
Manual Part # 99903956

SiteStar Parts & Specifications

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Revisions

DATE	LOCATION	DESCRIPTION
20060614	99903913	ECN 10125 - UNIVERSAL MOUNTING ON AUXILIARY DECK
	51719825	CHANGE TO ITEMS 6-8
	52719744, 51716077	REMOVED.
	51720272, 273	ADDED POLY TANK FENCE ASSEMBLIES.
		ADDED PUMP PARTS BREAKDOWNS, UPDATED PER ECN 10133, 10135.
20060712	SKIRT ASSEMBLIES, 51719964	ECN 10162 - SIMPLIFIED SKIRT WELDMENT OPTIONS ON SKIRT ASSEMBLIES; ADDED 70734052 COVER PLATE, SINGLE PUMP SECTION TO 51719964 PARTS LIST
20060802	51713783	ECN 10203 - UPDATE TO 51713783 FLR ASM
	51705363, 51719893, 99904018	ECN 10194, 10211 - CHANGES TO PUMP ASSEMBLY & INSTALL DRAWINGS
20060823	99904070, 99904073, 51719910	ECN 10234 - NEW SKIRT DRAWING, ECN 10235 - SPLASH GUARD, SALVAGE SYSTEM, ECN 10207 - REPLACED COMPARTMENT LIGHT KIT PARTS LIST 51715985 WITH 51719753; ECN 10182 - CHANGED 51719909, 51719910, 51719978
20060829	51719825	ECN 10231 - ADDED TOP DOOR LATCH MECHANISM TO ASSEMBLY
20060920	99904086; 99903917; 99903939	ECN 10250 - ADDED NOZZLE DRIP CHANNEL TO MANUAL; ECN 10213 - REVISED 99903917; REVISED VERBAGE ON 99904070, 99904073 PART LISTS; ECN 10245 - UPDATED PUMP SETTINGS ON 99903939 HYD SCHEMATIC
20061024	99904120, 99904018	ECN 10296 - ADDED SIDE STEP INSTALLATION DWG. 99904120; ECN 10288 - UPDATED 99904018, ADDED OIL PUMP MANIFOLD PARTS LIST.
20061130	51719825	ECN 10342 - ADDED 70034366 TO 51719825 DRAWING.
	51710608	ECN 10335 - REMOVED PUMP SHELF RISER FROM 51710608 ASSEMBLY.
	99904137	ECN 10329 - ADDED AIR SYSTEM INSTALLATION 99904138, MANIFOLD ASM 51720741, REV. C 51713783, REMOVED AIR TANK DRAIN ASM DRAWING.
	HYDRAULIC INSTALLATION	ECN 10337 - ADDED 99904138, 99904139, 99904140.
20070102	99904117, 51719892	ECN 10239 - CHANGE TO FENCE ASSEMBLIES 99904117 & 51719892; NEW TANKS & INSTALLATION KITS.
20070214	51710608	ECN 10335 - REMOVED REEL SHELF SUPPORT RISER
	99904018, 51709866	ECN 10307 - CHANGE TO TIE DOWN KITS, ECN 10376 - ADDED TIE DOWN KITS
	99904087	ECN 10376 - ADDED FINAL PRODUCT FILTRATION SYSTEM
	99904167	ECN 10360 - LED LIGHTING, MID-MARKER LIGHTS
	99904156, 99904160	ECN 10383 - ADDED TANK HEATER KIT OPTION
	99904164	ECN 10355- ADDED UNDERBODY TOOLBOX OPTION WITH FUEL TANKS
20070320	99904070	ECN 10402 - ADDED 51720857 & 51720859 SKIRT KITS
	51812789, 51720880	ECN 10392 - ADDED BATTERY BOXES
	OIL PUMP MANIFOLD ASM	ADDED TORQUE VALUES.

20070424	SPECS	CHASSIS SPECS - UPDATED CAB TO AXLE DIMENSIONS, ADDED NOTE.
	FUEL TANK ASSEMBLIES	ECN 10430 - ADDED 52721018 480-GAL TANK, AND 51721017 480-GALLON ASSEMBLY.
	51711760	CORRECTED PARTS LIST.
20070430	FUEL SYSTEMS	ECN 10461 - 51721082, 99904250, 51711843 - NEW FUEL PUMP ASSEMBLIES, DRAWINGS.
	HYD SYSTEMS	ECN 10445 - UPDATED 51720556, 51720557, 99904137, 99904138
	A/F SALVAGE SYSTEM	ECN 10448 - UPDATED 51720691, 51720270
20070523		FUEL TANK SYSTEMS - PART NUMBER CHANGES. ADDED STORAGE COMPARTMENT DIMENSIONS TO SPECIFICATIONS.
	99904252	ADDED OVAL FUEL TANK INSTALLATION INSTRUCTIONS.
	51721091, 99904251, 99903900, 99904167	ECN 10466 - 51721091 ELEC. BOX REPLACED 51717257; 99904251 ADDED; UPDATED 99903900, 99904167.
	99904253, 99904254	ECN 10480 - ADDED QUICKFILL INSTALLATION KITS. UPDATED 99904048 SALVAGE PUMP ASM.
20070601	99904251	ECN 10466 - FUSE #7 CHANGED FROM 70 TO 60 AMP. INCREASED HYD SCHEMATIC 99903939 SIZE, AND WIRING SCHEMATIC 99904156-1 SIZE.
20070709	99904015	ECN 10524 - REMOVE HYDRAULICS FROM 99904015, ADD GENERATOR INSTALLATION DRAWINGS 99904269, 99904270.
	51719825, 51720780, 99903917, 99904164	ECN 10516, ECN 10388-2 - WEATHERSTRIP CHANGES.
	51719892	ECN 10519 - SHORTENED TANK LOCKDOWN BAR.
20070716	99904271, 51720556	ECN 10526 - 99904271 PUMP KIT INSTALLATION REPLACED 51719964 DRAWING.
	51720556	ECN 10527 - OPTIONAL FILTER DRAIN BOX.
20070720	99904276	ECN 10535 - ADDED HIGH PRESSURE WASH SYSTEM KITS.
20070810	51720556, 51720691	ECN 10540 - UPDATES TO TANK ALARMS IN SALVAGE KITS.
	99904138	ECN 10551 - HYD SYSTEM PLUMBING CHANGES.
	99904283	ECN 10556 - ADDED ENCLOSED SITESTAR ROOF SUPPORTS.
20071002	51719825, 51720780, 51721203	ECN 10570, 10575 - HYD PUMP IMPROVEMENTS, RELEASE OF ENCLOSED MAIN SITESTAR ASSEMBLY
20071114	99904303	ECN 10597 - NEW KITS FOR ROLL-UP DOOR INSTALLATION
	99904293	ECN 10605 - INSULATION KIT
20080123	99904337, SPECS	ECN 10641 - ADDED NEW TANK HEATER SYSTEM WITH SOLID STATE CONTROLS. ADDED OVAL TANKS TO SPECIFICATIONS.
20080228	99904337, 99904051	ECN 10677 - ADDED TANK HEATER GUARD ECN 10656 - NEW RELIEF VALVE
20080430	51721563	ECN 10704 - NEW SALVAGE PUMP ASSEMBLY
20080606	99903917, 99904164, 51721588	ECN 10760 - ASSEMBLY UPDATES
	51721588, 51721590	ECN 10719 - ADDED NEW DIAPHRAGM PUMPS TO SITESTAR.
20080813	99904254	ECN 10805 - UPDATED BRACKET, HARDWARE ON QUICKFILL FUEL INSTALLATION
	99904138	ECN 10786 - CHANGED LOAD SENSE HOSE ON HYD. INSTALLATION
	SPECS	UPDATED BODY-MOUNTED FUEL TANK AVAILABLE SIZES.
20080904	99904495	ECN 10839 - ADDED HYD COOLER KIT.

20081021	99904487 51709712, 51709986	ECN 10831 - ADDED REMOTE PRODUCT METER KIT ADDED DIESEL FUEL TANK EMERGENCY SHUT-OFF KITS
20090107	51720555	ECN 10902 - ADDED 3/4" HOSE REEL. REVISED MANUAL STRUCTURE FOR IMPROVED ACCESSIBILITY.
20090305	99904167	ECN 10466 - NEW MOUNTING FOR BACK-UP ALARM.
20090430	99904015, 99904269, 99904270, 99904495	ECN 11016 - UPDATES TO GENERATOR INSTALLATION.
20090915	99903913	ECN 10125-1 - CORRECTED PLATE PART NUMBER ON 99903913.
20091103	51721590, 51721588	ECN 11114 - UPDATED AIR REGULATOR
20100111	95720870	CORRECTED DECAL PART NUMBER.
20100419	FUEL TANK ASM	ECN 11209- 72053395 REPLACED BY 72053503
20100927	99904271	MOVED TO HYDRAULIC & PUMPS SECTION
20101203	99904487	ECN 11320 - UPDATED METER WASHER FOR BETTER SPACING
20101217	51720556, 51720691, 99904548	ECN 10919 - NEW SALVAGE OVERFLOW ALARM SYSTEM.
	51709712, 51709986	ECN 11341 - FUEL SHUTOFF VALVE CHANGE
20110920	51719825, 51721203, 51720780	ADDED SHELVING KITS
20111028	51720780, 51721203, 51721091, 99904138	ECNs 11584, 11599 - ASSEMBLY UPDATES
20120222	99904887, 51713131, 51724256	ECN 11676 - ADDED UNDERBODY TOOLBOX DRAIN ASSEMBLIES, UPDATED REMOTE METER INSTALLATION
20120502	51721590, 51721563	ECN 11596 - ADDED VALVE DECAL TO PUMP ASSEMBLIES.
	70733506	NEW REPLACEMENT PART FOR ROLL-UP DOOR ASSEMBLY.
20120802	99905436, 99904276, 51711760	ECN 11726 - ADDED 3/4" FINAL FILTER DRAWING TO MANUAL, ECN 11784 - ADDED PLUMBING FOR CASE DRAIN TO HP WASH SYSTEM
20120914	99904293	ECN 11786 - ADDED NEW TRIM ON DOOR TRIM. ADDED PARTS TO 70143310 NOZZLE.
20130408	99903956	UPDATED MIN GVW MAIN PLATFORM PLUS AUX LUBE PLATFORM REAR WEIGHT.
20130612	70734333 51721563	Per engineering markp-up; items 16 and 17 part numbers added. Muffler part number added.
20131119	51721203 51720780	Updated qty item 17 Updated qty item 27
20140304	51721176	Updated, was 51711760
20140529	99905653 51721091	ECN 12209 – new drawing – added note to BOM
20140605	99904254 95720870	ECN 12220 – 73540126 was 72053309 – Added 70399191
20140825	51719825 51720780 51721203	ECN 12255 – 71415474 was 71412598
20151117		REPLACE GXL WIRES WITH GXL WIRES
20160218	51719825	Corrected drawing and BOM (#43)
20160607	51709986	CN198-BOM CHANGE: 72066141 WAS 72066169
20160623	70731383	Added P/N 71416531 (Shaft) in BOM

20160831	51719825	CN343 UPDATED DOOR CATCH KIT 51726934
20180817	51720741	CN709
20190219	99904251	CN943-changed qty from 2 to 3 (51719332)
20190821	77441701	CN994
20200528	51721563	CN816-
20200702	99904254 51708625	CN11052
20210511	51721588	CN 1209

CHAPTER 1

Specifications



SPECIFICATIONS	
Rear Platform	
Platform Weight	5325 lb (2415 kg)
Platform Height	88 in (70.81" above chassis frame) (2235 mm [1799 mm above chassis frame])
Platform Width	96 in (2438 mm)
Platform Length	158 in (4013 mm)
Storage Capacity	108 ft ³ (3.06 m ³)
Storage Compartment Dimensions	
Street Side - (3) Compartments	58.38" H x 38.00" W x 20.88" D (1483 mm H x 965 mm W x 530 mm D)
Curb Side - (1) Compartment	31.75" H x 59.75" W x 21.50" D (806 mm H x 1518 mm W x 546 mm D)
Door Opening Dimensions	
Street Side - (3) Compartments	50.75" H x 31.50 " W (1290 mm H x 800 mm D)
Curb Side - (1) Compartment	24.00" H x 52.75" W (610 mm H x 1340 mm D)
Front Platform (Optional)	
Platform Weight	1100 lb (500 kg)
Platform Height	70.81 in (1799 mm) (above chassis frame)
Platform Width	96 in (2438 mm)
Platform Length	35 in (889 mm)

CHASSIS SPECIFICATIONS		
<i>Minimum Cab-to-Axle Dimensions (Cab-to-Trunnion for tandem axle)</i>		
Open SiteStar	Single Axle (CA)	Tandem Axle (CT)
Platform only	75 in (1905 mm)	N/A
Platform + 1 Aux/480/650-gallon deck	115 in (2921 mm)	88 in (2235 mm)

Platform + 1 800-gallon deck	127 in (3226 mm)	100 in (2540 mm)
Platform + 2 Aux/480/650-gallon decks	155 in (3937 mm)	128 in (3251 mm)
Platform + 1 Aux/480/650-gallon decks + 1 800-gallon deck	167 in (4242 mm)	140 in (3556 mm)
Platform + 2 800-gallon deck	179 in (4547 mm)	152 in (3861 mm)
Enclosed SiteStar	Single Axle (CA)	Tandem Axle (CT)
Platform only	119 in (3023 mm)	92 in (2337 mm)
Platform + 1 Aux/480/650-gallon deck	159 in (4039 mm)	132 in (3353 mm)
Platform + 1 800-gallon deck	171 in	144 in
SiteStar w/Oval Tank	Single Axle (CA)	Tandem Axle (CT)
Platform + 1000 gal oval tank	132 in (4343 mm)	105 in (2667 mm)
Platform + 1200 gal oval tank (900/300)		115 in (2921 mm)
Platform + 1250 gal oval tank		117 in (2972 mm)
Platform + 1425 gal oval tank (3 x 475)		126 in (3200 mm)
Platform + 1500 gal oval tank		129 in (3277 mm)
Platform + 1800 gal oval tank (1500/300)		144 in (3658 mm)
Platform + 2000 gal oval tank (1500/500)		153 in (3886 mm)
<i>Minimum Cab-to-Axle dimensions assume a 5" (127 mm) gap between components (main body, platforms, and cab of chassis).</i>		
Frame width	Maximum outside dimension 34.75" (883 mm)	
Final Afterframe Dimension	42.38" (1076 mm) from center of rearmost axle (not trunnion on tandems)	

MINIMUM GVW		
	Main Platform Only	Main Platform plus Auxiliary Lube Platform
Front	12,000 lb (5443 kg)	14,000 lb (6350 kg)
Rear	21,000 lb (9525 kg)	21,000 lb (9525 kg)

All other configurations to be determined individually.

Product Tanks

Oil, Salvage, Anti-Freeze & Water Tanks	
Material	Product tanks are constructed of polyethylene material that provides for cleaner product storage and lighter weight tanks (up to 80% lighter per tank).
Available Sizes	75, 135, 190, 250 and 350 gallons (284, 511, 719, 946, 1325 l)
Body-Mounted Fuel Tanks	
Material & Mounting	Rectangular, steel construction with spring mount system on the deck of the front section. Body mounted.
Available Sizes	480, 615, 800, and 950 gallons (1819, 2328, 3028, 3596 l)
Fuel Tank Fill System	The tanks can be filled from a top fill location, or from a remote, quick-coupler fill system.
Frame-Mounted Fuel Tanks	
Material & Mounting	Semi-elliptical or oval steel. Mounted to the chassis frame.

Available Sizes	1,000 to 2,000 gallons (3785 to 7571 l)
Fuel Tank Fill System	The tanks can be filled from a top fill location, or from a remote, quick-coupler fill system.

Pumping Systems

Oil and Fuel	Hydraulic driven manifold pumping system
Anti-Freeze & Salvage	Air diaphragm pump
Grease	Air piston pump
Filter Drain Box	Located in the rear hose reel compartment

Available Tank Configurations

Main Platform	22 configurations
Front Platform	12 configurations
Total	264 possible tank configurations

Filter Drain Box

Located in the rear hose reel compartment

Body

The floor structure is constructed of structural tubing and structural channel for the longsills and crossmembers with 1/8" deckplate. The above deck compartments, rear hose reel enclosure and body sides are constructed of 12-gauge galvannealed steel. The rear bumper/fluid containment tank is constructed of structural tubing. The rear reel enclosure has an aluminum roll-up door for access.

Body Mounting System

The body is mounted to the chassis using an anti-shift spring mount system to allow the body to flex independent of the chassis and prevent fore and aft movement of the body.

Electrical System

The electrical system consists of a central power distribution point with all systems fuse-protected and operated with lighted switches. The power distribution point is located in the rear hose reel enclosure. The circuits use automotive-style harnesses that use white wire with the circuit function printed every 3". The harness is protected by an overbraid that is heat and cut resistant. All lighting is DOT compliant.

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 bearings.

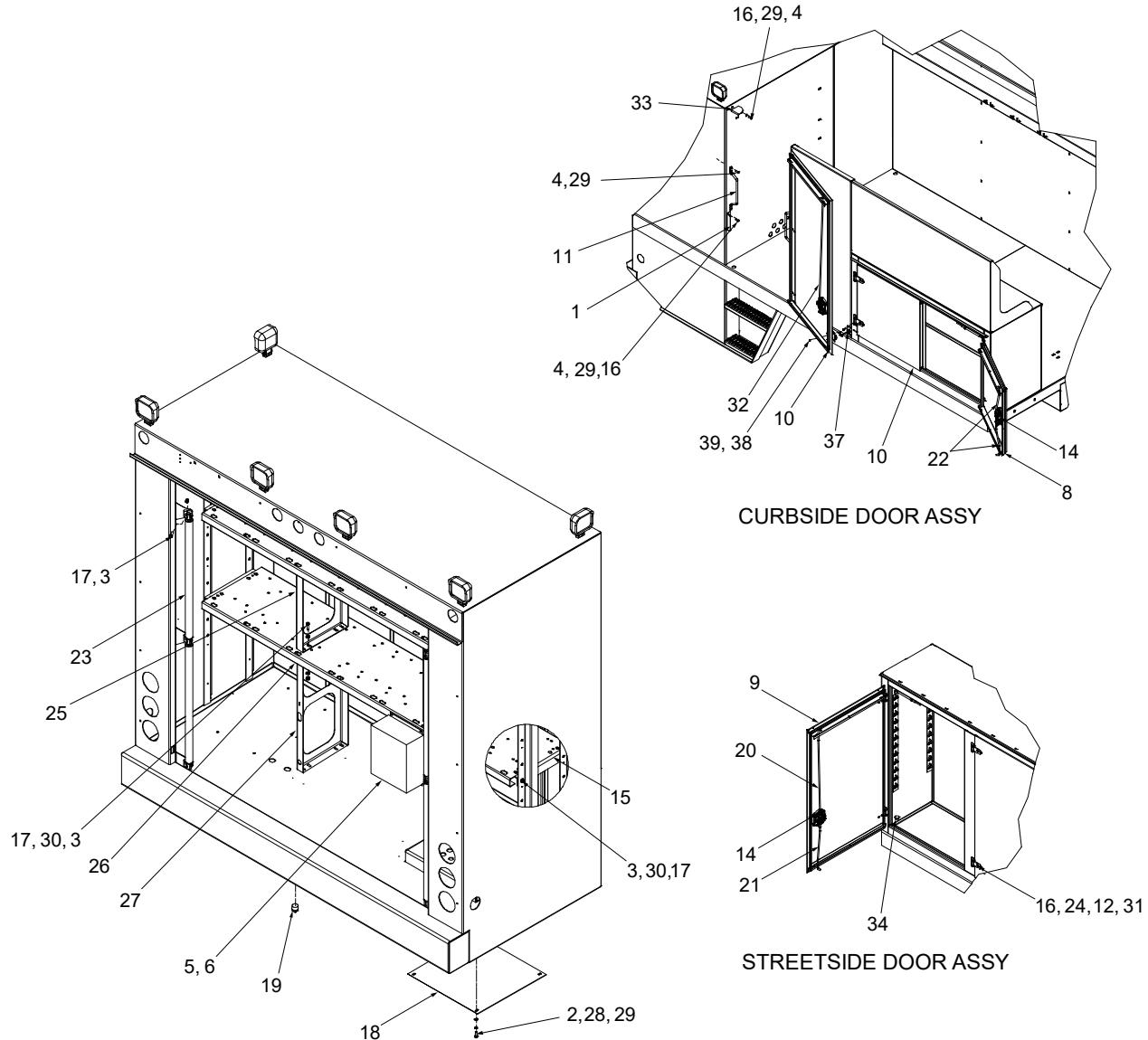
CHAPTER 2

Body/Platform Assembly

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Body Assembly (51719825)



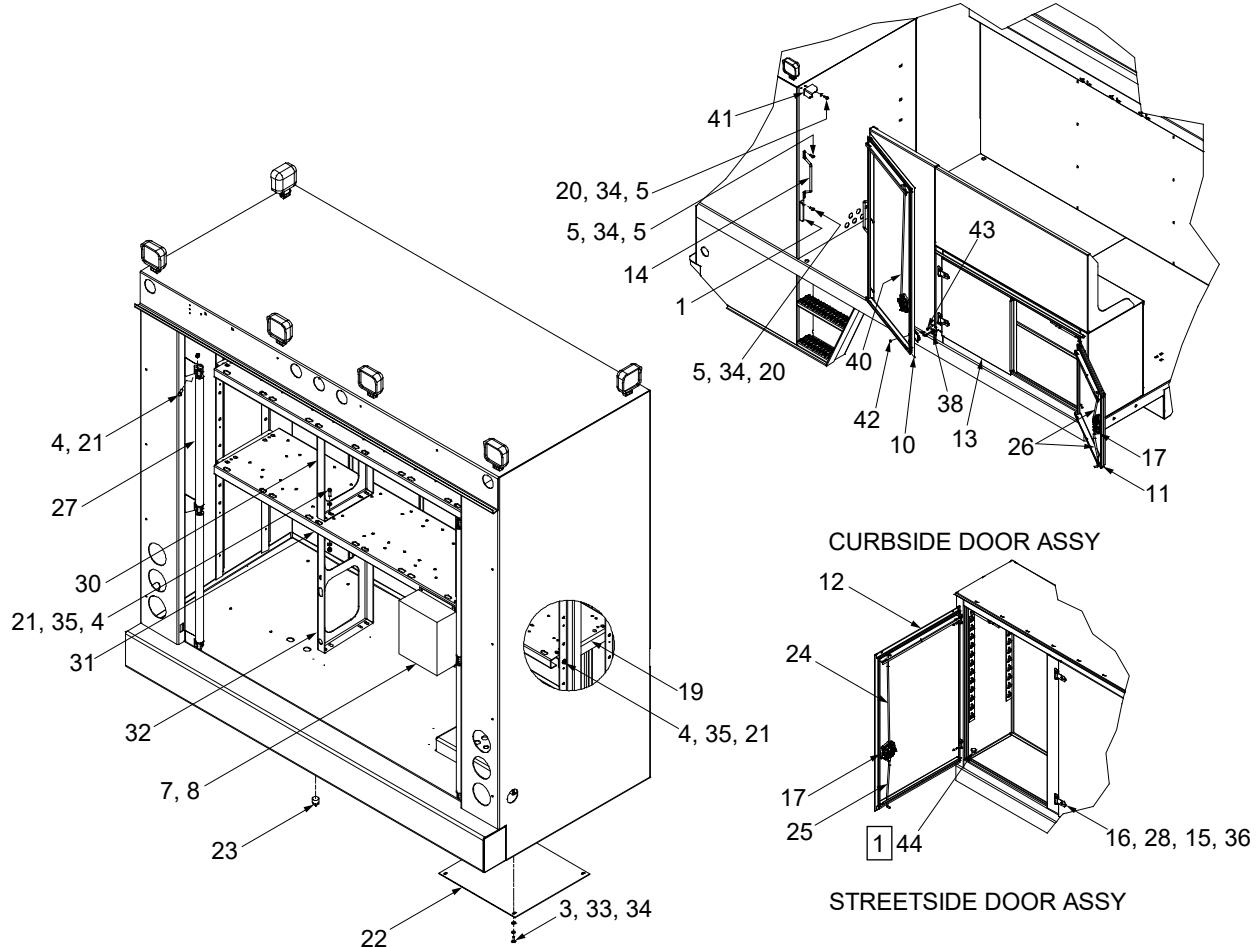
51719825 Parts List Effective 6-29-16

ITEM	PART NO.	DESCRIPTION	QTY	KIT NO.
1	60250777	ANGLE-ALUM DOOR CATCH 1.54X1.54X6.00	1	
2	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	4	
3	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	34	
4	72601590	SCR-MACH .31-18X 1.00 BTNHD HEX SS	8	
5	51721091	CONTROL BOX ASM-SITESTAR LUBE '06	1	
6	60140593	PIPE- .38 SCH40 X 1.50	1	
7	52719678	DOOR-SIDE OPEN LUBE	1	
8	52719670	DOOR-WLDMT HEM 26.44H X 27.16W	1	
9	52719652	DOOR-WLDMT HEM 53.06H X 33.50W	3	

51719825 Parts List Effective 6-29-16				
ITEM	PART NO.	DESCRIPTION	QTY	KIT NO.
10	52719671	DOOR-WLDMT DBL 26.44H X 27.16W	1	
11	72661269	HANDLE-GRAB CHROME 16L 3H 819	2	
12	72062194	NUT-SS .25-20 NYLOC	24	
13	72661383	HINGE-SS 10GA BUTT W/IMT LOGO OFFSET	12	
14	72661599	LATCH ASM-3PT COMPRESSION (BLACK)	5	
15	60116069	MTG ANGLE-REEL SHELF	4	
16	72062109	NUT .31-18 HEX NYLOCK	8	
17	72062103	NUT .38-16 HEX NYLOCK	34	
18	60128110	PLATE-PUMP COVER	1	
19	72053248	PLUG-PIPE SQ HD BLK 1.00	1	
20	60129192	ROD-DOOR 32.94 LG W-.75in OFFSET	3	
21	60129191	ROD-DOOR 17.12 LG W-.75in OFFSET	3	
22	60129190	ROD-DOOR 11.75 LG W-.75in OFFSET	2	
23	70733952	ROLLER ASM - REAR LUBE DOOR OPENING	1	
24	72601652	SCR-MACH .25-20X .75TRHTORXSS	48	
25	52719640	SUPPORT-REEL SHELF 21.86in HIGH STRAIGHT	2	
26	60126462	SHELF-REELS FOR 94in WIDE COMPT	2	
27	52718729	SUPPORT-PUMP SHELF	2	
28	72063050	WASHER .31 LOCK	4	
29	72063002	WASHER .31 FLAT	12	
30	72063003	WASHER .38 FLAT	56	
31	72062264	WELD NUT .25-20 TP2120 FOR HINGE	12	
32	60130758	ROD-DOOR 41.00 LG	1	
33	60130759	STRIKER PLATE-SITESTAR ACCESS DOOR LH	1	
34	70034366	PLUG-PLSTC BUTTON BP-1-1/8	8	
35	89393637	WEATHERSTRIP- .50X.50 TRIM-LOC X202-BT	A/R	
36	51726934	KIT-HRDW DOOR CATCH INSTALL	1	REF
37	71415474	DOOR CATCH-ASM STAINLESS STEEL 4" 2 PC	1	#36
38	72601823	SCR-MACH #10-24X .75 RDH PH SS	8	#36
39	72062123	NUT-SS #10-24 NYLOC	8	#36

REV. M 20160831

Body Assembly (51719825)



NOTE:

- ALL COMPARTMENTS

51719825 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60250777	ANGLE-ALUM DOOR CATCH 1.54X1.54X6.00	1
3.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	4
4.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	34
5.	72601590	CAP SCR-SS .31-18X1.00 TRH PHH	8
7.	51721091	CONTROL BOX ASM-SITESTAR LUBE '06	1
8.	60140593	PIPE- .38 SCH40 X 1.50	1
10.	52719678	DOOR-SIDE OPEN LUBE	1
11.	52719670	DOOR-WLDMT HEM 26.44H X 27.16W	1
12.	52719652	DOOR-WLDMT HEM 53.06H X 33.50W	3
13.	52719671	DOOR-WLDMT DBL 26.44H X 27.16W	1
14.	72661269	HANDLE-GRAB CHROME 16L 3H 819	2
15.	72062194	NUT-SS .25-20 NYLOC	24

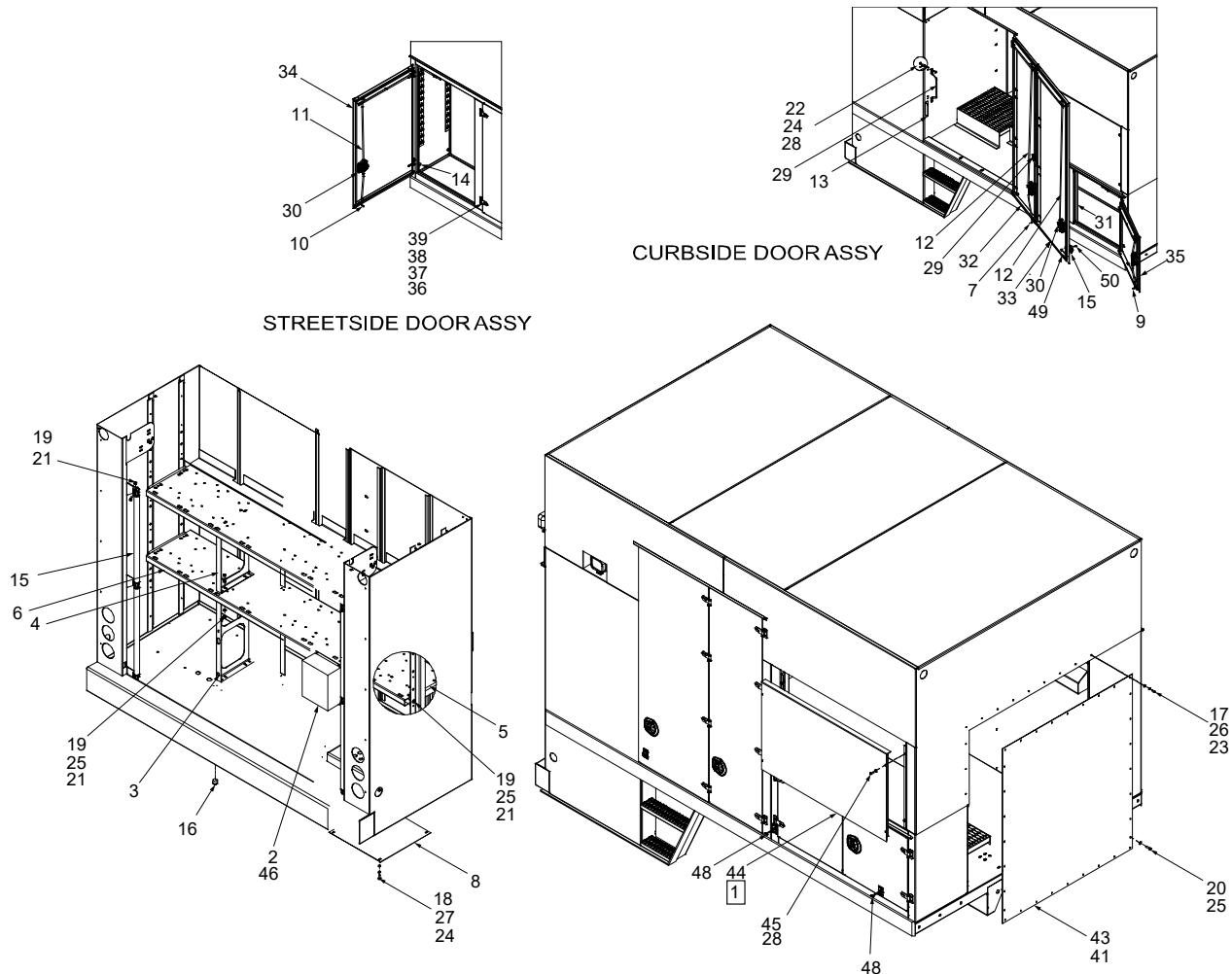
51719825 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
16.	72661383	HINGE-SS 10GA BUTT W IMT LOGO OFFSET	12
17.	72661599	LATCH ASM-3PT COMPRESSION (BLACK)	5
19.	60116069	MTG ANGLE-REEL SHELF	4
20.	72062109	NUT .31-18 HEX NYLOCK	8
21.	72062103	NUT .38-16 HEX NYLOCK	34
22.	60128110	PLATE-PUMP COVER	1
23.	72053248	PLUG-PIPE SQ HD BLK 1.00	1
24.	60129192	ROD-DOOR 32.94 LG W-.75in OFFSET	3
25.	60129191	ROD-DOOR 17.12 LG W-.75in OFFSET	3
26.	60129190	ROD-DOOR 11.75 LG W-.75in OFFSET	2
27.	70733952	ROLLER ASM - REAR LUBE DOOR OPENING	1
28.	72601652	SCR-MACH .25-20X .75TRHTORXSS	48
30.	52719640	SUPPORT-REEL SHELF 21.86in HIGH STRAIGHT	2
31.	60126462	SHELF-REELS FOR 94in WIDE COMPT	2
32.	52718729	SUPPORT-PUMP SHELF	2
33.	72063050	WASHER .31 LOCK	4
34.	72063002	WASHER .31 FLAT	12
35.	72063003	WASHER .38 FLAT	56
36.	72062264	WELD NUT .25-20 TP2120 FOR HINGE	12
38.	71415474	DOOR CATCH-ASM STAINLESS STEEL 4" 2 PC	1
40.	60130758	ROD-DOOR 41.00 LG	1
41.	60130759	STRIKER PLATE-SITESSTAR ACCESS DOOR LH	1
42.	72062106	NUT 10-24 HEX NYLOCK	8
43.	72060636	SCR-MACH 10-24X .75 RDH PH ZINC	8
44.	70034366	PLUG-PLSTC BUTTON BP-1-1 8	8
45.	89393637	WEATHERSTRIP- .50X.50 TRIM-LOC X202-BT	A/R
REV L 20150616			

Shelving Kits

SHELF KIT PART NUMBERS		
PART #	DESCRIPTION	QTY
51710705	ADJUSTABLE SHELF ASSEMBLY, LEFT HAND 17.00" X 35.50"-39.50"	AS REQ.
51719705	ADJUSTABLE SHELF ASSEMBLY, RIGHT HAND 17.00" X 58.00-61.00"	AS REQ.

Body Assembly, Enclosed Main (51721203)

Effective: 6-21-2016



NOTES:

- #### 1. APPLY 89391284 WEATHERSTRIPPING.

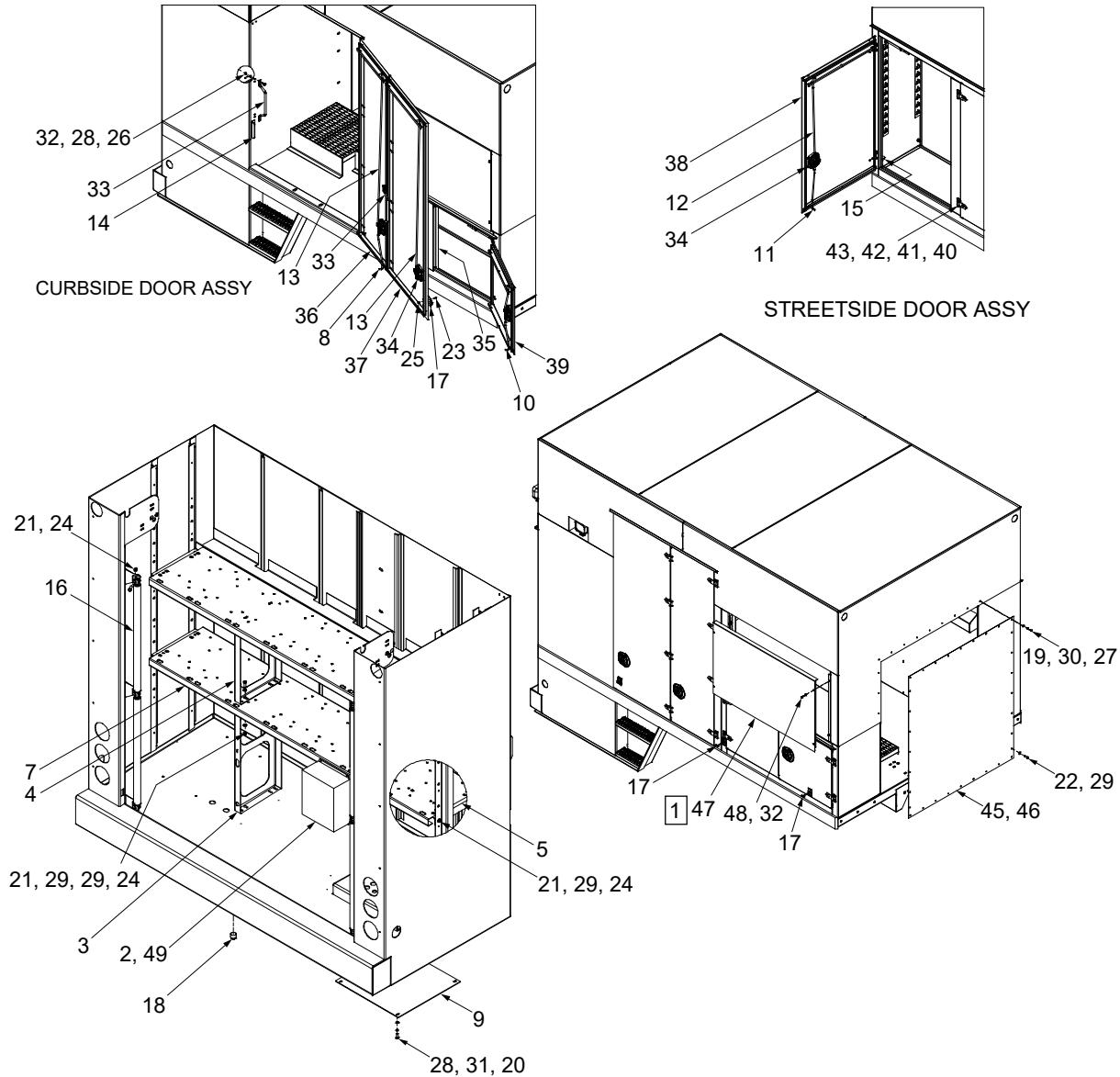
51721203 PARTS LIST Effective: 6-21-2016				
ITEM	PART NO.	DESCRIPTION	KIT NO.	QTY
2	51721091	CONTROL BOX ASM-SITESTAR LUBE '06		1
3	52718729	SUPPORT-PUMP SHELF		2
4	52719640	SUPPORT-REEL SHELF 21.86in HIGH STRAIGHT		2
5	60116069	MTG ANGLE-REEL SHELF		4
6	60126462	SHELF-REELS FOR 94in WIDE COMPT		2
7	60127636	ROD-DOOR 14.38 LG W/.75" OFFSET		1
8	60128110	PLATE-PUMP COVER		1
9	60129190	ROD-DOOR 11.75 LG W-.75in OFFSET		2
10	60129191	ROD-DOOR 17.12 LG W-.75in OFFSET		3

51721203 PARTS LIST Effective: 6-21-2016				
ITEM	PART NO.	DESCRIPTION	KIT NO.	QTY
11	60129192	ROD-DOOR 32.94 LG W-.75in OFFSET		3
12	60131024	ROD-DOOR 61.00 LG		2
13	60250777	ANGLE-ALUM DOOR CATCH 1.54X1.54X6.00		1
14	70034366	PLUG-PLSTC BUTTON BP-1-1/8		8
15	70733952	ROLLER ASM - REAR LUBE DOOR OPENING		1
16	72053248	PLUG-PIPE SQ HD BLK 1.00		1
17	72060004	CAP SCR .25-20X 1.00 HH GR5 Z		A/R
18	72060025	CAP SCR .31-18X 1.00 HH GR5 Z		A/R
19	72060047	CAP SCR .38-16X 1.25 HH GR5 Z		A/R
20	72060048	CAP SCR .38-16X 1.50 HH GR5 Z		A/R
21	72062103	NUT .38-16 HEX NYLOCK		A/R
22	72062109	NUT .31-18 HEX NYLOCK		A/R
23	72063001	WASHER .25 FLAT		A/R
24	72063002	WASHER .31 FLAT		A/R
25	72063003	WASHER .38 FLAT		A/R
26	72063049	WASHER .25 LOCK		A/R
27	72063050	WASHER .31 LOCK		A/R
28	72601590	SCR-MACH .31-18X 1.00 BTNHD HEX SS		A/R
29	72661269	HANDLE-GRAB CHROME 16L 3H 819		2
30	72661599	LATCH ASM-3PT COMPRESSION (BLACK)		6
31	52719671	DOOR-WLDMT DBL 26.44H X 27.16W		1
32	52720769	DOOR-SIDE SITESTAR ENCLOSED 2006		1
33	52720768	DOOR-SIDE SITESTAR ENCLOSED 2006		1
34	52719652	DOOR-WLDMT HEM 53.06H X 33.50W		3
35	52719670	DOOR-WLDMT HEM 26.44H X 27.16W		1
36	72661383	HINGE-SS 10GA BUTT W/IMT LOGO OFFSET		18
37	72062264	WELD NUT .25-20 TP2120 FOR HINGE		18
38	72062194	NUT-SS .25-20 NYLOC		36
39	72601652	SCR-MACH .25-20X .75TRHTORXSS		72
40	89393637	WEATHERSTRIP- .50X.50 TRIM-LOC X202-BT		A/R
41	60132004	COVER-SITESTAR ENCLOSED HYD BELOW		1
42	60132005	COVER-SITESTAR ENCLOSED HYD ABOVE		1
43	89391284	WEATHERSTRIP .19X .75		A/R
44	52724371	PANEL-BOLT IN 92inH LUBE ENCLOS		1
45	76392598	WASHER-BONDED .31 PLTD		4
46	60140593	PIPE- .38 SCH40 X 1.50		1
47	51726934	KIT-HRDW DOOR CATCH INSTALL		A/R
48	71415474	DOOR CATCH-ASM STAINLESS STEEL 4" 2 PC	# 47	1
49	72062123	NUT-SS #10-24 NYLOC	# 47	8
50	72601823	SCR-MACH #10-24X .75 RDH PH SS	# 47	8

51721203 PARTS LIST Effective: 6-21-2016

ITEM	PART NO.	DESCRIPTION	KIT NO.	QTY
REV. J	20160831			

Body Assembly, Enclosed Main (51721203)



NOTE:

1. APPLY 89391284 WEATHERSTRIPPING

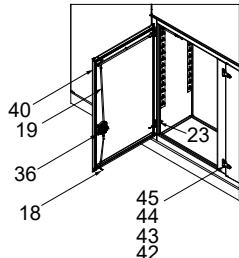
51721203 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
2.	51721091	CONTROL BOX ASM-SITESTAR LUBE '06	1
3.	52718729	SUPPORT-PUMP SHELF	2
4.	52719640	SUPPORT-REEL SHELF 21.86in HIGH STRAIGHT	2
5.	60116069	MTG ANGLE-REEL SHELF	4
7.	60126462	SHELF-REELS FOR 94in WIDE COMPT	2
8.	60127636	ROD-DOOR 14.38 LG W .75" OFFSET	1
9.	60128110	PLATE-PUMP COVER	1
10.	60129190	ROD-DOOR 11.75 LG W-.75in OFFSET	2
11.	60129191	ROD-DOOR 17.12 LG W-.75in OFFSET	3
12.	60129192	ROD-DOOR 32.94 LG W-.75in OFFSET	3
13.	60131024	ROD-DOOR 61.00 LG	2
14.	60250777	ANGLE-ALUM DOOR CATCH 1.54X1.54X6.00	1
15.	70034366	PLUG-PLSTC BUTTON BP-1-1 8	8
16.	70733952	ROLLER ASM - REAR LUBE DOOR OPENING	1
17.	71415474	DOOR CATCH-ASM STAINLESS STEEL 4" 2 PC	2
18.	72053248	PLUG-PIPE SQ HD BLK 1.00	1
19.	72060004	CAP SCR .25-20X 1.00 HH GR5 Z	A/R
20.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	A/R
21.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	A/R
22.	72060048	CAP SCR .38-16X 1.50 HH GR5 Z	A/R
23.	72060636	SCR-MACH 10-24X .75 RDH PH ZINC	A/R
24.	72062103	NUT .38-16 HEX NYLOCK	A/R
25.	72062106	NUT 10-24 HEX NYLOCK	A/R
26.	72062109	NUT .31-18 HEX NYLOCK	A/R
27.	72063001	WASHER .25 FLAT	A/R
28.	72063002	WASHER .31 FLAT	A/R
29.	72063003	WASHER .38 FLAT	A/R
30.	72063049	WASHER .25 LOCK	A/R
31.	72063050	WASHER .31 LOCK	A/R
32.	72601590	CAP SCR-SS .31-18X1.00 TRH PHH	A/R
33.	72661269	HANDLE-GRAB CHROME 16L 3H 819	2
34.	72661599	LATCH ASM-3PT COMPRESSION (BLACK)	6
35.	52719671	DOOR-WLDMT DBL 26.44H X 27.16W	1
36.	52720769	DOOR-SIDE SITESTAR ENCLOSED 2006	1
37.	52720768	DOOR-SIDE SITESTAR ENCLOSED 2006	1
38.	52719652	DOOR-WLDMT HEM 53.06H X 33.50W	3
39.	52719670	DOOR-WLDMT HEM 26.44H X 27.16W	1
40.	72661383	HINGE-SS 10GA BUTT W IMT LOGO OFFSET	18
41.	72062264	WELD NUT .25-20 TP2120 FOR HINGE	18
42.	72062194	NUT-SS .25-20 NYLOC	36
43.	72601652	SCR-MACH .25-20X .75TRHTORXSS	72
44.	89393637	WEATHERSTRIP- .50X.50 TRIM-LOC X202-BT	A/R
45.	60132005	COVER-SITESTAR ENCLOSED HYD ABOVE	1
45.	60132004	COVER-SITESTAR ENCLOSED HYD BELOW	1
46.	89391284	WEATHERSTRIP .19X .75	A/R
47.	52724371	PANEL-BOLT IN 92inH LUBE ENCLOS	1
48.	76392598	WASHER-BONDED PLTD .31	4

51721203 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
49.	60140593	PIPE- .38 SCH40 X 1.50	1
REV L 20150616			

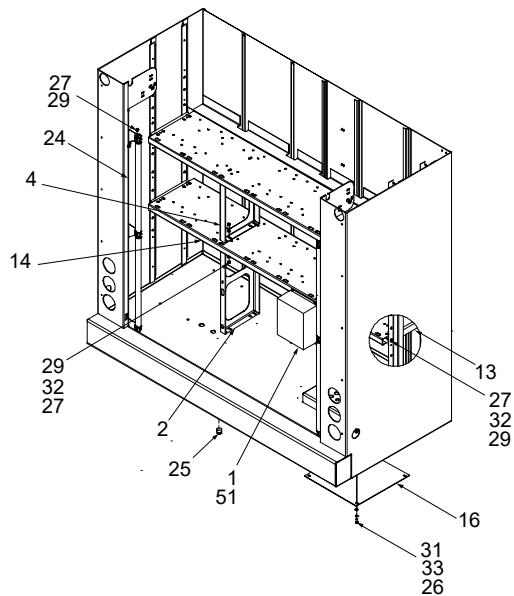
Shelving Kits

SHELF KIT PART NUMBERS		
PART #	DESCRIPTION	QUANTITY
51710705	ADJUSTABLE SHELF ASSEMBLY, LEFT HAND 17.00" X 35.50"-39.50"	AS REQUIRED
51719705	ADJUSTABLE SHELF ASSEMBLY, RIGHT HAND 17.00" X 58.00-61.00"	AS REQUIRED

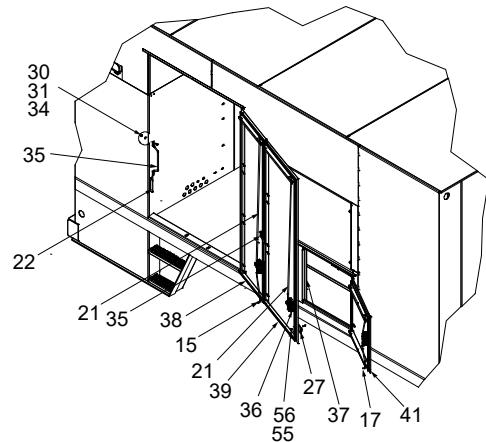
Body Assembly, Enclosed Auxiliary (51720780) Effective 6-29-2016



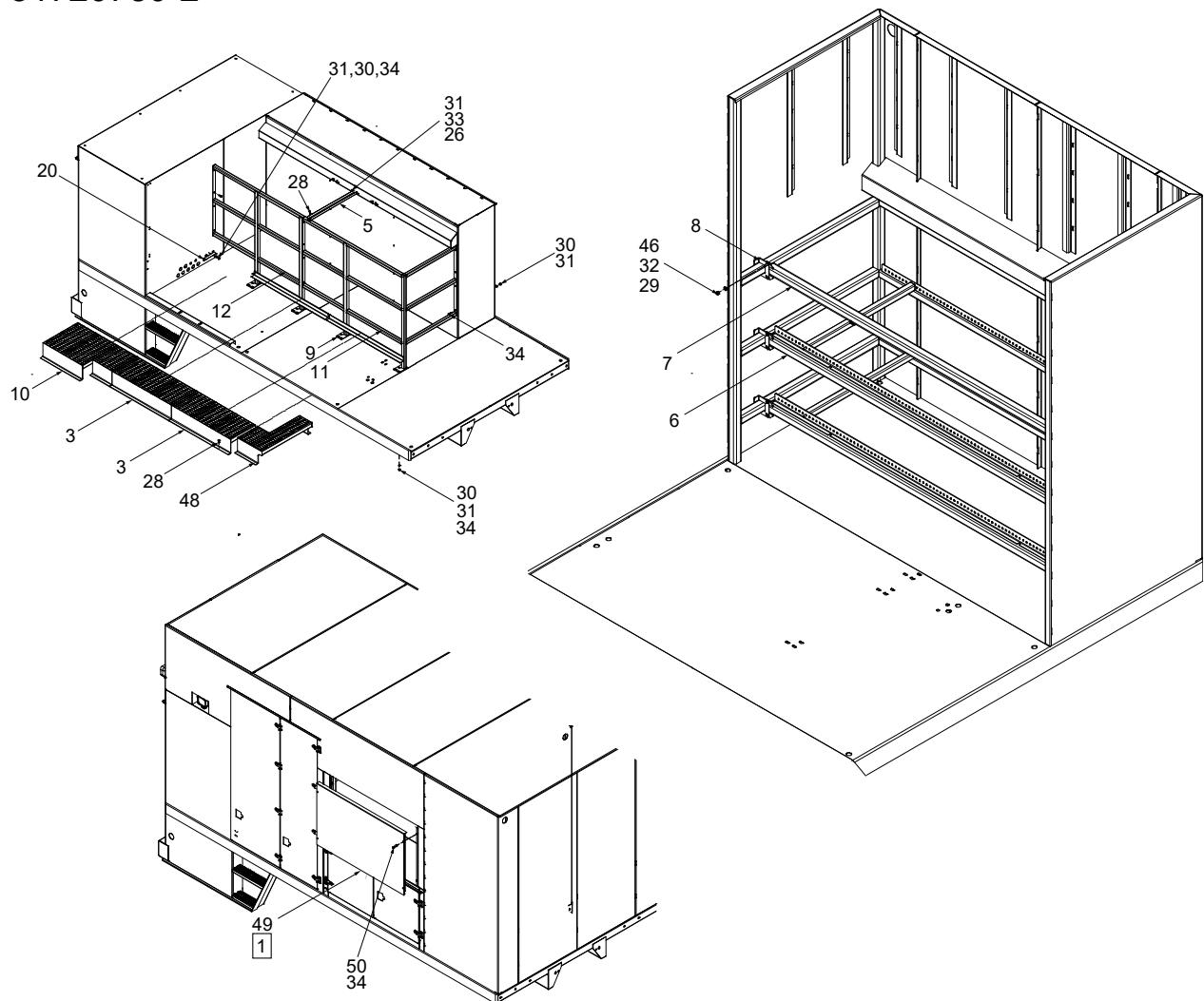
STREETSIDE DOOR ASSY



CURBSIDE DOOR ASSY



51720780-2



NOTES:

1. APPLY 89391284 WEATHERSTRIPPING.

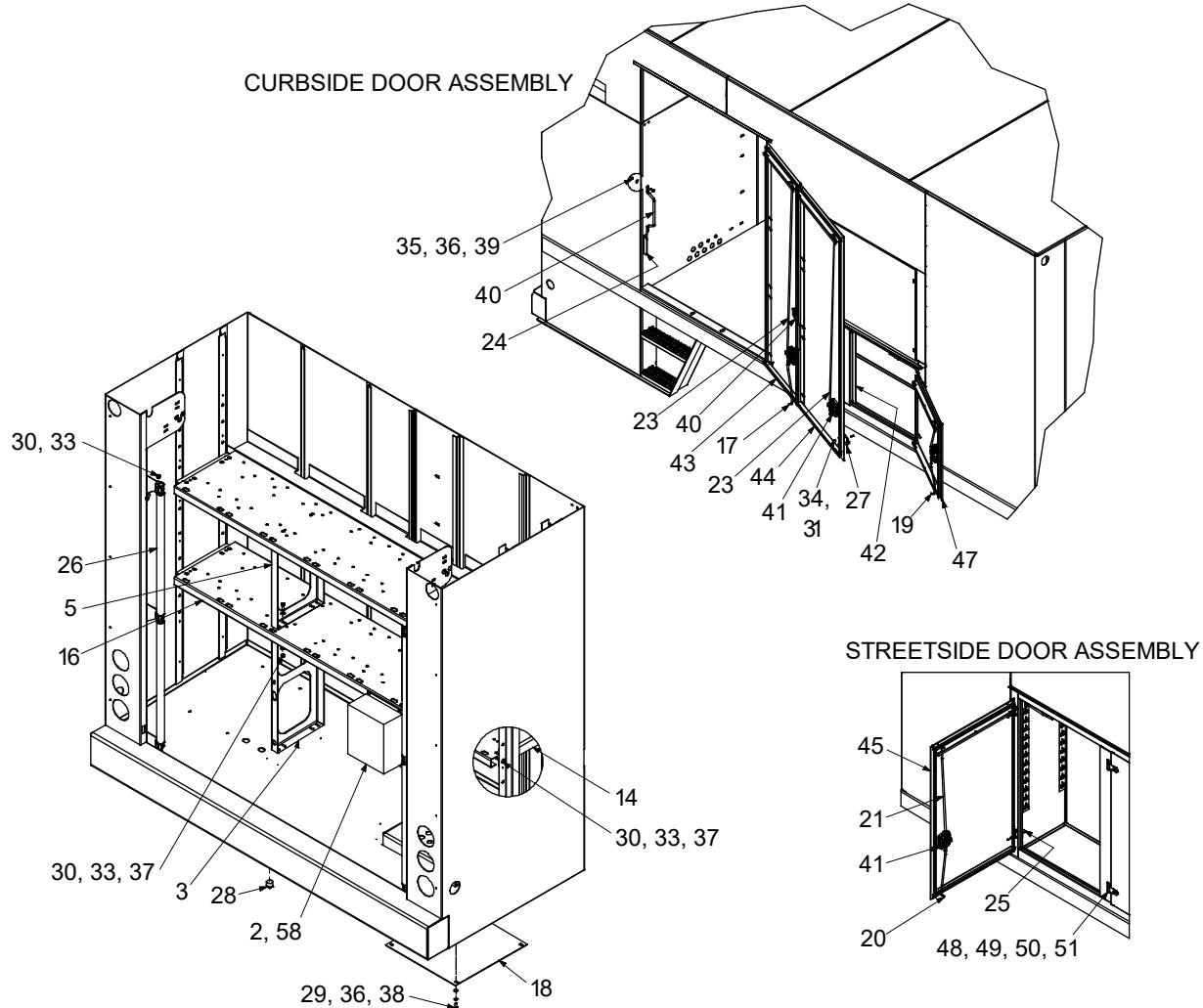
51720780 COMPLETE PARTS LIST Effective 6-29-2016				
ITEM	PART NO.	DESCRIPTION	QTY.	KIT NO.
1	51721091	CONTROL BOX ASM-SITESTAR LUBE '06	1	
2	52718729	SUPPORT-PUMP SHELF	2	
3	52719228	COVER-HOSE ALUM REAR	2	
4	52719640	SUPPORT-REEL SHELF 21.86in HIGH STRAIGHT	2	
5	52719841	HOLD DOWN-POLY TANK	1	
6	52719891	BAR WLDMT-TANK RET AUX LUBE PLATFORM	2	
7	52719981	BAR WLDMT-TANK RET AUX LUBE PLATFORM	1	
8	52719982	TUBE WLDMT TANK RETENTION AUX LUBE	2	
9	52720271	FENCE-WLDMT ADJ FOOT POLY TANK FENCE LH	3	
10	52720275	COVER-HOSE LUBE 15W 35.25L TO 21W STD	1	
11	52720771	FENCE-POLY TANK RETENTION ENCL MID	1	

51720780 COMPLETE PARTS LIST Effective 6-29-2016				
ITEM	PART NO.	DESCRIPTION	QTY.	KIT NO.
12	52720772	FENCE-POLY TANK RETENTION ENCL REAR	1	
13	60116069	MTG ANGLE-REEL SHELF	4	
14	60126462	SHELF-REELS FOR 94in WIDE COMPT	2	
15	60127636	ROD-DOOR 14.49 LG W/.75" OFFSET	1	
16	60128110	PLATE-PUMP COVER	1	
17	60129190	ROD-DOOR 11.75 LG W-.75in OFFSET	2	
18	60129191	ROD-DOOR 17.12 LG W-.75in OFFSET	3	
19	60129192	ROD-DOOR 32.94 LG W-.75in OFFSET	3	
20	60129651	ANGLE-FORMED 1.50X1.50X6.00	1	
21	60131024	ROD-DOOR 61.00 LG	2	
22	60250777	ANGLE-ALUM DOOR CATCH 1.54X1.54X6.00	1	
23	70034366	PLUG-PLSTC BUTTON BP-1-1/8	8	
24	70733952	ROLLER ASM - REAR LUBE DOOR OPENING	1	
25	72053248	PLUG-PIPE SQ HD BLK 1.00	1	
26	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	A/R	
27	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	A/R	
28	72060833	SCR-THRD.CUT .31-18X.75 HWH-1	A/R	
29	72062103	NUT .38-16 HEX NYLOCK	A/R	
30	72062109	NUT .31-18 HEX NYLOCK	A/R	
31	72063002	WASHER .31 FLAT	A/R	
32	72063003	WASHER .38 FLAT	A/R	
33	72063050	WASHER .31 LOCK	A/R	
34	72601590	SCR-MACH .31-18X 1.00 BTNHD HEX SS	A/R	
35	72661269	HANDLE-GRAB CHROME 16L 3H 819	2	
36	72661599	LATCH ASM-3PT COMPRESSION (BLACK)	6	
37	52719671	DOOR-WLDMT DBL 26.44H X 27.16W	1	
38	52720769	DOOR-SIDE SITESTAR ENCLOSED 2006	1	
39	52720768	DOOR-SIDE SITESTAR ENCLOSED 2006	1	
40	52719652	DOOR-WLDMT HEM 53.06H X 33.50W	3	
41	52719670	DOOR-WLDMT HEM 26.44H X 27.16W	1	
42	72661383	HINGE-SS 10GA BUTT W/IMT LOGO OFFSET	18	
43	72062264	WELD NUT .25-20 TP2120 FOR HINGE	18	
44	72062194	NUT-SS .25-20 NYLOC	36	
45	72601652	SCR-MACH .25-20X .75TRHTORXSS	72	
46	72060046	CAP SCR .38-16X 1.00 HH GR5 Z	A/R	
47	89393637	WEATHERSTRIP- .50X.50 TRIM-LOC X202-BT	A/R	
48	52721962	COVER-HOSE LUBE ENCLOSED	1	
49	52724371	PANEL-BOLT IN 92inH LUBE ENCLOS	1	
50	76392598	WASHER-BONDED .31 PLTD	4	

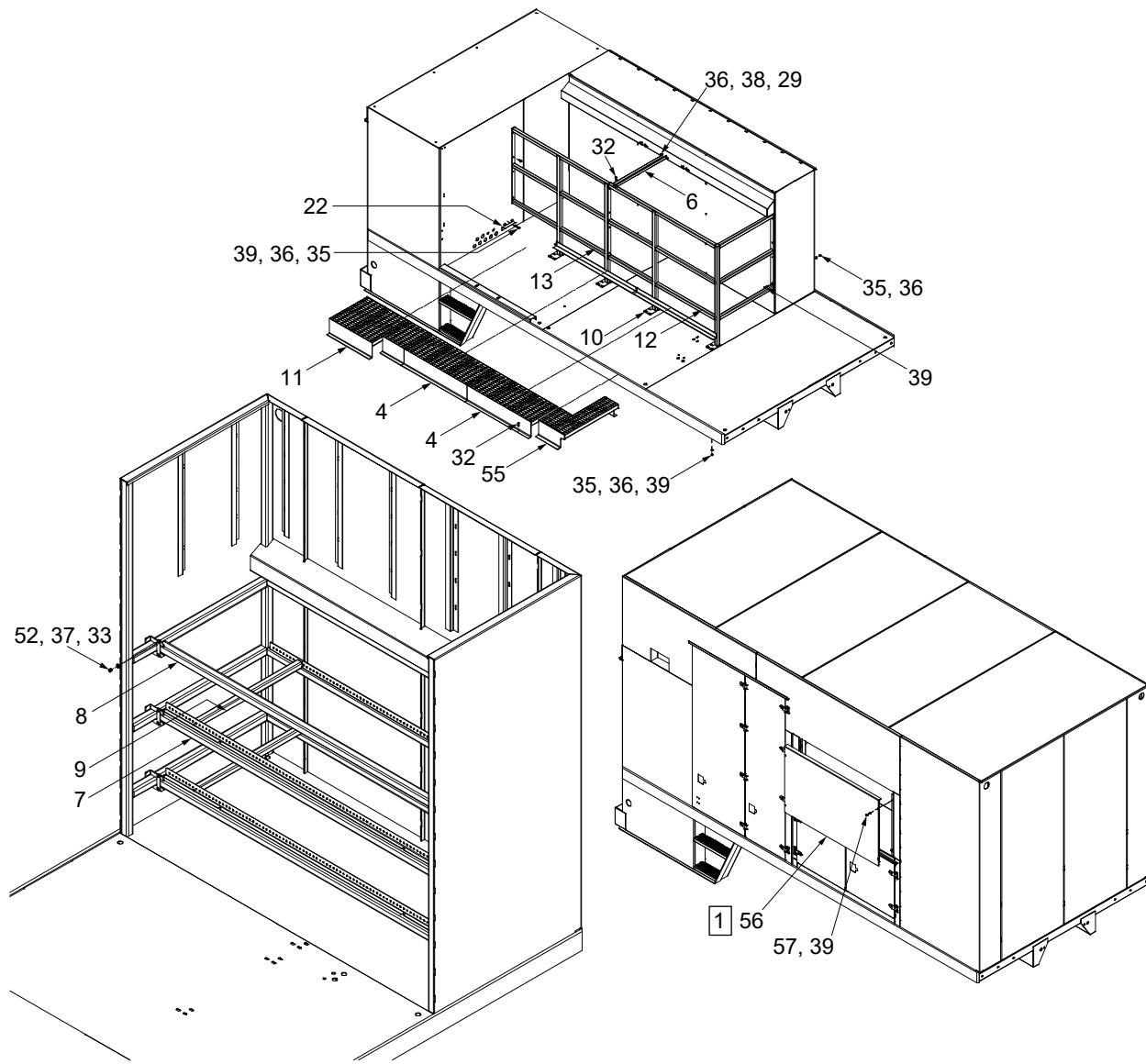
51720780 COMPLETE PARTS LIST Effective 6-29-2016					
ITEM	PART NO.	DESCRIPTION	QTY.	KIT NO.	
51	60140593	PIPE-.38 SCH40 X 1.50	1		
52	77040581	FLOODLIGHT-LED 12-36VDC	6		
53	51726934	KIT-HRDW DOOR CATCH INSTALL	2	REF	
54	71415474	DOOR CATCH-ASM STAINLESS STEEL 4" 2 PC	2	#53	
55	72601823	SCR-MACH #10-24X .75 RDH PH SS	16	#53	
56	72062123	NUT-SS #10-24 NYLOC	16	#53	

REV. M 20160901

Body Assembly, Enclosed Auxiliary (51720780)



51720780 DRAWING



NOTE:

1. APPLY 89391284 WEATHERSTRIPPING

51720780 PARTS LIST

ITEM	PART #	DESCRIPTION	QTY
2.	51721091	CONTROL BOX ASM-SITESTAR LUBE '06	1
3.	52718729	SUPPORT-PUMP SHELF	2
4.	52719228	COVER-HOSE ALUM REAR	2
5.	52719640	SUPPORT-REEL SHELF 21.86in HIGH STRAIGHT	2
6.	52719841	HOLD DOWN-POLY TANK	1
7.	52719891	BAR WLDMT-TANK RET AUX LUBE PLATFORM	2
8.	52719981	BAR WLDMT-TANK RET AUX LUBE PLATFORM	1
9.	52719982	TUBE WLDMT TANK RETENTION AUX LUBE	2
10.	52720271	FENCE-WLDMT ADJ FOOT POLY TANK FENCE LH	3
11.	52720275	COVER-HOSE LUBE 15W 35.25L TO 21W STD	1

51720780 PARTS LIST			
ITEM	PART #	DESCRIPTION	QTY
12.	52720771	FENCE-POLY TANK RETENTION ENCL MID	1
13.	52720772	FENCE-POLY TANK RETENTION ENCL REAR	1
14.	60116069	MTG ANGLE-REEL SHELF	4
16.	60126462	SHELF-REELS FOR 94in WIDE COMPT	2
17.	60127636	ROD-DOOR 14.38 LG W .75" OFFSET	1
18.	60128110	PLATE-PUMP COVER	1
19.	60129190	ROD-DOOR 11.75 LG W-.75in OFFSET	2
20.	60129191	ROD-DOOR 17.12 LG W-.75in OFFSET	3
21.	60129192	ROD-DOOR 32.94 LG W-.75in OFFSET	3
22.	60129651	ANGLE-FORMED 1.50X1.50X6.00	1
23.	60131024	ROD-DOOR 61.00 LG	2
24.	60250777	ANGLE-ALUM DOOR CATCH 1.54X1.54X6.00	1
25.	70034366	PLUG-PLSTC BUTTON BP-1-1 8	8
26.	70733952	ROLLER ASM - REAR LUBE DOOR OPENING	1
27.	71415474	DOOR CATCH-ASM STAINLESS STEEL 4" 2 PC	2
28.	72053248	PLUG-PIPE SQ HD BLK 1.00	1
29.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	A/R
30.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	A/R
31.	72060636	SCR-MACH 10-24X .75 RDH PH ZINC	A/R
32.	72060833	SCR-THRD.CUT .31-18X.75 HWH-1	A/R
33.	72062103	NUT .38-16 HEX NYLOCK	A/R
34.	72062106	NUT 10-24 HEX NYLOCK	A/R
35.	72062109	NUT .31-18 HEX NYLOCK	A/R
36.	72063002	WASHER .31 FLAT	A/R
37.	72063003	WASHER .38 FLAT	A/R
38.	72063050	WASHER .31 LOCK	A/R
39.	72601590	CAP SCR-SS .31-18X1.00 TRH PHH	A/R
40.	72661269	HANDLE-GRAB CHROME 16L 3H 819	2
41.	72661599	LATCH ASM-3PT COMPRESSION (BLACK)	6
42.	52719671	DOOR-WLDMT DBL 26.44H X 27.16W	1
43.	52720769	DOOR-SIDE SITESTAR ENCLOSED 2006	1
44.	52720768	DOOR-SIDE SITESTAR ENCLOSED 2006	1
45.	52719652	DOOR-WLDMT HEM 53.06H X 33.50W	3
47.	52719670	DOOR-WLDMT HEM 26.44H X 27.16W	1
48.	72661383	HINGE-SS 10GA BUTT W IMT LOGO OFFSET	18
49.	72062264	WELD NUT .25-20 TP2120 FOR HINGE	18
50.	72062194	NUT-SS .25-20 NYLOC	36
51.	72601652	SCR-MACH .25-20X .75TRHTORXSS	72
52.	72060046	CAP SCR .38-16X 1.00 HH GR5 Z	A/R
53.	89393637	WEATHERSTRIP- .50X.50 TRIM-LOC X202-BT	A/R
55.	52721962	COVER-HOSE LUBE ENCLOSED	1
56.	52724371	PANEL-BOLT IN 92inH LUBE ENCLOS	1
57.	76392598	WASHER-BONDED PLTD .31	4
58.	60140593	PIPE- .38 SCH40 X 1.50	1

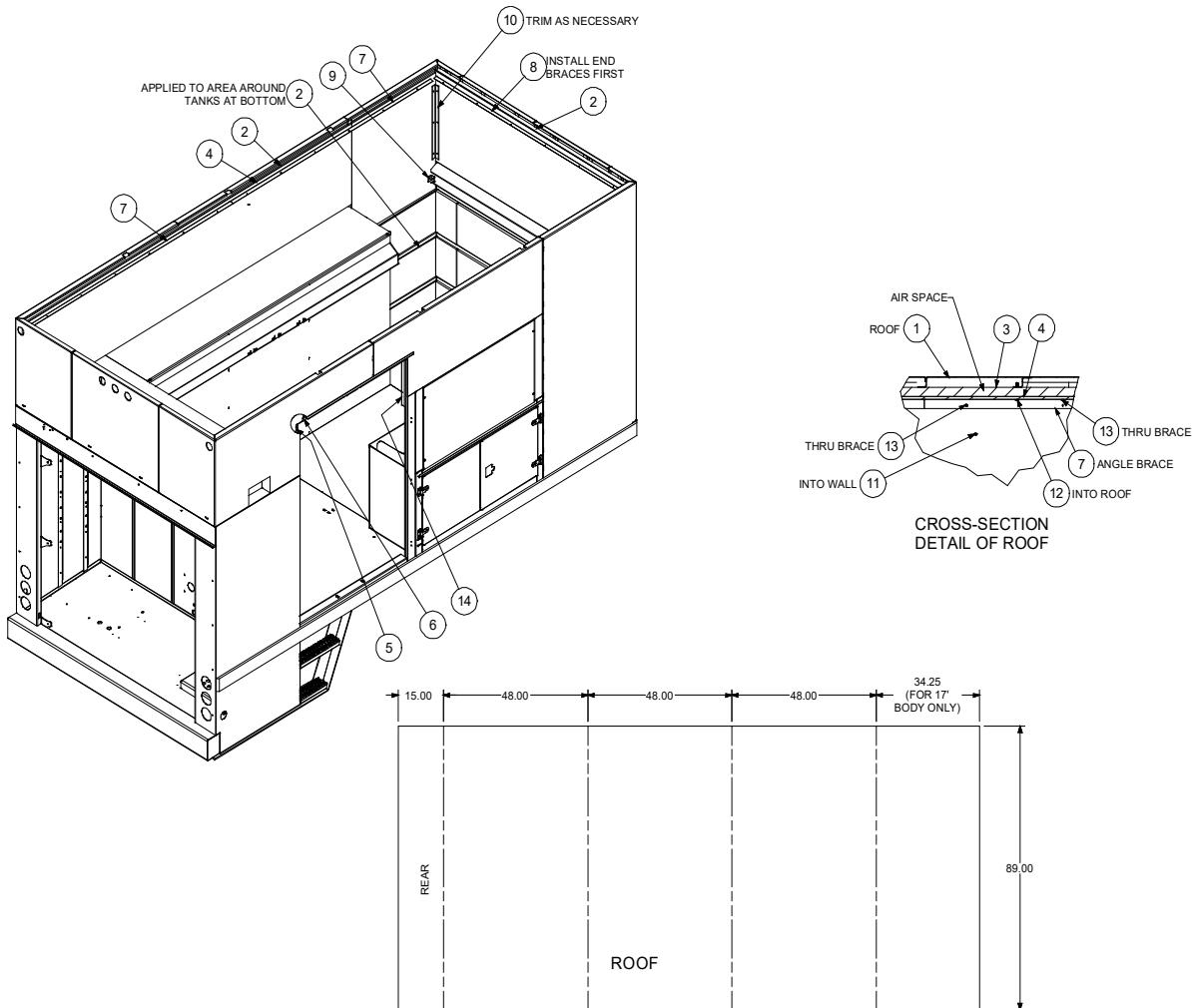
REV L 20150616

Shelving Kits

SHELF KIT PART NUMBERS

PART #	DESCRIPTION	QTY
51710705	ADJUSTABLE SHELF ASSEMBLY, LEFT HAND 17.00" X 35.50"-39.50"	AS REQ.
51719705	ADJUSTABLE SHELF ASSEMBLY, RIGHT HAND 17.00" X 58.00-61.00"	AS REQ.

