
Manual Part # 99904090

Dominator DSC20 Parts & Specifications

Revised: August 21, 2019

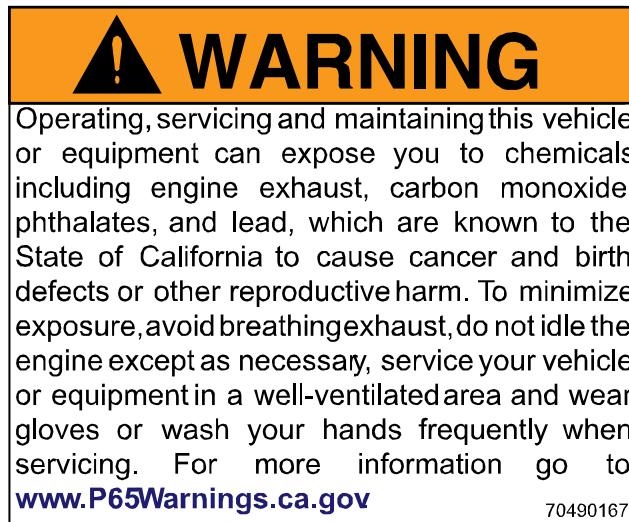


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Contents

Revisions	vii
-----------------	-----

Specifications	11
-----------------------	-----------

Dominator Chassis Specifications	12
--	----

Assemblies & Installation	13
--------------------------------------	-----------

2019 RAM Under Hood Installation (99906463).....	14
2019 Chevy 6500 Chassis Installation (99906461) Effective: 06/2019	15
2019 Chevy 6500 Chassis Installation (99906461) EFFECTIVE THRU: 05/2019	16
2019 Chevy / IH CV Chassis Installation (99906409) EFFECTIVE: 06/2019.....	18
2019 Chevy / IH CV Chassis Installation (99906409) Effective Thru: 05-2019	19
Ford Fuel Tank Installation (99906460)	20
Body Installation, Ford / Ram-2008 (99904280).....	21
Body Installation, Ford 2017 11'–19.5k (99906096).....	23
2017 Body Assembly (99905253)	25
Body Assembly (99903654) EFFECTIVE THROUGH: MAY 2017.....	28
2017 Access Package (99906106)	30
Door Panel with Louvers (99906331).....	32
Door Latch Installation (99906023).....	34
Workbench Latch Guard (99906281)	35
DSC20 Body Components.....	36
Key Cylinder Replacement.....	38
2018 Door Assembly (99905142).....	39
Dominator I/DSC12 Door Assembly (99903767)	41
Dominator DSC20 Crane Installation Hole Pattern (99903339).....	43
Hydraulic Installation (99904562) (Eff. 12-15-08).....	44
Hydraulic Reservoir (51721745) (Eff. 12-15-08).....	48
Hydraulic Installation (99903766) (Thru 12-15-08).....	49
Hydraulic Reservoir (51719773) (Thru 12-15-08)	55
Reference, Hyd. Reservoir Plumbing (99903766) (Thru 2006).....	56
Harness - Hydraulic Compress (77441595).....	58
Underhood Electrical Installation, 2011 F350-450-550 (99905200)	60
Compressor Mounting Locations (99903712)	61
Compressor Reinforcement (99904278).....	63
Weather-Strip Installation (99904256)	64
Installation Kit, Compartment Pressure Fan (99905252).....	65
Air Blower Kit (99905552).....	66
Blower Fan Installation (99905928)	68
Hydraulic Crimping Option, Low Profile Body (99905019)	71

Chassis Installation	73
-----------------------------	-----------

Installation Kit - GM 9' 2001-2017 (99906194).....	74
Body Installation, Ford 2017 11' – 18k (99906095).....	77
Body Installation, Ford 2017 11' – 19.5k (99906096) EFFECTIVE: 3-19-2019	79
Body Installation, Ford 2017 11' – 19.5k (99906096).....	81

Body Installation, Ford 2017 – 9' (99906098)	83
Installation Kit- 9' Body - Ford (93714834)	85
Installation Kit - 11' Body- Ford 15,000 & 17,500 GVW (93714835).....	86
Installation Kit- 11' Body - Ford 19,000 GVW (93716276).....	87
Installation Kit - Selector Valve - Ford Automatic Transmissions (99904080)	88
Installation Kit, Hydraulic, Ford 4x2 MY2011 (99904994)	89
Installation, DEF Tank Hoses on 2011 Ford F550 (99904938).....	91
PTO Wiring Installation-2006 to Present (99904085).....	92
PTO Wiring Installation Through 2005 (99903409)	97
PTO/Pump Rotation Guide (99904279)	102

Compartment Options 103

Compartment Layout (99903658) (Eff. to 5-1-15)	104
Parts List, Shelves (99903658) (Eff. to 5-1-15).....	105
Installation Drawing, Shelves (99903658) (Eff. to 5-1-15)	106
Compartment Layout (99905160) (Eff from 5-1-15).....	107
Parts List, Shelves (99905160)(Eff from 5-1-15)	108
Installation Drawing, Shelves (99905160) (Eff from 5-1-15).....	110
Installation Drawing, Door Trays (99903667).....	111
Parts List, Drawer Units and Kits	112
Drawer Set Reference Drawing	114
Drawer Components	116
Compartment Options.....	117
Tool Box Tray (51711548).....	118
Tank Bracket, 2-Bottle (51719752)	119
Tank Bracket, 3-Bottle (51720021)	120
Pull-Out Bin Sets	121
Slide Out Tray (51713240)	123

Tailgate & Bumper Options 125

Tailgate Assembly (51718801).....	126
Bumper Hitch & Workbench Options	128

Telescoping Tops 129

DSC20 Telescopic Top Installation (99903675).....	130
Effective 06/30/2016.....	130
DSC20 Telescopic Top Installation (99903675).....	133
Tethered Lid Assembly (51726711)	136

Air System Options 137

Air Tank Options	137
Air Tank, Ford 2017 (99906094).....	138
Air Tank, Top SDPK (99906107).....	140
Air Tank Kit, Dual 10 Gallon (51717200).....	141
Air Tank Kit, 22 Gallon (51714204)	143
Air Tank Kit, 22.5 Gallon (51706697)	145
Air Tank Kit, 35 Gallon (51708336)	146
Air Tank Kit, 58 Gallon (51708369)	148
Air Tank Drain Assembly (51709358)	150

Stepless Ear Clamp Installation (99904411).....	151
Moisture Separator / Regulator / Oiler Assembly (51714805)	152
Moisture Separator / Regulator / Oiler Parts (51714805)	153
Moisture Separator / Regulator / Oiler Installation.....	154
Hose Reel (51725644)(Eff. 6/05/14)	155
Hose Reel (51713651)(Through 6/05/14).....	156
Boom Supports	157
Boom Support, Adjustable, 1015 & 2020 (51718847)	158
Boom Support, Electric Cranes (51720308).....	160
Boom Support Placement (99905157).....	161
Stabilizers	163
Stabilizer Installation, Manual Out/Crank Down (Kit 51720918 / Dwg 99904092)	164
Stabilizer Installation, Manual Out/ Manual Down (Kit 51717728 / Dwg 99904094).....	165
Stabilizer Installation, Manual Out/ Manual Down (Kit 51724301 / Dwg 99905676).....	166
Electrical Options & Installation	167
Electrical Installation (99904089) Effective: 08/2018	168
Electrical Installation (99904089) (Effective 02/01/16)	170
Electrical Installation (99904089) (From: 8/30/13 To: 01/29/16))	172
Electrical Installation (99904089)(Through 8/30/13).....	174
Flood Light Installation (99906020) (Effective 02/01/16).....	176
Floodlight Installation (99904095) (Through 01/29/16).....	178
Light Kit Installation (99905850) Effective 2/1/16	180
LED Light Kits	182
Electrical Outlet (51711674).....	183
Light Reel Kits.....	184
Harness, 11' Body, Flood & Marker Lights (77441618) (Effective 02/01/16).....	185
Harness, 9', Flood & Marker Lights (77441125) (Through 01/29/16).....	186
Harness, 11' Body, Flood & Marker Lights (77441126)(Through 01/29/16)	187
Electrical Installation Kit - Hydraulic Telescopic Cranes (99901294).....	188
Electrical Installation (1015E & 2020E) (99903519).....	189
Electric Crane Installation (2003i, 3203i, 4004i, 5005i, 6006i) (99904394)	190
Protective Sleeve Installation (70034573)	196
Miscellaneous Options	197
Aluminum Rock Guards (99906298).....	198
Salvage / Plumbing Installation Kit (99903803).....	201
Salvage Tank Installation, Welder in Load Bed (99903807).....	203
Salvage Pump Assembly (51721592) (Eff. 6-08).....	204
Antifreeze/Salvage/Water Pump (70734343) (Eff. 6-2008)	205
Antifreeze Salvage Pump Assembly (51720270/Dwg. 99904048) (Through 5-2008).....	207
Headache Rack Parts & Installation (99905201).....	208
Headache Rack (99905361).....	209
2017 Master Lock System (99906150).....	210
Master Lock System Drawing (99903665) Effective through: March 2017.....	216
Dominator DSC20 Master Lock Kits Effective through: March 2017	218
Ladder Installation (99905673).....	219

Ladder Installation (99905129).....	.220
Ladder Assembly (52723864).....	.221
Fuel Fill, Chevy/GMC (99903710).....	.222
Removable Gate (51712986).....	.223

Welder Platforms **224**

Installation Kit, Dominator I & DSC20 (Kit 51720049-24" / 51727560-36" Dwg 99903912) Effective: 7/12/2018 .....	.225
Installation Kit, Dominator I & DSC20 (Kit 51720049/Dwg 99903912).....	.227
Welder Deck, 24" Long with 2 Underbody Toolboxes (51720055) Effective: 7/12/2018 .....	.228
Welder Deck, 24" Long with 2 Underbody Toolboxes (51720055).....	.229
Welder Deck, 35" Long with 2 Underbody Toolboxes (51720057) Effective: 7/12/2018 .....	.230
Welder Deck, 35" Long with 2 Underbody Toolboxes (51720057).....	.232
Welder Deck, 36" Long with Flat Deck (51720059) .....	.233
Welder Deck, 24" Long with Tall Compartment (51719952) Effective: 7/12/2018.....	.234
Welder Deck, 24" Long with Tall Compartment (51719952) .....	.235
Welder Deck, 35" Long with Curbside Tall Compartment (51720061) Effective: 7/12/2018 .....	.236
Welder Deck, 35" Long with Curbside Tall Compartment (51720061) .....	.238
Welder Deck, 35" Long with Street Side Tall Compartment (51720063) Effective: 7/12/2018 .....	.239
Welder Deck, 35" Long with Streetside Tall Compartment (51720063).....	.241

Dominator DSC Decals **243**

Dominator Logo, Crane Model, and Danger Decal Placement.....	.243
Decal Placement Inside Right Rear Compartment.....	.245
Manual Stabilizer Decals .....	.246
Fuel Decals .....	.246
DSC20 Reflector & Welding Caution Decals.....	.247
DSC Hitch Rating Decals .....	.248
Hydraulic Oil Decal Placement .....	.249
Air Tank Decal Placement .....	.250

Thread Torque Chart (English) **251**

Thread Torque Chart (Metric) **252**

Revisions

DATE	LOCATION	DESCRIPTION
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.
20061108	99904089	ECN 10290 - Changed light from 77040493 to 77040432.
	99903657	ECN 10319 - Changed bolts in 99903657 from 72060026 to 72060025.
	99904085	ECN 10309 - Added 2006& 2007 chassis wiring - 99904085.
20061207	Decals	New decal placement photos for Dominator DSC20.
20070111	70733798	Corrected incorrect part number.
	99904080	ECN 10344 - Updated hose length.
20070306	WELDER DECKS	NEW DRAWINGS 51720049, 51720055, 51720057, 51720059, 51719952, 51720061, 51720063
20070523		99901294, 99903519 - Added electrical installation kits for cranes.
20070528	DRAWER SETS	ECN 10353 - Added drawings for rollout drawer sets.
20070626	99904256	ECN 10388 - New weatherstrip installation drawing. Notes on 99903654 changed to reflect new weatherstrip.
20070719	99903658	ECN 10521 - Added 9' DSC part numbers to shelf installation chart.
20070810	99904278	ECN 10543 - Added reinforcement braces for DSC body with compressor to improve support.
20071004	99903766, 99903974, Pull-Out Bin Sets	ECN 10523 - Clamp 72661642 was 72066516. Added 99904279 pump rotation guide. ECN 10581 - Electrical dome light was 77040384, now 77040509. Corrected cabinet part number on Pull-Out Bin Sets.
20071115	Master lock kits	ECN 10598 - Standardized master lock hardware kits for 9', 11', and 13-14' bodies.
	99904095	ECN 10596 - Change in structure of harnesses.
	51710172	Added note to vise mounting bracket.
20071218	99903665	ECN 10637 - Changed master lock installation.
20080218	99903658	Corrected part numbers for 56" tall divider panel.
	51714805	Added FLR installation drawing.
	Specifications	Added chassis specifications.
20080617	99904411	ECN 10746 - Updated clamp. 72661657 was 72066000. Added 99904411 ear clamp installation drawing.
20080702	51721592	ECN 10793 - Added new pump asm to manual.
20080806	99903658	ECN 10812 - Corrected shelf end part numbers.
20081030	99903766	ECN 10733 - Changed hydraulic pumps to single inlet.
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.
20090407	99904394	Added 99904394 elec crane installation drawing.
20090430	DSC BODY COMPONENTS	Added 52722368 52" Right Raised, 52" Left DomCS components
	99903767	Added 52" and 60" DOMCS parts to manual.
20090630	99904692	New hydraulic crimping option drawing added to Assemblies & Installation section.
	Compartment Options	Added summary drawings and tables for drawers and components.
	99903712	ECN 11062 - Added note regarding clearance on each end of compressor.

20091210	51713240, 51720308	ECN 11139 - Added bonded washers to 51713240; ECN 11154 - Added mounting holes, hardware.
20100615	99904394	Update installation drawing to show 2 batteries.
20100825	99904938	Added DEF tank hoses on 2011 F550 installation information.
	Decal placement.	ECN 11287 - Added 70398983 Caution Welding decal.
20101220	99905019	Added low profile crimping option to manual
	99904994	ECN 11334 - Added note to 99904080 for Ford 4x4, added new 99904994 drawing for MY2011 Ford 4x2.
20110209	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.
	51709358	ECN 11407 - Reorientation of tank drain valve assembly.
20111207		ECN 11628 - Updated stabilizer wording, decals. Added 99905157 boom support placement drawing.
20120123	99905252, 99903658	ECN 11657 - Added compartment pressurization option, corrected shelf numbers for 11' horizontal compartments on 99903658 table.
20130612	99903658	Per engineering mark-up; 51718927 to 51718816, 51718928 to 51718817
20130927	99903654	Added hardware callouts 5 and 9. Added bumper image.
	99905676	Added image and BOM per engineering markup.
20131120	99905673	ECN 12054 – Added to manual
	99905129	Added to manual
	52723864	ECN 12054 – Added to manual
20130304	51712986	Added per engineering
	51719752	Updated
	51720021	Updated
	99903767	Table updated
20140512	99904089	ECN 11998 – change rear lights, added new drawing Eff. 8/30/13
20140514	Key Cylinder Replacement	ECN 12201 – new latch assembly Effective 9/25/13
20140625	51725644 99904095	ECN 12072-1 – New Hose Reel Kit ECN 12181 – Update Flood Light Bracket, 72602098 was 72601846
20140716	93714834 93714835 93716276	ECN 10386 – Mud flap bracket was changed in 2007 ECN 9000 – Clarify drill note
20140828	99903675	ECN 12255 – 71415474 was 71412598 ECN 12268 – removed 8" access lid from 35"-48" tele tops.
20150925	99904090	ECN11874-2 Dominator I/DSC12 Door Asembly(99903767)
20151112	51726711	CN231-ADDED 8" TETHERED LID ASSEMBLY
20151221	99906023	CN197-Added Door Latch Installation w/o backing plate.
20160114	99904089	ECN12334-Cchanged 72060639 to 72060636 (longer bolt)
20160115	99903665	ECN12379-Master Lock rod hanger bracket changes
20160219	LED Light Kits	
20160614	77441595	Ecn12360-1-added new Harness Compress drawings
20160620	99905552	In conjunction with ECN12351 (per Randy R.) added new (99905552) drawing and 99905928 (rev. A)
20160815	99903675	CN392 72060052 & 72601357 (SS) NEED TO BE FULLY THREADED IN ORDER TO ADJUST MIDDLE SECTION
20160922	99906093 99906098 99906095 99906096 99906094 99906107	CN464-3, UPDATED DRAWINGS FOR 2017 FORD CHASSIS CHANGES
20171031	70034573	CN696-Added Protective Sleeve Installation Instructions.
20170222	99906150	Cn362-added new drawings and kit information for Master Locks.
20170227	99903658 99905160	Corrected drawing to remove LV3 and RV3.
20170303	99905253	CN469-1:Removed 72661467 and hardware.

20170303	99906106	Cn469-Released for production.
20170407	99903767	Added door assembly information-reordering doors.
20170414	99906150	ADDED 2 ND DRAWING AND BOM
20171213	99905142	CN594-added third hinge information
20180221		Switched Body Assembly to Assemblies & Installations, moved Body Installation information to Chassis Installation
20180227	99906298	CN717-ADDED ALUMINUM GUARD
20180327	99906331	Cn784-ADDED LOUVER DOORS
20180716	51720055, 51720057, 51719952, 51720061, 51720063	CN843
20180716		ADDED PROP65 WARNING DECAL
20180817	99904089	CN823-2
20180817	99906194 93711357	CN592
20180904	SPECS	ADJUSTED WEIGHTS
20190115	99906409	CN884
20190319	99906409 99904280 99906096	CN949
20190410	99906460	Added Ford Fuel Tank drawing
20190430	99906461	CN958: ADDED NEW DRAWING
20190508	99906463	CN 973
20190821	99906409 99906461	CN1007

CHAPTER 1

Specifications

SPECIFICATIONS	9-foot	11-foot
Body Rating	20,000 ft-lb	20,000 ft-lb
Body Weight	2124-2573 lb (963-1167 kg)	2,425-3165 lb (1100-1436 kg) (Based on configuration)
Body Width (including rain eaves)	96 in	96 in
Sidepack Height	44 in (standard) 60 in (raised)	44 in (standard) 60 in (raised)
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	120.5 ft ³ to 142.2 ft ³ (Based on configuration)
Angle of Departure	N/A	N/A

DOOR OPENING DIMENSIONS - 44" H SIDEPACKS		
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
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 14-gauge galvannealed steel. The floor structure is constructed of 12-gauge galvannealed and 1/8" deckplate steel. The step bumper is constructed of galvannealed and cold rolled steel.

Body Weights

	Step Bumper	Thru Work Bench
9 ft RH & LH standard	1,850 lb	2573 lb
11 ft RH & LH standard	2,200 lb	2878 lb
11 ft RF raised	2,250 lb	2960 lb
11 ft LF raised	2,250 lb	2960 lb
11 ft RF & LF raised	2,300 lb	3042 lb
11 ft 52" High Body with RF Raised	3,500 lb	3165 lb

Body Sub-Structure

Patented inverted A-frame design constructed of 12-gauge galvannealed material with integral crane box 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 galvannealed steel with internal formed eaves and hemmed edges. The latches are a 3-point, locking rotary T-handle style. They are constructed of cast steel with a powder-coat finish. The hinges are stainless steel with composite washers.

Storage Capacity

9 ft RH & LH standard	97.2 ft3
11 ft RH & LH standard	120.5 ft3
11 ft RF raised	131.3 ft3
11 ft LF raised	131.3 ft3
11 ft RF & LF raised	142.2 ft3

Options

1. Drawers and drawer sets	6. Individual incandescent compartment lights
2. Standard adjustable shelves	7. Work lights
3. 3" high divided adjustable shelves	8. Air systems
4. Manual stabilizers	9. Telescopic cranes up to 20,000 ft-lb
5. Workbench vises and vise plates	

Dominator Chassis Specifications

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

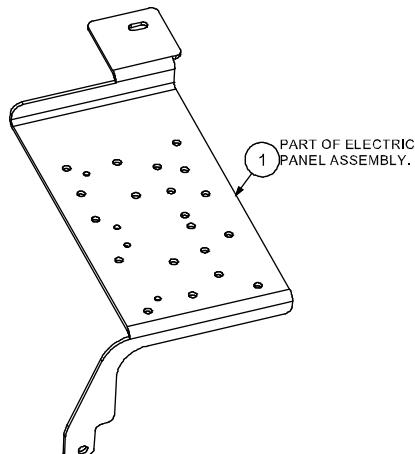
CHAPTER 2

Assemblies & Installation

In This Chapter

Body Assembly (99903654)	13
DSC20 Body Components	34
Key Cylinder Replacement	38
Dominator I/DSC12 Door Assembly (99903767)	41
Dominator DSC20 Crane Installation Hole Pattern (99903339)	42
Hydraulic Installation (99904562) (Eff. 12-15-08).....	44
Hydraulic Reservoir (51721745) (Eff. 12-15-08)	48
Hydraulic Installation (99903766) (Thru 12-15-08).....	49
Hydraulic Reservoir (51719773) (Thru 12-15-08)	55
Reference, Hyd. Reservoir Plumbing (99903766) (Thru 2006)	56
Underhood Electrical Installation, 2011 F350-450-550 (99905200)	57
Compressor Mounting Locations (99903712)	61
Compressor Reinforcement (99904278).....	63
Weather-Strip Installation (99904256)	64
Installation Kit, Compartment Pressure Fan (99905252)	65
Hydraulic Crimping Option (99904692).....	65
Hydraulic Crimping Option, Low Profile Body (99905019)	70

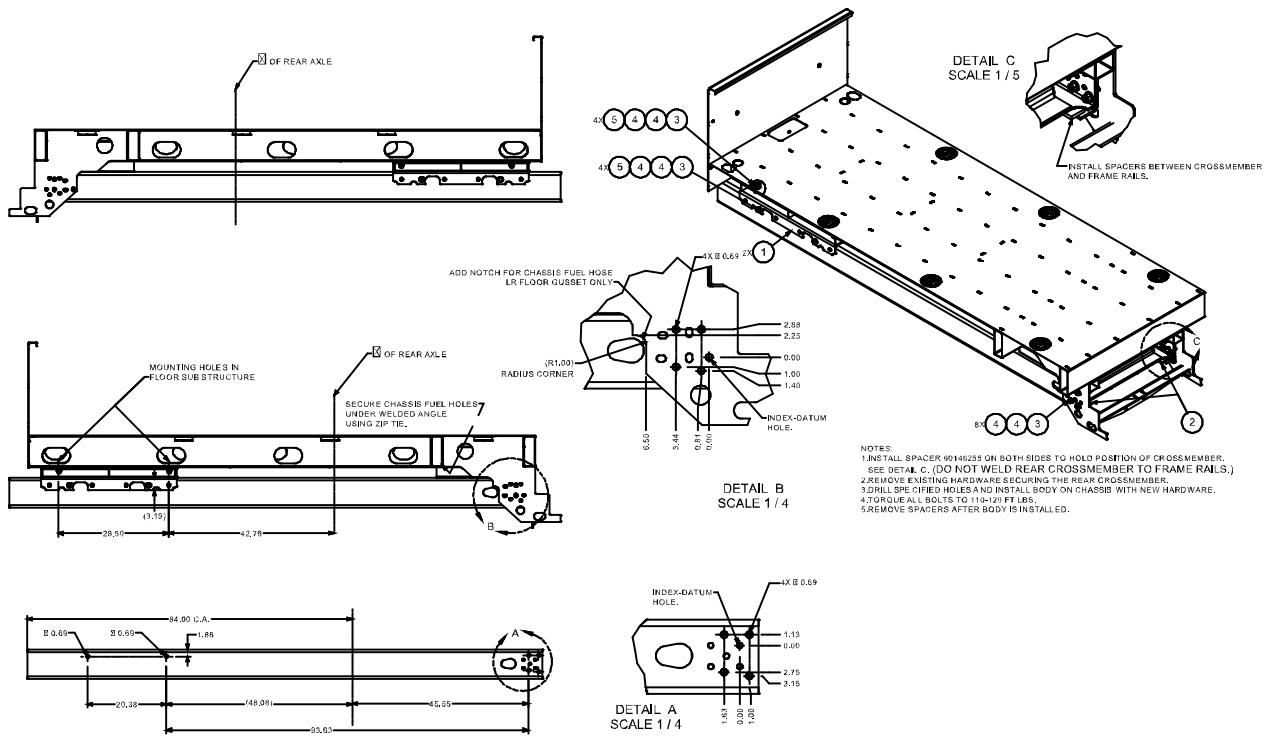
2019 RAM Under Hood Installation (99906463)



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	60251867	BRACKET-EFM DOM II SERIES II RAM 2019	REF
REV. INITIAL RELEASE CN 973			

2019 Chevy 6500 Chassis Installation (99906461)

Effective: 06/2019



NOTE:

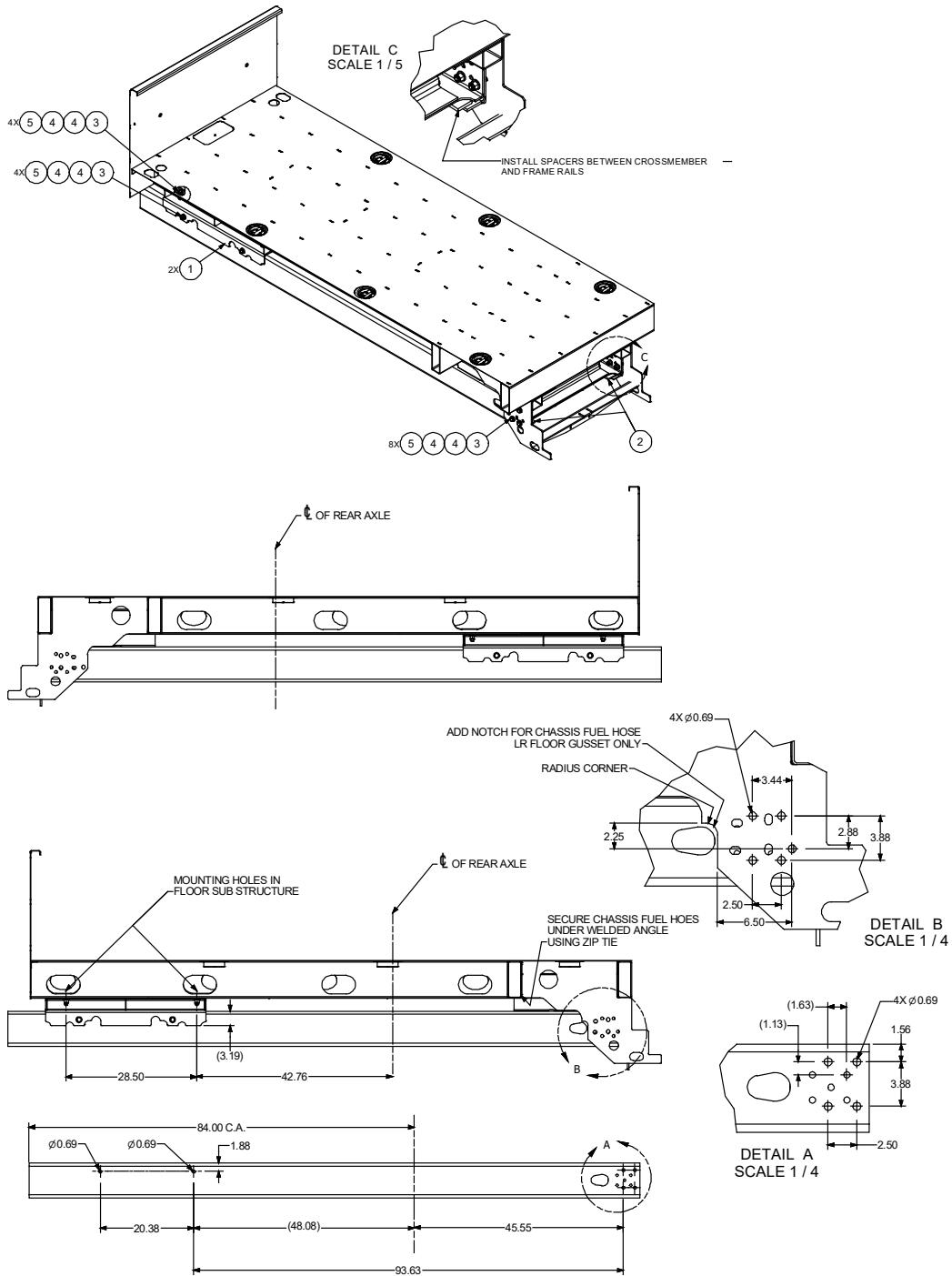
1. INSTALL SPACER 60146255 ON BOTH SIDES TO HOLD POSITION OF CROSSMEMBER. SEE DETAIL C. **DO NOT WELD REAR CROSSMEMBER TO FRAME RAILS!**
2. REMOVE EXISTING HARDWARE SECURING THE REAR CROSSMEMBER.
3. DRILL SPECIFIED HOLES AND INSTALL BODY ON CHASSIS WITH NEW HARDWARE.
4. TORQUE ALL BOLTS TO 110-120 FT- LB.
5. REMOVE SPACERS AFTER BODY IS INSTALLED.

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52727583	NUT .62-11 HEX GR8 YZ NYLOCK	2
2.	60146255	WASHER .62 FLAT ASTM F436	2
3.	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	16
4.	72063119	WASHER .62 FLAT ASTM F436	32
5.	72601859	NUT .62-11 HEX GR8 YZ NYLOCK	16

REV. B 20190821

2019 Chevy 6500 Chassis Installation (99906461)

EFFECTIVE THRU: 05/2019



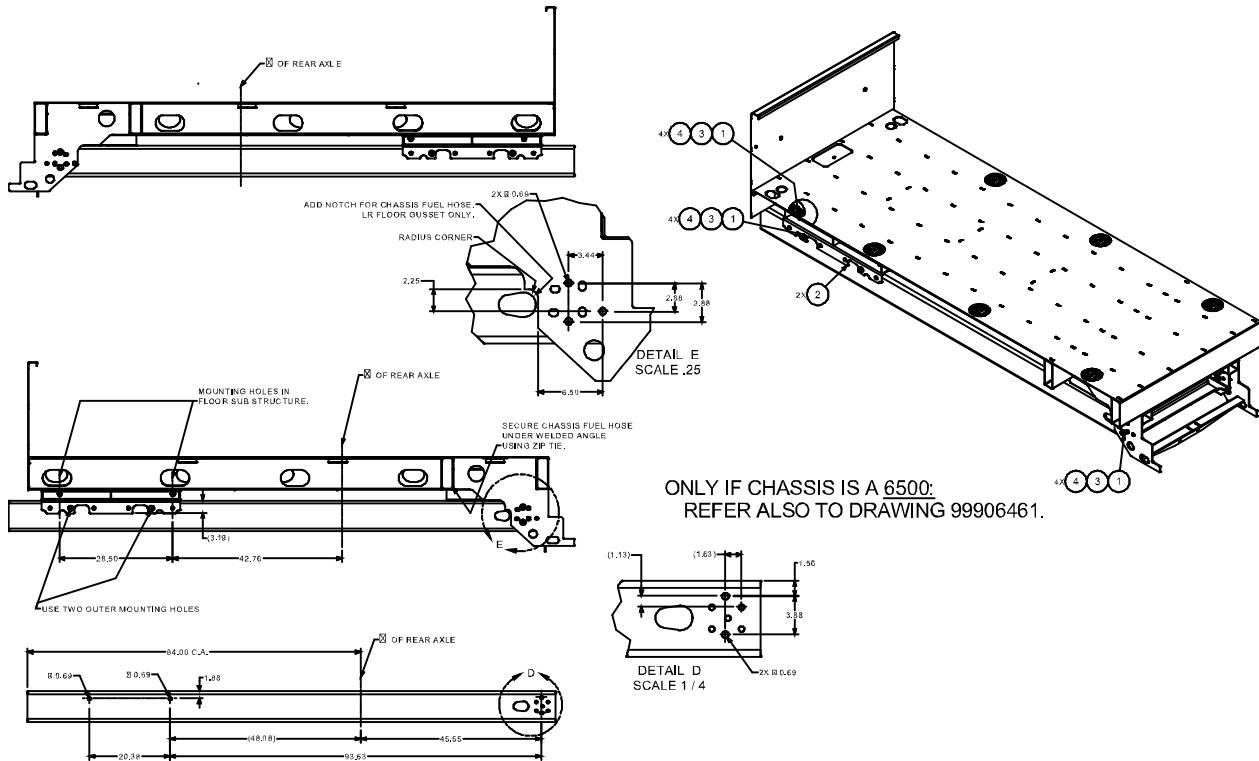
NOTE: ZIPTIE FUEL LINES UNDER THE WELDED ANGLE ON LEFT SIDE OF FLOOR TUBE.

99906461 COMPLETE PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52727583	BRACKET-BODY FRT DOM1 84CA CHEVY/IH CV	2
2.	60146255	PLATE-.44X 2.50X 6.00	2
3.	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	16
4.	72063119	WASHER .62 FLAT ASTM F436	32
5.	72601859	NUT .62-11 HEX GR8 YZ NYLOCK	16
REV. A 03202019			

2019 Chevy / IH CV Chassis Installation

(99906409) EFFECTIVE: 06/2019



99906409 PARTS LIST

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

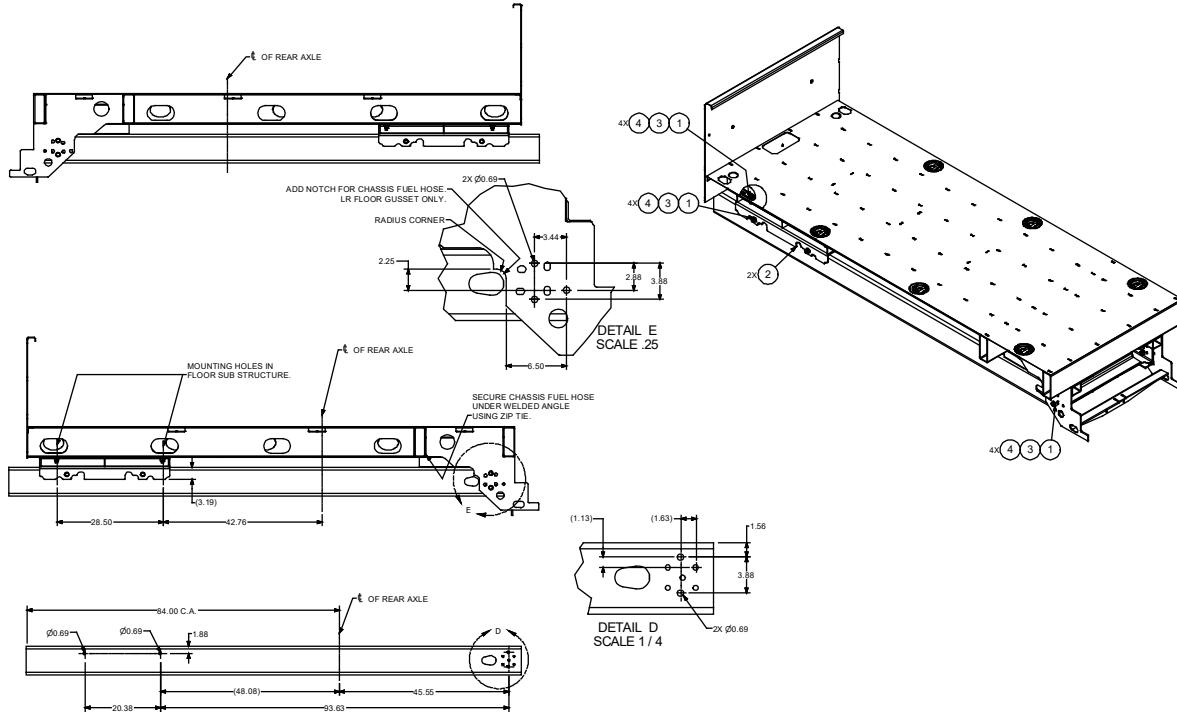
REV. B 20190821

NOTE: ZIPTIE FUEL LINES UNDER THE WELDED ANGLE ON LEFT SIDE OF FLOOR TUBE.

USE DRAWING 99906461 FOR CHEVY 6500 CHASSIS INSTALLATION.

2019 Chevy / IH CV Chassis Installation

(99906409) Effective Thru: 05-2019



99906409 PARTS LIST

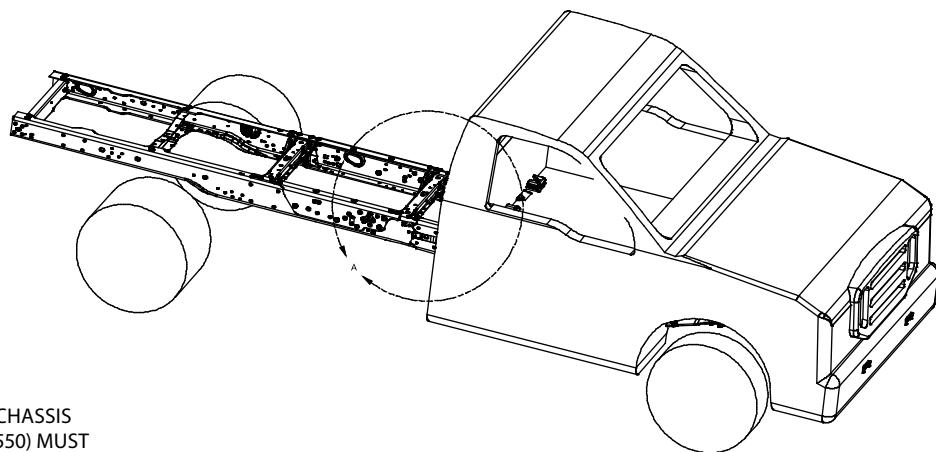
ITEM NO.	PART NO.	DESCRIPTION	QTY
1	72063119	WASHER .62 FLAT ASTM F436	1
2	52727583	BRACKET-BODY FRT DOM1 84CA CHEVY/IH CV	2
3	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	3
4	72601859	NUT .62-11 HEX GR8 YZ NYLOCK	4

REV. A 20190320

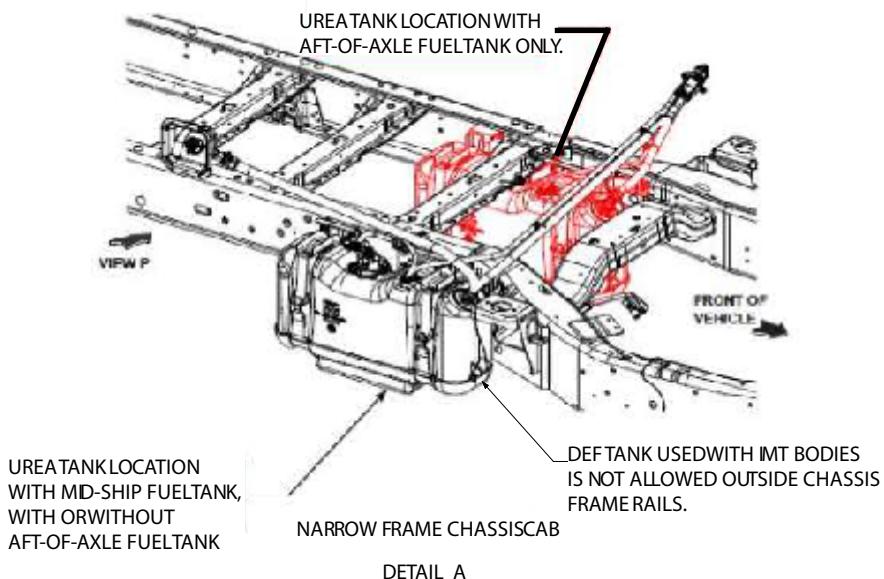
NOTE: ZIPTIE FUEL LINES UNDER THE WELDED ANGLE ON LEFT SIDE OF FLOOR TUBE.

USE DRAWING 99906461 FOR CHEVY 6500 CHASSIS INSTALLATION.

Ford Fuel Tank Installation (99906460)

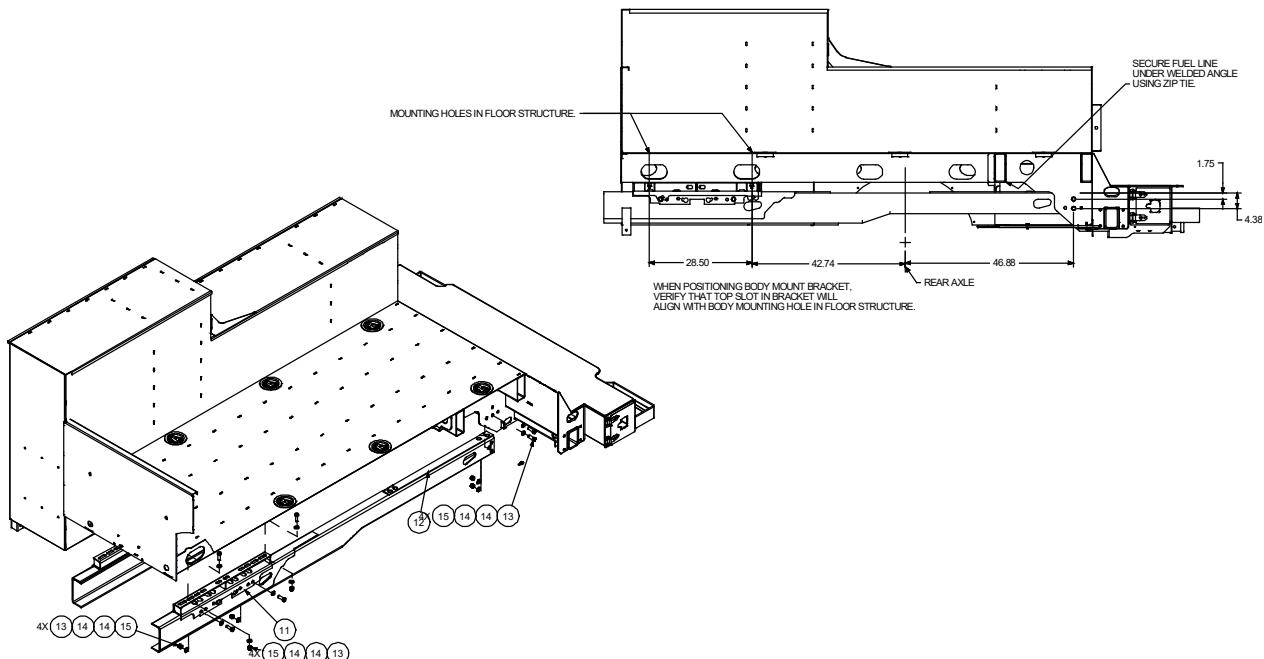


FORD DIESEL CHASSIS
(F350, F450, F550) MUST
BE EQUIPPED WITH DEF (UREA)
TANK BETWEEN FRAME RAILS.



DETAIL A

Body Installation, Ford / Ram-2008 (99904280)

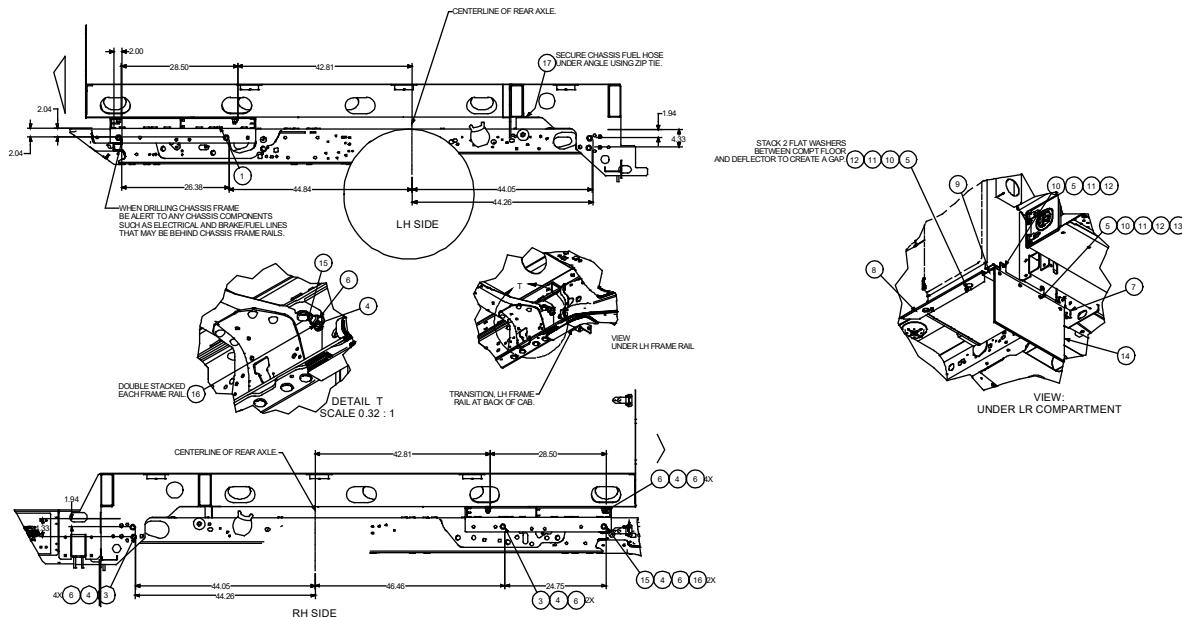


99904280 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY
1.	60131361	BRACKET-MUD FLAP DOM1 FORD 6.4L	2
2.	60131565	BRACKET-MUD FLAP DOM1 SIDE PROTECTOR	2
3.	76393799	MUD FLAP W/IMT LOGO 16H X 24W	2
4.	60120705	MTG BRKT-WIRE HARNESS	2
5.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	28
6.	72063078	WASHER .31X1.50 OD ZINC	8
7.	72063002	WASHER .31 FLAT	42
8.	72062109	NUT .31-18 HEX NYLOCK	28
9.	52714905	BRACKET-BODY FRT DOM1 9' BODY	2-AR
10.	52714843	BRACKET-BODY FRT DOM1 11' BODY SNGL WALL FRAME	2-AR
11.	52716274	BRACKET-BODY FRT DOM1 84CA 19000 GVW	2-AR
12.	60122777	SHIM-BODY MTG REAR DOM/PRED F550 19000 G	2-AR
13.	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	12
14.	72063119	WASHER .62 FLAT ASTM F436	24
15.	72601859	NUT .62-11 HEX GR8 YZ NYLOCK	12
16.	76392598	WASHER-BONDED .31 PLTD	18
17.	71412663	EXH CONNECTOR-4.00ID ELBOW (6.4)	2-AR
18.	52721430	BRACKET-BODY FRONT DOM 84CA DODGE 08	2-AR

99904280 PARTS LIST
REV. D 20190320
NOTE: ZIP TIE FUEL LINES UNDER THE WELDED ANGLE ON LEFT SIDE OF FLOOR TUBE.

Body Installation, Ford 2017 11'-19.5k (99906096)



99906096 PARTS LIST

Item #	Part #	Description	Qty.
1.	52726969	BRACKET-BODY FRT DOM1 84CA 19000 GVW	2
2.	60122777	SHIM-BODY MTG REAR DOM/PRED F550 19000 G	4
3.	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	10
4.	72063119	WASHER .62 FLAT ASTM F436	24
5.	72063002	WASHER .31 FLAT	26
6.	72601859	NUT .62-11 HEX GR8 YZ NYLOCK	12
7.	60131361	BRACKET-MUD FLAP DOM1 FORD 6.4L	2
8.	60131565	BRACKET-MUD FLAP DOM1 SIDE PROTECTOR	2
9.	60120705	MTG BRKT-WIRE HARNESS	2
10.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	18
11.	76392598	WASHER-BONDED .31 PLTD	10
12.	72062109	NUT .31-18 HEX NYLOCK	18
13.	72063078	WASHER .31X1.50 OD ZINC	8
14.	76393799	MUD FLAP W/IMT LOGO 16H X 24W	2
15.	72601482	CAP SCR .62-11X 2.50 HH GR8 Z	2
16.	60144644	SPACER-WASHER 2017 FORD	4

99906096 PARTS LIST

Item #	Part #	Description	Qty.
17.	60133028	BRKT- ZIP TIE P-MOUNT BASE	REF

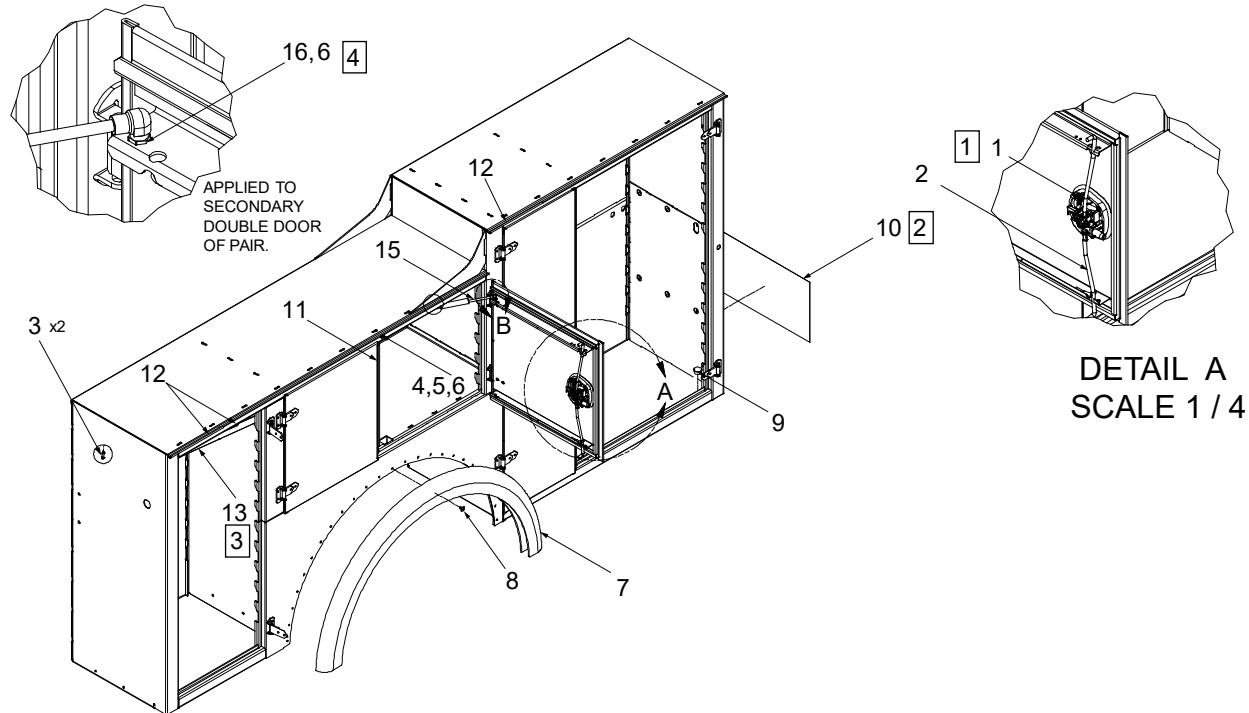
REV B 20190319

NOTE: Ziptie fuel lines under the welded angle on left side of floor tube.

These drawings are used specifically on configurations pertaining to the 2017 or newer Ford Super Duty Chassis.

2017 Body Assembly (99905253)

DETAIL B
SCALE 1 : 1



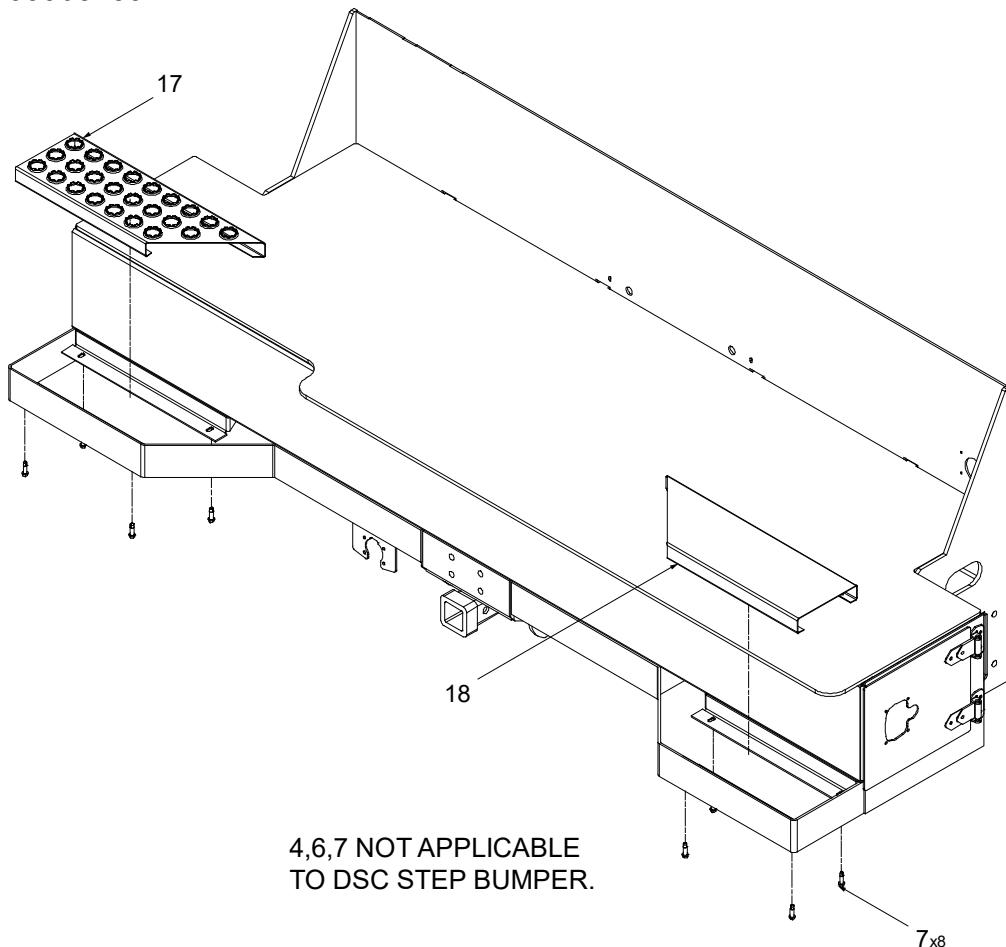
DETAIL A
SCALE 1 / 4

RH SIDEPACK SHOWN
LH ASSEMBLY IS SIMILAR

NOTES:

1. ROD ATTACHMENT HDW INCLUDED WITH LATCH.
2. APPLY THREAD DECAL FLUSH TO BOTTOM & OUTSIDE EDGE OF SIDEPACK.
3. CRANE SIDE ONLY.

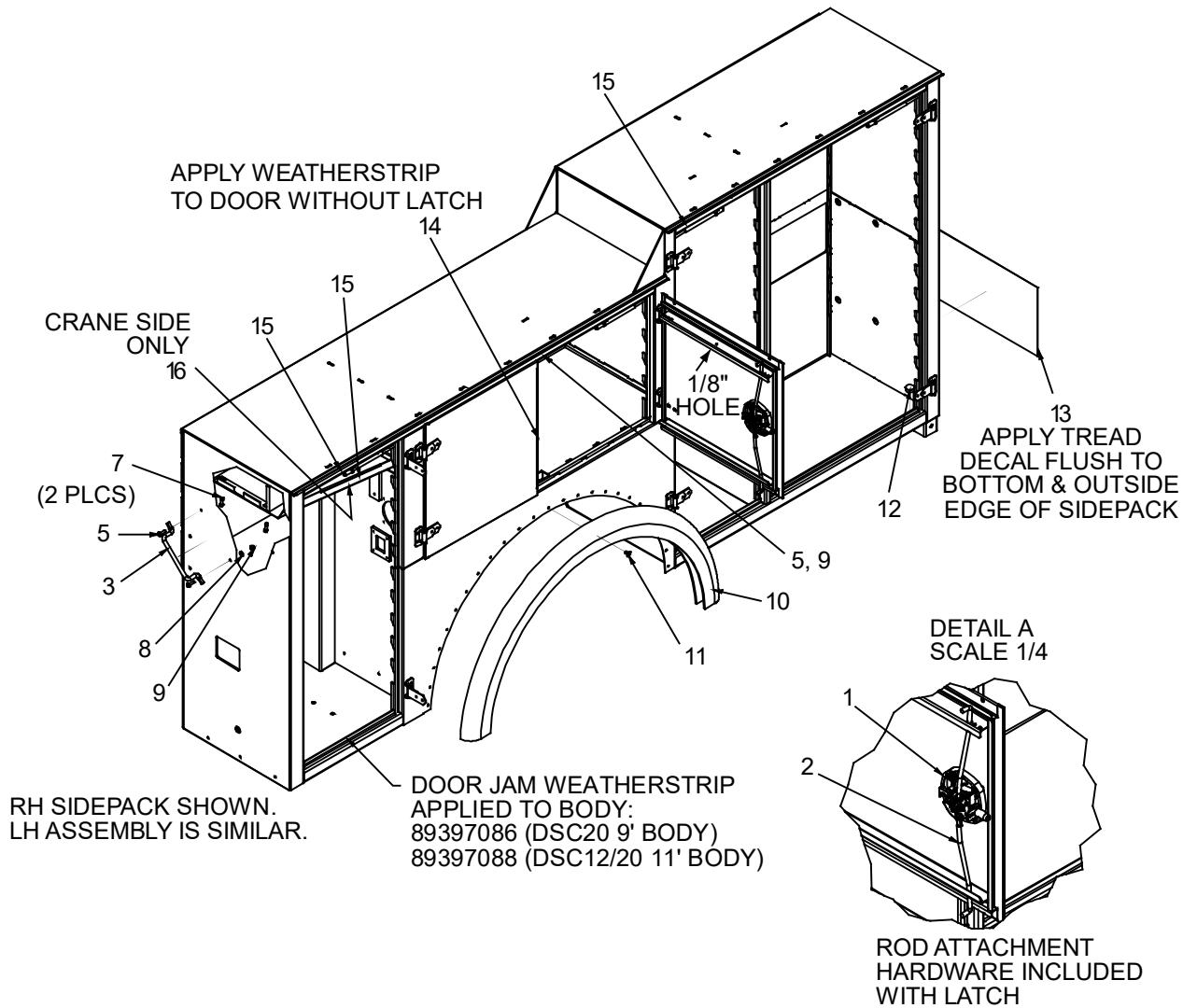
ASSEMBLY TYP BOTH ENDS OF DOOR SHOCK

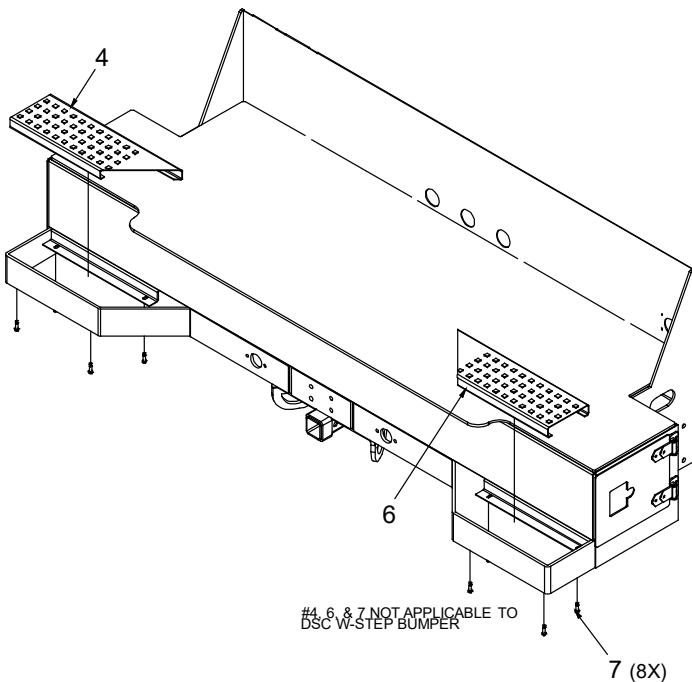
99905253-1**99905253 2017 PARTS LIST**

Item	Part No.	Description	Qty
1	72661599	LATCH ASM-3PT COMPRESSION (BLACK)	A/R
2	VARIOUS	ROD-DOOR	A/R
3	72060833	SCR-THRD.CUT .31-18X.75 HWH-1	10
4	72601590	SCR-MACH .31-18X 1.00 BTNHD HEX SS	1
5	72062314	WASHER-BONDED .31 SS	1
6	72062109	NUT .31-18 HEX NYLOCK	A/R
7	89396599	FENDER RUBBER-DOM 2/3 (SERIES (II))	2
7	89396991	FENDER RUBBER-DOM 4 SII 19'	2
7	89396893	FENDER RUBBER-DOM 4 SII 14'	2
7	60396773	FENDER RUBBER-DOM 1 & DSC (SERIES (II))	2
8	72661716	RIVET-POP AL .250 X .251-.375 GRIP LG HD	A/R
9	70034366	PLUG-PLSTC BUTTON BP-1-1/8	A/R
10	60350056	TREAD-SHUR STEP 12"X 21 in.	2
11	89399101	WEATHERSTRIP- .75X.71 73212HATS	A/R
12	89396626	EDGING-PLASTIC BLK	A/R

99905253 2017 PARTS LIST			
Item	Part No.	Description	Qty
13	60116698	DRIP TRAY-CRANE COMPT DOM1, DOM2, & DSC	1
14	60129777	DRIP TRAY-CRANE COMPT DOM4 SII	1
15	73050188	SPRING-PNEUMATIC 40 3in STR W-OC DYN	A/R
16	70143791	BALL STUD-PNEU.SPRING	A/R
17	60140037	STEP BUMPER-PUNCHED SERRATED LH	1
18	60144388	STEP-7.00WX 1.50DX 22.25 BUMPER RH	1
REV. G 20170301			

Body Assembly (99903654) EFFECTIVE THROUGH: MAY 2017



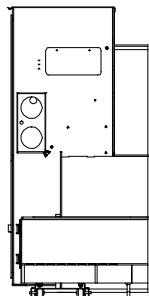
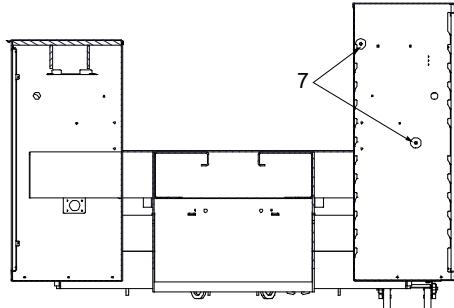
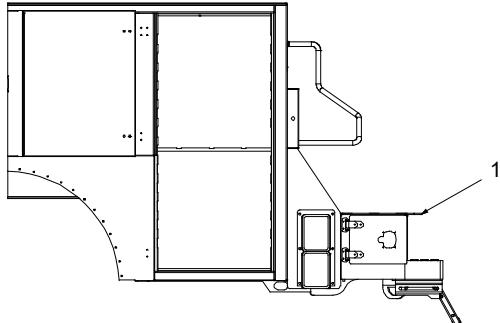
**NOTES:**

- 1 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.
- 2 DSC20 9' BODIES WITHOUT HOLES IN THE DOOR BRACE REQUIRE WEATHERSTRIP PART NUMBER 89395456.
- 3 DSC20 9' BODIES WITHOUT HOLES IN THE DOOR BRACE REQUIRE WEATHERSTRIP PART NUMBER 70393684.

