



Lubrication Body

PARTS AND SPECIFICATIONS



IOWA MOLD TOOLING CO., INC.

BOX 189, GARNER, IA 50438-0189

TEL: 641-923-3711

TECHNICAL SUPPORT FAX: 641-923-2424

MANUAL PART NO: 99903326

Iowa Mold Tooling Co., Inc. is an Oshkosh Truck Corporation company.

REVISIONS LIST

DATE	LOCATION	DESCRIPTION OF CHANGE-
20020206	2-12	ADDED 99903323 BODY ELEC ASM COMPRSR INSIDE
20020520	3-5	REMOVED TANK SUPPORT (ITEM 11) FROM COLUMN A - NOT USED W/75-GALLON TANK
	4-4	ADDED ITEM 9, 70147854, SWIVEL SEAL KIT, TO 70733031 HOSE REEL
20021125	iv	ADDED EQUIPMENT MISUSE HAZARD & INJECTION HAZARD WARNINGS
20021202	2-22	ECN 9078 -ADDED FUEL NOTE DECAL
20030128	Section 5	ADDED ELECTRICAL DIAGRAMS
20030327	3-4,9	ON 51716806 AND 807, CHANGED PUMP DIAPHRAGM FROM 70733535 TO 70733820
20050202	2-12; 5-4	ECN 9598 - 99903323 - CHANGE TITLE FROM OUTSIDE TO INSIDE; ADD NOTE ON HARNESS TO 99903306
20070329	COVER	UPDATED OWNERSHIP STATEMENT

PARTS ORDERING INFORMATION

Before placing an order, take the time to record the following information. This information should then be given to an IMT representative when placing your order.

BODY MODEL NUMBER:

BODY SERIAL NUMBER:

PART NUMBER, DESCRIPTION AND QUANTITY REQUIRED:

If left or right side is applicable, please specify.

Contact IMT at the following address:

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WARNINGS!!



INSTRUCTIONS

EQUIPMENT MISUSE HAZARD

- Equipment misuse can cause the equipment to rupture or malfunction and can result in serious injury. Follow the safety precautions listed below to prevent accidents!
- This equipment is for professional use only.
- Read all instruction manuals, tags, and decals prior to operating the unit.
- Use the equipment for its intended purpose only, and make no modifications or alternations.
- Check equipment daily and repair or replace worn or damaged parts immediately.
- Do not exceed the maximum working pressure of any component.
- Do not use hoses to pull equipment.
- Route hoses away from traffic areas, sharp edges, moving parts, and hot surfaces.
- Do not lift pressurized equipment.
- Comply with all applicable local, state, and national fire, electrical, and safety regulations.
- Do not put fuel in any system not specifically designed for fuel. Fuel may damage the pump or other components.

INJECTION HAZARD

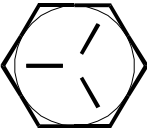
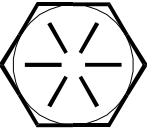
Fluid from the dispensing valve, leaks, or ruptured components can inject fluid into your body and cause extremely serious injury, including the need for amputation. Fluid splashed in the eyes or on the skin can also cause serious injury.

- Fluid injected into the skin may look like just a cut, but it is a serious injury. **Get immediate medical attention.**
- Do not point the dispensing valve at anyone or at any part of the body.
- Do not put your hand or fingers over the end of the dispensing valve.
- Do not stop or deflect leaks with your hand, body, glove or rag.
- Use only extensions and nozzles designed for use with your dispensing valve.
- Tighten all fluid connections before you operate the equipment.
- Check the hoses, tubes, and couplings daily. Replace worn or damaged parts immediately. Do not repair high pressure couplings; you must replace the entire hose.