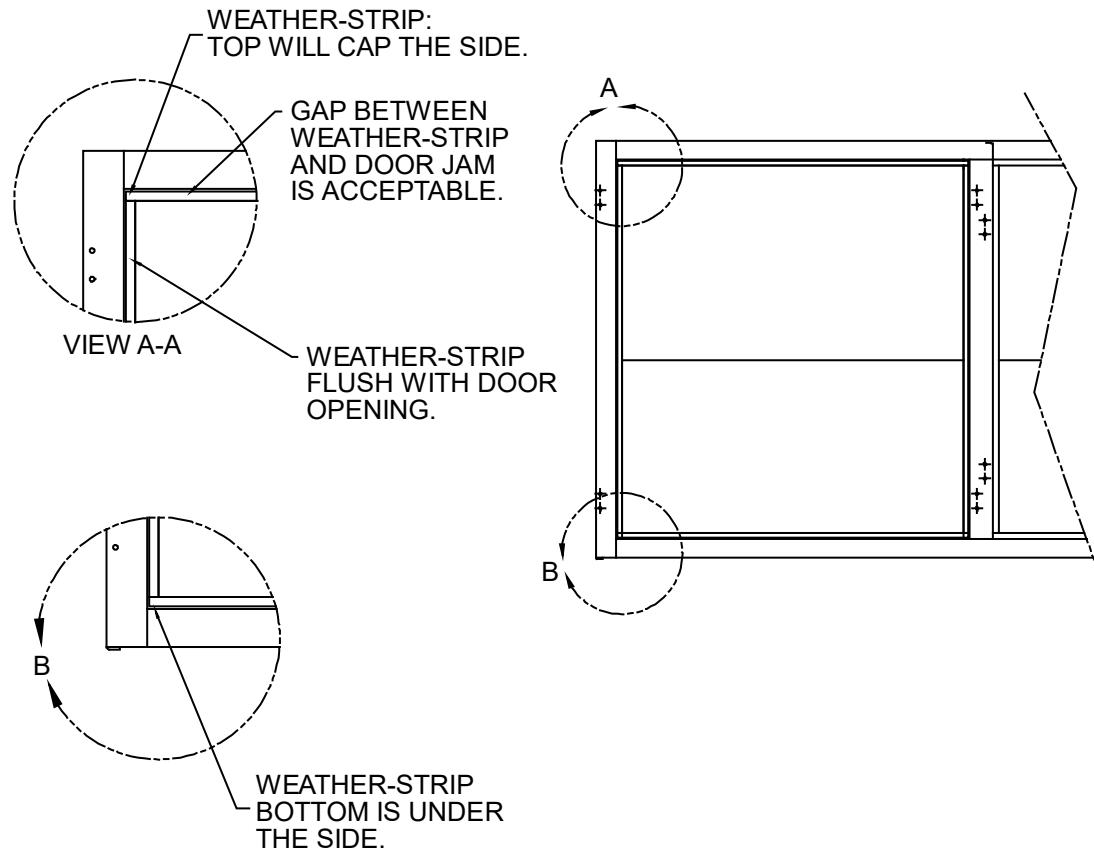
Insulation Kit, Enclosed Body (99904293)



99904293 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	REF	SITESTAR - BODY WELDMENT ENCLOSED	1
2.	82038046	SHEET 1.00X48X96 STYROFOAM	AS REQ'D
3.	82038054	SHEET 1.50X48X96 STYROFOAM	AS REQ'D
4.	86038056	WOOD-PLYWOOD .38X 4ft X 8ft WHITE POLY	AS REQ'D
5.	60131771	TRIM-DOOR SITESTAR ENCLOSED	1
6.	60131772	TRIM-DOOR SITESTAR ENCLOSED	1
7.	60132033	TRIM-INSULATION SITESTAR ENCLOSED	4
8.	60132034	TRIM-INSULATION SITESTAR ENCLOSED	2
9.	60132059	TRIM-INSULATION SITESTAR ENCLOSED	3
10.	60132096	TRIM-INSULATION SITESTAR ENCLOSED	4
11.	72061149	SCR-TEK 12-14X 2.00 HWH 3 PT	AS REQ'D
12.	72061148	SCR-TEK 12-14X 2.50 HWH 2 PT	AS REQ'D
13.	72061739	SCR-TEK 12-14X 1.00 HWH 3 PT	AS REQ'D
14.	60140204	TRIM-DOOR	1
REV C 20120914			

Weather-Strip Installation (99904256)

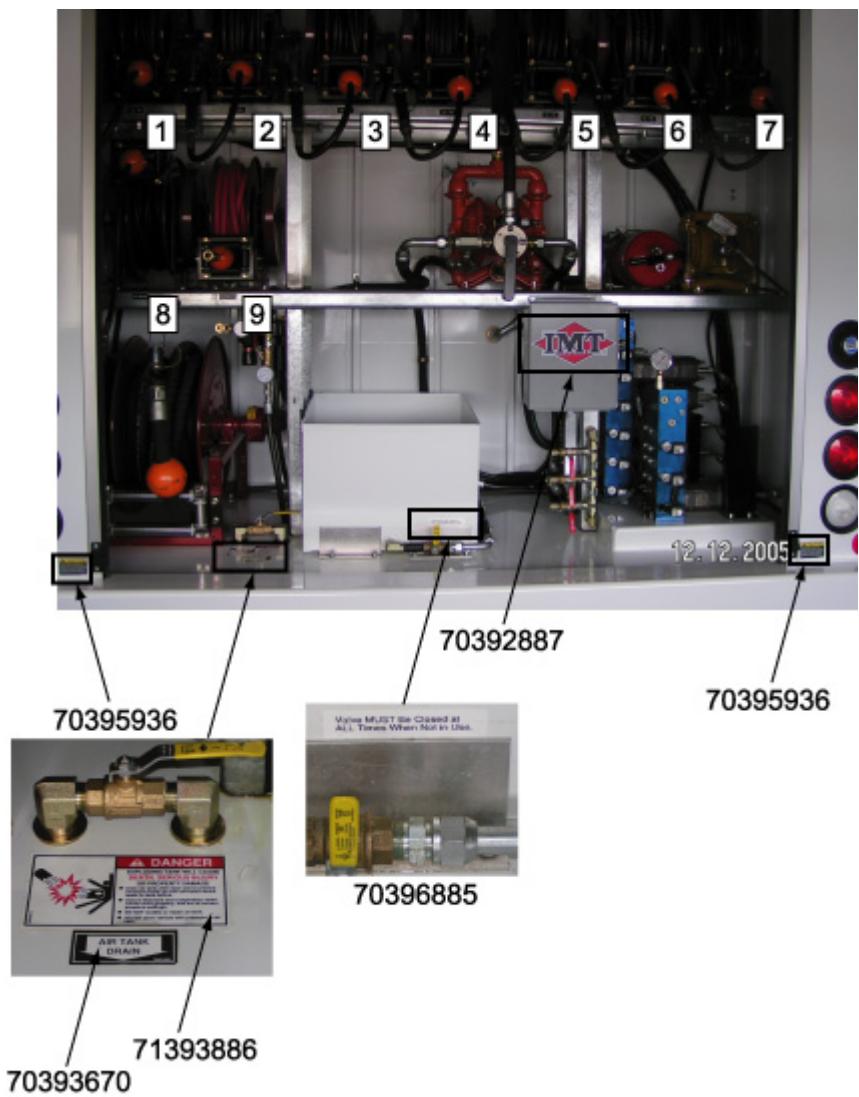


SiteStar Decal Placement (95720870)

Vehicle Exterior

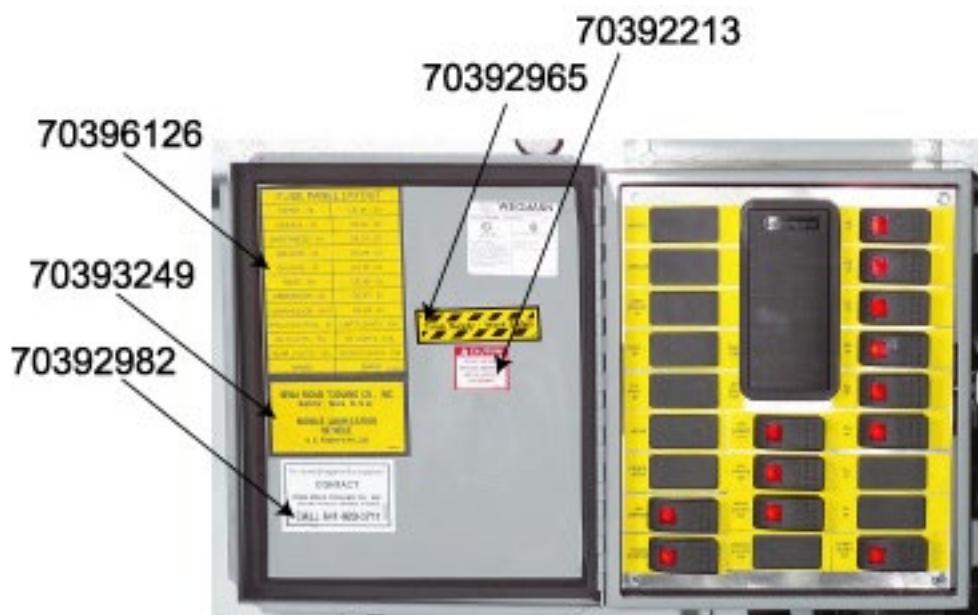


Rear Compartment

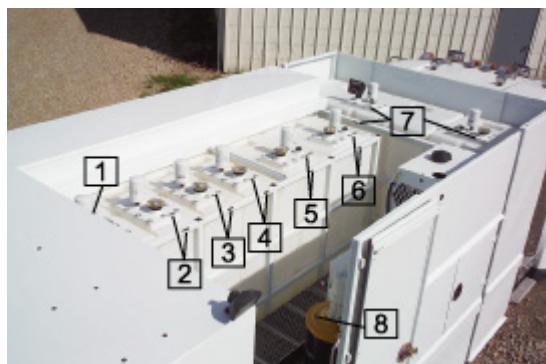


ITEM #	PART #	DESCRIPTION
REF	FROM SHEET 70397040	DECAL-DIESEL
REF	FROM SHEET 70397040	DECAL- OIL #1
REF	FROM SHEET 70397040	DECAL- OIL #2
REF	FROM SHEET 70397040	DECAL- OIL #3
REF	FROM SHEET 70397040	DECAL- OIL #4
REF	FROM SHEET 70397040	DECAL- OIL #5
REF	FROM SHEET 70397040	DECAL- OIL #6
REF	FROM SHEET 70397040	DECAL- WATER / ANTIFREEZE
REF	FROM SHEET 70397040	DECAL- SALVAGE
REF	FROM SHEET 70397040	DECAL- HP GREASE
NOTE: Each hose reel is labeled with the decal which shows the hose application. In the truck, the tank associated with each hose reel is labeled with a matching decal.		
Sheet 70397040 includes tank and hose labels for SiteStar bodies.		

Fuse Panel - Inside



Tank Identification Labels



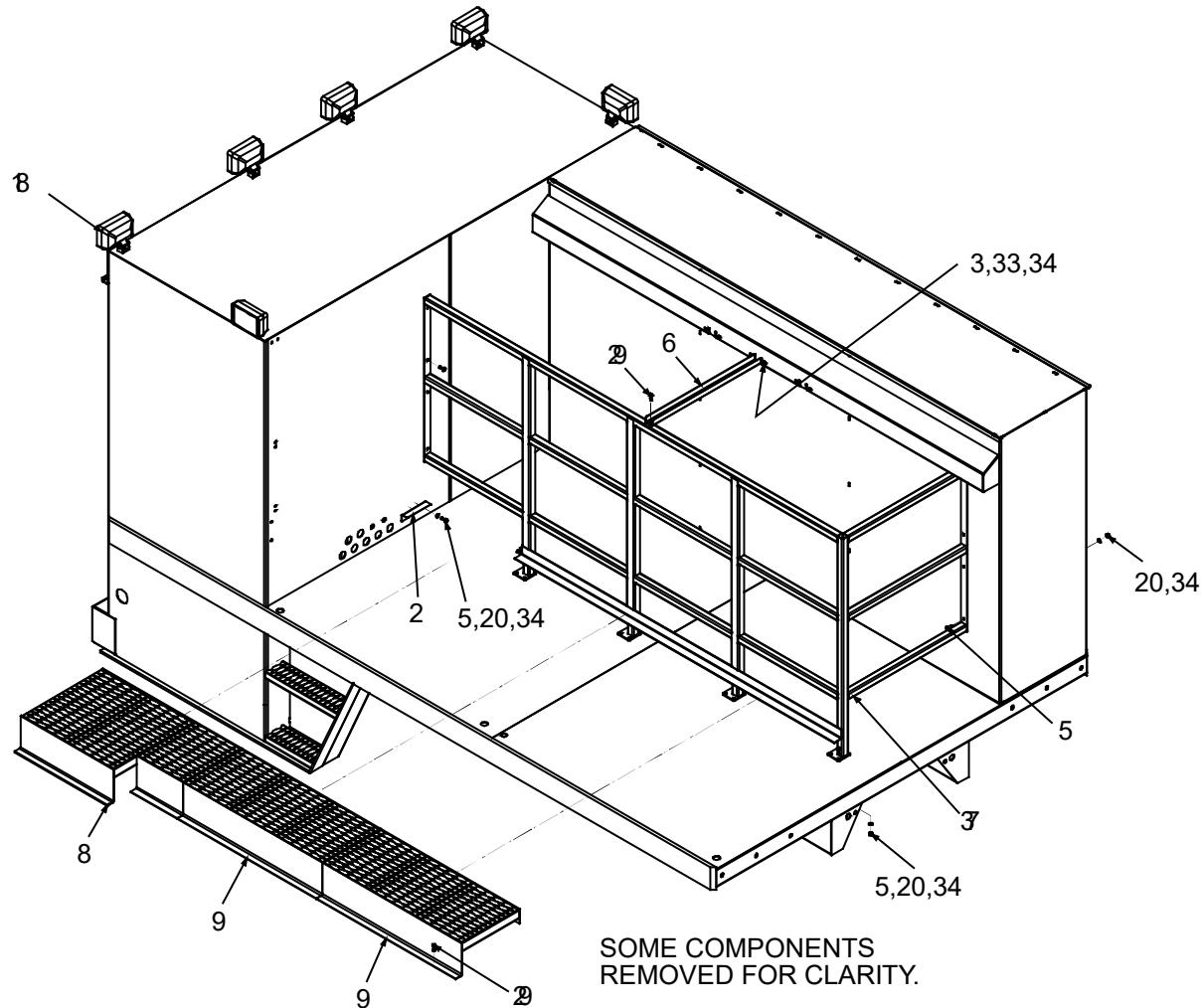
ITEM #	PART #	DESCRIPTION
REF	FROM SHEET 70397040	DECAL-DIESEL
REF	FROM SHEET 70397040	DECAL- OIL #1
REF	FROM SHEET 70397040	DECAL- OIL #2
REF	FROM SHEET 70397040	DECAL- OIL #3
REF	FROM SHEET 70397040	DECAL- OIL #4
REF	FROM SHEET 70397040	DECAL- OIL #5
REF	FROM SHEET 70397040	DECAL- OIL #6
REF	FROM SHEET 70397040	DECAL- WATER / ANTIFREEZE
REF	FROM SHEET 70397040	DECAL- SALVAGE
8	FROM SHEET 70397040	DECAL- HP GREASE

NOTE: Each tank is labeled with the decal which shows its contents. In the rear compartment, the hose reel associated with each tank is labeled with a matching decal. Sheet 70397040 includes tank and hose labels for SiteStar bodies.

Chassis Cab Labels



Fence Assembly (99904117)



NOTE:

ITEM #17 IS OPTIONAL, BASED ON LENGTH OF TANKS. POSITION AS NECESSARY.

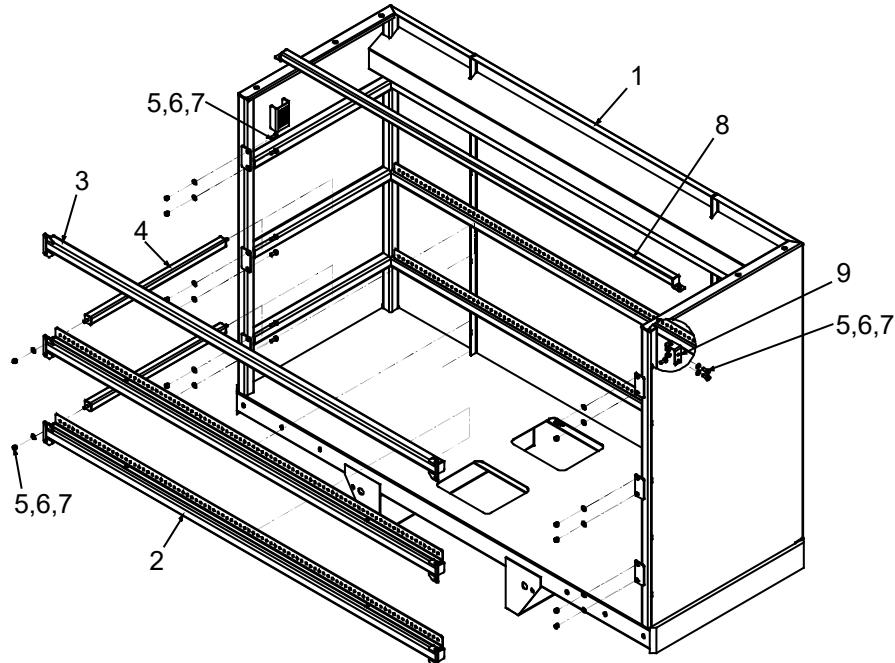
99904117 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52719228	COVER-HOSE ALUM REAR	2
2.	52719841	HOLD DOWN-POLY TANK	1
3.	52720271	WLDMT-TANK FENCE FOOT ADJ	3
4.	52720275	HOSE COVER-ALUM REAR OPEN LUBE	1
5.	52720280	FENCE-WLDMT POLY TANK RETENTION 112.44	1
5.	52720279	FENCE-WLDMT POLY TANK RETENTION 104.68	1
6.	52720445	BAR WLDMT-TANK LOCK SITESTAR LONG	1
6.	52720444	BAR WLDMT-TANK LOCK SITESTAR SHORT	1
7.	60129651	ANGLE-FORMED 1.50X1.50X6.00	1
8.	60130361	PLATE-END RETAINER LOCK BAR SITESTAR	1
9.	72601590	CAP SCR-SS .31-18X1.00 TRH PHH	20

99904117 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
10.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	8
11.	72063050	WASHER .31 LOCK	2
12.	72063002	WASHER .31 FLAT	30
13.	72062109	NUT .31-18 HEX NYLOCK	28
14.	72060046	CAP SCR .38-16X 1.00 HH GR5 Z	A/R
15.	72062103	NUT .38-16 HEX NYLOCK	A/R
16.	72060833	SCR-THRD.CUT .31-18X.75 HWH-1	10
17.	52720340	BAR WLDMT-TANK RETENTION MAIN LUBE	A/R
19.	72060052	CAP SCR .38-16X 2.50 HH GR5 Z	A/R
REV B 20071002			

Auxiliary Lube Platform (51719892)

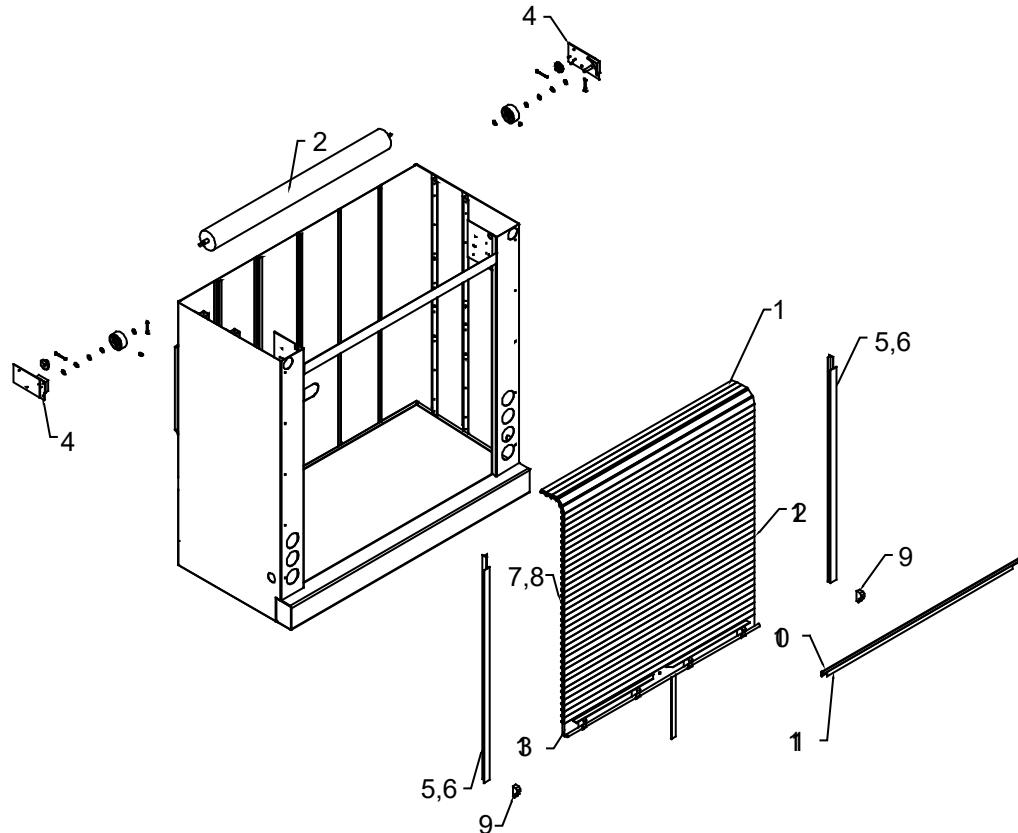


51719892 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52719500	DECK WLDMT-LUBE	1
2.	52719891	BAR WLDMT-TANK RET AUX LUBE PLATFORM	2
3.	52719981	BAR WLDMT-TANK RET AUX LUBE PLATFORM	1
4.	52719982	TUBE WLDMT TANK RETENTION AUX LUBE	2
5.	72062103	NUT .38-16 HEX NYLOCK	16
6.	72063003	WASHER .38 FLAT	16
7.	72060046	CAP SCR .38-16X 1.00 HH GR5 Z	14
8.	52721146	BAR WELDMENT-TANK LOCK AUX. (WAS 52720446)	1
9.	60131816	PLATE-END RETAINER LOCK BAR (WAS 60130361)	1

REV. C 20070709

Roll-Up Door (70733506)

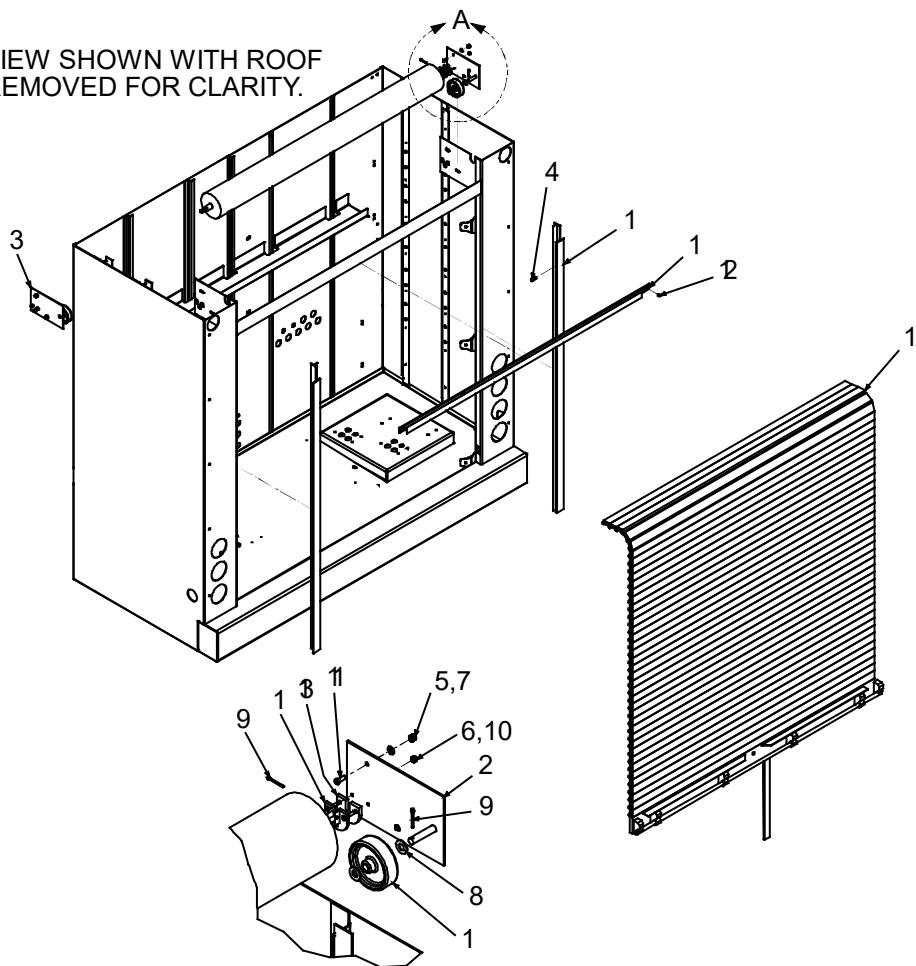


70733506 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70734671	BOX SLAT (WAS 70733547)	REF
2.	70733548	COUNTERBALANCE	1REF
3.	70733549	COUNTERBALANCE STRAP	3REF
4.	70733550	BRACKET-WHEEL/COUNTERBALANCE	2REF
5.	70734672	SIDE GUIDE (WAS 70733551)	2REF
6.	70734673	SIDE FRONT (WAS 70733552)	2REF
7.	70733553	SLAT CLIP, LEFT HAND	REF
8.	70733554	SLAT CLIP, RIGHT HAND	REF
9.	70733556	BAR LOCK STRIKER	2REF
10.	70733557	HEADER	1REF
11.	70733558	HEADER SEAL	1REF
12.	70733559	SIDE SEAL	2REF
13.	70733560	BOTTOM SLAT W/BAR	1REF
14.	70733561	WHEEL	2REF
15.	70733495	LUBRICANT (NOT SHOWN)	REF
REV 20120502			

Installation, Roll-Up Door (99904303)

VIEW SHOWN WITH ROOF REMOVED FOR CLARITY.



DETAIL A
LEFT HAND ASSEMBLY
IS A MIRROR IMAGE.

NOTE:

- 1 VARIOUS COMPONENTS ARE INCLUDED AS PART OF THE PURCHASED DOOR 70733506. SEE *Roll-Up Door (70733506)* (on page 38) FOR DETAILS.

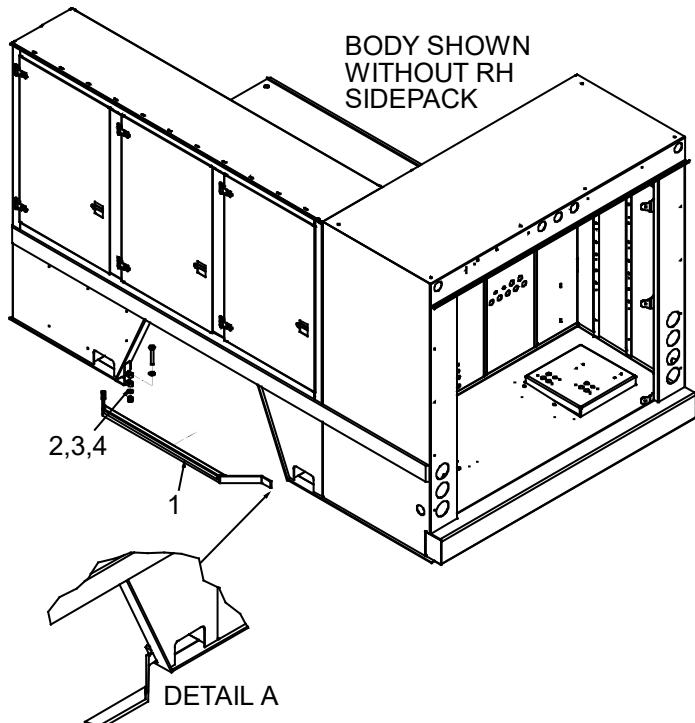
99904303 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70733506	DOOR-ROLL UP DIAMOND 74W X 71H OPNG	1
2.	52721278	PLATE-MOUNT OVERHEAD DOOR RH	1
3.	52721279	PLATE-MOUNT OVERHEAD DOOR LH	1
4.	72061739	SCR-TEK 12-14X 1.00 HWH 3 PT	A/R
5.	72062104	NUT .25-20 HEX NYLOCK	4
6.	72062106	NUT 10-24 HEX NYLOCK	6
7.	72063001	WASHER .25 FLAT	4
8.	72063005	WASHER .50 FLAT	4
9.	72066179	COTTER PIN .12X1.25	4
10.	72601002	SCR-MACH #10-24X 1.00 FLH	6

99904303 PARTS LIST

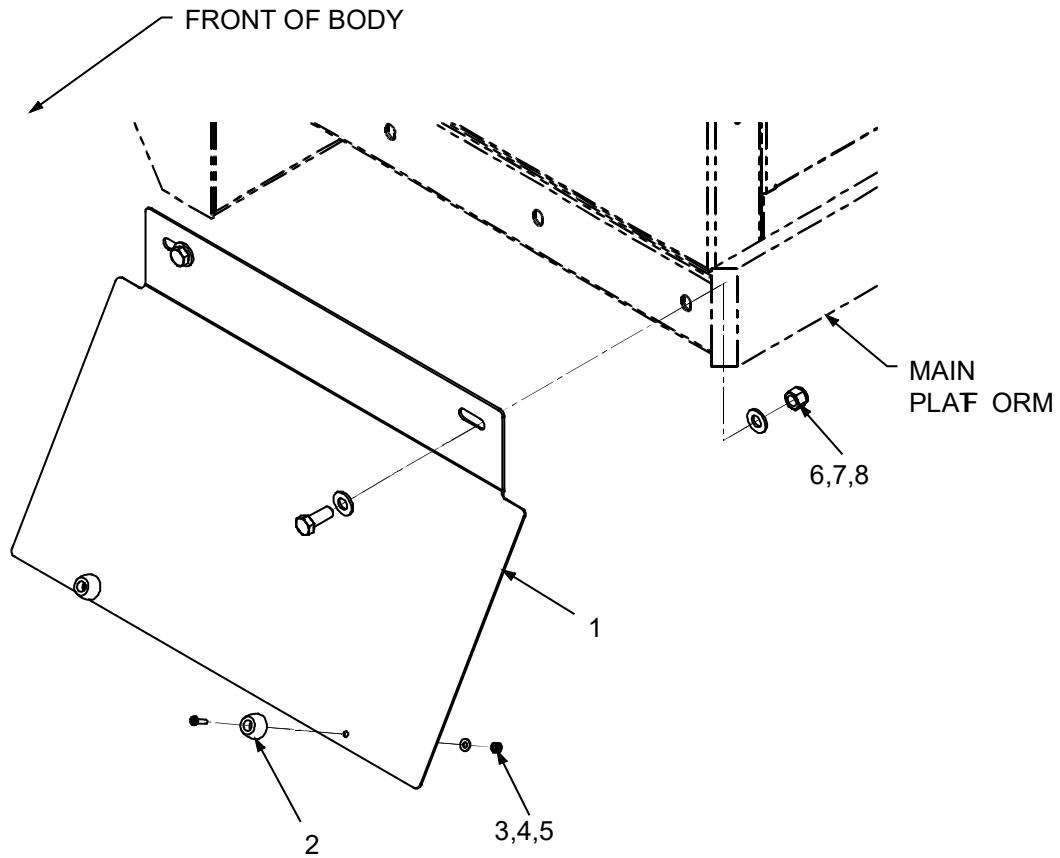
ITEM	PART #	DESCRIPTION	QUANTITY
11.	72601652	SCR-MACH .25-20X .75TRHTORXSS	4
12.	72661349	RIVET-POP SS .19 X .25 GRIP	5
13.	60251249	SHIM-MOUNT ROLL-UP DOOR SITESTAR	2
NEW 20071113			

Installation, Side Step (Kit 90720694 / Dwg 99904120)

**99904120 PARTS LIST**

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52720695	STEP-BAR SITESTAR	1
2.	72063008	WASHER .75 FLAT	2
3.	72062114	NUT .75-10 HEX NYLOCK	1
4.	72060191	CAP SCR .75-10X 5.00 HH GR5 Z	1
NEW 20061024			

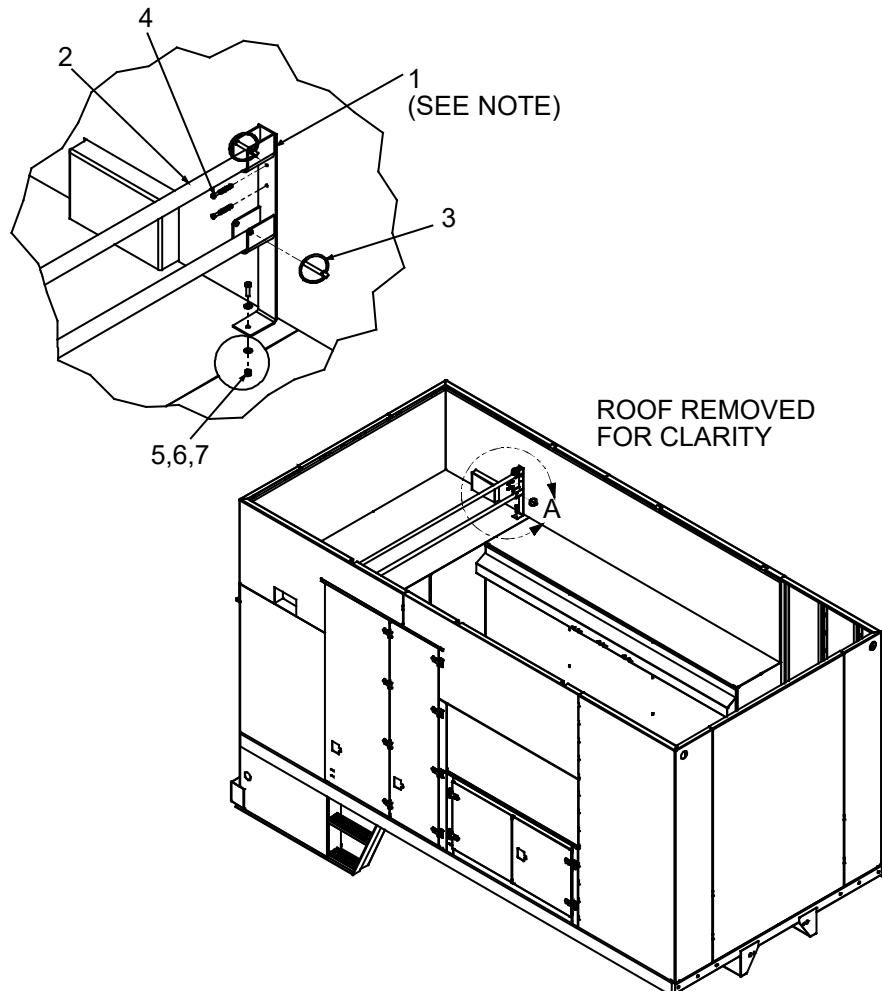
Splash Guard (Kit 93720554/ Dwg. 99904073)



93720554 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60130746	SPLASH GUARD	1
2.	76039990	BUMPER-RUBBER 1.12 DIA X .75	2
3.	72060636	SCR-MACH #10-24X .75 RDH PH ZINC	2
4.	72063000	WASHER .19 W FLAT ANSI B27.2Z	2
5.	72062106	NUT 10-24 HEX NYLOCK	2
6.	72062080	NUT .50-13 HEX NYLOCK	2
7.	72063005	WASHER .50 FLAT	4
8.	72060092	CAP SCR .50-13X 1.25 HH GR5 Z	2
REV 20060920			

Installation Kit, Retention Bar, Enclosed SiteStar (99904283/91721206)



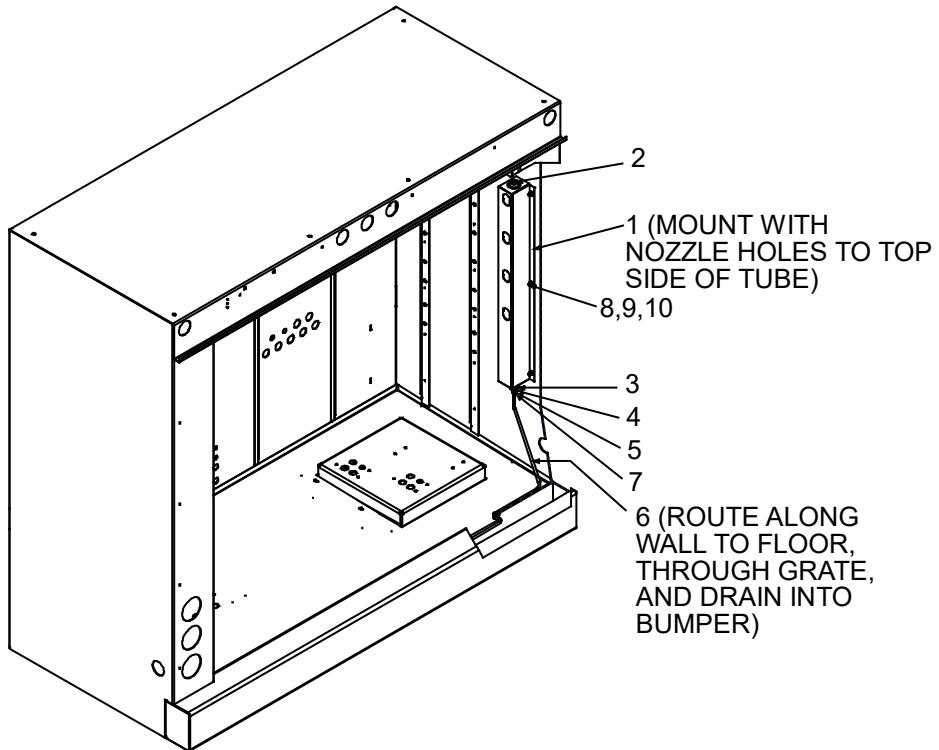
NOTE:

- 1 BRACKETS ON BOTH SIDES BOLTED TO ROOF OF REEL COMPARTMENT. SCREWS THROUGH THE SIDE WILL GO THROUGH THE PLYWOOD WALL AND INSULATION AND FASTEN INTO THE SHEET METAL LINER OF THE OUTSIDE WALL.

91721206 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52721205	BRACKET-RETENTION BAR SITESTAR	2
2.	60131911	BAR-RETENTION SITESTAR	2
3.	72661641	PIN-QUICK 5/16-2-1/16 ZINC YELLOW	4
4.	72061149	SCR-TEK 12-14X 2.00 HWH 3 PT	4
5.	72063001	WASHER .25 FLAT	4
6.	72062104	NUT .25-20 HEX NYLOCK	2
7.	72060004	CAP SCR .25-20X 1.00 HH GR5 Z	2
NEW 20070813			

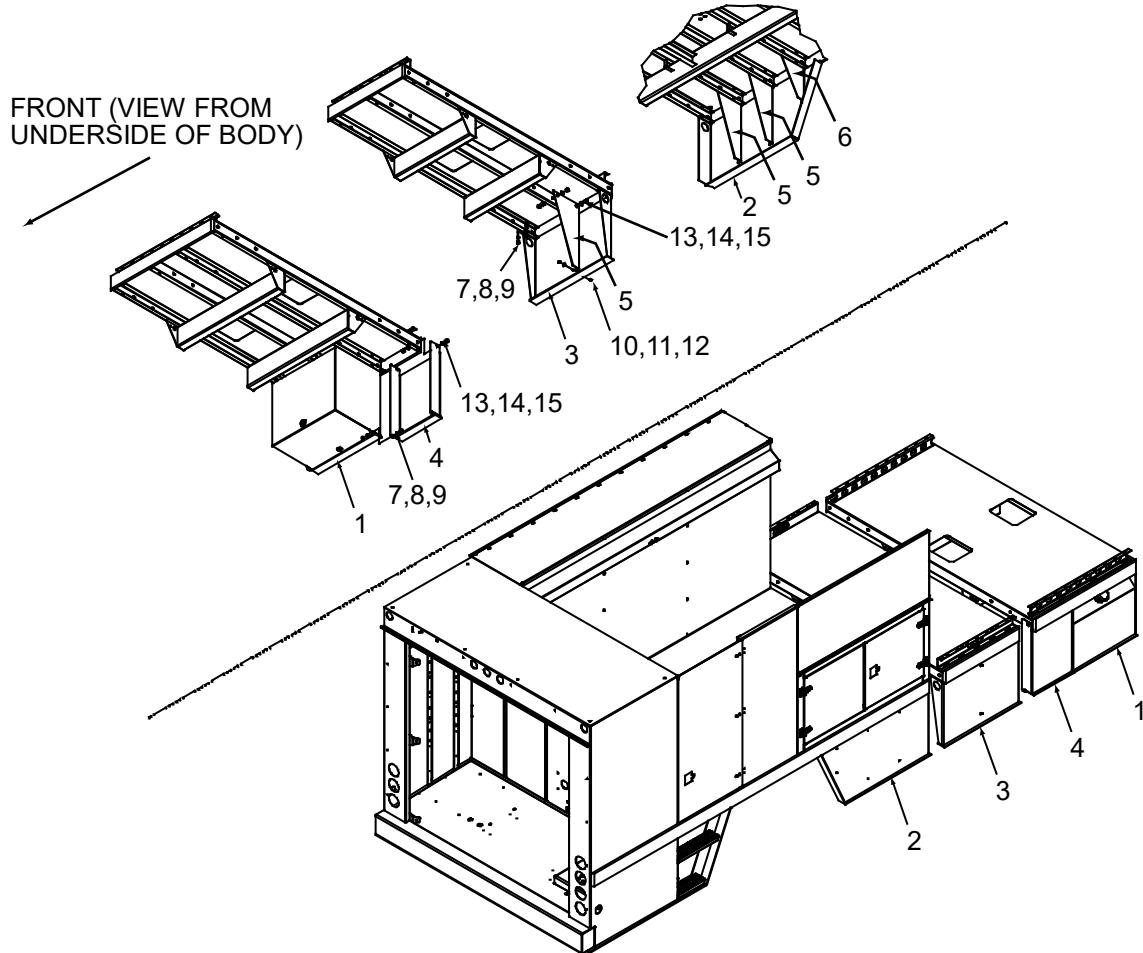
Installation Kit, Nozzle Drip Channel (Kit 51720598 / Dwg. 99904086)



51720598 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52718805	DRIP TUBE-SITESTAR NOZZLE	1
2.	72534405	PLUG-PIPE SOC HEX STL 1.00	1
3.	72531835	REDUCER BUSH-STL 1.00-.50	1
4.	72531830	REDUCER BUSH-STL .50-.25	1
5.	72053459	NIPPLE-BARB BRS .25MPT .25	1
6.	89392146	HOSE-GP .25X250 WP GRAY 801-4	1
7.	72066452	CLAMP-HOSE .25-.62 SAE 4 SS	1
8.	72601590	CAP SCR-SS .31-18X1.00 TRH PHH	3
9.	72063002	WASHER .31 FLAT	3
10.	72062109	NUT .31-18 HEX NYLOCK	3
NEW 20060920			

Skirt Assemblies (99904070)



99904070 PARTS LIST

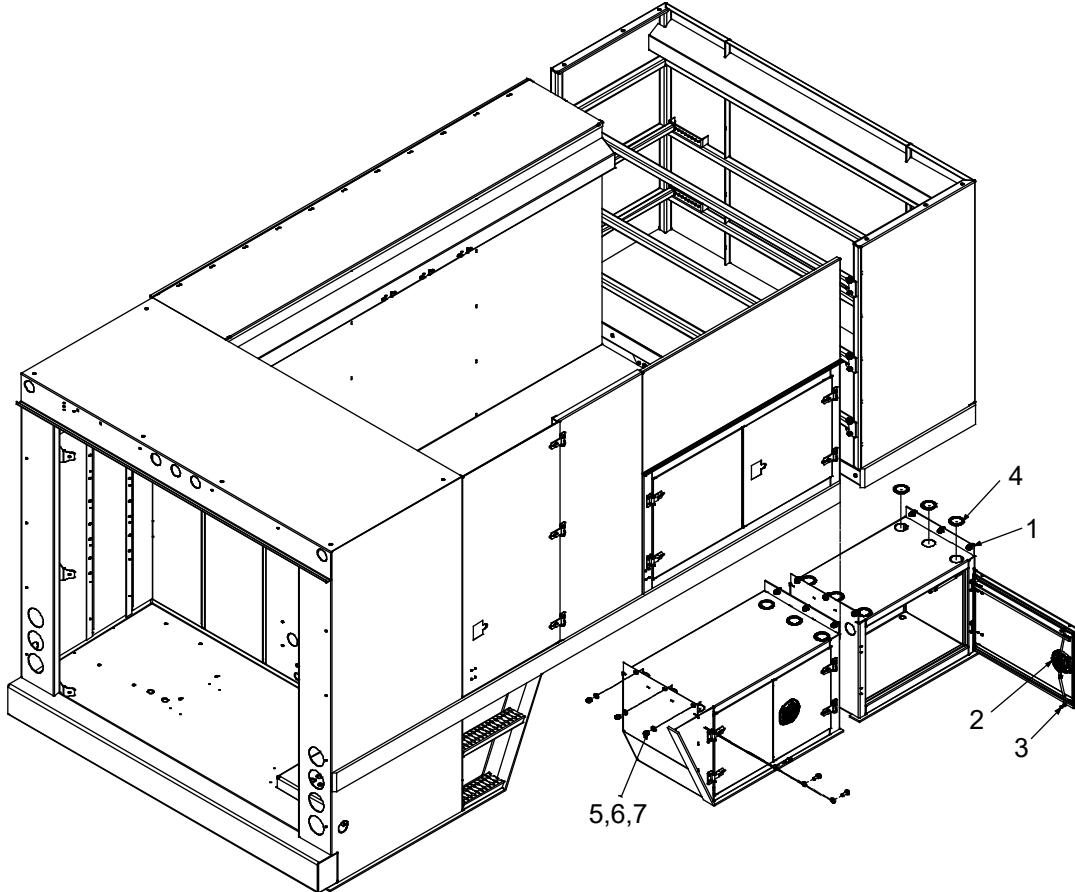
ITEM	PART #	DESCRIPTION	QUANTITY
1.	52719641	RESERVOIR-WELDMENT 62.00 GAL	REF
2.	SEE CHART	SKIRT WELDMENT - MAIN PLATFORM	A/R
3.	SEE CHART	SKIRT WELDMENT - 35" AUX PLATFORM	A/R
4.	SEE CHART	SKIRT WELDMENT - 47" AUX PLATFORM	A/R
5.	60129223	GUSSET - SKIRT SUPPORT CURBSIDE	A/R
5.	60129225	GUSSET - SKIRT SUPPORT STREETSIDE	A/R
6.	60129224	GUSSET - SKIRT SUPPORT CURBSIDE	A/R
6.	60129226	GUSSET - SKIRT SUPPORT STREETSIDE	A/R
7.	72060002	CAP SCR 1/4-20 X 3/4 HHGR5Z	A/R
8.	72063001	WASHER 1/4 FLAT	A/R
9.	72062104	NUT 1/4-20 HEX NYLOC	A/R
10.	72601652	SCR-MACH 1/4-20 X 3/4 TRHTORXSS	A/R
11.	72063183	WASHER-1/4 SS W MS811 FLAT 18-8	A/R
12.	72062194	NUT-SS 1/4-20 NYLOC	A/R
13.	72060091	CAP SCR 1/2-13 X 1 HHGR5Z	A/R
14.	72063005	WASHER 1/2 FLAT	A/R

99904070 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
15.	72062080	NUT 1/2-13 HEX NYLOC	A/R
REV A	20070320		

ASSEMBLY CHART

ITEM	KIT	WELDMENT	DESCRIPTION
2	51719902	52719907	SKIRT ASSM - LUBE MAIN PLATFORM CS
	51720076	52720075	SKIRT ASSM - LUBE MAIN PLATFORM SS
	51719901	52719908	SKIRT ASSM - LUBE MAIN PLATFORM SS W/RES
	51720037	52720038	SKIRT ASSM - LUBE MAIN PLATFORM CS W/RES
3	51719903	52719905	SKIRT ASSM - LUBE 35W PLAT SQ SS
	51719904	52719905	SKIRT ASSM - LUBE 35W PLAT SQ CS
	51720108	52720106	SKIRT ASSM - LUBE 35W PLAT TPR SS
	51720109	52720107	SKIRT ASSM - LUBE 35W PLAT TPR CS
	51720857	52720858	SKIRT ASSM - LUBE 35W PLAT TPR CS W/RES
	51720542	52720503	SKIRT ASSM - LUBE 35W PLAT SQ W/RES
4	51720343	52720342	SKIRT ASSM - LUBE 47W PLAT SQ SS
	51720344	52720342	SKIRT ASSM - LUBE 47W PLAT SQ CS
	51720535	52720537	SKIRT ASSM - LUBE 47W PLAT TPR SS
	51720534	52720536	SKIRT ASSM - LUBE 47W PLAT TPR CS
	51720859	52720860	SKIRT ASSM - LUBE 47W PLAT TPR CS W/RES
	51720543	52720515	SKIRT ASSM - LUBE 47W PLAT SQ W/RES
LEGEND:		CS	CURBSIDE
		SS	STREETSIDE
		SQ	SQUARED OFF, TYPICALLY FOR SINGLE AXLE
		TPR	TAPERED SKIRT, TYPICALLY FOR TANDEM AXLE
		RES	RESERVOIR

Installation Kit, Under Deck Toolbox (99903917)



NOTE:

1 Quantities listed are per toolbox.

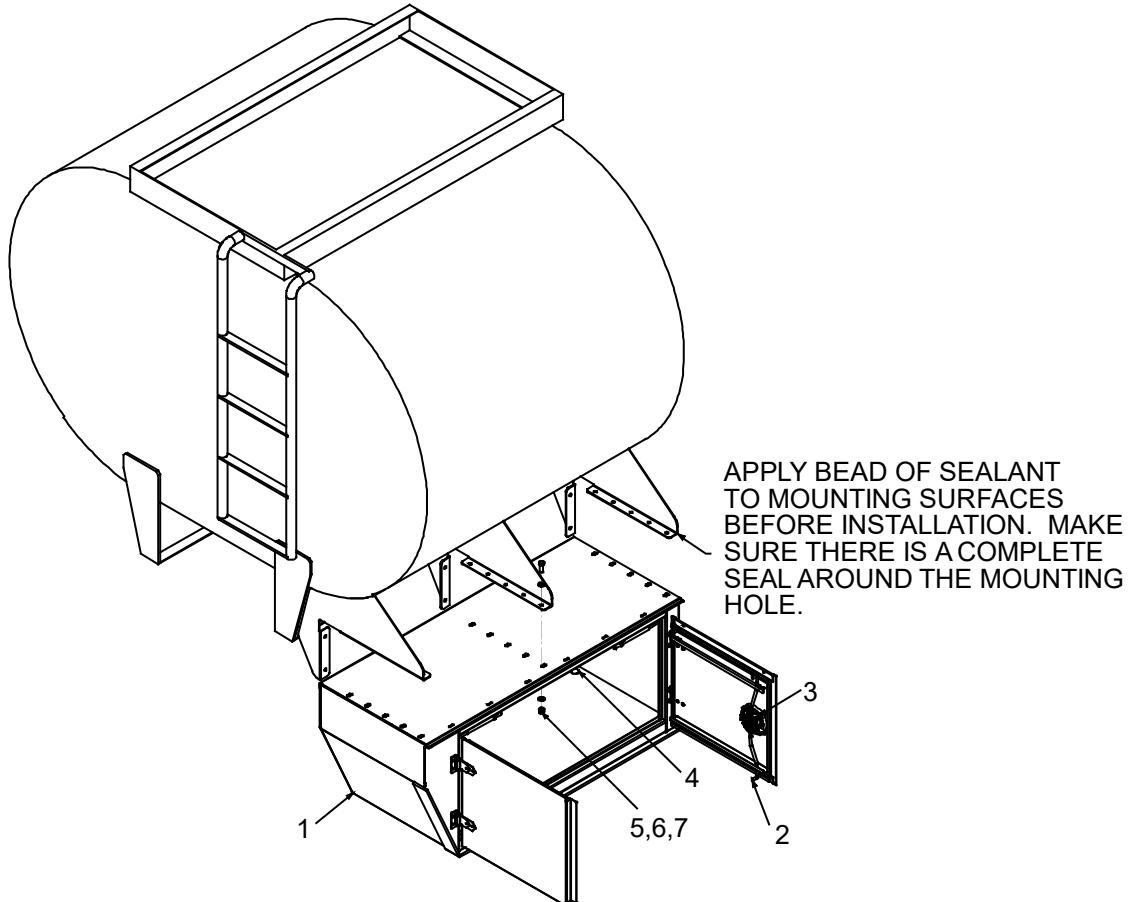
If a second auxiliary platform of any type is installed ahead of the first auxiliary section, it will use the underbody toolbox labeled for single axle applications.

99903917 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	SEE CHART	UNDERBODY TOOLBOX WELDMENT (INCLUDES DOOR, HINGES, ETC.)	1
2.	72661599	LATCH ASSEMBLY	1
3.	60129276	ROD-DOOR 9.19 LG 3/4" OFFSET	2
4.	70395334	PLUG-PLASTIC BUTTON 2.75	6
5.	72063005	WASHER 0.50 FLAT	12
6.	72060093	CAP SCR .50-13 X 1.5 HHGR5Z (WAS 72060092)	6
7.	72062080	NUT .50-13 HEX NYLOCK	6
8.	89393637	WEATHERSTRIP-.50 X .50 TRIM-LOC (WAS 89393607)	A/R
REV. C 20080606			

WELDMENT	KIT	DESCRIPTION
52720473	51720474	UBTB WELDMENT 35" W - AUX PLATFORM - CURBSIDE - SINGLE AXLE
52720486	51720484	UBTB WELDMENT 35" W - AUX PLATFORM - CURBSIDE - TANDEM AXLE
52719997	51719999	UBTB WELDMENT 35" W - AUX PLATFORM - STREETSIDE - SINGLE AXLE
52720487	51720485	UBTB WELDMENT 35" W - AUX PLATFORM - STREETSIDE - TANDEM AXLE
52720026	51720030	UBTB WELDMENT 43" W - MAIN PLATFORM - CURBSIDE
52720039	51720039	UBTB WELDMENT 43" W - MAIN PLATFORM - STREETSIDE
52720478	51720476	UBTB WELDMENT 47" W - AUX PLATFORM - CURBSIDE - TANDEM AXLE
52720477	51720475	UBTB WELDMENT 47" W - AUX PLATFORM - SINGLE AXLE
52720483	51720482	UBTB WELDMENT 47" W - AUX PLATFORM - STREETSIDE - TANDEM AXLE
52720826	51720827	UBTB WELDMENT 58" W - ENCLOSED PLATFORM-CURBSIDE W/RESERVOIR
52720789	51720790	UBTB WELDMENT 87" W ENCLOSED PLATFORM-STREETSIDE

Installation Kit, Fuel Tank Underbody Toolbox (99904164)



99904164 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	SEE CHART	UNDERBODY TOOLBOX WELDMENT	A/R
2.	60128488	DOOR ROD, 9.25 LONG WITH 3/4" OFFSET	A/R
3.	72661599	LATCH ASSEMBLY	A/R
4.	70034366	PLUG-PLASTIC BUTTON	A/R
5.	72062080	NUT 0.50-13 HEX NYLOC	A/R
6.	72060093	CAP SCR 1/2-13 X 1-1/2 HHGR5Z	A/R
7.	72063005	WASHER 0.50 FLAT	A/R
8.	89393637	WEATHERSTRIP 1/2 X 1/2 TRIM-LOC (WAS 89393607)	A/R
REV. B 20080606			

UNDERBODY TOOLBOX WELDMENT CHART		
KIT #	WELDMENT	DESCRIPTION
51720332	52720301	UNDERBODY TOOLBOX WELDMENT 25" H X 24" D X 96" W RH 2000G TANDEM
51720331	52720300	UNDERBODY TOOLBOX WELDMENT 25" H X 24" D X 96" W LH 2000G TANDEM
51720788	52719848	UNDERBODY TOOLBOX WELDMENT 25" H X 24" D X 87.35" W RH 1800 TANDEM
51720787	52719847	UNDERBODY TOOLBOX WELDMENT 25" H X 24" D X 87.35" W LH 1800 TANDEM
51721142	52721144	UNDERBODY TOOLBOX WELDMENT 25" H X 24" D X 72" W RH 1500G TANDEM
51721141	52721143	UNDERBODY TOOLBOX WELDMENT 25" H X 24" D X 72" W LH 1500G TANDEM
51720334	52720336	UNDERBODY TOOLBOX WELDMENT 25" H X 24" D X 58" W RH 1200G TANDEM
51720333	52720335	UNDERBODY TOOLBOX WELDMENT 25" H X 24" D X 58" W LH 1200G TANDEM
51720552	52720502	UNDERBODY TOOLBOX WELDMENT 25" H X 24" D X 48" W RH 1000G TANDEM
51720553	52720501	UNDERBODY TOOLBOX WELDMENT 25" H X 24" D X 48" W LH 1000G TANDEM

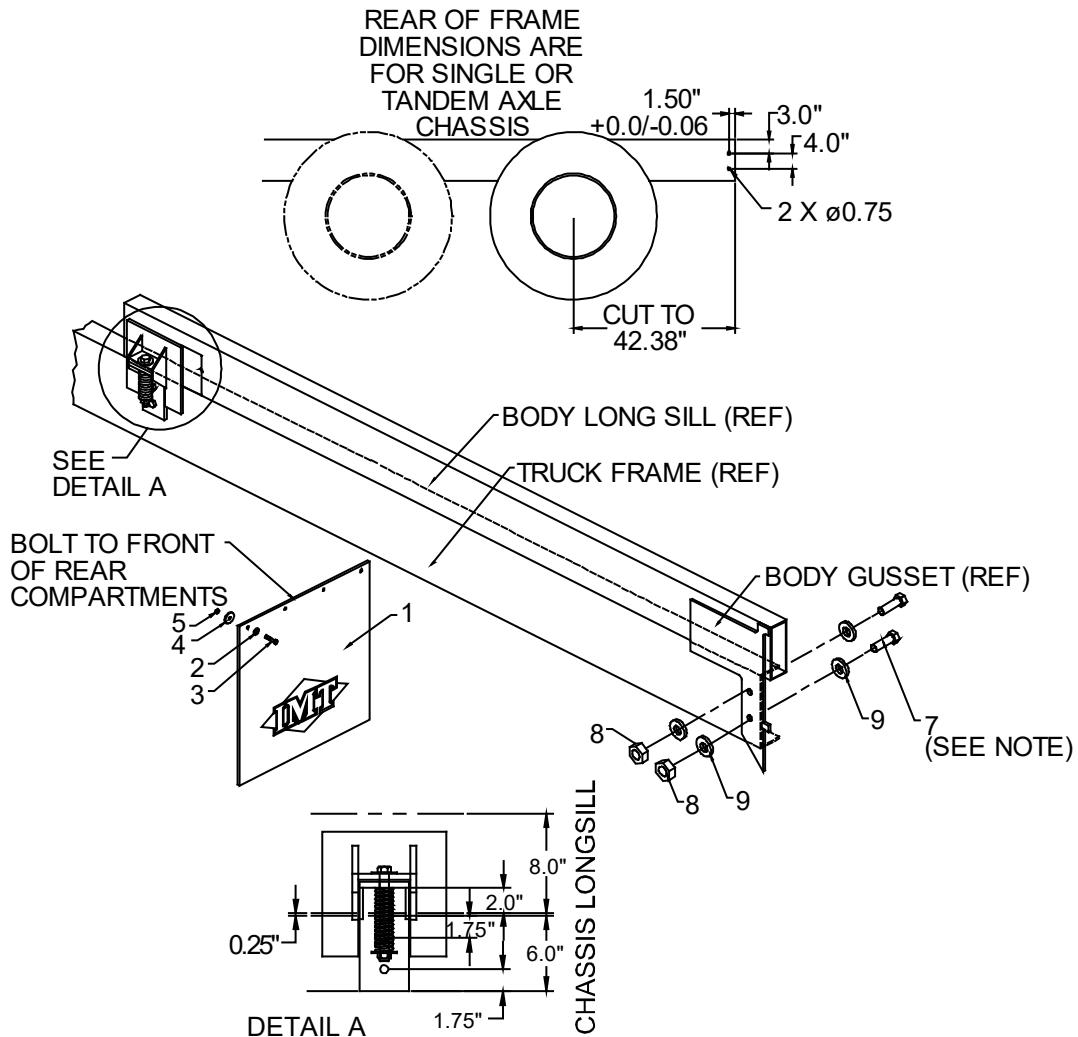
CHAPTER 3

Installation

In This Chapter

Installation Kit, Lube Body (Kit 93720365, Dwg 99904018)	52
Installation Kit, Oval Fuel Tank (99904252)	53
Tie-Down Kit (51709866).....	55
Installation Drawing, Auxiliary Platforms (Kit 93720345 / Dwg 99903913)	56

Installation Kit, Lube Body (Kit 93720365, Dwg 99904018)



NOTES:

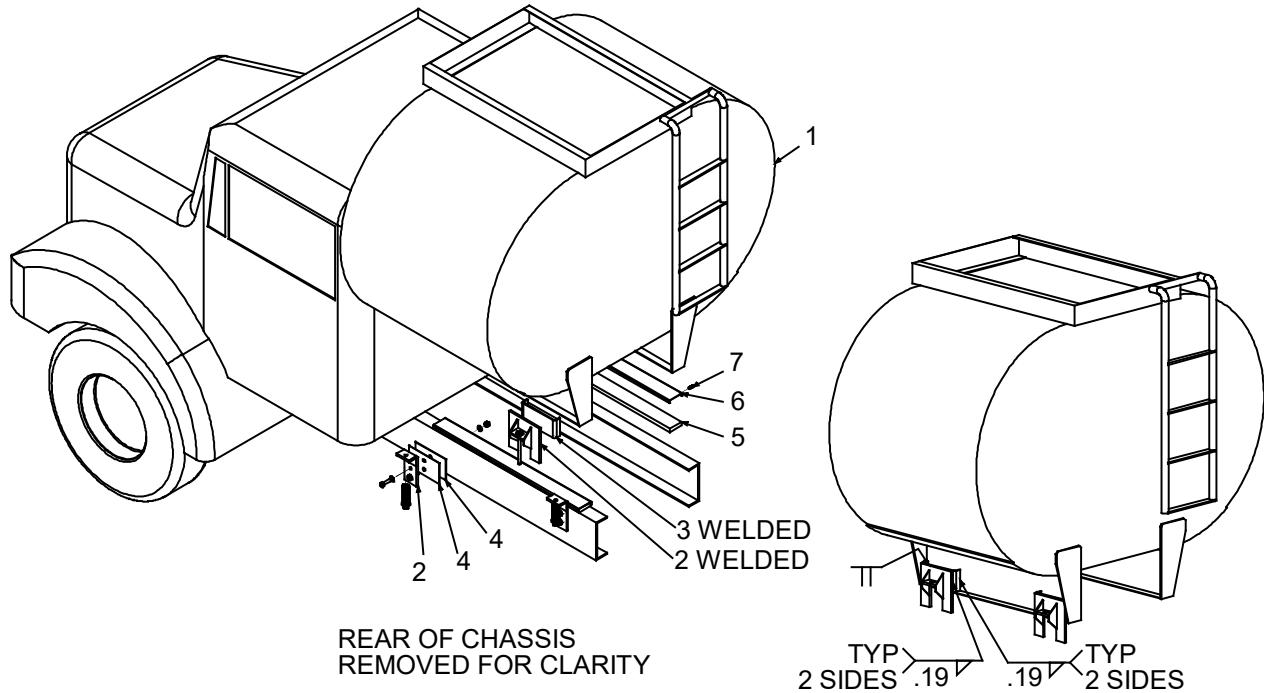
- FOR REAR END, USE GRADE 8 FASTENERS. TORQUE VALUE - 375 FT-LB (PLAIN) OR 280 FT-LB (PLATED). WHEN USING A TORQUE WRENCH, ALWAYS HOLD THE BOLT AND APPLY TORQUE TO THE NUT. BOLTS MAY PASS THROUGH FRAME IN EITHER DIRECTION.

ALL CHASSIS FRAME HOLES MUST BE DRILLED THE SAME SIZE AS THE BOLTS USED.

99904018 PARTS LIST (FOR MOUNTING KIT 93720365)			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	76393799	MUP FLAP W/LOGO	2
2.	72063001	WASHER 1/4 WRT	6
3.	72060025	CAP SCREW 5/16-18x1 HHGR5	6
4.	72063078	WASHER 5/16X1.62 OD	6
5.	72062109	NUT 5/16-18 LOCK	6
6.	51709866	TIE DOWN KIT (WAS 4)	2

99904018 PARTS LIST (FOR MOUNTING KIT 93720365)			
ITEM	PART #	DESCRIPTION	QUANTITY
7.	72060207	CAP SCREW 3/4-10x3 HHGR8	4
8.	72601862	NUT 3/4-10 HEX ZINC NYLOC GR8 (WAS 72062272)	4
9.	72053116	WASHER 3/4 HARD FLAT (WAS 4)	8
10.	70393249	PLACARD-PATENT MOBILE LUBE	3
REV. B 20070209			

Installation Kit, Oval Fuel Tank (99904252)



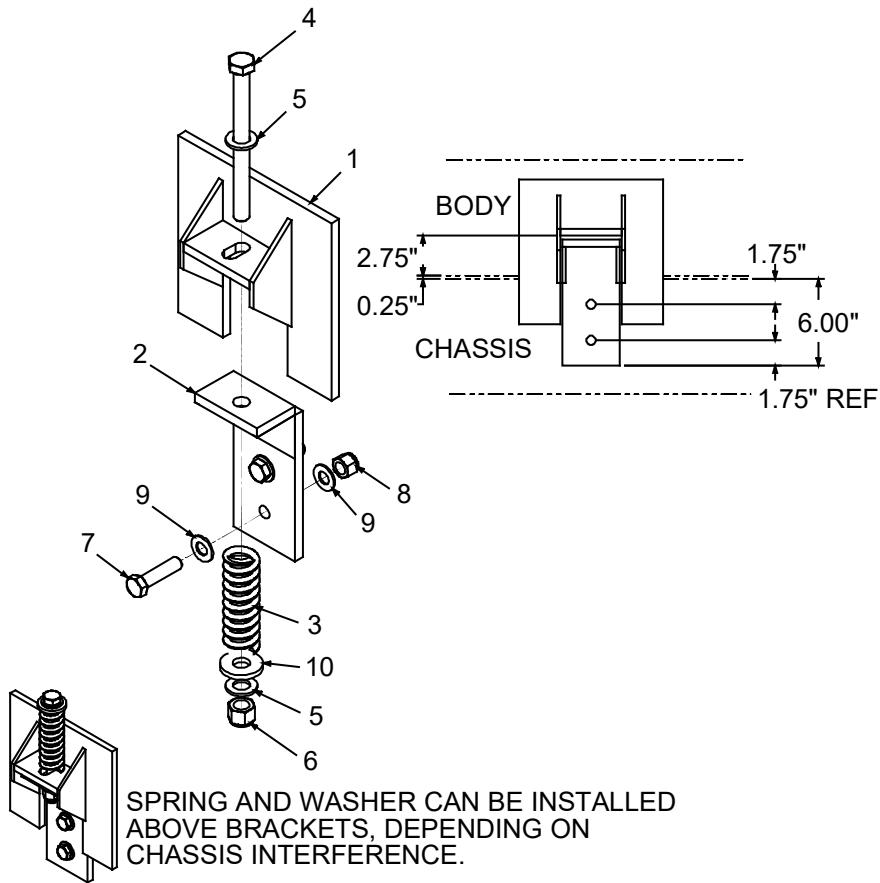
NOTES:

- 1 REFERENCE TIE-DOWN KIT DRAWING 51709866 FOR PLACEMENT OF SPRING BRACKETRY.
- POSITION ITEM #3, FORMED CHANNEL, AS CLOSE TO CORNERS AS POSSIBLE, BASED ON CHASSIS INTERFERENCE.
- WELD STRUCTURAL COMPONENTS IN ACCORDANCE WITH ANSI/AWS D14.3 WELDING SPECIFICATIONS.