BODY ASSEMBLY PARTS LIST (99903654)

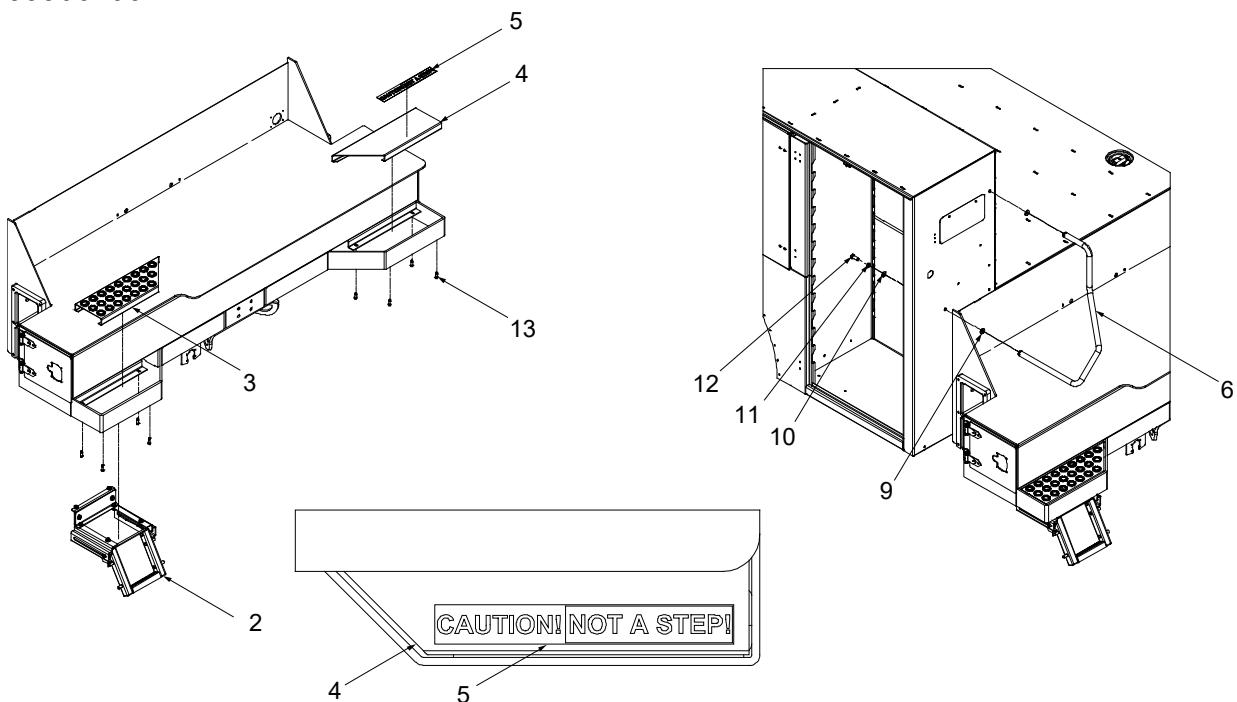
ITEM	PART #	DESCRIPTION	QUANTITY
1.	72661599	LATCH ASM-3PT COMPRESSION	A/R
2.	VARIOUS	ROD-DOOR	A/R
3.	72661467	HANDLE-BODY BOLT ON 7.0X2.5BLK	2
5.	72601590	CAP SCR-SS .31-18X1.00 TRH PHH	A/R
7.	72060833	CAP SCR-THD CUT .31-18X .75 HWH1 (WAS 72601829)	10
8.	72063152	WASHER-SS .31 R FLAT WRT TYPE 304 (WAS 6)	4
9.	72062167	NUT-SS .31-18 HEX NYLOC	A/R
10.	60396773	FENDER RUBBER (DOM 1/DSC20)	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/DSC20)	1

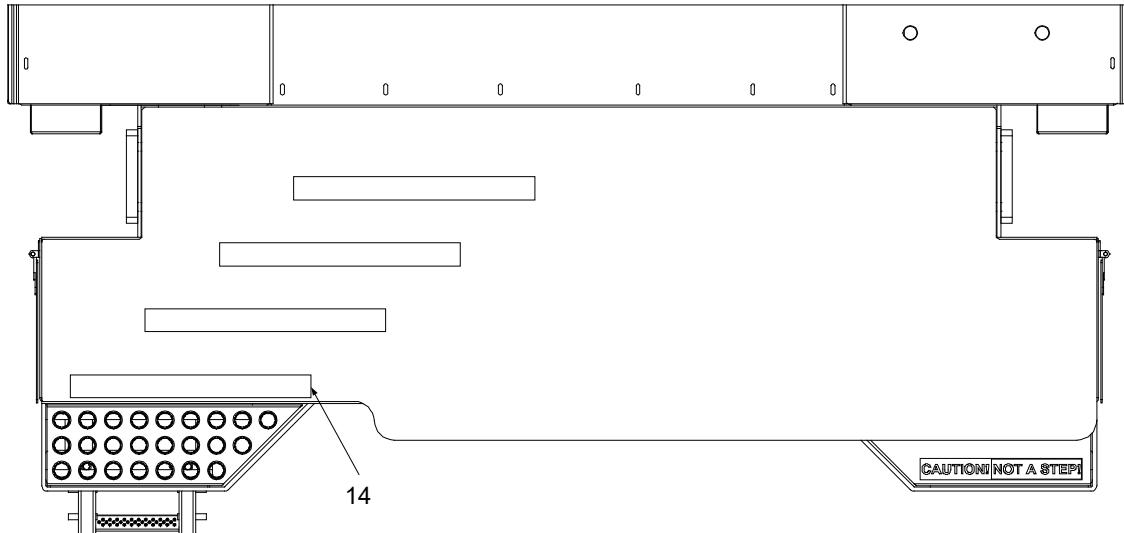
2017 Access Package (99906106)



99906106-1

SECTION A - A
SCALE 1 / 8

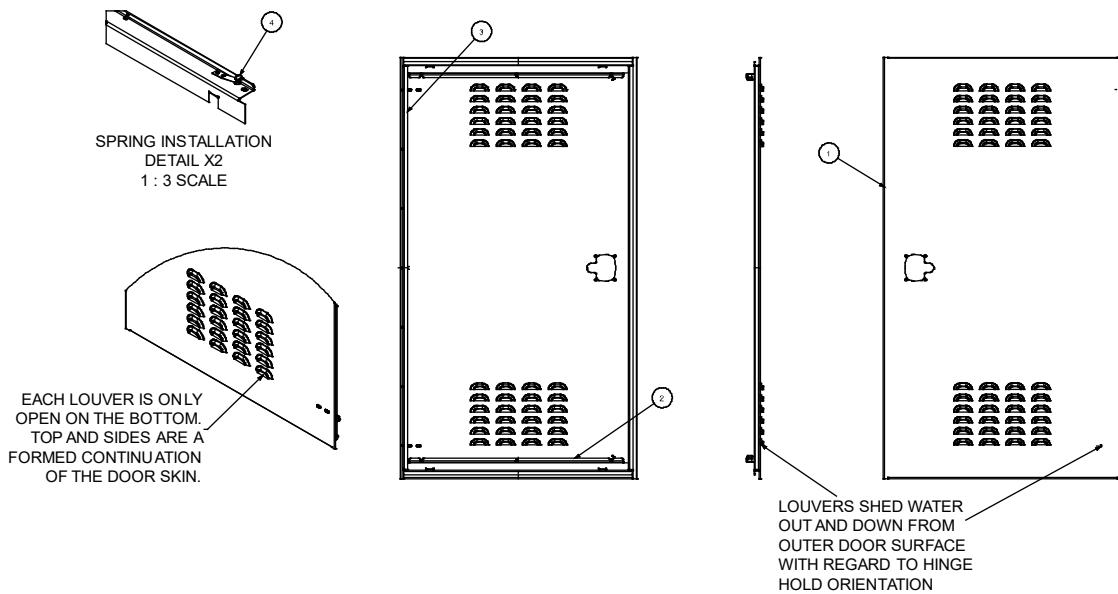


99906106-2**99906106 Complete Parts List**

Item	Part No.	Description	Qty
1	60144541	DS3 -W-B OVERLAY D3&4 0.31 3PA	1
2	52723864	DS3 -LADDER ASSEMBLY-10 DOM 2-3-4	1
2	51726580	DS3 -LADDER ASSEMBLY-10 D 1 BLACK	1
3	60140037	STEP BUMPER-PUNCHED SERRATED LH	1
4	60144388	STEP-7.00WX 1.50DX 22.25 BUMPER RH	1
5	70399972	DECAL-NOT A STEP	1
6	52726871	WLDMT-GRAB HANDLE 3-POINT ACCESS	1
7	60144384	REINF PLATE-GRAB HANDLE 2.25 DIA.	2
8	51726872	KIT-HRDW 3 POINT GRAB HANDLE MOUNTING	2
9	72063322	WASHER-FLAT .50 X .08 X 1.06 BLK NEOPREN (PART OF 8)	2
10	72063005	WASHER .50 FLAT (PART OF 8)	2
11	72063053	WASHER .50 LOCK (PART OF 8)	2
12	72060092	CAP SCR .50-13X 1.25 HH GR5 Z (PART OF 8)	2
13	72060833	SCR-THRD.CUT .31-18X.75 HWH-1	8
14	60350174	TREAD-SHUR STEP 2.0 X 21.0	4

REV. A 20170303

Door Panel with Louvers (99906331)



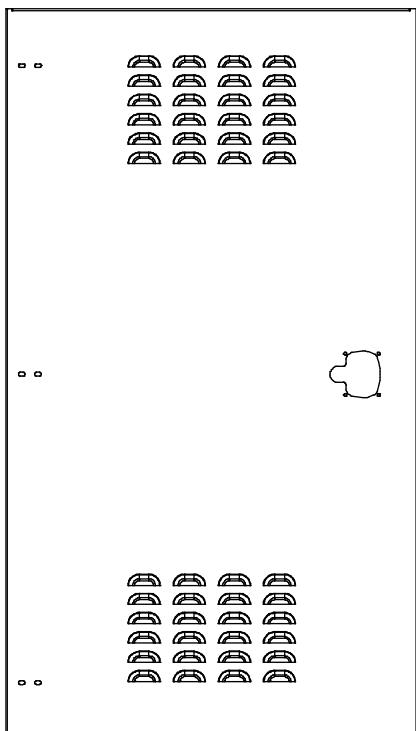
NOTES:

1. DOOR FITS SINGLE DOOR OPENING.
2. FOR INDIVIDUAL PART DRAWINGS, SEE DRAWING NUMBERS: 99906331, 71414226, 71414227.

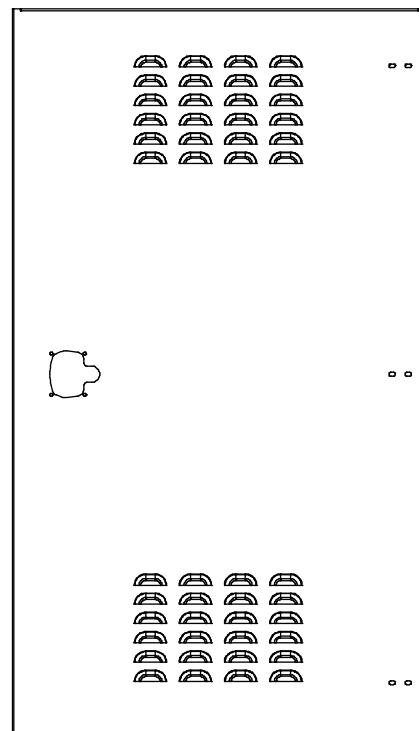
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	SEE P/N TABLE	DOOR-HEM DS3 SGL DOOR PANEL	1
2.	SEE P/N TABLE	DOOR-HEM DS3 SGL Z-BRACE	2
3.	SEE P/N TABLE	DOOR-HEM DS3 HINGE SUPPORT	1
4.	71412587	DOOR-HEM DS3 DOOR ROD SPRING	2
REV. INITIAL RELEASE			

DOOR ASSEMBLY PART NUMBERS										
PART NO.	DESCRIPTION	ITEM 1	ITEM 2	ITEM 3	DIM "A"	DIM "B"	DIM "C"	DIM "D"	HINGE HOLE 3	LOUVER PATTERS
71416804	DOOR-HEM DS3 SGL 56.81X31.96 D-PL LH	71416803	71414262	71414254	56.81	31.96	4.41	4.41	YES	LH-2
71416806	DOOR-HEM DS3 SGL 56.81X31.96	71416805	71414262	71414254	56.81	31.96	4.41	4.41	YES	RH-2

DOOR ASSEMBLY PART NUMBERS										
PART NO.	DESCRIPTION	ITEM 1	ITEM 2	ITEM 3	DIM "A"	DIM "B"	DIM "C"	DIM "D"	HINGE HOLE 3	LOUVER PATTERNS
	D-PL RH									
71416811	DOOR-HEM DS3 SGL 48.81X31.96 D-PL RH	71416810	71414262	71414253	48.81	31.96	4.41	4.41	NO	RH-2
REV. A										

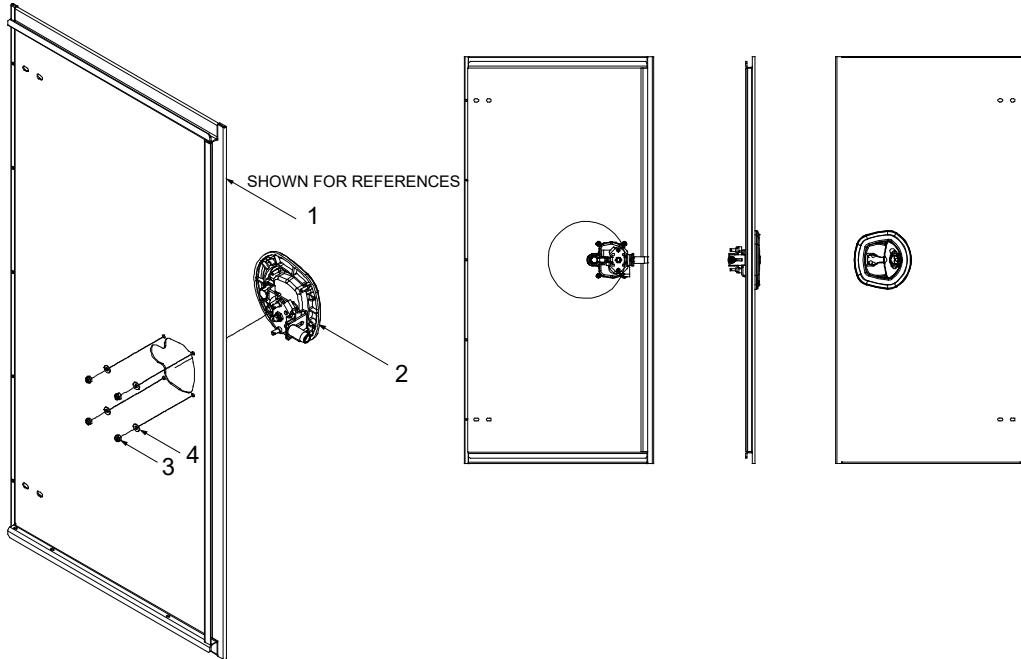


LH DOOR ORIENTATION



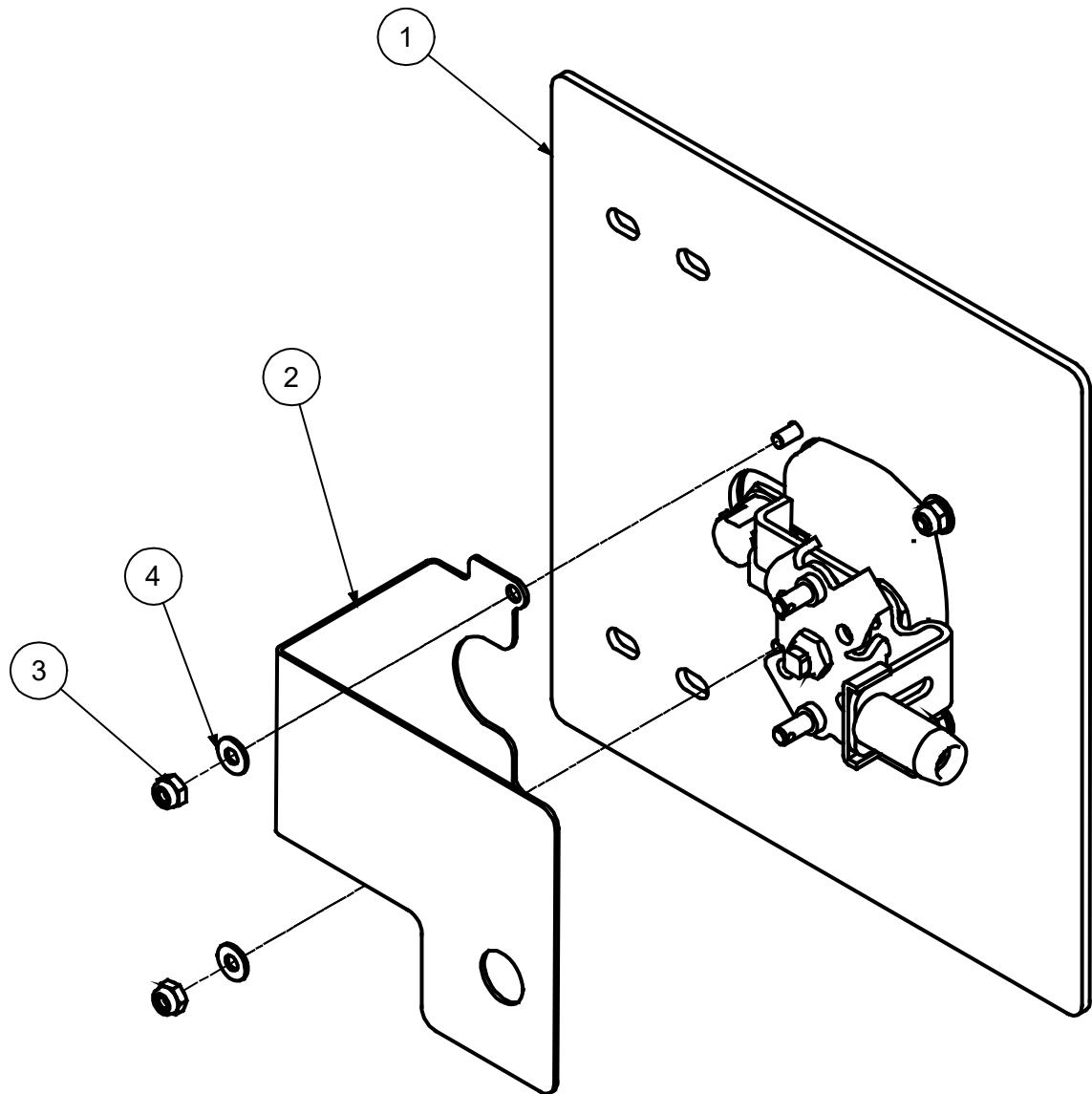
RH DOOR ORIENTATION

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.

Workbench Latch Guard (99906281)



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.		DOOR WORKBENCH (Reference)	1
2.	60145209	GUARD - DOOR LATCH	1
3.	72062123	NUT-SS #10-24 NYLOC	4
4.	72063181	WASHER-FLAT #10 WRT TYPE 304SS	4

REV. A
Effective: 1-1-2018

DSC20 Body Components

Body Description	Body Assembly Part #
DOMINATOR DSC20 BODY-9' RIGHT STANDARD/ LEFT STANDARD	51720306
DOMINATOR DSC20 BODY-11' RIGHT STANDARD / LEFT STANDARD	51720304
DOMINATOR DSC20 BODY-11' RIGHT STANDARD / LEFT RAISED COMP. 1-2	51720548
DOMINATOR DSC20 BODY-11' RIGHT RAISED COMPARTMENTS 1-2/ LEFT STANDARD	51720303
DOMINATOR DSC20 BODY-11' RIGHT RAISED COMPARTMENTS 1-2/ LEFT RAISED COMP. 1-2	51720549
DOMINATOR DSC20 BODY-11' RIGHT 52" RAISED COMPT 1-2/52" LEFT (DOMCS)	51722368

Component Part #	Component Description	51720306	51720304	51720548	51720303	51720549	51722368
		9'	11' R Std/L Std	11' R Std/L Rsd	11' R Rsd/L Std	11' R & L Rsd	11' 52" High w/RF Rsd
99903654	DRAWING- DOM 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/3/4" OFFSET (WAS 60124432)	4	0	4	4	8	2
60130299	ROD-DOOR 19.12 LG W/3/4" OFFSET (WAS 60127447)	8	12	8	8	4	0
60127447	ROD-DOOR 10.38 LG W/3/4" OFFSET	4	4	4	4	4	0
60130298	ROD-DOOR 23.12LG W/3/4" OFFSET	0	0	0	0	0	8
60127636	ROD-DOOR 14.38 LG W/3/4" OFFSET	0	0	0	0	0	4
70034366	PLUG-PLSTC BUTTON	8	8	8	8	8	8
60396773	FENDER RUBBER	2	2	2	2	2	2
72661599	LATCH ASM-3PT COMPRESSION	6	8	8	8	8	9
70393684	WEATHERSTRIP-108ft ROLL .62X.50	1	1	1	1	1	1
89393638	WEATHERSTRIP-.75X.38 TRIM-LOC X119 BT	4	4	4	4	4	9
89396626	EDGING-PLASTIC BLACK	18	22	22	22	22	22
51716326	HARDWARE KIT-CRANE DRIP TRAY	1	1	1	1	1	1
72661467	HANDLE-BODY BOLT ON 7.0X2.5BLK	2	2	2	2	2	2
91720607	MANUAL-DOM DSC	1	1	1	1	1	1
60116698	DRIP TRAY-CRANE COMPT	1	1	1	1	1	1
60350056	TREAD-SHUR STEP 12"X 21 in.	2	2	2	2	2	2
51716366	HARDWARE KIT-GRAB HANDLE	1	1	1	1	1	1

Component Part #	Component Description	51720306	51720304	51720548	51720303	51720549	51722368
		9'	11' R Std/L Std	11' R Std/L Rsd	11' R Rsd/L Std	11' R & L Rsd	11' 52" High w/RF Rsd
51718053	BOOM SUPPORT	1	1	1	1	1	1
60125128	BRACKET-MUD FLAP DOM1 FORD 6.0L	2	2	2	2	2	2
76393799	MUD FLAP W/IMT LOGO 16H X 24W	2	2	2	2	2	2
51716368	MUD FLAP HARDWARE KIT	1	1	1	1	1	1
51716277	INSTALLATION HARDWARE KIT	1	1	1	1	1	1
52714843	BRACKET-BODY 19000 GVW	2	2	2	2	2	2
51720568	ELEC KIT-BASE KIT (BODY)	1	1	1	1	1	1
77441125	HARNESS-9' JUMPER	2	0	0	0	0	0
77441126	HARNESS-11' JUMPER	0	2	2	2	2	2
52720550	WLDMT-STABILIZER CRANK DOWN RH	1	1	1	1	1	1
52720551	WLDMT-STABILIZER CRANK DOWN LH	1	1	1	1	1	1
52720293	WLDMT-STABILIZER ARM LH	1	1	1	1	1	1
52720294	WLDMT-STABILIZER ARM RH	1	1	1	1	1	1
51720559	HARDWARE KIT- STAB PLATE TO ARM	1	1	1	1	1	1
51720560	HARDWARE KIT-STAB ARM TO HOUSING	1	1	1	1	1	1
REV 20090430							

Key Cylinder Replacement

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

Latch Assembly 72661599 Effective 9/25/13

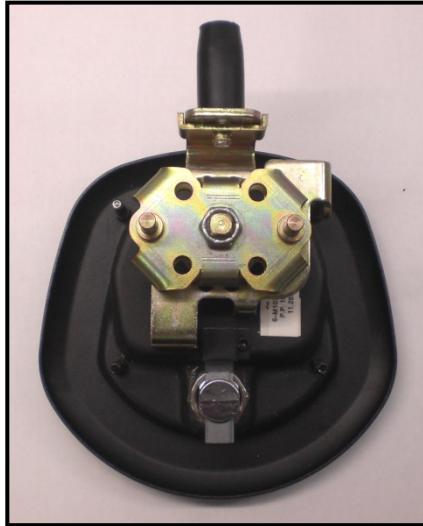
72661713	Latch Assembly **shown at right
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Standard Key Cylinder:

72661727	Cylinder/Key Compression Latch J223
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Alternate Key Cylinders:

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



Latch Assembly 72661599 Through 9/25/13

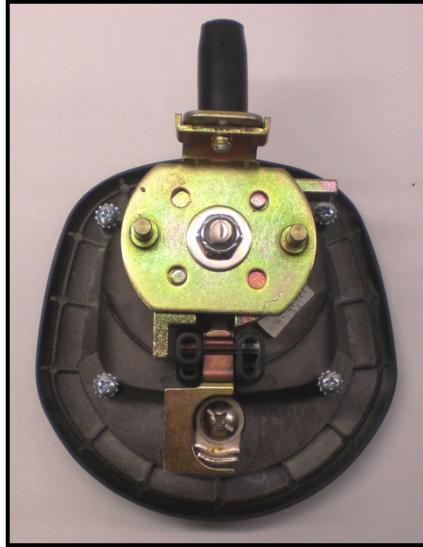
72661726	Latch Assembly **shown at right
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Standard Key Cylinder:

72661608	Cylinder/Key Compression Latch J223
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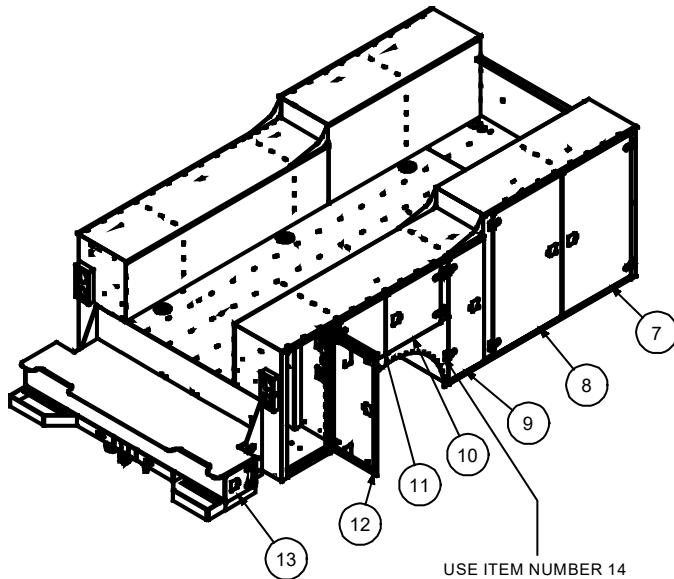
Alternate Key Cylinders:

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

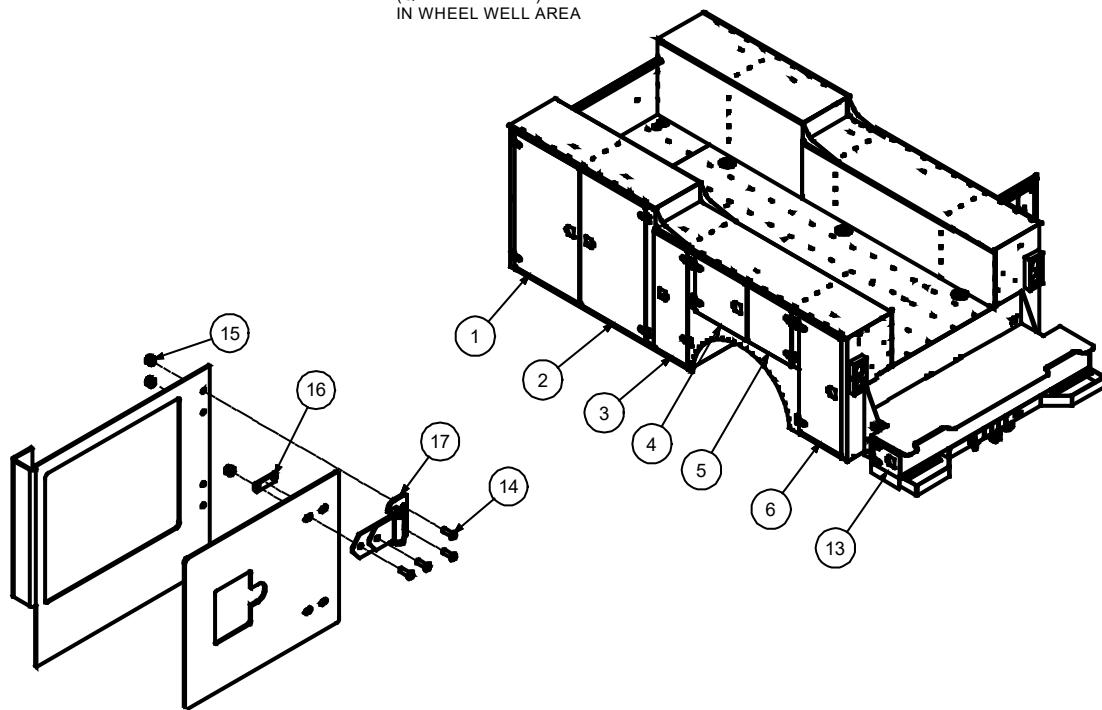


Part # 72661619, Cylinder/Key Tool for Compression Latch, is required to change the key cylinders on Latch Assembly 72661726.

2018 Door Assembly (99905142)

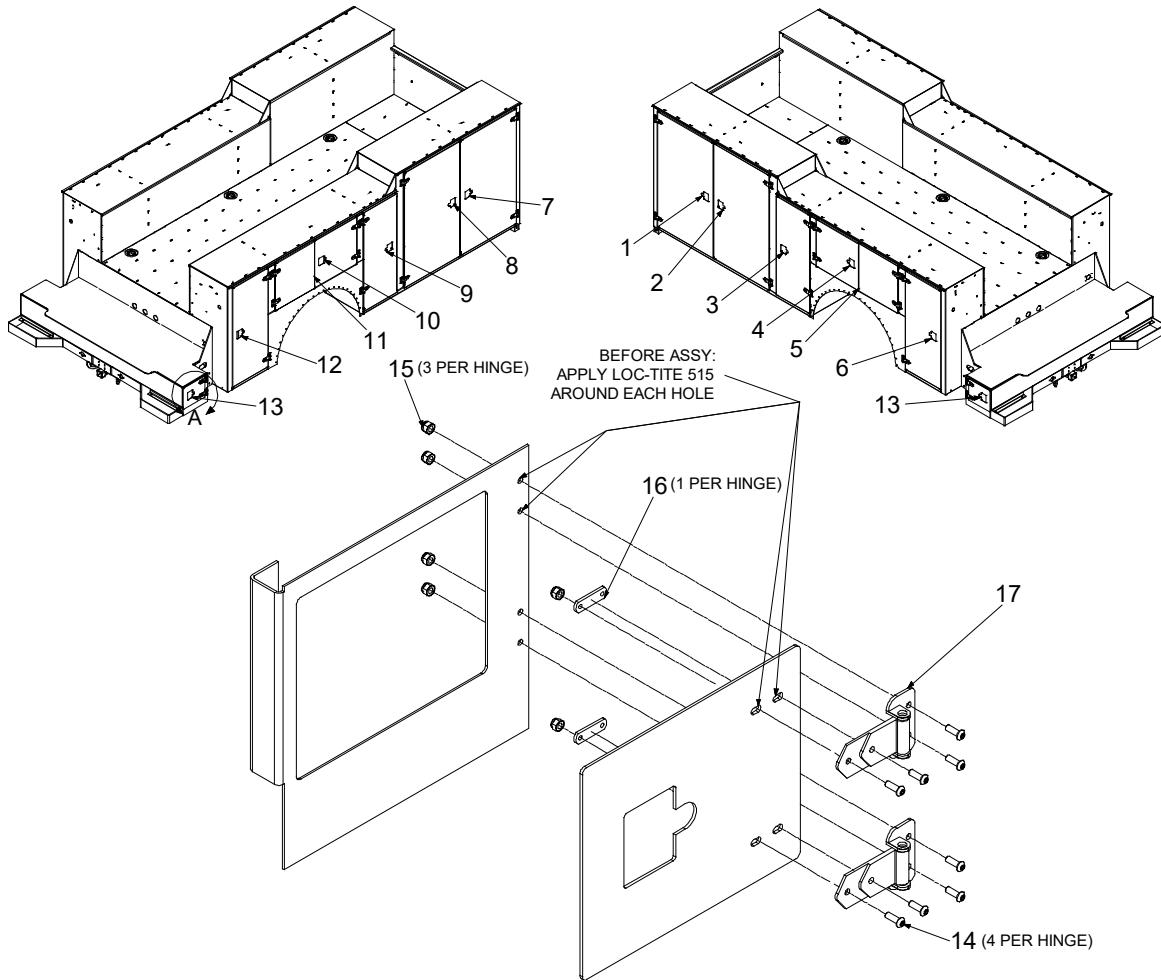


USE ITEM NUMBER 14
(QTY 2 PER SIDE)
IN WHEEL WELL AREA



ITEM NO.	LOCATION	BODY	44" DOM1 (STANDARD)	52" DOM1 (OPTIONAL)	60" DOM1 (RAISED)
1	LEFT VERT 1	ALL	71414302	71414310	71416613
2	LEFT VERT 2	11'	71414303	71414308	71416615
3.	LEFT VERT 3	NA	NA	NA	NA
4.	LEFT HORIZ W/LATCH	9'	71414462	NA	NA
5.	LEFT HORIZ W/O LATCH	9'	71414463	NA	NA
6.	LEFT REAR	ALL	71414304	71414307	71416616
7.	RIGHT VERT 1	ALL	71414302	71414310	71416613
8.	RIGHT VERT 2	11'	71414303	71414312	71416615
9.	RIGHT VERT 3	NA	NA	NA	NA
10.	RIGHT HORIZ W/LATCH	9'	71414462	NA	NA
11.	RIGHT HORIZ W/O LATCH	9'	71414463	NA	NA
12.	RIGHT REAR	ALL	71414304	71414307	71414307
13.	WORKBENCH	ALL	30129178	60126276	60129178
14	4 PER HINGE	ALL		72601652	
14	2 PER HINGE	CRANE BOX		72601653	
15	3 PER HINGE	ALL		72062194	
16	1 PER HINGE	ALL		72062264	
17	ALL HINGES	ALL		72661383	
REV. C 20171212					
EFFECTIVE: 01/01/2018					

Dominator I/DSC12 Door Assembly (99903767)

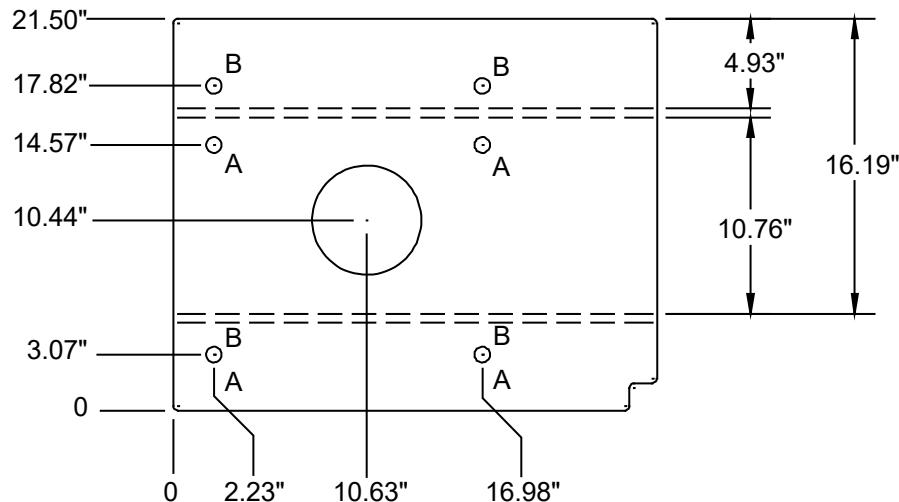

NOTE:

When ordering replacement doors for a compartment, if the model has double doors (such as the horizontal compartments) the new replacement doors may not be dimensionally the same as the original doors, and must be ordered in a matched set. Please supply exterior height and width dimensions of the door that is being replaced when placing order.

				SIII	SIII
ITEM	LOCATION	BODY		44"	60"
1	LEFT VERT 1	ALL	52719669	52718715	71414302
2	LEFT VERT 2	11'	52719668	52719666	71414304
4	LEFT HORIZ W/LATCH	11'	52718727	N/A	71414322
					N/A

			SIII	SIII		
ITEM	LOCATION	BODY	44"	60"	44"	60"
4	LEFT HORIZ W/LATCH	9'	52719894	N/A	71414462	N/A
5	LEFT HORIZ W/O LATCH	11'	52711426	N/A	71414341	N/A
5	LEFT HORIZ W/O LATCH	9'	52719895	N/A	71414463	N/A
6	LEFT REAR	ALL	52719667	52719092	71414304	71414311
7	RIGHT VERT 1	ALL	52719669	52718715	71414302	71414305
8	RIGHT VERT 2	11'	52719668	52719666	71414303	71414309
10	RIGHT HORIZ W/LATCH	11'	52718727	N/A	71414322	N/A
10	RIGHT HORIZ W/LATCH	9'	52719894	N/A	71414462	N/A
11	RIGHT HORIZ W/O LATCH	11'	52711426	N/A	71414341	N/A
11	RIGHT HORIZ W/O LATCH	9'	52719895	N/A	71414463	N/A
12	RIGHTREAR	ALL	52719667	N/A	71414304	N/A
13	WORK BENCH	ALL	60129178	60129718	60129718	60129718
14	72601652 - SCREW-MACH .25-20X .75 TRHTORXSS	ALL	4 PER HINGE		4 PER HINGE	
14	72601653 - SCREW-MACH .25-20X 1.00 TRHTORXSS	CRANE BOX	2 PER HINGE		2 PER HINGE	
15	72062194 - NUT .25-20 HEX SS 18-8 NYLOCK	ALL	3 PER HINGE		3 PER HINGE	
16	72062264 - WELD NUT .25-20	ALL	1 PER HINGE		1 PER HINGE	
17	72661383 - HINGE-SS 10GA	ALL	ALL HINGES		ALL HINGES	

Dominator DSC20 Crane Installation Hole Pattern (99903339)

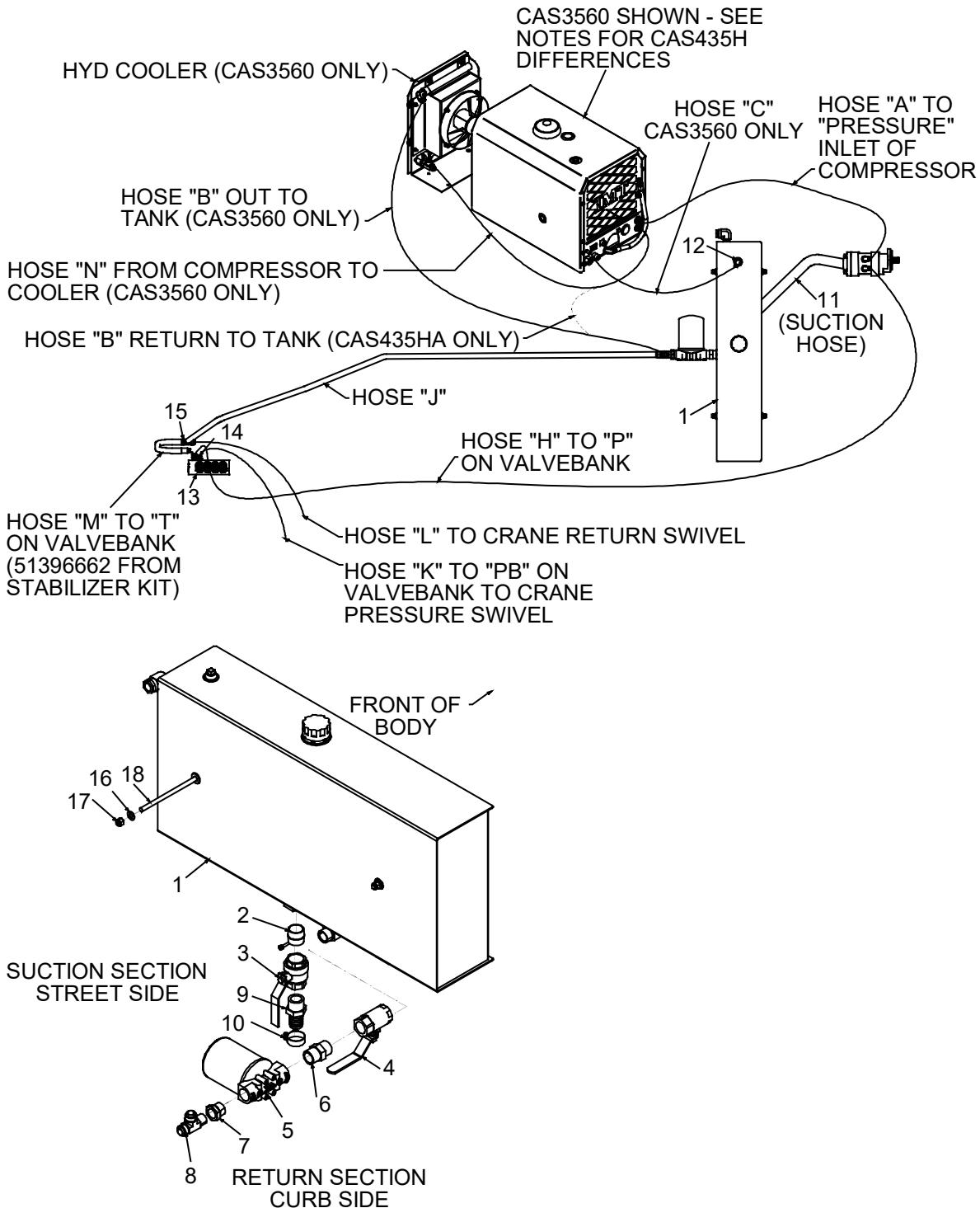


HOLE INDEX PER CRANE MODEL:

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.)

REV. E 20080814

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			

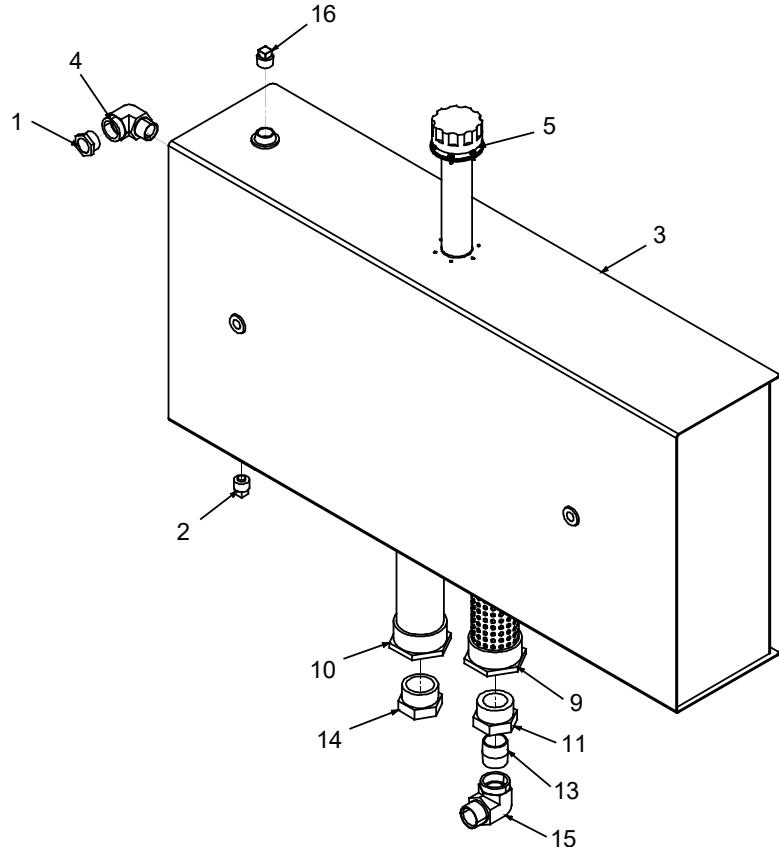
HYDRAULIC INSTALLATION COMPONENTS - UNITS WITH WELDER DECKS (99904562) (EFF 12-15-08)						
	INSTALLATION KIT	93719799	93719800	93719801	93719802	93719803
	HOSE KIT	51719789	51719790	51719791	51719792	51719793
	APPLICATION	CRANE WITH WELDER DECK	CAS435HA COMP. WITH WELDER DECK	CAS3560 WITH WELDER DECK	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.

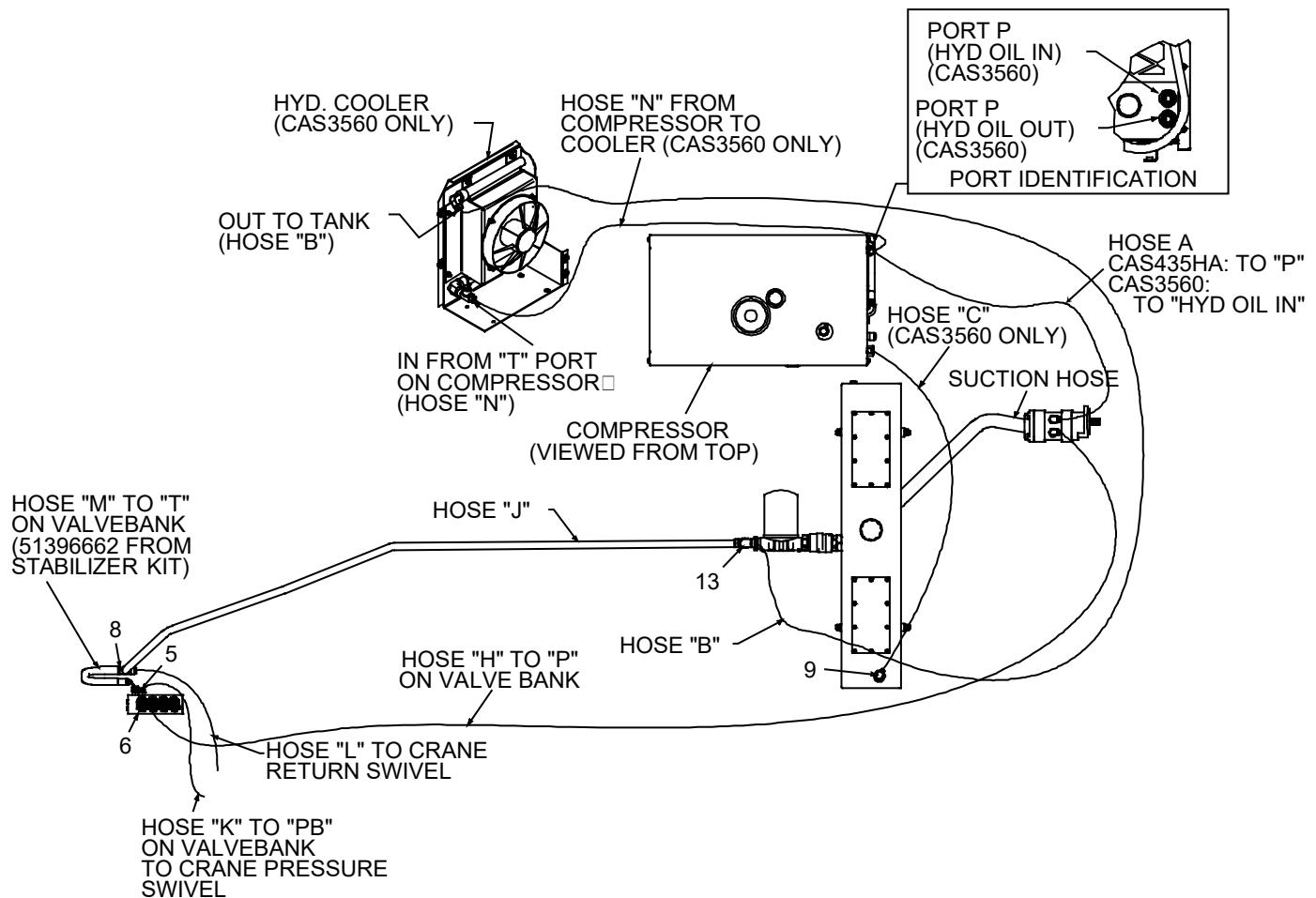
Hydraulic Reservoir (51721745) (Eff. 12-15-08)

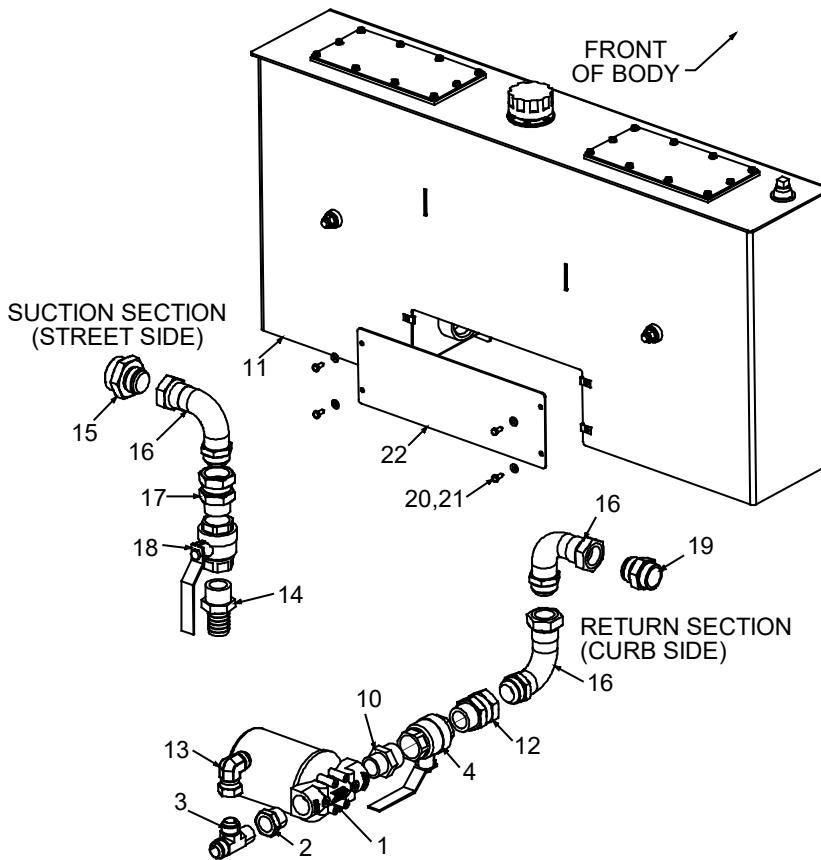


51721745 PARTS LIST

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			

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

99903766 PARTS LIST (THRU 12-15-08)

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)
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)

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
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) (1)	72053556 (1)	72531101 (1) (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.

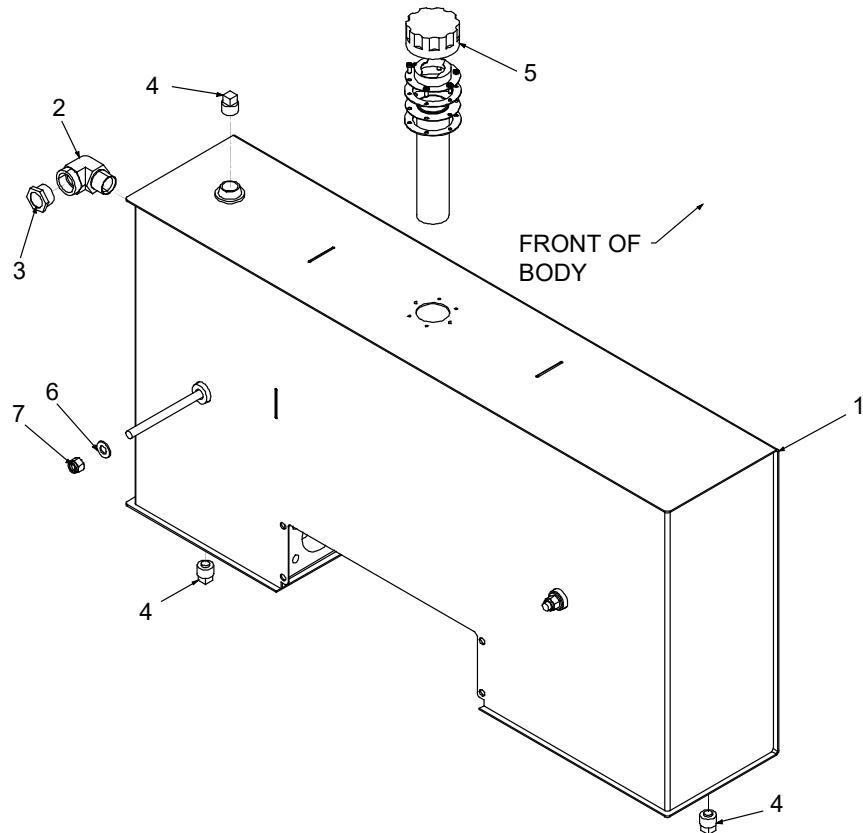
HYDRAULIC INSTALLATION COMPONENTS-UNITS WITHOUT WELDER DECKS (99903766) (THRU 12-15-08)								
	INSTALLATION KIT	93719794	93719795	93719796	93719878	93719797	93719880	93719798
	HOSE KIT	51719784	51719785	51719786	51719879	51719787	51719881	51719788
	APPLICATION	CRANE WITHOUT WELDER DECK	CAS435HA WITHOUT WELDER DECK	CAS3560 WITHOUT WELDER DECK	CR/CAS435 WITHOUT WELDER DECK D1 FORD AUTO	CRANE CAS435HA WITHOUT WELDER DECK FORD MANUAL	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)

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
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							
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)

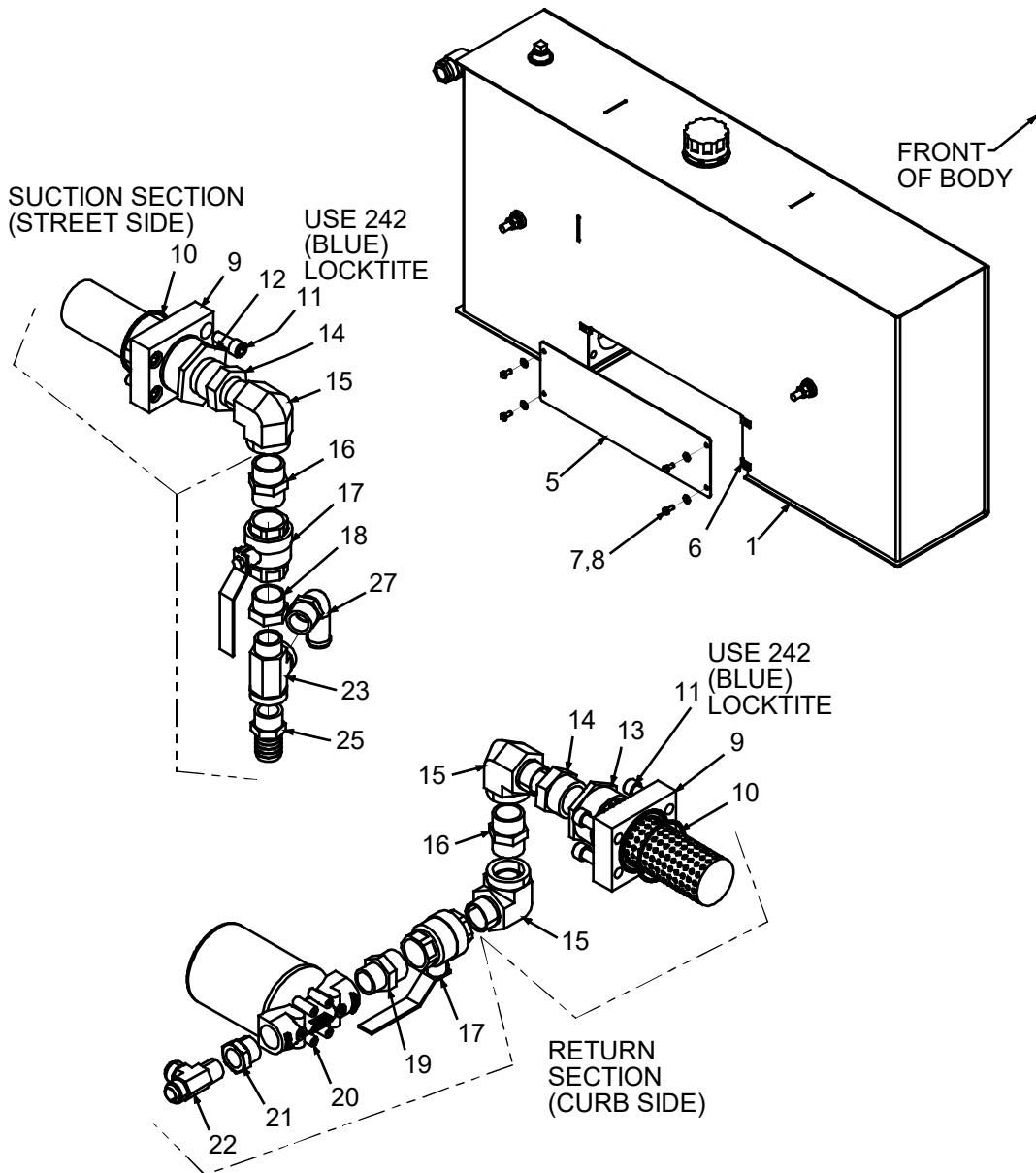


51719773 PARTS LIST

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/REFLCT	1
4.	73052001	PLUG-PIPE MAGNETIC .75NPT SQHD	3
5.	71412010	FILL-BREATHER 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:

- 4 SUB-ASSEMBLE GROUPS, DIVIDED AS SHOWN.
- 5 ASSEMBLE GROUPS TOGETHER.
- 6 INSTALL ASSEMBLY ONTO RESERVOIR.

NOTES:

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

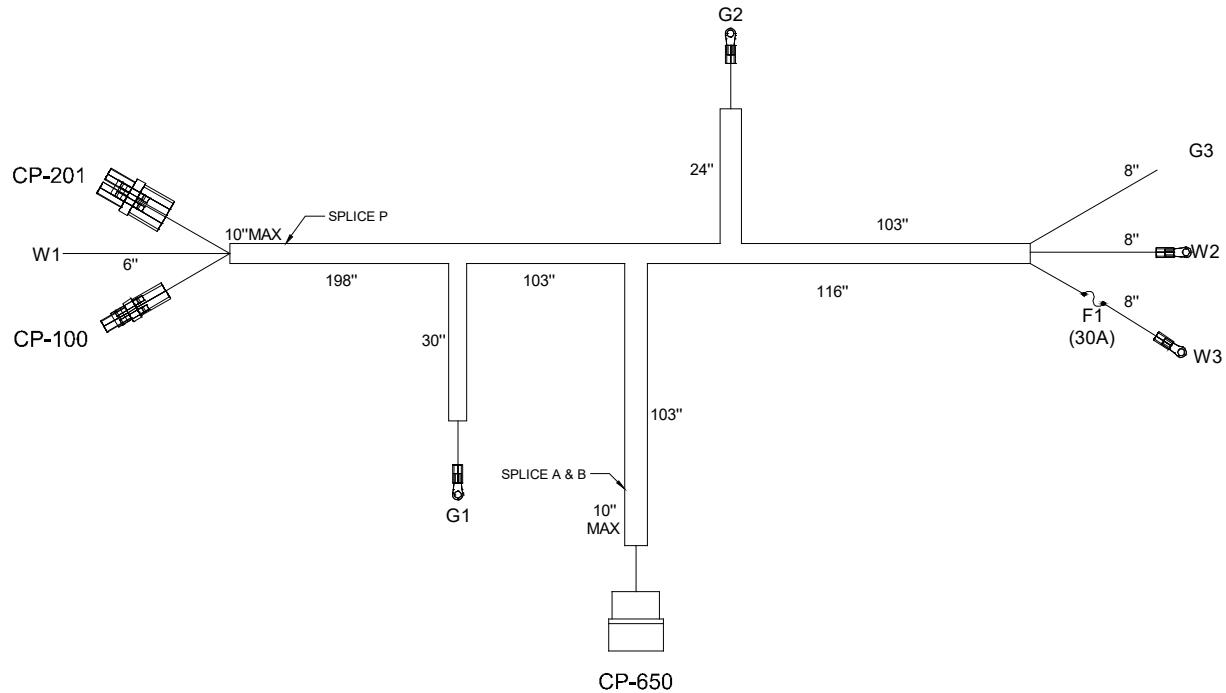
REFERENCE, HYD. RESERVOIR PLUMBING (99903766) (Thru 2006)			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51719773	RESERVOIR ASSEMBLY	1
5.	60129218	GUARD-HYD RESERVOIR	1
6.	72062301	NUT-TINNERMAN 1/4-20UNC	4
7.	72063001	WASHER .25 FLAT	4
8.	72060001	CAP SCR .25-20X .62 HH GR5 Z	4
9.	60129212	BLOCK - HYD RESERVOIR 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.

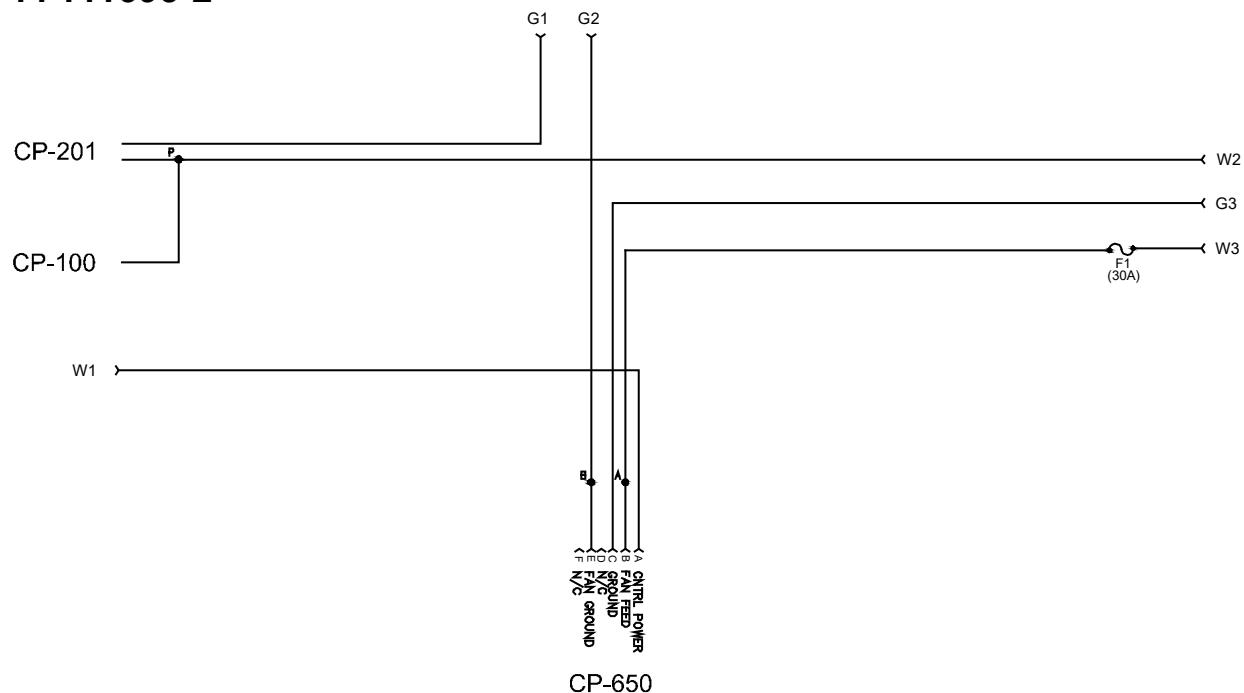
REV B 20060405

Harness - Hydraulic Compress (77441595)

Effective 4-3-2015



77441695-2



77441595-3

LOCATOR CODE: CP-650			DEUTSCH HD16-6-12S-B010		
TERM: 0462-203-12141			PLUG:114017		
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC CAVITY
A	WHT	12	CNTRL PWR	TO	W1 -
B	RED	12	FAN FEED	TO	SPL A -
C	BLK	12	GROUND	TO	G3 -
D	-	-	-	TO	-
E	BLK	12	FAN GROUND	TO	SPL B -
F	-	-	-	TO	-

LOCATOR CODE: G1			TERMINAL RING - 1/4		
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC CAVITY
-	BLK	12	GROUND	TO	CP-201 A

LOCATOR CODE: G2			TERMINAL RING - 1/4		
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC CAVITY
-	BLK	10	FAN GROUND	TO	SPL B -

LOCATOR CODE: G3			BLUNT - SCORE//"		
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC CAVITY
-	BLK	12	GROUND	TO	CP-650 C

SPLICE A					
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC CAVITY
-	RED	12	FAN FEED	TO	CP-650 B
-	RED	10	FAN FEED	TO	F1 -

SPLICE B					
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC CAVITY
-	BLK	12	GROUND	TO	CP-650 E
-	BLK	10	GROUND	TO	G2 -

SPLICE P					
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC CAVITY
-	RED	12	POWER	TO	CP-201 B
-	RED	12	POWER	TO	CP-100 A
-	RED	6	POWER	TO	W2 -

SPLICE F1			COLE HERSEE FHJC1001G		
FUSE: WAYTEK 46591					
CAVITY	COLOR	GA.	PRINT LABEL	TO	CON-SPLC CAVITY
-	RED	10	FAN FEED	TO	SPL A -
-	RED	12	FAN FEED	TO	W3 -

NOTES:

1. UNLESS OTHERWISE NOTED, BRAIDING STOPS 3" FROM BACK OF CONNECTOR.
2. ALL DIMENSIONS ARE FROM MATING END OF CONNECTOR TO BREAKOUT POINT IN HARNESS.
3. ALL WIRE TO BE GXL.
4. ORIENT CONNECTORS AS SHOWN.
5. APPLY HEAT SHRINK TO ALL RING TERM CONNECTORS.

PROTECTIVE LOOM DETAIL

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

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

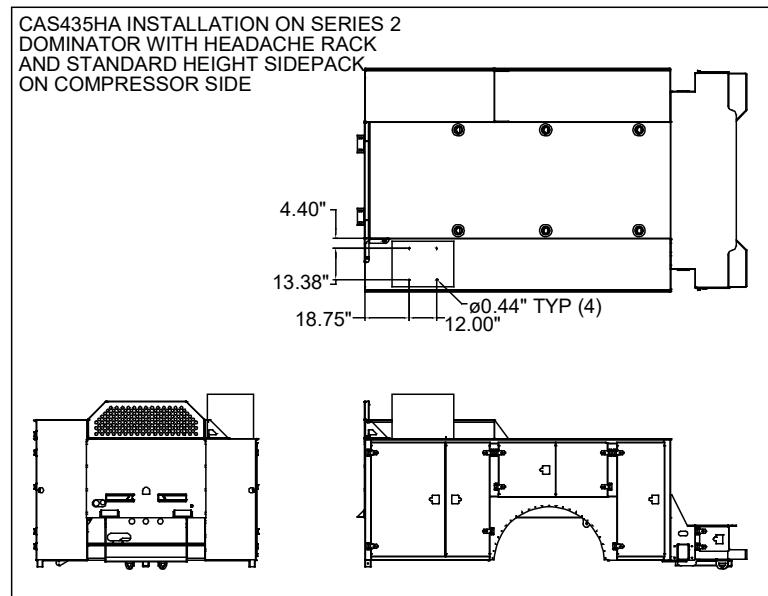
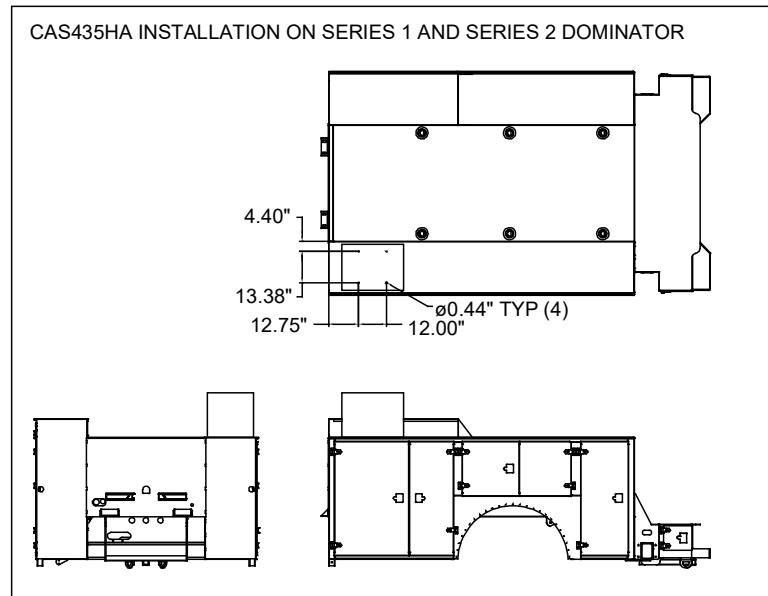


Top View

Mounted IMT underhood electrical bracket.

Compressor Mounting Locations (99903712)

CAS435HA Compressor Mounting Locations

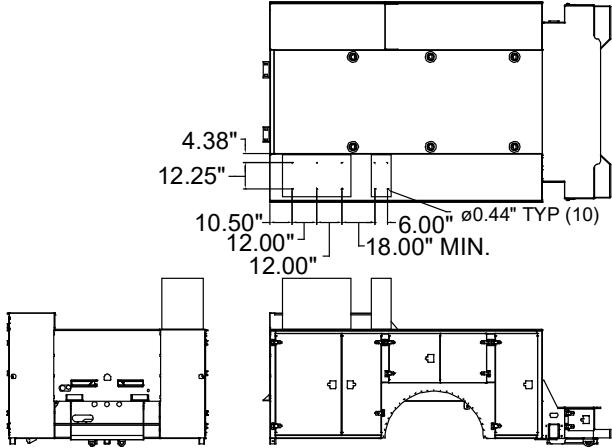


NOTE:

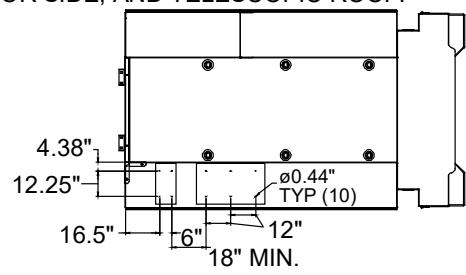
When installing a compressor, maintain a minimum clearance of 8" on each end of the compressor. If installing a compressor with a hydraulic aftercooler, maintain a minimum space of 10" between the compressor and aftercooler, while still maintaining the 8" of clearance on each end of the compressor-cooler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

CAS2545 & CAS3560 Compressor Mounting Locations

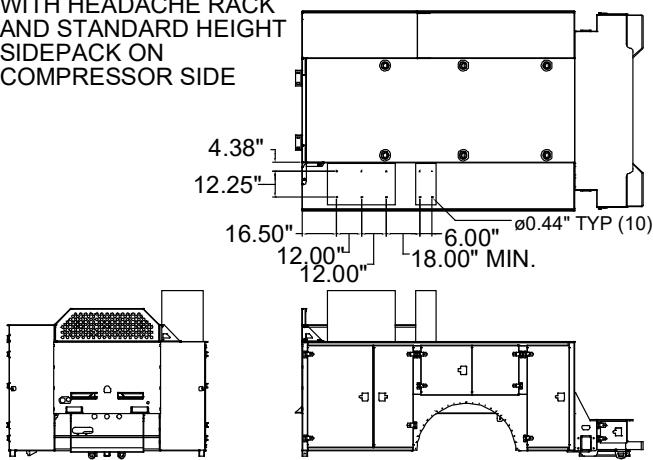
CAS3560 & CAS2545 INSTALLATION ON SERIES 1 AND SERIES 2 DOMINATORS



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



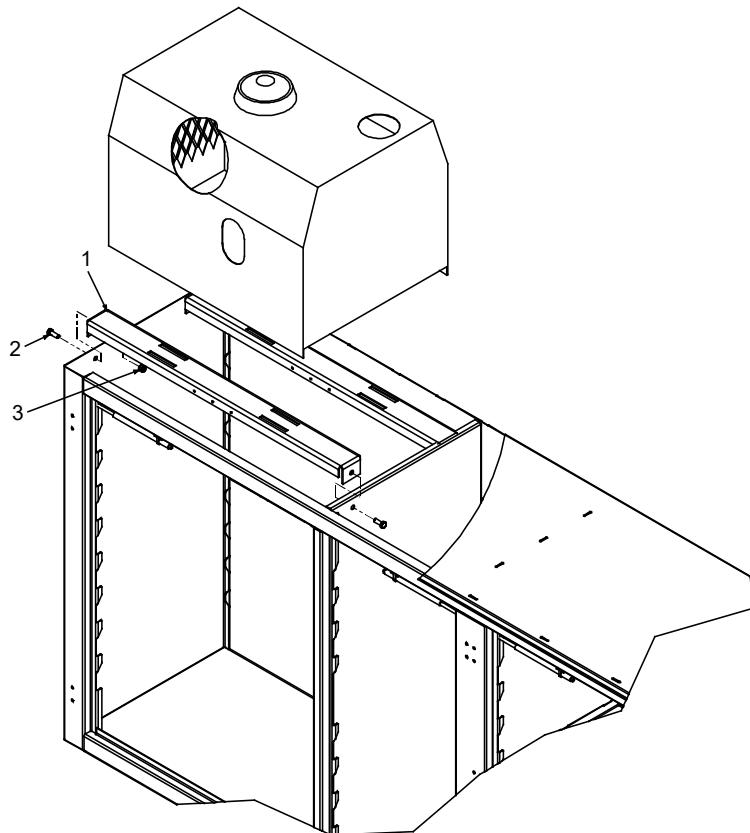
CAS3560 & CAS2545 INSTALLATION ON SERIES 2 DOM WITH HEADACHE RACK AND STANDARD HEIGHT SIDEPACK ON COMPRESSOR SIDE



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.

