
Manual Part # 99903759

Dominator I Parts & Specifications

Revised: December 18, 2015



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Revisions

DATE	LOCATION	DESCRIPTION
20060101		New release
20060131	INSTALLATION KITS	ECN 9939- DRAWING IMPROVEMENT TO 93714834, 93714835, 93714903, 93716276
	51719658	ECN 10045 - CHANGE TO VIEW OF FRONT PULLOUT STAB KIT (52719656)
	99903658	ECN 10030 - CHANGE TO 99903658 SHELF INSTALLATION PARTS, ECN 10065
	99903651, 99903667	ECN 10065 - EASE OF ASSEMBLY
20060307	99903658	ECN 10072 - REMOVED SHIMS; 99903083 (ECN 9000) - ADDED HOLE LOCATION FOR FLOOR WITHOUT WELDER CUTOUT
20060329	99903675	ECN 10079 - ADDED HINGES TO TELE TOP DRAWING
	51720168	ECN 10081 - LENGTHENED THREADED ROD ON RESERVOIR
	51706697, 51718848	ECN 10068 - HARDWARE CHANGE ON 51706697, NEW CAP SCREW ON 51718848
20060417	KEY CYLINDER	ECN 9899 – ADDED KEY CYLINDER REPLACEMENT INFORMATION TO BODY ASSEMBLY INFORMATION
20060523	99903651	ECN 10128 - WASHER CHANGE
	99903763	ADDED GROMMET TO ELECTRICAL KIT
	99903654, 99903667, 99903681, 99903687, 99903796	ECN 10099 - ADDED DOM 4 COMPONENTS TO DRAWINGS.
20060628	51719647, 51719649, 51718747	ADDED 71412573 PORT TUBE OPTION TO STABILIZER ASSEMBLIES.
20060712	51718848	ECN 10156 - CHANGED HARDWARE KIT IN 51718848
20060830	51718746, 51718747	CYLINDER CHANGE
	99904034	ECN 10160 - ADDED NEW ELEC INSTALLATION DWG
	99903658	ECN 10227 - CHANGED DIVIDER IN 99903658, ECN 10237 - STANDARDIZED MOUNTING HOLE LOCATIONS
	51713240	ADDED 51713240-HORIZONTAL TRAY ASSEMBLY DRAWING - TO COMPARTMENT SECTION
	99903675	ECN 10207 - UPDATE TELE TOP HARDWARE
	51719658, 51718847, 51718848	ECN 10244 - CHANGED HARDWARE ON STABILIZER & BOOM SUPPORT KITS
20060922	93714834, 93714835, 93716276	ECN 10251 - CHANGED HARDWARE ON MUD FLAP KITS ON INSTALL DWGS.
	99904034, 99904088	ECN 10254-ADDED TERMINAL & SEAL TO PARTS LIST; ECN 10198 - NEW ELEC INSTALLATION 99904088
20061017	Compartment Options	Added drawer set and individual drawer drawings. (70733765, 70733780, 70733777, 70733779, 70733772 sets; 13", 26", 39" wide drawer components.)
20061024	51720648	ECN 10268 - Added 51720648 information to reservoir drawing. (Not exported)

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.
20070111	70733798	Corrected incorrect part number.
	99904034	Added notes to drawing.
	99904080	ECN 10344 - Updated hose length.
20070306	WELDER DECKS	NEW DRAWINGS 51720049, 51720055, 51720057, 51720059, 51719952, 51720061, 51720063
20070313	CYLINDERS	ECN 10380 - New cylinders in 51719647, 51719649, 99903651.
20070528	ROLLOUT DRAWERS	ECN 10353 - New drawings for many rollout drawer sets.
20070626	99904256	ECN 10388 - New weatherstrip installation drawing. Notes on 99903654 changed to reflect new weatherstrip.
	99904261-2	ECN 10397, 10512 - New stabilizer valves. New drawings 99904261, 99904262.
20070719	99904272	ECN 10528 - NEW STAB OVERRIDE.
20070813	13", 26", 39" Drawer components	Updated drawings with purchased part numbers only.
20071004	99904280	ECN 10547 -Added 99904280 2008 mud flap installation instructions.
	Pull-Out Bin Sets	Corrected part number errors.
	99903680	ECN 10581 - Changed crane box compartment light from 77040384 to 77040509.
	51718751	ECN 10413 - Added item #17, locking pin note to cylinder drawing.
	99903766	ECN 10523 - Clamp 72661642 was 72066516.
20071115	Master lock kits	ECN 10598 - Standardized master lock hardware kits for 9', 11', and 13-14' bodies.
	51710172	Added note to vise mounting bracket.
20071218	99903665	ECN 10637 - Changed master lock installation. Also updated bracket information on 99903687.
20080218	99903658	Corrected part numbers for 56" tall divider panel.
	51714805	Added FLR installation drawing.
	Specifications	Added chassis specifications.
20080417	99904001, 51719752	Add part descriptions on door parts list, changed drawing to rev. A on 51719752.
20080616	99904403, 99904411	ECN 10746- Added stepless ear clamp install instructions, added 99904403 hydraulic installation drawing.
20080703	51721592, 99904088	ECN 10793 - New hardware in 99904088, new salvage pump assembly.
20080904	99904452	ECN 10802 - Battery relocation instructions.
	99903675	ECN 10764 - Updates to telescoping top.
20081031	99903766	ECN 10773 - Changed to single inlet hydraulic pumps.
20081215	99904080	ECN 10929 - Changed hoses, adapter in kit.
	99904562	ECN 10925 - New hydraulic installation drawing, new reservoir assembly 51721745.
20090116		Added 2006 - 2008 version of hydraulic reservoir installation 99903766. Added replacement lock set information. Added 70734343 pump parts.
20090406	99903519, 99904394	Added electric crane installation drawings.
20090630	99903712	ECN 11062 - Compressor spacing requirements. Added summary drawings to replace individual drawer and drawer set drawings.
20091210	31719659, 31719660, 51713240	Corrected stabilizer kit part numbers. ECN 11139 – 51713240 tray assembly updated.

20100325	99904261,99904262, Decal list	ECN11102-2 - Changed stabilizer manual override decal to 70398872
20100615	99904394	Updated to show 2 batteries.
20100825	99904938	Added DEF tank hoses on 2011 F550 installation information.
	Decals	ECN 11287. Updated drawings.
20101220	99904088	ECN 11315 - Electrical update to light install.
	99904994	ECN 11334 - Added note to 99904080 for Ford 4x4, added new 99904994 drawing for MY2011 Ford 4x2.
20110121	77441129	Added power panel harness drawing.
20110204	99904994	ECN 11387 - Updated flow control plumbing.
20110519	99905200	ECN 11468 - New underhood electrical bracket.
	51717200	ECN 11394 - Plumbing and tank changes in 10-gallon air tank assembly.
	99904262	ECN 11478 - Update to PO/PD stabilizer assembly.
	51709358	ECN 11407 - Reorientation of tank drain valve assembly.
20110901	51719752, 51720021	ECN 11565 - Hardware update to tank bracket assemblies.
		Added note for simultaneous operation.
20111130	99904088	ECN 11315-2 - Drawing correction.
		ECN 11628 - Update to decals, stabilizer verbiage
20120420	51718751, 3B142860	ECN 11615 - Updated cylinder drawings.
20130606	99904088	Parts listed updated per engineering markup.
20140425	99904262 99904047	ECN 11941 – Added new drawings Effective 3/29/13.
20151111	99903675	CN231-ADDED 51726711-8" TETHERED LID ASSEMBLY
20151120		Replaced missing images from document
20151218	99906023	CN197-Updated Door Latch Installation without backing plate.

CHAPTER 1

Specifications

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Specifications

SPECIFICATIONS	9-foot	11-foot
Body Rating	38,000 ft-lb	38,000 ft-lb
Body Weight	2,921 to 2,971 lb (Based on configuration)	3,297 lb to 3,447 lb (Based on configuration)
Body Width (including rain eaves)	96 in	96 in
Sidepack Height	44 in	44 in
Sidepack Depth	22 in	22 in
Cargo Deck Width	50 in	50 in
Workbench Depth	21 in	21 in
Tailgate Height	10 in	10 in
Storage Capacity (including workbench)	97.2 ft ³ to 104.2 ft ³ (Based on configuration)	120.5 ft ³ to 142.2 ft ³ (Based on configuration)
Angle of Departure	15°	15°

LH 1st Vertical	29.5"W x 38.5"H	29.5"W x 38.5"H
LH 2nd Vertical	N/A	16.5"W x 38.5"H
LH Horizontal	43.0"W x 21.0"H	44.5"W x 21.0"H
LH Rear	18.0"W x 38.5"H	18.0"W x 38.5"H
RH 1st Vertical	29.5"W x 38.5"H	29.5"W x 38.5"H
RH 2nd Vertical	N/A	16.5"W x 38.5"H
RH Horizontal	43.0"W x 21.0"H	44.5"W x 21.0"H
RH Rear	18.0"W x 38.5"H	18.0"W x 38.5"H

Standard Configurations

9-foot body	44" standard left-hand and right-hand sidepacks
	Right front raised* to 60"
11-foot body	44" standard left-hand and right-hand sidepacks
	Right front raised* to 60"
	Left front raised* to 60"
	Right and left front raised* to 60".
* Includes 1st and 2nd vertical compartments.	

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 Weights

9 ft RH & LH standard	2,921 lb
9 ft RF raised	2,971 lb
11 ft RH & LH standard	3,297 lb
11 ft RF raised	3,372 lb
11 ft LF raised	3,372 lb
11 ft RF & LF raised	3,447 lb

Body Sub-Structure

Patent pending inverted A-frame design constructed of 12-gauge galvanized material with integral crane box, front stabilizer receptacles and rear stabilizer housing.

Electrical System

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

Doors

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

Storage Capacity

9 ft RH & LH standard	97.2 ft ³
9 ft RF raised	104.2 ft ³
11 ft RH & LH standard	120.5 ft ³
11 ft RF raised	131.3 ft ³
11 ft LF raised	131.3 ft ³
11 ft RF & LF raised	142.2 ft ³

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. Compartment pressurization system
4. Manual and hydraulic stabilizers	9. Air systems
5. Workbench vises and vise plates	10. Telescopic cranes up to 38,000 ft-lb

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"

Simultaneous Operation on Ford F450/550

NOTE:

On an Ford F450 or F550 chassis, when the crane is under operating near maximum capacity, there may be insufficient transmission output to operate the crane and compressor simultaneously. The crane and compressor must be operated individually until the crane load moment is reduced. If both systems are operated simultaneously with the crane near maximum capacity, the compressor may unexpectedly slow down or cease operation.

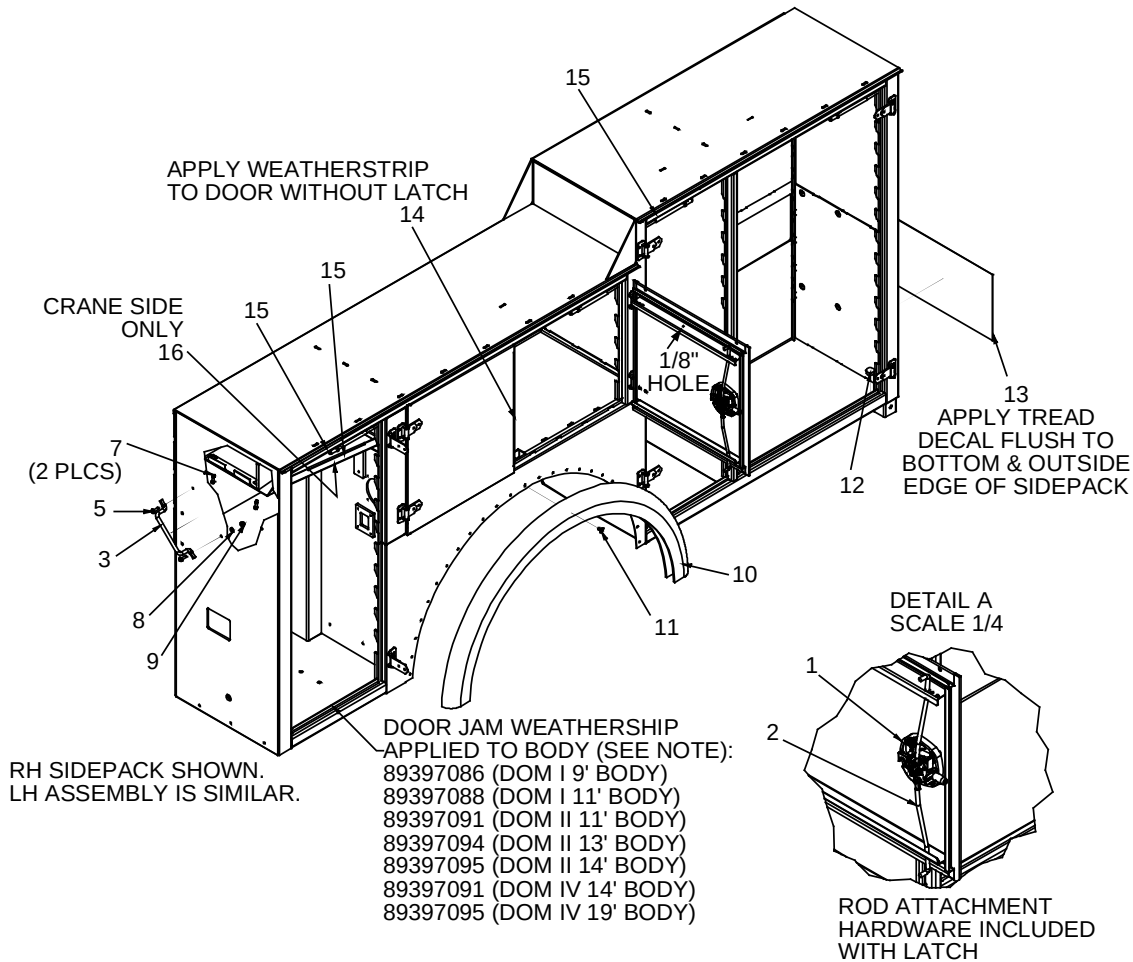
CHAPTER 2

Assemblies & Installation

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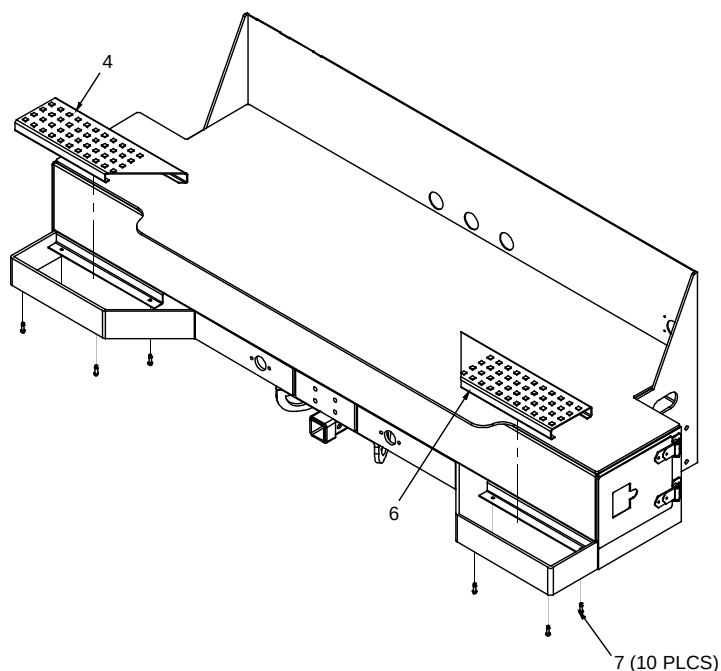
Body Assembly (99903654)



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.

MODEL	WEATHERSTRIP PART # FOR DOORS WITHOUT 1/8" HOLE IN BRACE (PRIOR TO 6-15-07)	WEATHERSTRIP PART # FOR DOORS WITH 1/8" HOLE IN BRACE (AS SHOWN IN DRAWING) (POST 6-15-07)
DOMINATOR I 9'	70393684	89397086
DOMINATOR I 11'	70393684	89397088
DOMINATOR II 11'	89395459	89397091
DOMINATOR II 13'	89395462	89397094
DOMINATOR II 14'	89395462	89397095
DOMINATOR IV 14'	89395459	89397091
DOMINATOR IV 19'	89395462	89397095



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.	60140037	STEP GRIP STRUT LH (WAS 60126311)	1
5.	72601590	CAP SCR-SS .31-18X1.00 TRH PHH	4
6.	60140038	STEP GRIP STRUT RH (WAS 60126312)	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.	89396599	FENDER RUBBER (DOM 2,3)	2
10.	60396773	FENDER RUBBER (DOM 1)	2
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.	60116698	DRIP TRAY (DOM 1 & 2)	1
16.	60129777	DRIP TRAY (DOM 4)	1
REV. F 20070626			

NOTE: FEATURES SHOWN ARE NOT AVAILABLE ON ALL MODELS. CHECK SPECIFICATIONS OR WITH YOUR IMT DISTRIBUTOR FOR MORE INFORMATION.

Body Components

Body Description	Body Assembly Part #
DOMINATOR I BODY-11' RIGHT RAISED COMPARTMENTS 1-2/ LEFT STANDARD	51719918
DOMINATOR I BODY-11' RIGHT STANDARD / LEFT STANDARD	51719919
DOMINATOR I BODY-11' RIGHT RAISED COMPARTMENTS 1-2/ LEFT RAISED COMP. 1-2	51719920
DOMINATOR I BODY-11' RIGHT STANDARD / LEFT RAISED COMP. 1-2	51719921
DOMINATOR I BODY-9' RIGHT RAISED COMPARTMENTS 1-2/ LEFT STANDARD	51719922
DOMINATOR I BODY-9' RIGHT STANDARD/ LEFT STANDARD	51719923

Component Part #	Component Description	Body Assembly Part #					
		51719918	51719919	51719920	51719921	51719922	51719923
99903654	DRAWING- DOMINATOR BASE BODY ASM	1	1	1	1	1	1
99903767	DRAWING- DOOR ASSY	1	1	1	1	1	1
60130297	ROD-DOOR 27.12 LG W/.75" OFFSET	4	0	8	4	2	0
60130298	ROD-DOOR 23.12 LG W/.75" OFFSET	8	12	4	8	6	8
60127636	ROD-DOOR 14.38 LG W/.75" OFFSET	0	0	0	0	0	0
60127447	ROD-DOOR 10.38 LG W/.75" OFFSET	4	4	4	4	4	4
70034366	PLUG-PLSTC BUTTON BP-1-1/8	8	8	8	8	6	6
72661599	LATCH ASM-3PT COMPRESSION	10	10	10	10	8	8
70393684	WEATHERSTRIP-108ft ROLL .62X.50	1	1	1	1	0	0
89395456	WEATHERSTRIP- 88ft ROLL .62X.50	0	0	0	0	1	1
89393638	WEATHERSTRIP- .75X.38 TRIM-LOC X119	4	4	4	4	4	4
89396626	EDGING-PLASTIC BLK	22	22	22	22	18	18
60396773	FENDER RUBBER	2	2	2	2	2	2
72060833	SCR-THRD.CUT .31-18X.75 HWH-1 (for step)	8	8	8	8	8	8
51716326	KIT-HRDW DOM CRANE DRIP TRAY	1	1	1	1	1	1
60140038	STEP GRIP STRUT RH (BLACK) (WAS 60126312)	1	1	1	1	1	1
60140037	STEP GRIP STRUT LH (BLACK) (WAS 60126311)	1	1	1	1	1	1
70396637	DECAL KIT-OUTSIDE	1	1	1	1	1	1
72661467	HANDLE-BODY BOLT ON 7.0X2.5BLK	2	2	2	2	2	2
91719754	MANUAL-DOM 1(II) W/BIND	1	1	1	1	1	1
60116698	DRIP TRAY-CRANE COMPT DOM	1	1	1	1	1	1
60350056	TREAD-SHUR STEP 12"X 21 in.	2	2	2	2	2	2
51716366	KIT-HRDW DOM RIVET/GRAB HANDLE	1	1	1	1	1	1
51719004	ELEC KIT-DOM2 (II) BASE KIT (CHASSIS)	1	1	1	1	1	1
51719742	ELEC KIT-DOM2 (II) BASE KIT (BODY)	1	1	1	1	1	1
77441125	HARNESS-DOM (II) 9' FRT JUMPER	0	0	0	0	2	2
77441126	HARNESS-DOM (II) 11' FRT JUMPER	2	2	2	2	0	0
REV 20120918							

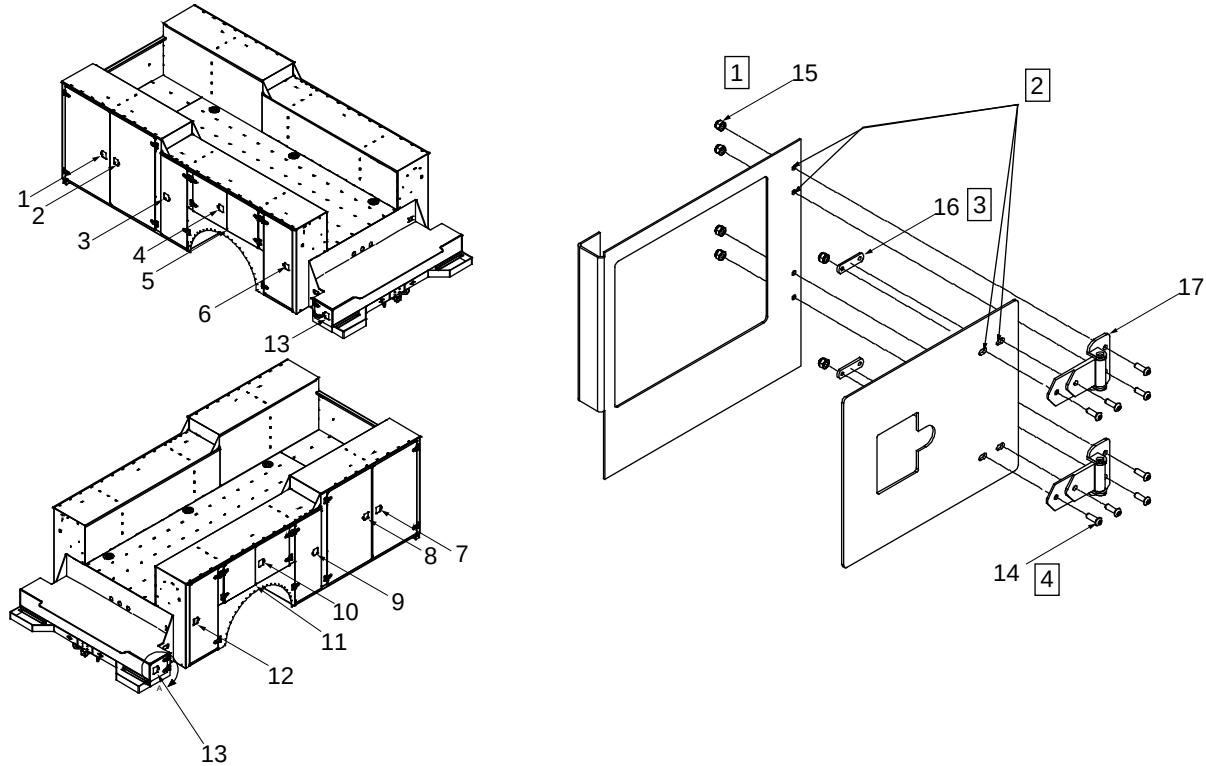
KEY CYLINDER REPLACEMENT: The Dominator service vehicle uses door latch assembly 72661599 on all compartment doors. Upon installation, the latch assemblies have a common key cylinder, part number 72661608. However, the key cylinders can be changed so compartments use different keys. This feature allows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

Dominator I/DSC12 Door Assembly (99903767)



NOTES:

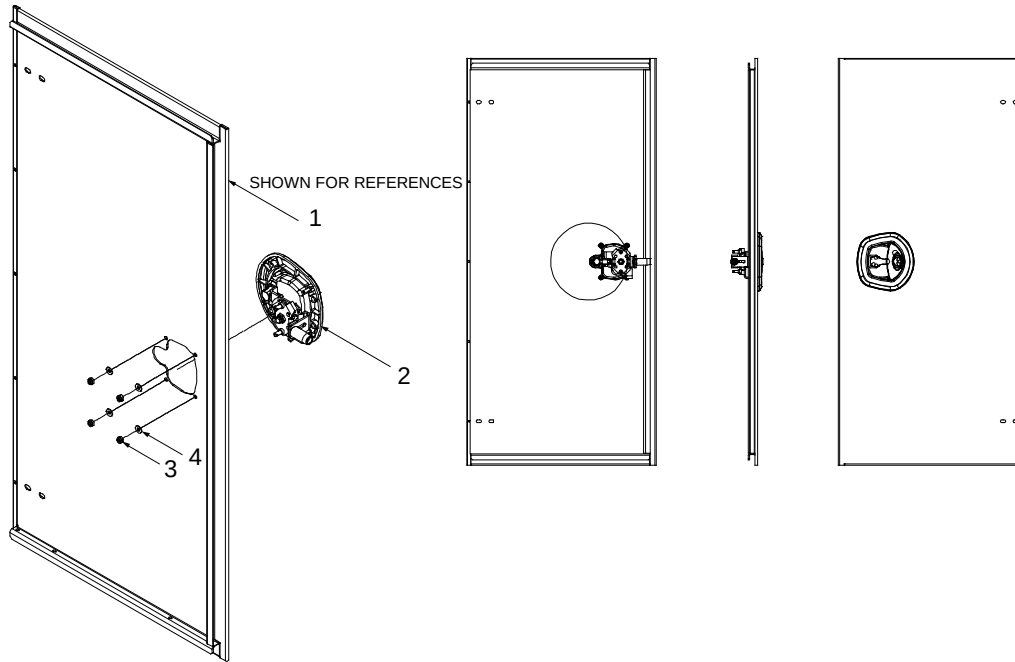
1. 3 PER HINGE
2. BEFORE ASSY-APPLY LOC-TITE 515 AROUND EACH HOLE
3. 1 PER HINGE
4. 4 PER HINGE

ITEM	LOCATION	BODY	44" DOM 1 /DSC20	52" DSC /DOMCS	60" DSC /DOMCS	60" DOM 1 /DSC20
1	LEFT VERT 1	ALL	52719669	52718711	N/A	52718715
2	LEFT VERT 2	11'	52719668	52719739	N/A	52719666
2	LEFT VERT 2	13'	N/A	N/A	N/A	N/A
2	LEFT VERT 2	14'	N/A	N/A	N/A	N/A
3	LEFT VERT 3	13' & 14'	N/A	N/A	N/A	N/A
4	LEFT HORIZ W/LATCH	11', 13', 14'	52718727	52719090	N/A	N/A
4	LEFT HORIZ W/LATCH	9'	52719894	N/A	N/A	N/A
5	LEFT HORIZ W/O LATCH	11', 13', 14'	52711426	52719091	N/A	N/A
5	LEFT HORIZ W/O LATCH	9'	52719895	N/A	N/A	N/A
6	LEFT REAR	ALL	52719667	52718726	N/A	52719092
7	RIGHT VERT 1	ALL	52719669	52719741	52721708	52718715
8	RIGHT VERT 2	11'	52719668	52720926	52722345	52719666
8	RIGHT VERT 2	13'	N/A	N/A	N/A	N/A
8	RIGHT VERT 2	14'	N/A	N/A	N/A	N/A

ITEM	LOCATION	BODY	44" DOM 1 /DSC20	52" DSC /DOMCS	60" DSC /DOMCS	60" DOM 1 /DSC20
9	RIGHT VERT 3	13' & 14'	N/A	N/A	N/A	N/A
10	RIGHT HORIZ W/LATCH	11', 13', 14'	52718727	52719090	N/A	N/A
10	RIGHT HORIZ W/LATCH	9'	52719894	N/A	N/A	N/A
11	RIGHT HORIZ W/O LATCH	11', 13', 14'	52711426	52719091	N/A	N/A
11	RIGHT HORIZ W/O LATCH	9'	52719895	N/A	N/A	N/A
12	RIGHT REAR	ALL	52719667	52718726	N/A	N/A
13	WORKBENCH	ALL	60129178	60129178	60129178	60129178
14	SCREW-MACH .25-20X .75 TRHTORXSS (4 PER HINGE)	ALL	72601652	72601652	72601652	72601652
15	NUT-SS .25-20 NYLOC (3 PER HINGE)	ALL	72062194	72062194	72062194	72062194
16	WELD NUT .25-20 (1 PER HINGE)	ALL	72062264	72062264	72062264	72062264
17	HINGE-SS 10GA BUTT	ALL	72661383	72661383	72661383	72661383
REV B 20090430						

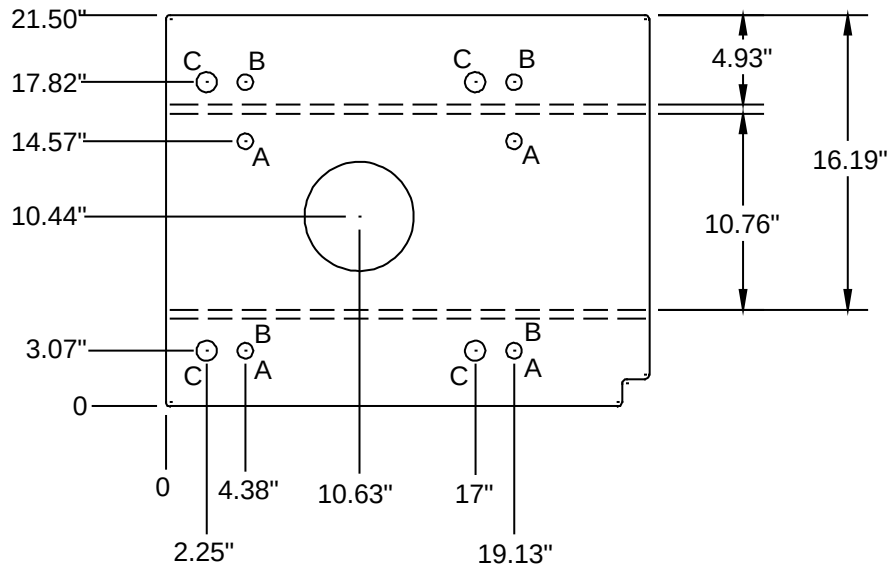
NOTE: Not all body sizes are available in all models. Check the model specifications for appropriate sizes.

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.

Dominator I Crane Installation Hole Pattern (99903339)

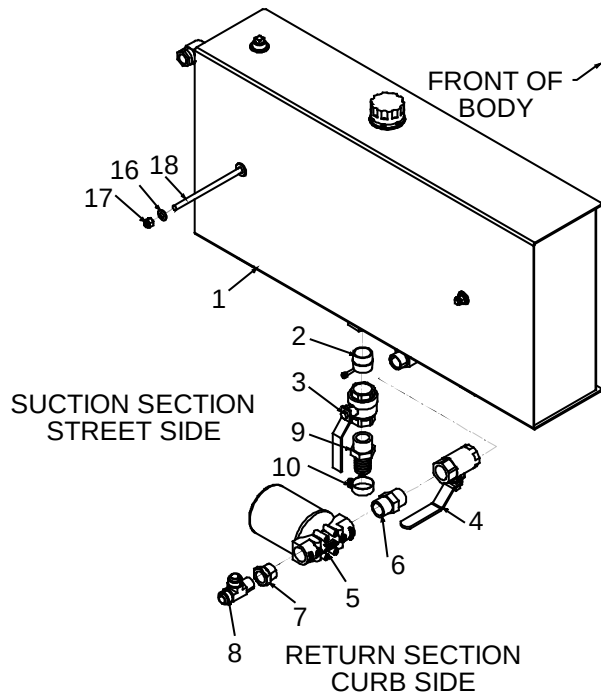
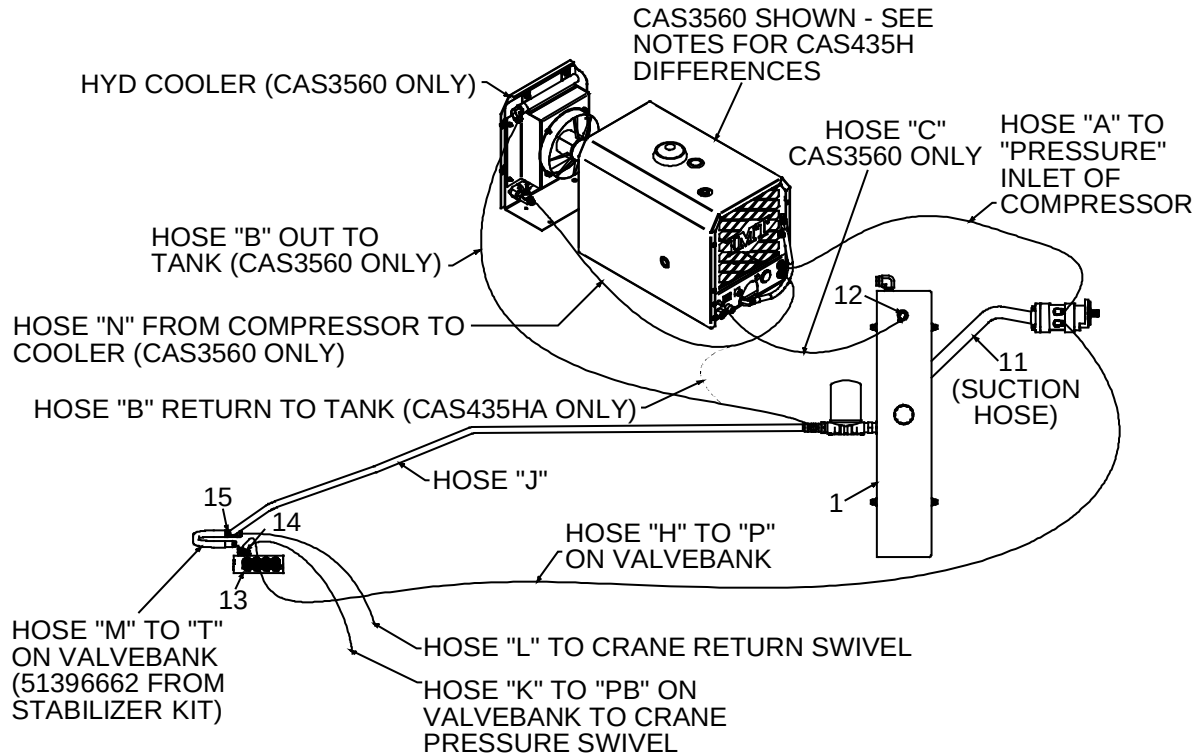


HOLE INDEX PER CRANE MODEL:

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

REV. H 20090609

Hydraulic Installation (99904562) (Eff. 12-15-08)



99904562 HOSE IDENTIFICATION CHART	
A	COMPRESSOR PRESSURE HOSE
B	COMPRESSOR TO TANK
C	COMPRESSOR CASE DRAIN
H	CRANE PRESSURE
J	CRANE RETURN TO TANK
K	CRANE PRESSURE EXT
L	CRANE TANK EXT
M	STABILIZER VALVEBANK RETURN (FROM STABILIZER KIT)
N	COOLER INLET

99904562 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51721745	RESERVOIR ASSEMBLY	1
2.	72053251	NIPPLE-PIPE BLK 1.50X CLOSE	1
3.	73054379	VALVE-BALL 1.50	1
4.	73054232	VALVE-BALL 1.25	1
5.	73052091	FILTER-HYD RET 10MIC 1.25 NPTF	1
6.	72053729	ADPTR-MPT/HEX/MPT 1.25 1.25	1
7.	72531837	REDUCER BUSH-STL 1.25-1.00	A/R
8.	72533564	ADPTR-MPT/M JIC 1.25 16	A/R
8.	72534411	TEE-MALE RUN 1 MPT X 1 JIC	A/R
9.	SEE CHART	HOSEBARB-STRAIGHT	1
10.	SEE CHART	CLAMP-HOSE T-BOLT	2
11.	89393401	HOSE-HYD 1.25 100R4	A/R
11.	89397483	HOSE-HYD 1.50 SUCTION	A/R
12.	72534410	ELBOW-MPT/90/M JIC .75 6	A/R
13.	73734228	VALVE BANK 2 SEC (MAN OUT/HYD DOWN)	1
13.	73734229	VALVE BANK 3 SEC (HYD OUT/HYD DOWN)	1
14.	72532739	ADPTR-M JIC/M JIC 8 8 (MANUAL STABILIZERS)	1
14.	72532358	ADPTR-M STR/M JIC 8 8 (HYD STABILIZERS)	3
15.	72532855	ADPTR-M JIC/M JIC 12 12 (MAN STABILIZERS)	1
15.	72532695	TEE-MALE JIC 1.06-12 .75 TUBE (HYD STABILIZERS)	1
16.	72063005	WASHER .50 FLAT	4
17.	72062080	NUT .50-13 HEX NYLOCK	4
18.	60129786	ROD-THREADED .50-13 X 11.50	2
NEW 20081215			

HYDRAULIC INSTALLATION COMPONENTS - UNITS WITH WELDER DECKS (99904562) (EFF 12-15-08)						
	INSTALLATION KIT	93719799	93719800	93719801	93719802	93719803
	HOSE KIT	51719789	51719790	51719791	51719792	51719793
	APPLICATION	CRANE WITH WELDER DECK	CAS435HA COMP. WITH WELDER DECK	CAS3560 WITH WELDER DECK	CRANE, CAS435HA WITH WELDER DECK	CRANE, CAS3560 WITH WELDER DECK
A	COMP PRESSURE HOSE ASSEMBLY			51396651 (1)	51396211 (1)	51396651 (1)
B	COMP TANK HOSE ASSEMBLY		51396823 (1)	51396752 (1)	51396823 (1)	51396752 (1)
C	COMP CASE DRAIN HOSE ASSEMBLY			51396845 (1)		51396845 (1)
H	CRANE PRESSURE HOSE ASSEMBLY	See chart B (1)			See chart B (1)	See chart B (1)
J	CRANE RETURN TO TANK HOSE ASSEMBLY	See chart B (1)			See chart B (1)	See chart B (1)
K	CRANE PRESSURE HOSE ASSEMBLY	51394524 (1)			51394524 (1)	51394524 (1)
L	CRANE TANK HOSE ASSEMBLY	51396661 (1)			51396661 (1)	51396661 (1)
N	COOLER INLET HOSE ASSEMBLY				51396747 (1)	51396747 (1)
7	REDUCER BUSHING				72531837 (1)	72531837 (1)
8	FITTING	72533564 (1)	72533564 (1)	72533564 (1)	72534411 (1)	72534411 (1)
9	HOSEBARB-STRAIGHT	72534571 (1)	72534571 (1)	72534571 (1)	72531552 (1)	72531552 (1)
10	CLAMP-HOSE	72661642 (2)	72661642 (2)	72661642 (2)	72661656 (2)	72661656 (2)
12	ELBOW-CASE DRAIN			72534410 (1)		72534410 (1)
CA	COMP AIR FITTING			72053458 (1)		72053458 (1)
CA	COMP AIR FITTING			72053556 (1)		72053556 (1)
CA	COMP AIR FITTING		72531547 (1)		72531547 (1)	
CH	COMP HYD FITTING		72534435 (1)		72534435 (1)	
CH	COMP HYD FITTING		72053766 (1)		72053766 (1)	

HYDRAULIC INSTALLATION COMPONENTS - UNITS WITHOUT WELDER DECKS (99904562) (EFF 12-15-08)						
	INSTALLATION KIT	93719794	93719795	93719796	93719797	93719798
	HOSE KIT	51719784	51719785	51719786	51719787	51719788
	APPLICATION	CRANE W/O WELDER DECK	CAS435HA W/O WELDER DECK	CAS3560 W/O WELDER DECK	CRANE, CAS435HA W/O WELDER DECK	CRANE, CAS3560 W/O WELDER DECK
A	COMP PRESSURE HOSE ASSEMBLY			51395433 (1)51396502 (1)	51395433 (1)	51396502 (1)
B	COMP TANK HOSE ASSEMBLY		51396823 (1)	51396752 (1)	51396823 (1)	51396752 (1)
C	COMP CASE DRAIN HOSE ASSEMBLY				51396845 (1)	51396845 (1)
H	CRANE PRESSURE HOSE ASSEMBLY	See chart B (1)			See chart B (1)	See chart B (1)

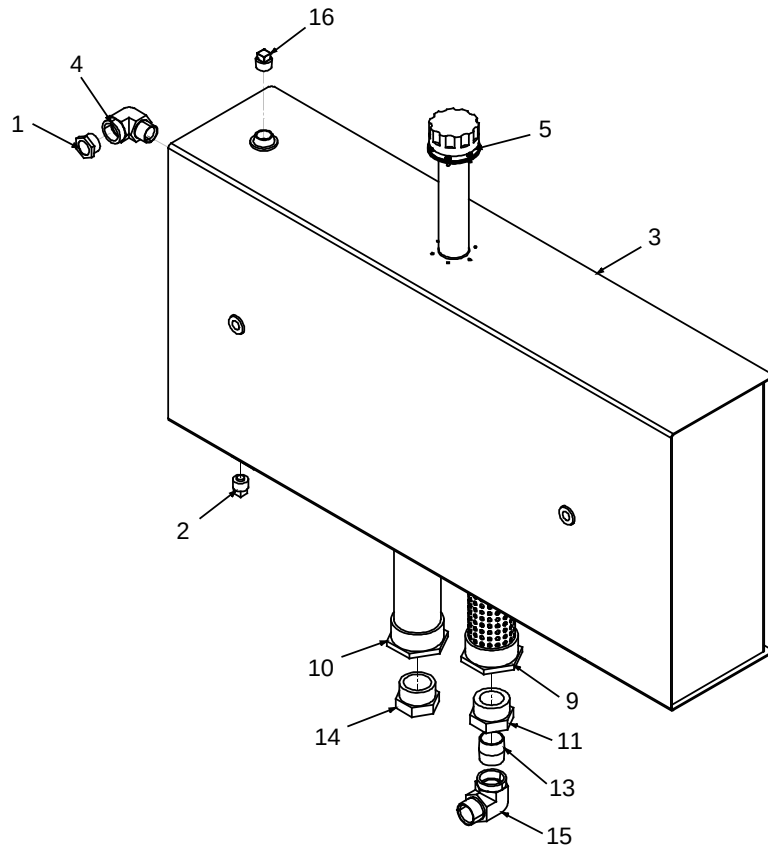
J	CRANE RETURN TO TANK HOSE ASSEMBLY	See chart B (1)			See chart B (1)	See chart B (1)
K	CRANE PRESSURE HOSE ASSEMBLY	51394524 (1)			51394524 (1)	51394524 (1)
L	CRANE TANK HOSE ASSEMBLY	51396661 (1)			51396661 (1)	51396661 (1)
N	COOLER INLET HOSE ASSEMBLY				51396747 (1)	51396747 (1)
7	REDUCER BUSHING				72531837 (1)	72531837 (1)
8	FITTING	72533564 (1)	72533564 (1)	72533564 (1)	72534411 (1)	72534411 (1)
9	HOSEBARB-STRAIGHT	72534571 (1)	72534571 (1)	72534571 (1)	72531552 (1)	72531552 (1)
10	CLAMP-HOSE	72661642 (2)	72661642 (2)	72661642 (2)	72661656 (2)	72661656 (2)
12	ELBOW-CASE DRAIN			72534410 (1)		72534410 (1)
CA	COMP AIR FITTING			72053458 (1)		72053458 (1)
CA	COMP AIR FITTING			72053556 (1)		72053556 (1)
CA	COMP AIR FITTING		72531547 (1)		72531547 (1)	
CH	COMP HYD FITTING		72534435 (1)		72534435 (1)	
CH	COMP HYD FITTING		72053766 (1)		72053766 (1)	

CHART B - PRESSURE & RETURN HOSES, BY BODY LENGTH

	9' BODY	9' BODY WITH WELDER DECK	11' BODY	11' BODY WITH WELDER DECK
H -- CRANE PRESSURE HOSE	51395711	51394421	51396239	51396721
J -- CRANE RETURN TO TANK HOSE	51396830	51396643	51396643	51396831

NOTE: QUANTITY SHOWN IN PARENTHESES (). NOT ALL BODY SIZES ARE AVAILABLE FOR ALL MODELS. CHECK THE MODEL SPECIFICATIONS FOR THE APPROPRIATE SIZES.

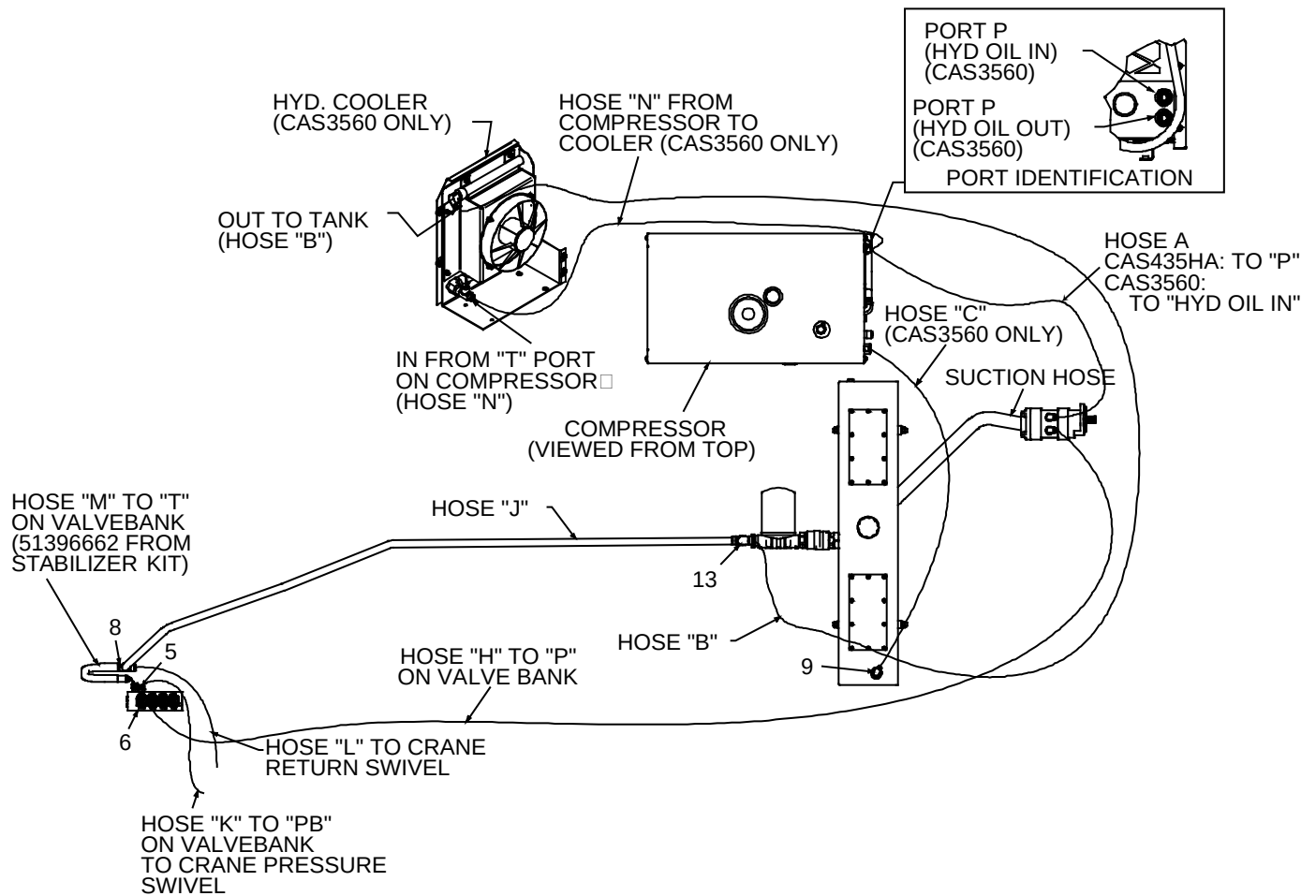
Hydraulic Reservoir (51721745) (Eff. 12-15-08)

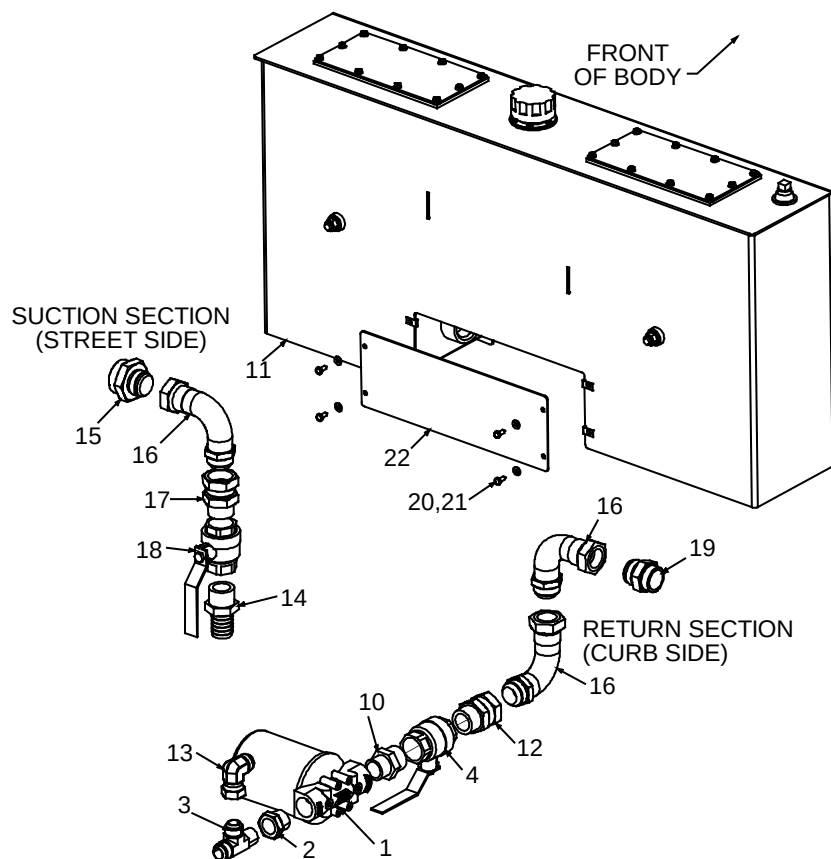


51721745 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	73052138	SIGHT GAUGE- 1.00 PLUG W/ REFLECTOR	1
2.	73052001	PLUG-PIPE MAGNETIC .75NPT SQHD	1
3.	52721746	WELDMENT, HYD RESERVOIR	1
4.	72531134	ELBOW-STREET STL 1.00 X 90 DEG	1
5.	71412010	FILL-BREATHER BAYONET	1
9.	73052139	DIFFUSER-INTERNAL 55 GPM 3.00NPT 2.00NPT	1
10.	73052140	STRAINER-INTERNAL 50 GPM 3.00NPT 2.00NPT	1
11.	72053579	REDUCER BUSH-BLK 2.00-1.25	1
13.	72053211	NIPPLE-PIPE BLK 1.25X CLOSE	1
14.	72534398	REDUCER BUSH-STL 2.00-1.50	1
15.	72531135	ELBOW-STREET STL 1.25 X 90 DEG	1
16.	72053415	PLUG-PIPE SQ HD STL .75	1
REV. B 20081215			

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

Hydraulic Installation (99903766) (Thru 12-15-08)





NOTES:

1 ITEMS 23, 24 ARE REQUIRED FOR 1-1/4" SUCTION LINE.

HOSE IDENTIFICATION CHART

A	COMPRESSOR PRESSURE
B	COMPRESSOR TANK
C	COMPRESSOR CASE DRAIN
F	STRAINER TO PUMP
G	STRAINER TO PUMP
H	CRANE PRESSURE
J	CRANE RETURN TO TANK
K	CRANE PRESSURE EXT
L	CRANE TANK EXT
M	STABILIZER VALVEBANK RETURN (FROM STABILIZER KIT)
N	COOLER INLET

CHART B: CRANE PRESSURE & RETURN TO TANK HOSES

	9' BODY	9' WITH WELDER DECK	11' BODY	11' WITH WELDER DECK	13' & 14' BODY	13' & 14' WITH WELDER DECK
H	51395711	51394421	51396239	51396721	51396721	51396722
J	51396830	51396830	51396643	51396643	51396831	51396831

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.	51719773	D(II)- RESERVOIR ASM D1 30 GAL	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 INSTALLATION COMPONENTS-UNITS WITH WELDER DECKS (99903766) (THRU 12-15-08)								
	INSTALLATION KIT	93719799	93719800	93719801	93719882	93719802	93719884	93719803
	HOSE KIT	51719789	51719790	51719791	51719883	51719792	51719885	51719793
	APPLICATION	CRANE WITH WELDER DECK	CAS435HA WITH WELDER DECK	CAS3560 WITH WELDER DECK	CR/CAS435 WITH WELDER DECK D1 FORD AUTO	CRANE CAS435HA WITH WELDER DECK	CR/CAS WITH WELDER DECK FORD MANUAL	CRANE CAS3560 WITH WELDER DECK
A	COMP PRESSURE HOSE ASSEMBLY		51396211 (1)	51396651 (1)	51396211 (1)	51396211 (1)	51396651 (1)	51396651 (1)
B	COMP TANK HOSE ASSEMBLY		51397028 (1) (WAS 51396823)	51396752 (1)	51397028 (1) (WAS 51396823)	51397028 (1) (WAS 51396823)	51396752 (1)	51396752 (1)
C	COMP CASE DRAIN HOSE ASSEMBLY			51396994 (1) (WAS 51396845)			51396994 (1) (WAS 51396845)	51396994 (1) (WAS 51396845)
F	STRAINER TO PUMP HOSE	NOT USED (WAS 51396649)	NOT USED (WAS 51396649)		NOT USED (WAS 51396649)			NOT USED (WAS 51396649)

HYDRAULIC INSTALLATION COMPONENTS-UNITS WITH WELDER DECKS (99903766) (THRU 12-15-08)								
	INSTALLATION KIT	93719799	93719800	93719801	93719882	93719802	93719884	93719803
G	STRAINER TO PUMP HOSE			NOT USED (WAS 51396648)		NOT USED (WAS 51396648)	NOT USED (WAS 51396648)	NOT USED (WAS 51396648)
H	CRANE PRESSURE HOSE ASSEMBLY	See chart B (1)			See chart B (1)	See chart B (1)	See chart B (1)	See chart B (1)
J	CRANE RETURN TO TANK HOSE ASSEMBLY	See chart B (1)			See chart B (1)	See chart B (1)	See chart B (1)	See chart B (1)
K	CRANE PRESSURE HOSE ASSEMBLY	51394524 (1)			51394524 (1)	51394524 (1)	51394524 (1)	51394524 (1)
L	CRANE TANK HOSE ASSEMBLY	51396661 (1)			51396661 (1)	51396661 (1)	51396661 (1)	51396661 (1)
N	COOLER INLET HOSE ASSEMBLY			51396747 (1)			51396747 (1)	51396747 (1)
18	REDUCER BUSH	72531838 (1)	72531838 (1)	72531838 (1)				
21	REDUCER BUSH				72531837 (1)	72531837 (1)	72531837 (1)	72531837 (1)
22	FITTING	72533564 (1)	72533564 (1)	72533564 (1)	72534411 (1)	72534411 (1)	72534411 (1)	72534411 (1)
23	SUCTION TEE							
24	ELBOW-RETURN							
25	HOSEBARB-STRAIGHT	72531550 (1)	72531550 (1)	72531550 (1) (WAS 72531552)	72531552 (1) (WAS 72531550)	72531552 (1)	72531552 (1)	72531552 (1) (WAS 72531551)
26	CLAMP 1.50				72661656 (2)	72661656 (2) (WAS 72066517)	72661656 (2) (WAS 72066517)	72661656 (2) (WAS 72066517)
27	HOSEBARB-ELBOW							NOT USED (WAS 72532346)
28	CLAMP 1.25	72661642 (2)	72661642 (2)	72661642 (2)	NOT USED (WAS 72661642)			NOT USED (WAS 72661642)
29	ELBOW-CASE DRAIN			72534410 (1)			72534410 (1)	72534410 (1)
CA	COMP AIR FITTING		72053725 (1) (WAS 72531547)	72053458 (1)	72053725 (1) (WAS 72531547)	72053725 (1) (WAS 72531547)	72053458 (1)	72053458 (1)
CA	COMP AIR FITTING		72531101 (1)	72053556 (1)	72531101 (1)	72531101 (1)	72053556 (1)	72053556 (1)
CA	COMP AIR FITTING		72531547 (1)		72531547 (1)	72531547 (1)		
CH	COMP HYD FITTING		72534435 (1)		72534435 (1)	72534435 (1)		
CH	COMP HYD FITTING		72534371 (1) (WAS 72053766)	72053556 (1)	72534371 (1) (WAS 72053766)	72534371 (1) (WAS 72053766)	72053556 (1)	72053556 (1)
CH	COMP HYD FITTING		72532739 (1)		72532739 (1)	72532739 (1)		
CH	COMP HYD FITTING		72053766 (1)		72053766 (1)	72053766 (1)		
CH	COMP HYD FITTING		72532658 (1)		72532658 (1)	72532658 (1)		

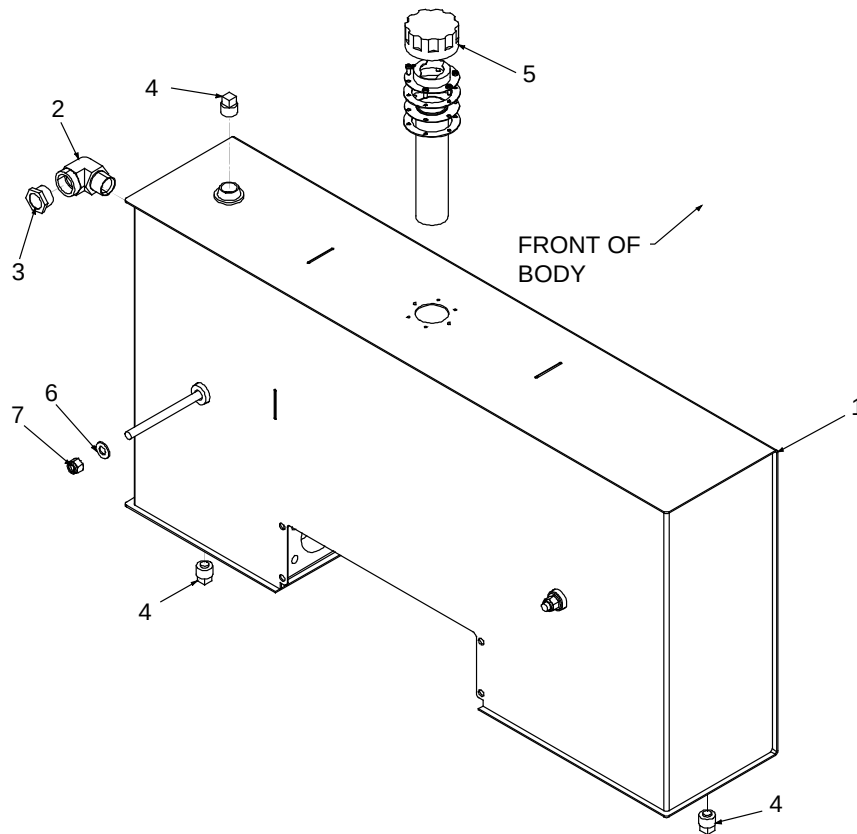
NOTE: QUANTITY SHOWN IN PARENTHESES (). NOT ALL BODY SIZES ARE AVAILABLE FOR ALL MODELS. CHECK THE MODEL SPECIFICATIONS FOR THE APPROPRIATE SIZES.