99904252 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	VARIOUS	TANK-FUEL	1
2.	51709866	TIE DOWN KIT-LUBE SPRING MOUNT	4
3.	60113389	CHANNEL-FORM 1.88X11.00X 5.00	4
4.	60117408	SHIM-BODY MTG 10GA G90U 6.00X10.00 LUBE	A/R
5.	76392567	RUBBER-1.00X 4.00WX16 FT LG	A/R
6.	60117411	CHANNEL-SPACER OVAL TANK 72in LG	A/R
6.	60117410	CHANNEL-SPACER OVAL TANK 60in LG	A/R
6.	60117409	CHANNEL-SPACER OVAL TANK 48in LG	A/R
7.	72061739	SCR-TEK 12-14X 1.00 HWH 3 PT	A/R
NEW 20070523			

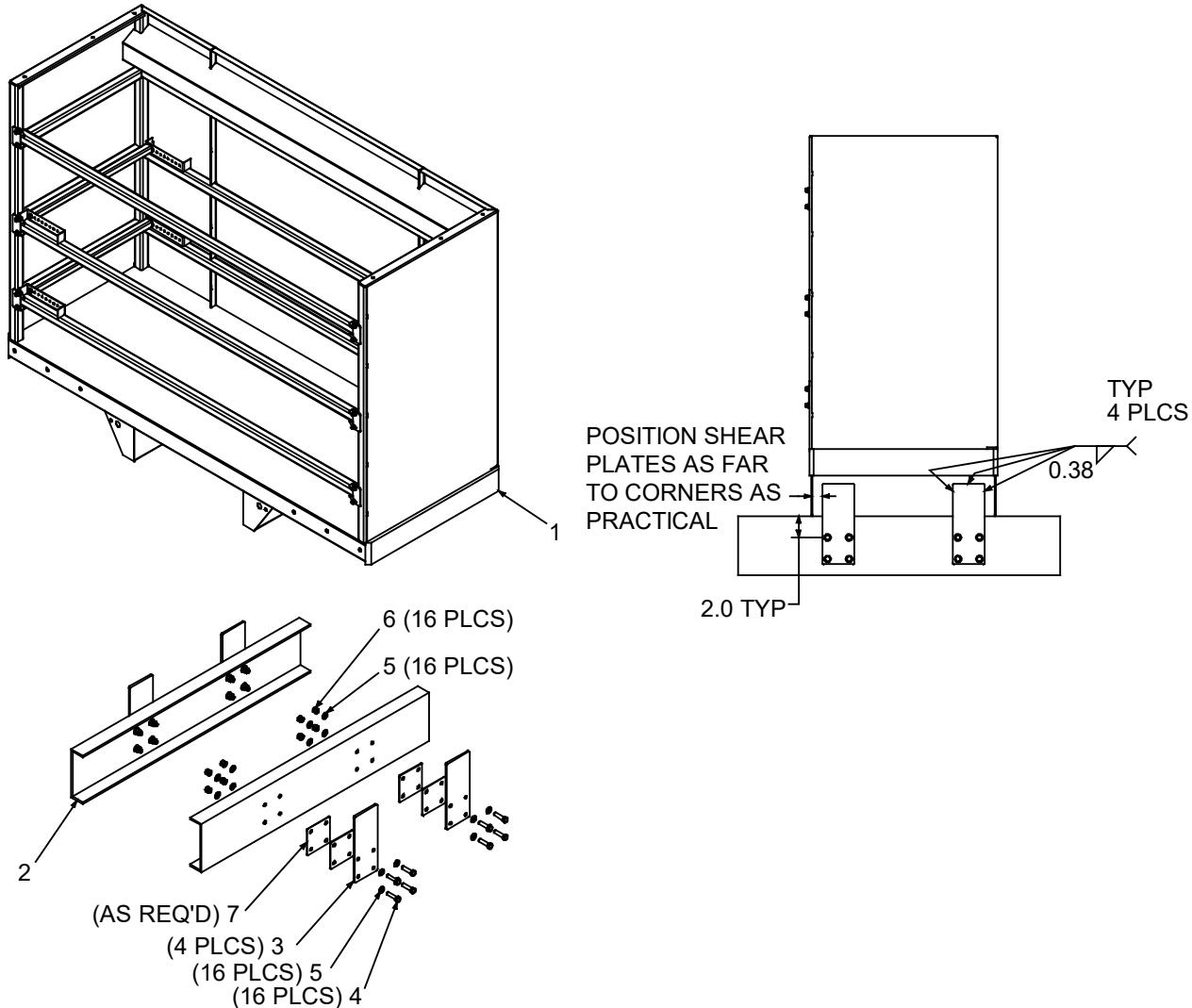
Tie-Down Kit (51709866)



51709866 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52709865	MOUNTING BRACKET-TIE DOWN TOP	1
2.	52709864	MOUNTING BRACKET-TIE DOWN BOTTOM	1
3.	70141935	SPRING-1.00 ID X1.75 OD X 5.50	1
4.	72060198	CAP SCR .75-10X 8.50 HH GR5 Z	1
5.	72063008	WASHER .75 FLAT	2
6.	72062114	NUT .75-10 HEX NYLOCK	1
7.	72060153	CAP SCR .62-11X 2.50 HH GR5ZC	2
8.	72062091	NUT .62-11 HEX NYLOCK	2
9.	72063007	WASHER .62 FLAT	4
10.	60131259	WASHER-TIE DOWN	1
NEW 20070214			

Installation Drawing, Auxiliary Platforms (Kit 93720345 / Dwg 99903913)



99903913 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	51719892	SITESTAR LUBE PLATFORM	REF
	52720231	SITESTAR AUX FUEL PLATFORM, 480 GALLONS	REF
	52720330	SITESTAR AUX FUEL PLATFORM, 800 GALLONS	REF
2.	REF	CHASSIS FRAME	1
3.	60134724	PLATE-.38 X 6.00 X 15.00 W/HOLES	4
4.	72601482	CAP SCR .62-11X 2.50 HH GR8 Z	16
5.	72063119	WASHER .62 FLAT ASTM F436	32
6.	72601859	NUT .62-11 HEX ZINC NYLOK GR8	16
7.	60127743	SHEET-10GA X 6.00 X 6.00 W/HOLES	8
REV. B 20090914			

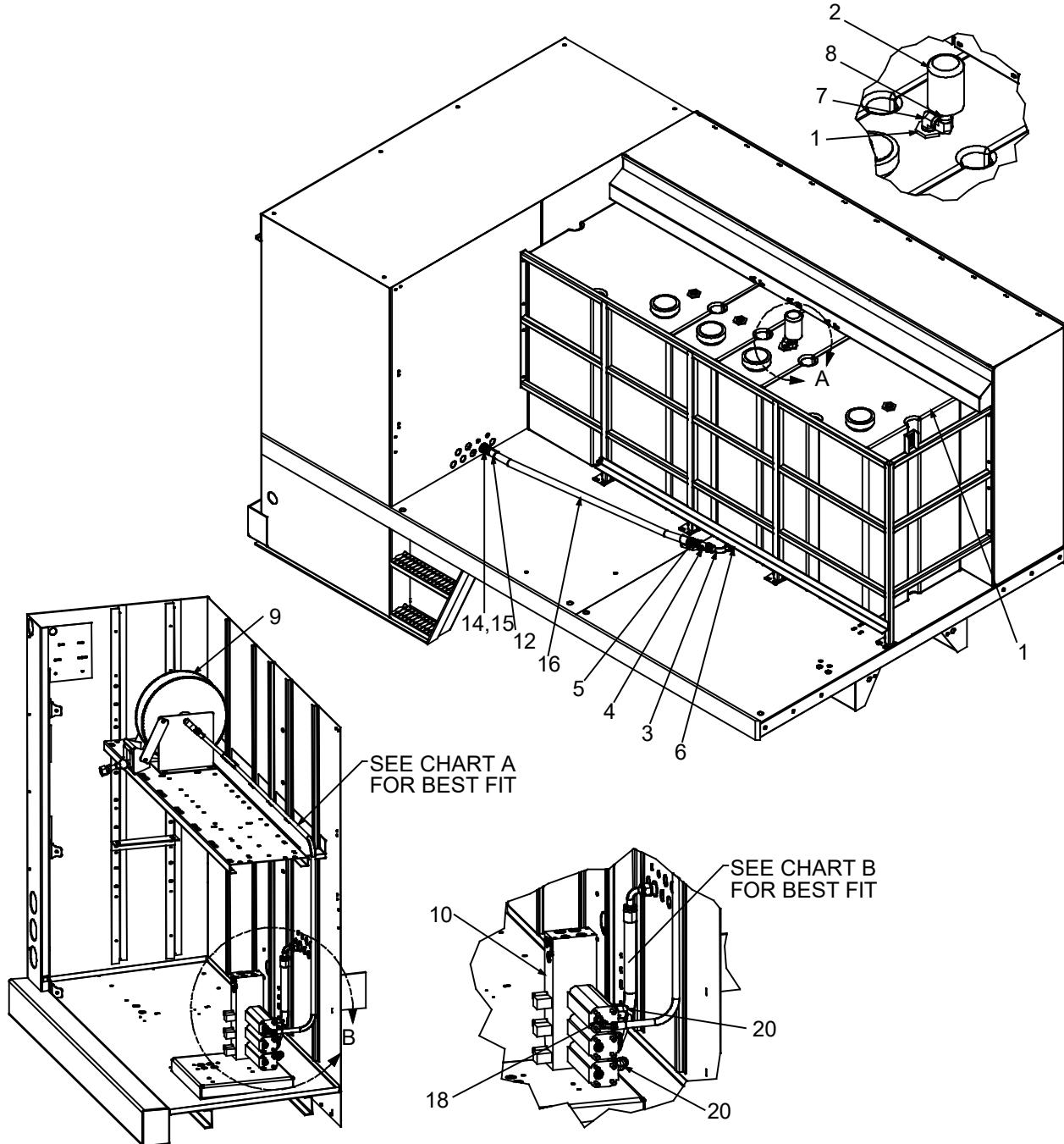
CHAPTER 4

System Installation

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Installation Kit, Oil System (51720555) (Eff. 1-2007)

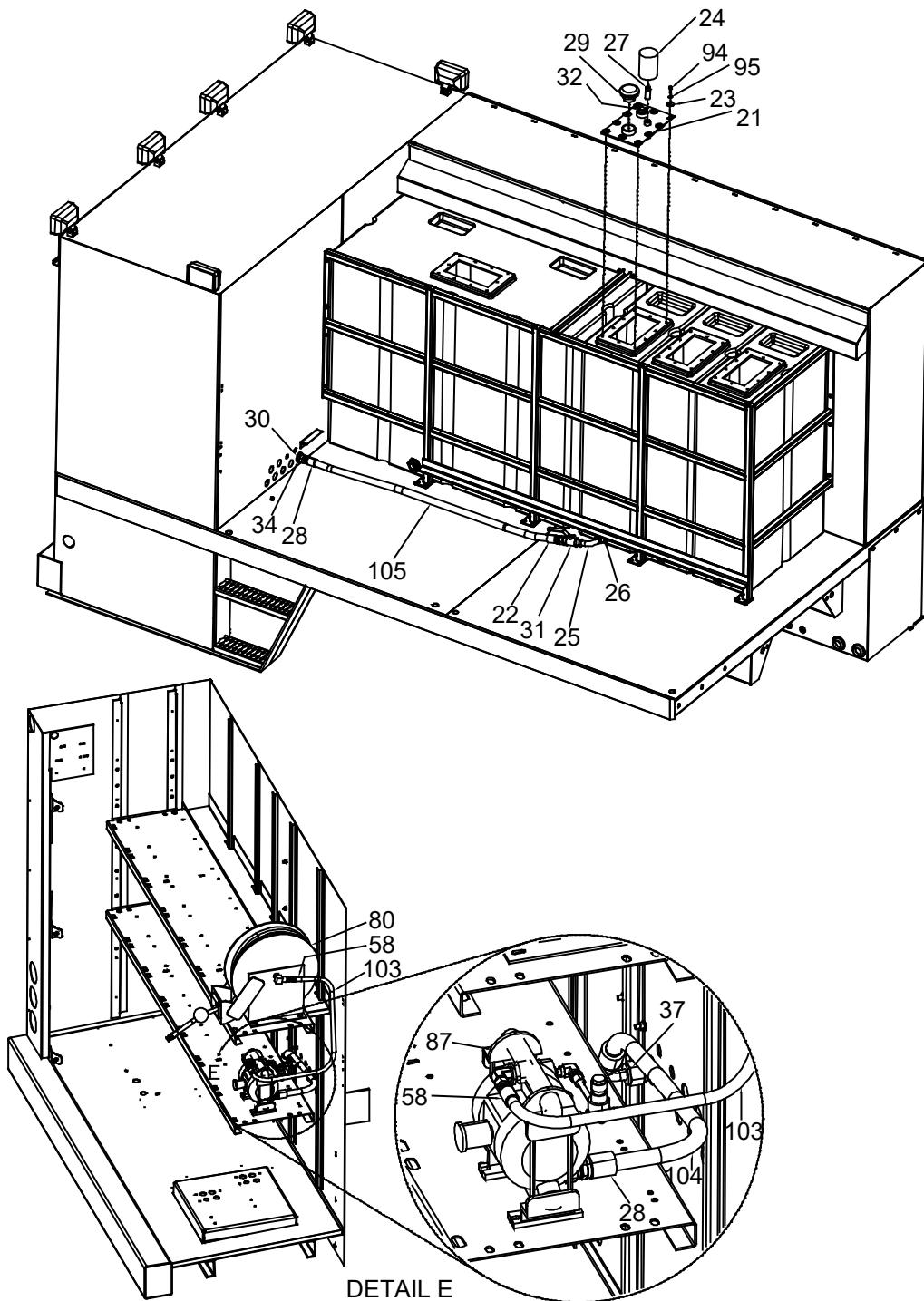


51720555 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	REF	TANK-POLY W/CAP	REF
2.	73054974	FILTER-BREATHER OIL RESERVOIR	1
3.	71412574	ELBOW-MPT/90/F JIC 1.00 16 SWEEP	REF
3.	70145281	ELBOW-MPT/75/F JIC 1.00 16 SWEEP	REF
4.	73054378	VALVE-BALL 1.00	1

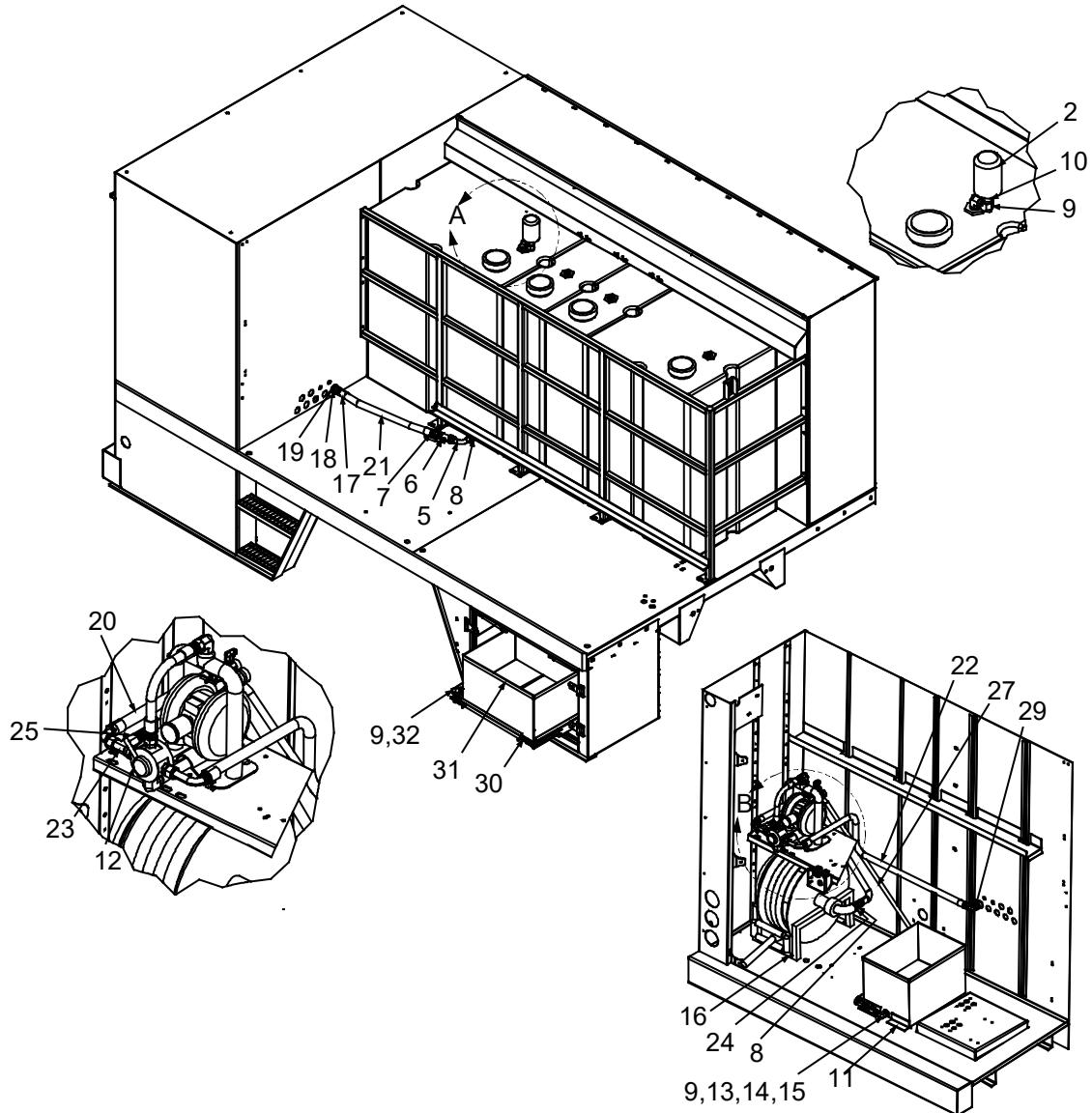
51720555 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
5.	72533483	HOSE FTG-TYPE C 16 1.00	1
6.	72053680	ADPTR-MPT/M JIC 1.00 16	1
7.	72053556	ELBOW-STREET STL .75 X 90 DEG	2
8.	72533514	ADPTR-BREATHER FILTER OIL TANK	1
9.	70732311	REEL-.75X50ft	REF
9.	70732362	REEL-.50 X 50 (OIL)	REF
10.	REF	PUMP ASM-HYD LUBE MANIFOLD ASM	REF
11.	89396139	HOSE-HYD .75 100R2	AS REQUIRED
11.	89394585	HOSE-HYD .50 100R2	AS REQUIRED
12.	72533386	HOSE FTG-TYPE F 16 1.00	1
14.	72533015	UNION-BULKHEAD JIC 16 (1 5/16-12)	1
15.	72063066	WASHER 1.00 FLAT HI STR	2
16.	89393811	HOSE-HYD 1.00 100R4	AS REQUIRED
18.	72532364	ADPTR-M STR/M JIC 8 12	AS REQUIRED
18.	72533003	ADPTR-M STR/M JIC XLG 8 8	AS REQUIRED
20.	72053770	ELBOW-M STR/90/M JIC 16 16	AS REQUIRED
20.	72534442	ELBOW-M STR/45/M JIC 16 16	AS REQUIRED
20.	72532370	ADPTR-M STR/M JIC 16 16	AS REQUIRED
REV. A 20090107			

Installation Kit, Oil System (51719909) (Thru 12-2006)



51719909 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
21.	52716745	PM LUBE-WLDMT OIL SALV TANK PLATE	
22.	72533483	HOSE FTG-TYPE C 16 1.00	
23.	72063078	WASHER .31X1.50 OD ZINC	
24.	73054974	FILTER-BREATHER OIL RESERVOIR	
25.	70145281	ELBOW-MPT/75/F JIC 1.00 16 SWEEP (MAIN PLATFORM)	
	71412574	ELBOW-MPT/90/F JIC 1.00 16 SWEEP (AUX PLATFORM)	
26.	72053680	ADPTR-MPT/M JIC 1.00 16	
27.	72533514	ADPTR-BREATHER FILTER OIL TANK	
28.	72533386	HOSE FTG-TYPE F 16 1.00 PARK	
29.	70732184	FILL NECK ASM-VENTED CAP 2in 50	
30.	72063066	WASHER 1.00 HI STR ZINC YELLOW	
31.	73054378	VALVE-BALL 1.00	
32.	72053418	PLUG-PIPE SQ HD BLK 1.50	
34.	72533015	UNION-BULKHEAD JIC 16 (1 5/16-12)	
37.	72533388	HOSE FTG-TYPE J 16 1.31 PARK	
39.	89393811	HOSE-HYD 1.00 100R4 881-16 PAR	
42.	72534442	ELBOW-M STR/45/M JIC 16 16	
49.	89393811	HOSE-HYD 1.00 100R4 881-16 PAR	
58.	72532975	HOSE FTG-TYPE F 8 .50 PARK	
80.	70732362	REEL	
83.	72533003	ADPTR-M STR/M JIC XLG 8 8	
84.	72532670	ELBOW-M JIC/45/F JIC 8 8	
85.	89394585	HOSE-HYD .50 100R2 451TC-8	
94.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	
95.	72063050	WASHER .31 LOCK ZINC	
REF	73734063	FITTING-1 INCH BULKHEAD, POLY TANKS	
REV. A 20060829			

Installation Kit, Salvage (51720556) (Eff. 1-2007)

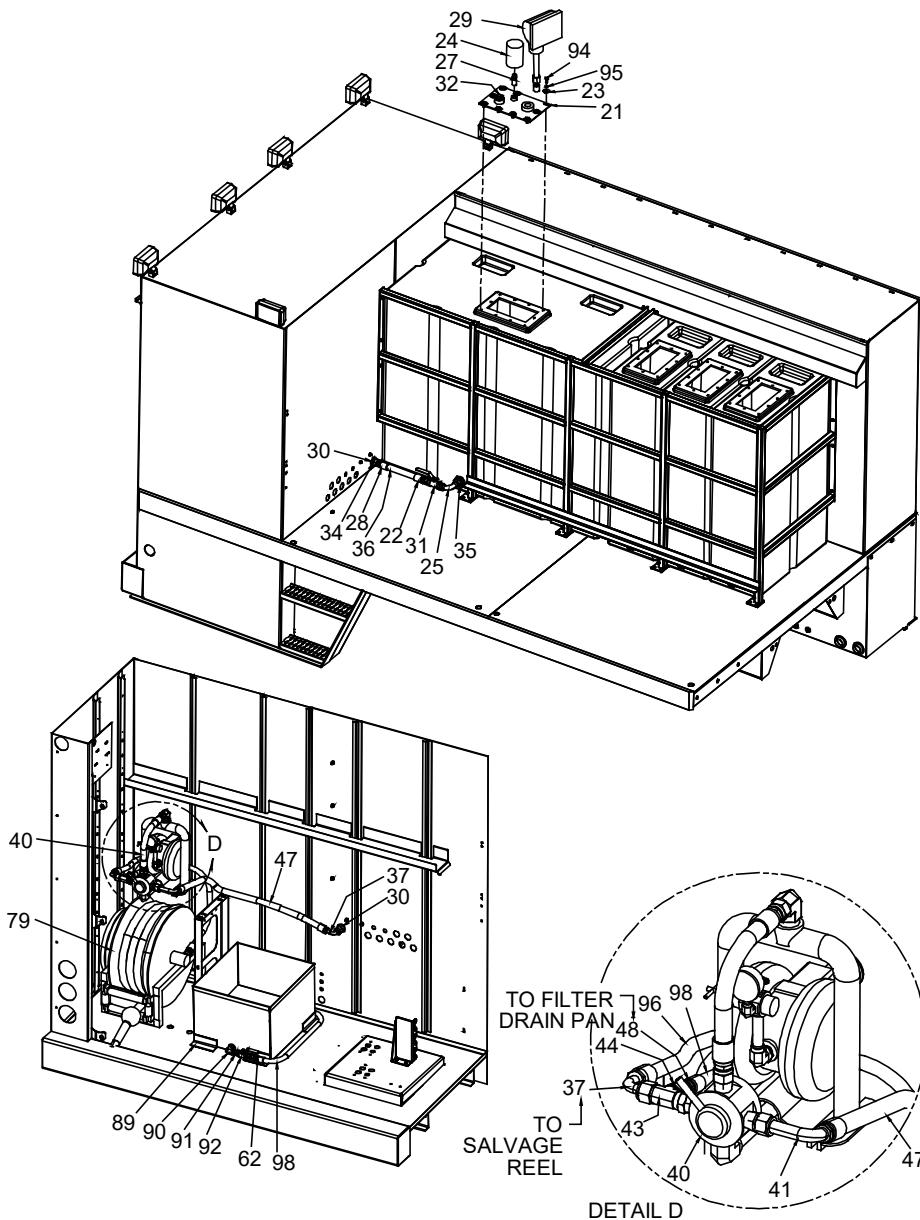


51720556 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	REF	TANK-POLY W/CAP	REF
2.	73054974	FILTER-BREATHER OIL RESERVOIR	1
5.	71412574	ELBOW-MPT/90/F JIC 1.00 16 SWEEP	REF
5.	70145281	ELBOW-MPT/75/F JIC 1.00 16 SWEEP	REF
6.	73054378	VALVE-BALL 1.00	1
7.	72533483	HOSE FTG-TYPE C 16 1.00	1
8.	72053680	ADPTR-MPT/M JIC 1.00 16	2
9.	72053556	ELBOW-STREET STL .75 X 90 DEG	A/R
10.	72533514	ADPTR-BREATHER FILTER OIL TANK	1
11.	52720439	DRAIN PAN-FILTER BOX 16.34WX21.53X15.08H	REF

51720556 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
12.	REF	PUMP ASM-SALVAGE SYSTEM	REF
13.	73054230	VALVE-BALL .75	REF
14.	72053558	ADPTR-MPT/HEX/MPT .75 .75	REF
15.	72053676	ADPTR-MPT/M JIC .75 12	REF
16.	70732996	REEL- 1.25X35ft SALV	REF
17.	72533386	HOSE FTG-TYPE F 16 1.00 PARK	1
18.	72533015	UNION-BULKHEAD JIC 16 (1 5/16-12)	1
19.	72063066	WASHER 1.00 FLAT HI STR	2
20.	51397001	HOSE-FZ 1.00 x 46.00 (16-16) 100R4	1
21.	89393811	HOSE-HYD 1.00 100R4 881-16 PAR	A/R
22.	51397000	HOSE-FZ 1.00 X 59.00 (16-16) 100R4	1
23.	72533000	TEE-SWVL NUT RUN JIC 16	1
24.	72531825	REDUCER BUSH-STL 1.50-1.00	REF
25.	72533028	ADPTR-M JIC/F JIC 12 16	1
27.	51397132	HOSE-FZ .75 X 106.00 (12-12) 100R4 (WAS 51376933)	1
29.	72532971	ELBOW-M JIC/90/F JIC SW 16 16	1
30.	51706903	TRAY ASM-ROLLOUT	REF
31.	52720352	DRAIN PAN-FILTER BOX	REF
32.	72532408	FAST FILL RECEIVER WITH CAP	REF
REV. E 20101216			

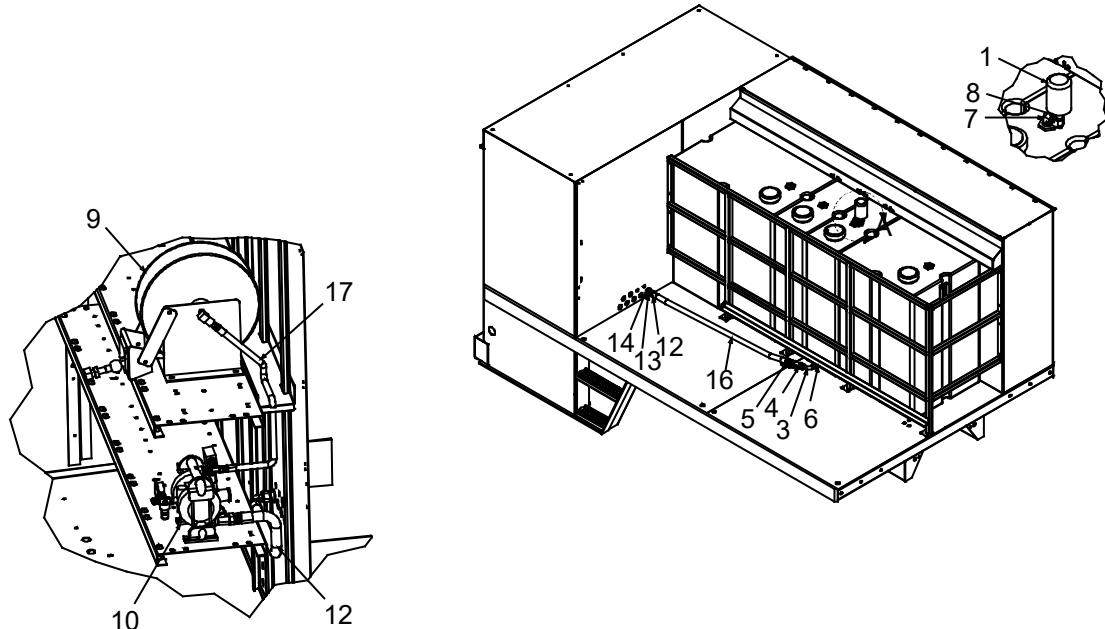
Installation Kit, Oil Salvage System (51719910) (Thru 12-2006)



51719910 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
21.	52716745	PM LUBE-WLDMT OIL SALV TANK PLATE	4
22.	72533483	HOSE FTG-TYPE C 16 1.00	4
23.	72063078	WASHER .31X1.50 OD ZINC	40
24.	73054974	FILTER-BREATHER OIL RESERVOIR	4
25.	70145281	ELBOW-MPT/75/F JIC 1.0 16 SWEEP (MAIN)	4
25.	71412574	ELBOW-MPT/90/F JIC 1.0 16 SWEEP (AUX)	4
27.	72533514	ADPTR-BREATHER FILTER OIL TANK	4
28.	72533386	HOSE FTG-TYPE F 16 1.00 PARK	8
29.	77040452	ALARM-TANK OVER FILL (WAS 70732184)	4
30.	72063066	WASHER 1.00 HI STR ZINC YELLOW	8
31.	73054378	VALVE-BALL 1.00	4
32.	72053418	PLUG-PIPE SQ HD BLK 1.50	4
34.	72533015	UNION-BULKHEAD JIC 16 (1 5/16-12)	4
35.	72053680	ADPTR-MPT/MJIC 1.00 16 (WAS 72531430)	1
36.	89393811	HOSE-HYD 1.00 100R4 881-16 PAR	3
37.	72533388	HOSE FTG-TYPE J 16 1.31 PARK	5
40.	51705363	PUMP ASM-SALVAGE SYSTEM (M-4)	1
41.	72534443	HOSE FTG-TYPE Z 16 1.00	1
43.	72533000	TEE-SWVL NUT RUN JIC 16	1
44.	72533029	NUT-JIC 37DEG FLR PAR29 06B-16	1
47.	89393811	HOSE-HYD 1.00 100R4 881-16 PAR	2
48.	72533741	HOSE FTG-TYPE F 12 .75 PARK	1
62.	72532976	HOSE FTG-TYPE F 12 .75 PARK	3
79.	51711922	HOSE REEL KIT-SALVAGE 1.25X35ft	1
89.	52720439	DRAIN PAN-FILTER BOX	1
90.	72053556	ELBOW-STREET STL .75 X 90 DEG	1
91.	72053558	ADPTR-MPT/HEX/MPT .75 .75	1
92.	73054230	VALVE-BALL .75	1
94.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	40
95.	72063050	WASHER .31 LOCK ZINC	36
96.	89393811	HOSE-HYD 1.00 100R4 881-16 PAR	1
98.	89393634	HOSE-HYD .75 100R4 881-12 PAR	1

REV. B 20060824

Installation Kit, Antifreeze System (51720557) (Eff. 1-2007)

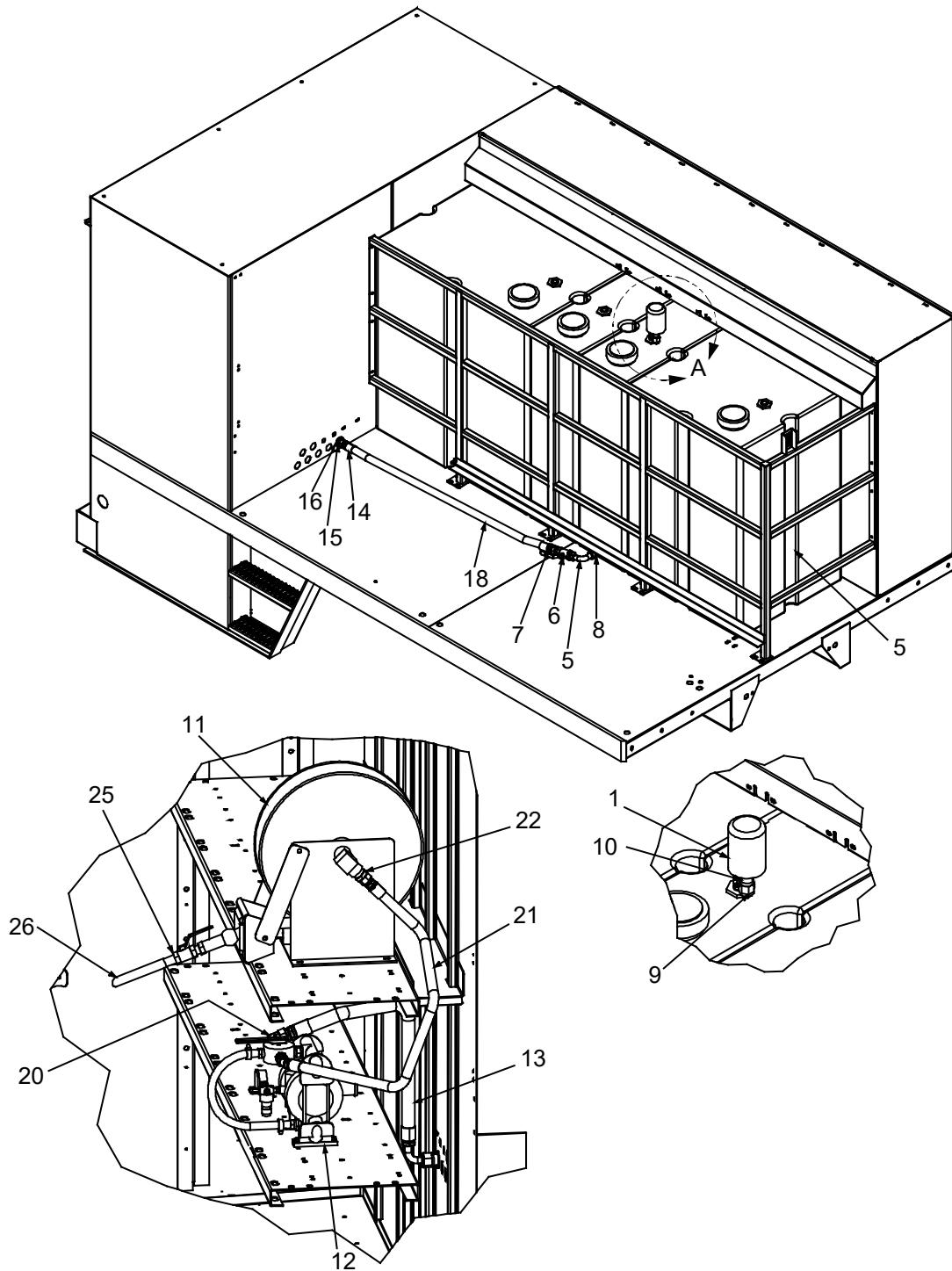


51720557 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	73054974	FILTER-BREATHER OIL RESERVOIR	1
2.	REF	TANK-POLY GAL W/CAP	REF
3.	71412574	ELBOW-MPT/90/F JIC 1.00 16 SWEEP	REF
3.	70145281	ELBOW-MPT/75/F JIC 1.00 16 SWEEP	REF
4.	73054378	VALVE-BALL 1.00	1
5.	72533483	HOSE FTG-TYPE C 16 1.00	1
6.	72053680	ADPTR-MPT/M JIC 1.00 16	1
7.	72053556	ELBOW-STREET STL .75 X 90 DEG	2
8.	72533514	ADPTR-BREATHER FILTER OIL TANK	1
9.	70732362	REEL-.50 X 50 (OIL)	REF
10.	REF	PUMP ASM-ANTIFREEZE W/RELIEF	REF
12.	51397006	HOSE-FJ 1.00 X 21.00 (16-16) 100R4	1
13.	72533015	UNION-BULKHEAD JIC 16 (1 5/16-12)	1
14.	72063066	WASHER 1.00 FLAT HI STR	2
16.	89393811	HOSE-HYD 1.00 100R4	A/R
17.	51397133	HOSE-FF .50 x 32.00 (8-8) 100R4 (WAS 51397008)	1
REV. B 20080606			

Installation Kit, Anti-Freeze Salvage System

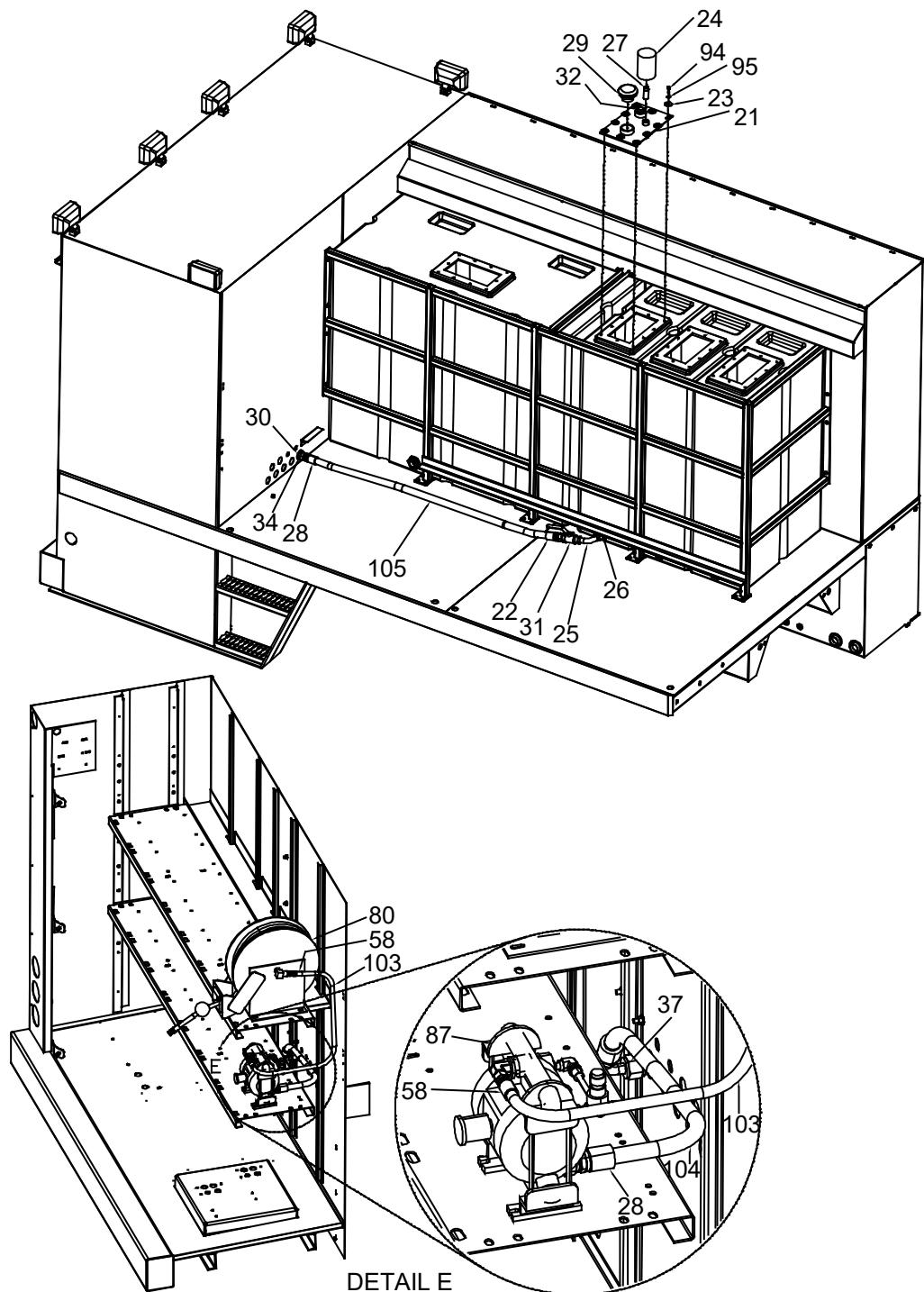
(51720691) (Eff. 1-2007)



51720691 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	73054974	FILTER-BREATHER OIL RESERVOIR	1
2.	REF	TANK-POLY GAL W/CAP	REF
5.	71412574	ELBOW-MPT/90/F JIC 1.00 16 SWEEP	REF
5.	70145281	ELBOW-MPT/75/F JIC 1.00 16 SWEEP	REF
6.	73054378	VALVE-BALL 1.00	1
7.	72533483	HOSE FTG-TYPE C 16 1.00	1
8.	72053680	ADPTR-MPT/M JIC 1.00 16	1
9.	72053556	ELBOW-STREET STL .75 X 90 DEG	2
10.	72533514	ADPTR-BREATHER FILTER OIL TANK	1
11.	70734184	HOSE REEL- .75 X 35' SUCTION/SALVAGE (WAS 70732362)	1
12.	REF	PUMP ASM-SALVAGE ANTFREEZE LUBE	REF
13.	51397015	HOSE-FJ 1.00 X 33.00 (16-16) 100R4 (WAS 51397006)	1
14.	72533386	HOSE FTG-TYPE F 16 1.00	1
15.	72533015	UNION-BULKHEAD JIC 16 (1 5/16-12)	1
16.	72063066	WASHER 1.00 FLAT HI STR	2
18.	89393811	HOSE-HYD 1.00 100R4	A/R
20.	72532971	ELBOW-M JIC/90/F JIC SW 16 16	1
21.	51397130	HOSE-FI .75 x 48.00 (12-12) 100R17 (WAS 51397008)	1
22.	72053677	ADAPTER - MPT/MJIC 1.00 12	1
25.	73054230	VALVE-BALL .75	1
26.	60131401	PIPE-AF SALV SUCTION 3/4	1
REV. E 20101217			

Installation Kit, Antifreeze/AF Salvage System

(51719978) (Thru 12-2006)

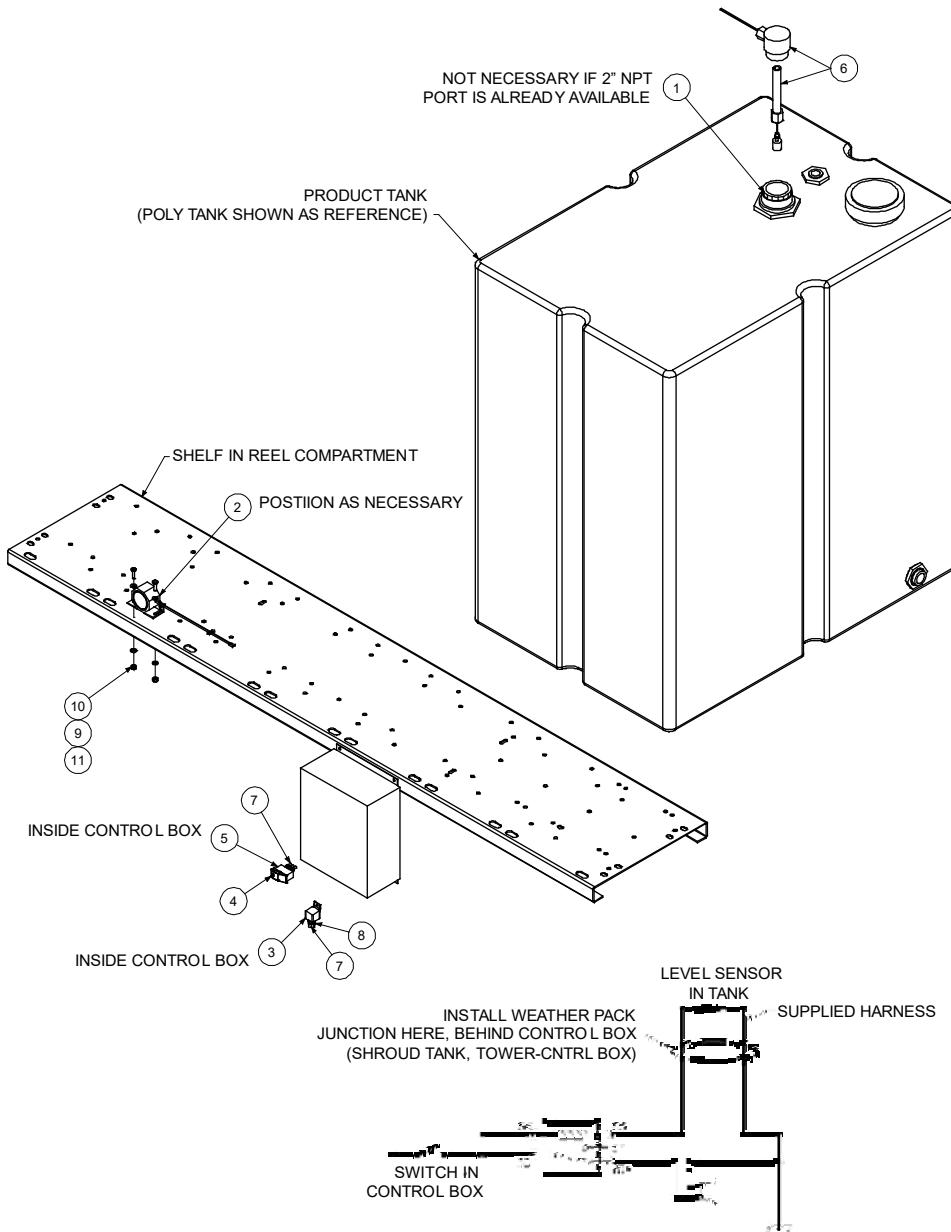


51719978 PARTS LIST

ITEM	PART #	DESCRIPTION
21.	52716745	PM LUBE-WELDMENT OIL SALV TANK PLATE
22.	72533483	HOSE FTG-TYPE C 16 1.00

23.	72063078	WASHER 0.31X1.50 OD ZINC
24.	73054974	FILTER-BREATHER OIL RESERVOIR
25.	70145281	ELBOW-MPT/75/F JIC 1.00 16 SWEEP (MAIN)
	71412574	ELBOW-MPT/90/F JIC 1.00 16 SWEEP (AUX)
26.	72053680	ADPTR-MPT/M JIC 1.00 16
27.	72533514	ADPTR-BREATHER FILTER OIL TANK
28.	72533386	HOSE FTG-TYPE F 16 1.00 PARK
29.	70732184	FILL NECK ASM-VENTED CAP
30.	72063066	WASHER 1.0 HI STR ZINC YELLOW
31.	73054378	VALVE-BALL 1.00
32.	72053418	PLUG-PIPE SQ HD BLK 1.5
34.	72533015	UNION-BULKHEAD JIC 20
37.	72533388	HOSE FTG-TYPE J 16 1.31 PARK
58.	72532975	HOSE FTG-TYPE F 8 0.50 PARK
80.	70732362	REEL
87.	51719893	PUMP ASM-ANTIFREEZE
	51720270	PUMP ASM-SALVAGE
94.	72060025	CAP SCR 0.31-18X1 HHGR5Z
95.	72063050	WASHER 0.31 LOCK ZINC
103.	89394585	HOSE-HYD 1/2 100R2
104.	89393811	HOSE-HYD 1.00 100R4
105.	89393811	HOSE-HYD 1.00 100R4
REV. A 20060829		

Installation Kit, Alarm System (99904548/93722071) (Eff 2-2009)



NOTES (SEE REFERENCE NUMBER IN BOX):

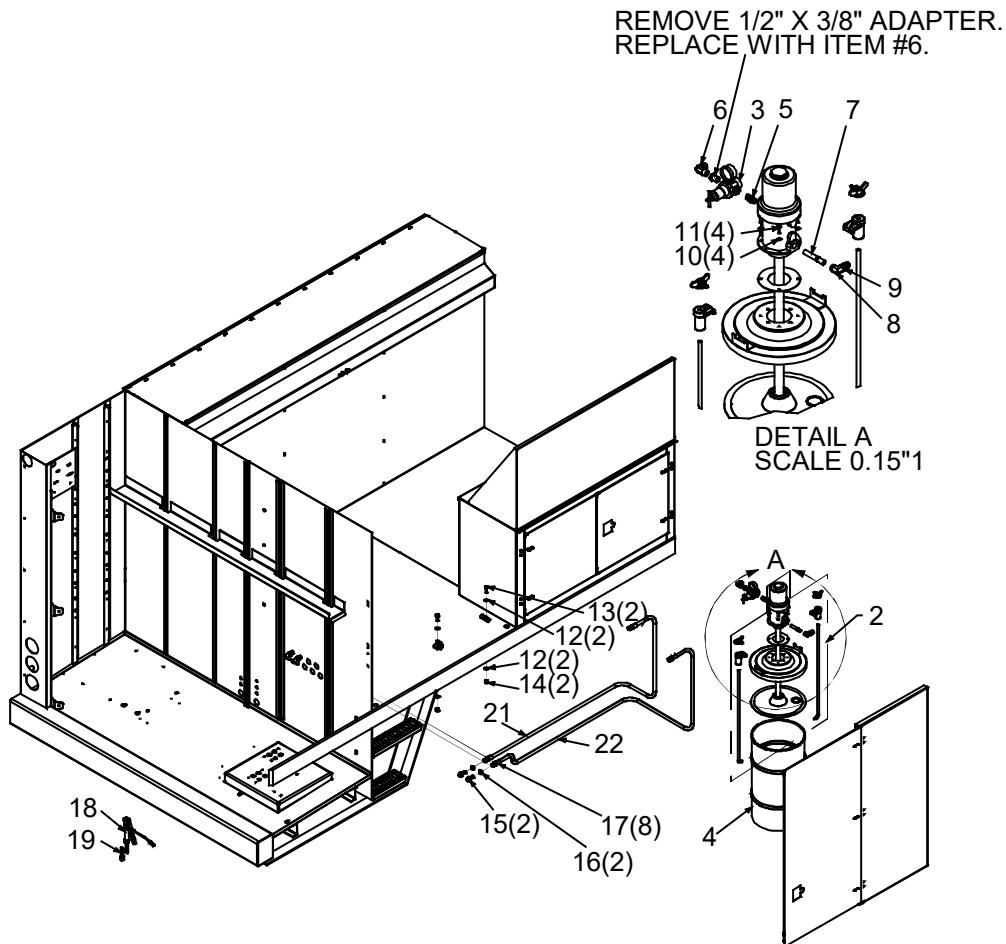
- 1 ITEM #12 USED FOR UP TO 5 SYSTEMS SHARING 1 ALARM. ALL OTHER QUANTITIES REMAIN THE SAME. JUST ADD SENSOR AND BULKHEAD FITTING FOR EACH ADDITIONAL SYSTEM.

93722071 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	72534433	UNION-BULKHEAD PVC 2.00 NPT W-GASKET	A/R
2.	77441031	ALARM-SHUT DOWN	1
3.	77041251	RELAY-12V 30 AMP NOM/40 AMP MAX	1
4.	77041499	SWITCH-ROCKER RED ACTUATOR	1

5.	77041500	SWITCH-ROCKER BODY	1
6.	77041791	SENSOR-TANK ALARM REMOTE MOUNT	A/R
7.	77040186	TERM-FSLPON I .25TAB 16-14 GA	6
8.	77040147	TERM-FSLPON I .25TAB 22-18 GA	1
9.	72063001	WASHER .25 FLAT	4
10.	72062104	NUT .25-20 HEX NYLOCK	2
11.	72060004	CAP SCR .25-20X 1.00 HH GR5 Z	2
12.	77441314	SWITCH-ASSY ROTARY 6-WAY 2-POLE	A/R
NEW 20101216			

Installation Kit, 120# Grease System (99903909/51719890)

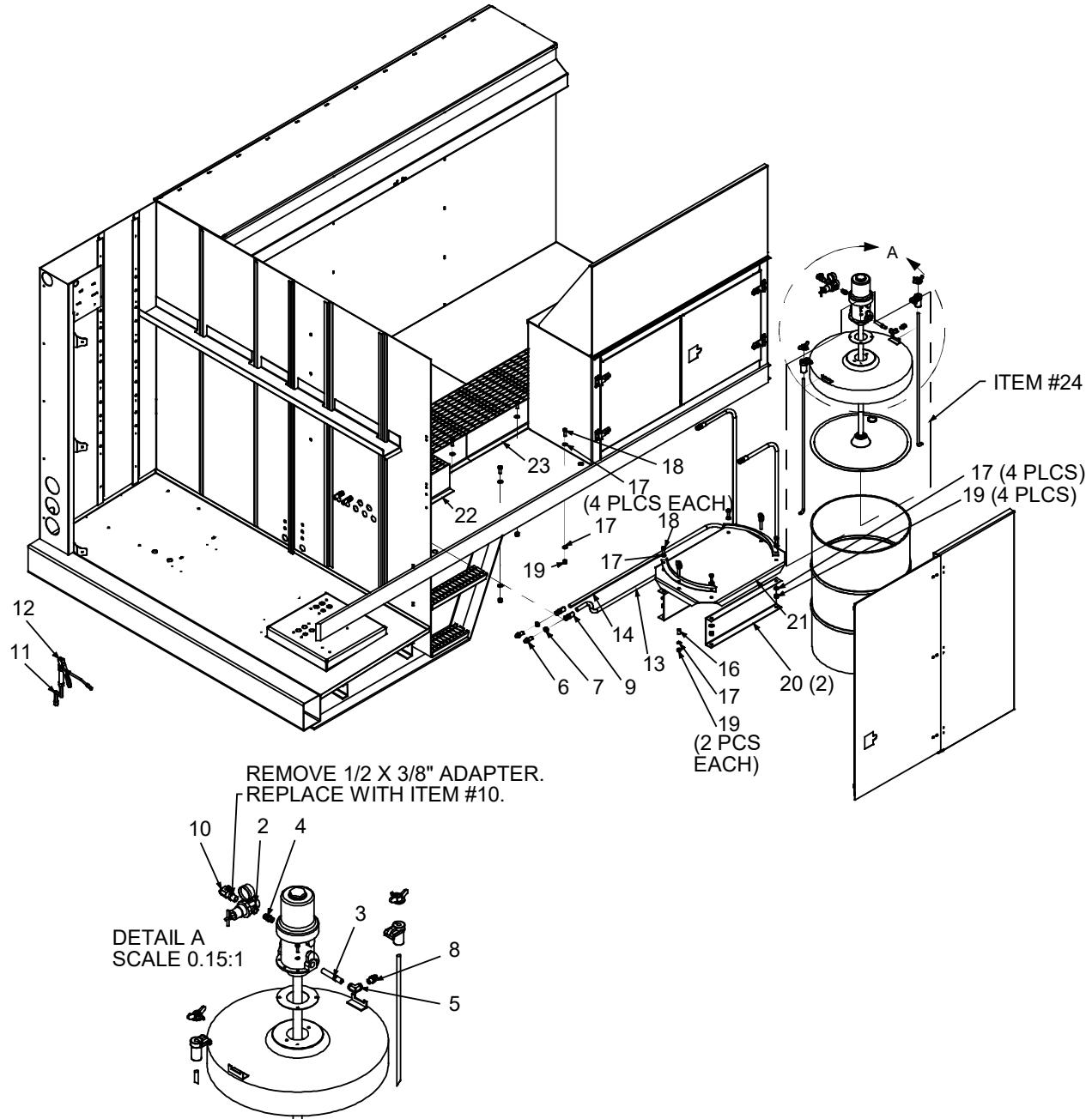


51719890 PARTS LIST (51719890 KIT; 99903909 DRAWING)

ITEM	PART #	DESCRIPTION	QUANTITY
1.	REF.	LUBE BODY	1
2.	90073283	GREASE-AIR PUMP, 120LB, NO REEL	1

51719890 PARTS LIST (51719890 KIT; 99903909 DRAWING)			
ITEM	PART #	DESCRIPTION	QUANTITY
3.	70048017	REGULATOR-AIR 3/8in NPT	1
4.	70143874	DRUM-EMPTY 120 GREASE	1
5.	72053723	ADPTR-MPT/HEX/MPT .38 .38	1
6.	72531421	ELBOW-MPT/90/M JIC .50 8	1
7.	70073790	NIPPLE-GRA20 160-790	1
8.	72531100	ELBOW-STL .38 X 90 DEG	1
9.	72053670	ADPTR-MPT/M JIC .38 8	1
10.	72063049	WASHER .25 LOCK	4
11.	72060004	CAP SCR .25-20X 1.00 HH GR5 Z	4
12.	72063005	WASHER .50 FLAT	4
13.	72060093	CAP SCR .50-13X 1.50 HH GR5 Z	2
14.	72062080	NUT .50-13 HEX NYLOCK	2
15.	72533373	UNION-BULKHEAD JIC 8 (3/4-16)	2
16.	72533373	UNION-BULKHEAD JAM NUT	2
17.	72532975	HOSE FTG-TYPE F 8 .50 PARK	8
18.	73054873	VALVE-GREASE .38NPT	1
19.	70732888	SWIVEL-.38NPT	1
21.	89394585	HOSE-HYD .50 100R2 451TC-8	1
22.	89394585	HOSE-HYD .50 100R2 451TC-8	1
NEW 20060208			

Installation Kit, 400# Grease System (99903907/51720040)

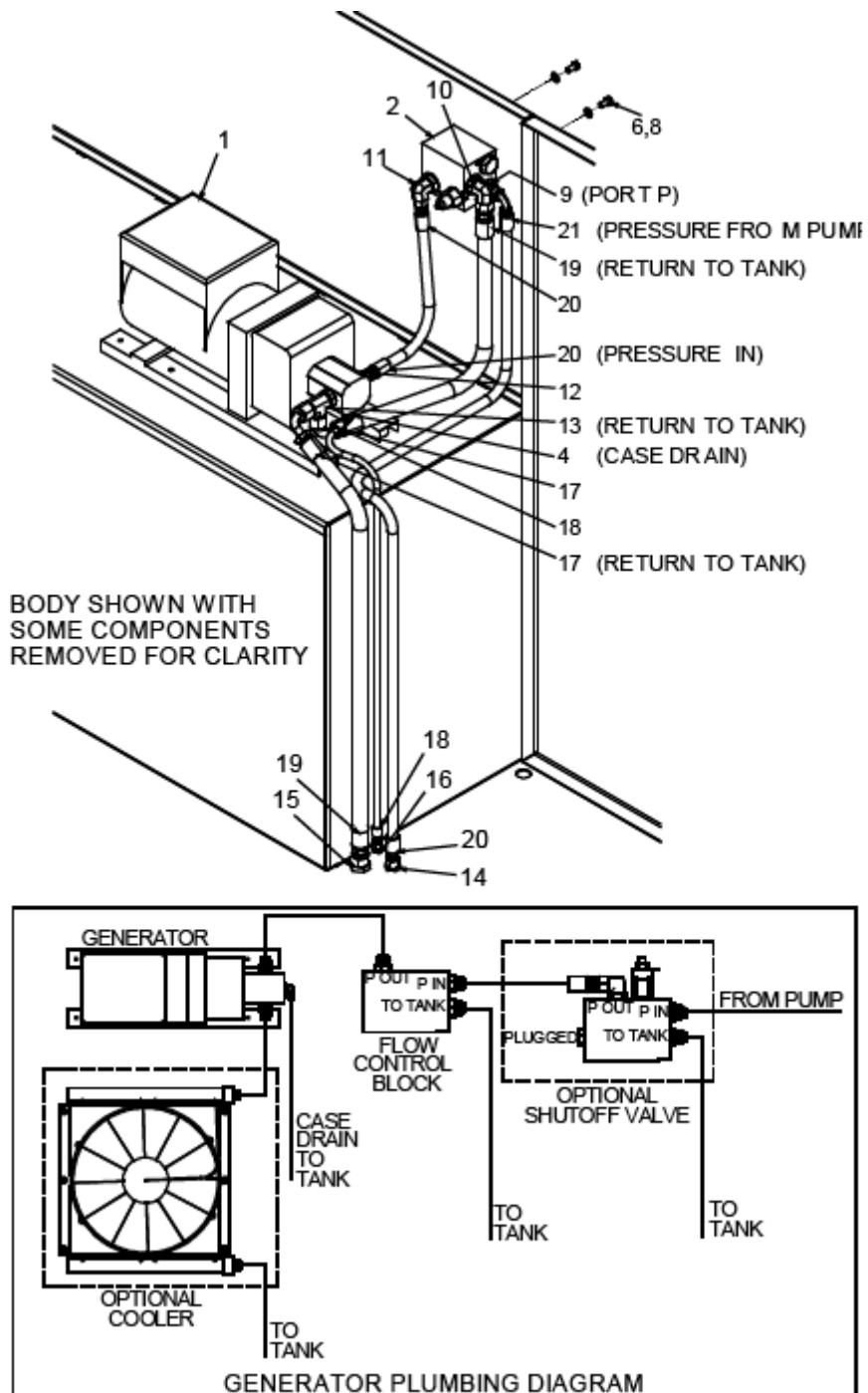


51720040 PARTS LIST (51720040 KIT; 99903907 DRAWING)

ITEM	PART #	DESCRIPTION	QUANTITY
1.	REF.	LUBE BODY	1
2.	70048017	REGULATOR-AIR 3/8in NPT	1
3.	70073790	NIPPLE-GRA20 160-790	1
4.	72053723	ADPTR-MPT/HEX/MPT .38 .38	1
5.	72531100	ELBOW-STL .38 X 90 DEG	1
6.	72533373	UNION-BULKHEAD JIC 8 (3/4-16)	2
7.	72533373	UNION-BULKHEAD JAM NUT	2

8.	72053670	ADPTR-MPT/M JIC .38 8	1
9.	72532975	HOSE FTG-TYPE F 8 .50 PARK	8
10.	72531421	ELBOW-MPT/90/M JIC .50 8	1
11.	70732888	SWIVEL- .38NPT	1
12.	73054873	VALVE-GREASE .38NPT	1
13.	89394585	HOSE-HYD .50 100R2 451TC-8	1
14.	89394585	HOSE-HYD .50 100R2 451TC-8	1
15.	70143873	DRUM-EMPTY 55 GAL	1
16.	72053302	COUPLING-BLK .25	2
17.	72063005	WASHER .50 FLAT	16
18.	72060093	CAP SCR .50-13X 1.50 HH GR5 Z	8
19.	72062080	NUT .50-13 HEX NYLOCK	8
20.	60129873	CHANNEL-FORMED 7.88 X 2.00 X 24.00	2
21.	60129874	PANEL-DECK DP .13 X 26.00 X 21.00	1
22.	52720275	HOSE COVER-ALUM REAR OPEN LUBE	REF
23.	52719228	COVER-HOSE ALUM REAR	REF
24.	90073294	KIT-LUBE GREASE 400LB	1
	70073441	GREASE PUMP	REF
REV. A 20060601			

Installation Kit, Generator, 3.5 KW (51721154/99904269)

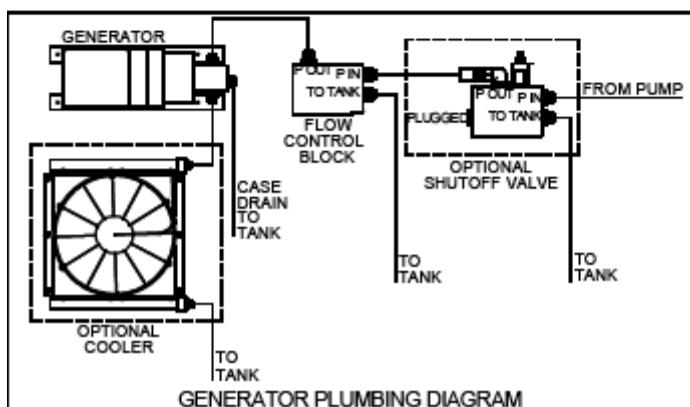
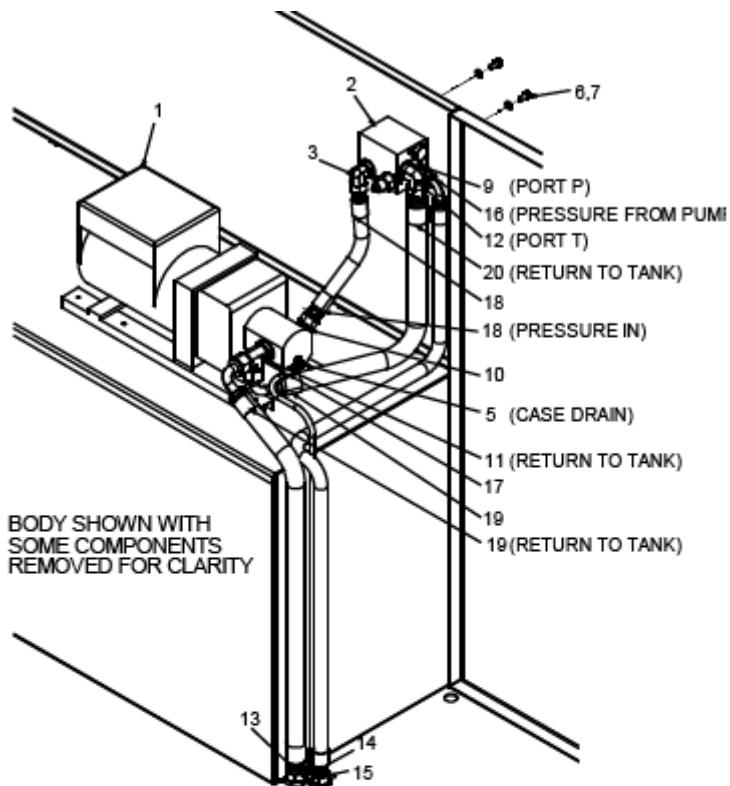


51721154 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	77042061	GENERATOR-HYDRO 3.5KW	1

2.	73540286	VALVE-ASSY - PRIORITY FLOW CNTRL 24 GPM	1
4.	72053758	ELBOW-M STR/90/M JIC 4 4	1
6.	72063051	WASHER .38 LOCK	2
8.	72060044	CAP SCR .38-16X .75 HH GR5 Z	2
9.	72532360	ADPTR-M STR/M JIC 12 8	1
10.	72053767	ELBOW-M STR/90/M JIC 12 12	1
11.	72533595	ELBOW-M STR/90/M JIC 12 8	1
12.	72532359	ADPTR-M STR/M JIC 10 8	1
13.	72534523	TEE-MSTR THD RUN 12	1
14.	72533373	UNION-BULKHEAD JIC 8 (3/4-16)	1
15.	72533371	UNION-BULKHEAD JIC 12 (1 1/16-12)	1
16.	72533024	UNION-BULKHEAD JIC 4 (7/16-20)	1
17.	72533378	HOSE FTG-TYPE J 12 .75	2
18.	72533258	HOSE FTG-TYPE F 4 .25	2
19.	72532976	HOSE FTG-TYPE F 12 .75	2
20.	72532975	HOSE FTG-TYPE F 8 .50	3
21.	72533387	HOSE FTG-TYPE J 8 .50	1
22.	89393634	HOSE-HYD .75 100R4	13'
23.	89394587	HOSE-HYD .25 100R2	12'
24.	89394585	HOSE-HYD .50 100R2	16'
REV B 20090430			

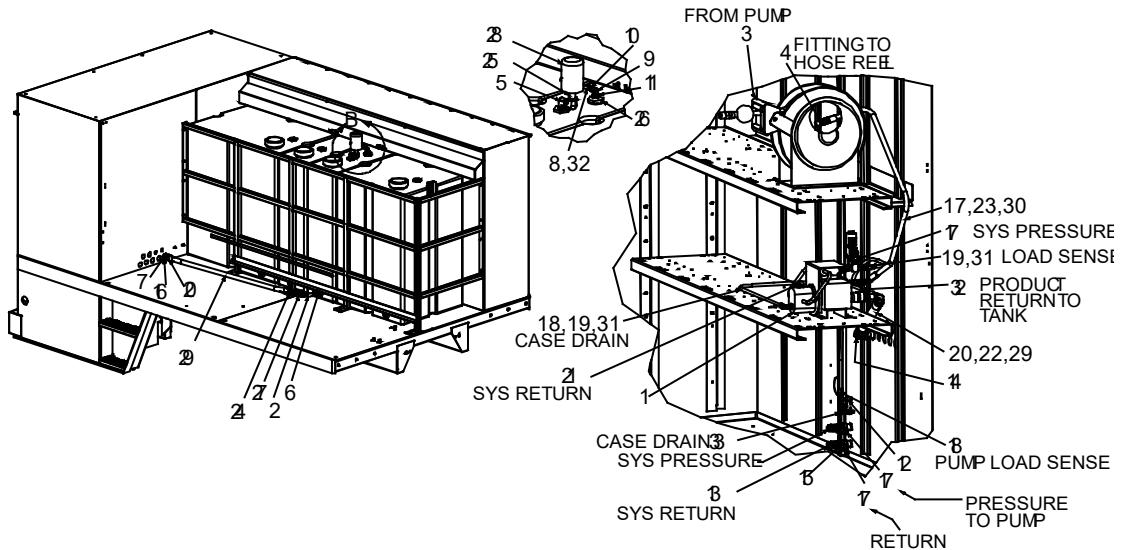
Installation Kit, Generator, 6.0 KW (51721155/99904270)



51721155 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	77042096	GENERATOR-HYDRO 6.0KW 16 GPM	1
2.	73540286	VALVE-ASSY - PRIORITY FLOW CNTRL 24 GPM	1
3.	72053767	ELBOW-M STR/90/M JIC 12 12	1
5.	72053758	ELBOW-M STR/90/M JIC 4 4	1
6.	72063051	WASHER .38 LOCK	2
7.	72060044	CAP SCR .38-16X .75 HH GR5 Z	2
9.	72532366	ADPTR-M STR/M JIC 12 12	1
10.	72053781	ELBOW-M STR/45/M JIC 12 12	1
11.	72534524	TEE-MSTR THD RUN 16	1
12.	72533319	ELBOW-M STR/90/M JIC 12 16	1
13.	72533371	UNION-BULKHEAD JIC 12 (1 1/16-12)	1
14.	72533024	UNION-BULKHEAD JIC 4 (7/16-20)	1
15.	72533015	UNION-BULKHEAD JIC 16 (1 5/16-12)	1
16.	72533378	HOSE FTG-TYPE J 12 .75	1
17.	72533258	HOSE FTG-TYPE F 4 .25	2
18.	72532976	HOSE FTG-TYPE F 12 .75	3
19.	72533388	HOSE FTG-TYPE J 16 1.31	2
20.	72533386	HOSE FTG-TYPE F 16 1.00	2
21.	89394044	HOSE-HYD .75	15'
22.	89394587	HOSE-HYD .25 100R2	12'
23.	89393811	HOSE-HYD 1.00 100R4	13'
REV. B 20090430			

Installation Kit, HP Wash (99904276 / 51720131)



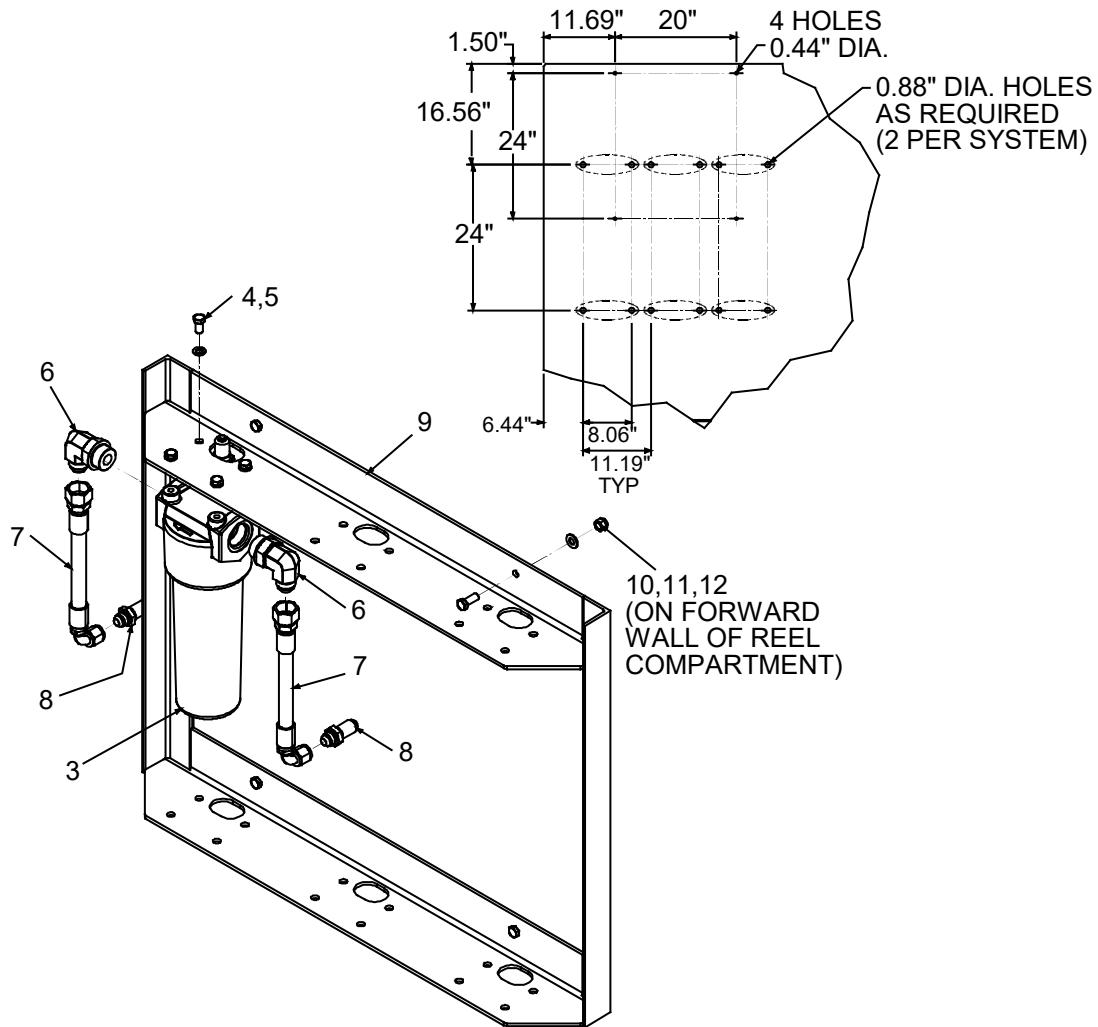
51720131 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	51721176	PUMP ASSEMBLY, HP WASH	1
2.	70145281	ELBOW-MPT/75/F JIC 1.00 16 SWEEP	1
3.	70733061	REEL-GREASE .38X50ft HP	1
4.	72053497	ADPTR-MPT/M JIC .50 8	1
5.	72053556	ELBOW-STREET STL .75 X 90 DEG	2
6.	72053680	ADPTR-MPT/M JIC 1.00 16	1
7.	72063066	WASHER 1.00 FLAT HI STR	2
8.	72066452	CLAMP-HOSE .25-.62 SAE 4 SS	2
9.	72531131	ELBOW-STREET STL .25 X 90 DEG	1
10.	72531539	NIPPLE-BARB BRS .25MPT .38	1
11.	72531831	REDUCER BUSH-STL .75-.25	1
12.	72532835	UNION-BULKHEAD JIC 6 (9/16-18)	1
13.	72532950	TEE-SWVL NUT RUN JIC 12	2
14.	72532971	ELBOW-M JIC/90/F JIC SW 16 16	1
15.	72532972	ADPTR-M JIC/F JIC 8 12	2
16.	72533015	UNION-BULKHEAD JIC 16 (1 5/16-12)	1
17.	72532975	HOSE FTG-TYPE F 8 .50	4
18.	72533135	HOSE FTG-TYPE J 4 .25	2
19.	72533258	HOSE FTG-TYPE F 4 .25	2
20.	72533386	HOSE FTG-TYPE F 16 1.00	2
21.	72533387	HOSE FTG-TYPE J 8 .50	1
22.	72533388	HOSE FTG-TYPE J 16 1.31	1
23.	72533389	HOSE FTG-TYPE I 8 .50 SUPF	1

51720131 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
24.	72533483	HOSE FTG-TYPE C 16 1.00	1
25.	72533514	ADPTR-BREATHER FILTER OIL TANK	1
26.	72534432	UNION-BULKHEAD PVC .75 NPT W-GASKET	1
27.	73054378	VALVE-BALL 1.00	1
28.	73054974	FILTER-BREATHER OIL RESERVOIR	1
29.	89393811	HOSE-HYD 1.00 100R4	A/R
30.	89394043	HOSE-HYD .50 100R2	A/R
31.	89394587	HOSE-HYD .25 100R2	A/R
32.	89392426	HOSE-GP .38 X 250 WP	A/R
33.	72532981	TEE-SWIVEL NUT RUN JIC 4	1
REV A 20120802			

Installation Kit, Final Filter (Kit 91720599 / 91724647)

THIS VIEW:
FORWARD FACE OF REEL COMPARTMENT, LOOKING REARWARD.