Compressor Reinforcement (99904278)



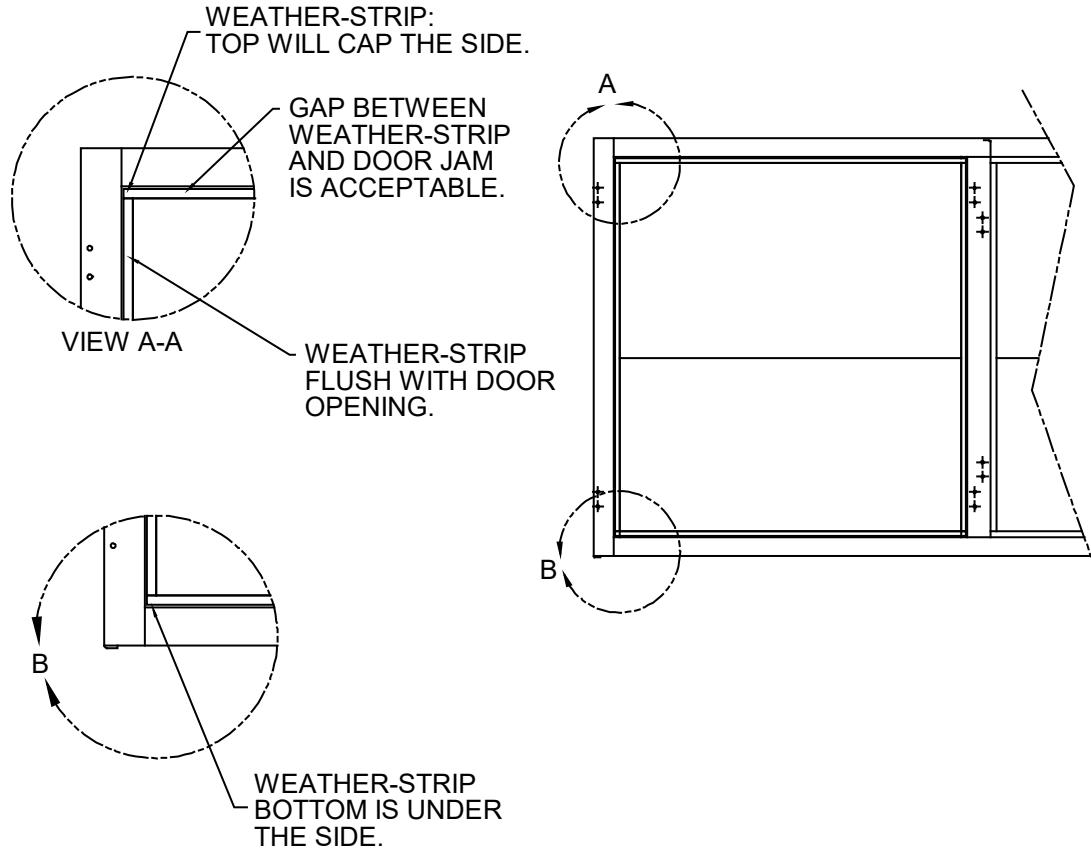
INSTRUCTIONS:

- 1 MARK AND DRILL COMPRESSOR HOLES IN TOP PLATE, USING COMPRESSOR MOUNTING LOCATIONS DRAWING 99903712.
- 2 ALIGN BRACES (ITEM #1) WITH HOLES FOR COMPRESSOR. KEEP BRACES TIGHT AGAINST TOP PANEL.
- 3 MARK AND DRILL $\varnothing 0.44"$ HOLES IN WALLS OF SIDEPACK, USING BRACES AS REFERENCE.
- 4 MOUNT BRACE USING 3/8" HARDWARE.
- 5 DRILL VERTICAL $\varnothing 0.44"$ HOLES IN BRACES, USING TOP PLATE AS TEMPLATE.
- 6 MOUNT COMPRESSOR USING SUPPLIED HARDWARE.

99904278 PARTS LIST

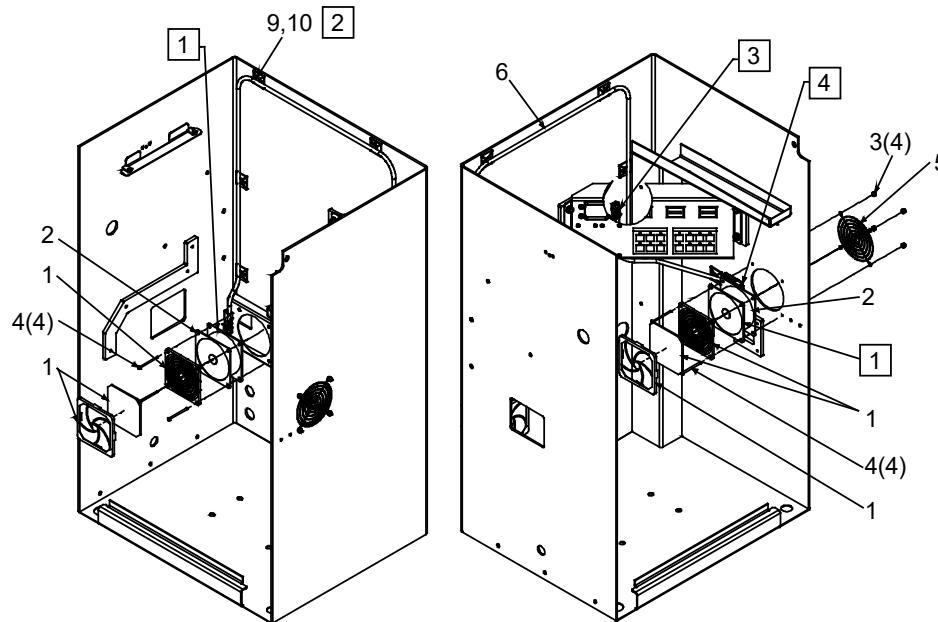
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60131849	COMPRESSOR BRACE, 11" DSC	A/R
1.	60131850	COMPRESSOR BRACE, 9' DSC	A/R
2.	72060046	CAP SCR 3/8-16 X 1 HHGR5Z	4
3.	72062103	NUT 3/8-16 HEX NYLOC	4
NEW 20070810			

Weather-Strip Installation (99904256)



Installation Kit, Compartment Pressure Fan (99905252)

REFERENCE KIT 51719186



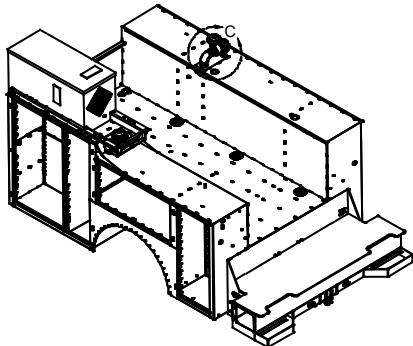
NOTES (SEE REFERENCE NUMBER IN BOX):

- 1 AIR FLOW DIRECTION IS OUT OF CRANE COMPARTMENT.
- 2 AS REQUIRED.
- 3 WIRE HARNESS 77441135 CONNECTS TO THE HARNESS ON THE BACK OF THE ELECTRICAL PANEL.
- 4 TERMINATE FAN WIRING WITH ITEMS #7, 8, 11. BLACK WIRE TO CAVITY A. RED WIRE TO CAVITY B.

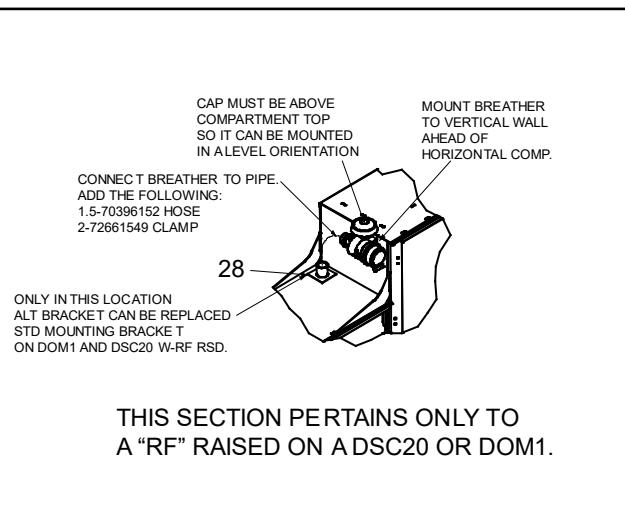
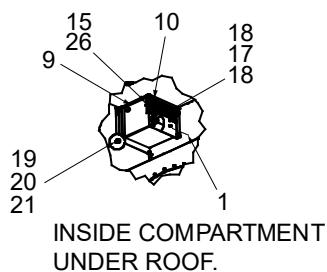
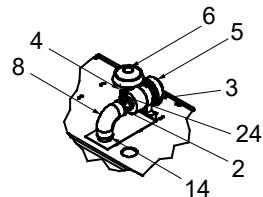
99905252 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	70144323	GUARD-FILTER		2
2.	77042080	FAN	12V AXIAL	2
3.	72062207	NUT	8-32 HEX NYLOCK	4
4.	72601676	SCREW-MACHINERY	#8-32 X 2.5 RDH	8
5.	70144322	GUARD-CHROME WIRE		1
6.	77441135	HARNESS-COMPARTMENT FAN		1
7.	77044552	TERMINAL	PACKARD WP 18-20 GA MALE	4
8.	77044573	CONNECTOR	PACKARD WP 2-CAVITY MALE	2
9.	77045927	RETAINER-ZIP TIE		6
10.	70034060	ZIP TIES		6
11.	70394069	SEAL	GREEN	4
REV A 20110706				

Air Blower Kit (99905552)



DETAIL C
SCALE 0.14 : 1



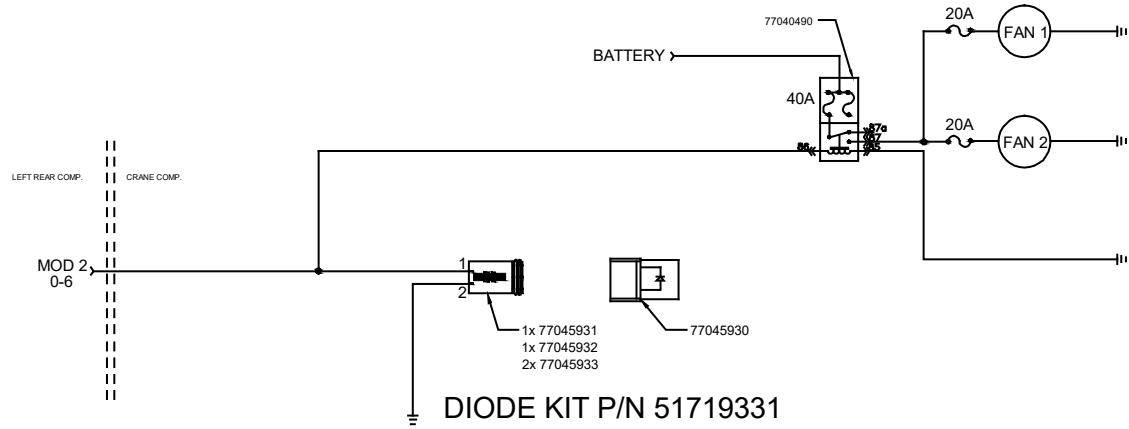
99905552 PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	77441366	FAN-SQUIRREL SPAL DOM COMPT PRESS	2
2	76396153	INSERT-RUBBER AIR FILTER 2.5 X 1.75	3
3	70048216	BAND-AIR FILTER 4.8	3
4	70048222	INDICATOR-AIR FILTER	2
5	70048215	FILTER-AIR ASSY	3
6	70048223	CAP-AIR FILTER 4.8	3
8	76399428	ELBOW-RUBBER 2.50	2
9	52723500	SHROUD-COMPT BLOWER	2
10	60140390	GUARD-FAN	2
14	72661549	CLAMP-DUCT 2.5"	5
15	72601652	SCR-MACH .25-20X .75TRHTORXSS	4
17	72062207	NUT 8-32 HEX NYLOCK	16

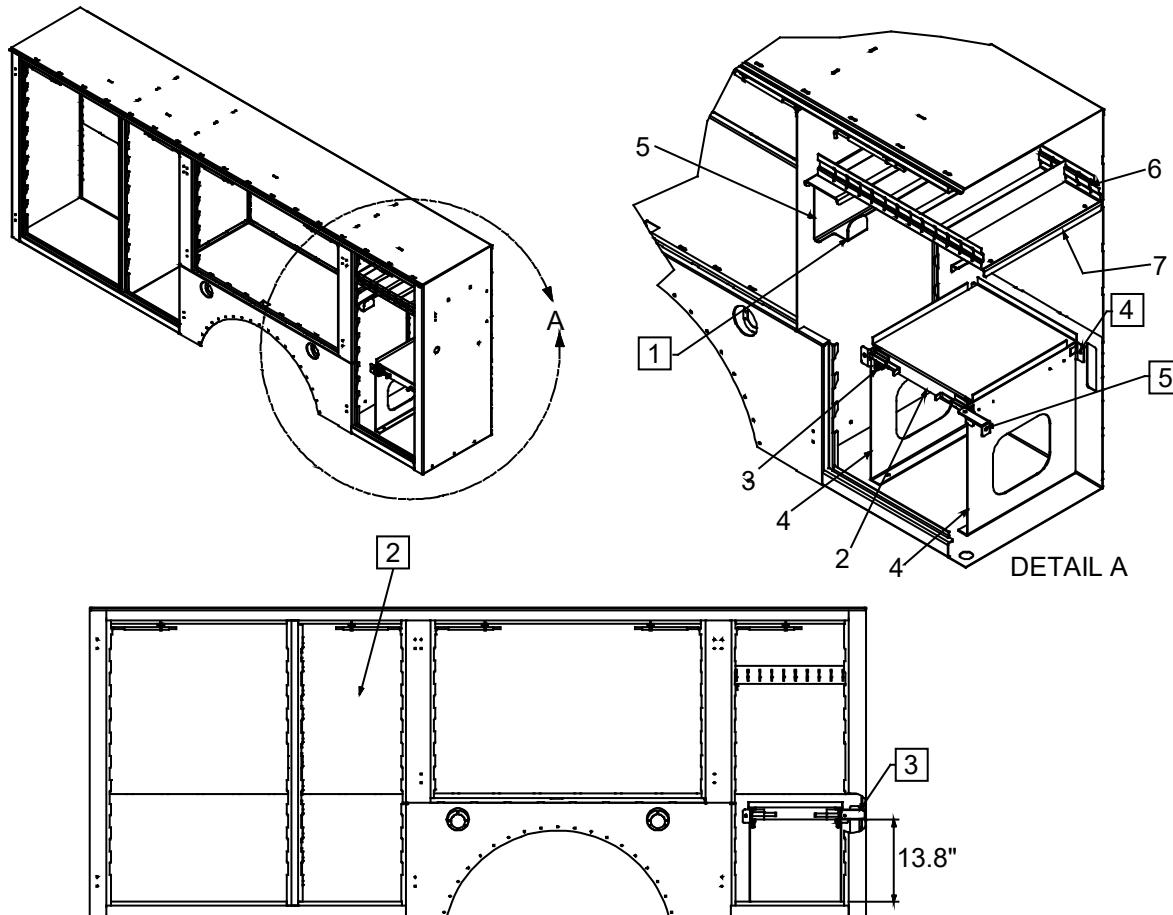
99905552 PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
18	72602011	SCR-MACH # 8-32X .62 BTNHD ZC	16
19	72060002	CAP SCR .25-20X .75 HH GR5 Z	8
20	72063001	WASHER .25 FLAT	16
21	72062104	NUT .25-20 HEX NYLOCK	8
24	72053000	NIPPLE-PIPE BLK .12X CLOSE	2
26	72063049	WASHER .25 LOCK	4
28	52726467	PLATE-WLDMT BREATHER MTG	1
REV. J 20160620			

Blower Fan Installation (99905928)



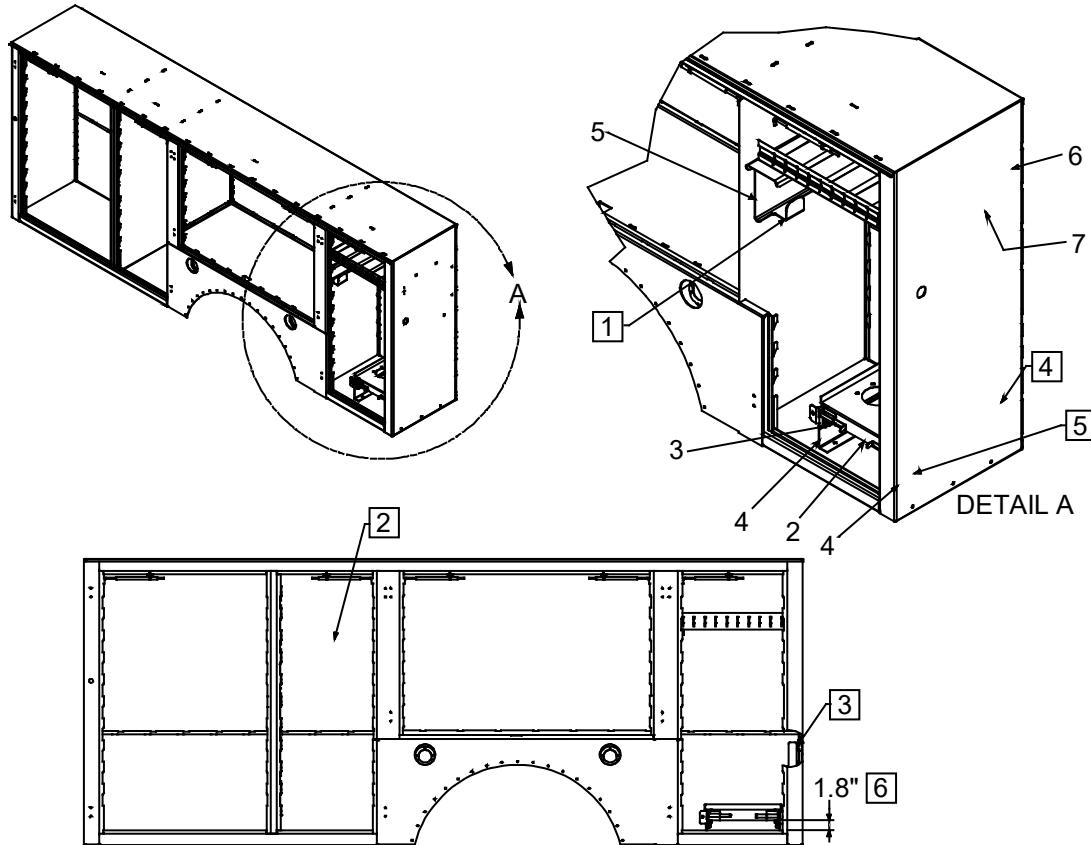
Hydraulic Crimping Option (99904692)

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

- 1 HOOK FEATURE
- 2 WHEN TRAY IS IN THE LV2 COMPARTMENT, BRACKET # 60135570 IS MOUNTED VERTICALLY BETWEEN THE TRAY AND THE REARWARD COMPARTMENT WALL.
- 3 BRACKET WILL SET SIDE-TO-SIDE DISTANCE FOR TRAY.
- 4 BOLT-THRU BACK WALL (TYPICAL 2)
- 5 BOLT BRACKET TO TRAY AND REAR WALL.
- 6 THE PUMP WILL REST ON THE FLOOR OF THE COMPARTMENT. THE ROLLOUT TRAY IS USED TO CREATE A WORK SURFACE AND IS TO TRAVEL OVER THE PUMP. AT THE TOP OF THE SIDE-PACK COMPARTMENT, THERE WILL BE A 3" HIGH DIVIDED SHELF FOR CRIMPING DIES. THIS SHELF IS TO BE INSTALLED HIGH IN THE COMPARTMENT. SUPPLY 14" MINIMUM BETWEEN THE BOTTOM OF THE ROLLOUT TRAY AND THE FLOOR OF THE COMPARTMENT, AS THE ROLLOUT TRAY MUST TRAVEL OVER THE HYDRAULIC CRIMPING TOOL PUMP. ONE OF THE DIVIDED SHELF ENDS WILL SUPPLY 2 HOOKS FOR CUSTOMER HOSES.

99904692 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	99904635	SIDEPACK - DOMCS	1
2.	52713999	PANEL-TRAY 16.75X 15.75W	1
3.	70731440	DRAWER SLIDE-16in LG (3.00in H)	2
4.	60134552	MOUNTING BRACKET, ROLLOUT TRAY	2
5.	60134553	SHELF END 5.25" W-HOSE HOOKS	1
6.	60126409	SHELF 3" WITH DIVIDERS, 26"	1
7.	60126697	SHELF END	1
8.	60251115	DIVIDER-DRAWER ALUM 2.88 X 18.75	5
9.	60135570	BRACKET-CRIMPING TRAY	1
REV. A 20100520			

Hydraulic Crimping Option, Low Profile Body (99905019)



NOTES (SEE REFERENCE NUMBER IN BOX):

- 1 HOOK FEATURE
- 2 WHEN TRAY IS IN THE LV2 COMPARTMENT, BRACKET # 60135570 IS MOUNTED VERTICALLY BETWEEN THE TRAY AND THE REARWARD COMPARTMENT WALL.
- 3 BRACKET WILL SET SIDE-TO-SIDE DISTANCE FOR TRAY.
- 4 BOLT-THRU BACK WALL (TYPICAL 2)
- 5 BOLT BRACKET TO TRAY AND REAR WALL.
- 6 OFFSET TRAY TO THE RIGHT HAND SIDE OF THE DOOR OPENING, AS CLOSE TO THE DOOR JAM AS POSSIBLE.
- 7 THE PUMP WILL REST ON THE ROLLOUT TRAY, WHICH WILL ALLOW THE HOSE THAT IS CRIMPED TO BE INSERTED FROM UNDER THE TRAY AND INTO THE CRIMPING TOOL. AT THE TOP OF THE SIDEPACK COMPARTMENT, THERE WILL BE A 3" HIGH DIVIDED SHELF FOR CRIMPING DIES. THIS SHELF SHOULD BE INSTALLED HIGH IN THE COMPARTMENT. ONE OF THE DIVIDED SHELF ENDS INCLUDES 2 HOOKS FOR CUSTOMER HOSES.

99905019 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	99904365	SIDEPACK, DOM CS, DOM1 LH 52" H	1
2.	52723606	PANEL-TRAY	1
3.	70731440	DRAWER SLIDE	2
4.	60136247	MOUNTING BRACKET, ROLLOUT TRAY	2
5.	60134553	SHELF END 5.25" WITH HOSE HOOKS	1
6.	60126409	SHELF 3" WITH DIVIDERS	1
7.	60126697	SHELF END	1
8.	60251115	DIVIDER-DRAWER	5
9.	60135570	BRACKET-CRIMPING TRAY	1
REV A 20101220			

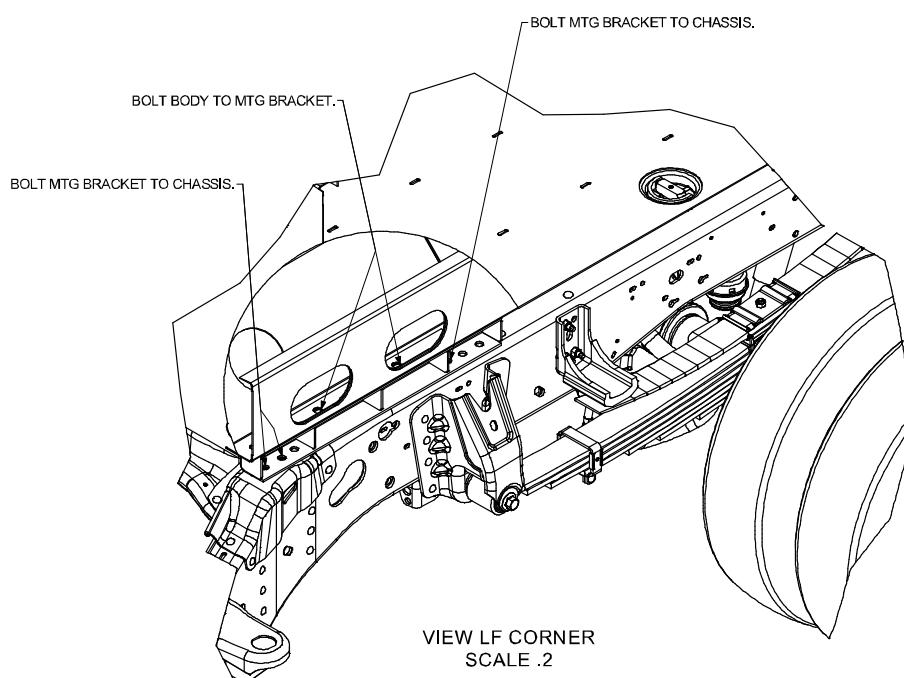
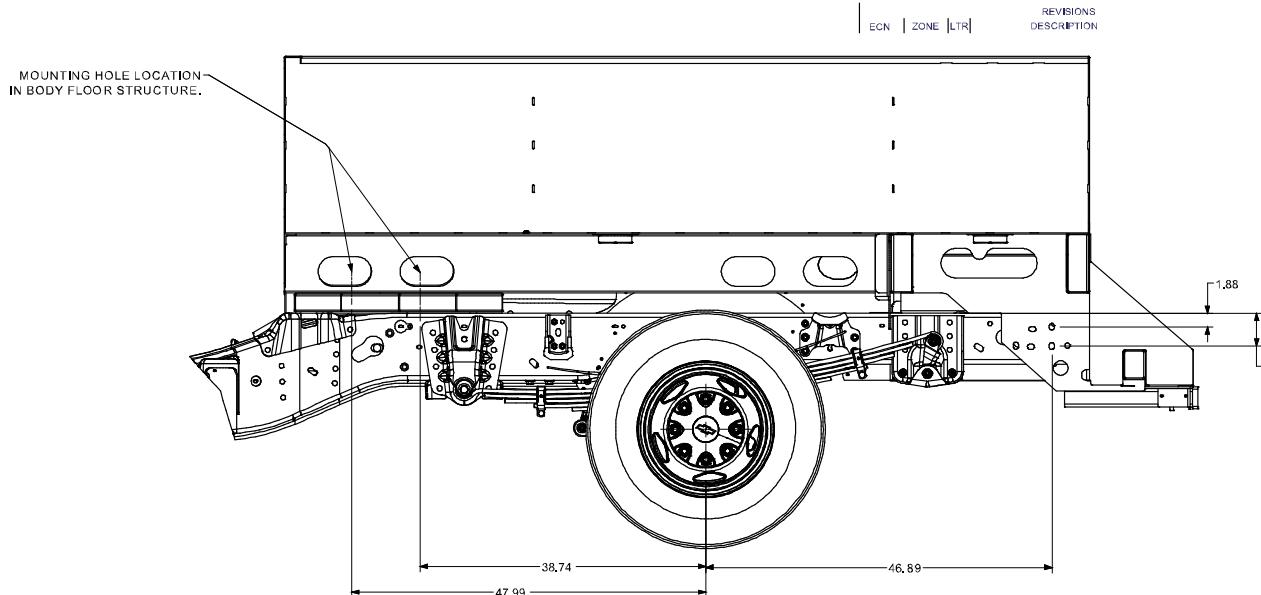
CHAPTER 3

Chassis Installation

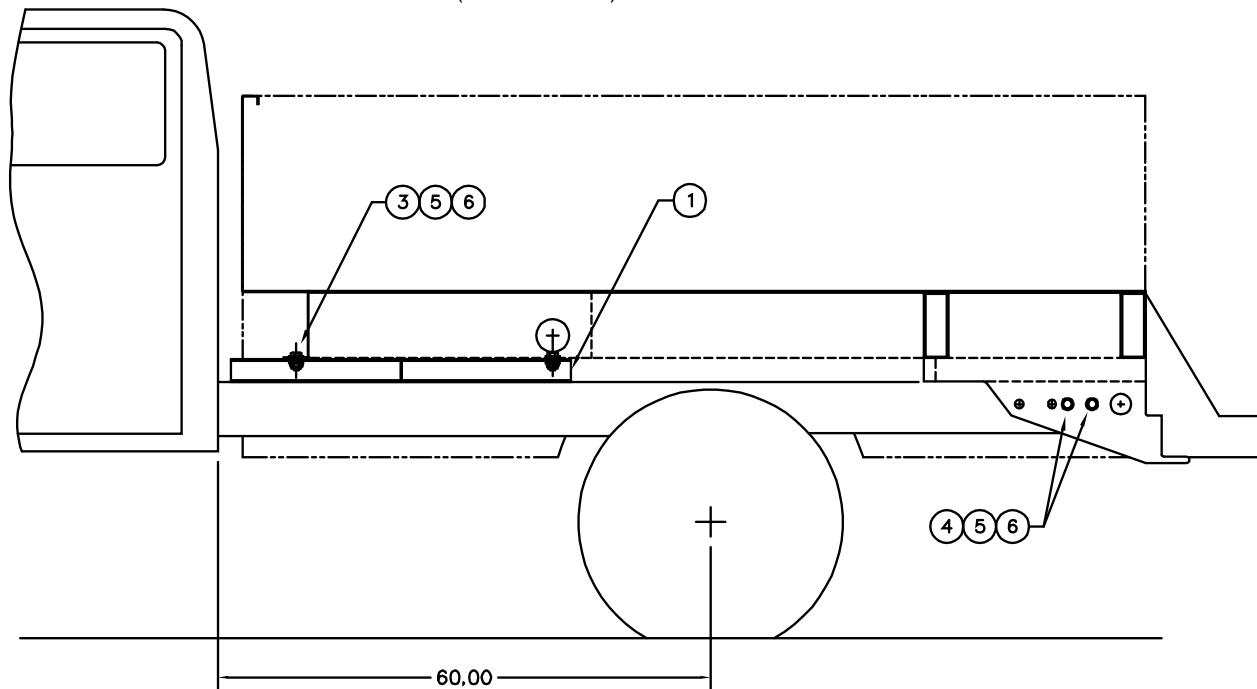
In This Chapter

Installation Kit- 9' Body - Ford (93714834).....	73
Installation Kit - 11' Body- Ford 15,000 & 17,500 GVW (93714835)	86
Installation Kit- 11' Body - Ford 19,000 GVW (93716276).....	87
Installation Kit - Selector Valve - Ford Automatic Transmissions (99904080) ..	88
Installation Kit, Hydraulic, Ford 4x2 MY2011 (99904994)	89
Installation, DEF Tank Hoses on 2011 Ford F550 (99904938)	91
PTO Wiring Installation-2006 to Present (99904085).....	92
PTO Wiring Installation Through 2005 (99903409).....	97
PTO/Pump Rotation Guide (99904279).....	102

Installation Kit - GM 9' 2001-2017 (99906194)



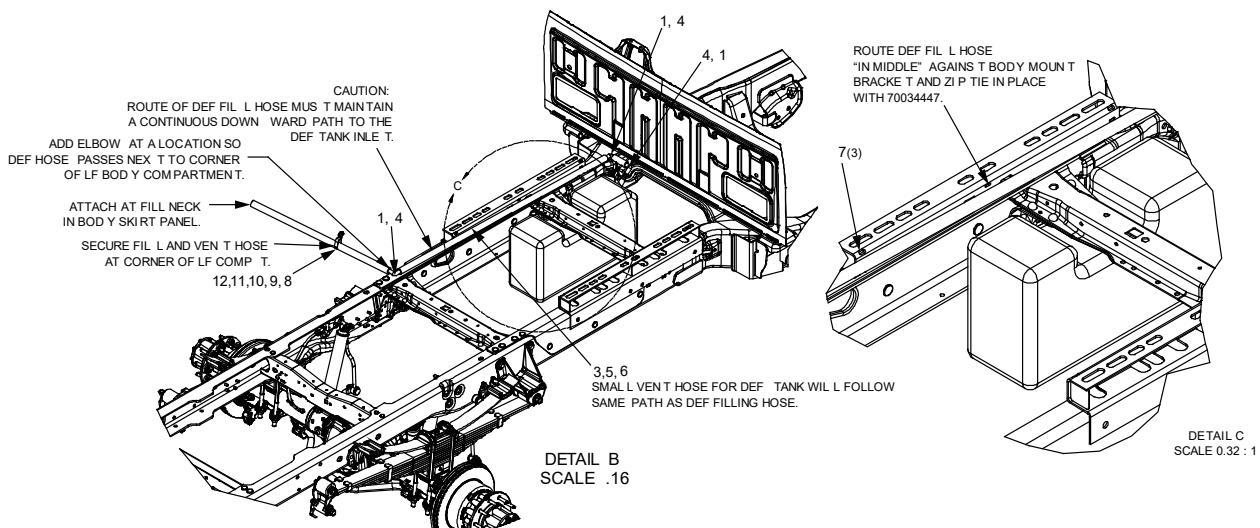
Installation Kit - GM 9' (93711357)



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	99906194	DWG-INSTL DOM1-9 ON GM 3500HD 60CA	REF
2.	52727194	BRACKET-BODY MTG FRT 60CA GM 2017	REF-2
3.	72060149	CAP SCR .62-11 X 1.50 HH GR5	4
4.	72060150	CAP SCR .62-11 X 1.75 HH GR5	8
5.	72063007	WASHER .62 WRT	28
6.	72062091	NUT .62-11 LOCK	12
7.	76039117	MUD FLAP NOT SHOWN NOT SHOWN	2
8.	72060025	CAP SCR .31-18 X 1.00 HH GR5 FOR MUD FLAP	6
9.	72063078	WASHER .31 X 1.62 OD WRT FOR MUD FLAP	6
10.	72063002	WASHER .31 WRT FOR MUD FLAP	6
11.	72062109	NUT .31-18 LOCK FOR MUD FLAP	6
12.	77044479	HARNESS-4 WAY CONN GM/FORD NOT SHOWN	1
REV. C CN592			

Body Installation, 2017 Ford Def Fill (99906093)

NOTE: THESE DRAWINGS ARE USED SPECIFICALLY ON CONFIGURATIONS PERTAINING TO THE 2017 FORD SUPER DUTY CHASSIS.

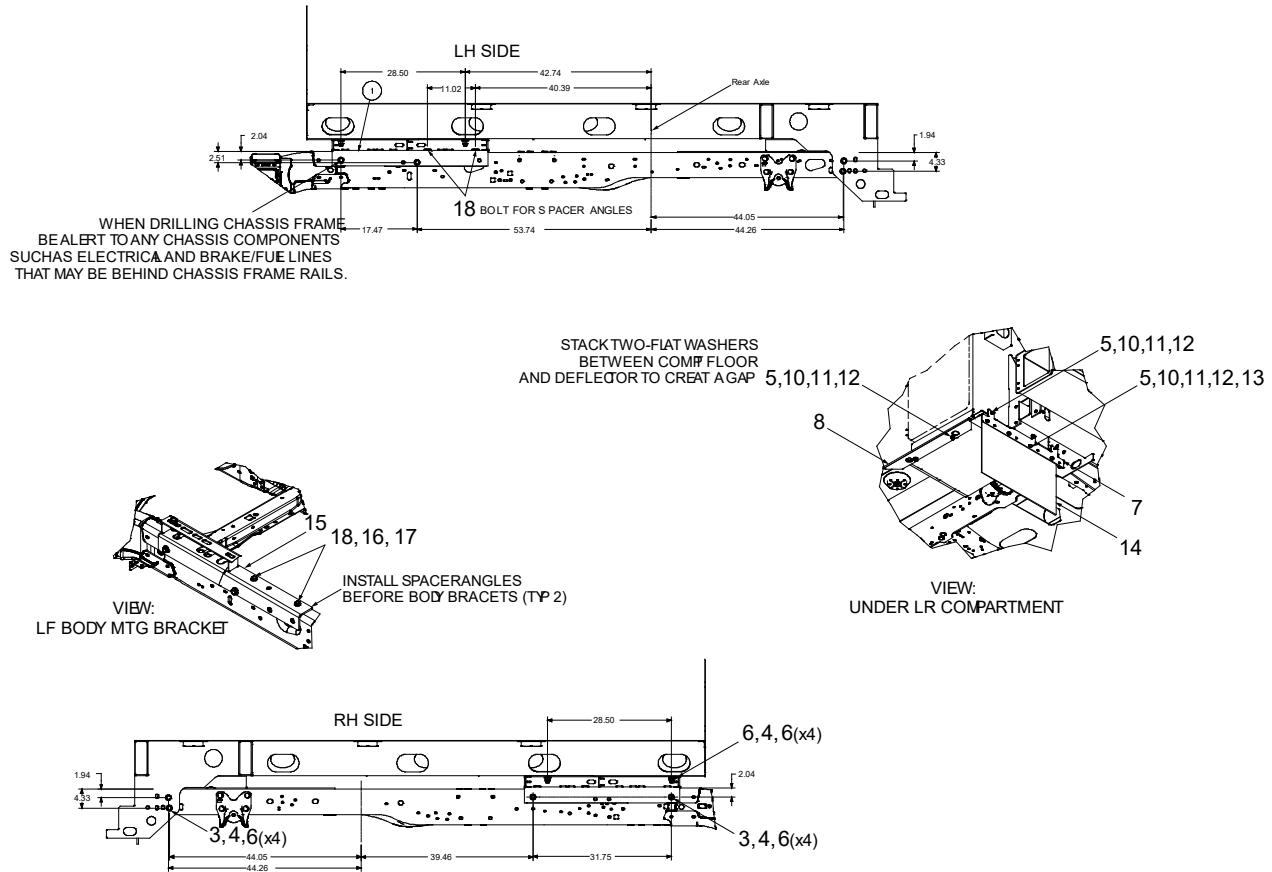


99906093 Complete Parts List			
Item	Part No.	Description	Qty
1	70034516	ELBOW-BARB/90/BARB .75 .75 POLY	3
2	89399977	HOSE-DEF .88 ID POLY	7
3	89399976	HOSE-DEF .44 ID POLY	7
4	72066000	CLAMP-HOSE .50-1.25 SAE #12	7
5	72066003	CLAMP-HOSE .44-1.00 SAE #8	4
6	70034519	NIPPLE-BARB NYL .38/.38 STRAIT	2
7	70034447	TIES-PLASTIC .25W 11.38L BLACK	3
8	72066587	CLAMP-LOOP 3 TUBES CUSHIONED	1
9	72063001	WASHER .25 FLAT	1
10	72060002	CAP SCR .25-20X .75 HH GR5 Z	1
11	76392820	WASHER-BONDED .25 PLTD	1
12	72062104	NUT .25-20 HEX NYLOCK	1

New: 20160921

Body Installation, Ford 2017 11' – 18k (99906095)

NOTE: THESE DRAWINGS ARE USED SPECIFICALLY ON CONFIGURATIONS PERTAINING TO THE **2017 FORD SUPER DUTY CHASSIS**.

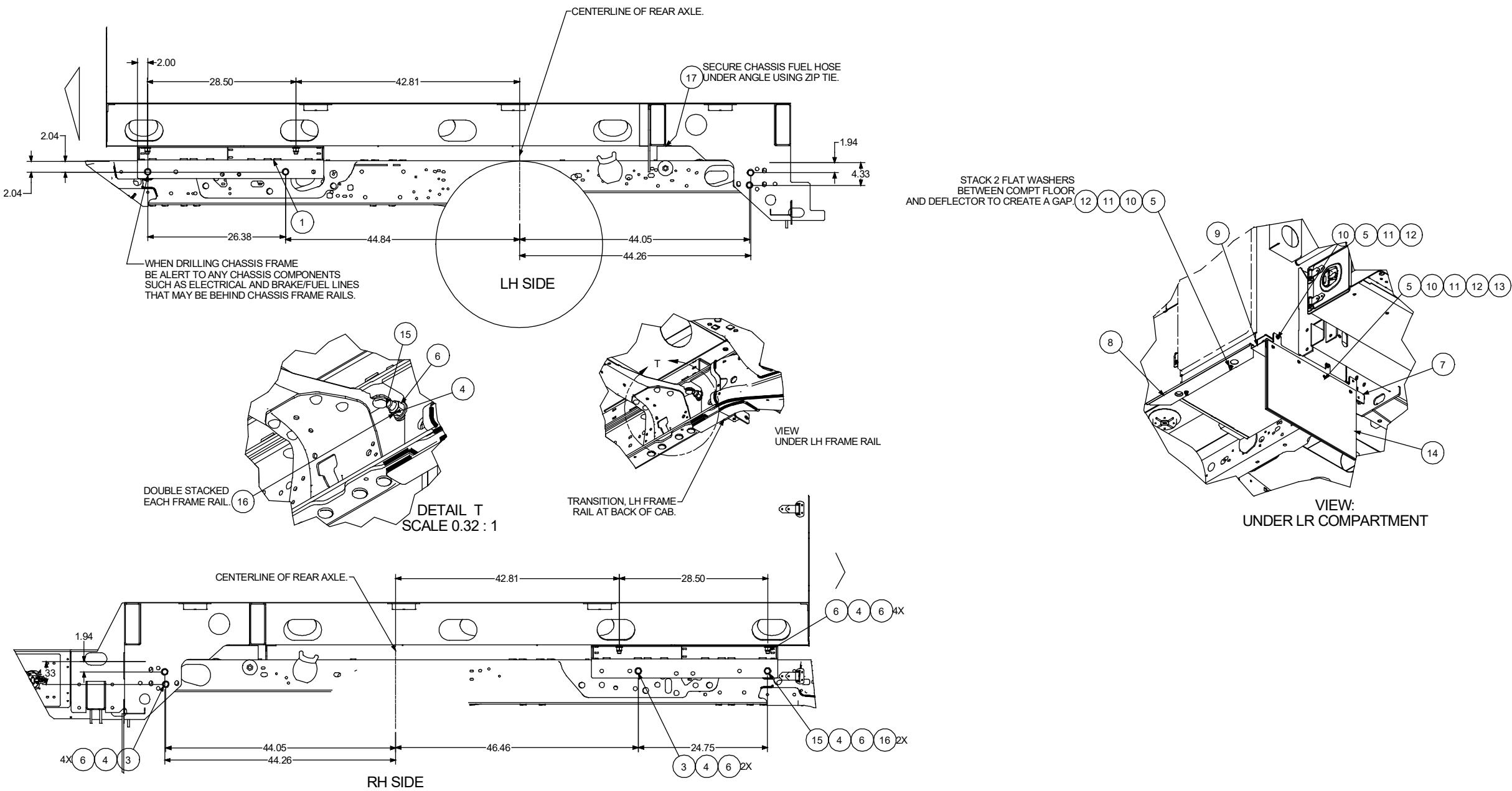


99906095 Complete Parts List

Item	Part No.	Description	Qty
1	52726969	BRACKET-BODY FRT DOM1 84CA 19000 GVW	2
2	60122777	SHIM-BODY MTG REAR DOM/PRED F550 19000 G	4
3	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	10
4	72063119	WASHER .62 FLAT ASTM F436	24
5	72063002	WASHER .31 FLAT	26
6	72601859	NUT .62-11 HEX GR8 YZ NYLOCK	12
7	60131361	BRACKET-MUD FLAP DOM1 FORD 6.4L	2
8	60131565	BRACKET-MUD FLAP DOM1 SIDE PROTECTOR	2

99906095 Complete Parts List			
Item	Part No.	Description	Qty
9	60120705	MTG BRKT-WIRE HARNESS	2
10	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	18
11	76392598	WASHER-BONDED .31 PLTD	10
12	72062109	NUT .31-18 HEX NYLOCK	18
13	72063078	WASHER .31X1.50 OD ZINC	8
14	76393799	MUD FLAP W/IMT LOGO 16H X 24W	2
15	60144599	SHIM-BODY MTG FRT DOM F550 18K 2017	2
16	72063005	WASHER .50 FLAT	8
17	72062080	NUT .50-13 HEX NYLOCK	4
18	72060093	CAP SCR .50-13X 1.50 HH GR5 Z	4
19	60144644	SPACER-WASHER 2017 FORD	4
20	72601482	CAP SCR .62-11X 2.50 HH GR8 Z	2
NEW: 20160921			

Body Installation, Ford 2017 11' – 19.5k (99906096) EFFECTIVE: 3-19-2019



99906096 PARTS LIST

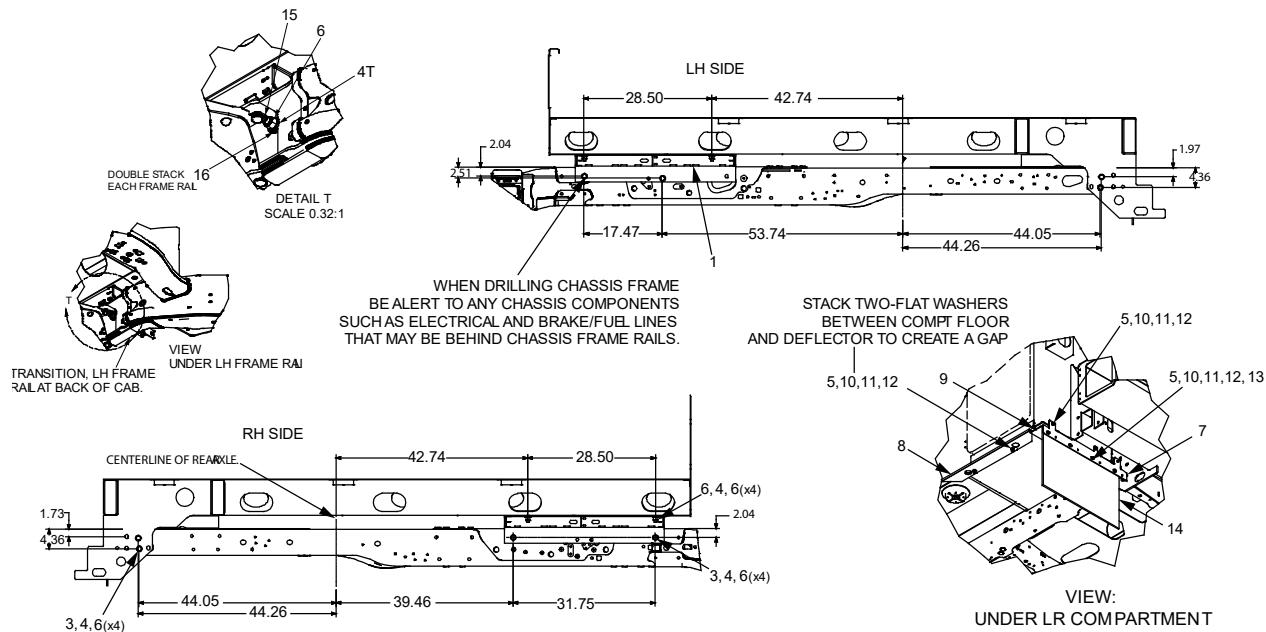
Item #	Part #	Description	Qty.
1.	52726969	BRACKET-BODY FRT DOM1 84CA 19000 GVW	2
2.	60122777	SHIM-BODY MTG REAR DOM/PRED F550 19000 G	4
3.	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	10
4.	72063119	WASHER .62 FLAT ASTM F436	24
5.	72063002	WASHER .31 FLAT	26
6.	72601859	NUT .62-11 HEX GR8 YZ NYLOCK	12
7.	60131361	BRACKET-MUD FLAP DOM1 FORD 6.4L	2
8.	60131565	BRACKET-MUD FLAP DOM1 SIDE PROTECTOR	2
9.	60120705	MTG BRKT-WIRE HARNESS	2
10.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	18
11.	76392598	WASHER-BONDED .31 PLTD	10
12.	72062109	NUT .31-18 HEX NYLOCK	18
13.	72063078	WASHER .31X1.50 OD ZINC	8
14.	76393799	MUD FLAP W/IMT LOGO 16H X 24W	2
15.	72601482	CAP SCR .62-11X 2.50 HH GR8 Z	2
16.	60144644	SPACER-WASHER 2017 FORD	4
17.	60133028	BRKT- ZIP TIE P-MOUNT BASE	REF

REV B 20190319

NOTE: ZIPTIE FUEL LINES UNDER THE WELDED ANGLE ON LEFT SIDE OF FLOOR TUBE.THESE DRAWINGS ARE USED SPECIFICALLY ON CONFIGURATIONS PERTAINING TO
THE 2017 OR NEWER FORD SUPER DUTY CHASSIS.

Body Installation, Ford 2017 11' – 19.5k (99906096)

NOTE: THESE DRAWINGS ARE USED SPECIFICALLY ON CONFIGURATIONS PERTAINING TO THE 2017 FORD SUPER DUTY CHASSIS.



99906096 Complete Parts List

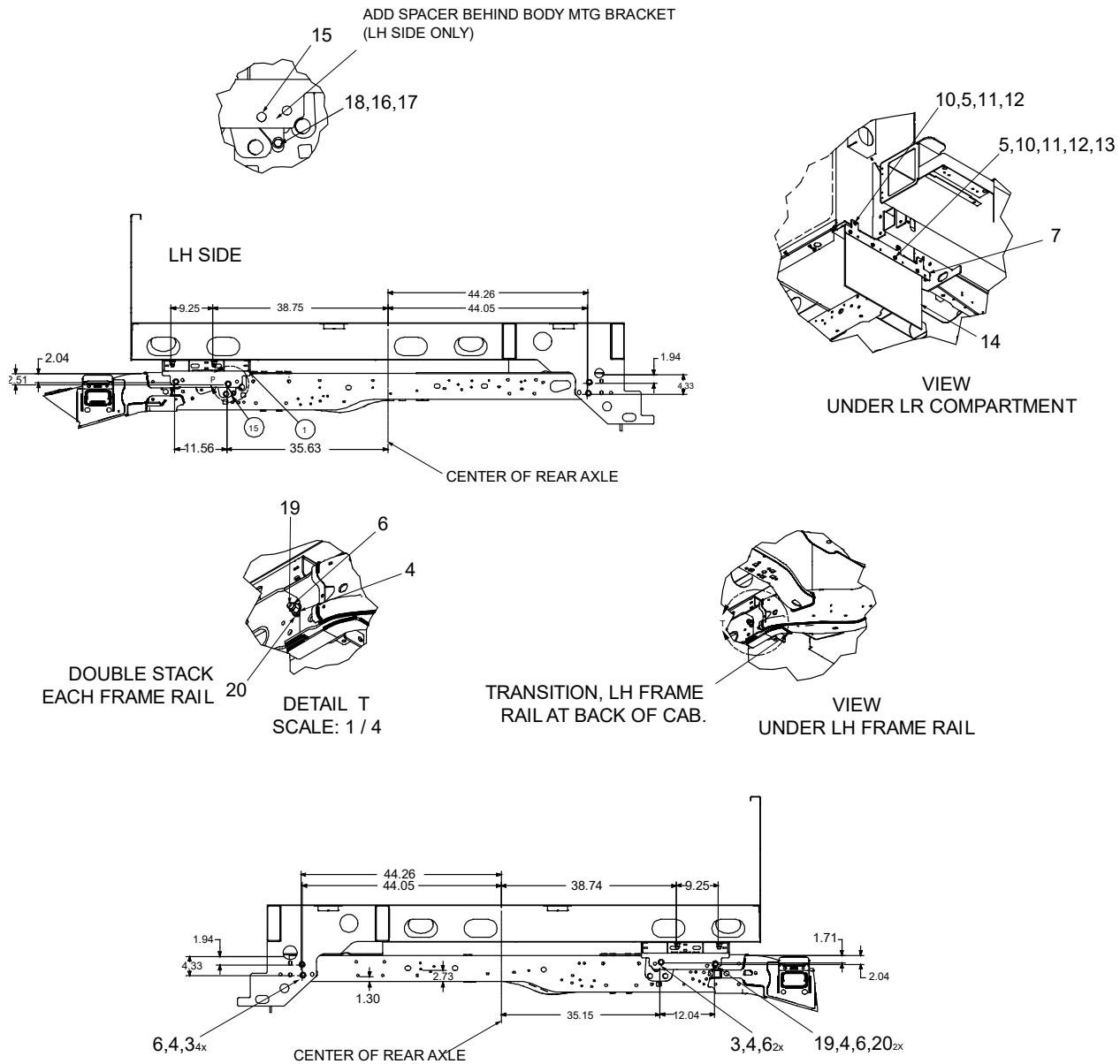
Item	Parts No	Description	Qty
1	52726969	BRACKET-BODY FRT DOM1 84CA 19000 GVW	2
2	60122777	SHIM-BODY MTG REAR DOM/PRED F550 19000 G	4
3	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	10
4	72063119	WASHER .62 FLAT ASTM F436	24
5	72063002	WASHER .31 FLAT	26
6	72601859	NUT .62-11 HEX GR8 YZ NYLOCK	12
7	60131361	BRACKET-MUD FLAP DOM1 FORD 6.4L	2
8	60131565	BRACKET-MUD FLAP DOM1 SIDE PROTECTOR	2
9	60120705	MTG BRKT-WIRE HARNESS	2
10	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	18
11	76392598	WASHER-BONDED .31 PLTD	10
12	72062109	NUT .31-18 HEX NYLOCK	18
13	72063078	WASHER .31X1.50 OD ZINC	8
14	76393799	MUD FLAP W/IMT LOGO 16H X 24W	2

99906096 Complete Parts List

Item	Parts No	Description	Qty
15	72601482	CAP SCR .62-11X 2.50 HH GR8 Z	2
16	60144644	SPACER-WASHER 2017 FORD	4
NEW: 20160921			

Body Installation, Ford 2017 – 9' (99906098)

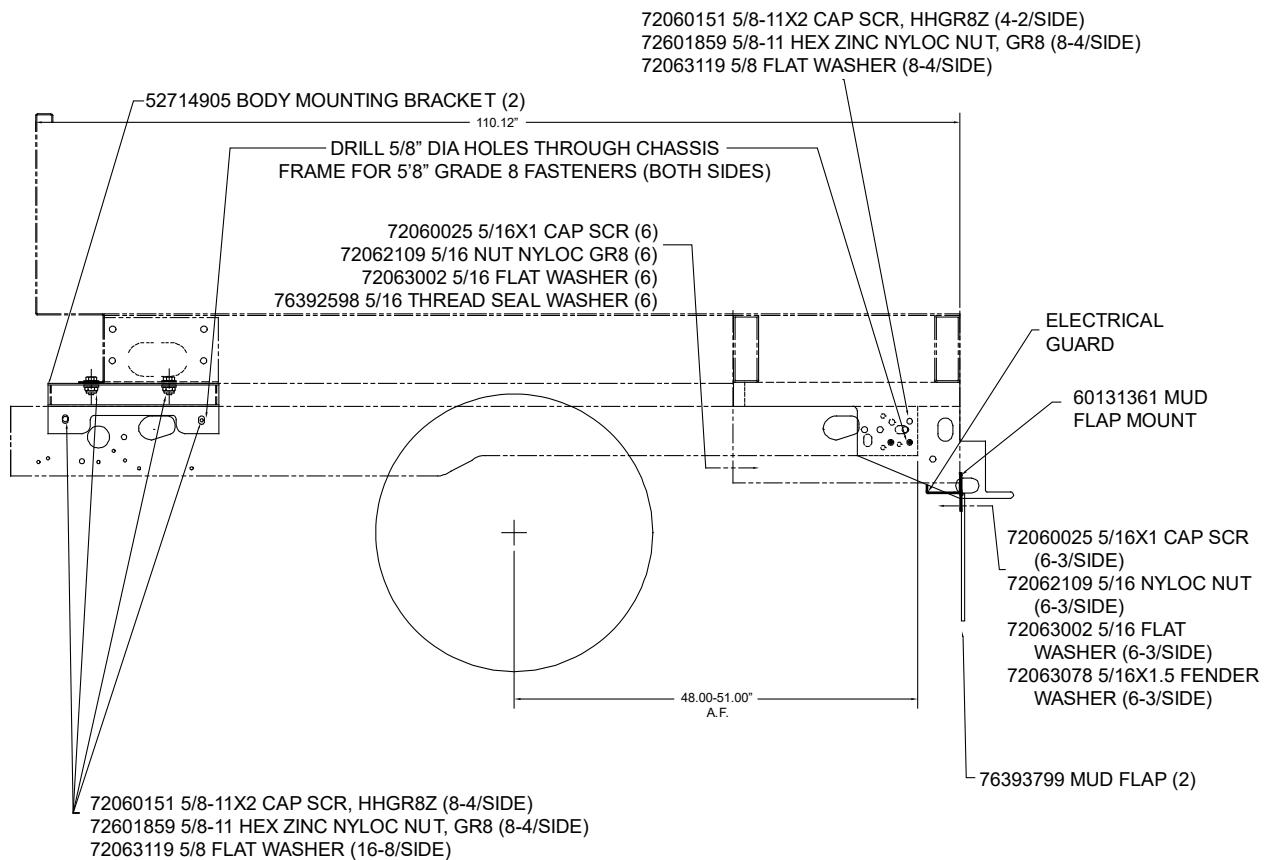
NOTE: THESE DRAWINGS ARE USED SPECIFICALLY ON CONFIGURATIONS PERTAINING TO THE **2017 FORD SUPER DUTY CHASSIS**.



ITEM	PART NO.	DESCRIPTION	QTY
1	52727031	BRACKET-BODY FRT DOM1 84CA 19000 GVW	2
2	60122777	SHIM-BODY MTG REAR DOM/PRED F550 19000 G	3
3	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	10
4	72063119	WASHER .62 FLAT ASTM F436	24
5	72063002	WASHER .31 FLAT	26
6	72601859	NUT .62-11 HEX GR8 YZ NYLOCK	12
7	60131361	BRACKET-MUD FLAP DOM1 FORD 6.4L	2
8	60131565	BRACKET-MUD FLAP DOM1 SIDE PROTECTOR	2
9	60120705	MTG BRKT-WIRE HARNESS	2
10	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	18
11	76392598	WASHER-BONDED .31 PLTD	10
12	72062109	NUT .31-18 HEX NYLOCK	18
13	72063078	WASHER .31X1.50 OD ZINC	8
14	76393799	MUD FLAP W/IMT LOGO 16H X 24W	2
15	60144638	SPACER-DOM1-9' INSTALL KIT 2017 FORD	1
16	72063003	WASHER .38 FLAT	2
17	72062103	NUT .38-16 HEX NYLOCK	1
18	72060048	CAP SCR .38-16X 1.50 HH GR5 Z	1
19	72601482	CAP SCR .62-11X 2.50 HH GR8 Z	2
20	60144644	SPACER-WASHER 2017 FORD	4
NEW: 20160922			

Installation Kit- 9' Body - Ford (93714834)

STREET SIDE VIEW SHOWN



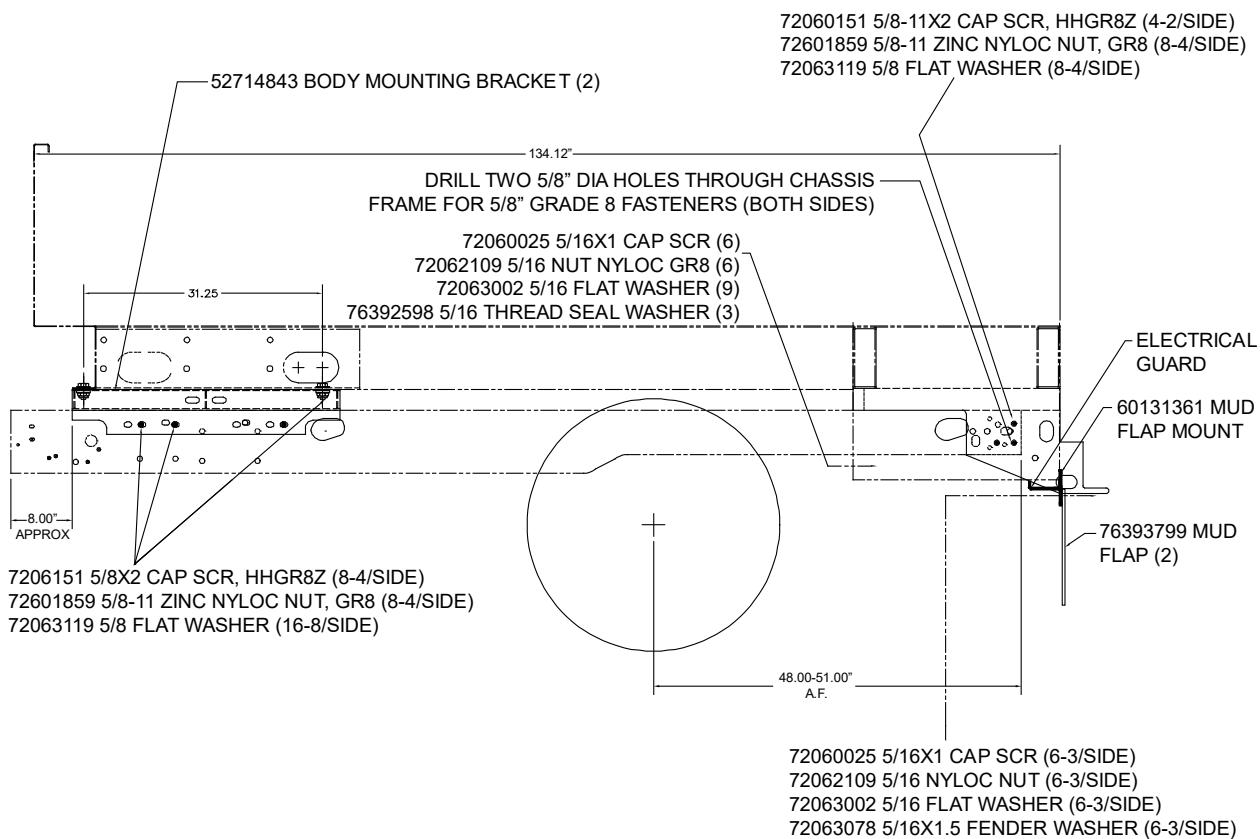
REV F 20070207

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.
- 6 60131361 WAS 60125128 – REV F 20070207.

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

STREET SIDE VIEW SHOWN



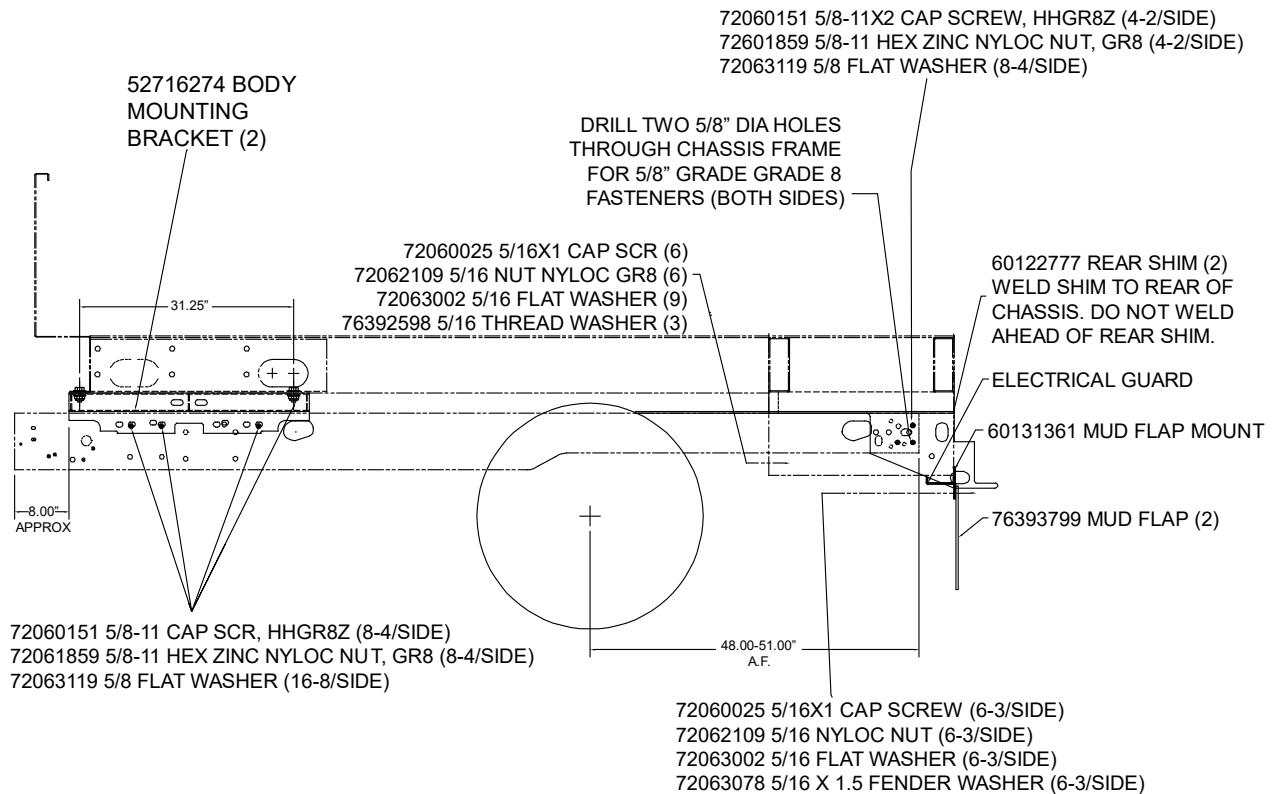
REV. F 20070207

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.
- 6 60131361 WAS 60125128 – REV F 20070207.

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

STREET SIDE VIEW SHOWN



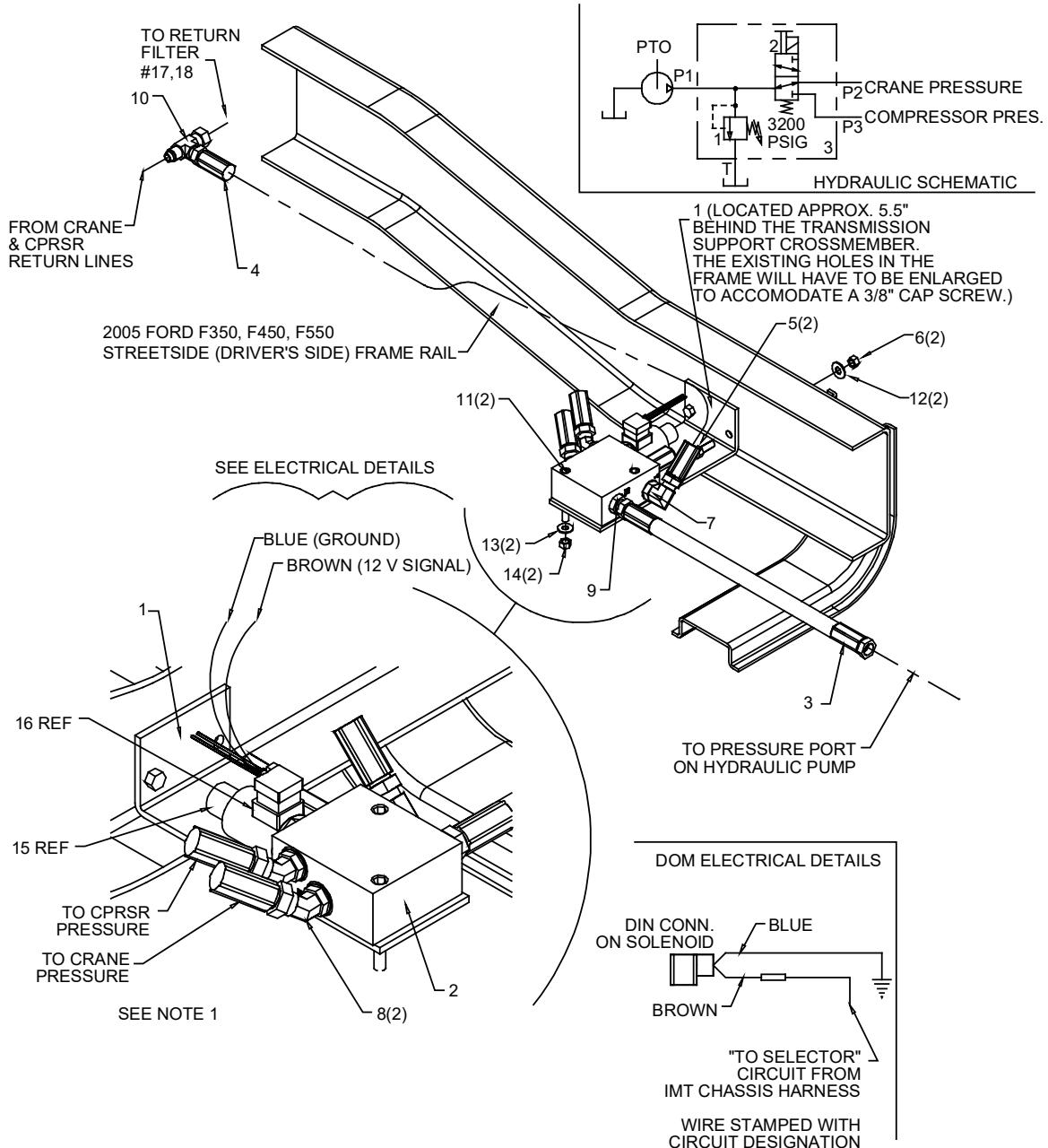
REV. G 20140716

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 60131361 WAS 60125128 REV F 20070207.