HYDRAULIC INSTALLATION COMPONENTS-UNITS WITHOUT WELDER DECKS (99903766) (THRU 12-15-08)								
	INSTALLATION KIT	93719794	93719795	93719796	93719878	93719797	93719880	93719798
	HOSE KIT	51719784	51719785	51719786	51719879	51719787	51719881	51719788
	APPLICATION	CRANE WITHOUT WELDER DECK	CAS435HA WITHOUT WELDER DECK	CAS3560 WITHOUT WELDER DECK	CR/CAS435 WITHOUT WELDER DECK D1 FORD AUTO	CRANE CAS435HA WITHOUT WELDER DECK	CR/CAS WITHOUT WELDER DECK FORD MANUAL	CRANE CAS3560 WITHOUT WELDER DECK
A	COMP PRESSURE HOSE ASSEMBLY		51395433 (1)	51396502 (1)	51395433 (1)	51395433 (1)	51396502 (1)	51396502 (1)
B	COMP TANK HOSE ASSEMBLY		51397028 (1) (WAS 51396823)	51396752 (1)	51397028 (1) (WAS 51396823)	51397028 (1) (WAS 51396823)	51396752 (1)	51396752 (1)
C	COMP CASE DRAIN HOSE ASSEMBLY			51396994 (1) (WAS 51396834)			51396994 (1) (WAS 51396834)	51396994 (1) (WAS 51396834)
F	STRAINER TO PUMP HOSE	NOT USED (WAS 60035598)	NOT USED (WAS 60035598)		NOT USED (WAS 60035598)			NOT USED (WAS 60035598)
G	STRAINER TO PUMP HOSE			NOT USED (WAS 51396822)		NOT USED (51396822)	NOT USED (51396822)	NOT USED (51396822)
H	CRANE PRESSURE HOSE ASSEMBLY	See chart B (1)			See chart B (1)	See chart B (1)	See chart B (1)	See chart B (1)
J	CRANE RETURN TO TANK HOSE ASSEMBLY	See chart B (1)			See chart B (1)	See chart B (1)	See chart B (1)	See chart B (1)
K	CRANE PRESSURE HOSE ASSEMBLY	51394524 (1)			51394524 (1)	51394524 (1)	51394524 (1)	51394524 (1)
L	CRANE TANK HOSE ASSEMBLY	51396661 (1)			51396661 (1)	51396661 (1)	51396661 (1)	51396661 (1)
N	COOLER INLET HOSE ASSEMBLY			51396747 (1)			51396747 (1)	51396747 (1)
18	REDUCER BUSH	72531838 (1)	72531838 (1)	72531838 (1)				
21	REDUCER BUSH				72531837 (1)	72531837 (1)	72531837 (1)	72531837 (1)
22	FITTING	72533564 (1)	72533564 (1)	72533564 (1)	72534411 (1)	72534411 (1)	72534411 (1)	72534411 (1)
23	SUCTION TEE							
24	ELBOW-RETURN				72532971 (1)			
25	HOSEBARB-STRAIGHT	72531550 (1)	72531550 (1)	72531550 (1) (WAS 72531552)	72531552 (1) (WAS 72531550)	72531552 (1)	72531552 (1)	72531552 (1) (WAS 72531551)
26	CLAMP 1.50				72661656 (2) (WAS 72066517)	72661656 (2) (WAS 72066517)	72661656 (2) (WAS 72066517)	72661656 (2) (WAS 72066517)
27	HOSEBARB-ELBOW							

HYDRAULIC INSTALLATION COMPONENTS-UNITS WITHOUT WELDER DECKS (99903766) (THRU 12-15-08)								
	INSTALLATION KIT	93719794	93719795	93719796	93719878	93719797	93719880	93719798
28	CLAMP 1.25	72661642 (2)	72661642 (2)	72661642 (2)				
29	ELBOW-CASE DRAIN			72534410 (1)			72534410 (1)	72534410 (1)
CA	COMP AIR FITTING		72533725 (1) (WAS 72051547)	72053458 (1)	72533725 (1) (WAS 72051547)	72533725 (1) (WAS 72051547)	72053458 (1)	72053458 (1)
CA	COMP AIR FITTING		72531101(1)	72053556 (1)	72531101(1)	72531101 (1)	72053556 (1)	72053556 (1)
CA	COMP AIR FITTING		72531547(1)		72531547(1)	72531547 (1)		
CH	COMP HYD FITTING		72534435 (1)		72534435 (1)	72534435 (1)		
CH	COMP HYD FITTING		72534371 (1)	72053556 (1)	72534371(1)	72534371 (1)	72053556 (1)	72053556 (1)
CH	COMP HYD FITTING		72532739 (1)		72532739(1)	72532739 (1)		
CH	COMP HYD FITTING		72053766 (1)		72053766(1)	72053766 (1)		
CH	COMP HYD FITTING		72532658 (1)		72532658(1)	72532658 (1)		

NOTE: QUANTITY SHOWN IN PARENTHESES (). NOT ALL BODY SIZES ARE AVAILABLE FOR ALL MODELS.
CHECK THE MODEL SPECIFICATIONS FOR APPROPRIATE SIZES.
(REV. E 20081030)

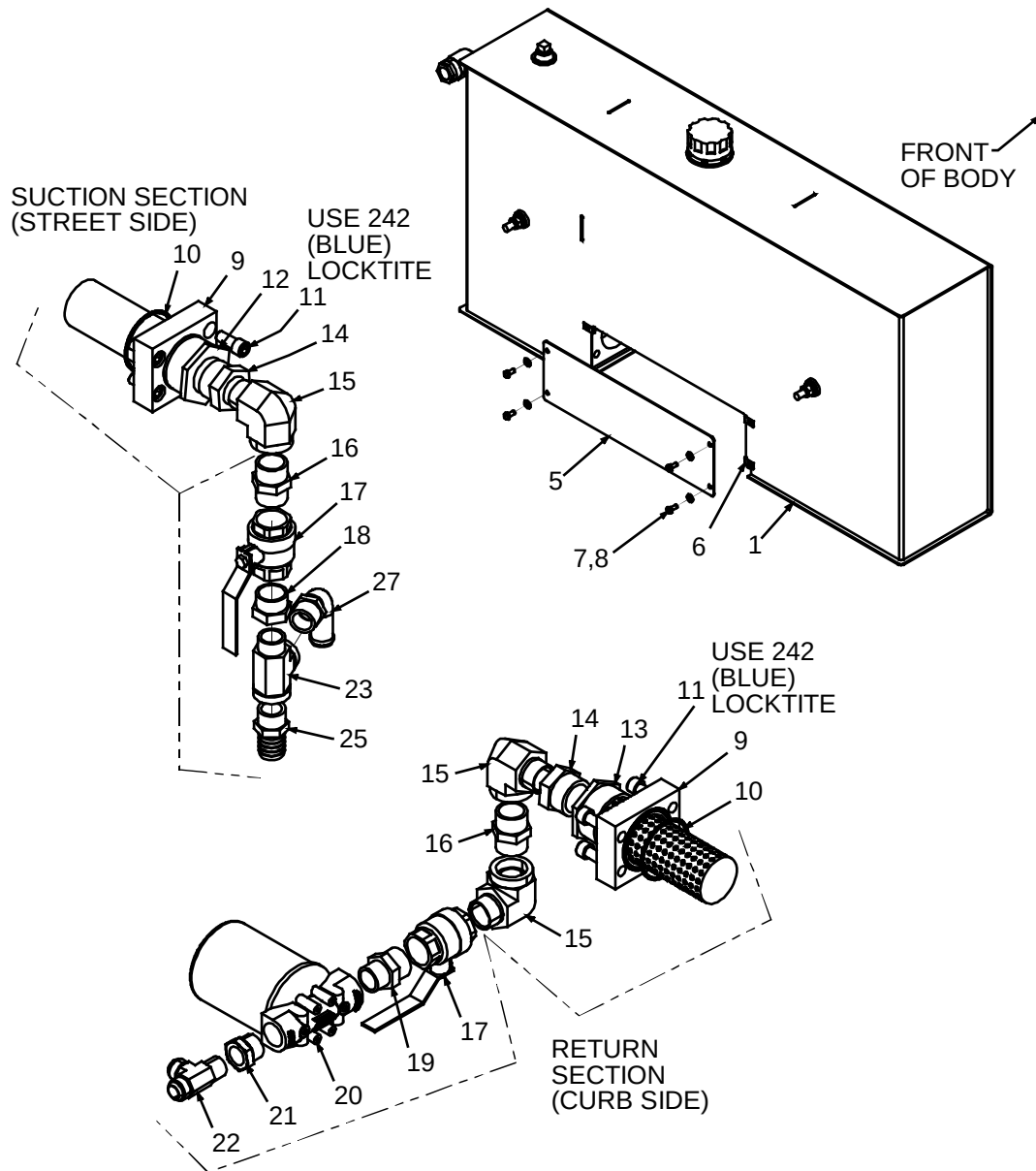
Hydraulic Reservoir (51719773) (Thru 12-15-08)



51719773 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52719770	WELDMENT, HYD RESERVOIR	1
2.	72531134	ELBOW-STREET STL 1.00 X 90 DEG	1
3.	73052138	SIGHT GAUGE- 1.00 PLUG W/REFLECT	1
4.	73052001	PLUG-PIPE MAGNETIC .75NPT SQHD	3
5.	71412010	FILL-BREATHING BAYONET	1
6.	72063005	WASHER .50 FLAT	4
7.	72062080	NUT .50-13 HEX NYLOCK	4
8.	60129786	ROD-THREADED .50-13 X 11.50 (WAS 60120858)	2
9.	70394189	DECAL-MOBILOIL RESERVOIR (NOT SHOWN)	1
REV. E 20070525			

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

Reference, Hyd. Reservoir Plumbing (99903766) (Thru 2006)



SUCTION ASSEMBLY NOTES:

- 1 SUB-ASSEMBLE FITTINGS 10-15 (GROUP 1) AND FITTINGS 16-27 (GROUP 2).
- 2 INSTALL GROUP 1 INTO RESERVOIR.
- 3 ASSEMBLY GROUP 2 ONTO GROUP 1.

RETURN ASSEMBLY NOTES:

- 1 SUB-ASSEMBLE GROUPS, DIVIDED AS SHOWN.
- 2 ASSEMBLE GROUPS TOGETHER.
- 3 INSTALL ASSEMBLY ONTO RESERVOIR.

NOTES:

- 1 ITEMS #23, 27 NOT USED ON SINGLE INLET PUMPS.

REFERENCE, HYD. RESERVOIR PLUMBING (99903766) (Thru 2006)			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51719773	RESERVOIR ASSEMBLY	1
5.	60129218	GUARD-HYD RESERVOIR	1
6.	72062301	NUT-TINNERMAN 1/4-20UNC	4
7.	72063001	WASHER .25 FLAT	4
8.	72060001	CAP SCR .25-20X .62 HH GR5 Z	4
9.	60129212	BLOCK - HYD RESERVOIR NPT ALUMINUM	2
10.	7Q072239	O RING 3.62X 3.88X .12 70	2
11.	72060812	CAP SCR .62-11X 1.50 SH PLAIN	8
12.	73052140	STRAINER-INTERNAL 50 GPM 3.00NPT 2.00NPT	1
13.	73052139	DIFFUSER-INTERNAL 55 GPM 3.00NPT 2.00NPT	1
14.	72053379	REDUCER BUSH-BLK 2.00-1.50	2
15.	72534434	ELBOW-STREET STL 1.50 X 90 DEG	3
16.	72533661	ADPTR-MPT/HEX/MPT 1.50 1.50	2
17.	73054379	VALVE-BALL 1.50	2
18.	72531838	REDUCER BUSH-STL 1.50-1.25 (AS REQUIRED)	1
19.	72534438	ADPTR-MPT/HEX/MPT 1.50 1.25	1
20.	73052091	FILTER-HYD RET 10MIC 1.25 NPTF	1
21.	72531837	REDUCER BUSH-STL 1.25-1.00 (AS REQUIRED)	1
22.	72533564	ADPTR-MPT/M JIC 1.25 16 (AS REQUIRED)	1
22.	72534411	TEE-MALE RUN 1 MPT X 1 JIC (AS REQUIRED)	1
23.	72531994	TEE-STREET STL 1.25 (AS REQUIRED)	1
25.	SEE CHART	HOSEBARB-STRAIGHT (AS REQUIRED)	1
26.	72066517	CLAMP-HOSE 1.50 2-BOLT (AS REQUIRED)	2
27.	SEE CHART	HOSEBARB-ELBOW (AS REQUIRED)	1
NOTE: ITEM #20 (FILTER) CAN BE PURCHASED SEPARATELY FROM IMT. ITEMS #18 AND 21-32 ARE INCLUDED WITH OPTIONAL INSTALLATION KITS.			
REV B 20060405			

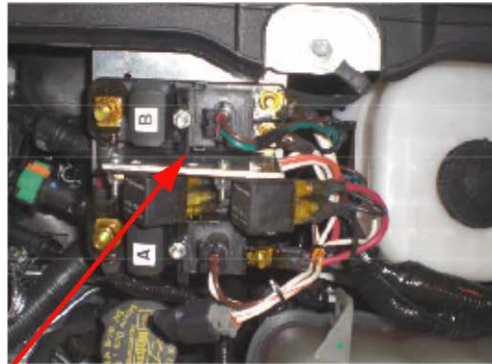
Underhood Electrical Installation, 2011 F350-450-550 (99905200)

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

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



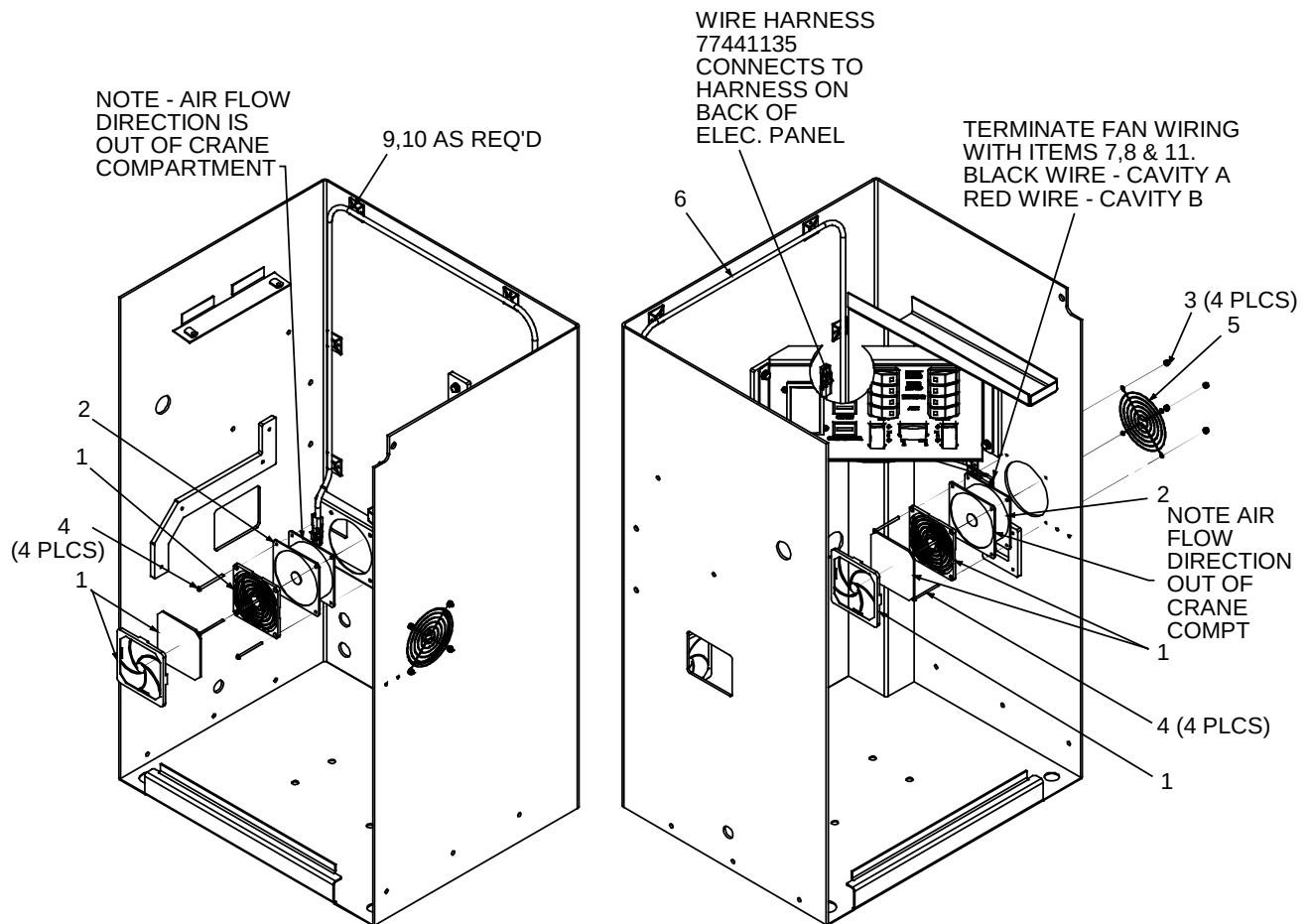
Side View



Top View

Mounted IMT underhood electrical bracket.

Installation Kit, Compartment Pressure Fan Option (99903801)

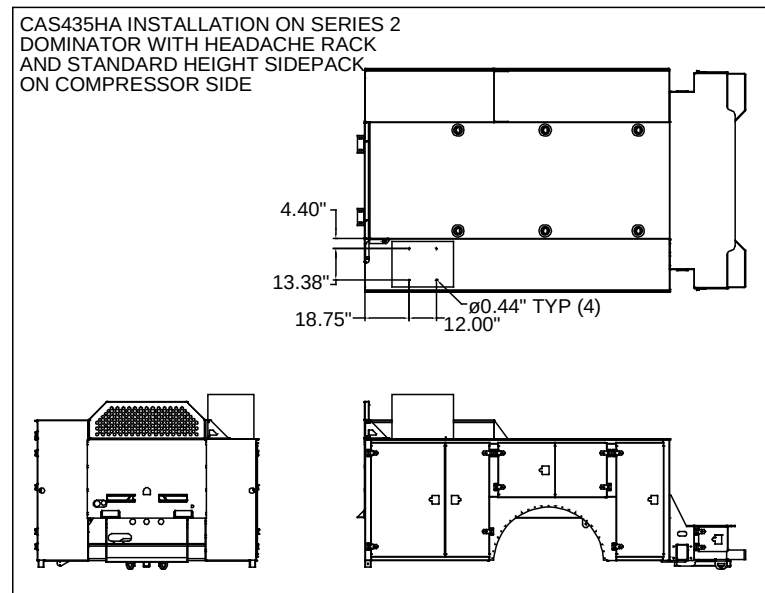
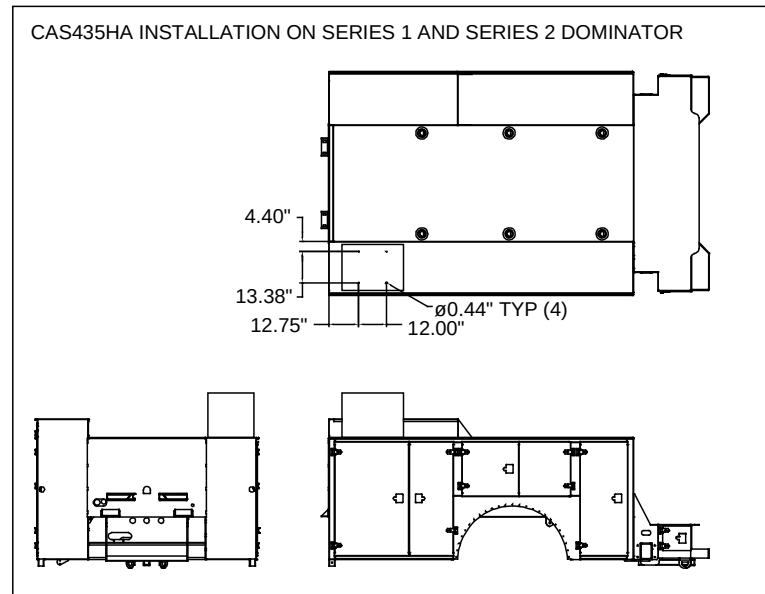


99903801 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70144323	GUARD-FILTER 12V FAN	2
2.	77042080	FAN-12V AXIAL	2
3.	72062207	NUT 8-32 HEX NYLOCK	4
4.	72601676	SCR-MACH # 8-32X 2.50 RDH	8
5.	70144322	GUARD-CHROME WIRE 12V FAN	1
6.	77441135	HARNESS-COMPARTMENT FAN	1
7.	77044552	TERM-PKRD WPK 18-20GA MALE	4
8.	77044573	CONN-PKRD WP 2 CAV MALE/SHROUD	2
9.	77045927	RETAINER-ZIP TIE ELEC HARNESS	6
10.	70034060	TIES-PLASTIC .18W 8.00L BLACK	6
11.	70394069	SEAL-PKRD WP/MP 16 GA GREEN	4

NEW 20051207

Compressor Mounting Locations (99903712)

CAS435HA Compressor Mounting Locations

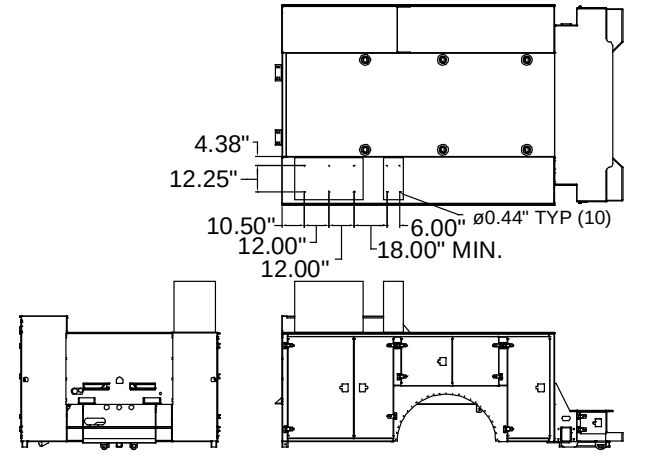


NOTE:

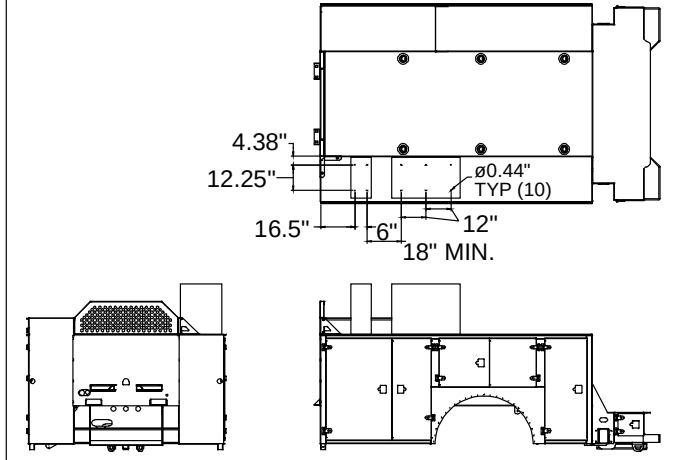
When installing a compressor, maintain a minimum clearance of 8" on each end of the compressor. If installing a compressor with a hydraulic aftercooler, maintain a minimum space of 10" between the compressor and aftercooler, while still maintaining the 8" of clearance on each end of the compressor-cooler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

CAS2545 & CAS3560 Compressor Mounting Locations

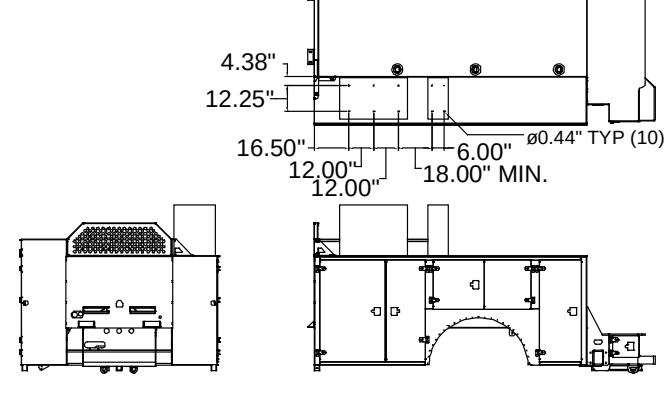
CAS3560 & CAS2545 INSTALLATION ON SERIES 1 AND SERIES 2 DOMINATORS



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

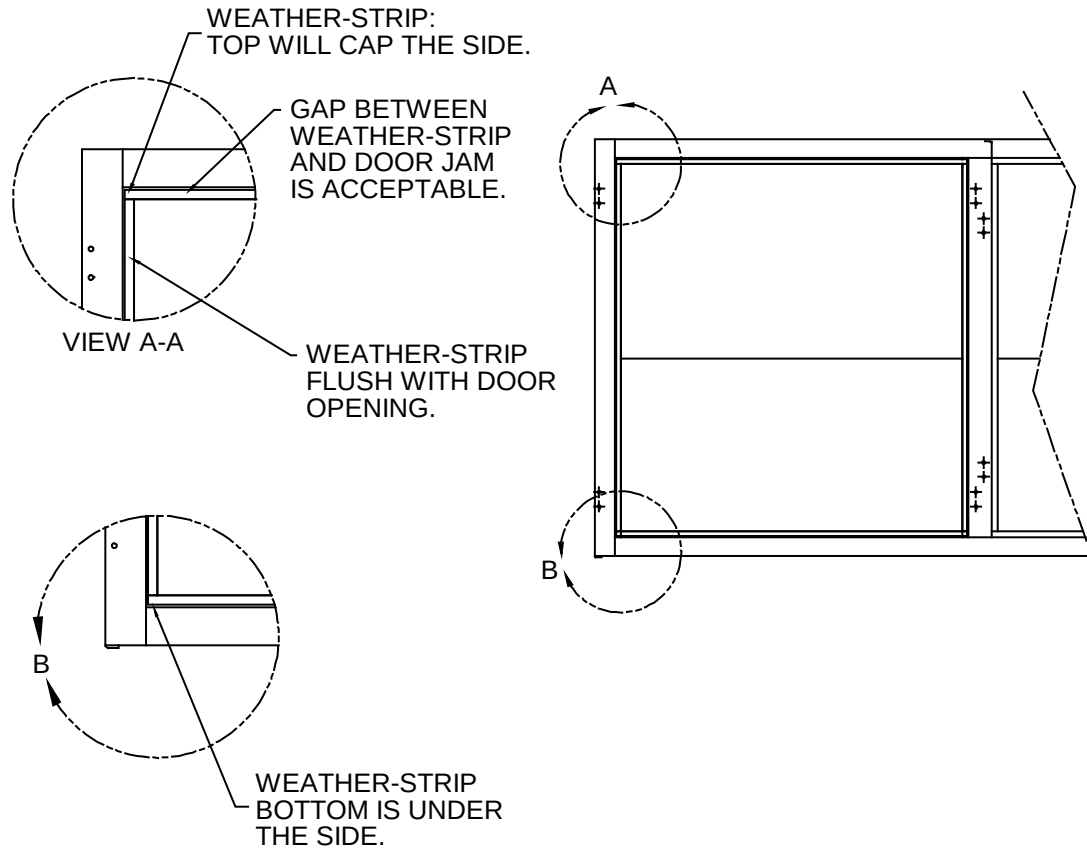


CAS3560 & CAS2545 INSTALLATION ON SERIES 2 DOM WITH HEADACHE RACK AND STANDARD HEIGHT SIDEPACK ON COMPRESSOR SIDE

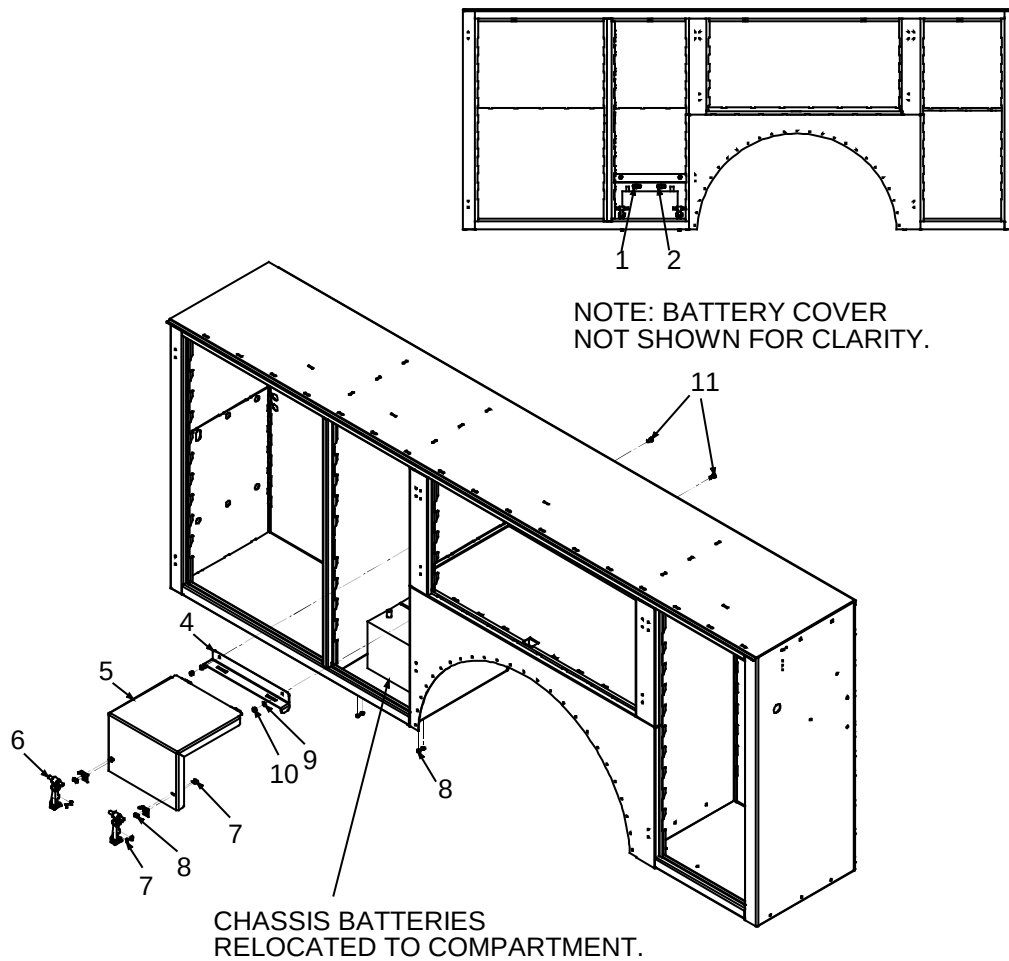
**NOTE:**

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)

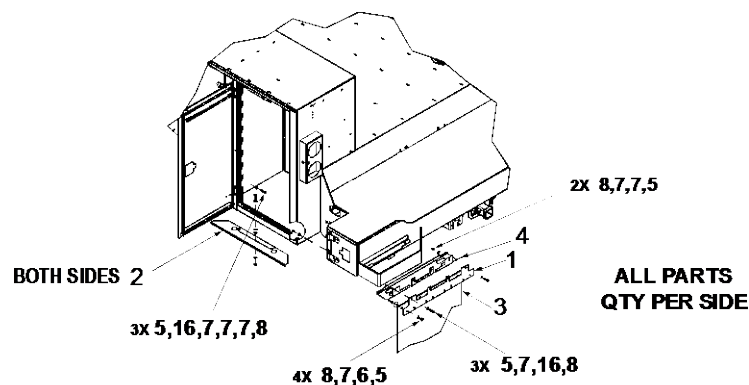


99904452 PARTS LIST				
ITEM	PART #	DESCRIPTION	KIT #	QUANTITY
1.	77041773	STUD-ELEC PASS THROUGH .38 RED		REF
2.	77041774	STUD-ELEC PASS THROUGH .38 BLK		REF
3.	51721742	HARDWARE KIT-BATTERY COVER		1
4.	60133203	BRACKET-BATTERY COVER MOUNT		1
5.	60133202	COVER-BATTERY DOM COMPARTMENT		1
6.	70039108	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				

Chassis Installation, Ford 2008-present (99904280)

KIT NUMBERS:

- 93721198 - INSTALLATION KIT, DOMINATOR I 9' 60CA SINGLE WALL
- 93721199 - INSTALLATION KIT, DOMINATOR I 11' FORD 2008 - PRESENT SINGLE WALL
- 93721200 - INSTALLATION KIT, DOMINATOR I 11' FORD 2008 - PRESENT SINGLE WALL



NOTES:

- 1 QUANTITIES NOTED FOR ALL PARTS ARE PER SIDE.
- 2 BOTH SIDES.
- 3 INSTALL 71412663 EXHAUST CONNECTOR ONTO EACH EXHAUST TIP. DO NOT COVER AIR HOLES IN ORIGINAL TIPS. WELD ALL AROUND. CONNECT WELDER GROUND TO 71512663 ONLY TO AVOID DAMAGE TO TRUCK COMPUTER.

99904280 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	60131361	BRACKET-MUD FLAP FORD	6.4 L	2
2.	60131565	BRACKET-MUD FLAP SIDE PROTECTOR		2
3.	76393799	MUD FLAP		2

4.	60120705	MOUNTING BRACKET-WIRE HARNESS		2
5.	72060026	CAP SCREW	.31-18X 1.25 HH GR5 Z	26
6.	72063078	WASHER	.31X1.50 OD ZINC	8
7.	72063002	WASHER	.31 FLAT	56
8.	72062109	NUT	.31-18 HEX NYLOCK	26
9.	52714905	BRACKET-BODY FRONT DOM1 9' BODY		2
10.	52714843	BRACKET-BODY FRONT DOM1 11' BODY SINGLE WALL FRAME		2
11.	52716274	BRACKET-BODY FRONT DOM1 11' BODY DOUBLE WALL FRAME		2
12.	60122777	SHIM-BODY MOUNTING REAR		2
13.	72060151	CAP SCREW	.62-11X 2.00 HH GR8 Z	12
14.	72063119	WASHER	.62 FLAT ASTM F436	24
15.	72601859	NUT	.62-11 HEX ZINC NYLOK GR8	12
16.	76392598	WASHER-BONDED PLATED	.31	18
17.	71412663	EXHAUST CONNECTOR-4.00ID ELBOW (6.4)		2
18.	51721068	HARDWARE KIT-MUD DEFLECTOR		
NEW 20071004				

Electric Crane Installation (2003i, 3203i, 4004i, 5005i, 6006i) (99904394)

Install the IMT 2003i, 3203i, 4004i, 5005i, and 6006i model cranes using the instructions in 99904394. In addition to meeting the minimum chassis specifications noted in the Technical Data section of this manual, make sure there is sufficient room for mounting the crane and the platform is strong enough to support the crane and rated load. Install the crane only on an IMT designed and approved truck body. The body must be designed to sustain the forces imposed by the crane when lifting the full rated load. Install the body on the chassis before installing the crane. Refer to the following table for parts referenced in the following crane installation drawings.

CRANE INSTALLATION PARTS LIST				
ITEM	PART #	DESCRIPTION	KIT #	QUANTITY
1.	51721572	ELECTRIC CRANE BODY INSTALLATION		1
2.	91721647	HARDWARE KIT- 3203i/4004i ELEC CRANE BODY INSTALLATION		1
3.	91721751	HARDWARE KIT- 5005i ELEC CRANE BODY INSTALLATION		1
4.	99904317	DRAWING-CRANE & WINCH ASSEMBLY 3203i		REF
5.	Body	IMT BODY ASSEMBLY		REF
6.	60251272	BRACKET-SWITCH 300 AMP ELEC CRANE		1
7.	70734331	SWITCH-300A KEYED BATTERY DISCONNECT	#1	1

8.	72042097	LEVEL INDICATOR LEVEL	#1	1
9.	77040209	TERMINAL-RING NI .38 STUD 1 WIRE	#1	1
10.	77040529	TERMINAL-RING NI .31 STUD 1-2 WIRE	#1	3
11.	77441116	FUSEHOLDER-HIGH AMP2 BOLT WITH COVER	#1	1
12.	77441219	FUSE-225 AMP	#1	1
13.	89044276	CABLE-#1 WELDING	#1	35 FT
14.	89392333	TUBE-HEAT SHRINK AMP	#1	.50 FT
15.	72060208	CAP SCREW .75-10X 2.50 HH GR8 Z	#2	4
15.	72601621	CAP SCREW 1.00 - 8 X 3.00 HHGR8Z	#3	4
16.	72601862	NUT .75-10 HEX NYLOC GR8Z	#2	4
16.	72062375	NUT 1.0 - 8 HEX NYLOC GR8Z	#3	4
17.	72063116	WASHER .75 N FLAT H ASTM F436Z	#2	8
17.	72063066	WASHER 1.0 FLAT HI STR	#3	8
18.	72060002	CAP SCR .25-20X .75 HH GR5Z	#2 & #3	4
19.	72060634	SCREW-MACHINERY #10-24X .50 RDH	#2 & #3	4
20.	72062000	NUT .25-20 HEX	#2 & #3	4
21.	72062106	NUT 10-24 HEX NYLOCK	#2 & #3	4
22.	72063001	WASHER .25 FLAT	#2 & #3	8
REV. E 20120918				

To install the crane:

- 1 Use a lifting device capable of lifting the weight of the crane as indicated in the Technical Data section of this manual. Attach fabric slings to the crane lower boom, centered approximately 18 inches (46 cm) from the mast hinge. Make certain the crane is well balanced on the slings by slowly lifting approximately 6" (15 cm) off the ground. Lift the crane and apply a bead of waterproof compound, such as silicon based caulk, to the bottom of the base. Move the chassis under the crane and lower the crane into the desired position.

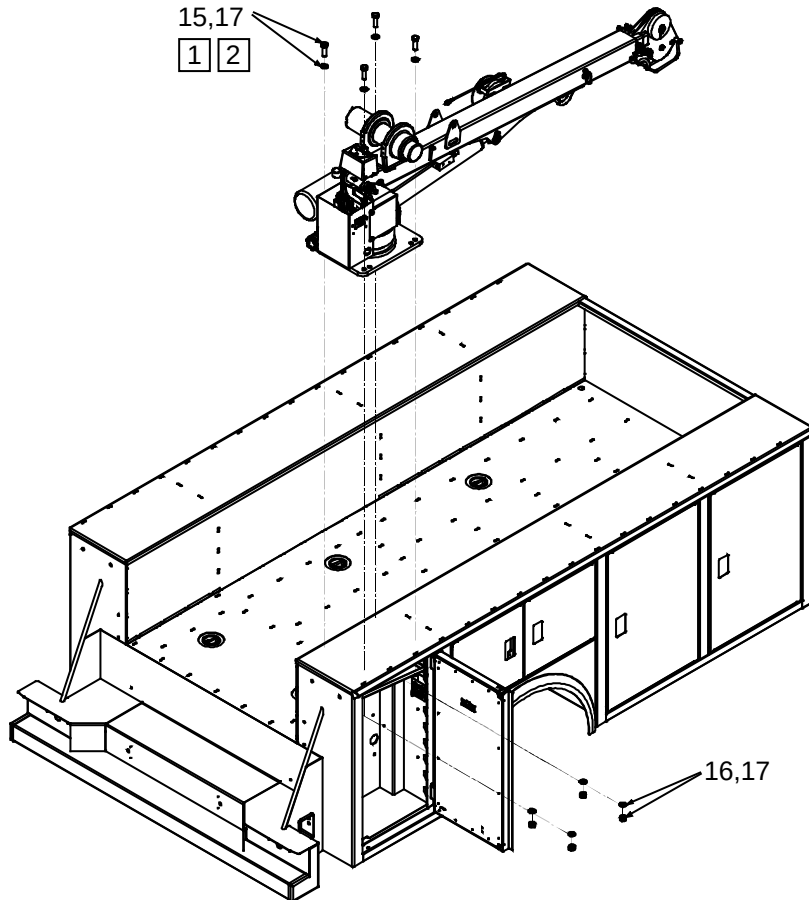
Install the mounting cap screws (item # 15) and washers (item #16) to secure the crane base to the truck body (see figure). Torque the 3/4" cap screws (used on models 3203i and 4004i) to 280 ft-lb and torque to 1" cap screws (used on models 5005i and 6006i) to 680 ft-lb.

NOTE:

The 3/4-10 x 2.5" grade 8 zinc coated capscrews (models 3203i and 4004i) are designed for a crane box thickness of 1/2" only.

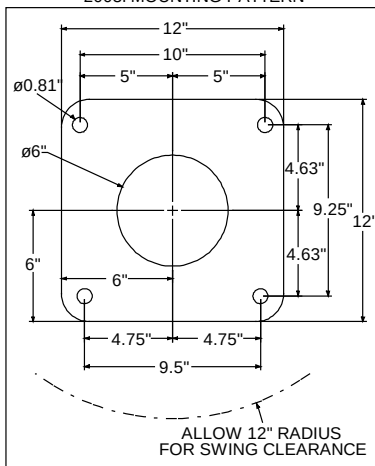
The 1-8 x 3" grade 8 zinc coated capscrews (model 5005i and 6006i) are designed for a crane box top thickness of 7/8" to 1" only.

A different crane box may require different cap screws. If different length bolts are required, they must be the same size and of sufficient length. Failure to use proper length bolts may cause the bolts to bottom out before torquing.

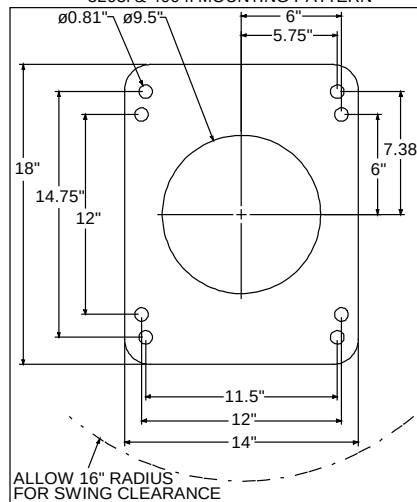


MOUNTING PATTERNS

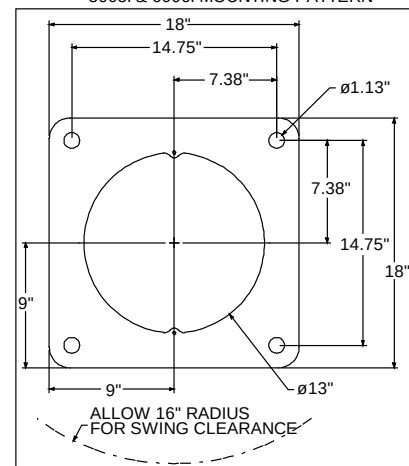
2003i MOUNTING PATTERN



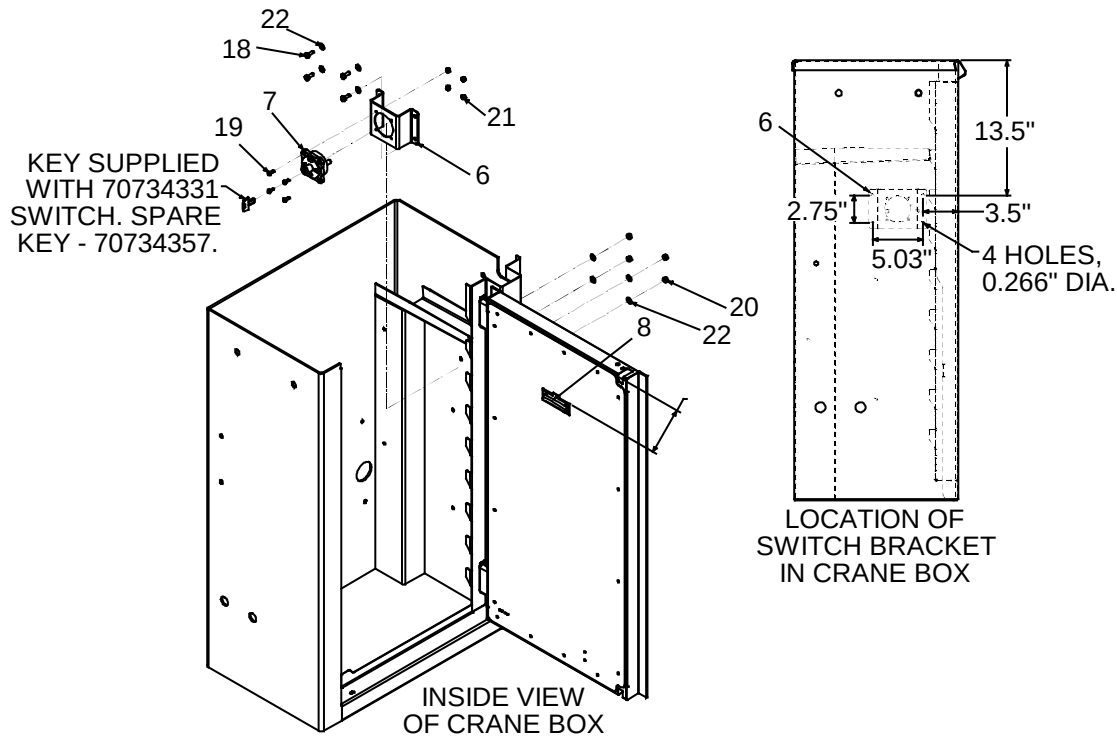
3203i & 4004i MOUNTING PATTERN



5005i & 6006i MOUNTING PATTERN

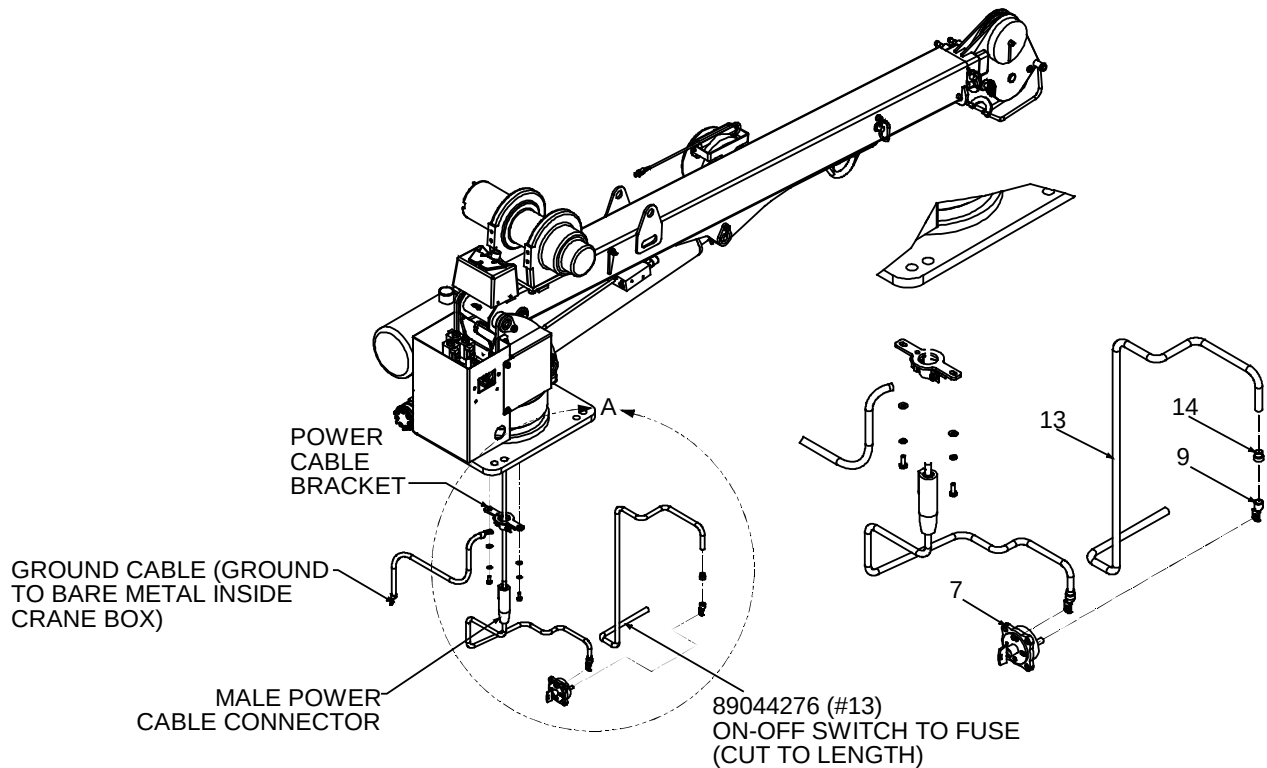


- 2** The electrical power switch (item #7) provides power for the crane. Install the switch onto the power unit cover.



- 3** Install the vehicle level indicator (item #8) parallel to the door reinforcements.
- 4** After mounting your crane, wire the crane to the vehicle's 12VDC electrical system using the following steps. Use the parts list above to identify parts. Your crane installation kit, 51721572, includes a 10.7 m (35') long cable, IMT # 89044276 (item #13 in the parts list). Use this cable to ground the auxiliary battery, the underhood battery, and to connect the batteries to the fuses and the fuses to the crane on-off switch. Cut the cable to length after determining the lengths required.

- 5 Ground the crane by connecting the crane ground cable to bare metal inside the crane box.



- 6 Connect the crane power cable from the male power cable connector to the on-off power switch. Connect cable (item #13 - 89044276), cut to length, from the crane power switch (item #7) to an electrical bulkhead connector, which will be connected to the fuses in step #8. Use 3/8" (0.95 cm) ring terminals (item #9 - 77040209) for each connection. Heat shrink the connections (item #14 - 89392333).

WARNING

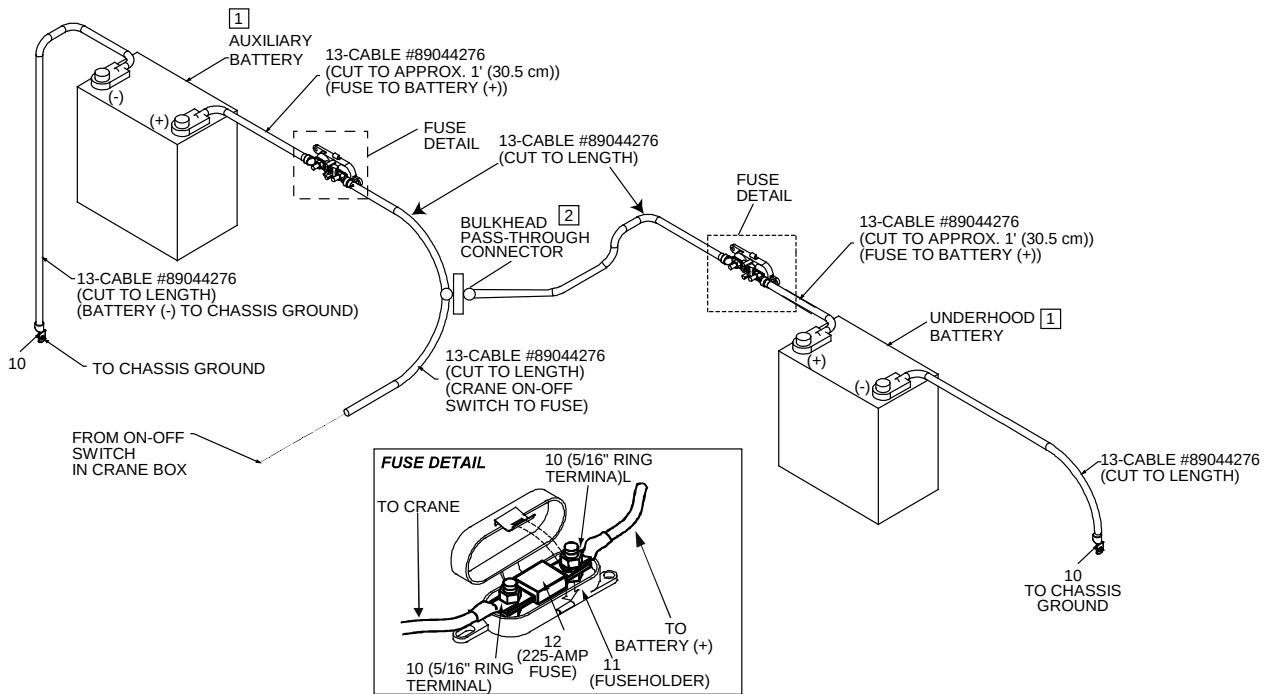
Protect the power cable from damage by fastening it inside the frame channel and covering it with protective covering including loom, conduit, etc. Be sure to use rubber grommets or other protection when running the power cable through steel bulkheads.

- 7 Use approximately 4' (1.2 m) of the cable (item #13) to ground both the vehicle battery and auxiliary battery. Connect one end of the ground cable to the negative terminal on the battery, and the other end to bare metal on the truck body. Use a 5/16" (0.79 cm) ring terminal (item #10 - 77040529) to connect to the truck body.

WARNING

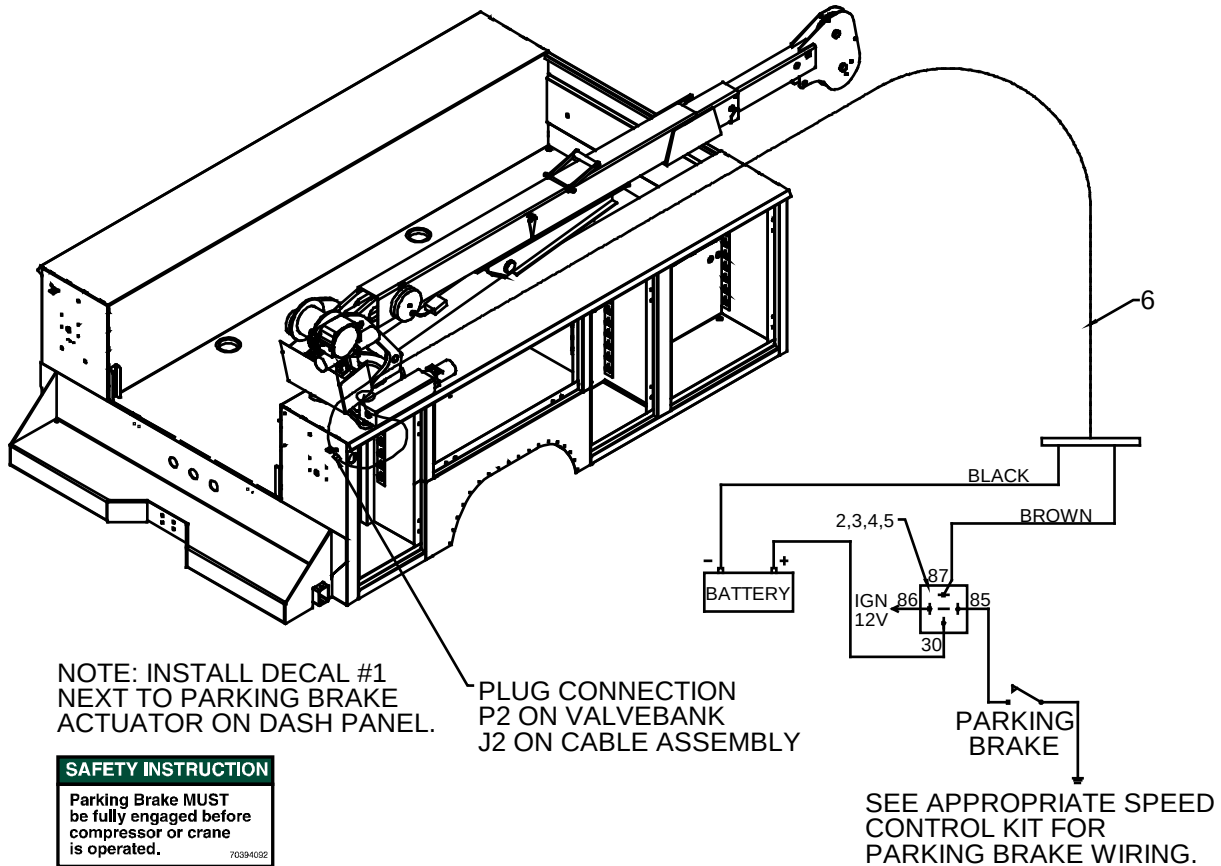
Install the ground cable to the negative terminal of the batteries! The crane electrical ground completes the electrical circuit through the structure of the crane to the vehicle frame. The vehicle factory ground is NOT sufficient to carry the current required by the crane. Without this extra ground cable, your crane may not operate at rated capacity, and motor, contactor, or electrical damage may occur.

- 8** Mount one 225-amp fuse holder (item #11) close to the vehicle battery in a location which can be easily accessed if the fuse needs to be replaced. Repeat with the auxiliary battery. Use approximately one foot (30.5 cm) of cable (item #13) to connect the positive terminals on the vehicle batteries to the fuse holders. Connect the other end of each fuse holder to the bulkhead pass-through connector from step #6, which is then connected to the crane power switch. Cables connect to the fuse holders using 5/16" (0.79 cm) ring terminals (item #10 - 77040529). Heat shrink connections.

**NOTES:**

1. Use the highest rating cold-cranking amp battery available up to 1,000 CCA. Underhood and auxiliary batteries must be identical.
2. Use bulkhead pass-through connectors when power or ground passes through a compartment wall.
3. Reference drawing 99904884 for wiring diagram.

Electrical Installation (1015E & 2020E) (99903519)



NOTE:

- WIRES IN HARNESS ARE 14GA, 19/27 STRANDS, AND MUST MEET FORD SPECIFICATION MIL-85B OR CHRYSLER SPECIFICATION MS-8900.