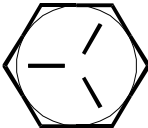


TORQUE DATA CHART-DOMESTIC

FINE THREAD BOLTS

SIZE (DIA-TPI)	BOLT DIA (INCHES)	TIGHTENING TORQUE			
		 SAE J429 GRADE 5		 SAE J429 GRADE 8	
		PLAIN (FT-LBS)	PLATED (FT-LBS)	PLAIN (FT-LBS)	PLATED (FT-LBS)
5/16-24	0.3125	19	14	27	20
3/8-24	0.3750	35	26	49	35
7/16-20	0.4375	55	41	78	58
1/2-20	0.5000	90	64	120	90
9/16-18	0.5625	120	90	170	130
5/8-18	0.6250	170	130	240	180
3/4-16	0.7500	300	225	420	315
7/8-11	0.8750	445	325	670	500
1-12	1.0000	645	485	995	745
1 1/8-12	1.1250	890	670	1445	1085
1 1/4-12	1.2500	1240	930	2010	1510
1 3/8-12	1.3750	1675	1255	2710	2035
1 1/2-12	1.5000	2195	1645	3560	2670

COARSE THREAD BOLTS

SIZE (DIA-TPI)	BOLT DIA (INCHES)	TIGHTENING TORQUE			
		 SAE J429 GRADE 5		 SAE J429 GRADE 8	
		PLAIN (FT-LBS)	PLATED (FT-LBS)	PLAIN (FT-LBS)	PLATED (FT-LBS)
5/16-18	0.3125	17	13	25	18
3/8-16	0.3750	31	23	44	33
7/16-14	0.4375	49	37	70	52
1/2-13	0.5000	75	57	105	80
9/16-12	0.5625	110	82	155	115
5/8-11	0.6250	150	115	220	160
3/4-10	0.7500	265	200	375	280
7/8-9	0.8750	395	295	605	455
1-8	1.0000	590	445	910	680
1 1/8-7	1.1250	795	595	1290	965
1 1/4-7	1.2500	1120	840	1815	1360
1 3/8-6	1.3750	1470	1100	2380	1780
1 1/2-6	1.5000	1950	1460	3160	2370

When using the torque data in the charts above, the following rules should be observed.

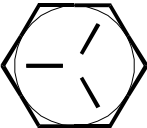
1. Bolt manufacturer's particular specifications should be consulted when provided.
2. Flat washers of equal strength must be used.
3. All torque measurements are given in foot-pounds. To convert to inch-pounds, multiply by 12.
4. Torque values specified are for bolts with residual oils or no special lubricants applied.
If special lubricants of high stress ability, such as Never-Seez compound graphite and oil, molybdenum disulphite, colloidal copper or white lead are applied, multiply the torque values in the charts by the factor .90. The use of Loctite does not affect the torque values listed above.
5. Torque values for socket-head capscrews are the same as for Grade 8 capscrews.

WARNING

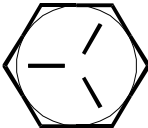
Anytime a gear-bearing bolt is removed, it must be replaced with a new bolt of the identical grade and size. Once a bolt has been torqued to 75% of its proof load and then removed, the torque coefficient may no longer be the same as when the bolt was new thus giving indeterminate clamp loads after torquing.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

TORQUE DATA CHART-METRIC

FINE THREAD BOLTS

SIZE (DIA-TPI)	BOLT DIA (INCHES)	TIGHTENING TORQUE			
		 SAE J429 GRADE 5		 SAE J429 GRADE 8	
		PLAIN (KG-M)	PLATED (KG-M)	PLAIN (KG-M)	PLATED (KG-M)
5/16-24	0.3125	3	2	4	3
3/8-24	0.3750	5	4	7	5
7/16-20	0.4375	8	6	11	8
1/2-20	0.5000	12	9	17	12
9/16-18	0.5625	17	12	24	18
5/8-18	0.6250	24	18	33	25
3/4-16	0.7500	41	31	58	44
7/8-11	0.8750	62	45	93	69
1-12	1.0000	89	67	138	103
1 1/8-12	1.1250	123	93	200	150
1 1/4-12	1.2500	171	129	278	209
1 3/8-12	1.3750	232	174	375	281
1 1/2-12	1.5000	304	228	492	369