NOTE:

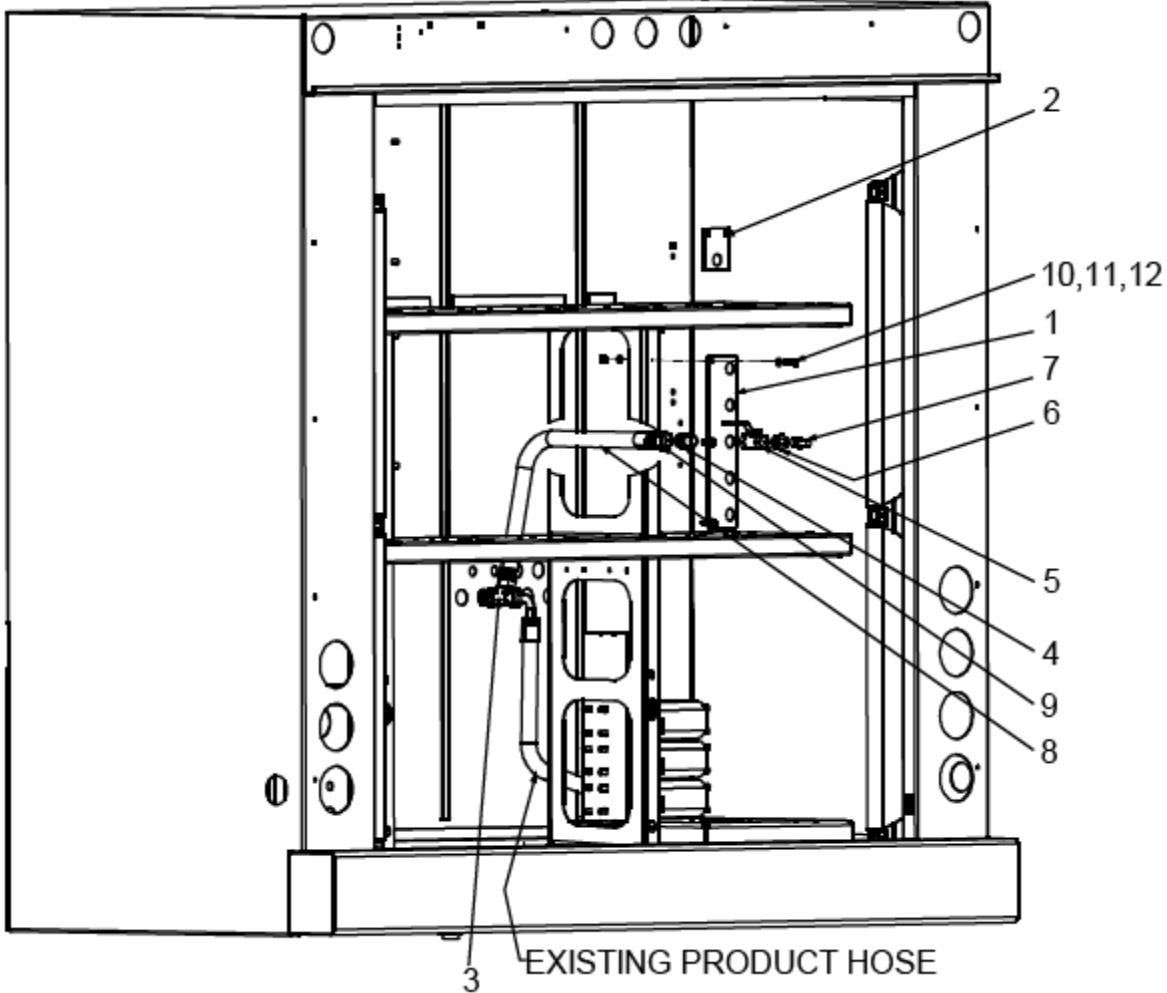
- 1 QUANTITIES LISTED ARE PER KIT. ONE OF FINAL FILTER KIT (ITEM #1) IS NEEDED FOR EACH SYSTEM TO BE FILTERED. FILTER SYSTEM INSTALLATION KIT (ITEM #2) IS DESIGNED FOR ONE THROUGH SIX SYSTEMS.

KIT 91720599 (1/2") / 91724647 (3/4")

	1/2" FINAL FILTER KIT (91720599)	3/4" FINAL FILTER KIT (91724647)		
ITEM	PART #	PART #	DESCRIPTION	QUANTITY
1.	91720599	91724647	KIT-FINAL FILTER (INCL. 3-8)	A/R
2.	93720600	93724645	KIT-FILTER SYSTEM INSTALL (INCL. 9-12)	1
3.	73540000	73540000	FILTER-PRESSURE	1
4.	72063051	72063051	WASHER .38 LOCK	4
5.	72060044	72060044	CAP SCR .38-16X .75 HH GR5 Z	4
6.	72533372	72533372	ELBOW-M STR/90/M JIC 16 12	2
7.	51396345	51399355	HOSE-10.50" L (12-8) 100R17	2
8.	72533373	72533371	UNION-BULKHEAD	2
9.	52719979	52719979	BRACKET-PRODUCT FILTER	1
10.	72060046	72060046	CAP SCR .38-16X 1.00 HH GR5 Z	4
11.	72063003	72063003	WASHER .38 FLAT	4
12.	72062103	72062103	NUT .38-16 HEX NYLOCK	4

REF DWG 99904087 (1/2") 99905446 (3/4")

Installation Kit, Quickfill Product (99904253)



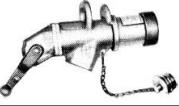
NOTES:

- 1 ITEMS SHOWN ON DRAWING ARE PART OF QUICKFILL KITS. OTHER ITEMS SHOWN ARE INCLUDED WITH OTHER KITS, OR ARE STANDARD ITEMS, AND ARE SHOWN FOR REFERENCE ONLY.
 - THE INSTALLATION SHOWN IS TYPICAL. INDIVIDUAL SYSTEM CONFIGURATIONS MAY DIFFER.
 - FOR CLARITY, SOME COMPONENTS ARE NOT SHOWN IN THE ILLUSTRATION.
 - EXCEPT FOR MOUNTING PLATES, THE QUANTITY SHOWN IS FOR EACH SYSTEM WITH REMOTE FILL OPTION.
- REFERENCE **HOSE END ATTACHMENTS** (on page 99) CHART.

99904253 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60251232	PLATE-MOUNTING CENTRAL FILL SYSTEMS	1
2.	60251057	PLATE-MOUNTING CENTRAL FILL SYSTEMS	A/R
3.	72533000	TEE-SWVL NUT RUN JIC 16	1
4.	72053679	ADPTR-MPT/M JIC .75 16	1
5.	73054230	VALVE-BALL .75	1
6.	72531833	REDUCER BUSH-STL .75-.50 (ONLY REQ WITH 72532429)	1
7.	72532430	FAST FILL-NIPPLE (HYD OIL)	1
7.	72532408	FAST FILL-RECEIVER WITH CAP (OIL)	1
7.	72532429	FAST FILL-NIPPLE (ANTIFREEZE)	1
8.	89393811	HOSE-HYD 1.00 100R4	A/R
9.	72533386	HOSE FTG-TYPE F 16 1.00	2
10.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	3
11.	72063002	WASHER .31 FLAT	6
12.	72062109	NUT .31-18 HEX NYLOCK	3
NEW 20070523			

Hose End Attachments

REFUELING NOZZLE W/PLUG (72532442) 	ADAPTER TUBE-STRAIGHT (72532433) 	RECEIVER-COOLANT-BRASS (72532429)  CAP FOR 72532429 (72532418) 
RECEIVER (72532400)  CAP FOR 72532400 (72532416) 	ADAPTER TUBE-90° (72532434) 	NOZZLE-SALVAGE-BRASS (72532426) 
RECEIVER & CAP-CRANKCASE (72532408)  RECEIVER ONLY (72532406)  CAP ONLY (72533693) 	RECEIVER-TRANSMISSION (72532428)  CAP FOR 72532428 (72532417) 	PLUG FOR 72532426 (72532431) 
NOZZLE & PLUG-CRANKCASE (72532422)  NOZZLE ONLY (72532421)  PLUG ONLY (72532423) 	NOZZLE-TRANSMISSION (72532425)  CAP FOR 72532425 (70143959) 	RECEIVER-HYDRAULIC (72532430)  CAP FOR 72532430 (72532419) 
		NOZZLE-HYDRAULIC (72532427)  PLUG FOR 72532427 (72532432) 

Polyethylene Product Tanks

POLYETHYLENE TANKS USED EFFECTIVE 1-2007	
PART #	TANK DESCRIPTION
73734149	POLY TANK, 75-GALLON
73734150	POLY TANK, 135-GALLON
73734151	POLY TANK, 190-GALLON
73734152	POLY TANK, 250-GALLON
73734153	POLY TANK, 350-GALLON

POLYETHYLENE TANKS USED THROUGH 12-2006	
PART #	TANK DESCRIPTION
73734015	POLY TANK, 75-GALLON
73734016	POLY TANK, 135-GALLON
73734017	POLY TANK, 190-GALLON
73734018	POLY TANK, 250-GALLON
73734019	POLY TANK, 350-GALLON

POLYETHYLENE TANK PARTS	
PART #	DESCRIPTION
70734328	LID-5 INCH FOR POLY LUBE TANK
73734063	BULKHEAD FITTING, 1" NPT OUTLET

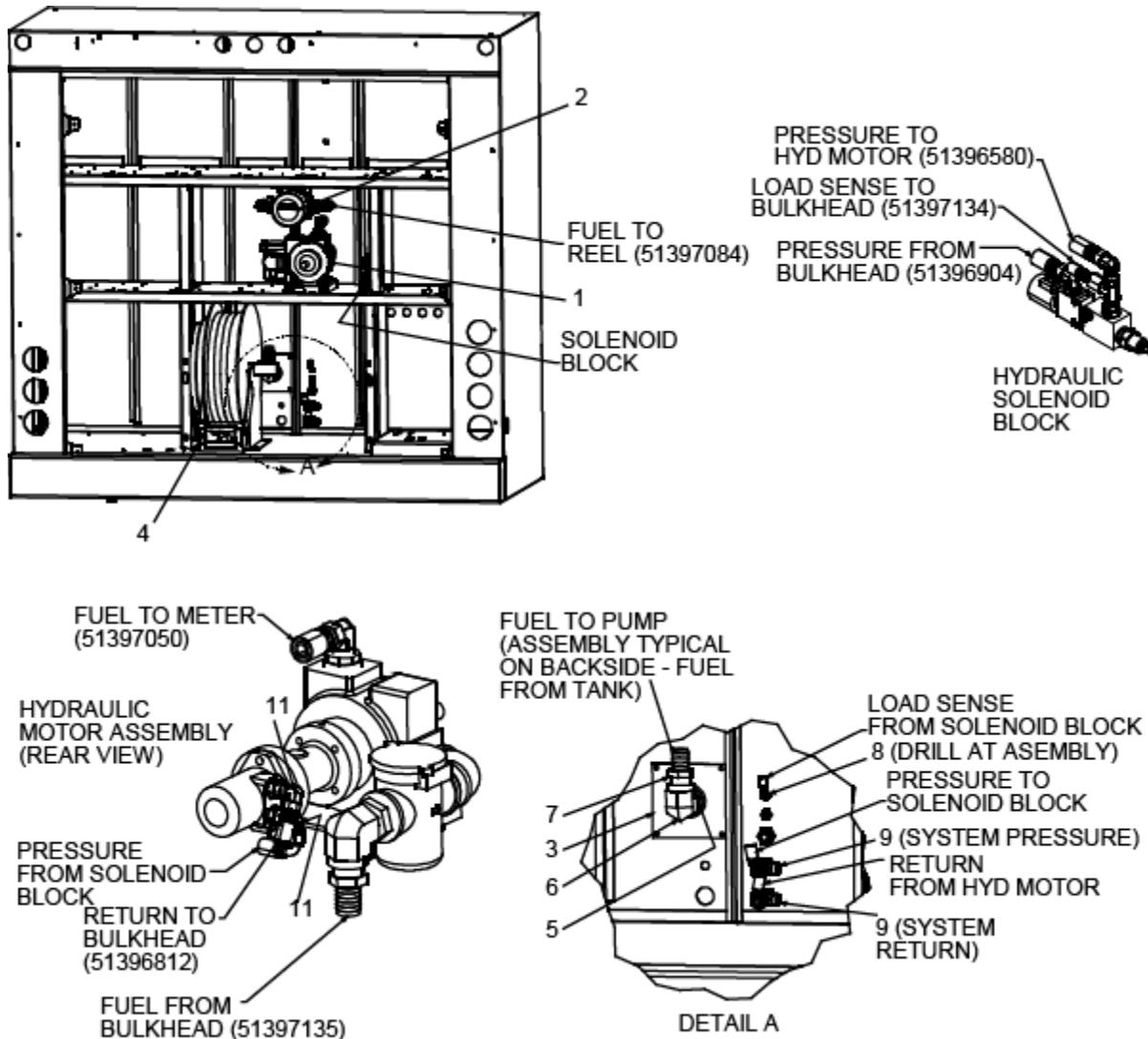
CHAPTER 5

Diesel Systems

In This Chapter

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Installation Kit, Quickfill Fuel (99904254).....	94
Hose End Attachments.....	98
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Emergency Shut-off, Rectangular Fuel Tank (51709986)	101

Fuel System (99904250)



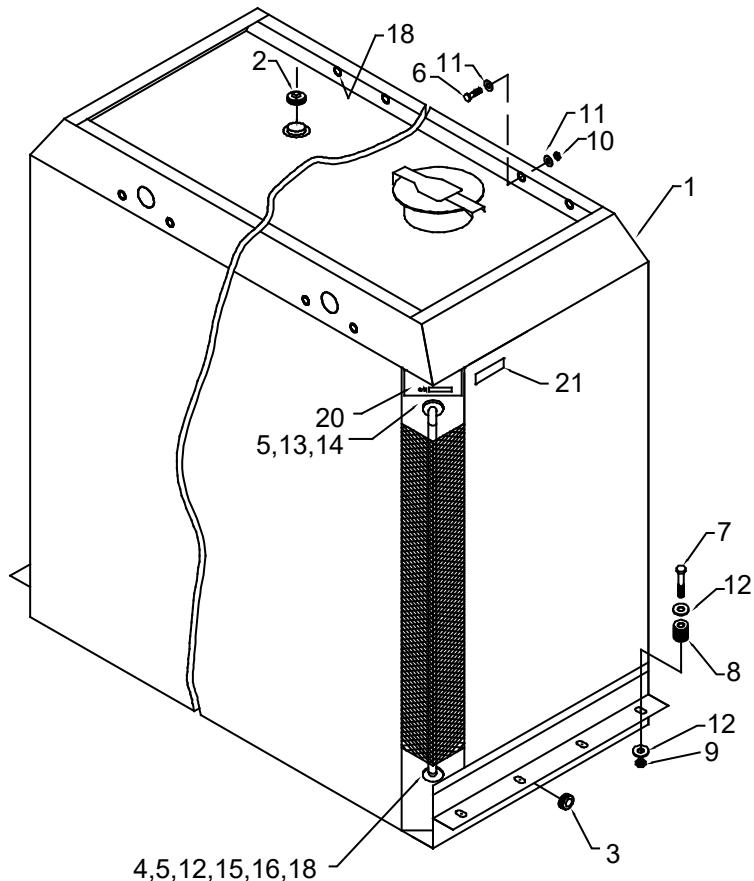
99904250 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	51721082	PUMP ASM-HYD LUBE DIESEL 40GPM '06	REF
2.	51711843	METER ASM-FUEL FLOW MASTER GALLONS	REF
3.	52709490	MTG PLT-LUBE PUMP LINC 485 2.00in COUPL	REF
4.	51711924	HOSE REEL KIT-FUEL 1.0in X 50ft SPRING	REF
5.	72534398	REDUCER BUSH-STL 2.00-1.50	2
6.	72053288	ELBOW-STREET BLK 1.50 X 90 DEG	1
7.	72531552	NIPPLE-BARB STL 1.50MPT 1.50	2
8.	72533024	UNION-BULKHEAD JIC 4 (7/16-20)	1
9.	72532950	TEE-SWVL NUT RUN JIC 12	2
10.	72532972	ADPTR-M JIC/F JIC 8 12	2
11.	72532658	ELBOW-M JIC/F JIC SW 8 8	2

99904250 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
NEW	20070430		

Fuel Tank Assemblies



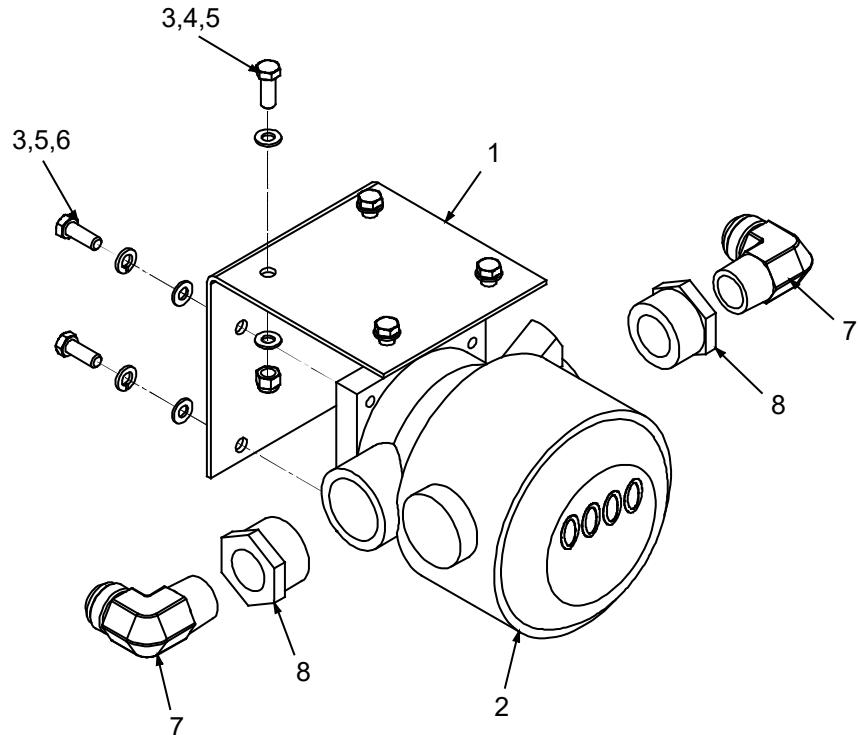
TANK ASSEMBLY PARTS LISTS

ITEM	PART #	DESCRIPTION	51721017-480-GALLONS	51720369-800-GALLONS	51720498 - 950-GALLONS	51720367 - 650-GALLONS
1.	52720368	TANK, 650-GALLON (FUEL)				1
	52721018	TANK, 480-GALLON (FUEL)	1			
	52720370	TANK, 800-GALLON (FUEL)		1		
	52720500	TANK, 950-GALLON (FUEL)			1	
2.	72053503	PLUG-PIPE SQ HD BLK .75	1	1	1	1
3.	72053406	PLUG-PIPE SOC HD GLB 1.0	1	1	1	1
4.	72053537	ADPTR-3/8 MPT 1/4 FPT SWIVEL	1	1	1	1
5.	72053590	ELBOW-STREET BRS 3/8X90DEG	2	2	2	2
6.	72060048	CAP SCR 3/8-16X1.50 HHGR5	4	4	4	4
7.	72060097	CAP SCR 1/2-13X3 HHGR5	8	8	8	8
8.	70144807	SPRING-DIE	8	8	8	8
9.	72062080	NUT 1/2-13 HEX NYLOC	8	8	8	8
10.	72062103	NUT 3/8-16 HEX NYLOC	4	4	4	4
11.	72063003	WASHER 3/8 WRT	8	8	8	8
12.	72063005	WASHER 1/2 WRT	16	16	16	16
13.	72531542	NIPPLE-BARB BRS 1/4 MPT 1/2	1	1	1	1
14.	72531543	NIPPLE-BARB BRS 3/8 MPT 1/2	1	1	1	1
15.	72066452	CLAMP-HOSE 1/4-5/8 SAE	2	2	2	2

TANK ASSEMBLY PARTS LISTS						
ITEM	PART #	DESCRIPTION	51721017-480-GALLONS	51720369-800-GALLONS	51720498 - 950-GALLONS	51720367 - 650-GALLONS
16.	73054108	VALVE-SHUT OFF	1	1	1	1
17.	76393038	GROMMET	8	8	8	8
18.	89034073	TUBE	37"	37"	37"	37"
19.	72053419	PLUG-PIPE SQ HD BLK 2.00"	1	1	1	1
20.	70395479	PLACARD, SERIAL NUMBER	1	1	1	1
21.	70395488	DECAL-TANK CAPACITY (650 GALLONS)				1
	70395487	DECAL-TANK CAPACITY (480 GALLONS)	1			
	70395794	DECAL-TANK CAPACITY (950 GALLONS)			1	
	70395489	DECAL-TANK CAPACITY (800 GALLONS)		1		

REV. 20100419

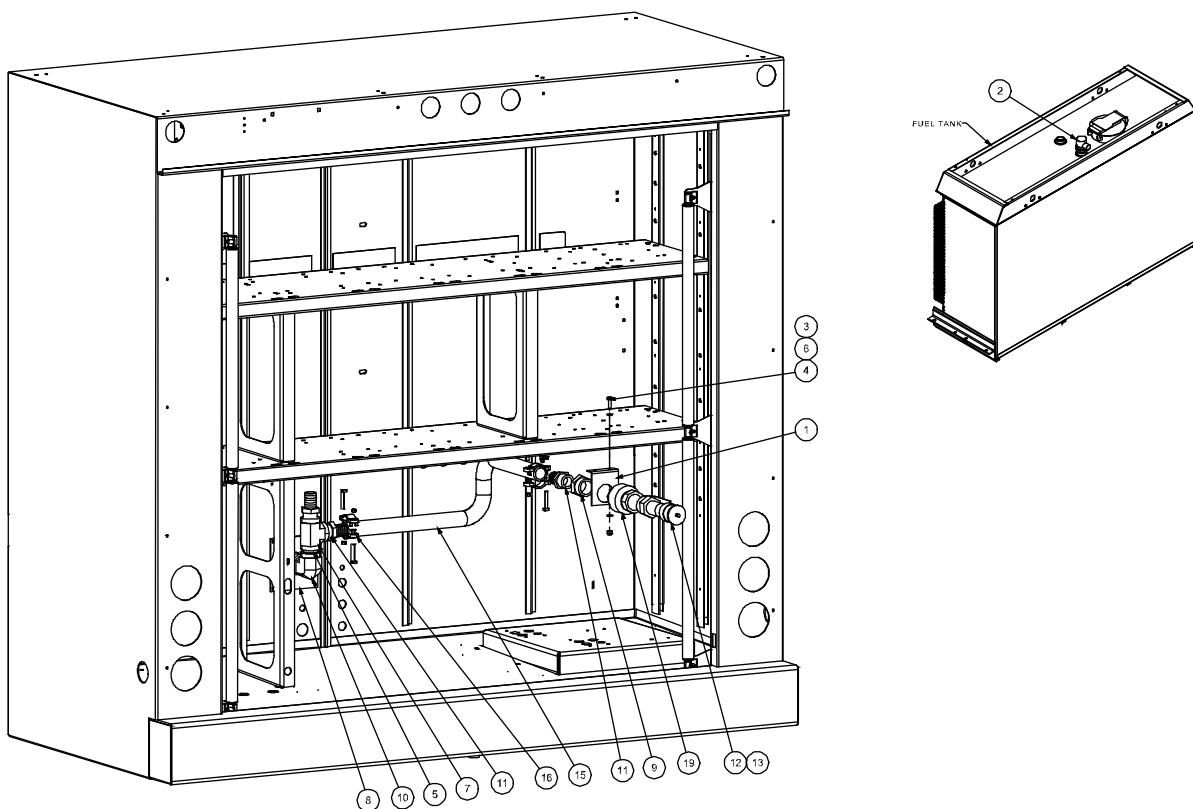
Fuel Meter (51711843)



51711843 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60117606	MOUNTING BRACKET-FUEL METER	1
2.	70732997	METER-FUEL	1
3.	72060046	CAP SCR .38-16X 1.00 HH GR5 Z	8
4.	72062103	NUT .38-16 HEX NYLOCK	4
5.	72063002	WASHER .31 FLAT	12
6.	72063051	WASHER .38 LOCK	4
7.	72531430	ELBOW-MPT/90/M JIC 1.00 16	2
8.	72531825	REDUCER BUSH-STL 1.50-1.00	2
NEW 20070430			

Installation Kit, Quickfill Fuel (99904254)



NOTES:

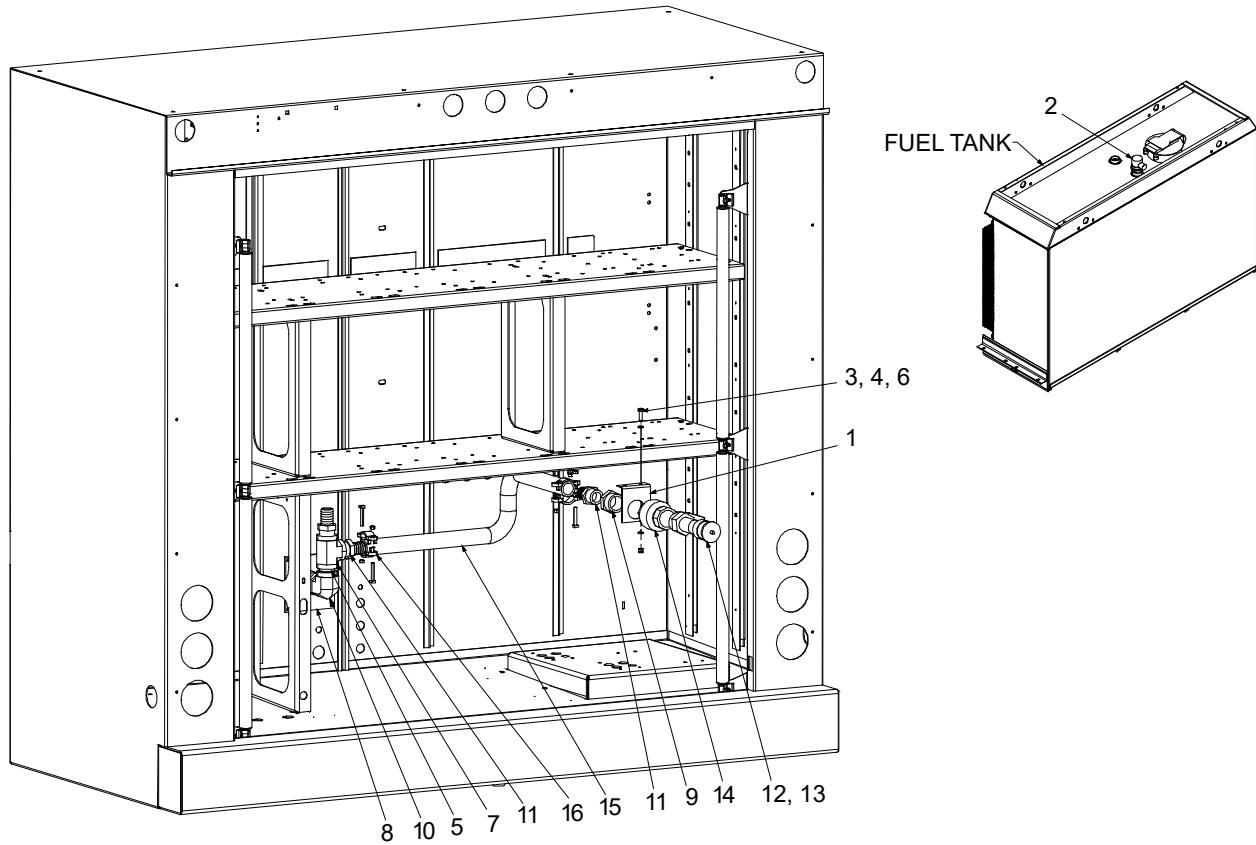
1. Ballooned items are part of quickfill kits. Other items shown are included with other kits, or standard items, and are shown for reference purposes only.
2. Installation shown is typical, but individual system configurations may be different.
3. Some parts removed from installation for clarity.

99904254 Parts List

Item No.	Part No.	Description	Qty.
1.	60117673	MTG BRKT-FILL SYSTEM FUEL RMT	1
2.	72532436	FAST FILL-VENT (ZV10)	1
3.	72062103	NUT .38-16 HEX NYLOCK	2
4.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	2
5.	72053251	NIPPLE-PIPE BLK 1.50X CLOSE	1
6.	72063002	WASHER .31 FLAT	4
7.	72533662	TEE-STL 1.50	1
8.	52709490	MTG PLT-LUBE PUMP LINC 485 2.00in COUPL	Ref
9.	72534398	REDUCER BUSH-STL 2.00-1.50	1

			Ref
10.	72053288	ELBOW-STREET BLK 1.50 X 90 DEG	
11.	72531552	NIPPLE-BARB STL 1.50MPT 1.50	2
12.	72532415	FAST FILL-CAP (ZC-20EP)	1
13.	72532400	FAST FILL-RECEIVER (ZN2A)	1
14.	89397483	HOSE-HYD 1.50 100R4	A/R
15.	72066517	CLAMP-HOSE 1.50 2-BOLT	2
16.	73540125	VALVE-BALL 2.00	1
REV. C 20200702 CN1052			

Installation Kit, Quickfill Fuel (99904254)



NOTES:

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- 2 THE INSTALLATION SHOWN IS TYPICAL. INDIVIDUAL SYSTEM CONFIGURATIONS MAY DIFFER.
- 3 FOR CLARITY, SOME COMPONENTS ARE NOT SHOWN IN THE ILLUSTRATION.
- 4 REFERENCE **HOSE END ATTACHMENTS** (on page 99) CHART.

99904254 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60117673	MTG BRKT-FILL SYSTEM FUEL RMT	1
2.	72532436	FAST FILL-VENT	1
3.	72062103	NUT .38-16 HEX NYLOCK	2
4.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	2
5.	72053251	NIPPLE-PIPE BLK 1.50X CLOSE	1
6.	72063002	WASHER .31 FLAT	4
7.	72053607	TEE-BLK 1.50	1
8.	52709490	MTG PLT-LUBE PUMP LINC 485 2.00in COUPL	REF
9.	72534398	REDUCER BUSH-STL 2.00-1.50	1
10.	72053288	ELBOW-STREET BLK 1.50 X 90 DEG	REF
11.	72531552	NIPPLE-BARB STL 1.50MPT 1.50	2
12.	72532415	FAST FILL-CAP (ZC-20EP)	1

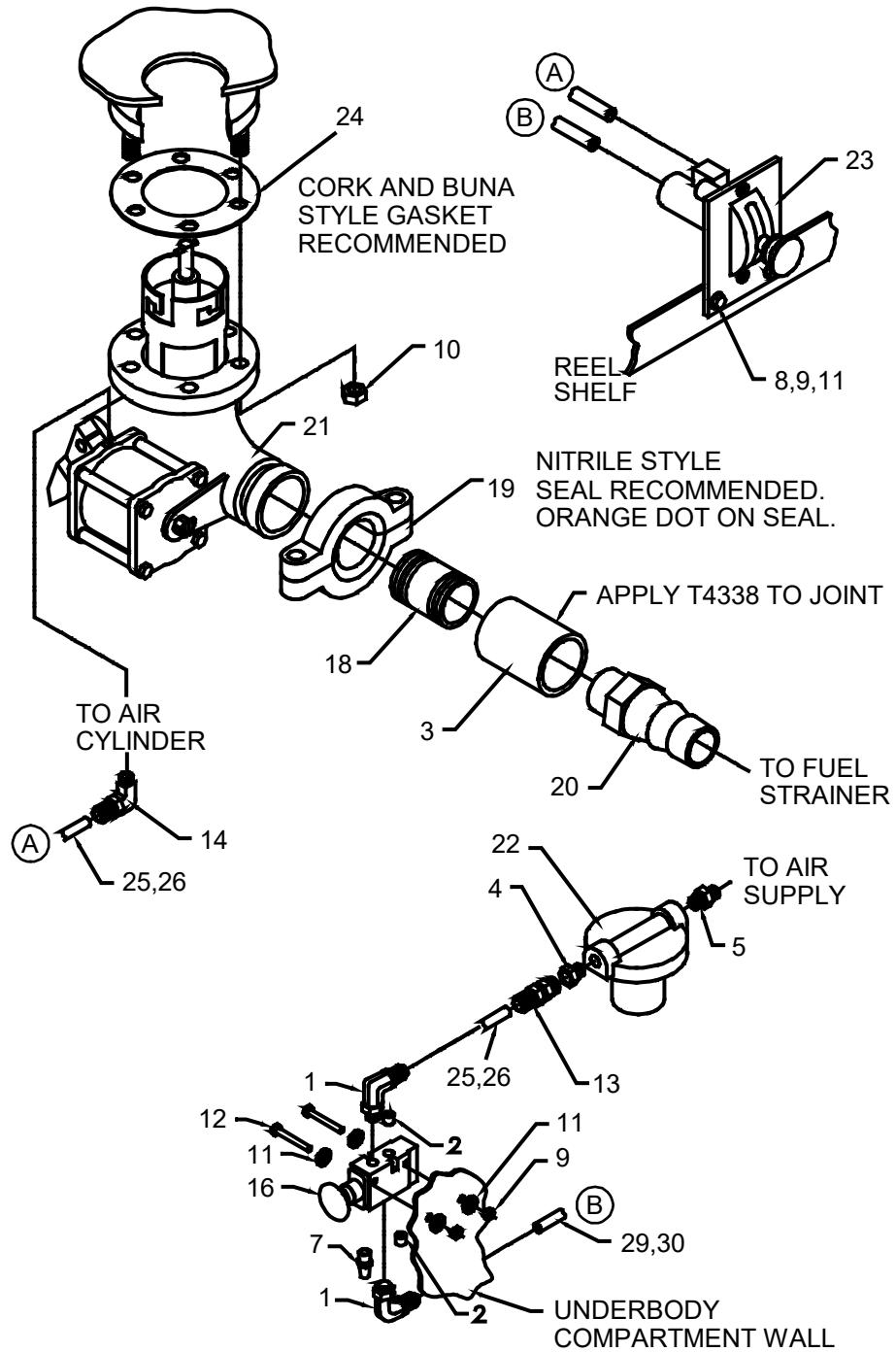
99904254 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
13.	72532400	FAST FILL-RECEIVER (ZN2A)	1
14.	73540126 (was 72053309)	VALVE-BALL 2.00	1
15.	89394074	HOSE-HYD 1.50 100R4	A/R
16.	72066517	CLAMP-HOSE 1.50 2-BOLT	2
REV. B 20140604			

Hose End Attachments

REFUELING NOZZLE W/PLUG (72532442) 	ADAPTER TUBE-STRAIGHT (72532433) 	RECEIVER-COOLANT-BRASS (72532429)  CAP FOR 72532429 (72532418) 
RECEIVER (72532400)  CAP FOR 72532400 (72532416) 	ADAPTER TUBE-90° (72532434) 	NOZZLE-SALVAGE-BRASS (72532426) 
RECEIVER & CAP-CRANKCASE (72532408)  RECEIVER ONLY (72532406)  CAP ONLY (72533693) 	RECEIVER-TRANSMISSION (72532428)  CAP FOR 72532428 (72532417) 	PLUG FOR 72532426 (72532431)  RECEIVER-HYDRAULIC (72532430)  CAP FOR 72532430 (72532419) 
NOZZLE & PLUG-CRANKCASE (72532422)  NOZZLE ONLY (72532421)  PLUG ONLY (72532423) 	NOZZLE-TRANSMISSION (72532425)  CAP FOR 72532425 (70143959) 	NOZZLE-HYDRAULIC (72532427)  PLUG FOR 72532427 (72532432) 

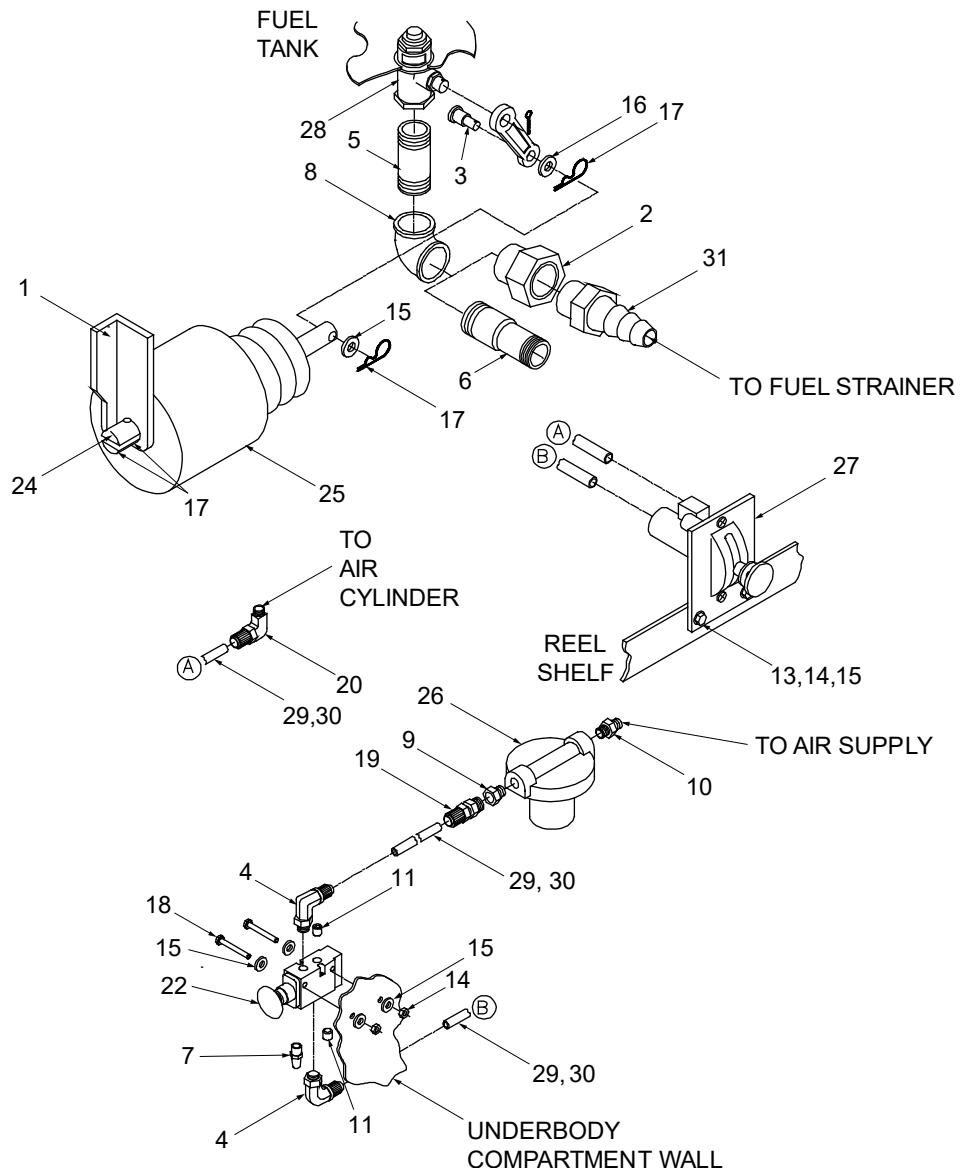
Emergency Shut-off, Oval Fuel Tank (51709712)



51709712 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	72531747	ELBOW-MPT/90/POLY-FLO .25 .25	2
2.	72053392	PLUG-PIPE SOCKET HEX STEEL .25	2
3.	72534417	COUPLING	1
4.	72053371	REDUCER-BUSHING BLK .25-.12 (WAS 4)	1
5.	72053517	ADAPTER-MPT/HEX/MPT .25 .25	1
7.	70146061	MUFFLER-AIR 1/4" NPT SINTERED BRONZE	1
8.	72060004	CAP SCREW .25-20 X 1 HHGR5Z	2
9.	72062000	NUT .25-20 HEX (WAS 8)	4
10.	72062080	NUT .50-13 HEX NYLOC	6
11.	72063001	WASHER .25 FLAT (WAS 12)	10
12.	72060008	CAP SCREW .25-20 X 2 HHGR5Z	2
13.	72531731	ADAPTER-MPT/POLY-FLO .12 .25	3
14.	72531746	ELBOW-MPT/90/POLY-FLO .12 .25	1
16.	73540431	VALVE-AIR 4-WAY PUSH BUTTON	1
18.	72532872	NIPPLE	1
19.	72532873	COUPLING-REDUCER	1
20.	72532983	NIPPLE-BARB 2 X 2	1
21.	73054504	VALVE-EMERGENCY	1
22.	73054505	VALVE-PRESS PROTECTION	1
23.	73054514	VALVE ASSEMBLY	1
24.	76392422	GASKET-DRAIN SUMP	1
25.	89034176	TUBING-.25 AIR BRAKE	40 FEET
26.	89044331	LOOM .35 ID	40 FEET
REV. F 20110310			

Emergency Shut-off, Rectangular Fuel Tank (51709986) Effective 11-24-15



51709986 PARTS LIST EFFECTIVE 11-24-15

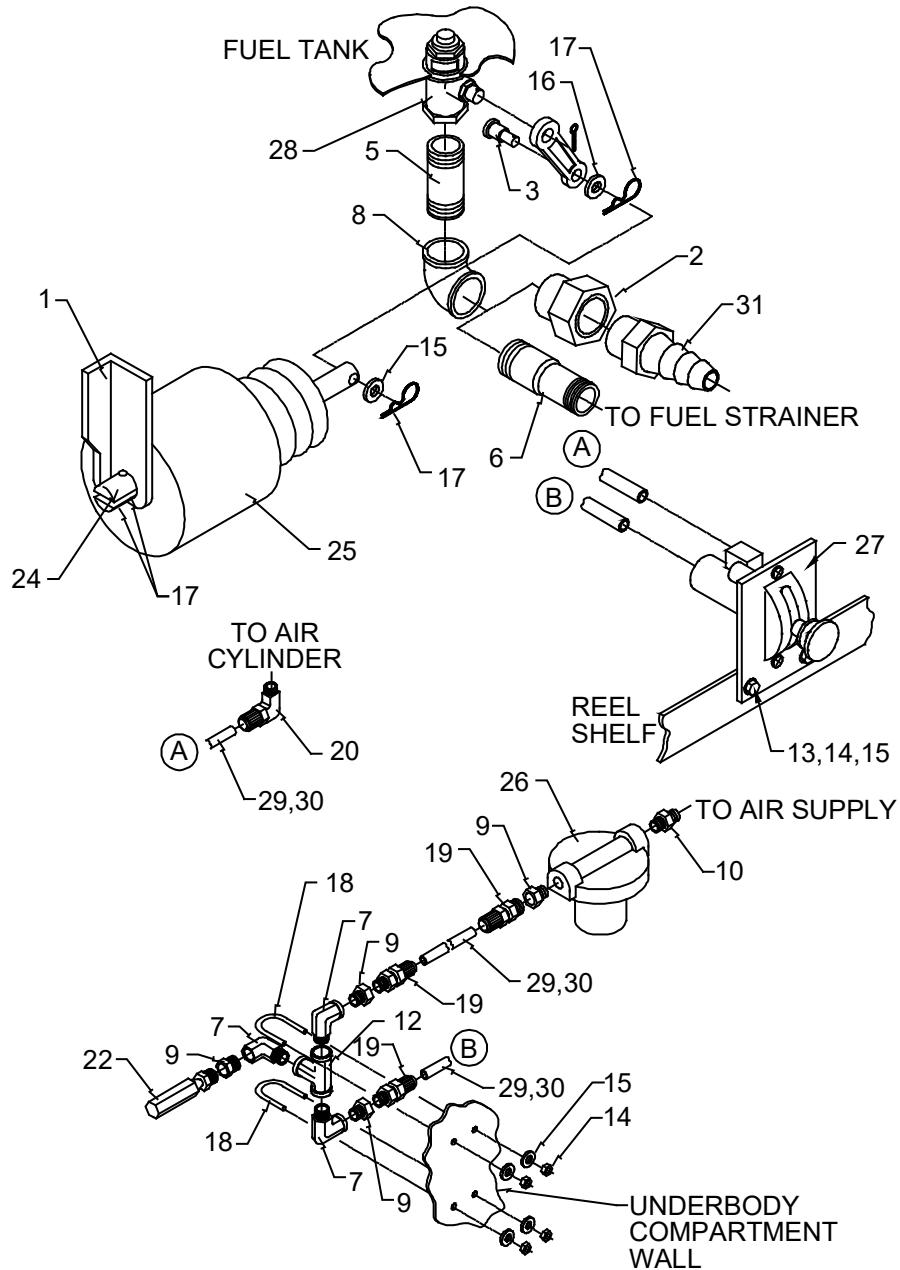
ITEM	PART NO.	DESCRIPTION	QTY
1	60120873	BRACKET - AIR SHIFT LUBE	1
2	72534398	REDUCER BUSHING -STL 2.00-1.50	1
3	60113813	CONNECTOR-PIN EMERGENCY SHUTOFF LUBE	1
4	72531747	ELBOW-MPT / 90 / PLOY-FLO	2
5	72053262	NIPPLE-PIPE 2.00 X 4.00	1
6	72532983	NIPPLE-BARB 2 X 2 (USED W/73051679 LARGE PUMP)	1
7	70146061	MUFFLER-AIR 1 / 4" NPT SINTERED BRONZE	1

51709986 PARTS LIST EFFECTIVE 11-24-15

ITEM	PART NO.	DESCRIPTION	QTY
8	72053329	ELBOW-BLK 2.00 X 90°	1
9	72053371	REDUER BUSH - BLK .25-.12	1
10	72053517	ADAPTER-MPT / HEX / MPT .25 .25	1
11	72053392	PLUG-PIPE SOC HEX STL .25	2
12			
13	72060004	CAP SCREW .25-20 X 1.00 HH GR5 Z	4
14	72062000	NUT .25-20 HEX ZINC	6
15	72063001	WAHSER .25 FLAT	9
16	72063004	WASHER .44 FLAT	1
17	72066141	HAIR PIN .03 DIA .25-.50 SHAFT	4
18	72060008	CAP SCR .25-20X 2.00 HH GR5 Z	2
19	72531731	ADPTER-MPT / POLY-FLO .12 .25	1
20	72531746	ELBOW-MPT/90/POLY-FLO .12 .25	1
21			
22	73540431	VALVE-AIR 4-WAY PUSH BUTTON	1
23			
24	72661237	PIN-CLEVIS ADJUSTABLE .25 X 1.50	1
25	73054503	CYLINDER - AIR BETO1 AC35005-ALV	1
26	73054505	VALVE - PRESS PORTECTION 378414	1
27	73054514	VALVE ASM-DAN20 328863X	1
28	73054526	VALVE-ER 2.00 MORO1 203	1
29	89034176	TUBING-.25 AIR BRAKE	40 FT
30	89044331	LOOM-.35 ID	40 FT
31	72531552	NIPPLE-BARB 1.50MPT (USE W/73051666 SMALL PUMP)	1

REV. G 20160607

Emergency Shut-off, Rectangular Fuel Tank (51709986)



51709986 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	60120873	BRACKET-AIR SHIFT LUBE 1 PIECE	1
2.	72534398	REDUCER BUSH-STL 2.00-1.50	1
3.	60113813	CONNECTOR-PIN-EMERGENCY SHUTOFF LUBE	1
4.	72531747	ELBOW-MPT/90/POLY-FLO .25 .25	2
5.	72053262	NIPPLE-PIPE BLK 2.00X 4.00	1
6.	72532983	NIPPLE-BARB STL 2.00 X 2.00 ST-25	1
7.	70146061	MUFFLER-AIR 1/4" NPT SINTERED BRONZE	1
8.	72053329	ELBOW-BLK 2.00 X 90 DEG	1
9.	72053371	REDUCER BUSH-BLK .25- .12	4
10.	72053517	ADPTR-MPT/HEX/MPT .25 .25	1
11.	72053392	PLUG-PIPE SOCKET HEAD STEEL .25	2
13.	72060004	CAP SCR .25-20X 1.00 HH GR5 Z	4
14.	72062000	NUT .25-20 HEX ZINC	6
15.	72063001	WASHER .25 W FLAT ANSI B27.2Z	9
16.	72063004	WASHER .44 W FLAT ANSI B27.2	1
17.	72066169	COTTER PIN .09X1.00 PLAIN	4
18.	72060008	CAP SCREW .25-20 X 2 HHGR5Z	2
19.	72531731	ADPTR-MPT/POLY-FLO .12 .25	1
20.	72531746	ELBOW-MPT/90/POLY-FLO .12 .25	1
22.	73540431	VALVE-AIR 4-WAY PUSH BUTTON	1
24.	72661237	PIN-CLEVIS ADJUSTABLE .25X1.50	1
25.	73054503	CYLINDER-AIR	1
26.	73054505	VALVE-PRESS PROTECTION .25in	1
27.	73054514	VALVE ASSEMBLY	1
28.	73054526	VALVE-EMERGENCY 2.00 FUEL	1
29.	89034176	TUBING-.25 AIR BRAKE	40'
30.	89044331	LOOM-.35 ID (BULK)	40'
31.	72531552	NIPPLE-BARB STL 1.50MPT 1.50	1
REV. F 20110314			

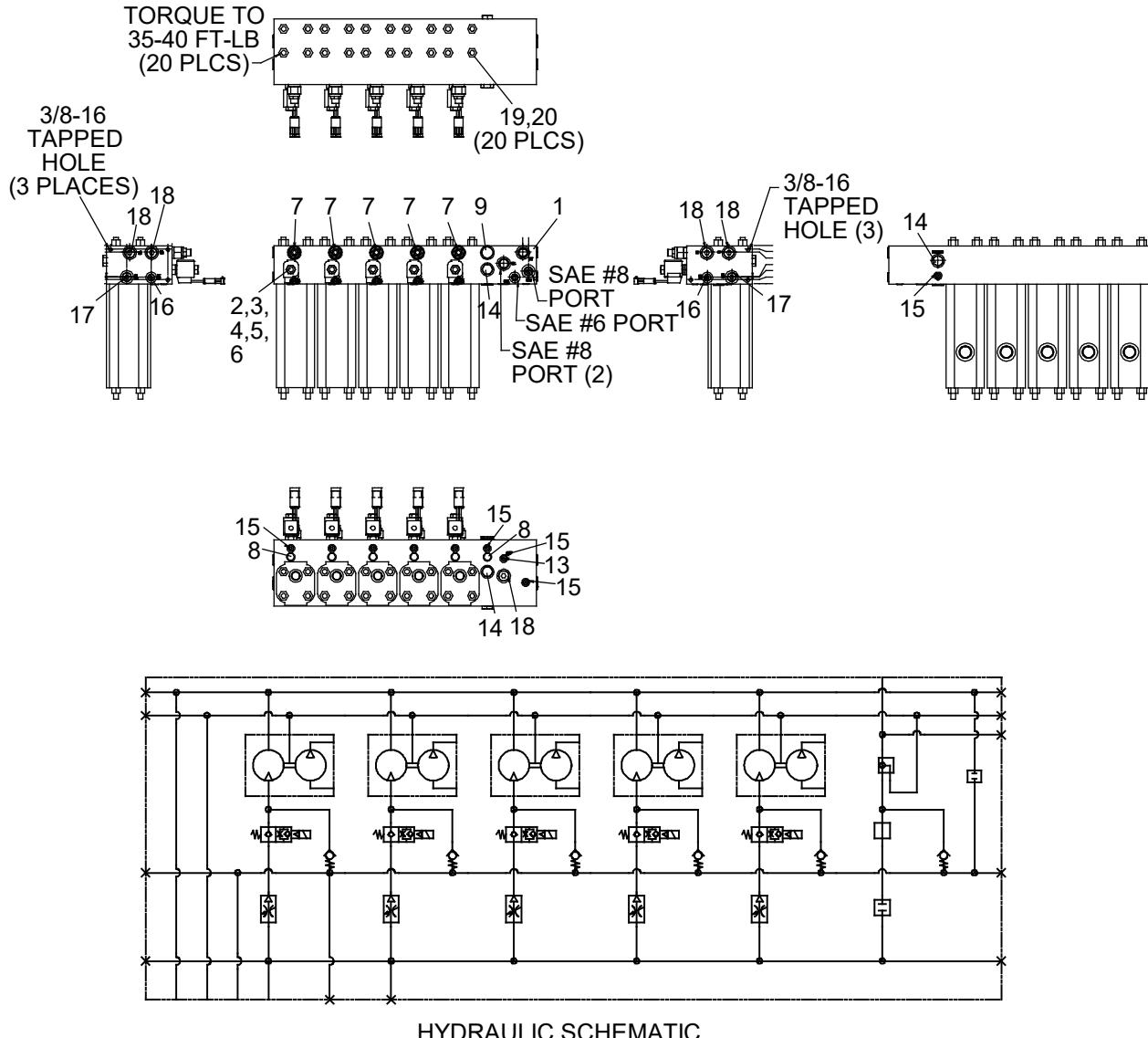
CHAPTER 6

Pump Assemblies

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Oil Pump Manifold Assemblies (2 - 5 Sections)



NOTE:

1 SET FLOW CONTROLS (ITEM #7) TO 3 GPM AT 1500 PSI.

INSTALL O-RINGS IN MANIFOLD, THEN INSTALL MOTORS BY LINING UP CASE DRAIN HOLES.

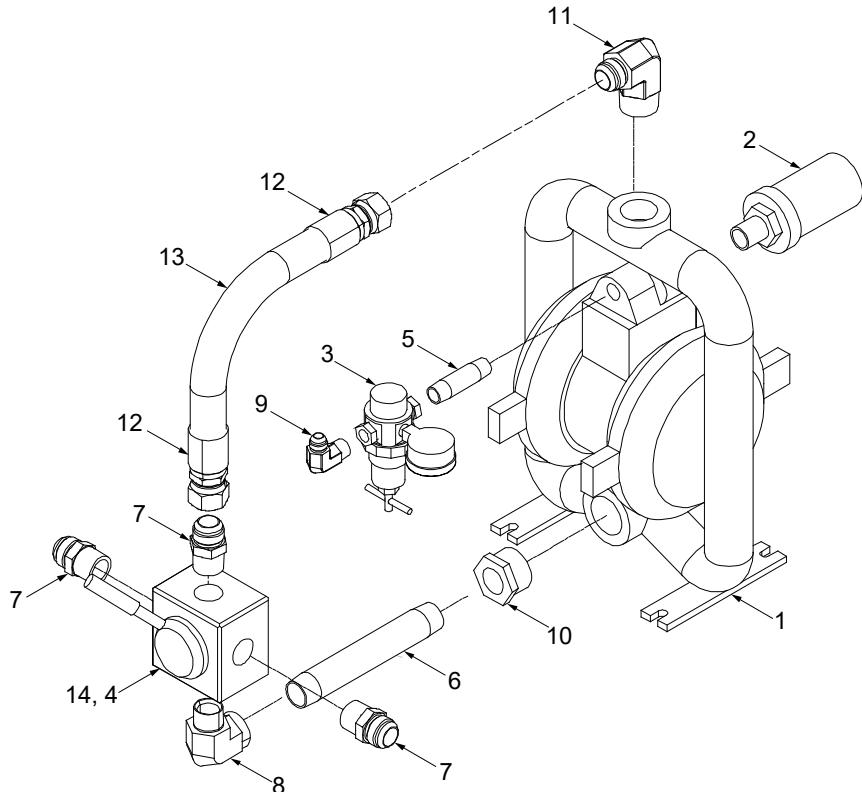
DO NOT DISASSEMBLE MOTOR OR LOOSEN NUTS. THE MANIFOLD INCORPORATES COUNTERBORED HOLES FOR THE NUTS AND WASHERS ON THE MANIFOLD.

OIL PUMP MANIFOLD ASSEMBLIES PARTS LIST					
ITEM	PART #	DESCRIPTION	QUANTITY	WRENCH	TORQUE
REF	51720005	PUMP ASM-HYD LUBE 2 SECT MANIFOLD ASM	REF		
REF	51716471	PUMP ASM-HYD LUBE 3SECT MANIFOLD ASM	REF		
REF	51719998	PUMP ASM-HYD LUBE 4 SECT MANIFOLD ASM	REF		
REF	51716470	PUMP ASM-HYD LUBE 5 SECT MANIFOLD ASM	REF		
1.		VALVE BODY	1		
2.	73054720	VALVE, SOLENOID	5	7/8"	22 FT-LB
3.	77041680	LEAD COIL, DUAL, 12VDC	1	3/4"	3 FT-LB
4.		CABLE SEAL	10		
5.		SHROUD	5		
6.		PIN	10		
7.	73544217	CARTRIDGE VALVE, FLOW CONTROL (5 GPM MAX)	1	1-1/16"	55 FT-LB
8.	73540241	CHECK VALVE	1	9/16"	7 FT-LB
9.		PLUG	1	1"	35 FT-LB
10.	51719865	PUMP/MOTOR (SEAL KIT 94397449)	5		
11.	76397025	O-RING	10		
12.	70145623	O-RING	5		
13.		PLUG, DRY SEAL, 1/16 NPTF	1	5/32"	
14.		PLUG, SAE #8 HH	3	7/8"	35 FT-LB
15.		PLUG, SAE #4	9	3/16"	107 IN-LB
16.		PLUG, SAE #6	2	1/4"	225 IN-LB
17.		PLUG, SAE #8	2	5/16"	35 FT-LB
18.		PLUG, SAE #10	5	3/8"	55 FT-LB
19.		NUT, 7/16-20 HEX	20		
20.		WASHER, 7/16 LOCK	20		
REF	70734052	PLATE, BLANKING KIT	REF		

(REFERENCE ASSEMBLY DRAWING FOR 51716470-5 SECTION MANIFOLD, PUMP ASSEMBLY)

Salvage System Pump Assembly (51725168)

(Eff. 4-8-2013)



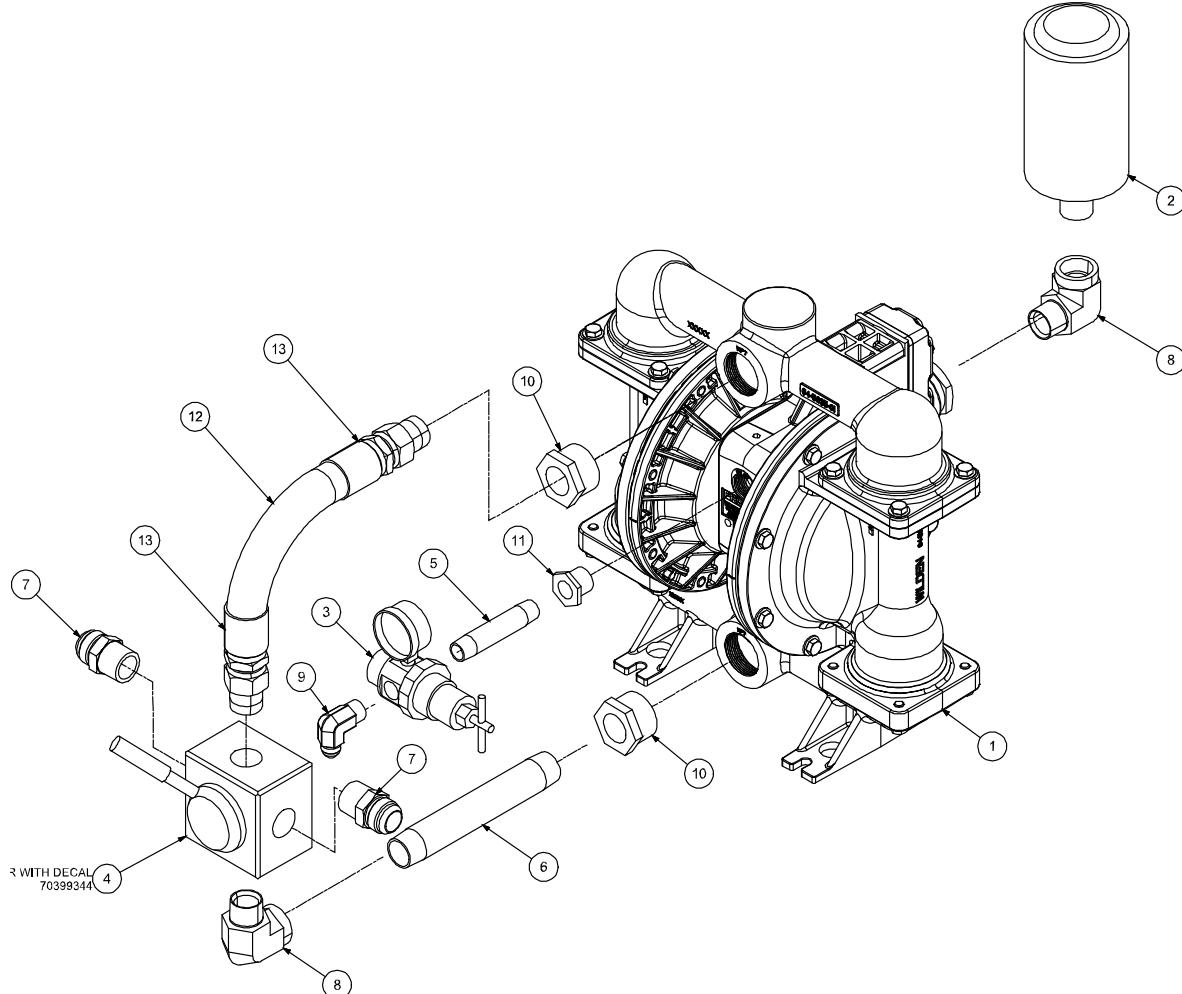
51725168 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70734764	PUMP-DIAPHRAGM 1.50in 92 GPM	1
2.	REF	MUFFLER-PART OF 70734764	1
3.	70048017	REGULATOR-AIR GRACO 202-156 3/8in NPT	1
4.	70734030	VALVE-4 WAY 1.00 INCH	1
5.	72053094	NIPPLE-PIPE BLK .50X 3.	1
6.	72053193	NIPPLE-PIPE BLK 1.00X 8.00	1
7.	72053680	ADPTR-MPT/M JIC 1.00 16	3
8.	72531134	ELBOW-STREET STL 1.00 X	1
9.	72531421	ELBOW-MPT/90/M JIC .50 8	1
10.	72531825	REDUCER BUSH-STL 1.50-1.0	1
11.	72534393	ELBOW-MPT/90/M JIC 1.25 16	1
12.	72533386	HOSE FTG-TYPE F 16 1.00 PAR	2
13.	89393811	HOSE-HYD 1.00 100R4 881-16 PA	A/R
14.	70399344	DECAL-SITESTAR VALVE COVER	1

REV NEW 20130408

Salvage System Pump Assembly (51721563)

(EFFECTIVE 4/2020)

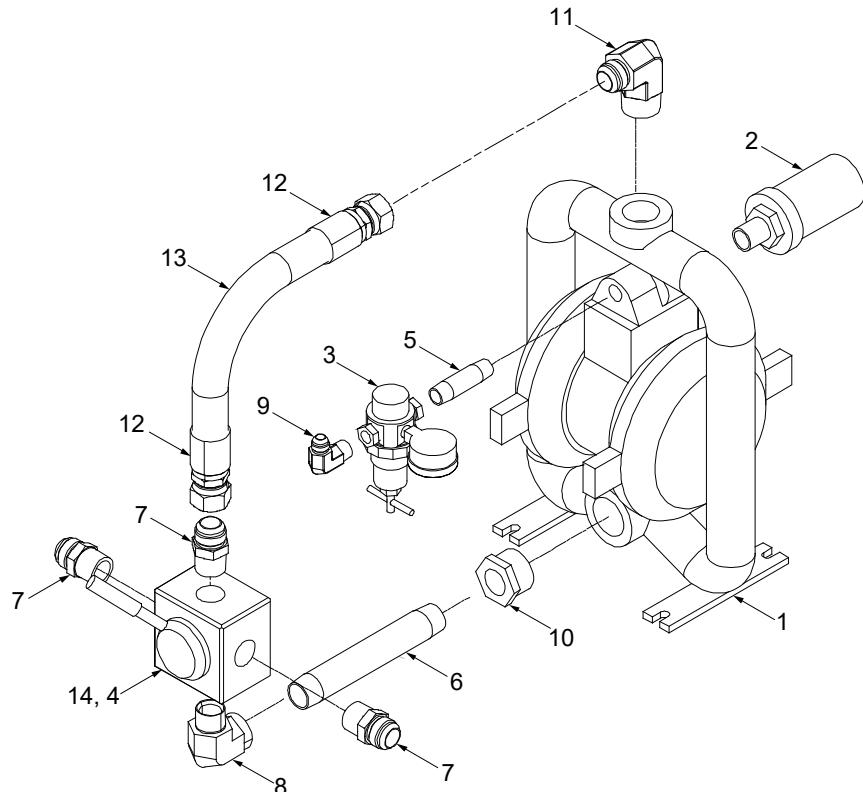


ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	70734333	PUMP-DIAPHRAGM 1.50in 92 GPM REV INLET	1
2.	N/A	MUFFLER - PART OF 70734333	1
3.	0048017	REGULATOR-AIR GRACO 202-156 3/8in NPT	1
4.	0734030	VALVE-4 WAY 1.00 INCH	1
5.	72053096	NIPPLE-PIPE BLK .50X 4.00	1
6.	72053193	NIPPLE-PIPE BLK 1.00X 8.00	1
7.	72053680	ADPTR-MPT/M JIC 1.00 16	2
8.	72531134	ELBOW-STREET STL 1.00 X 90 DEG	2
9.	72531421	ELBOW-MPT/90/M JIC .50 8	1
10.	72531825	REDUCER BUSH-STL 1.50-1.00	2
11.	72531833	REDUCER BUSH-STL .75- .50	1
12.	89393811	HOSE-HYD 1.00 100R4 881-16 PAR	12 in
13.	72533483	HOSE FTG-TYPE C 16 1.00	2

Rev. D 20200528

Salvage System Pump Assembly (51721563) (Eff. 5/2008)

Salvage pump assembly 51721563 became effective on 4/22/08 with SiteStar S/N LUBE081012.