99903519 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70394092	DECAL-CAUTION BRAKE/COMP	1
2.	72050005	CAP SCR 1/4-20X1.25 HHGR5	1
3.	72062104	NUT 1/4-20 HEX NYLOC ZINC	1
4.	72063001	WASHER 1/4-FLAT	1
5.	77041251	RELAY	1
6.	77441074	HARNESS	1
REV. B 20070524			

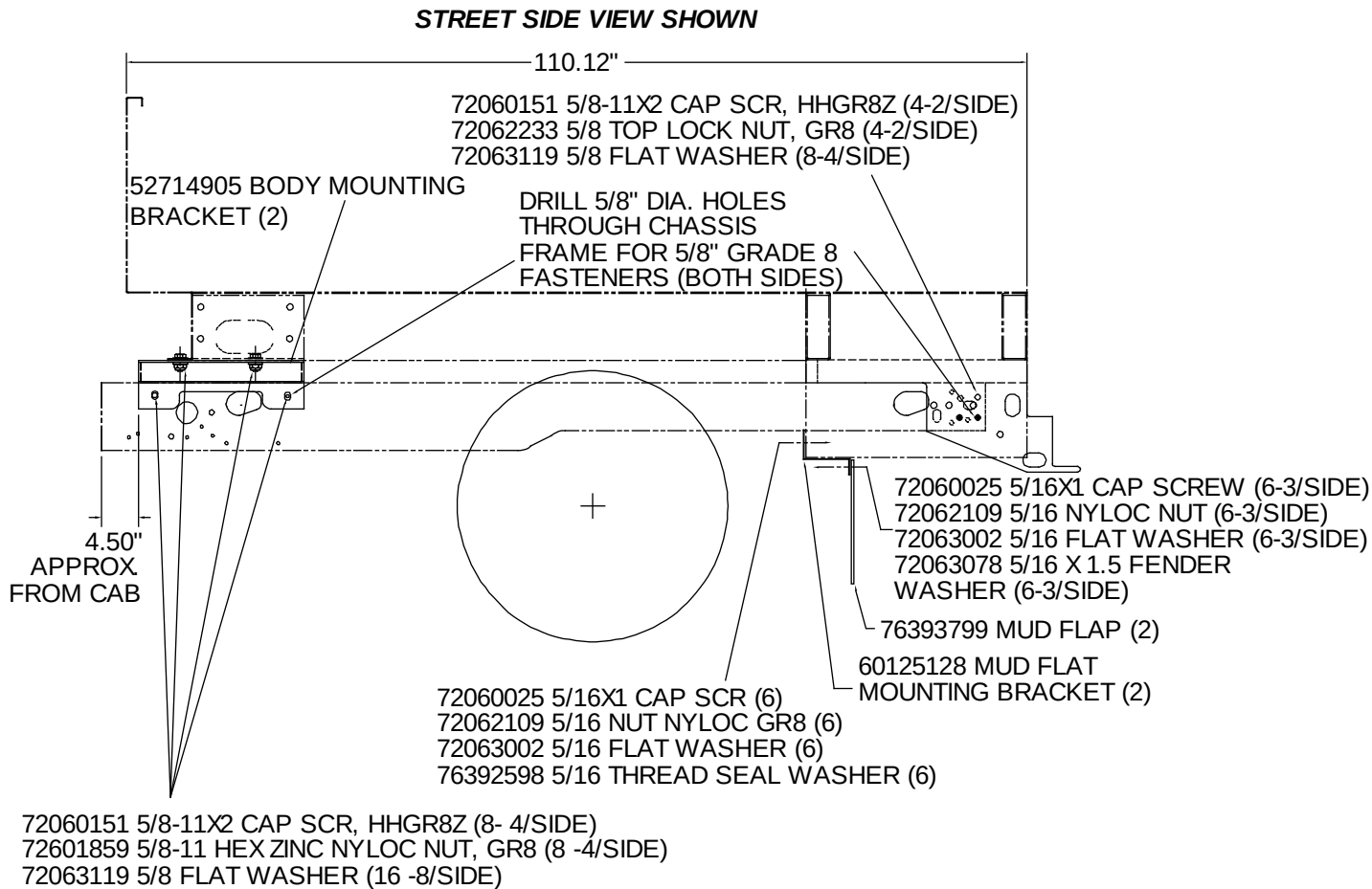
CHAPTER 3

Chassis Installation

In This Chapter

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Installation Kit- 9' Body - Ford (93714834)

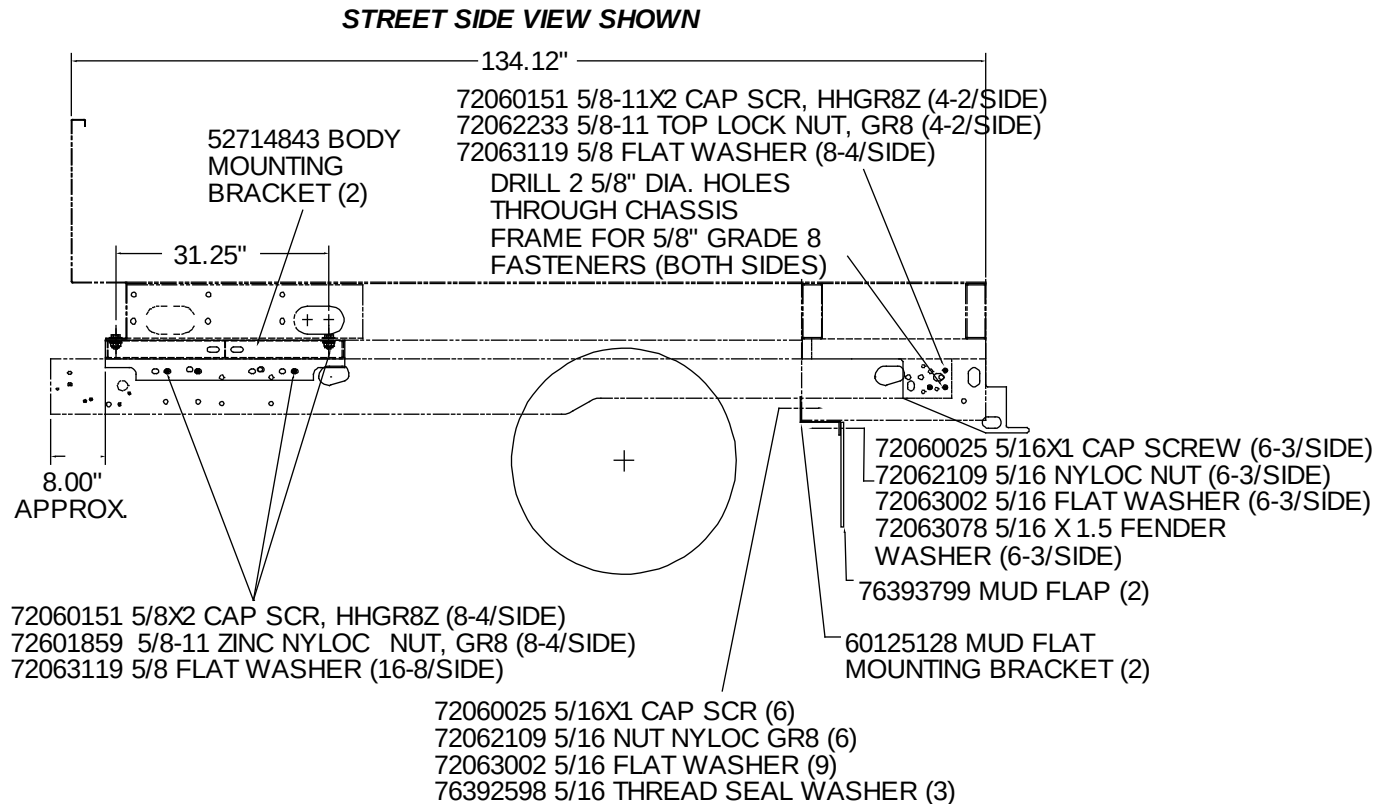


REV E 20060920

NOTE:

- 1 FOR REAR END, USE GRADE #8 FASTENERS.
- 2 5/8-11 CAP SCREW & NYLOC NUT TORQUE VALUE = 220 FT-LB PLAIN, 160 FT-LB PLATED
- 3 WHEN USING A TORQUE WRENCH, ALWAYS HOLD THE BOLT AND APPLY TORQUE TO THE NUT. BOLTS MAY PASS THROUGH FRAME IN EITHER DIRECTION.
- 4 ALL CHASSIS FRAME HOLES MUST BE DRILLED THE SAME SIZE AS THE BOLTS USED.
- 5 KIT 93718486, FOR A CHEVY 4500/550 CHASSIS, IS THE SAME AS 93714834 EXCEPT SHIMS ARE REQUIRED BETWEEN THE OUTSIDE OF THE CHASSIS AND THE INSIDE OF THE FLOOR GUSSETS DUE TO A SMALLER SIZE CHASSIS.

Installation Kit - 11' Body- Ford 15,000 & 17,500 GVW (93714835)

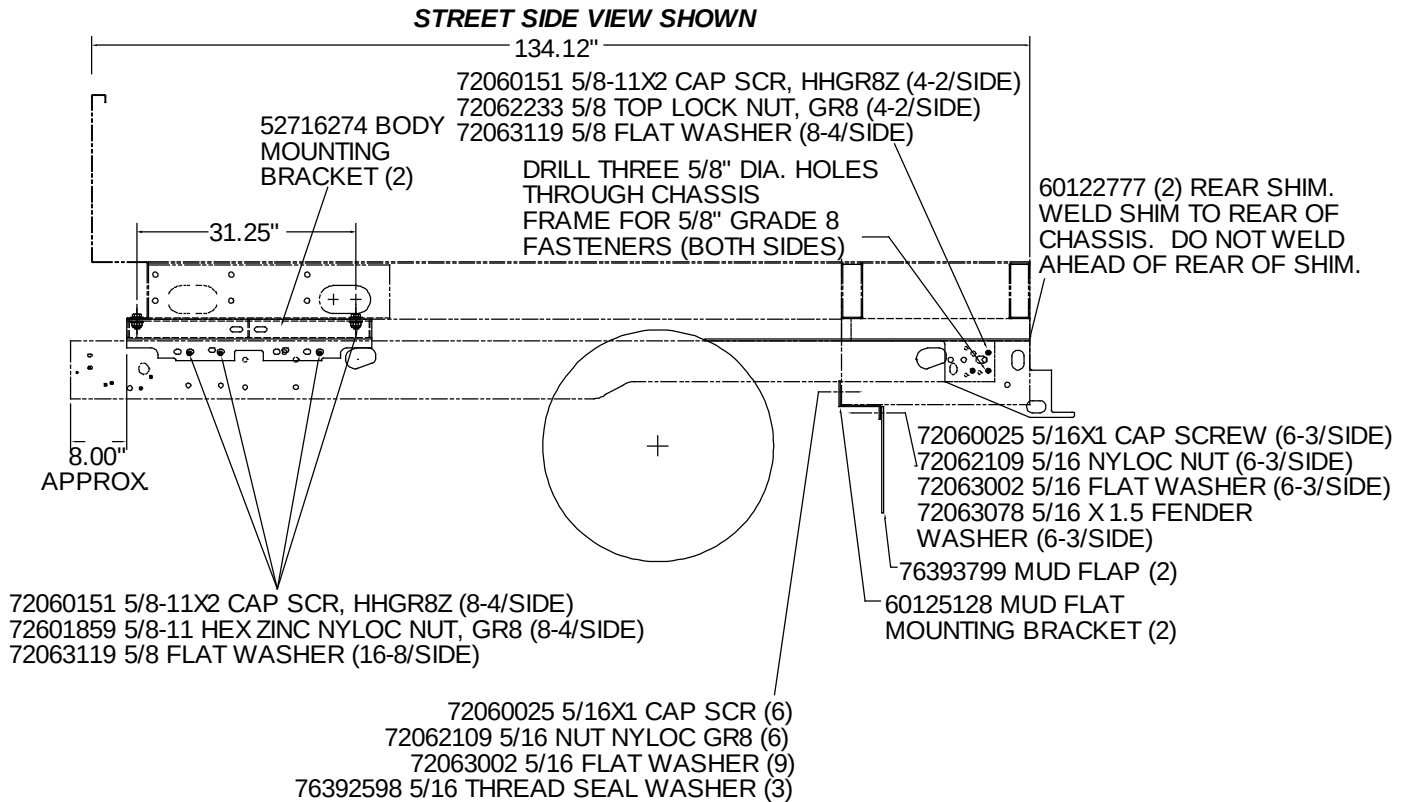


REV. F 20060920

NOTE:

- 1 FOR REAR END, USE GRADE 8 FASTENERS.
- 2 5/8-11 CAP SCREW & NUT TORQUE VALUE = 220 FT-LB PLAIN, 160 FT-LB PLATED
- 3 WHEN USING A TORQUE WRENCH, ALWAYS HOLD THE BOLT AND APPLY TORQUE TO THE NUT. BOLTS MAY PASS THROUGH FRAME IN EITHER DIRECTION.
- 4 ALL CHASSIS FRAME HOLES MUST BE DRILLED THE SAME SIZE AS THE BOLTS USED.
- 5 KIT 93718487, FOR A CHEVY 4500/550 CHASSIS, IS THE SAME AS 93714835 EXCEPT SHIMS ARE REQUIRED BETWEEN THE OUTSIDE OF THE CHASSIS AND THE INSIDE OF THE FLOOR GUSSETS DUE TO A SMALLER SIZE CHASSIS.

Installation Kit- 11' Body - Ford 19,000 GVW (93716276)



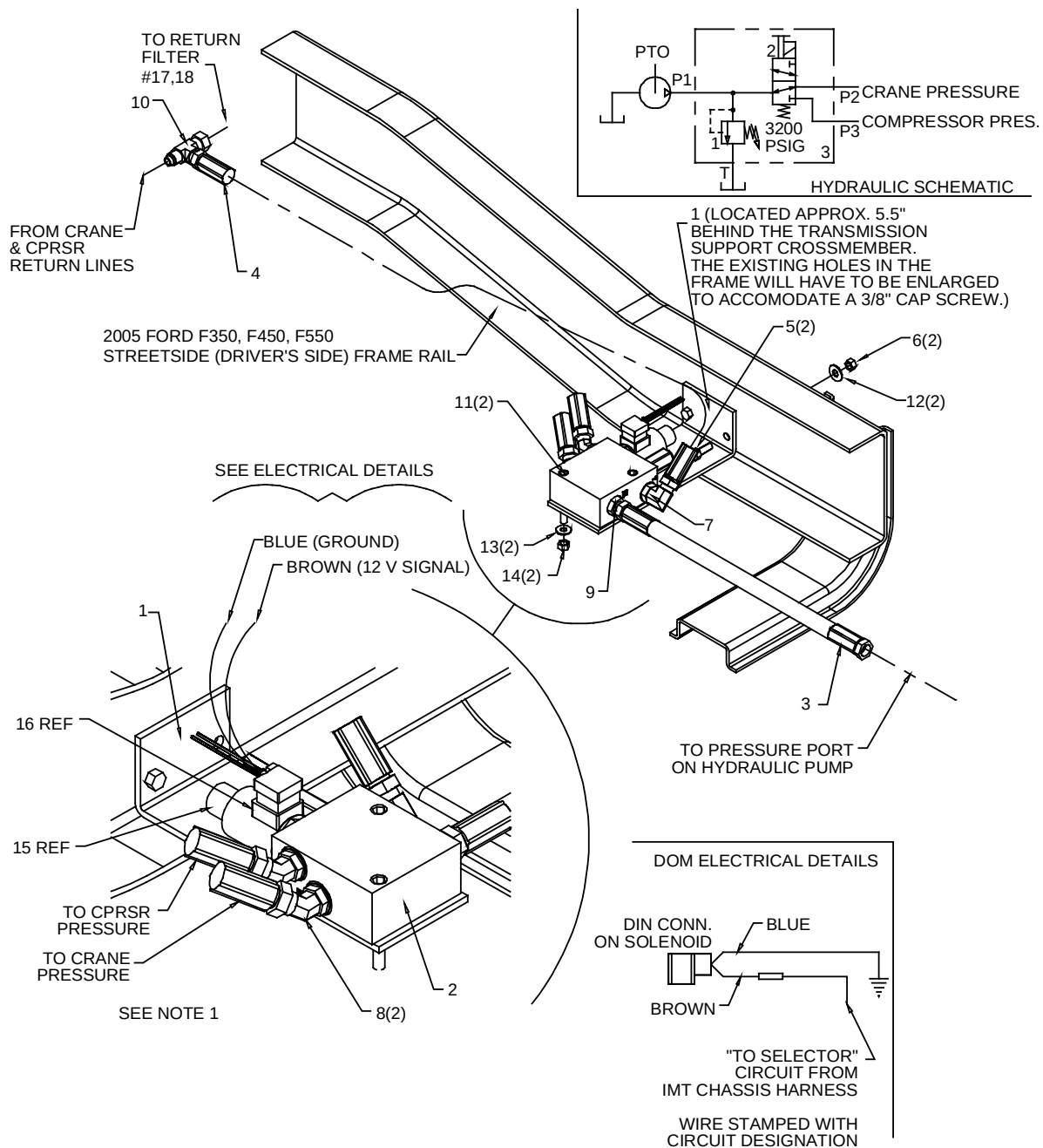
REV. E 20060920

NOTE:

- 1 FOR REAR END, USE GRADE 8 FASTENERS.
- 2 5/8-11 CAP SCREW & NUT TORQUE VALUE = 220 FT-LB PLAIN, 160 FT-LB PLATED
- 3 WHEN USING A TORQUE WRENCH, ALWAYS HOLD THE BOLT AND APPLY TORQUE TO THE NUT. BOLTS MAY PASS THROUGH FRAME IN EITHER DIRECTION.
- 4 ALL CHASSIS FRAME HOLES MUST BE DRILLED THE SAME SIZE AS THE BOLTS USED.

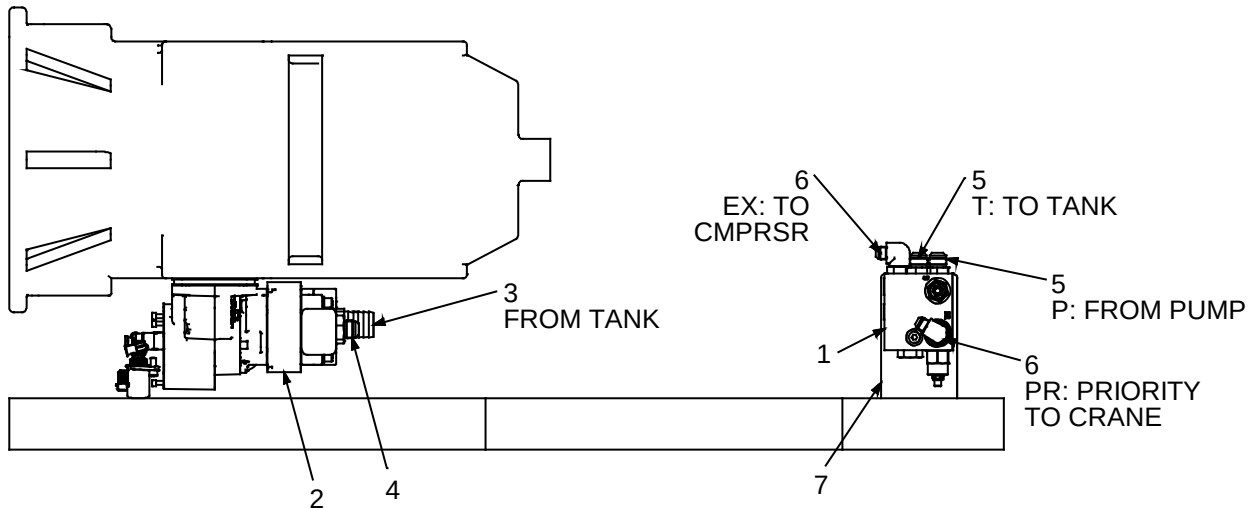
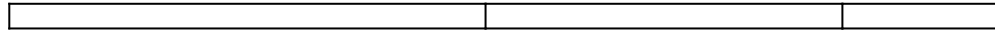
Installation Kit - Selector Valve - Ford Automatic Transmissions (99904080)

Used on Ford/Dodge 4x4 chassis with crane/compressor. Use 99904994 for MY2011 Ford 4x2 chassis.



99904080 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60121487	BRACKET, SELECTOR VALVE MTG	1
2.	73540089	VALVE-SELECTOR WITH RELIEF 12V 15GPM	1
3.	51394014	HOSE-FF 1/2X32.5 OAL (8-8) (WAS 51375678)	1
4.	51397667	HOSE-FJ 1/2X46 OAL (8-8) (WAS 51395532)	1
5.	72060049	CAP SCR 3/8-16X1.75 HHGR5Z	2
6.	72062103	NUT 3/8-16 HEX NYLOC	2
7.	72053763	ELBOW #8MSTR #8MJIC 90	1
8.	72532358	ADAPTER #8MSTR #8MJIC (WAS 72053777)	2
9.	72532358	ADPTR #8MSTR #8MJIC	1
10.	72532657	TEE-SWIVEL NUT RUN JIC .75	A/R
	72534436	TEE-SWIVEL NUT RUN JIC 16 CTR 8	A/R
11.	72060738	CAP SCR 5/16-18 X 2.5 SH PLAIN	2
12.	72063003	WASHER 3/8 FLAT	2
13.	72063002	WASHER 5/16 FLAT	2
14.	72062109	NUT 5/16-18 HEX NYLOC	2
15.	77040446	COIL	REF
16.	77041661	SOLENOID VALVE	REF
17.	72053191	NIPPLE-PIPE BLK 1 X 4	1
18.	72053306	COUPLING-BLK 1	1
REV. C 20101220			

Installation Kit, Hydraulic, Ford 4x2 MY2011 (99904994)



99904994 PARTS LIST			
ITEM	PART #	DESCRIPTION	QTY
1.	73540419	VALVE ASSEMBLY, PROP FLOW CONTROL, 10 GPM @3200 PSI	1
2.	70570942	PTO (INCLUDES PUMP)	1
3.	72534741	NIPPLE-BARB STL 24 STR 1.25	1
4.	72532367	ADPTR-M STR/M JIC 16 12	1
5.	72532366	ADPTR-M STR/M JIC 12 12	2
6.	72533595	ELBOW-M STR/90/M JIC 12 8	2
7.	60136541	BRACKET-PRIORITY FLOW CONTROL	1
REV A 20110204			

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

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

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

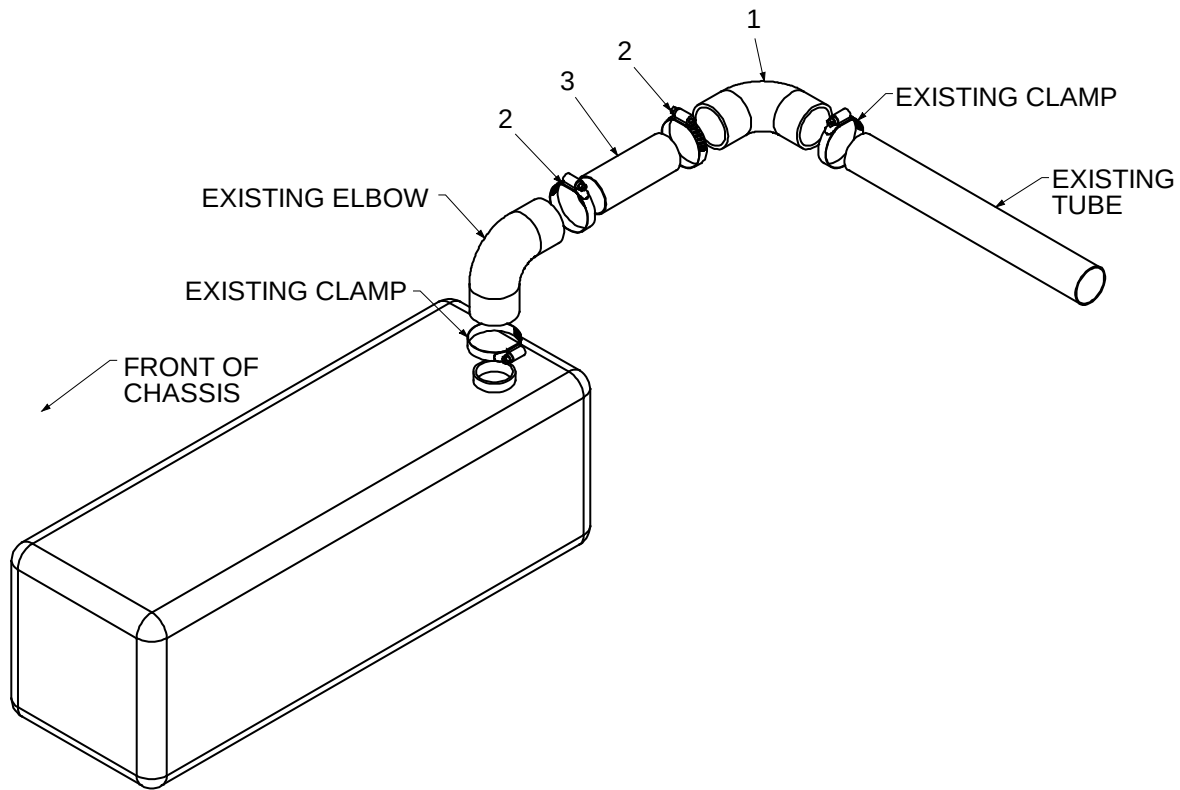
TO FILL NECK INSIDE OF BODY



TO FUEL TANK OF CHASSIS

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

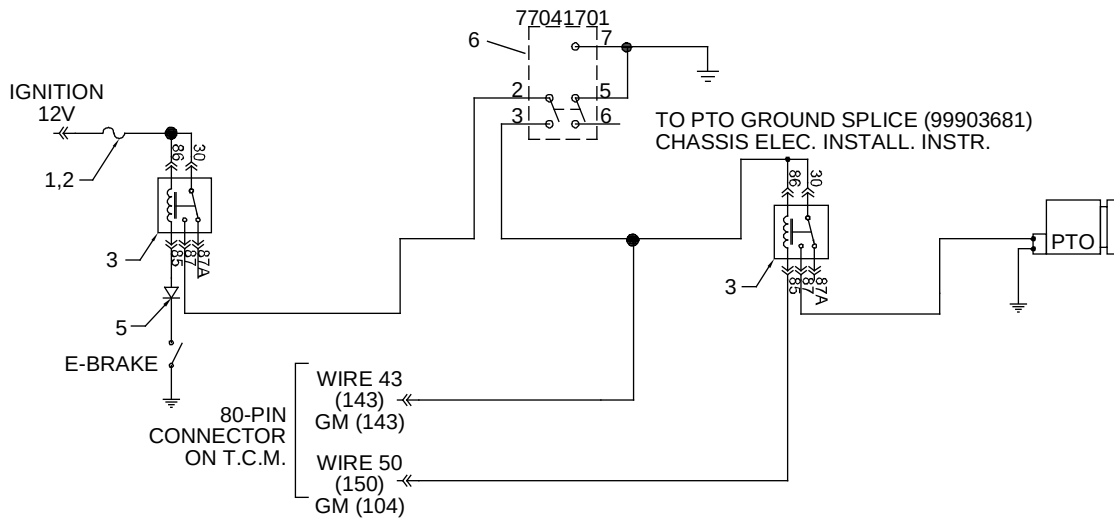
Fuel Fill, Chevy/GMC (99903710)



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

PTO Wiring Installation-2006 to Present (99904085)

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



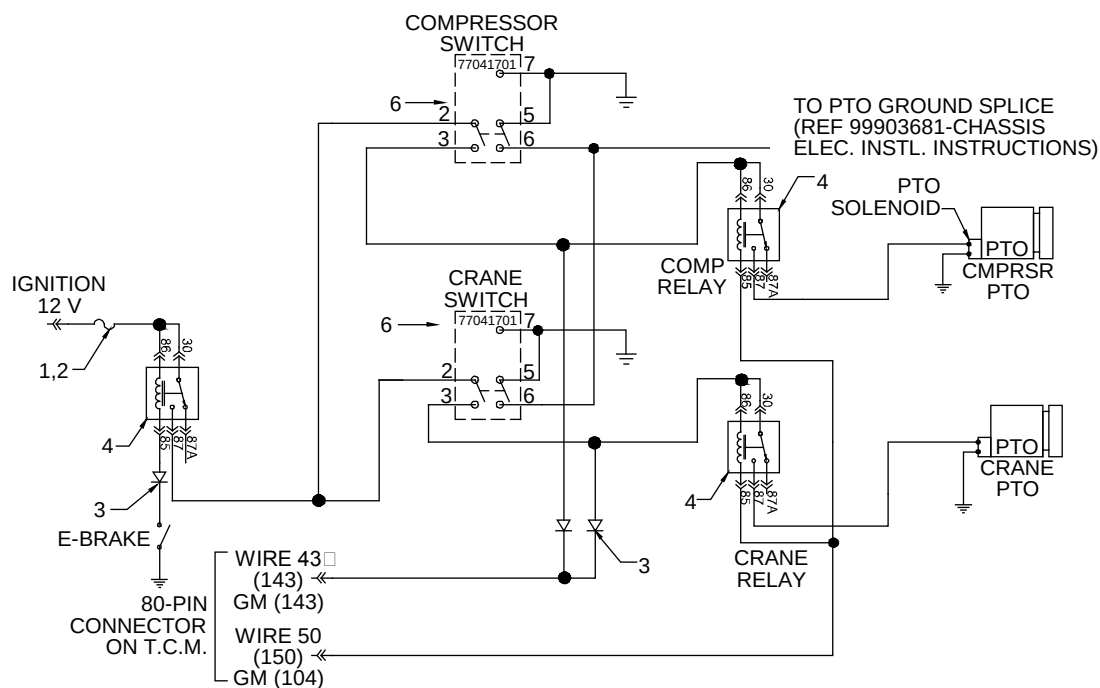
NOTE:

- 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)

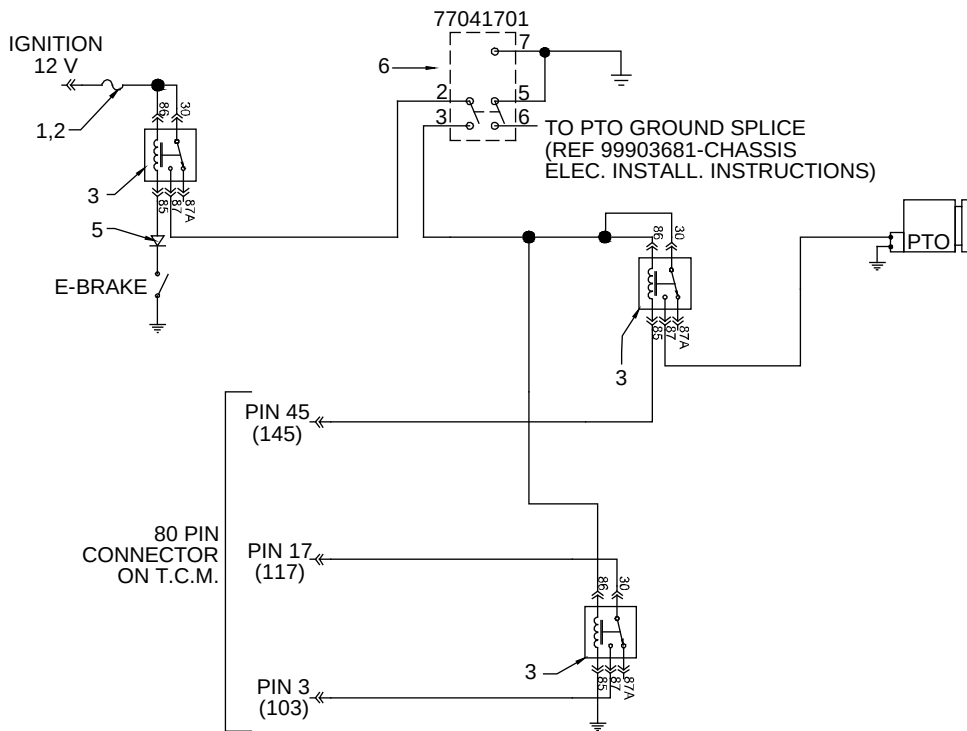
**NOTE:**

- 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)

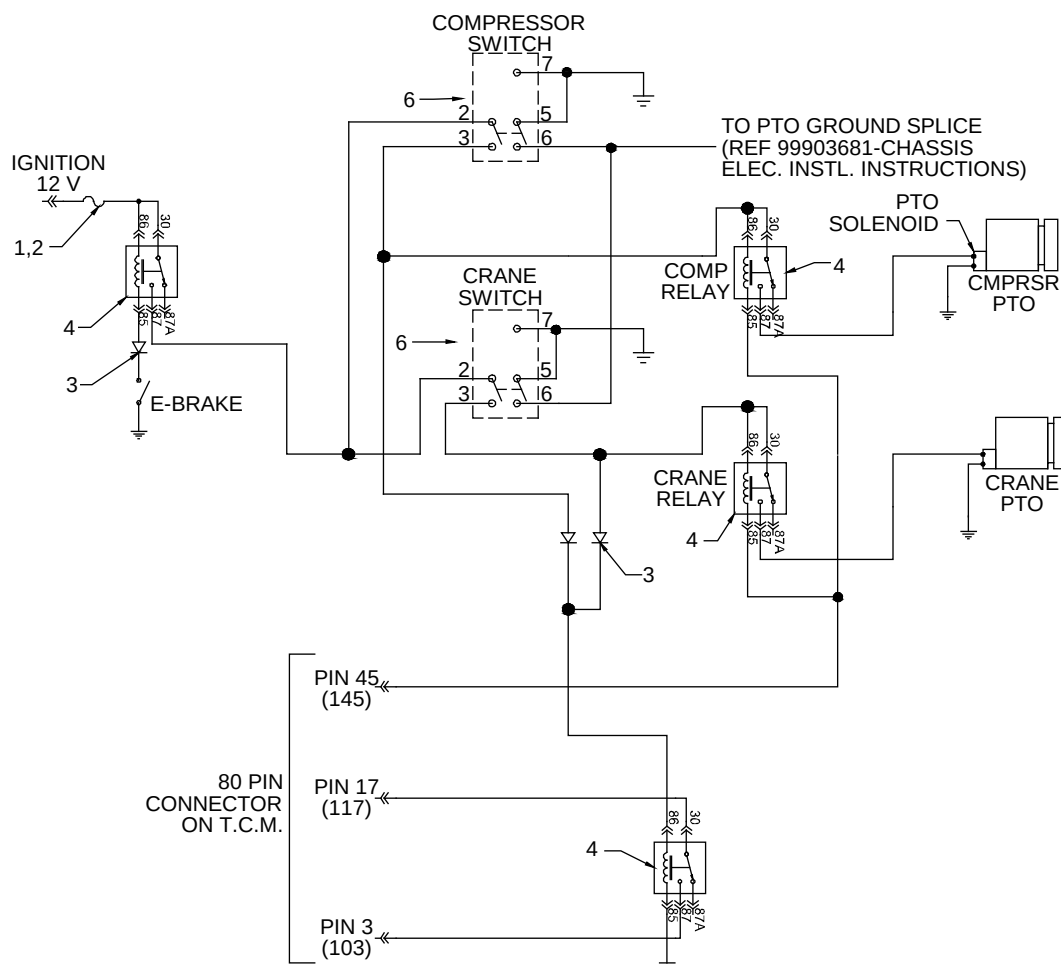
**NOTE:**

- 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

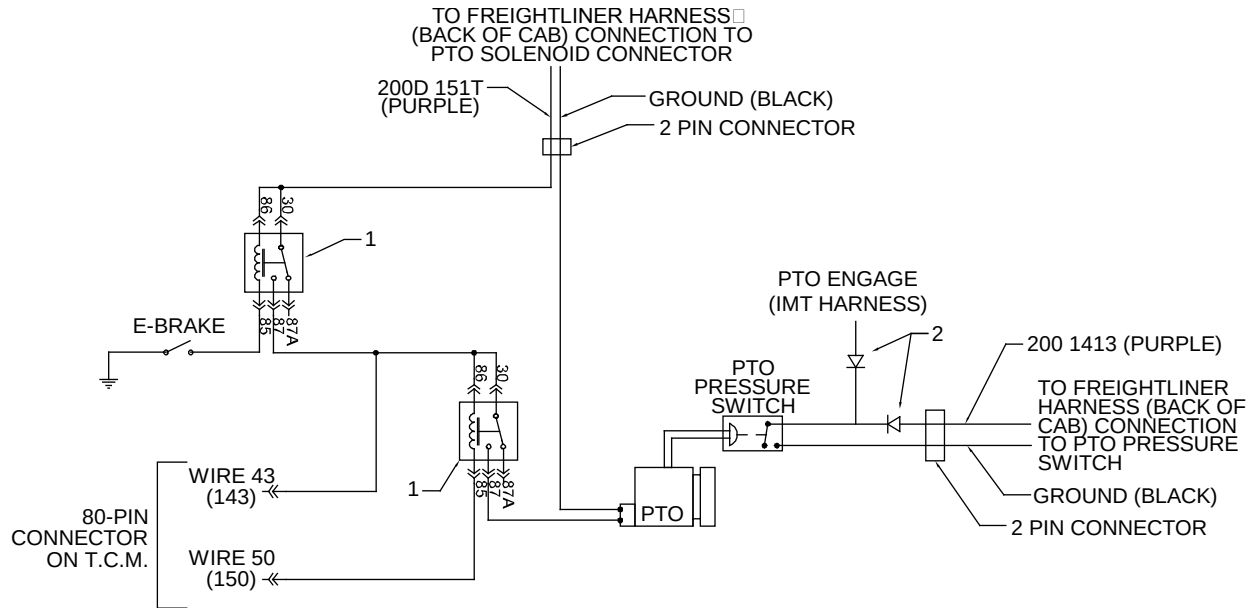
ALLISON T3000/T4000 4th GEN SINGLE PTO WIRING PARTS LIST

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)



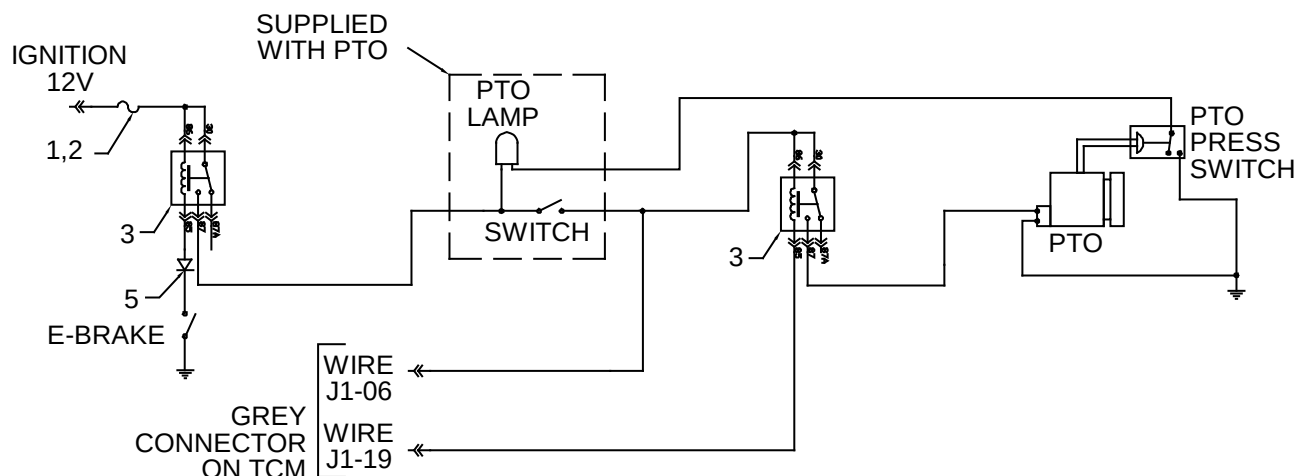
Allison T1000/T2000 TCM Freightliner - Single PTO (4th Generation) (2006-present) (99904085-5)



ALLISON T1000/T2000 4th GEN FREIGHTLINER PTO WIRING PARTS LIST			
ITEM	PART #	DESCRIPTION	QTY
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)



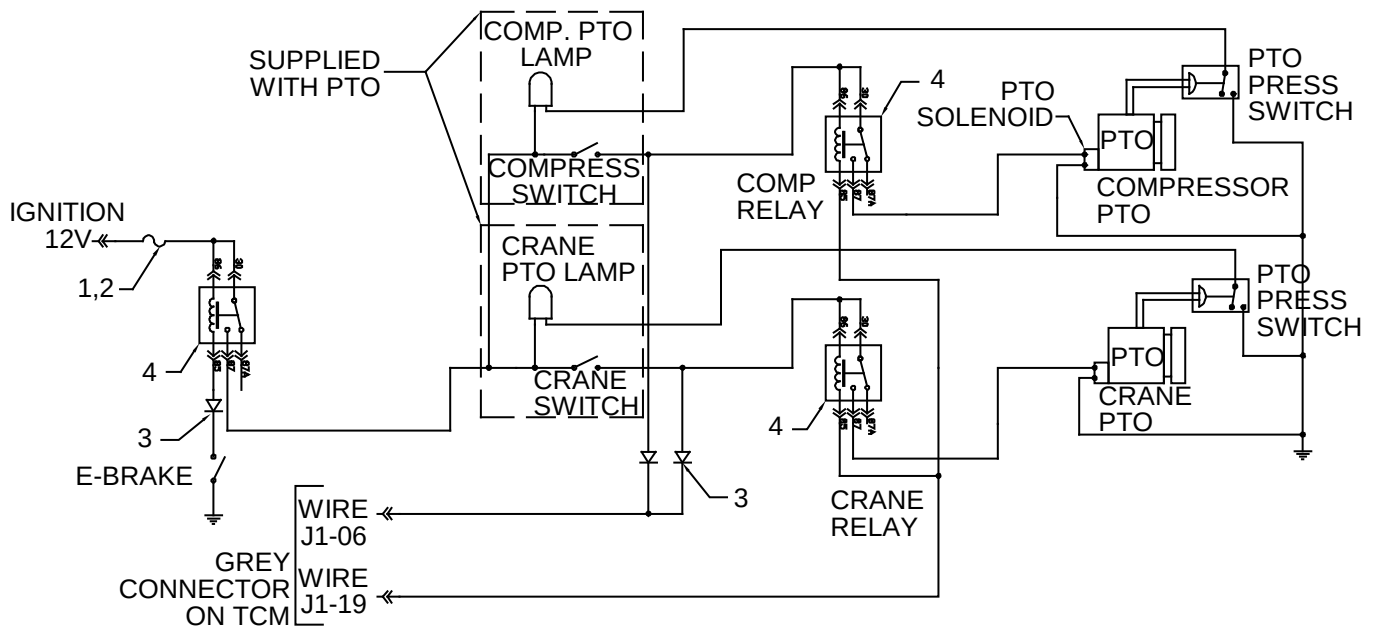
NOTE:

- 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)

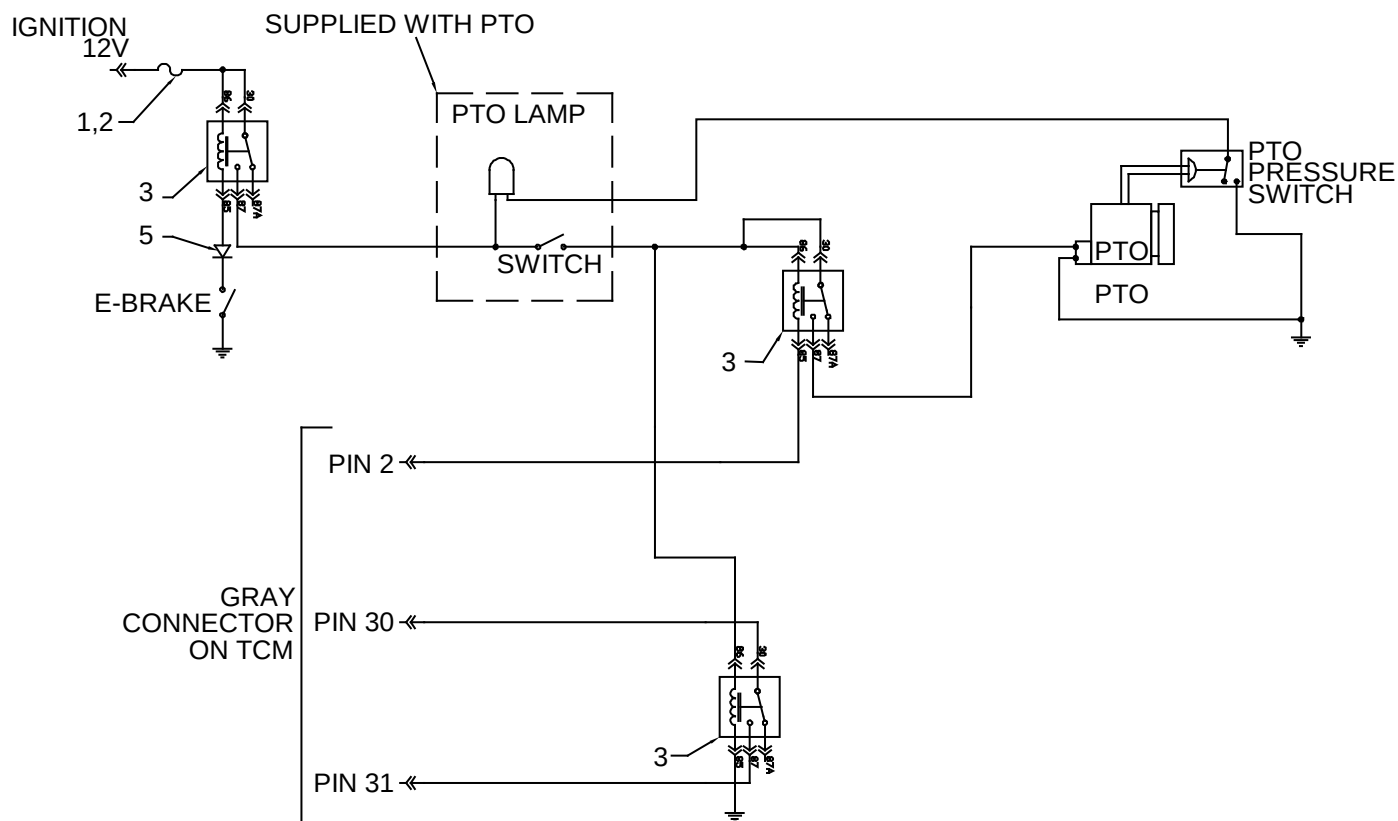


NOTE:

- 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)

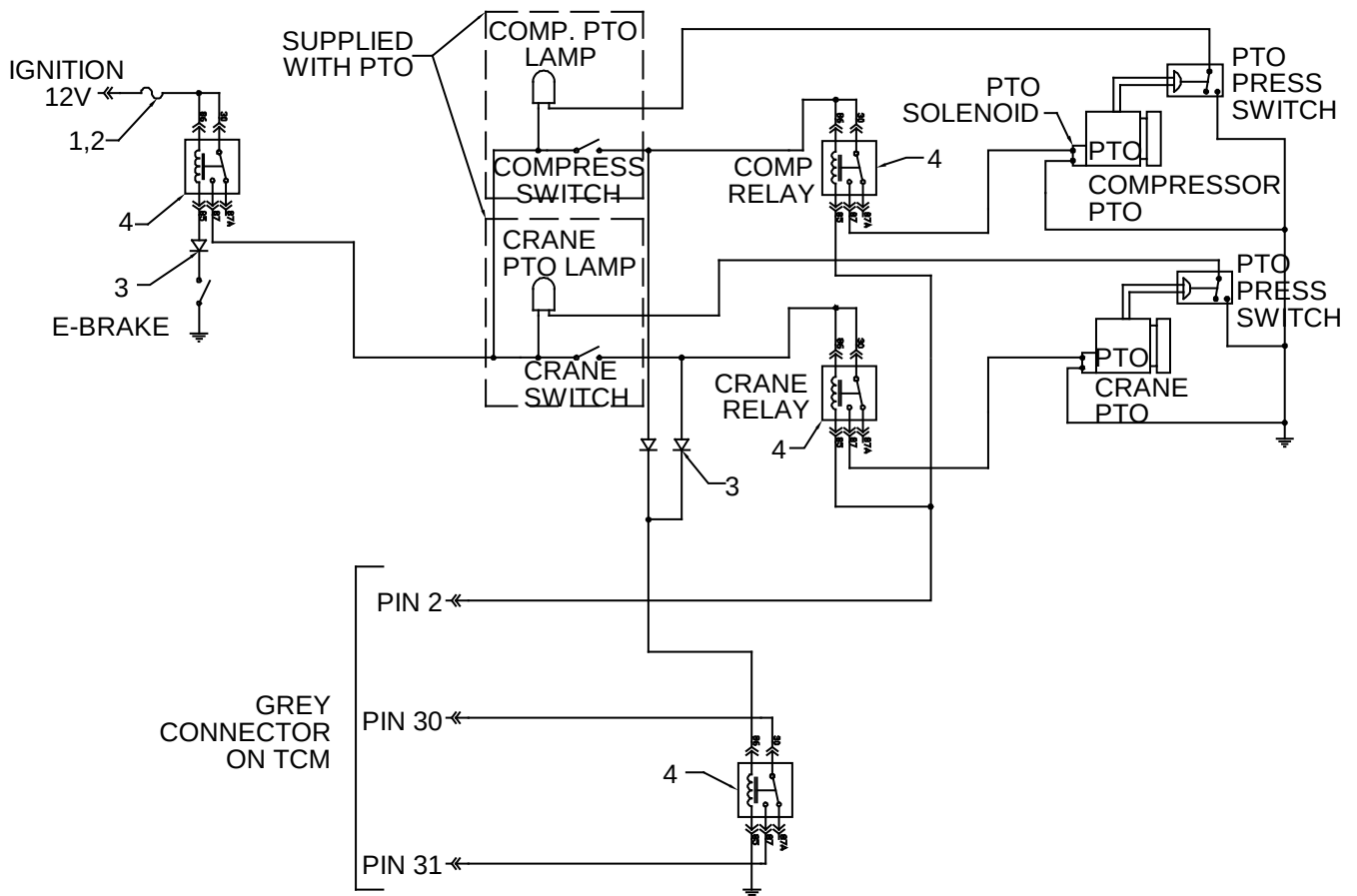
**NOTE:**

- 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)

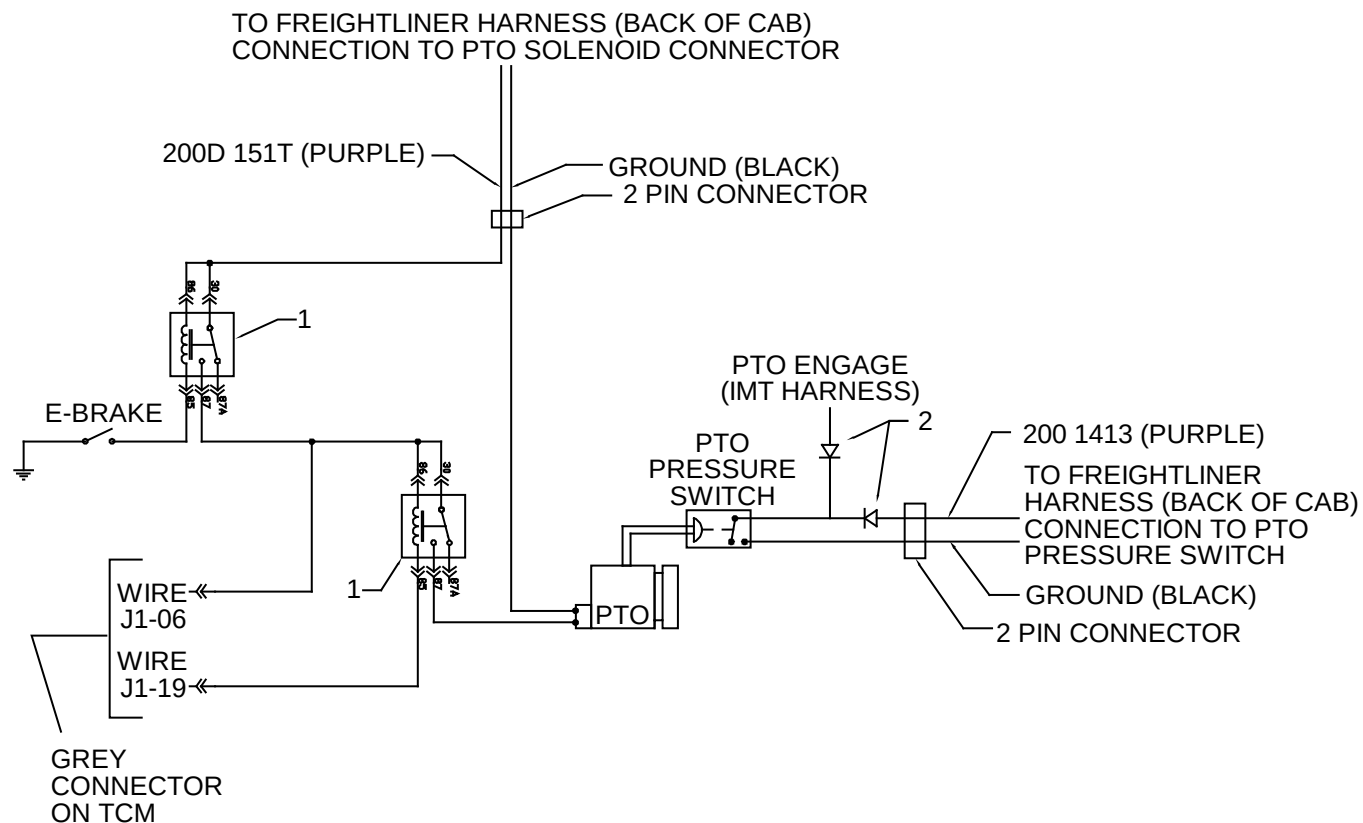
**NOTE:**

- 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

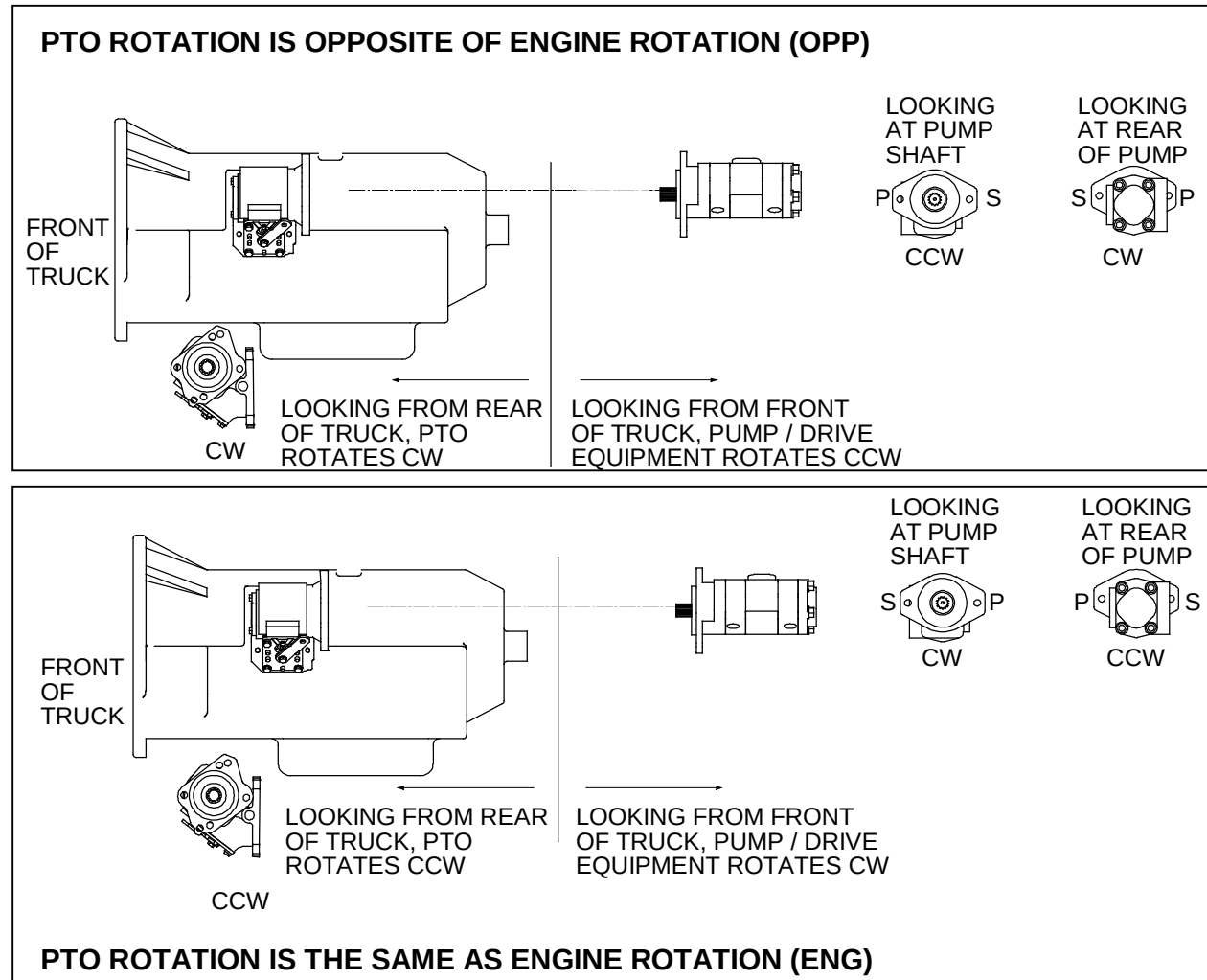
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77044764	FUSE HOLDER W/O FUSE	1
2.	77041527	FUSE-ATC 7.5 AMP	1
3.	77044556	DIODE 2.2 AMP	2
4.	77041251	RELAY	2
5.	77441047	TERMINAL, MP 150 16-18GA MALE	REF

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.

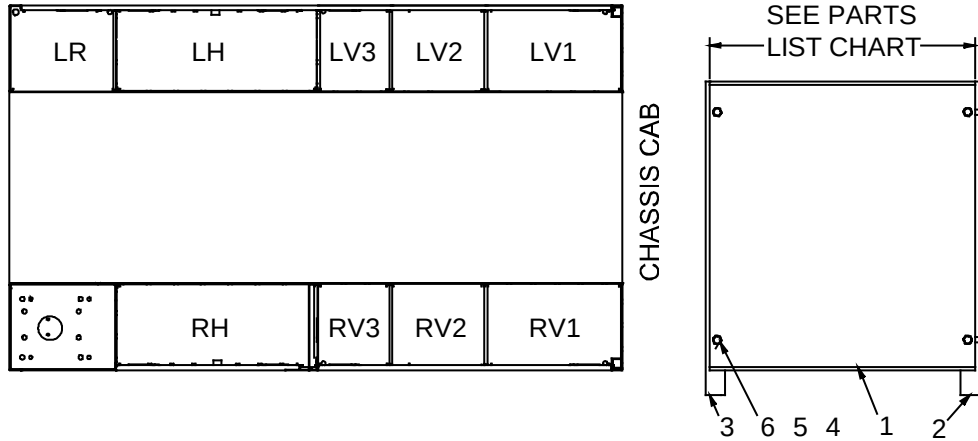
CHAPTER 4

Compartment Options

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Compartment Layout (99903658)



Compartment Key

LR	Left Rear
LV1	Left Vertical 1
LV3	Left Vertical 3
RV1	Right Vertical 1
RV3	Right Vertical 3

LH	Left Horizontal
LV2	Left Vertical 2
RH	Right Horizontal
RV2	Right Vertical 2

NOTE: The Left and Right Vertical 3 compartments are only used on Dominator II 13' and 14' bodies.