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

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

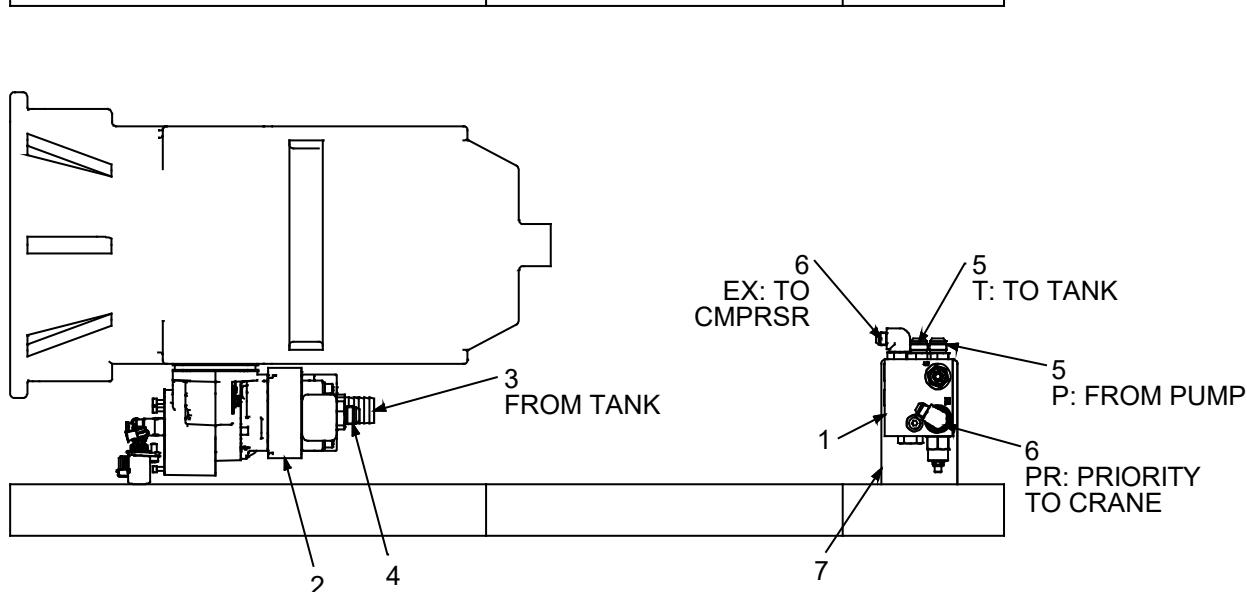


99904080 PARTS LIST

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	QUANTITY
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

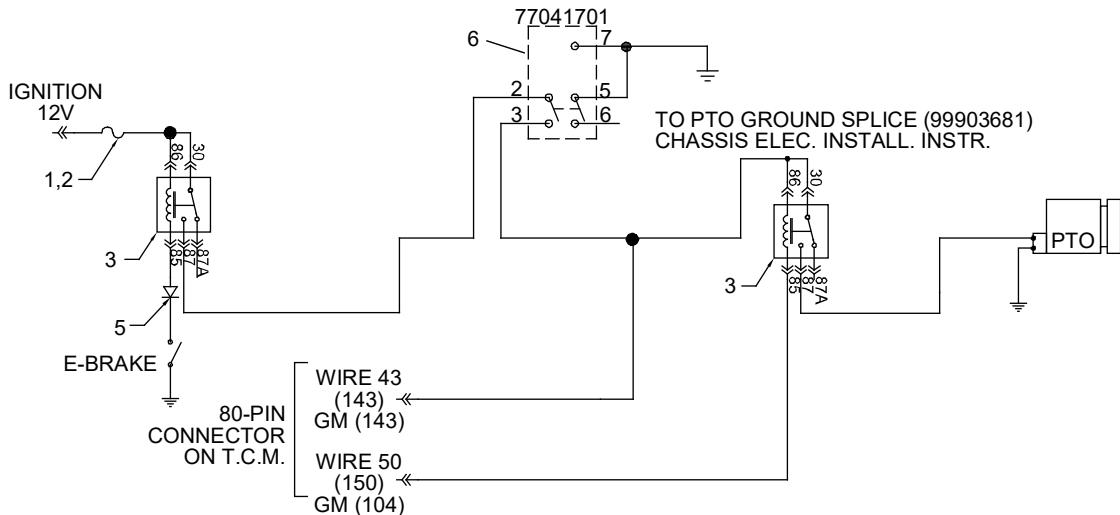
70034516
ELBOW-BARB/90/BARB .75 .75

TO FUEL TANK OF CHASSIS



PTO Wiring Installation-2006 to Present (99904085)

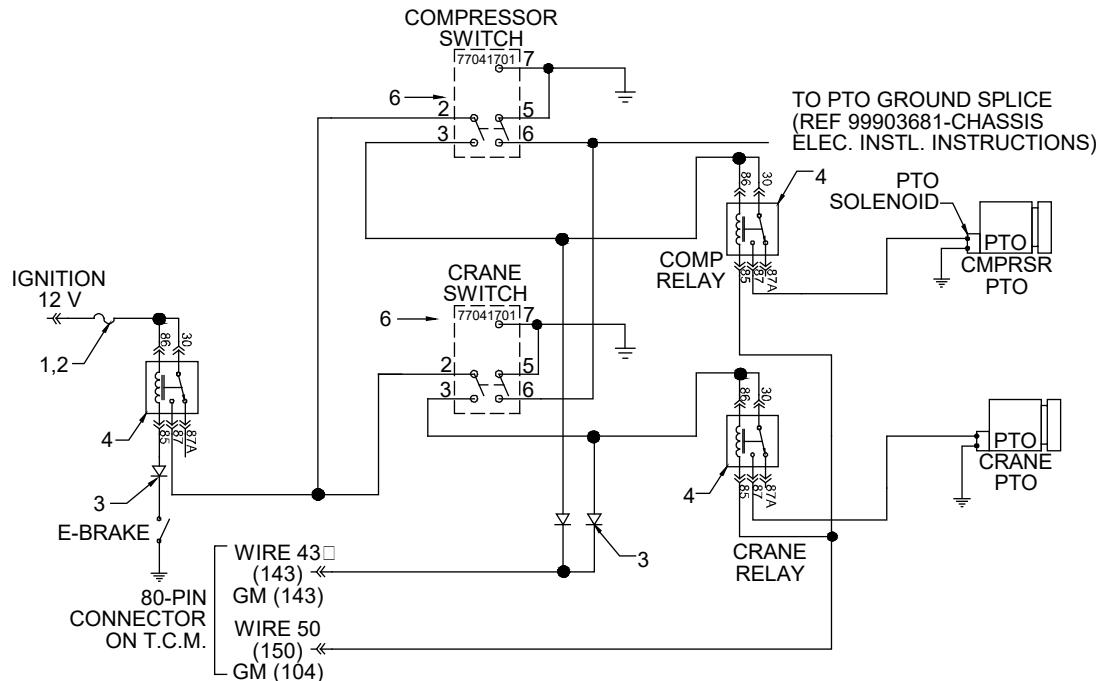
Allison T1000/T2000 TCM with Single PTO (4th Generation) (2006-present) (99904085-1)



NOTE:

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

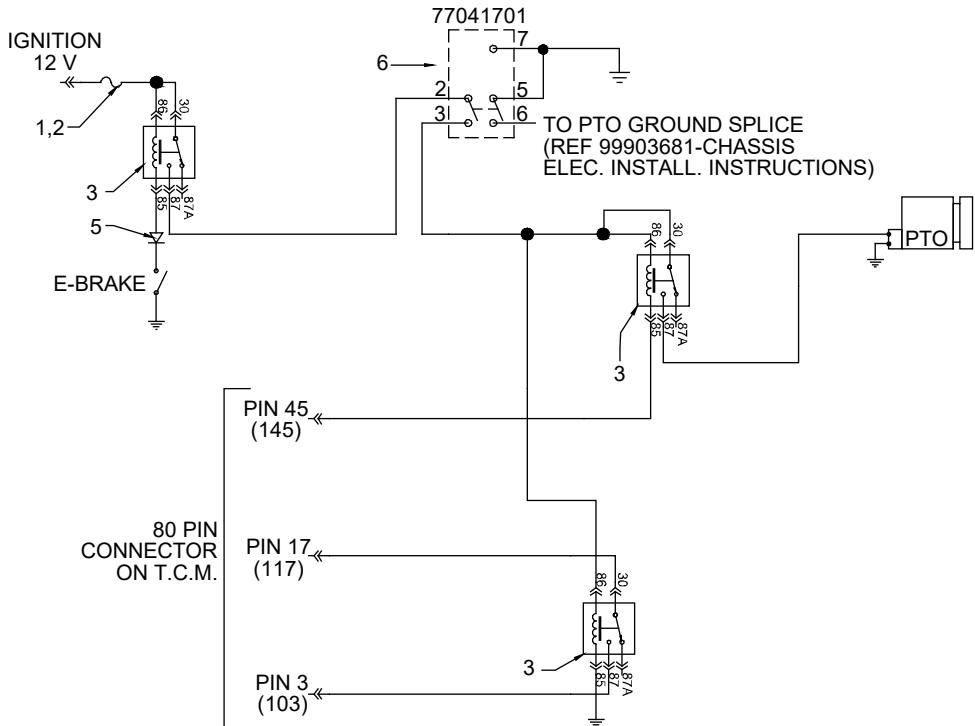
ALLISON T1000/T2000 4th GEN SINGLE PTO WIRING PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77044764	FUSE HOLDER W/O FUSE	1
2.	77041527	FUSE-ATC 7.5 AMP	1
3.	77041251	RELAY	2
4.	77441047	TERMINAL, MP 150 16-18GA MALE	2
5.	77044556	DIODE	1
6.	77041701	SWITCH-ROCKER	1
NEW 20061108			

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

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

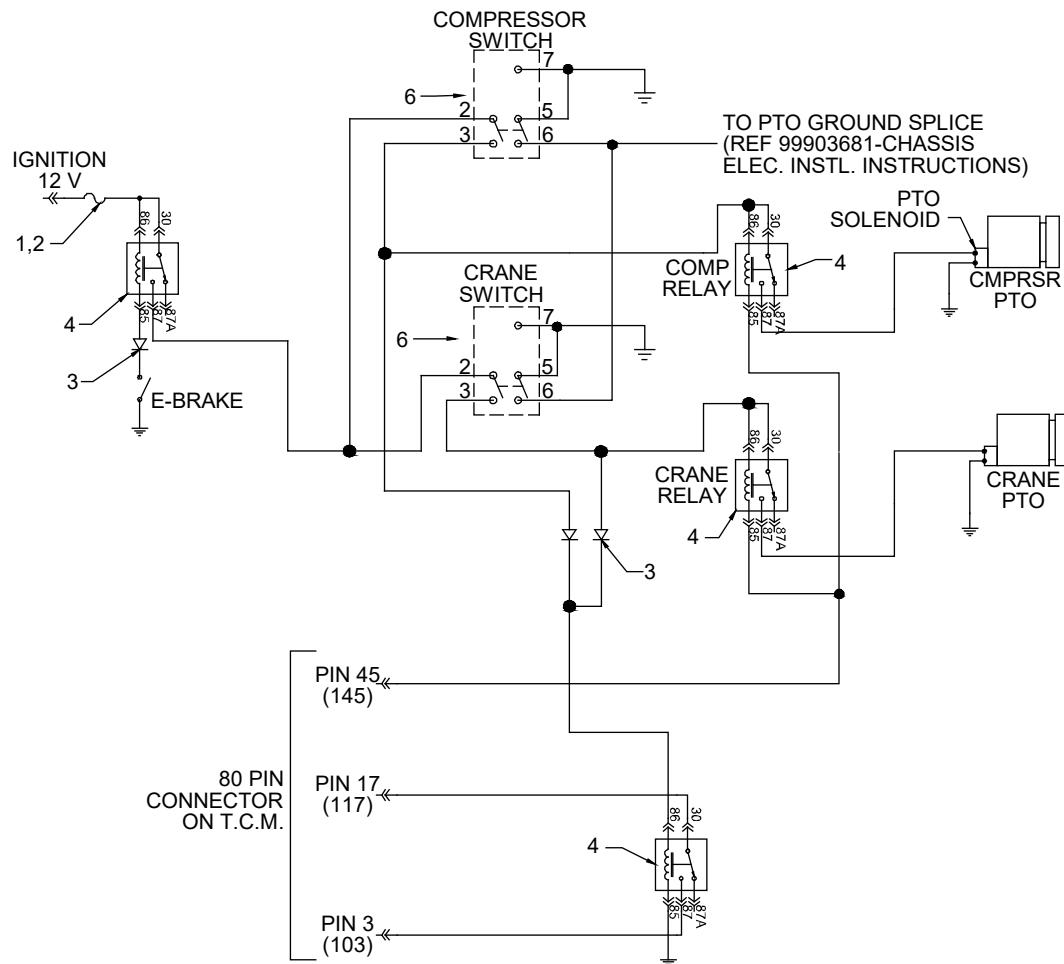
ALLISON T1000/T2000 4th GEN DUAL PTO WIRING PARTS LIST

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

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

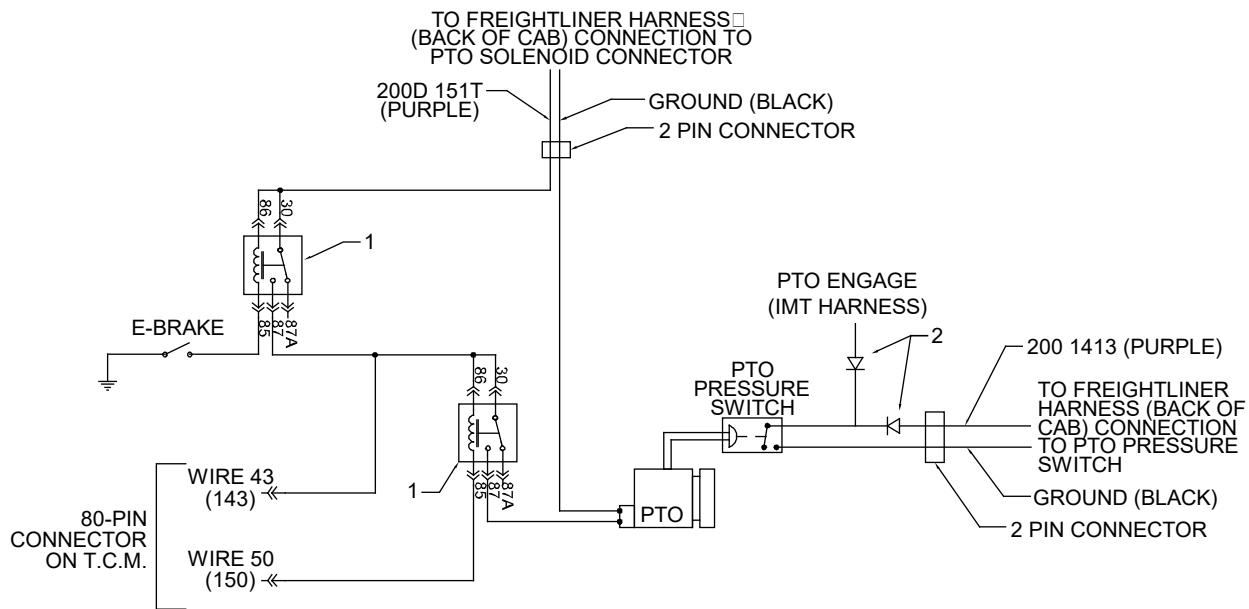
- 1 Different chassis may have different codes for the TCM wire numbers.
- 2 TCM for Freightliner is behind the dash on the passenger side of the cab. Splice into appropriate wires at that location.
- 3 2007 and newer GM Transmission Connector (Located near upfitter connector in the engine compartment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

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

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

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

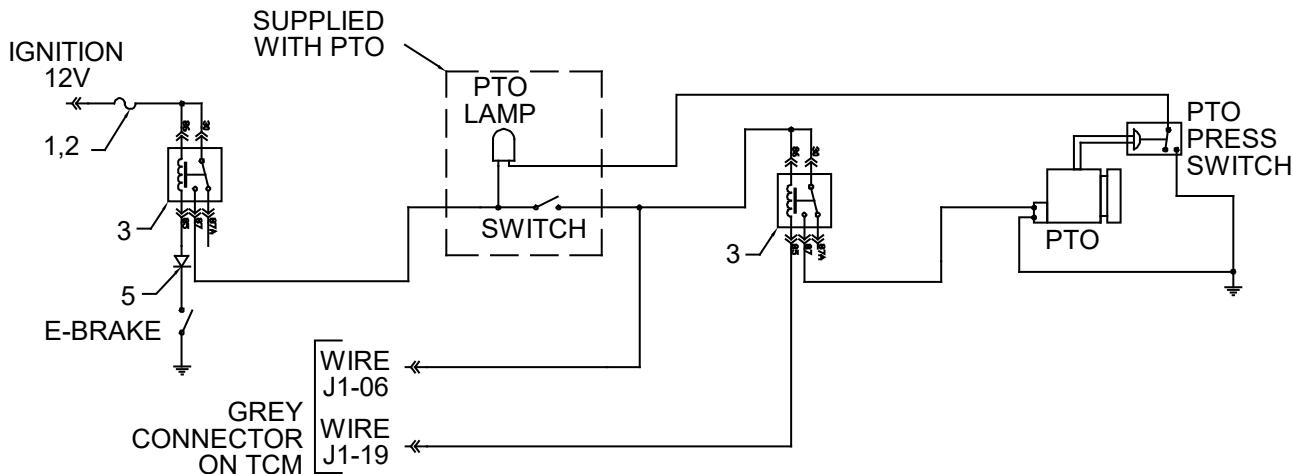
ALLISON T3000/T4000 4th GEN DUAL PTO WIRING PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77044764	FUSE HOLDER W/O FUSE	1
2.	77041527	FUSE-ATC 7.5 AMP	1
3.	77044556	DIODE - 2.2 AMP / 274 V	3
4.	77041251	RELAY	4
5.	77441047	TERMINAL, MP 150 16-18GA MALE	REF
6.	77041701	SWITCH-ROCKER	2
NEW 20061108			

Allison T1000/T2000 TCM Freightliner - Single PTO (4th Generation) (2006-present) (99904085-5)**ALLISON T1000/T2000 4th GEN FREIGHTLINER PTO WIRING PARTS LIST**

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

PTO Wiring Installation Through 2005 (99903409)

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

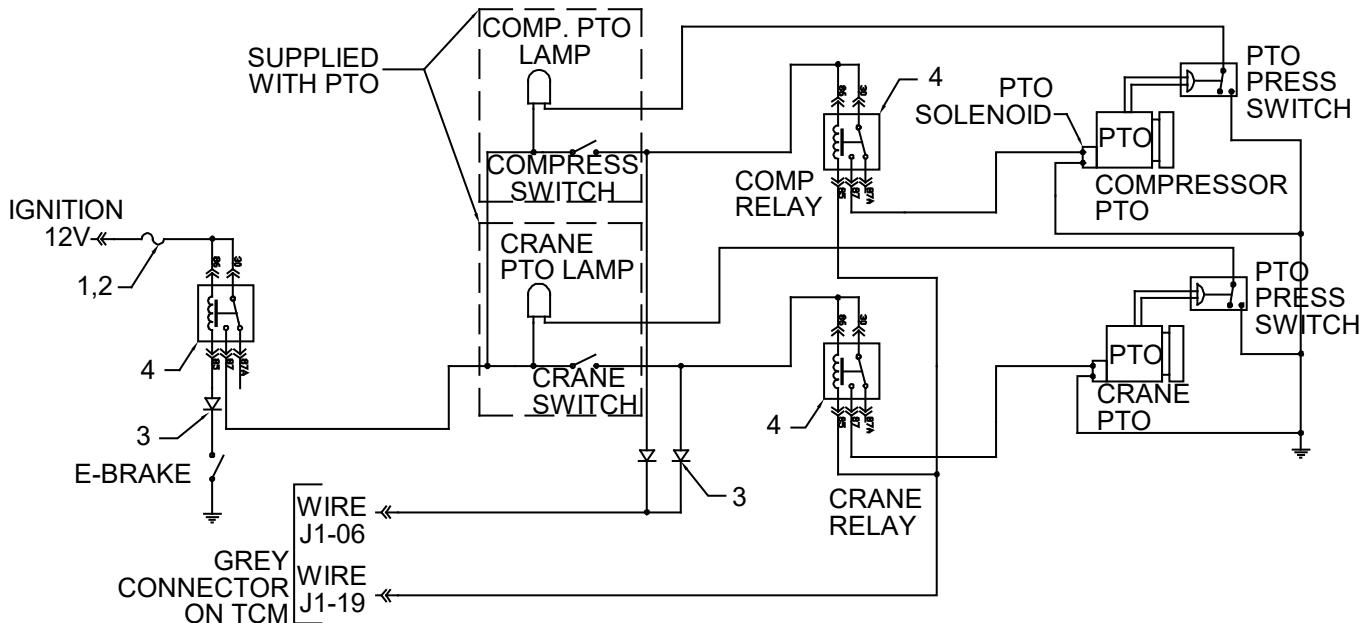


NOTE:

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

ALLISON T1000/T2000 SINGLE PTO WIRING PARTS LIST

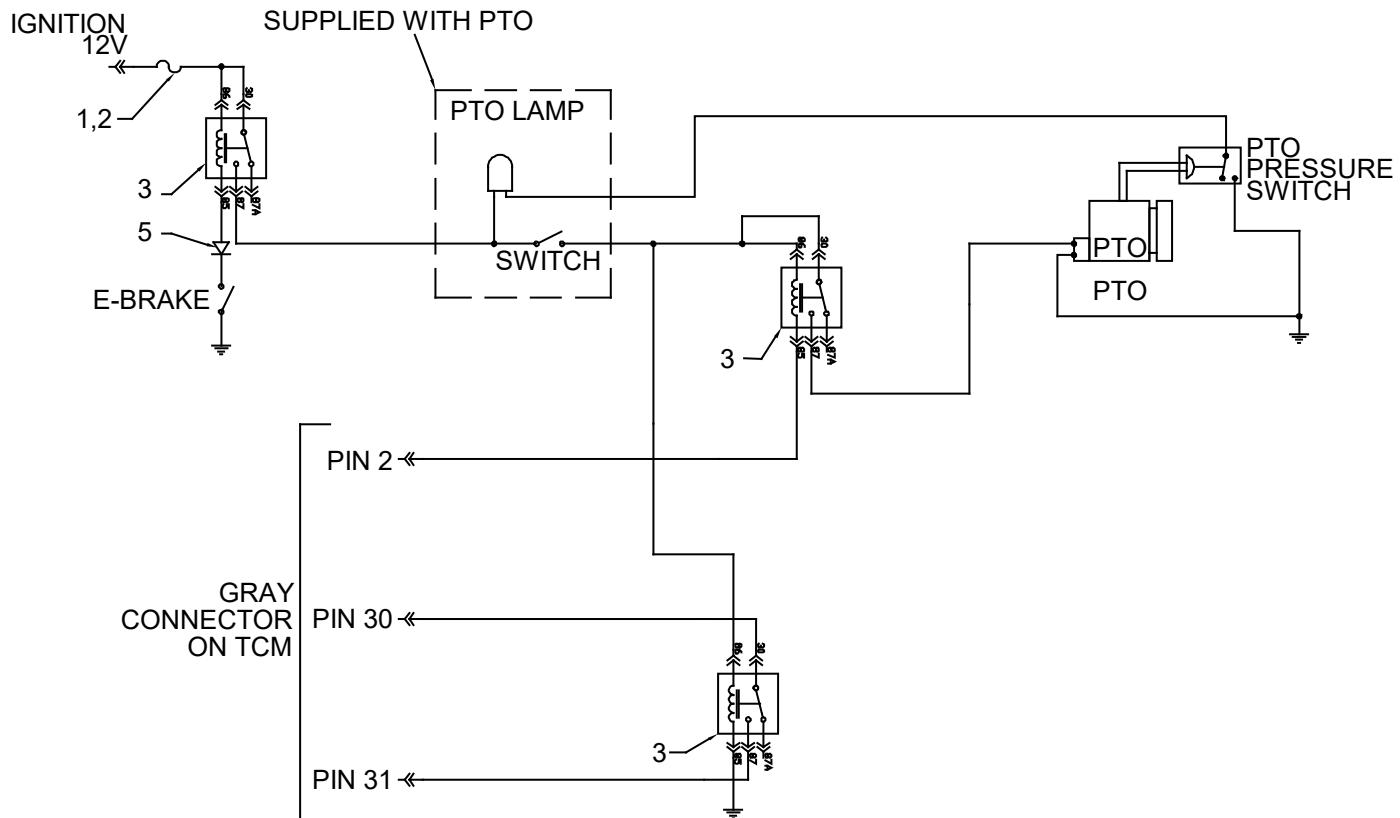
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77044764	FUSE HOLDER W/O FUSE	1
2.	77041527	FUSE-ATC 7.5 AMP	1
3.	77041251	RELAY	1
4.	77441047	TERMINAL, MP 150 16-18GA MALE	2
5.	77044556	DIODE, 2.2 AMP	1

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

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

ALLISON T1000/T2000 DUAL PTO WIRING PARTS LIST

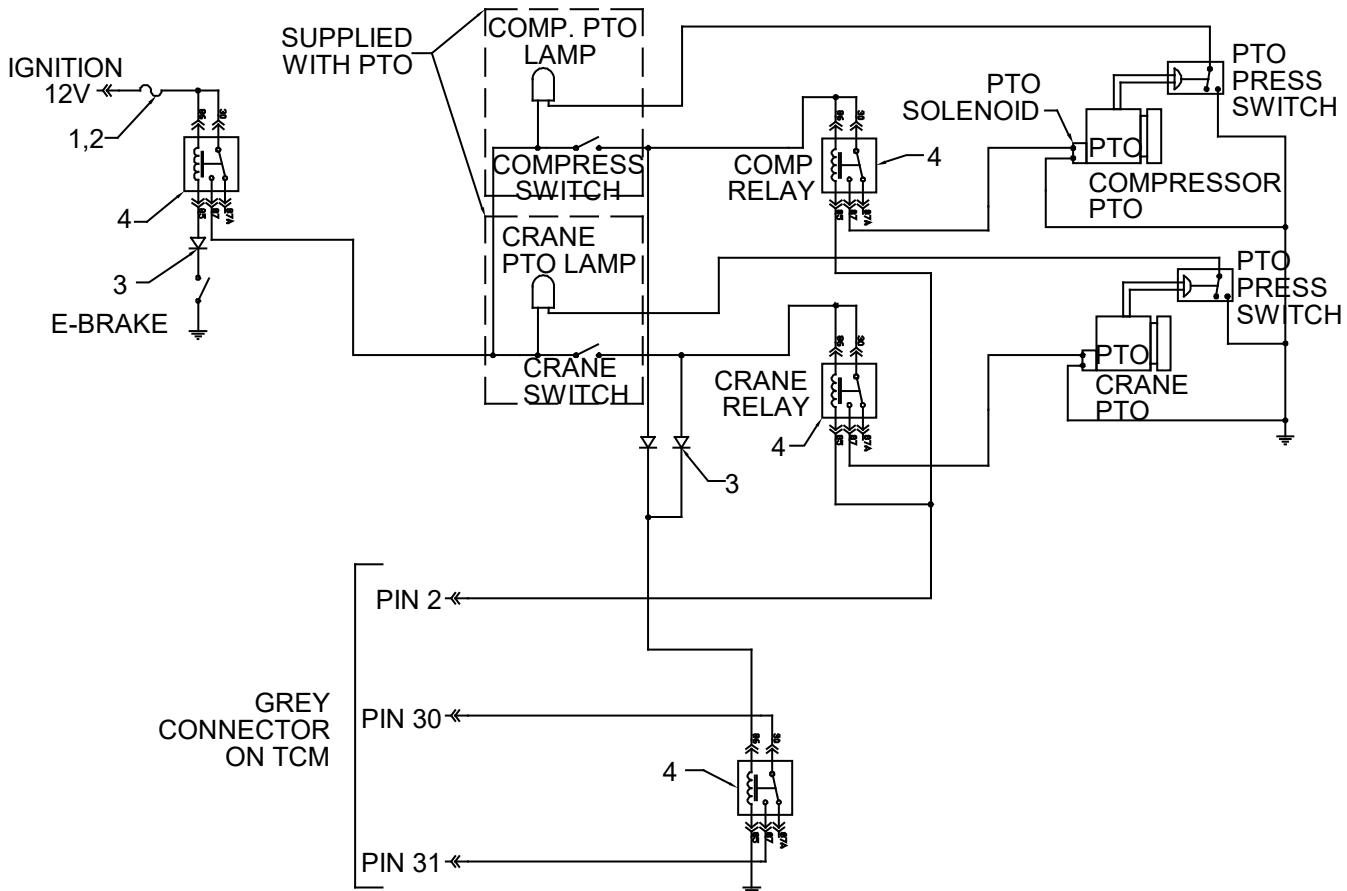
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77044764	FUSE HOLDER W/O FUSE	1
2.	77041527	FUSE-ATC 7.5 AMP	1
3.	77044556	DIODE - 2.2 AMP	2
4.	77041251	RELAY	2
5.	77441047	TERMINAL, MP 150 16-18GA MALE	2

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

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

ALLISON T3000/T4000 SINGLE PTO WIRING PARTS LIST

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

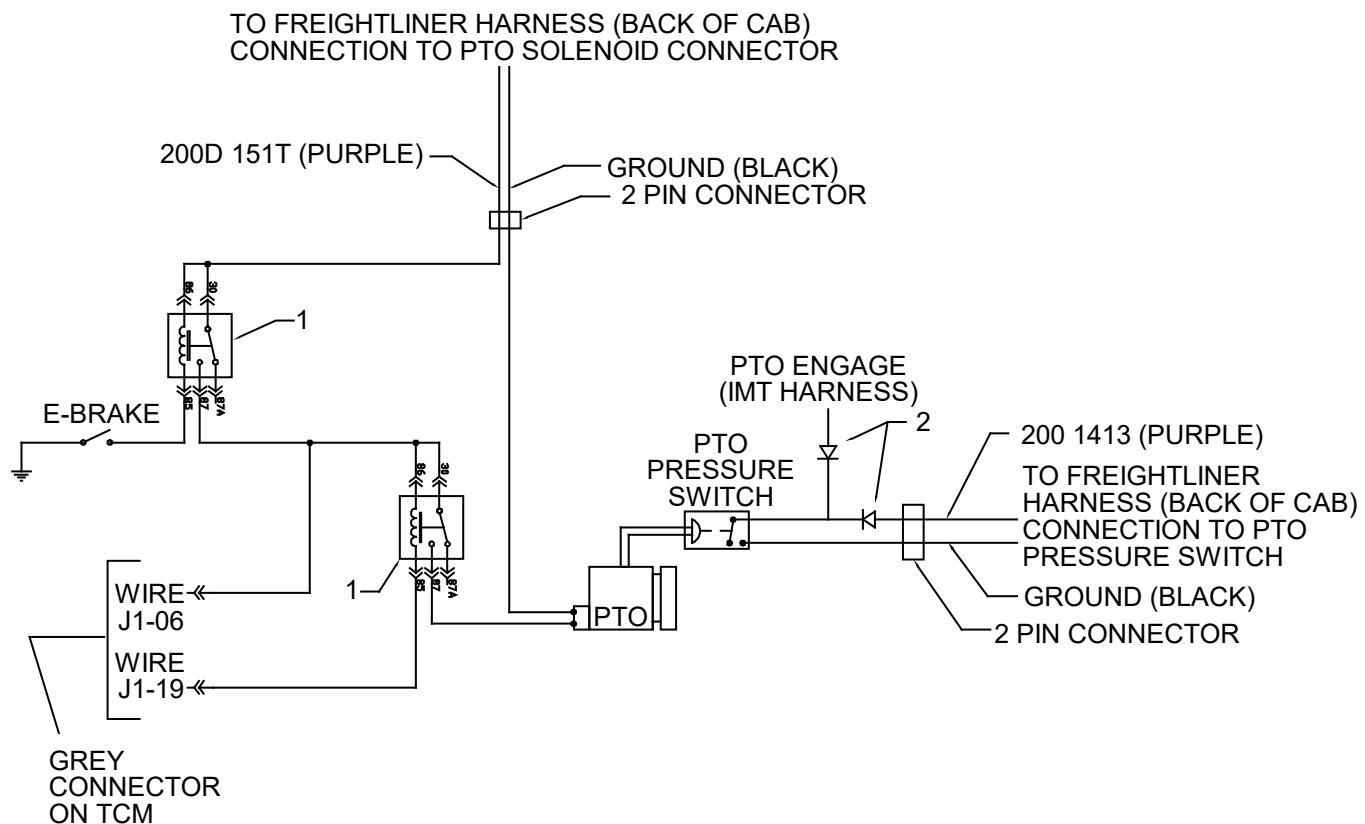
Allison T3000/T4000 TCM with Dual PTO Through 2005 (99903409-4)**NOTE:**

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

ALLISON T3000/T4000 DUAL PTO WIRING PARTS LIST

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

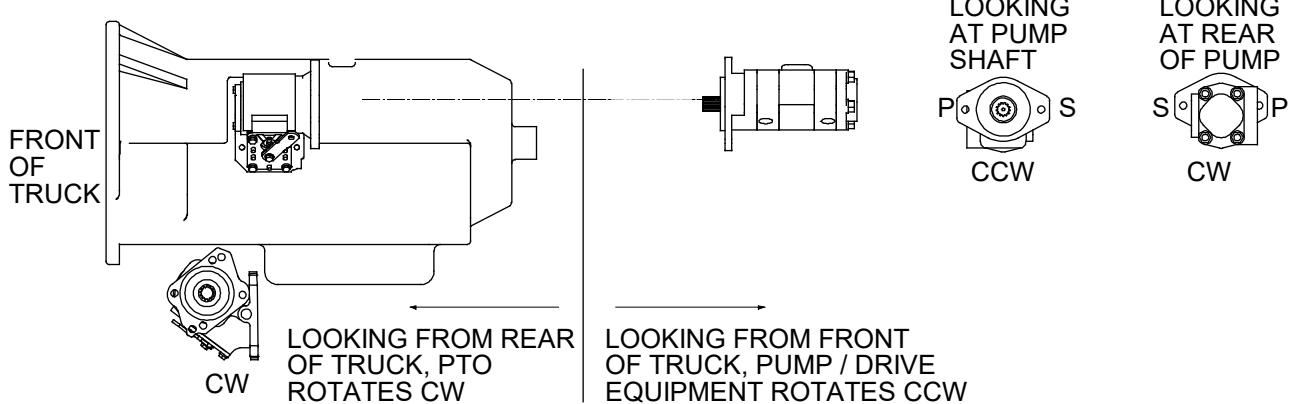
**Allison T1000/T2000 TCM with Single PTO on Freightliner with PTO Dash Switch Through 2005
(99903409-5)**



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

PTO/Pump Rotation Guide (99904279)

PTO ROTATION IS OPPOSITE OF ENGINE ROTATION (OPP)



PTO ROTATION IS THE SAME AS ENGINE ROTATION (ENG)

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.

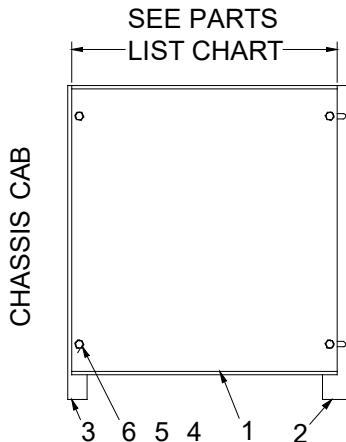
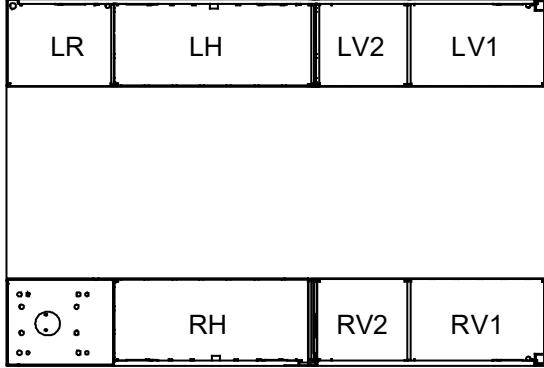
CHAPTER 4

Compartment Options

In This Chapter

Compartment Layout (99903658).....	104
Parts List, Shelves (99903658).....	105
Installation Drawing, Shelves (99903658).....	106
Installation Drawing, Door Trays (99903667).....	111
Parts List, Drawer Units and Kits	112
Drawer Set Reference Drawing	114
Drawer Components	116
Compartment Options	117
Tool Box Tray (51711548).....	118
Tank Bracket, 2-Bottle (51719752).....	119
Tank Bracket, 3-Bottle (51720021).....	120
Pull-Out Bin Sets.....	121
Slide Out Tray (51713240)	123

Compartment Layout (99903658) (Eff. to 5-1-15)



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 2 compartments are only used on DSC20 - 11' 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			

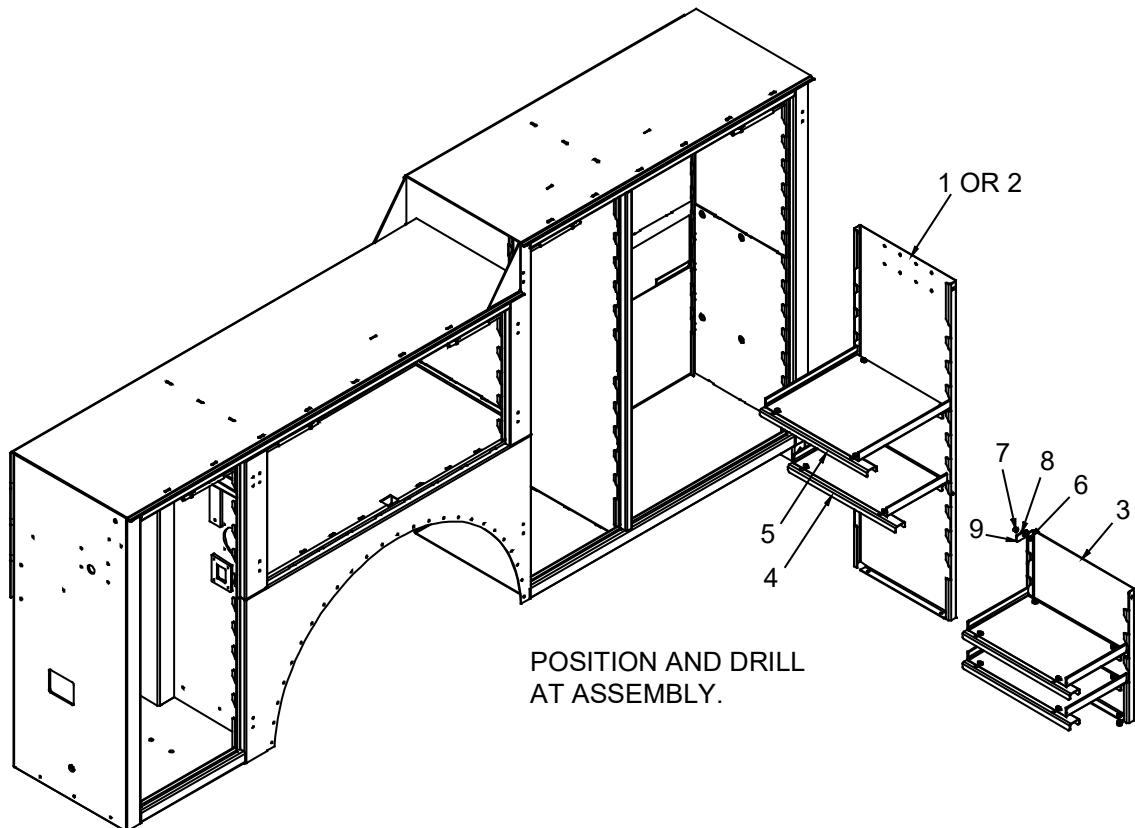
Parts List, Shelves (99903658) (Eff. to 5-1-15)

COMPARTMENT LOCATION	ITEM #3 - SHELF END	ITEM #1 - SHELF	ITEM #2 - SHELF END	SHELF WIDTH (INCHES)	SHELF DIVIDER (60251115)	SHELF KIT NUMBER
LEFT VERTICAL 9' DSC	60132735	60126419	60126424	33.62		51720561
	60132735	60126422	60126424	33.62	6 INCLUDED	51720562
LEFT VERTICAL 1	60126425	60126419	60126424	33.62		51718810
	60126425	60126422	60126424	33.62	6 INCLUDED	51718811
LEFT VERTICAL 2	60126429	60126418	60126424	17.5		51718812
	60126429	60126421	60126424	17.5	4 INCLUDED	51718813
LEFT HORIZONTAL 9'	60126423	60129328	60126429	47.13		51719911
	60126423	60129313	60126429	47.13	10 INCLUDED	51719924
LEFT HORIZONTAL 11'	60126423	60126417	60126429	49.75		51718814
	60126423	60126420	60126429	49.75	10 INCLUDED	51718815
LEFT REAR	60126697	60126416	60126423	25.75		51718816
	60126697	60126409	60126423	25.75	5 INCLUDED	51718817
RIGHT VERTICAL 9' DSC	60132735	60126419	60126424	33.62		51720561
	60132735	60126422	60126424	33.62	6 INCLUDED	51720562
RIGHT VERTICAL 1	60126424	60126419	60126697	33.62		51718927
	60126424	60126422	60126697	33.62	6 INCLUDED	51718928
RIGHT VERTICAL 2	60126424	60126418	60126429	17.5		51718812
	60126424	60126421	60126429	17.5	4 INCLUDED	51718813
RIGHT HORIZONTAL 9'	60126423	60129328	60126429	47.13		51719911
	60126423	60129313	60126429	47.13	10 INCLUDED	51719924
RIGHT HORIZONTAL 11'	60126423	60126417	60126429	49.75		51718814
	60126423	60126420	60126429	49.75	10 INCLUDED	51718815

DIVIDER PANELS	ITEM #3 - SHELF END	ITEM #1 - SHELF	ITEM #2 - SHELF END	SHELF WIDTH (INCHES)	60251115 SHELF DIVIDER	SHELF KIT NUMBER
20" DIVIDER PANEL (51718829)	60126424	60126313	60126267	11.5		SHELVES INCLUDED
40" TALL DIVIDER PANEL (51720126)	60126424	60129733	60129732	11.5		51720122
	60126424	60129734	60129732	11.5	60251213(3)	51720123
	60126424	60129737	60129732	17.5		51720124
	60126424	60129738	60129732	17.5	60251216 (4)	51720125
56" TALL DIVIDER PANEL (51720127)	60126424	60129733	60129732	11.5		51720122
	60126424	60129737	60129732	17.5		51720124

REV. M 20080806

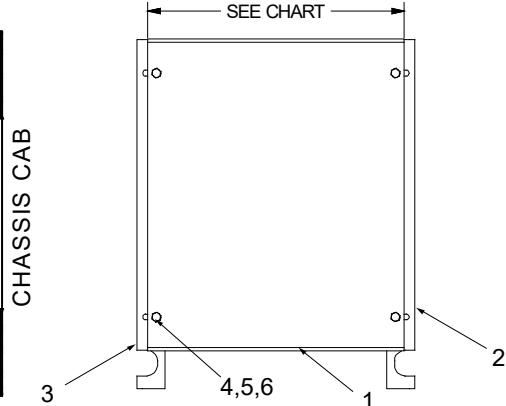
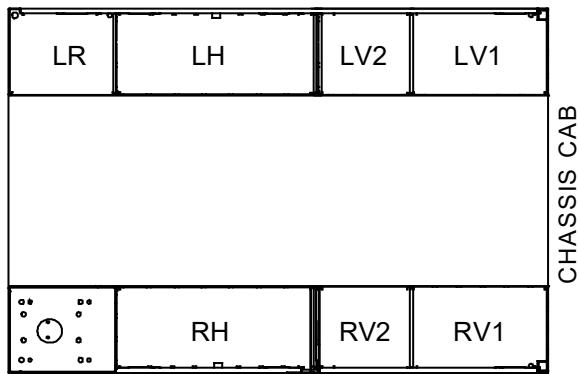
Installation Drawing, Shelves (99903658) (Eff. to 5-1-15)



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			

Compartment Layout (99905160) (Eff from 5-1-15)



Compartment Key

LR	Left Rear
LV1	Left Vertical 1
RH	Right Horizontal
RV1	Right Vertical 1

LH	Left Horizontal
LV2	Left Vertical 2
RV2	Right Vertical 1

NOTE: The Left and Right Vertical 2 compartments are only used on DSC20 - 11' bodies.

99905160 COMPARTMENT LAYOUT PARTS

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	SEE CHART	SHELF		1
2.	SEE CHART	SHELF END		1
3.	SEE CHART	SHELF END		1
4.	72062109	NUT	.31-18 HEX NYLOC	4
5.	72060023	CAP SCREW	.31-18X .75 HH GR5 Z	4
6.	72063002	WASHER	.31 FLAT	4
REV C 20170227				

Parts List, Shelves (99905160)(Eff from 5-1-15)

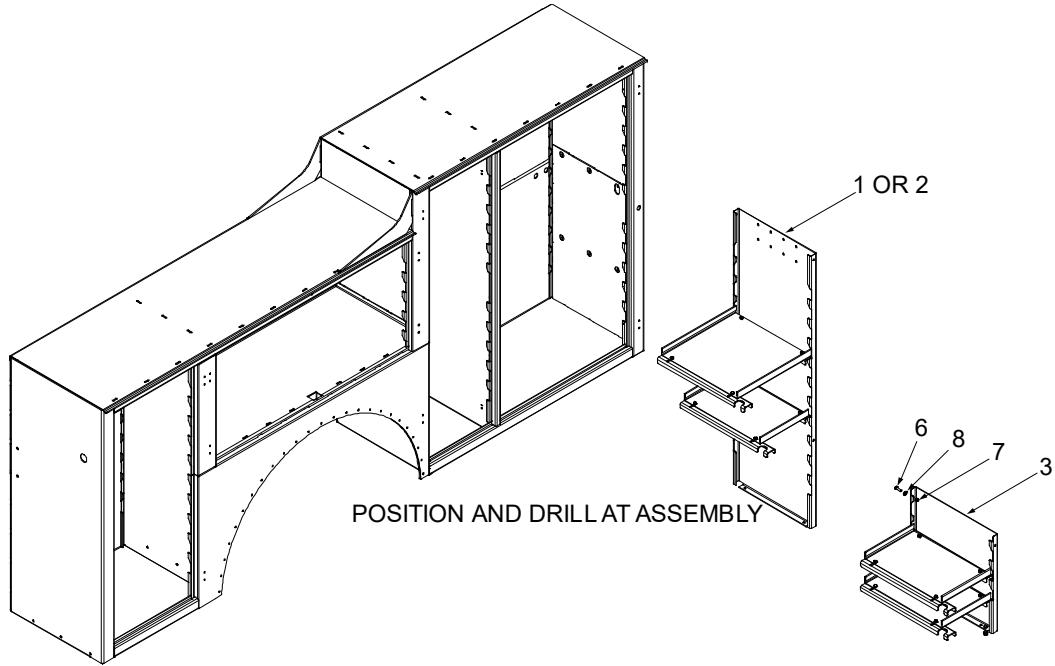
COMPARTMENT LOCATION	ITEM #3 SHELF END	ITEM #1 SHELF	ITEM #2 SHELF END	SHELF WIDTH	60136860 SHELF DIVIDER	SHELF KIT NUMBER
LEFT VERT 1	60136436	60136447	60136441	33.62		51723712
	60136436	60136450	60136441	33.62	6 INCLUDED	51723713
LEFT VERT 2-11	60136439	60137424	60136441	17.5		51723988
	60136439	60137425	60136441	17.5	4 INCLUDED	51723989
LEFT HORIZ 11'	60136438	60136445	60136441	49.75		51723716
	60136438	60136448	60136441	49.75	10 INCLUDED	51723717
LEFT HORIZ 9'	60136438	60136855	60136441	47.13		51723726
	60136438	60136854	60136441	47.13	10 INCLUDED	51723727
LEFT REAR	60136438	60136444	60136440	25.75		51723718
	60136438	60136443	60136440	25.75	5 INCLUDED	51723719
RIGHT VERT 1	60136439	60136447	60136440	33.62		51723720
	60136439	60136450	60136440	33.62	6 INCLUDED	51723721
RIGHT VERT 2-11'	60136439	60137424	60136441	17.5		51723988
	60136439	60137425	60136441	17.5	4 INCLUDED	51723989
RIGHT HORIZ 11'	60136439	60136445	60136437	49.75		51723740
	60136439	60136448	60136437	49.75	10 INCLUDED	51723741
RIGHT HORIZ 9'	60136439	60136855	60136437	47.13		51723742
	60136439	60136854	60136437	47.13	10 INCLUDED	51723743

RIGHT HAND						
DIVIDER PANELS	ITEM #3 SHELF END	ITEM #1 SHELF	ITEM #2 SHELF END	SHELF WIDTH	SHELF DIVIDER	SHELF KIT #
20" DIVIDER PANEL 51723744	60136439	60136442	60136863	11.5	SHELVES INCLUDED	51723744
40" TALL DIVIDER PANEL 51720126	60136439	60136856	60136862	11.5		51723728
	60136439	60136857	60136862	11.5	60251213 (3)	51723729
	60136439	60136858	60136862	17.5		51723730
	60136439	60136859	60136862	17.5	60251213 (4)	51723731
56" TALL DIVIDER PANEL 51720127	60136439	60136856	60136862	11.5		51723728
	60136439	60136857	60136862	11.5	60251213 (3)	51723729
	60136439	60136858	60136862	17.5		51723730
	60136439	60136859	60136862	17.5	60251213 (4)	51723731

LEFT HAND						
DIVIDER PANELS	ITEM #3 SHELF END	ITEM #1 SHELF	ITEM #2 SHELF END	SHELF WIDTH	SHELF DIVIDER	SHELF KIT #
20" DIVIDER PANEL 51723744	60136921	60136442	60136863	11.5		51724702
40" TALL DIVIDER PANEL 51720126	60136921	60136856	60136862	11.5		51724698
	60136921	60136857	60136862	11.5	60251213 (3)	51724699

LEFT HAND						
DIVIDER PANELS	ITEM #3 SHELF END	ITEM #1 SHELF	ITEM #2 SHELF END	SHELF WIDTH	SHELF DIVIDER	SHELF KIT #
	60136921	60136858	60136862	17.5		51724700
	60136921	60136859	60136862	17.5	60251213 (4)	51724701
56" TALL DIVIDER PANEL 51720127	60136921	60136856	60136862	11.5		51724698
	60136921	60136857	60136862	11.5	60251213 (3)	51724699
	60136921	60136858	60136862	17.5		51724700
	60136921	60136859	60136862	17.5	60251213 (4)	51724701

Installation Drawing, Shelves (99905160) (Eff from 5-1-15)

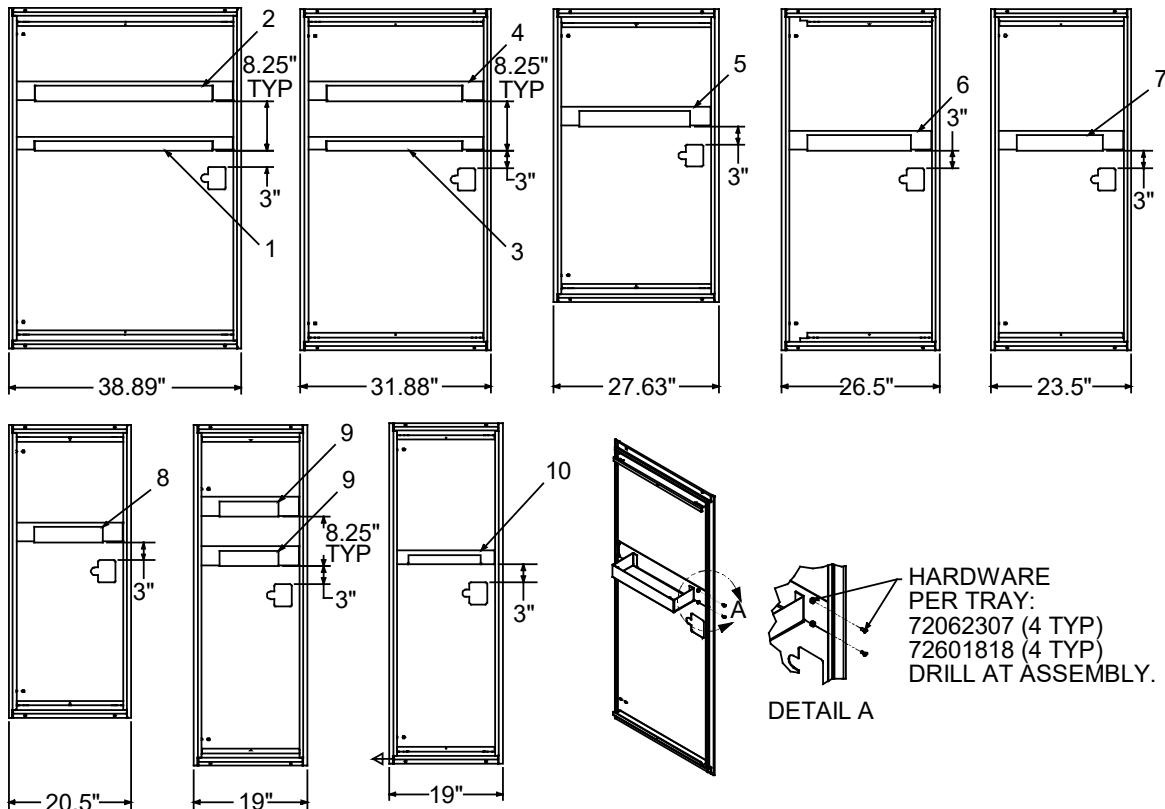


99905160- PARTS LIST

Item	Part No.	Description	Qty
1	51720126	D(II)-DIVIDER KIT-BOLT ON RSD (44" & 52" SIDEPACKS)	1
2	51720127	D(II)-DIVIDER KIT-BOLT ON STD (60" SIDEPACKS)	1
3	51723744	DS3 -DIVIDER KIT-BOLT ON DOM 20"H	1
4	See Chart	DS3 -SHELF KIT 1.50 11.5W-18.5 DIV PNL	1
5	See Chart	DS3 -SHELF KIT 1.50 17.5W-18.5 DIV PNL	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. C 20170227

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.

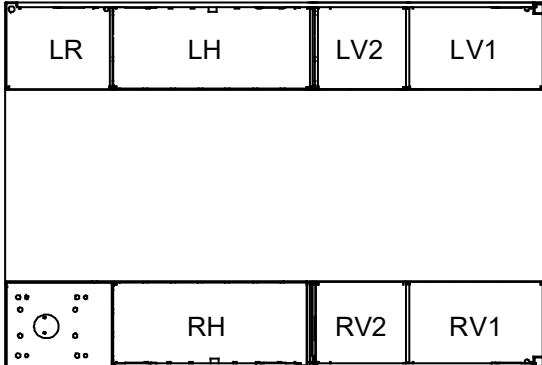
99903667 PARTS LIST

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
LH	Left Horizontal
LV2	Left Vertical 2
LV1	Left Vertical 1

RH	Right Horizontal
RV2	Right Vertical 2
RV1	Right Vertical 1

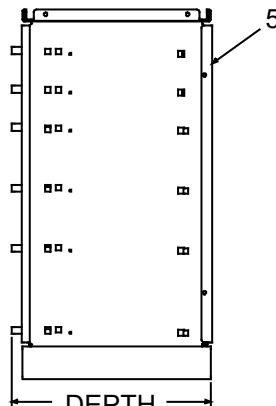
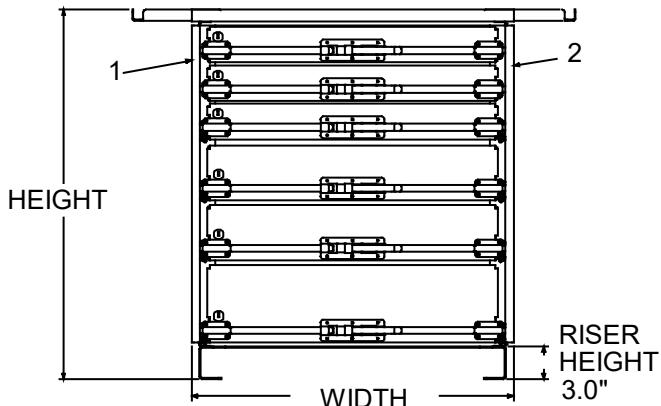
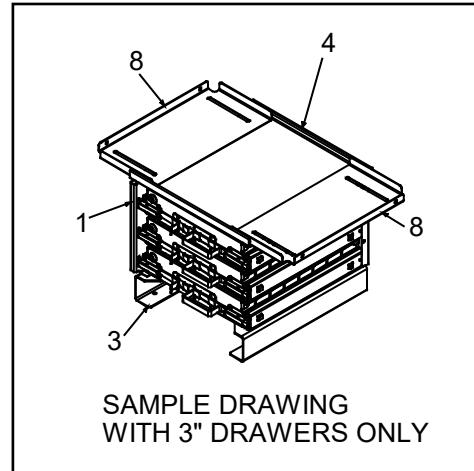
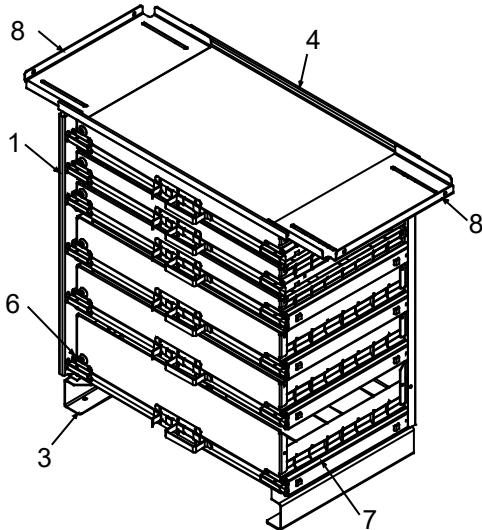
The body configuration determines the rollout drawer sets which can be used in each body.

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

DRAWER SET WIDTH	COMPARTMENT APPLICATION	PART #	3" HIGH DRAWERS	5" HIGH DRAWERS	7" HIGH DRAWERS	DRAWER SET OVERALL HEIGHT
13" WIDE	LEFT & RIGHT VERTICAL 2, LEFT REAR	70733765	5			22"
		70733766		3		21"
		70733767	3	1		21"
		70733768	3			15"
		70733769		2	1	23"
		70733780	5	2	1	41"
		70733784	5	3		39"
		70733786	3	2	1	34"
		70733787	3	2	1	40"
		70733788	8	1		39"
		70733789	6	1		31"
		70733791	3	3		32"
		70733793	3	4		38"
26" WIDE	LEFT & RIGHT VERTICAL 1	70733774	5			22"
		70733775		3		21"
		70733776	3	1		21"
		70733777	3			15"
		70733778		2	1	23"
		70733779	5	2	1	41"
		70733781	3	2	1	34"
		70733782	8	1		39"
		70733783		5	1	40"
		70733785	5	3		39"
		70733790	6	1		31"
		70733792	3	3		32"
		70733794	3	4		38"
39" WIDE	LEFT & RIGHT HORIZONTAL COMPARTMENTS	70733770	5			22"
		70733771		3		21"
		70733772	3	1		21"
		70733773		2	1	23"

Drawer Set Reference Drawing

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



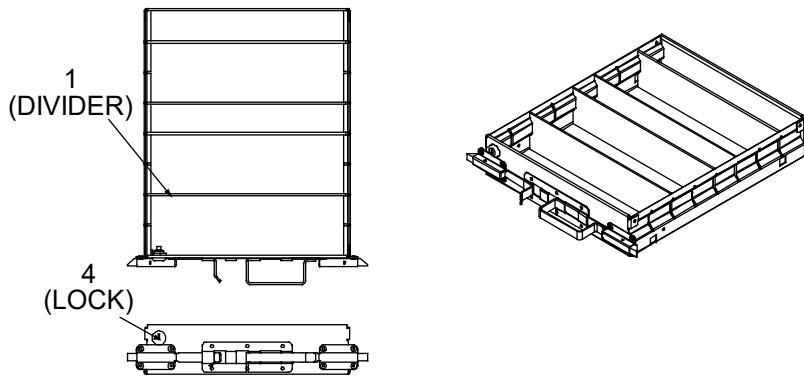
NOTE:

- 1 Complete drawer set part numbers are included in **Parts List, Drawer Units and Kits** (on page 112).
- 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. drawer slides.

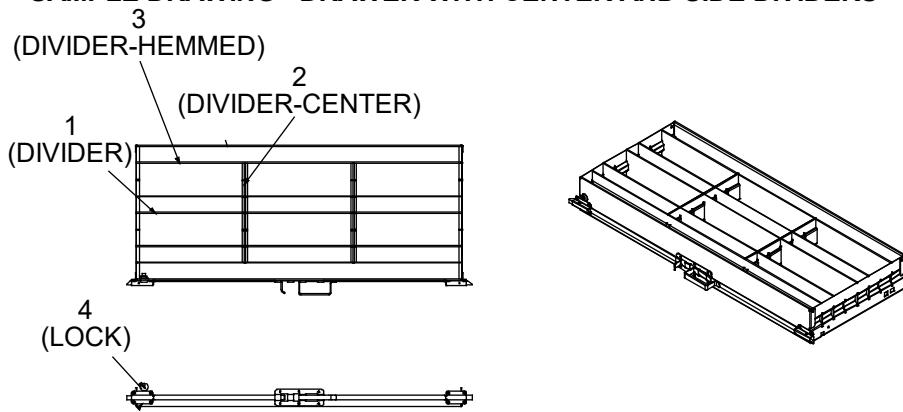
ITEM	DESCRIPTION	13" SET	26" SET	39" SET
1.	PANEL-SIDE, LH	REF	REF	REF
2.	PANEL-SIDE, RH	REF	REF	REF
3.	RISER	60130555	60130556	60130557
4.	SHELF	60130552	60130553	60130554
5.	PANEL-DRAWER BACK	REF	REF	REF
6.	DRAWER SLIDE W-TABS LH	70734171	70734171	70734171
7.	DRAWER SLIDE W-TABS RH	70734173	70734173	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.

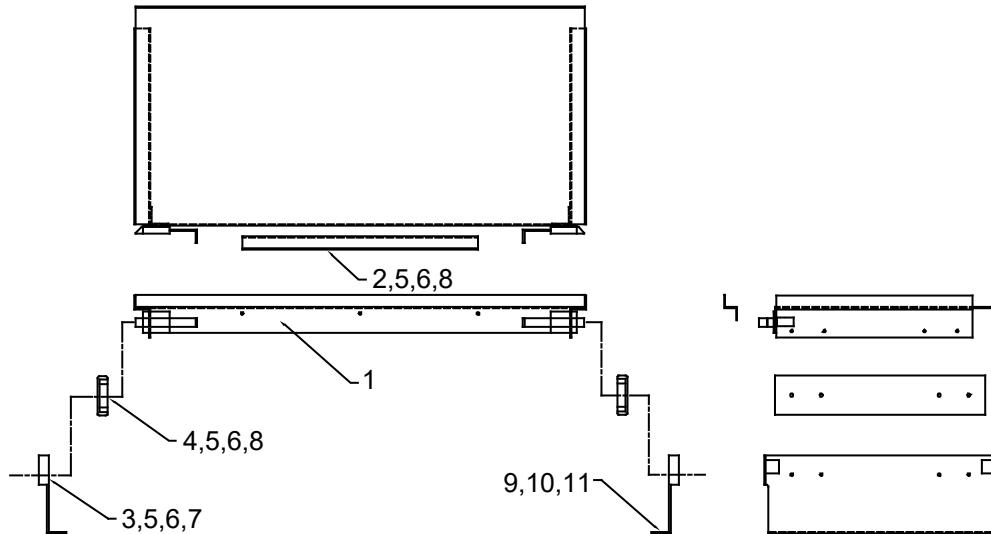
DRAWER PART #	DRAWER WITH DIVIDER DIMENSIONS	DRAWER COMPONENT PART NUMBERS (QUANTITY IN PARENTHESSES)		
		ITEM 1-DIVIDER	ITEM 2- DIVIDER, CENTER	ITEM 3- DIVIDER, HEMMED
70733800	3" H X 13" W	60251081 (4)		
70733802	5" H X 13" W	60251233 (4)		
70733803	7" H X 13" W	60251233 (4)		
70733798	3" H X 26" W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

Compartment Options

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

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

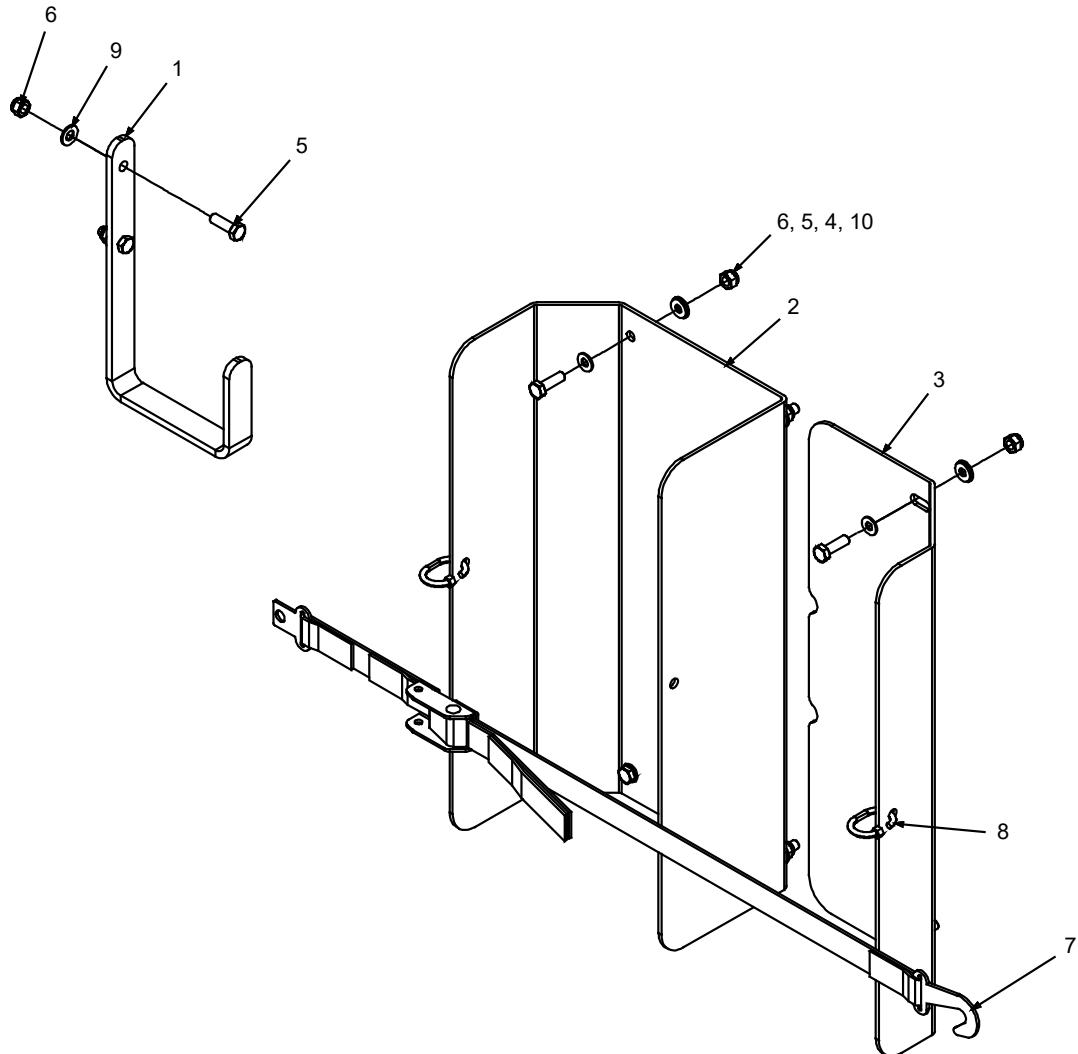
Tool Box Tray (51711548)



51711548 PARTS LIST

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

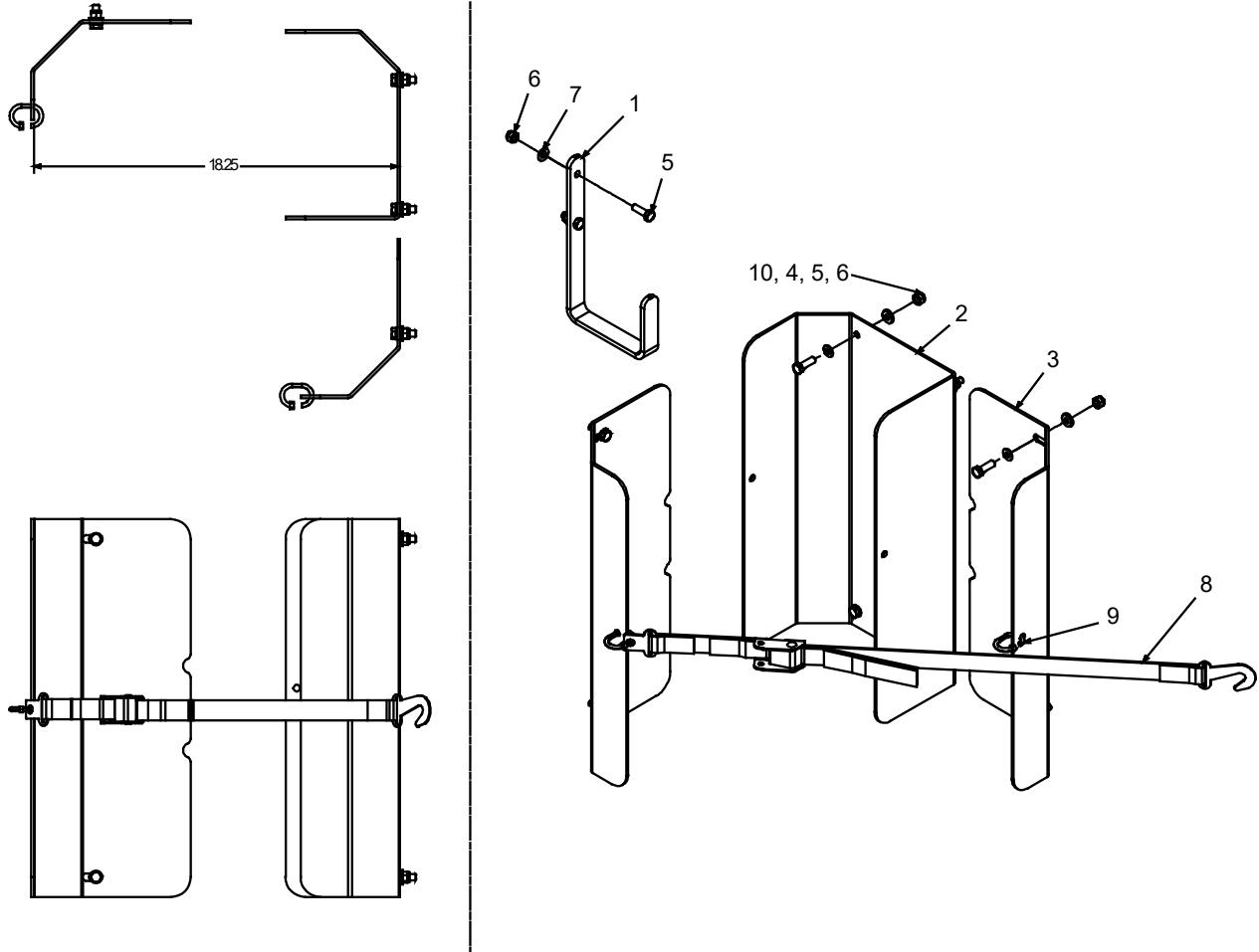
Tank Bracket, 2-Bottle (51719752)



51719752 PARTS LIST

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

Tank Bracket, 3-Bottle (51720021)



51720021 PARTS LIST

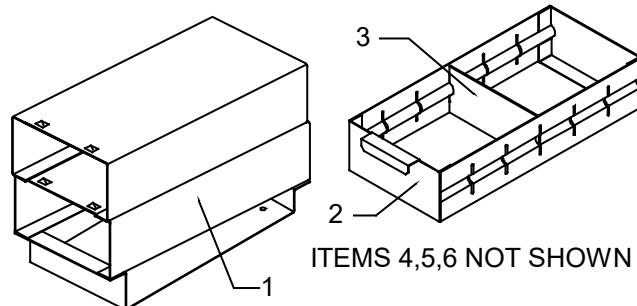
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60140829	HOOK-J HOSE CMPT	1
2.	60129198	D(II)-BRACKET OXY/ACET BOTTLE DOM1	1
3.	60129197	D(II)-BRACKET OXY/ACET BOTTLE DOM1	2
4.	72063001	WASHER .25 FLAT	8
5.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	10
6.	72062109	NUT .31-18 HEX NYLOCK	10
7.	72063002	WASHER .31 FLAT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

Pull-Out Bin Sets

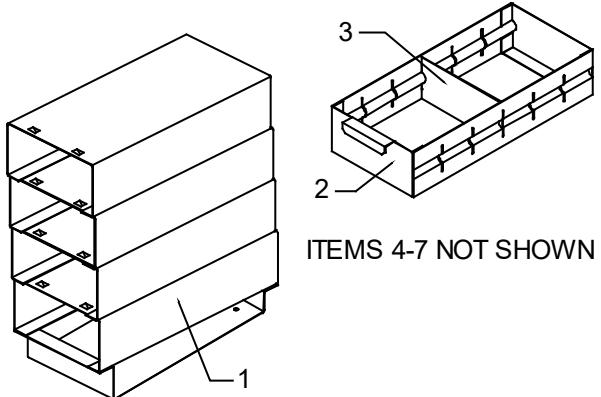
Pull-out bins are available for IMT Dominators in sets of 2, 4, 5, 16, and 18 units.