COARSE THREAD BOLTS

SIZE (DIA-TPI)	BOLT DIA (INCHES)	TIGHTENING TORQUE			
		 SAE J429 GRADE 5		 SAE J429 GRADE 8	
		PLAIN (KG-M)	PLATED (KG-M)	PLAIN (KG-M)	PLATED (KG-M)
5/16-18	0.3125	2	2	3	2
3/8-16	0.3750	4	3	6	5
7/16-14	0.4375	7	5	10	7
1/2-13	0.5000	10	8	15	11
9/16-12	0.5625	15	11	21	16
5/8-11	0.6250	21	16	30	22
3/4-10	0.7500	37	28	52	39
7/8-9	0.8750	55	41	84	63
1-8	1.0000	82	62	126	94
1 1/8-7	1.1250	110	82	178	133
1 1/4-7	1.2500	155	116	251	188
1 3/8-6	1.3750	203	152	329	246
1 1/2-6	1.5000	270	210	438	328

When using the torque data in the charts above, the following rules should be observed.

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3. All torque measurements are given in kilogram-meters.
4. Torque values specified are for bolts with residual oils or no special lubricants applied.
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5. Torque values for socket-head capscrews are the same as for Grade 8 capscrews.

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 serious injury or DEATH.

Section 1: Specifications

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5.0 ANTIFREEZE SYSTEM 5

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7.0 120 POUND GREASE SYSTEM 5

8.0 AIR SYSTEM 6

9.0 MAIN HYDRAULIC SYSTEM 6

[illegible]



SPECIFICATIONS LUBRICATION BODY

GENERAL SPECIFICATIONS

BODY STRUCTURE

Under Frame	Welded steel frame, with full 3" crossmembers on 12" centers.
Roof	Constructed from .032" one-piece aluminum, bonded to heavy-duty anti-slag roof bows. Capped on all edges. Roof bows on 24" centers to eliminate ice or water pooling.
Sidewalls and Front	Constructed of .040" aluminum, smooth, prepainted white, riveted to side and front vertical wall posts on 16" centers.
Cargo Floor	1-1/8" Laminated Hardwood
Filter Drain Box	Steel Expanded Metal Drain Board with Reservoir/Catch Basin
Mounting System	3/8" Shear Plate

STANDARD FEATURES

Enclosed Service Compartment	Integral part of lube body with reel-mounted shelves constructed of galvanized steel. Includes bumper with 1/4" tread plate and fold-down steps for easy entry into the body.
Under Body Tool boxes	Three underbody tool boxes constructed from galvanized steel with stainless steel hinges, T-handle type latches, reinforcements, and automotive bulb type weather stripping.
Filter Drain Compartment	Drain box compartment constructed of steel. The top section includes an expanded metal drain board, and the bottom section includes a reservoir/catch basin.
Electrical ñ 12VDC	Sealed automotive connectors on braided, vinyl-coated nylon harnesses with ink-jet labeled wires. Weather resistant control box with lighted rocker switches.
Safety Equipment	12V back-up alarm, ICC safety kit, and DOT light and reflector kit.
PTO Powered Hydraulics	Fixed displacement hydraulic pump rated at 2400 psi minimum. 1850 psi operating pressure with minimum flow of 10 gpm.
Product Pumps	9:1 ratio air powered piston pump per oil tank. Variable free flow rate of up to 12 gpm.
Product Tanks	Constructed of polyethylene with 2" locking vented/fill cap. Seamless with all openings on the top to prevent leak points. Secured to the body via an engineered hold-down system.