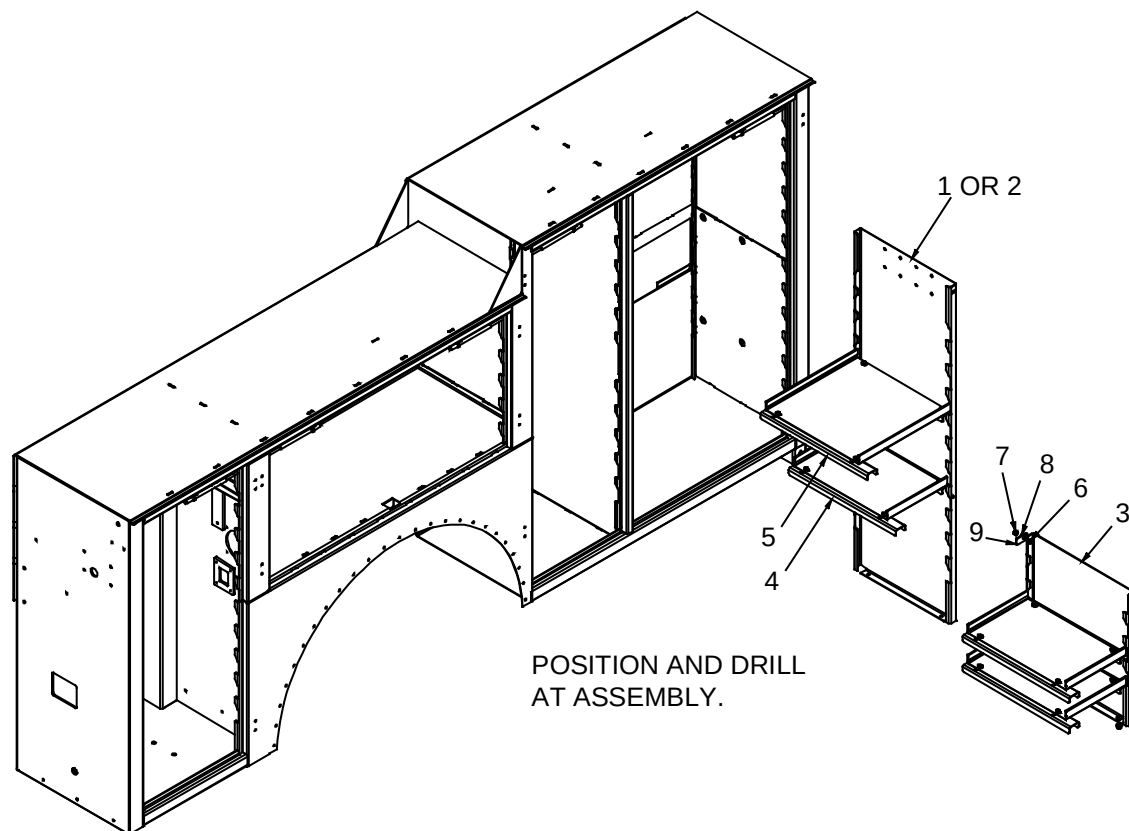
99903658 COMPARTMENT LAYOUT PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	SEE CHART	SHELF	1
2.	SEE CHART	SHELF END	1
3.	SEE CHART	SHELF END	1
4.	72062109	NUT .31-18 HEX NYLOC (WAS 72062167)	4
5.	72060023	CAP SCR .31-18X .75 HH (WAS 72601829)	4
6.	72063002	WASHER .31 FLAT 18-8 (WAS 72063184)	4
REV H 20060901			

Parts List, Shelves (99903658)

COMPARTMENT LOCATION	ITEM #3 - SHELF END	ITEM #1 - SHELF	ITEM #2 - SHELF END	SHELF WIDTH (INCHES)	SHELF DIVIDER (60251115)	SHELF KIT NUMBER
LEFT VERT 1	60126425	60126419	60126424	33.62		51718810
	60126425	60126422	60126424	33.62	6 INCLUDED	51718811
LEFT VERT 2-11'	60126429	60126418	60126424	17.5		51718812
	60126429	60126421	60126424	17.5	4 INCLUDED	51718813
LEFT VERT 2-13'	60126423	60128828	60126429	23		51719179
	60126423	60128829	60126429	23	4 INCLUDED	51719180
LEFT VERT 2-14'	60126423	60126419	60126429	33.62		51719177
	60126423	60126422	60126429	33.62	6 INCLUDED	51719178
LEFT VERT 3-13'	60126429	60126418	60126424	17.5		51718812
	60126429	60126421	60126424	17.5	4 INCLUDED	51718813
LEFT VERT 3-14'	60126429	60126418	60126424	17.5		51718812
	60126429	60126421	60126424	17.5	4 INCLUDED	51718813
LEFT HORIZONTAL 11',13',14'	60126423	60126417	60126429	49.75		51718814
	60126423	60126420	60126429	49.75	10 INCLUDED	51718815
LEFT HORIZONTAL 9'	60126423	60129328	60126429	47.13		51719911
	60126423	60129313	60126429	47.13	10 INCLUDED	51719924
LEFT REAR	60126697	60126416	60126423	25.75		51718816
	60126697	60126409	60126423	25.75	5 INCLUDED	51718817
RIGHT VERT 1	60126424	60126419	60126697	33.62		51718927
	60126424	60126422	60126697	33.62	6 INCLUDED	51718928
RIGHT VERT 2	60126424	60126418	60126429	17.5		51718812
	60126424	60126421	60126429	17.5	4 INCLUDED	51718813
RIGHT VERT 2-13'	60126429	60128828	60126423	23		51719179
	60126429	60128829	60126423	23	4 INCLUDED	51719180
RIGHT VERT 2-14'	60126423	60126419	60126429	33.62		51719177
	60126423	60126422	60126429	33.62	6 INCLUDED	51719178
RIGHT VERT 3-13'	60126424	60126418	60126429	17.5		51718812
	60126424	60126421	60126429	17.5	4 INCLUDED	51718813
RIGHT VERT 3-14'	60126424	60126418	60126429	17.5		51718812
	60126424	60126421	60126429	17.5	4 INCLUDED	51718813
RIGHT HORIZONTAL 11',13',14'	60126423	60126417	60126429	49.75		51718814
	60126423	60126420	60126429	49.75	10 INCLUDED	51718815
RIGHT HORIZONTAL 9'	60126423	60129328	60126429	47.13		51719911
	60126423	60129313	60126429	47.13	10 INCLUDED	51719924

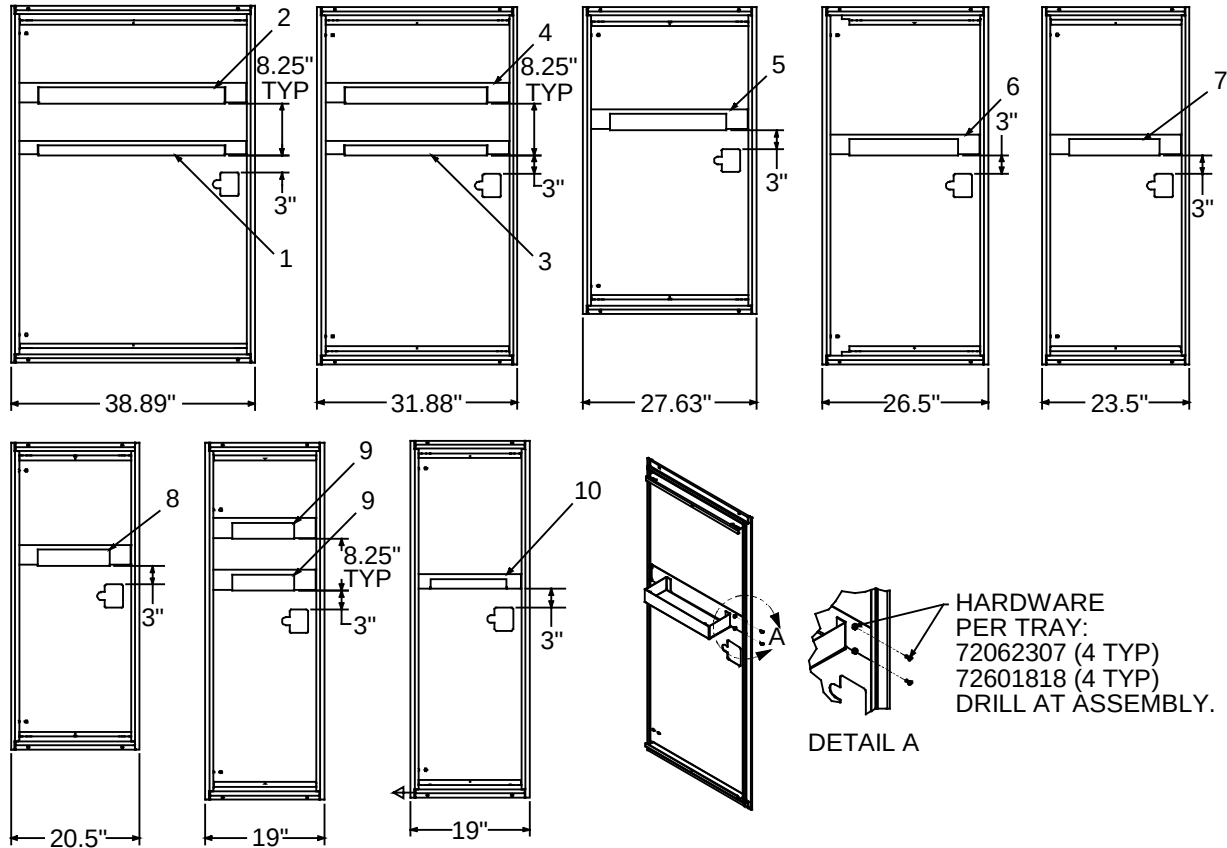
REV. M 20080214

Installation Drawing, Shelves (99903658)



99903658 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51720127	PANEL DIVIDER DOM ADJ SHELF 60"H (WAS 51718828)	1
2.	51720126	PANEL DIVIDER DOM ADJ SHELF 44", 52" H (WAS 51719173)	1
3.	51718829	PANEL DIVIDER DOM ADJ SHELF 22"H	1
4.	SEE CHART	SHELF KIT DOM 1.50"H 18.00 X 12.00	1
5.	SEE CHART	SHELF KIT DOM 1.50"H 18.00 X 18.00	1
6.	72601831	CAP SCR-SS .31-18X 1.00 HH	AS REQ'D
7.	72062167	NUT-SS .31-18 HEX NYLOC	AS REQ'D
8.	72062314	WASHER-SS-BONDED PLTD .31	AS REQ'D
REV. H 20060901			

Installation Drawing, Door Trays (99903667)



NOTE:

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

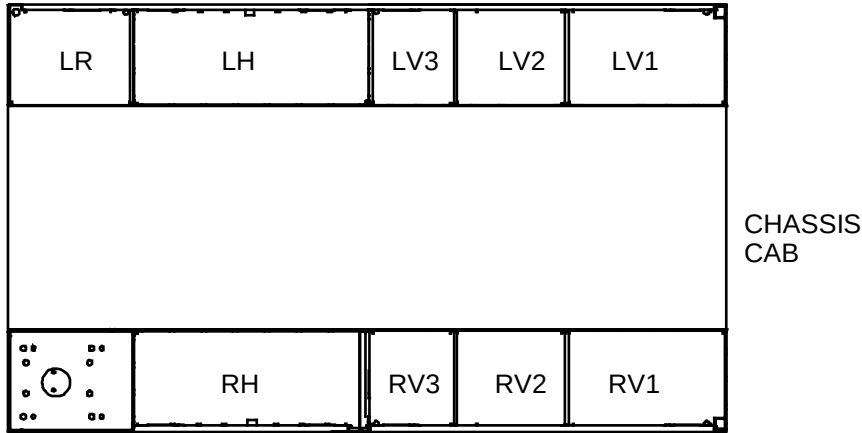
99903667 PARTS LIST

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

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

REV. D 20081112

Parts List, Drawer Units and Kits



Compartment Key

LR	Left Rear	RH	Right Horizontal
LH	Left Horizontal	RV3	Right Vertical 3
LV3	Left Vertical 3	RV2	Right Vertical 2
LV2	Left Vertical 2	RV1	Right Vertical 1
LV1	Left Vertical 1		

NOTE: The Left and Right Vertical 3 compartments are only used on Dominator II 13' and 14' bodies.

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

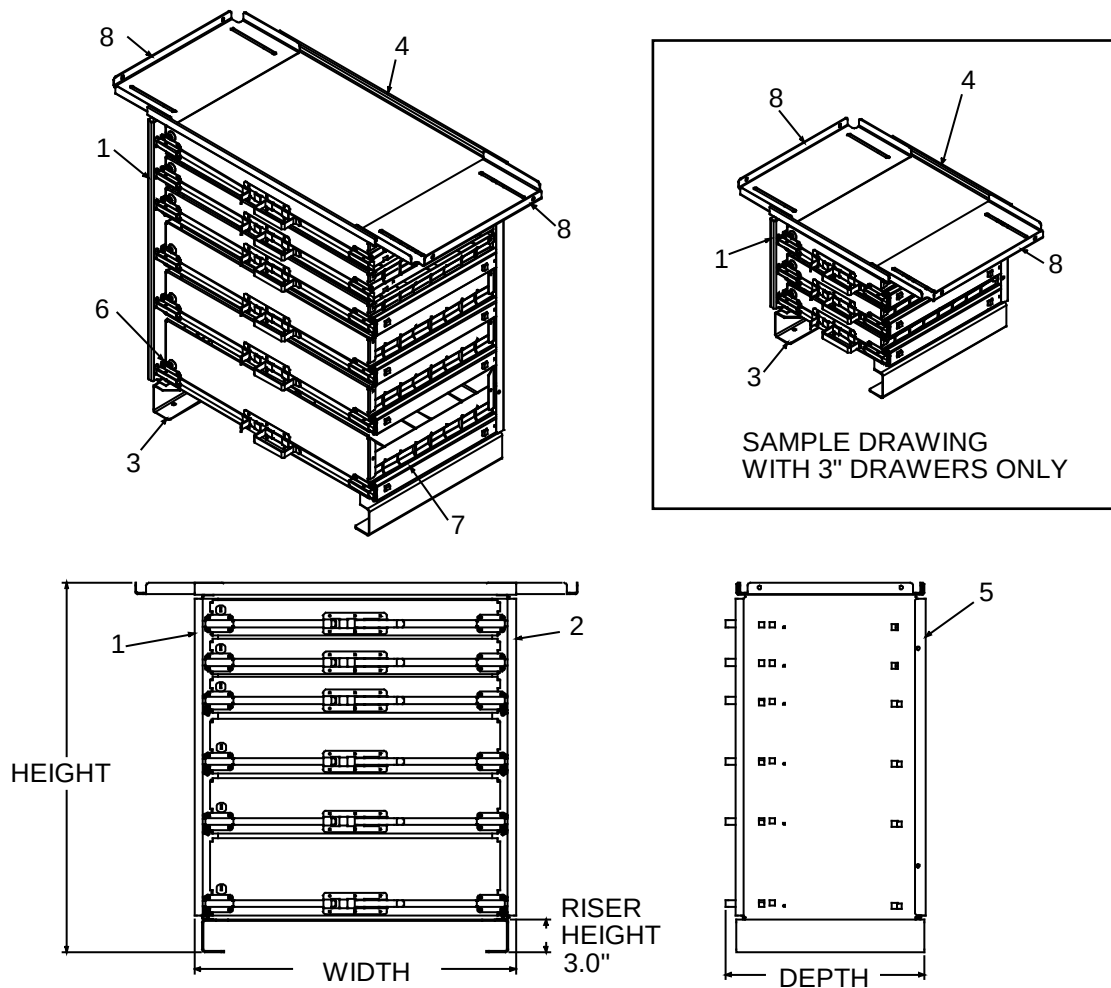
COMPARTMENT	BODY LENGTH	DRAWER SET WIDTH
LEFT & RIGHT VERTICAL 1	9', 11', 13', 14'	26" Wide
LEFT & RIGHT VERTICAL 2	11' & 13'	13" Wide
	14'	26" Wide
LEFT & RIGHT VERTICAL 3	13' & 14'	13" Wide
LEFT & RIGHT HORIZONTAL		39" Wide
LEFT REAR		13" Wide

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 - 11' & 13' BODIES; LEFT & RIGHT VERTICAL 3 - 13' & 14' BODIES	70733765	5			22"
		70733766		3		21"
		70733767	3	1		21"
		70733768	3			15"
		70733769		2	1	23"
		70733780	5	2	1	41"
		70733784	5	3		39"
		70733786	3	2	1	34"
		70733787	3	2	1	40"
		70733788	8	1		39"
		70733789	6	1		31"
		70733791	3	3		32"
		70733793	3	4		38"
26" WIDE	LEFT & RIGHT VERTICAL 1;	70733774	5			22"

DRAWER SET WIDTH	COMPARTMENT APPLICATION	PART #	3" HIGH DRAWERS	5" HIGH DRAWERS	7" HIGH DRAWERS	DRAWER SET OVERALL HEIGHT
	LEFT & RIGHT VERTICAL 2 - 13' & 14' BODIES	70733775		3		21"
		70733776	3	1		21"
		70733777	3			15"
		70733778		2	1	23"
		70733779	5	2	1	41"
		70733781	3	2	1	34"
		70733782	8	1		39"
		70733783		5	1	40"
		70733785	5	3		39"
		70733790	6	1		31"
		70733792	3	3		32"
		70733794	3	4		38"
39" WIDE	LEFT & RIGHT HORIZONTAL COMPARTMENTS	70733770	5			22"
		70733771		3		21"
		70733772	3	1		21"
		70733773		2	1	23"

Dominator I & II Drawer Set Reference Drawing

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



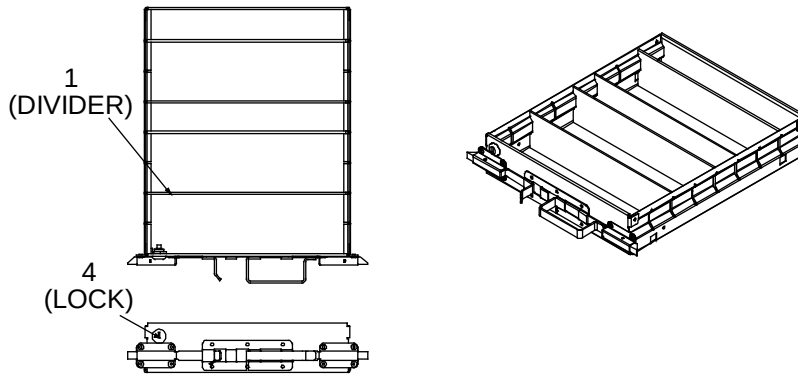
NOTE:

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

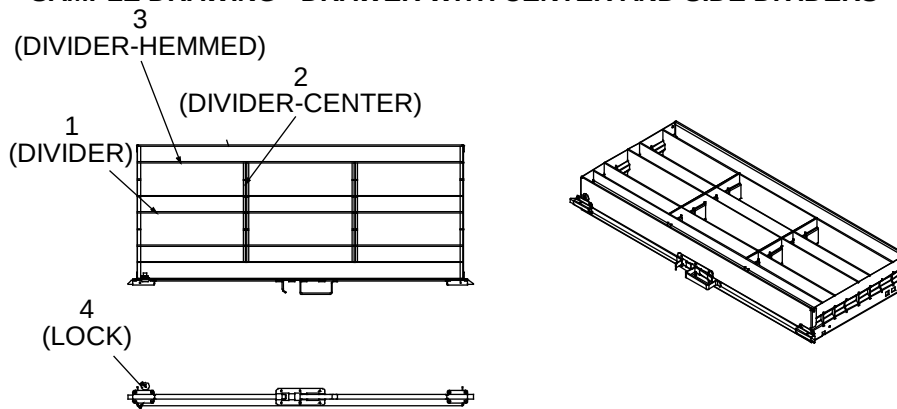
ITEM	DESCRIPTION	13" SET	26" SET	39" SET
1.	PANEL-SIDE, LH	REF	REF	REF
2.	PANEL-SIDE, RH	REF	REF	REF
3.	RISER	60130555	60130556	60130557
4.	SHELF	60130552	60130553	60130554
5.	PANEL-DRAWER BACK	REF	REF	REF
6.	DRAWER SLIDE W-TABS LH	70734171	70734171	70734171
7.	DRAWER SLIDE W-TABS RH	70734173	70734173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

Drawer Components

SAMPLE DRAWING - DRAWER WITH 4 DIVIDERS



SAMPLE DRAWING - DRAWER WITH CENTER AND SIDE DIVIDERS



NOTE:

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

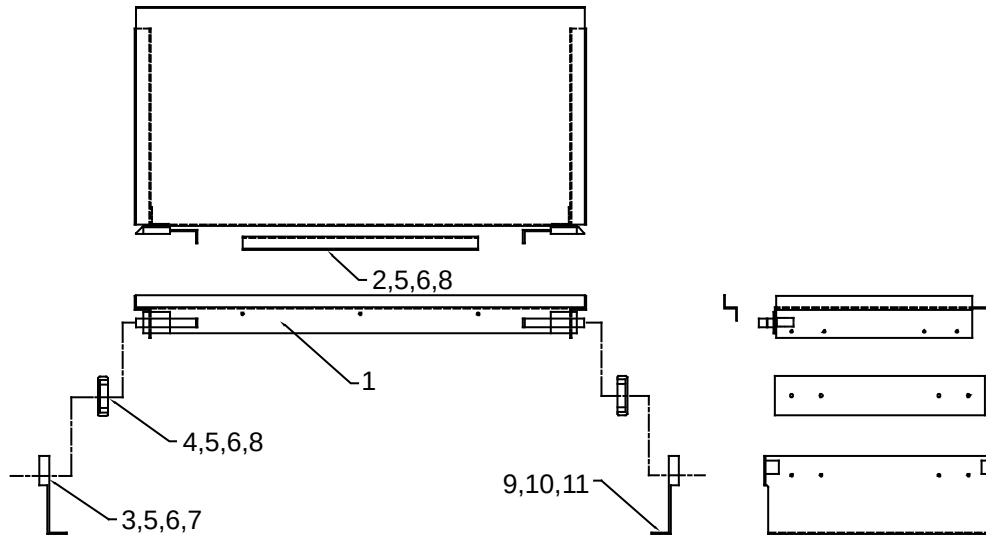
DRAWER PART #	DRAWER WITH DIVIDER DIMENSIONS	DRAWER COMPONENT PART NUMBERS (QUANTITY IN PARENTHESES)		
		ITEM 1-DIVIDER	ITEM 2- DIVIDER, CENTER	ITEM 3- DIVIDER, HEMMED
70733800	3" H X 13" W	60251081 (4)		
70733802	5" H X 13" W	60251233 (4)		
70733803	7" H X 13" W	60251233 (4)		
70733798	3" H X 26" W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

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.

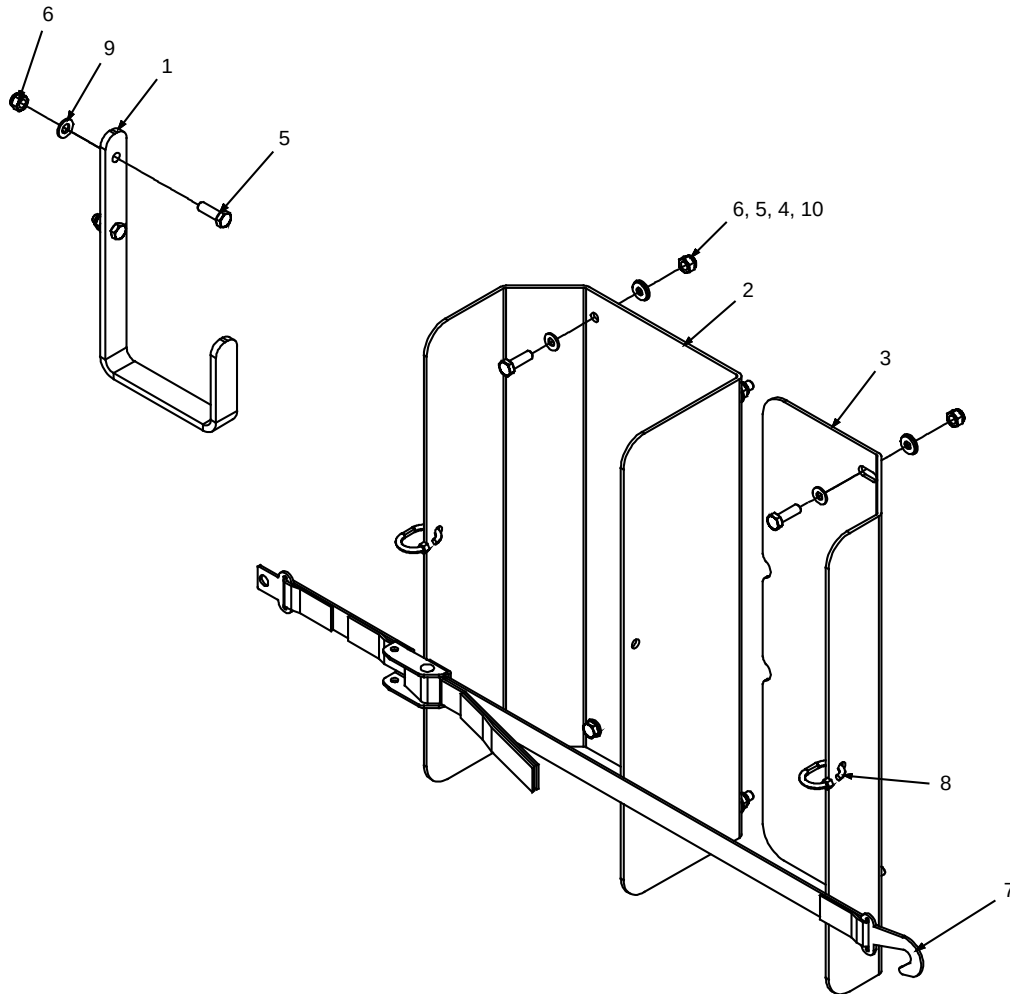
Tool Box Tray (51711548)



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

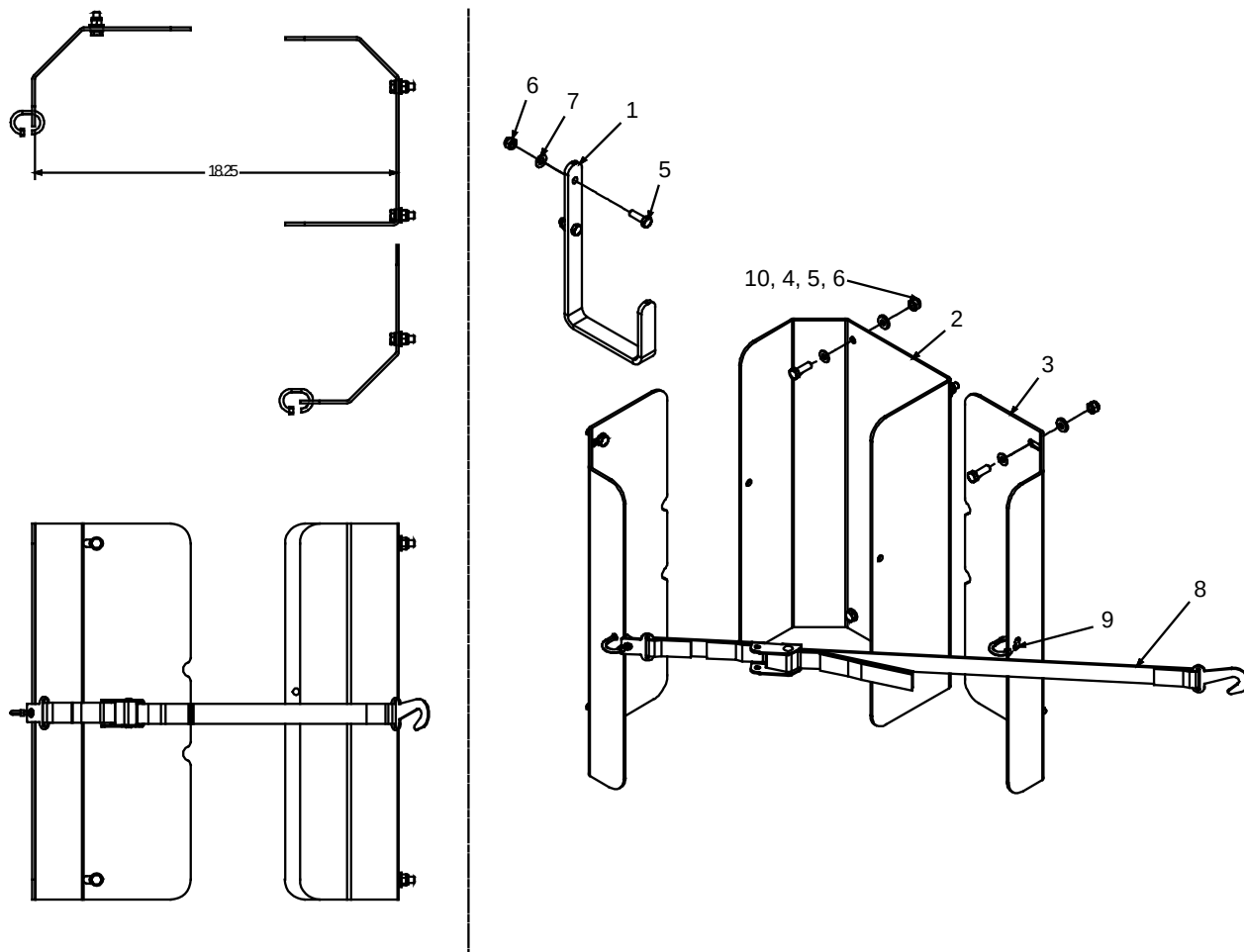
REV. A 20041230

Tank Bracket, 2-Bottle (51719752)



51719752 PARTS LIST			
ITEM	PART #	DESCRIPTION	QTY
1.	60140829	HOOK-J HOSE CMPT	1
2.	60129198	D(II)-BRACKET OXY/ACET BOTTLE DOM1	1
3.	60129197	D(II)-BRACKET OXY/ACET BOTTLE DOM1	1
4.	72063001	WASHER .25 FLAT	6
5.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	8
6.	72062109	NUT .31-18 HEX NYLOCK	8
7.	70733516	STRAP-36in BOTTLE HOLDER W/ SNAP HOOK	1
8.	70058959	CHAIN CONNECTOR-THREADED .19	2
9.	72063002	WASHER .31 FLAT	2
10.	76392598	WASHER-BONDED PLTD .31	6
REV E 20130401			

Tank Bracket, 3-Bottle (51720021)

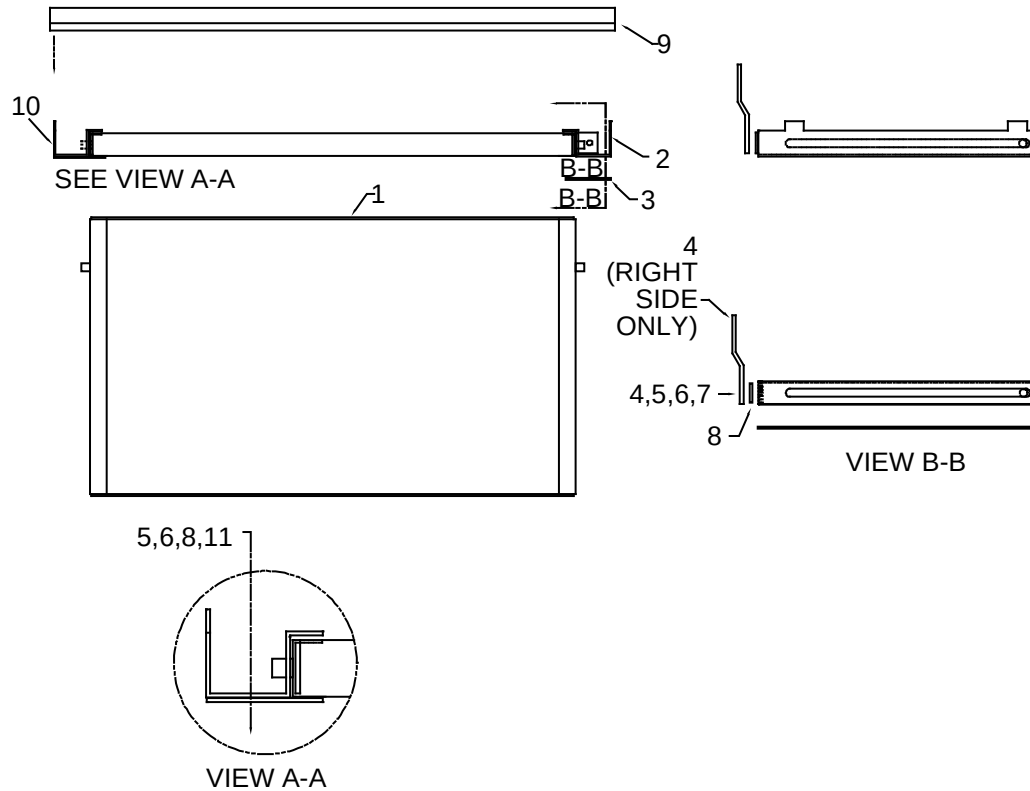


51720021 PARTS LIST

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

REV E 20130401

Slide Out Tray (51713240)



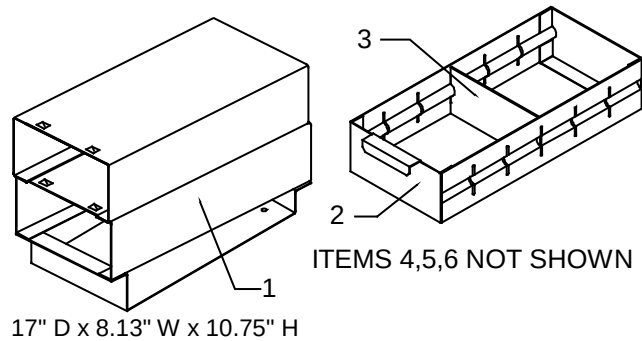
51713240 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52714765	SHELF	1
2.	60121211	MOUNTING BRACKET, HORIZONTAL (RIGHT HAND)	1
3.	60121212	SPACER-HORIZ BOOK TRAY	2
4.	60010921	LATCH-COMPRESSOR GATE	1
5.	72060025	CAP SCR 0.31-18 X1 HHGR5Z	5
6.	72062109	NUT 0.31-18 X HEX NYLOC ZINC	5
7.	72063050	WASHER 0.31 LOCK ZINC	1
8.	72063002	WASHER 0.31 W FLAT	9
9.	60121216	SHELF - ADJ	1
10.	60121215	BRACKET-MOUNTING (LEFT HAND)	1
REV. A 20060830			

Pull-Out Bin Sets

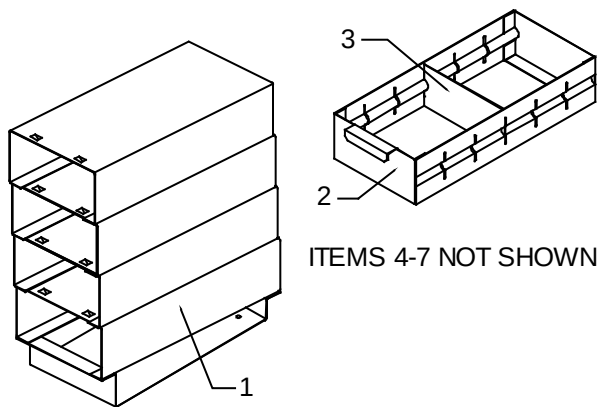
Pull-out bins are available for IMT Dominators in sets of 2, 4, 5, 16, and 18 units.

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

2-Bin Set with Base (51712650)

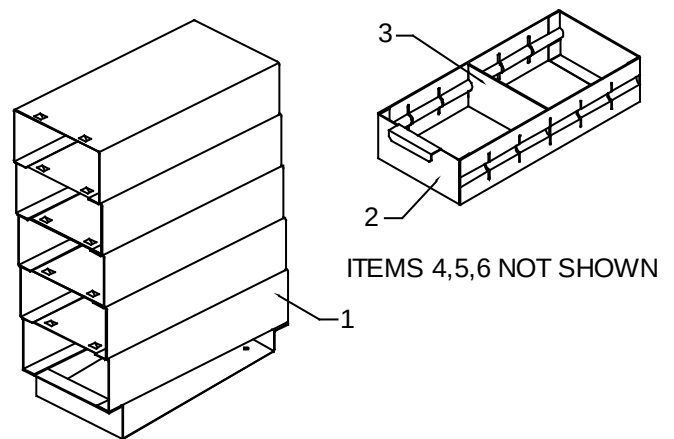


4-Bin Set with Base (51704193)



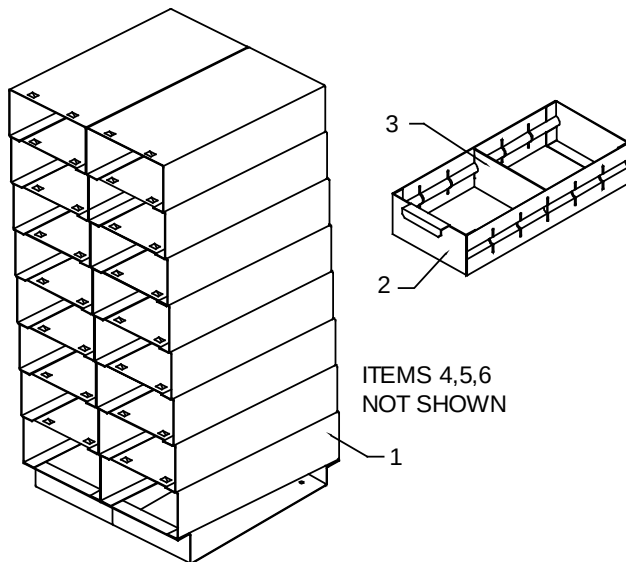
17" D x 8.13" W x 19" H

5-Bin Set with Base (51704194)



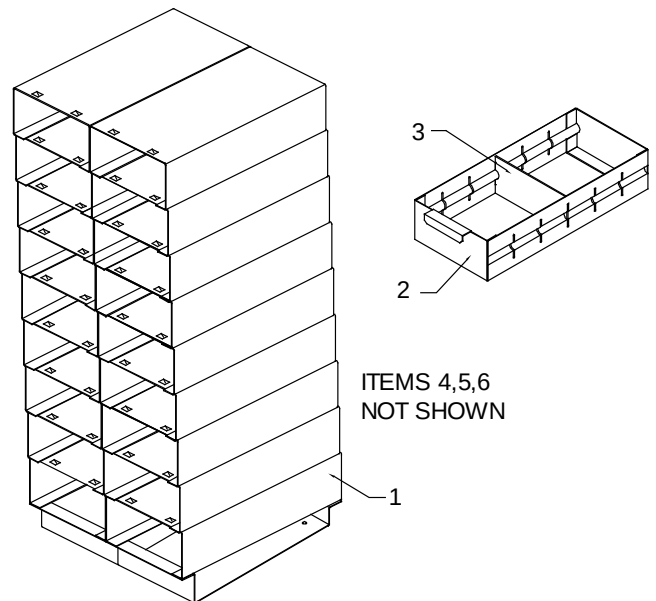
17" D x 8.13" W x 23" H

16-Bin Set with Base (51709946)



17" D x 16.26" W x 35" H

18-Bin Set with Base (51704282)



17" D x 16.26" W x 39" H

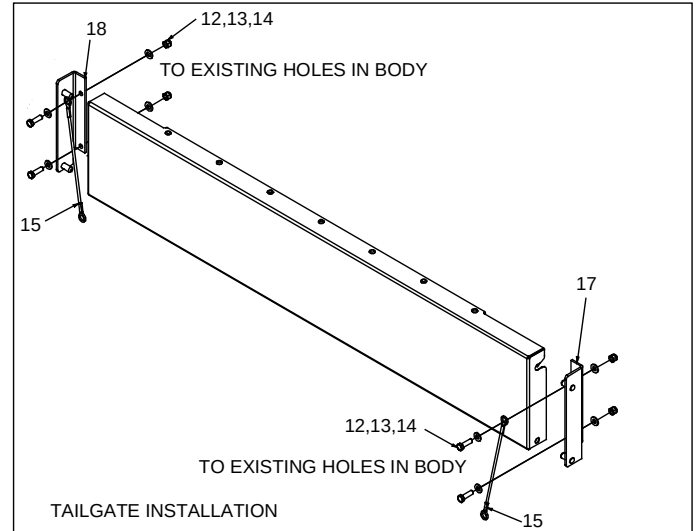
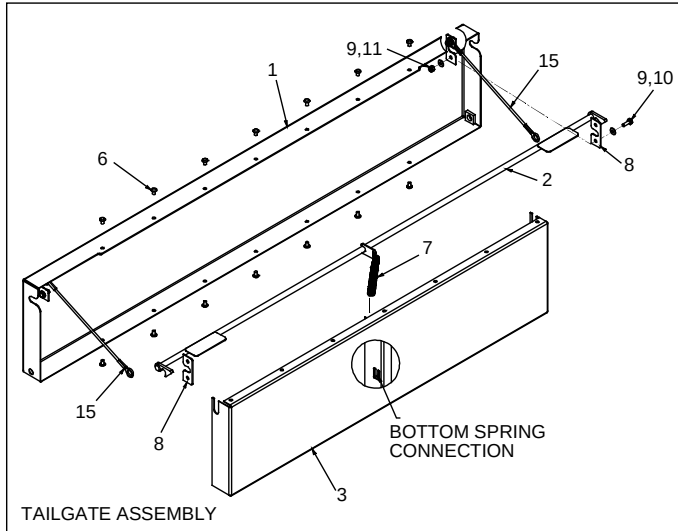
CHAPTER 5

Tailgate & Bumper Options

In This Chapter

Tailgate Assembly (51718801)	89
Tailgate - Workbench (51720357)	92
Bumper Hitch & Workbench Options	93

Tailgate Assembly (51718801)



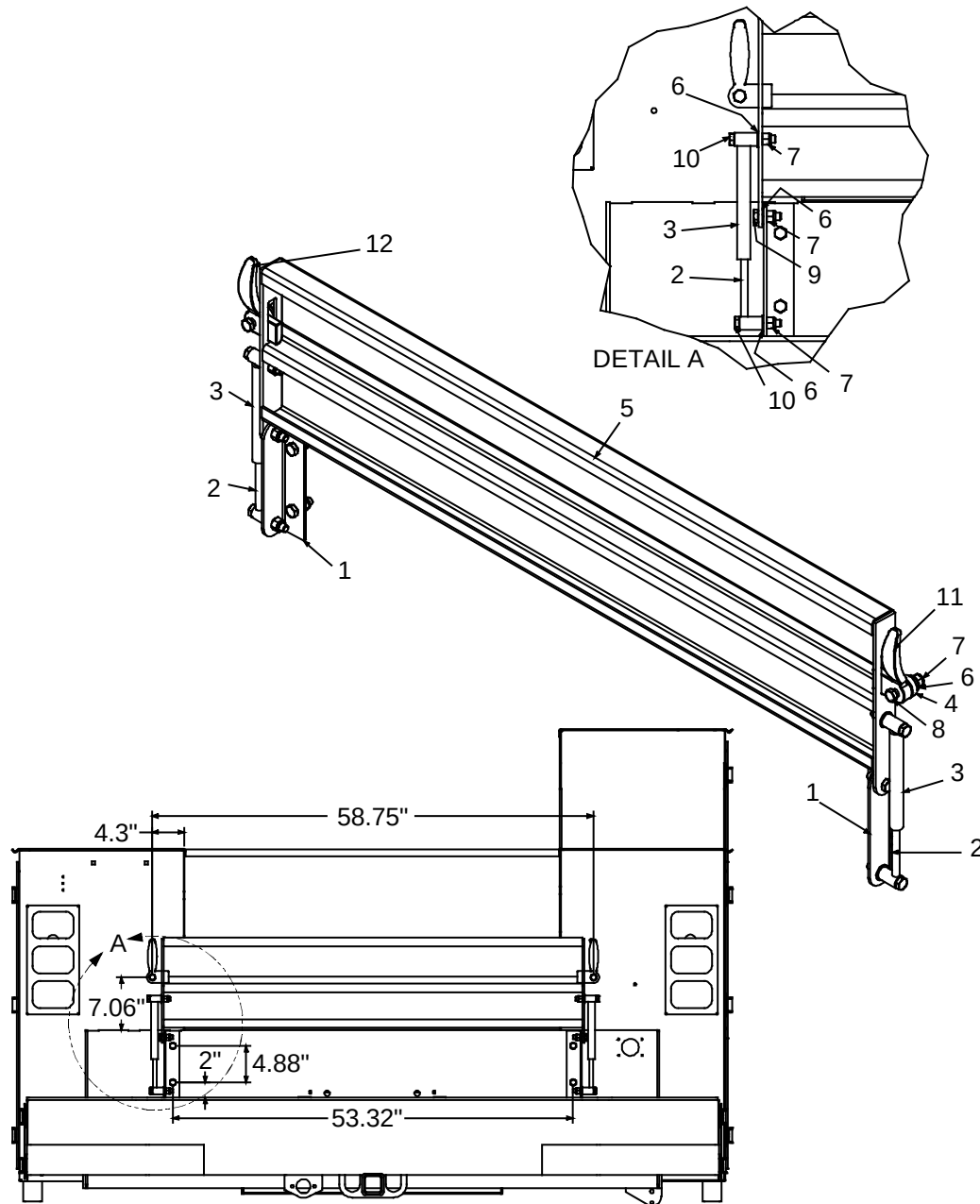
INSTALLATION NOTES:

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

51718801 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52718802	TAILGATE WELDMENT REAR COVER	1
2.	52718803	TAILGATE WELDMENT LATCH ROD	1
3.	52718804	TAILGATE WELDMENT FRONT COVER	1
6.	72661226	RIVET-ALUMINUM .257 DIA X .38 GRIP	14
7.	71411138	SPRING-COMPRESSION .50 X 3.50 X 14GA	1
8.	60126539	BRACKET, TAILGATE REAR COVER	2
9.	72063001	WASHER .25 FLAT (WAS 72063166)	8
10.	72060002	CAP SCR .25-20X .75 HH GR5Z	4
11.	72062104	NUT .25-20 HEX NYLOC (WAS 72062194)	4
12.	72063003	WASHER .38 FLAT (WAS SS)	8
13.	72060047	CAP SCREW .38-16X 1.25 HHGR5Z (WAS 72601835)	4
14.	72062103	NUT .38-16 HEX NYLOC (WAS 72062197)	4

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

Tailgate - Workbench (51720357)

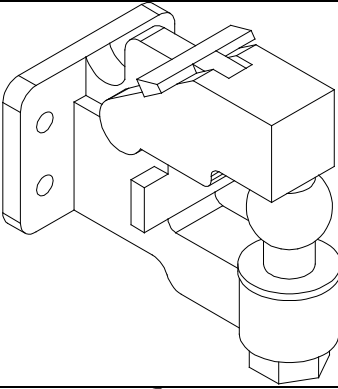
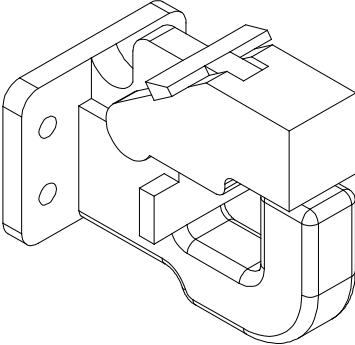
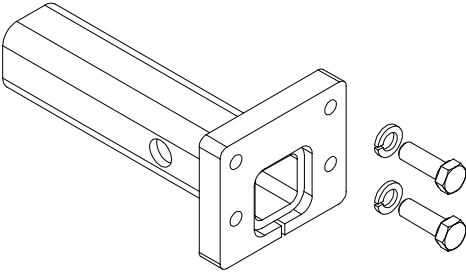
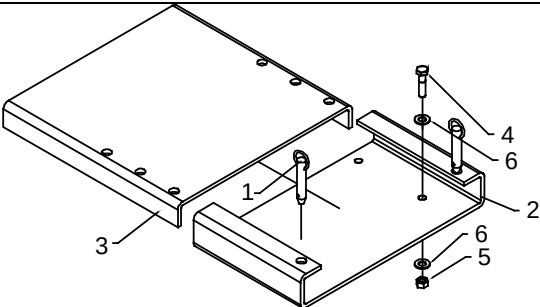


NOTES:

- 1 PLUG STANDARD UPPER HOLE FOR GRAB HANDLE WITH PLUG # 70395476 (QTY 2).
- 2 GRAB HANDLE WILL BE ROTATED TO BE STRAIGHT UP AND DOWN. DRILL NEW UPPER HOLE FOR GRAB HANDLE.
- 3 PLUG HOLES FOR STANDARD SLAM TAILGATE WITH PLUG # 70396925 (QTY 4).

51720357 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60130068	MTG ANGLE-TAILGATE	2
2.	52720359	SUPPORT ROD-WORKBENCH	2
3.	52720358	SUPPORT TUBE-WORKBENCH	2
4.	60030243	SPACER-POL .52X 1.50X .50	2
5.	52720360	TAILGATE-WORKBENCH-WLDMT 12inH	1
6.	72063005	WASHER .50 FLAT	12
7.	72062080	NUT .50-13 HEX NYLOCK	12
8.	72060096	CAP SCR .50-13X 2.50 HH GR5 Z	2
9.	72060093	CAP SCR .50-13X 1.50 HH GR5 Z	6
10.	72060986	CAP SCR .50-13X 2.75 HH GR5 Z	4
11.	72066368	LATCH-END GATE LEFT HAND	1
12.	72066369	LATCH-END GATE RIGHT HAND	1
13.	99903747	BODY WELD DRAWING	REF
NEW 20060908			

Bumper Hitch & Workbench Options

Dominator I/DSC20 Bumper Hitch & Workbench Options		
PART NUMBER	DESCRIPTION	NOTES
51709516	Pintle ball combination with 2" removable ball for hitch receiver mounting	
51709517	Hitch for hitch receiver mounting	
51710172	Vise mounting bracket	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
51720004	Pintle hitch mount	

CHAPTER 6

Air System Options

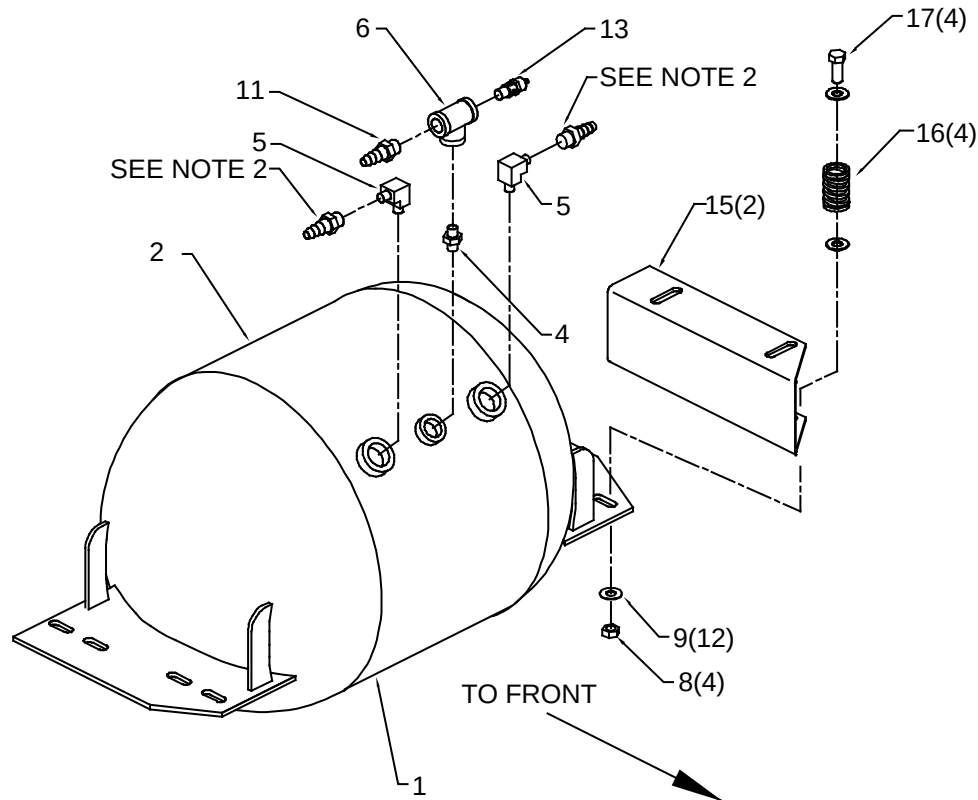
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Air Tank Options

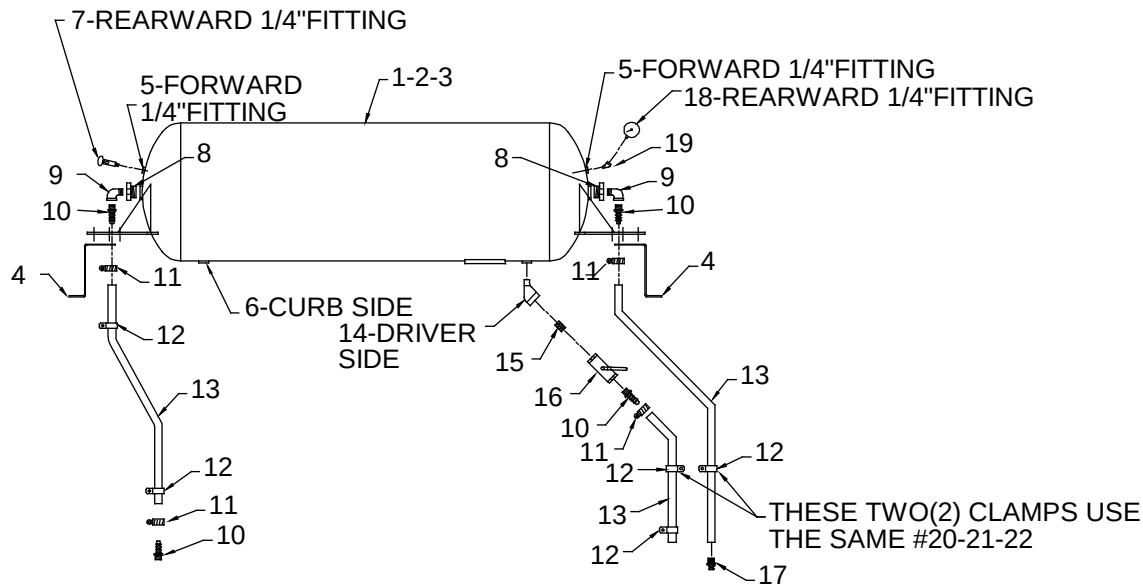
PART #	DESCRIPTION	LOCATION
51706697	Air Tank Kit, 22.5 Gal	Mount between the frame for all units.
51707363	Air Tank Kit, 2 - 15 Gal (30 Gal Total)	Mount between the frame at the rear of the body.
51709804	Air Tank Kit, 22 Gal	Mount on one side parallel to driveshaft.
51709693	Air Tank Kits, 2- 15 Gal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

Air Tank Kit, 22.5 Gallon (51706697)



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

Air Tank Kit, 35 Gallon (51708336)



NOTES:

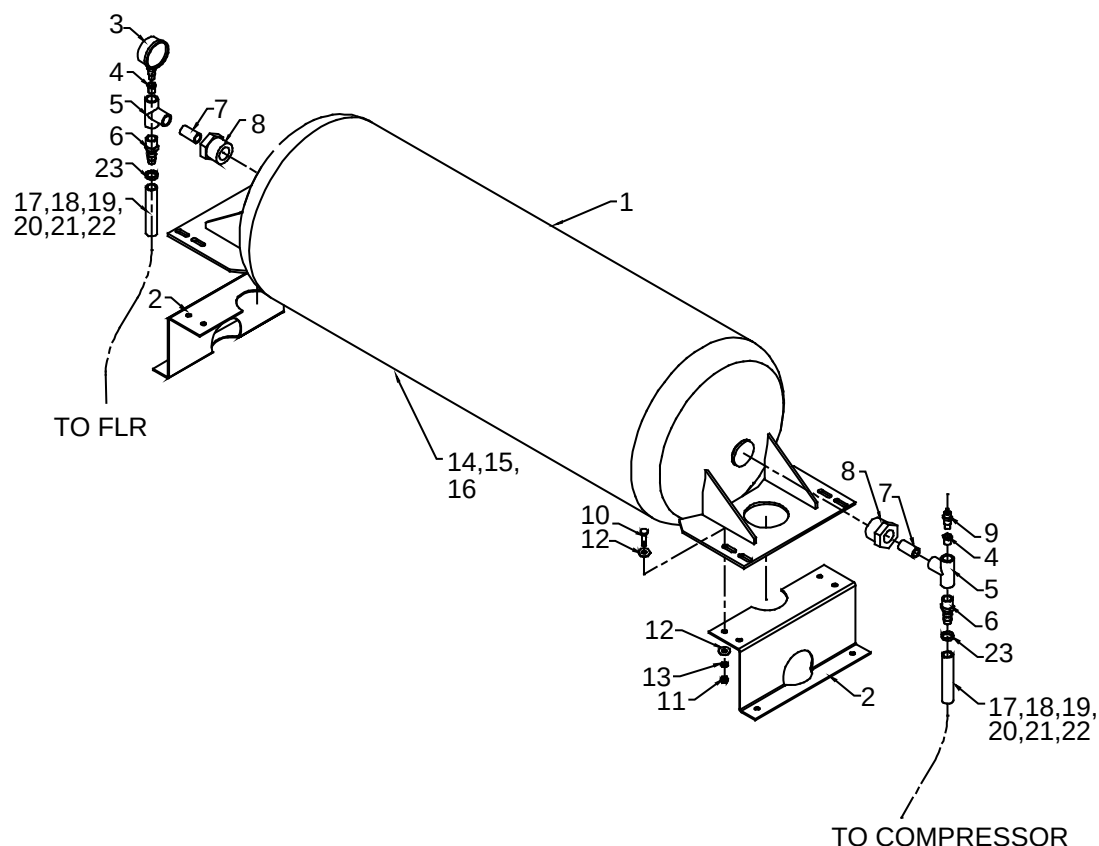
- 1 ITEMS 23-27 ARE USED TO SECURE TANK (#1) TO BRACKET (#4), AND BRACKET TO BODY.
- 2 ITEMS 20-22 ARE USED TO SECURE CLAMP (#12) TO BODY.
- 3 ITEM 28 AND ONE OF ITEM 9 MAY NOT BE REQUIRED, OR MAY REPLACE ITEMS 14 & 15.

51708336 PARTS LIST

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

51708336 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
18.	70048015	GAUGE-PRESSURE AIR 300#	1
19.	72053170	ELBOW-STREET BLK .25 X 45°	1
20.	72060004	CAP SCR .25-20X 1.00 HH GR5Z	4
21.	72063001	WASHER .25 W FLAT ANSI B27.2Z	8
22.	72062104	NUT .25-20 HEX NYLOC ZINC	4
23.	72060047	CAP SCR .38-16 X 1.25 HH GR5 ZINC	8
24.	72063003	WASHER .38 W FLAT ANSI B27.2Z	20
25.	72062103	NUT .38-16 HEX NYLOC ZINC	12
26.	72060046	CAP SCR .38-16 X 1.00 HH GRD5 ZINC	4
27.	76392821	WASHER-BONDED PLTD .38	4
28.	72053152	NIPPLE-PIPE BLK .75 X 5.00	1
REV. C 20080613			

Air Tank Kit, 58 Gallon (51708369)



NOTE:

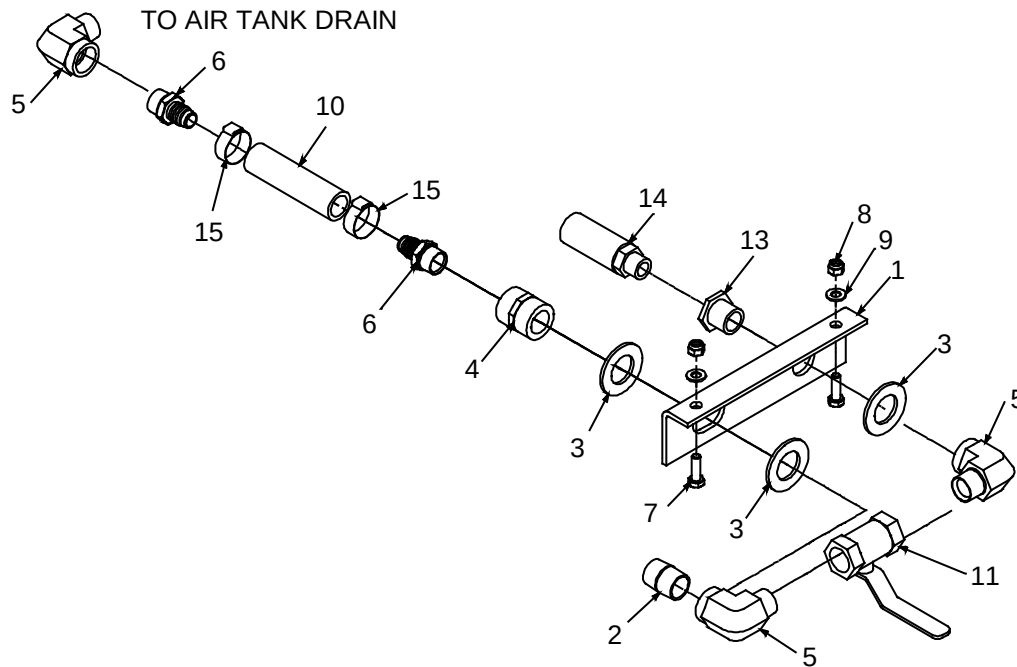
- 1 LOCATE DECAL #24 AS CLOSE TO DRAIN VALVE AS POSSIBLE, IN CLEAR VIEW OF OPERATOR.