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 1/4-20X3/4 HHGR5	4	4	4	8	8
5.	72062104	NUT 1/4-20 LOCK	4	4	4	8	8
6.	72063001	WASHER 1/4 WRT	8	8	8	16	16

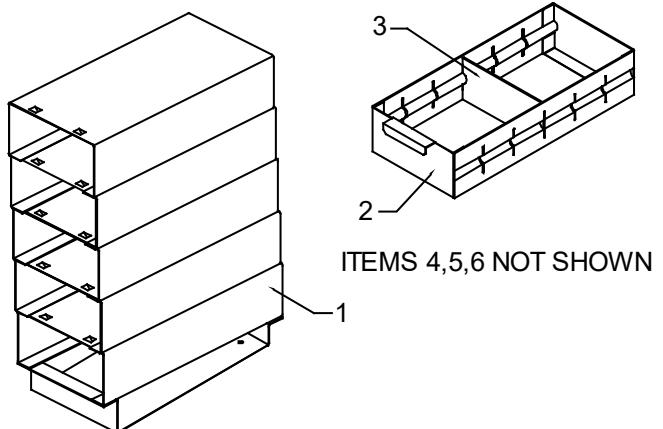
2-Bin Set with Base (51712650)



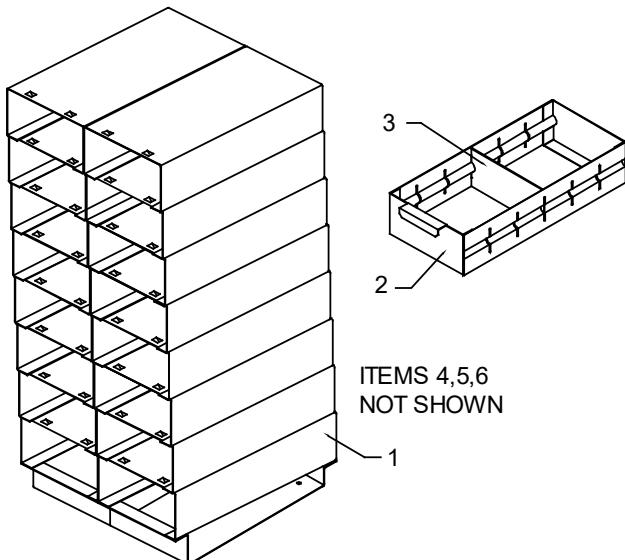
4-Bin Set with Base (51704193)



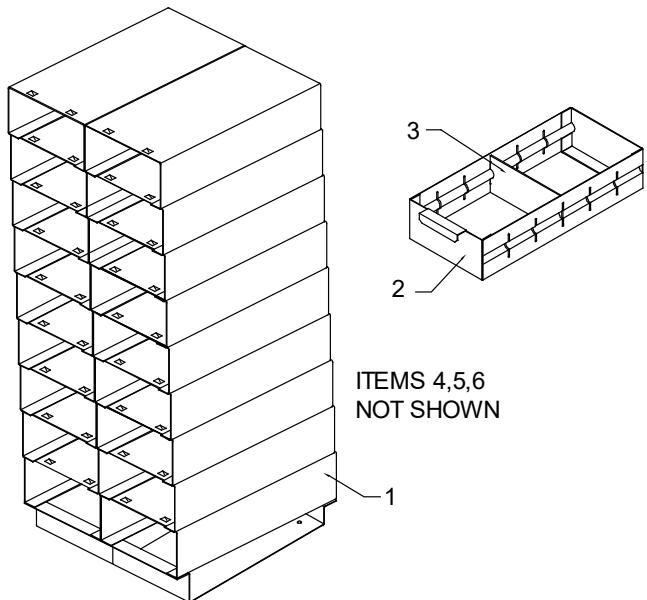
5-Bin Set with Base (51704194)



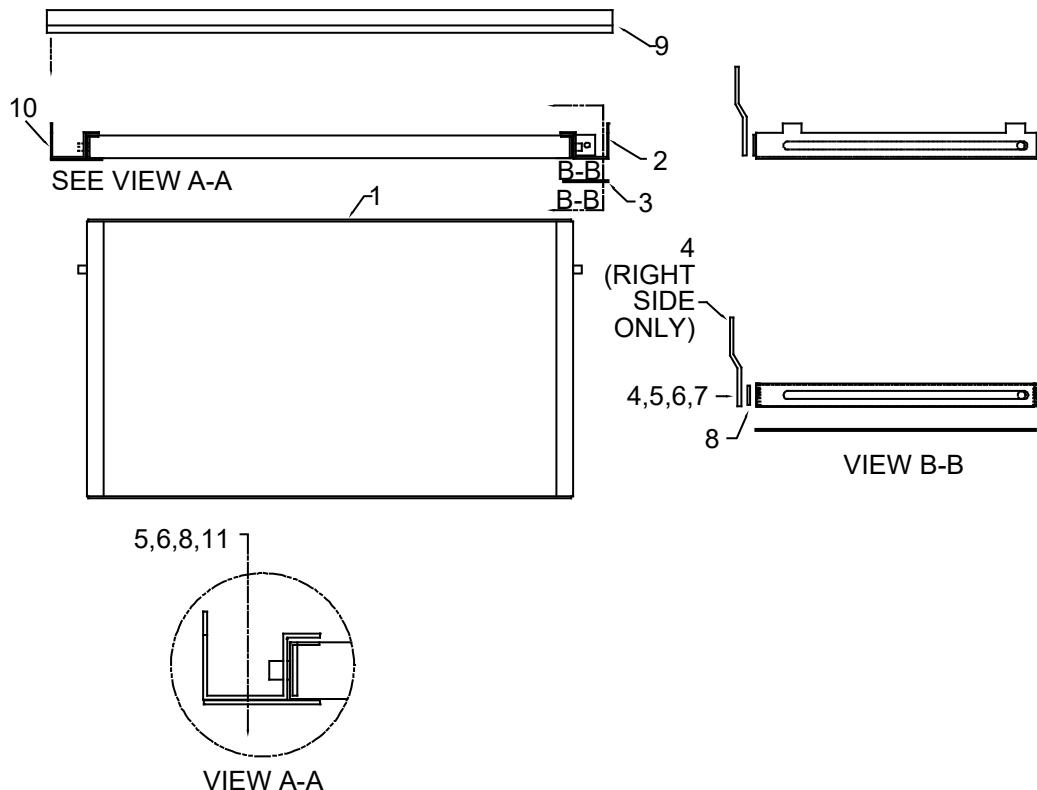
16-Bin Set with Base (51709946)



18-Bin Set with Base (51704282)



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			

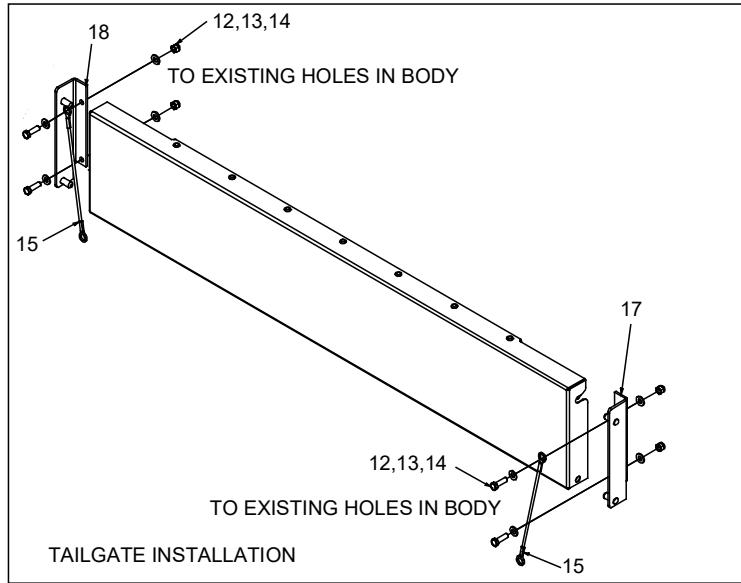
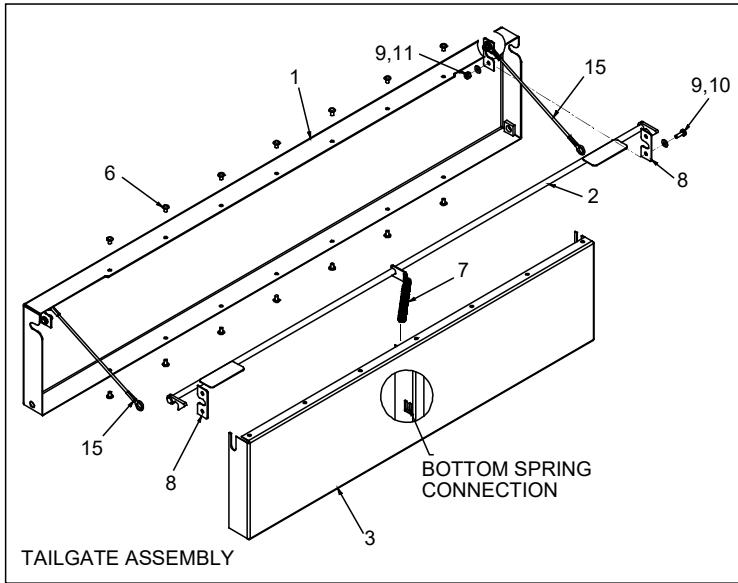
CHAPTER 5

Tailgate & Bumper Options

In This Chapter

Tailgate Assembly (51718801)	126
Bumper Hitch & Workbench Options	128

Tailgate Assembly (51718801)



INSTALLATION NOTES:

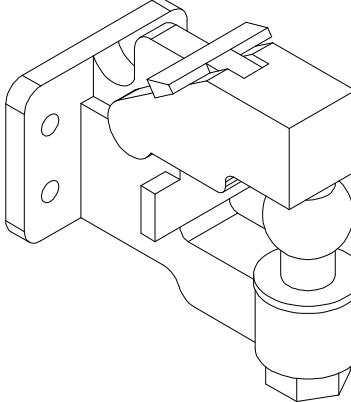
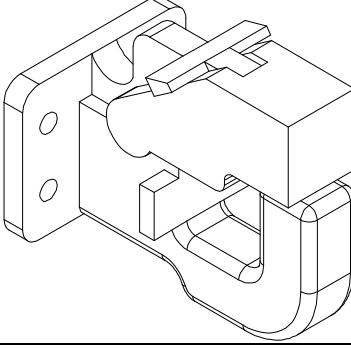
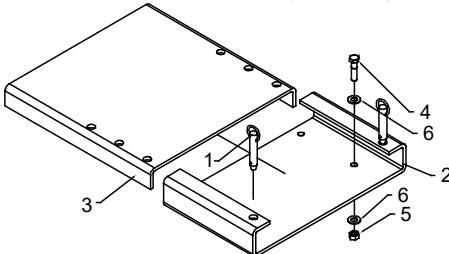
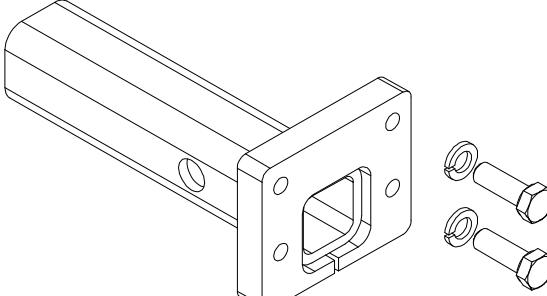
- 1 INSTALL ROD WELDMENT #2 INTO PANEL #3 SLOTS.
- 2 CONNECT SPRING #7 BETWEEN PANEL #3 BRACKET AND ROD #2 BRACKET.
- 3 JOIN PANEL #1 OVER PANEL #3.
- 4 CONNECT PANEL #1 TO PANEL #3 WITH RIVET #6.
- 5 INSERT LOWER MOUNTING PIN OF MOUNTING BRACKETS #17 AND #18 INTO LOWER HOLE OF ASSEMBLED TAILGATE.
- 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 SCREW-.25-20X .75 HH GR5Z (WAS 72601827)	4
11.	72062104	NUT .25-20 HEX NYLOC (WAS 72062194)	4
12.	72063003	WASHER .38 FLAT (WAS SS)	8
13.	72060047	CAP SCREW .38-16X 1.25 HHGR5Z (WAS 72601835)	4
14.	72062103	NUT .38-16 HEX NYLOC (WAS 72062197)	4
15.	72661600	CABLE, PLASTIC COATED	2

51718801 PARTS LIST			
17.	52719638	TAILGATE POST WELDMENT, RH	1
18.	52719639	TAILGATE POST WELDMENT, LH	1
REV. F 2007			

Bumper Hitch & Workbench Options

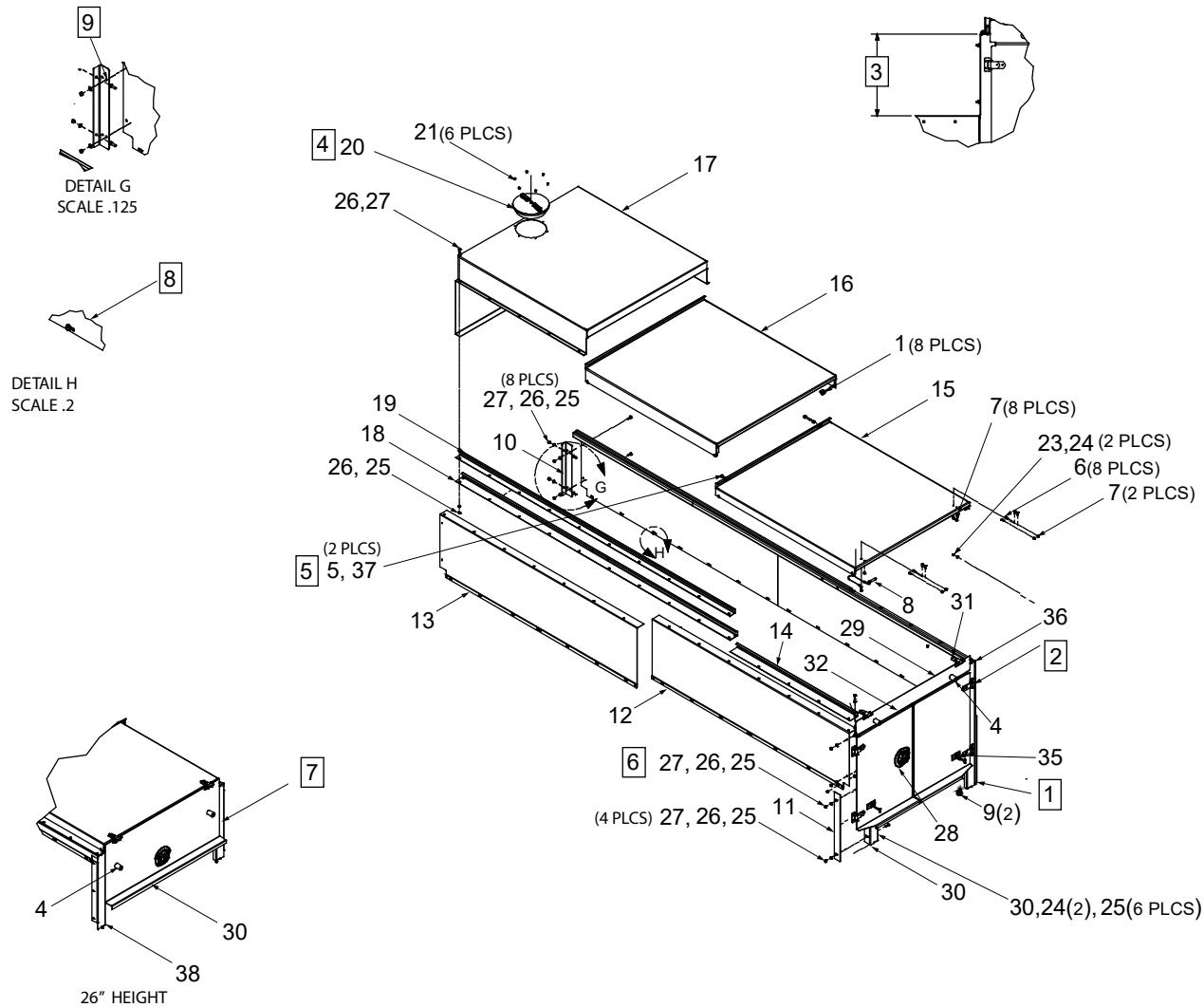
Dominator I/DSC20 Bumper Hitch & Workbench Options		
PART NUMBER	DESCRIPTION	NOTES
51709516	Pintle ball combination with 2" removable ball for hitch receiver mounting	
51709517	Hitch for hitch receiver mounting	
51710172	Vise mounting bracket	<p>Can be located on RH side, LH side, or both with quantity of 2</p>  <p>Note: See drawing 99903161 for installation instructions.</p>
70733332	Combination vise, 5"	Can be located on RH side, LH side, or both with quantity of 2
60117003	Vise plate, weld-on 12" x 12" x 1/2"	Can be located on RH side, LH side, or both with quantity of 2
51720004	Pintle hitch mount	

CHAPTER 6

Telescoping Tops

DSC20 Telescopic Top Installation (99903675)

Effective 06/30/2016



NOTES:

1. Secure post on the crane side with items: 22, 24, & 26.
2. For assemblies with swing-out doors, the rear post will be .09" behind the back of the side pack.
3. 18.25" on a 43" Height retract top, 0.99" on a 26" Height retract top.
4. Lid used on short 26" Bodies only.
5. If rear doors are shut and center section does not move, these are to be omitted. If center section moves these are to be used to take up slack. It is to be expected that the heads of these bolts will contact the front of the assembly, which may distort the paint inside the panel.
6. Quantity varies (two sides).

7. For assemblies with swing-up doors, the rear post will be "flush" with the back of the side pack.
8. The fasteners are to be installed with the nut "inside" the compartment. Exception is if they interfere with a compartment option, such as roll-out drawers. In that case, only the affected fasteners will have the nut on the cargo bed side.
9. Fasteners are required in only one pair of side holes. Use forward holes if not covered by side pack back. If covered by side pack back, use rearward holes to miss shelf hanger strips. Add caulking to unused holes.

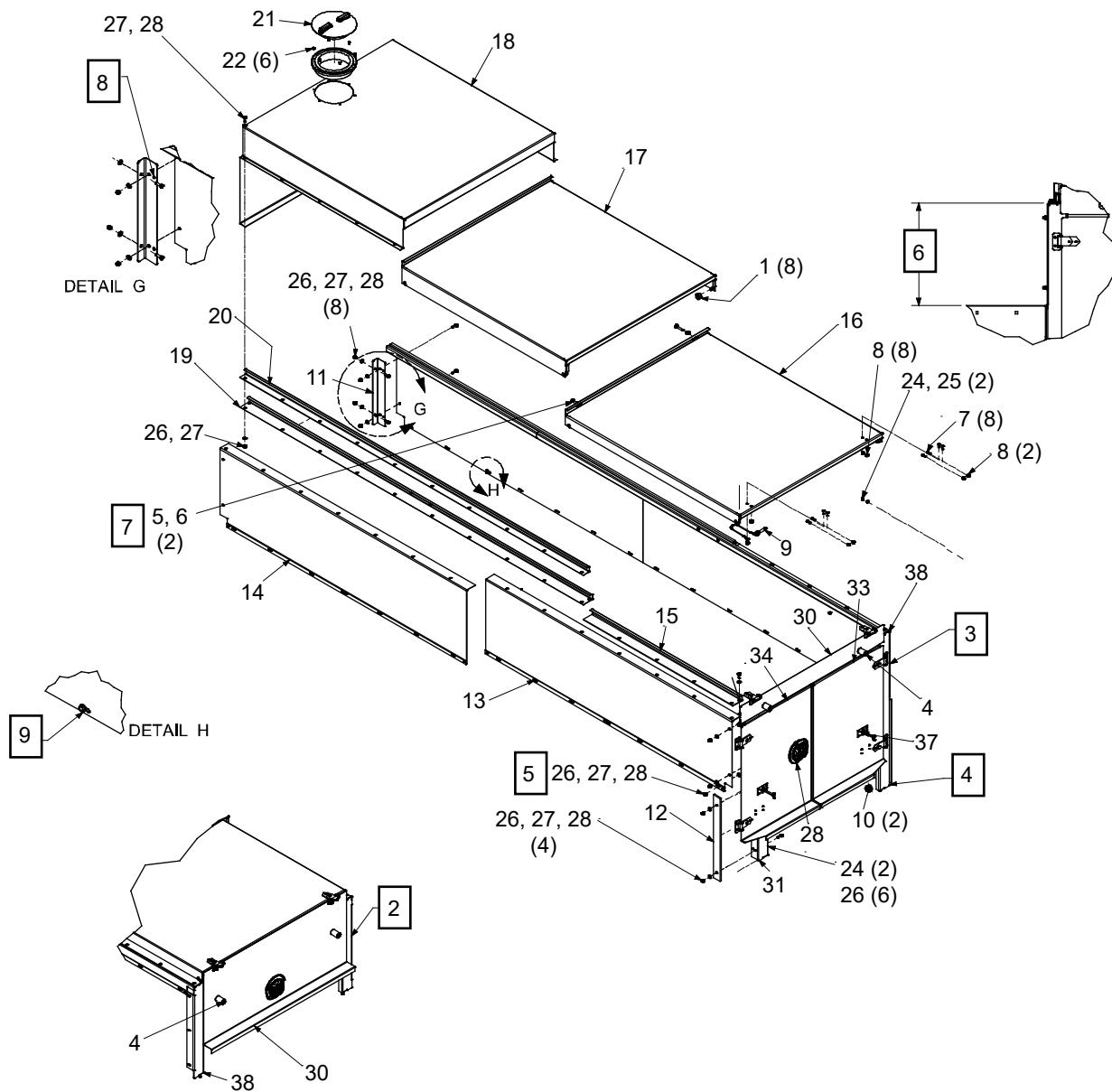
Complete assembly detail is for the 43" Height version and its associated swing doors. There is also a view detailing the 26" Height version with its hinge-up door.

MODEL>>		9'L 26"H	9'L43"H	11'L 26"H	11'L 43"H	13'L 26"H	13'L 43"H	14'L 26"H	14'L 43"H
ASM P/N >>		51718870	51718558	51718853	51718898	51718899	51718900	51718901	51718902
ITEM DESCRIPTION	ITEM #								
ANGLE-FRONT FILLER	11	N/A	60128518	N/A	60128518	N/A	60128518	N/A	60128518
SPACER-REAR POST	12	N/A	60126567	N/A	60126567	N/A	60126567	N/A	60126567
MTG BRACKET-SIDE	13	52718854	52718855	52719467	52719207	52719205	52719213	52719206	52719209
MTG BRACKET-SIDE	14	N/A	N/A	N/A	N/A	52719210	N/A	52719211	N/A
TRACK-LOWER	15	N/A	N/A	N/A	N/A	60128597	60128597	60129092	60129092
TOP-REAR	16	52718060	52718060	52719460	52719460	52719218	52719218	52719219	52719219
TOP-CENTER	17	52718001	52718001	52719459	52719459	52719216	52719216	52719217	52719217
TOP-FRONT	18	52718857	52725537	52719458	52723341	52719212	52726224	52719696	52719697
TRACK-LOWER	19	60126570	60126570	60128898	60128898	60128596	60128596	60129091	60129091
TRACK-UPPER	20	60126571	60126571	60128897	60128897	60128598	60128598	60129093	60129093
8" LID	21	51726711	N/A	51726711	N/A	51726711	N/A	52719461	52720957
DOOR-HINGE UP	30	52719461	52720957	52719461	52720957	52719461	52720957	60128899	60131373
POST-LEFT REAR	31	60128899	60131373	60128899	60131373	60128899	60131373	N/A	52720958
DOOR-SWING WO/LATCH	33	N/A	52720958	N/A	52720958	N/A	52720958	N/A	52720959
DOOR-SEING W/LATCH	34	N/A	52720959	N/A	52720959	N/A	52720959	60113039	60131457
DOOR ROD-TOP	35	60113039	60131457	60113039	60131457	60113039	60131457	60113039	60131458
DOOR ROD-BOTTOM	36	60113039	60131458	60113039	60131458	60113039	60131458	60128899	60131379
POST-RIGHT REAR	38	60128899	60131379	60128899	60131379	60128899	60131379	51719642	51719642

99903675 Parts List Effective 06/30/2016			
ITEM NO.	PART NO.	DESCRIPTION	QTY
1	60030171	ROLLER-UHMW .52X1.25X .62 LG	8
2	72661383	HINGE-SS 10GA BUTT W/IMT LOGO OFFSET	6
3	72661599	LATCH ASM-3PT COMPRESSION (BLACK)	1
4	70391615	BUMPER-RUBBER 1.25 DIA X 1.88	2
5	72062002	NUT .38-16 HEX	KIT
6	72601652	SCR-MACH .25-20X .75TRHTORXSS	KIT
7	72062194	NUT-SS .25-20 NYLOC	KIT
8	71734026	PIN-QUICK RLSE .50D/1.5 W/ 12inL	1
9	72060833	SCR-THRD.CUT .31-18X.75 HWH-1	KIT
10	#11	ANGLE-T TOP FRONT FILLER 17.50	2
11	#12	D(II)-SPACER REAR POST 43 H	2
12	#13	D(II)-BRACKET-SIDE T TOP WLDMT	2
13	#14	D(II)-BRACKET-SIDE T TOP WLDMT	2
14	#15	D(II)-TRACK-T TOP LOWER RFLR	2
15	#16	D(II)-TOP-TELESCOPE REAR SECT	1

99903675 Parts List Effective 06/30/2016			
ITEM NO.	PART NO.	DESCRIPTION	QTY
16	#17	D(II)-TOP-TELESCOPE CTR SECT	1
17	#18	D(II)-TOP-TELESCOPE FRT SECT	1
18	#19	D(II)-TRACK-T TOP LOWER LFRR	2
19	#20	D(II)-TRACK-T TOP UPPER	2
20	51726711	LID 8IN - TETHER 16IN ASM	1
21	72066340	RIVET-POP AL .12 X .375 GRIP	KIT
22	72060640	SCR-MACH 10-24X 1.50 RDH	KIT
23	72062106	NUT 10-24 HEX NYLOCK	KIT
24	72063000	WASHER .19 W FLAT ANSI B27.2Z	KIT
25	72062109	NUT .31-18 HEX NYLOCK	KIT
26	72063002	WASHER .31 FLAT	KIT
27	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	KIT
28	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	KIT
29	#30	D(II)-DOOR-TEL TOP WLDMT FLIP UP DOOR	1
30	#31	D(II)-PANEL T-TOP REAR POST LR	1
31	#33	D(II)-DOOR-TEL TOP WLDMT W-SWING WO-LTCH 31H	1
32	#34	D(II)-DOOR-TEL TOP WLDMT W-SWING W-LTCH	1
33	#35	ROD-DOOR W/.75" OFFSET TOP	1
34	#36	ROD-DOOR W/ 2.75" OFFSET BOTTOM	1
35	71415474	DOOR CATCH-ASM STAINLESS STEEL 4" 2 PC	2
36	#38	D(II)-PANEL T-TOP REAR POST RR	1
37	72602141	CAP SCR .38-16X 2.00 HH GR5 Z TB	2
REV. L 20160815			

DSC20 Telescopic Top Installation (99903675)



NOTES (SEE REFERENCE NUMBER IN BOX):

- 1 THE COMPLETE ASSEMBLY DETAIL IS FOR THE TOP WHICH IS 43" (1092 mm) ABOVE THE LOADBED. VIEW A SHOWS THE HINGE-UP DOOR ON THE TOP THAT IS 26" (660 mm) ABOVE THE LOADBED.
- 2 ON ASSEMBLIES WITH HINGE-UP DOORS, THE REAR POST WILL BE FLUSH WITH THE BACK OF THE SIDEPACK.
- 3 ON ASSEMBLIES WITH SWING-OUT DOORS, THE REAR POST WILL BE 0.09" BEHIND THE BACK OF THE SIDEPACK.
- 4 SECURE POST ON THE CRANE BOX SIDE WITH ITEMS #22, 24, 26.
- 5 QUANTITY VARIES PER SIDE.

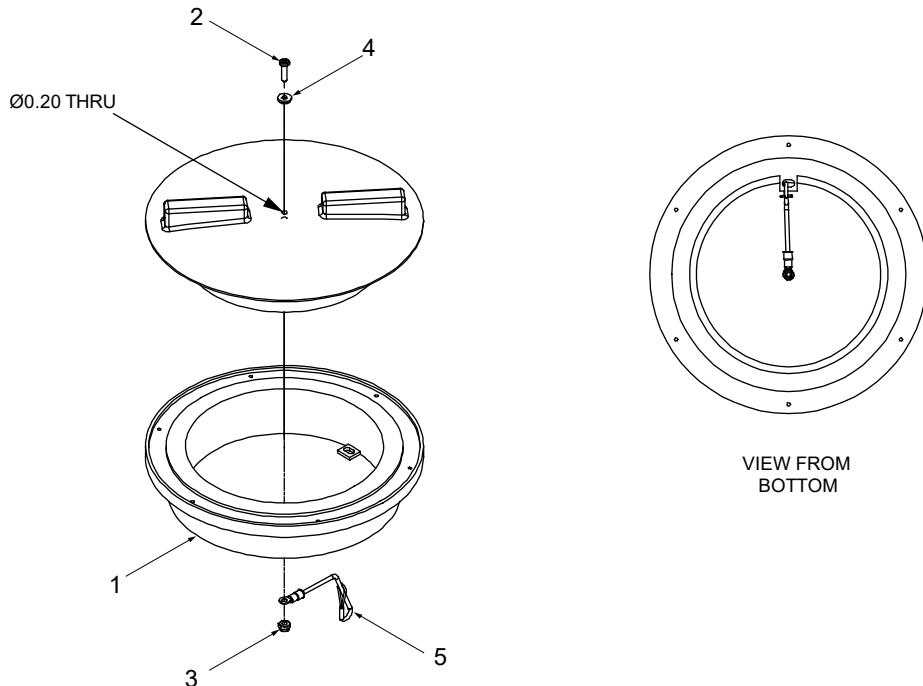
- 6 HEIGHT BETWEEN SIDEPACK AND TOP- 18.25" (463.5 mm) FOR TOP WHICH IS 43" (1092 mm) ABOVE THE LOADED BED; 1" (25 mm) FOR TOP WHICH IS 26" (660 mm) ABOVE THE LOADED BED.
- 7 IF REAR DOORS ARE SHUT AND CENTER SECTION DOES NOT MOVE, THESE ARE TO BE OMITTED. IF CENTER SECTION MOVES THESE ARE TO BE USED TO TAKE UP SLACK. IT IS TO BE EXPECTED THAT THE HEADS OF THESE BOLTS WILL CONTACT THE FRONT OF THE ASSEMBLY.
- 8 FASTENERS ARE REQUIRED IN ONLY ONE PAIR OF SIDE HOLES. USE FORWARD HOLES IF NOT COVERED BY SIDEPACK BACK. IF COVERED BY SIDEPACK BACK, USE REARWARD HOLES TO MISS SHELF HANGER STRIPS. ADD CAULKING TO UNUSED HOLES.
- 9 THE FASTENERS ARE TO BE INSTALLED WITH THE NUT "INSIDE" THE COMPARTMENT. THE EXCEPTION IS IF THEY INTERFERE WITH A COMPARTMENT OPTION SUCH AS ROLLOUT DRAWERS.

TELESCOPING TOP COMPONENT KIT INFORMATION

	MODEL	9' L 26" H	9' L 43" H	11' L 26" H	11' L 43" H
ITEM DESCRIPTION	PART #	51718870	51718558	51718853	51718898
ANGLE	#11	N/A	60128518	N/A	60128518
SPACER	#12	N/A	60126567	N/A	60126567
MTG BRACKET-SIDE	#13	52718854	52718855	52719467	52719207
MTG BRACKET-SIDE	#14	N/A	N/A	N/A	N/A
TRACK-LOWER	#15	N/A	N/A	N/A	N/A
TOP-REAR	#16	52718060	52718060	52719460	52719460
TOP-CENTER	#17	52718001	52718001	52719459	52719459
TOP-FRONT	#18	52718857	52718858	52719458	52718856
TRACK-LOWER	#19	60126570	60126570	60128898	60128898
TRACK-UPPER	#20	60126571	60126571	60128897	60128897
LID-ASM 8in	#21	51726711	N/A	51726711	N/A
DOOR-HINGE UP	#30	52719461	52720957	52719461	52720957
POST-LEFT REAR	#31	60128899	60131373	60128899	60131373
DOOR-SWING W/O LATCH	#33	N/A	52720958	N/A	52720958
DOOR-SWING W/LATCH	#34	N/A	52720959	N/A	52720959
DOOR ROD-TOP	#35	60113039	60131457	60113039	60131457
DOOR ROD-BOTTOM	#36	60113039	60131458	60113039	60131458
POST-RIGHT REAR	#38	60128899	60131379	60128899	60131379
HARDWARE KIT		51719679	51719679	51719679	51719679

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	8" TETHERED LID-ASSEMBLY	A/R
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.	71415474	DOOR CATCH-ASM SS 4" 2 PC (WAS 71412598)	2
38.	#38 (SEE CHART)	PANEL T-TOP REAR POST RR	1
REV. J 20140827			

Tethered Lid Assembly (51726711)

VIEW FROM
BOTTOM

51726711 PARTS LIST			
ITEM	PART #	DESCRIPTION	QTY
1.	70395940	LID-ASM 8in PLSTC ACCESS COVER DOM T-TOP	1
2.	72060639	SCR-MACH #10-24X .75 RDH PH ZINC	1
3.	72062106	NUT 10-24 HEX NYLOCK	1
4.	72062382	WASHER-BONDED .19 PLTD	1
5.	70661759	LANYARD – 16in 1 LOOP	1

REV A 20151117

CHAPTER 7

Air System Options

In This Chapter

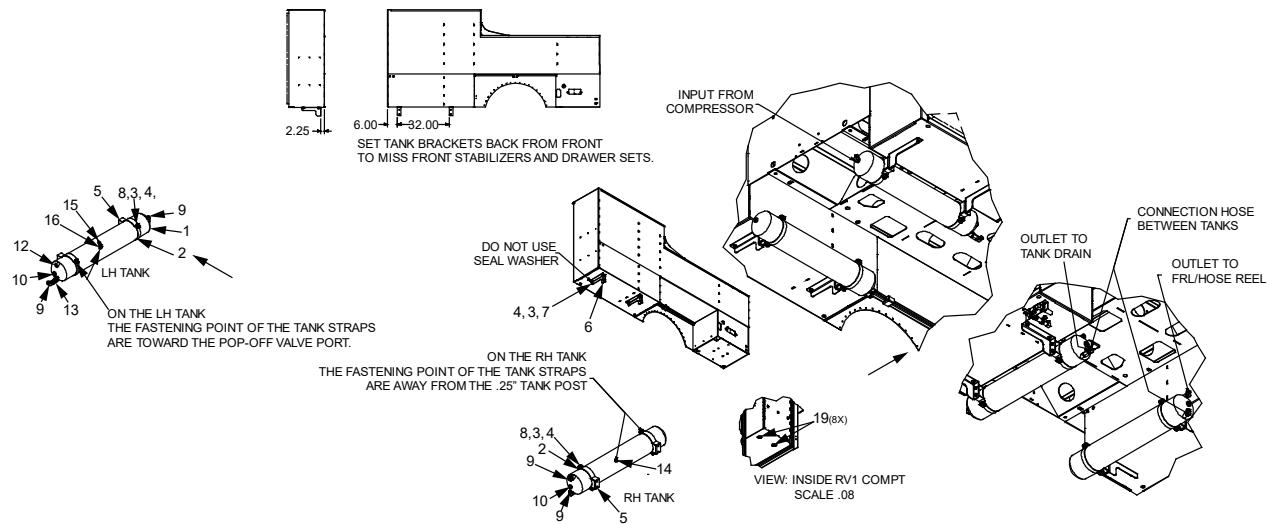
Air Tank Options.....	137
Air Tank Kit, Dual 10 Gallon (51717200)	137
Air Tank Kit, 22 Gallon (51714204).....	143
Air Tank Kit, 22.5 Gallon (51706697).....	145
Air Tank Kit, 35 Gallon (51708336).....	146
Air Tank Kit, 58 Gallon (51708369).....	147
Air Tank Drain Assembly (51709358).....	149
Stepless Ear Clamp Installation (99904411).....	151
Moisture Separator / Regulator / Oiler Assembly (51714805)...	152
Moisture Separator / Regulator / Oiler Parts (51714805).....	153
Moisture Separator / Regulator / Oiler Installation	154
Hose Reel (51725644)(Effective 6/05/14).....	155
Hose Reel (51713651)(Through 6/05/14)	156

Air Tank Options

PART #	DESCRIPTION	LOCATION
51717200	Air Tanks, 2-10 Gal (20 Gal Total)	Mount below running boards on each side.
51714204	Air Tank, 22 Gal	Mount one side parallel to driveshaft.
51706697	Air Tank, 22.5 Gal	Mount between frame rails, aft of rear axle.
51708336	Air Tank, 35 Gal	Mount on top of street side compartments.
51708369	Air Tank, 58 Gal	Mount on top of street side compartments.

Air Tank, Ford 2017 (99906094)

NOTE: THESE DRAWINGS ARE USED SPECIFICALLY ON CONFIGURATIONS PERTAINING TO THE 2017 FORD SUPER DUTY CHASSIS.



99906094 Complete Parts List

ITEM	PART NO.	DESCRIPTION	QYT
1	70733666	TANK-AIR 10 GAL 8inX48in(HOTDOG) W/BTM	2
2	60140190	STRAP-AIR TANK 10 GAL	4
3	72063003	WASHER .38 FLAT	40
4	72062103	NUT .38-16 HEX NYLOCK	24
5	52726968	BRACKET-WLDMT AIR TANK 10 GAL HOTDG 2017	4
6	60144495	BRACKET-AIR TANK 10 GAL HOTDOG 2015	4
7	72060046	CAP SCR .38-16X 1.00 HH GR5 Z	16
8	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	8
9	72534819	NIPPLE-BARB BRS .75MPT/90/.75	4
10	72053406	PLUG-PIPE SOC HD GLV 1.00	2
11	72661657	CLAMP-HOSE .75 STEPLESS EAR	4
12	72053405	PLUG-PIPE SOC HD GLV .75	2
13	72534403	TEE-STREET STL 0.75	1
14	72053402	PLUG-PIPE SOC HD GLV .25	1
15	73054032	VALVE-PRESSURE RELIEF .25 200 PSI	1
16	72532974	ELBOW-STREET BRS .25 X 90 SHORT	1
17	72053458	NIPPLE-BARB BRS .75MPT .75	1

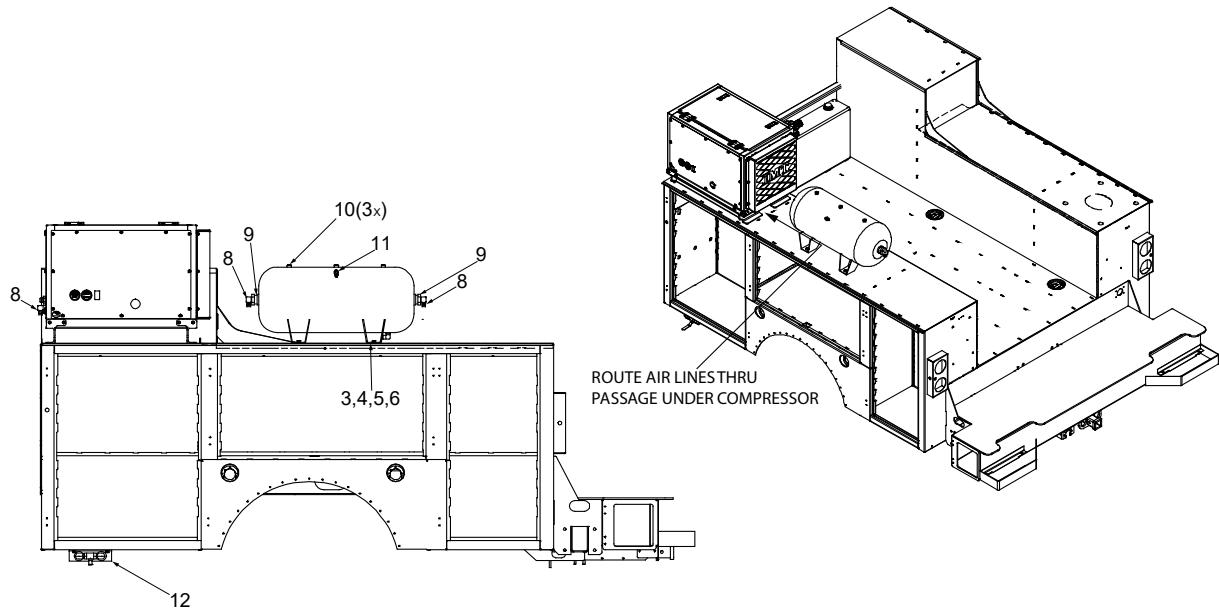
99906094 Complete Parts List

ITEM	PART NO.	DESCRIPTION	QYT
18	51709358	DRAIN ASM-AIR TANK UNDER DECK	1
19	72063323	WASHER .38X2.00 OD ZINC	8

NEW: 20160922

Air Tank, Top SDPK (99906107)

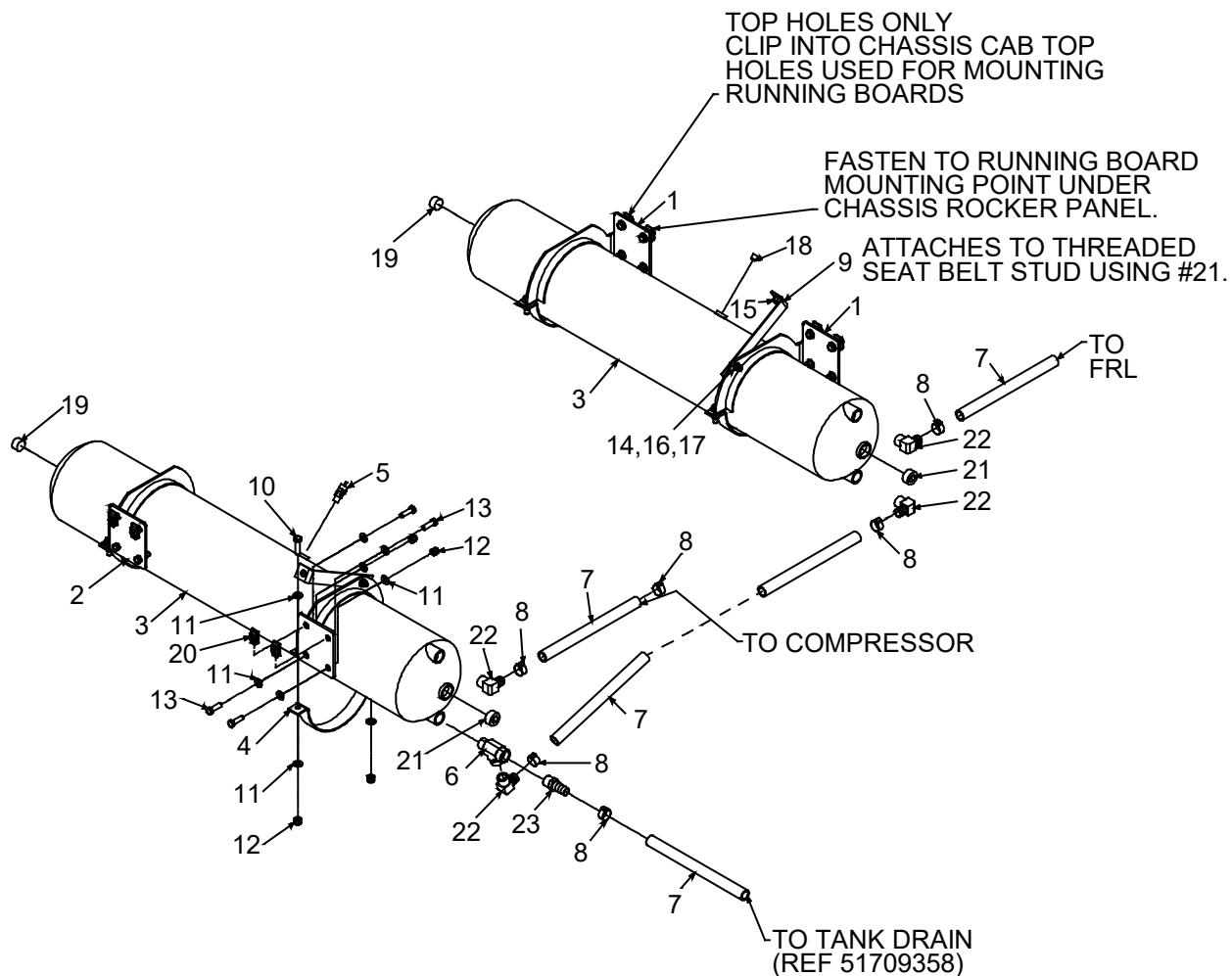
NOTE: THESE DRAWINGS ARE USED SPECIFICALLY ON CONFIGURATIONS PERTAINING TO THE 2017 FORD SUPER DUTY CHASSIS.



99906107 Complete Parts List

ITEM	PART NO	DESCRIPTION	QTY
1	70734759	AIR TANK 20 GAL WITH BRACKETS	1
2	52726910	FRAME-COMPR MTG CAS40P W-AIR LINE ROUTE	AR
3	72063003	WASHER .38 FLAT	4
4	72062103	NUT .38-16 HEX NYLOCK	4
5	76392821	WASHER-BONDED .38 PLTD	4
6	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	4
7	72533592	NIPPLE-BARB BRS .50MPT/90/.75	1
8	72534819	ELBOW-BRS .75MPT/90/.75 NIPPLE BARB	3
9	72532260	REDUCER BUSH-STL 1.50- .75	2
10	72532661	PLUG-PIPE SOC HEX STL .50	3
11	73054032	VALVE-PRESSURE RELIEF .25 200 PSI	1
12	51709358	DRAIN ASM-AIR TANK UNDER DECK	1
13	CAS80R	CAS80R	1
14	52727024	FRAME-COMPR MTG CAS80R W-AIR LINE ROUTE	AR
NEW: 20160922			

Air Tank Kit, Dual 10 Gallon (51717200)

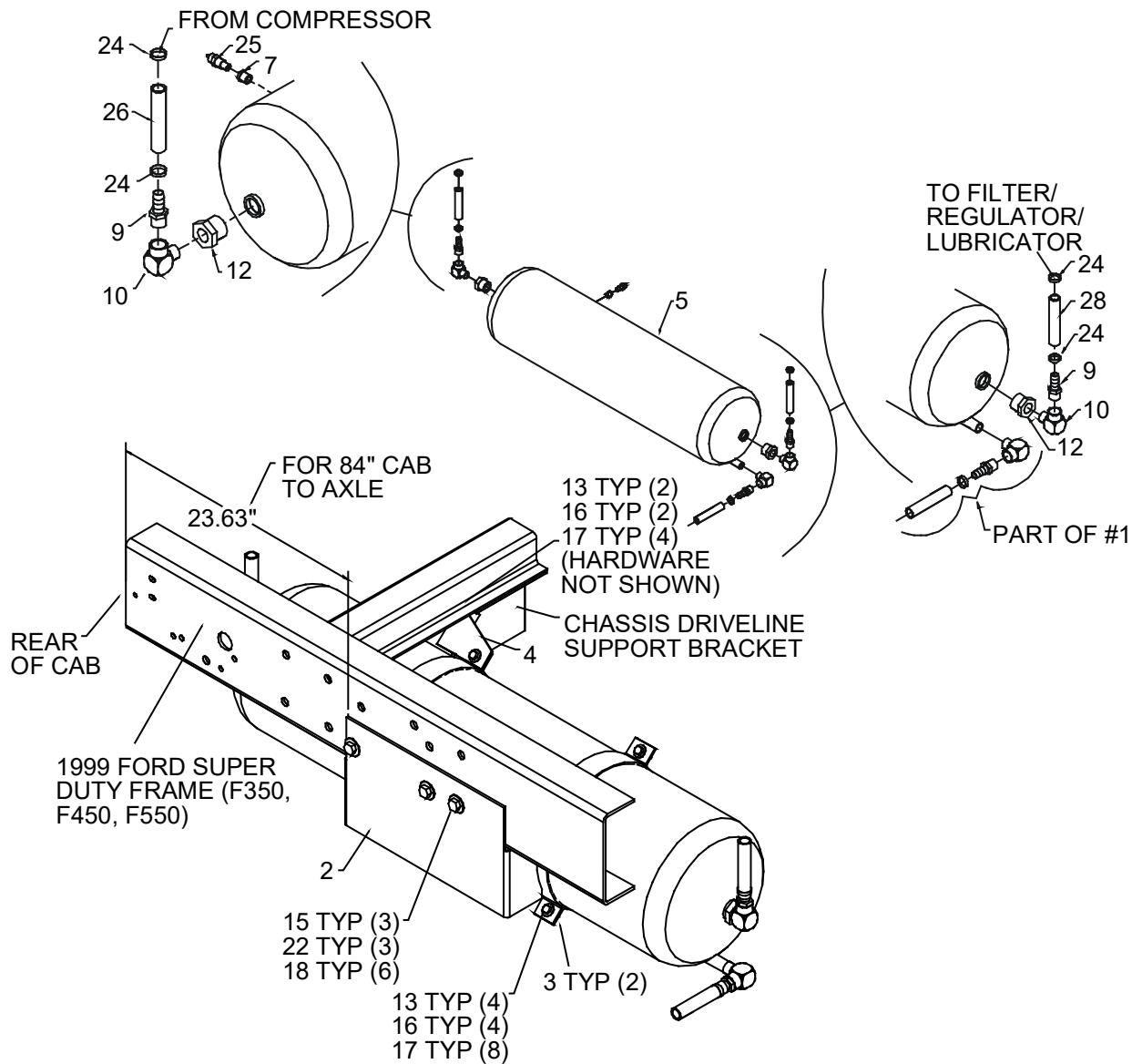


51717200 PARTS LIST

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			

Air Tank Kit, 22 Gallon (51714204)



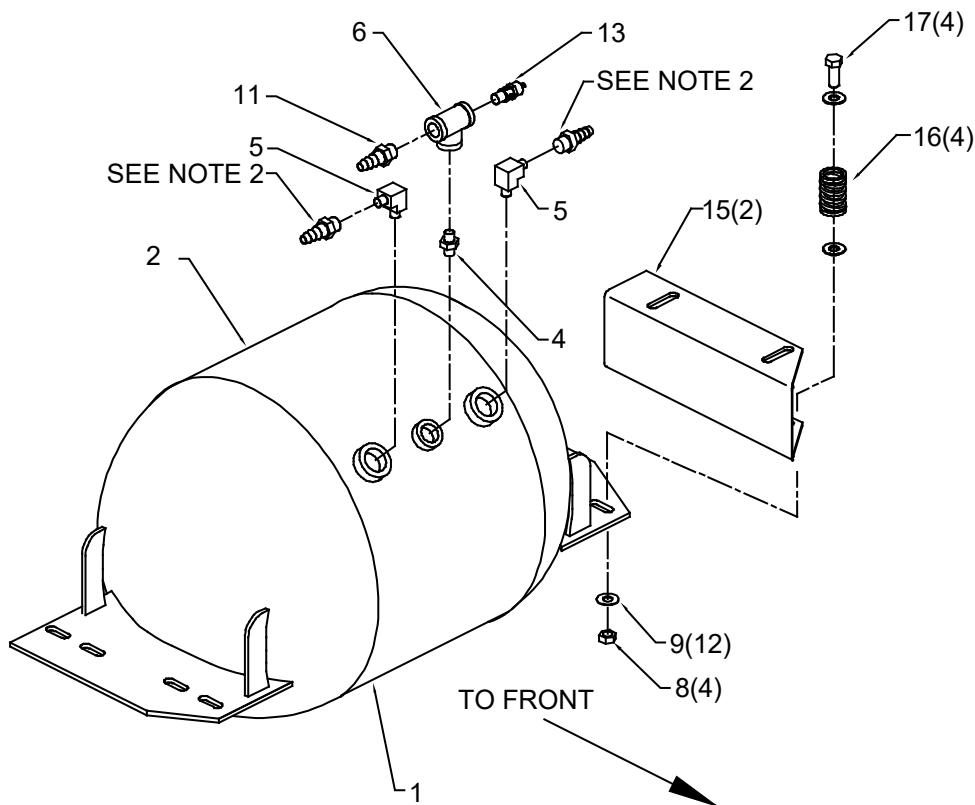
NOTES:

- 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

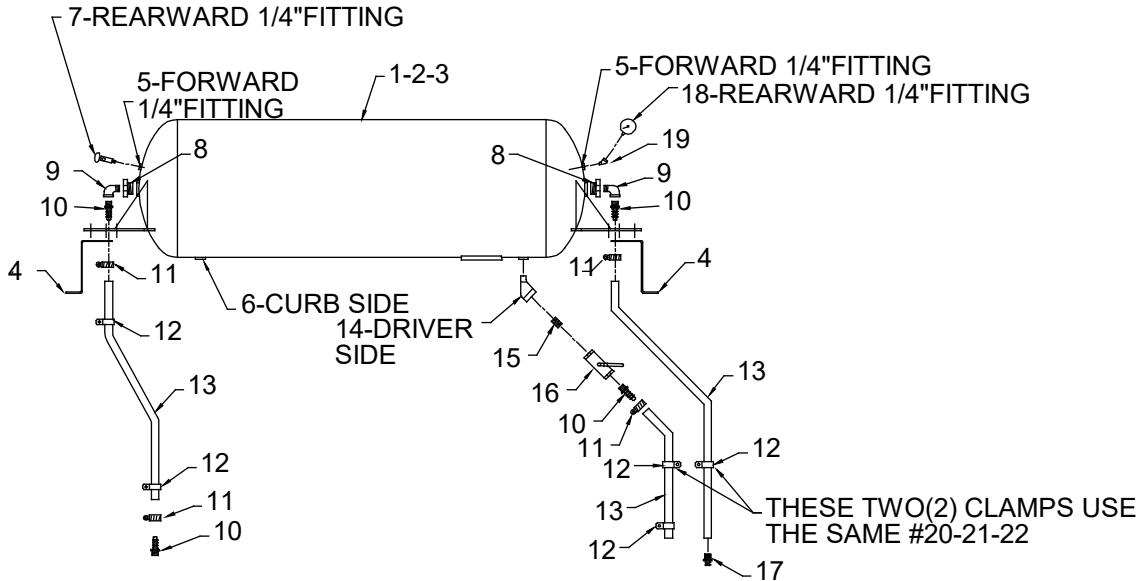
Air Tank Kit, 22.5 Gallon (51706697)



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

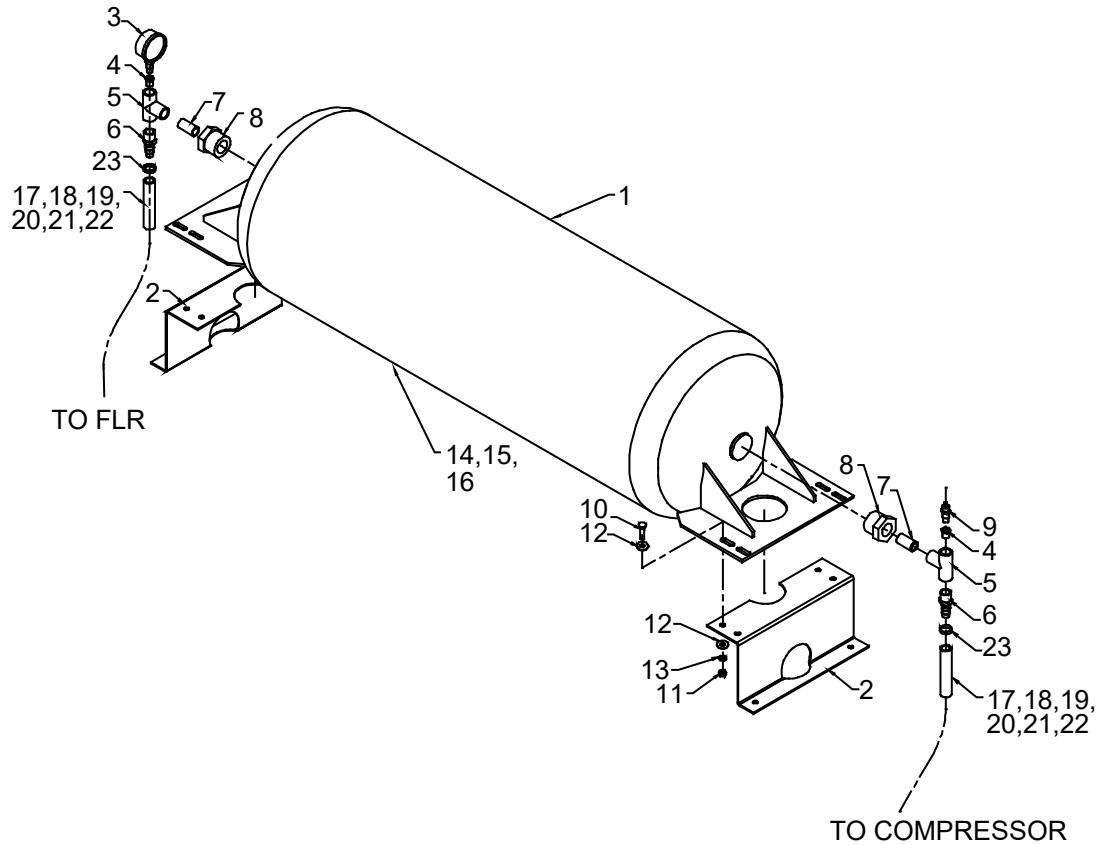
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70073063	TANK-AIR 35 GAL 14.00 X 57.00	1
2.	70391601	DECAL-AIR TANK DRAIN	1
3.	71393886	DECAL-DANGER EXPLODING TANK	1
4.	60112258	BRACKET-AIR TANK 58 GAL MECH	2
5.	72053245	PLUG-PIPE SQ HD BLK .25	2
6.	72053405	PLUG-PIPE SOC HD GLV .75	1
7.	73054032	VALVE-SAFETY .25 200 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
18.	70048015	GAUGE-PRESSURE AIR 300#	1
19.	72053170	ELBOW-STREET BLK .25 X 45°	1
20.	72060004	CAP SCR .25-20 X 1.00 HH GR5 ZINC	4

51708336 PARTS LIST

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

REV. B 20051129

Air Tank Kit, 58 Gallon (51708369)



NOTE:

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

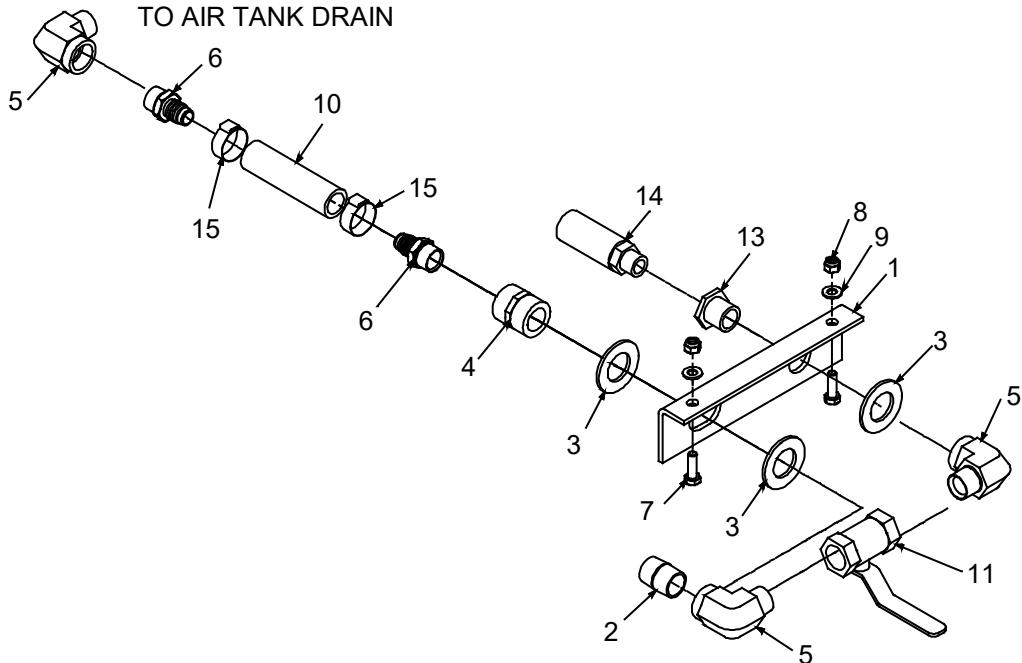
51708369 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70073808	TANK-AIR 58 GAL	1
2.	60112258	BRACKET-AIR TANK 58 GAL MECH	2
3.	70048036	GAUGE-PRESS AIR 300# BTM MNT	1
4.	72053527	REDUCER BUSH-BLK .75-.25	2
5.	72053604	TEE-BLK .75	2
6.	72532832	HOSE HTG-TYPE O .75 .75 STL	2
7.	72053141	NIPPLE-PIPE BLK .75 X CLOSE	2
8.	72532852	REDUCER BUSH-BLK 2.00-.75	2
9.	73054032	VALVE-SAFETY .25 200 PSI	1
10.	72060046	CAP SCR .38-16 X 1.00 HH GR5 Z	12
11.	72062002	NUT .38-16 HEX ZINC	12
12.	72063003	WASHER .38 W FLAT AHSI B27.2Z	12
13.	72063051	WASHER .38 LOCK ZINC	12
14.	51709358	DRAIN ASM-AIR TANK UNDER DECK	1
15.	72066534	CLAMP-HOSE VINYL COVERED .25	3

51708369 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
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 .25-20 X .75 HH GR5 Z	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			

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.



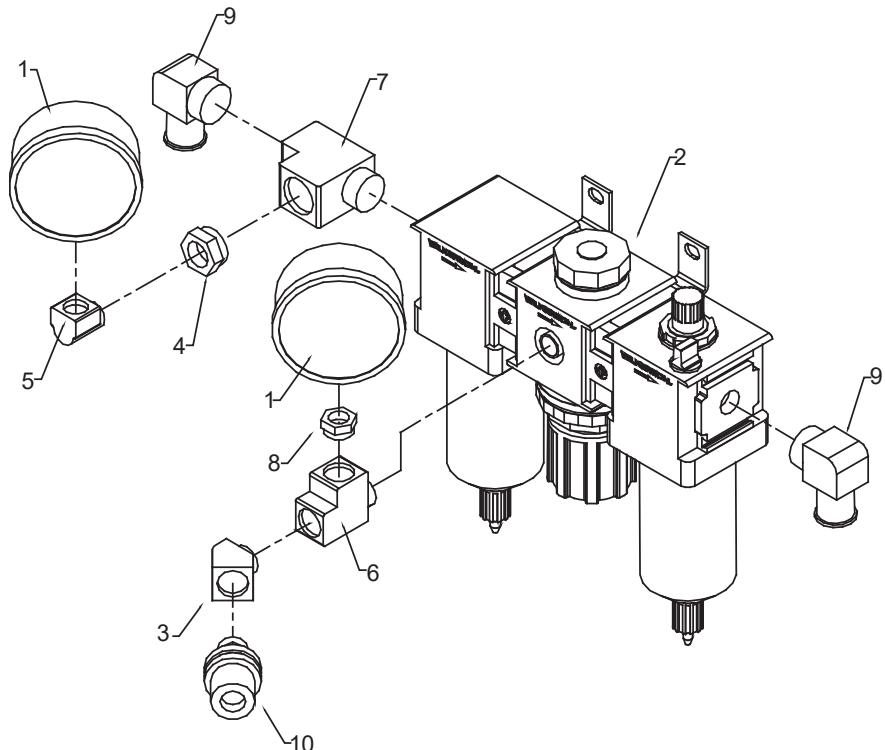
REMOVING A STEPLESS EAR CLAMP

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)



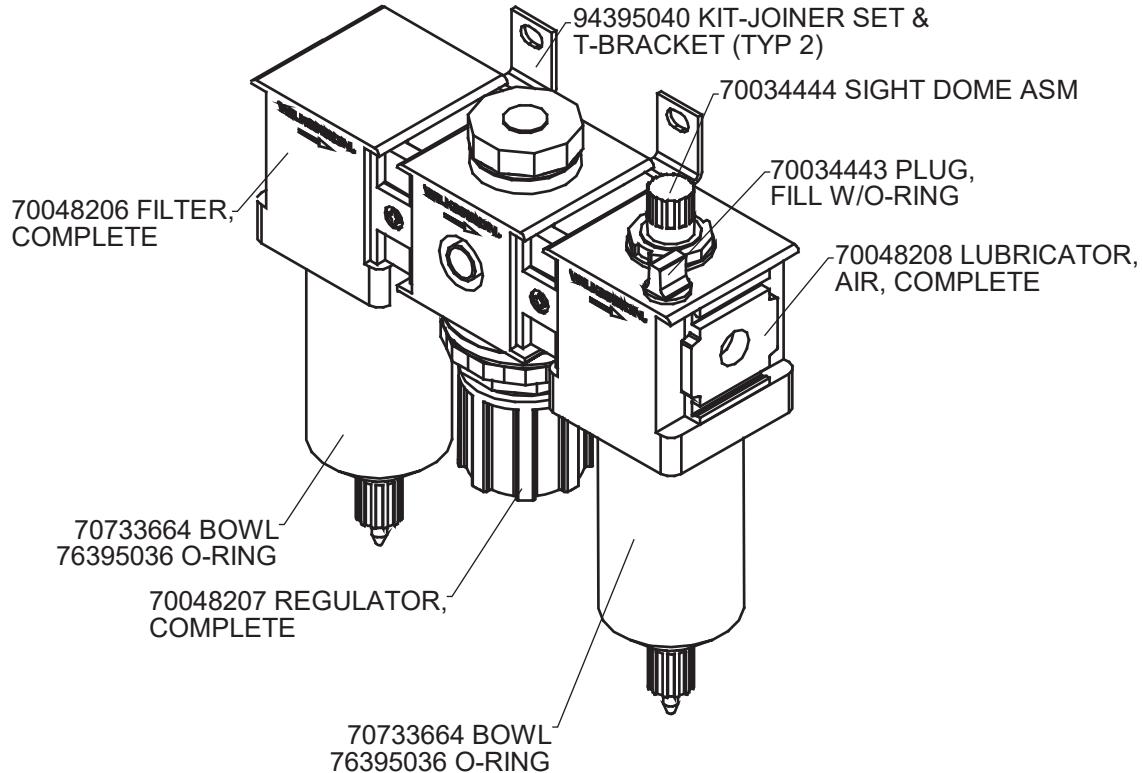
NOTE:

- 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 1/4-20 X 1/2 HH	* 4
12.	72063142	WASHER, SS 1/4 LOCK	* 4
13.	T48004	920 3"X5" 2MIL ZIPLOC BAG	* 4
* NOT SHOWN			

Moisture Separator / Regulator / Oiler Parts (51714805)

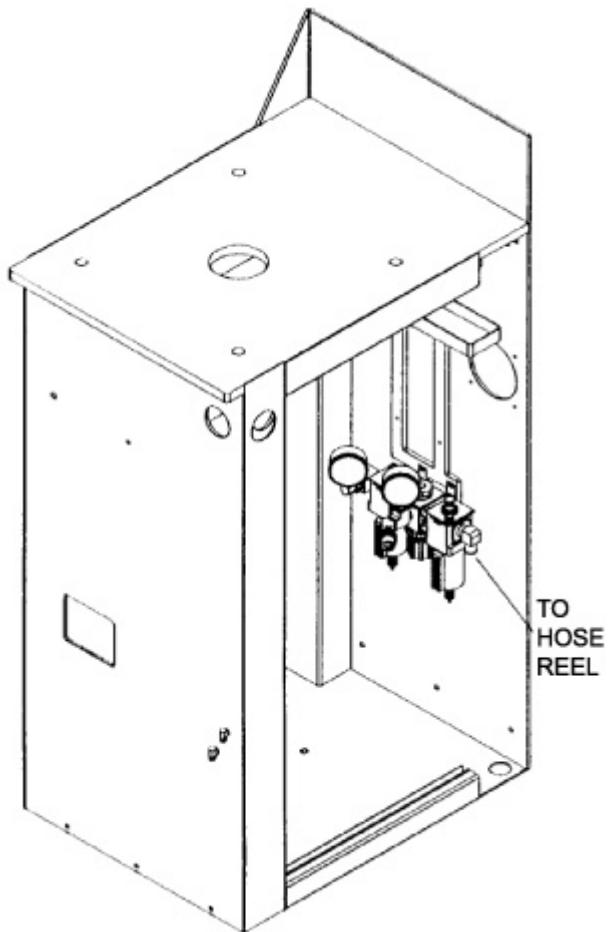
**COMPONENT PART ASSEMBLIES:**

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

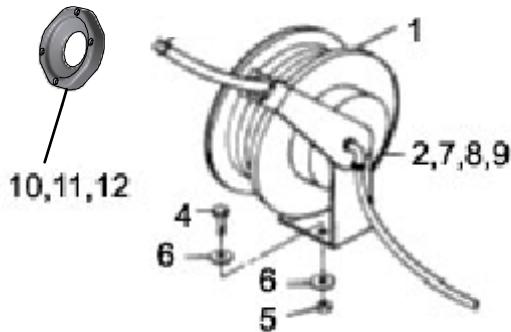
70048207 AIR REGULATOR REPLACEMENT PARTS INCLUDE 94395037 DIAPHRAGM KIT AND 70145777 SPRING, AIR REGULATOR.