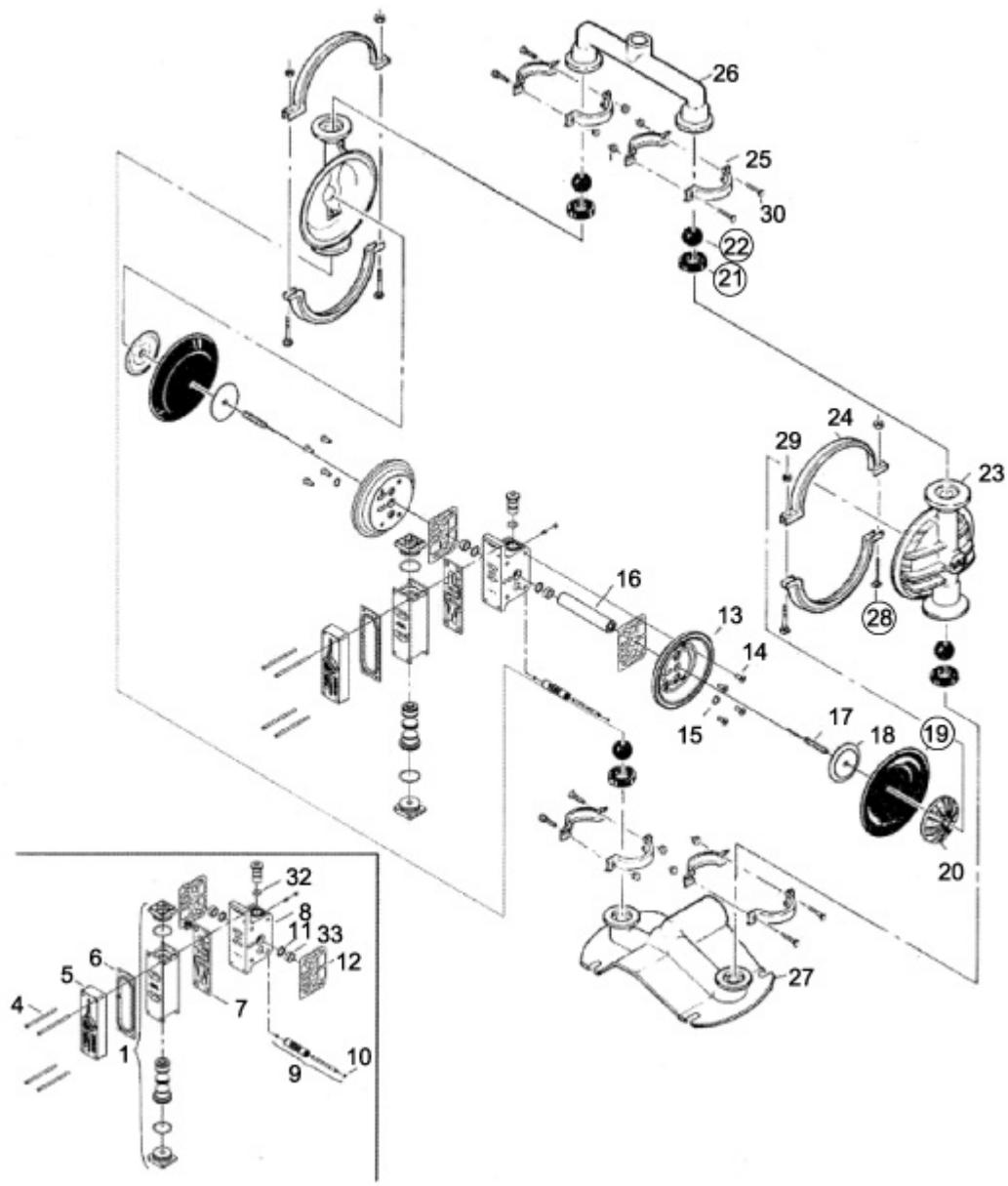


51721563 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70734333	PUMP-DIAPHRAGM 1.50in 92 GPM	1
2.	71415408	MUFFLER - PART OF 70734333	1
3.	70048017	REGULATOR-AIR 3/8in NPT	1
4.	70734030	VALVE-4 WAY 1 INCH	1
5.	72053094	NIPPLE-PIPE BLK .50X 3.00	1
6.	72053185	NIPPLE-PIPE BLK 1.00X CLOSE	1
7.	72053193	NIPPLE-PIPE BLK 1.00X 8.00	1
8.	72053680	ADPTR-MPT/M JIC 1.00 16	3
9.	72531103	ELBOW-STL 1.00 X 90 DEG	1
10.	72531133	ELBOW-STREET STL .50 X 90 DEG	1
11.	72531134	ELBOW-STREET STL 1.00 X 90 DEG	1
12.	72531421	ELBOW-MPT/90/M JIC .50 8	1
13.	72531825	REDUCER BUSH-STL 1.50-1.00	1
14.	72531833	REDUCER BUSH-STL .75-.50	1
15.	72533386	HOSE FTG-TYPE F 16 1.00 PARK	2

51721563 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
16.	72534393	ELBOW-M MPT/90/JIC 20 16	1
17.	89393811	HOSE-HYD 1.00 100R4 881-16 PAR	14 in
REV B 20120502			

Salvage System Pump (70734333) (Eff. 5/2008)



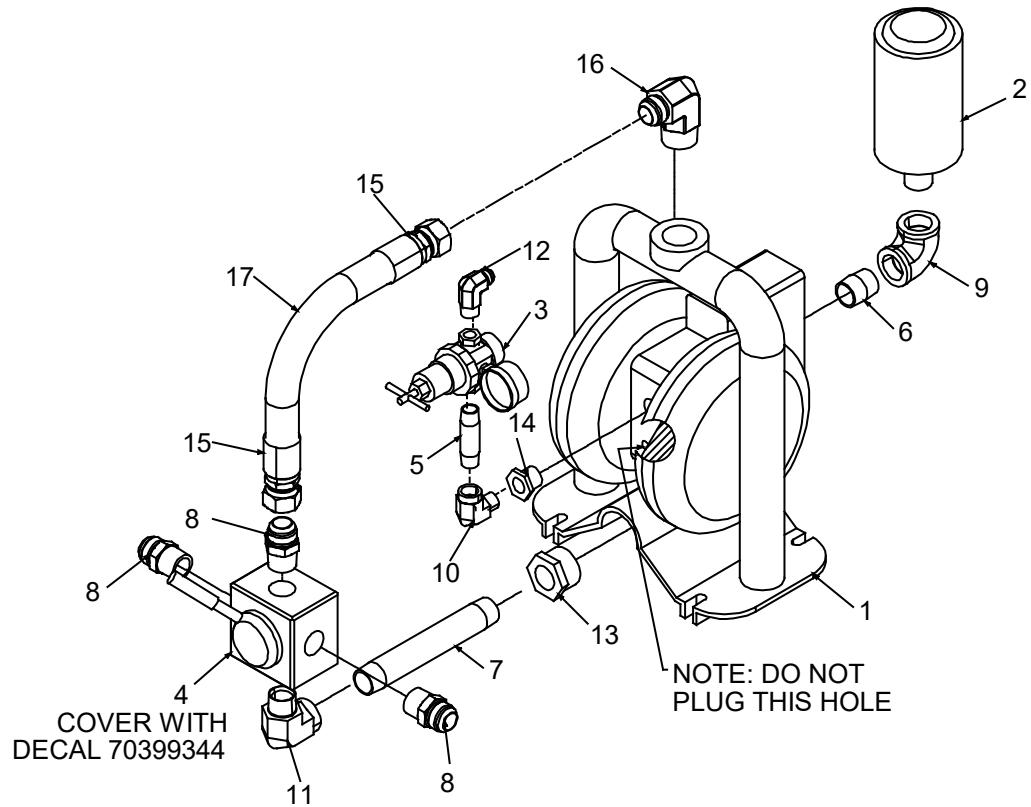
70734333 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	73734350	ASSEMBLY, AIR VALVE (INCLUDES 2 & 3)	1
2.		O-RING, END CAP	2
3.		END CAP	2
4.		CAPSCREW, SOCKETHEAD, 1/4-20 X 4-1/2"	4
5.		MUFFLER PLATE	1
6.	73734351	GASKET, MUFFLER PLATE	1
7.	73734352	GASKET, AIR VALVE	1
8.		CENTER BLOCK ASSEMBLY	1
9.	73734353	PILOT SLEEVE ASSEMBLY	1

1013	73734354	PILOT SPOOL RETAINING O-RING	2
.			
11.	73734086	SHAFT SEAL	2
12.	73734355	GASKET, CENTER BLOCK	2
13.		AIR CHAMBER	2
14.		SCREW, HSFHS 3/8"-16 X 1"	8
15.		RETAINING RING	2
16.	71415390	SHAFT	1
17.	71415391	SHAFT STUD	2
18.		PISTON, INNER	2
19.	73734087	DIAPHRAGM	2
20.		PISTON, OUTER	2
21.	73734088	VALVE SEAT	4
22.	73734089	VALVE BALL	4
23.		LIQUID CHAMBER	2
24.		LARGE CLAMP BAND ASSEMBLY	2
25.		SMALL CLAMP BAND ASSEMBLY	4
26.		MANIFOLD, DISCHARGE	1
27.		MANIFOLD, FOOTED INLET	1
28.		CARRIAGE BOLT, LARGE CLAMP BAND 5/16"-18X2-1/2"	4
29.		HEX NUT, LARGE CLAMP BAND (5/16"-18)	4
30.		CARRIAGE BOLT, SMALL CLAMP BAND (1/4"-20X2")	8
31.		HEX NUT, SMALL CLAMP BAND (1/4" -20)	8
32.		O-RING, ADJUSTER	1
33.	73734356	BUSHING, SHAFT	2
		MUFFLER (NOT SHOWN)	1
		WASHER, FLAT, 1/4" (NOT SHOWN)	8
		WASHER, FLAT, 5/16" (NOT SHOWN)	4

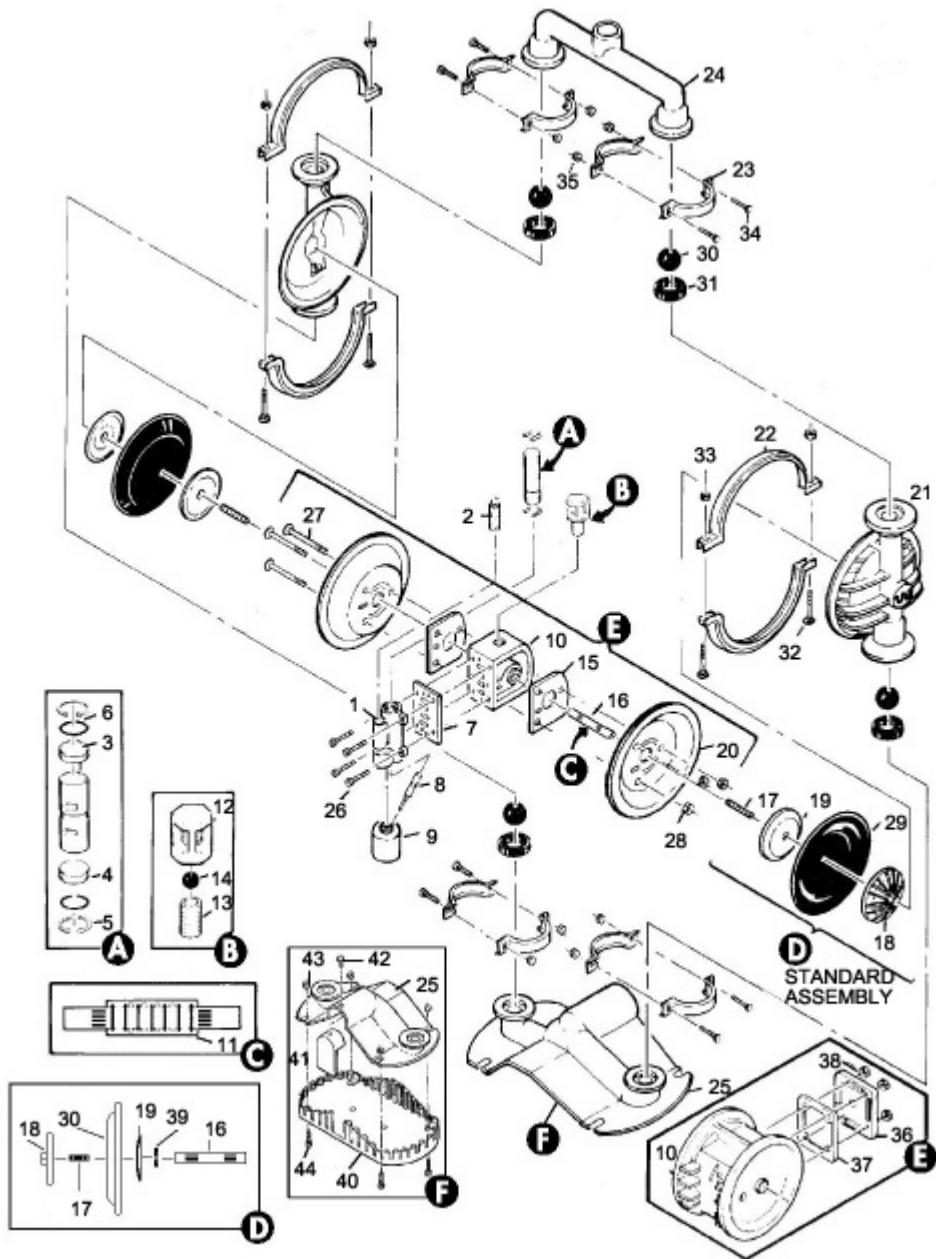
Salvage System Pump Assembly (51705363) (Thru 4/2008)

Salvage pump assembly 51705363 was effective through 4/22/08, SiteStar S/N LUBE081011.
Replaced by 51721563.



51705363 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70731383	PUMP	1
2.	72531421	ELBOW-MPT/90/M JIC .50 8	1
3.	72053680	ADPTR-MPT/M JIC 1.00 16	3
4.	72053096	NIPPLE-PIPE BLK .50X 4.00	1
5.	70734030	VALVE-4 WAY 1 INCH	1
6.	72531825	REDUCER BUSH-STL 1.50-1.00	1
7.	72053193	NIPPLE-PIPE BLK 1.00X 8.00 (WAS 72053193, 72053195)	1
8.	72531134	ELBOW-STREET STL 1.00 X 90 DEG	1
9.	72534393	ELBOW-M MPT/90/JIC 20 16	1
10.	70048017	REGULATOR-AIR	1
11.	72533386	HOSE FTG-TYPE F 16 1.00 PARK	2
12.	89393401	HOSE-HYD 1.25	1.5'
REV. B 20070209			

Salvage System Pump (70731383) (Thru 4/2008)



70731383 PARTS LIST

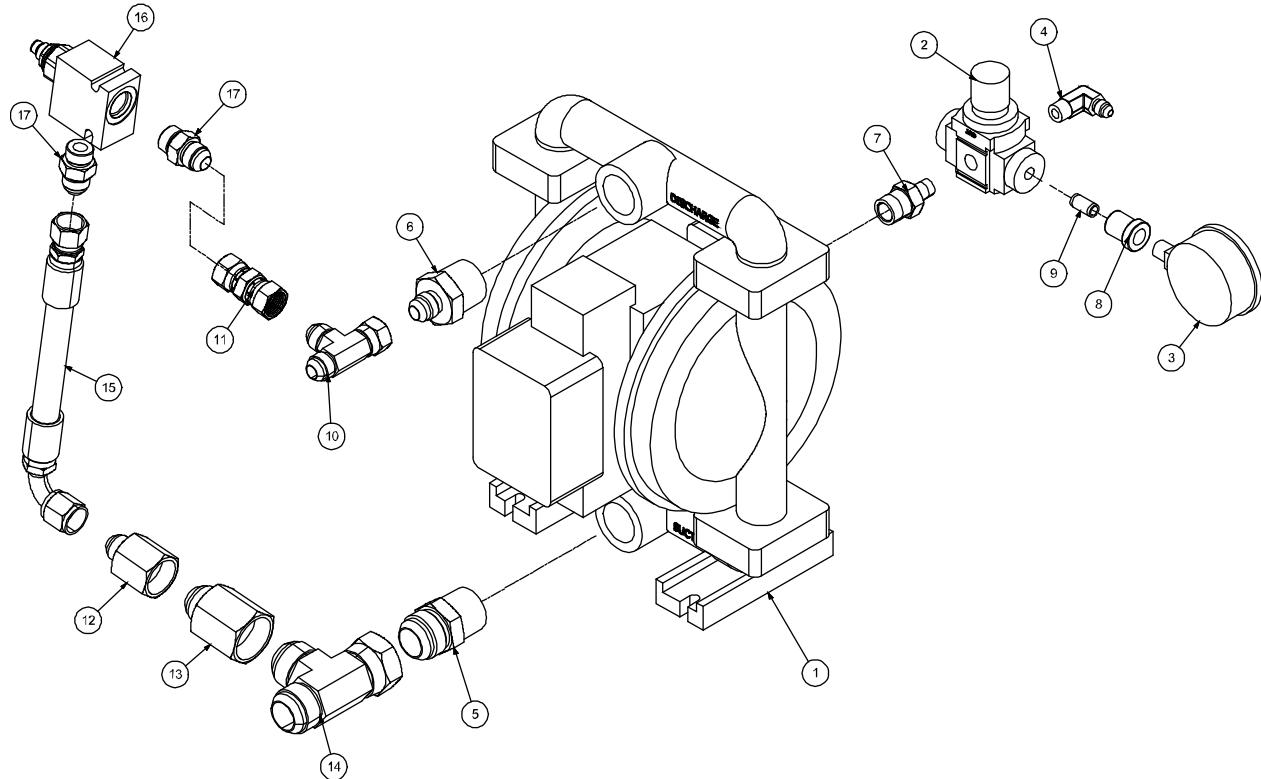
ITEM	PART #	DESCRIPTION	QUANTITY
1.	73734085	AIR VALVE	1
2.		AIR VALVE SCREEN	1
3.		AIR VALVE CAP W/GUIDE (TOP)	1
4.		AIR VALVE CAP W/O GUIDE (BOTTOM)	1
5.		SNAP RING	2
6.		AIR VALVE CAP O-RING	2
7.		AIR VALVE GASKET	1
8.		LUBRICATOR CAPILLARY ROD ASM (OPT)	1
9.		LUBRICATOR OIL BOTTLE (OPT)	1
10.		CENTER SECTION/BLOCK	1
11.	73734086	GLYD RING	7
12.		CHECK BODY	1

70731383 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
13.		NIPPLE 3/4XCLOSE	1
14.		CHECK BALL	1
15.		BLOCK GASKET	2
16.	71416531	SHAFT	1
17.		SHAFT STUD	2
18.		PISTON, OUTER	2
19.		PISTON, INNER	2
20.		AIR CHAMBER	NOT REQ'D
21.		LIQUID CHAMBER	2
22.		CLAMP BAND (LARGE)	2
23.		CLAMP BAND (SMALL)	4
24.		DISCHARGE MANIFOLD	1
25.		INLET HOUSING	1
26.		AIR VALVE CAP SCREW	4
27.		CAP SCREW, HH 1/4-20X3	NOT REQ'D
28.		NUT, HH 1/4-20	NOT REQ'D
29.	73734087	DIAPHRAGM	2
30.	73734088	VALVE BALL	4
31.	73734089	VALVE SEAT	4
32.		BOLT, LARGE CLAMP BAND, 5/16-18X2.25	4
33.		NUT, LARGE HEX 5/16-18	4
34.		BOLT, SMALL CLAMP BAND, 1/4-20X1-3/4	8
35.		NUT, SMALL HEX 1/4-20	8
36.		MUFFLER PLATE	1
37.		MUFFLER PLATE GASKET	1
38.		NUT, HEX 1/4-20	4
39.		SPACER	2
40.		SCREEN, STALLION	1
41.		SUCTION COVER	1
42.		SCREW, HHC 3/8-16X7/8	1
43.		NUT, HEX 3/8-16	4
44.		SCREW, HHC 3/8-16X1-1/2	4
		BUMPER PAD	NOT SHOWN

Antifreeze/Water Pump Assembly (51721588)

Effective: 4/2021

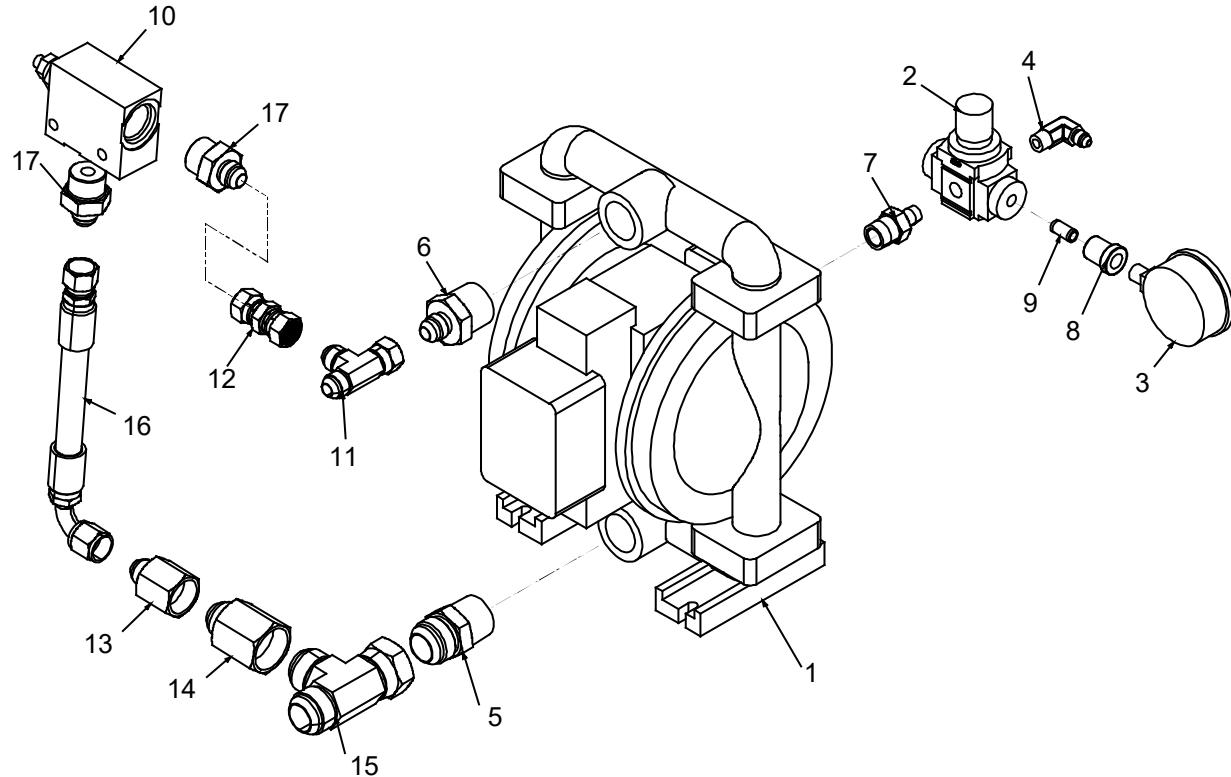


ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	70734343	PUMP-DIAPHRAGM 1.00in METALLIC	1
2.	70048239	REGULATOR-AIR ADJ 0-60PSI .25NPT	1
3.	70048205	GAUGE-PRESS AIR 300 (6001-2.5)	1
4.	72531412	ELBOW-MPT/90/M JIC .25 4	1
5.	72053680	ADPTR-MPT/M JIC 1.00 16	1
6.	72534558	ADPTR-MPT/M JIC 1.00 8	1
7.	72053724	ADPTR-MPT/HEX/MPT .50 .25	1
8.	72053431	COUPLING-RED BLK .25 - .12	1

ITEM NO.	PART NO.	DESCRIPTION	QTY.
9.	72053000	NIPPLE-PIPE BLK .12X CLOSE	1
10.	72532657	TEE-SWVL NUT RUN JIC 8	1
11.	72534371	UNION-F JIC/SWIVEL/F JIC -8 -8	1
12.	72532972	ADPTR-M JIC/F JIC 8 12	1
13.	72533028	ADPTR-M JIC/F JIC 12 16	1
14.	72533000	TEE-SWVL NUT RUN JIC 16	1
15.	51397448	HOSE-FJ .50 X 9.00 (8-8) 100R2	1
16.	73540667	VALVE-RELIEF ANTIFREEZE 150 PSI	1
17.	72532358	ADPTR-MSTR/MJIC #8 #8	2
REV. C CN1209			

Antifreeze/Water Pump Assembly (51721588)

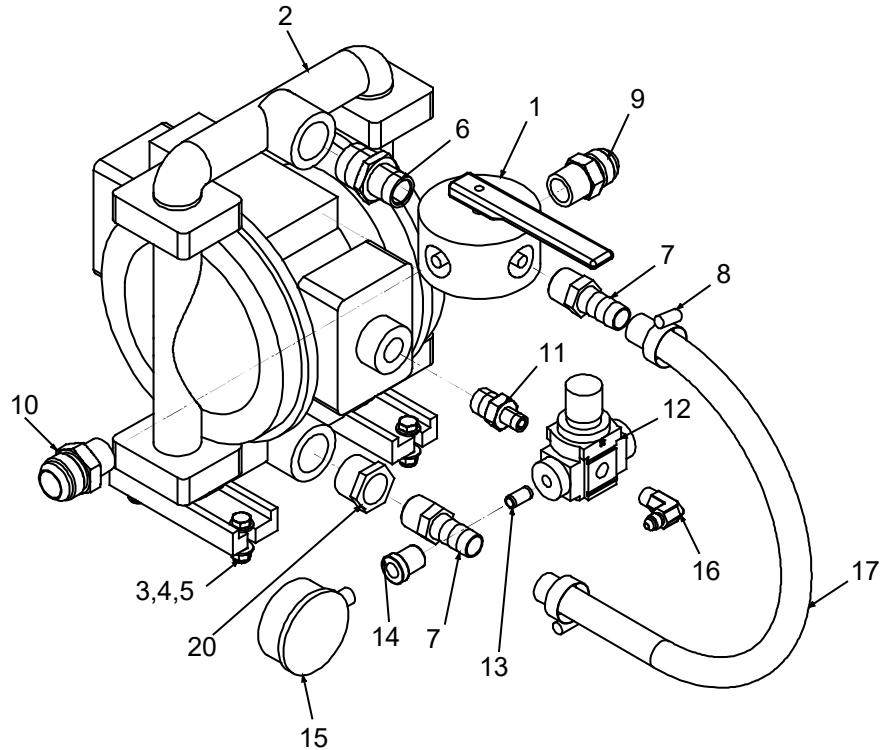
(Eff. 6-2008)



51721588 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70734343	PUMP-DIAPHRAGM 1.00in METALLIC	1
2.	70048239	REGULATOR-AIR ADJ 0-60 PSI, .25NPT	1
3.	70048205	GAUGE-PRESS AIR 300 (6001-2.5)	1
4.	72531412	ELBOW-MPT/90/M JIC .25 4	1
5.	72053680	ADPTR-MPT/M JIC 1.00 16	1
6.	72534558	ADPTR-MPT/M JIC 1.00 8	1
7.	72053724	ADPTR-MPT/HEX/MPT .50 .25	1
8.	72053431	COUPLING-RED BLK .25 - .12	1
9.	72053000	NIPPLE-PIPE BLK .12X CLOSE	1
10.	73540311	VALVE-RELIEF IN-LINE 150PSI A8A060ZN	1
11.	72532657	TEE-SWVL NUT RUN JIC 8	1
12.	72534371	UNION-F JIC/SWIVEL/F JIC -8 -8	1
13.	72532972	ADPTR-M JIC/F JIC 8 12	1
14.	72533028	ADPTR-M JIC/F JIC 12 16	1
15.	72533000	TEE-SWVL NUT RUN JIC 16	1
16.	51397448	HOSE-FJ .50 X 9.00 (8-8) 100R2	1
17.	72532360	ADPTR-M STR/M JIC 12 8	2
REV. B 20091103			

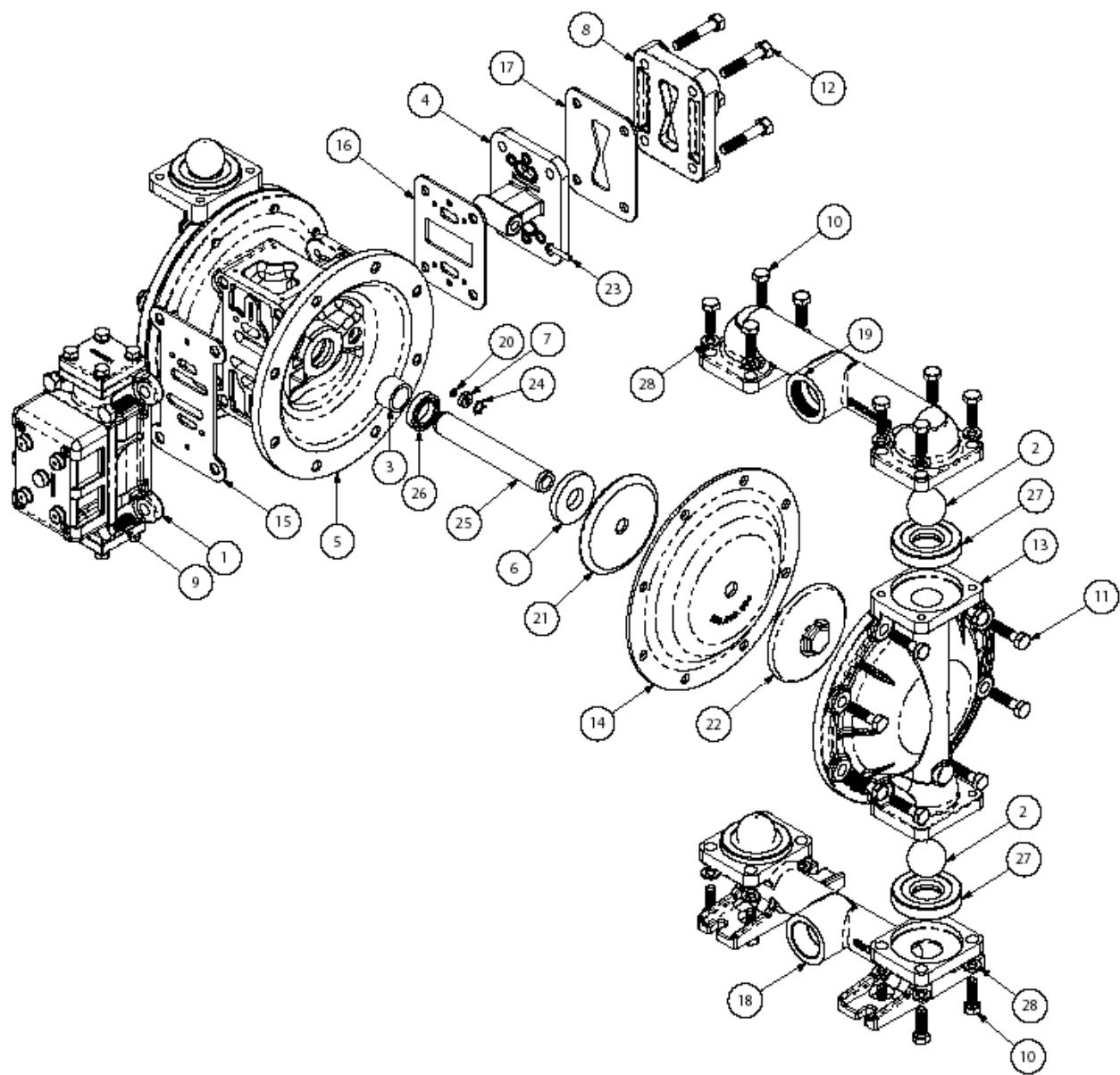
Antifreeze Salvage Pump Assembly (51721590) (Eff. 6-2008)



51721590 PARTS LIST

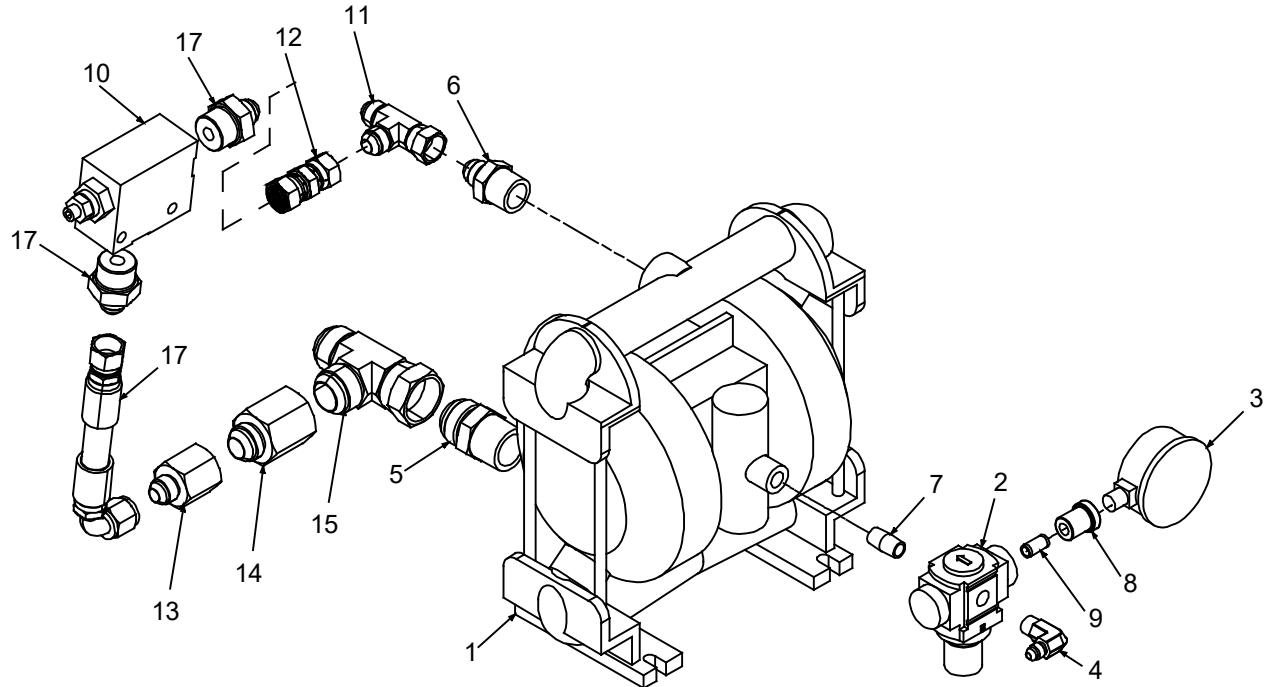
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70732360	VALVE-4WAY	1
2.	70734343	PUMP-DIAPHRAGM 1.00in METALLIC	1
3.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	4
4.	72062109	NUT .31-18 HEX NYLOCK	4
5.	72063002	WASHER .31 FLAT	8
6.	72053727	ADPTR-MPT/HEX/MPT 1.00 .75	1
7.	72053458	NIPPLE-BARB BRS .75MPT .75	2
8.	72066000	CLAMP-HOSE .50-1.25 SAE 12	2
9.	72053676	ADPTR-MPT/M JIC .75 12	1
10.	72053679	ADPTR-MPT/M JIC .75 16	1
11.	72053724	ADPTR-MPT/HEX/MPT .50 .25	1
12.	70048239	REGULATOR-AIR ADJ	1
13.	72053000	NIPPLE-PIPE BLK .12X CLOSE	1
14.	72053431	COUPLING-RED BLK .25 - .12	1
15.	70048205	GAUGE-PRESS AIR 300 (6001-2.5)	1
16.	72531412	ELBOW-MPT/90/M JIC .25 4	1
17.	89393634	HOSE-HYD .75 100R4	18"
20.	72053376	REDUCER BUSH-BLK 1.00- .75	1
REV B 20120502			

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



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

Antifreeze/Water Pump Assembly (51720450/Dwg. 99904051) (Through 5-2008)

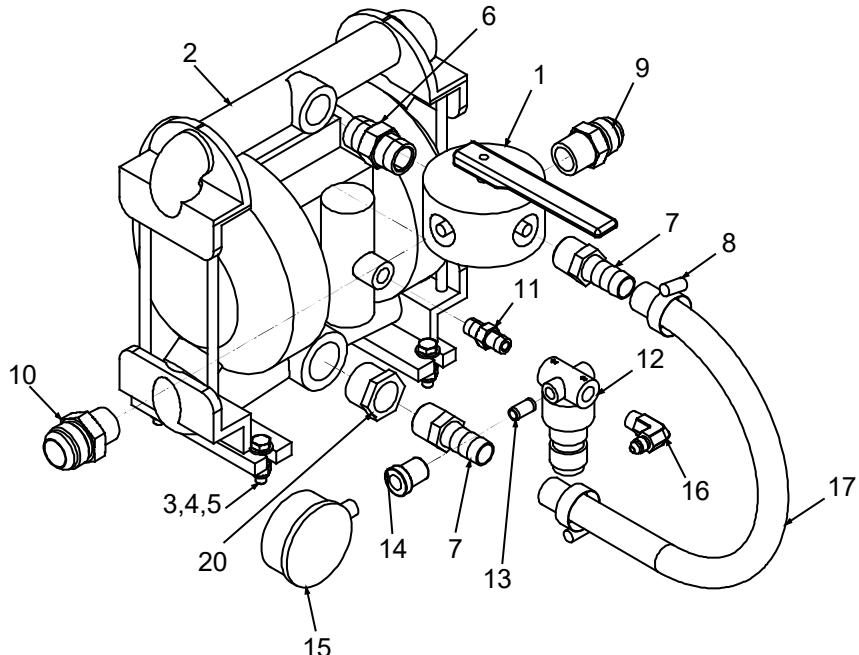


99904051 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70731387	PUMP	1
2.	70048239	REGULATOR-AIR ADJ (WAS 70048147)	1
3.	70048205	GAUGE-PRESS AIR	1
4.	72531412	ELBOW-MPT/90/M JIC .25 4	1
5.	72053680	ADPTR-MPT/M JIC 1.00 16	1
6.	72053671	ADPTR-MPT/M JIC .75 8	1
7.	72053013	NIPPLE-PIPE BLK .25X CLOSE	1
8.	72053431	COUPLING-RED BLK .25 - .12	1
9.	72053000	NIPPLE-PIPE BLK .12X CLOSE	1
10.	73540311	VALVE-RELIEF IN-LINE 150PSI (WAS 73055279)	1
11.	72532657	TEE-SWVL NUT RUN JIC 8	1
12.	72534371	UNION-F JIC/SWIVEL/F JIC -8 -8	1
13.	72532972	ADPTR-M JIC/F JIC 8 12	1
14.	72533028	ADPTR-M JIC/F JIC 12 16	1
15.	72533000	TEE-SWVL NUT RUN JIC 16	1
16.	51396939	HOSE-FJ .50 X 7.00 (8-8) 100R2	1
17.	72532360	ADPTR-#12MSTR/#8MJIC	2
REV. B 20111031			

NOTE: REFERENCE RETROFIT KIT 91720435 FOR USE WITH PUMP ASSEMBLY 51719893.

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

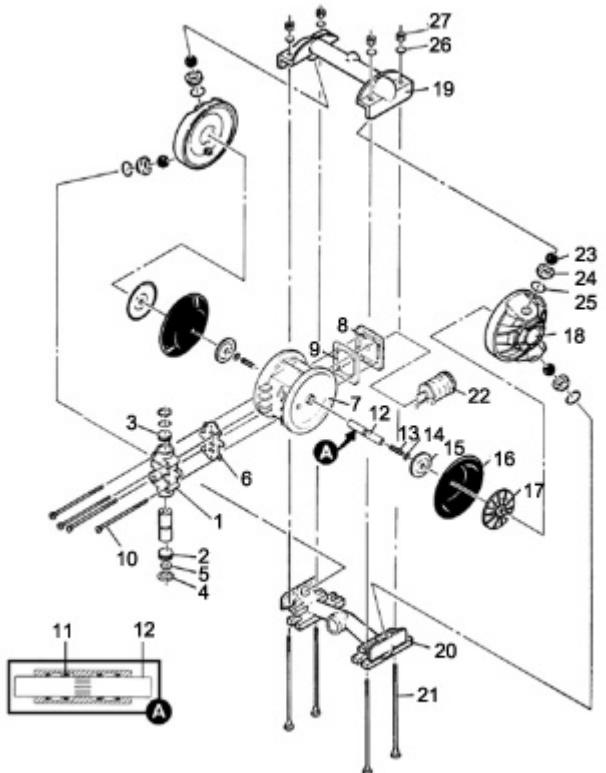


51720270 PARTS LIST (DRAWING 99904048)

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

Oil/Antifreeze/Salvage Pump (70731387) (Through 5-2008)



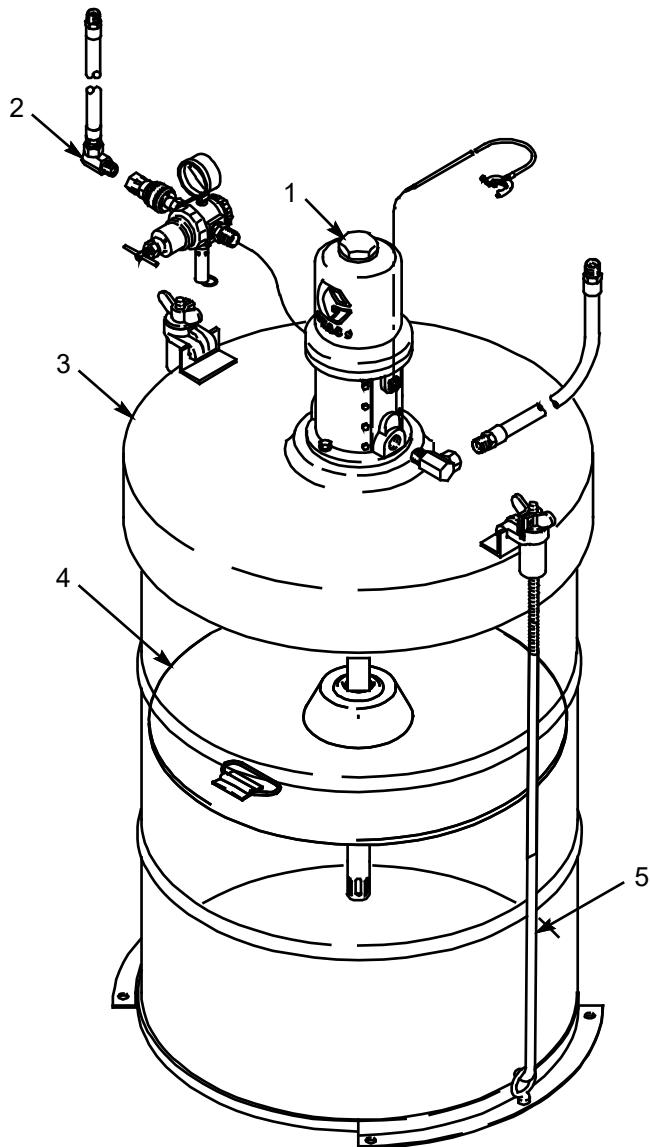
70731387 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	73734090	AIR VALVE ASSEMBLY	1
2.		AIR VALVE CAP W/O GUIDE (BOTTOM)	1
3.		AIR VALVE CAP W/GUIDE (TOP)	1
4.		SNAP RING	2
5.		AIR VALVE CAP O-RING	2
6.		AIR VALVE GASKET	1
7.		CENTER SECTION	1
8.		MUFFLER PLATE	1
9.		MUFFLER PLATE GASKET	1
10.		AIR VALVE SCREWS - 1/4-20X6"	4
11.	73734091	CENTER SECTION GLYD RING	4
12.		SHAFT	1
13.		STUD 3/8" -16X1-1/4"	N/A
14.		DISC SPRING	2
15.		PISTONS-INNER	2
16.	73734092	DIAPHRAGM	2
17.		PISTONS-OUTER	2
18.		LIQUID CHAMBER	2
19.		DISCHARGE MANIFOLD	1
20.		INLET HOUSING	1
21.		MANIFOLD BOLT 3/8"-16X8-1/2"	4
22.		MUFFLER	1
23.	73734093	VALVE BALLS	4
24.	73734094	VALVE SEAT	4
25.	73734095	VALVE SEAT O-RING	4

70731387 PARTS LIST

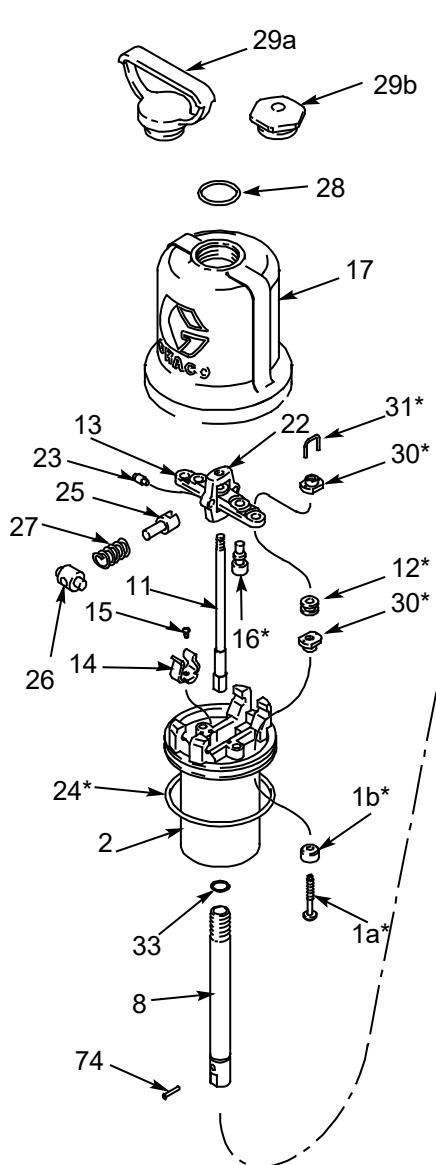
ITEM	PART #	DESCRIPTION	QUANTITY
26.		MANIFOLD BOLT WASHER 3/8"	4
27.		MANIFOLD BOLT NUT 3/8"-16	4

120# Grease Pump Assembly (90073283)

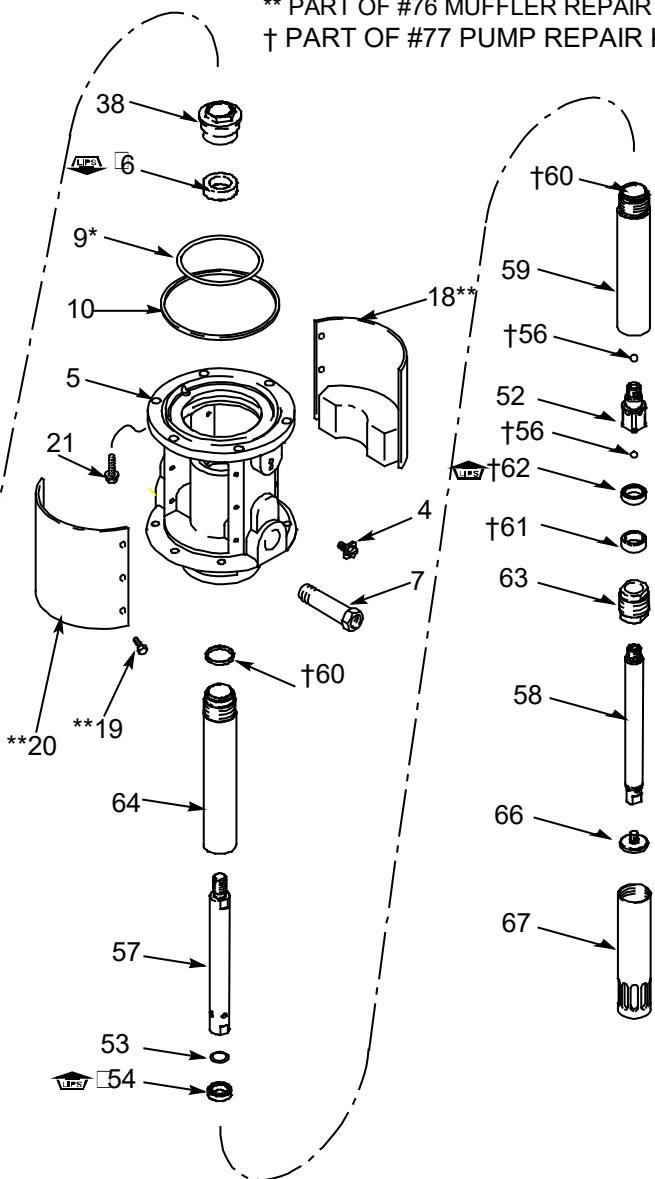

90073283 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70734059	PUMP, GREASE	1
2.	94393039	HOSE & FITTING KIT	1
3.	70143554	COVER	1
4.	70141123	PLATE, FOLLOW	1
5.	70732109	KIT, HOLD DOWN	1

Grease Pump, 120# (70734059)



* PART OF #75 AIR MOTOR REPAIR KIT
 ** PART OF #76 MUFFLER REPAIR KIT
 † PART OF #77 PUMP REPAIR KIT



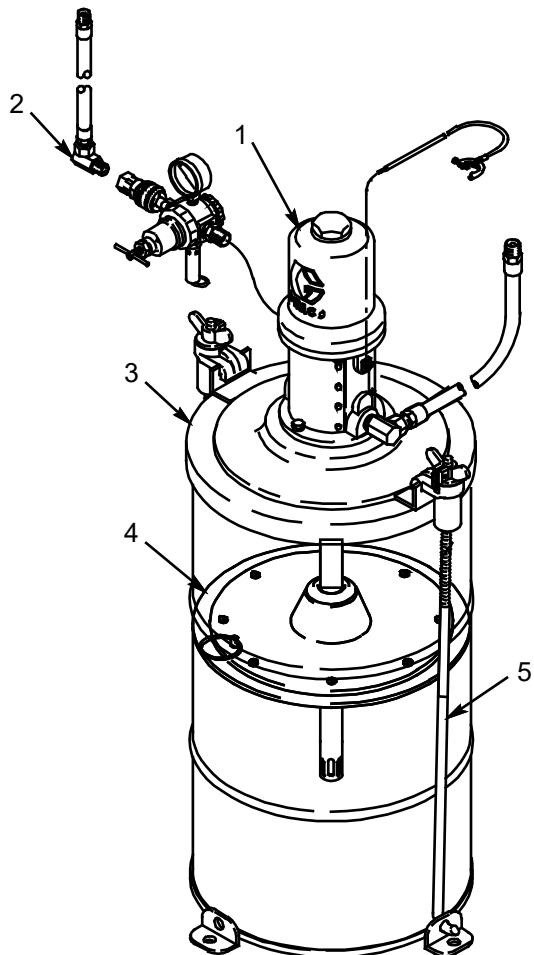
70734059 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	PART OF 75	VALVE, POPPET (INCL 1A & 1B)	
1A.		STEM, VALVE	1
1B.		POPPET, VALVE; URETHANE	1
2.		PISTON, AIR MOTOR	1
4.		SCREW, GROUNDING	1
5.		BASE	1
6.	PART OF 77	SEAL, THROAT; POLYURETHANE	1

70734059 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
7.		ADAPTER; 3/8 NPT(M) X 1/4 NPT(F)	1
8.		ROD, DISPLACEMENT	1
9.		O-RING, BUNA-N	1
10.		O-RING, BUNA-N	1
11.		ROD, TRIP	1
12.	PART OF 75	GROMMET, RUBBER, AIR INTAKE	2
13.		ACTUATOR, VALVE	1
14.		CLIP, SPRING	2
15.		SCREW, RD HD MACH; 6-32X25	
16.	PART OF 75	POPPET, VALVE; URETHANE	2
17.		CYLINDER, AIR MOTOR	1
18.	PART OF 76	PLATE, IDENTIFICATION; WITH MUFFLER	1
19.	PART OF 76	SCREW , HEX HEAD; 8-32X3/8	12
20.		PLATE, WARNING; WITH MUFFLER	1
21.		SCREW, HEX HEAD;8-32X3/8	
22.		YOKE, ROD, TRIP	1
23.		PIN, TOGGLE	2
24.		O-RING, NITRILE RUBBER	1
25.		ARM, TOGGLE	2
26.		ROCKER, TOGGLE	2
27.		SPRING, HELICAL COMPRESSION	2
28.		O-RING; BUNA-N	1
29.		NUT, CYLINDER, CAP	
30.	PART OF 75	NUT, ADJUSTING	4
31.	PART OF 75	LOCKWIRE, TRANSFER VALVE	2
33.		GASKET; COPPER	1
38.		NUT, PACKING	1
52.		PISTON	1
53.		RETAINER, PISTON SEAL	1
54.	PART OF 77	SEAL, PISTON; BLUE FLUOROTREL	1
56.	PART OF 77	BALL	2
57.		ROD, EXTENSION	1
58.		ROD, SHOVEL	1
59.		CYLINDER, PUMP	1
60.	PART OF 77	SEAL, GASKET	2
61.	PART OF 77	BEARING, SHOVEL ROD	1
62.	PART OF 77	SEAL, SHOVEL ROD; POLYURETHANE	1
63.		CONNECTOR, TUBE	1
64.		TUBE, EXTENSION	
66.		SHOVEL	1
67.		TUBE, SHOVEL	1
74.		PIN, SPRING, STRAIGHT	1
75.	73734099	AIR MOTOR REPAIR KIT	REF
76.	73734100	MUFFLER REPAIR KIT	REF
77.	73734101	PUMP REPAIR KIT	REF
78.	73734102	PLIER, PADDED	REF
79.	73734103	GAUGE	REF

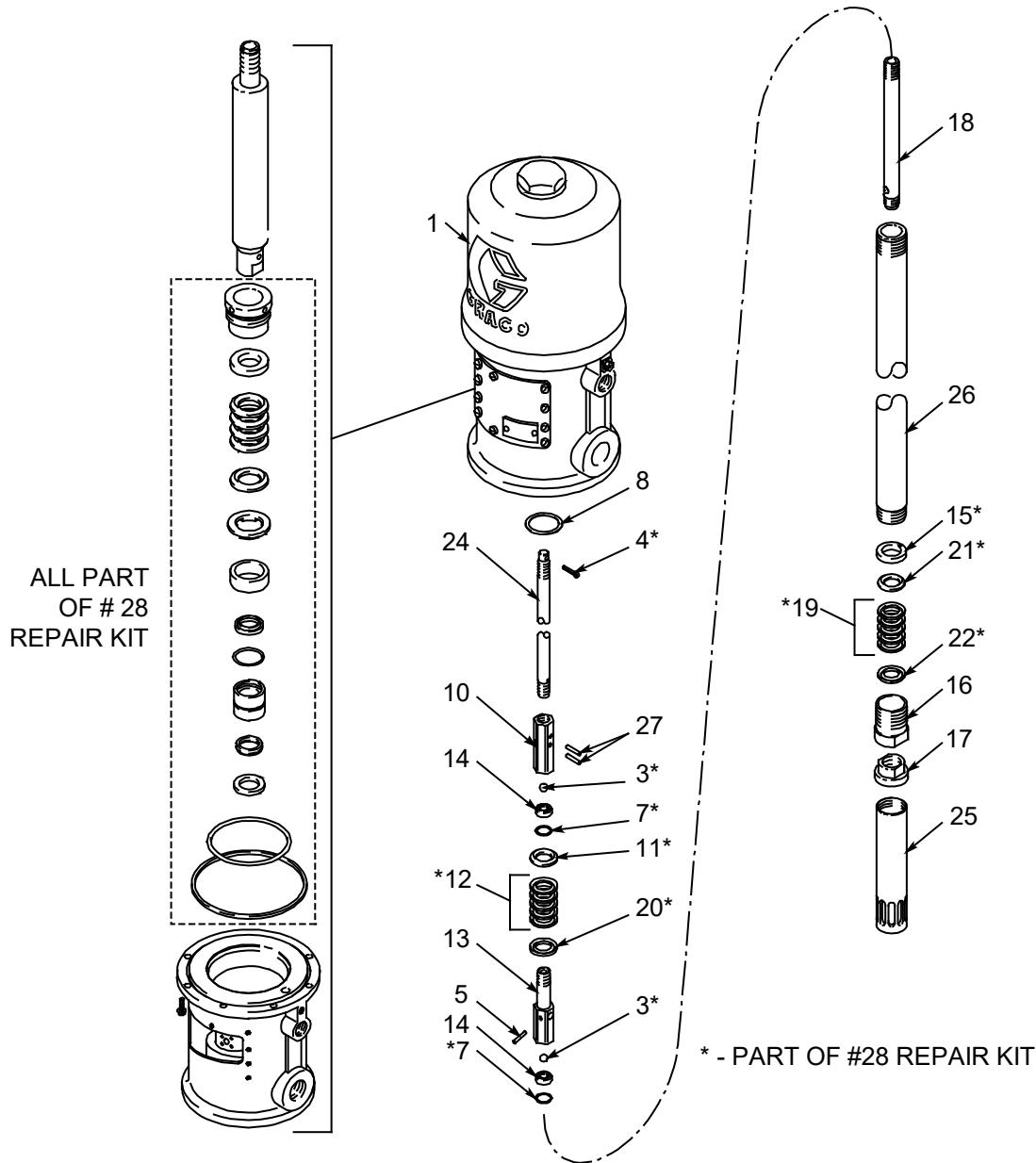
400 # Grease Pump Assembly (90073294)



90073294 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70073441	PUMP, 400# GREASE	1
2.		HOSE & FITTING KIT	1
3.	70073443	COVER	1
4.	71414730	PLATE, FOLLOW	1
5.	70073467	KIT, HOLD DOWN	1

Grease Pump, 400# (70073441)

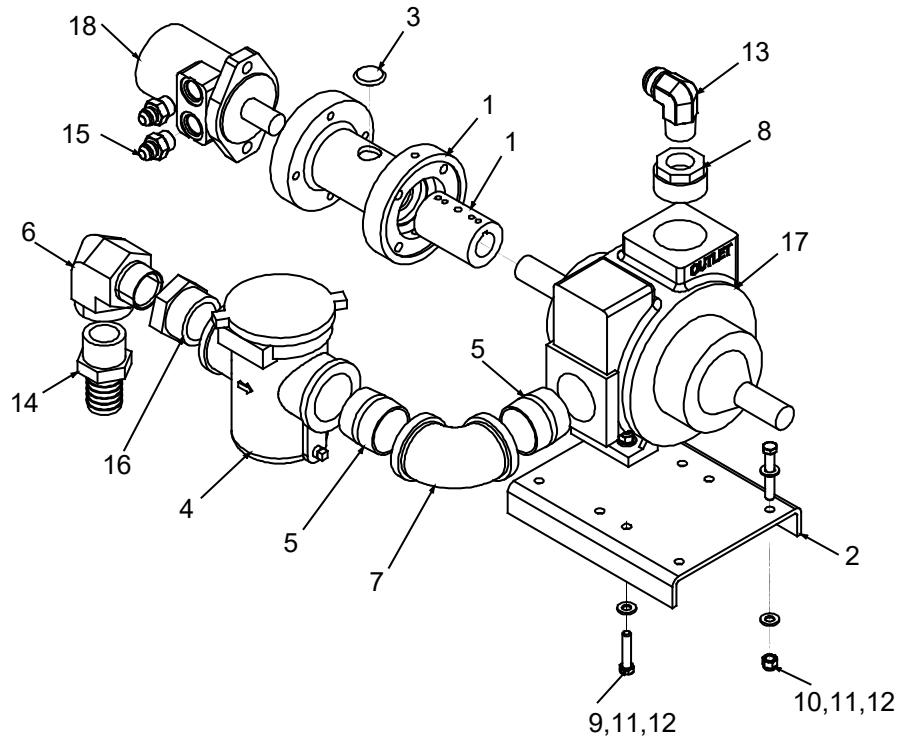


70073441 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.		AIR MOTOR	1
3.	PART OF 28	BALL, STEEL, 3/8" DIA.	2
4.	PART OF 28	PIN, COTTER, 7/64" X1"	1
5.	73734096	PIN, ROLL, 0.135" DIA.; 7/8" LONG	1
7.		GASKET, COPPER	2
8.		GASKET, COPPER	1
10.		HOUSING, PISTON VALVE	1
11.	PART OF 28	GLAND, MALE	1
12.	PART OF 28	V-PACKING, LEATHER	5

70073441 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
13.		HOUSING, INTAKE VALVE	1
14.		SEAT, VALVE	2
15.	PART OF 28	BEARING, BRASS	1
16.		HOUSING, PACKING	1
17.		PISTON, PRIMING	1
18.		TUBE, PRIMING	1
19.	PART OF 28	V-PACKING, LEATHER	5
20.	PART OF 28	GLAND, FEMALE	1
21.	PART OF 28	GLAND, MALE	1
22.	PART OF 28	GLAND, FEMALE	1
24.		ROD, CONNECTING; 19-13/32"	
25.		CYLINDER, INTAKE PRIMER	1
26.		TUBE, RISER; 28-1/4"	1
27.	73734097	PIN, SPRING; 0.135" X 1"	2
28.	73734098	REPAIR KIT	REF

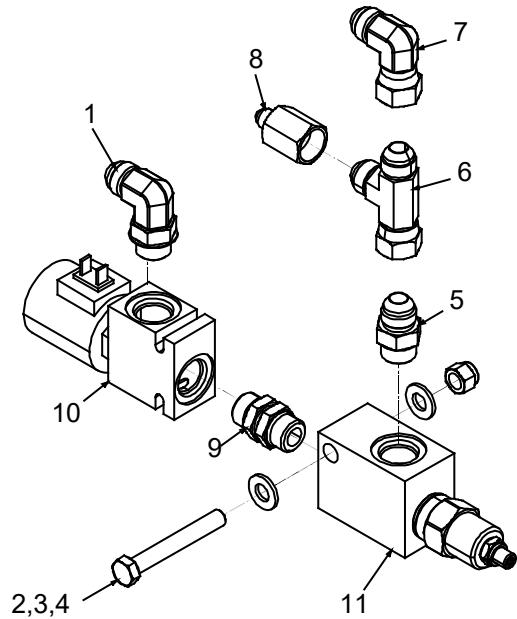
Pump Assembly, Lube/Diesel 40 GPM (51721082)



51721082 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	51715117	ADAPTER KIT-FUEL PUMP MODIFY FOR ASM	1
2.	60121586	MTG BRKT-FUEL PUMP BLACKMER 2 in.	1
3.	70034385	PLUG-PLSTC BUTTON FLUSH 1.00	1
4.	70143232	STRAINER-BASKET 2.00in 10 MESH	1
5.	72053260	NIPPLE-PIPE BLK 2.00X CLOSE	2
6.	72053288	ELBOW-STREET BLK 1.50 X 90 DEG	1
7.	72053329	ELBOW-BLK 2.00 X 90 DEG	1
8.	72053494	REDUCER BUSH-BLK 2.00-1.00	1
9.	72060049	CAP SCR .38-16X 1.75 HH GR5 Z	4
10.	72060052	CAP SCR .38-16X 2.50 HH GR5 Z	4
11.	72062103	NUT .38-16 HEX NYLOCK	8
12.	72063003	WASHER .38 FLAT	16
13.	72531430	ELBOW-MPT/90/M JIC 1.00 16	1
14.	72531552	NIPPLE-BARB STL 1.50MPT 1.50	1
15.	72532359	ADPTR-M STR/M JIC 10 8	2
16.	72534398	REDUCER BUSH-STL 2.00-1.50	1
17.	73051365	PUMP-FUEL	1
18.	73051760	MOTOR-HYDRAULIC	1
NEW 20070430			

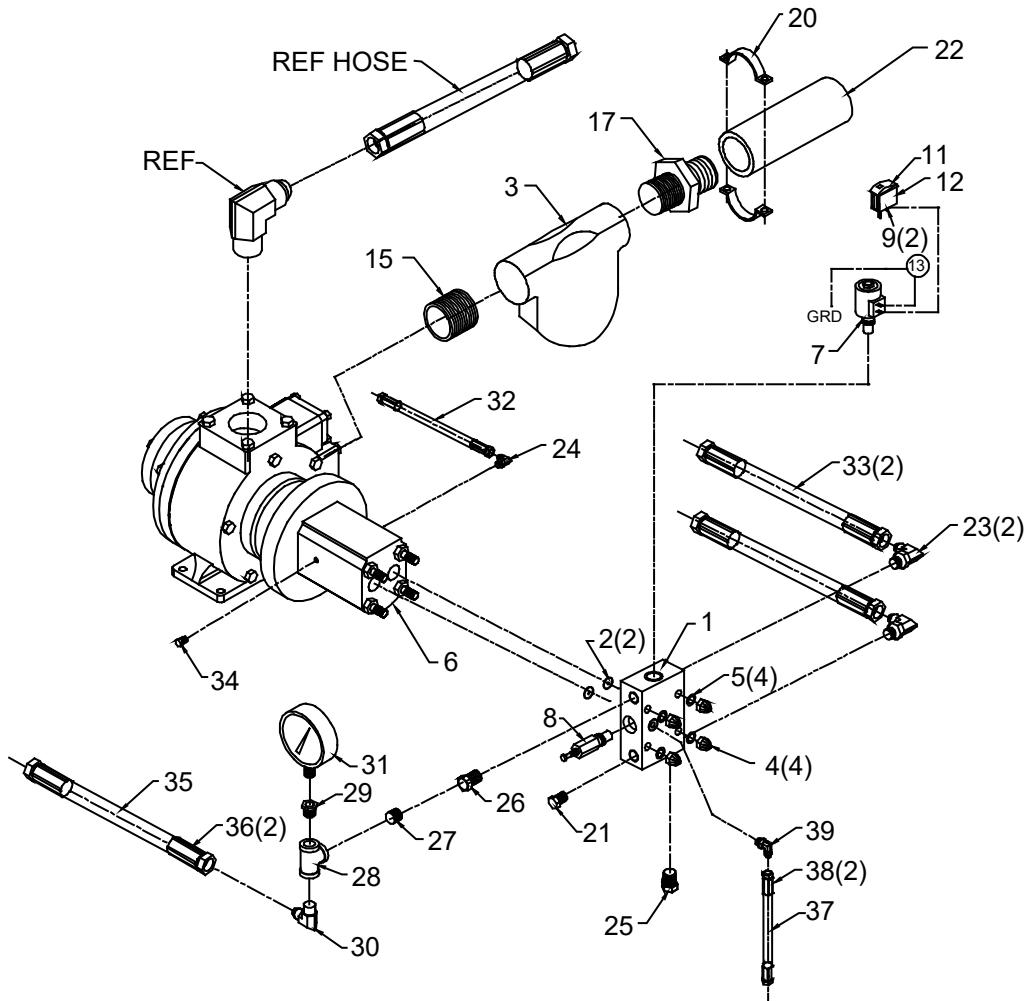
VALVE ASSEMBLY (51721082-1)



51721082-1 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	72053763	ELBOW-M STR/90/M JIC 8 8	1
2.	72060053	CAP SCR .38-16X 2.75 HH GR5	1
3.	72062103	NUT .38-16 HEX NYLOCK	1
4.	72063003	WASHER .38 FLAT	2
5.	72532358	ADPTR-M STR/M JIC 8 8	1
6.	72532657	TEE-SWVL NUT RUN JIC 8	1
7.	72532658	ELBOW-M JIC/F JIC SW 8 8	1
8.	72532665	ADPTR-M JIC/F JIC 4 8	1
9.	72532728	UNION-M STR/M STR .75 .75	1
10.	73054576	VALVE-SOL	1
11.	73054714	VALVE-FLOW REG	1
NEW 20070430			

Pump Assembly, Lube/Diesel 120 GPM (51710608)



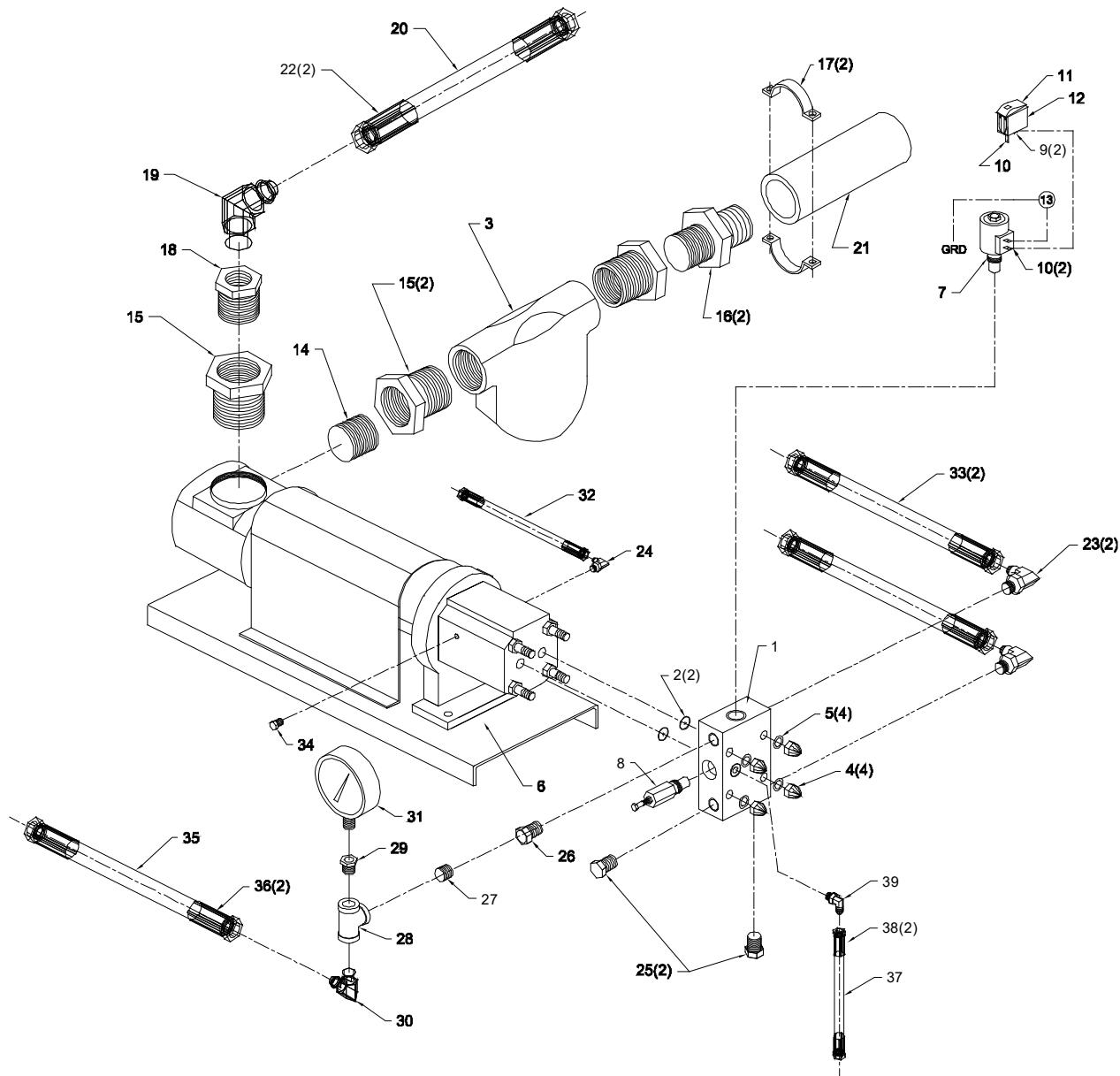
51710608 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	5V021870	MANIFOLD	1
2.	7Q072217	O-RING	2
3.	70143232	STRAINER	1
4.	72062134	NUT 1/2-13 ACORN HIGH	4
5.	72063053	WASHER 1/2 LOCK	4
6.	73051679	PUMP	1
7.	73054574	SOLENOID VALVE	1
8.	73054910	CARTRIDGE-FLOW	1
9.	77040137	TERMINAL #12 FSLPON	2
10.	60122442	SUPPORT BRACKET (NOT SHOWN)	1
11.	77041499	ROCKER SWITCH-RED ACTUATOR	1
12.	77041500	ROCKER SWITCH-BODY	1
13.	89044235	WIRE 14GA WHT	1FT

51710608 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
14.	52709490	MTG PLATE (NOT SHOWN)	1
15.	72053260	PIPE NIPPLE 2NPT X CLOSE	3
16.	72053329	ELBOW 2NPT 90°	3
17.	72532983	BARB NIPPLE 2 X 2NPT	5
18.	72053263	PIPE NIPPLE 2NPT X 6	1
19.	72053262	PIPE NIPPLE 2NPT X 4	1
20.	72066518	HOSE CLAMP 2" 2BOLT	5
21.	72532140	PLUG .56 STR HH	1
22.	89392583	HOSE 2" SUCTION	20FT
23.	72053763	ELBOW #8MSTR #8MJIC 90°	2
24.	72531412	ELBOW 1/4MPT #4MJIC 90°	1
25.	72532141	PLUG 3/4STR HH	1
26.	72053741	ADAPTER #8MSTR 1/2FPT	1
27.	72053725	ADAPTER 1/2MPT 1/2MPT HEX	1
28.	72053612	TEE 1/2NPT	1
29.	72053374	REDUCER BUSHING 1/2 - 1/4NPT	1
30.	72531421	ELBOW 1/2MPT #8MJIC 90°	1
31.	73054435	PR GAUGE 5000 PSI	1
32.	51703591	HOSE ASM FF 1/4X20	1
33.	51704311	HOSE ASM FF 1/2X24	2
34.	72053245	PIPE PLUG 1/4NPT SQHD	1
35.	89394043	HOSE-HYD 1/2 100R2	7FT
36.	72532975	HOSE FTG #8 1/2	2
37.	89394041	HOSE-HYD 1/4 100R2	2FT
38.	72533258	HOSE FTG #4 1/4	2
39.	72053758	ELBOW #4MSTR #4MJIC 90°	1
40.	52709490	MTG PLT-LUBE PUMP (NOT SHOWN)	1

REV. B 20070214

Pump Assembly, Lube/Diesel HV (51708625)



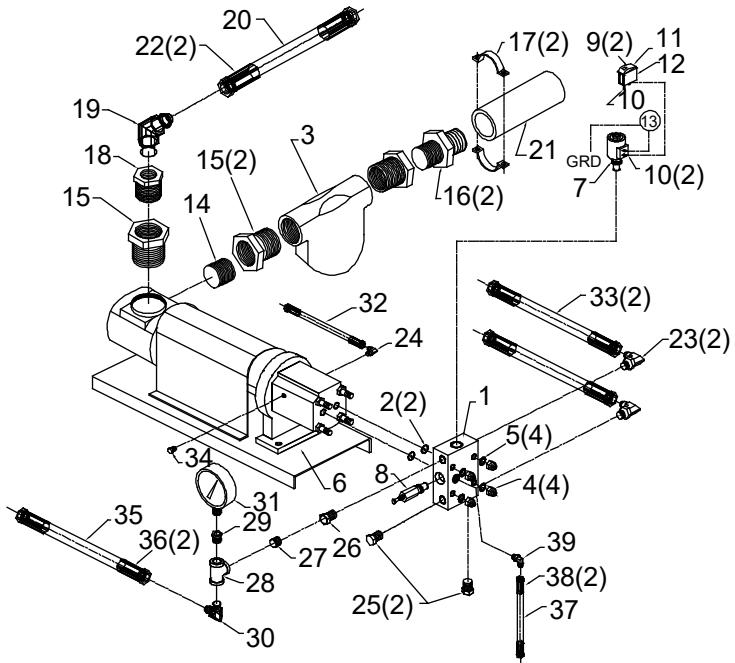
51708625 PARTS LIST

ITEM	PART #	DESCRIPTION	Qty.
1.	5V021870	MANIFOLD-PUMP (GEAR) LUBE BODY	1
2.	7Q072217	O RING 1.19 X 1.44 X 0.12	2
3.	70143232	STRAINER-BASKET 2.00" 10 MESH	1
4.	72062134	NUT 0.50-13 ACORN HIGH ZINC	4
5.	72063053	WASHER 0.50 LOCK ZINC	4
6.	73051666	PUMP-FUEL VIK23 HV-2889	1