51708369 PARTS LIST

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

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

Air Tank Drain Assembly (51709358)

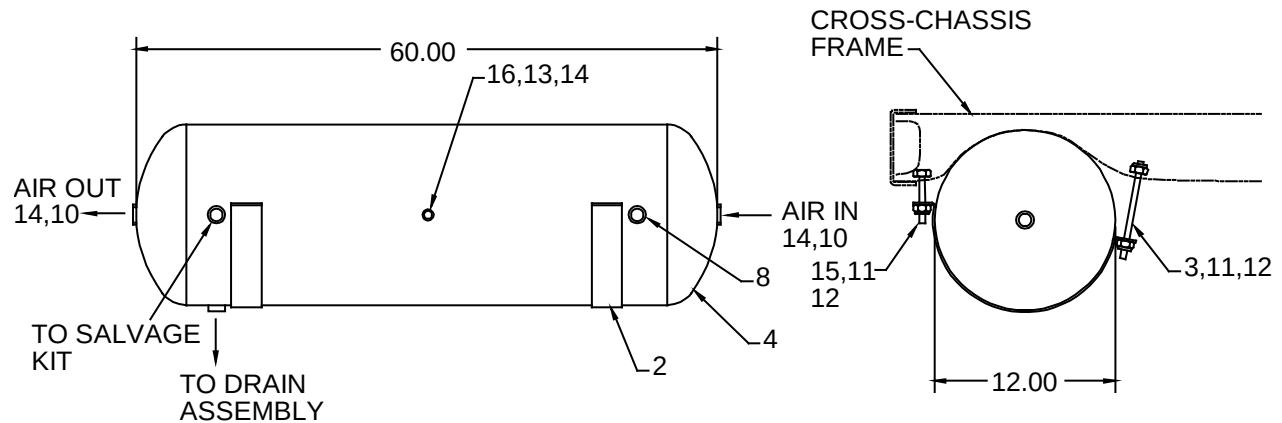


NOTE:

- 1 ITEM#12, DECAL-AIR TANK DRAIN, IS NOT SHOWN. LOCATE DECAL AS CLOSE TO DRAIN VALVE AS POSSIBLE, IN CLEAR VIEW OF OPERATOR.

51709358 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60116097	MOUNTING BRACKET, 3/4 AIR TANK DRAIN	1
2.	72053141	NIPPLE-PIPE BLK 3/4XCLOSE	1
3.	72063066	WASHER-FLAT 1"	3
4.	72053472	COUPLING-STL 3/4 HEX	1
5.	72053556	ELBOW-STREET STL 3/4 X 90	3
6.	72053458	NIPPLE-BARB BRS 3/4 MPT	2
7.	72060025	CAP SCR 5/16-18X1 HHGR5	2
8.	72062109	NUT 5/16-18 HEX NYLOC	2
9.	72063002	WASHER 5/16 FLAT	2
10.	89392349	HOSE-GP 3/4X300# WP	10'
11.	73054230	VALVE-BALL 3/4	1
12.	70391601	DECAL-AIR TANK DRAIN	1
13.	72531833	REDUCER BUSHING-STEEL .75-.50	1
14.	70396133	MUFFLER-AIR 1/2 NPT	1
15.	72661657	CLAMP-.75 STEPLESS EAR (WAS 72066000)	2
REV. M 20110520			

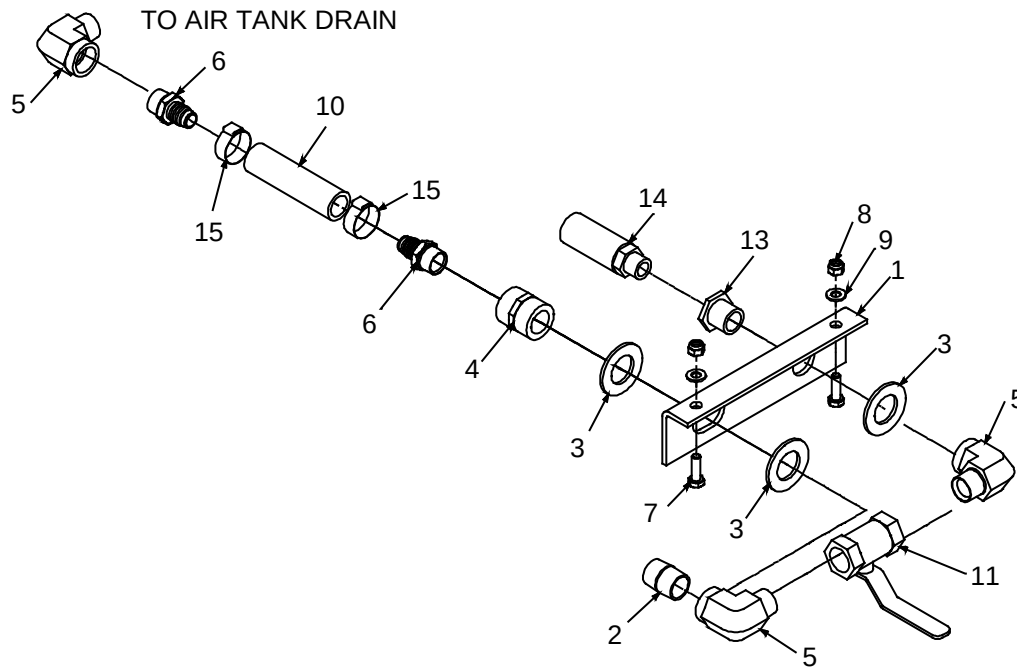
Air Tank Kit, 28 Gallon (51710158)



NOTE: LOCATE DECAL AS CLOSE TO DRAIN VALVE AS POSSIBLE-IN CLEAR VIEW OF OPERATOR

51710158 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51709358	DRAIN ASM	1
2.	60106492	BRACKET	2
3.	60114957	ROD 3/8-16 X10	2
4.	70731345	AIR TANK, 28 GAL	1
5.	72053119	PIPE NIPPLE 1/2 NPT	4
6.	72053293	STREET ELBOW 3/8 NPT 90°	1
7.	72053372	RED BUSHING	1
8.	72053405	PIPE PLUG 3/4 NPT SH	1
9.	72053458	BARB NIPPLE 3/4 MPT 3/4 HOSE	2
10.	72053556	STREET ELBOW 3/4 NPT 90°	2
11.	72062103	NUT 3/8-16 LOCK	8
12.	72063186	WASHER 3/8 FLAT	6
13.	72531131	STREET ELBOW 1/4 NPT 90°	1
14.	72531836	RED BUSHING 1-1/4 3/4	2
15.	72601512	CAP SCR 3/8-16 C 3.5 HHGR8	2
16.	73054032	SAFETY VALVE 1/4 NPT 200 PSI	1
17.	71393886	DECAL-DANGER AIR TANK	1

Air Tank Drain Assembly (51713771)

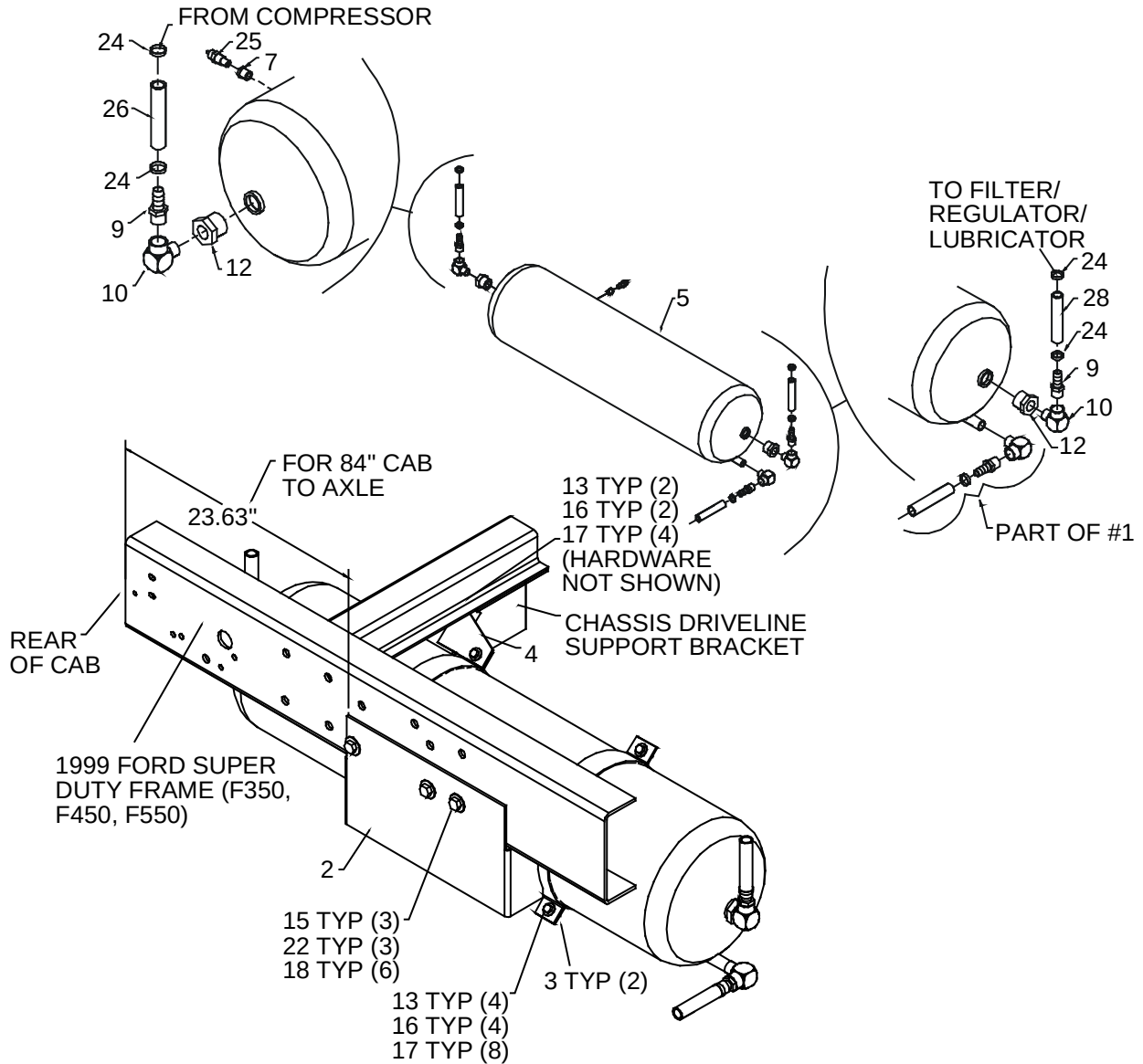


NOTE:

- 1 ITEM #13, DECAL, NOT SHOWN. PLACE DECAL AS CLOSE TO DRAIN VALVE AS POSSIBLE, IN CLEAR VIEW OF OPERATOR.

51713771 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60116097	MTG. BRKT.-3/4 AIR TANK DRAIN	1
2.	72053141	NIPPLE-PIPE BLK .75X CLOSE	3
3.	72063066	WASHER-FLAT 1.00 (AS NEEDED)	4
4.	72053285	ELBOW-STREET BLK. .75 X 90 DEG.	1
5.	72053305	COUPLING-BLK .75	2
6.	72053556	ELBOW-STREET STL. .75 X 90 DEG.	2
7.	72053458	NIPPLE-BARB BRS. .75 MPT	4
8.	72060025	CAP SCR .31-18 X 1.00 HH GR5	2
9.	72062109	NUT .31-18 HEX NYLOC ZINC	2
10.	72063002	WASHER .31 W FLAT ANSI B27.2Z	2
11.	89392349	HOSE-GP .75X300# WP (GRAY)	10 FT.
12.	73054626	VALVE-BALL .75	1
13.	70391601	DECAL-AIR TANK DRAIN	1
14.	72661657	CLAMP-.75 STEPLESS EAR (WAS 72066000)	4
15.	72053604	TEE-BLK .75	1
REV. A 20080613			

Air Tank Kit, 22 Gallon (51714204)

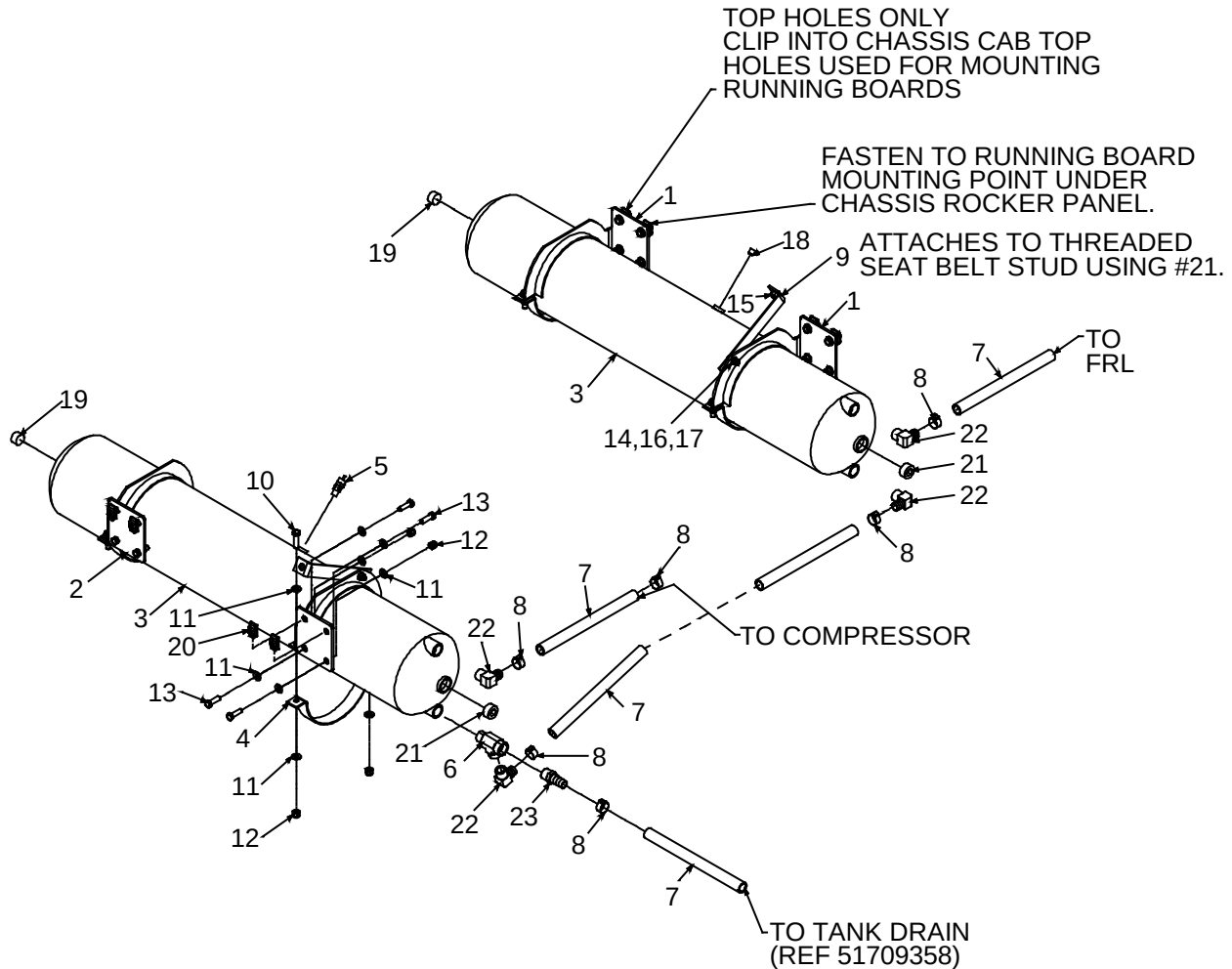


NOTES:

- 1 INSTALLATION SHOWN ON 84" C.A. CHASSIS.
- 2 THREE MOUNTING HOLES ARE EXISTING HOLES IN THE CHASSIS FRAME.
- 3 THE TANK WILL SIT COMPLETELY BEHIND THE REAR OF THE CAB, ONCE MOUNTED.
- 4 FOR A 60" C.A. CHASSIS, THE TANK WILL HANG UNDER THE CHASSIS APPROX. 2'. HOLES WILL NEED TO BE DRILLED FOR THIS INSTALLATION.
- 5 THE AIR TANK MOUNTING BRACKET (#4) ATTACHES TO THE CHASSIS DRIVELINE SUPPORT BRACKET. (TWO HOLES ARE PROVIDED IN THE CHASSIS DRIVELINE SUPPORT BRACKET.)

51714204 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51709358	DRAIN ASM (NOT SHOWN)	1
2.	52716275	BRACKET	1
3.	60106492	BRACKET	2
4.	60123268	BRACKET	1
5.	70733423	TANK-22 GAL	1
6.	71393886	DECAL-DANGER EXPLODING TANK	1
7.	72053372	REDUCER BUSHING 3/8-1/4NPT	1
9.	72053458	BARB NIPPLE 3/4MPT 3/4HOSE	2
10.	72053556	STREET ELBOW 3/4NPT 90°	2
11.	51716379	HARDWARE KIT (INCL. 13-22)	1
12.	72531836	REDUCER BUSHING 1-1/4-3/4NPT	2
13.	72060048	CAP SCR 3/8-16X1-1/2 HHGR5 (PART OF 11)	6
15.	72601144	CAP SCR 9/16-12X2 HHGR8 (PART OF 11)	2
16.	72062103	NUT 3/8-16 LOCK (PART OF 11)	6
17.	72063003	WASHER 3/8 WRT (PART OF 11)	12
18.	72063117	WASHER 9/16 WRT (PART OF 11)	4
22.	72062275	NUT 9/16-12 HEX TOP LOCK GR8Z (PART OF 11)	2
24.	72661657	CLAMP-.75 STEPLESS EAR (WAS 72066000)	4
25.	73054032	SAFETY VALVE 1/4NPT 200PSI	1
26.	89392349	HOSE 3/4 300PSI	20FT
27.	72531131	ELBOW-STREET STL 1/4X90° (NOT SHOWN)	2
REV. F 20080613			

Air Tank Kit, Dual 10 Gallon (51717200)



51717200 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52717201	BRACKET LH	2
2.	52717202	BRACKET RH	2
3.	70733666	AIR TANK 10 GAL	2
4.	60111339	STRAP-AIR TANK 10 GAL	4
5.	73054032	SAFETY VALVE 1/4 200 PSI	1
6.	72534403	TEE-STREET STL 0.75	1
7.	89392349	HOSE-GP .75X250 WP GRAY	8
8.	72661657	CLAMP-.75 STEPLESS EAR (WAS 72066000)	8
9.	60123804	BRACKET-STRAP	2
10.	72060048	CAP SCR 3/8-16 X 1.50 HH GR5 Z	8
11.	72063003	WASHER 3/8 FLAT	48
12.	72062103	NUT 3/8-16 HEX NYLOC ZINC	24

51717200 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
13.	72060047	CAP SCR 3/8-16 X 1.25 HH GR5 Z	16
14.	72060025	CAP SCR 5/16-18 X 1.00 HH GR5 Z	2
15.	72062290	NUT METRIC 12MM CENT LOCK	2
16.	72063002	WASHER 5/16 FLAT	4
17.	72062109	NUT .31-18 HEX NYLOCK	2
18.	72053402	PLUG-PIPE SOCKET HEAD GLV .25	1
19.	72053405	PLUG-PIPE SOCKET HEAD GLV .75	2
20.	72062291	CLIP-BODY SPEED NUT 3/8-16	8
21.	72053406	PLUG-PIPE SOCKET HEAD GLV 1.00	2
22.	72534819	NIPPLE-BARB BRASS .75MPT/90/.75	4
23.	72053458	NIPPLE-BARB BRASS .75MPT .75	1
REV C 20110519			

Stepless Ear Clamp Installation (99904411)

INSTALLING A STEPLESS EAR CLAMP

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



INSTALLING A STEPLESS EAR CLAMP IN RESTRICTED SPACE

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



REMOVING A STEPLESS EAR CLAMP

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



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

Moisture Separator / Regulator / Oiler Assembly (51714805)

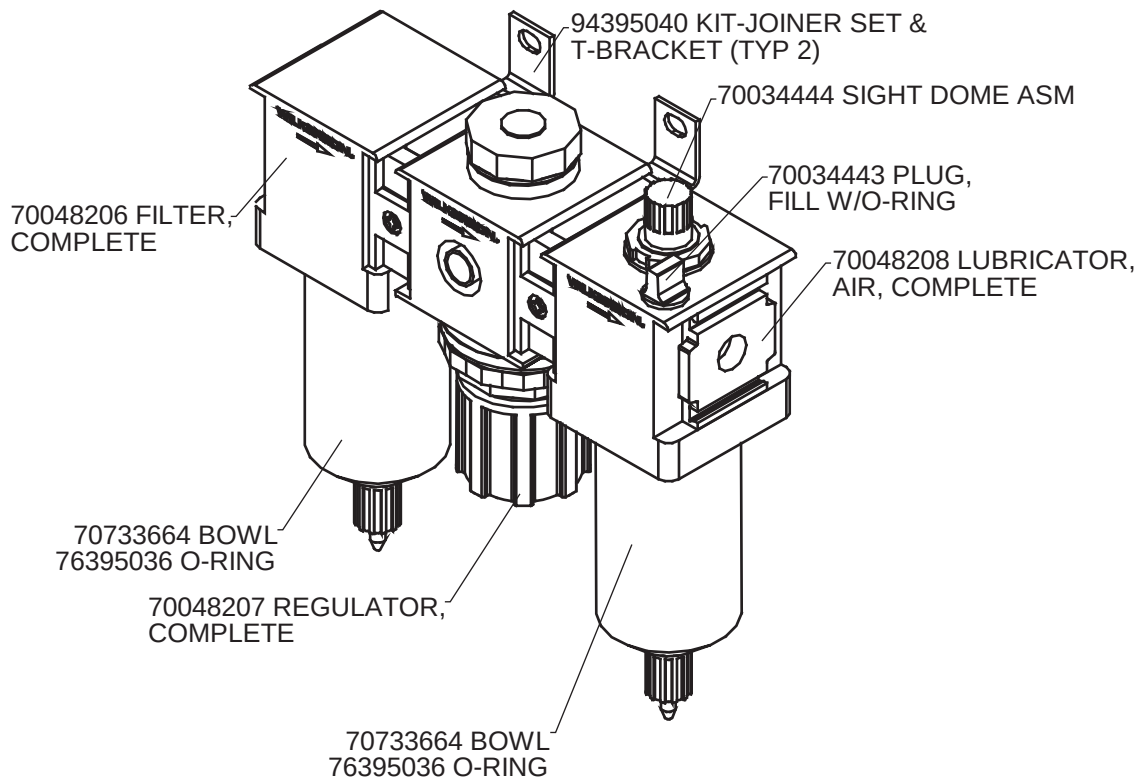
NOTE:

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

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

REV. B 20050103

Moisture Separator / Regulator / Oiler Parts (51714805)



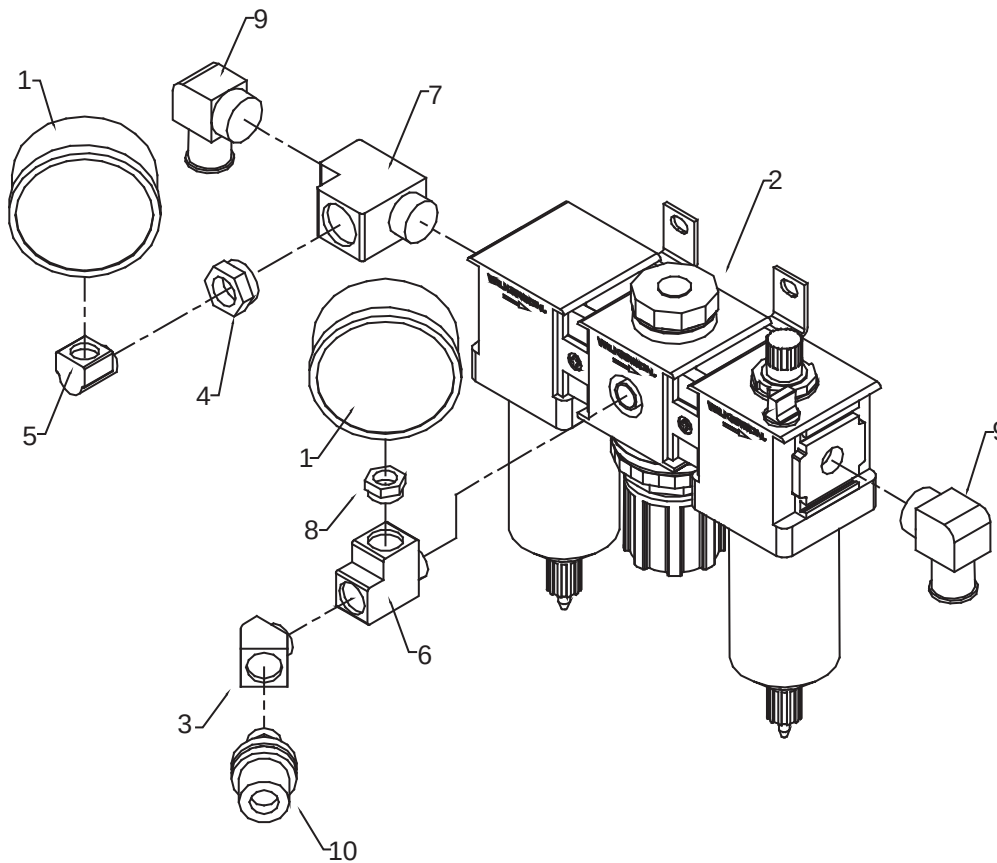
COMPONENT PART ASSEMBLIES:

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

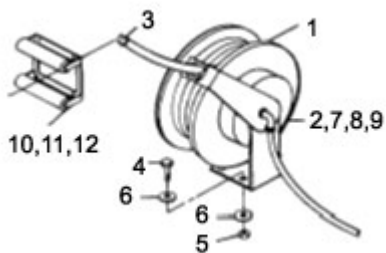
70048207 AIR REGULATOR REPLACEMENT PARTS INCLUDE 94395037 DIAPHRAGM KIT AND 70145777 SPRING, AIR REGULATOR.

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

Moisture Separator / Regulator / Oiler Installation



Hose Reel (51713651)

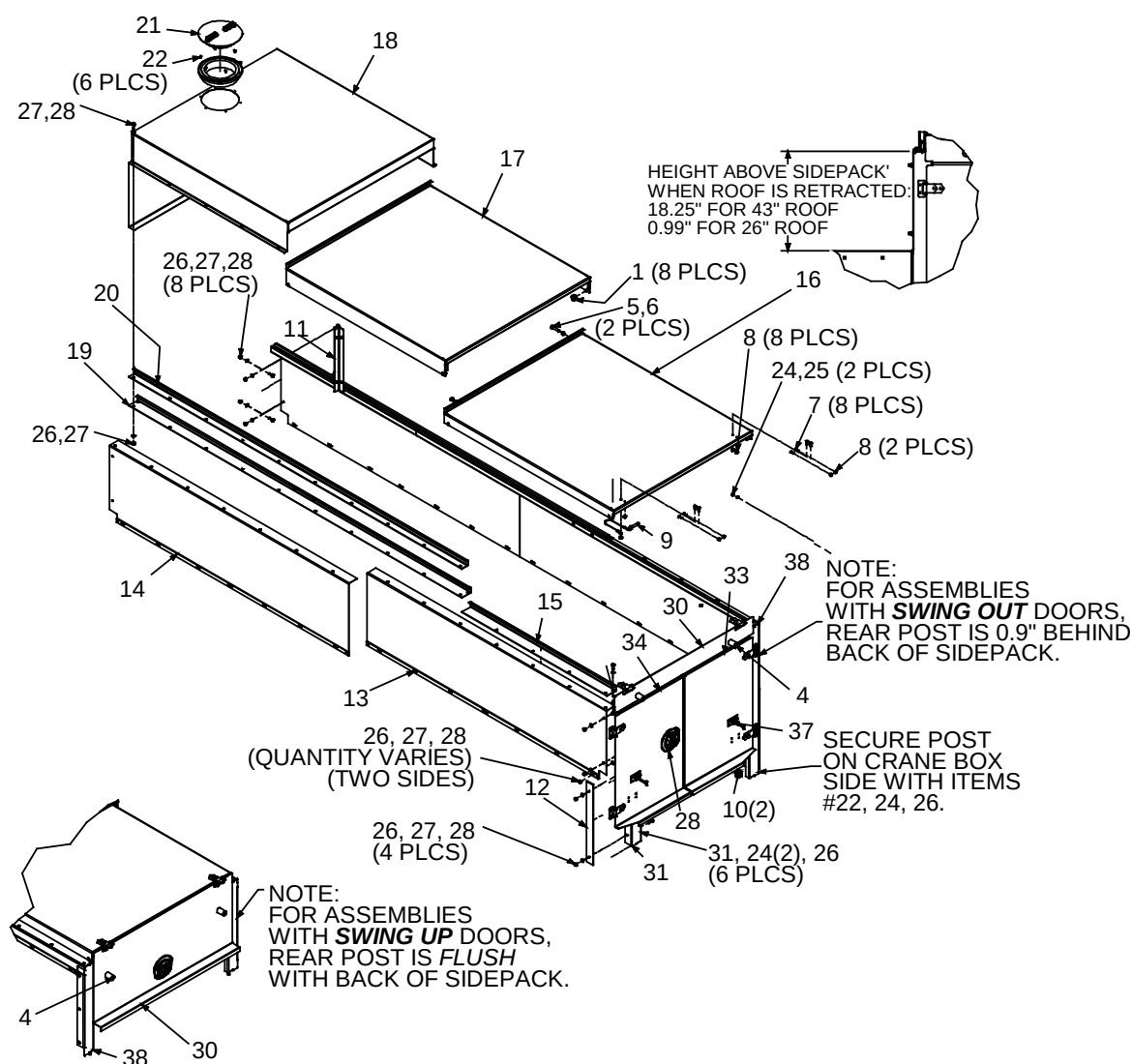


51713651 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70732096	HOSE REEL	1
2.	72531133	STREET ELBOW, STL 1/2X90° (WAS 72053284)	1
3.	72053810	PIPE CAP 1/2NPT	1
4.	72060046	CAP SCR 3/8-16X1 HHGR5Z	4REF
5.	72062103	NUT 3/8-16 LOCK	4REF
6.	72063003	WASHER 3/8 FLAT	8REF
7.	72066000	HOSE CLAMP (WAS QTY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

CHAPTER 7

Telescoping Tops

Telescopic Top Installation (99903675)

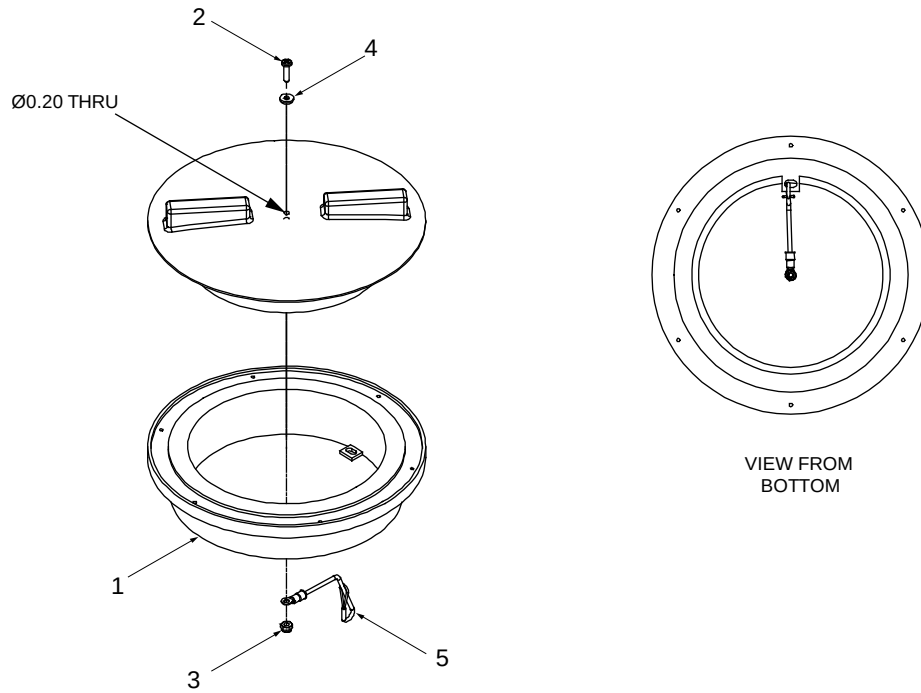


99903675 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60030171	ROLLER	8
2.	72661383	HINGE-SS 10GA BUTT	6
3.	72661599	LATCH ASM-3PT COMPRESSION	1
4.	70391615	BUMPER-RUBBER 1.25 DIA X 1.88	2
5.	72062002	NUT .38-16 HEX	KIT
6.	72060050	CAP SCR .38-16X 2.00 HH GR5ZC	KIT
7.	72601652	SCR-MACH .25-20X .75TRHTORXSS	KIT
8.	72062194	NUT-SS .25-20 NYLOC	KIT
9.	71734026	PIN-QUICK RLSE .50D/1.5 W/ 12inL	1
10.	72060833	SCR-THRD.CUT .31-18X.75 HWH-1	KIT
11.	#11 (SEE CHART)	ANGLE-T TOP FRONT FILLER 17.50	2
12.	#12 (SEE CHART)	SPACER REAR POST 43 H	2
13.	#13 (SEE CHART)	BRACKET-SIDE T TOP WLDMT	2
14.	#14 (SEE CHART)	BRACKET-SIDE T TOP WLDMT	2
15.	#15 (SEE CHART)	TRACK-T TOP LOWER RFLR	2
16.	#16 (SEE CHART)	TOP-TELESCOPE REAR SECT	1
17.	#17 (SEE CHART)	TOP-TELESCOPE CTR SECT	1
18.	#18 (SEE CHART)	TOP-TELESCOPE FRT SECT	1
19.	#19 (SEE CHART)	TRACK-T TOP LOWER LFRR	2
20.	#20 (SEE CHART)	TRACK-T TOP UPPER	2
21.	51726711	LID-ASSEMBLY	1
22.	72066340	RIVET-POP AL .12 X .375 GRIP	KIT
23.	72060640	SCR-MACH 10-24X 1.50 RDH	KIT
24.	72062106	NUT 10-24 HEX NYLOCK	KIT
25.	72063000	WASHER .19 W FLAT ANSI B27.2Z	KIT
26.	72062109	NUT .31-18 HEX NYLOCK	KIT
27.	72063002	WASHER .31 FLAT	KIT
28.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	KIT
29.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	KIT
30.	#30 (SEE CHART)	DOOR-TEL TOP WLDMT FLIP UP DOOR	1
31.	#31 (SEE CHART)	PANEL T-TOP REAR POST LR	1
33.	#33 (SEE CHART)	DOOR-TEL TOP WLDMT W-SWING WO-LTCH	1
34.	#34 (SEE CHART)	DOOR-TEL TOP WLDMT W-SWING W-LTCH	1
35.	#35 (SEE CHART)	ROD-DOOR W/.75" OFFSET TOP	1
36.	#36 (SEE CHART)	ROD-DOOR W/ 2.75" OFFSET BOTTOM	1
37.	71412598	DOOR CATCH-ASM ZINC 4" 2 PC	2
38.	#38 (SEE CHART)	PANEL T-TOP REAR POST RR	1
REV. E 20080904			

TELESCOPING TOP COMPONENT KIT INFORMATION

	MODEL	9' L 26" H	9' L 43" H	11' L 26" H	11' L 43" H	13' L 26" H	14' L 26" H	14' L 43" H
ITEM DESCRIPTION	PART #	51718870	51718558	51718853	51718898	51718899	51718901	51718902
ANGLE	#11	N/A	60128518	N/A	60128518	N/A	N/A	60128518
SPACER	#12	N/A	60126567	N/A	60126567	N/A	N/A	60126567
MTG BRACKET-SIDE	#13	52718854	52718855	52719467	52719207	52719205	52719206	52719209
MTG BRACKET-SIDE	#14	N/A	N/A	N/A	N/A	52719210	52710211	N/A
TRACK-LOWER	#15	N/A	N/A	N/A	N/A	60128597	60129092	60129092
TOP-REAR	#16	52718060	52718060	52719460	52719460	52719218	52719219	52719219
TOP-CENTER	#17	52718001	52718001	52719459	52719459	52719216	52719217	52719217
TOP-FRONT	#18	52718857	52718858	52719458	52718856	52719212	52719696	52719697
TRACK-LOWER	#19	60126570	60126570	60128898	60128898	60128596	60129091	60129091
TRACK-UPPER	#20	60126571	60126571	60128897	60128897	60128598	60129093	60129093
DOOR-HINGE UP	#30	52719461	52720957	52719461	52720957	52719461	52719461	52720957
8" LID ASSEMBLY	#21	51726711	NA	51726711	NA	51726711	51726711	NA
POST-LEFT REAR	#31	60128899	60131373	60128899	60131373	60128899	60128899	60131373
DOOR-SWING W/O LATCH	#33	N/A	52720958	N/A	52720958	N/A	N/A	52720958
DOOR-SWING W/LATCH	#34	N/A	52720959	N/A	52720959	N/A	N/A	52720959
DOOR ROD-TOP	#35	60113039	60131457	60113039	60131457	60113039	60113039	60131457
DOOR ROD-BOTTOM	#36	60113039	60131458	60113039	60131458	60113039	60113039	60131458
POST-RIGHT REAR	#38	60128899	60131379	60128899	60131379	60128899	60128899	60131379
HARDWARE KIT		51719679	51719679	51719679	51719679	51719642	51719642	51719642

Tethered Lid Assembly(51726711)



51726711 PARTS LIST

ITEM	PARTS #	DESCRIPTION	QTY
1	70395940	LID-ASM 8IN PLSTC ACCESS COVER DOM T-TOP	1
2	72060636	SCR-MACH #10-24X .75 RDH PH ZINC	1
3	72062106	NUT 10-24 HEX NLOCK	1
4	72062382	WASHER-VONDED .19 PLTD	1
5	70661759	LANYARD-16IN 1 LOOP	1

REV A. 20151111

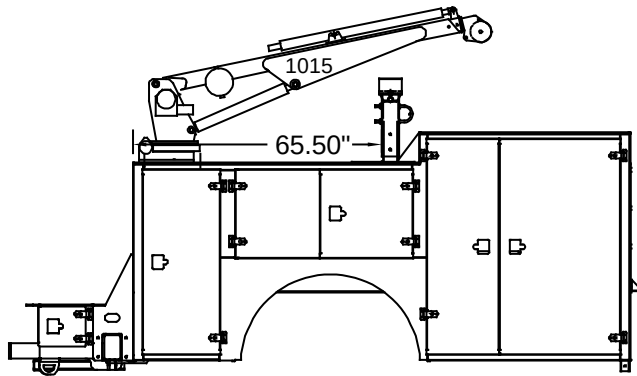
CHAPTER 8

Boom Supports

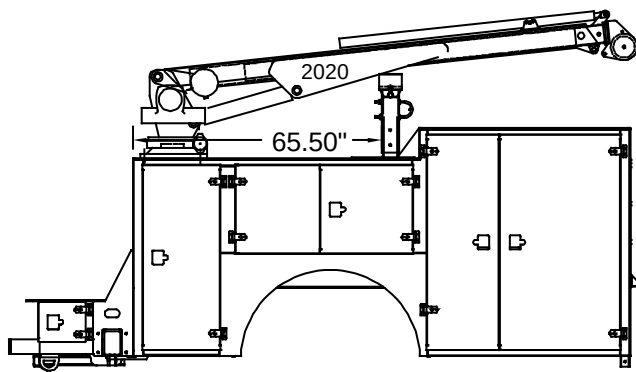
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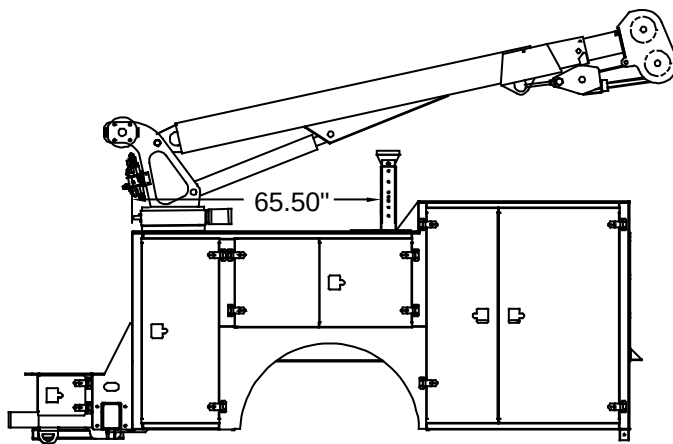
Boom Support (99903633)



DOMINATOR WITH 1015 CRANE

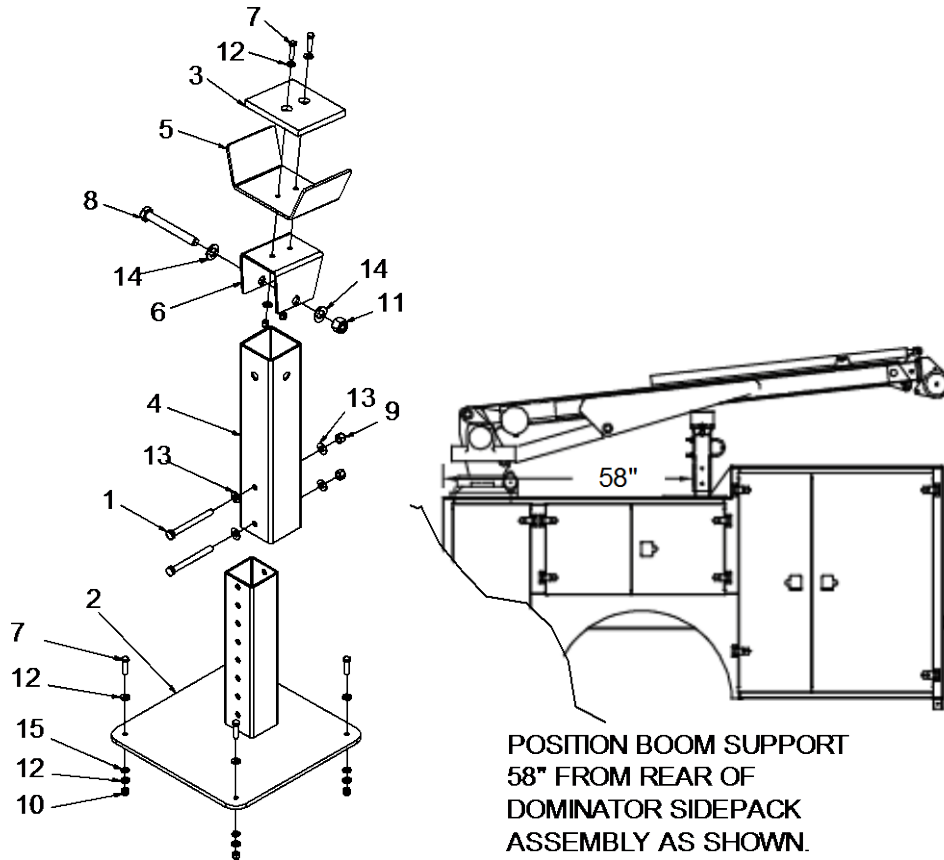


DOMINATOR WITH 2020 CRANE



DOMINATOR WITH 3820-5020-6025 CRANE

Boom Support, Adjustable, 1015 & 2020 (51718847)



NOTE:

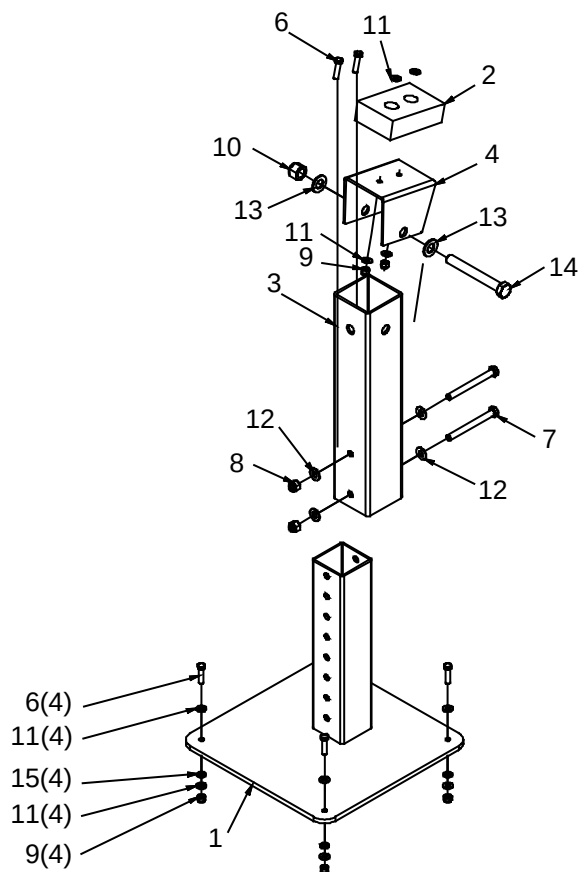
- 1 Hardware included in kit # 51718794.
- 2 Rotate and arrange pedestal #2 and saddle #5 or #6 based on chassis exhaust.

51718847 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	72060101	CAP SCREW .50-13 X 5 HHGR5Z (WAS 52708158)	2
2.	52718849	PEDESTAL-WLDMT ADJ 3.5X3.5X16.88	1
3.	60030338	WEAR PAD-RC UHMW .75X4.00X6.00	1
4.	60126561	TUBE-PEDESTAL TEL 4.0X4.0X20.00	1
5.	60126562	SADDLE-BOOM SUPT 1015/2020	1
6.	60126563	SADDLE-BOOM SUPPORT DOM 3820 & UP	1
7.	72060048	CAP SCR .38-16X 1.50 HH GR5 Z	6
8.	72060193	CAP SCR .75-10X 6.00 HH GR5 Z	1
9.	72062080	NUT .50-13 HEX NYLOCK	2
10.	72062103	NUT .38-16 HEX NYLOCK	6

51718847 PARTS LIST

11.	72062114	NUT .75-10 HEX NYLOCK	1
12.	72063003	WASHER .38 FLAT	12
13.	72063005	WASHER .50 FLAT	4
14.	72063008	WASHER .75 FLAT	2
15.	76392821	WASHER-BONDED PLTD .38	4
REV. C 20120223			

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



NOTE:

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

51718848 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52718849	PEDESTAL-WLDMT ADJ	1
2.	60030464	WEAR PAD (WAS 60030306)	1

51718848 PARTS LIST			
3.	60126561	TUBE-PEDESTAL	1
4.	60126563	SADDLE-BOOM SUPPORT DOM 3820 & UP	1
6.	72060048	CAP SCR .38-16X 1.50 HH GR5 Z	6
7.	72060101	CAP SCR .50-13X 5.00 HH GR5 Z	2
8.	72062080	NUT .50-13 HEX NYLOCK	2
9.	72062103	NUT .38-16 HEX NYLOCK	6
10.	72062114	NUT .75-10 HEX NYLOCK	1
11.	72063003	WASHER .38 FLAT (WAS 8)	12
12.	72063005	WASHER .50 FLAT	4
13.	72063008	WASHER .75 FLAT	2
14.	72601845	CAP SCR .75-10X 6.00 HH GR5 Z (WAS 72601845)	1
15.	76392821	WASHER-BONDED PLTD .38	4
REV D 20120120			

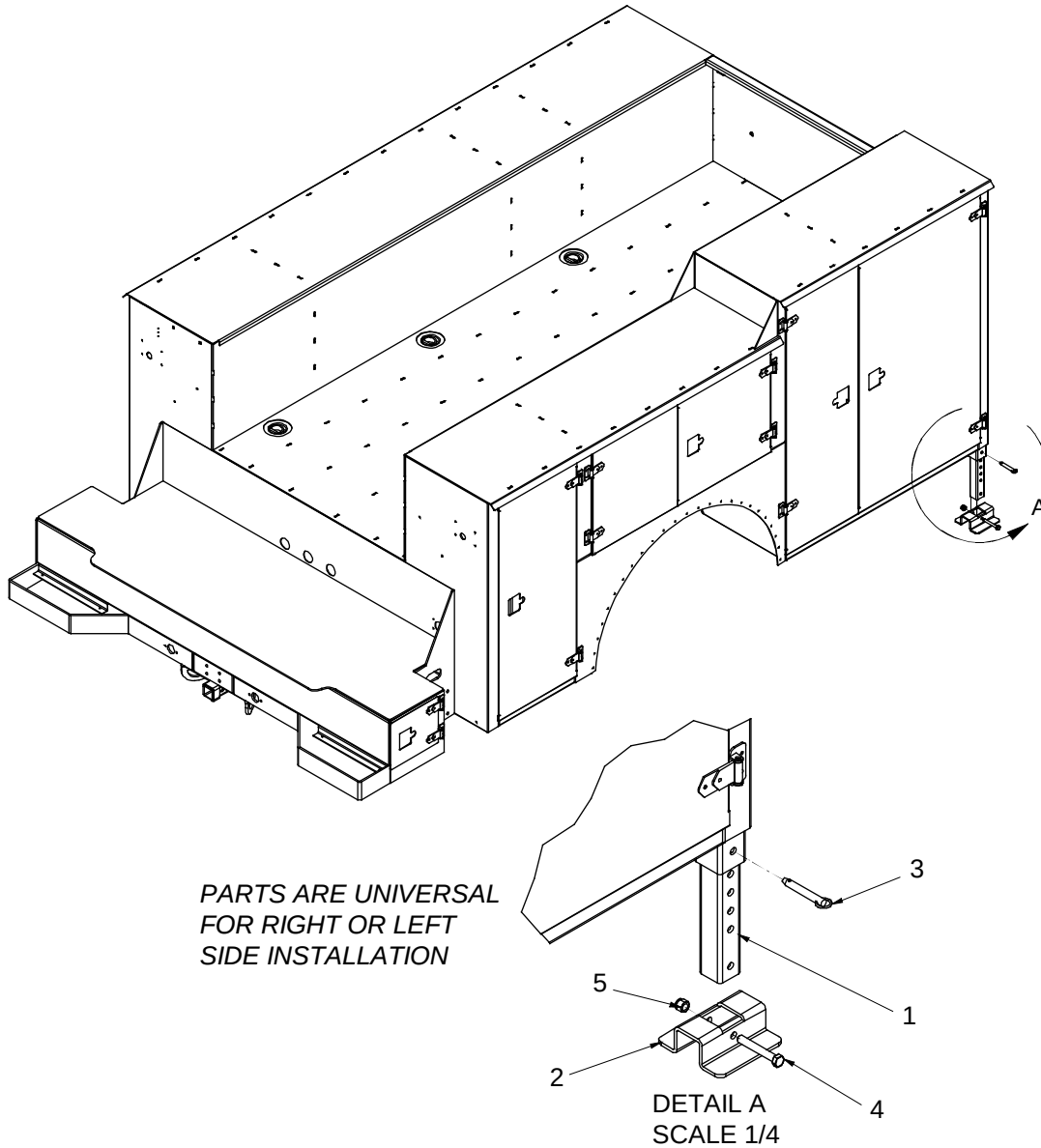
CHAPTER 9

Stabilizers

In This Chapter

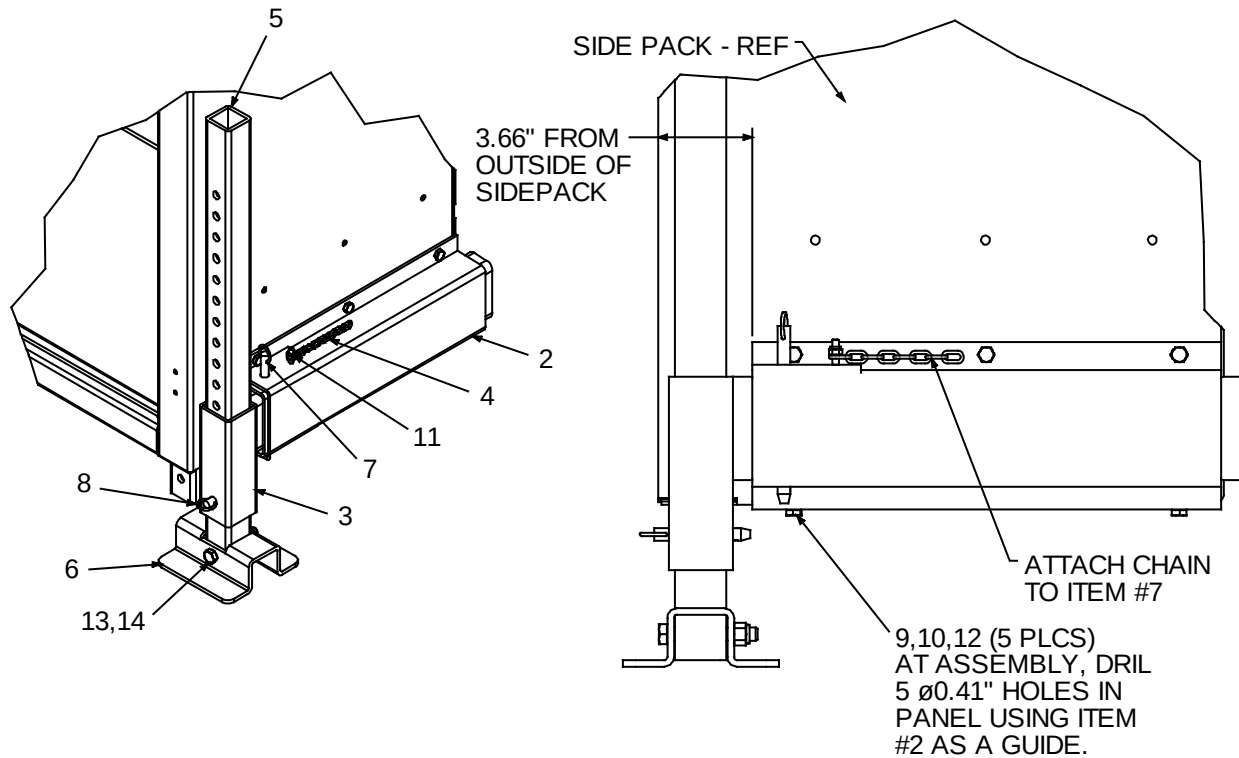
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Front Stabilizers (51718827 / 99903671)



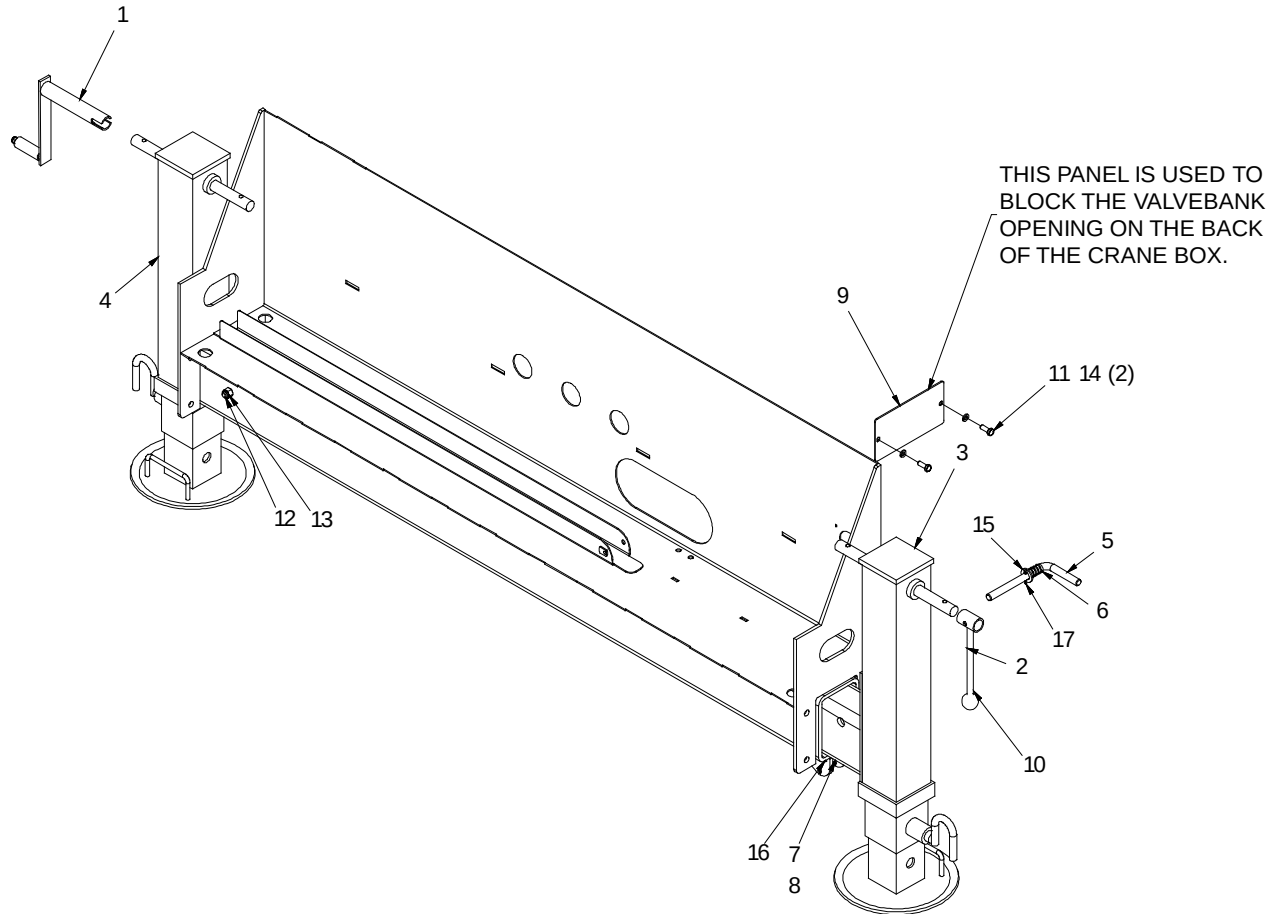
51718827 / 99903671 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60126320	STAB FRT TUBE EXT	1
2.	60126321	STAB FRT BTM PAD	1
3.	71732054	PIN-QUICK RLSE .50/2.5CRIT RNG	1
4.	72601582	CAP SCR .50-13X 3.50 HH (72601848)	1
5.	72062232	NUT .50-13 NYLOC (72062166)	1

Front Stabilizer, RH Pullout (51719658)



51719658 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51719662	KIT-HDWR DOM I FRNT STAB (INCL. 7-14)	1
2.	52719656	STABILIZER KIT-RH FRONT PULLOUT	1
3.	52719657	STABILIZER ARM RH PULLOUT	1
4.	60114940	CHAIN-.12 X 9.00in LONG	1
5.	60126320	STABILIZER FRT TUBE EXT	1
6.	60126321	STABILIZER FRT BTM PAD	1
7.	71733327	PIN-QUICK RLSE	1
8.	71732054	PIN-QUICK RLSE .50/2.5CRIT RNG	1
9.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z (WAS 7260046)	5
10.	72062103	NUT .38-16 HEX NYLOCK	5
11.	72062104	NUT .25-20 HEX NYLOCK	1
12.	72063003	WASHER .38 FLAT	5
13.	72601582	CAP SCR .50-13X 3.50 HH GR8 Z (WAS 72060098)	1
14.	72062232	NUT .50-13 HEX TOP LOCK GR8Z(WAS 72062080)	1
REV. C 20060901			

Rear Stabilizers, Manual Out / Manual Down (31719659 / 99904047)(Eff. 3/29/13)