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

Moisture Separator / Regulator / Oiler Installation



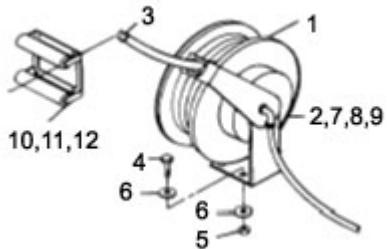
Hose Reel (51725644)(Eff. 6/05/14)



51725644 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70732096	HOSE REEL	1
2.	72531133	STREET ELBOW, STL 1/2X90°	1
3.	72532022	QUICK DISCONNECT .50 FPT	1
4.	72060046	CAP SCR 3/8-16X1 HHGR5Z	4REF
5.	72062103	NUT 3/8-16 LOCK	4REF
6.	72063003	WASHER 3/8 FLAT	8REF
7.	72661657	HOSE CLAMP	4REF
8.	72051547	BARB NIPPLE 1/2MPT 3/4 HOSE	1
9.	89392349	HOSE 3/4 300#	36"
10.	70034542	HOSE GUIDE	1
11.	72601008	BOLT, STV #10-24 X 1.50 FLH ZINC	4REF
12.	72062106	NUT #10-24 HEX LOCK	4REF
13.	72066581	CLAMP-LOOP 1.00 CUSHIONED	1REF
14.	72060833	SCREW-THRD CUT .31-18 X .75 HWH-1	1REF
15.	51725650	HARDWARE KIT, HOSE REEL (INCLUDES 4-7,11-14)	REF
REV 20140514			

Hose Reel (51713651)(Through 6/05/14)



51713651 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70732096	HOSE REEL	1
2.	72531133	STREET ELBOW, STL 1/2X90° (WAS 72053284)	1
3.	72053810	PIPE CAP 1/2NPT	1
4.	72601834	CAP SCR 3/8-16X1 SS (WAS 72060046)	4REF
5.	72062197	NUT SS 3/8-16 LOCK (WAS 72062103)	4REF
6.	72063165	WASHER 3/8 WRT (WAS 72063003)	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.	72601824	BOLT, STV SS #10-24X3/4 FLH (WAS 72060638)	4REF
12.	72062123	NUT SS #10-24 LOCK (WAS 72062106)	4REF
	51718791	HARDWARE KIT, HOSE REEL (INCL. 4-7,11,12)	REF

REV. 20050725

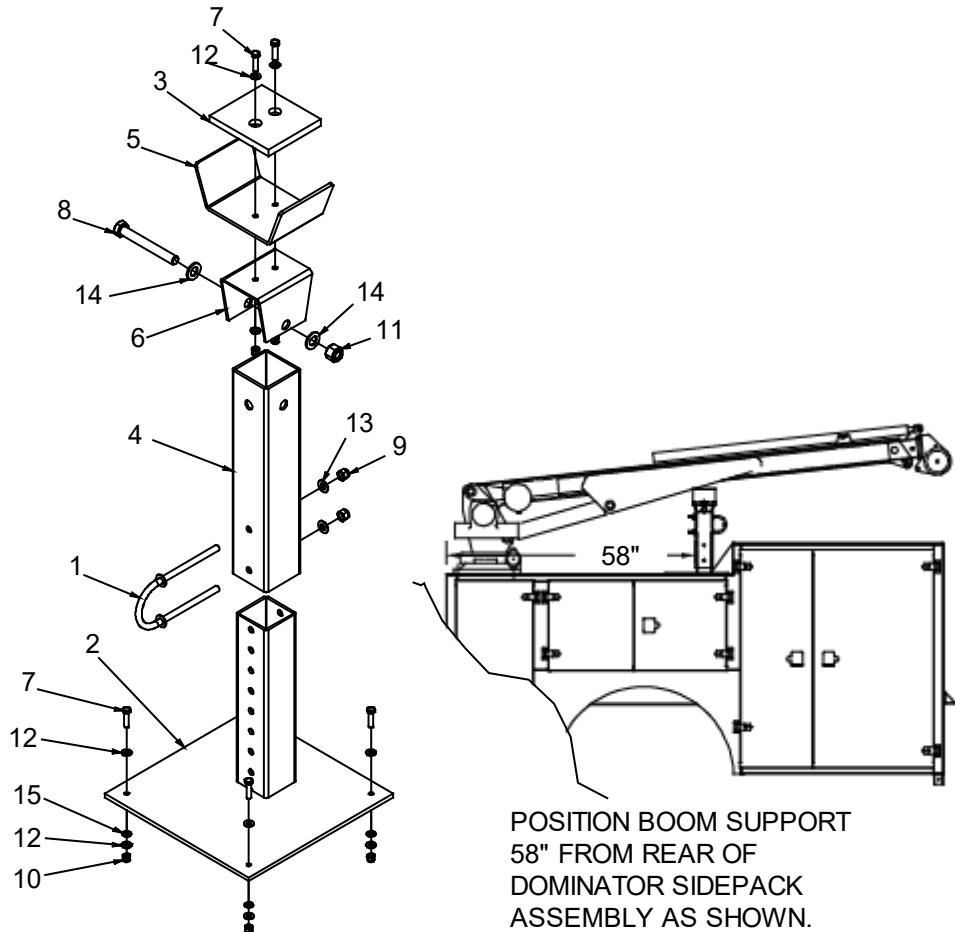
CHAPTER 8

Boom Supports

In This Chapter

Boom Support, Adjustable, 1015 & 2020 (51718847).....	158
Boom Support, Electric Cranes (51720308)	160
Boom Support Placement (99905157).....	161

Boom Support, Adjustable, 1015 & 2020 (51718847)



NOTE:

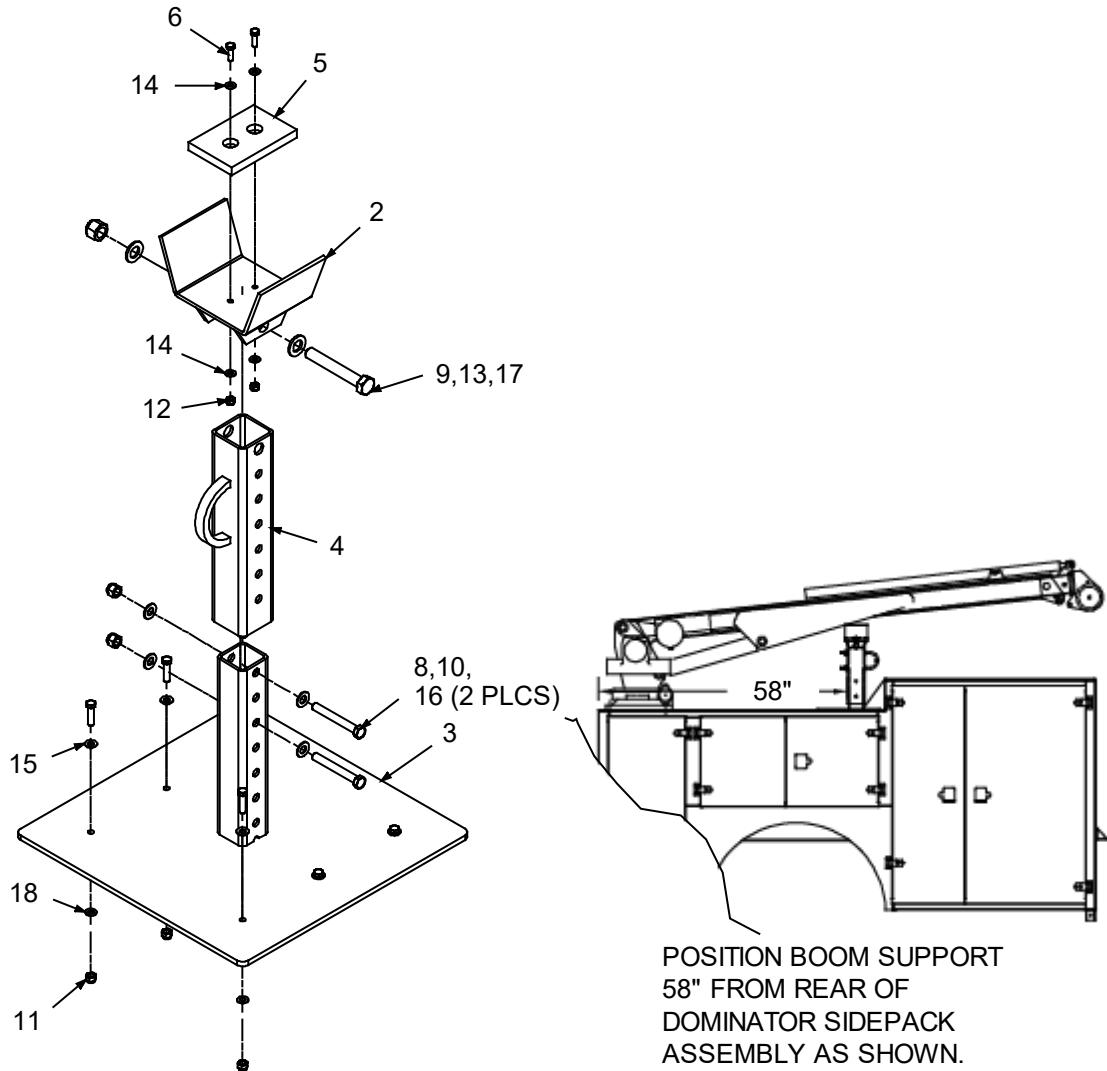
- 1 Hardware included in kit # 51718793.
- 2 Rotate and arrange pedestal #2 and saddle #5 or #6 based on chassis exhaust.

51718847 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52708158	BOLT-U ADJ BOOM SUPPORT	1
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			
ITEM	PART #	DESCRIPTION	QUANTITY
11.	72062114	NUT .75-10 HEX NYLOCK	1
12.	72063003	WASHER .38 FLAT	12
13.	72063005	WASHER .50 FLAT	2
14.	72063008	WASHER .75 FLAT	2
15.	76392821	WASHER-BONDED PLTD .38	4
REV. B 20060901			

Boom Support, Electric Cranes (51720308)

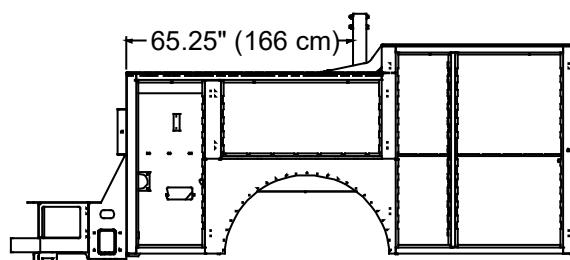


51720308 PARTS LIST

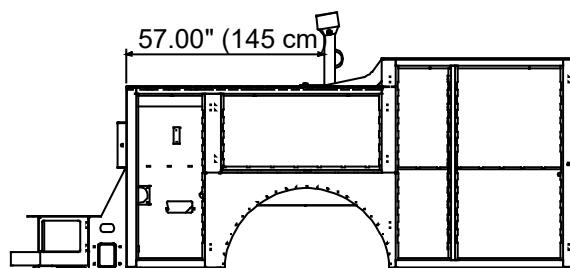
ITEM	PART #	DESCRIPTION	KIT #	QUANTITY
1.	51720310	HARDWARE KIT BOOM SUPPORT-DSC-3203i		1
2.	52706408	SADDLE-WELDMENT		1
3.	52720307	PEDESTAL-WELDMENT		1
4.	52720309	WELDMENT-PEDESTAL TUBE/RING		1
5.	60030306	WEAR PAD-RC UHMW .75X4.00X6.00		1
6.	72060025	CAP SCREW .31-18X 1.00 HH GR5 Z	#1	2
7.	72060048	CAP SCREW .38-16X 1.50 HH GR5 Z	#1	6
8.	72060099	CAP SCREW .50-13X 4.00 HH GR5 Z	#1	2
9.	72060191	CAP SCREW .75-10X 5.00 HH GR5 Z	#1	1
10.	72062080	NUT .50-13 HEX NYLOCK	#1	2
11.	72062103	NUT .38-16 HEX NYLOCK	#1	6

51720308 PARTS LIST

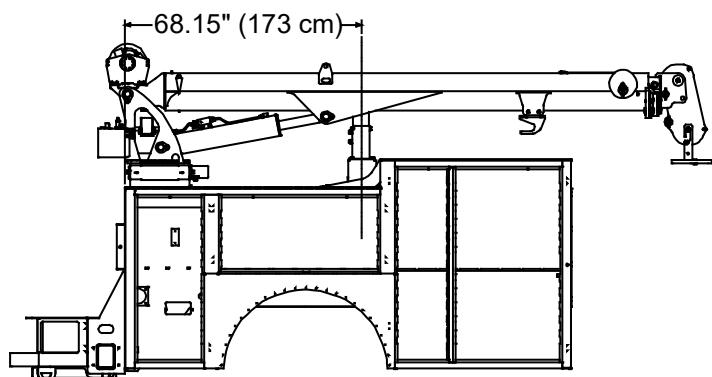
ITEM	PART #	DESCRIPTION	KIT #	QUANTITY
12.	72062109	NUT .31-18 HEX NYLOCK	#1	2
13.	72062114	NUT .75-10 HEX NYLOCK	#1	1
14.	72063002	WASHER .31 FLAT	#1	4
15.	72063003	WASHER .38 FLAT	#1	6
16.	72063005	WASHER .50 FLAT	#1	4
17.	72063008	WASHER .75 FLAT	#1	2
18.	76392821	WASHER-BONDED PLTD .38	#1	6
REV. B 20091209				

Boom Support Placement (99905157)

Boom support placement
for these cranes:
2020, 2820, 5005i, 6006i



Boom support placement
for these cranes: 3203i & 4004i



Boom support placement
for these cranes:
7500, 8600, 9500, 10000

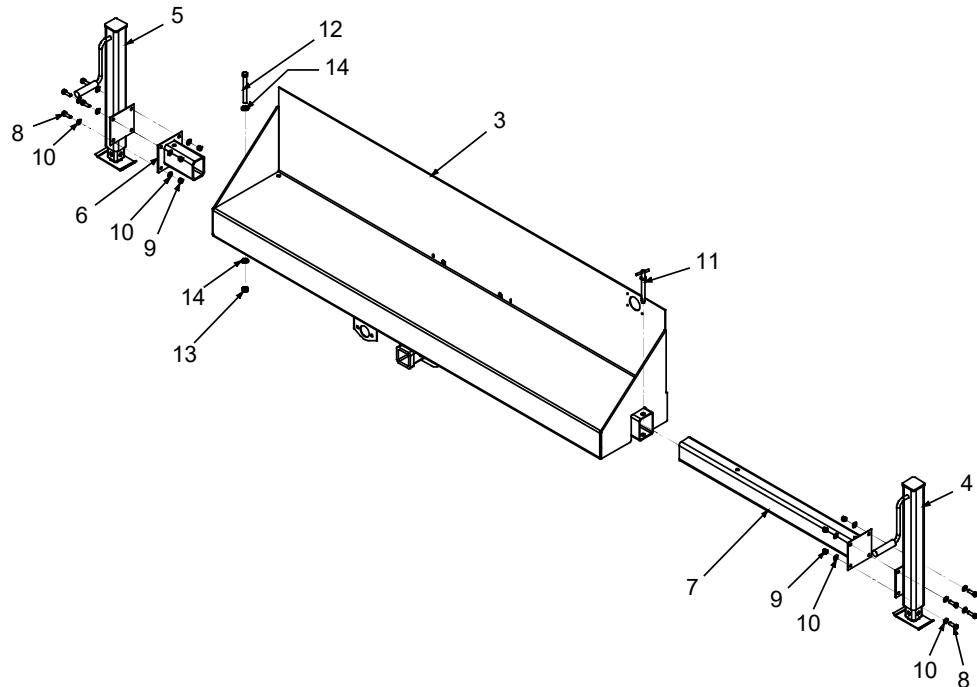
CHAPTER 9

Stabilizers

In This Chapter

Stabilizer Installation, Manual Out/Crank Down (Kit 51720918 / Dwg 99904092)	164
Stabilizer Installation, Manual Out/ Manual Down (Kit 51717728 / Dwg 99904094).....	165
Stabilizer Installation, Manual Out/ Manual Down (Kit 51724301 / Dwg 99905676).....	166

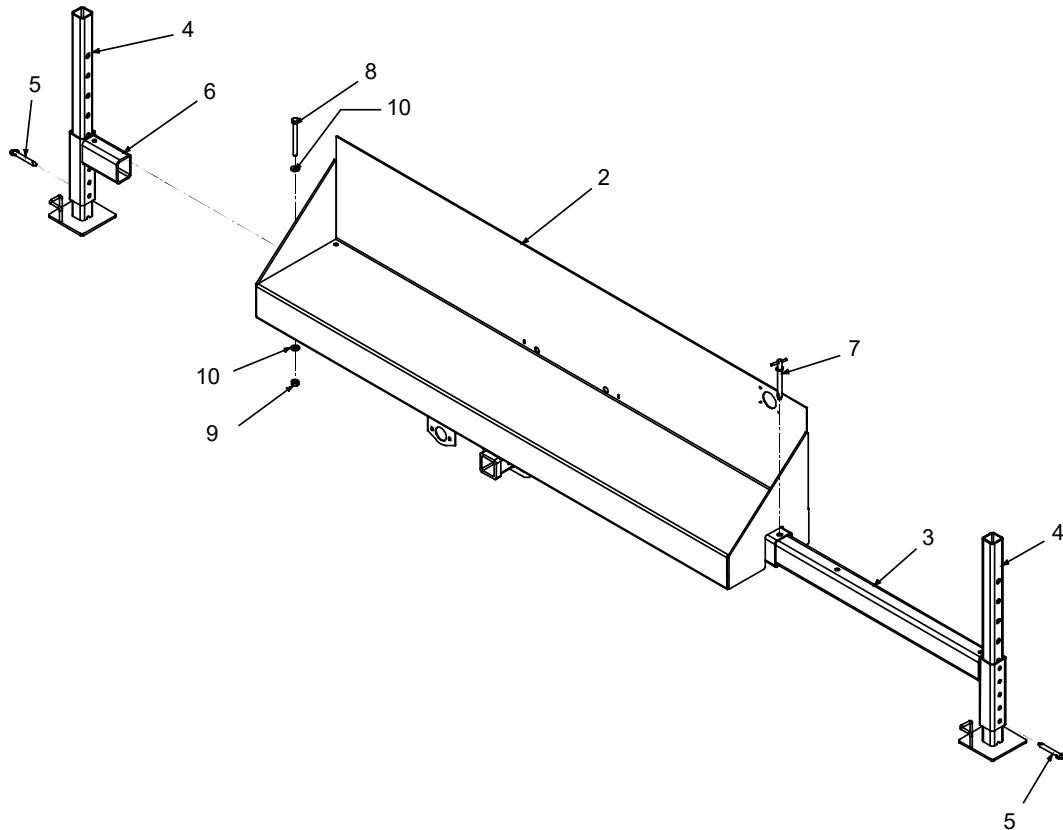
Stabilizer Installation, Manual Out/Crank Down (Kit 51720918 / Dwg 99904092)



99904092 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	51720559	HARDWARE KIT-STAB MO/CD PLATE TO ARM (INCL 8-10)	1
2.	51720560	HARDWARE KIT-STAB MO/CD ARM TO HOUSING (INCL 11-14)	1
3.	99904069	WORKBENCH-14in STD	1
4.	52720550	STAB LEG-WLDMT CRANK JACK LEG RH	1
5.	52720551	STAB LEG-WLDMT CRANK JACK LEG LH	1
	70733610	STAB LEG, CRANK DOWN	REF
6.	52720293	WLDMT-BOLT ON STAB STAT LH	1
7.	52720294	WLDMT-BOLT ON STAB EXT RH	1
8.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	8
9.	72062103	NUT .38-16 HEX NYLOCK	8
10.	72063003	WASHER .38 FLAT	16
11.	71731461	PIN-T QUICK RLSE .50D/4.0 CRIT	1
12.	72060101	CAP SCR .50-13X 5.00 HH GR5 Z	1
13.	72062107	NUT .50-13 HEX CENTER LOCK Z	1
14.	72063005	WASHER .50 FLAT	2
NEW 20060911			

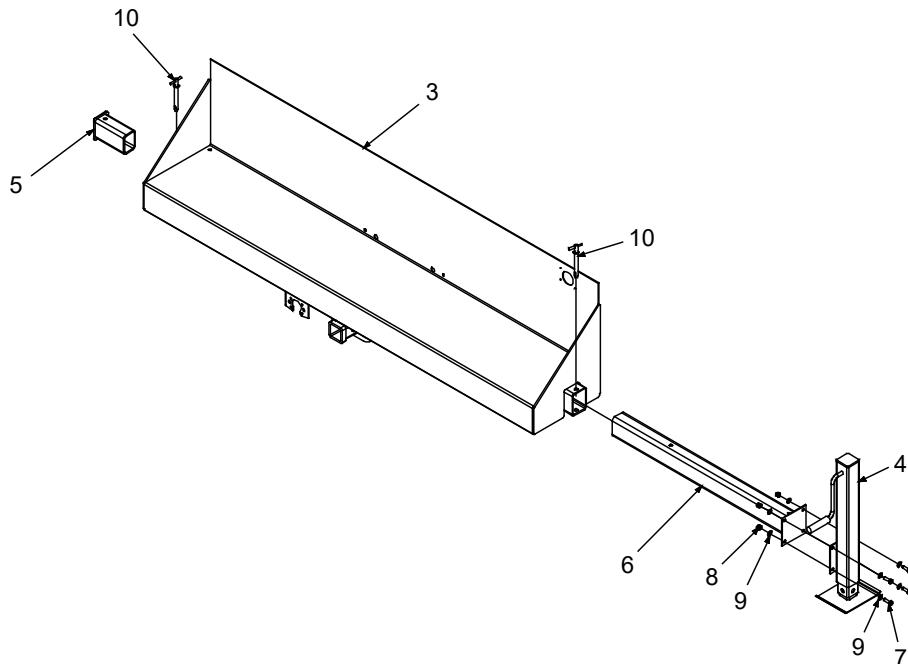
Stabilizer Installation, Manual Out/ Manual Down (Kit 51717728 / Dwg 99904094)



99904094 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	51720560	HARDWARE KIT-OTR MO/CD ARM TO HOUSING (INCL 7-10)	1
2.	99904069	WORKBENCH-14in STD	1
3.	52717383	STABILIZER ARM-EXTENDING	1
4.	52705229	STAB LEG-FRONT	2
5.	71732054	PIN-QUICK RELEASE	2
6.	52717631	STABILIZER ARM-STATIONARY	1
7.	71731461	PIN-T QUICK RLSE .50D/4.0 CRIT	1
8.	72060101	CAP SCR .50-13X 5.00 HH GR5 Z	1
9.	72062107	NUT .50-13 HEX CENTER LOCK Z	1
10.	72063005	WASHER .50 FLAT	2
NEW 99904094			

Stabilizer Installation, Manual Out/ Manual Down (Kit 51724301 / Dwg 99905676)



51724301 / 99905676 PARTS LIST

ITEM	PART #	DESCRIPTION	KIT #	QUANTITY
1.	51720559	KIT-HRDW DSC OTR MO/CD PLATE TO ARM		1
2.	51720560	KIT-HRDW DSC OTR MO/CD ARM TO HOUSING		1
3.	99904069	WORKBENCH-D(II)-14IN STD DSC		1
4.	52720550	OUTRG LEG-WLDMT CRANK JACK LEG RH DSC		1
5.	52723306	WLDMT-BOLT ON O/R STAT LH DSC		1
6.	52720294	WLDMT-BOLT ON O/R EXT RH DSC		1
7.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	#1	4
8.	72062103	NUT .38-16 HEX NYLOCK	#1	4
9.	72063003	WASHER .38 FLAT	#1	8
10.	71731461	PIN-T QUICK RLSE .50D/4.0 CRIT	#2	2
NEW 99905676				

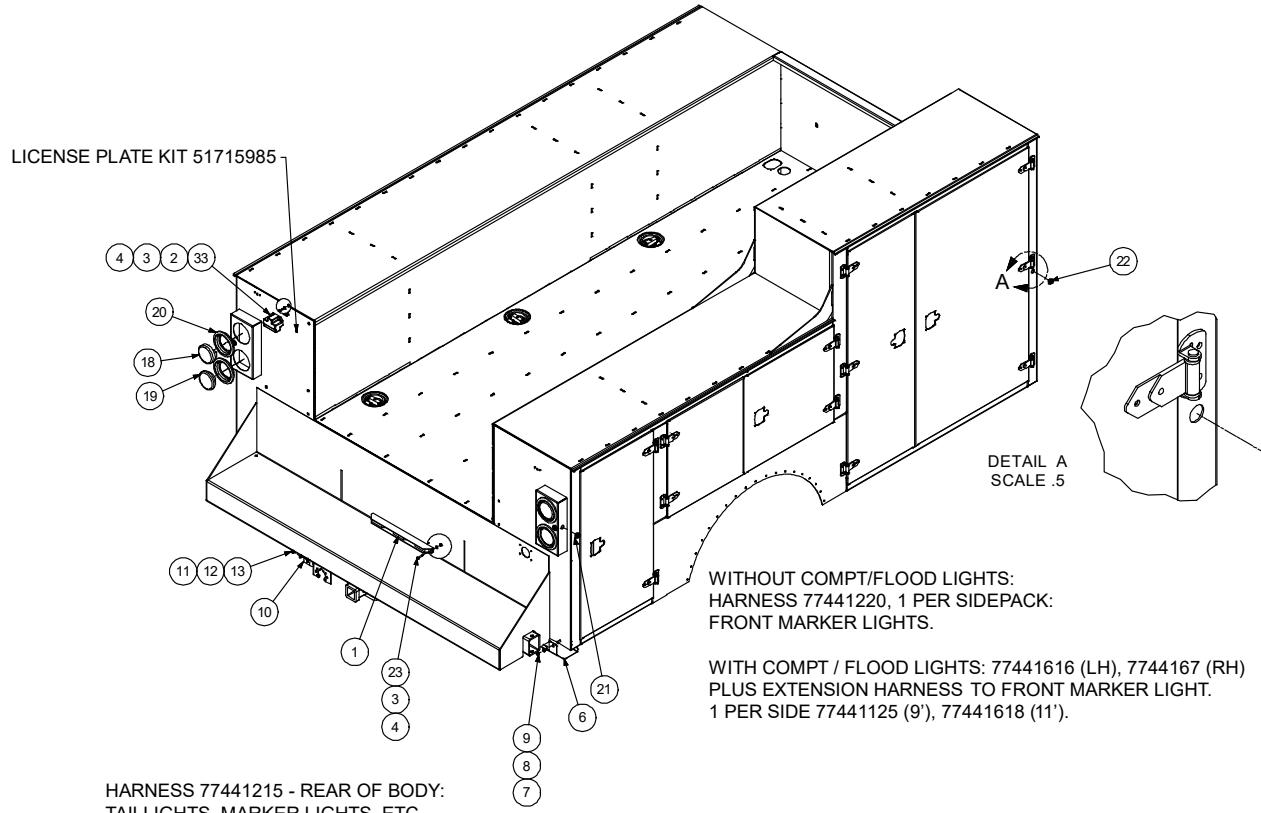
CHAPTER 10

Electrical Options & Installation

In This Chapter

Electrical Installation (99904089)(Effective 8/30/13)	168
Electrical Installation (99904089)(Through 8/30/13)	174
Floodlight Installation (99904095).....	175
Electrical Outlet (51711674)	179
Light Reel Kits	183
Harness, 9', Flood & Marker Lights (77441125).....	184
Harness, 11' Body, Flood & Marker Lights (77441126).....	187
Electrical Installation Kit - Hydraulic Telescopic Cranes (99901294).....	188
Electrical Installation (1015E & 2020E) (99903519).....	189
Electric Crane Installation (2003i, 3203i, 4004i, 5005i, 6006i) (99904394).....	190

Electrical Installation (99904089) Effective: 08/2018

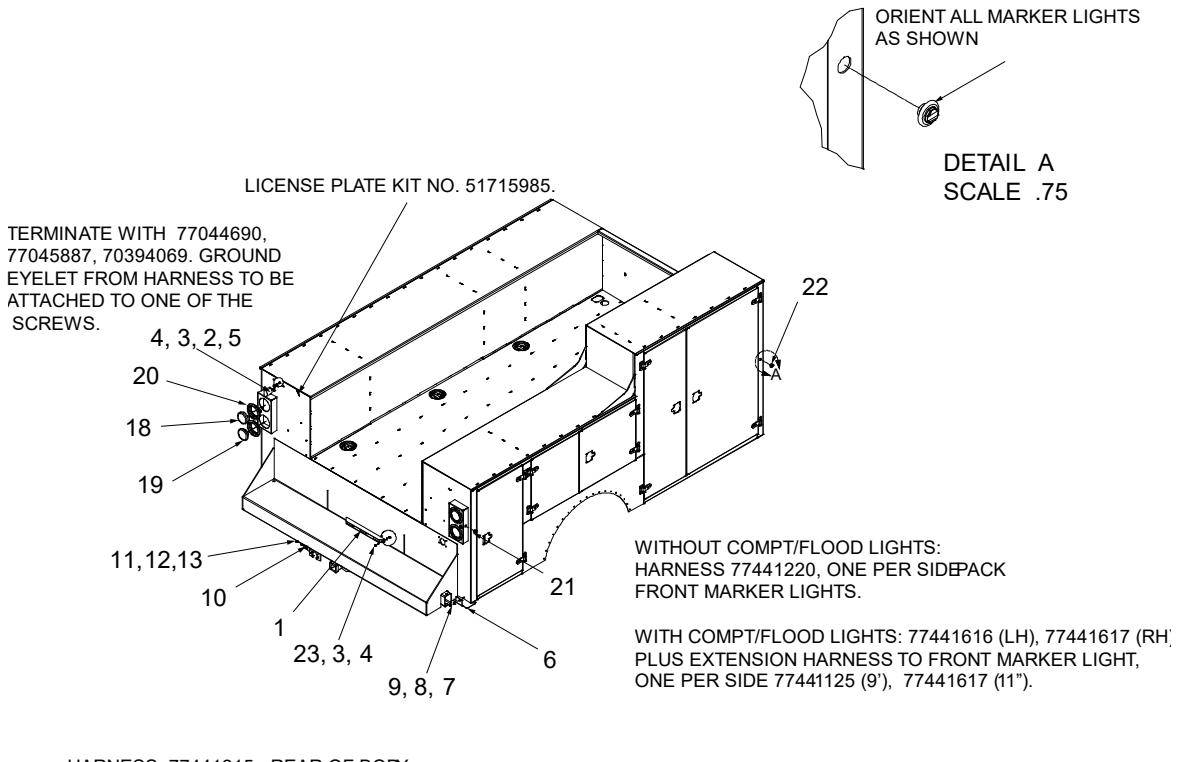


ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	77040483	LIGHT-3 BAR LED D(I)	1
2.	72060636	SCR-MACH #10-24X .75 RDH PH ZINC	2
3.	72063000	WASHER .19 W FLAT ANSI B27.2Z	4
4.	72062106	NUT 10-24 HEX NYLOCK	4
6.	60120705	MTG BRKT-WIRE HARNESS	2
7.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	6
8.	72063002	WASHER .31 FLAT	12
9.	72062109	NUT .31-18 HEX NYLOCK	6
10.	77040020	ALARM-BACK UP HORN	1
11.	72060002	CAP SCR .25-20X .75 HH GR5 Z	2
12.	72063001	WASHER .25 FLAT	2
13.	72062104	NUT .25-20 HEX NYLOCK	2
14.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	2

ITEM NO.	PART NO.	DESCRIPTION	QTY.
15.	72063003	WASHER .38 W FLAT ANSI B27.2Z	2
16.	72063051	WASHER .38 LOCK ZINC	2
17.	72062103	NUT .38-16 HEX NYLOC ZINC	2
18.	77040493	LIGHT-STOP/TURN/TAIL LED 4"	2
19.	77040660	LIGHT-BACKUP 1 LED 4 INCH ROUND	2
20.	76392275	GROMMET-RUBBER TAIL LIGHT 4.00	4
21.	77040616	LIGHT-CLEAR RED LED W/GROMMET	4
22.	77040615	LIGHT-CLEAR AMBER LED W/GROMMET	2
23.	72060639	SCR-MACH #10-24X 1.25 RDH	2
33.	77040659	LIGHT-LICENCE PLATE LED 12V SINGLE	1
REV. G 20180816 CN823-2			

Electrical Installation (99904089)

(Effective 02/01/16)



CHASSIS GROUND AND BODY GROUND EYELETS FROM
LIGHTING HARNESS TO BE ATTACHED TO CHASSIS &
BODY, RESPECTIVELY.
USE HARDWARE #17, 18, 19, 20 AND DRILL AS NECESSARY.

99904089 PARTS LIST (Effective 02/01/16)

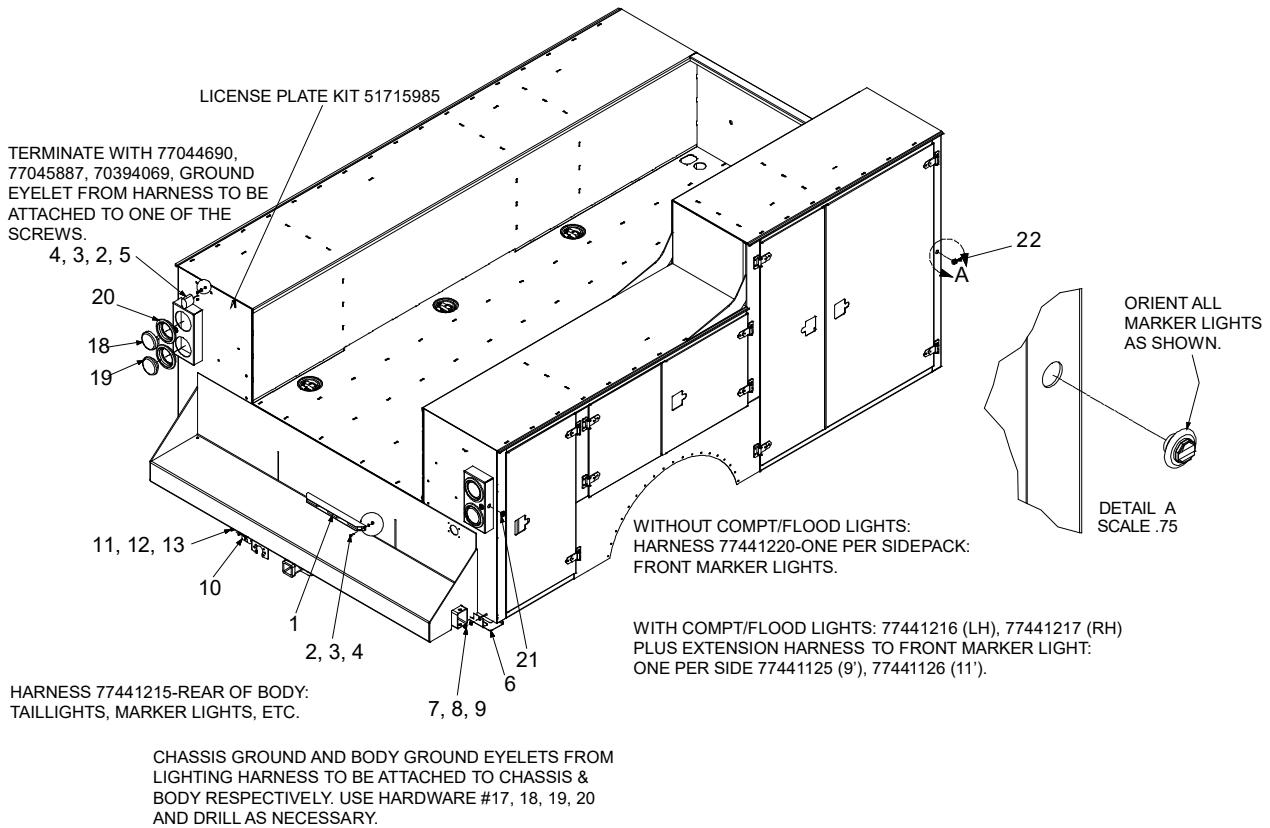
ITEM	PART #	DESCRIPTION	QUANTITY
1.	77040483	LIGHT-3 BAR LED D(I)	1
2.	72060639	SCR-MACH #10-24X .75 RDH PH ZINC	4
3.	72063000	WASHER .19 W FLAT ANSI B27.2Z (WAS 5)	4
4.	72062106	NUT 10-24 HEX NYLOCK	8
5.	77441004	LIGHT-LICENSE PLATE PLASTIC	1
6.	60120705	MTG BRKT-WIRE HARNESS	2
7.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	6
8.	72063002	WASHER .31 FLAT (WAS 6)	12
9.	72062109	NUT .31-18 HEX NYLOCK	6
10.	77040020	ALARM-BACK UP HORN	1
11.	72060002	CAP SCR .25-20X .75 HH GR5 Z	2
12.	72063001	WASHER .25 FLAT	2
13.	72062104	NUT .25-20 HEX NYLOCK	2

99904089 PARTS LIST (Effective 02/01/16)			
ITEM	PART #	DESCRIPTION	QUANTITY
14.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	2
15.	72063003	WASHER .38 W FLAT ANSI B27.2Z	2
16.	72063051	WASHER .38 LOCK ZINC	2
17.	72062103	NUT .38-16 HEX NYLOC ZINC	2
18.	77040493	LIGHT-STOP/TURN/TAIL LED 4in DIA (WAS 77040432)	2
19.	77040180	LIGHT-BACKUP	2
20.	76392275	GROMMET-TAIL LIGHT	4
21.	77040616	LIGHT-CLEAR RED LED W/GROMMET	4
22.	77040615	LIGHT-CLEAR AMBER LED W/GROMMET	2
REV. F 20160219			

Electrical Installation (99904089)

(From: 8/30/13 To: 01/29/16)

NOTE: Used on DSC12 & DSC20 9-foot models only.



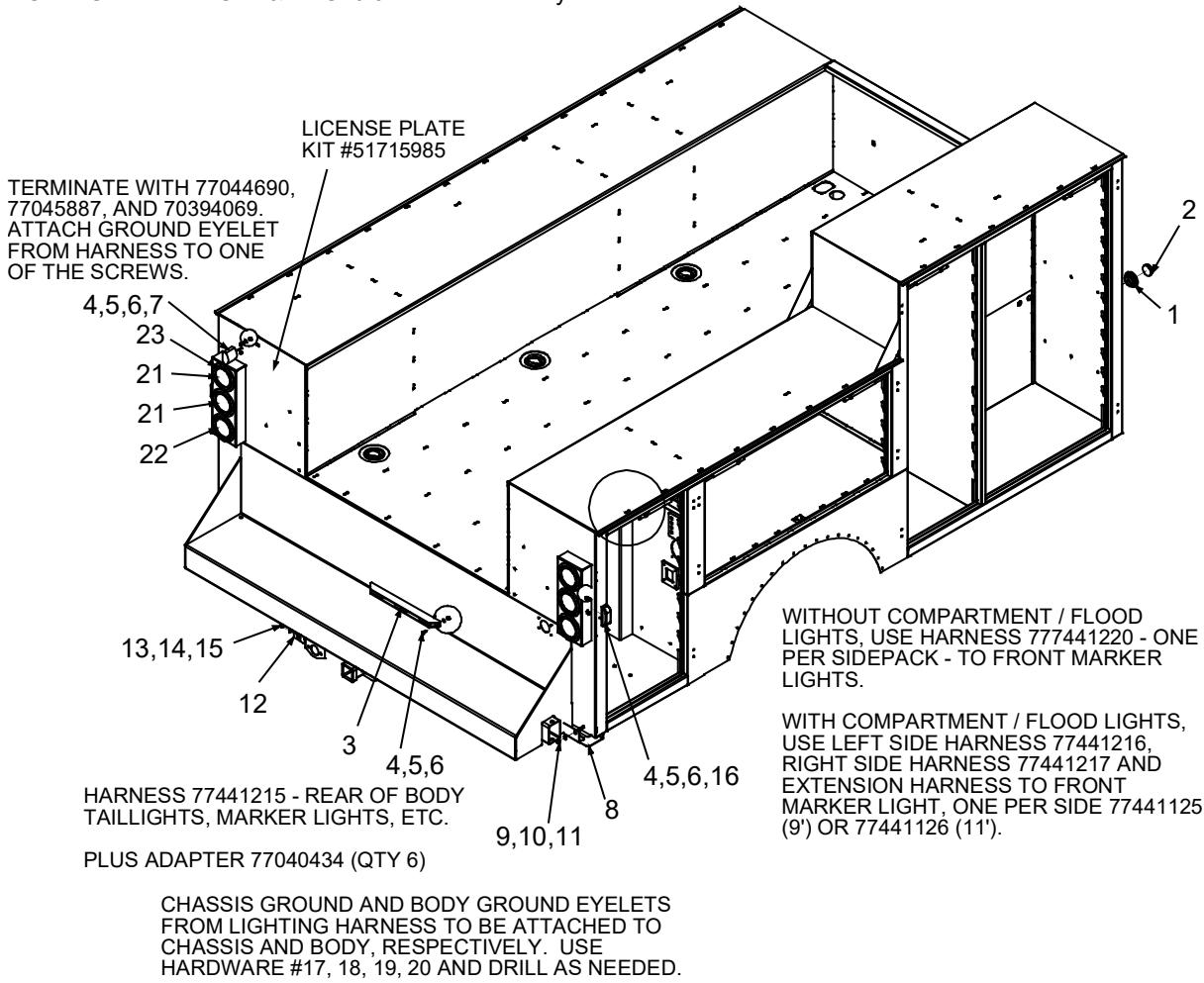
99904089 PARTS LIST (From: 08/30/13 To: 01/29/16)

ITEM	PART #	DESCRIPTION	QUANTITY
1.	77040483	LIGHT-3 BAR LED D(I)	1
2.	72060639	SCR-MACH #10-24X .75 RDH PH ZINC	4
3.	72063000	WASHER .19 W FLAT ANSI B27.2Z (WAS 5)	4
4.	72062106	NUT 10-24 HEX NYLOCK	8
5.	77441004	LIGHT-LICENSE PLATE PLASTIC	1
6.	60120705	MTG BRKT-WIRE HARNESS	2
7.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	6
8.	72063002	WASHER .31 FLAT (WAS 6)	12
9.	72062109	NUT .31-18 HEX NYLOCK	6
10.	77040020	ALARM-BACK UP HORN	1
11.	72060002	CAP SCR .25-20X .75 HH GR5 Z	2
12.	72063001	WASHER .25 FLAT	2
13.	72062104	NUT .25-20 HEX NYLOCK	2
14.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	2

99904089 PARTS LIST (From: 08/30/13 To: 01/29/16)			
ITEM	PART #	DESCRIPTION	QUANTITY
15.	72063003	WASHER .38 W FLAT ANSI B27.2Z	2
16.	72063051	WASHER .38 LOCK ZINC	2
17.	72062103	NUT .38-16 HEX NYLOC ZINC	2
18.	77040493	LIGHT-STOP/TURN/TAIL LED 4in DIA (WAS 77040432)	2
19.	77040180	LIGHT-BACKUP	2
20.	76392275	GROMMET-TAIL LIGHT	4
21.	77040616	LIGHT-CLEAR RED LED W/GROMMET	4
22.	77040615	LIGHT-CLEAR AMBER LED W/GROMMET	2
REV C 20130531			

Electrical Installation (99904089)(Through 8/30/13)

NOTE: Used on DSC12 & DSC20 9-foot models only.

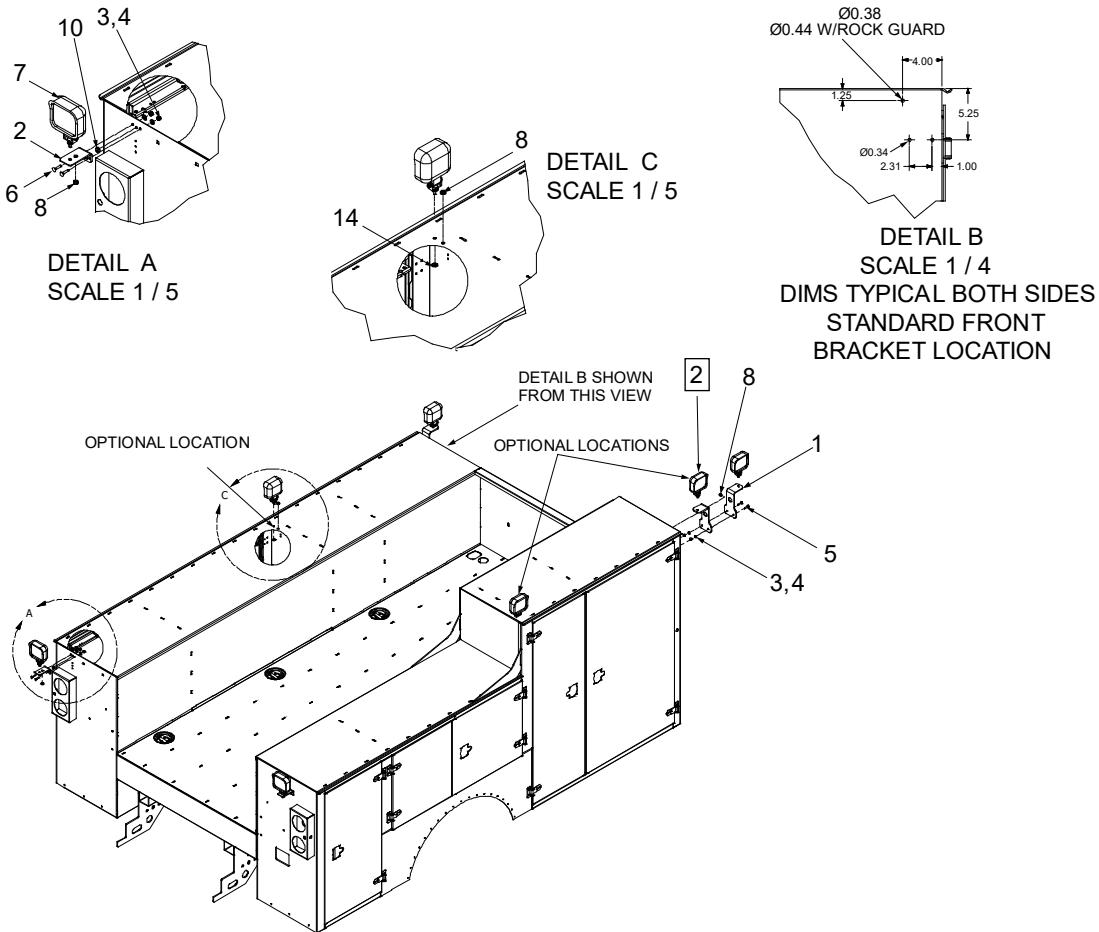


99904089 PARTS LIST (Through 08/30/13)

ITEM	PART #	DESCRIPTION	QUANTITY
1.	77040484	GROMMET-2IN DIA LED MARKER	2
2.	77040478	LIGHT-CLEAR AMBER LED 2in DIA	2
3.	77040483	LIGHT-3 BAR LED D(I)	1
4.	72060639	SCR-MACH #10-24X .75 RDH PH ZINC	8
5.	72063000	WASHER .19 W FLAT ANSI B27.2Z (WAS 5)	8
6.	72062106	NUT 10-24 HEX NYLOCK	8
7.	77441004	LIGHT-LICENSE PLATE PLASTIC	1
8.	60120705	MTG BRKT-WIRE HARNESS	2
9.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	6
10.	72063002	WASHER .31 FLAT (WAS 6)	12
11.	72062109	NUT .31-18 HEX NYLOCK	6
12.	77040020	ALARM-BACK UP HORN	1

99904089 PARTS LIST (Through 08/30/13)			
ITEM	PART #	DESCRIPTION	QUANTITY
13.	72060002	CAP SCR .25-20X .75 HH GR5 Z	2
14.	72063001	WASHER .25 FLAT	2
15.	72062104	NUT .25-20 HEX NYLOCK	2
16.	77040479	LIGHT-MARKER CLEAR RED LED THIN LINE	2
17.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	2
18.	72063003	WASHER .38 W FLAT ANSI B27.2Z	2
19.	72063051	WASHER .38 LOCK ZINC	2
20.	72062103	NUT .38-16 HEX NYLOC ZINC	2
21.	77040493	LIGHT-STOP/TURN/TAIL LED 4in DIA (WAS 77040432)	4
22.	77040180	LIGHT-BACKUP	2
23.	76392275	GROMMET-TAIL LIGHT	6
REV B 20061108			

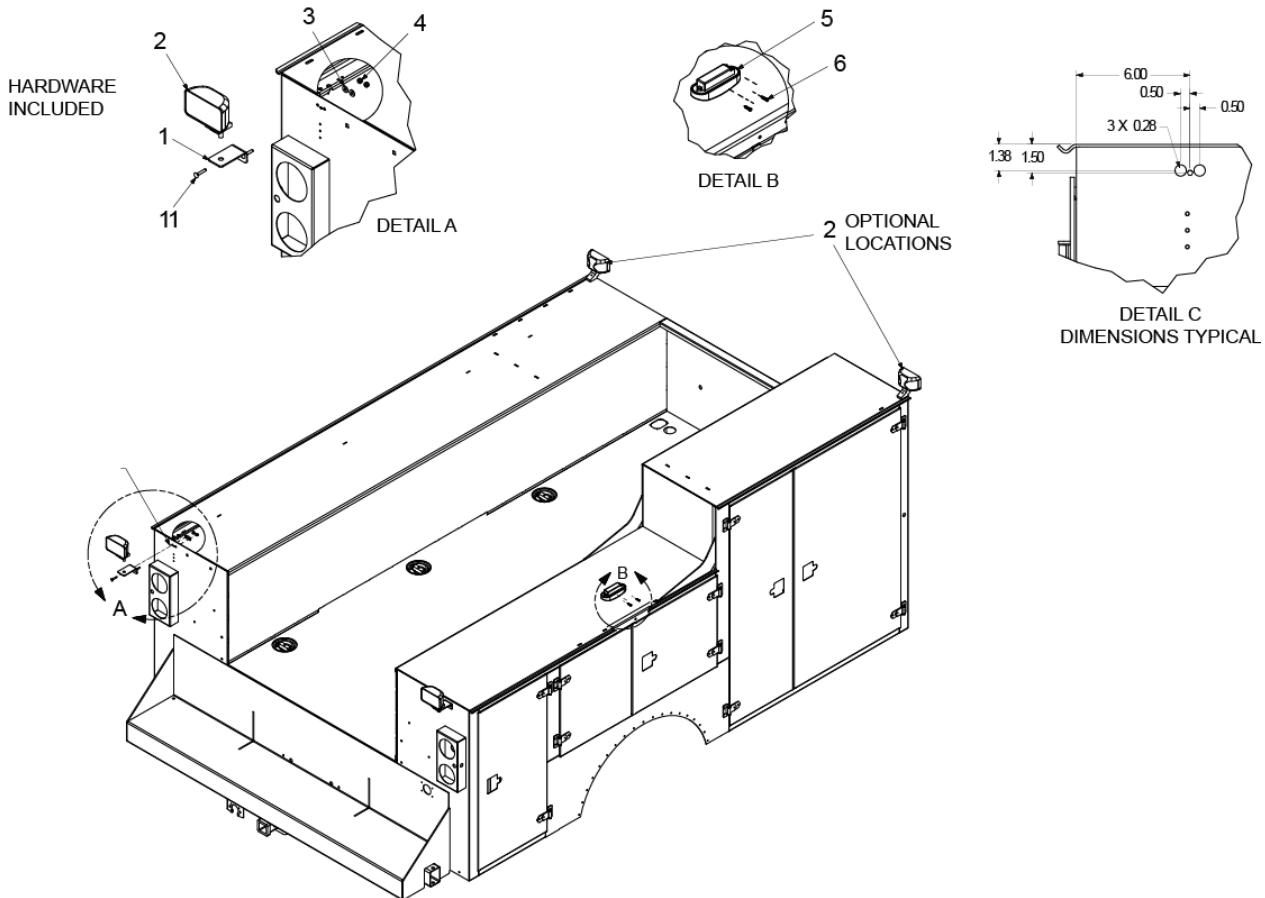
Flood Light Installation (99906020) (Effective 02/01/16)



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

Floodlight Installation (99904095) (Through 01/29/16)

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



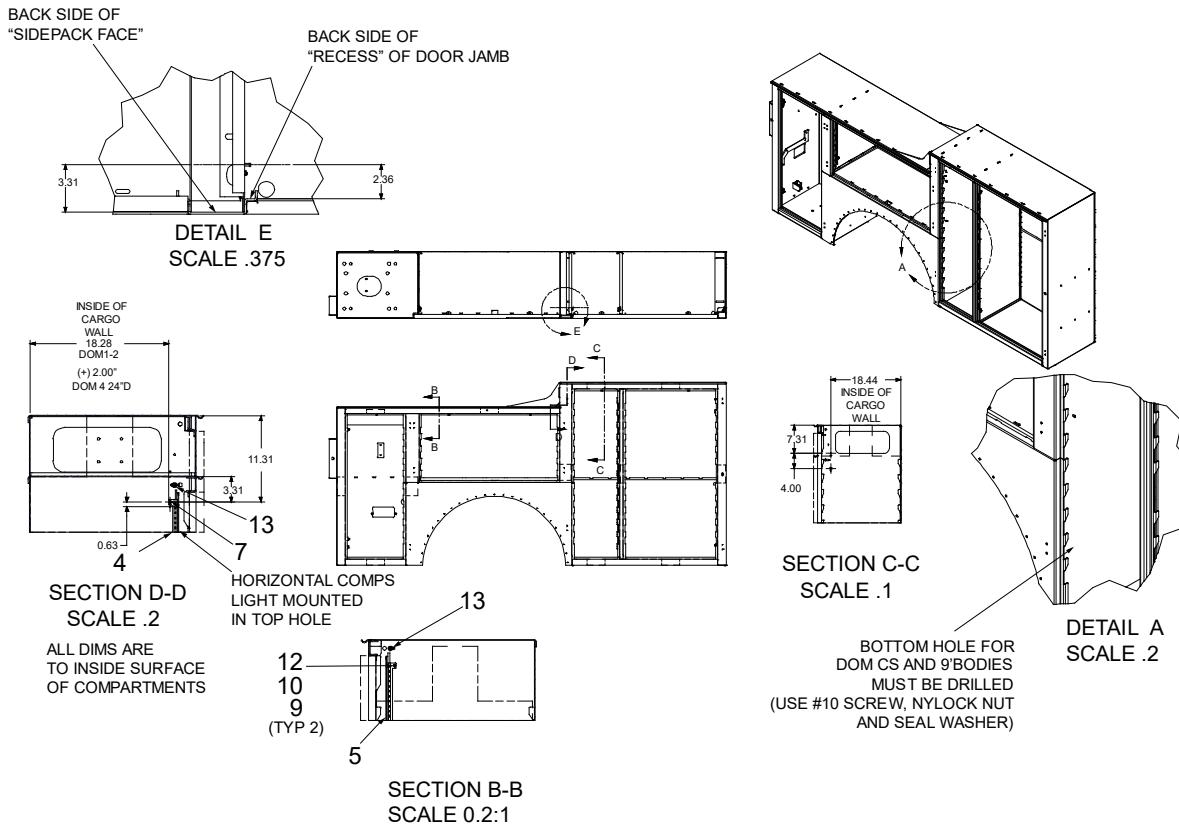
NOTE:

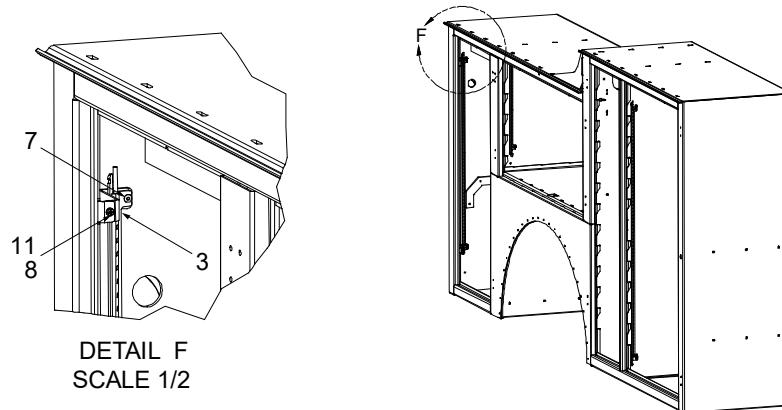
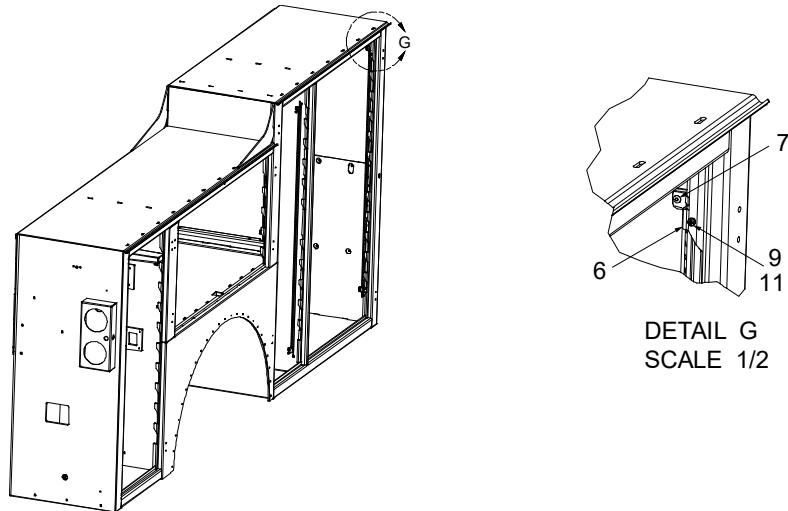
- 1 PART NUMBERS 77441216 (HARNESS, RIGHT COMPARTMENT) AND 77441217 (HARNESS, LEFT COMPARTMENT) ARE PROVIDED AS STANDARD COMPONENTS WITH EACH DSC BODY.