51708625 PARTS LIST			
ITEM	PART #	DESCRIPTION	Qty.
7.	73054574	VALVE-SOL SV10-20-0-N-12DS	1
8.	73054910	CARTRIDGE-FLOW DE-FCA-00-8.0	1
9.	77040137	TERM FEM SLIP ON #12-10/0.25 TAB	2
10.	77040186	TERM-FSLPON I 0.25 TAB 16-14 GA	3
11.	77041499	SWITCH-ROCKER RED ACTUATOR	1
12.	77041500	SWITCH-ROCKER BODY	1
13.	89044235	WIRE-14 GA WHITE STRD TYPE GXL	1'
14.	72053251	NIPPLE-PIPE BLK 1.50 X CLOSE	1
15.	72534398	REDUCER BUSHING -STL 2.00-1.50	3
16.	72531552	NIPPLE-BARB STL 1.50MPT 1.50	2
17.	72066517	CLAMP-HOSE 1.50 2-BOLT	2
18.	72531825	REDUCER BUSH-STL 1.50-1.00	1
19.	72531430	ELBOW-MPT/90/M JIC 1.00 #16	1
20.	89393811	HOSE-HYD 1.00 100R4 881-16 PAR	4'
21.	89397483	HOSE-HYD 1.50 100R4	20'
22.	72533386	HOSE FTG-TYPE F #16 1.00 PARK	2
23.	72053763	ELBOW-M STR/90/M JIC #8 #8	2
24.	72531412	ELBOW-MPT/90/M JIC 0.25 #4	1
25.	72532141	PLUG-STR HEX HD STL 0.75	1
26.	72053741	ADPTR-M STR/FPT #8 0.50	1
27.	72053725	ADPTR-MPT/HEX/MPT 0.50 0.50	1
28.	72053612	TEE-STL 0.50	1
29.	72053374	REDUCER BUSH-BLK 0.50-0.25	1
30.	72531421	ELBOW-MPT/90/M JIC 0.50 #8	1
31.	73054435	GAUGE-PRESS LIQ FILLED 5000PSI	1
32.	51703591	HOSE ASM-TYPE FF 0.25 X 20.00	1
33.	51704311	HOSE ASM-TYPE FF 0.50 X 24.00	2
34.	72053245	PLUG-PIPE SQ HD BLK 0.25	1
35.	89394043	HOSE-HYD 0.50 100R2 301-8 PARK	7'
36.	72532975	HOSE FTG-TYPE F #8 0.50 PARK	2
37.	89394041	HOSE-HYD 0.25 100R2 301-4 PARK	2'
38.	72533258	HOSE FTG-TYPE F #4 0.25 PARK	2
39.	72053758	ELBOW-M STR/90/M JIC #4 #4	1

REV. C 20200702 CN1052

Pump Assembly, Lube/Diesel HV (51708625)



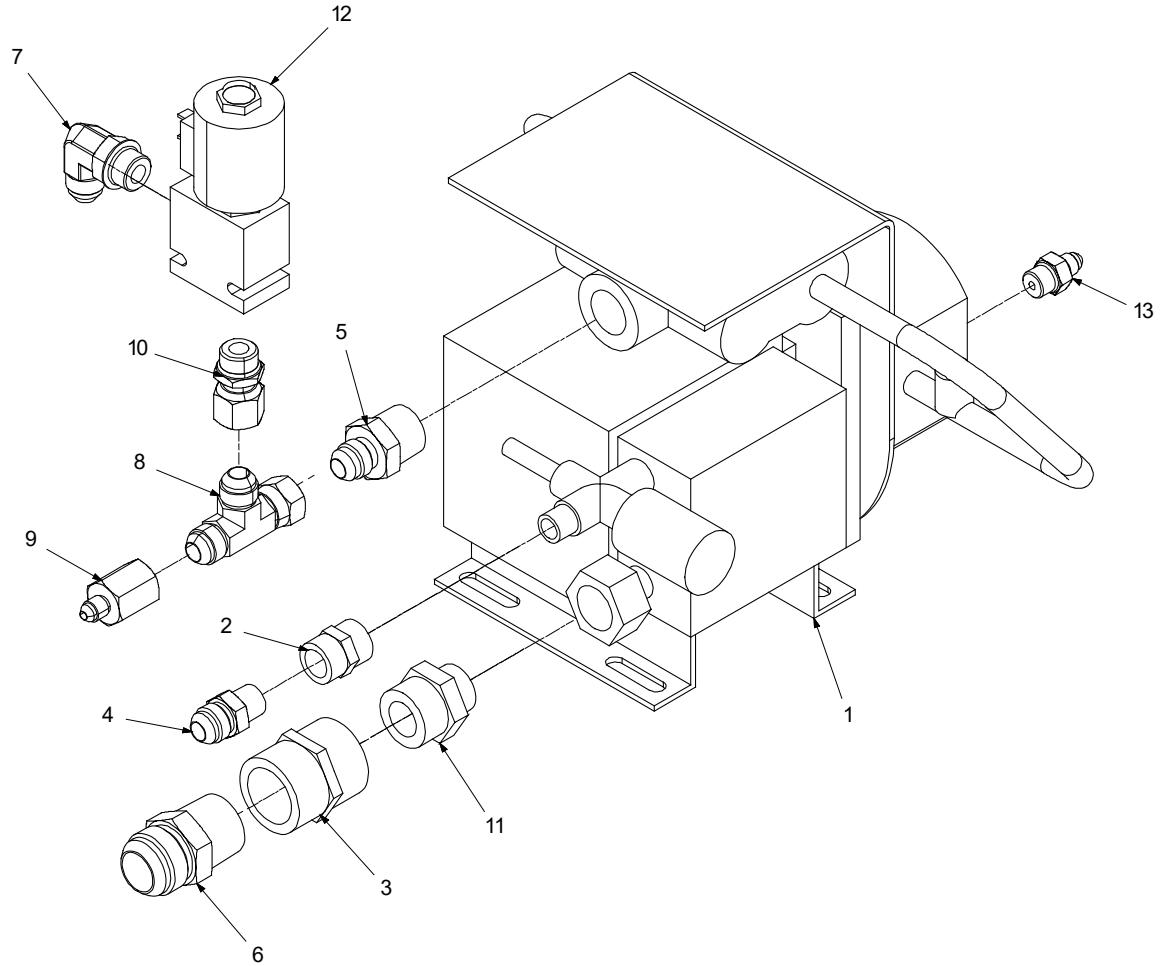
51708625 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	5V021870	MANIFOLD-PUMP (GEAR) LUBE BODY	1
2.	7Q072217	O RING 1.19 X 1.44 X 0.12	2
3.	70143232	STRAINER-BASKET 2.00" 10 MESH	1
4.	72062134	NUT 0.50-13 ACORN HIGH ZINC	4
5.	72063053	WASHER 0.50 LOCK ZINC	4
6.	73051666	PUMP-FUEL VIK23 HV-2889	1
7.	73054574	VALVE-SOL SV10-20-0-N-12DS	1
8.	73054910	CARTRIDGE-FLOW DE-FCA-00-8.0	1
9.	77040137	TERM FEM SLIP ON #12-10/0.25 TAB	2
10.	77040186	TERM-FSLPON I 0.25 TAB 16-14 GA	3
11.	77041499	SWITCH-ROCKER RED ACTUATOR	1
12.	77041500	SWITCH-ROCKER BODY	1
13.	89044235	WIRE-14 GA WHITE STRD TYPE GXL	1'
14.	72053251	NIPPLE-PIPE BLK 1.50 X CLOSE	1
15.	72534398	REDUCER BUSHING -STL 2.00-1.50	3
16.	72531552	NIPPLE-BARB STL 1.50MPT 1.50	2
17.	72066517	CLAMP-HOSE 1.50 2-BOLT	2
18.	72531825	REDUCER BUSH-STL 1.50-1.00	1
19.	72531430	ELBOW-MPT/90/M JIC 1.00 #16	1
20.	89393811	HOSE-HYD 1.00 100R4 881-16 PAR	4'
21.	89394074	HOSE-HYD 1.50 100R4 881-24 PAR	20'
22.	72533386	HOSE FTG-TYPE F #16 1.00 PARK	2
23.	72053763	ELBOW-M STR/90/M JIC #8 #8	2

51708625 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
24.	72531412	ELBOW-MPT/90/M JIC 0.25 #4	1
25.	72532141	PLUG-STR HEX HD STL 0.75	1
26.	72053741	ADPTR-M STR/FPT #8 0.50	1
27.	72053725	ADPTR-MPT/HEX/MPT 0.50 0.50	1
28.	72053612	TEE-STL 0.50	1
29.	72053374	REDUCER BUSH-BLK 0.50-0.25	1
30.	72531421	ELBOW-MPT/90/M JIC 0.50 #8	1
31.	73054435	GAUGE-PRESS LIQ FILLED 5000PSI	1
32.	51703591	HOSE ASM-TYPE FF 0.25 X 20.00	1
33.	51704311	HOSE ASM-TYPE FF 0.50 X 24.00	2
34.	72053245	PLUG-PIPE SQ HD BLK 0.25	1
35.	89394043	HOSE-HYD 0.50 100R2 301-8 PARK	7'
36.	72532975	HOSE FTG-TYPE F #8 0.50 PARK	2
37.	89394041	HOSE-HYD 0.25 100R2 301-4 PARK	2'
38.	72533258	HOSE FTG-TYPE F #4 0.25 PARK	2
39.	72053758	ELBOW-M STR/90/M JIC #4 #4	1

REV. A 20060220

Pump Assembly, High Pressure Wash (51721176)



51721176 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	73051676	POWER WASHER-PACE/HP MODEL 313	1
2.	72053470	COUPLING-STL .38	1
3.	72053473	COUPLING-STL 1.00	1
4.	72053670	ADPTR-MPT/M JIC .38 8	1
5.	72053671	ADPTR-MPT/M JIC .75 8	1
6.	72053680	ADPTR-MPT/M JIC 1.00 16	1
7.	72053763	ELBOW-M STR/90/M JIC 8 8	1
8.	72532657	TEE-SWVL NUT RUN JIC 8	1
9.	72532665	ADPTR-M JIC/F JIC 4 8	1
10.	72533304	ADPTR-M STR/F JIC 8 8	1
11.	72533369	ADPTR-MNH/MPT BRS .75 1.00	1
12.	73054576	VALVE-SOL 12v NC 2 POS 2 WAY	1
13.	72532353	ADPTR-M STR/M JIC 6 4	1
REV A 20120725			

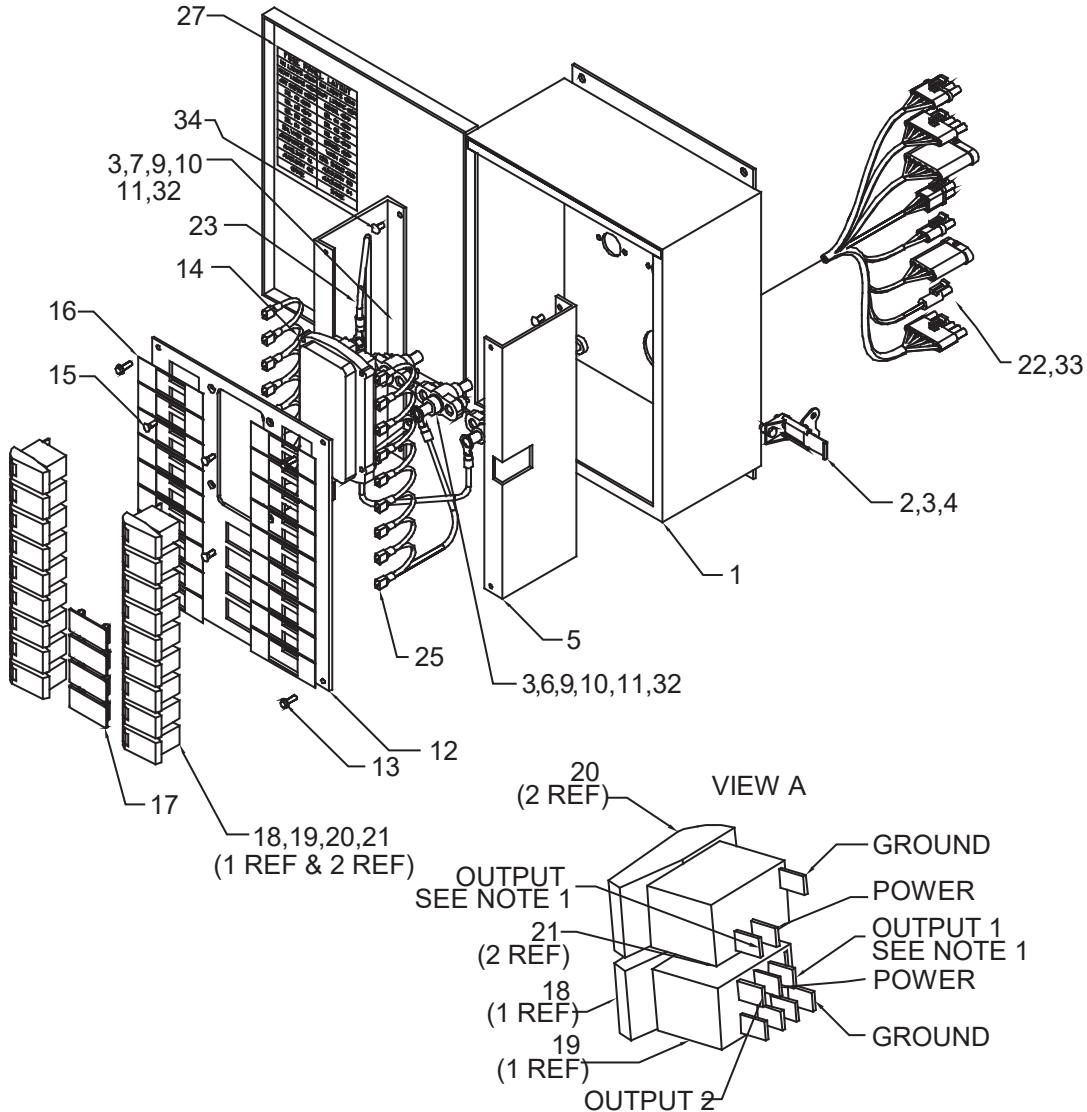
CHAPTER 7

Electrical

In This Chapter

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Electrical Control Box Assembly (51721091)



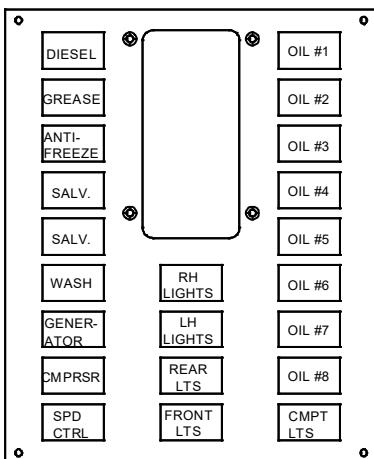
NOTES:

- 1 ON MAIN HARNESS, VARIOUS LABELED WIRES WITH FEMALE SPADE TERMINAL CONNECTORS SHOULD BE ATTACHED TO THE OUTPUT SPADE (SEE VIEW A) ON THE APPROPRIATE SWITCH. ALL WIRES WITH RING TERMINAL CONNECTORS LABELED "GROUND" SHOULD BE ATTACHED TO THE BLACK STUD TERMINAL ON THE BOX. WIRES NOT LABELED "GROUND" SHOULD BE ATTACHED TO THE RED STUD TERMINAL. THE APPEARANCE OF THIS HARNESS MAY DIFFER FROM THE DRAWING.

THE FUSED POWER WIRE FROM THE BUSSMAN FUSE PANEL TO THE SWITCH IS NOT SHOWN. TO CONNECT, INSERT THE PACKARD END OF THE SWITCH POWER WIRE INTO THE APPROPRIATE FUSE LOCATION, THEN CONNECT THE PUSH-ON TERMINAL TO THE APPROPRIATE SWITCH.

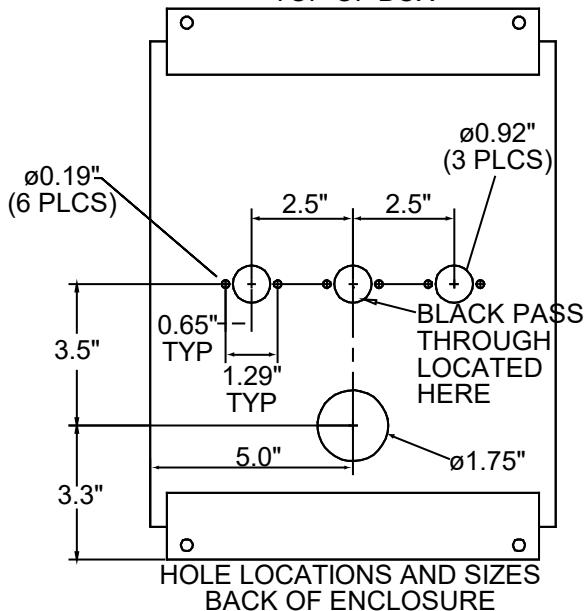
51721091 SWITCH PANEL AND CIRCUITS

SWITCH PANEL LAYOUT



FUSE PANEL LAYOUT	
DIESEL - 2A	OIL #1 - 2A
GREASE - 3A	OIL #2 - 2A
ANTIFREEZE-3A	OIL #3 - 2A
SALVAGE - 3A	OIL #4 - 2A
SALVAGE - 3A	OIL #5 - 2A
WASH - 3A	OIL #6 - 2A
GENERATOR-2A	OIL #7 - 2A
COMPRESSOR-30A	OIL #8 - 2A
SPD CONTROL - 2A	CMPT LIGHTS - 15A
RH LIGHTS - 15A	LH LIGHTS - 15A
REAR LIGHTS - 15A	FRONT LIGHTS-15A
SPARE	SPARE

TOP OF BOX



NOTES:

- 1 DECAL PLACEMENT WILL FOLLOW THE SWITCH LAYOUT FOR MOST APPLICATIONS.
IF A SYSTEM DOES NOT FOLLOW THE STANDARD LAYOUT, SUBSTITUTIONS CAN BE MADE.

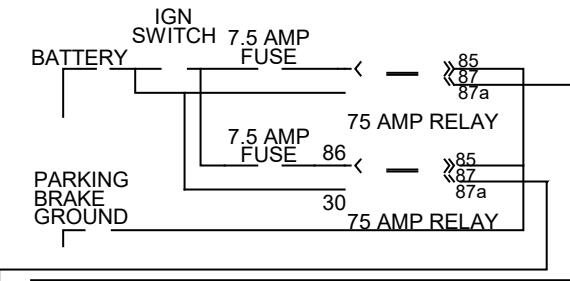
51721091 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	77041330	JIC BOX-12H 10W 5D CONT. HINGE	1
2.	72661304	LATCH	1
3.	72601283	SCR-MACH #10-24 X 1/2 PN SL	8
4.	72062123	NUT-SS #10-24	2
5.	60250861	MOUNTING BRACKET	2
6.	70145959	STUD	1
7.	70145888	STUD	2
9.	72062106	NUT #10-24 HEX	6
10.	72063000	WASHER 0.19 FLAT	6

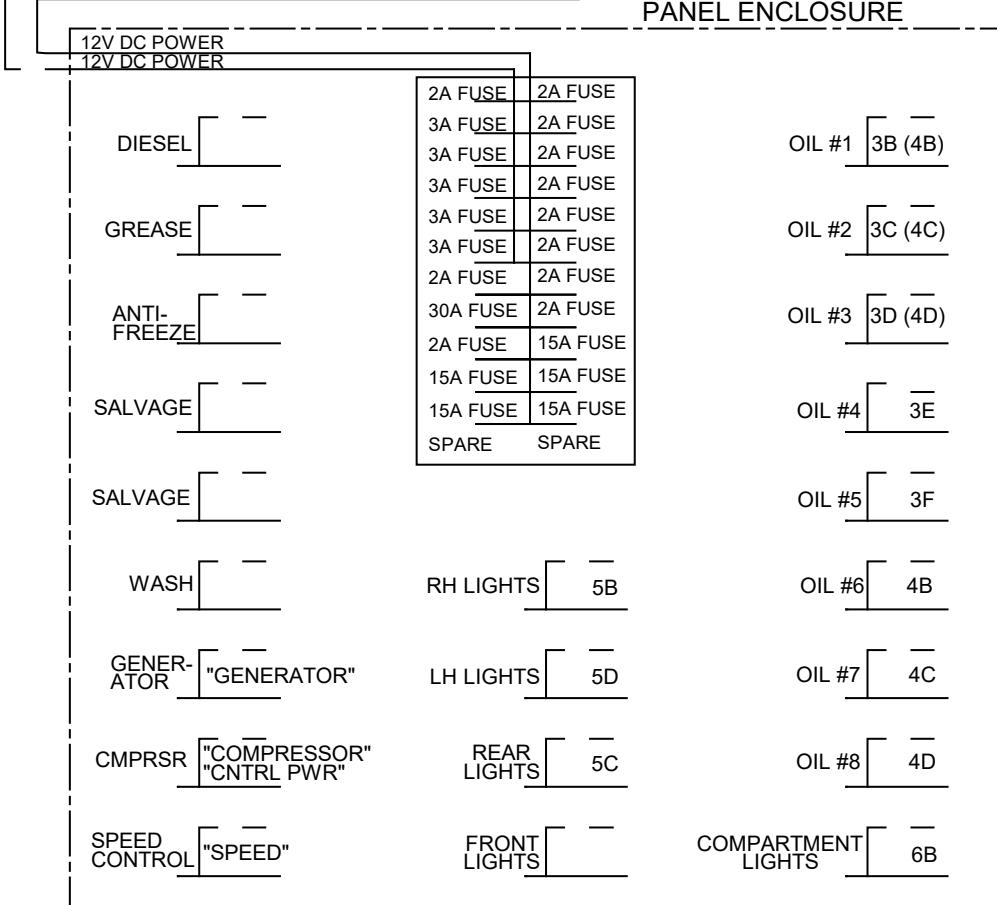
51721091 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
11.	72062002	NUT 3/8-16 HEX	8
12.	60250862	PANEL-LUBE CONTROL BOX	1
13.	72601608	SCR-SELF TAP # 8 X 3/4 HH	4
14.	77441040	BUSSMAN 15712-12	1
15.	72601366	SCR-MACH #8-32 X 1/2 FH	4
16.	70395110	DECAL-CONT PANEL	1
17.	77041571	SWITCH-ROCKER PLUG	10
18.	77041551	SWITCH-ROCKER 2RED	1REF
19.	77041550	SWITCH-ROCKER BODY ON-OFF-ON	1REF
20.	77041499	SWITCH-ROCKER RED ACTUATOR	2REF
21.	77041500	SWITCH-ROCKER BODY	2REF
22.	77441257	HARNESS-LUBE CONTROL	1
23.	77441037	HARNESS-BUSSMAN PWR WIRE	2
24.	77441038	HARNESS-BUS. TO SWITCH (N/S)	22
25.	77441039	HARNESS-SWITCH GRND	2
26.	77040391	RELAY-12VDC (N/S)	2
27.	70396126	FUSE LAYOUT DECAL	1
28.	77041431	FUSE-ATC 30 BUSS. (N/S)	1
29.	77041433	FUSE-ATC 15 BUSSMAN (N/S)	5
30.	77044972	FUSE-ATC 3 AMP (N/S)	5
31.	77044728	FUSE-ATC 2 AMP	11
32.	72063002	WASHER 5/16 FLAT	6
33.	77441136	CONNECTOR	2
34.	72060835	SCR-SELF TAP #8-18 X .75 HH ZINC	4
REV A 20111028			

Removed Effective 5/27/14

51721091 SCHEMATIC



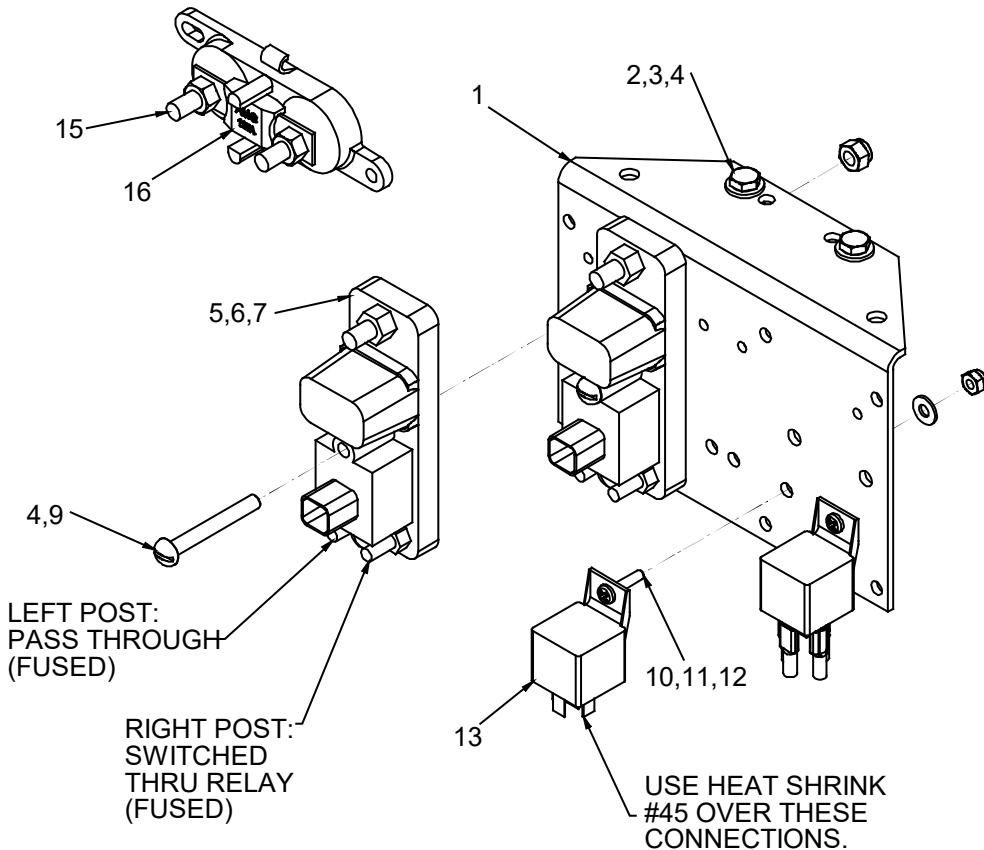
LUBE CONTROL
PANEL ENCLOSURE



NOTES:

- 1 CONNECT SWITCH OUTPUTS TO LEADS OF MATING HARNESSSES AS SHOWN.
- LAYOUT SHOWN IS TYPICAL. ACTUAL LAYOUT MAY VARY BASED ON SYSTEM SPECIFICS.
BALANCE THE POWER LOAD ON THE TWO BRANCHES OF THE FUSE BOX, NOT TO EXCEED 75A EACH.

Electrical System (99904251)



NOTES:

- 1 IF WIRE BETWEEN POWER MODULE (#5) AND BATTERY IS OVER 24", INSTALL PARTS #19 AND #20 IN-LINE AS CLOSE TO THE BATTERY AS POSSIBLE.
- EXTRA QUANTITIES OF HARDWARE AND BRACKET (#51) ARE SUPPLIED FOR MOUNTING AS NECESSARY.
RECOMMENDED ORIENTATION OF COMPONENTS IS SHOWN.

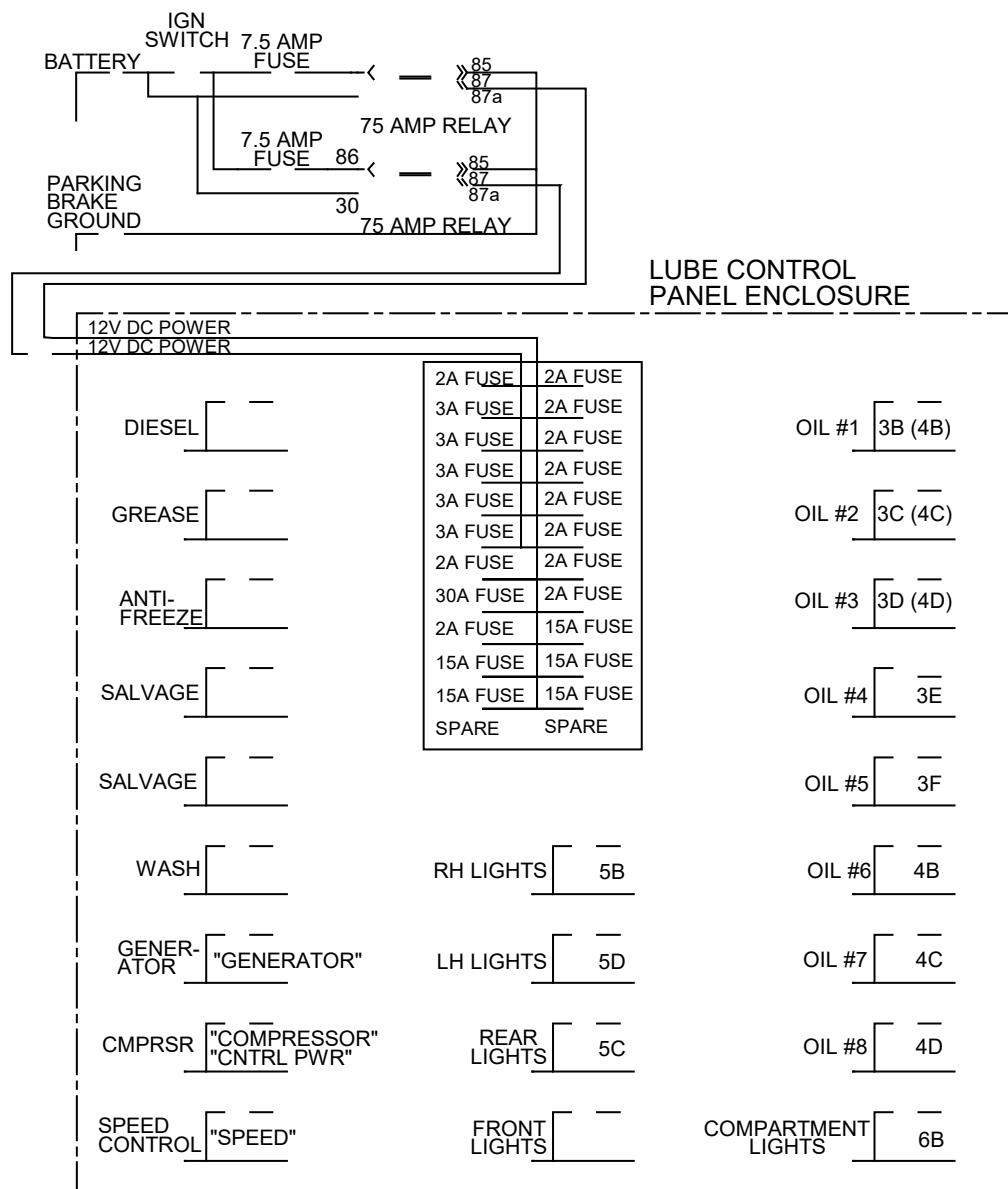
99904251 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60128133	BRACKET-EFM	1
2.	72060003	CAP SCR .25-20X .88 HH GR5 Z	4
3.	72063001	WASHER .25 FLAT	4
4.	72062104	NUT .25-20 HEX NYLOCK	6
5.	77040490	RELAY-12 VOLT POWER RELAY MODULE	2
6.	77041711	FUSE-FMX 20 AMP BLUE	1
7.	77041714	FUSE-FMX 60 AMP YELLOW	2
8.	77040491	CONNECTOR - 2 CAV FEMALE METRIPACK 150	2
9.	72060654	SCR-MACH .25-20X 2.00 RDH ZINC	2
10.	72062207	NUT 8-32 HEX NYLOCK	2
11.	72063181	WASHER-SS 10 WRT TYPE 304	2
12.	72060612	SCR-MACH # 8-32X .75 RDH	2
13.	77041251	RELAY-12V 30 AMP NOM/40 AMP MAX	2
14.	77040053	TERM-RING I .25 STUD 12-10 GA	1

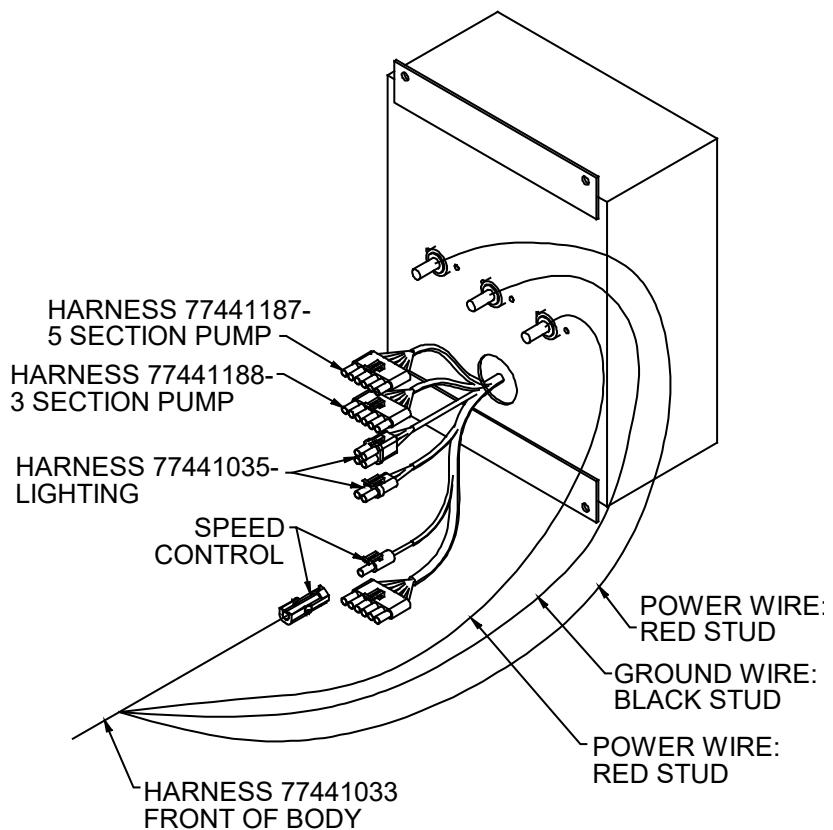
99904251 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
15.	77441116	FUSEHOLDER-HIGH AMP2 BOLT WITH COVER	1
16.	77441115	FUSE-AMG-125 AMP	1
17.	77040045	TERM-RING NI .31 STUD 6 WIRE	6
18.	77040492	TERM-RING NI .25 STUD 6 WIRE	2
19.	77045948	TERM-FEMALE MP 16-18 AWG	4
20.	77045949	SEAL-MP RED CABLE SEAL	4
21.	77040137	TERM-FEM SLIP ON12-10/.25 TAB	4
22.	77040186	TERM-FSLPON I .25TAB 16-14 GA	4
23.	51719331	KIT-DIODE DEUTSCH DT SERIES	3
24.	51719332	KIT-SPICE METRIPACK 6 PIN	3
25.	77044984	WIRE-6 GA GXL RED	A/R
26.	89044232	WIRE-14GA RED STRD TYPE GXL	A/R
27.	89044274	WIRE-14GA BLACK STRD TYPE GXL	A/R
28.	89396659	TUBE-HEAT SHRINK .38X 2IN DOUBLE WALL	8
29.	77045926	TUBE-HEAT SHRINK-1.5 INCH DUAL WALL 4FT	0.0833
30.	89393368	TUBE-HEAT SHRNK .25X 6"LG (OBS)	2
31.	77040473	TERM-RING NI .38 STUD 6 WIRE	1
32.	89044363	WIRE-12GA WHITE STRD TYPE GXL	4
33.	60025470	ANGLE-AL .12X1.00X1.00X 4.00	1
34.	70034061	TIES-PLASTIC .18W 12.00L BLACK	6
REV. A 20070601			

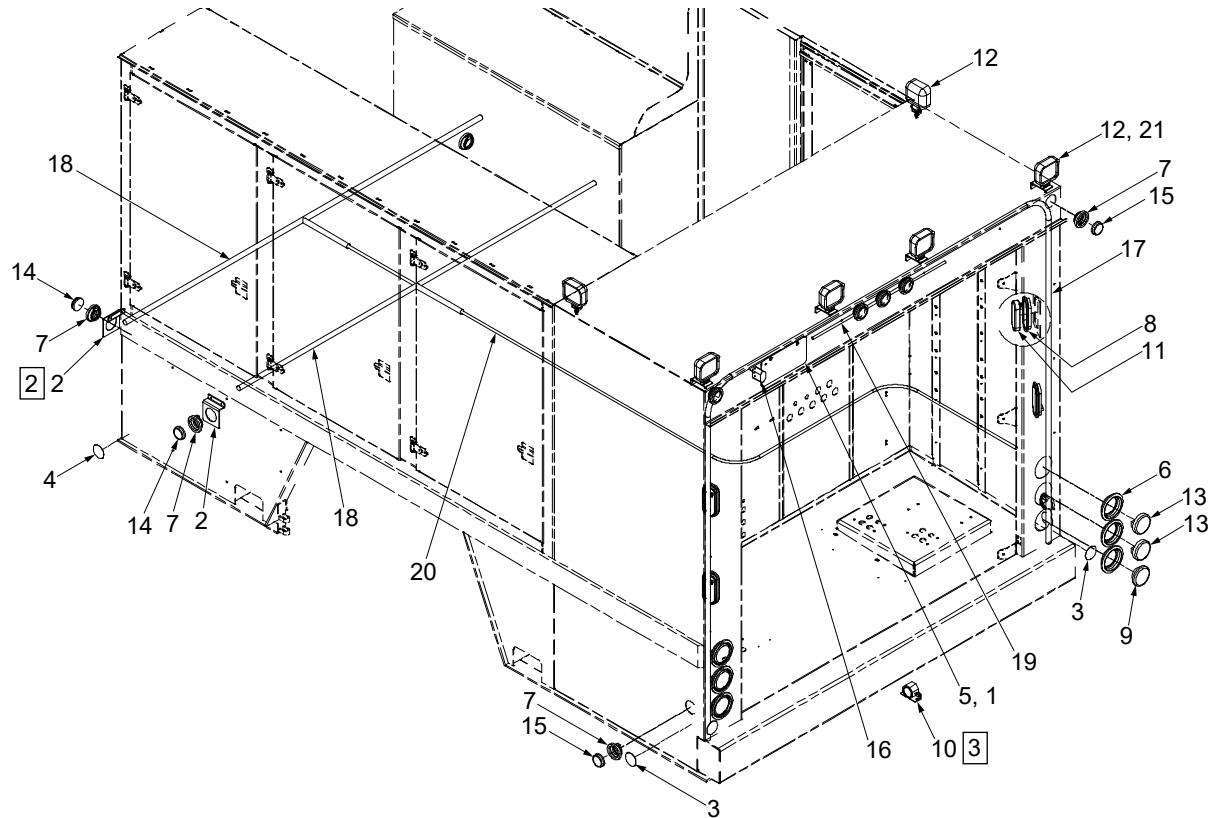
99904251-2 ELECTRICAL SCHEMATIC



99904251-3 HARNESS CONNECTIONS



Lighting Installation (99904167)



NOTES (SEE REFERENCE NUMBER IN BOX):

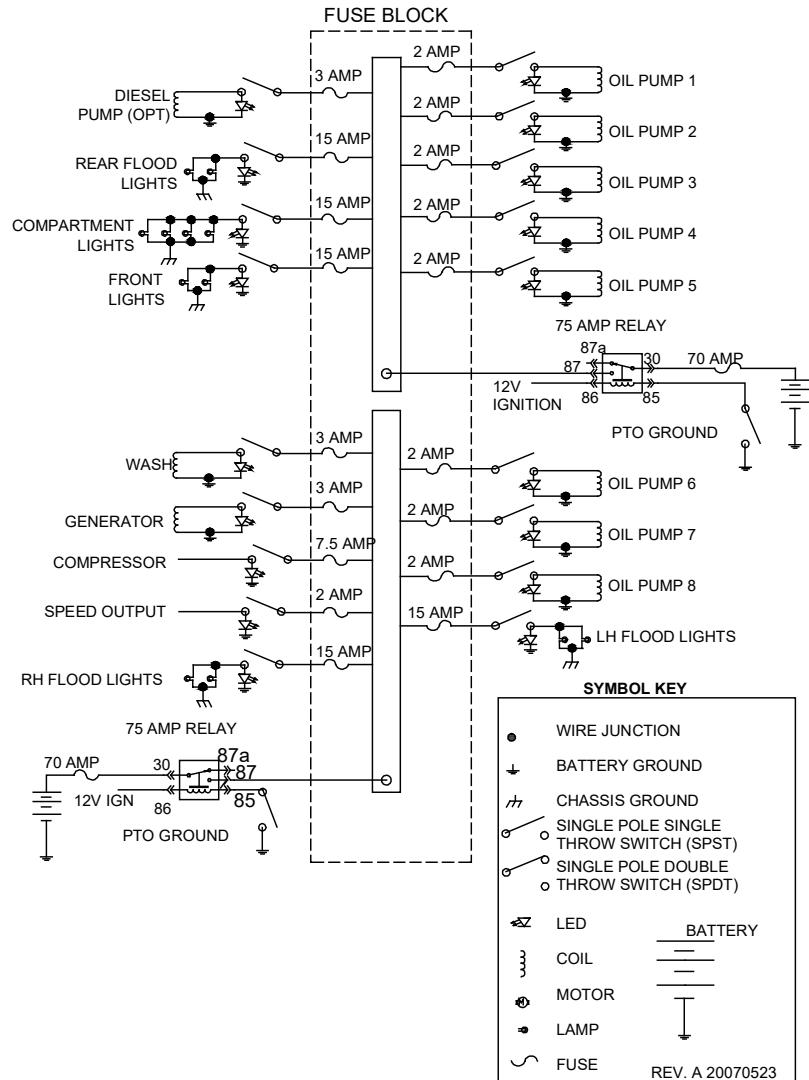
- ITEMS WITH QUANTITIES NOTED AS "AS REQUIRED" (A/R) VARY, BASED ON BODY LENGTH AND CONFIGURATION. FOR VEHICLES OVER 30' LONG, ORDER THE MID-MARKER LIGHT KIT 91720851. CENTER EXTRA LIGHTS ON SIDE OF VEHICLE.
- BRACKET AS REQUIRED, BASED ON VEHICLE CONFIGURATION.
- MOUNT UNDERBODY AS NECESSARY.
- ITEMS #13-15 ARE LED LIGHTS, EFFECTIVE 1-1-07. UNITS MANUFACTURED PRIOR TO 1-1-07 INCLUDE INCANDESCENT LIGHTS, PART NUMBERS 77040188 (#13), 77040181 (#14), AND 77040182 (#15).

99904167 PARTS LIST

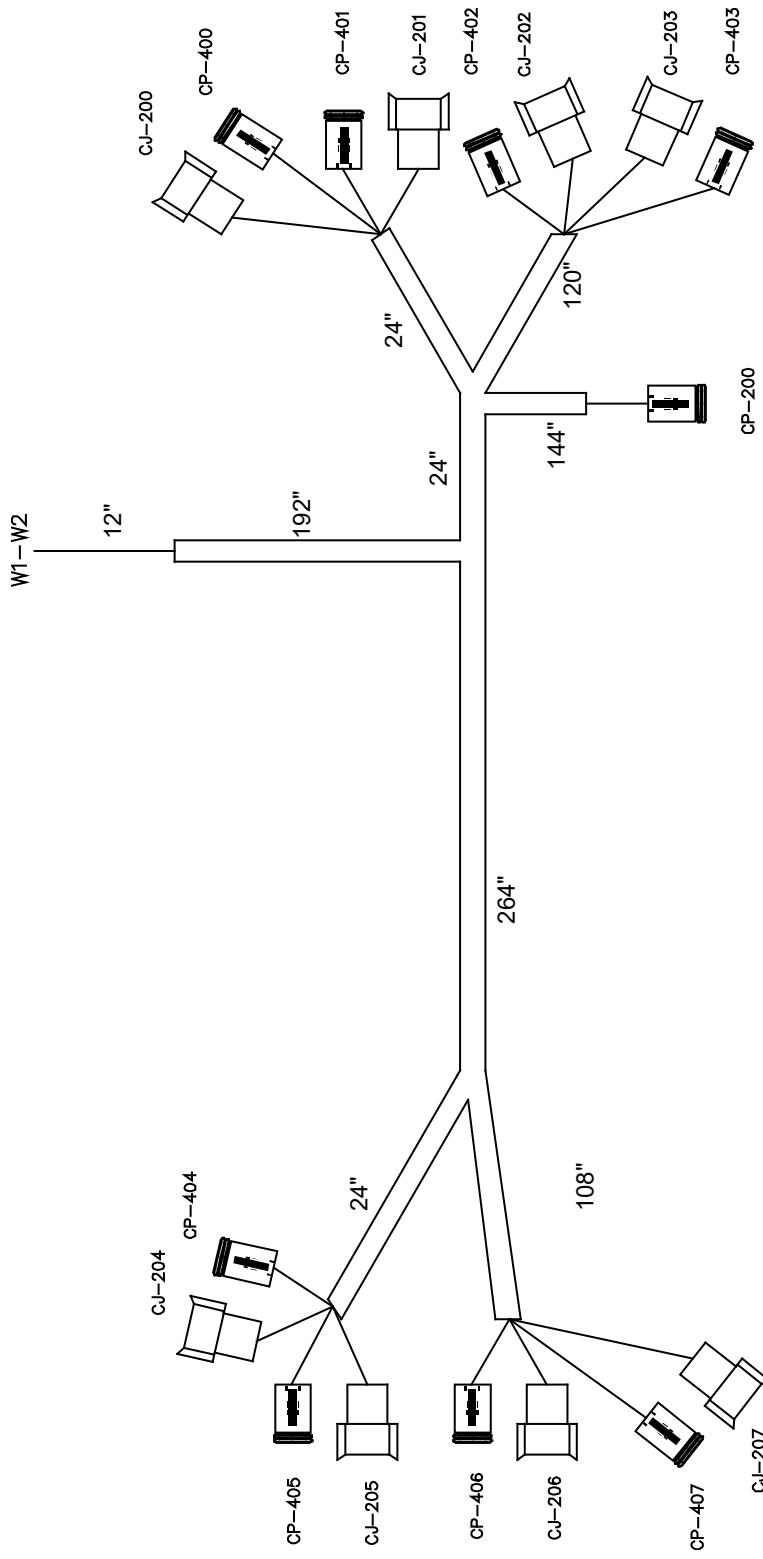
ITEM	PART #	DESCRIPTION	QTY
1.	51715985	KIT-LICENSE PLATE HARDWARE	1
2.	60131199	BRACKET-MARKER LIGHT BOLT ON 2.50"	A/R
3.	70039057	REFLECTOR-RED ROUND	4
4.	70039058	REFLECTOR-AMBER ROUND	2
5.	70393309	LICENSE PLATE-PLASTIC IMT DIAMOND	1
6.	76392275	GROMMET-TAIL LIGHT	6
7.	76392610	GROMMET-RUBBER 2.50	A/R
8.	76394572	GROMMET-2 X 6 OVAL CMPT LIGHT	4
9.	77040180	LIGHT-BACKUP	2
10.	77040020	ALARM-BACK UP HORN (WAS 77040365 THROUGH 3-1-09)	1
11.	77040384	LIGHT-COMPARTMENT 12V 2.1AMP (Eff. to 6-16-15)	4
11.	77040509	LIGHT-COMPARTMENT LED 12V 6" OVAL (Eff. from 6-16-15)	4

99904167 PARTS LIST			
ITEM	PART #	DESCRIPTION	QTY
12.	77040424	FLOODLIGHT-COMPOSITE WORK LAMP TOP MTG (Eff. to 6-16-15)	6
12.	77040581	FLOODLIGHT-LED 12-36VDC (Eff. from 6-16-15)	6
13.	77040493	LIGHT-STOP/TURN/TAIL LED 4"	4
14.	77040495	LIGHT-CLEAR AMBER LED 2.5in DIA	A/R
15.	77040496	LIGHT-CLEAR RED LED 2.5in DIA	7
16.	77441004	LIGHT-LICENSE PLATE PLASTIC	1
17.	77441330	HARNESS-LUBE REAR DROP COMPT OPEN BTTM ALARM (WAS 77441035 THRU 3-1-09)	1
18.	77044807	HARNESS-LUBE FRONT MARKER LIGHTS	A/R
19.	77044481	HARNESS-3 PLUG	1
20.	77441230	HARNESS-LUBE FRONT MARKER LIGHTS EXT	1
21.	60117375	BRACKET-FLOODLIGHT 12V REAR SP (FOR ENCL BODY)	4
REV. C 20150616			

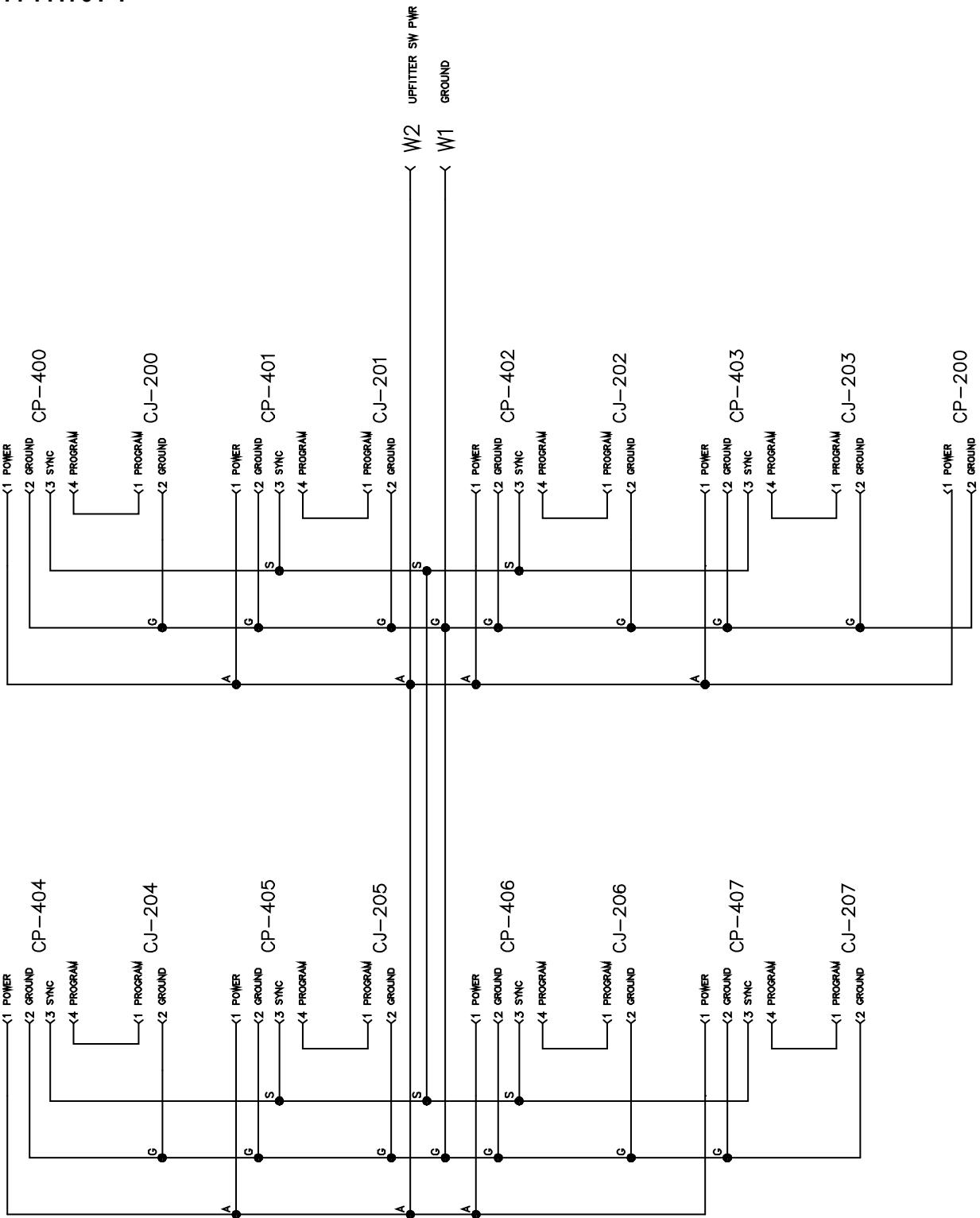
Electrical Schematic (99903900)



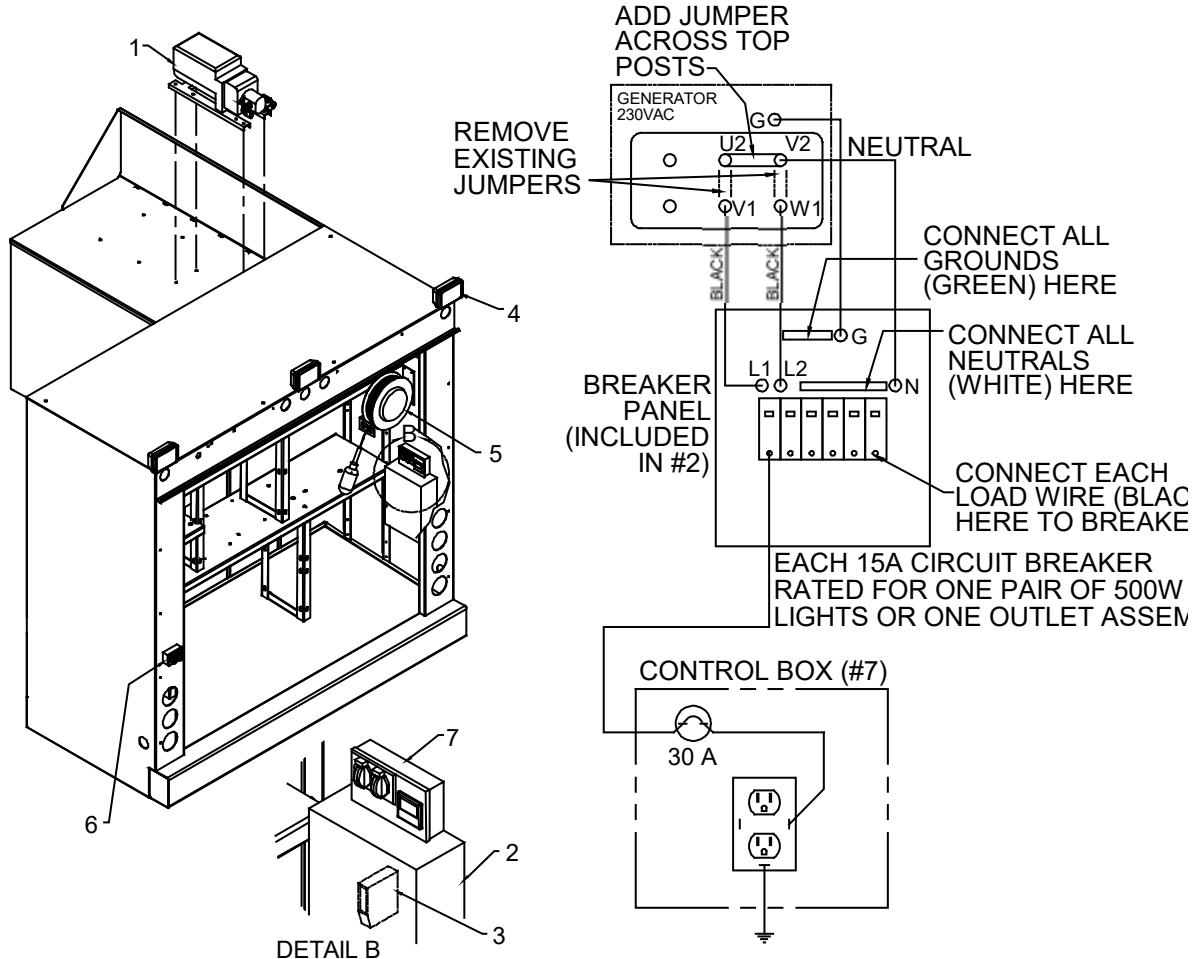
Harness-Lube Beacon W/8 Strobes (77441701)



77441701-1



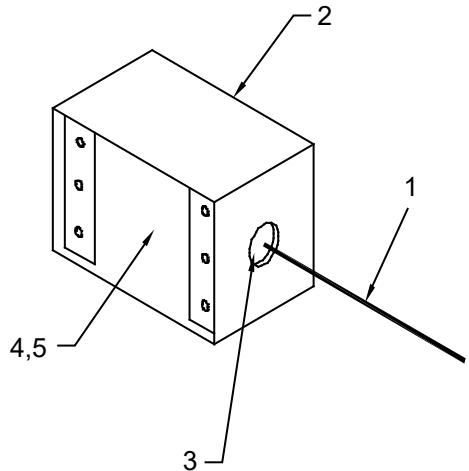
Installation, Generator with Breakers (99904015)



99904015 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	VARIOUS	GENERATOR	1
2.	51720349	BREAKER KIT, GENERATOR	1
3.	77041695	BREAKER, 230V 20 AMP	A/R
	77041694	BREAKER, 230V 15 AMP	A/R
	77041693	BREAKER, 110V 20 AMP	A/R
	77041692	BREAKER, 110V 15 AMP	A/R
4.	51720353	FLOODLIGHT KIT (INCL 77040134 FLOODLIGHT, 500W BEAM)	OPTIONAL
5.	51720354	LIGHT REEL KIT (INCL 70733493 REEL & 77040224 BULB, 75W)	OPTIONAL
6.	51711674	OUTLET KIT (INCL 77044569 OUTLET ASSEMBLY)	OPTIONAL
7.	70145870	CONTROL PANEL (INCLUDED WITH #1)	REF
REV. B 20090430			

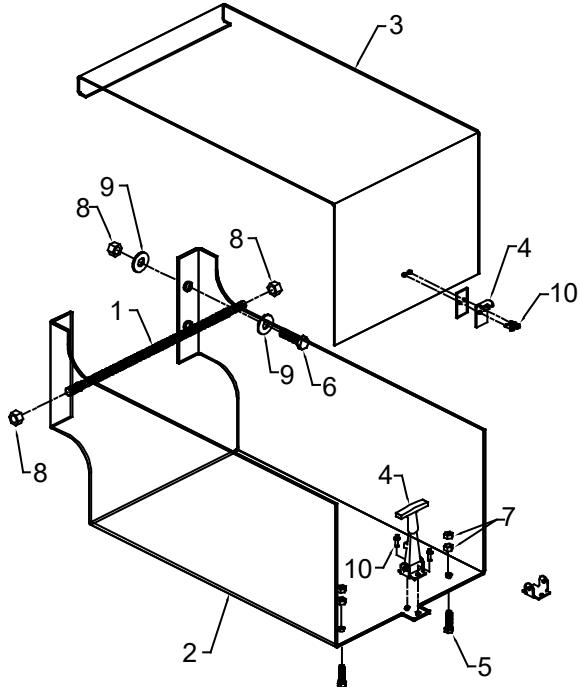
Outlet, 110V (51711674)

**51711674 PARTS LIST**

ITEM	PART #	DESCRIPTION	QUANTITY
1.	76393038	GROMMET, 7/16	1
2.	77044018	STRAIN RELIEF, 1/2"	1
3.	89044039	CABLE, 14 GA 3 WIRE	20'
4.	77044569	OUTLET	1
5.	77040230	TERMINAL SPADE	3

20060124

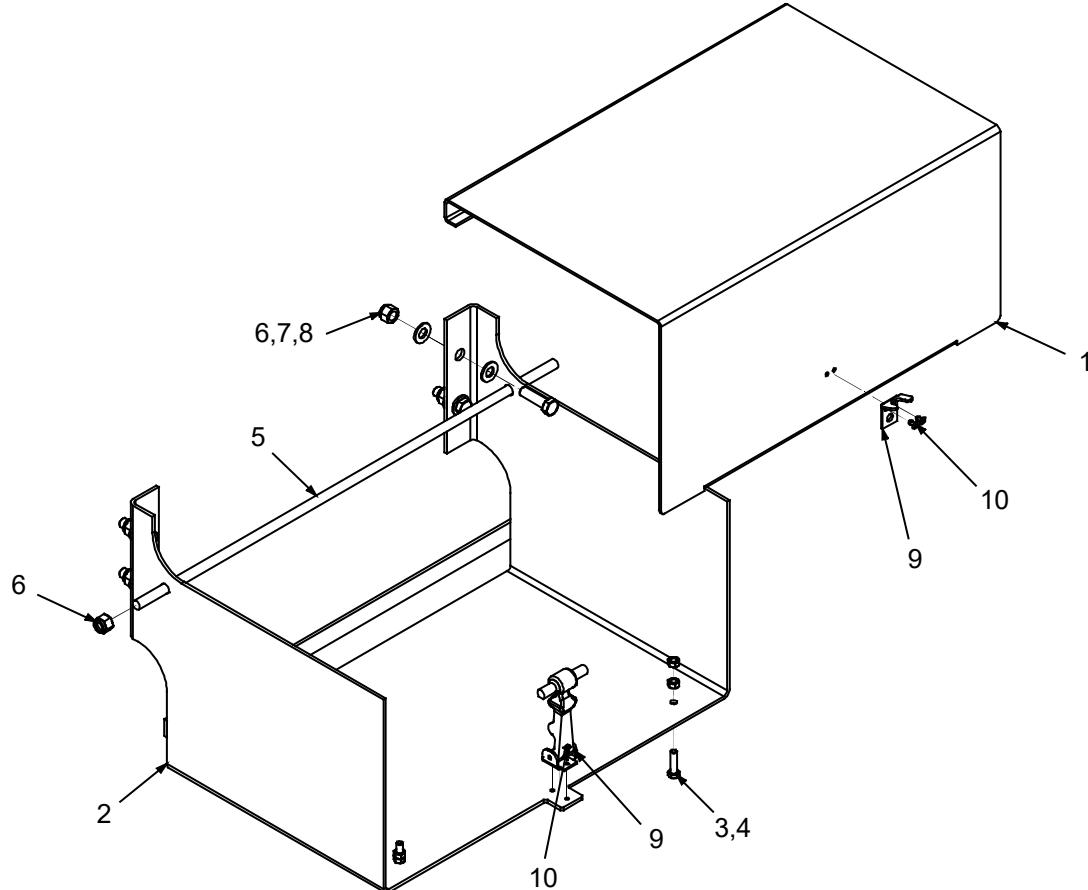
Battery Box Assembly (2-wide) (51712789)



51712789 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60116288	ROD-THREADED .50-13 X 16	1
2.	60118719	PLATE-BATTERY BOX	1
3.	60118720	COVER-BATTERY BOX	1
4.	70039108	LATCH-RUBBER "T" HANDLE (2 PARTS)	1
5.	72060026	CAP SCR .31-18 X 1.25 HHGR5Z	2
6.	72060094	CAP SCR .50-13 X 1.75 HHGR5Z	4
7.	72062001	NUT .31-18 HEX ZINC	4
8.	72062080	NUT .50-13 HEX NYLOC ZINC	6
9.	72063005	WASHER .50 FLAT	8
10.	72661349	RIVET-POP SS .19 X .25 GRIP	4

Battery Box Assembly (3-wide) (51720880)



51720880 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60131254	COVER-BATTERY BOX AL WIDE	1
2.	52720940	BATTERY BOX-WIDE	1
3.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	2
4.	72062001	NUT .31-18 HEX	4
5.	60121277	ROD-THREADED .50-13 X 29.00	1
6.	72062080	NUT .50-13 HEX NYLOCK	6
7.	72063005	WASHER .50 FLAT	8
8.	72060094	CAP SCR .50-13X 1.75 HH GR5 Z	4
9.	70039108	LATCH-RUBBER T-HANDLE	1
10.	72661349	RIVET-POP SS .19 X .25 GRIP	4
REV. A 20070320			

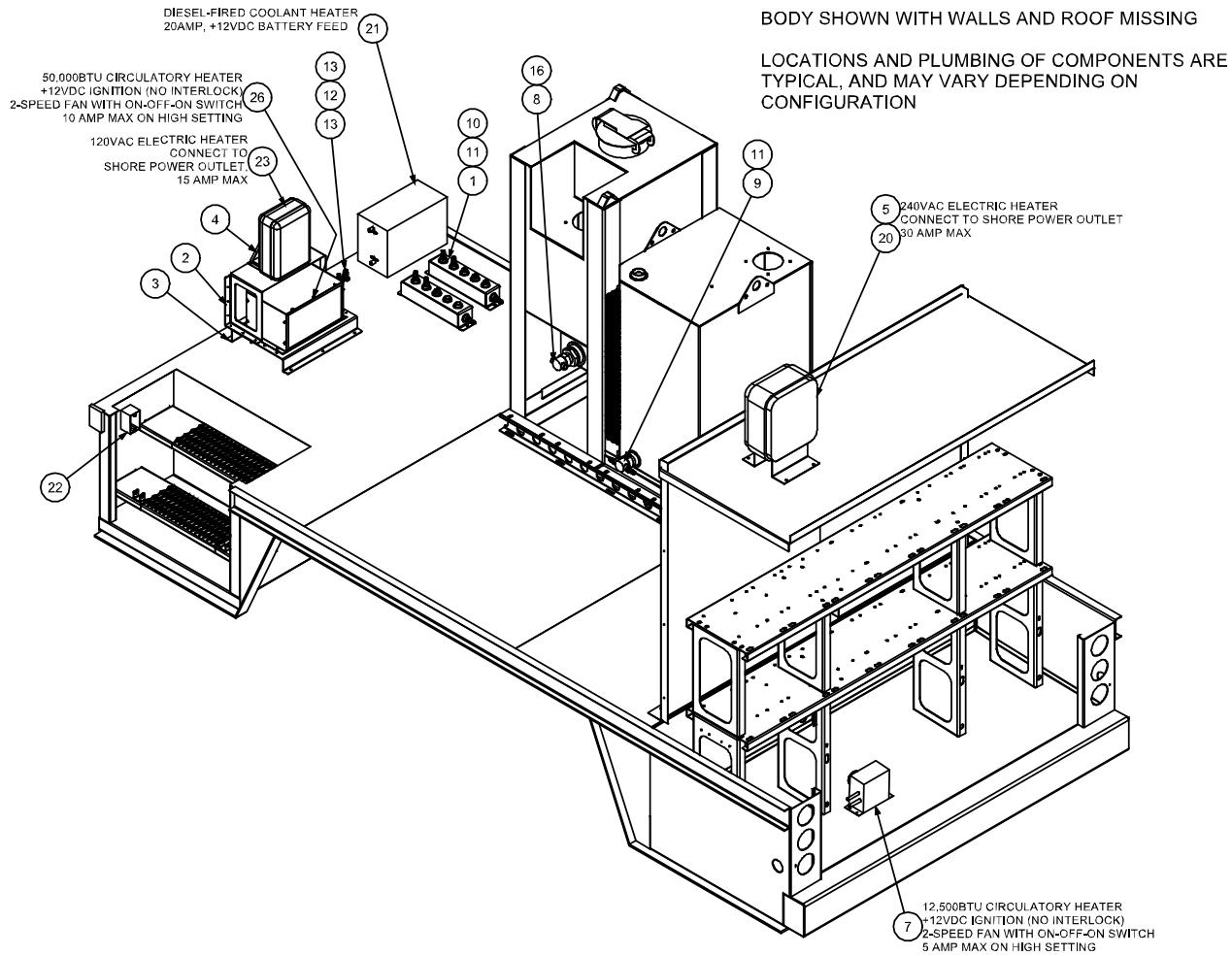
CHAPTER 8

Heater Systems

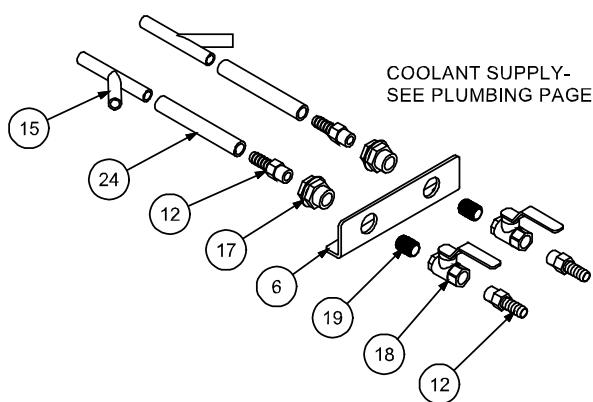
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Typical Heater Installation (99905653)



COOLANT SUPPLY-
SEE PLUMBING PAGE

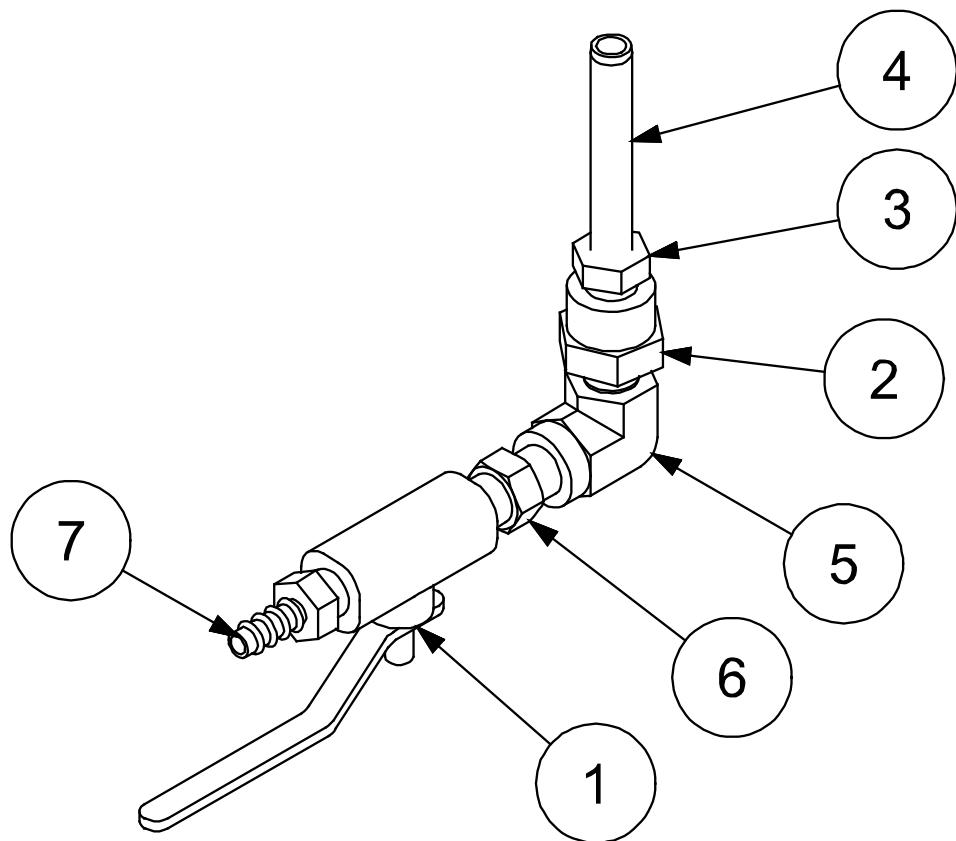


FOR DUAL COMPT. HEATERS,
SEE 93727873

99905653 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52722085	MANIFOLD-WLDMT DOM WITH LUBE	2
2.	60146626	MANIFOLD-WLDMT DOM WITH LUBE	1
3.	60146627	BRACKET-HEATER LUBE 3.00 RISER 21.00W	1
4.	60140553	BRACKET-HEATER LUBE 77734542	2
5.	60250562	MTG BRKT-HEATER 240V LUBE SHLF	2
6.	60251664	BRACKET-BALL VALVE DUAL	1
7.	70073279	HEATER-12000 BTU 12V 455H-12V	1
8.	70734451	HEATER-ARCTIC FOX 8in NPT MOUNT 2in	1
9.	70734506	HEATER-ARCTIC FOX 16in NPT MOUNT 2in	1
10.	72053415	PLUG-PIPE SQ HD STL .75	A/R
11.	72053458	NIPPLE-BARB BRS .75MPT .75	A/R
12.	72531546	NIPPLE-BARB BRS .50MPT .62	A/R
13.	72531547	NIPPLE-BRS BARB .50MPT .75	A/R
14.	72532340	TANK FLANGE 2.00	1
15.	72532717	Y-HOSE 5/8in ADAPTER	2
16.	72533061	REDUCER BUSH-BLK 3.00-2.00	1
17.	72533140	COUPLING-BULKHEAD .50X1.50 LG	A/R
18.	73054192	VALVE-BALL .50 (STANDARD)	2
19.	72533022	NIPPLE-PIPE BRS .50X CLOSE	2
20.	77040107	HEATER-240V 17060BTU	1
21.	77040350	HEATER-DIESEL FIRED 7.5 KW ESPAR	1
22.	77044372	ELECTRICAL BOX-2X4 DEEP WELL	1
23.	77734542	HEATER-120V 5120BTU	1
24.	89397049	HOSE-HTR .62 BLUE SILICONE	A/R
25.	89397214	HOSE-HTR .75 BLUE SILICONE	A/R
26.	70735202	HEATER-CIRC 12V FAN 50000 BTU	1
REV. B 20200819			

99905653-1

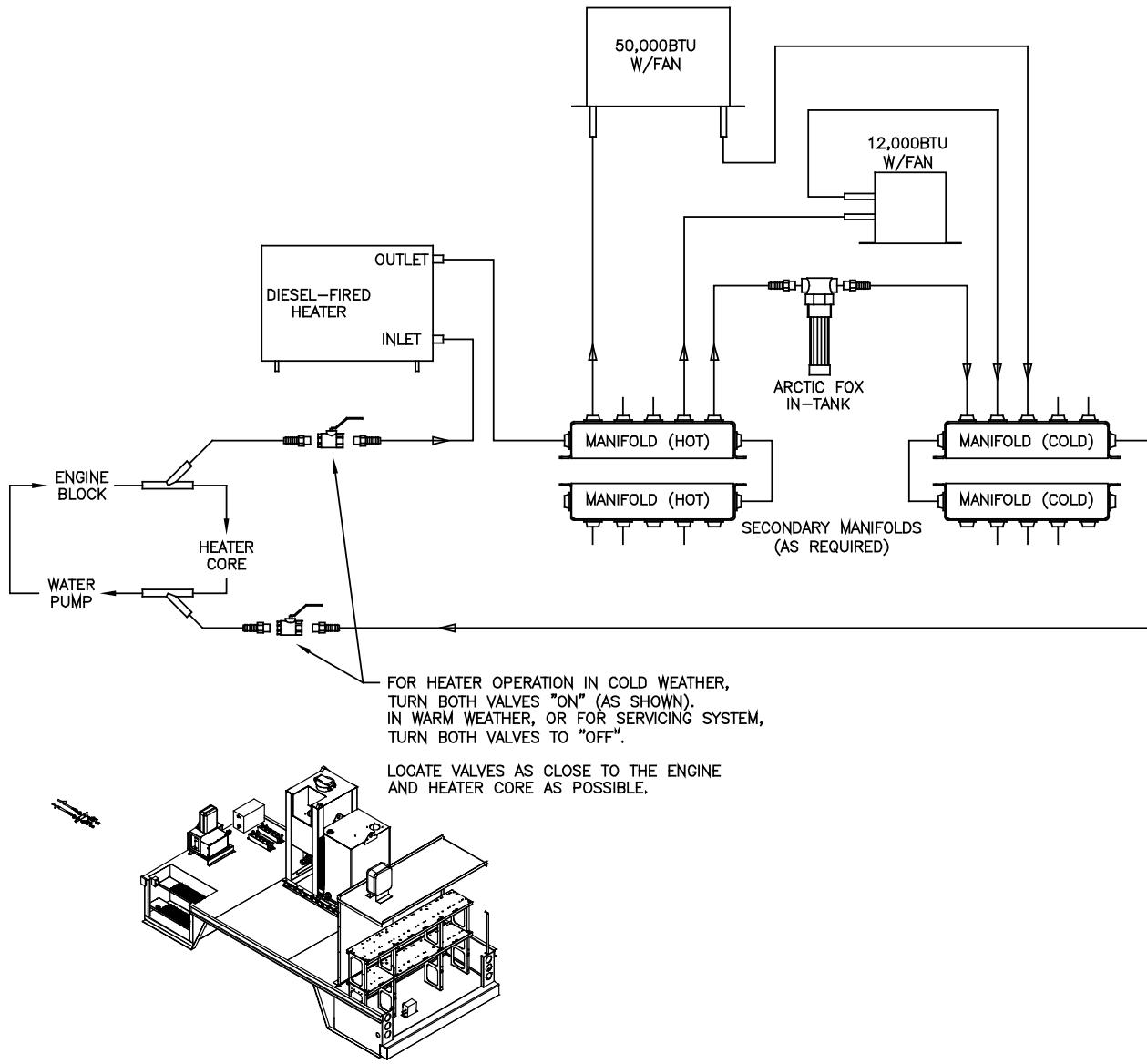


FUEL TANK DRAW ASSY
FOR DIESEL FIRED HEATER

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	73054122	VALVE-BALL .25	1
2.	72531830	REDUCER BUSH-STL .50- .25	1
3.	72531826	REDUCER BUSH-STL .25- .12	1
4.	72053004	NIPPLE-PIPE BLK .12X 2.50	1
5.	72531131	ELBOW-STREET STL .25 X 90 DEG	1
6.	72053517	ADPTR-MPT/HEX/MPT .25 .25	1
7.	72053459	NIPPLE-BARB BRS .25MPT .25	1

REV. B 20200819

99905653-2

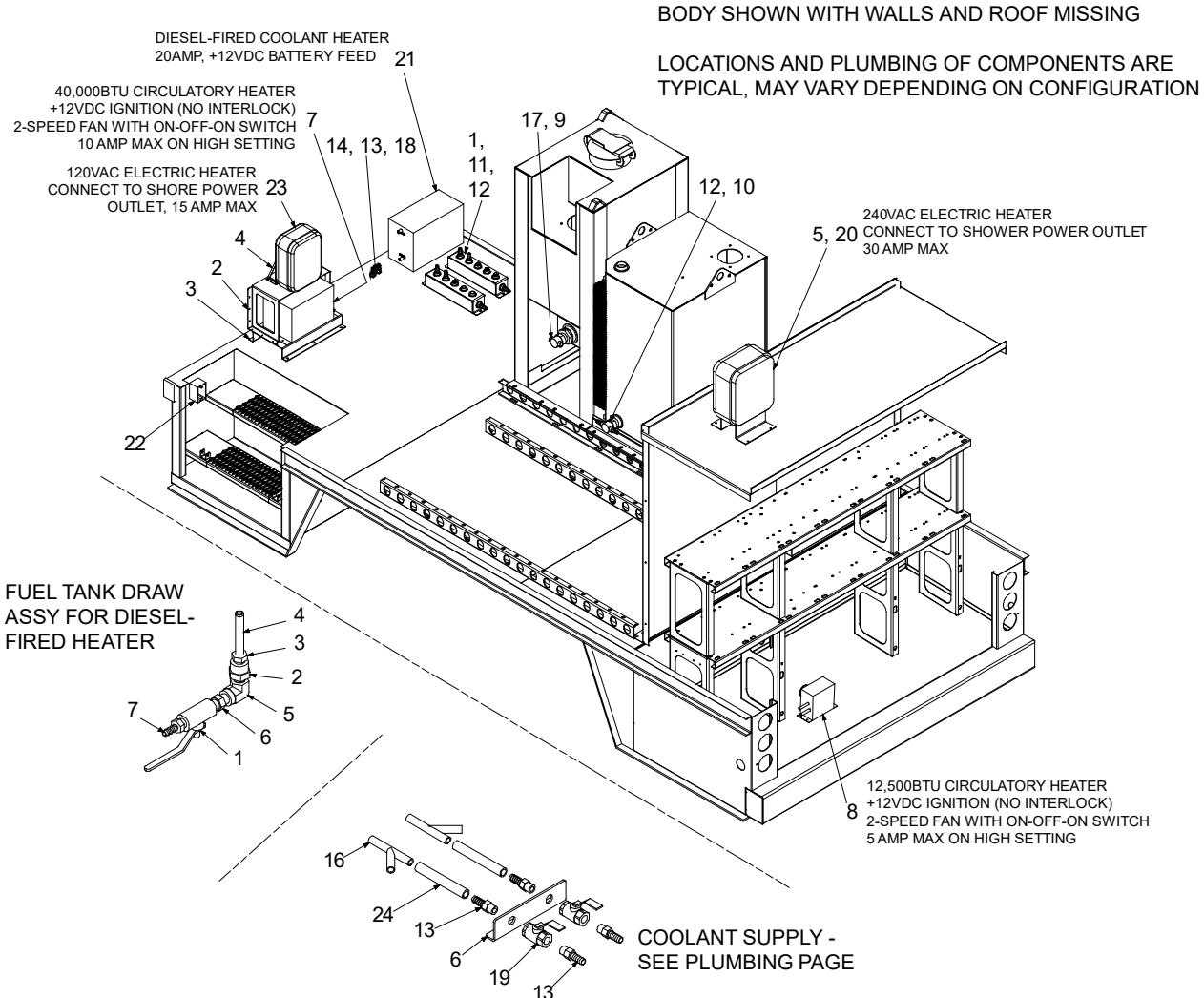


THIS DRAWING SHOWS AN EXAMPLE OF EACH TYPE OF HEATER AND ITS TYPICAL CONNECTIONS.
ALL COMPONENTS ARE OPTIONAL, SO ANY COMBINATION MAY BE USED ON A PARTICULAR TRUCK.