DESCRIPTIVE SPECIFICATIONS**1.0 Body**

- 1.1 The body shall be constructed of 8" long-sills, 4" structural channel members located on 12" centers, and an aluminum rub rail. The deck shall be constructed of 1-1/8" laminated hardwood. The outer enclosure shall be 174" L x 95-7/8" W x 101-5/8" H, constructed of aluminum panels and extrusions, riveted to provide adequate strength. The inner shell of the body shall be laminated plywood. The body mounting system shall utilize fixed shear plates, clamp plates, and tie-downs.
- 1.2 There shall be three underbody toolboxes, mounted to the chassis frame below the service body. All shall be constructed of galvanized steel with stainless steel hinges, T-handle type latches with common keys, reinforcements, and automotive bulb type weather stripping for sealing the doors. The right rear and right front tool boxes shall measure 25"H x 28" L x 21" D. The left front tool box shall measure 25"H x 52"L x 21"D
- 1.3 The filter drain box shall be constructed of steel. The top section is to incorporate an expanded metal drain board. The bottom section is to incorporate a reservoir/catch basin. A door with a T-handle latch and automotive bulb type weather stripping shall provide access to the drain drawer. The drawer shall 25" H x 28" L x 21" D. This shall be located behind the left rear tire.
- 1.4 The enclosed service compartment shall incorporate reel-mounting shelves constructed of galvanized steel. All pump controls shall be accessible from the rear of the vehicle. The compartment shall be accessed by opening the right hand, rear door. The rear doors shall be hinged to swing 2/3 of the opening to the right, and 1/3 of the opening to the left. The doors shall incorporate cam-lock style hardware. The bumper shall be constructed of 1/4" tread plate and incorporate fold down steps for easy entry into the body.

2.0 Electrical, 12VDC

- 2.1 All 12 VDC in line wiring connections shall utilize sealed hinge lock connectors. Main power shall be circuit protected at the source and shall be activated via a power distribution relay. Main power and ground cabling shall be color-coded and function labeled. All electrical function wiring that exits the electrical control station shall have their functions ink-jet printed onto white GXL type wire in three-inch intervals. All 12VDC wire harnesses shall be over-braided with high temperature resistant vinyl coated nylon yarn. The harness shall be black with yellow striping with a weave tightness of 12 picks per inch.
- 2.2 Four twelve-volt adjustable floodlights shall be provided. Lights shall be individually located to provide lighting to the sides of the body and rear reel section. Six twelve-volt florescent lights shall be evenly spaced on the inside of the enclosure to provide lighting.
- 2.3 A master relay shall be provided to activate the electrical system and be controlled by the ignition switch. A weather resistant control box shall be provided to control the lights by means of an electrical switch.

3.0 Oil System

- 3.1 Oil product tanks shall be constructed of polyethylene and have a lockable 2" vented/fill cap. The tanks shall be seamless with all openings on the top of the tank to prevent leak points. The pumps shall be mounted directly to the top of the tanks. The tanks shall be secured to the sides and floor of the body via an engineered hold down system. Two nominal 135 gallon and two nominal 190-gallon tanks shall be supplied for oil.
- 3.2 The product oil pumping system shall consist of a 9:1 ratio air powered piston pump per oil tank. Each product pump shall be equipped with an on/off valve and be capable of a sustained nominal free flow delivery rate of up to 12 gpm. The oil delivery pumps shall include a 5-year manufacturer's limited warranty.
- 3.3 Oil hose reels shall be heavy-duty, high volume type, and spring retractable, with a heavy gauge steel frame and support arm. The reel shall feature a positive lock and unlock ratchet and shall be equipped with a minimum of 1/2" x 50' hose and ball stop. Reel shall be complete with a full flow nozzle. The oil delivery hose reels shall include a 3-year manufacturer's limited warranty.

4.0 Oil Salvage

- 4.1 The oil salvage tank shall be constructed of polyethylene and have a lockable 2" vented/fill cap. The tanks shall be seamless with all openings on the top of the tank to prevent leak points. The tank shall be secured to the sides and floor of the body via an engineered hold down system. One nominal 350-gallon tank shall be supplied for oil salvage.
- 4.2 The oil salvage pumping system shall consist of a 1:1 ratio air powered diaphragm pump. The salvage pump shall be equipped with an on/off valve and a 3-way directional control valve and be capable of a sustained nominal free flow delivery rate of up to 12 gpm.
- 4.3 Salvage oil reel shall be heavy-duty, high volume type, and spring retractable, with a heavy-gauge steel frame and dual support arms. The reel shall feature a positive lock and unlock ratchet and shall be equipped with a minimum of 1" x 35' hose and ball stop. The oil salvage hose reel shall include a 3-year manufacturer's limited warranty.