99904095 PARTS LIST (Through 01/29/16)						
ITEM	PART #	DESCRIPTION	9' KIT 51720608	11' KIT 51720609	FLOOD KIT 51719195	
1.	60117375	BRACKET-FLOODLIGHT 12V REAR SP	2	2	2	
2.	77040424	FLOODLIGHT-COMPOSITE WORK LAMP TOP MTG	2	2	2	
3.	72063183	WASHER-SS .25 W MS811 FLAT 18-8	4	4	4	
4.	72062194	NUT-SS .25-20 NYLOC	4	4	4	
5.	77040384	LIGHT-COMPARTMENT 12V 2.1AMP	6	8		
6.	72617558	SCR-SELF TAP-SS #10X .50 HH SLOT	12	16		
7.	77044574	CONN-PKRD WP 2 CAV FEMALE/TOWER	2	2	2	
8.	77045888	TERM-PKRD WP14-16GA FEMALE	4	4	4	
9.	77044927	CABLE SEAL-PKRD WP/MP 14 GA GREY	4	4	4	
10.	77041345	SWITCH-TOGGLE SGL	3	3		
11.	72602098	BOLT-CRG .25-18X 1.25 SQNK SS (was 72601846)	4	4		

REV. E 20140613

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



99905850-2**99905850 PARTS LIST (EFFECTIVE 02/01/16)**

ITEM	PART NO.	DESCRIPTION	QTY
1	51726298	LIGHT ASM LED ADH 48 RH	A/R
2	51726297	LIGHT ASM LED ADH 48 LH	A/R
3	51726295	LIGHT ASM LED ADH 36 LH	A/R
4	51726294	LIGHT ASM LED ADH 18 RH	A/R
5	51726293	LIGHT ASM LED ADH 18 LH	A/R
6	52726938	BRACKET-LIGHT LH-RH END PANELS W/NUT	A/R
7	72661418	RIVET-POP AL .188 X .50 GRIP	A/R
8	72060634	SCR-MACH #10-24X .50 RDH	A/R
9	72060636	SCR-MACH #10-24X .75 RDH PH ZINC	A/R
10	72063000	WASHER .19 W FLAT ANSI B27.2Z	A/R
11	72063047	WASHER #10 LOCK	A/R
12	72062106	NUT 10-24 HEX NYLOCK	A/R

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

LED Light Kits

	18" LED Light Bar RH 51726294	18" LED Light Bar LH 51726293	36" LED Light Bar RH 51726296	36" LED Light Bar LH 51726295	48" LED Light Bar RH 51726298	48" LED Light Bar LH 51726297	Total Lights	Light Kit Number
DOM1-9' Standard	2	2	2	1	-	-	7	51726712
DOM1-9' Right Front Raised	2	2	2	-	-	1	7	51726713
DOM1-11' Standard	2	2	3	2	-	-	9	51726714
DOM1-11' Right Front Raised	2	2	2	1	1	1	9	51726715
DOM1-11' Left Front Raised	2	2	2	1	1	1	9	51726723
DOM1-11' Right & Left Front Raised	2	2	1	-	2	2	9	51726716
Crane Compt RH	-	-	-	1	-	-	1	51726753
Crane Compt LH	-	-	1	-	-	-	1	51726774

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

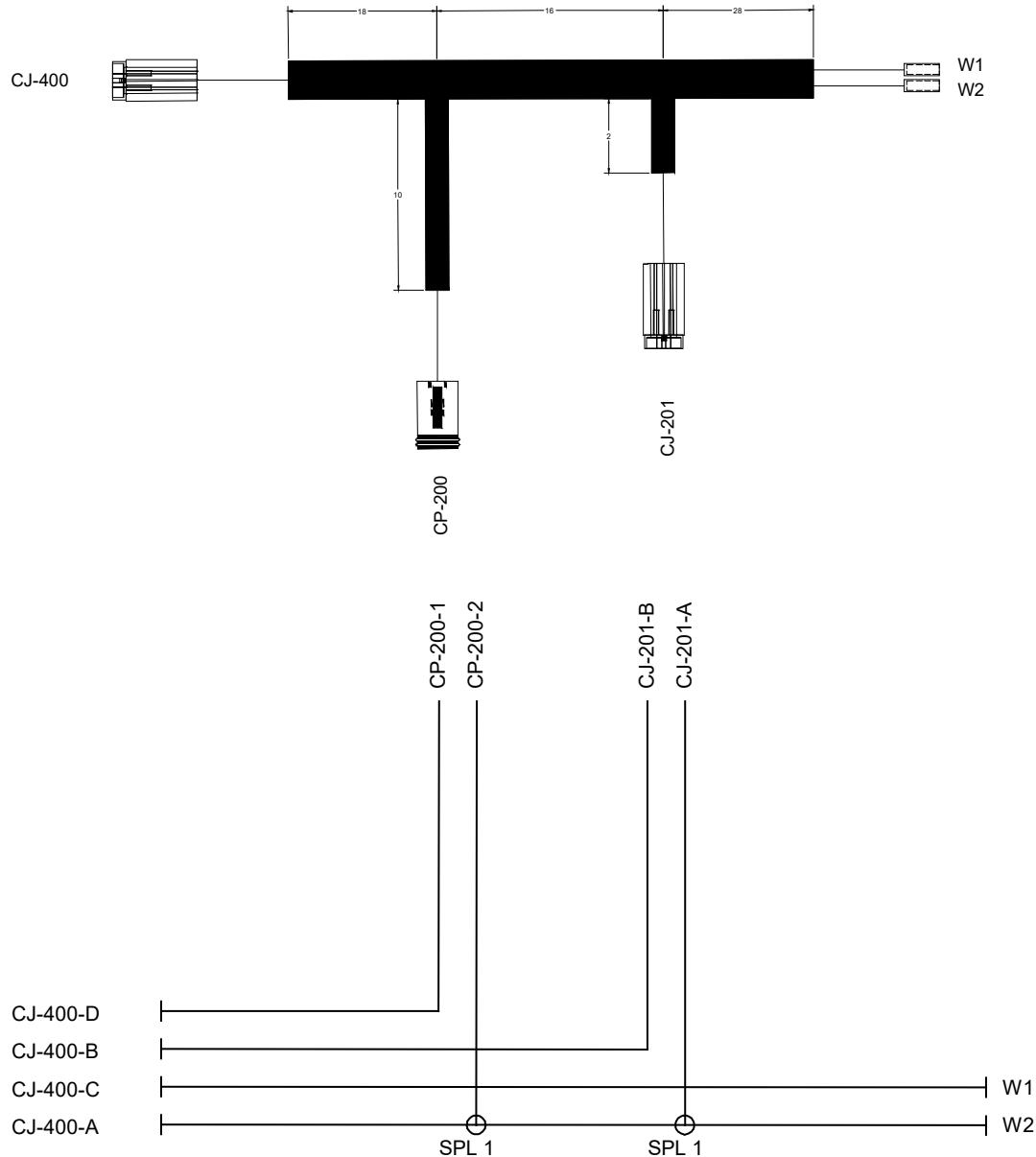
LIGHT REEL KIT - 12 VOLT (51707758)

LIGHT REEL KIT - 110 VOLT - LIGHT DUTY (51707759)

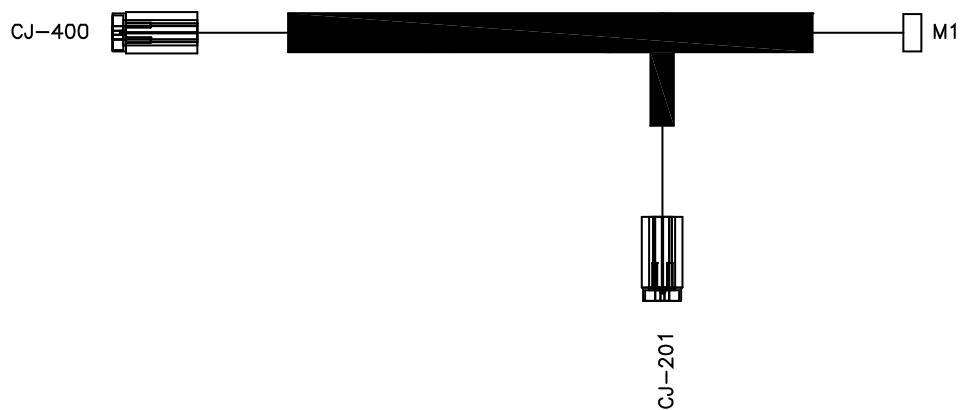
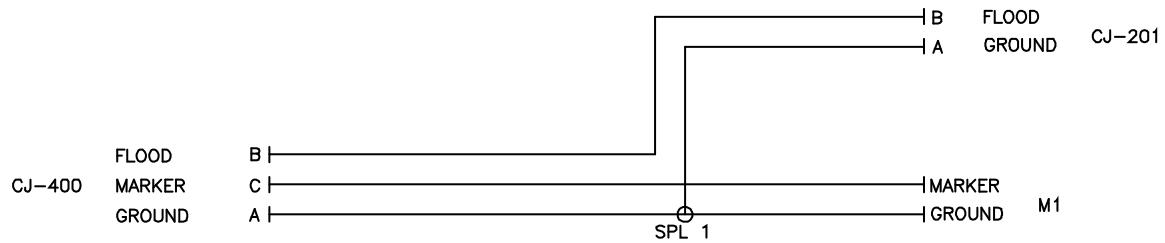
LIGHT REEL KIT - 110 VOLT W/50' CORD (51712724)

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 1/4-20X3/4 HH GR 5	2	2	
8.	89044234	WIRE 14GA YELLOW X 96"	1		
9.	89044235	WIRE 14GA WHITE X 12"	1		
10.	89044072	WIRE 12GA/3 WIRE X 216"		1	1
11.	72063002	WASHER 5/16 FLAT			8

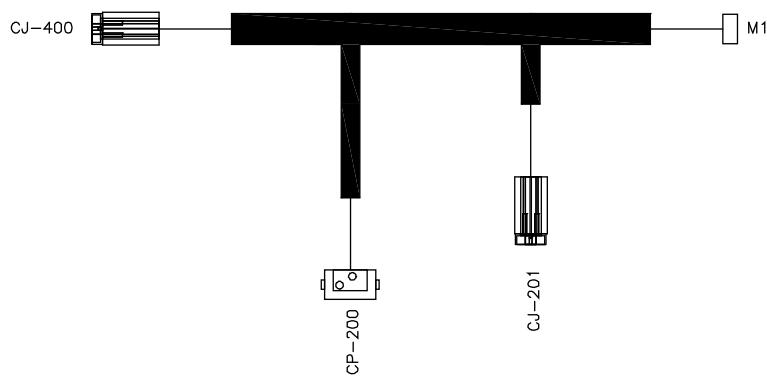
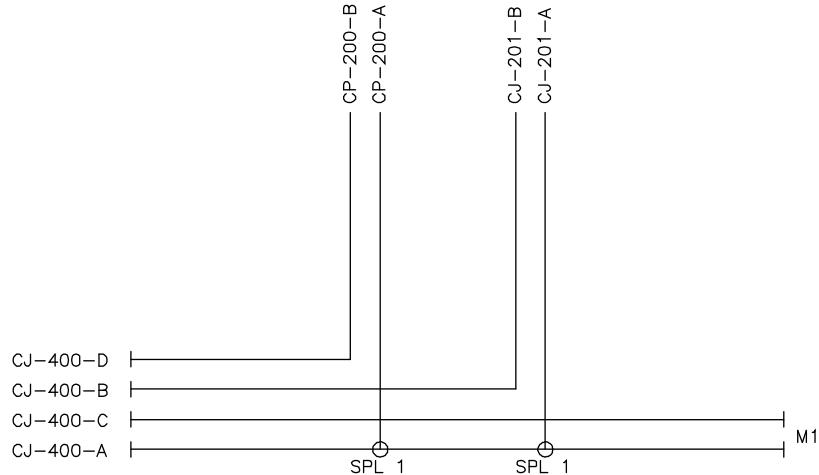
Harness, 11' Body, Flood & Marker Lights (77441618) (Effective 02/01/16)



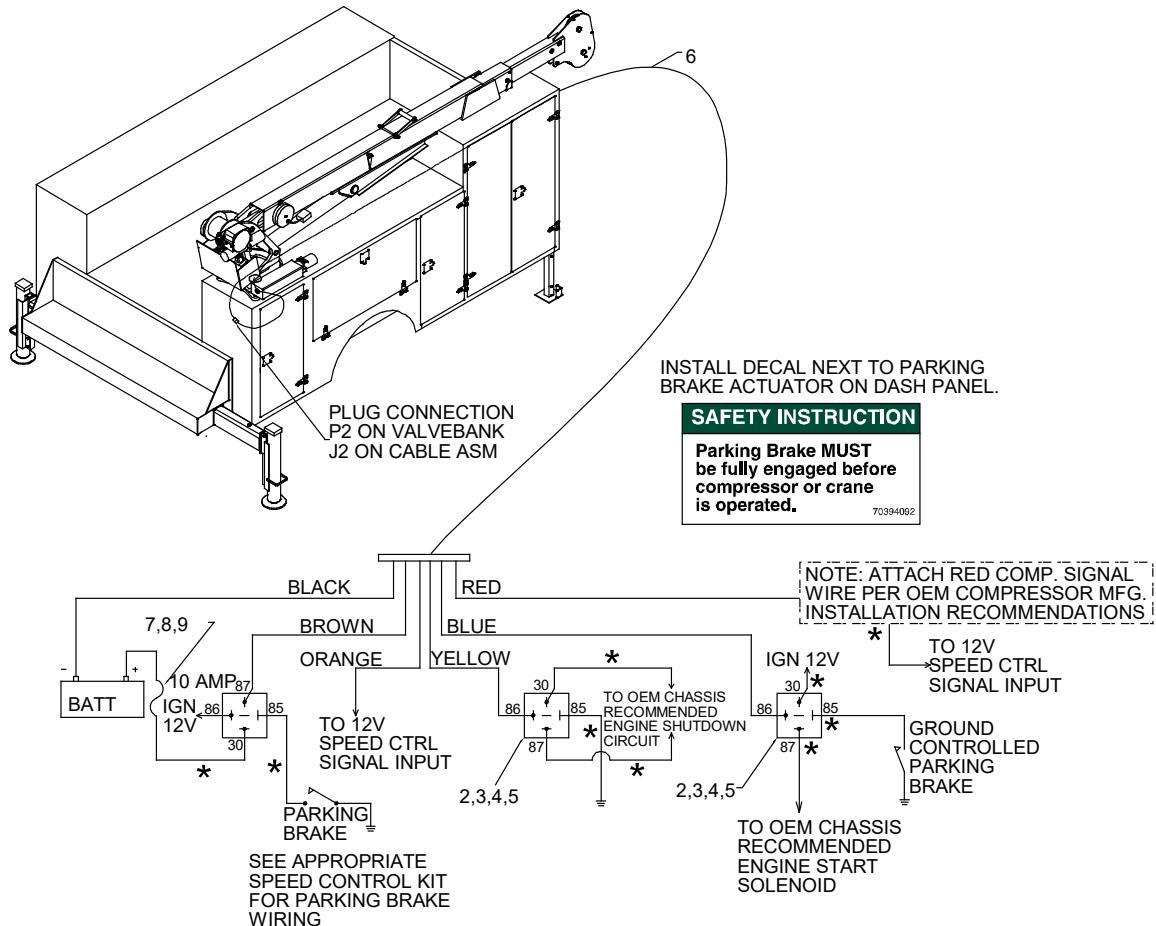
Harness, 9', Flood & Marker Lights (77441125) (Through 01/29/16)



Harness, 11' Body, Flood & Marker Lights (77441126)(Through 01/29/16)



Electrical Installation Kit - Hydraulic Telescopic Cranes (99901294)



NOTES:

1 * = RECOMMENDED WIRE

2 WIRE SPECIFICATION:

GAUGE: 14 GA.

STRANDS: 19/27

INSULATION THICKNESS: 0.023 MILS-NOM.

HEAT RESISTANCE IN ACCORDANCE WITH SAE J-1128

TEMPERATURE RANGE: -51 DEG TO +125 DEG C

MEET FORD SPEC (MIL-85B) AND CHRYSLER SPEC (MS-900)

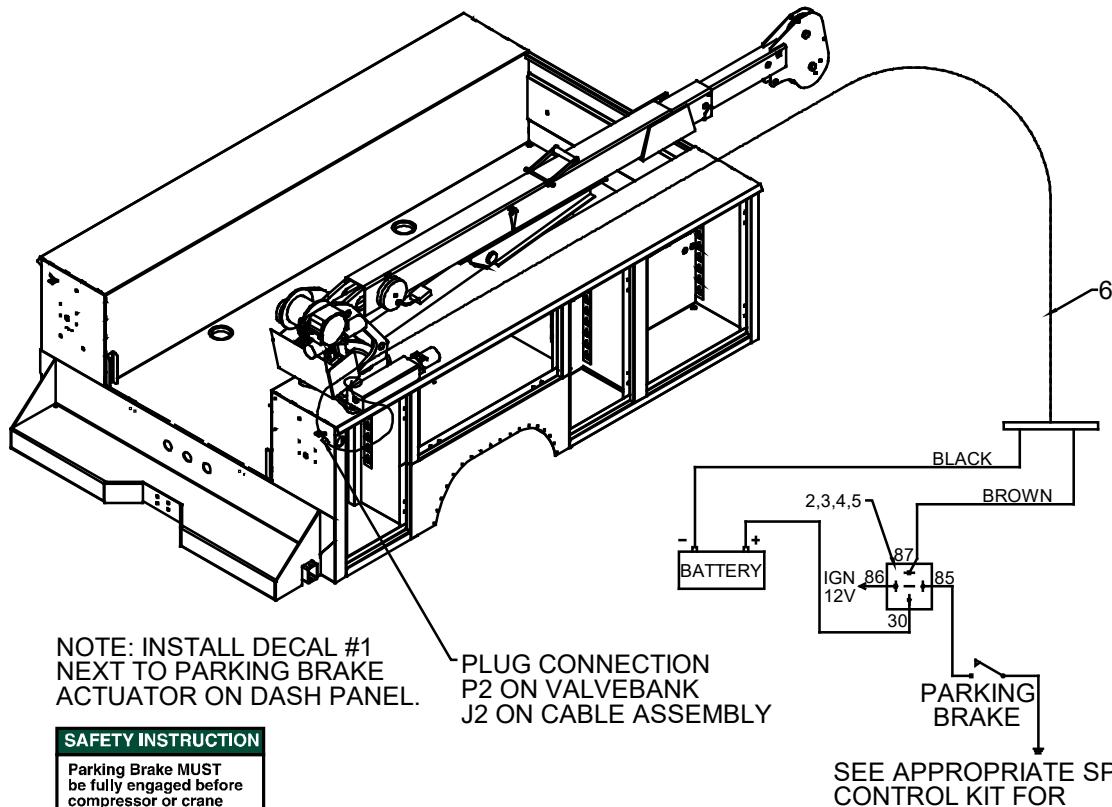
99901294 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70394092	DECAL- CAUTION BRAKE/COMP	1
2.	72050005	CAP SCR 1/4-20 X 1.25 HHGR5	3
3.	72062104	NUT 1/4-20 HEX NYLOC	3
4.	72063001	WASHER 1/4 FLAT	3
5.	77041251	RELAY-P & B	3
6.	51715664	CABLE ASM	1

99901294 PARTS LIST

7.	77041707	FUSE HOLDER-CONNECTOR	1
8.	77041708	FUSE HOLDER-COVER	1
9.	77041709	FUSE HOLDER-TERMINALS	2

REV. C 20051215

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

**NOTE:**

- 1 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			

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 #	QTY
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.	72062268	NUT 1.0 - 8 HEX NYLOC GR8Z	#3	4
17.	72063116	WASHER .75 N FLAT H ASTMF436Z	#2	8
17.	72063066	WASHER 1.0 FLAT HI STR	#3	8
18.	72060002	CAP SCREW .25-20X .75 HH GR5 Z	#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.

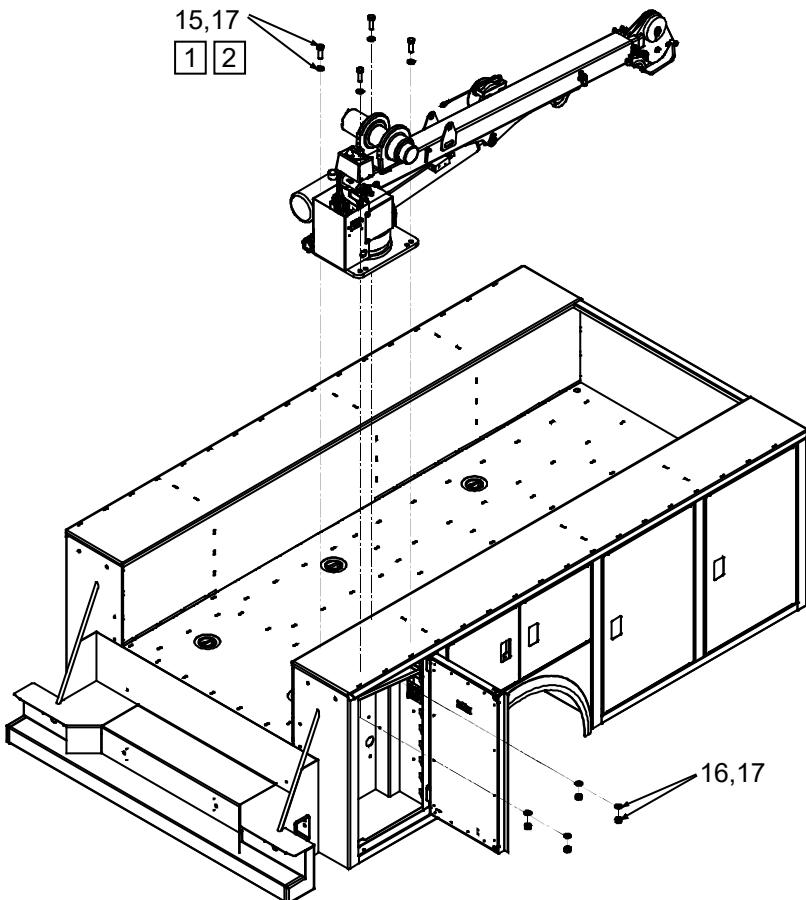
Install the mounting cap screws (item # 15) and washers (item #16) to secure the crane base to the truck body (see figure). Torque the 3/4" cap screws (used on models 3203i and 4004i) to 280 ft-lb and torque to 1" cap screws (used on models 5005i and 6006i) to 680 ft-lb.

NOTE:

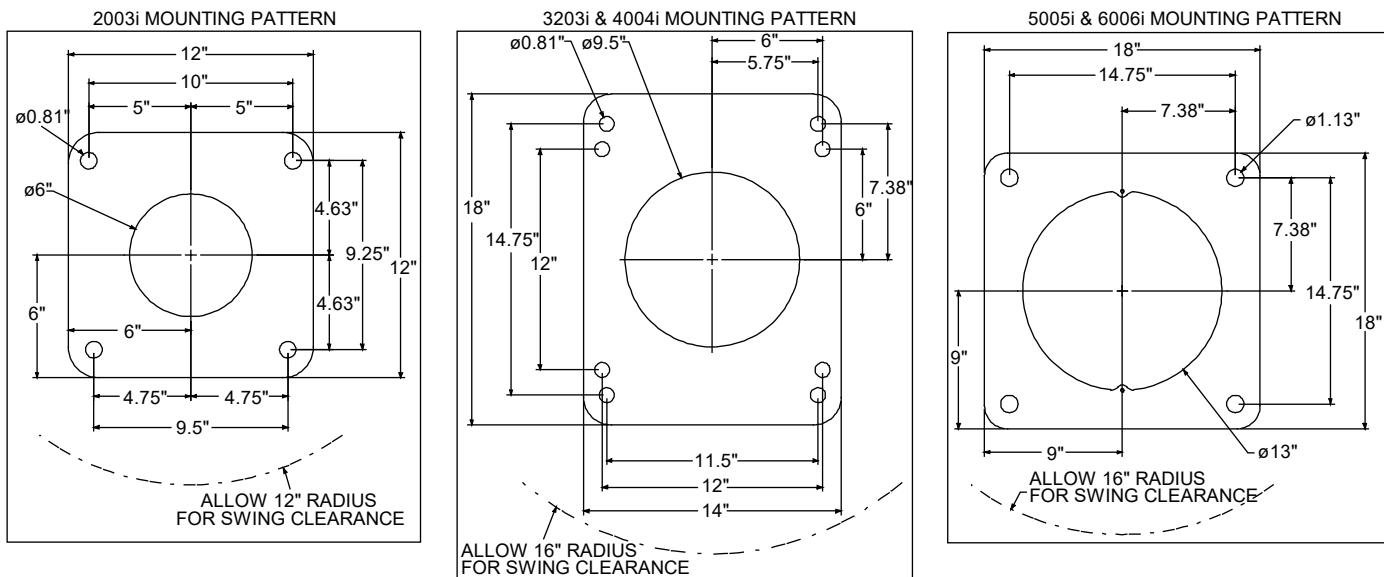
The 3/4-10 x 2.5" grade 8 zinc coated capscrews (models 3203i and 4004i) are designed for a crane box thickness of 1/2" only.

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.

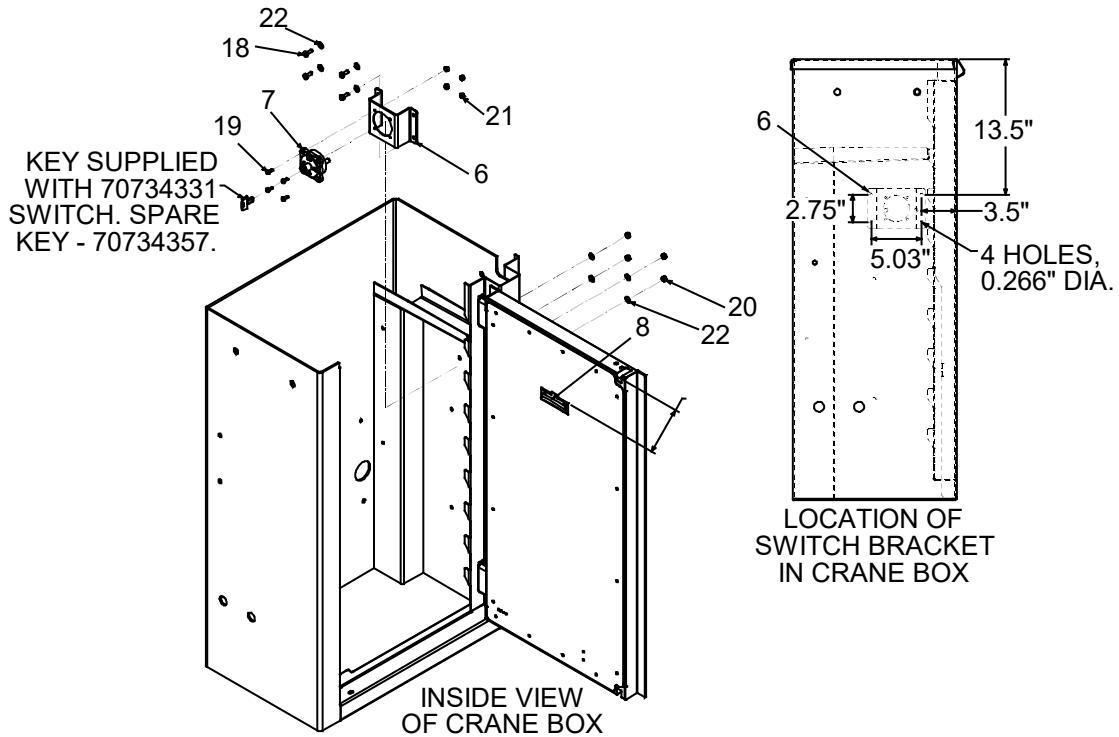
A different crane box may require different capscrews. If different length bolts are required, they must be the same size and of sufficient length. Failure to use proper length bolts may cause the bolts to bottom out before torquing.



MOUNTING PATTERNS

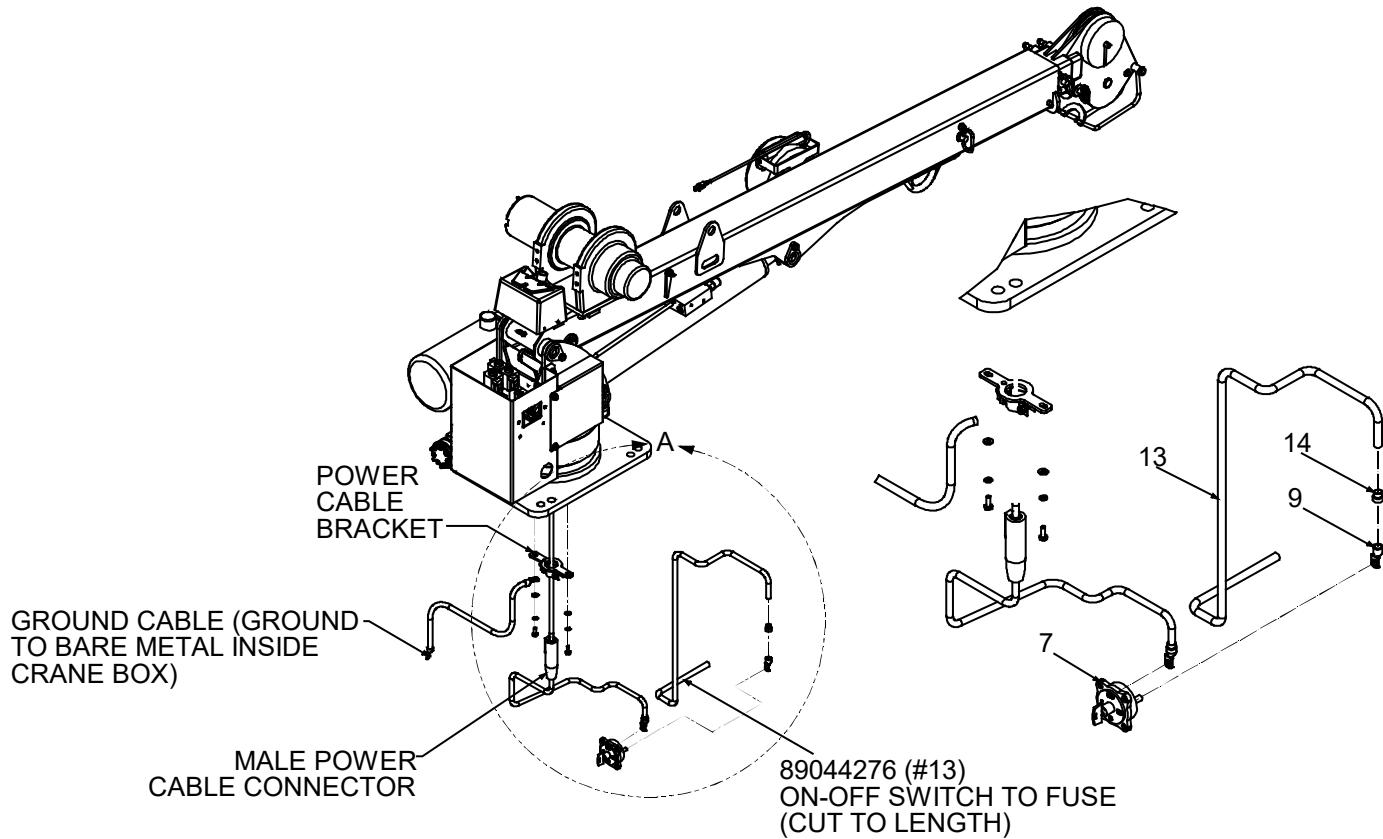


- 2** The electrical power switch (item #7) provides power for the crane. Install the switch onto the power unit cover.



- 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

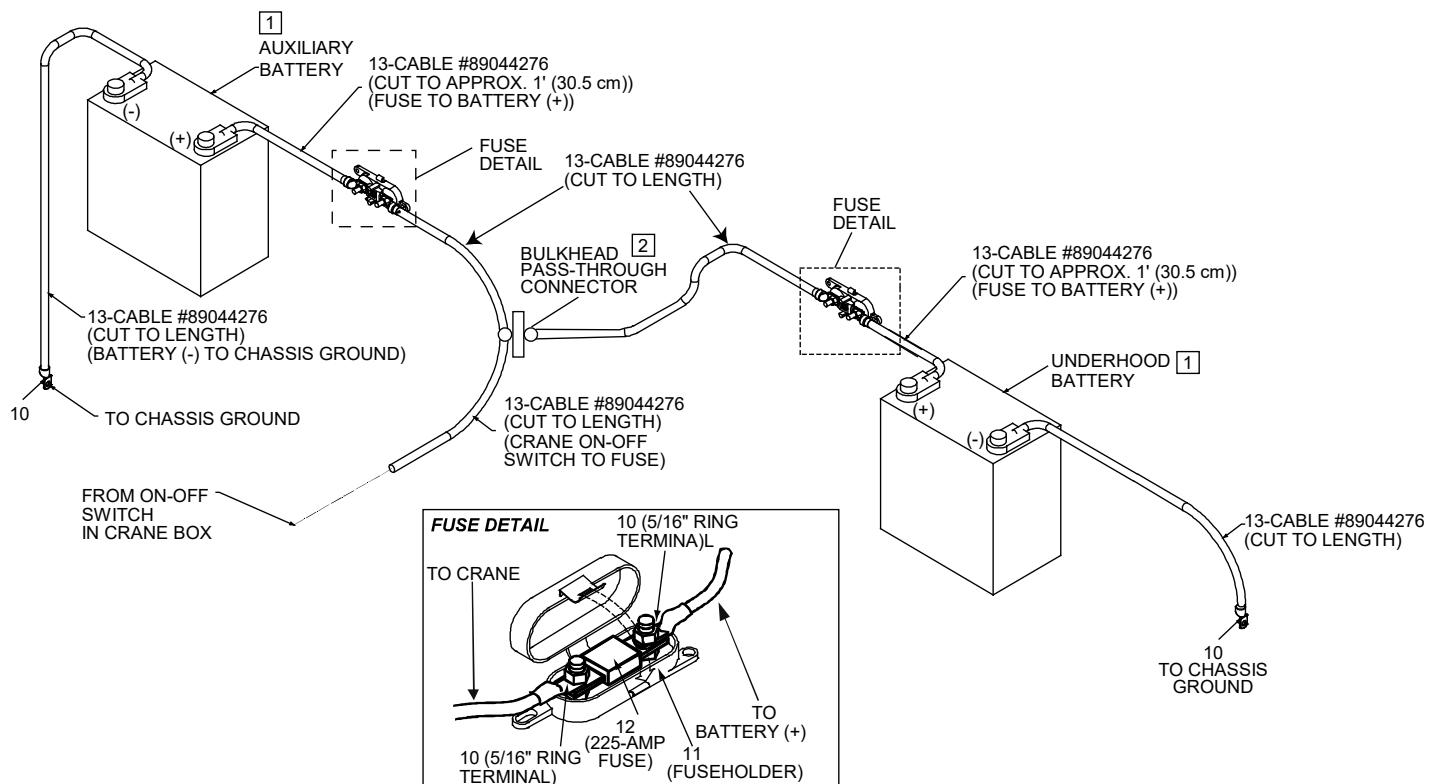
Protect the power cable from damage by fastening it inside the frame channel and covering it with protective covering including loom, conduit, etc. Be sure to use rubber grommets or other protection when running the power cable through steel bulkheads.

- 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.

Protective Sleeve Installation (70034573)



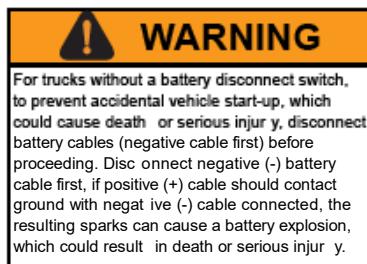
Step 1: Place the protective sleeve under the fuse holder, centering the holder with the protective sleeve.



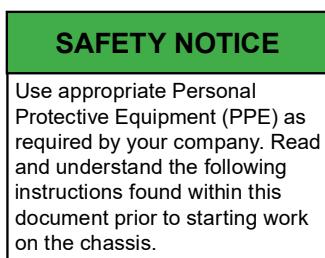
Step 2: Securely wrap the two ends of the protective sleeve together making sure velcro is sealed on the top side of the front jump start plug holder.



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



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



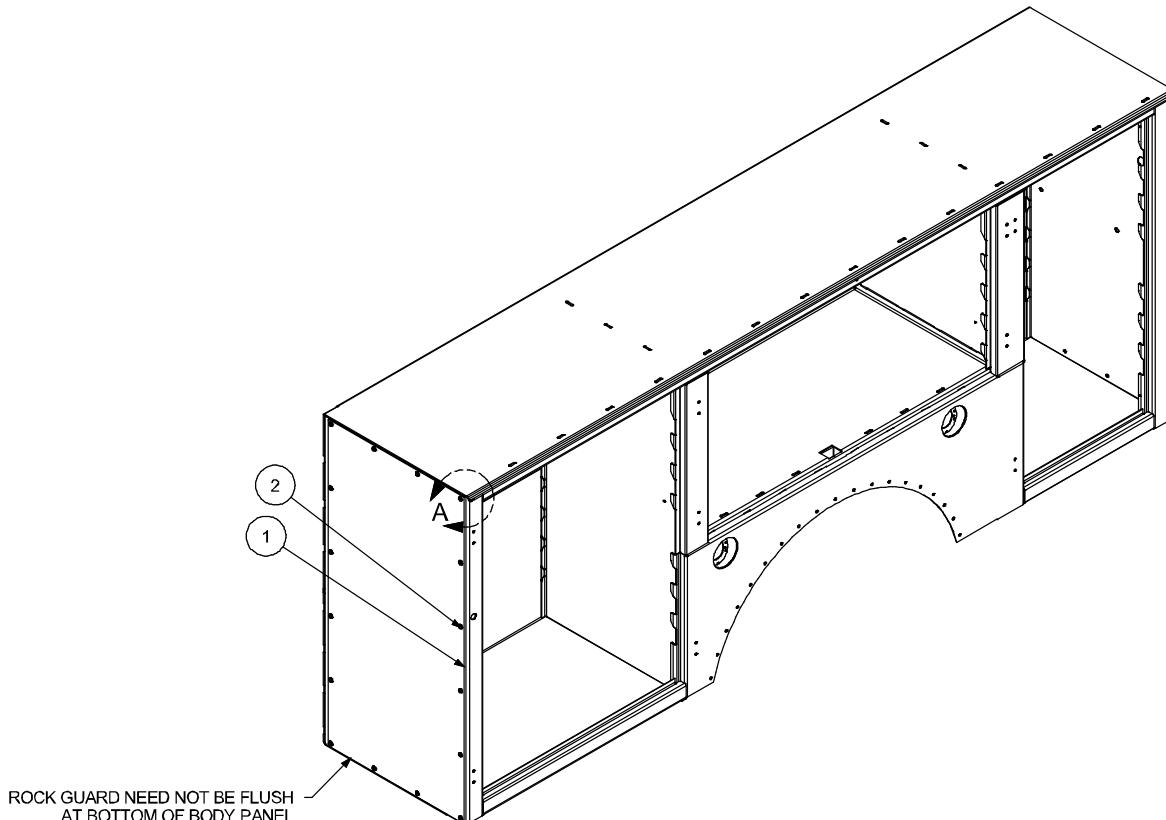
CHAPTER 11

Miscellaneous Options

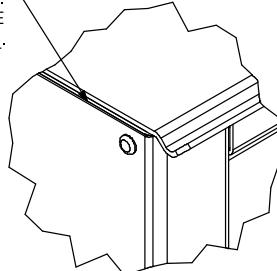
In This Chapter

Salvage / Plumbing Installation Kit (99903803)	201
Salvage Tank Installation, Welder in Load Bed (99903807)	203
Salvage Pump Assembly (51721592) (Eff. 6-08)	204
Antifreeze/Salvage/Water Pump (70734343) (Eff. 6-2008)	205
Antifreeze Salvage Pump Assembly (51720270/Dwg. 99904048) (Through 5-2008)...	207
Headache Rack Parts & Installation (99903657)	208
Master Lock System Drawing (99903665).....	215
Dominator DSC20 Master Lock Kits	218
Ladder Installation (99905673)	219
Ladder Installation (99905129)	220
Ladder Assembly (57273864).....	221
Fuel Fill, Chevy/GMC (99903710)	222
Removable Gate (51712986)	223

Aluminum Rock Guards (99906298)



MAXIMIZE COVERAGE AT TOP OF FRONT PANEL.
INSTALL ROCK GUARDS AS HIGH AS POSSIBLE
JUST UNDER EDGE OF WELD.

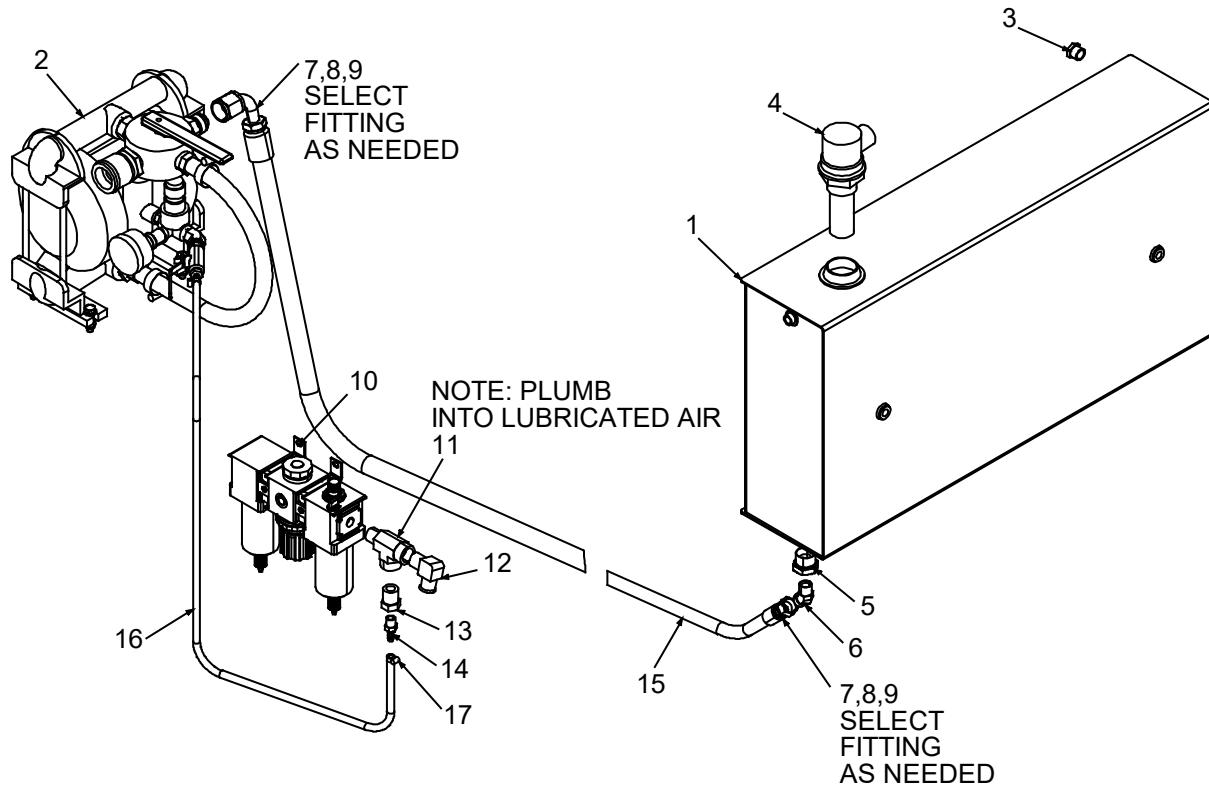


DETAIL A
SCALE .5

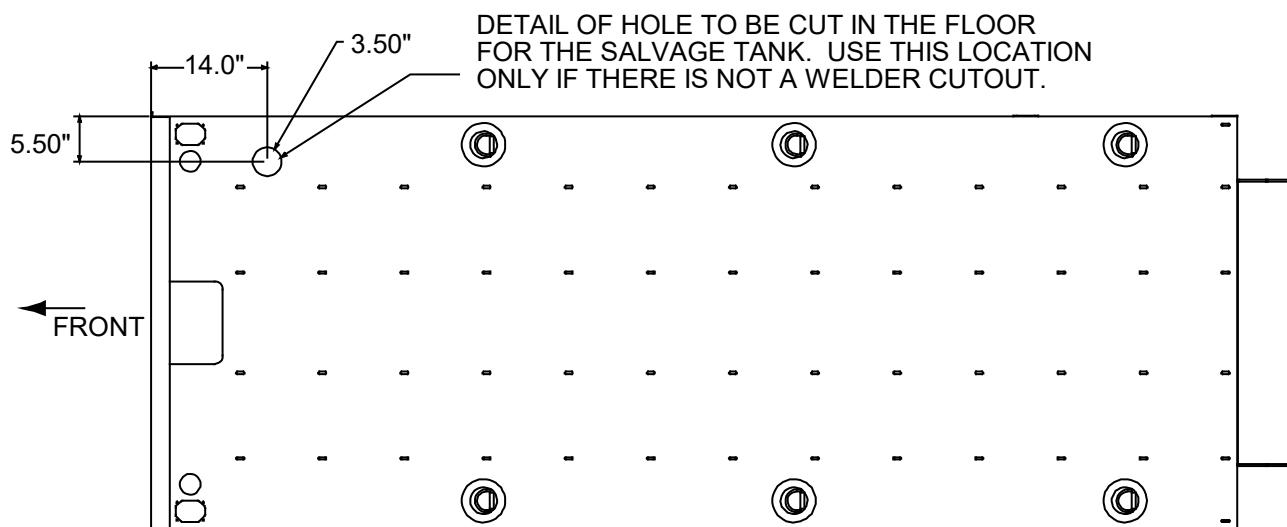
Item No.	Part No.	Description	Qty.
1.	60251811	GUARD-ROCK .06 ALUM DOM(II) 44H W-BEND	REV
2.	72661226	RIVET-AL .257 DIA X .38 GRIP	AR
REV A 20180227			

KIT	PRODUCT	CONFIG.	44" H SDPK	52" H SDPK	60" H SDPK	52" H SDPK 24D	60" H SDPK 24D
			ROCK GUARD PART NUMBER				
			60251811	60251830	60251810	60251844	60251842
51724683	DSC20, DOM1	44" (2)	2				
51724684	DSC20, DOM1	44" (1) 60" (1)	1		1		
51724685	DSC20, DOM1, DOM, DOM3	60" (2)			2		
51724686	DOMCS, DOM2, DOM3	52" (2)		2			
51724687	DOMCS, DOM2, DOM3	52" (1) 60" (1)		1	1		
51724688	DOM4	52" (2)		1		1	
51724689	DOM4	52" (1) 60" (1)		1			1
51724690	DOM1	60" (1)			1		1
			ROCK GUARD PART NUMBER				
			60251843			60251406	
51726574	WELDER DECK	22" (2) UBTB	2				
51726575	WELDER DECK	22" (1) UBTB 60" (1)	1			1	
51727392	WELDER DECK	60" (2)				2	

Salvage / Plumbing Installation Kit (99903803)



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

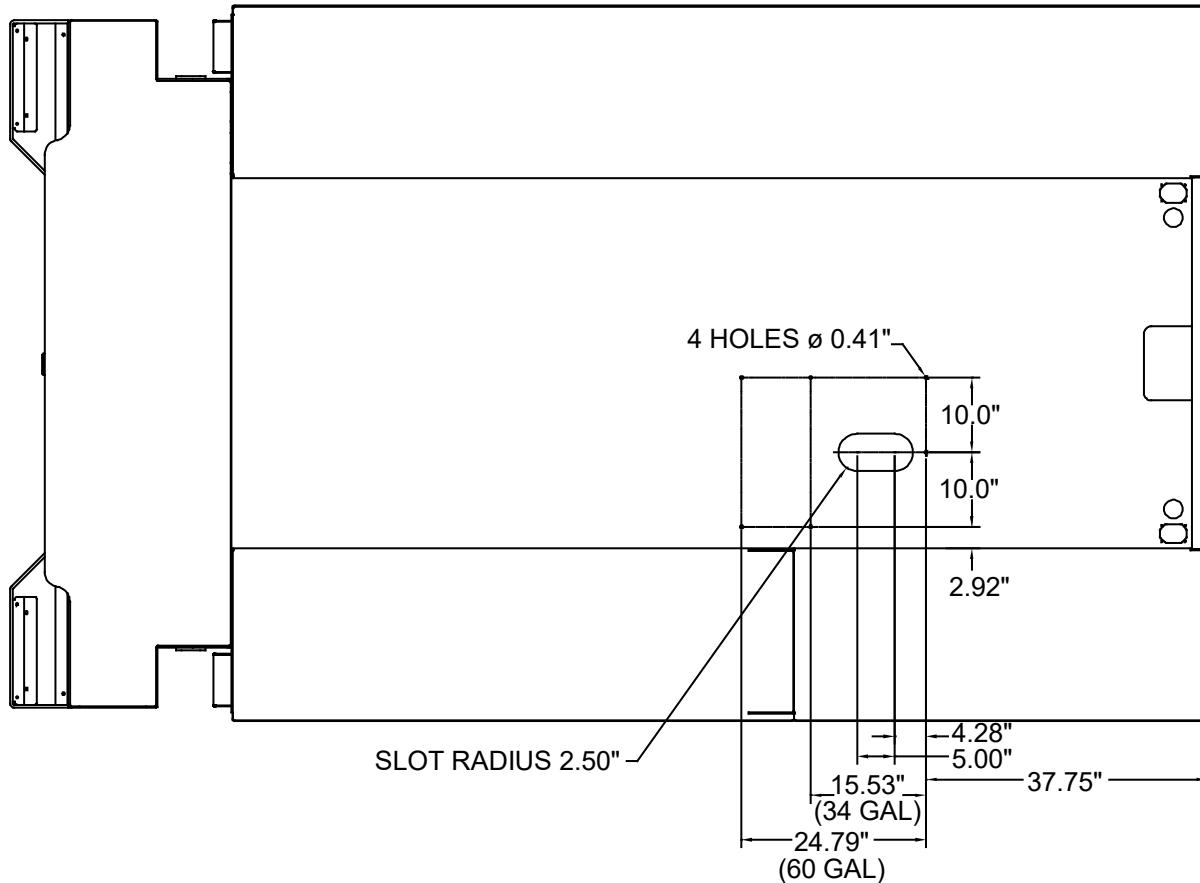


51712838 PARTS LIST (DRAWING 99903803)

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/REFLCT	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)

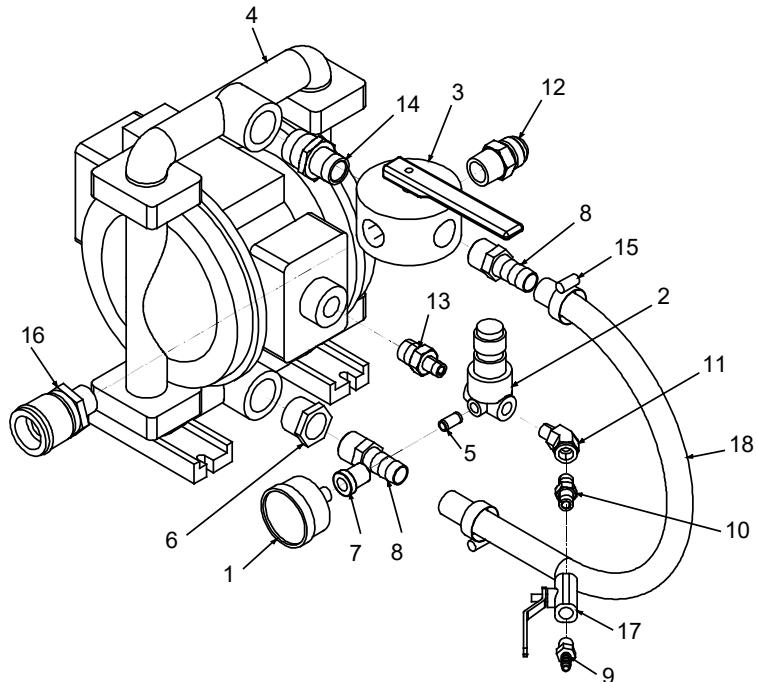


MOUNTING HOLES AND CUTOUTS
FOR INSTALLATION OF SALVAGE
TANK WITH WELDER IN LOADBED.

NOTE:

See 99903803 for plumbing information.

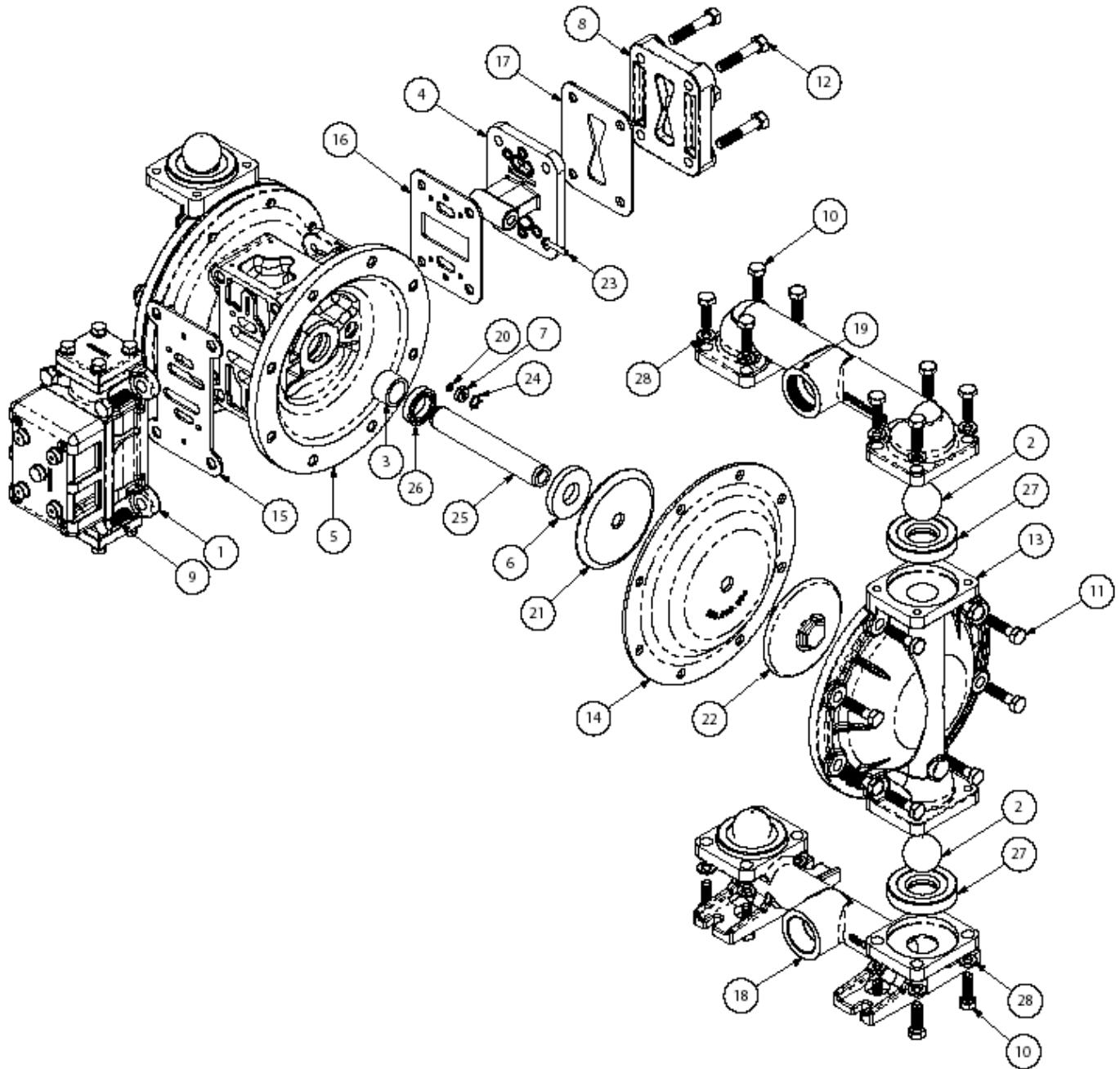
Salvage Pump Assembly (51721592) (Eff. 6-08)



51721592 PARTS LIST

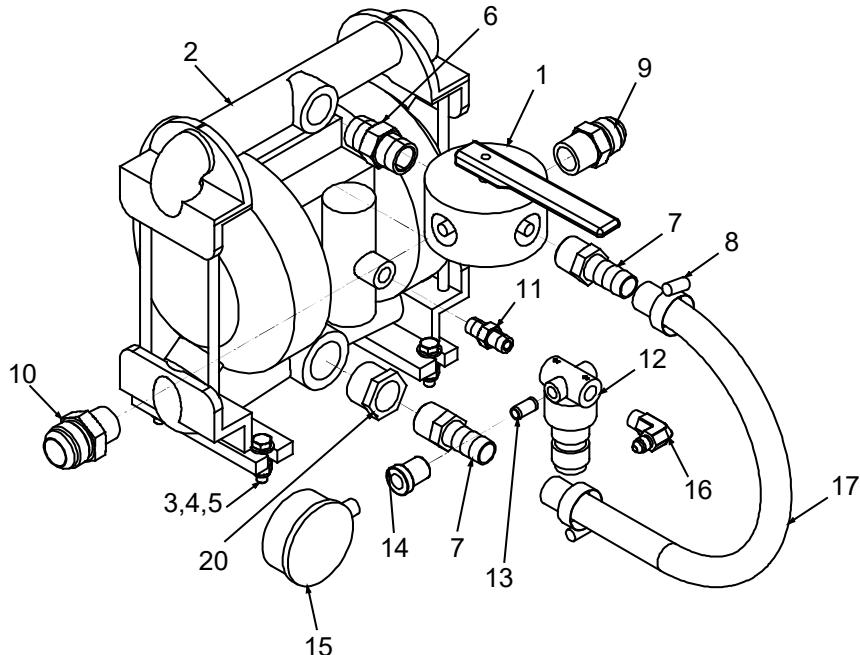
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70048015	GAUGE-PRESS AIR 300 CNTR MNT	1
2.	70048059	REGULATOR-AIR FIXED	1
3.	70732360	VALVE-4WAY	1
4.	70734343	PUMP-DIAPHRAGM 1.00in METALLIC	1
5.	72053000	NIPPLE-PIPE BLK .12X CLOSE	1
6.	72053376	REDUCER BUSH-BLK 1.00- .75	1
7.	72053431	COUPLING-RED BLK .25 - .12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

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

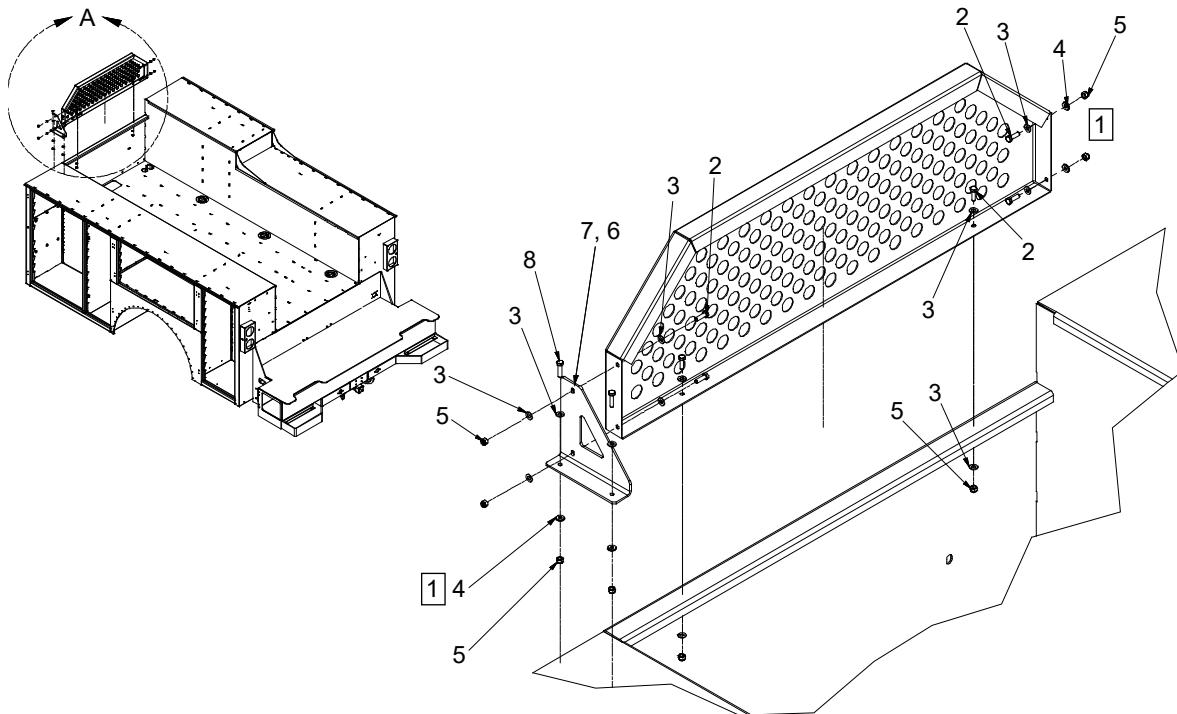

51720270 PARTS LIST (DRAWING 99904048)

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

REV. C 20111031

Headache Rack Parts & Installation (99905201)

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



NOTES (SEE REFERENCE NUMBER IN BOX):

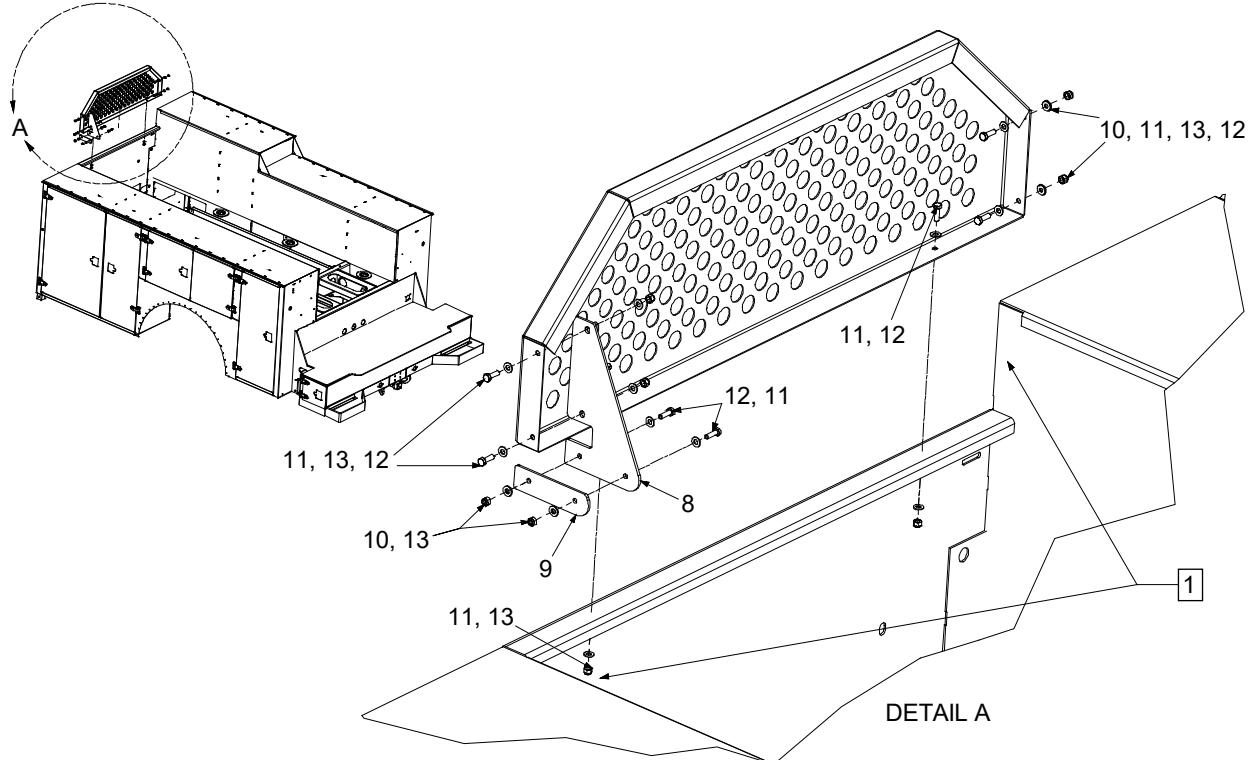
- 1 USE BONDED WASHERS WHEN ATTACHING TO SIDEPACK.
- 2 AT ASSEMBLY, DRILL 0.38" (0.96 cm) DIAMETER HOLES TO PERMIT FASTENING OF HEADACHE RACK.

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

Rev C 20130306

Headache Rack (99905361)

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



NOTE:

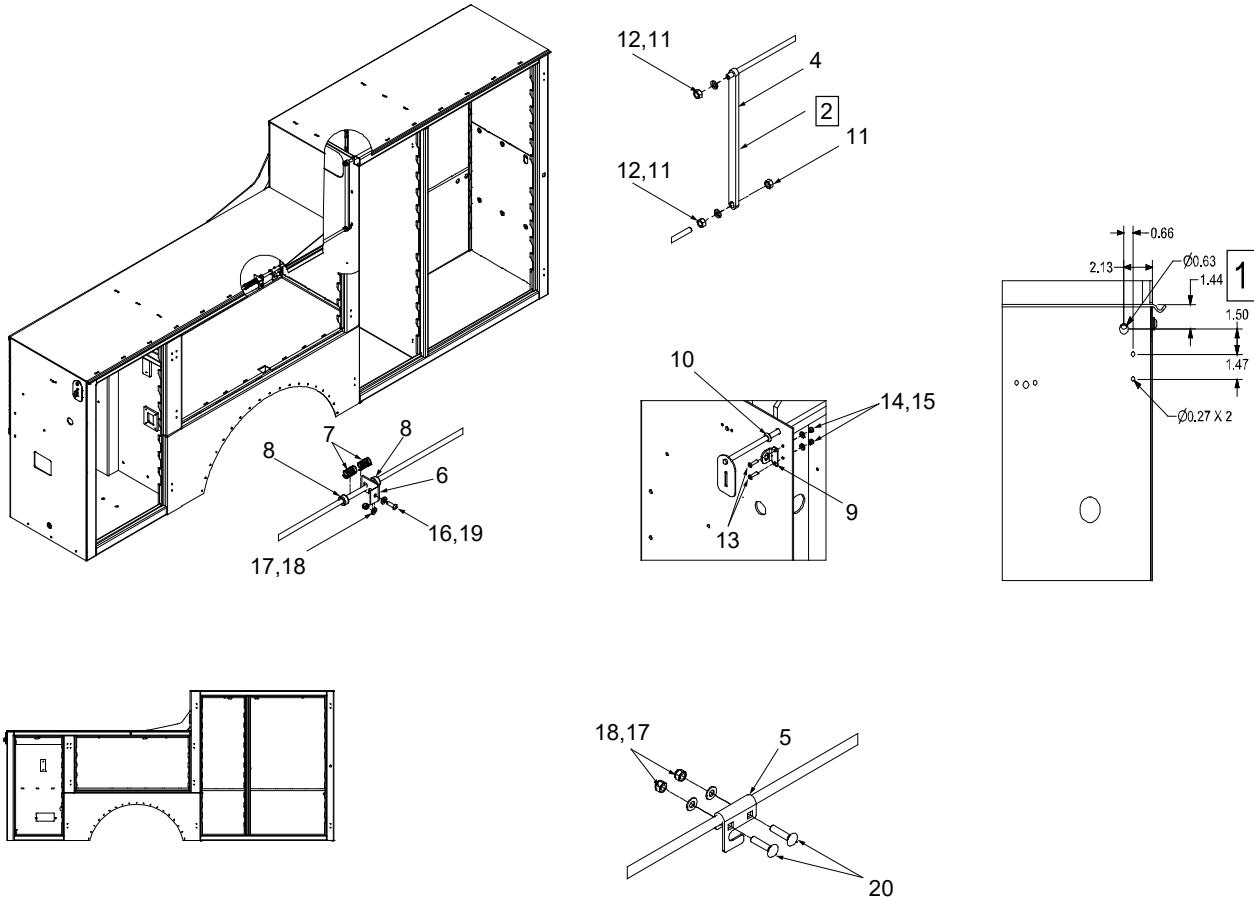
- 1 DURING ASSEMBLY, DRILL 3/8" DIAMETER HOLES AS REQUIRED TO MOUNT HEADACHE RACK TO SIDEPACK.