WITH LOW NUMBER OF HEATERS, A TEE MAY BE SUBSTITUTED FOR THE MANIFOLD.

VARIOUS SIZES OF HEATER HOSE MAY BE USED. HOSE-BARB ADAPTERS MAY BE REPLACED AS NECESSARY
ON PURCHASED COMPONENTS FOR BETTER FIT AND ORIENTATION.

Typical Heater Installation (99905653)



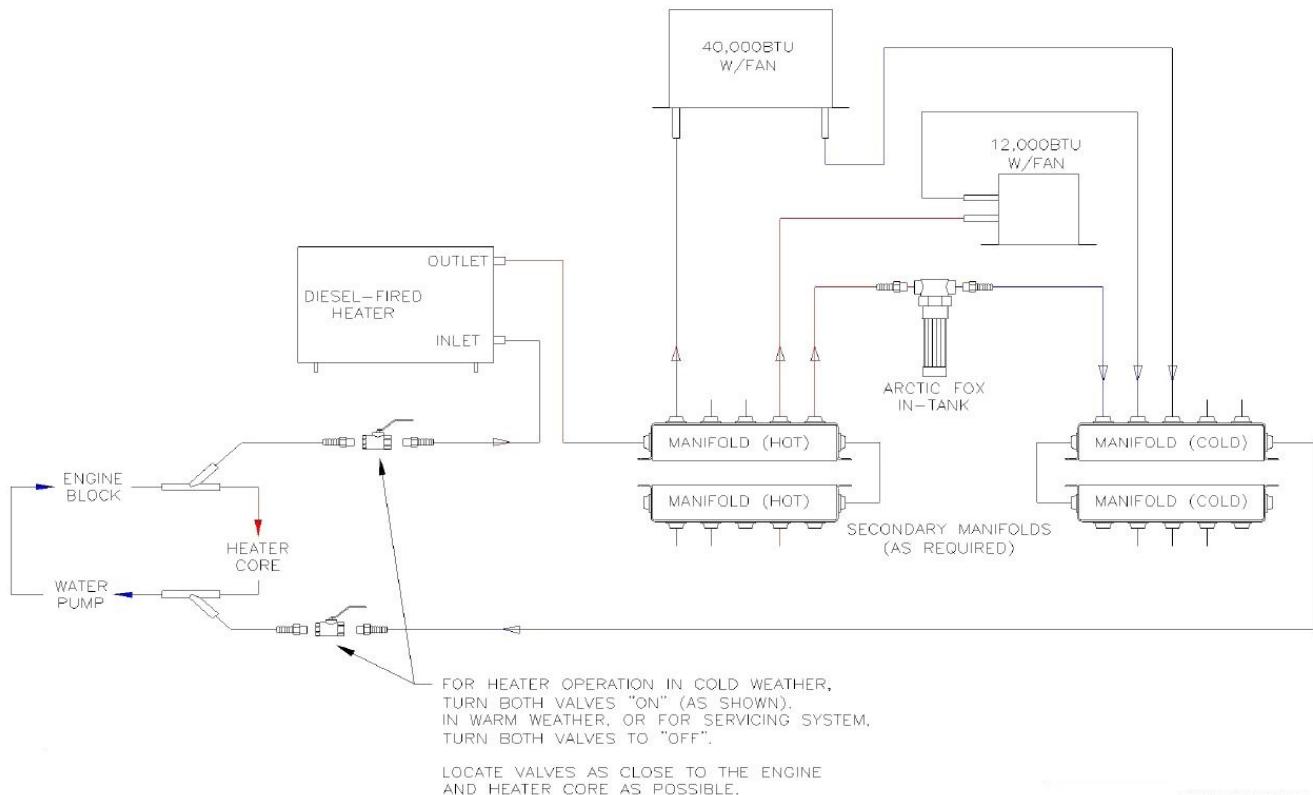
99905653 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52722085	MANIFOLD-WLDMT DOM WITH LUBE	2
2.	60136022	BRACKET-HEATER 120V LUBE	1
3.	60137101	BRACKET-HEATER LUBE 3.00 RISER	1
4.	60140553	BRACKET-HEATER LUBE 77734542	2
5.	60250562	MTG BRKT-HEATER 240V LUBE SHELF	2
6.	60251664	BRACKET-BALL VALVE DUAL	1
7.	70073278	HEATER-42000 BTU12V 2062A000A	1
8.	70073279	HEATER-12000 BTU 12V 455H-12V	1
9.	70734451	HEATER-ARCTIC FOX 8in NPT MOUNT 2in	1
10.	70734506	HEATER-ARCTIC FOX 16in NPT MOUNT 2in	1
11.	72053415	PLUG-PIPE SQ HD STL .75	A/R

99905653 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
12.	72053458	NIPPLE-BARB BRS .75MPT .75	A/R
13.	72531545	NIPPLE-BARB BRS .50MPT .62	A/R
14.	72531547	NIPPLE-BRS BARB .50MPT .75	A/R
15.	72532340	TANK FLANGE 2.00	1
16.	72532717	Y-HOSE 5/8in ADAPTER	2
17.	72533061	REDUCER BUSH-BLK 3.00-2.00	1
18.	72533140	COUPLING-BULKHEAD .50X1.50 LG	A/R
19.	73054192	VALVE-BALL .50 (STANDARD)	2
20.	77040107	HEATER-240V 17060BTU	1
21.	77040350	HEATER-DIESEL FIRED 7.5 KW ESPAR	1
22.	77044372	ELECTRICAL BOX 2X4 DEEP WELL	1
23.	77734542	HEATER-120V 5120 BTU	1
24.	89397049	HOSE-HTR .62 BLUE SILICONE	A/R
25.	89397214	HOSE-HTR .75 BLUE SILICONE	A/R

NEW 20130626

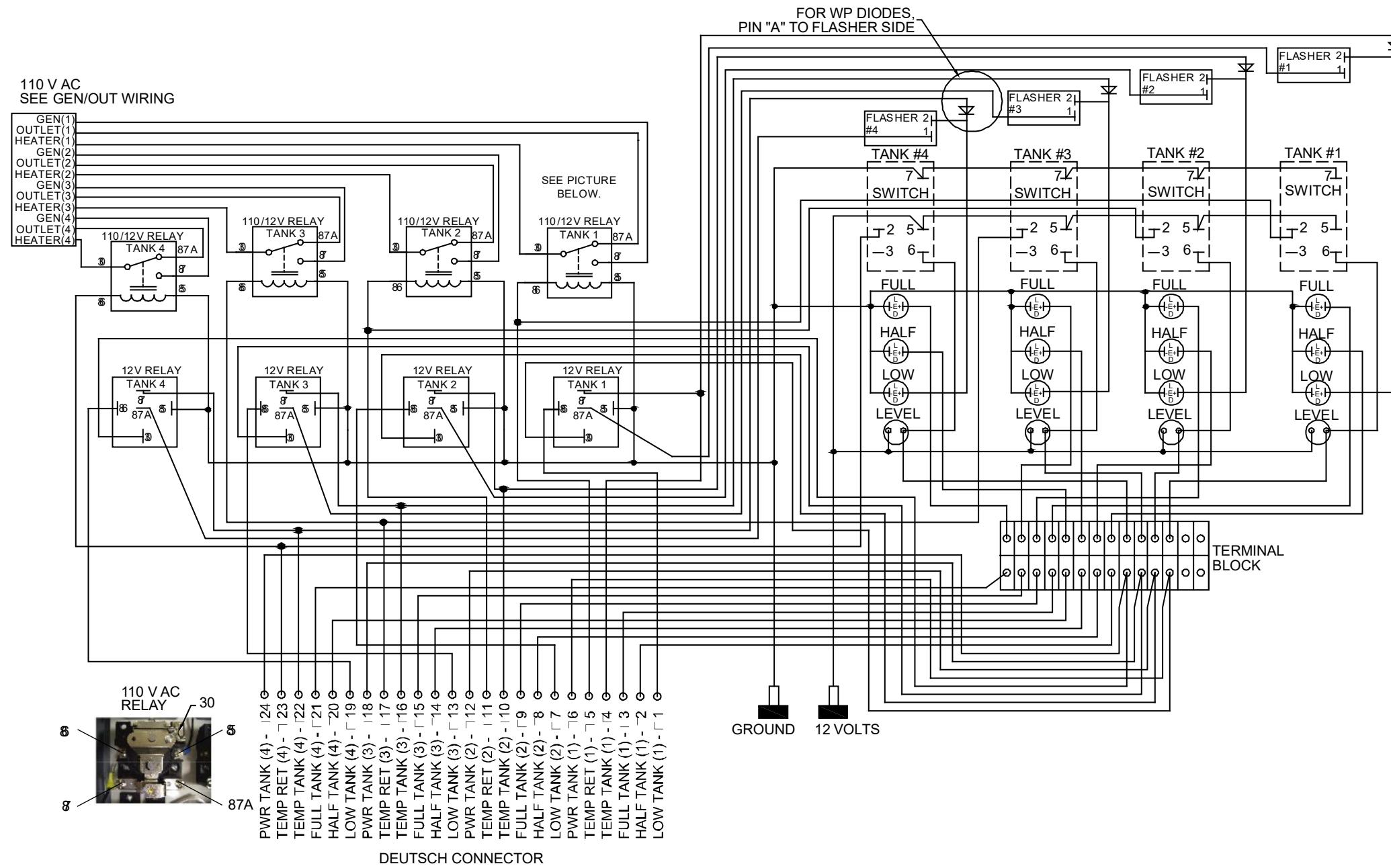


THIS DRAWING SHOWS AN EXAMPLE OF EACH TYPE OF HEATER AND ITS TYPICAL CONNECTIONS. ALL COMPONENTS ARE OPTIONAL, SO ANY COMBINATION MAY BE USED ON A PARTICULAR TRUCK.

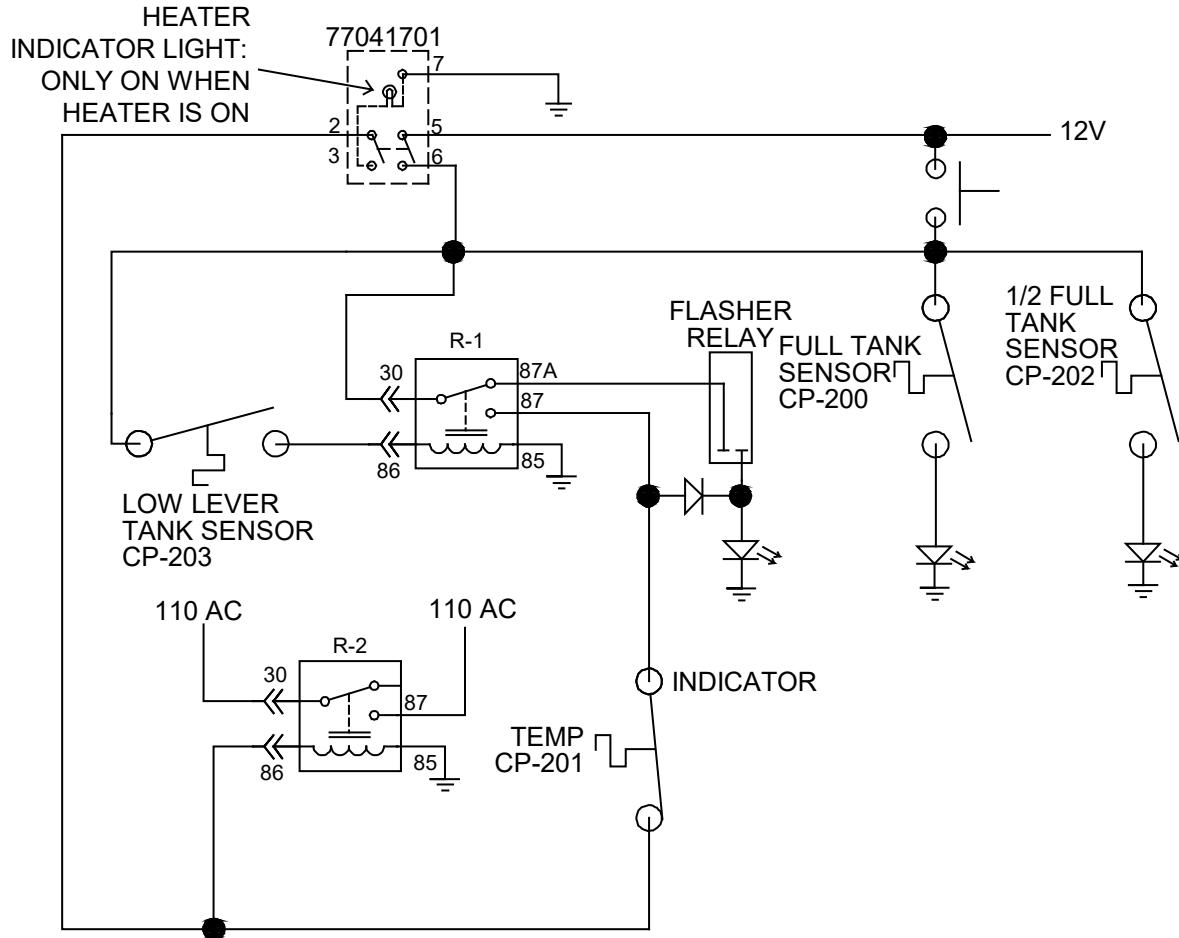
WITH A LOW NUMBER OF HEATERS, A TEE MAY BE SUBSTITUED FOR THE MANIFOLD.

VARIOUS SIZES OF HEATER HOSE MAY BE USED. HOSEBARB ADAPTERS MAY BE REPLACED AS NECESSARY ON PURCHASED COMPONENTS, FOR BETTER FIT AND ORIENTATION.

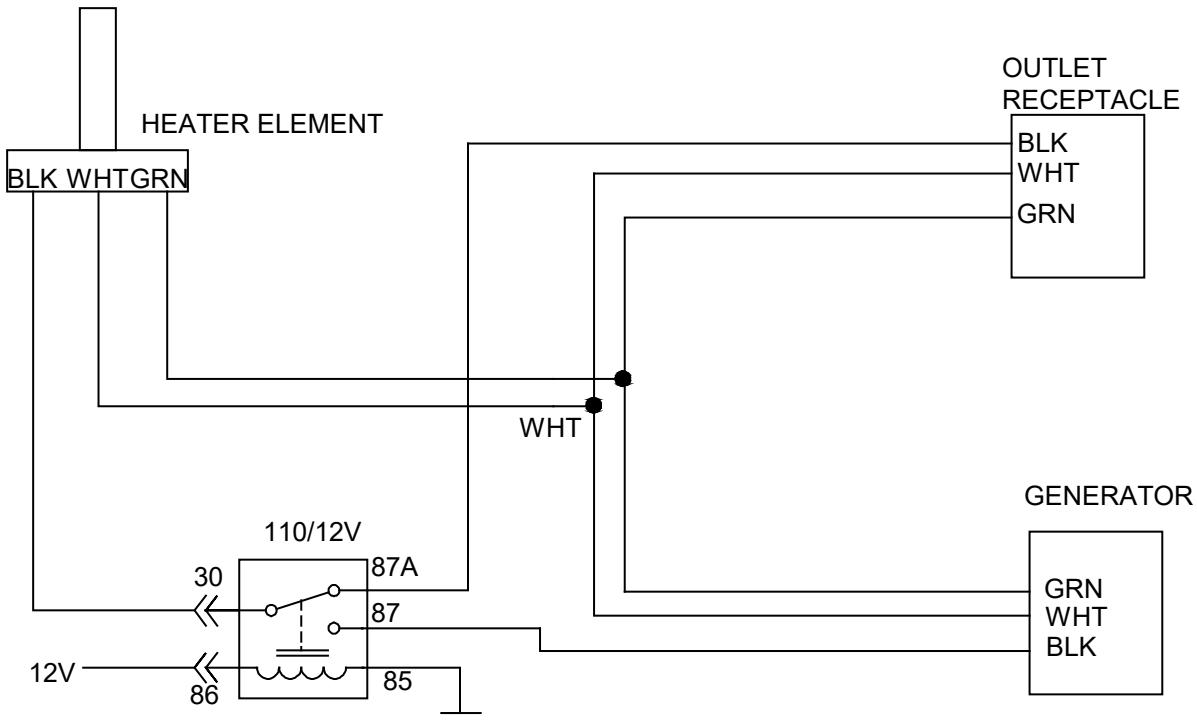
Four Tank Heaters Wiring Diagram (99904156-1)



One Tank Heater Schematic (99904156-2)

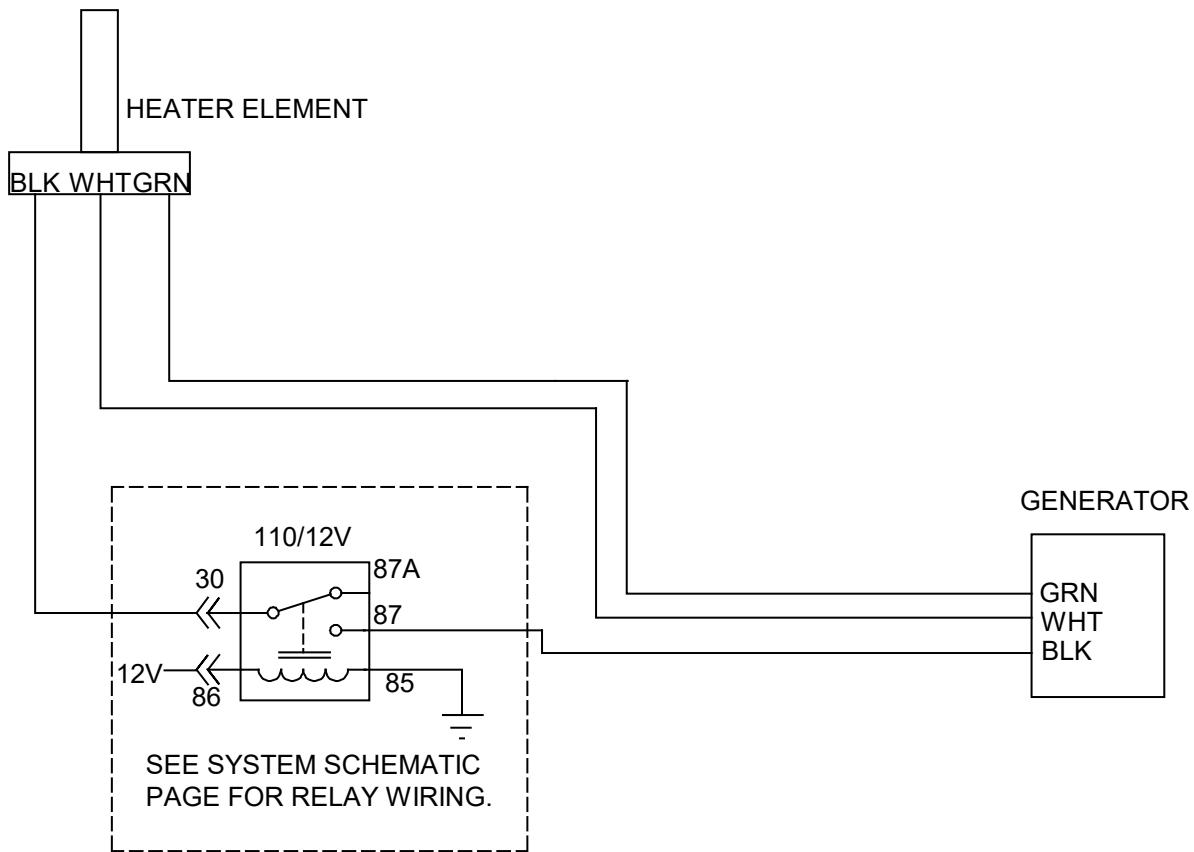


Generator/Outlet Wiring Schematic (99904156-3)

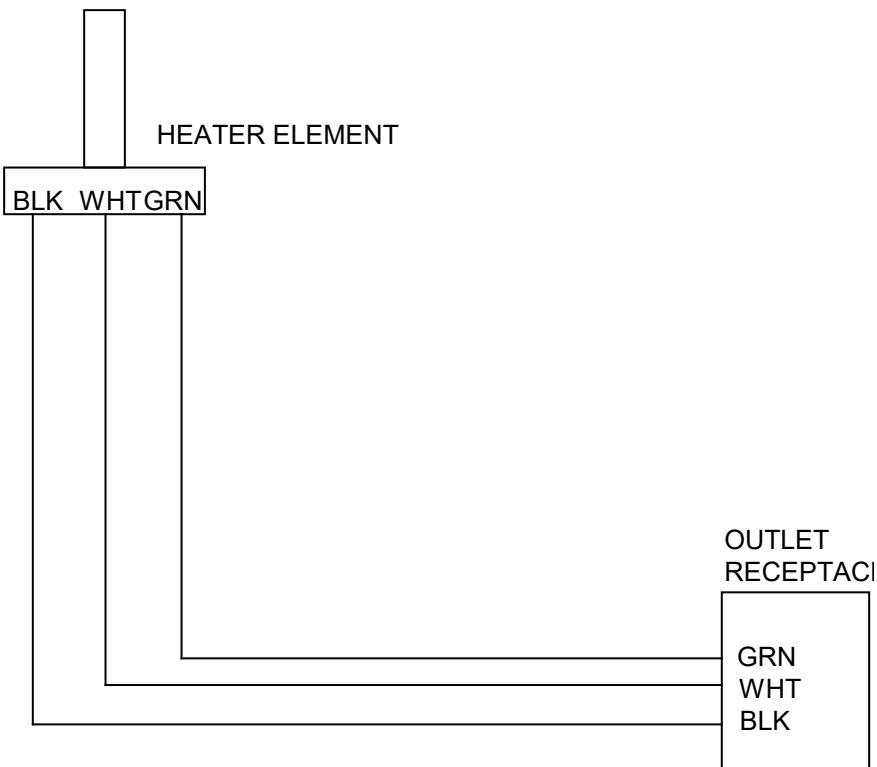


SEE SYSTEM SCHEMATIC PAGE
FOR RELAY WIRING.

Generator Only Wiring Schematic (99904156-4)

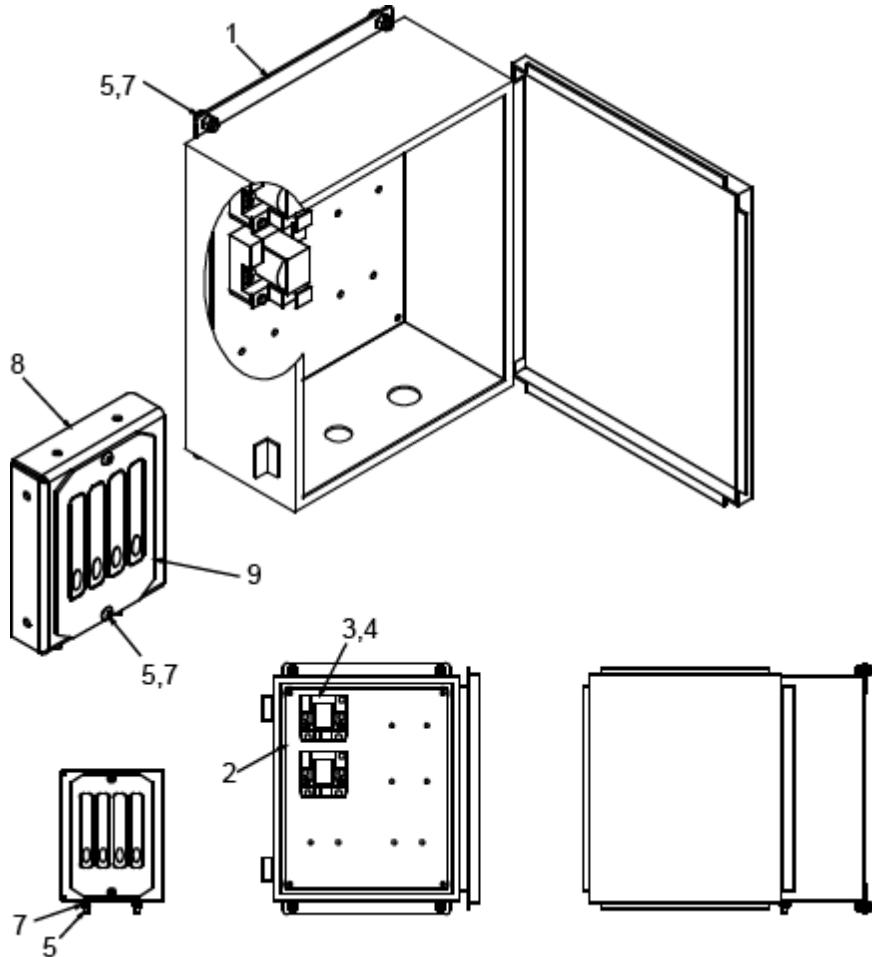


Outlet Only Schematic (99904156-5)



Tank Heater Control Box (Eff. 2008)

(99904337-1)

**NOTE:**

- 1 THE STANDARD KIT CONTAINS COMPONENTS FOR TWO TANK HEATER SYSTEMS. ADDITIONAL SYSTEMS ARE ASSEMBLED IN THE SAME MANNER.

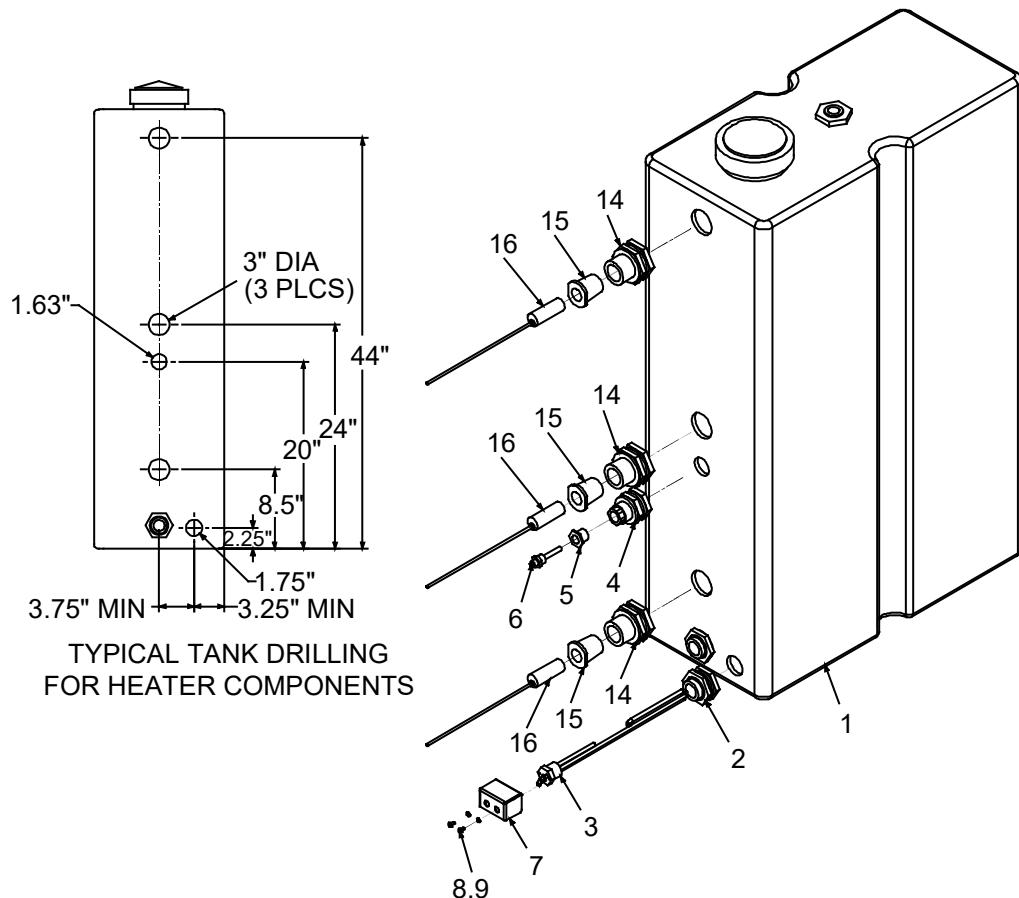
99904337 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60397302	JIC BOX-MODIFIED SITESTAR HEATER	1
2.	60131046	BRACKET-ELECTRICAL TANK HEATER	1
3.	70734055	RELAY-10A 110VAC 12V COIL	2
4.	72060638	SCR-MACH 10-24X 1.00 RDH ZINC	4
5.	72601652	SCR-MACH .25-20X .75TRHTORXSS	8
6.	72062106	NUT 10-24 HEX NYLOCK	6
7.	72062194	NUT-SS .25-20 NYLOC	6
8.	60251253	MOUNT BRACKET-HEATER CONTROLS SITESTAR	1
9.	77041747	MODULE-SWITCH PANEL/LEVEL INDICATOR	1
10.	77044049	CONNECTOR-.75 ROMEX	1
11.	77044099	CONNECTOR-.38 ROMEX	1

99904337 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
REV. B 20080227			

Tank Heater System (Eff. 2008) (99904337-2)


NOTE:

- 1 Quantities listed are per tank heater system.

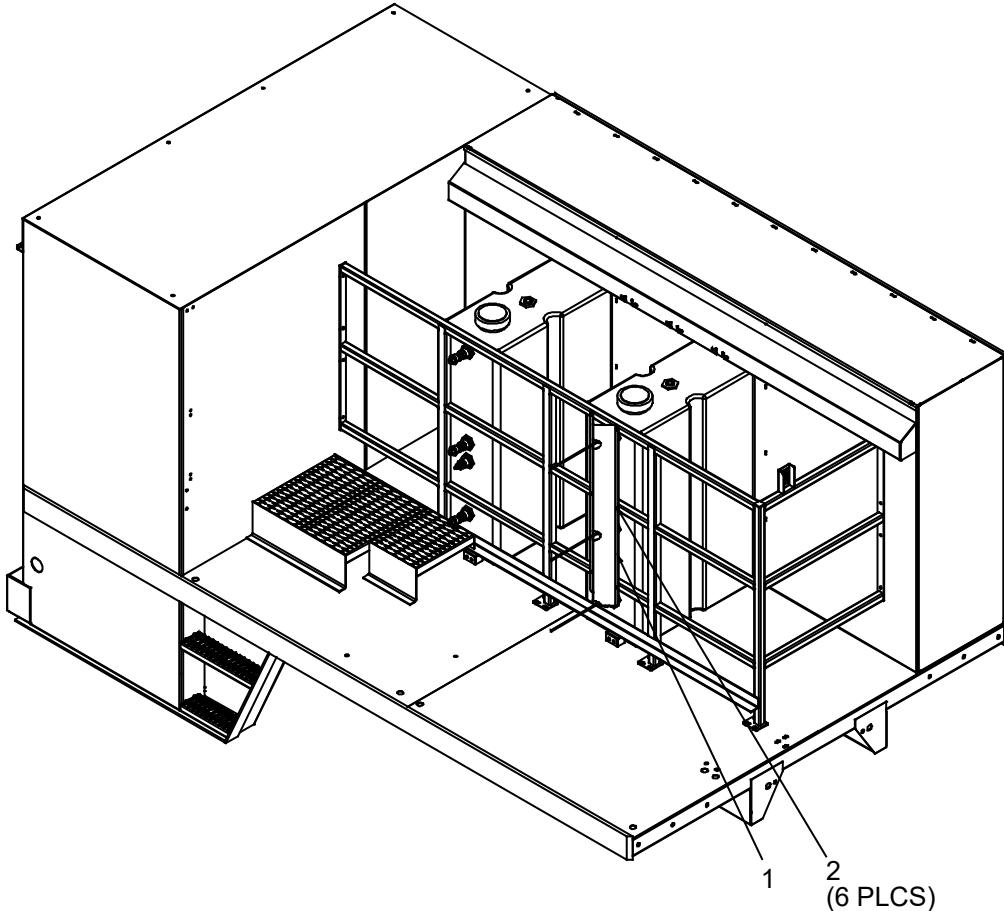
99904337-2 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	Various	TANK-POLY	1
2.	73734063	FITTING-1 INCH BULKHEAD	1
3.	77042100	HEATER-120VAC SINGLE PHASE	1
4.	72534432	UNION-BULKHEAD PVC .75 NPT W-GASKET	1
5.	72531833	REDUCER BUSH-STL .75-.50	1
6.	77041733	SWITCH-TANK HEAT NC 100 DEGREES	1
7.	60251236	COVER-HEATER ELEMENT	1
8.	72601755	SCR-MACH #10-24X .38 PNH SL Z	2
9.	72063047	WASHER #10 LOCK	2
10.	77441226	HARNESS-TANK HEATER	1

99904337-2 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
11.	77040186	TERM-FSLPON I .25TAB 16-14 GA	A/R
12.	77044075	CONNECTOR-.50 LIQUID TITE	1
13.	89034271	CONDUIT-.50 FLEXIBLE NON METAL	20'
14.	72534538	UNION-BULKHEAD 1.5 NPT W-GASK POLY TANK	3
15.	72534537	SENSOR WELL-HOLDS 30MM SENSOR	3
16.	77041779	PROXIMITY SENSOR-30MM NO CAPACITIVE	3
REV. B 20080227			

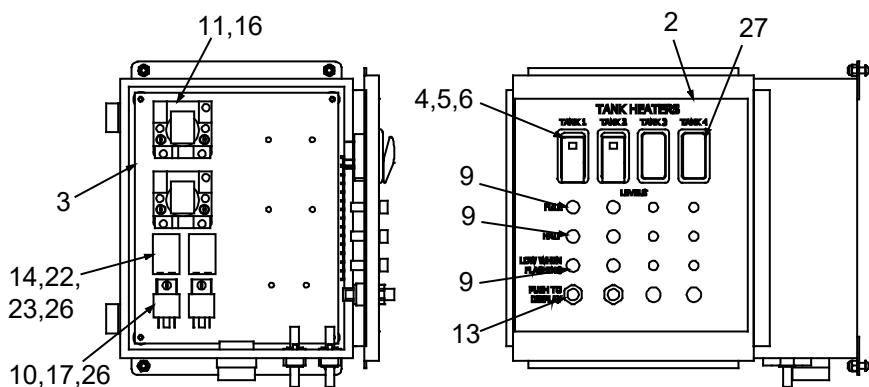
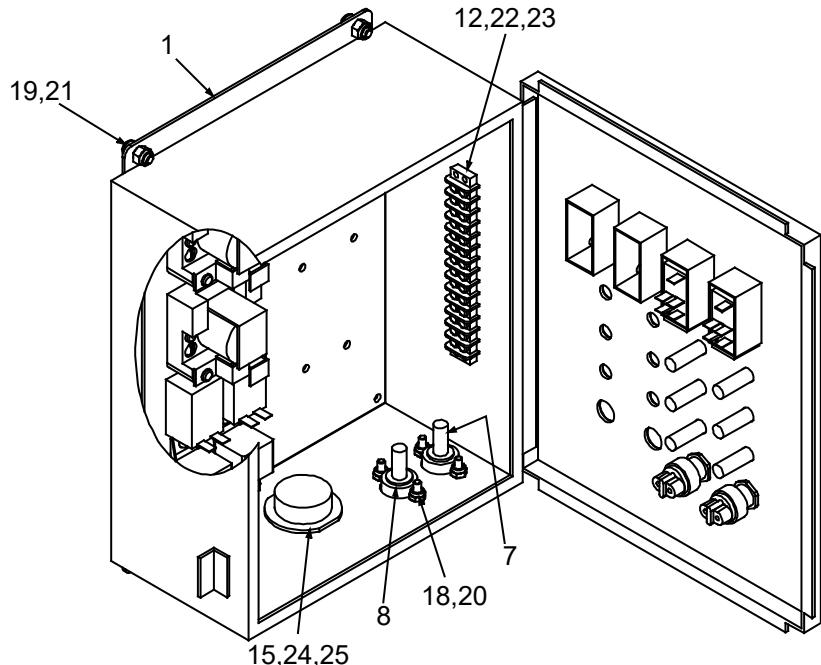
Tank Heater Guard (Eff. 2008) (99904337-3)



TANK HEATER GUARD PARTS LIST (99904337-3)

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60132810	GUARD-SENSOR SITESTAR HEATER	1
2.	72061739	SCR-TEK 12-14X 1.00 HWH 3 PT	6
REV. B 20080228			

Polyethylene Tank Heater Control Box (99904160-1) (Thru 2007)



NOTE:

- KIT 91720779 CONTAINS THE CONTROL BOX AND 2 HEATER KITS 91720514, WHICH INCLUDES COMPONENTS FOR TWO TANK HEATER SYSTEMS. ADDITIONAL SYSTEMS ARE ASSEMBLED IN THE SAME MANNER.

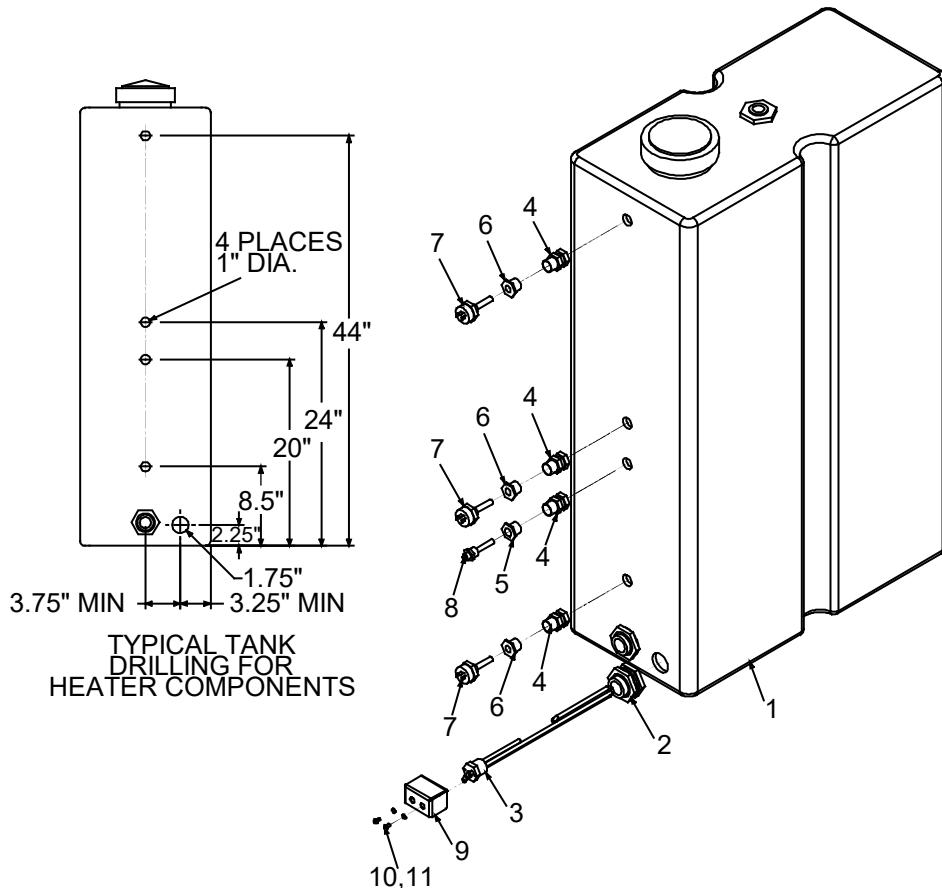
99904160-1 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60397045	JIC BOX-MODIFIED SITESTAR HEATER	1
2.	70397048	DECAL-TANK HEATERS SITESTAR	1
3.	60131046	BRACKET-ELECTRICAL TANK HEATER	1
4.	77041701	SWITCH-ROCKER BODY	2
5.	77041499	SWITCH-ROCKER RED ACTUATOR	2
6.	77041689	SWITCH-ROCKER SINGLE MOUNTING PANEL	4

99904160-1 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
7.	70145959	STUD-ELEC PASS THROUGH .38 BLK	1
8.	70145888	STUD-ELEC PASS THROUGH .38 RED	1
9.	77042001	LIGHT-RED	6
10.	77041251	RELAY-12V 30 AMP NOM/40 AMP MAX	2
11.	70734055	RELAY-10A 110VAC 12V COIL	2
12.	77044309	TERMINAL BLOCK-14 CONTACT	1
13.	77041728	SWITCH-MOMENTARY PUSHBUTTON	2
14.	77041734	FLASHER-DC 60/MIN 2 PRONG	2
15.	77045953	CONN-DEUTSCH PLUG	1
16.	72060638	SCR-MACH 10-24X 1.00 RDH ZINC	4
17.	72060634	SCR-MACH 10-24X .50 RDH	2
18.	72060636	SCR-MACH 10-24X .75 RDH PH ZINC	4
19.	72601652	SCR-MACH .25-20X .75TRHTORXSS	4
20.	72062106	NUT 10-24 HEX NYLOCK	10
21.	72062194	NUT-SS .25-20 NYLOC	4
22.	89396082	VELCRO-HOOK 1" W/ADH BACKED TAPE	A/R
23.	89396083	VELCRO-LOOP 1" W/ADH BACKED TAPE	A/R
24.	77441225	HARNESS-TANK HEAT CONTROL	1
25.	77044580	SOCKET-DEUTSCH CONTACT	A/R
26.	77040186	TERM-FSLPON I .25TAB 16-14 GA	A/R
27.	77041571	SWITCH-ROCKER PLUG	2
NEW 20070214			

Polyethylene Tank Heater (99904160-2) (Thru 2007)



NOTE:

- 1 QUANTITIES LISTED ARE PER TANK HEATER SYSTEM. KIT 91720779 CONTAINS THE CONTROL BOX AND 2 HEATER KITS 91720514, WHICH INCLUDES COMPONENTS FOR TWO TANK HEATER SYSTEMS. ADDITIONAL SYSTEMS ARE ASSEMBLED IN THE SAME MANNER.

99904160-2 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	99904160	TANK-POLY	1
2.	73734063	FITTING-1 INCH BULKHEAD	1
3.	77042100	HEATER-120VAC SINGLE PHASE	1
4.	72534432	UNION-BULKHEAD PVC .75" NPT W-GASKET	4
5.	72531833	REDUCER BUSH-STL .75-.50	1
6.	72531832	REDUCER BUSH-STL .75-.38	3
7.	77041217	LEVEL DETECTOR	3
8.	77041733	SWITCH-TANK HEAT NC 100 DEGREES	1
9.	60251236	COVER-HEATER ELEMENT SITESTAR	1
10.	72601755	SCR-MACH #10-24X .38 PNH SL Z	2
11.	72063047	WASHER #10 LOCK	2
12.	77441226	HARNESS-TANK HEATER	1
13.	77040186	TERM-FSLPON I .25TAB 16-14 GA	A/R

99904160-2 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
14.	77044075	CONNECTOR-.50 LIQUID TITE	1
15.	89034271	CONDUIT-.50 FLEXIBLE NON METAL	20'
NEW 20070214			

CHAPTER 9

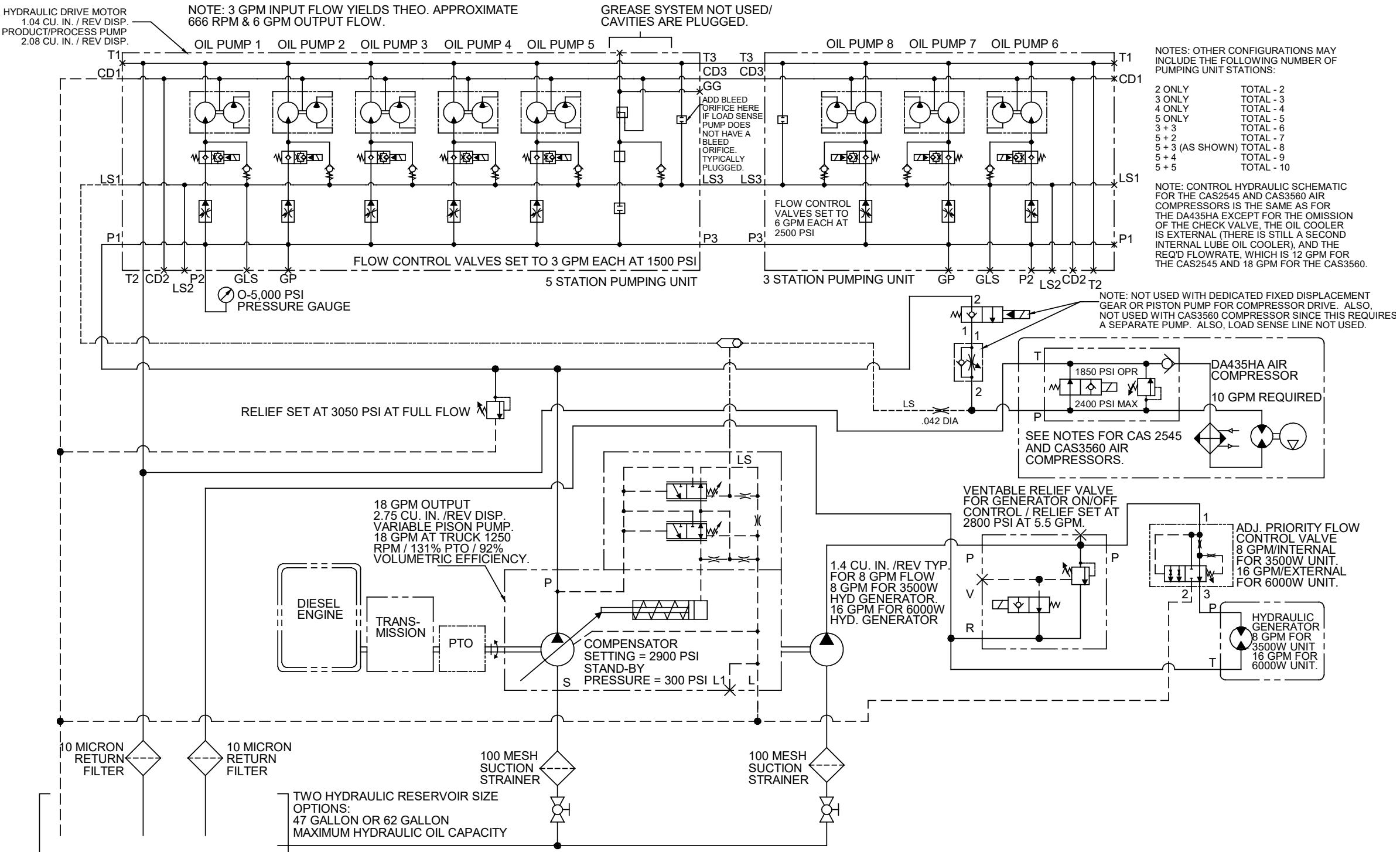
Hydraulics & Pumps

In This Chapter

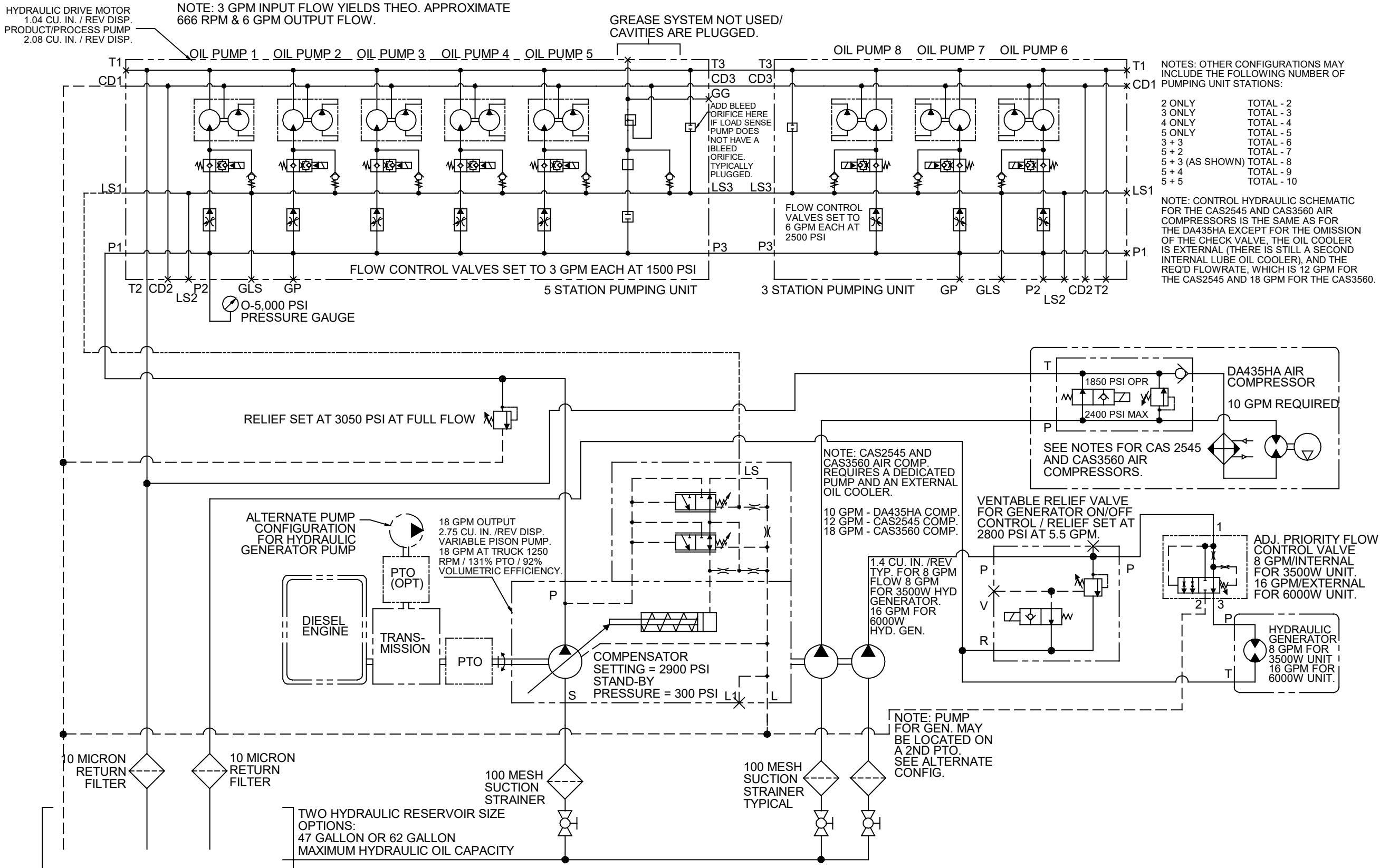
Hydraulic Schematic (99903939).....	188
Hydraulic System (99904138)	191
Installation Kit, Oil Pump Manifold (99904271)	200
Hydraulic Reservoir Installation (Above Deck) (99904139).....	202
Hydraulic Reservoir Installation (Below Deck) (99904140)	203
Hydraulic Cooler Installation (99904495)	204
Installation of Variable Displacement Pump.....	205

Hydraulic Schematic (99903939)

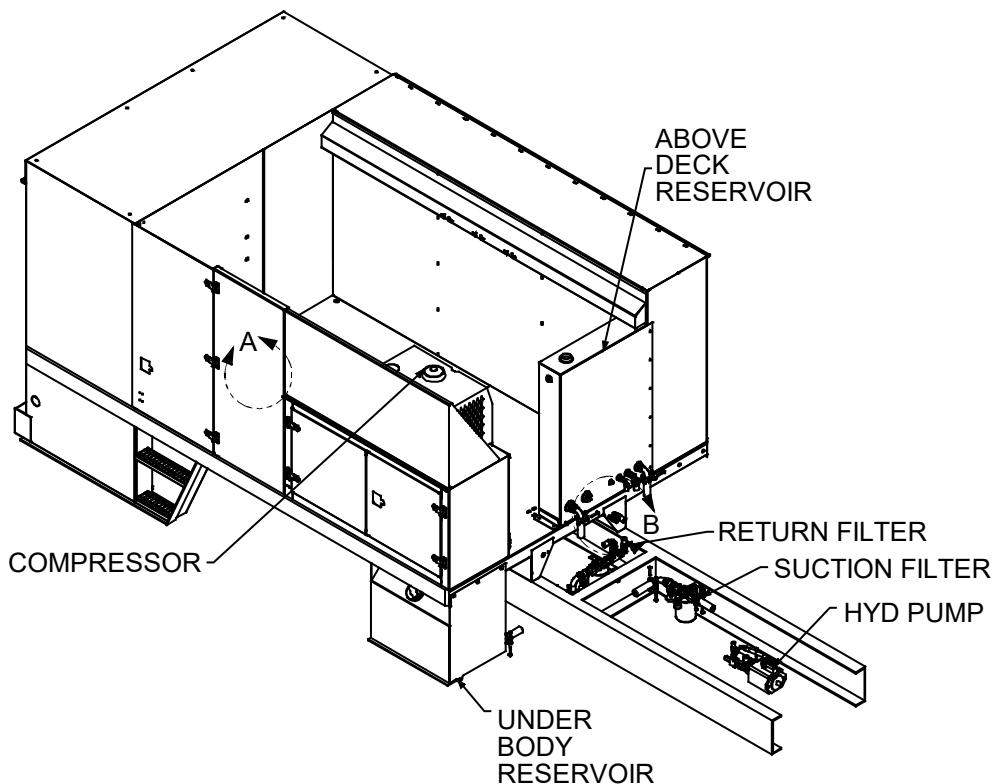
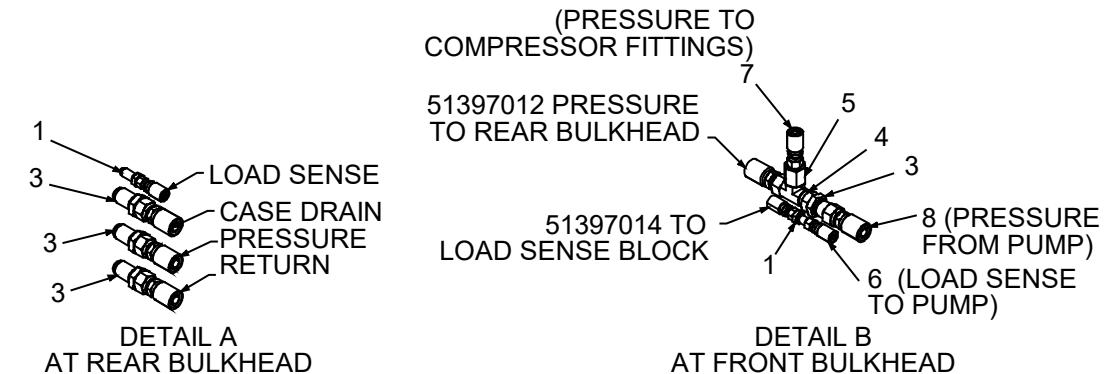
Hydraulic Schematic, Common Lube-Compressor Pumps (99903939)
(Rev. A 20060921)



Hydraulic Schematic, Separate Lube-Compressor Pumps (99903939)
 (Rev. A 20060921)



Hydraulic System (99904138)



TYPICAL INSTALLATION SHOWN.
SPECIFIC CHASSIS AND SYSTEMS
MAY REQUIRE UNIQUE COMPONENTS.

NOTE:

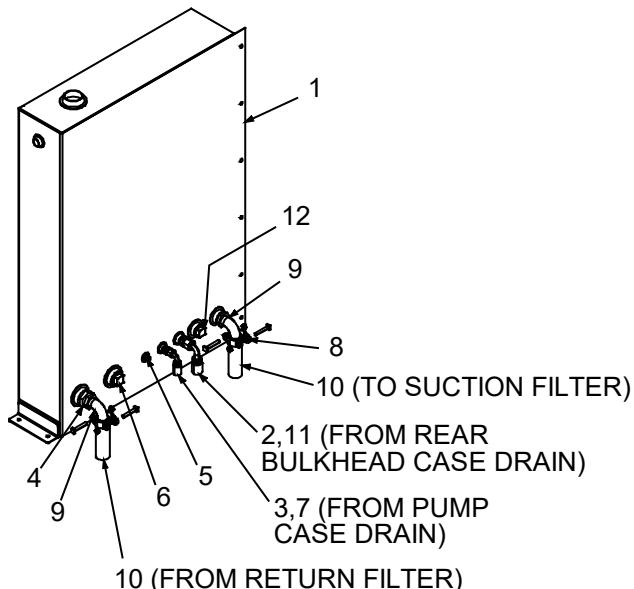
- 1 TYPICAL INSTALLATION SHOWN. CHASSIS AND SYSTEM SPECIFICS MAY REQUIRE UNIQUE COMPONENTS.