5.0 Antifreeze System

- 5.1 The antifreeze product tank shall be a standard sized 55-gallon, nominal, barrel constructed of polyethylene. The tank shall be mounted to the floor of the body via tie-down bolts.
- 5.2 The antifreeze pumping system shall consist of a 1:1 ratio air powered diaphragm pump. The product pump shall be equipped with an on/off valve and be capable of a sustained nominal free flow delivery rate of up to 13 gpm.
- 5.3 The antifreeze reel shall be heavy-duty, high volume type, and spring retractable, with a heavy gauge steel frame and support arm. The reel shall feature a positive lock and unlock ratchet and shall be equipped with a minimum of 1/2" x 50' hose and ball stop. Reel shall be complete with a manual, non-metered nozzle. The nozzle shall have a maximum working pressure of 175 psi with a rigid end. The antifreeze delivery hose reel shall include a 3-year manufacturer's limited warranty.

6.0 Antifreeze Salvage

- 6.1 The antifreeze product tank shall be a standard sized 55-gallon, nominal, barrel constructed of polyethylene. The tank shall be mounted to the floor of the body via tie-down bolts.
- 6.2 The antifreeze salvage pumping system shall consist of a 1:1 ratio air powered diaphragm pump. The product pump shall be equipped with an on/off valve and a 3-way directional control valve and be capable of a sustained nominal free flow delivery rate of up to 13 gpm.
- 6.3 The antifreeze salvage reel shall be heavy-duty, high volume type, and spring retractable, with a heavy-gauge steel frame and dual support arms. The reel shall feature a positive lock and unlock ratchet and shall be equipped with a minimum of 1/2" x 50' hose and ball stop. The antifreeze salvage hose reel shall include a 3-year manufacturer's limited warranty.

7.0 120 Pound Grease System

- 7.1 The grease system shall consist of a 50:1 ratio air powered, high-pressure grease pump. The pump shall be equipped with an on/off valve. A drum cover with tie-down rods and drum locator shall be provided. The grease pump shall include a 5-year manufacturer's limited warranty.
- 7.2 The grease hose reel shall be heavy-duty, high-pressure, and spring retractable, with a heavy-gauge steel frame and dual support arms. The reel shall feature a positive lock and unlock ratchet and shall be equipped with a minimum of 3/8" x 50' hose and ball stop. Reel shall be complete with a control valve and Z swivel. The grease delivery hose reel shall include a 3-year manufacturer's limited warranty.

8.0 Air System

- 8.1 An IMT hydraulic driven model DA435HA air compressor shall be provided. The compressor shall have a nominal delivery of 35 cfm at 100 psi with a maximum working pressure of 150 psi at the pulsation tank. The compressor shall be constructed of high tensile aluminum with cast iron sleeves. The compressor shall be located ahead of the right front underbody compartment.
- 8.2 The air reel shall be heavy-duty, high-pressure, and reel spring retractable, with a heavy-gauge steel frame and dual support arms. The reel shall feature a positive lock and unlock ratchet and shall be equipped with a minimum of 1/2" x 50' hose and ball stop. The air delivery hose reels shall include a 3-year manufacturer's limited warranty.
- 8.3 The air system shall include a water trap/filter for all pump controls. Each pumping system shall have a dedicated, adjustable regulator/lubricator mounted near the pump. The air reel shall have a dedicated FRL.

9.0 Main Hydraulic System

- 9.1 The hydraulic system consists of a pto, a pump integrally mounted on the pto, filters, hydraulic reservoir, and mounting kit. The pto assembly shall be mounted directly to the chassis transmission and must be engaged by means of a pto control located in the cab.

The main system shall be protected by a filtering system on both the suction and return side of the pump and reservoir. The suction strainer shall have a 100-mesh element and a vacuum gauge. The return filter shall have a 25-micron element. A 25-gallon hydraulic system reservoir shall be frame mounted which shall feature a 2" vented filler cap and openings for the pump and filter connections.

Specifications subject to change without notice.