99905361 PARTS LIST

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

Rev A 20130306

2017 Master Lock System (99906150)



NOTES:

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

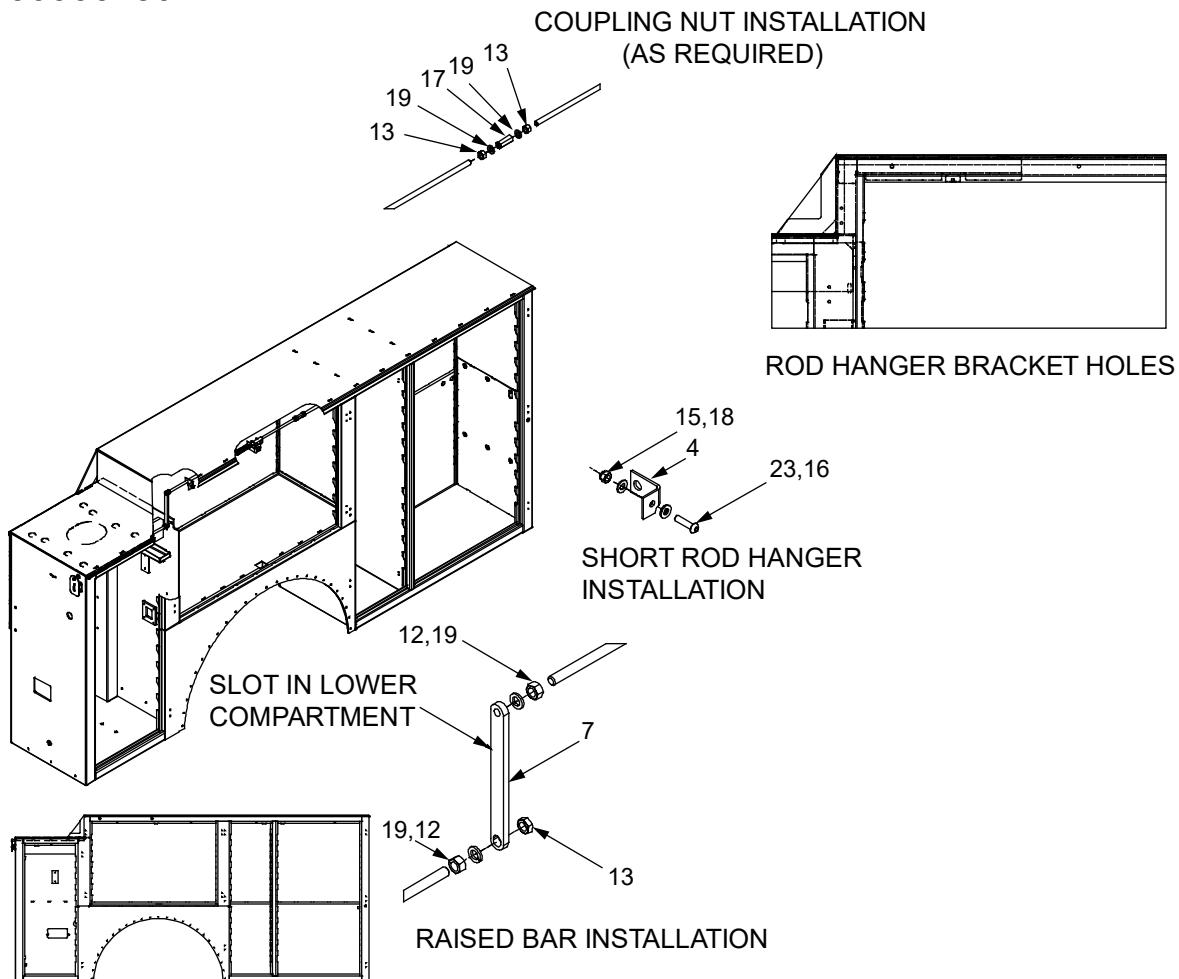
2017 99906150 COMPLETE PARTS LIST

Item	Part No.	Description	Qty
1	99904995	DS3 -SDPK DOM1-11 RH RSD 1-2 W/ CRANE	A/R
2	52726836	ROD-MSTR LOCK 77.50in ASM	A/R
3	60144207	ROD-MSTR LOCK 30in TH	A/R
4	60144211	LINKAGE - MSTR LOCK 16in	A/R
4	60144355	LINKAGE - MSTR LOCK 8in	A/R
5	60144214	BRACKET-ROD STOP RH LOCK	A/R
5	60144212	BRACKET-ROD STOP LH LOCK	1
6	60117214	BRACKET-ROD HANGER MASTER LOCK	A/R
7	60010351	SPRING-COMPRESSION .062 X 1.50 X .845OD	A/R
8	70143654	COLLAR-SHAFT 1 PIECE 1/2 in.	A/R
9	60144213	HASP EYE - .5 SHACKLE SS	A/R

2017 99906150 COMPLETE PARTS LIST			
Item	Part No.	Description	Qty
10	70034277	GROMMET-POLY .52ID GR-5/8-UL	A/R
11	72062004	NUT .50-13 HEX	A/R
12	72063053	WASHER .50 LOCK	A/R
13	72602140	SCR-MACH .25-20X 1.00 BTNHD HEX SS	A/R
14	72062104	NUT .25-20 HEX NYLOCK	A/R
15	76392820	WASHER-BONDED .25 PLTD	A/R
16	72601590	SCR-MACH .31-18X 1.00 BTNHD HEX SS	A/R
17	72062109	NUT .31-18 HEX NYLOCK	A/R
18	72063002	WASHER .31 FLAT	A/R
19	72062314	WASHER-BONDED .31 SS	A/R
20	72601435	BOLT-CRG .31-18X 1.25 SQNK GR2	A/R

REV. B 20170414

99906150-1



2017 99906150-1 COMPLETE PARTS LIST

Item	Part No.	Description	Qty
1	99905092	SDPK-DS3 -DOM2-11 RH R60 W CRN	A/R
2	52726925	ROD-MSTR LOCK 27.50in ASM	A/R
3	60010351	SPRING-COMPRESSION .062 X 1.50 X .845OD	A/R
4	60144540	BRACKET-ROD HANGER MASTER LOCK-SHORT	A/R
5	60144213	HASP EYE - .5 SHACKLE SS	A/R
6	60144212	BRACKET-ROD STOP LH LOCK	A/R
6	60144214	BRACKET-ROD STOP RH LOCK	A/R
7	60144355	LINKAGE - MSTR LOCK 8in	A/R
8	60144376	ROD-MSTR LOCK 38.50in DBL TH	A/R
10	70034277	GROMMET-POLY .52ID GR-5/8-UL	A/R
11	70143654	COLLAR-SHAFT 1 PIECE 1/2 in.	A/R
12	72062004	NUT .50-13 HEX	A/R
13	72062024	NUT .50-13 HEX JAM ZINC	A/R
14	72062104	NUT .25-20 HEX NYLOCK	A/R

2017 99906150-1 COMPLETE PARTS LIST			
Item	Part No.	Description	Qty
15	72062109	NUT .31-18 HEX NYLOCK	A/R
16	72062314	WASHER-BONDED .31 SS	A/R
17	72062399	NUT .25-20 HEX GR2 Z COUPLE 0.875 L	A/R
18	72063002	WASHER .31 FLAT	A/R
19	72063053	WASHER .50 LOCK	A/R
20	72601435	BOLT-CRG .31-18X 1.25 SQNK GR2	A/R
21	72601590	SCR-MACH .31-18X 1.00 BTNHD HEX SS	A/R
22	72602140	SCR-MACH .25-20X 1.00 BTNHD HEX SS	A/R
23	72602146	SCR-MACH .31-18X 1.25 BTNHD HEX SS	A/R
REV. B 20170414			

2017 Master Lock Kits

KIT NUMBERS	BODY DESCRIPTION
51735006	9-FOOT DOMINATOR WITH RIGHT AND LEFT STANDARD
51735007	9-FOOT DOMINATOR WITH RIGHT-FRONT RAISED AND LEFT STANDARD
51735008	11-FOOT DOMINATOR WITH RIGHT AND LEFT STANDARD
51735011	11-FOOT DOMINATOR WITH RIGHT AND LEFT ALL RAISED WITH CRANE BOX AT 52
51735012	11-FOOT DOMINATOR WITH RIGHT-FRONT RAISED AND LEFT STANDARD
51735013	11-FOOT DOMINATOR WITH RIGHT FRONT AND LEFT FRONT RAISED

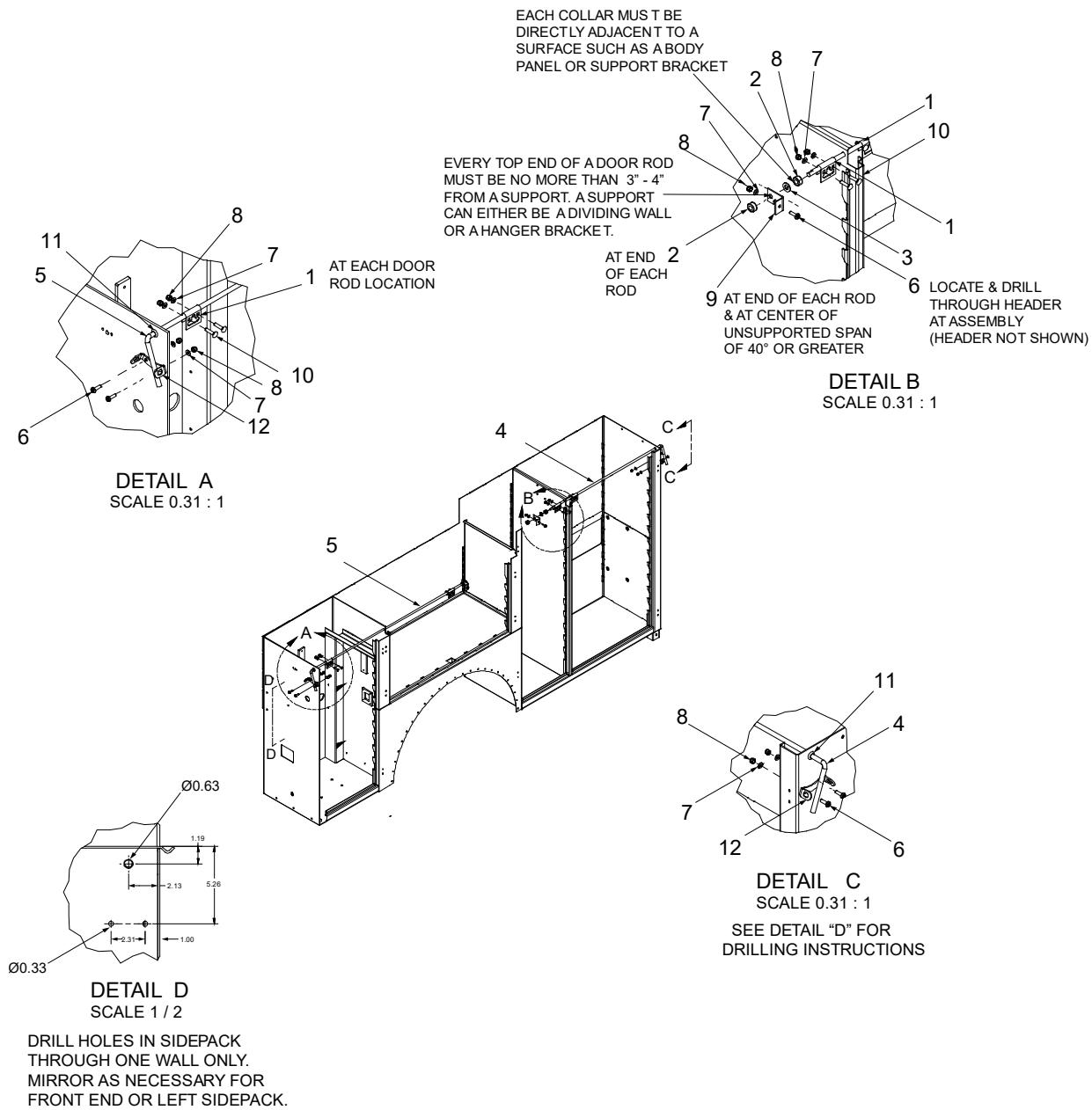
PART #	DESCRIPTION	KIT NUMBER					
		51735006	51735007	51735008	51735011	51735012	51735013
52726919	ROD-MSTR LOCK 82in ASM	2	1	-	-	-	-
60144347	ROD-MSTR LOCK 9in TH	-	1	-	-	-	-
52726918	ROD-MSTR LOCK 74in ASM	-	1	-	-	-	-
52726835	ROD-MSTR LOCK 105in ASM	-	-	2	1	1	-
52726836	ROD-MSTR LOCK 77.50in ASM	-	-	-	-	1	2
60144207	ROD-MSTR LOCK 30in TH	-	-	-	-	1	2
60144376	ROD-MSTR LOCK 38.50in DBL TH	-	-	-	2	-	-
52726925	ROD-MSTR LOCK 27.38in ASM	-	-	-	1	-	-
60144355	LINKAGE - MSTR LOCK 8in	-	-	-	1	-	-
60144211	LINKAGE - MSTR LOCK 16in	-	1	-	-	1	2
60144214	BRACKET-ROD STOP RH LOCK	3	3	4	4	4	4
60144212	BRACKET-ROD STOP LH LOCK	3	3	4	4	4	4
60117214	BRACKET-ROD HANGER MASTER LOCK	2	2	2	2	2	2
60144540	BRACKET-ROD HANGER MASTER LOCK SHORT	-	-	-	1	-	-
60010351	SPRING-COMPRESSION .062 X 1.50 X .845OD	4	4	4	4	4	4
70143654	COLLAR-SHAFT 1 PIECE 1/2 in.	4	4	4	4	4	4
60144213	HASP EYE - .5 SHACKLE SS	2	2	2	2	2	2
70034277	GROMMET-POLY .52ID GR-5/8-UL	2	2	2	2	2	2
72062004	NUT .50-13 HEX GR5 Z	-	3	-	4	3	6
72062399	NUT .50-13 HEX ZC COUPLE 1.75 L	-	-	-	1	-	-

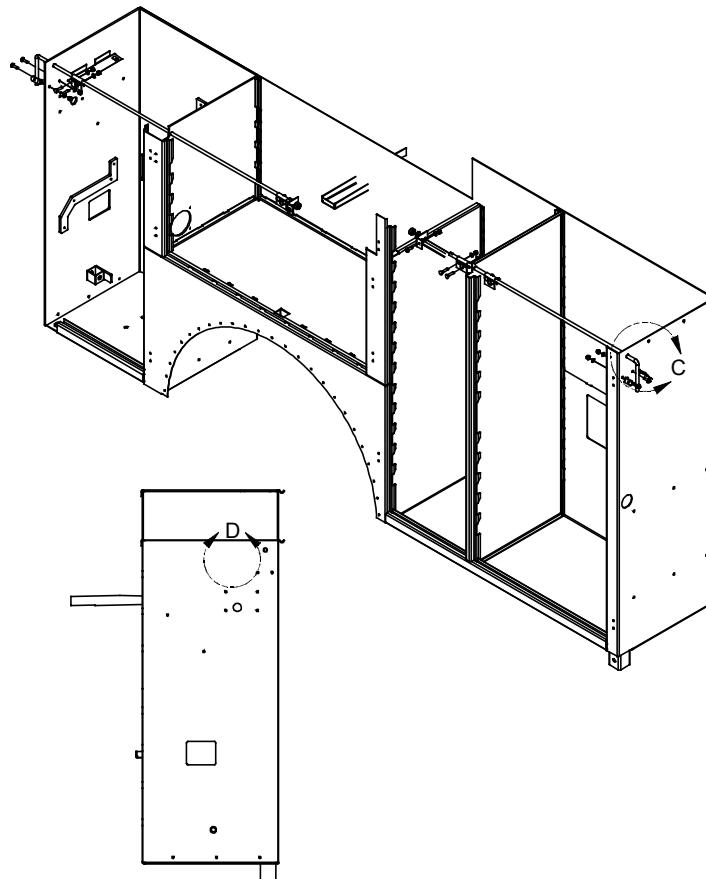
PART #	DESCRIPTION	KIT NUMBER					
		51735006	51735007	51735008	51735011	51735012	51735013
QTY	QTY	QTY	QTY	QTY	QTY	QTY	QTY
72062024	NUT .50-13 HEX GRA Z JAM	-	-	-	1	-	-
72063053	NUT .44-14 HEX GR5 Z	-	2	-	4	2	4
51735000	KIT-HRDW MSTR LOCK 9FT	1	1	-	-	-	-
51735001	KIT-HRDW MSTR LOCK 11FT	-	-	1	-	1	1
51735002	KIT-HRDW MSTR LOCK 11FT ALL RSD 52 CRN	-	-	-	1	-	-

Master Lock System Drawing (99903665)

Effective through: March 2017

MASTER LOCK SYSTEM DETAILS



MASTER LOCK SYSTEM INSTALLATION (CONTINUED)**99903665 PARTS LIST Effective through: May 2017**

ITEM	PART #	DESCRIPTION	QTY
1.	60117216	BRACKET-ROD STOP 2.00 M LOCK	A/R
2.	70143654	COLLAR-SHAFT 2 PIECE 1/2 in.	A/R
3.	72063205	WASHER-FLAT .50 TYPE 304SS	A/R
4.	FRONT	ROD-MASTER LOCK XX.XX IN. X 6.00	A/R
5.	REAR	ROD-MASTER LOCK XX.XX IN. X 6.00	A/R
6.	72601590	CAP SCR-SS .31-18X1.00 TRH PHH	A/R
7.	72063001	WASHER .25 FLAT	A/R
8.	82062109	NUT .31-18 HEX NYLOCK	A/R
9.	60117214	BRACKET-ROD HANGER MASTER LOCK	A/R
10.	72601435	BOLT-CRG .31-18X 1.25 SQNK GR2	A/R
11.	70034277	GROMMET-POLY .52ID GR-5/8-UL	A/R
12.	60138970	BRACKET-PADLOCK MASTER LOCK (ONE PIECE)	A/R
REV. J 20160114			

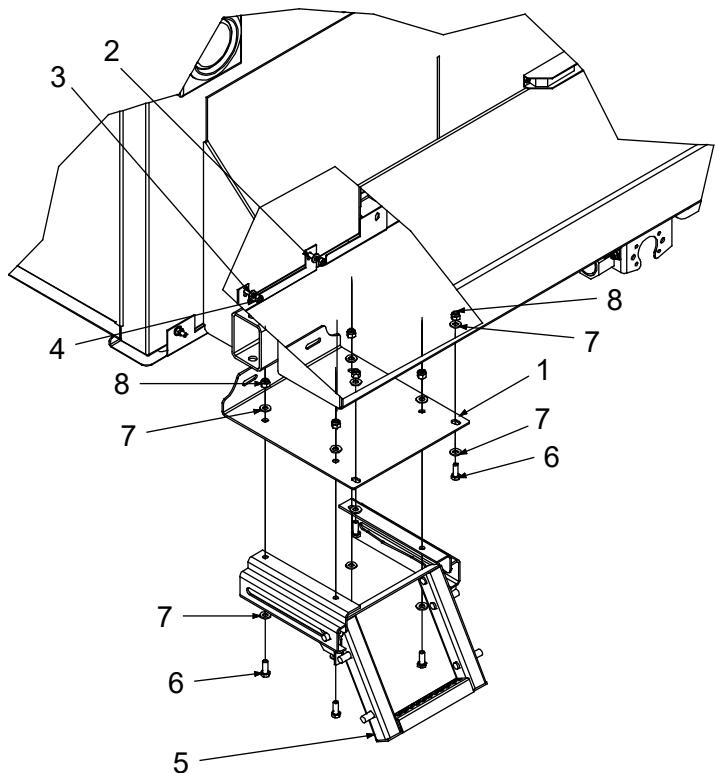
Dominator DSC20 Master Lock Kits

Effective through: March 2017

MASTER LOCK KIT #	BODY DESCRIPTION
51719925	9-FOOT DOMINATOR WITH RIGHT AND 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

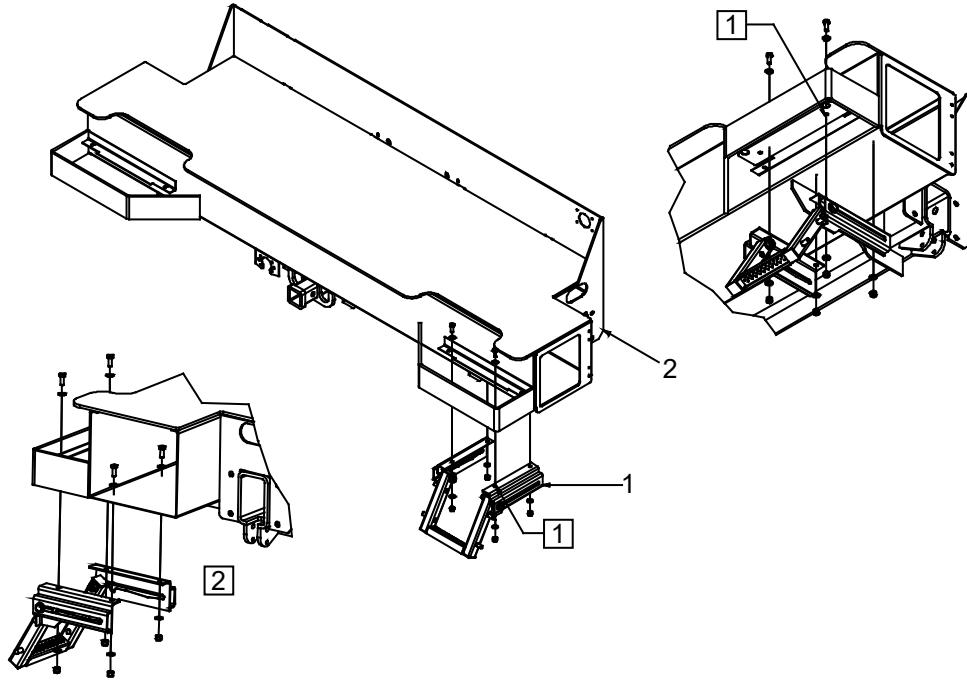
		QUANTITY			
	KIT #	51719925	51719620	51719621	51719622
PART #	DESCRIPTION				
99903665	DRAWING, INSTALLATION	1	1	1	1
60121632	ROD- 106X6		1	2	
70143654	COLLAR-SHAFT 2 PIECE	4	6	4	8
60138970	BRACKET-PADLOCK	2	3	2	4
60117216	BRACKET-ROD STOP	6	8	8	8
60117214	BRACKET-ROD HANGER	2	2	2	2
60121633	ROD- 43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

Ladder Installation (99905673)



99905673 PARTS LIST				
ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	60141620	BRKT - DSC SLIDE OUT STEP		1
2.	72060025	CAP SCR	.31-18X 1.00 HH GR5 Z	2
3.	72063002	WASHER	.31 FLAT	2
4.	72062109	NUT	.31-18 HEX NYLOCK	2
5.	51726580	LADDER ASSEMBLY		1
6.	72060046	CAP SCR	.38-16X 1.00 HH GR5 Z	6
7.	72063003	WASHER	.38 FLAT	12
8.	72062103	NUT	.38-16 HEX NYLOCK	6

Ladder Installation (99905129)



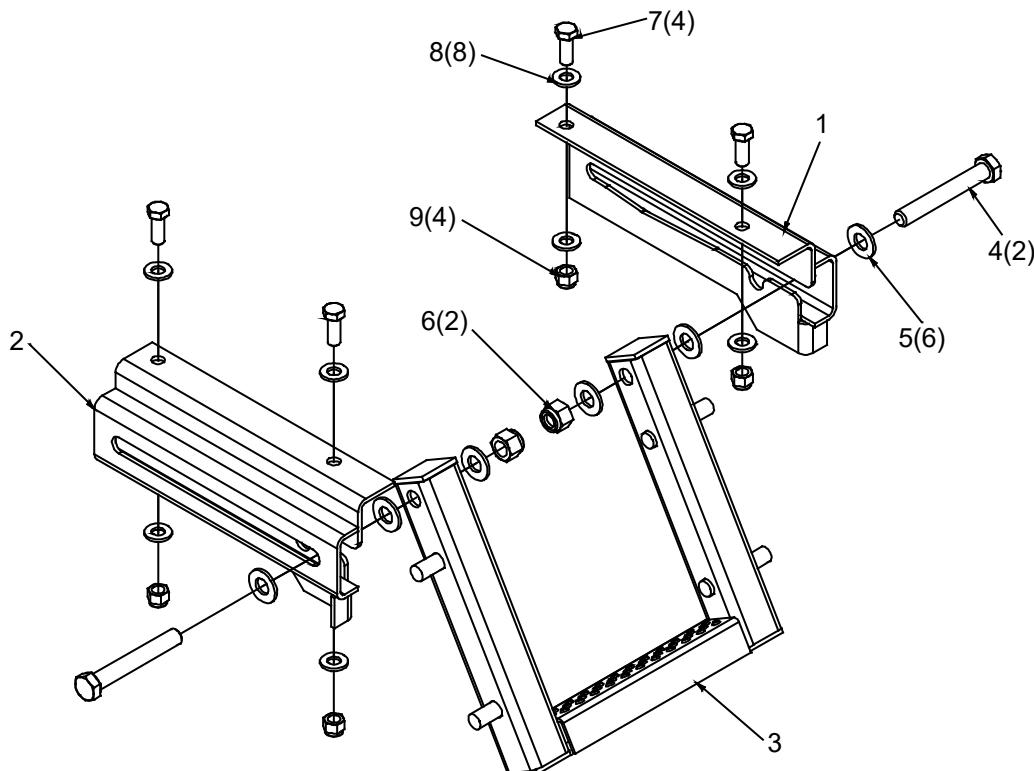
NOTES (SEE REFERENCE NUMBER IN BOX):

- 1 ALIGN HOLE IN STEP BRACKET WITH OUTSIDE HOLE IN REAR STEP CHANNEL.
- 2 STEP BUMPER END CAP REMOVED FROM THIS VIEW FOR CLARITY.

99905129 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	52723864	LADDER ASSEMBLY		1
2.	99905039	DRAWING, REAR STEP BUMPER WELDMENT		1
20110706				

Ladder Assembly (52723864)



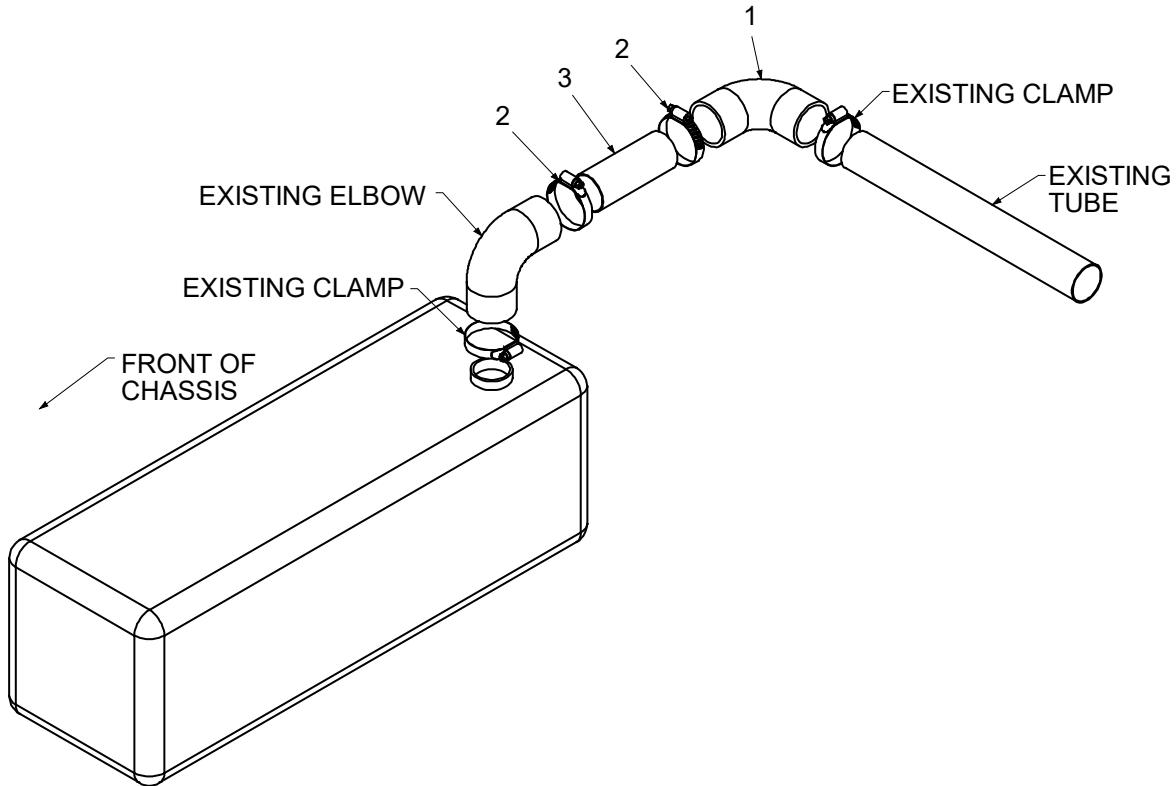
NOTES:

1 HARDWARE IS CONTAINED IN KIT 51723865.

52723864 PARTS LIST

ITEM	PART #	DESCRIPTION	DETAILS	QUANTITY
1.	52723863	RIGHT HAND STEP BRACKET		1
2.	52723862	LEFT HAND STEP BRACKET		1
3.	52723861	LADDER WELDMENT		1
4.	72060921	CAP SCREW	.50-13 X 3.75 HHGR5Z	2
5.	72063005	WASHER	.50 FLAT	6
6.	72062080	NUT	.50-13 HEX NYLOCK	2
7.	72060046	CAP SCREW	.38-16 X 1.00 HHGR5Z	4
8.	72063003	WASHER	.38 FLAT	8
9.	72062103	NUT	.38-16 HEX NYLOCK	4
REV A 20110706				

Fuel Fill, Chevy/GMC (99903710)

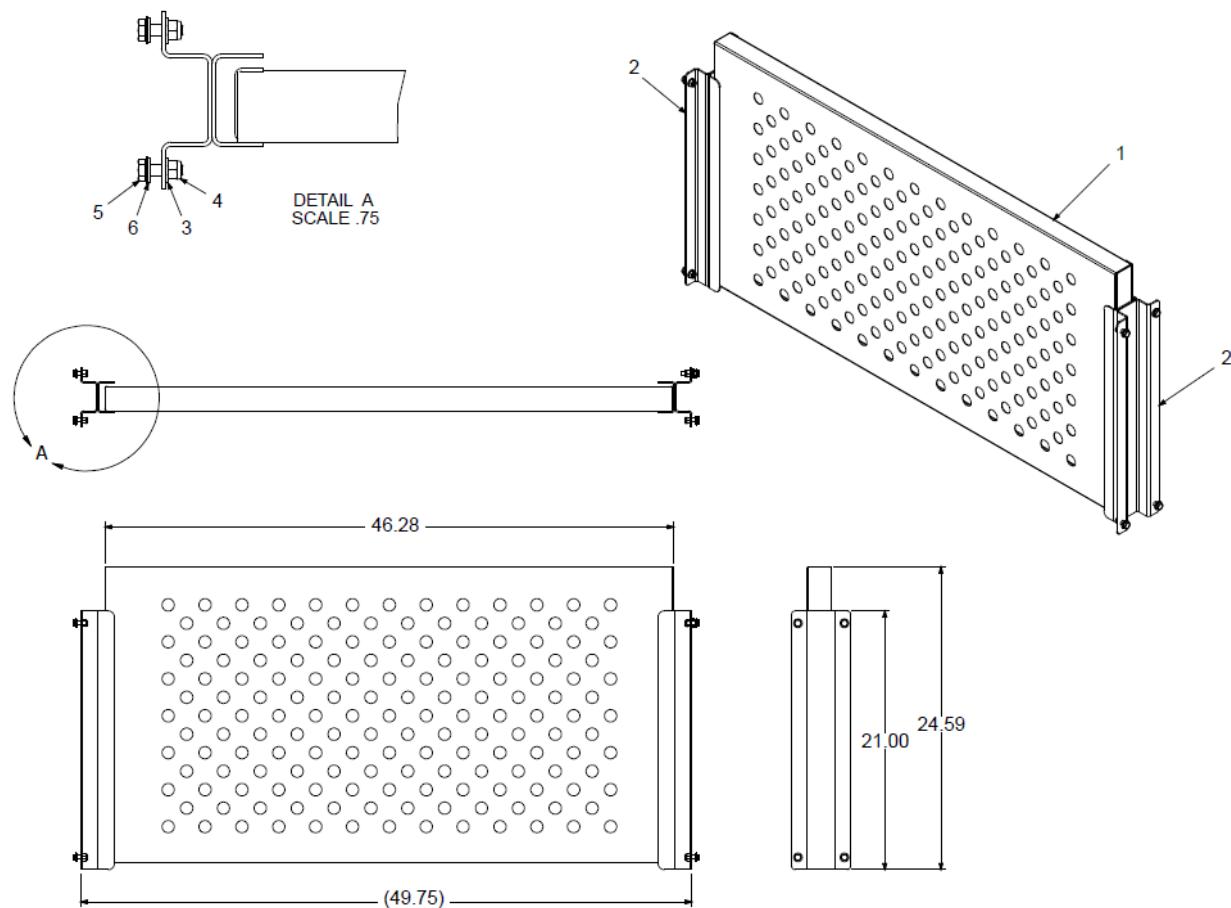


99903710 PARTS LIST

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

NEW 20051020

Removable Gate (51712986)



51712986 PARTS LIST

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

CHAPTER 12

Welder Platforms

In This Chapter

Installation Kit, Dominator I & DSC20 (Kit 51720049/Dwg 99903912)	225
Welder Deck, 24" Long with 2 Underbody Toolboxes (51720055)	228
Welder Deck, 35" Long with 2 Underbody Toolboxes (51720057)	229
Welder Deck, 36" Long with Flat Deck (51720059)	233
Welder Deck, 24" Long with Tall Compartment (51719952)	234
Welder Deck, 35" Long with Curbside Tall Compartment (51720061)	235
Welder Deck, 35" Long with Streetside Tall Compartment (51720063).....	238

SHELVES	
Shelf Size	Part No.
24"	51727559
35"	51727601
LIGHT KITS (LED)	
Size	Part No.
UBTB / UBTB	51727602
LH 60" / RH UBTB	51727603
LH UBTB / RH 60"	51727604
LH 60" / RH 60"	51727605
ALUMINUM ROCK GUARDS	
Size	Part No.
1-UBTB / 1 – 60"	51726575
2 – UBTB	51726574
2 – 60"	51727392

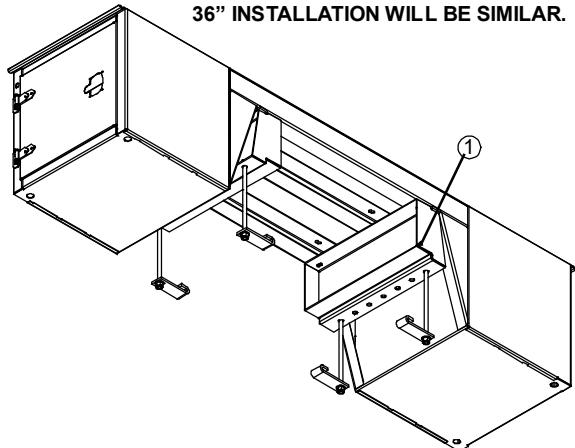
Installation Kit, Dominator I & DSC20 (Kit 51720049-24" / 51727560-36" Dwg 99903912)

Effective: 7/12/2018

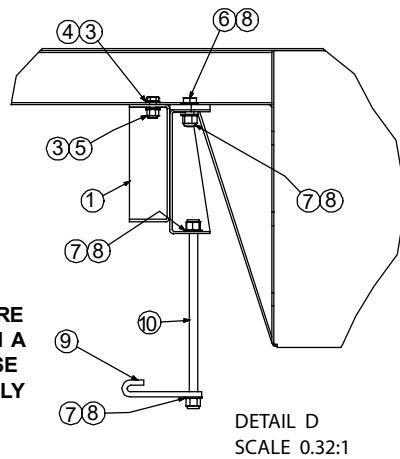
HARDWARE THAT FASTENS UPPER
PART OF BRACKET IS
PART OF KIT 51720051.

THIS WILL MOUNT A WELDER DECK
IN A DOM 1 APPLICATION.

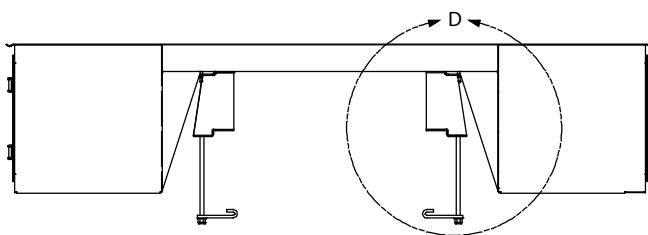
24" DECK IS SHOWN FOR REFERENCE ON LY.
36" INSTALLATION WILL BE SIMILAR.



THESE ITEMS ARE
INCLUDED WITH A
STANDARD BASE
WELDER DECK ASSEMBLY



DETAIL D
SCALE 0.32:1



SECTION C-C
SCALED 16:1

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52720050	BRACKET-MTG WELDER DECK D1 (II) (24" DECK)	AR-2
2.	52727550	BRACKET-MTG WELDER DECK D1 (II) (36" DECK)	AR-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

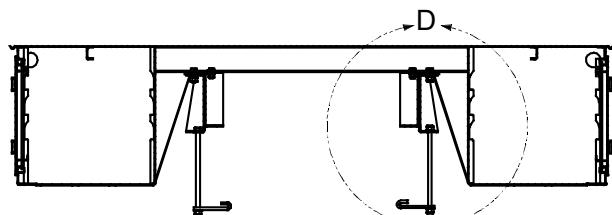
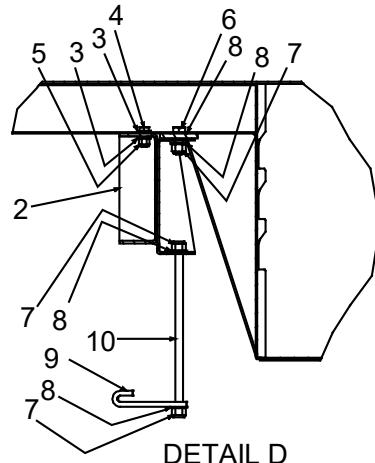
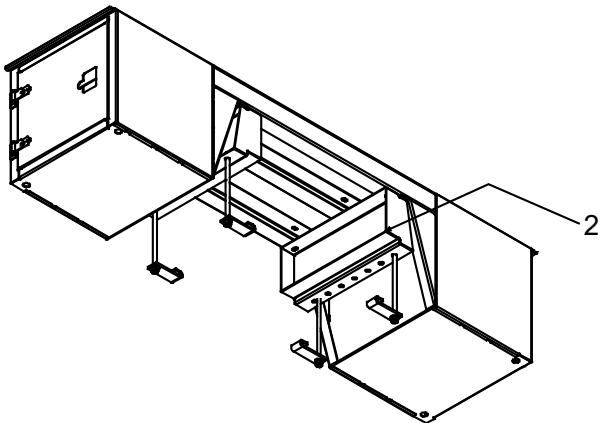
ITEM NO.	PART NO.	DESCRIPTION	QTY.
8.	72063007	WASHER .62 FLAT	16
9.	60108981	TIE DOWN-BODY 4.00 FRAME	4
10.	60109048	ROD-THREADED .62-11 X 14.00	4
REV. A CN843 20180716			

INSTALLATION KITS:

24" USE: 51720049

36" USE: 51727560

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



SECTION C-C

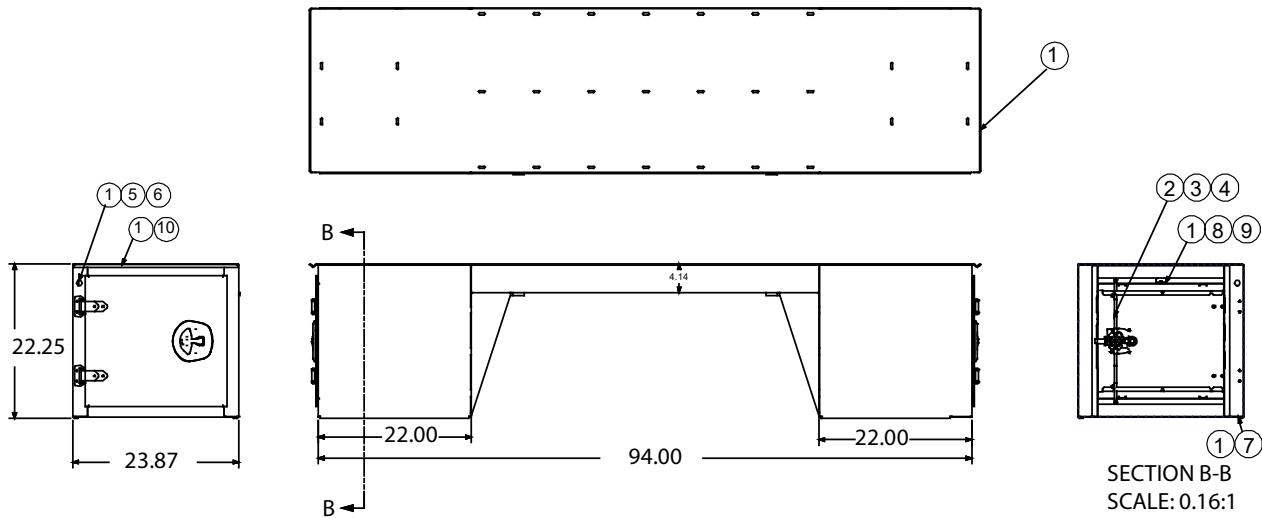
NOTE:

- 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

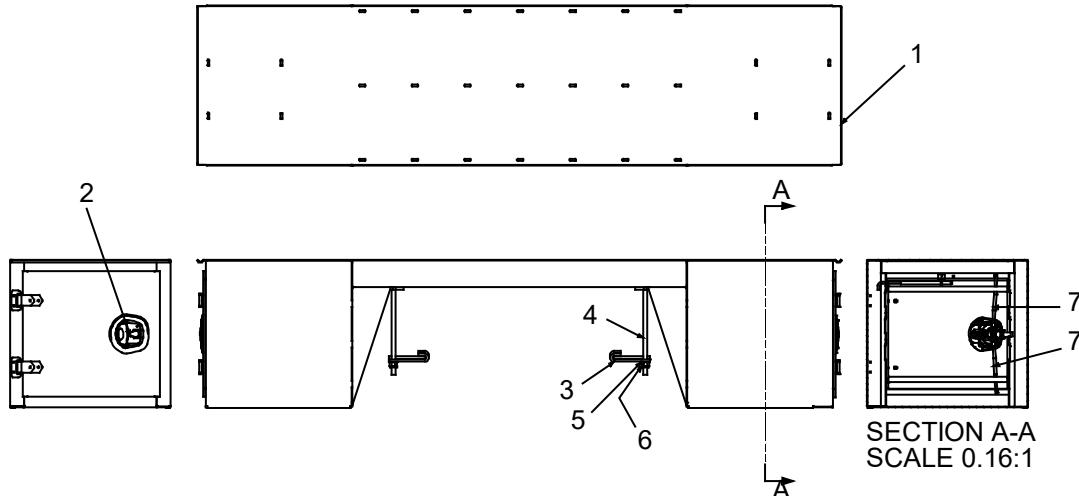
Welder Deck, 24" Long with 2 Underbody Toolboxes (51720055) Effective: 7/12/2018



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52727544	D(II)-WELDER DECK-WLDMT 24in L UBT-R UBT	1
2.	60128412	ROD-DOOR 8.12 LG W/.75" OFFSET	4
3.	72661713	LATCH ASM-3PT COMPRESSION-STAMPED	2
4.	89393637	WEATHERSTRIP-.50X.50 TRIM-LOC X202-BT	17
5.	77441431	HARNESS-WELDER DECK MARKER LIGHTS	1
6.	77040615	LIGHT-CLEARANCE AMBER LED ROUND W/GROMME	1
7.	70034366	PLUG-PLSTC BUTTON BP-1 1/8	4
8.	70143791	BALL STUD-PNEU SPRING 10MM	4
9.	73050188	SPRING-PNEUMATIC 40 3in STR W-OC DYN	2
10.	89396626	EDGING-PLASTIC 5/16in BLACK 250ft ROLL	5

REV. B 20180712

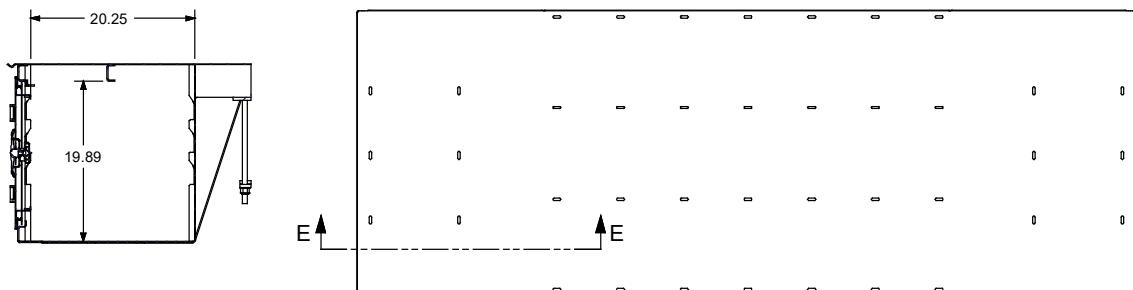
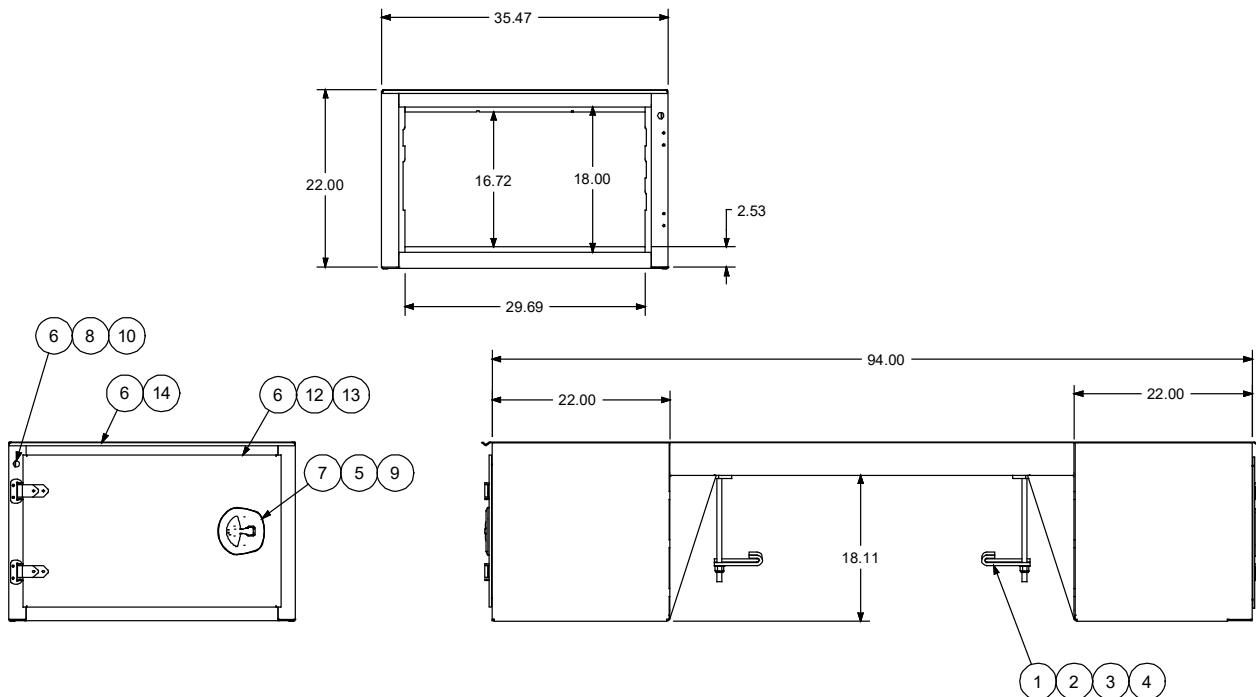
Welder Deck, 24" Long with 2 Underbody Toolboxes (51720055)



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) Effective: 7/12/2018

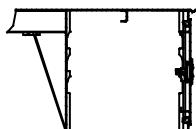
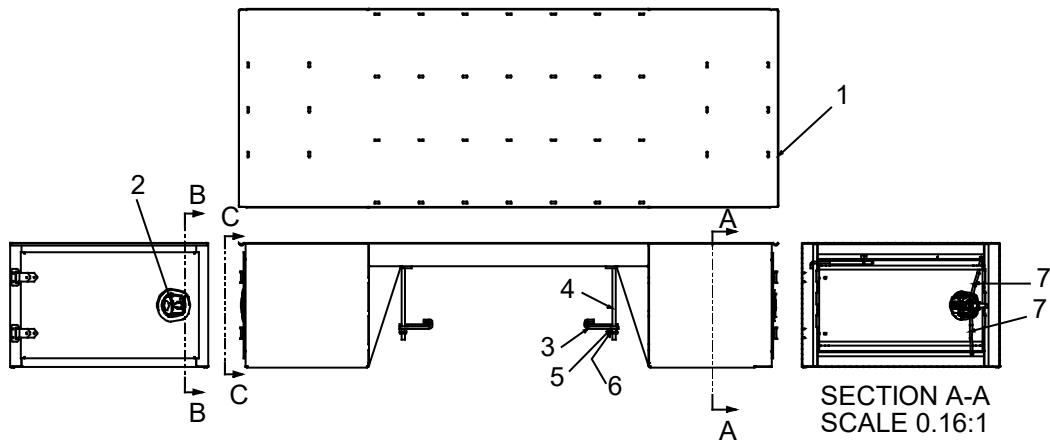


SECTION E-E
SCALE .12

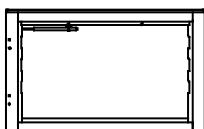
PART NO.	ITEM NO.	DESCRIPTION	QTY.
1.	60108981	TIE DOWN-BODY 4.00 FRAME	4
2.	60109048	D-THREADED .62-11 X 14.00	4
3.	72063007	WASHER .62 FLAT	8
4.	72062091	NUT .62-11 HEX NYLOCK	8
5.	60128412	ROD-DOOR 8.12 LG W/.75" OFFSET	4
6.	52727545	D(II)-WELDER DECK-WLDMT 35in L UBT-R UBT	1

PART NO.	ITEM NO.	DESCRIPTION	QTY.
7.	72661713	LATCH ASM-3PT COMPRESSION-STAMPED	2
8.	77441431	HARNESS-WELDER DECK MARKER LIGHTS	1
9.	77040615	LIGHT-CLEARANCE AMBER LED ROUND W/GROMME	2
10.	89393637	WEATHERSTRIP- .50X.50 TRIM-LOC X202-BT	17
11.	70034366	PLUG-PLSTC BUTTON BP-1 1/8	4
12.	73050188	SPRING-PNEUMATIC 40 3in STR W-OC DYN	2
13.	70143791	BALL STUD-PNEU SPRING 10MM	4
14.	89396626	EDGING-PLASTIC 5/16in BLACK 250ft ROLL	7
REV. C 20180717			

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



VIEW:
INSIDE
UBTB



VIEW C-C
SCALE 0.16:1

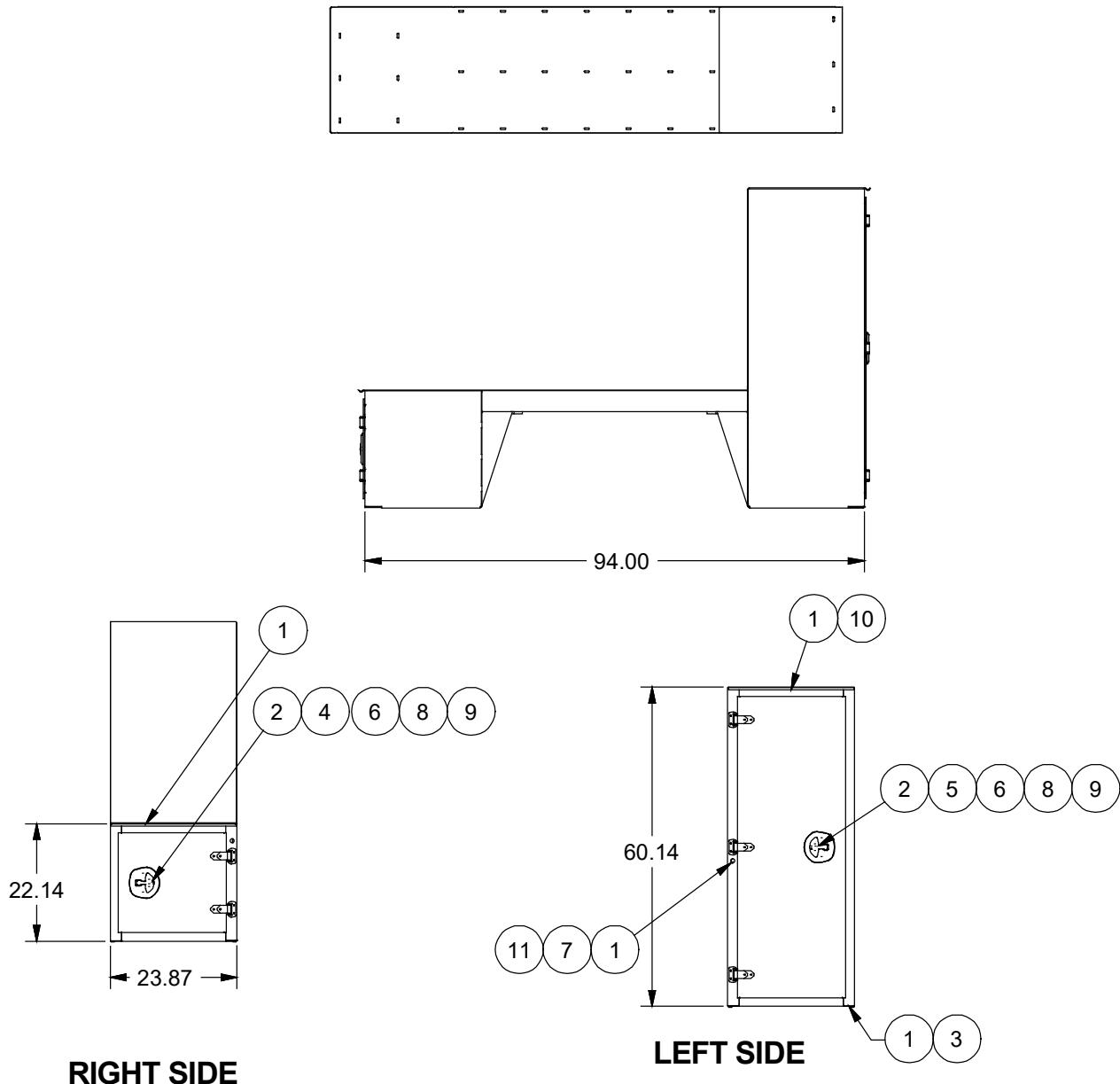
51720057 PART LIST

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

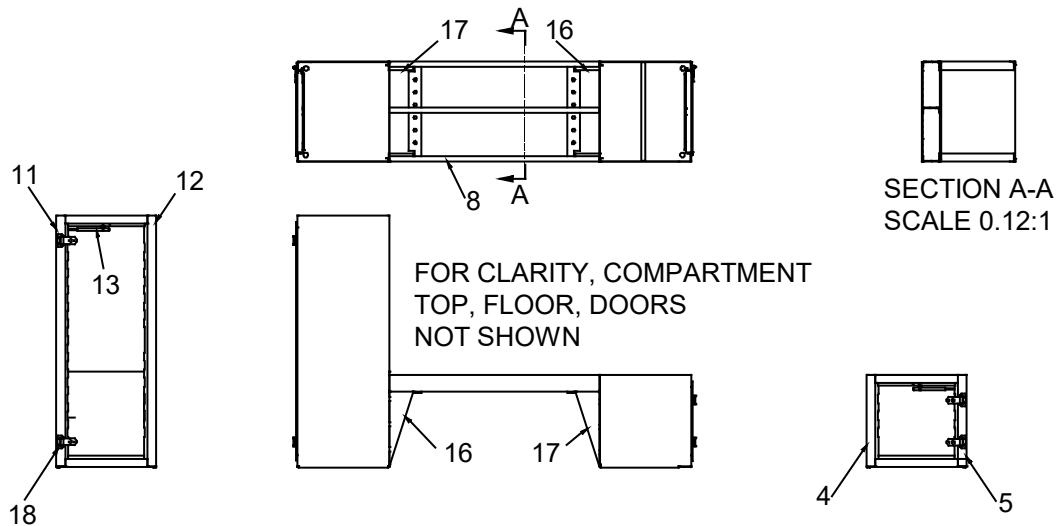
Welder Deck, 24" Long with Tall Compartment (51719952) Effective: 7/12/2018



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52727543	D(II)-WELDER DECK-W D2 24in L RSD-R UBT	2

REV. A 20180717

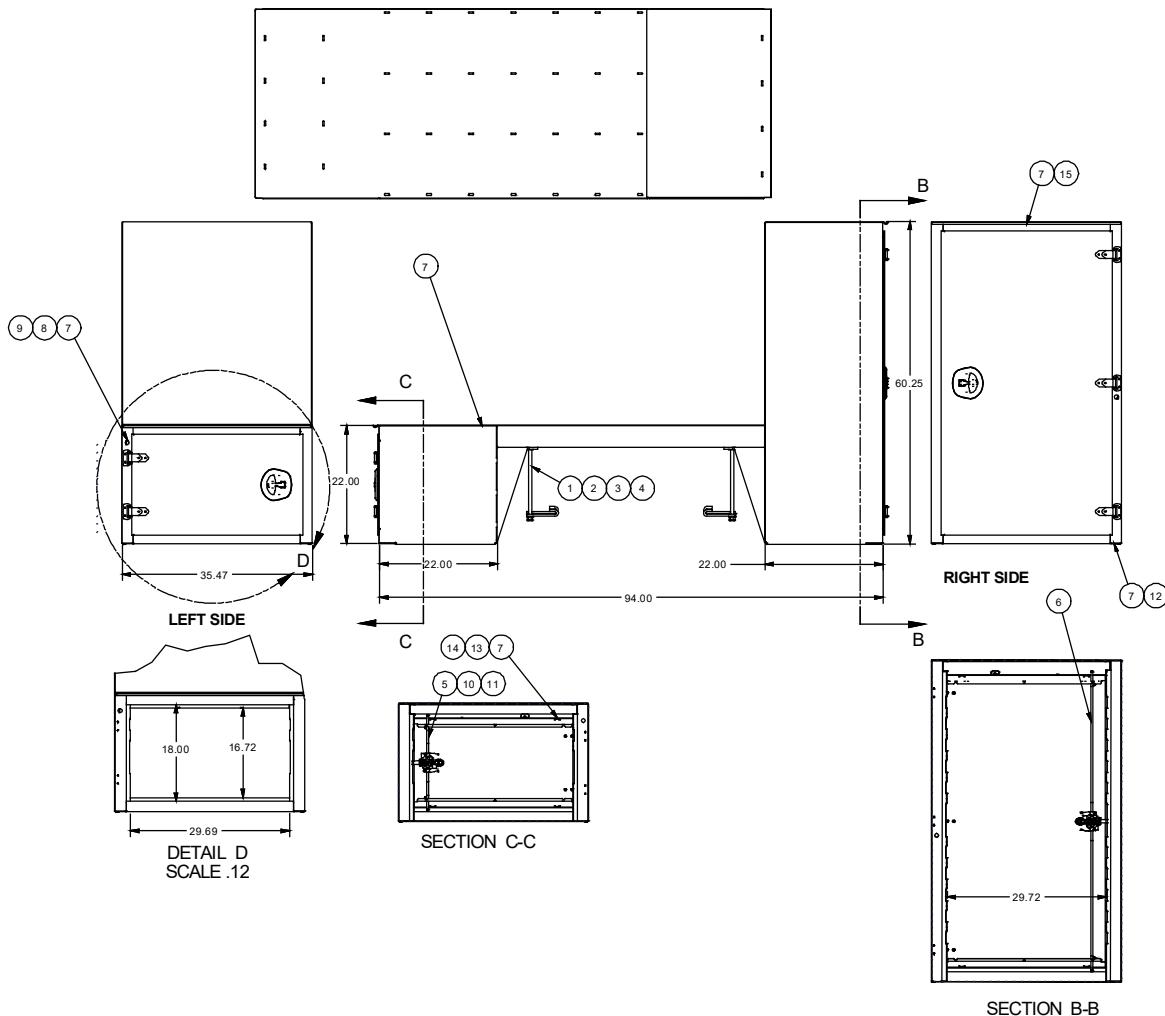
Welder Deck, 24" Long with Tall Compartment (51719952)



51719952 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
REF	52719953	D(II)-WELDER DECK-W D2 24in L RSD-R UBT	INCL 4-28
NEW 20070302			

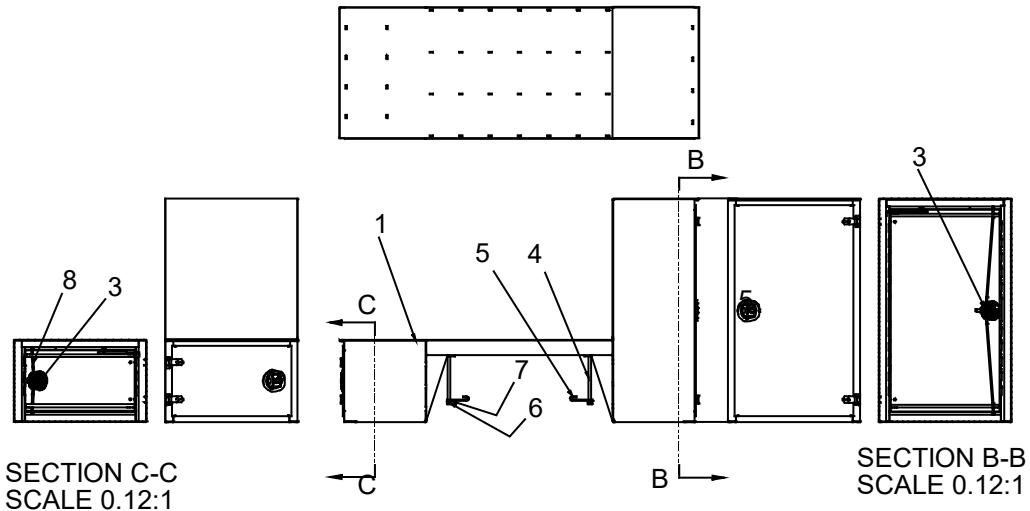
Welder Deck, 35" Long with Curbside Tall Compartment (51720061) Effective: 7/12/2018



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	60109048	ROD-THREADED .62-11 X 14.00	4
2.	60108981	TIE DOWN-BODY 4.00 FRAME	4
3.	72062091	NUT .62-11 HEX NYLOCK	8
4.	72063007	WASHER .62 FLAT	8
5.	60128412	ROD-DOOR 8.12 LG W/.75" OFFSET	2
6.	60130297	ROD-DOOR 27.12 LG W/.75" OFFSET	2

ITEM NO.	PART NO.	DESCRIPTION	QTY.
7.	52727546	D(II)-WELDER DECK-W 35in L UBT-R RSD	1
8.	77441431	HARNESS-WELDER DECK MARKER LIGHTS	1
9.	77040615	LIGHT-CLEARANCE AMBER LED ROUND W/GROMME	2
10.	72661713	LATCH ASM-3PT COMPRESSION-STAMPED	2
11.	89393637	WEATHERSTRIP- .50X.50 TRIM-LOC X202-BT	24
12.	70034366	PLUG-PLSTC BUTTON BP-1 1/8	4
13.	73050188	SPRING-PNEUMATIC 40 3in STR W-OC DYN	2
14.	70143791	BALL STUD-PNEU SPRING 10MM	4
15.	89396626	EDGING-PLASTIC 5/16in BLACK 250ft ROLL	7
REV. C 20180717			

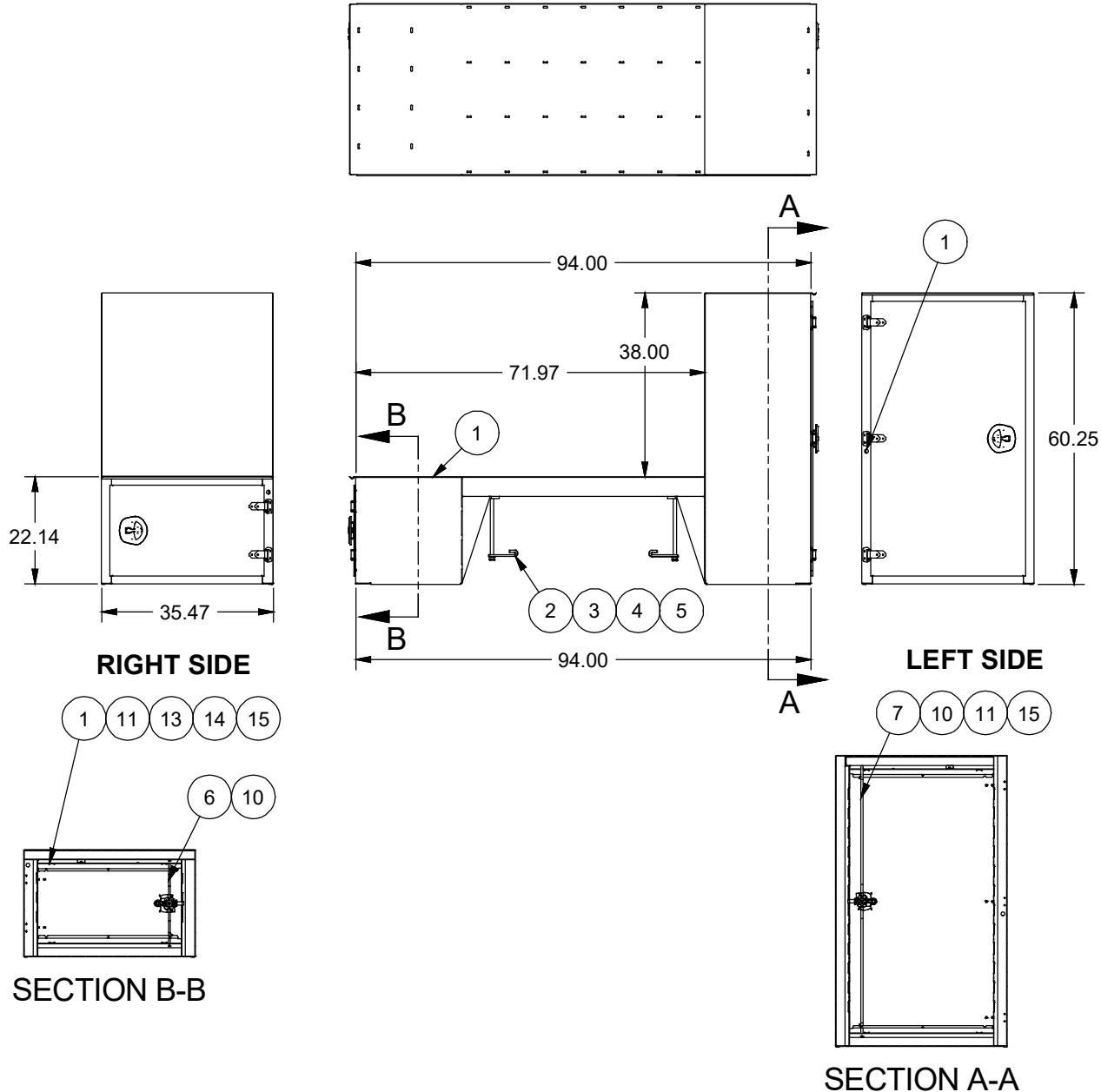
Welder Deck, 35" Long with Curbside Tall Compartment (51720061)



51720061 PARTS LIST

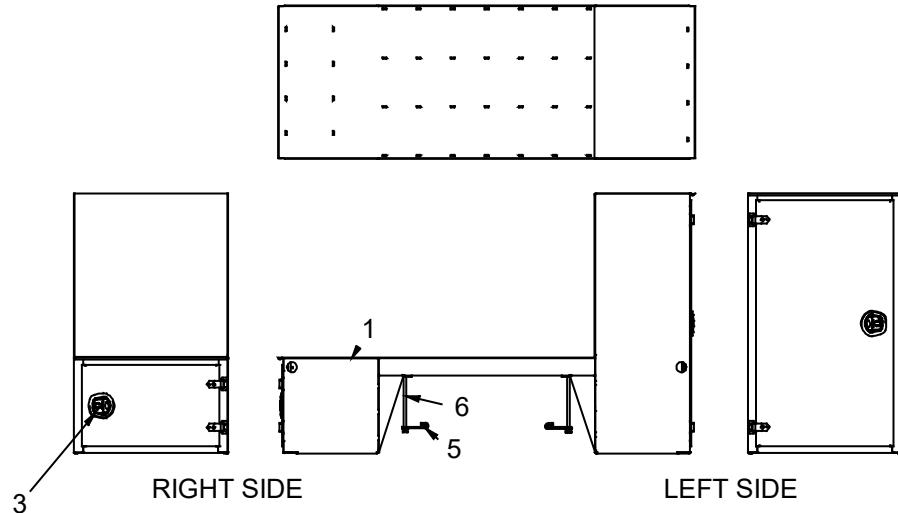
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52720062	WELDER DECK-WLDMT 35in L UBTB-R RSD	1
3.	72661599	LATCH ASM-3PT DOM (II) COMPRESSION	2
4.	60109048	ROD-THREADED .62-11 X 14.00	4
5.	60108981	TIE DOWN-BODY 4.00 FRAME	4
6.	72062091	NUT .62-11 HEX NYLOCK	8
7.	72063007	WASHER .62 FLAT	8
8.	60128412	ROD-DOOR 8.12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

Welder Deck, 35" Long with Street Side Tall Compartment (51720063) Effective: 7/12/2018



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52727547	D(II)-WELDER DECK-WLDMT 35in L RSD-R UBT	1
2.	60108981	TIE DOWN-BODY 4.00 FRAME	4
3.	60109048	ROD-THREADED .62-11 X 14.00	4
4.	72062091	NUT .62-11 HEX NYLOCK	8
5.	72063007	WASHER .62 FLAT	8
6.	60128412	ROD-DOOR 8.12 LG W/.75" OFFSET	2
7.	60130297	ROD-DOOR 27.12 LG W/.75" OFFSET	2
8.	77441431	HARNESS-WELDER DECK MARKER LIGHTS	1
9.	77040615	LIGHT-CLEARANCE AMBER LED ROUND 2 W/GROMME	2
10.	72661713	LATCH ASM-3PT COMPRESSION-STAMPED	2
11.	89393636	WEATHERSTRIP- .50X.50 TRIM-LOC X202-BT	24
12.	70034366	PLUG-PLSTC BUTTON BP-1 1/8	4
13.	73050188	SPRING-PNEUMATIC 40 3in STR W-OC DYN	2
14.	70143791	BALL STUD-PNEU SPRING 10MM	4
15.	89396626	EDGING-PLASTIC 5/16in BLACK 250ft ROLL	7
REV. D 20180717			

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 DSC Decals

In This Chapter

Dominator Logo, Crane Model, and Danger Decal Placement.....	243
Decal Placement Inside Right Rear Compartment.....	245
Manual Stabilizer Decals	246
Fuel Decals	246
DSC20 Reflector & Welding Caution Decals	247
DSC Hitch Rating Decals	248
Hydraulic Oil Decal Placement	248
Air Tank Decal Placement	250

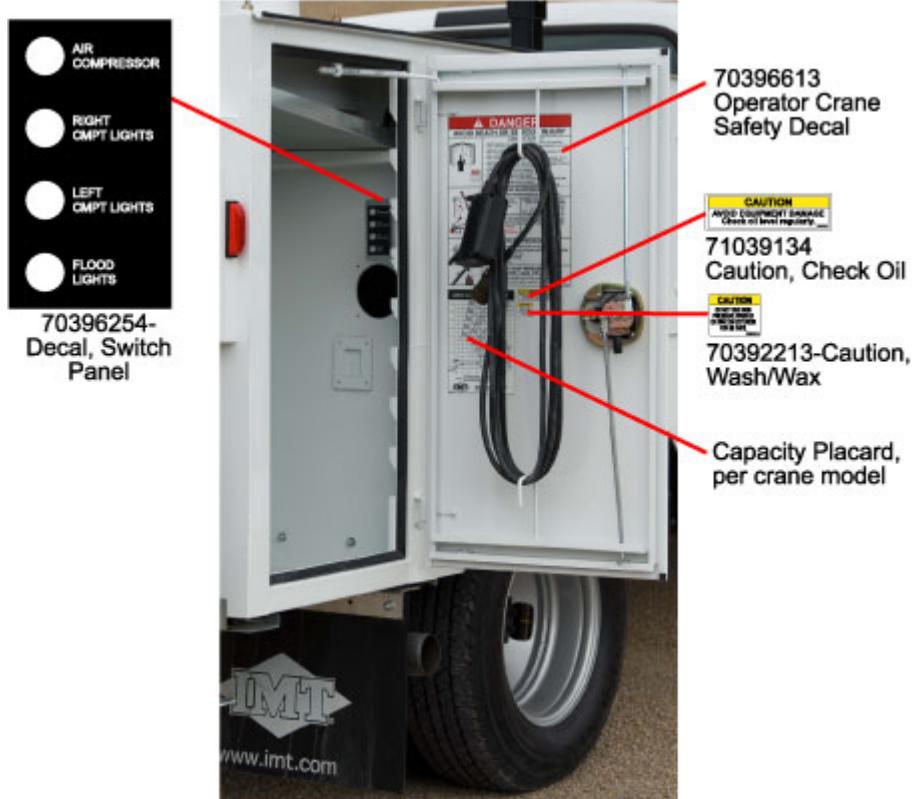
Dominator Logo, Crane Model, and Danger Decal Placement

ITEM #	PART #	DESCRIPTION
1.	Various	Crane model #
2.	Various	IMT Diamond Logo
3.	70396657	Dominator ID Decal
4.	70394445	Decal-Danger, Electrocution
5.	70392868	Decal-Danger, Crane Loadline

The crane model number, item #1; IMT diamond, item #2; and Dominator ID Decal (70396657), item #3 are placed on each side of the unit as shown. Items #4 (70394445 - Danger, Electrocution) and #5 (70392868-Warning, Crane Loadline) 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.



Decal Placement Inside Right Rear Compartment



Manual Stabilizer Decals

70392864 - Warning,
Stabilizer Crushing
Hazard (1 per stab.)

70391598 - Warning,
Manual Stabilizer
(1 per stab.)



Fuel Decals

70392309 -
Decal-Diesel
Fuel Only



Note: If vehicle uses unleaded gasoline, use decal part number 70392453.

DSC20 Reflector & Welding Caution Decals



Four red reflector decals, 70039057, are located on each side and outer edge of the tailgate as shown.

Two amber reflector decals, 70039058, are located at the front of the sidepacks on each side as shown.

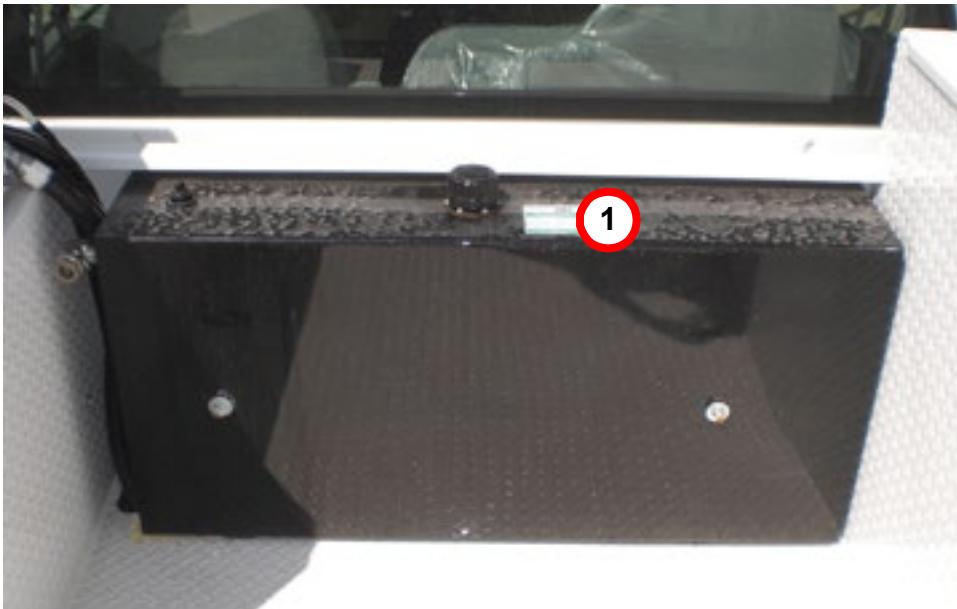
Place the 70398983 - Caution, Welding Damage decal - next to the light box on the rear of the vehicle.

DSC Hitch Rating Decals



Hitch Rating Decal
70397063

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.

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.

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

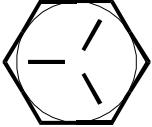
NOTES

- 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 torqueing. Failure to replace gear-bearing bolts may result in bolt failure due to metal fatigue causing death or serious injury.

Thread Torque Chart (Metric)

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

NOTES

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

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