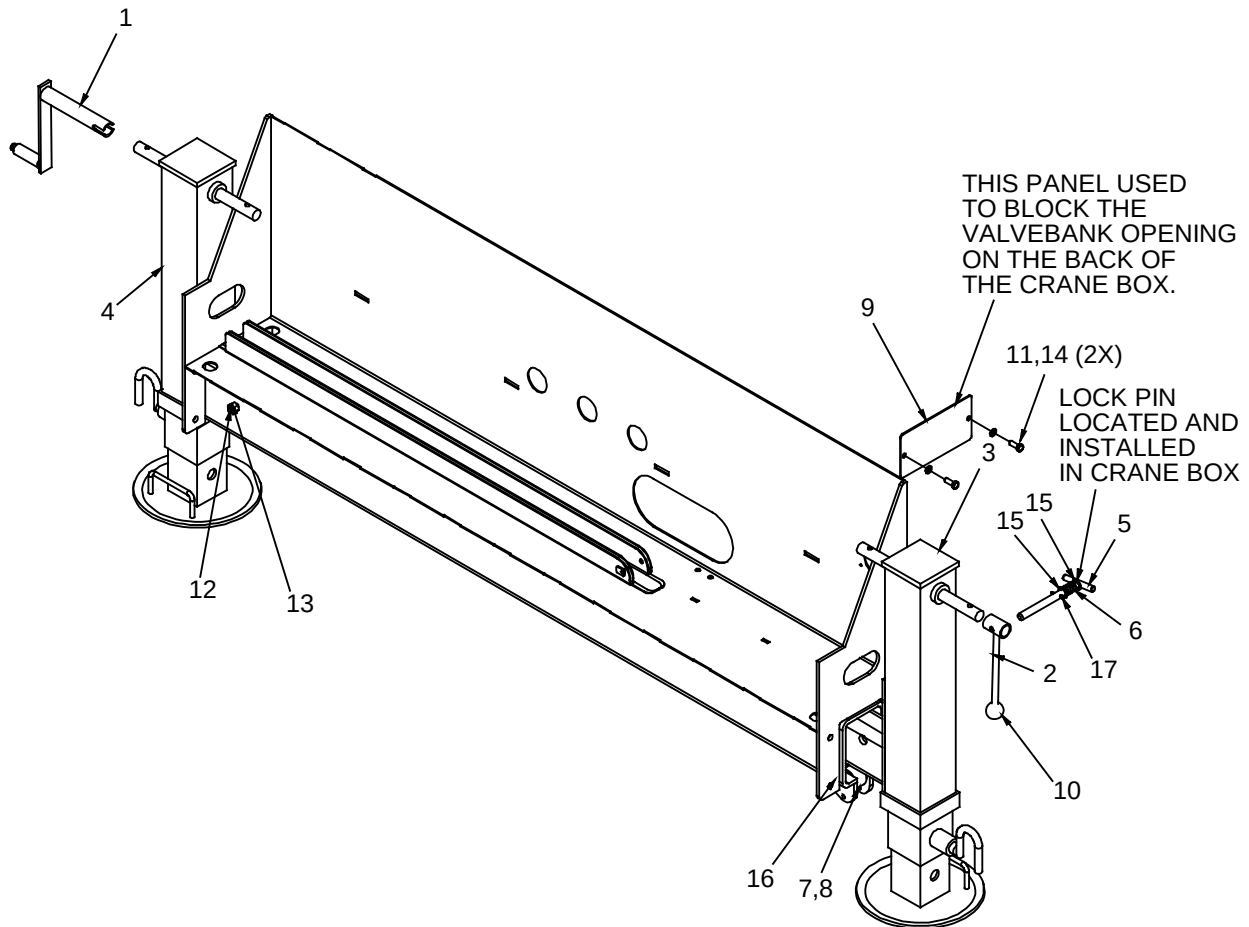


31719659 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	51705040	CRANK ASSEMBLY		1
2.	52703319	CRANK HANDLE		1
3.	52719645	ARM-STABILIZER ADJUSTABLE MANUAL CRANK	(DOM 1)	1
3.	52712737	ARM-STABILIZER ADJUSTABLE MANUAL CRANK	(DOM 2)	1
4.	52719646	ARM-STABILIZER STATIONARY MANUAL CRANK	(DOM 1)	1
4.	52712738	ARM-STABILIZER STATIONARY MANUAL CRANK 7X5	(DOM 2)	1
5.	60140928	PIN-STABILIZER STOP (DOM 1)		1
5.	60140929	PIN-STABILIZER STOP (DOM 2)		1
6.	60010351	SPRING		1
7.	60030053	ROLLER	UHMW .50 X 2.00 X 1.38 LG	2

31719659 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
8.	60106314	PIN		2
9.	60127906	PANEL-CRANE BOX VALVE BLOCK COVER		1
10.	71039096	KNOB-CONTROL	1.50 BLK	1
11.	72060046	CAP SCREW	.38-16X 1.00 HH GR5 Z	2
12.	72601297	CAP SCREW	.50-13X 5.75 HH GR5 Z (DOM 2)	1
12.	72060101	CAP SCREW	.50-13X 5.00 HH GR5 Z (DOM I)	1
13.	72062080	NUT	.50-13 HEX NYLOCK	1
14.	72063051	WASHER	.38 LOCK	2
15.	72063119	WASHER	.62 FLAT	1
16.	72066178	COTTER PIN	.12X1.00 PLAIN	4
17.	72066185	COTTER PIN	.16X1.00 PLAIN	1
REV A 20130321				

Rear Stabilizers, Manual Out / Manual Down (31719659 / 99904047)(Through 3/28/13)

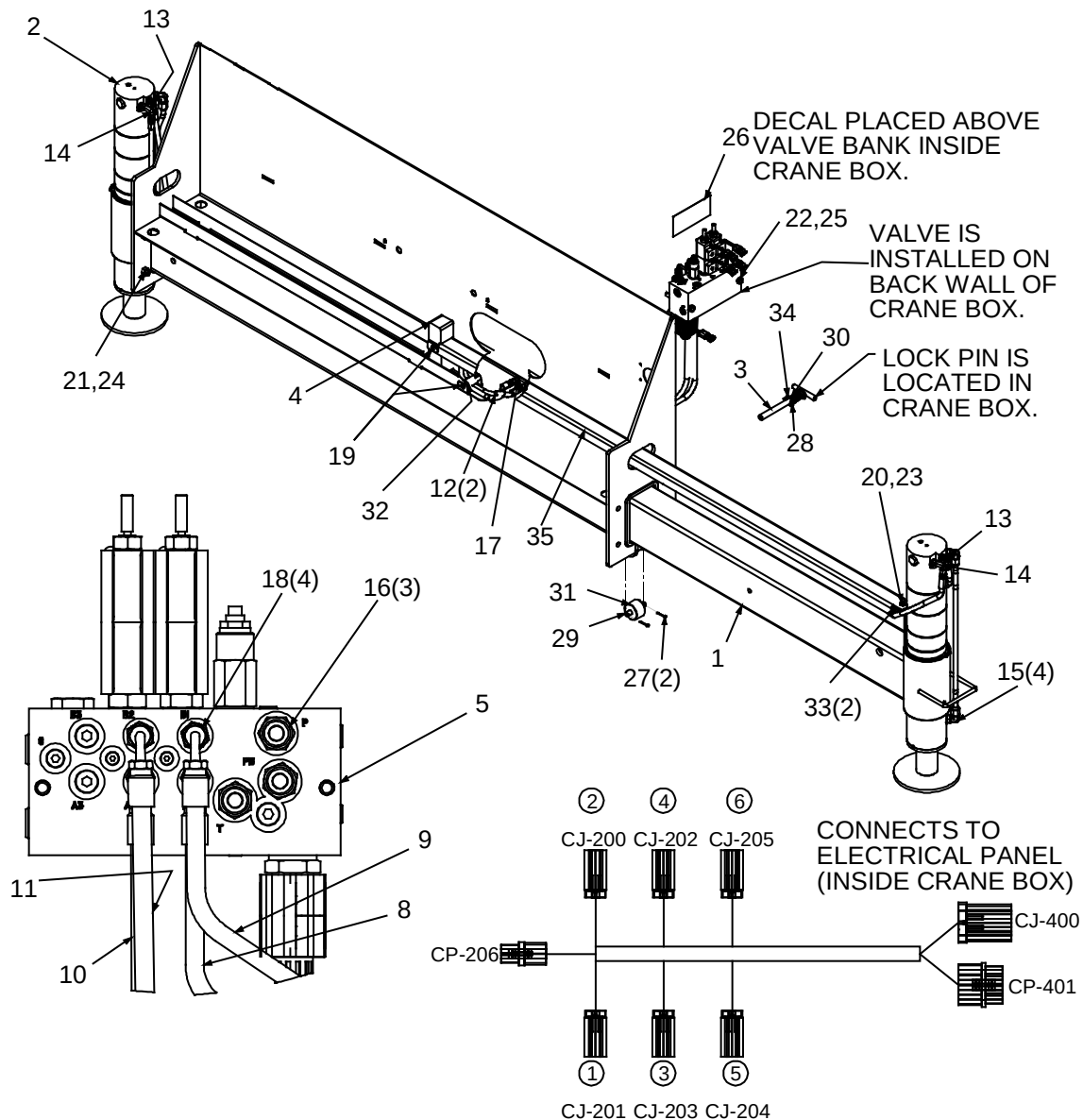


31719659 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	51705040	CRANK ASSEMBLY		1
2.	52703319	CRANK HANDLE		1
3.	52719645	ARM-STABILIZER ADJUSTABLE MANUAL CRANK	(DOM 1)	1
3.	52712737	ARM-STABILIZER ADJUSTABLE MANUAL CRANK	(DOM 2)	1
4.	52719646	ARM-STABILIZER STATIONARY MANUAL CRANK	(DOM 1)	1
4.	52712738	ARM-STABILIZER STATIONARY MANUAL CRANK 7X5	(DOM 2)	1
5.	52719747	PIN-WELDMENT (DOM 1)		1
5.	52718725	PIN-WELDMENT (DOM 2)		1
6.	60010351	SPRING		1
7.	60030053	ROLLER	UHMW .50 X 2.00 X 1.38 LG	2

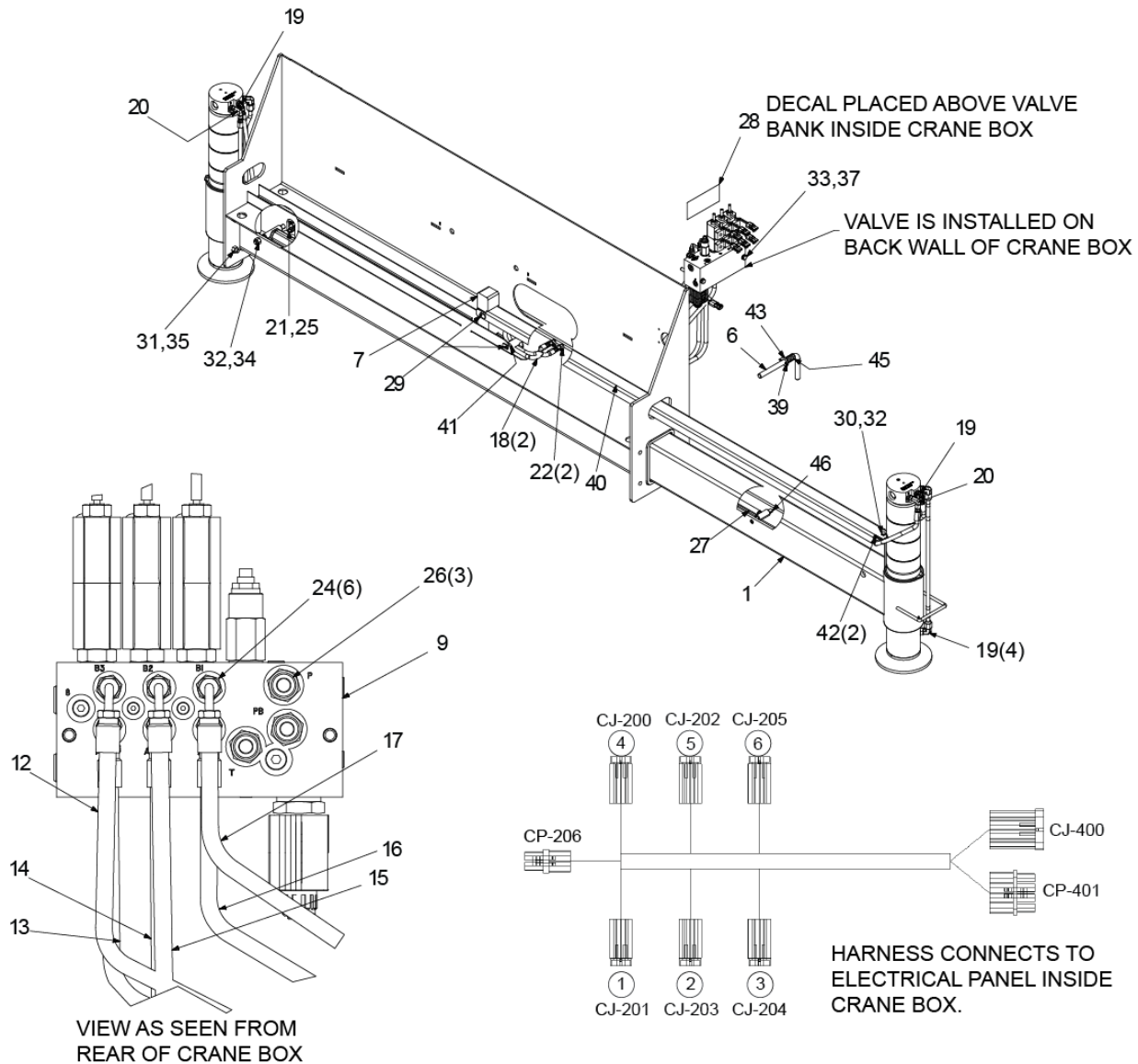
31719659 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
8.	60106314	PIN		2
9.	60127906	PANEL-CRANE BOX VALVE BLOCK COVER		1
10.	71039096	KNOB-CONTROL	1.50 BLK	1
11.	72060046	CAP SCREW	.38-16X 1.00 HH GR5 Z	2
12.	72601297	CAP SCREW	.50-13X 5.75 HH GR5 Z (DOM 2)	1
12.	72060101	CAP SCREW	.50-13X 5.00 HH GR5 Z (DOM I)	1
13.	72062080	NUT	.50-13 HEX NYLOCK	1
14.	72063051	WASHER	.38 LOCK	2
15.	72063028	MACHY BUSHING	.75X14 GA NR (WAS 72063027)	2
16.	72066178	COTTER PIN	.12X1.00 PLAIN	4
17.	72066185	COTTER PIN	.16X1.00 PLAIN	1
REV 20060523				

Rear Stabilizers, Manual Out/Power Down (31719660/99904261)



31719660 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51719647	STABILIZER ASM EXTENSION (DOM 1)	1
2.	51719649	STABILIZER ASM STATIONARY MOUNT (DOM 1)	1
3.	52719747	PIN-WLDMT - T (DOM 1)	1
4.	60030356	WEAR PAD-RC 2.00 X 2.00 X 5.00	1
4.	60030355	WEAR PAD-RC 2.00 X 2.00 X 6.75	1
5.	73734228	VALVE BANK 2 SEC W/SOLENOIDS (WAS 73733958 THROUGH 6-15-07)	1
6.	77441134	HARNESS-DOM(II) STABILIZER	REF
7.	51720994	KIT HOSE MANUAL OUT HYD STABILIZERS	REF
8.	51397096	HOSE-FJ .25 X 107.50 OAL (4-6) 100R17	1
9.	51397099	HOSE-FZ .25 X 108.00 OAL (4-6) 100R17	1
10.	51397097	HOSE-FJ .25 X 38.00 OAL (4-6) 100R17	1
11.	51397098	HOSE-FZ .25 X 42.00 OAL (4-6) 100R17	1
12.	51396821	HOSE-FF .25 X 96.00 (4-4) 100R2	2
13.	72053758	ELBOW-M STR/90/M JIC 4 4	2
14.	72533567	ELBOW-M STR/M JIC XLG 4 4	2
15.	72053763	ELBOW-M STR/90/M JIC 8 8	REF
16.	72532358	ADPTR-M STR/M JIC 8 8	3
17.	72533590	ELBOW-M JIC/90/M JIC 4 4 BLKHD	2
18.	72532355	ADPTR-M STR/M JIC 6 6	4
19.	72060031	CAP SCR .31-18X 2.50 HH GR5 Z	2
20.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	1
21.	72060117	CAP SCR .50-13X 1.50 HH GR8 Z	4
22.	72060056	CAP SCR .38-16X 4.00 HH GR5 Z	2
23.	72062109	NUT .31-18 HEX NYLOCK	1
24.	72062232	NUT .50-13 HEX TOP LOCK GR8 Z	4
25.	72063051	WASHER .38 LOCK	2
26.	70398872	DECAL-STABILIZER MANUAL OVERRIDE (WAS 70397215 THROUGH DEC. 2009)	1
27.	72066178	COTTER PIN .12X1.00 PLAIN	2
28.	72066185	COTTER PIN .16X1.00 PLAIN	1
29.	60106314	PIN-TYPE O .50X 2.88 (2.63)	1
30.	60010351	SPRING-COMPRESSION .062 X 1.50 X .845OD	1
31.	60030053	ROLLER-UHMW .50 X 2.00 X 1.38 LG	1
32.	60030354	CAM CLAMP 1.00 DIA. X 2.00	1
33.	72661621	CLAMP- .62 LOOP CUSHIONED	2
34.	72063028	MACHY BUSHING .75X14 GA NR	2
35.	52719342	WLDMT CHANNEL HOSE CARRIER	1
REV B 20100322			

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

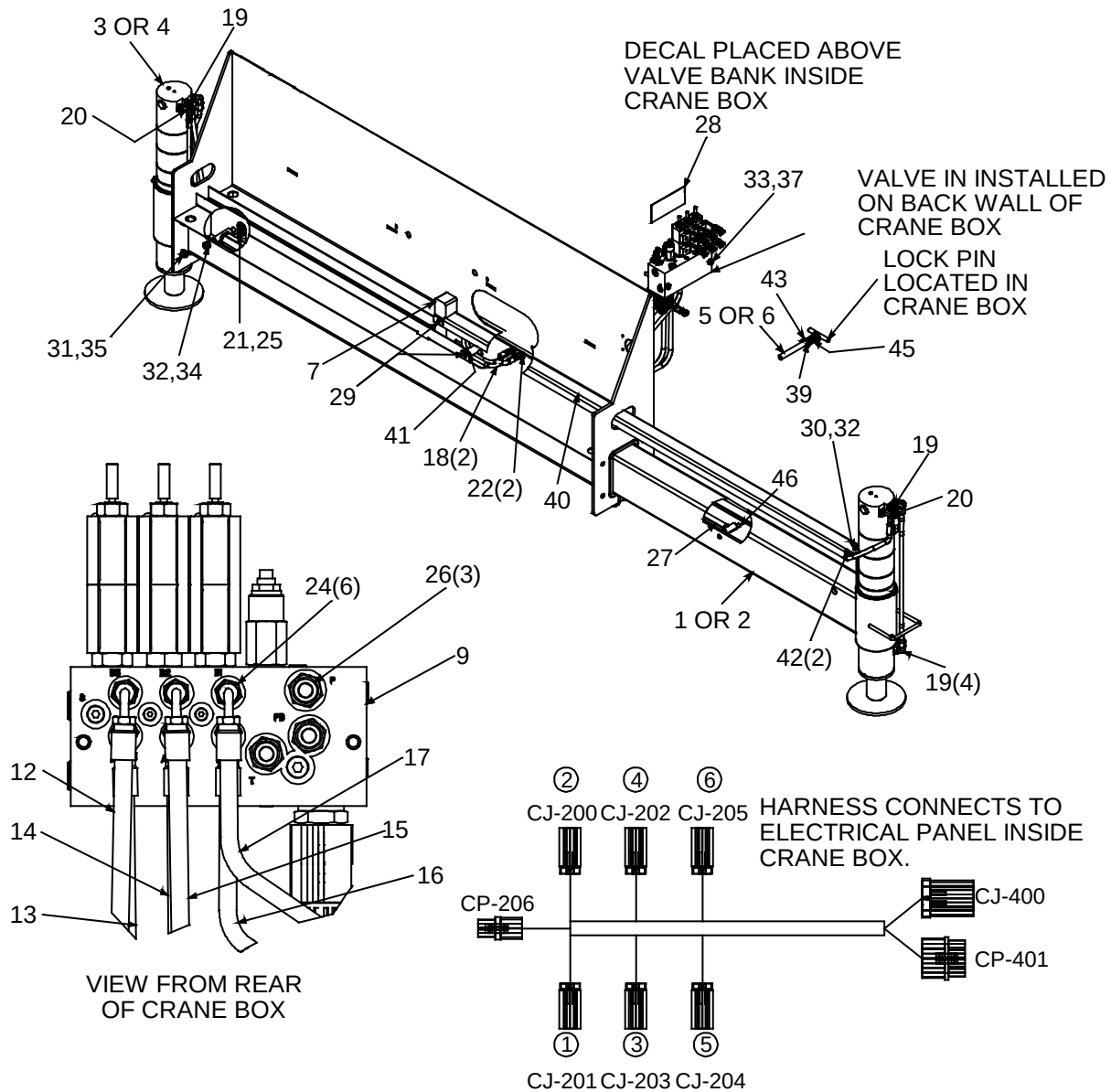


PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
2.	51719647	STABILIZER ASM EXTENSION	1
3.	51719649	STABILIZER ASM STATIONARY MOUNT	1
5.	60140928	PIN-STABILIZER STOP	1
7.	60030355	WEAR PAD-RC 2.00 X 2.00 X 6.75	1
8.	60030356	WEAR PAD-RC 2.00 X 2.00 X 5.00	1

PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
9.	73734229	VALVE BANK 3 SEC W/SOLENOIDS	1
10.	77441134	HARNESS-STABILIZER	REF
11.	51720995	HOSE KIT-POWER OUT HYD STABILIZERS	REF
12.	51397101	HOSE-FZ .25 X 82.00 OAL (4-6) 100R17	1
13.	51397100	HOSE-FJ .25 X 82.00 OAL (4-6) 100R17	1
14.	51397097	HOSE-FJ .25 X 38.00 OAL (4-6) 100R17	1
15.	51397098	HOSE-FZ .25 X 42.00 OAL (4-6) 100R17	1
16.	51397096	HOSE-FJ .25 X 107.50 OAL (4-6) 100R17	1
17.	51397099	HOSE-FZ .25 X 108.00 OAL (4-6) 100R17	1
18.	51396821	HOSE-FF .25 X 96.00 (4-4) 100R2	2
19.	72053758	ELBOW-M STR/90/M JIC 4 4	2
20.	72533567	ELBOW-M STR/M JIC XLG 4 4	2
21.	72532690	ELBOW-M JIC/F JIC SW 4 4	2
22.	72533590	ELBOW-M JIC/90/M JIC 4 4 BLKHD	2
23.	72053763	ELBOW-M STR/90/M JIC 8 8	4
24.	72532355	ADPTR-M STR/M JIC 6 6	6
25.	72532351	ADPTR-M STR/M JIC 4 4	2
26.	72532358	ADPTR-M STR/M JIC 8 8	3
27.	3B142860	CYLINDER	1
28.	70398872	DECAL-STABILIZER MANUAL OVERRIDE, SOFT SHIFT (WAS 70397215 THROUGH 12- 2009)	1
29.	72060031	CAP SCR .31-18X 2.50 HH GR5 Z	2
30.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	1
31.	72060117	CAP SCR .50-13X 1.50 HH GR8 Z	4
32.	72601297	CAP SCR .50-13X 5.75 HH GR5 Z	1
33.	72060056	CAP SCR .38-16X 4.00 HH GR5 Z	2
34.	72062080	NUT .50-13 HEX NYLOCK	1
35.	72062232	NUT .50-13 HEX TOP LOCK GR8 Z	4
36.	72062109	NUT .31-18 HEX NYLOCK	1
37.	72063051	WASHER .38 LOCK	2
38.	72066178	COTTER PIN .12X1.00 PLAIN	2
39.	72066185	COTTER PIN .16X1.00 PLAIN	1
40.	52719342	WELDMENT, CHANNEL HOSE CARRIER	1
41.	60030354	CAM CLAMP 1.00 DIA. X 2.00	1
42.	72661621	CLAMP- .62 LOOP CUSHIONED	2
43.	72063119	WASHER .62 FLAT	1
45.	60010351	SPRING-COMPRESSION .062X1.50X.845 OD	1
46.	72661472	ROLL PIN .50X4.00	1
REV E 20130321			

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



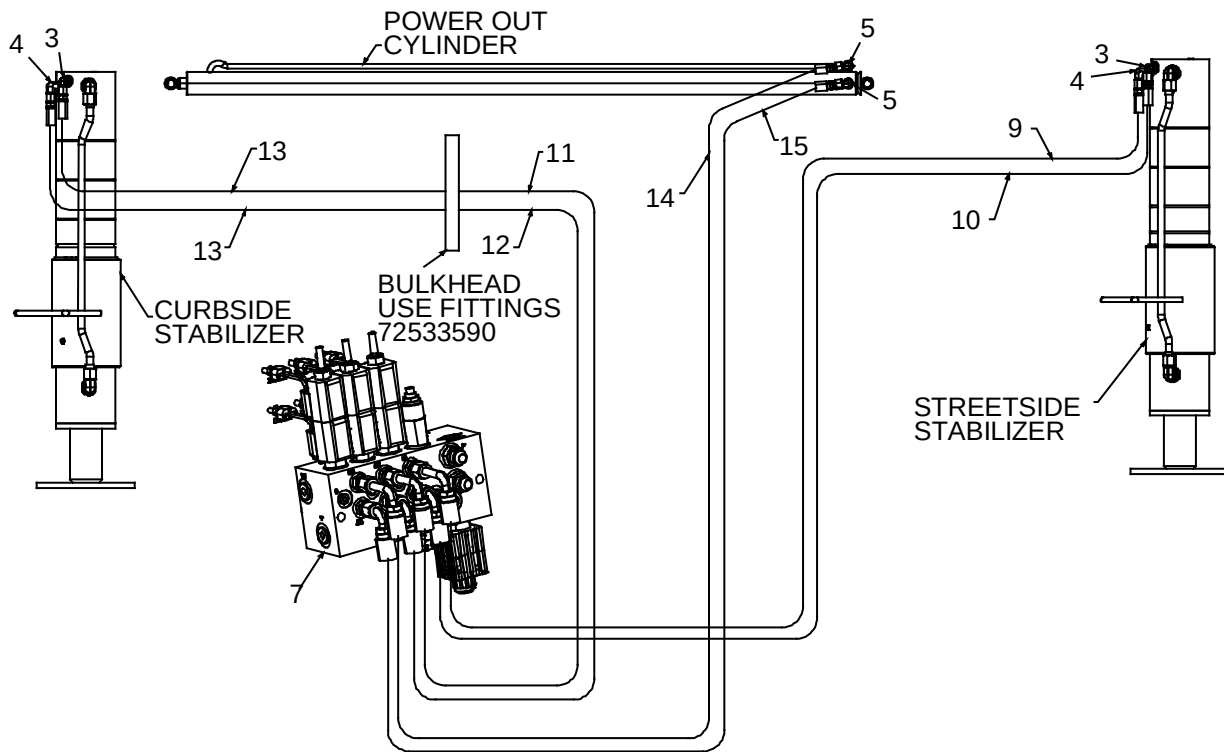
PARTS LIST

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

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

Stabilizer Hydraulic Installation (99904403)

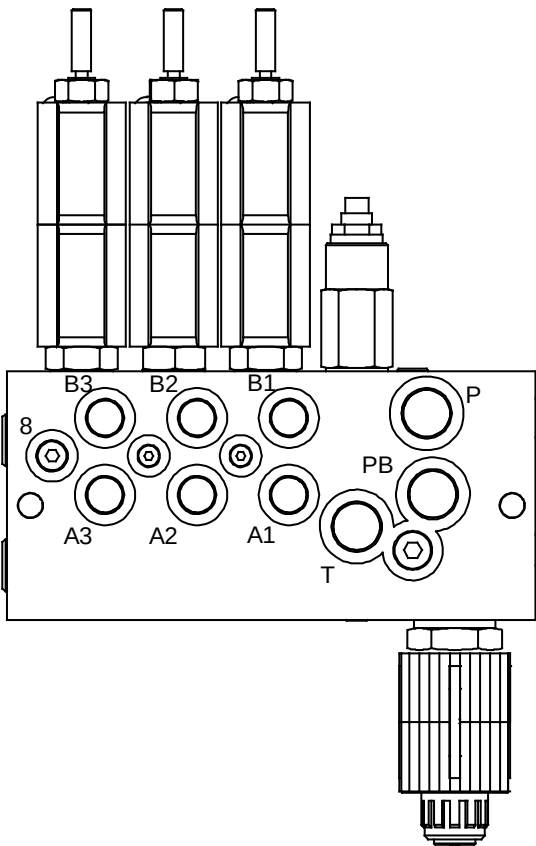
99904403-1 Drawing



99904403-1 PARTS LIST

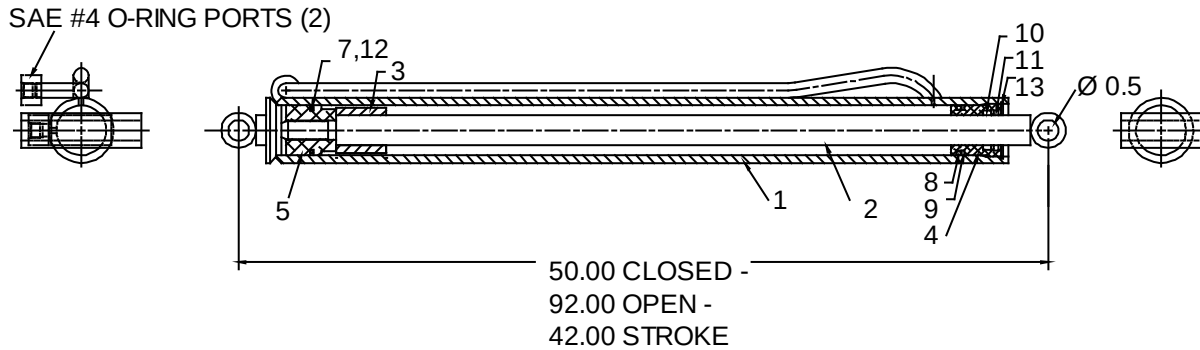
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51720994	KIT HOSE MANUAL OUT HYD STABILIZERS	REF
2.	51720995	KIT HOSE POWER OUT HYD STABILIZERS	REF
3.	72053758	ELBOW-M STR/90/M JIC 4 4	2
4.	72533567	ELBOW-M STR/M JIC XLG 4 4	2
5.	72532690	ELBOW-M JIC/90/F JIC SW 4 4	2
6.	72533590	ELBOW-M JIC/90/M JIC 4 4 BLKHD	2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

99904403-2 Drawing



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

Cylinder, Power Out (3B142860) (Effective 2-07, prior to 8-05)



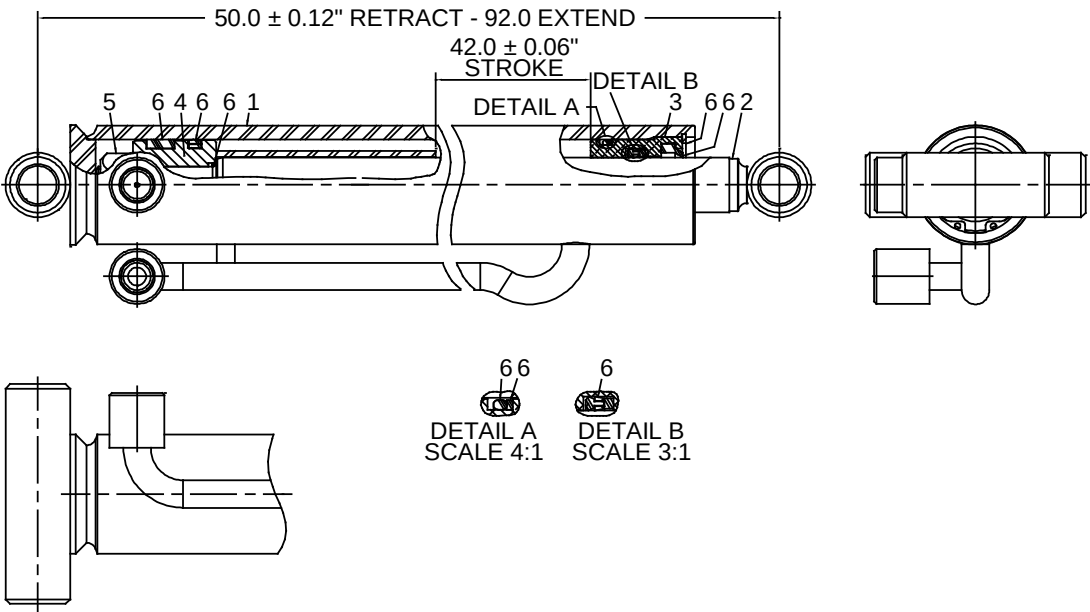
CYLINDER DATA	
CLOSED LENGTH	50.17 / 49.85" CLOSED
OPEN LENGTH	92.33 / 91.59" OPEN
STROKE	42.15 / 41.84" STROKE
PISTON TORQUE	10-40 FT-LB
CARTRIDGE TORQUE	30-35 FT-LB

NOTES:

- 1 REPLACE ALL COMPONENTS OF THE SEAL KIT WHENEVER THE CYLINDER IS DISASSEMBLED. THIS WILL REDUCE FUTURE DOWNTIME.
- 2 APPLY REGULAR GRADE ANTI-SEIZE AND LUBRICATING COMPOUND TO THE THREADS ON THE CYLINDER HEAD ONLY. KEEP AWAY FROM ALL SEALS.
- 3 APPLY "LUBRIPLATE" NO. 630-2 MEDIUM HEAVY, MULTI-PURPOSE LUBRICANT, TO ALL PISTON HEAD GLAND AND HOLDING VALVE SEALS, NYLON LOCK RING, CAST IRON PISTON RINGS, AND ROD STINGER THREADS.
- 4 TORQUE PISTON TO 10-40 FT-LB, CARTRIDGE TO 30-35 FT-LB.

3B142860 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	4B142860	CASE ASM	1
2.	4G142860	ROD ASM	1
3.	6C125007	STOP TUBE	1
4.	6H012007	HEAD	1
5.	6I012050	PISTON	1
6.	9B050608	SEAL KIT	REF
7.	7Q072021	O-RING	1
8.	7Q072214	O-RING	1
9.	7Q10P214	BACKUP RING	1
10.	7R100750	U-CUP SEAL	1
11.	7R13P007	ROD WIPER	1
12.	7T66P012	PISTON SEAL	1
13.	72066029	RETAINING RING	1
REV B 20120417			

Cylinder, Power Out (71411797) (Used 9-05 to 1-07)

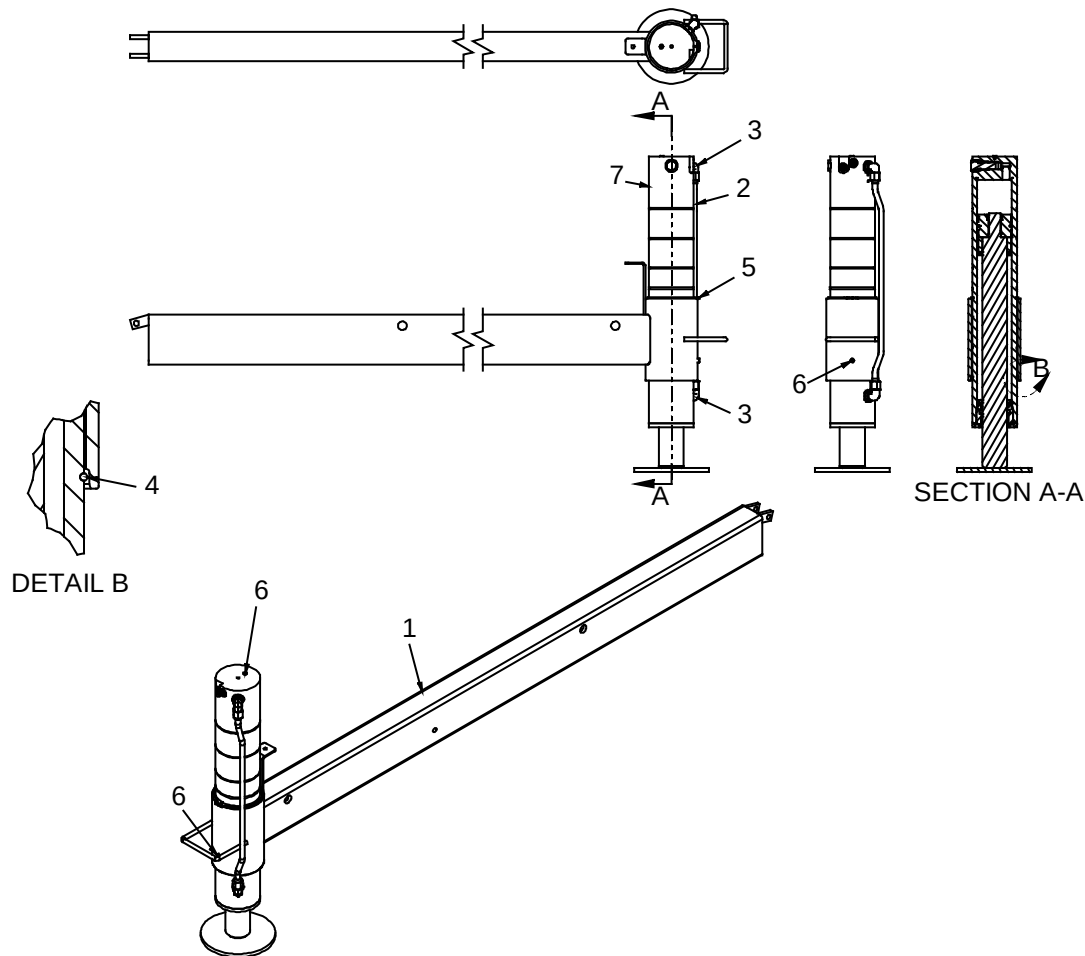


- NOTES:
- 1 TO REDUCE DOWNTIME, REPLACE ALL COMPONENTS OF THE SEAL KIT WHENEVER THE CYLINDER IS DISASSEMBLED.

71411797 CYLINDER DATA	
EXTENDED	1.23 IN², 0.22 GAL
RETRACTED	0.79 IN², 0.14 GAL
CASE	1.25 BORE X Ø1.63
ROD	Ø 0.750
DRY WEIGHT	19.7 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 (#6) WITH THREADLOCK COMPOUND TO 35-40 FT-LB

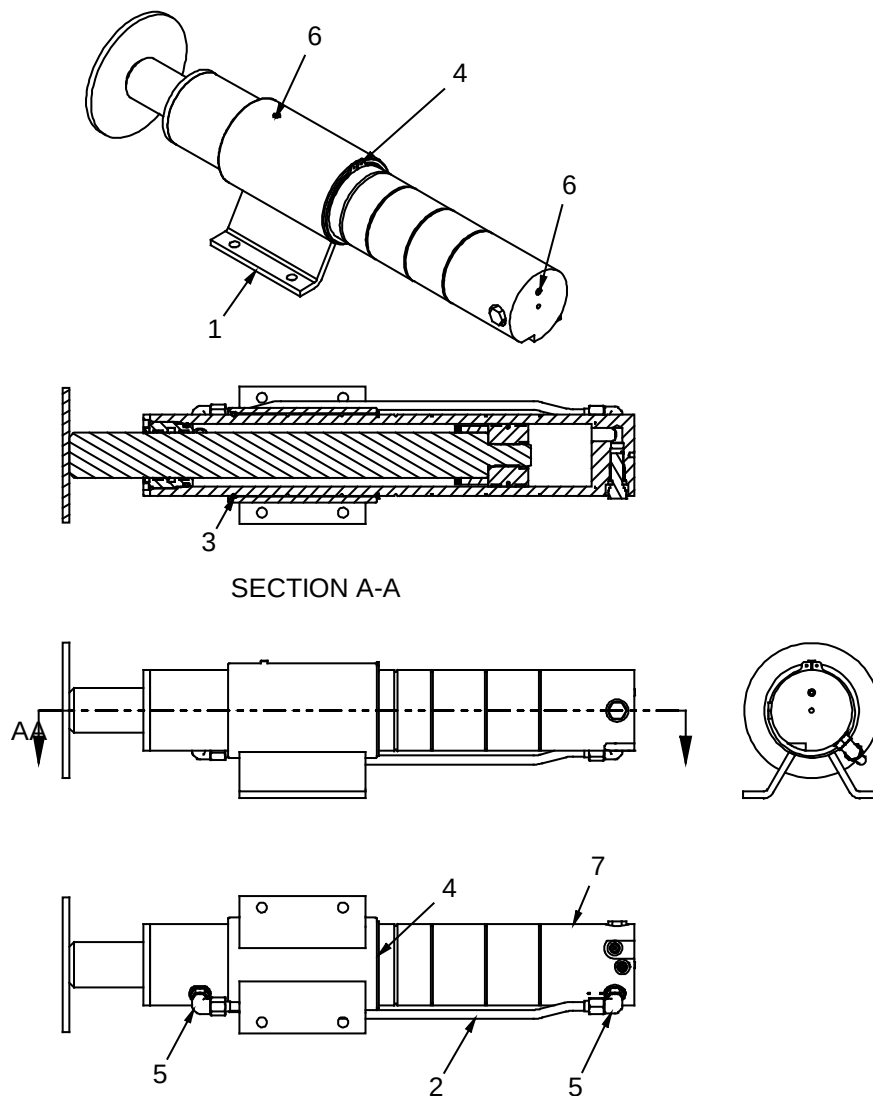
71411797 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	71411933	CASE WELDMENT	1
2.	71411934	ROD WELDMENT	1
3.	71411935	HEAD GLAND	1
4.	71411936	PISTON	1
5.	-REF-	LOCKNUT 1-14 UNS	1
6.	94396794	SEAL KIT	1
NEW 20051010			

Stabilizer Assembly (51719647)



51719647 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52719648	WLDMT-STABILIZER SLIDEOUT ASM	1
2.	5P288970	PORT TUBE- 0.50 OD X 20.8 LG	1
3.	72053763	ELBOW-M STR/90/M JIC 8 8	2
4.	71411151	RING-LOCK DOMINATOR STABILIZER	1
5.	71411152	RETAINING RING-4.50 DIA X .120	1
6.	72601851	SET SCR-SS .38-16X .50 SOC HEAD	2
7.	51718751	CYLINDER-3.50 BORE X 18.00S 28.38CC O.R. (WAS 71411796)	1
REV. A 20070313			

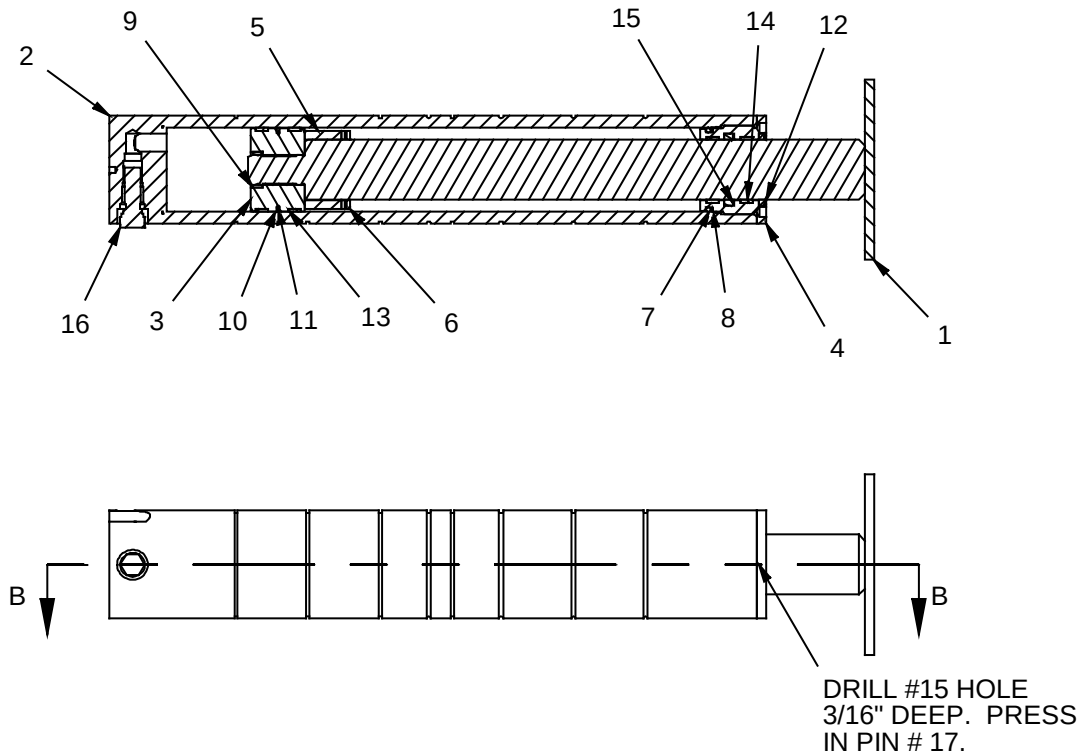
Stabilizer Assembly, Stationary Mount (51719649)



51719649 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52719650	WELDMENT-STABILIZER STATIONARY	1
2.	5P288970	PORT TUBE- 0.50 OD X 20.8 LG	1
3.	71411151	RING-LOCK DOMINATOR STABILIZER	1
4.	71411152	RETAINING RING-4.50 DIA X .120	1
5.	72053763	ELBOW-M STR/90/M JIC 8 8	2
6.	72601851	SET SCR-SS .38-16X .50 SOC HEAD	2

7.	51718751	CYLINDER-3.50 BORE X 18.00S 28.38 CC O.R. (WAS 71411796)	1
REV. A 20070313			

Cylinder (51718751) (Thru. 9-05, Eff. 2/07)



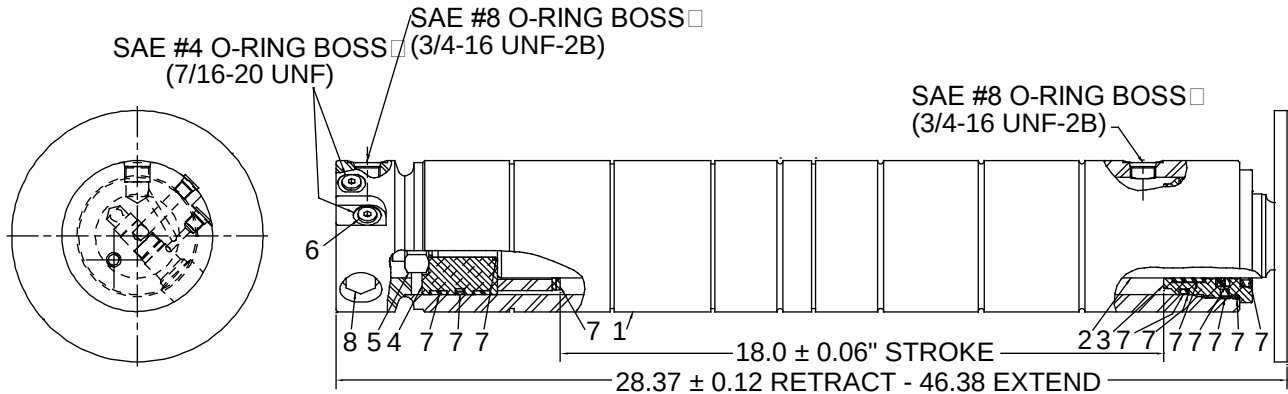
NOTES:

- 1 REPLACE ALL COMPONENTS OF THE SEAL KIT WHENEVER THE CYLINDER IS DISASSEMBLED. THIS WILL REDUCE FUTURE DOWNTIME.
- 2 APPLY REGULAR GRADE ANTI-SEIZE AND LUBRICATING COMPOUND TO THREADS ON CYLINDER HEAD ONLY. KEEP AWAY FROM ALL SEALS.
- 3 APPLY "LUBRIPLATE" NO. 630-2 MEDIUM HEAVY, MULTI-PURPOSE LUBRICANT, TO ALL PISTON, HEAD GLAND, AND HOLDING VALVE SEALS, NYLON LOCK RING, CAST IRON PISTON RINGS, AND ROD STINGER THREADS.
- 4 ITEM #6, STOP TUBE, REPLACES 6A025025 WAFER LOCK. USE STOP TUBE INSTEAD OF WAFER LOCK WHEN RESEALING CYLINDER.
- 5 PRESS LOCKING PIN (ITEM #17) INTO #15 HOLE DRILLED 0.188" DEEP.
- 6 TORQUE PISTON TO 500-530 FT-LB, HEAD TO 350 FT-LB, AND CARTRIDGE TO 30-35 FT-LB.

51718751 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	4G048870	ROD ASSEMBLY	1
2.	52718748	CASE ASSEMBLY	1
3.	6ID35125	PISTON	1

51718751 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
4.	6HD35025	HEAD	1
5.	6c015025	STOP TUBE	1
6.	60138276	STOP TUBE (WAS 6A025025)	1
7.	7Q072338	O RING 3.12X 3.50X .19 70	1
8.	7Q10P338	BACKUP RING-3.12 ID X 3.50 OD	1
9.	7T61N125	LOCK RING-NYLON 1.25	1
10.	7T66P035	PISTON SEAL	1
11.	7Q072151	O RING 3.00X 3.19X .09 70	1
12.	7R14P025	ROD WIPER-TYPE D 2.25 ROD	1
13.	7T2N4035	WEAR RING-PISTON 3.50X3.25X.5	2
14.	7T2NX427	WEAR RING-ROD 2.50 ID X 0.50W HAL	2
15.	7R546025	U-CUP LOADED 2.50X3.00X.38 "B	1
16.	73054681	VALVE-CHECK PILOT/OPEN NONVENT	1
17.	60125699	LOCKING PIN	1
18.	9D142020	SEAL KIT (WAS 9C142020) (INCL 7-15,17)	1
REV. C 20120308			

Cylinder (71411796) (Eff. 10-05 through 1/07)



NOTES:

- 1 TO REDUCE DOWNTIME, REPLACE ALL COMPONENTS OF THE SEAL KIT WHENEVER THE CYLINDER IS DISASSEMBLED.

71411796 CYLINDER DATA

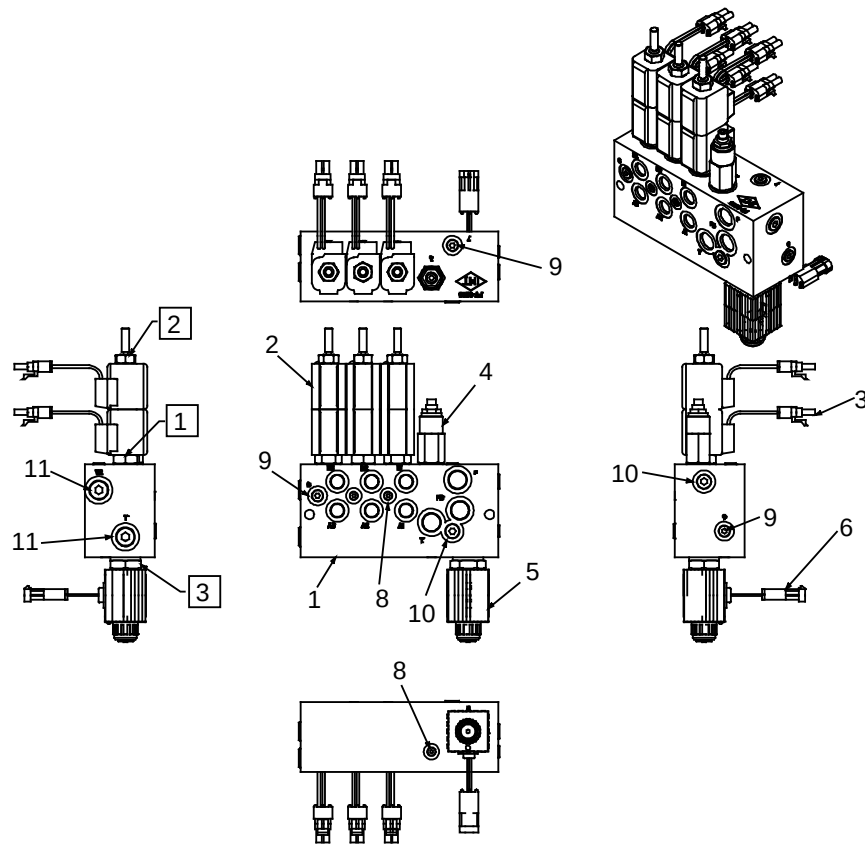
EXTENDED	9.62 IN ² , 0.75 GAL
RETRACTED	4.71 IN ² , 0.37 GAL
CASE	3.50 BORE X ø4.50
ROD	ø2.50
DRY WEIGHT	90.7 LB
TEST PRESSURE	3500 PSI
OPERATING PRESSURE	3000 PSI
PORTS	SAE #8 O-RING BOSS (3/4-16 UNF-2B) (QTY 2) AND SAE #4 O-RING BOSS (7/16-20 UNF-2B) (QTY 2)
CYLINDER TUBE BURST PRESSURE	19,380 PSI
TORQUES	TORQUE LOCKNUT (#5) WITH THREADLOCK COMPOUND TO 500-550 FT-LB USING LOCTITE GRADE 271 OR EQUIVALENT.
	TORQUE O-RING BOSS PLUG (#6) WITH THREADLOCK COMPOUND TO 10-12 FT-LB USING LOCTITE GRADE 243 OR EQUIVALENT.
	TORQUE HEAD GLAND (#3) TO 250-300 FT-LB.
	TORQUE CHECK VALVE TO 30-35 FT-LB.

71411796 CYLINDER DATA

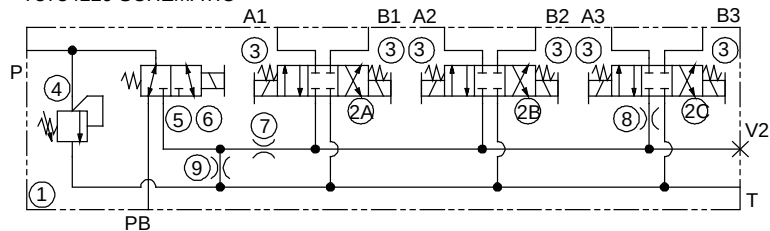
ITEM	PART #	DESCRIPTION	QUANTITY
1.	71411929	CASE WELDMENT	1
2.	71411930	ROD WELDMENT	1
3.	71411931	HEAD GLAND	1
4.	71411932	PISTON	1
5.	REF	LOCKNUT, 1.25-12 UNF	1
6.	REF	PLUG, #4 STEEL HEX HOL	2
7.	94396793	SEAL KIT	1
8.	73054681	CHECK VALVE PO	1

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

NOTE: EFFECTIVE S/N DOMS2S071385.



73734229 SCHEMATIC



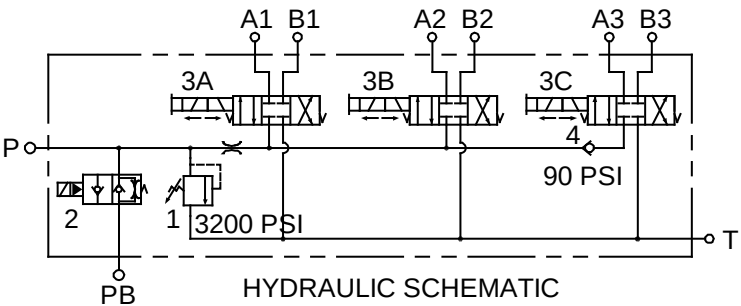
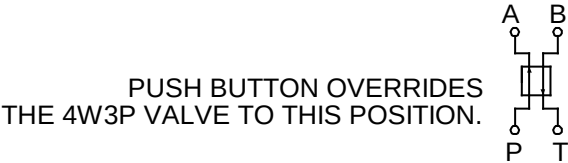
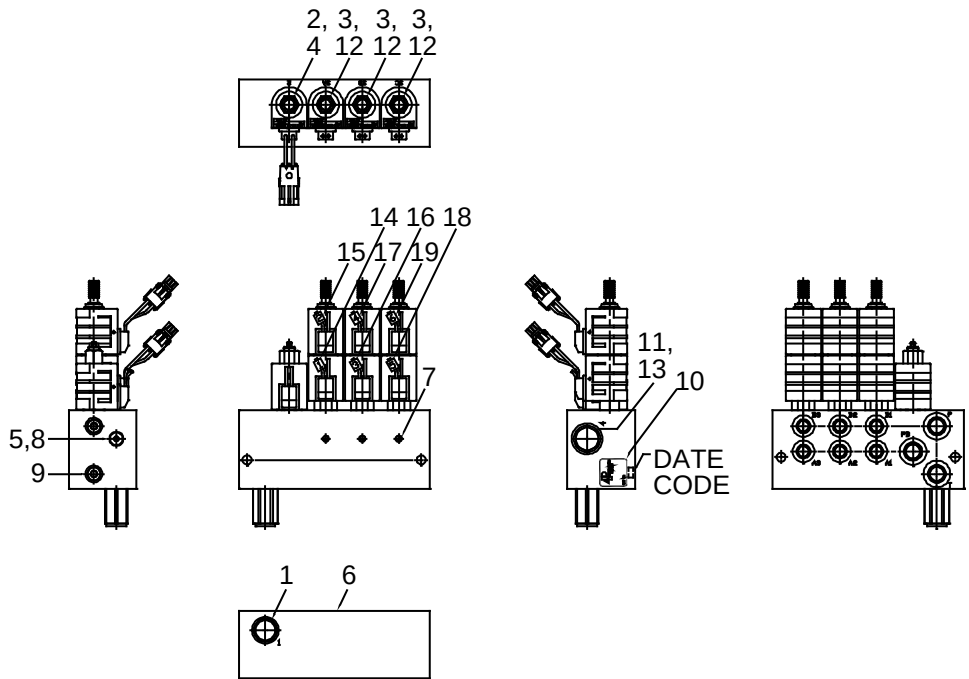
NOTES (SEE REFERENCE NUMBER IN BOX):

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

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

Valvebank, Power Out/Power Down (73733953) (Through 6-15-07)

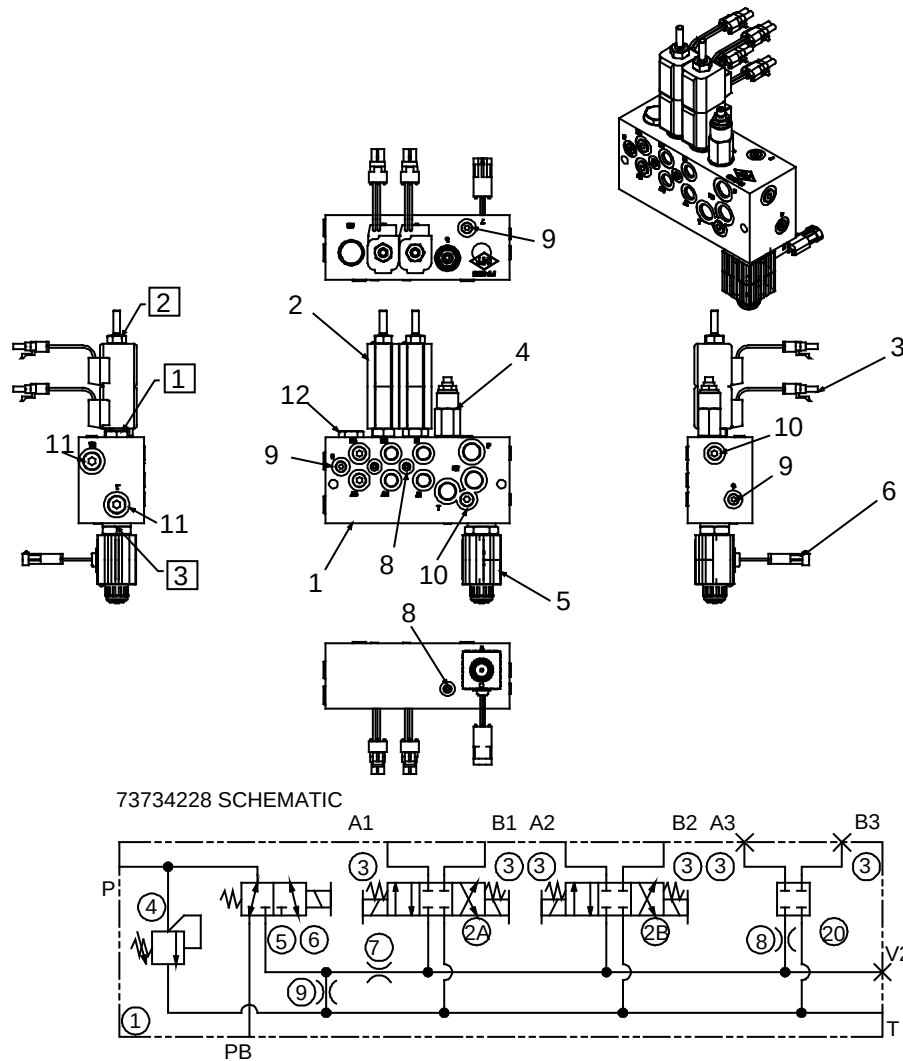
NOTE: EFFECTIVE THROUGH S/N DOMS2S071384.