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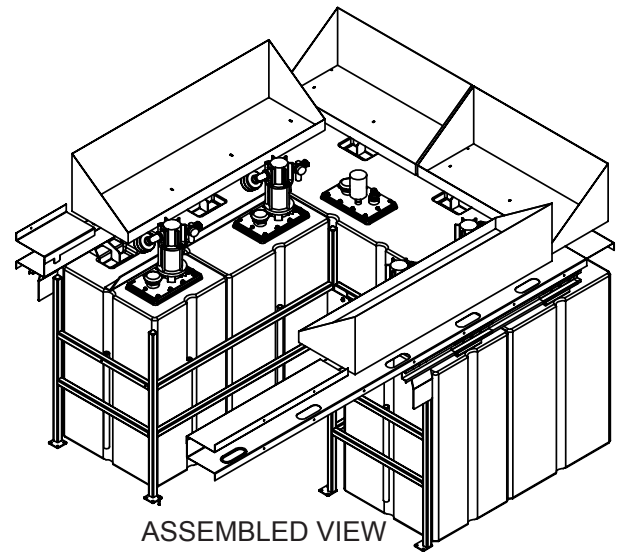
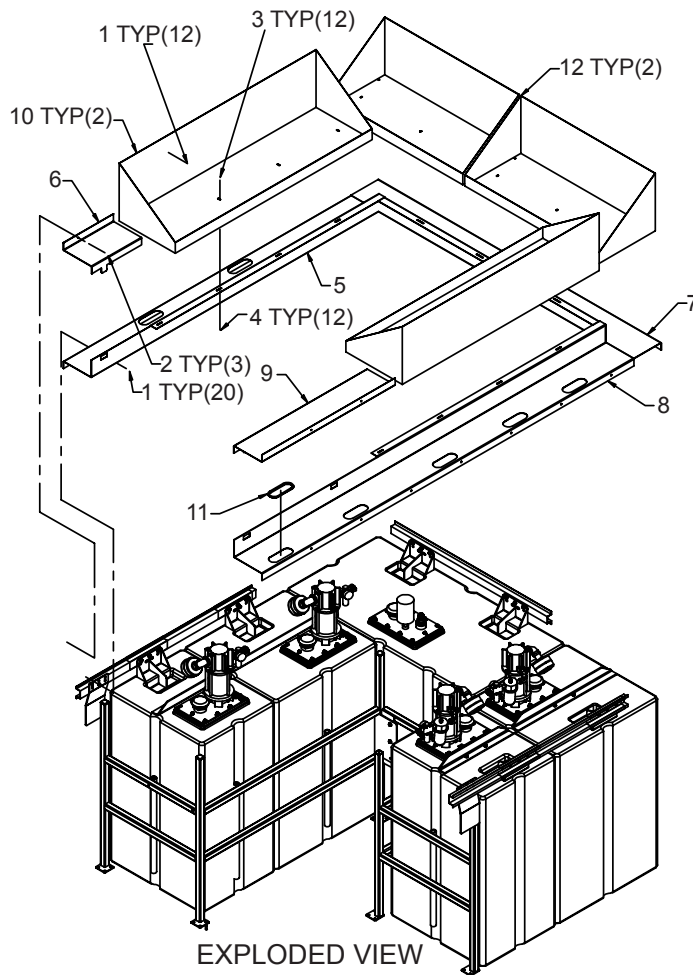
TECHNICAL SUPPORT FAX: 641-923-2424

SECTION 2: BODY AND CHASSIS

HOSE TRAY / SHELF (51716828)	2
SHELF ASM (51716900-1)	3
SHELF ASM (51716900-2)	4
FILTER-LUBRICATOR-REGULATOR - 1/2" HOSE REEL (51716756)	5
FILTER-LUBRICATOR-REGULATOR - 1/2" HOSE REEL (70733454)	6
SHELF NETTING ASSEMBLY (51717012-1)	7
SHELF NETTING ASSEMBLY (51717012-2)	8
BUMPER /FOLD UP STEP ASM (51716901-1)	9
BODY ASM (51716901-2)	10
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DECAL KIT (99903311-1)	21
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DECAL KIT (99903311-3)	23