99904138 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	72532835	UNION-BULKHEAD JIC 6 (9/16-18)	A/R
3.	72533371	UNION-BULKHEAD JIC 12 (1 1/16-12)	A/R
4.	72532950	TEE-SWVL NUT RUN JIC 12	1
5.	72532972	ADPTR-M JIC/F JIC 8 12	1

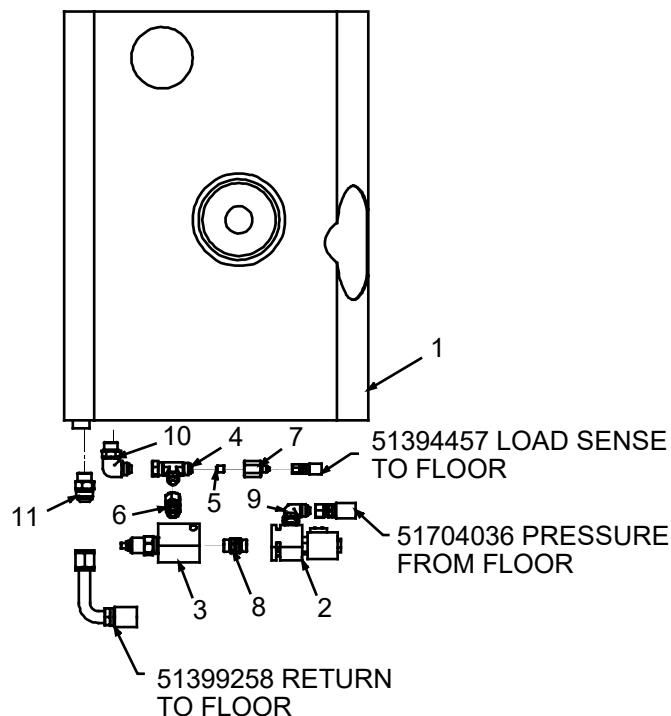
99904138 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
6.	72533344	HOSE FTG-TYPE F 6 .38	A/R
7.	72532975	HOSE FTG-TYPE F 8 .50	A/R
8.	72532976	HOSE FTG-TYPE F 12 .75	A/R
REV. A 20070430			

Reservoir Assembly (99904138-1)

99904138 RESERVOIR ASSEMBLY PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52719641	RESERVOIR-WLDMT 62.00 GAL UBTB SPACE	A/R
1.	52719861	RESERVOIR-WLDMT 48 GAL LUBE	A/R
2.	72053676	ADPTR-MPT/M JIC .75 12 (WAS 72053671)	1
3.	72053497	ADPTR-MPT/M JIC .50 8	1
4.	72531838	REDUCER BUSH-STL 1.50-1.25	1
5.	72053245	PLUG-PIPE SQ HD BLK .25	1
6.	72053418	PLUG-PIPE SQ HD BLK 1.50	1
7.	72533387	HOSE FTG-TYPE J 8 .50	2
8.	72661642	CLAMP-T-BOLT 1.25 (WAS 72066516)	2
9.	72531550	NIPPLE-BARB STL 1.25MPT 1.25	A/R
9.	72532346	NIPPLE-BARB 90 DEG 1.25 1.25	A/R
10.	89393401	HOSE-HYD 1.25 100R4	A/R
11.	72533378	HOSE FTG-TYPE J 12 .75 PARK	1
12.	72053249	PLUG-PIPE SQ HD BLK 1.25	1
REV. C 20070810			

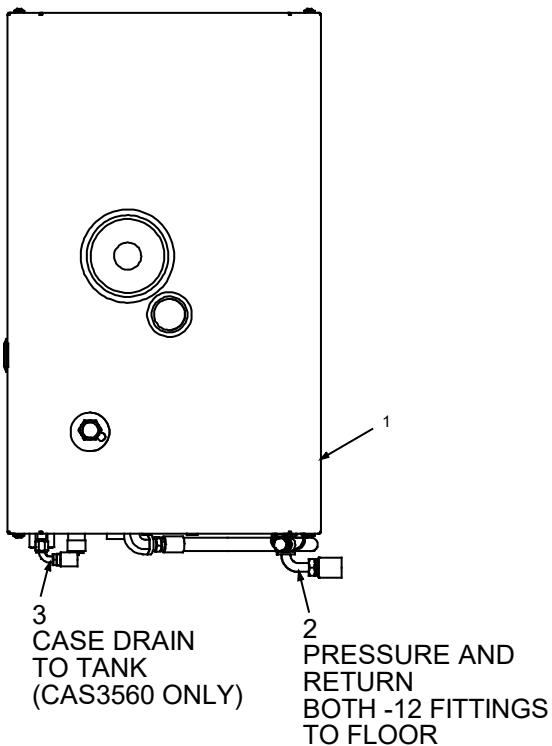
20013 Compressor Installation (99904138-2)



99904138 20013 COMPRESSOR INSTALLATION PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	20013	COMPRESSOR	1
2.	73054576	VALVE-SOL	1
3.	73054714	VALVE-FLOW REG	1
4.	60122448	TEE-MODIFIED SWVL NUT RUN .75	1
5.	60122782	ORIFICE-SET SCR 0.44-20 X .50 (0.042)	1
6.	72533304	ADPTR-M STR/F JIC 8 8	1
7.	72532665	ADPTR-M JIC/F JIC 4 8	1
8.	72532728	UNION-M STR/M STR .75 .75	1
9.	72053763	ELBOW-M STR/90/M JIC 8 8	1
10.	72053764	ELBOW-M STR/90/M JIC 10 8	1
11.	72532365	ADPTR-M STR/M JIC 10 12	1
REV A 20111028			

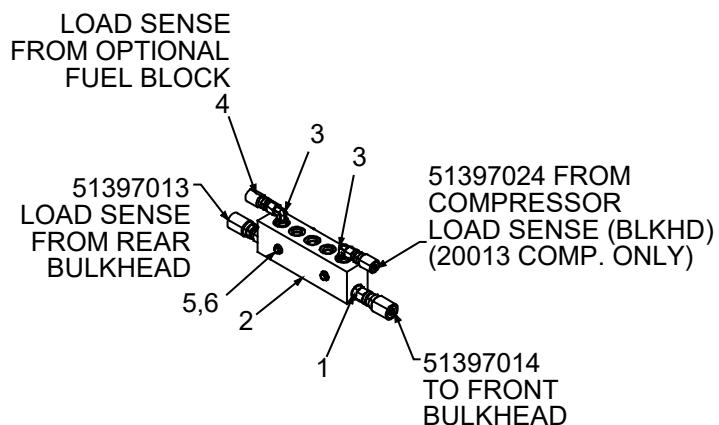
CAS3560 Compressor (99904138-2)



99904138 CAS3560 COMPRESSOR INSTALLATION PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QUANTITY
1.	CAS3560	COMPRESSOR-ASSY CANOPY ROTARY SCREW	1
2.	72533378	HOSE FTG-TYPE J 12 .75	2
3.	72533335	HOSE FTG-TYPE J 6 .38	1
NEW 20061201			

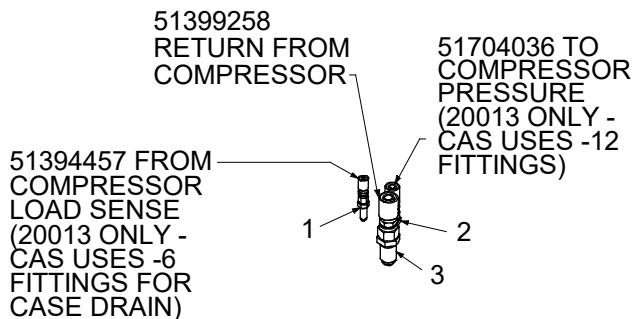
Load Sense Block (99904138-2)



99904138 LOAD SENSE BLOCK PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	72532775	ADPTR-M STR/M JIC 4 6	2
2.	73054916	VALVE-CHECK MANIFOLD ASM/LUBE	1
3.	72053758	ELBOW-M STR/90/M JIC 4 4	A/R
4.	72533258	HOSE FTG-TYPE F 4 .25	A/R
5.	72063049	WASHER .25 LOCK	2
6.	72061148	SCR-TEK 12-14X 2.50 HWH 2 PT	2
NEW 20061130			

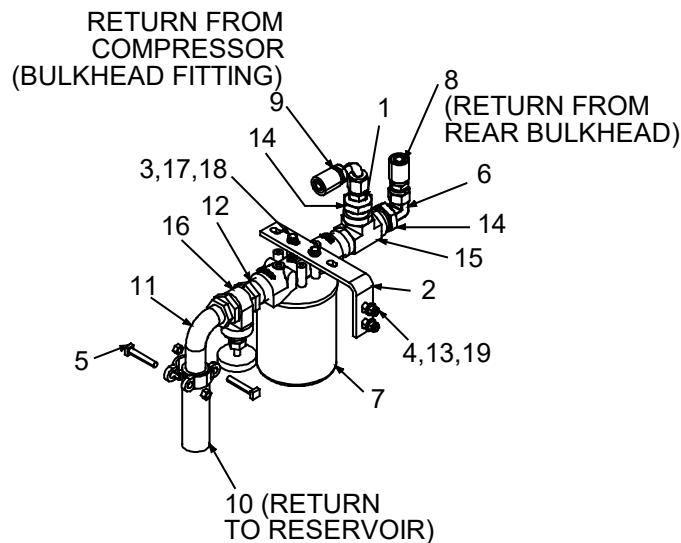
Air Compressor Bulkhead Connections at Front of Floor (99904138-2)



99904138 AIR COMPRESSOR BULKHEAD CONNECTIONS PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	72532835	UNION-BULKHEAD JIC 6 (9/16-18)	A/R
1.	72533024	UNION-BULKHEAD JIC 4 (7/16-20)	A/R
2.	72533373	UNION-BULKHEAD JIC 8 (3/4-16)	A/R
3.	72533371	UNION-BULKHEAD JIC 12 (1 1/16-12)	A/R
REV. A 20111028			

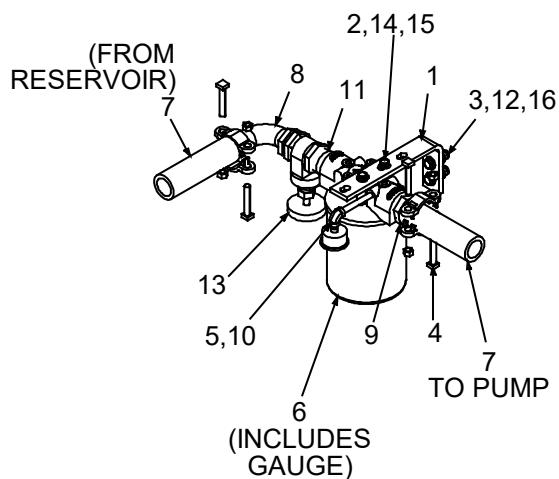
Return Filter (99904138-3)



99904138 RETURN FILTER PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	72053676	ADPTR-MPT/M JIC .75 12	1
2.	60103870	BRACKET-OIL FILTER	1
3.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	2
4.	72060048	CAP SCR .38-16X 1.50 HH GR5 Z	2
5.	72066516	CLAMP-HOSE 1.25 2-BOLT	1
6.	72531427	ELBOW-MPT/90/M JIC .75 12	1
7.	73052091	FILTER-HYD RET 10MIC 1.25 NPTF	1
8.	72532976	HOSE FTG-TYPE F 12 .75	1
9.	72533378	HOSE FTG-TYPE J 12 .75	1
10.	89393401	HOSE-HYD 1.25	A/R
11.	72531550	NIPPLE-BARB STL 1.25MPT 1.25	A/R
11.	72532346	NIPPLE-BARB 90 DEG 1.25 1.25	A/R
12.	72053211	NIPPLE-PIPE BLK 1.25X CLOSE	2
13.	72062103	NUT .38-16 HEX NYLOCK	2
14.	72531836	REDUCER BUSH-STL 1.25- .75	2
15.	72053615	TEE-STL 1.25	1
16.	73054130	VALVE-GATE 1.25 BRASS	1
17.	72063002	WASHER .31 FLAT	2
18.	72063050	WASHER .31 LOCK	2
19.	72063003	WASHER .38 FLAT	4
NEW 20061201			

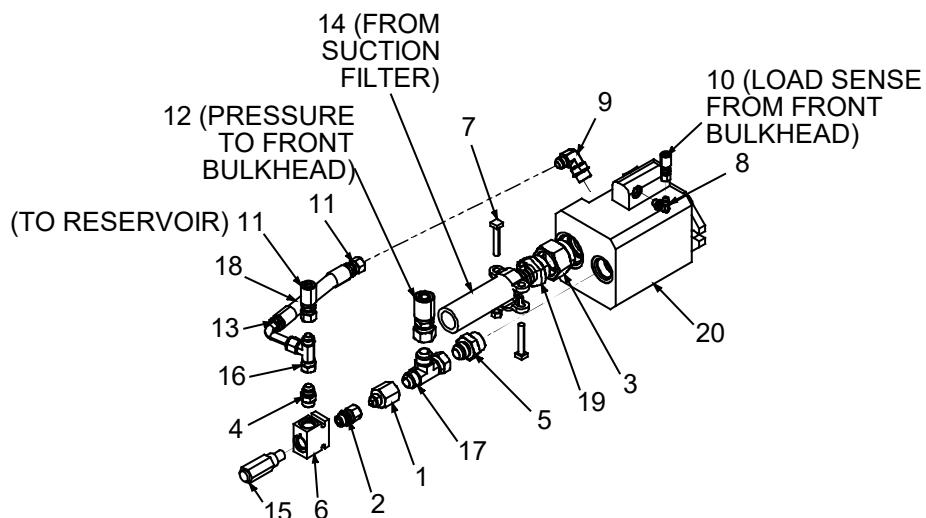
Suction Filter (1 per pump) (99904138-3)



99904138 SUCTION FILTER PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	60103870	BRACKET-OIL FILTER	1
2.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	2
3.	72060048	CAP SCR .38-16X 1.50 HH GR5 Z	2
4.	72066516	CLAMP-HOSE 1.25 2-BOLT	2
5.	72531098	ELBOW-STL .12 X 90 DEG	1
6.	73052012	FILTER-HYD SUC-100 MESH W/GAGE	1
7.	89393401	HOSE-HYD 1.25 100R4	A/R
8.	72532346	NIPPLE-BARB 90 DEG 1.25 1.25	A/R
9.	72531550	NIPPLE-BARB STL 1.25MPT 1.25	A/R
10.	72053005	NIPPLE-PIPE BLK .12X 3.00	1
11.	72053211	NIPPLE-PIPE BLK 1.25X CLOSE	1
12.	72062103	NUT .38-16 HEX NYLOCK	2
13.	73054130	VALVE-GATE 1.25 BRASS	1
14.	72063002	WASHER .31 FLAT	2
15.	72063050	WASHER .31 LOCK	2
16.	72063003	WASHER .38 FLAT	4
NEW 20061201			

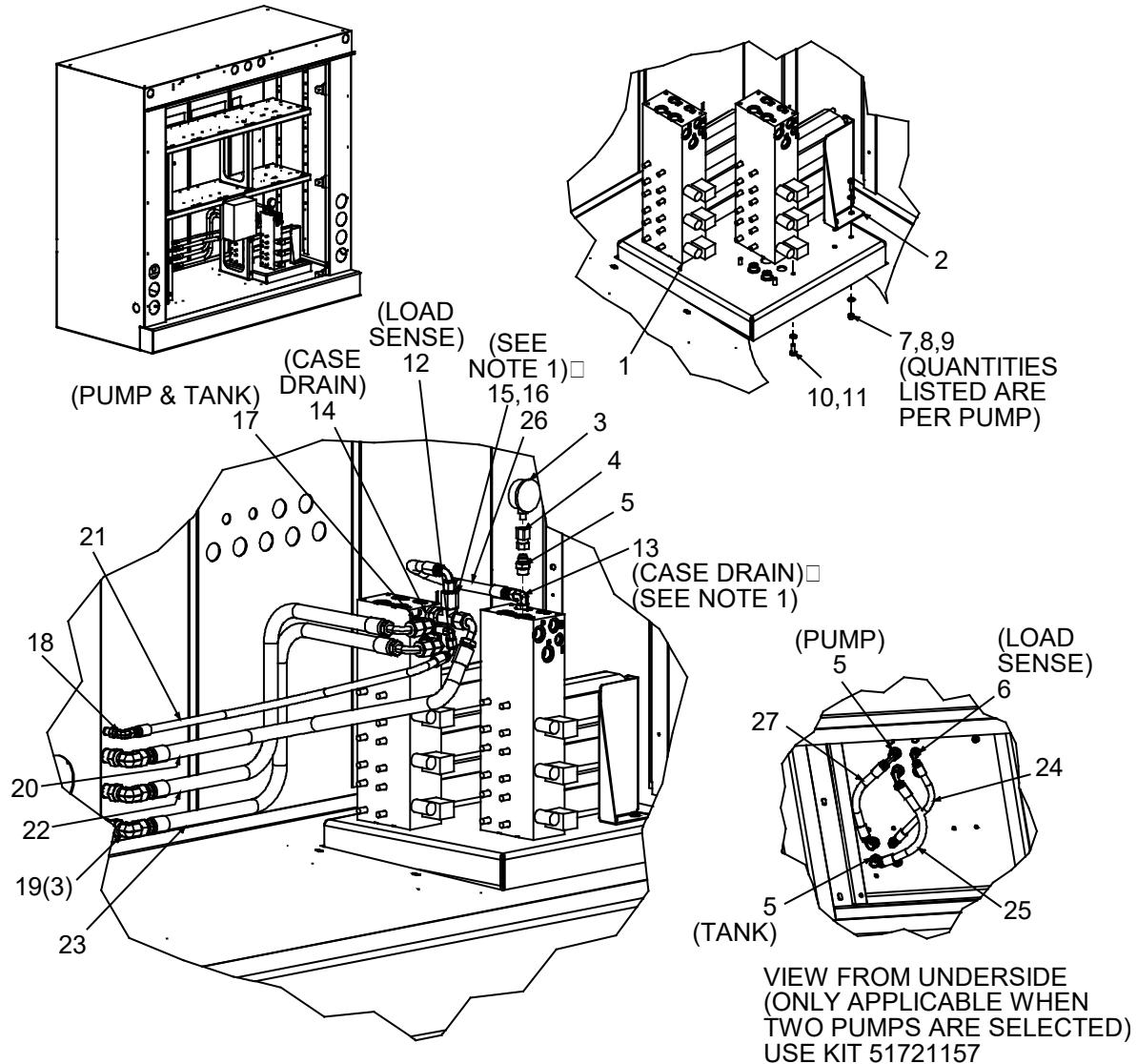
Hydraulic Pump (99904138-3)



99904138 HYDRAULIC PUMP PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	72532972	ADPTR-M JIC/F JIC 8 12	1
2.	72533304	ADPTR-M STR/F JIC 8 8	1
3.	72533114	ADPTR-M STR/F STR 24 20	1
4.	72532358	ADPTR-M STR/M JIC 8 8	1
5.	72532367	ADPTR-M STR/M JIC 16 12	1
6.	70143516	BODY-VALVE 8TPORTS	1
7.	72066516	CLAMP-HOSE 1.25 2-BOLT	1
8.	72053758	ELBOW-M STR/90/M JIC 4 4	1
9.	72053764	ELBOW-M STR/90/M JIC 10 8	1
10.	72533258	HOSE FTG-TYPE F 4 .25	1
11.	72532975	HOSE FTG-TYPE F 8 .50	2
12.	72532976	HOSE FTG-TYPE F 12 .75	1
13.	72533510	HOSE FTG-TYPE Z 8 .50	1
14.	89393401	HOSE-HYD 1.25	A/R
15.	73054583	VALVE-RELIEF	1
16.	72532657	TEE-SWVL NUT RUN JIC 8	1
17.	72532950	TEE-SWVL NUT RUN JIC 12	1
18.	89394585	HOSE-HYD .50 100R2 451TC-8	A/R
19.	72532710	NIPPLE-BEAD 90DEG 20 STR 1.25	A/R
19.	72531530	NIPPLE-BARB STL 20 STR 1.25	A/R
20.	73051642	PUMP- CW 7/8" SHAFT	A/R
20.	73051616	PUMP- CCW 7/8" SHAFT	A/R
NEW 20061201			

Installation Kit, Oil Pump Manifold (99904271)



NOTE:

1 COMPONENTS ONLY APPLICABLE WHEN TWO PUMPS ARE SELECTED.

99904271 PARTS LIST

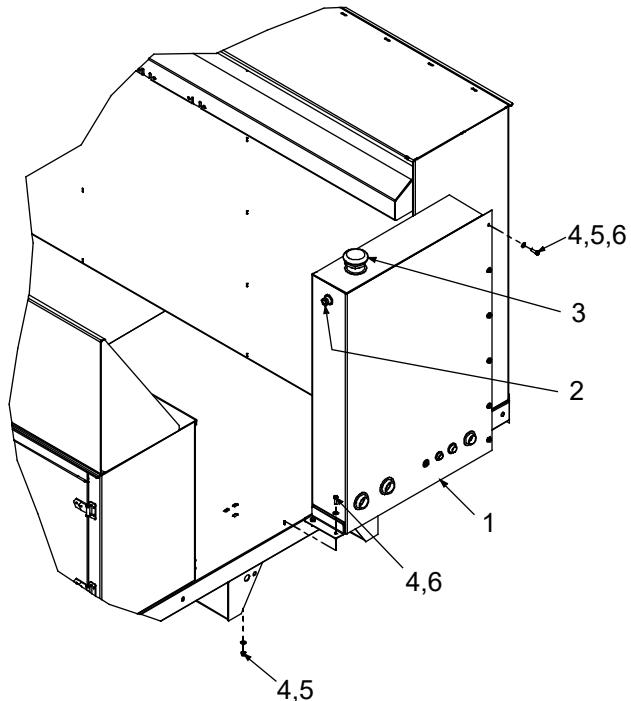
ITEM	PART #	DESCRIPTION	QUANTITY
1.	51716470	PUMP ASM-HYD LUBE 5 SECT MANIFOLD ASM	A/R
1.	51719998	PUMP ASM-HYD LUBE 4 SECT MANIFOLD ASM	A/R
1.	51716471	PUMP ASM-HYD LUBE 3 SECT MANIFOLD ASM	A/R
1.	51720005	PUMP ASM-HYD LUBE 2 SECT MANIFOLD ASM	A/R
2.	60129072	BRACKET-PUMP SUPPORT	1
3.	73054435	GAUGE-PRESS LIQ FILLED 5000PSI	1
4.	72534469	ADPTR-FPT/FJIC SWVL .25 8 (WAS 72053742)	1

99904271 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
5.	72532359	ADPTR-M STR/M JIC 10 8	5
6.	72532355	ADPTR-M STR/M JIC 6 6	2
7.	72063002	WASHER .31 FLAT	4
8.	72062109	NUT .31-18 HEX NYLOCK	2
9.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	2
10.	72063051	WASHER .38 LOCK	3
11.	72060046	CAP SCR .38-16X 1.00 HH GR5 Z	3
12.	72532700	ELBOW-M STR/M JIC XLG 6 6	1
13.	72053763	ELBOW-M STR/90/M JIC 8 8	1
14.	72532364	ADPTR-M STR/M JIC 8 12	1
15.	72532950	TEE-SWVL NUT RUN JIC 12	1
16.	72532972	ADPTR-M JIC/F JIC 8 12	1
17.	72053766	ELBOW-M STR/90/M JIC 10 12	2
18.	72532772	ELBOW-M JIC/F JIC SW 6 6	1
19.	72532696	ELBOW-M JIC/F JIC SW 12 12	3
20.	51397131	HOSE-FJ .75 X 48.00 (12-12) 100R17	1
21.	51396991	HOSE-FJ .38 X 55.00 (6-6) 100R17	1
22.	51396993	HOSE-FJ .75 X 51.00 (12-12) 100R17	1
23.	51396931	HOSE-FJ .75 X 51.00 (12-12) 100R4	1
24.	51397219	HOSE-JJ .38 X 12.50 (6-6) 100R17	1
25.	51397218	HOSE-JJ .50 X 14.50 (8-8) 100R4	1
26.	51395428	HOSE-FJ .50 X 17.00 (8-8) 100R17	1
27.	51397217	HOSE-JJ .50 X 12.00 (8-8) 100R17	1
REV A 20071002 (REPL 51719964 DRAWING)			

Hydraulic Reservoir Installation (Above Deck)

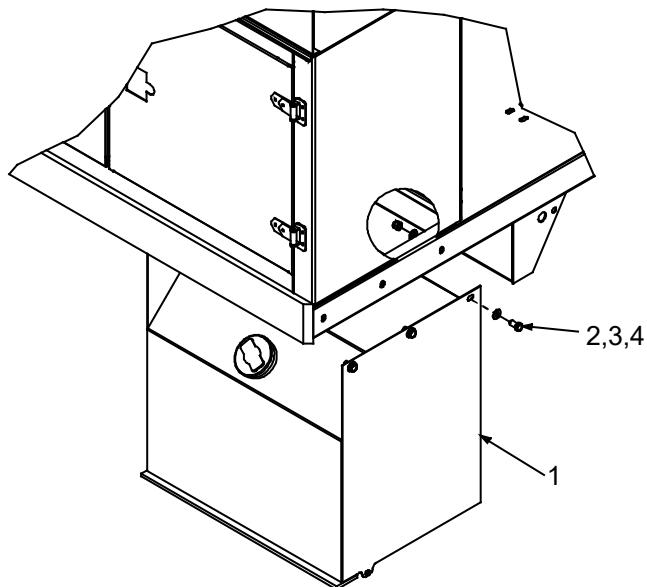
(99904139)



99904139 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52719861	RESERVOIR-WLDMT 48 GAL LUBE	1
2.	72532681	SIGHT GAUGE-.75 PLUG W/REFLCT	1
3.	70732184	FILL NECK ASM-VENTED CAP 2in 50	1
4.	72063003	WASHER .38 FLAT	16
5.	72062103	NUT .38-16 HEX NYLOCK	8
6.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	8
NEW 20061201			

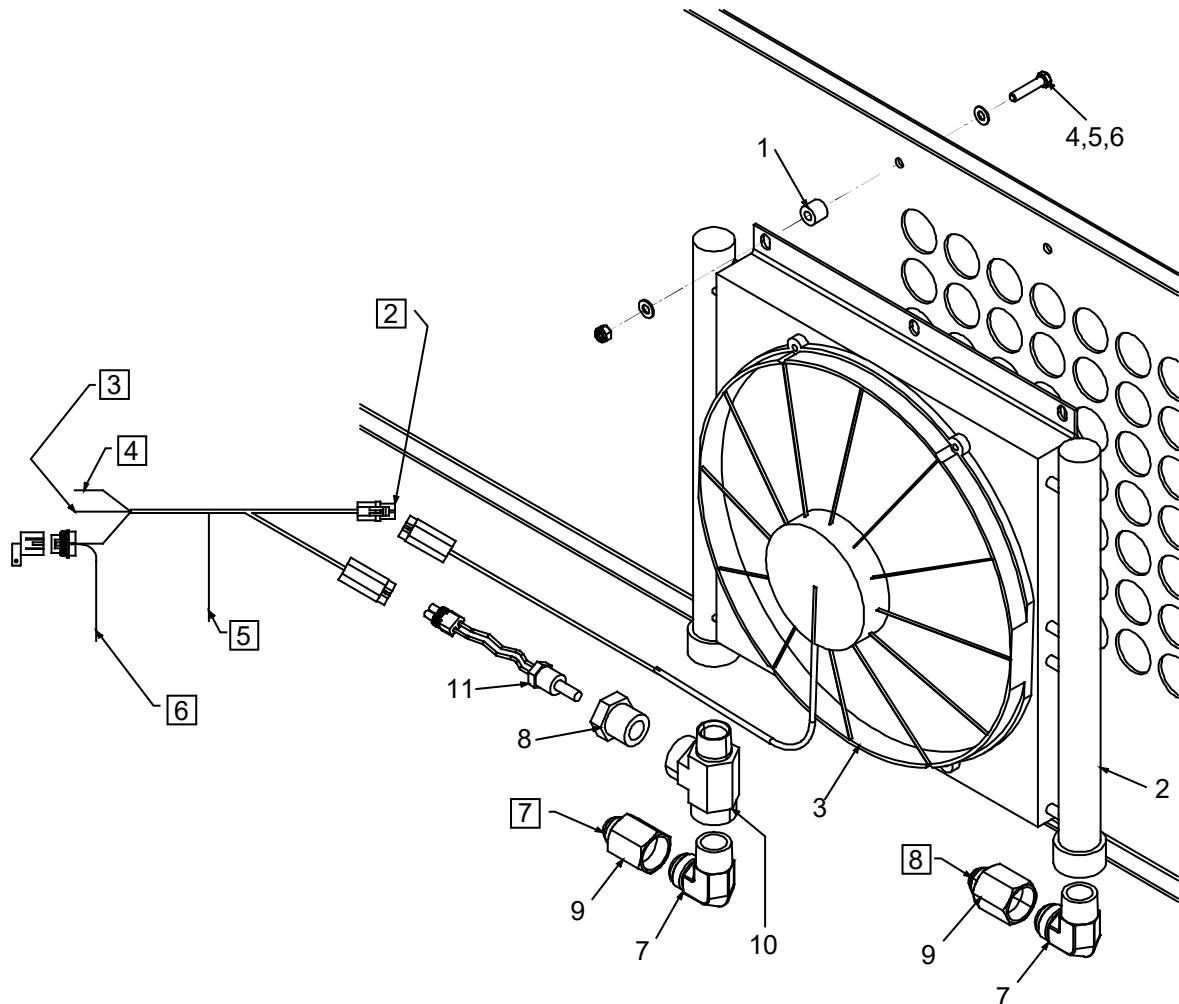
Hydraulic Reservoir Installation (Below Deck) (99904140)



99904140 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52719641	RESERVOIR-WLDMT 62.00 GAL UBTB SPACE	1
2.	72063005	WASHER .50 FLAT	12
3.	72062080	NUT .50-13 HEX NYLOCK	6
4.	72060091	CAP SCR .50-13X 1.00 HH GR5 Z	6
NEW 20061201			

Hydraulic Cooler Installation (99904495)



NOTES (SEE REFERENCE NUMBER IN BOX):

1 TYPICAL INSTALLATION SHOWN: RIGHT HAND BODY ADJACENT TO COMPRESSOR.

TO FAN - RETERMINATE FAN CONNECTOR. PARTS: 77044573 SHROUD (QTY 1), 70394069 SEAL (QTY 2), 77045887 PIN (QTY 2). BLACK: A. RED: B.

RED WIRE - TO SWITCHED +12VDC.

GREEN WIRE - TO PTO GROUND.

BLACK WIRE - TO CHASSIS GROUND.

RED WIRE - TO BATTERY +12VDC WITH 30 AMP FUSE.

INLET (INLET AND OUTLET CAN BE REVERSED BUT TEMPERATURE SWITCH MUST BE INSTALLED ON THE INLET SIDE.)

OUTLET (INLET AND OUTLET CAN BE REVERSED BUT TEMPERATURE SWITCH MUST BE INSTALLED ON THE INLET SIDE.)

99904495 PARTS LIST

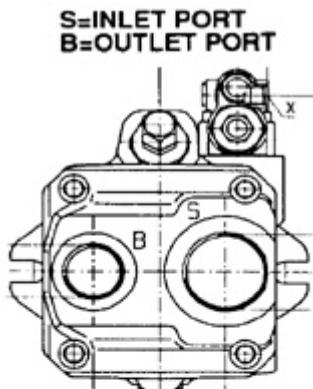
ITEM	PART #	DESCRIPTION	QUANTITY
	91721897	KIT-COOLER HYD SITESTAR 06	REF
1.	60030045	SPACER	6
2.	70143815	OIL COOLER W/O FAN	1
3.	70733695	FAN-16in PULLER STR BLADE 12VDC	1
4.	72060027	CAP SCR .31-18X 1.50 HH GR5 Z	6
5.	72062109	NUT .31-18 HEX NYLOCK	6
6.	72063002	WASHER .31 FLAT	12
7.	72531430	ELBOW-MPT/90/M JIC 1.00 16	2
8.	72531835	REDUCER BUSH-STL 1.00- .50	1
9.	72533028	ADPTR-M JIC/F JIC 12 16	2
10.	72534382	TEE-STREET STL 1.00	1
11.	77041659	SWITCH-TEMP FAN NO 120 DEGREES	1
12.	77441094	HARNESS-HYD COOLER AUX	1
REV. A 20090430			

Installation of Variable Displacement Pump

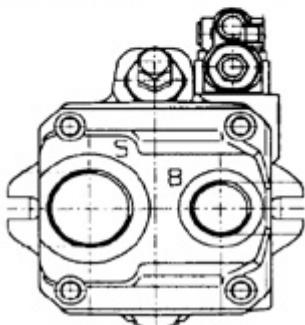
GENERAL

Check direction of rotation of pump to insure that it is correct for the application. Refer to Figure 1.

The direction of rotation can be determined by looking at the rear of the pump (opposite end from the shaft) where the pressure port and the suction port can be seen. The pressure port is stamped with the letter "B" and is the smaller of the two. On a right hand rotation pump, the pressure port is to the right when viewed from the rear. On a left hand rotation pump, it is to the left.



LEFT HAND ROTATION



RIGHT HAND ROTATION

NOTE

A RIGHT HAND ROTATION PUMP IS ONE THAT MUST BE ROTATED CLOCKWISE WHEN VIEWED FROM THE SHAFT END. A LEFT HAND ROTATION PUMP IS ONE THAT MUST BE ROTATED COUNTER-CLOCKWISE WHEN VIEWED FROM THE SHAFT END.

Check direction of rotation of the PTO output shaft that will drive the pump.

INSTALLATION & HOSE CONNECTIONS

- 1 Install pump on vehicle so that one of the case drain ports "L" or "L1" is on top. See Figure 2. Fill the pump case with hydraulic oil.

CAUTION

DO NOT RUN THIS PUMP WITHOUT OIL IN THE CASE OR SERIOUS MECHANICAL FAILURE WILL RESULT.

Connect case drain and pressure relief valve outlet to tank using T fitting and 1/2" I.D. minimum hose. Route this hose in such a manner that the oil in the hose must travel higher than the top of the pump before it is returned to the tank. This prevents the case from draining into the tank.

NOTE

THE MAXIMUM PERMISSIBLE CASE DRAIN PRESSURE IS 7 PSI (0.48 bar) HIGHER THAN THE PUMP INLET PRESSURE.

Install pump pressure and suction lines. A T fitting should be used on the pressure line to connect to the inlet of the pressure relief valve. The suction line should be connected to the same side of the tank as the suction strainer. Return lines must be connected back to the tank through the return filter.

CAUTION

DO NOT CONNECT PUMP INLET LINE THROUGH THE 25 MICRON RETURN FILTER, BECAUSE THIS WILL CAVITATE THE PUMP.

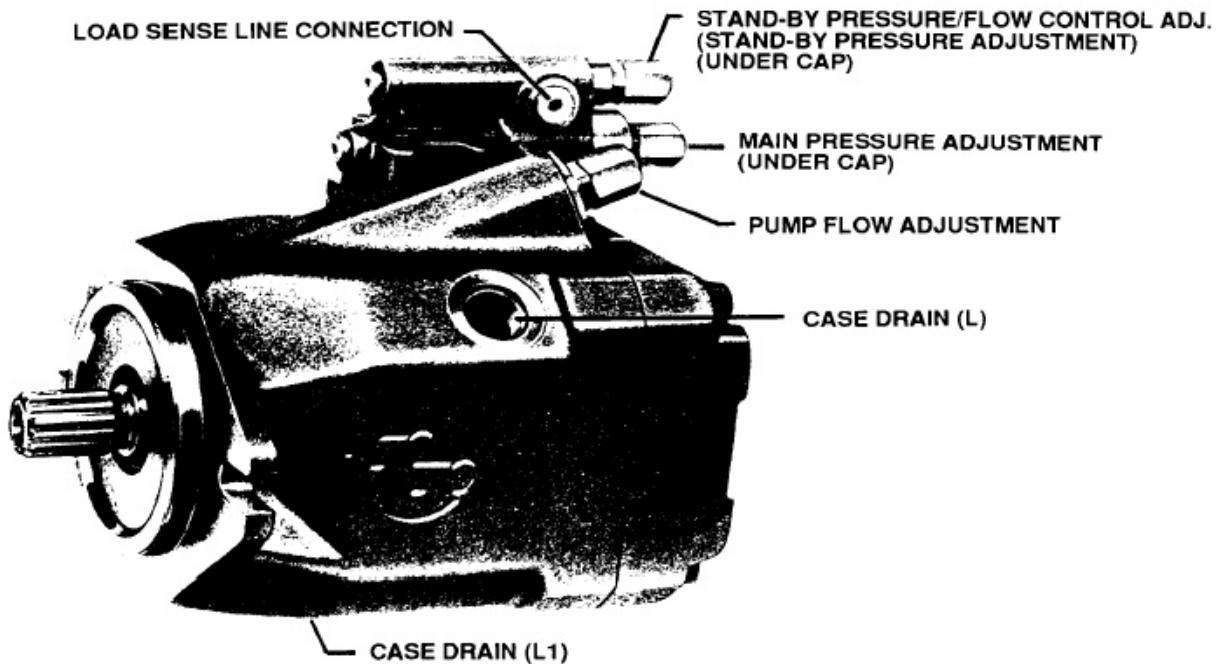
Connect the load sense line. See Figure 2.

Connect a 5000 PSI (345 bar) pressure gauge to check the pressure between the pump pressure port and the valvebank.

Check hydraulic oil level in the tank.

Check to insure that oil shut off valve, between the oil reservoir and the pump inlet, is open.

Check that the oil shut off valve, between the oil return line and the reservoir, is also open.



PRELIMINARY PRESSURE ADJUSTMENT (BEFORE START-UP)

1 Remove the cap over the main pressure adjustment. See Figure 2.

Loosen the lock nut and turn the socket head set screw counter-clockwise to reduce the maximum pressure to its minimum. (Pumps are normally shipped with this pressure adjustment set to its minimum but should be checked.) See Figure 2.

NOTE

SETTING THE PUMP TO ITS MINIMUM PRESSURE IS DONE TO ALLOW THE PUMP TO BE STARTED AT MINIMUM PRESSURE AND TO INSURE PROPER LUBRICATION PRIOR TO BEING OPERATED UNDER LOAD.

Remove the cap over the stand-by pressure/flow control adjustment - smaller of the two caps located above the main pressure adjustment. See Figure 2.

Loosen the locknut and turn the socket head set screw all the way clockwise to its maximum adjustment.

PUMP START-UP

1 Start pump slowly at first (truck low engine idle) and check for unusual noises and leaks. Increase pump speed to its recommended operating speed.

Adjust to maximum pressure (2400 psi for lube systems.) With all valves of the valvebank in neutral and the pump dead headed, slowly turn the main pressure adjustment clockwise to increase the pressure to the specified amount (check the pressure on the gauge while doing so). Tighten the lock nut on the pressure adjusting screw and reinstall the cap. See Figure 2.

Once the maximum pressure has been set (Step 3), the stand-by pressure needs to be decreased to approximately 600 PSI. To accomplish this, turn the stand-by pressure/flow control adjustment counter-clockwise until the pressure gauge reading decreases to 600 PSI. Tighten the locknut and reinstall the cap.

Make a final pressure check to insure that the maximum and stand-by pressure settings are correct.

EXISTING INSTALLATION PRESSURE CHECK AND ADJUSTMENT

- 1 Install a pressure gauge on the pump pressure line.

To adjust maximum pump pressure, open one or more valves and read the maximum pump pressure. To increase the pressure, turn the main pressure adjustment clockwise. To decrease, turn it counter-clockwise.

To adjust the stand-by pressure, return all valves to neutral and read the pressure gauge. To increase or decrease this pressure, turn the stand-by pressure/flow control clockwise (to increase) or counter-clockwise (to decrease). See Figure 2.

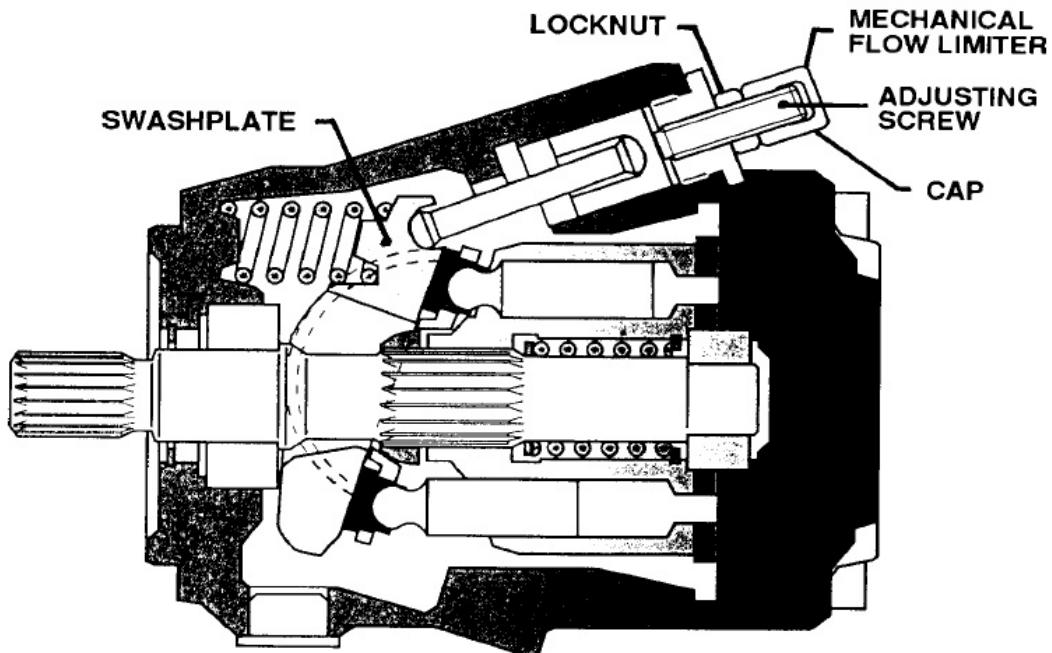
FLOW OUTPUT ADJUSTMENT

- 1 Some pumps are equipped with a mechanical flow limiter. See Figure 3.

To decrease pump flow, remove the cap, loosen the locknut and turn the adjusting screw clockwise. To increase flow, turn the adjusting screw counter-clockwise.

NOTE

BY TURNING THE ADJUSTING SCREW CLOCKWISE, THE SWASHPLATE ANGLE AND THE PUMP DISPLACEMENT ARE DECREASED.



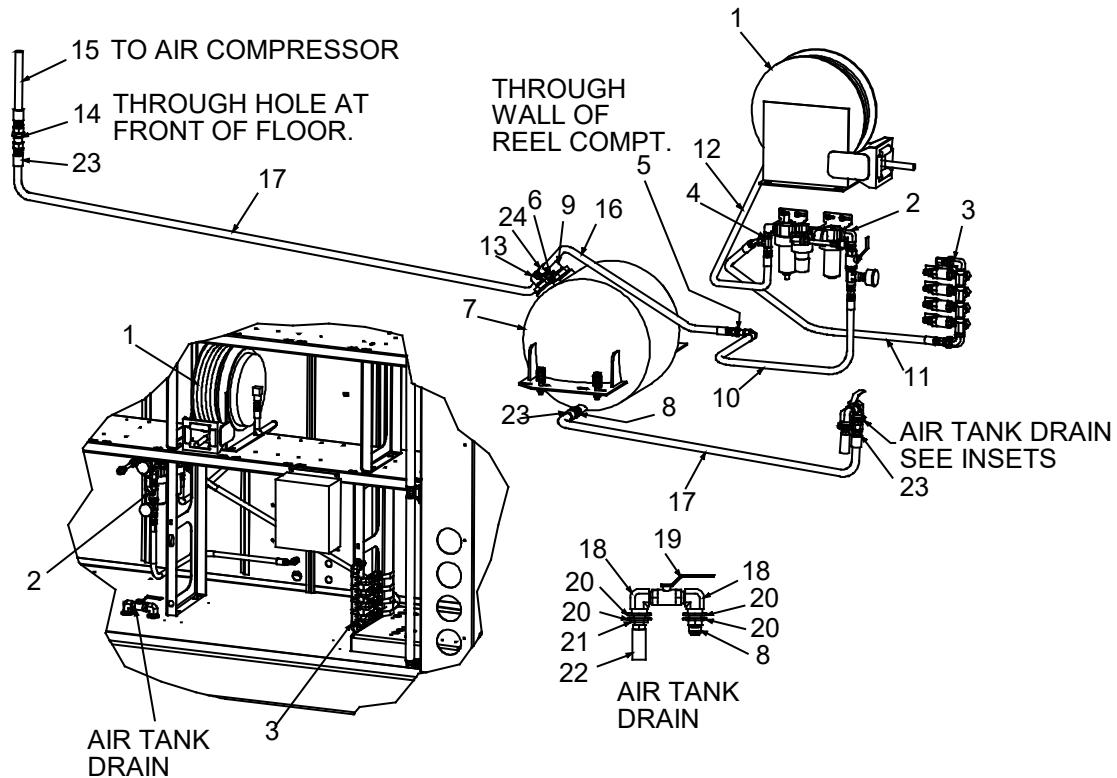
CHAPTER 10

Air Systems

In This Chapter

Air System Installation (99904137)	212
FRL Assembly (51713783)	214
Air Tank Kit, 22-Gallon (93720346)	215
Air Tank Kit (51713450)	216
Air Supply Manifold (51720741)	216

Air System Installation (99904137)



NOTE:

- 1 INSTALLATION SHOWN IS TYPICAL. CHASSIS VARIATIONS MAY REQUIRE UNIQUE FITTINGS OR COMPONENTS.

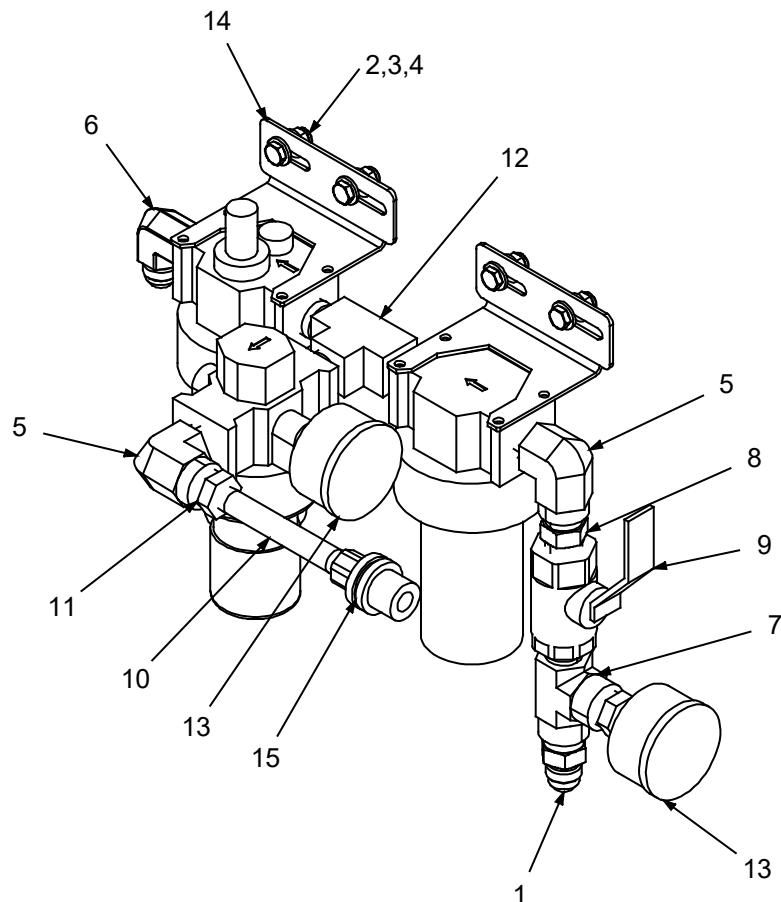
99904137 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70732954	REEL-AIR 18inH .50 X 50ft	REF
2.	51713783	FLR-50 HOSE REEL	1
3.	51720741	MANIFOLD-AIR SUPPLY	1
4.	72532657	TEE-SWVL NUT RUN JIC 8	1
5.	72533373	UNION-BULKHEAD JIC 8 (3/4-16)	1
6.	73054032	VALVE-PRESSURE RELIEF .25 200 PSI	1
7.	70733423	TANK-AIR 22 GAL 12in X 48in	A/R
7.	70733568	AIR TANK 22.5 GAL W/ BRCKTS 1.25 FITTING	A/R
8.	72053676	ADPTR-MPT/M JIC .75 12	2
9.	72531427	ELBOW-MPT/90/M JIC .75 12	1
10.	51397003	HOSE-FJ .50 X 46.00 (8-8) 100R4	1
11.	51397004	HOSE-FI .50 X 72.00 (8-8) 100R4	1
12.	51397005	HOSE-FF .50 X 32.00 (8-8) 100R1	1
13.	72531422	ELBOW-MPT/90/M JIC .75 8	1
14.	72533371	UNION-BULKHEAD JIC 12 (1 1/16-12)	1
15.	51396992	HOSE-FJ .75 X 36.00 (12-12) 100R4	1
16.	89394585	HOSE-HYD .50 100R2 (WAS 89394043)	A/R
17.	89393634	HOSE-HYD .75 100R4 881-12	A/R

99904137 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
18.	72053556	ELBOW-STREET STL .75 X 90 DEG	2
19.	73054230	VALVE-BALL .75	1
20.	72063066	WASHER 1.00 FLAT HI STR	4
21.	72531833	REDUCER BUSH-STL .75- .50	1
22.	70396133	MUFFLER-AIR 1/2" NPT	1
23.	72532976	HOSE FTG-TYPE F 12 .75	A/R
24.	72533387	HOSE FTG-TYPE J 8 .50	A/R
24.	72532975	HOSE FTG-TYPE F 8 .50	A/R
REV. A 20070430			

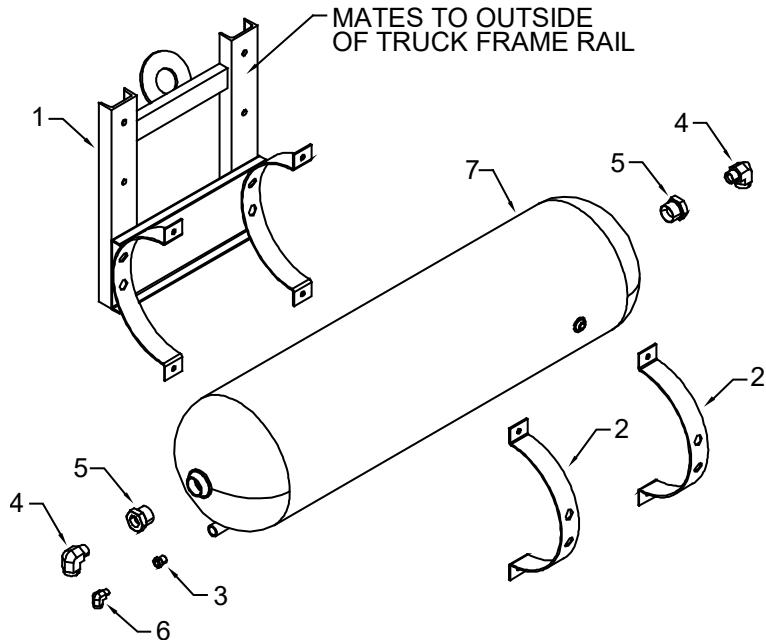
FRL Assembly (51713783)



51713783 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	72053497	ADPTR-MPT/M JIC .50 8	1
2.	72060002	CAP SCR .25-20X .75 HH GR5 Z	4
3.	72062104	NUT .25-20 HEX NYLOCK	4
4.	72063001	WASHER .25 FLAT	8
5.	72531133	ELBOW-STREET STL .50 X 90 DEG	2
6.	72531421	ELBOW-MPT/90/M JIC .50 8	1
7.	72531991	TEE-STREET STL .50	1
8.	72053725	ADPTR-MPT/HEX/MPT .50 .50	1
9.	73054192	VALVE-BALL .50 (STANDARD)	1
10.	72053018	NIPPLE-PIPE BLK .25X 4.00	1
11.	72531812	REDUCER BUSH-BRS .50-.25	2
12.	70073439	MOISTURE SEP-REG-OILER ASM	1
13.	70048120	GAUGE-AIR PRESSURE	2
14.	70141473	MTG BRKT-PAR30 PS843P	2
15.	72532021	QUICK DISCONNECT .25FPT	1
REV. C 20061130			

Air Tank Kit, 22-Gallon (93720346)



NOTES:

- 1 ITEMS 8, 9, AND 10 ARE USED TO MOUNT THE TANK BRACKET (ITEM #1) TO THE TRUCK FRAME.
ITEMS 11 AND 12 ARE USED TO MOUNT THE TANK TO THE TANK BRACKET.

93720346 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	52709697	BRACKET WELDMENT	1
2.	60106492	BRACKET-TANK	2
3.	72053372	REDUCER 3/8NPT 1/4NPT	2
4.	72053556	STREET ELBOW 3/4NPT 90°	2
5.	72531836	REDUCER 1-1/4NPT 3/4NPT	2
6.	72053282	STREET ELBOW 1/4NPT 90°	1
7.	70733423	AIR TANK-22 GAL	1
8.	72060096	CAP SCR 1/2-13X2-1/2 HHGR5	4
9.	72062080	NUT 1/2-13 LOCK	4
10.	72063005	WASHER 1/2 WRT	8
11.	72060048	CAP SCR 3/8-16X1-1/2 HHGR5	4
12.	72063103	NUT 3/8-16 LOCK	4

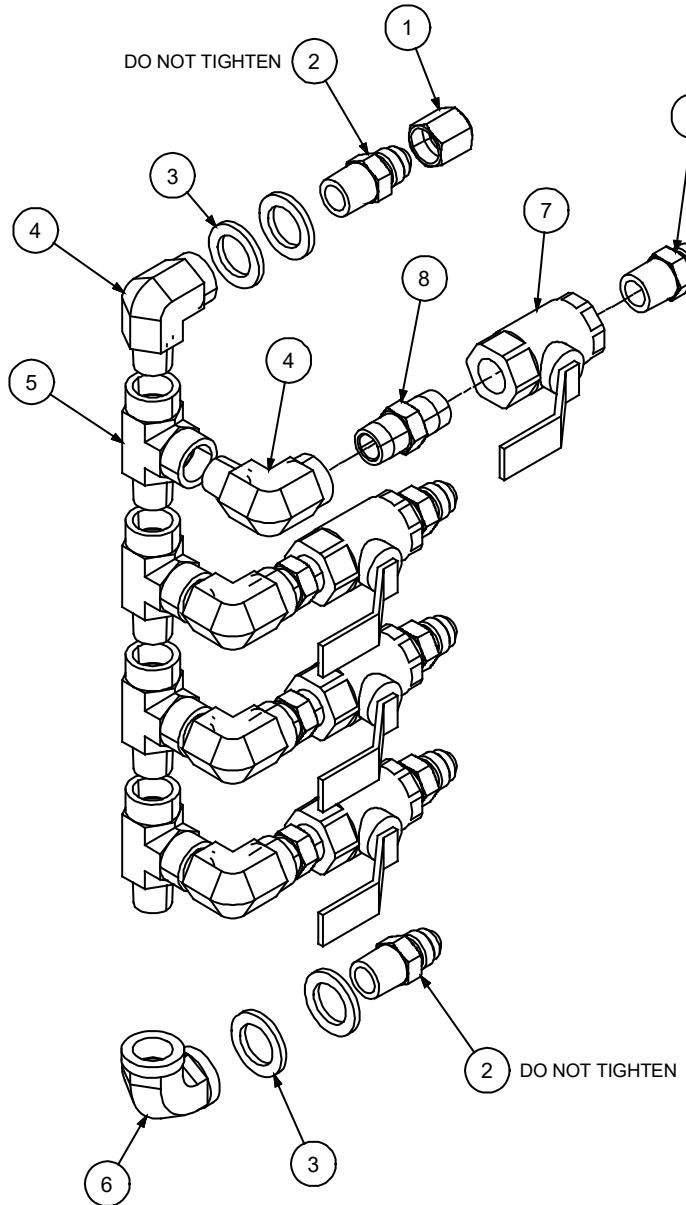
FOLLOWING ITEMS NOT SHOWN:

13.	71393886	DECAL-EXPLODING TANK	1
14.	72066000	HOSE CLAMP 1/2 1-1/4	4
15.	72532559	HOSE FITTING-TYPE O 3/4-3/4	2
16.	89392349	HOSE 3/4	20FT
20060210			

Air Tank Kit (51713450)

51713450 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.	70733568	AIR TANK 22.5 GAL W/ BRCKTS 1.25 FITTING	1
2.	70391601	DECAL-AIR TANK DRAIN	1
3.	71393886	DECAL-DANGER EXPLODING TANK	1
4.	72531833	REDUCER BUSH-STL .75-.50	1
5.	72053497	ADPTR-MPT/M JIC .50 8	1
6.	72053556	ELBOW-STREET STL .75 X 90 DEG	2
7.	72053558	ADPTR-MPT/HEX/MPT .75 .75	1
8.	72053676	ADPTR-MPT/M JIC .75 12	2
9.	72060833	SCR-THRD.CUT .31-18X.75 HWH-1	2
10.	72062080	NUT .50-13 HEX NYLOC ZINC	4
11.	72063066	WASHER 1.00 HI STR ZINC YELLOW	4
12.	72066580	CLAMP-UMP20 S464-G12	2
13.	72531427	ELBOW-MPT/90/M JIC .75 12	2
14.	72532696	ELBOW-M JIC/90/F JIC SW 12 12	1
15.	72532975	HOSE FTG-TYPE F 8 .50 PARK	2
16.	72532976	HOSE FTG-TYPE F 12 .75 PARK	4
17.	73054032	VALVE-PRESS RELIEF .25 200 PSI	1
18.	73054230	VALVE-BALL .75	1
19.	89393634	HOSE-HYD .75 100R4 881-12 PAR	14
20.	89394043	HOSE-HYD .50 100R2 301-8 PARK	8
21.	72063005	WASHER .50 W FLAT ANSI B27.2Z	8
22.	70144807	SPRING-DIE 1.19 X .63 X 1.5 LG	4
23.	72060920	CAP SCR .50-13X 3.25 HH GR5 Z	4

Air Supply Manifold (51720741) Effective: 10/2017

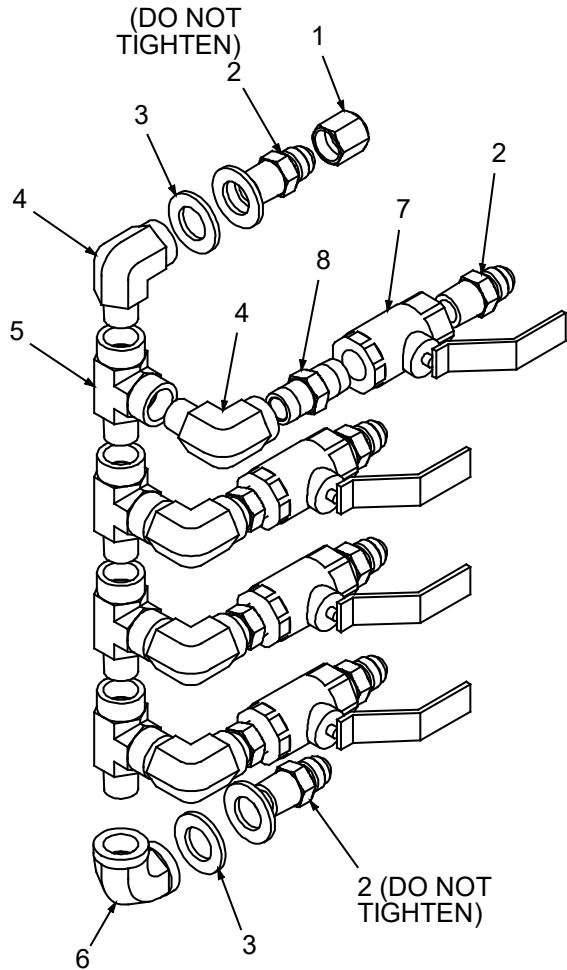


51720741 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	72532675	CAP-JIC STL .75 THD	1
2.	72053497	ADPTR-MPT/M JIC .50 8	6
3.	72063032	WASHER .75 N FLAT H ASTM F 436Z	4
4.	72531133	ELBOW-STREET STL .50 X 90 DEG	5
5.	72531991	TEE-STREET STL .50	4
6.	72531101	ELBOW-STL .50X90 DEG	1
7.	73054192	VALVE-BALL .50 (STANDARD)	4
8.	72053725	ADPTR-MPT/HEX/MPT .50 .50	4

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Air Supply Manifold (51720741)



51720741 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	72532675	CAP-JIC STL .75 THD	1
2.	72053497	ADPTR-MPT/M JIC .50 8	6
3.	72063116	WASHER .75 N FLAT H ASTM F 436Z	4
4.	72531133	ELBOW-STREET STL .50 X 90 DEG	5
5.	72531991	TEE-STREET STL .50	4
6.	72531101	ELBOW-STL .50X90 DEG	1
7.	73054192	VALVE-BALL .50 (STANDARD)	4
8.	72053725	ADPTR-MPT/HEX/MPT .50 .50	4
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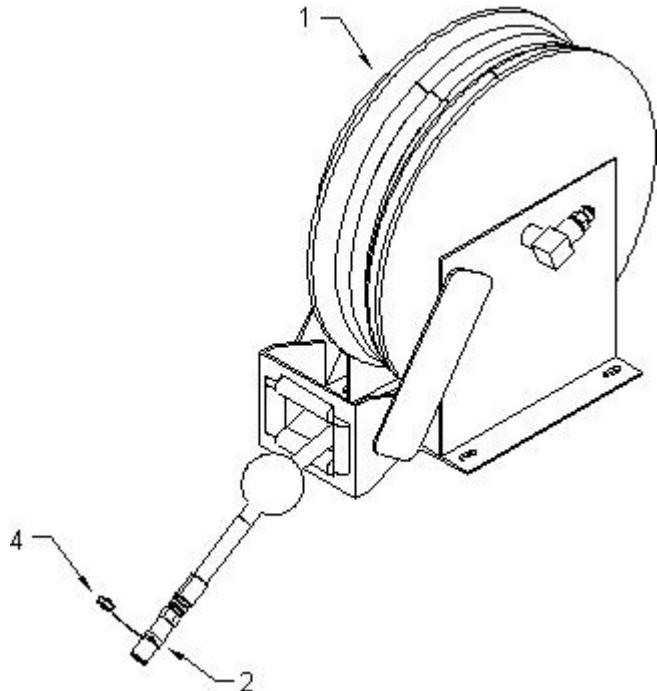
CHAPTER 11

Hose Reels & Meters

In This Chapter

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Hose Reel Assembly, Antifreeze & Salvage Systems, 1/2"x50'



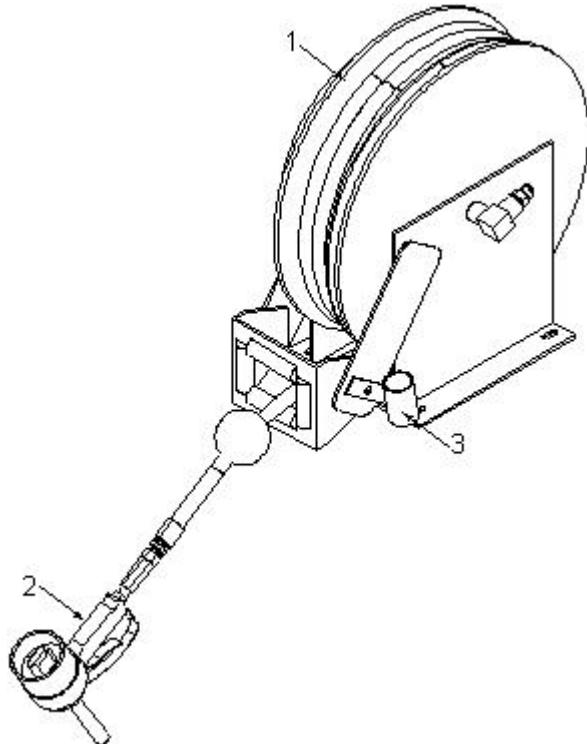
PARTS LIST - HOSE REEL ASSEMBLY, ANTIFREEZE/SALVAGE, 1/2" X 50'

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70732362	REEL	1
2.	72532426	FAST FILL SOCKET	1
3.	72532429	FAST FILL NIPPLE (NOT SHOWN)	1
4.	72532431	FAST FILL PLUG	1
5.	72532418	FAST FILL CAP (NOT SHOWN)	1

70732362 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	72533654	SWIVEL JOINT, 1/2 90°	1
	70146314	SEAL KIT	REF
2.	73051731	SPRING MOTOR	1
3.	70145660	RATCHET WHEEL	1
4.	70146309	SPRING ARBOR	1
5.	70146312	PAWL & PIN	1

Hose Reel Assembly, Oil & Anti-Freeze, 1/2"x50'



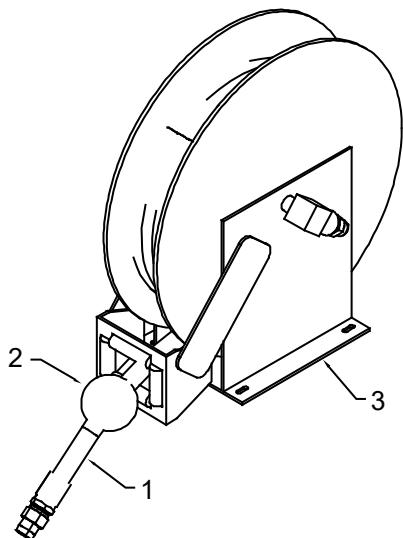
PARTS LIST - HOSE REEL ASSEMBLY, OIL & ANTI-FREEZE, 1/2" X 50'

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70732362	REEL	1
2.	70073426	METERED NOZZLE (OIL HOSE REEL ASM)	1
	70731292	METERED NOZZLE (ANTIFREEZE HOSE REEL ASM)	1
3.	52714244	NOZZLE HOLDER	1

70732362 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	72533654	SWIVEL JOINT, 1/2 90°	1
	70146314	SEAL KIT	REF
2.	73051731	SPRING MOTOR	1
3.	70145660	RATCHET WHEEL	1
4.	70146309	SPRING ARBOR	1
5.	70146312	PAWL & PIN	1

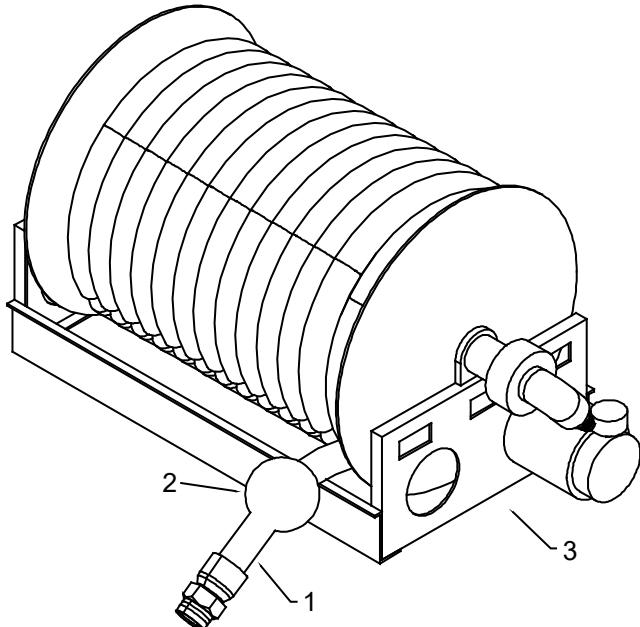
Hose Reel Assembly, Fuel, 1.0" x 50' (51711924)



PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	51391368	HOSE ASSEMBLY, 1" X 50'	1
2.	70391369	BALL STOP, 1" HOSE	1
3.	70732533	REEL-FUEL	1

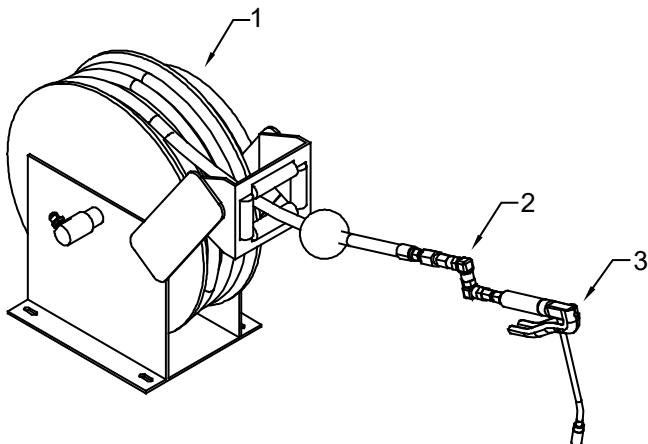
Hose Reel Assembly, Fuel, 1.5" x 50' (51711925)



51711925 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	51392430	HOSE ASSEMBLY, FUEL, 1.50" X 50'	1
2.	70391369	BALL STOP	1
3.	70073607	REEL, ELECTRIC HOSE	1

Hose Reel Assembly, Grease, 3/8"x50'



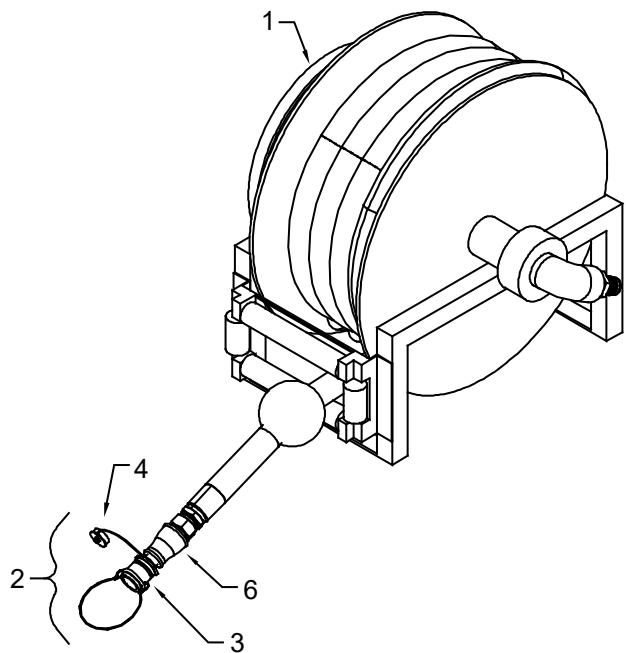
PARTS LIST - HOSE REEL ASSEMBLY, GREASE, 3/8" X 50'

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70733061	REEL	1
2.	70732888	GREASE SWIVEL	1
3.	73054873	GREASE NOZZLE	1

70733061 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70146306	DRUM-10.5" DIA	1
	70146307	DRUM-15.5" DIA	1
2.	70146418	SWIVEL JOINT, 3/8" 8000 PSI	1
	70146307	SEAL KIT	REF
3.	70145660	RATCHET WHEEL	1
4.	70146309	SPRING ARBOR	1
5.	70146310	RATCHET PAWL HOUSING, INNER	1
6.	70146311	RATCHET PAWL HOUSING, OUTER	1
7.	70146312	PAWL & PIN	1
	73051731	SPRING MOTOR	1

Hose Reel Assembly, Salvage System, 1.25" (51711922)


51711922 PARTS LIST

ITEM	PART #	DESCRIPTION	QUANTITY
1.	70732996	REEL-SALVAGE	1
2.	72532422	FAST FILL-SOCKET (INCL 3-5)	1
3.	72532421	FAST FILL-NOZZLE	1REF
4.	72532423	FAST FILL-CAP	1REF
5.	72532408	FAST FILL-RECEIVER (NOT SHOWN)	1REF

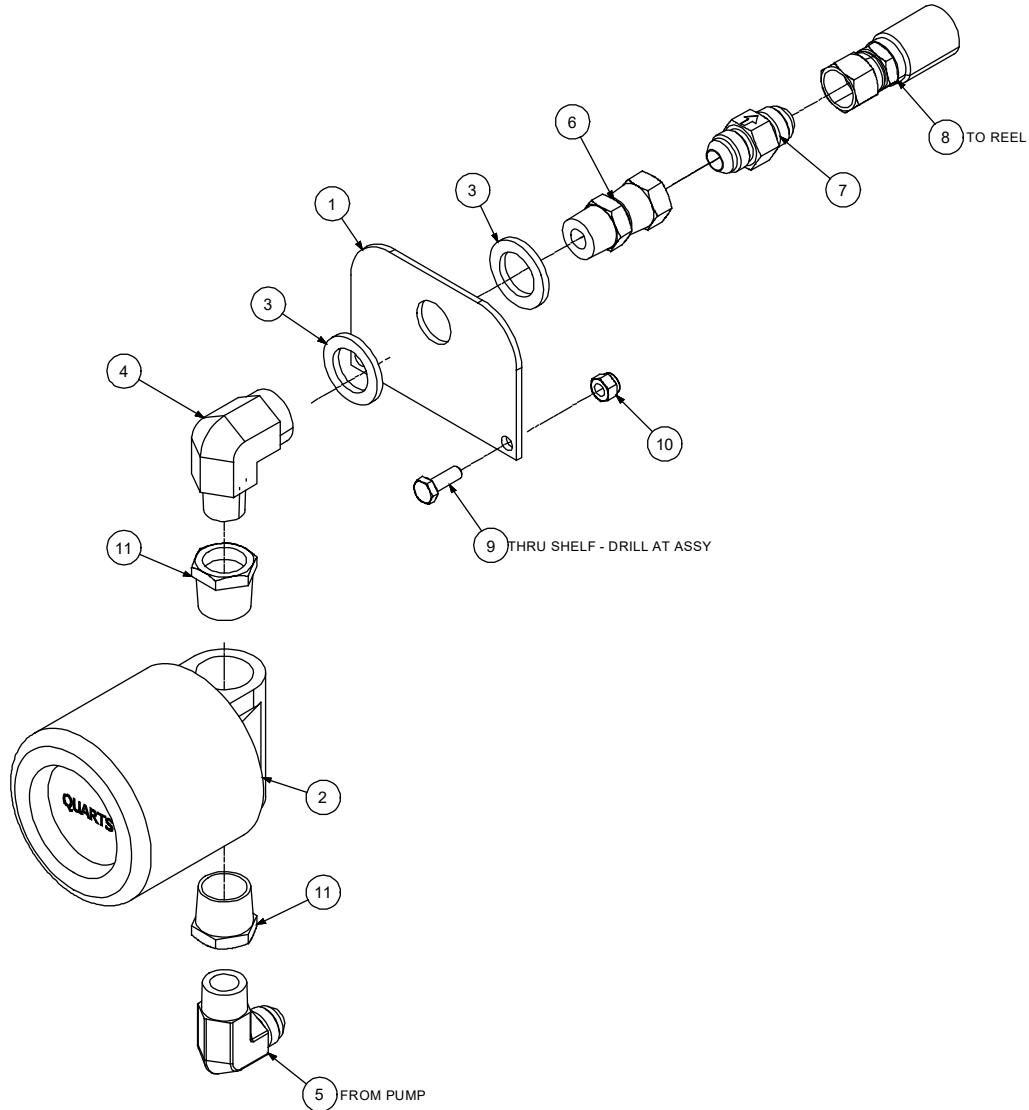
6.	72053489	COUPLING-BLK 1.25-.75	1
7.	72051825	REDUCER BUSHING, STL 1.5-1	1
8.	72053680	ADPTR MPT/MJIC 1.00 16	1
REV. A			

70732996 PARTS LIST			
ITEM	PART #	DESCRIPTION	QUANTITY
1.		RATCHET WHEEL	1
2.	70733365	SWIVEL JOINT	1
3.	70143893	SPRING MOTOR	1
4.	70146309	SPRING ARBOR	1
	70146313	SEAL KIT	REF

Hose Reel Nozzles

HOSE REEL NOZZLES	
DESCRIPTION	PART #
METERED VALVE, DISPENSING	70143310 (INCLUDES 71414700 NUT (SEAL, 1/2-14 NPT), 71414701 TUBE (3/4 BEND-1/2NPT))
NON-METERED VALVE, DISPENSING	70731830
VALVE - HOSE REEL	70143289
VALVE	70145667
NOZZLE, OIL	70141546

Remote Meter Kits (99904487)



99904487 PARTS LIST

ITEM	PART #	DESCRIPTION	QTY.
1	60251268	PANEL-ELECTRONIC METER SINGLE UNIT	1
2	70733122	METER-ELEC QUARTS GRACO 244-075 REMOTE	A/R
2	70733311	METER-ELEC LITERS GRACO 244076 REMOTE	A/R
3	72063032	MACHY BUSHING .88X10 GA NR	2
4	72531133	ELBOW-STREET STL .50 X 90 DEG	1
5	72531421	ELBOW-MPT/90/M JIC .50 8	1
6	72533720	ADPTR-MPT/F JIC .50 8 SWIVEL	1
7	73540342	VALVE-CHECK INLINE 125PSI 8MJIC/ 8MJIC	1
8	51395892	HOSE-FF .50 X 36.00 (8-8) 100R17	1
9	72060002	CAP SCR .25-20X .75 HH GR5 Z	2
10	72062104	NUT .25-20 HEX NYLOCK	2
11	72531833	REDUCER BUSH-STL .75- .50	2

12.	72062104	NUT .25-20 HEX NYLOCK	2
REV C 20190503			

CHAPTER 12

Miscellaneous

In This Chapter

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Parts Ordering Information

When placing orders or requesting assistance, refer to the information below:

MODEL #	
SERIAL #	
PART NUMBER, DESCRIPTION, AND QUANTITY REQUIRED:	
(Please specify left or right side.)	

Contact IMT at the following address:

Iowa Mold Tooling Co., Inc.

Box 189, Garner, IA 50438-0189

Telephone: 641-923-3711

Technical Support Fax: 641-923-2424

Thread Torque Chart (English)

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

COARSE THREAD BOLTS (ENGLISH)					
SIZE	BOLT DIA.	GRADE 5  SAE J429 GRADE 5	GRADE 8  SAE J429 GRADE 8	PLAIN	PLATED
(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.

Consult bolt manufacturer's particular specifications, when provided.

Use flat washers of equal strength.

All torque measurements are given in foot-pounds.

Torque values specified are for bolts with residual oils or no special lubricants applied. If special lubricants of high stress ability, such as Never-Seez compound graphite and oil, molybdenum disulphide, colloidal copper or white lead are applied, multiply the torque values in the charts by the factor .90. The use of Loctite does not affect the torque values listed above.

WARNING

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

Thread Torque Chart (Metric)

FINE THREAD TORQUE CHART (METRIC)

COARSE THREAD TORQUE CHART (METRIC)

TIGHTENING TORQUE						
SIZE (DIA-TPI)	BOLT DIA. (INCHES)					
		PLAIN (KG-M)	PLATED (KG-M)	PLAIN (KG-M)	PLATED (KG-M)	
5/16-24	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	

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

NOTES

1 Tightening torques provided are midrange.

Consult bolt manufacturer's particular specifications, when provided.

Use flat washers of equal strength.

All torque measurements are given in kilogram-meters.

Torque values specified are for bolts with residual oils or no special lubricants applied. If special lubricants of high stress ability, such as Never-Seez compound graphite and oil, molybdenum disulphide, colloidal copper or white lead are applied, multiply the torque values in the charts by the factor .90. The use of Loctite does not affect the torque values listed above.

WARNING

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