73733953 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	73540183	VALVE, RELIEF 3000 PSI	1
2.	73540184	VALVE, POPPET	1
3.	73540185	VALVE, SPOOL	3
4.	77040477	COIL, 12V	1
5.	72534430	PLUG, ORIFICE	1
6.		MANIFOLD	1
7.		PLUG, EXPANDER	3
8.		PLUG, SAE #4	1
9.		PLUG, SAE #6	2
10.		NAME PLATE	1
11.	73540182	CHECK VALVE	1
12.	77040476	COIL, 12VDC	6
13.	73540181	ORIFICE DISK, 0.046 DIA	1
14-19		WIRE MARKERS	1REF
		PLASTIC PLUG, SAE #8	3

Valvebank, Manual Out/Power Down (73734228) (Eff. 6-15-07)

NOTE: EFFECTIVE S/N DOMS2S071385.



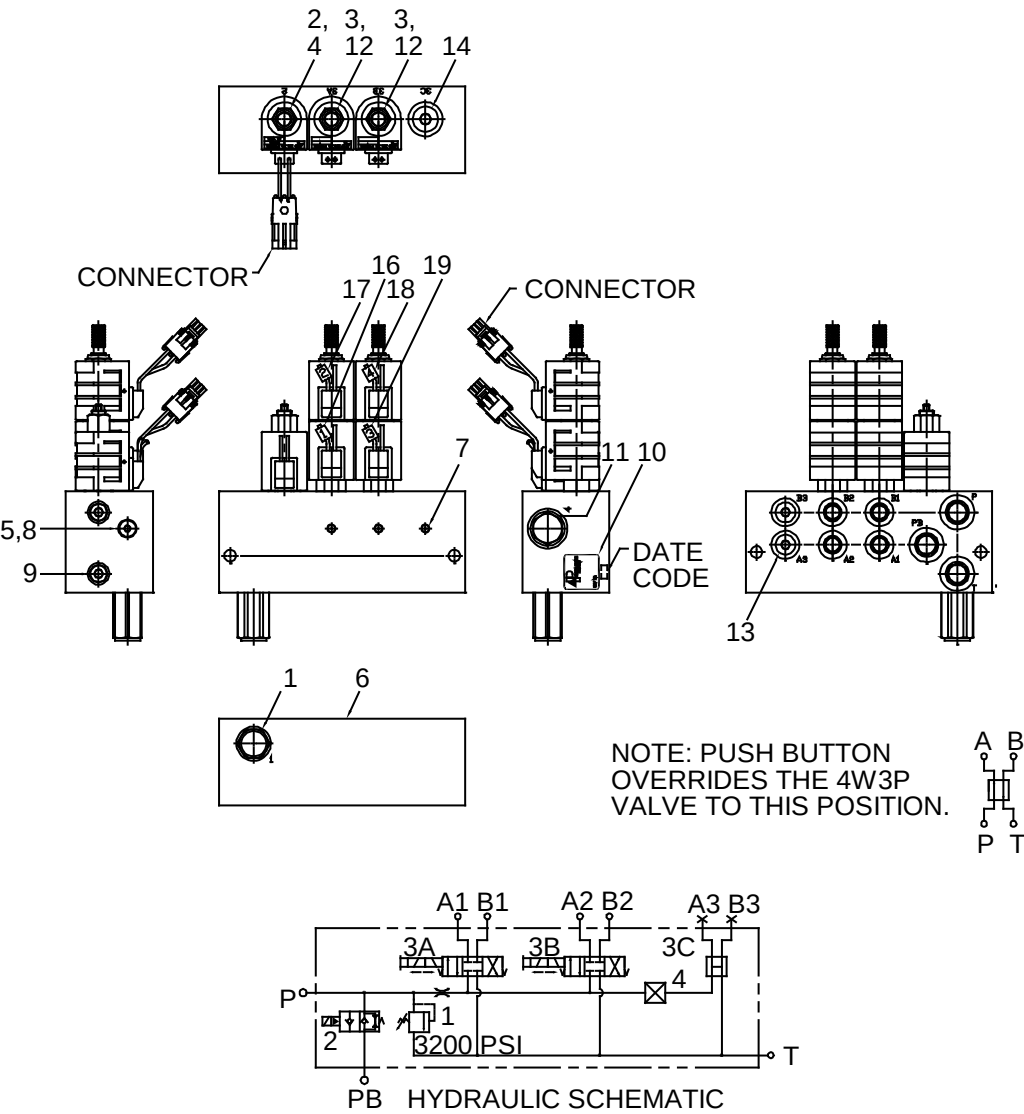
NOTES (IF TIED TO DRAWING, SEE REFERENCE NUMBER IN):

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

73734228 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	73734228	VALVE BANK 2 SEC W/SOLENOIDS STAB	1
2.	73540271	VALVE-SOLENOID (INCLUDES 2 OF ITEM 77040498)	2
3.	77040498	COIL-12VDC LEAD WIRE	4
4.	73540269	VALVE-RELIEF 3200 PSI	1
5.	73540270	VALVE-SOLENOID SOFT SHIFT (INCLUDES ITEM 77040499)	1
6.	77040499	COIL-12VDC 36W LEADWIRE	1
7.	-	MANIFOLD	1
8.	-	SAE -2 PLUG	3
9.	-	SAE -4 PLUG	3
10.	-	SAE -6 PLUG	2
11.	-	SAE -8 PLUG	2
12.	72534497	PLUG-CAVITY	1
NEW 20070626			

Valvebank, Manual Out/Power Down (73733958) (Through 6-15-07)

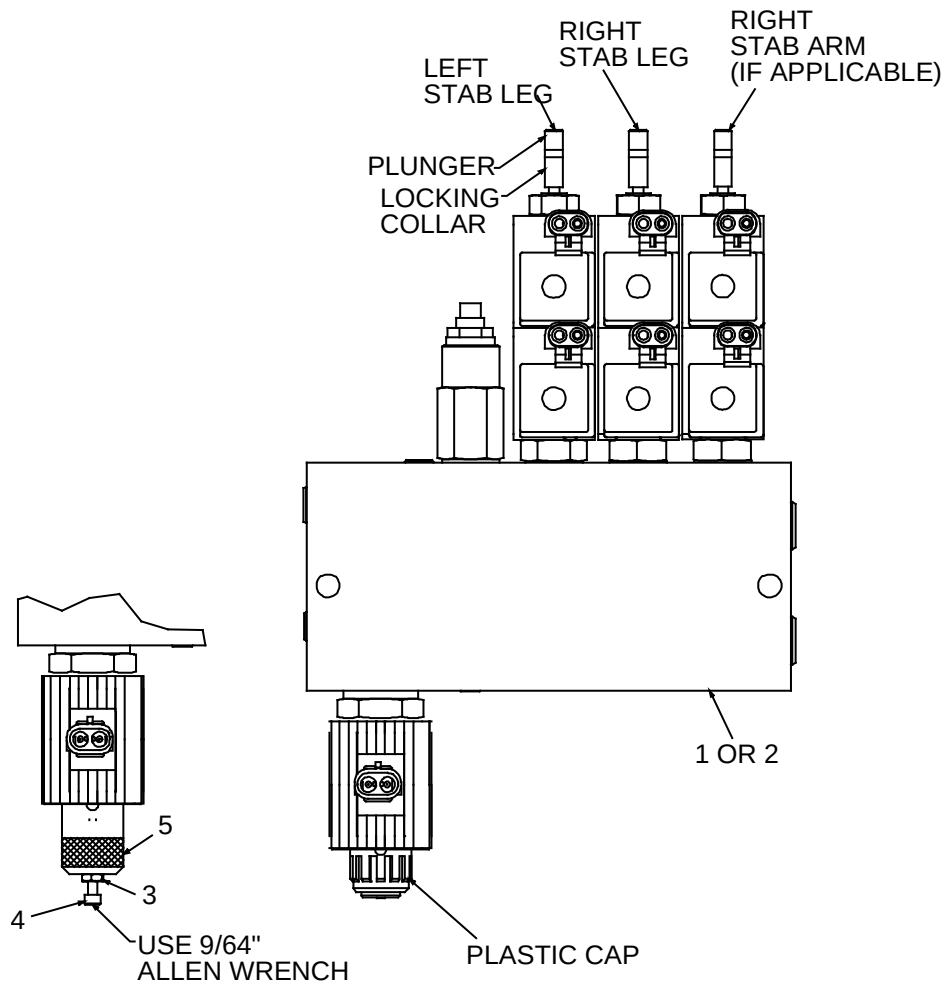
NOTE: EFFECTIVE THROUGH S/N DOMS2S071384.



73733958 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	73540183	VALVE, RELIEF 3000 PSI	1
2.	73540184	VALVE, POPPET	1
3.	73540185	VALVE, SPOOL	2
4.	77040477	COIL, 12V	1

73733958 PARTS LIST			
5.	73534430	PLUG, ORIFICE	1
6.		MANIFOLD	1
7.		PLUG, EXPANDER	3
8.		PLUG, SAE #4	1
9.		PLUG, SAE #6	2
10.		NAME PLATE	1
11.		PLUG, CAVITY	1
12.	77040476	COIL, 12VDC	4
13.		PLUG, SAE #6	2
14.		PLUG, SAE #8	1
16-19		I.D. TAGS	1REF
		PLUG, PLASTIC, SAE #6	4
		PLUG, PLASTIC SAE #8	3

Stabilizer Override Installation & Operation (99904272)



INSTALLING MANUAL OVERRIDE

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

MANUAL OVERRIDE PROCEDURE

- 1 LOOSEN JAM NUT (ITEM 3).
- 2 TURN ADJUSTMENT SCREW (ITEM 4) CLOCKWISE UNTIL IT BOTTOMS OUT (APPROXIMATELY 6 FULL TURNS).
- 3 RAISE LOCKING COLLAR AND PUSH PLUNGER DOWN TO RETRACT DESIRED FUNCTION, OR LIFT TO EXTEND DESIRED FUNCTION.
- 4 RELEASE PLUNGER.
- 5 RELEASE LOCKING COLLAR ON ANY VALVE ACTIVATED.
- 6 PUSH AND RELEASE PLUNGER TO RETURN LOCKING COLLAR TO NEUTRAL POSITION.
- 7 RETURN ADJUSTMENT SCREW (ITEM 4) TO ORIGINAL POSITIONS.
- 8 TIGHTEN JAM NUT (ITEM 3).

99904272 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	73734229	VALVE BANK 3 SEC W/SOLENOIDS	REF
2.	73734228	VALVE BANK 2 SEC W/SOLENOIDS	REF
3.	72062093	NUT # 8-32 HEX ZINC	1
4.	72601718	CAP SCR # 8-32X .75 SH PLAIN	1
5.	73029619	CAP-STABILIZER VALVE MANUAL OVERRIDE	1
6.	91721165	KIT-DOM STABILIZER VALVE OVERRIDE (INCL. ITEMS 3-5)	REF
NEW 20070719			

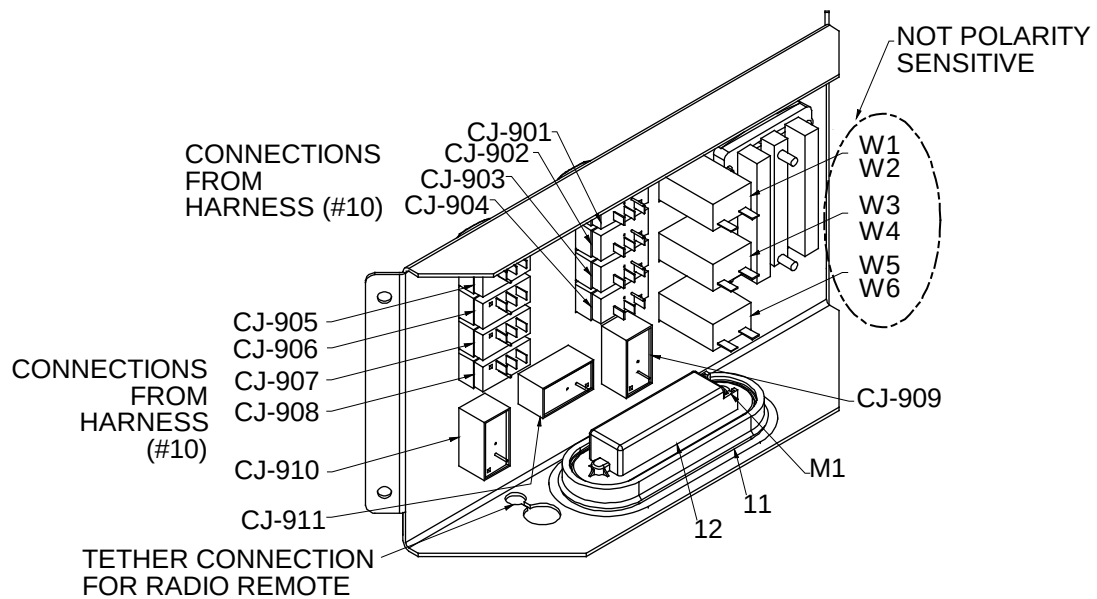
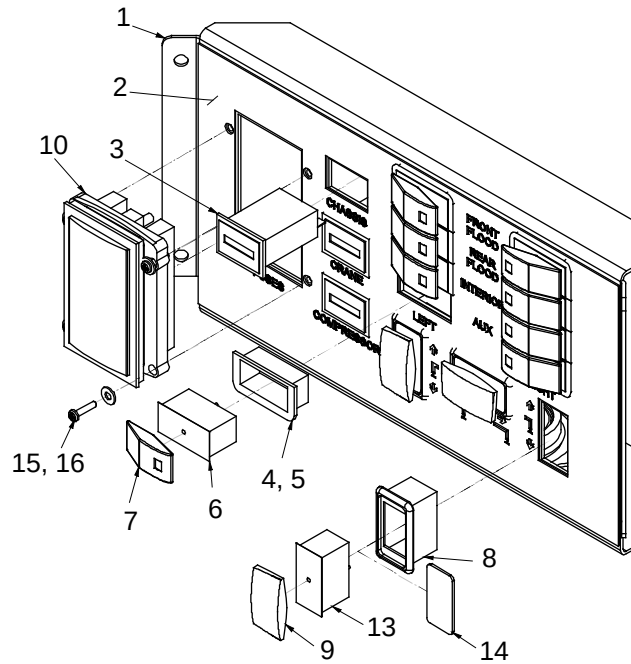
CHAPTER 10

Electrical Options & Installation

In This Chapter

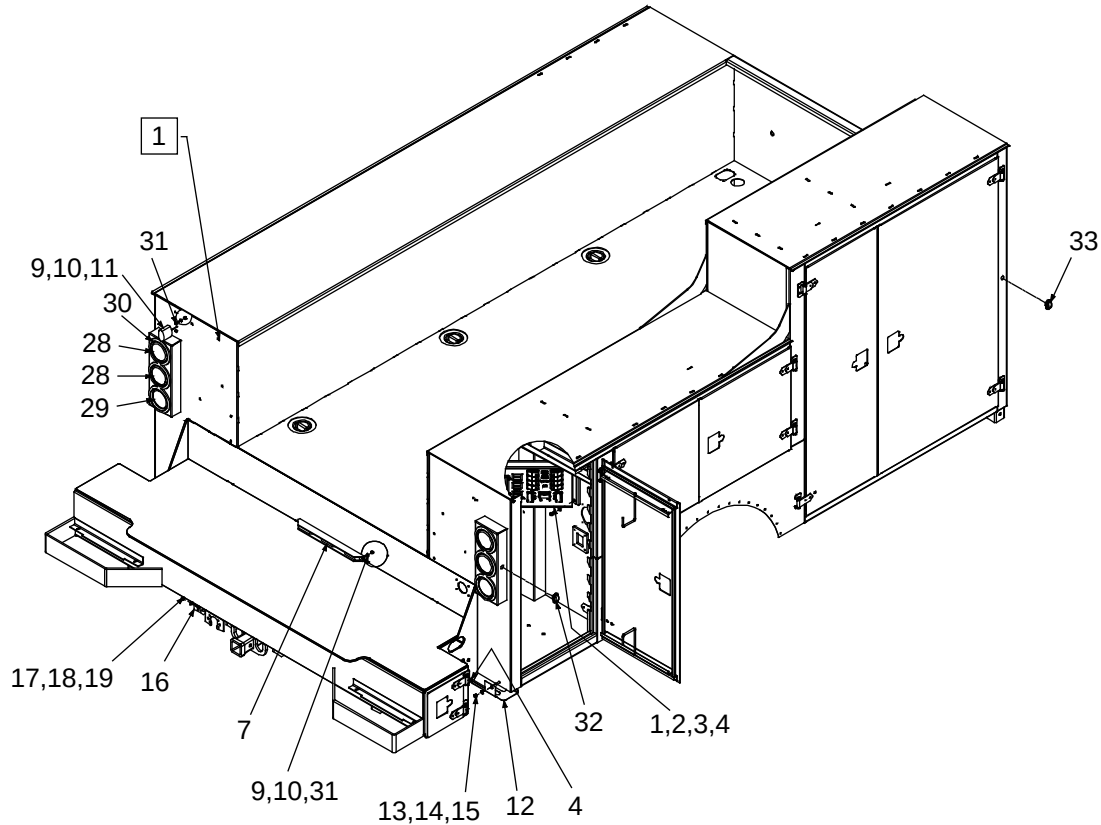
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Electrical Panel (99903680)



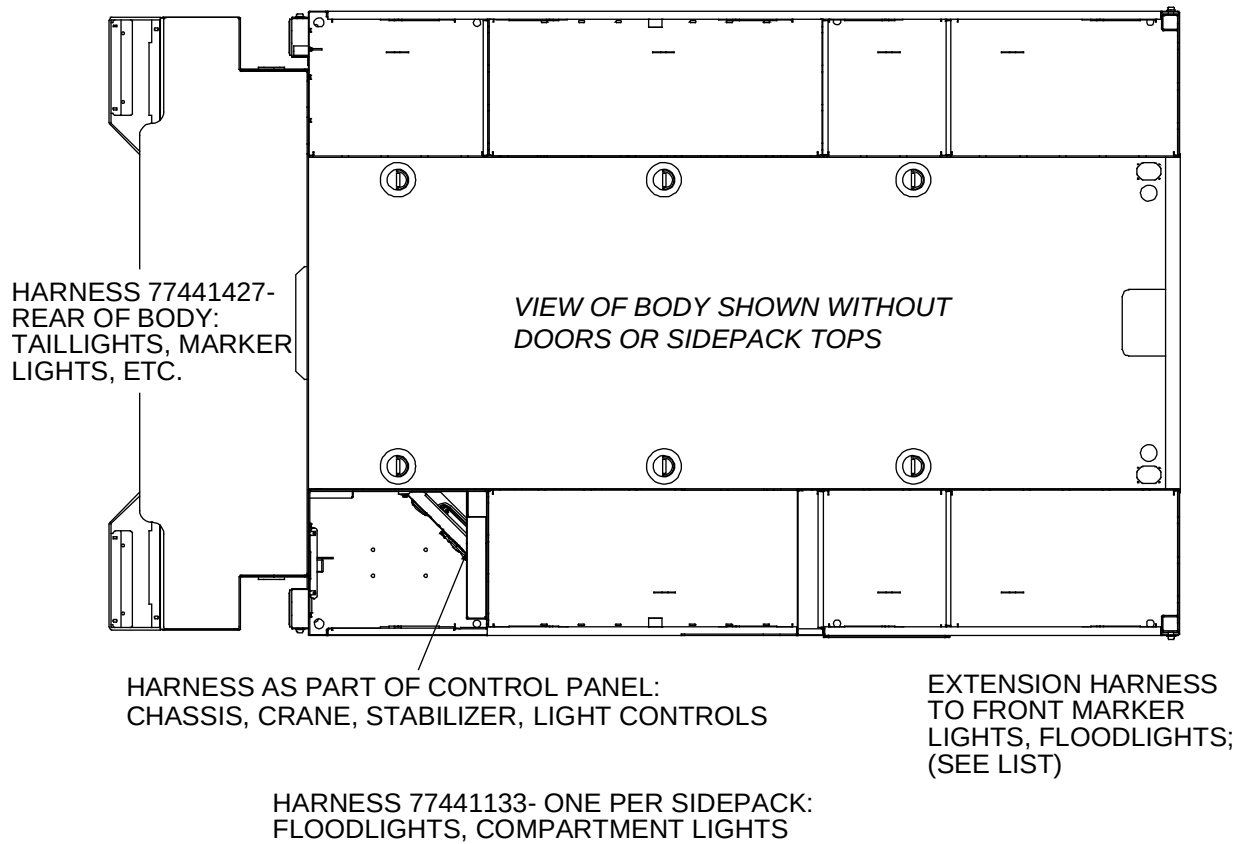
99903680 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60251121	ELECTRICAL PANEL	1
2.	70396600	DECAL-ELECTRICAL CONTROL PANEL DOM	1
3.	70733496	METER-HOUR DATCON PUSH LOCK MOUNTING	3
4.	77041502	SWITCH-ROCKER MTG PANEL END	4
5.	77041504	SWITCH-ROCKER MTG PANEL MIDDLE	4
6.	77041500	SWITCH-ROCKER BODY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

Electrical Installation (99904088) (Eff. 9-5-06)



NOTES (SEE REFERENCE NUMBER IN BOX):

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



NOTES (SEE REFERENCE NUMBER IN BOX):

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

99904088 PARTS LIST

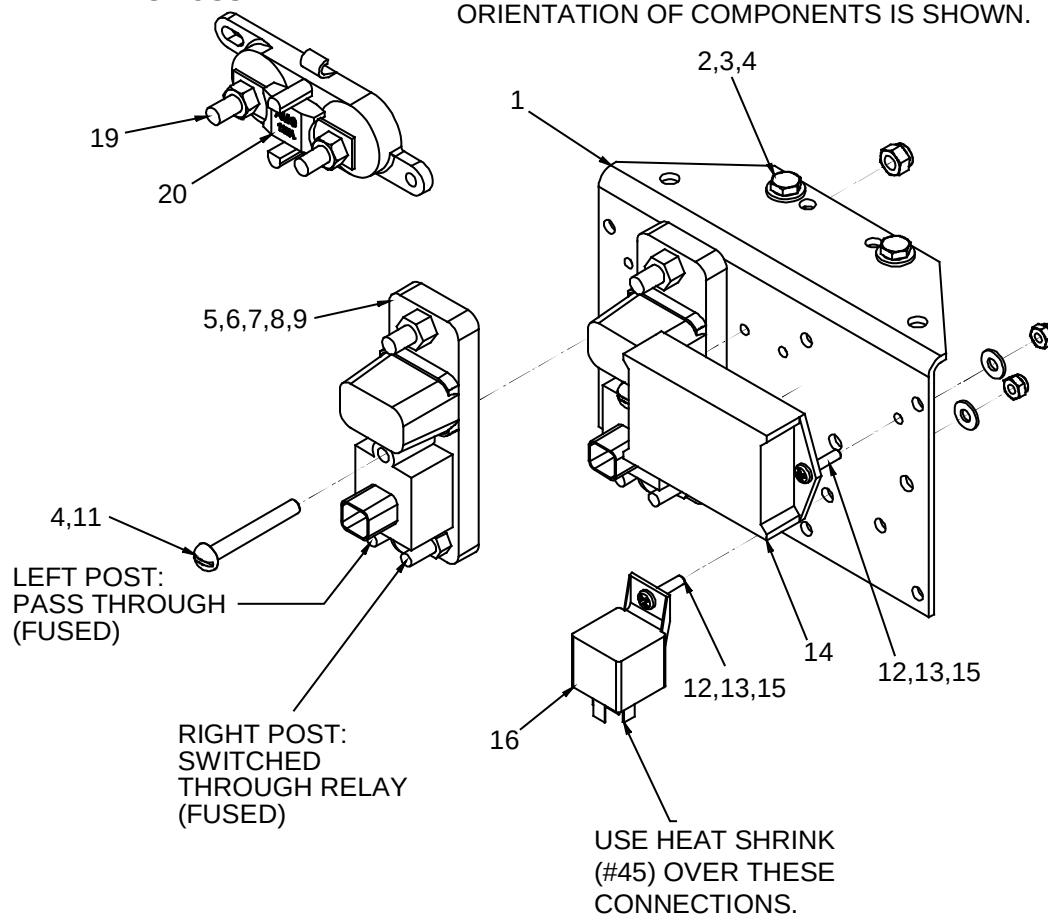
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51720172	ELECTRICAL PANEL (DOM4)	1
1.	51719191	ELECTRICAL PANEL (DOM1 & DOM2)	1
2.	72063050	WASHER .31 LOCK	4
3.	72060021	CAP SCR .31-18X .50 HH GR5 Z	4
4.	89396626	EDGING-PLASTIC BLK (DOM IV ONLY)	A/R
7.	77040483	LIGHT-3-BAR LED	1
8.	72063000	WASHER .19 W FLAT ANSI B27.2Z	5
10.	72062106	NUT 10-24 HEX NYLOCK	4
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 0002)	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			

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

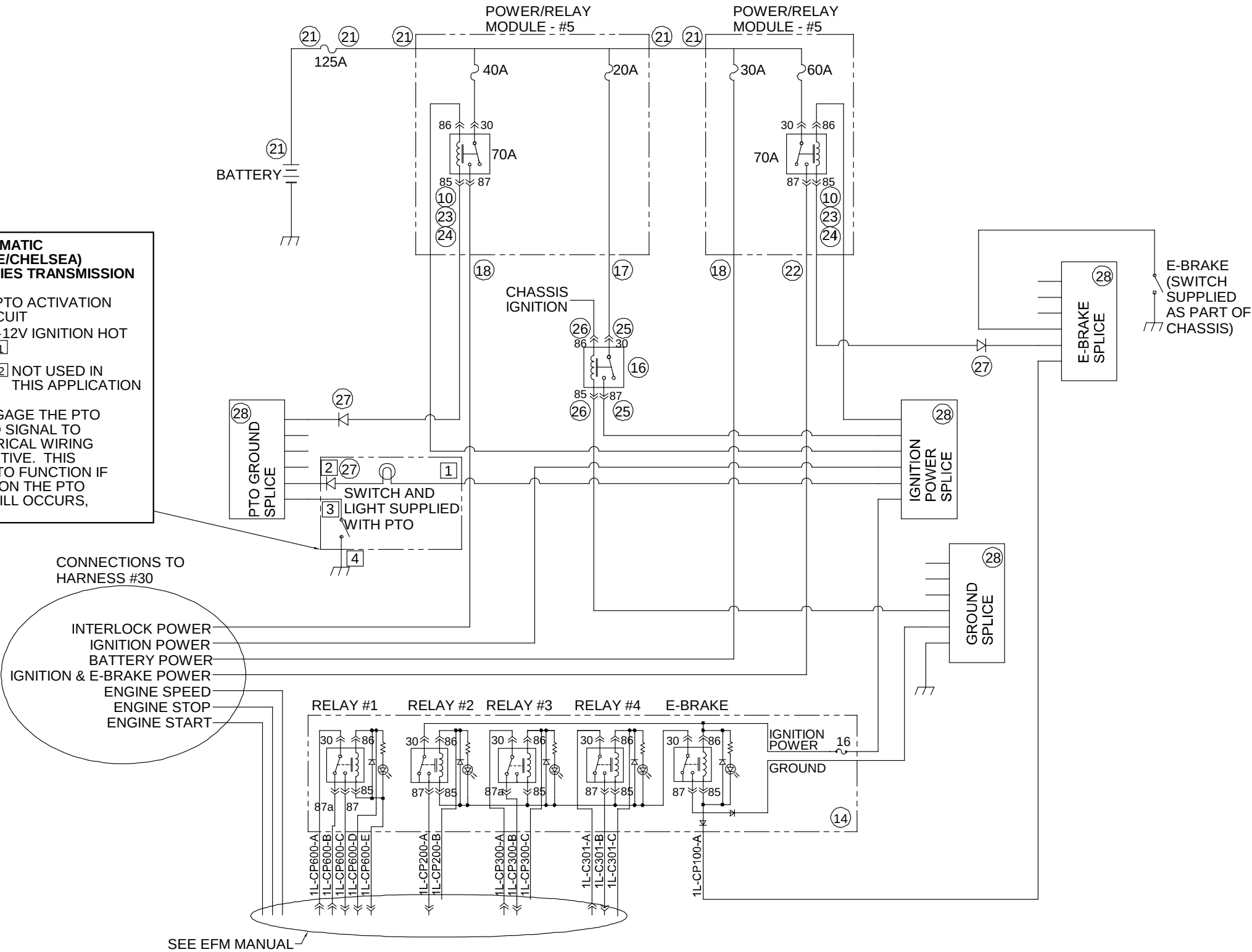
TO PTO ACTIVATION
CIRCUIT

12V IGNITION HOT

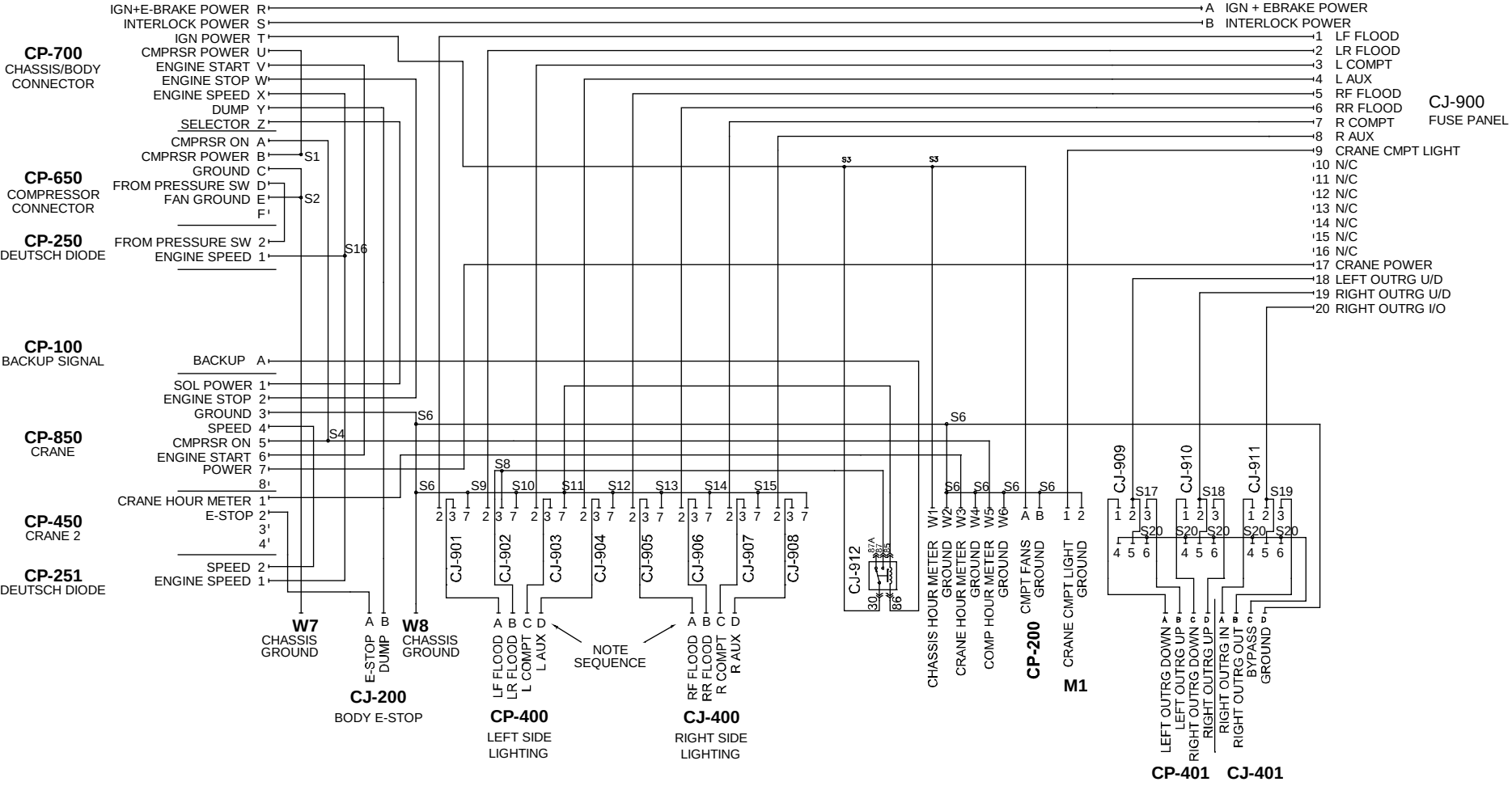
10A

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.)



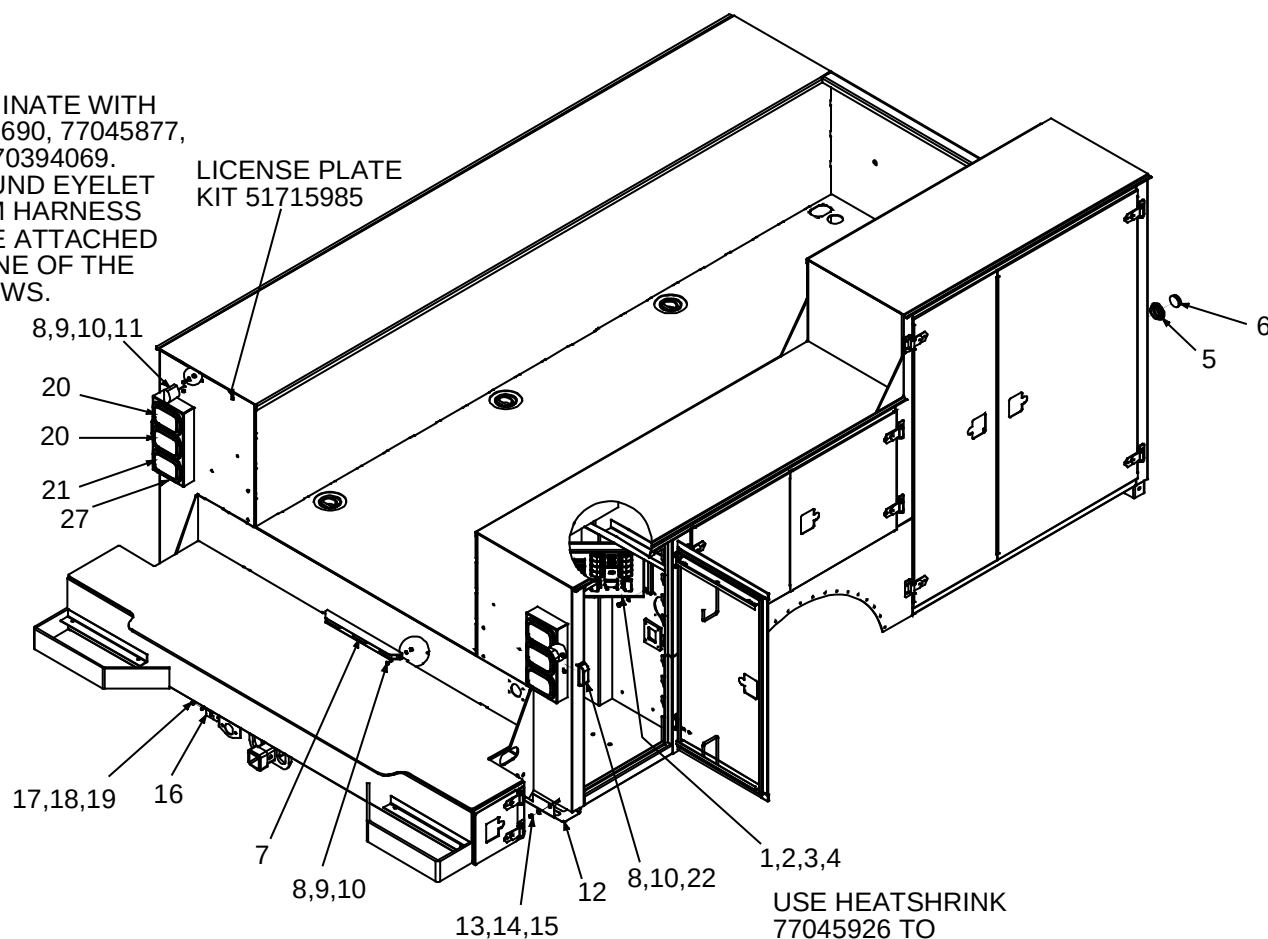
Power Panel (Dom 1-2) (77441129)



Electrical Installation (99903763) (Eff. 4-20-06 thru 9-5-06)

TERMINATE WITH
77044690, 77045877,
AND 70394069.
GROUND EYELET
FROM HARNESS
TO BE ATTACHED
TO ONE OF THE
SCREWS.

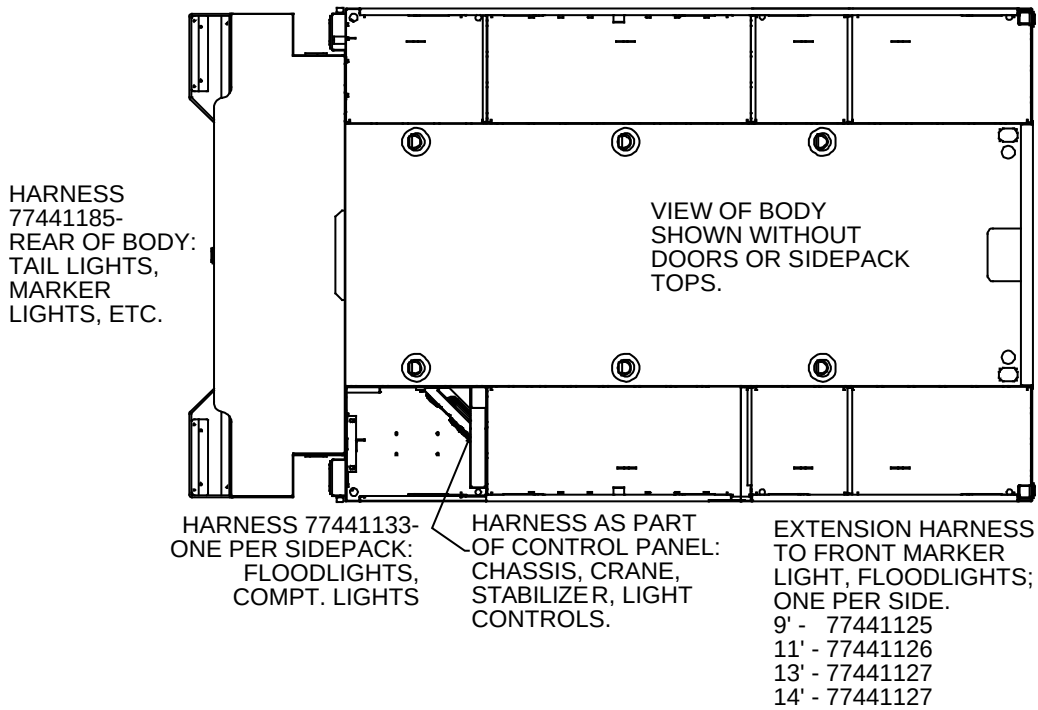
LICENSE PLATE
KIT 51715985



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

USE HEATSHRINK
77045926 TO
PROTECT UNUSED
COMPARTMENT
LIGHT CONNECTOR.

99903763 HARNESS INSTALLATION

**99903763 PARTS LIST**

ITEM	PART #	DESCRIPTION	QUANTITY
1.	51719191	ELECTRICAL PANEL (DOM 1,2)	1
	51720172	ELECTRICAL PANEL (DOM 4)	1
2.	72063050	WASHER .31 LOCK	4
3.	72060021	CAP SCR .31-18X .50 HH GR5 Z	4
4.	89396626	EDGING-PLASTIC BLK	1
5.	77040484	GROMMET-2IN DIA LED MARKER	2
6.	77040478	LIGHT-CLEAR AMBER LED 2in DIA	2
7.	77040483	LIGHT-3 BAR LED	1
8.	72060636	SCR-MACH #10-24X .75 RDH PH ZINC	8
9.	72063000	WASHER .19 W FLAT ANSI B27.2Z	5
10.	72062106	NUT 10-24 HEX NYLOCK	8
11.	774411004	LIGHT-LICENSE PLATE PLASTIC	1
12.	60120705	MTG BRKT-WIRE HARNESS	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.	72060002	CAP SCR .25-20X .75 HH GR5Z	2
18.	72063001	WASHER .25 FLAT	2
19.	72062104	NUT .25-20 HEX NYLOCK	2
20.	77040480	LIGHT-STOP/TURN/TAIL LED ELEMENT	4
21.	77040482	LIGHT-CLEAR BACK UP	2
22.	77040479	LIGHT-MARKER CLEAR RED LED THIN LINE	2

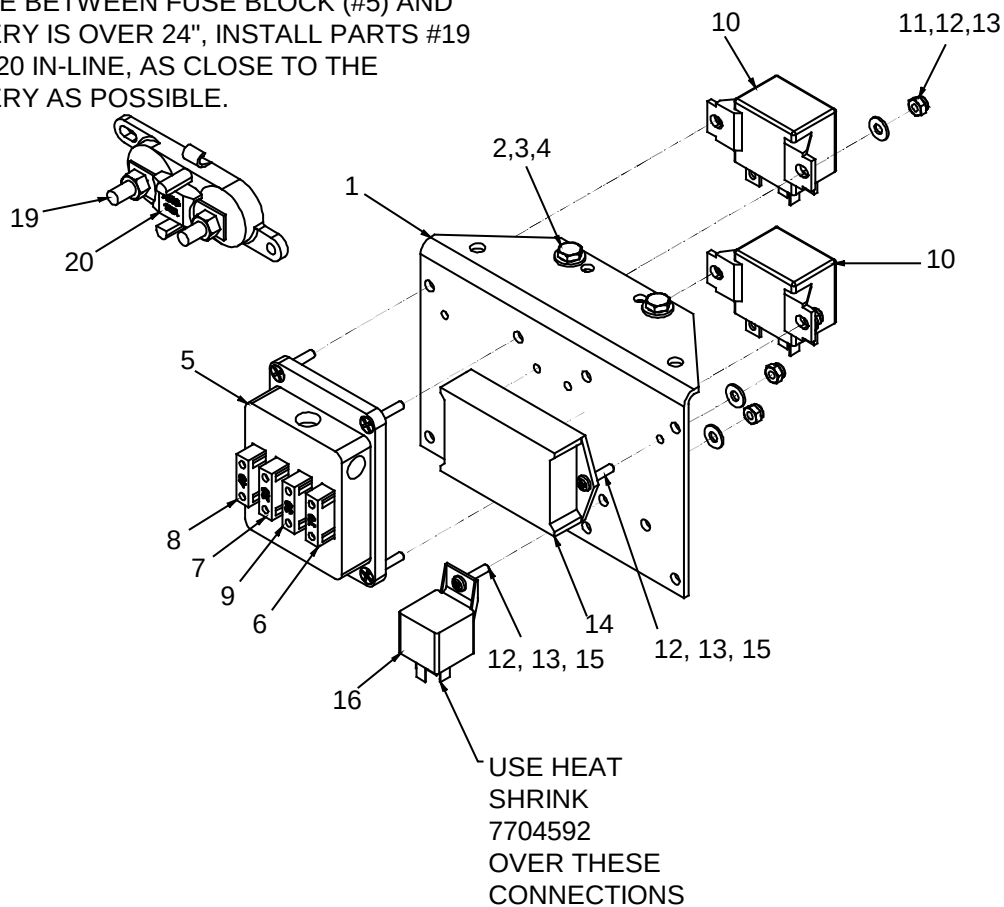
99903763 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
23.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	2
24.	72063003	WASHER .38 W FLAT ANSI B27.2Z	2
25.	72063051	WASHER .38 LOCK ZINC	2
26.	72062103	NUT .38-16 HEX NYLOC ZINC	2
27.	77040481	GROMMET	6

REV. A 20060523

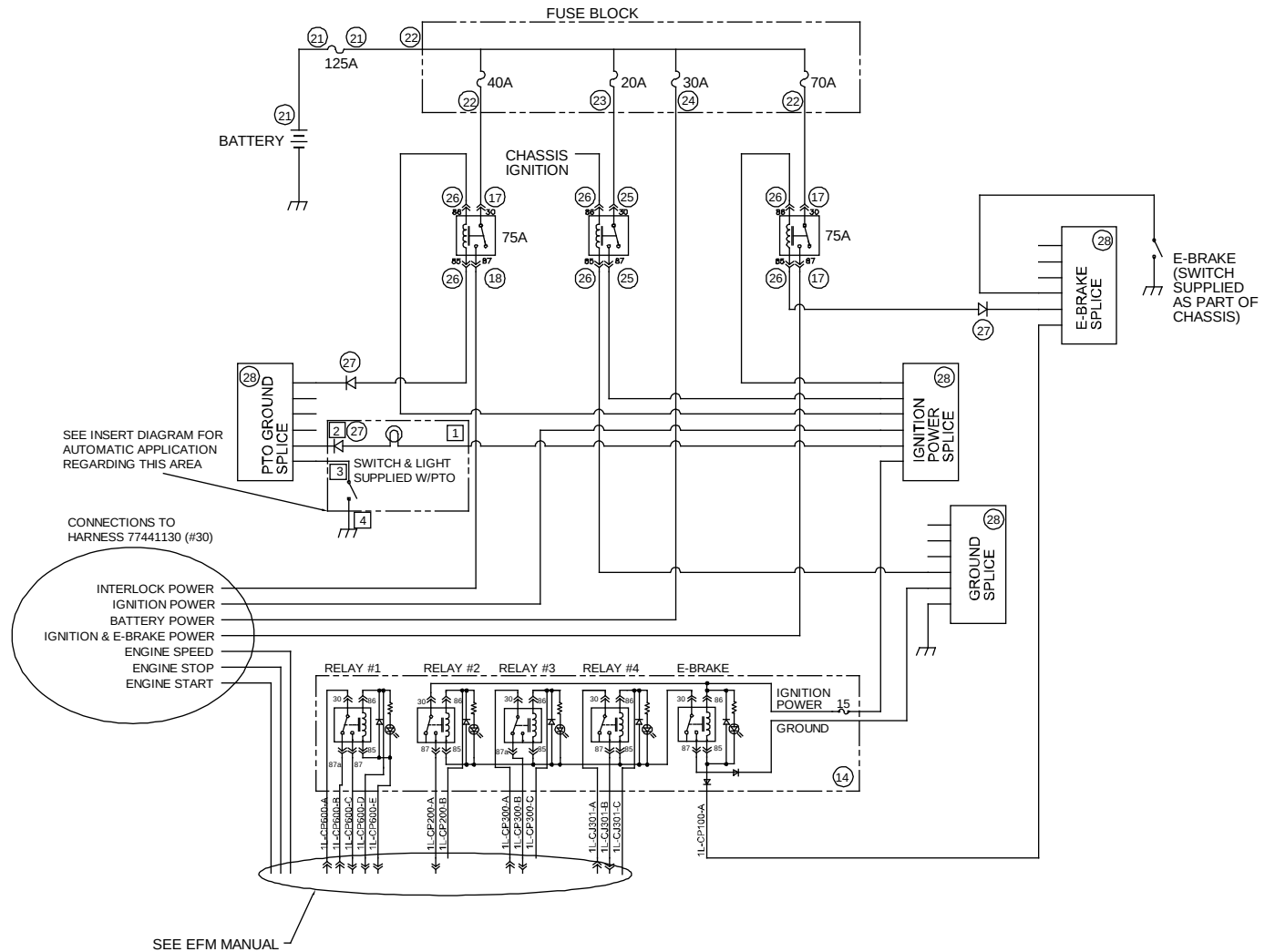
Fuse Block, EFM, & Relay Bracket Installation (99903681) (Thru 9-1-06)

EXTRA QUANTITY OF HARDWARE AND BRACKET
60025470 SUPPLIED FOR MOUNTING AS NECESSARY.
ELECTRICAL COMPONENTS ON THIS DRAWING
(#5,10,16) MUST BE ORIENTED AS SHOWN FOR THEIR
PROTECTION.

IF WIRE BETWEEN FUSE BLOCK (#5) AND
BATTERY IS OVER 24", INSTALL PARTS #19
AND #20 IN-LINE, AS CLOSE TO THE
BATTERY AS POSSIBLE.

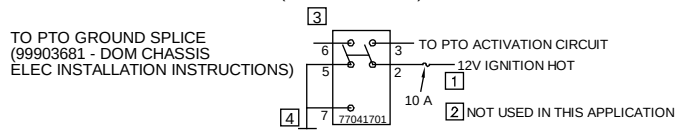


99903681-2 DRAWING



INSERT DIAGRAM: AUTOMATIC APPLICATION

SINGLE PTO (MUNCIE/CHELSEA)
ALLISON MD (3000/4000) SERIES TRANSMISSION
DOMINATOR II (POST APRIL 2005) ONLY



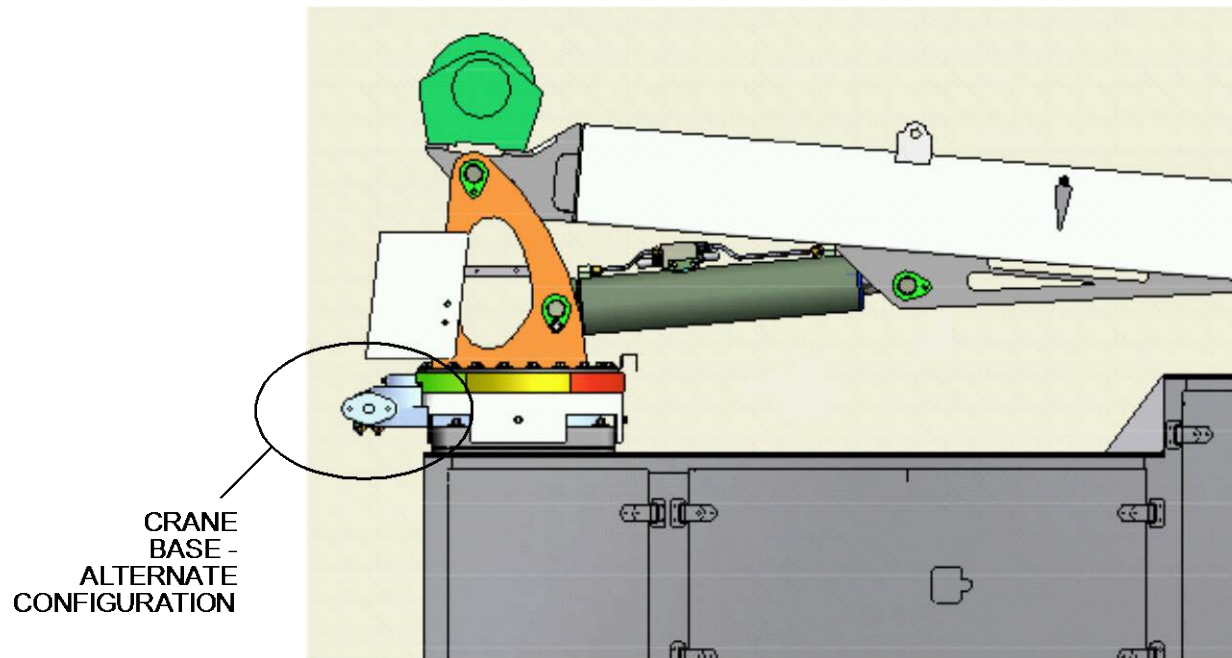
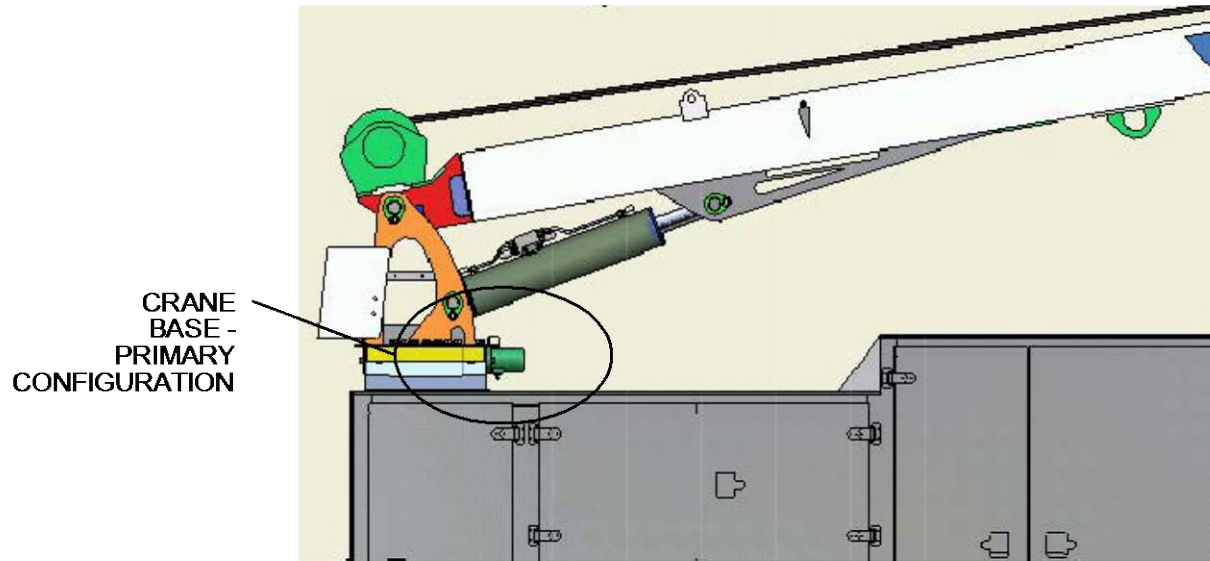
NOTE: 77041701 will engage the PTO and provide a ground signal to the IMT chassis electrical wiring when the switch is active. This allows engine start to function if the pressure switch on the PTO opens (after engine kill occurs, for example).

99903681 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60128133	BRACKET-EFM	1
2.	72060003	CAP SCR .25-20X .88 HH GR5 Z (WAS 2)	4
3.	72063001	WASHER .25 FLAT	4

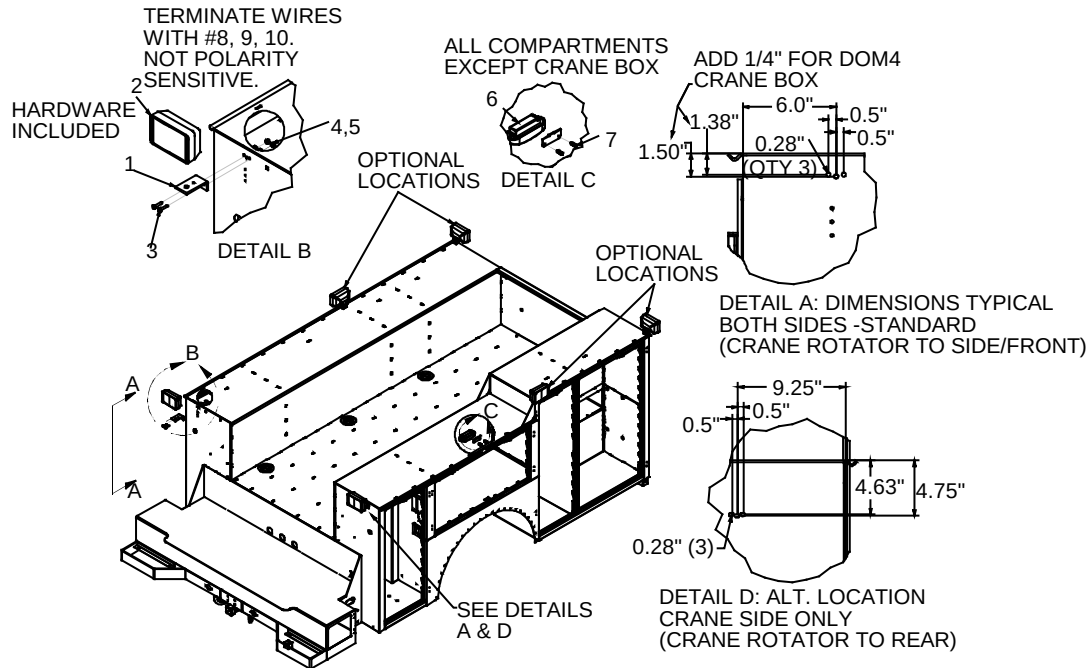
99903681 PARTS LIST			
4.	72062104	NUT .25-20 HEX NYLOCK (WAS 2)	4
5.	77041678	FUSE BLOCK-4 POS MAXI-FUSE	1
6.	77441112	FUSE-MAXI 70 AMP	1
7.	77044635	FUSE-MAXI 20 AMP	1
8.	77041616	FUSE-MAXI 40 AMP	1
9.	77044636	FUSE-MAXI 30 AMP	1
10.	77040391	RELAY-12V DC 75AMP	2
11.	72062326	SCR-MACH # 8-32X 1.00 FH PHLPS SS	4
12.	72062207	NUT 8-32 HEX NYLOCK	7
13.	72063181	WASHER-SS 10 WRT TYPE 304	7
14.	51717388	KIT-EFM (ENGINE FUNCTION MODULE)	1
15.	72060612	SCR-MACH # 8-32X .75 RDH	3
16.	77041251	RELAY-40 AMP	1
17.	77441155	TERMINAL - RING 6GA NUMBER 10 NON INS	3
18.	77441154	TERMINAL - RING 8GA NUMBER 10 NON INS	1
19.	77441116	FUSEHOLDER-HIGH AMP2 BOLT WITH COVER	1
20.	77441115	FUSE-AMG-125 AMP	1
21.	77040045	TERMINAL - RING 6GA NUMBER 10 NON INS	3
22.	77441152	FERRULE - FUSE BLOCK 6 GA X 12MM	3
23.	77441149	FERRULE - FUSE BLOCK 12 GA X 12MM	1
24.	77441151	FERRULE - FUSE BLOCK 8 GA X 12MM	1
25.	77040137	TERM-FEM SLIP ON12-10/.25 TAB	2
26.	77040186	TERM-FSLPON I .25TAB 16-14 GA	6
27.	51719331	KIT-DIODE DEUTSCH DT SERIES (WAS 2)	3
28.	51719332	KIT-SPLICE METRIPACK 6 PIN	4
29.	77044984	WIRE-6 GA GXL RED	A/R
30.	77441130	HARNESS, CHASSIS (DOM 1 & 2)	1
30.	77441199	HARNESS, CHASSIS (DOM 4)	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 3/8X2 DOUBLE WALL	8
45.	77045926	TUBE-HEAT SHRINK 1.5" DUAL WALL 4'	0.0833
46.	89393368	TUBE-HEAT SHRINK 1/4X6	2
47.	77040045	TERMINAL, RING	3
48.	77040473	TERMINAL, RING	1
49.	77044651	TERMINAL, RING	1
50.	89044363	WIRE	4
51.	60025470	ANGLE	1
52.	70034061	TIES, PLASTIC	6
53.	77441110	CABLE, POWER, RED	1
REV. D 20060523			

Crane Installation Comparison



If your body includes a crane, check the crane base configuration (primary or alternate) to determine floodlight installation (99903687).

