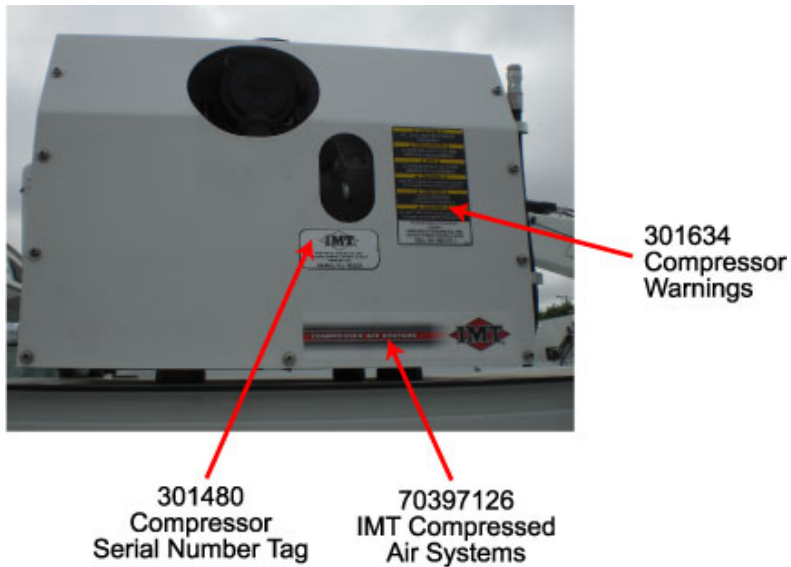
Place two amber reflector decals, 70039058, item #2, at the front of the sidepacks as shown.

Place the welding caution decal, 70398983, item #3, on the side of the light box at the left rear of the body.

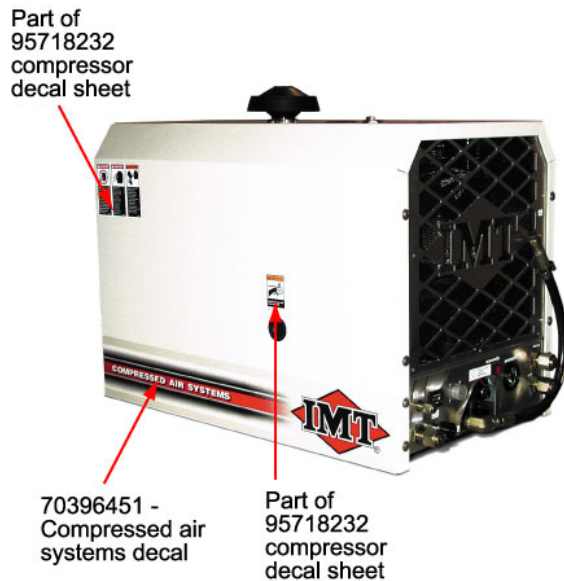
Place a hitch decal, item #4, above the hitch on the rear of the body. Typically, Dominator I, II and DSC use 70397063 - Receiver Hitch, 2000 lb tongue and 16,000 lb gross trailer weight. Typically, Dominator II and IV use 70397064 - Pintle Hitch, 6000 lb tongue and 30,000 lb gross trailer weight.

Compressor Decal Placement

Decal placement on a CAS435HA compressor:



Decal placement on a CAS3560 compressor:



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

Thread Torque Chart (English)

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

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

NOTES

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

WARNING

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

Thread Torque Chart (Metric)

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

NOTES

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

WARNING

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

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