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							

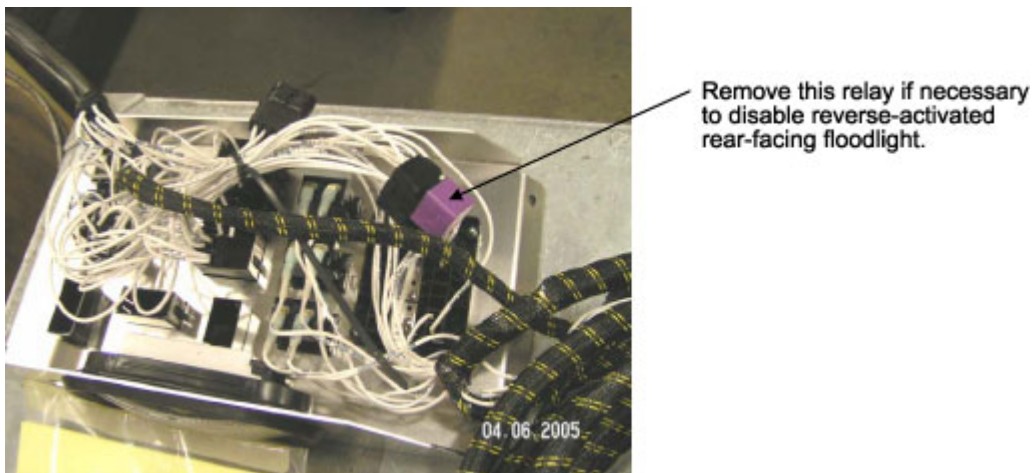
By-Pass Procedure for Reverse Activated Floodlights

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.	72060002	CAP SCR .25-20X .75 HH GR5Z	2	2	
8.	89044234	WIRE 14GA YELLOW X 96"	1		
9.	89044235	WIRE 14GA WHITE X 12"	1		
10.	89044072	WIRE 12GA/3 WIRE X 216"		1	1
11.	72063002	WASHER 5/16 FLAT			8

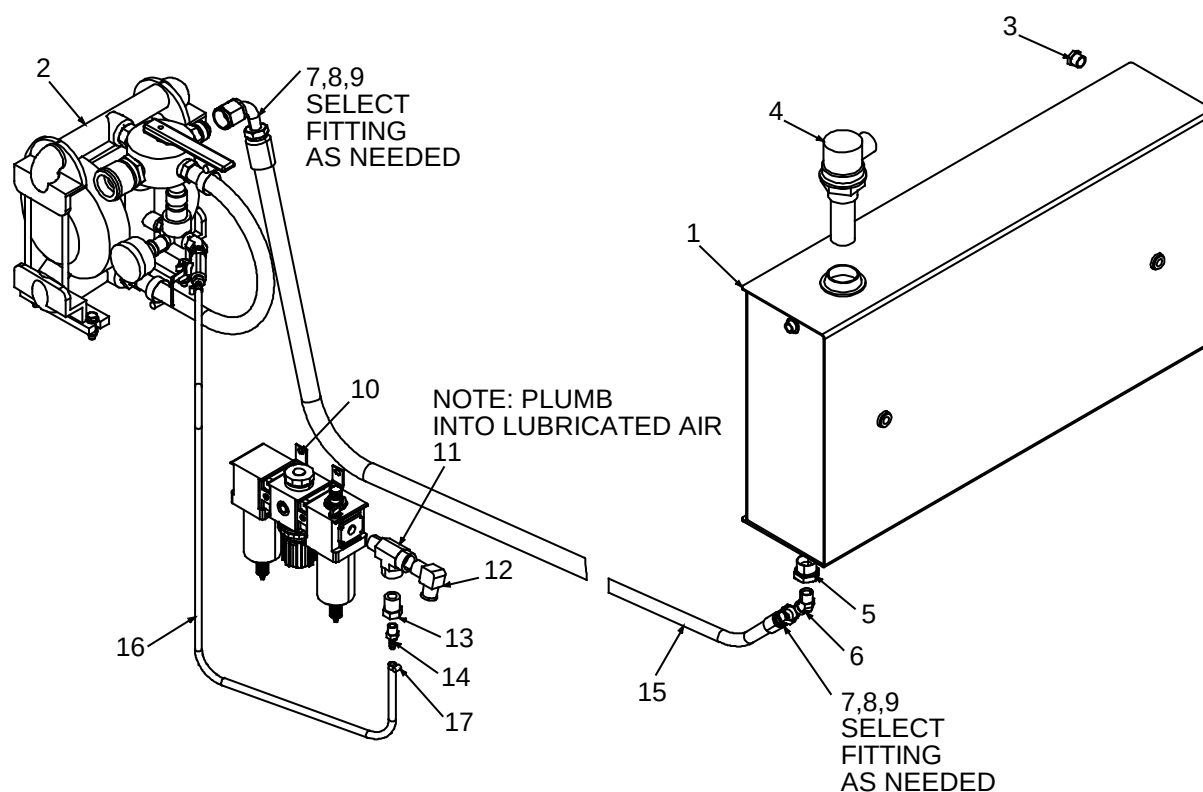
CHAPTER 11

Miscellaneous Options

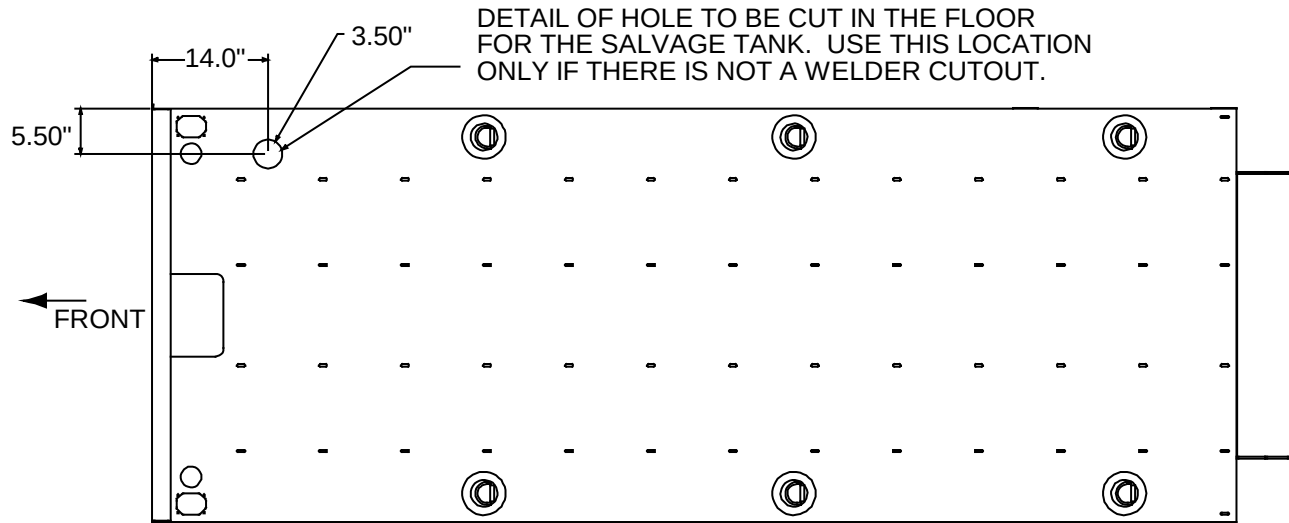
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Salvage / Plumbing Installation Kit (99903803)



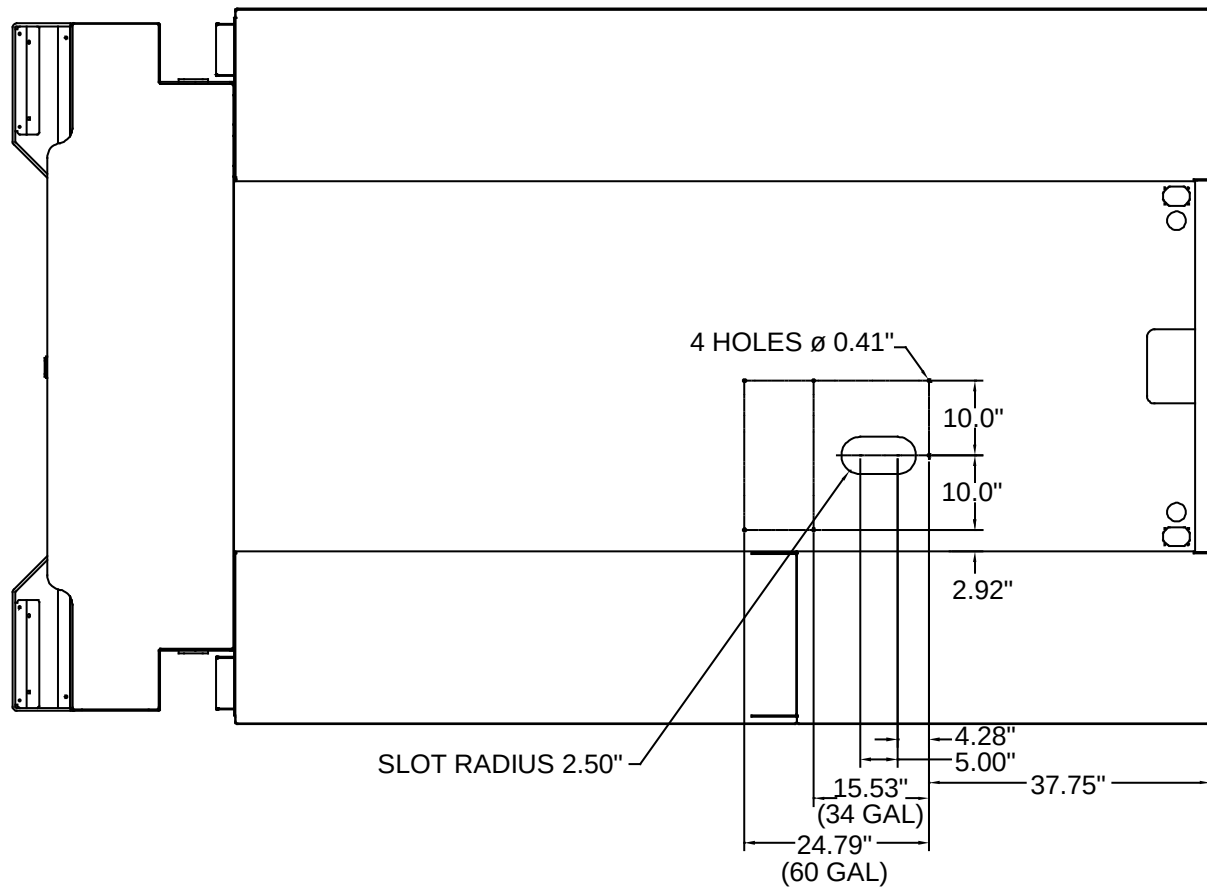
99903803 HOLE DETAIL - INSTALLATION OF SALVAGE TANK ON UNITS WITHOUT A WELDER CUTOUT



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)

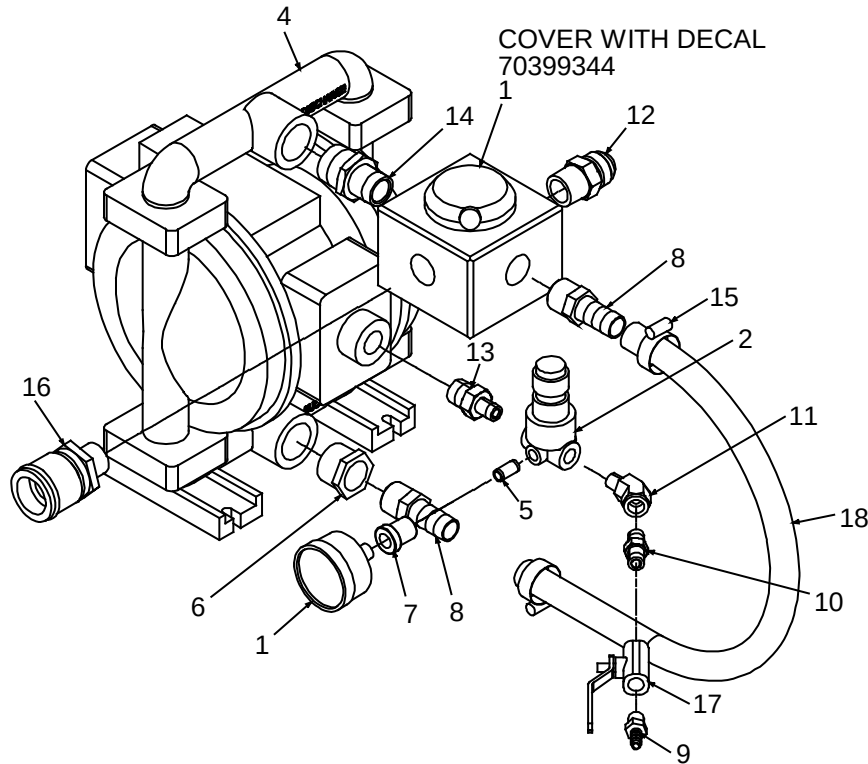


MOUNTING HOLES AND CUTOUTS
FOR INSTALLATION OF SALVAGE
TANK WITH WELDER IN LOADBED.

NOTE:

See 99903803 for plumbing information.

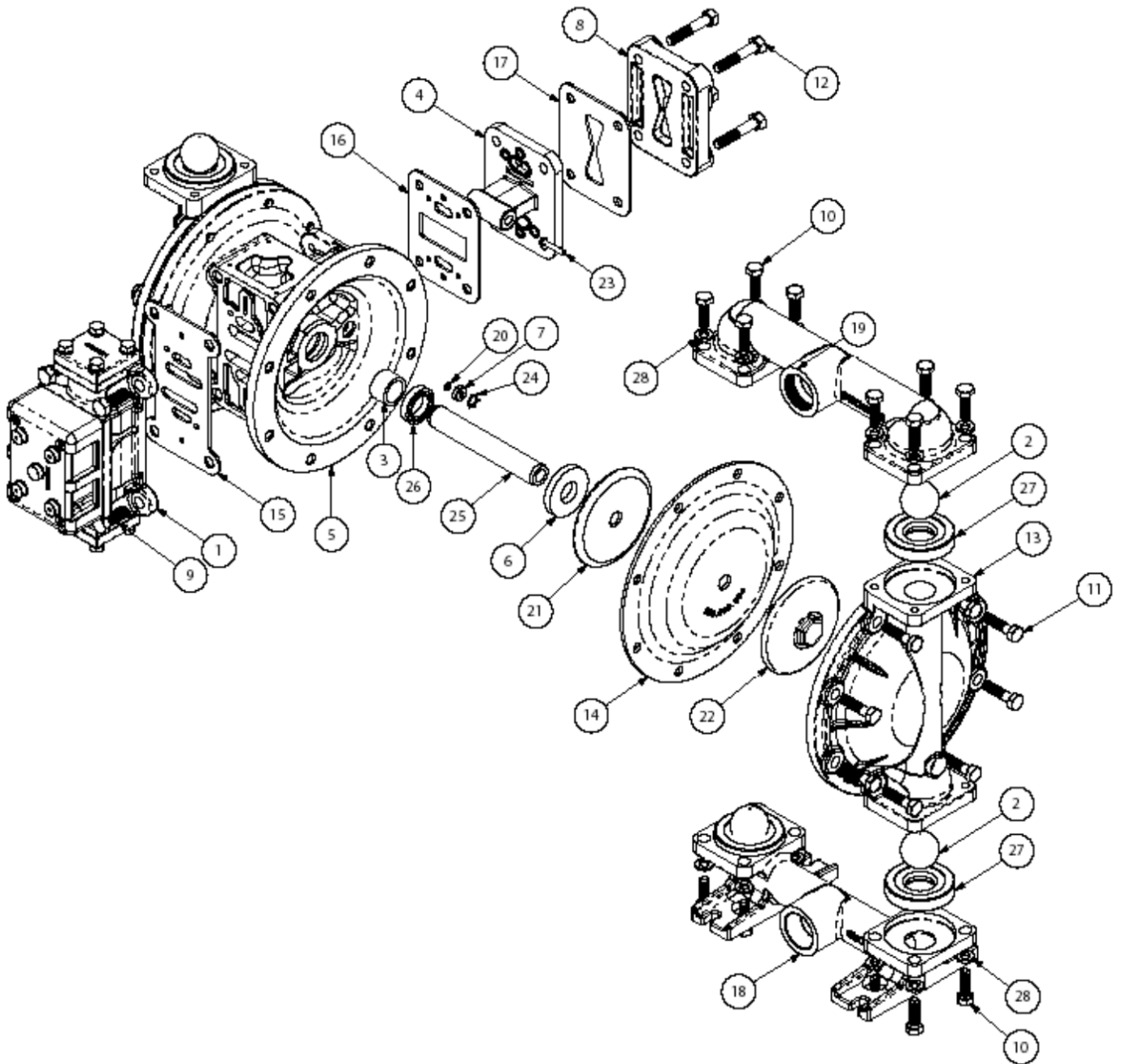
Salvage Pump Assembly (51721592) (Eff. 6-08)



51721592 PARTS LIST

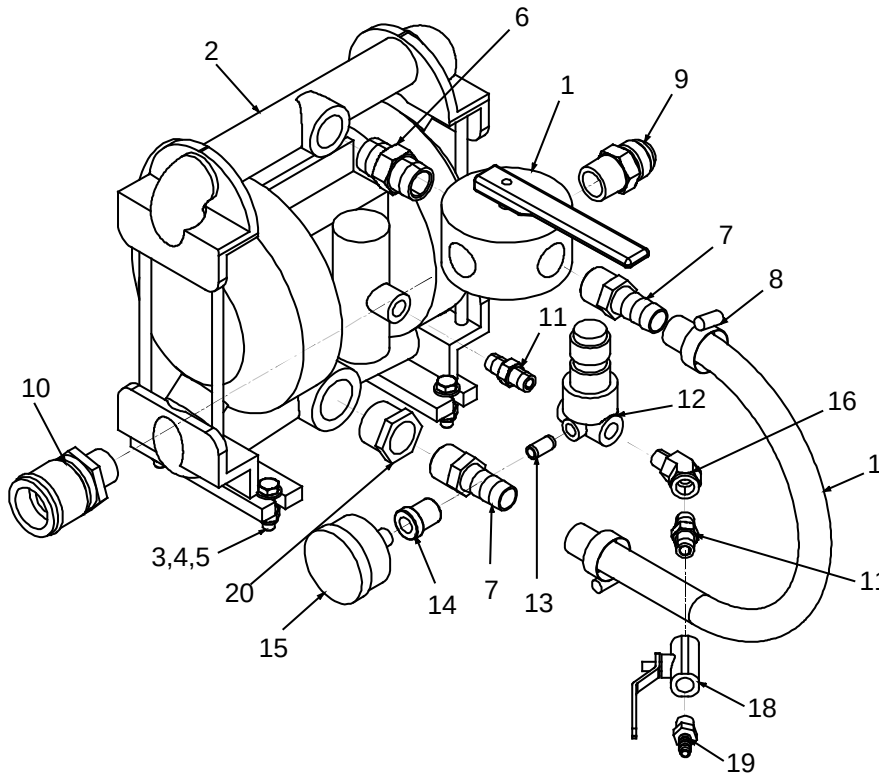
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70048015	GAUGE-PRESS AIR 300 CNTR MNT	1
2.	70048059	REGULATOR-AIR FIXED	1
3.	70732360	VALVE-4WAY	1
4.	70734343	PUMP-DIAPHRAGM 1.00in METALLIC	1
5.	72053000	NIPPLE-PIPE BLK .12X CLOSE	1
6.	72053376	REDUCER BUSH-BLK 1.00- .75	1
7.	72053431	COUPLING-RED BLK .25 - .12	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. A 20080702			

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

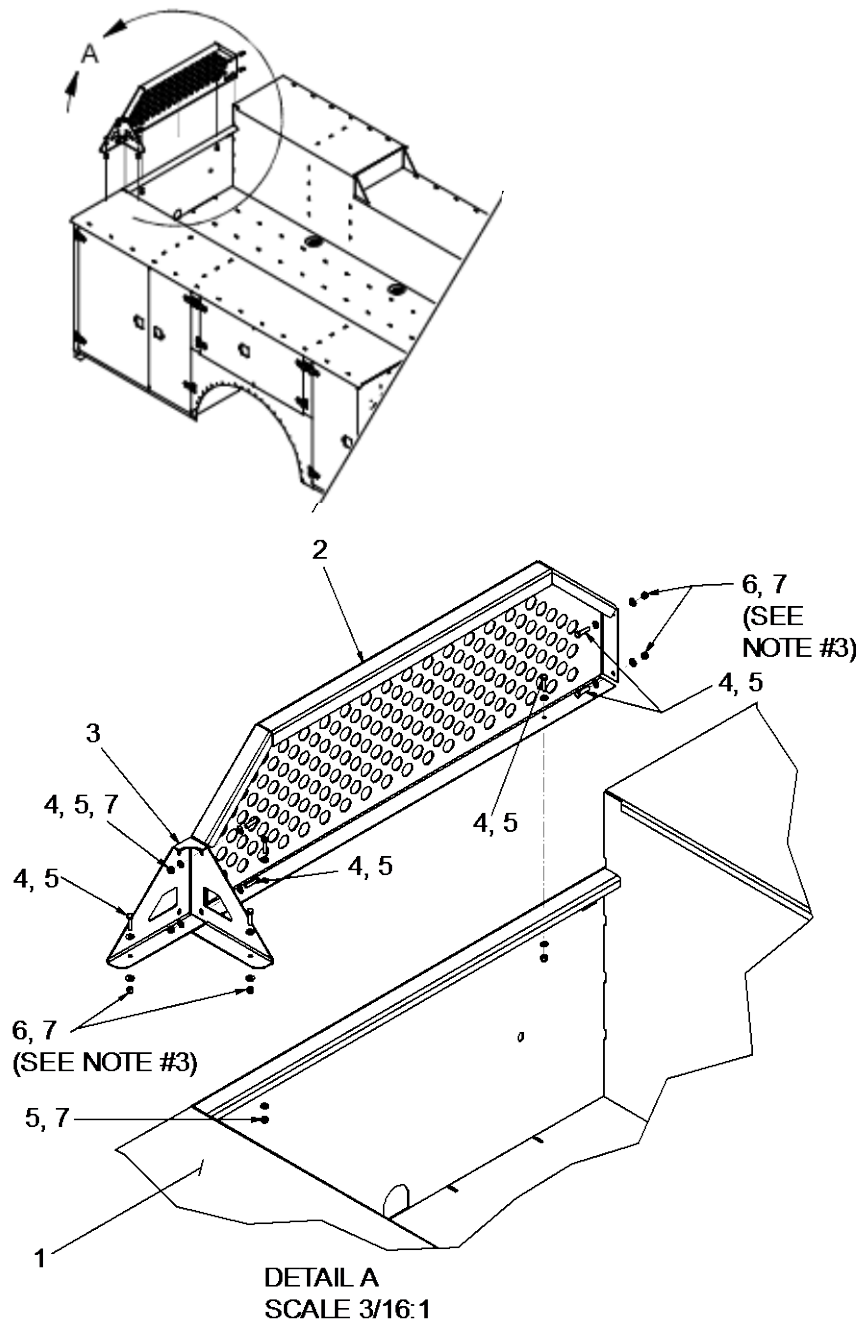
Salvage Pump Assembly (51712836/Dwg. 99903743) (Thru 5-08)



51712836 PARTS LIST			
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	1
10.	72532421	FAST FILL-SOCKET (OS-2)	1
11.	72053517	ADPTR-MPT/HEX/MPT .25 .25	2
12.	70048059	REGULATOR-AIR	1
13.	72053000	NIPPLE-PIPE BLK .12X CLOSE	1
14.	72053431	COUPLING-RED BLK .25 - .12	1
15.	70048015	GAUGE-PRESS AIR 300 CNTR MNT	1
16.	72053533	ELBOW-STREET STL .25 X 45 DEG	1

51712836 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
17.	89393634	HOSE-HYD .75 100R4	18"
18.	73054122	VALVE-BALL .25	1
19.	72053459	NIPPLE-BARB BRS .25MPT .25	1
20.	72053376	REDUCER BUSH-BLK 1.00- .75	1
NEW 20080318			

Headache Rack Parts & Installation (99903657)

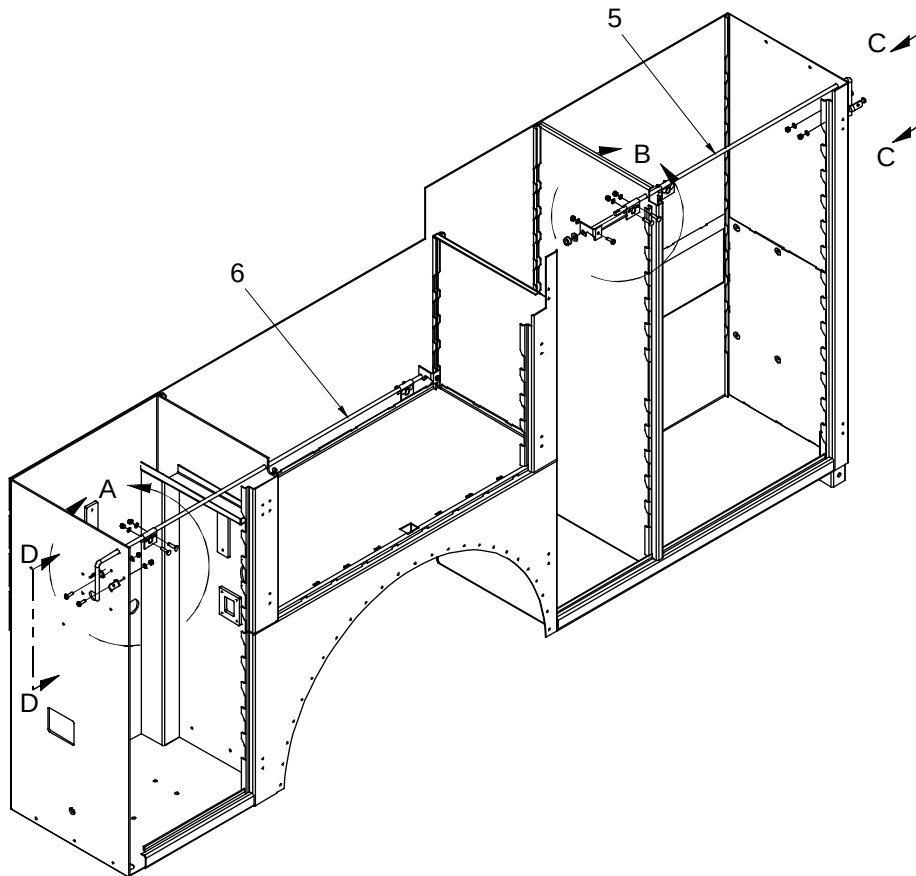


NOTES:

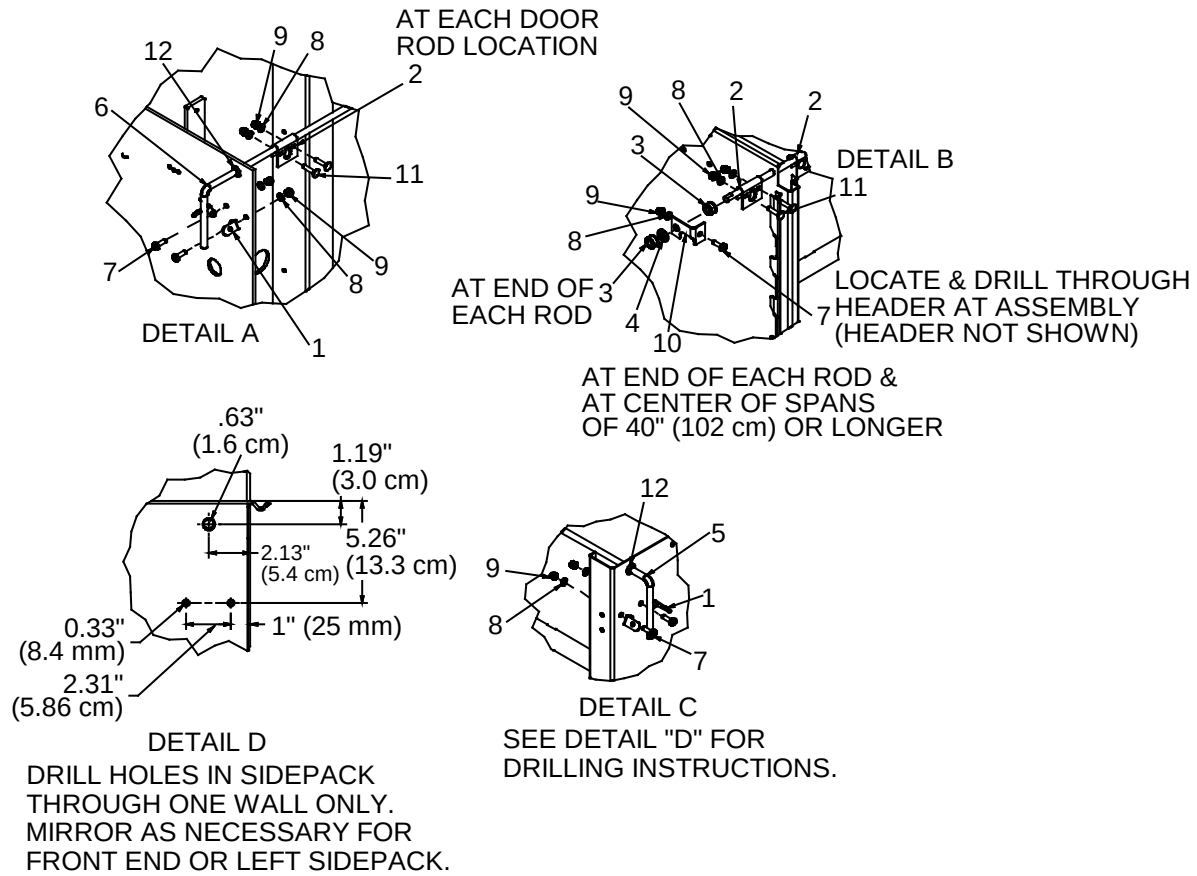
- 1 Drill 3/8" diameter holes to fasten headache rack.
- 2 Item #3, headache rack end, required only with standard compartment. Used on either side.
- 3 Use bonded washers when attaching to sidepack.

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			

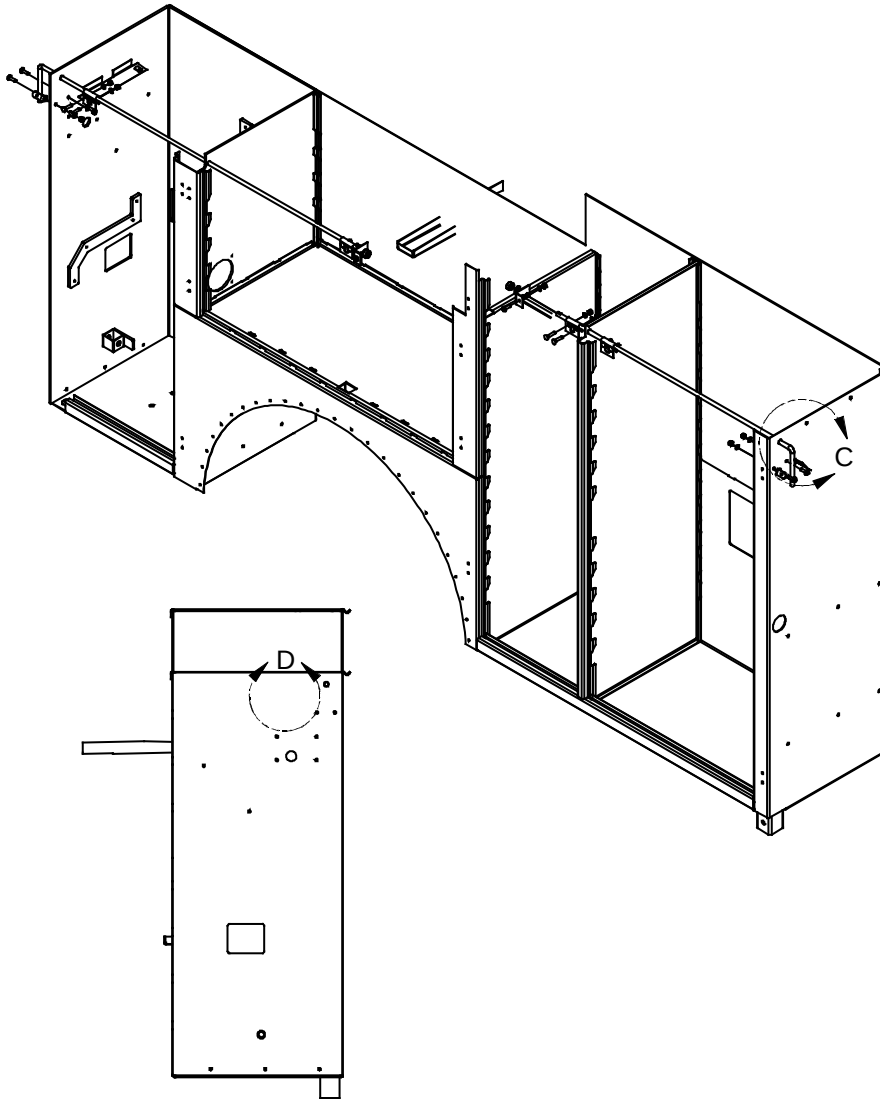
Master Lock System Drawing (99903665)



MASTER LOCK SYSTEM DETAILS



MASTER LOCK SYSTEM INSTALLATION



99903665 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60138970	BRACKET-PADLOCK MASTER LOCK	A/R
2.	60117216	BRACKET-ROD STOP 2.00 M LOCK	A/R
3.	70143654	COLLAR-SHAFT 2 PIECE 1/2 in.	A/R
4.	72063205	WASHER-SS .50 FLAT TYPE 304	A/R
5.	FRONT	ROD-MASTER LOCK	A/R
6.	REAR	ROD-MASTER LOCK	A/R
7.	72601590	CAP SCREW-STAINLESS STEEL .31-18X1.00 TRH PHH	A/R
8.	72063001	WASHER .25 FLAT (WAS 72063166, 72063152)	A/R
9.	72062109	NUT-.31-18 HEX NYLOC (WAS 72062167)	A/R
10.	60117214	BRACKET-ROD HANGER	A/R

99903665 PARTS LIST			
11.	72601435	CARRIAGE BOLT-.31-18X 1.25 SQNK GR2 (WAS 72601847)	A/R
12.	70034277	GROMMET	A/R
REV. G 20120123			

Dominator I Master Lock Kits

MASTER LOCK KIT #	BODY DESCRIPTION
51719925	9-FOOT DOMINATOR WITH RIGHT AND LEFT STANDARD
51719926	9-FOOT DOMINATOR WITH RIGHT-FRONT RAISED, LEFT STANDARD
51719620	11-FOOT DOMINATOR WITH RIGHT-FRONT RAISED, LEFT STANDARD
51719621	11-FOOT DOMINATOR WITH RIGHT AND LEFT STANDARD
51719622	11-FOOT DOMINATOR WITH RIGHT FRONT AND LEFT FRONT RAISED

		QUANTITY				
	KIT #	51719925	51719926	51719620	51719621	51719622
PART #	DESCRIPTION					
99903665	DRAWING, INSTALLATION	1	1	1	1	1
60121632	ROD- 106X6			1	2	
70143654	COLLAR-SHAFT 2 PIECE	4	6	6	4	8
60138970	BRACKET-PADLOCK	2	3	3	2	4
60117216	BRACKET-ROD STOP	6	6	8	4	4
60117214	BRACKET-ROD HANGER	2	2	2	2	2
60129606	ROD- 37 X 6		1			
60121633	ROD- 43 X 6			1		2
60127755	ROD- 60 X 6		1	1		2
60117222	ROD- 95 X 6	2	1			
51719682	11' HARDWARE KIT			1	1	1
51719928	9' HARDWARE KIT	1	1			

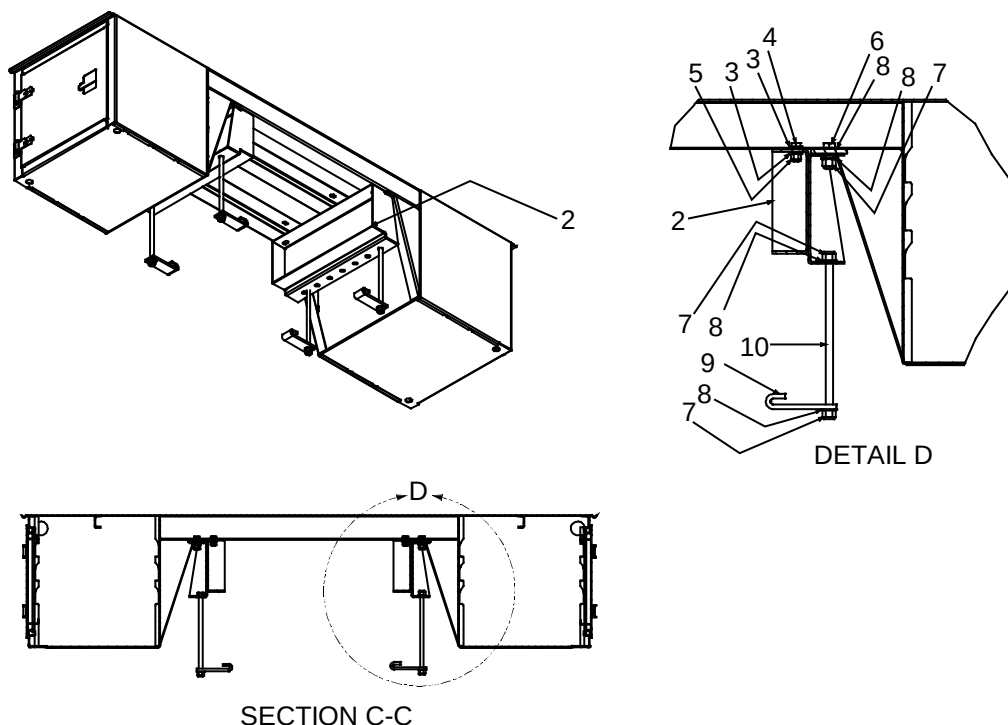
CHAPTER 12

Welder Platforms

In This Chapter

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Welder Deck, 24" Long with 2 Underbody Toolboxes (51720055)	190
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Welder Deck, 35" Long with Streetside Tall Compartment (51720063).....	196

Installation Kit, Dominator I & DSC20 (Kit 51720049/Dwg 99903912)



NOTE:

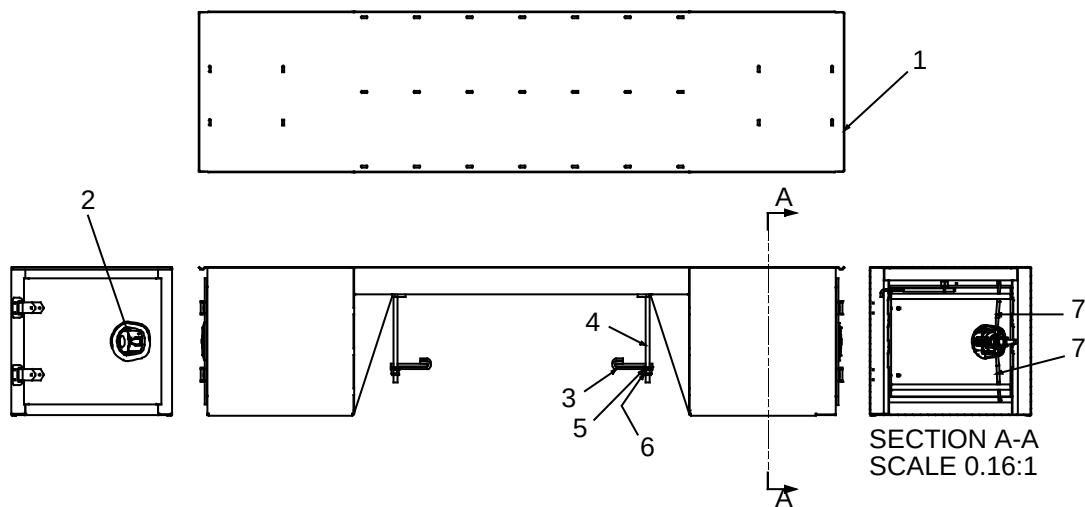
1 24" DECK SHOWN; 36" INSTALLATION IS SIMILAR.

2 HARDWARE USED TO FASTEN UPPER PART OF BRACKET IS PART OF KIT 51720051.

3 ITEMS SHOWN ARE INCLUDED WITH A STANDARD BASE WELDER DECK ASSEMBLY.

51720049 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
2.	52720050	BRACKET-MTG WELDER DECK D1 (II)	2
3.	72063005	WASHER .50 FLAT	8
4.	72060092	CAP SCR .50-13X 1.25 HH GR5 Z	4
5.	72062080	NUT .50-13 HEX NYLOCK	4
6.	72060150	CAP SCR .62-11X 1.75 HH GR5 Z	4
7.	72062091	NUT .62-11 HEX NYLOCK	12
8.	72063007	WASHER .62 FLAT	16
9.	60108981	TIE DOWN-BODY 4.00 FRAME	4
10.	60109048	ROD-THREADED .62-11 X 14.00	4

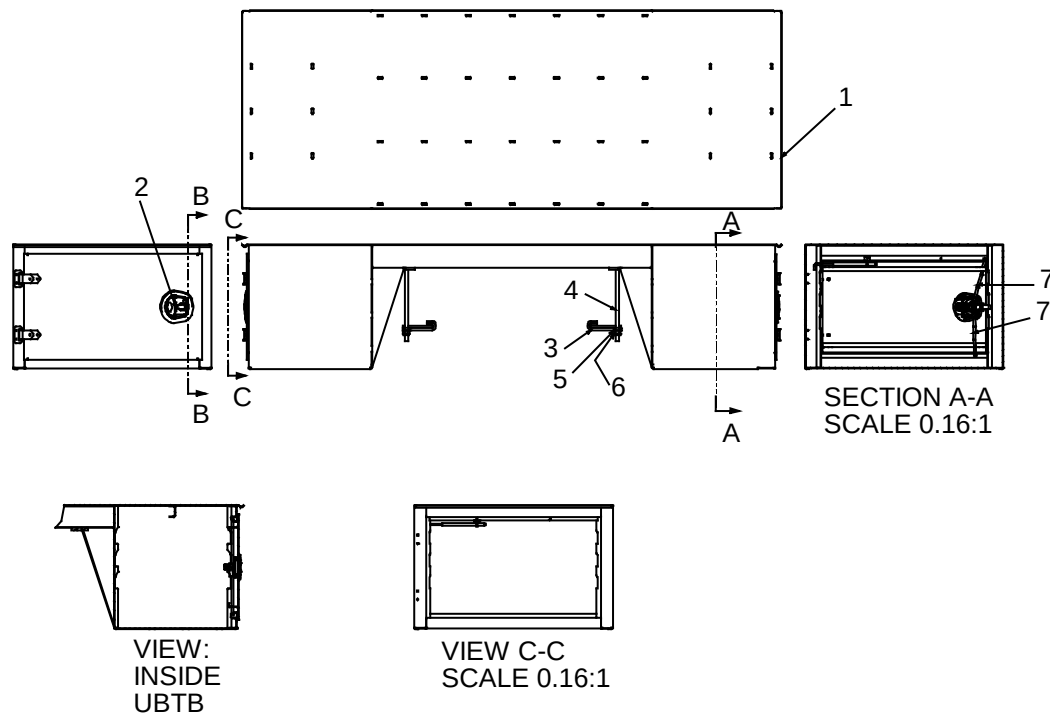
Welder Deck, 24" Long with 2 Underbody Toolboxes (51720055)



51720055 PARTS LIST

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

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

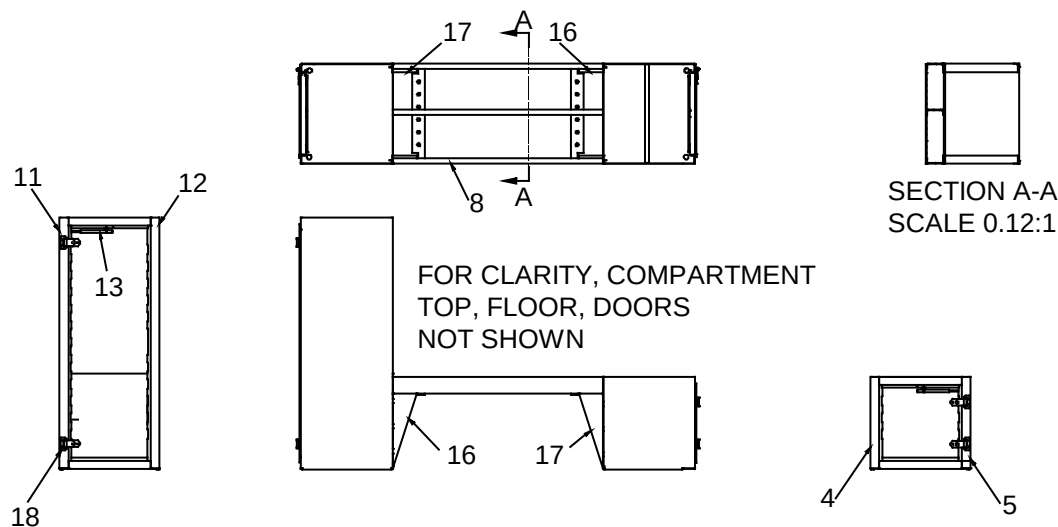


51720057 PART LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52720058	WELDER DECK-WLDMT 35in L UBT-R UBT	1
2.	72661599	LATCH ASM-3PT DOM (II) COMPRESSION	2
3.	60108981	TIE DOWN-BODY 4.00 FRAME	4
4.	60109048	ROD-THREADED .62-11 X 14.00	4
5.	72063007	WASHER .62 FLAT	8
6.	72062091	NUT .62-11 HEX NYLOCK	8
7.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

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

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

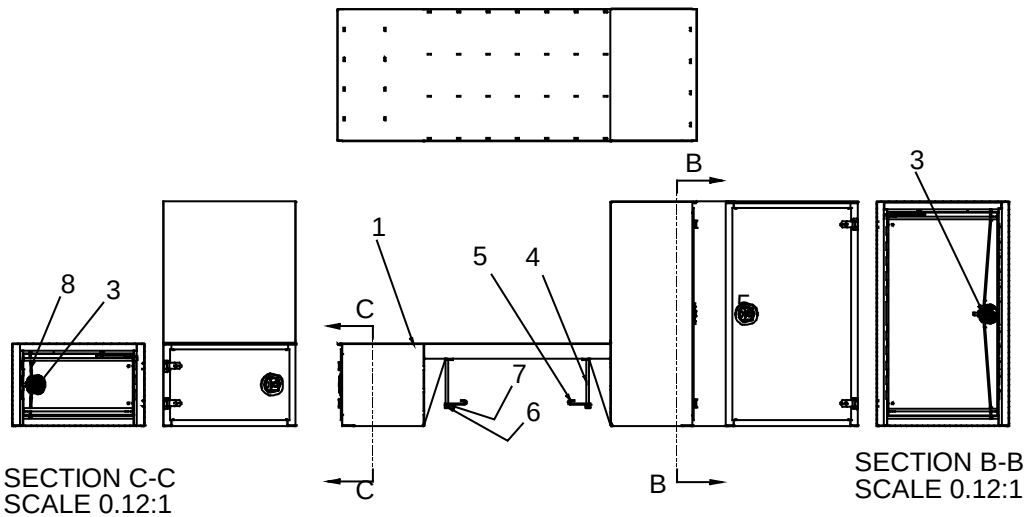
Welder Deck, 24" Long with Tall Compartment (51719952)



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

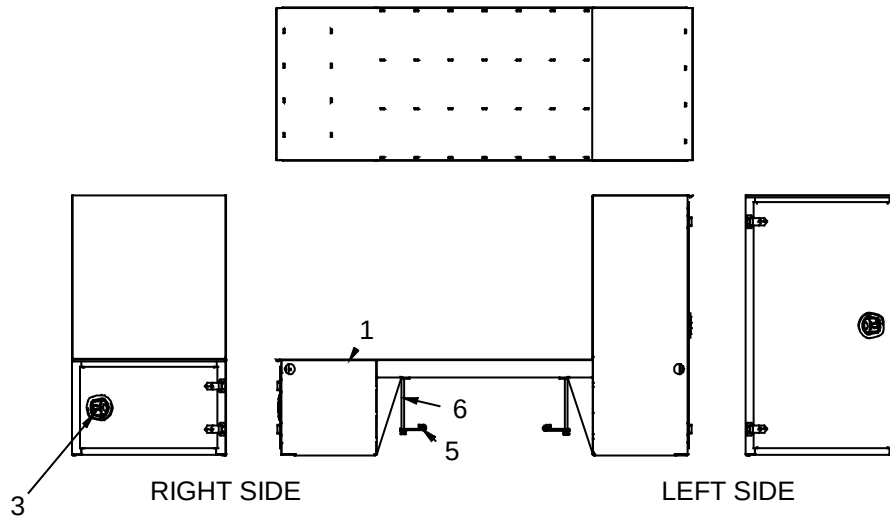
51719952 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
16.	60116990	GUSSET-FRONT PANEL RH BTTM D2	2
17.	60117060	GUSSET-FRONT PANEL LH BTTM D2	2
18.	72661383	HINGE-SS 10GA BUTT W/IMT LOGO OFFSET	4
20.	60129361	BACK-BTM WELDER DECK RF D2 24in	1
21.	60129358	SDPK HEADER WELDER DECK 19.62	2
22.	60129362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

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



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

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



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

CHAPTER 13

Dominator Decal Examples & Placement

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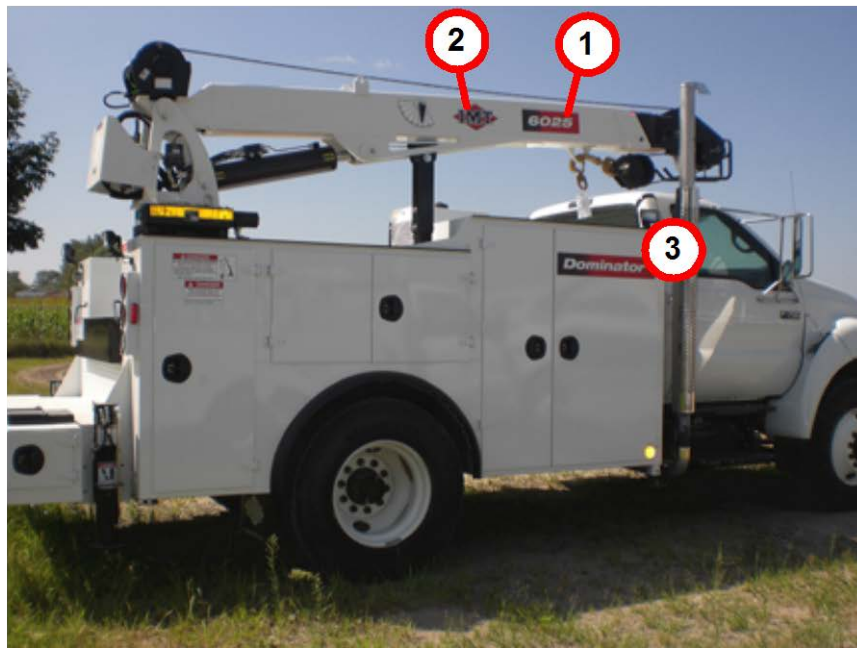
Decal List

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



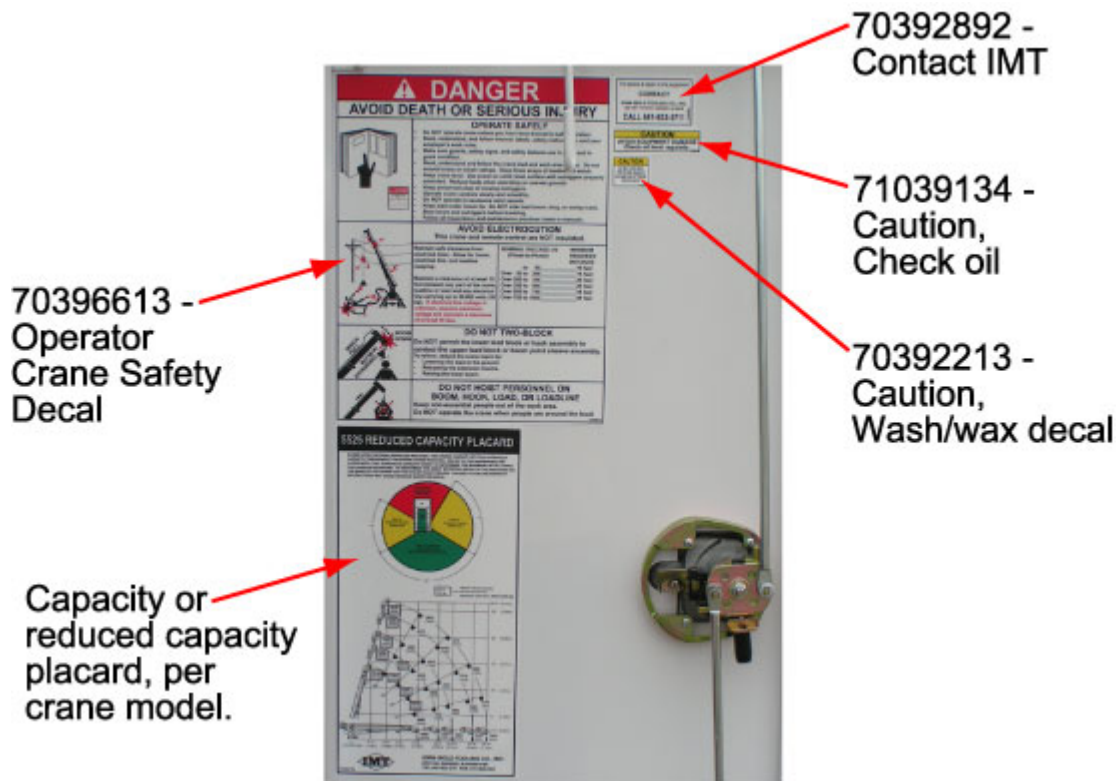
Both item #1 - 70394445, and item #2 - 70392868, are applied on all four sides of the carrier vehicle, so the operator can see the dangers regarding electrocution and the crane loadline from any point of crane operation.

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 -
Decal-Diesel
Fuel Only

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.

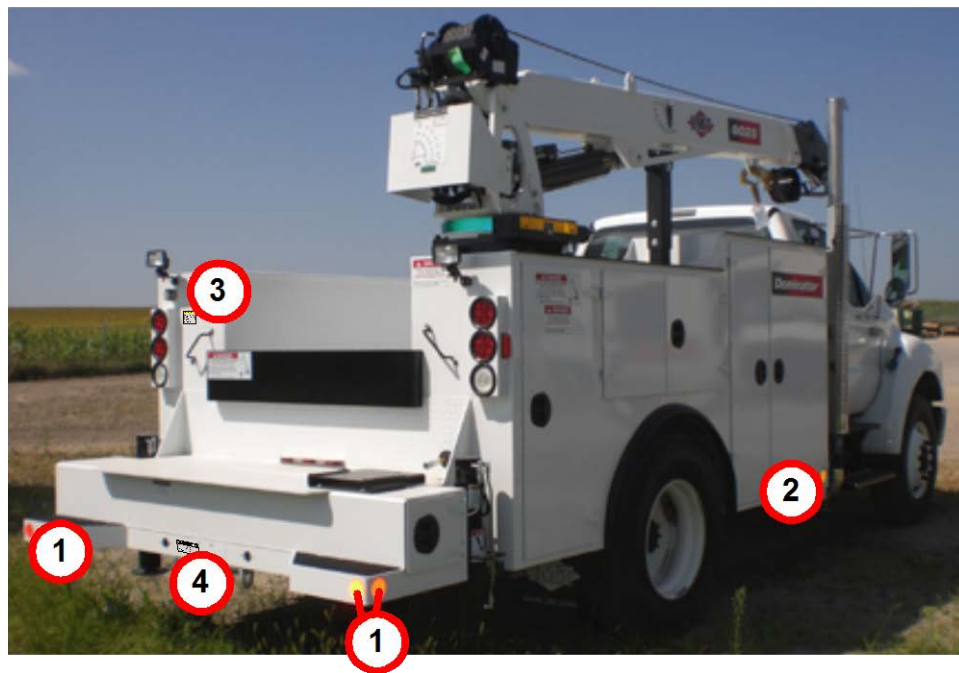
71393886 - Exploding tank -
located on door where air
tank is stored.

Stabilizer Decal Placement



70392864
Warning-Stabilizer Stand Clear
Decal shown on front sidepack (Typ 2)

Reflector & Hitch Decal Placement





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

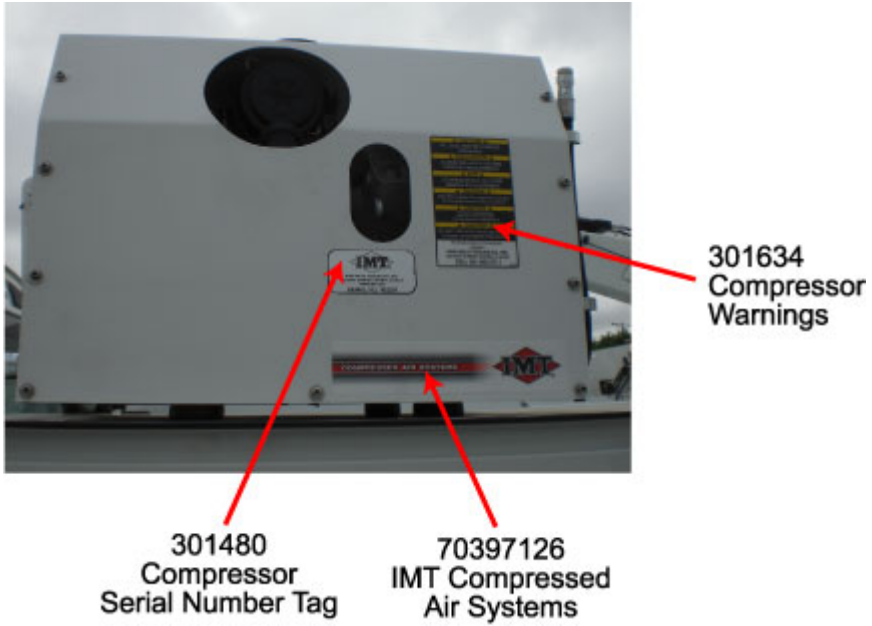
Place two amber reflector decals, 70039058, item #2, at the front of the sidepacks as shown.

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.

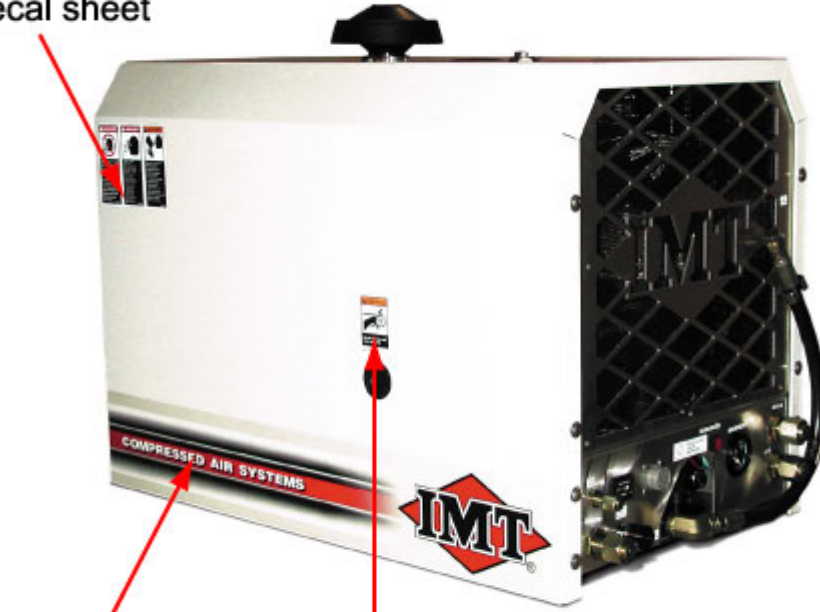
Compressor Decal Placement

Decal placement on a CAS435HA compressor:



Decal placement on a CAS3560 compressor:

Part of
95718232
compressor
decalsheet



70396451 -
Compressed air
systems decal

Part of
95718232
compressor
decalsheet

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

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

NOTES

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

WARNING

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