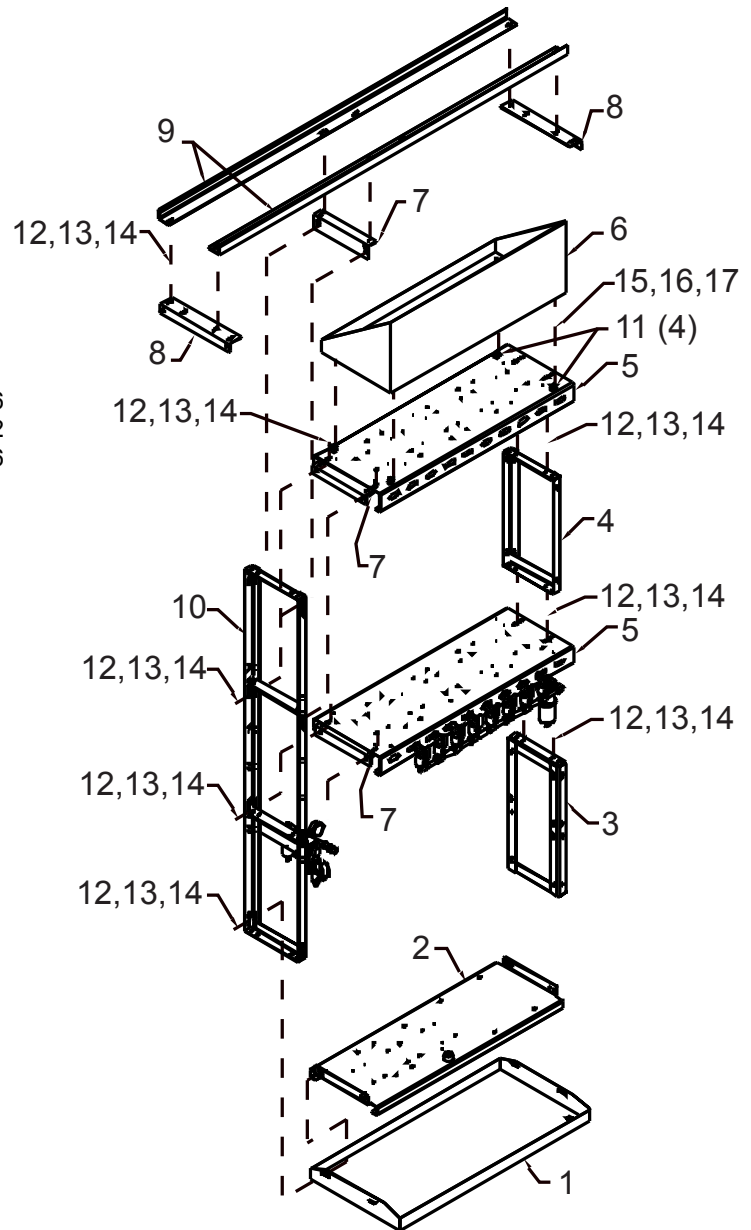
HOSE TRAY / SHELF (51716828)

1.	72060833	SCR THRD CUT 5/16-18x.75 HWH	32
2.	72061739	SCREW TEK 12 - 14 X 1.00	
		HWH 3 PT	3
3.	72601283	SCR MACH #10-24X .50 PH SL Z	12
4.	72062106	NUT #10-24 HEX NYLOC ZINC	12
5.	60123307	HOSE TRAY - LEFT	1
6.	60123308	HOSE COVER - LEFT	1
7.	60123309	HOSE TRAY - FRONT	1
8.	60123310	HOSE TRAY - RIGHT	1
9.	60123311	HOSE COVER - RIGHT	1
10.	73052122	SHELF/BIN W/ DIVIDERS 63"	2
11.	76394572	GROMMET -	
		2 x 6 OVAL CMPT LIGHT	8
12.	73052120	SHELF /BIN W/DIVIDERS 45"	2



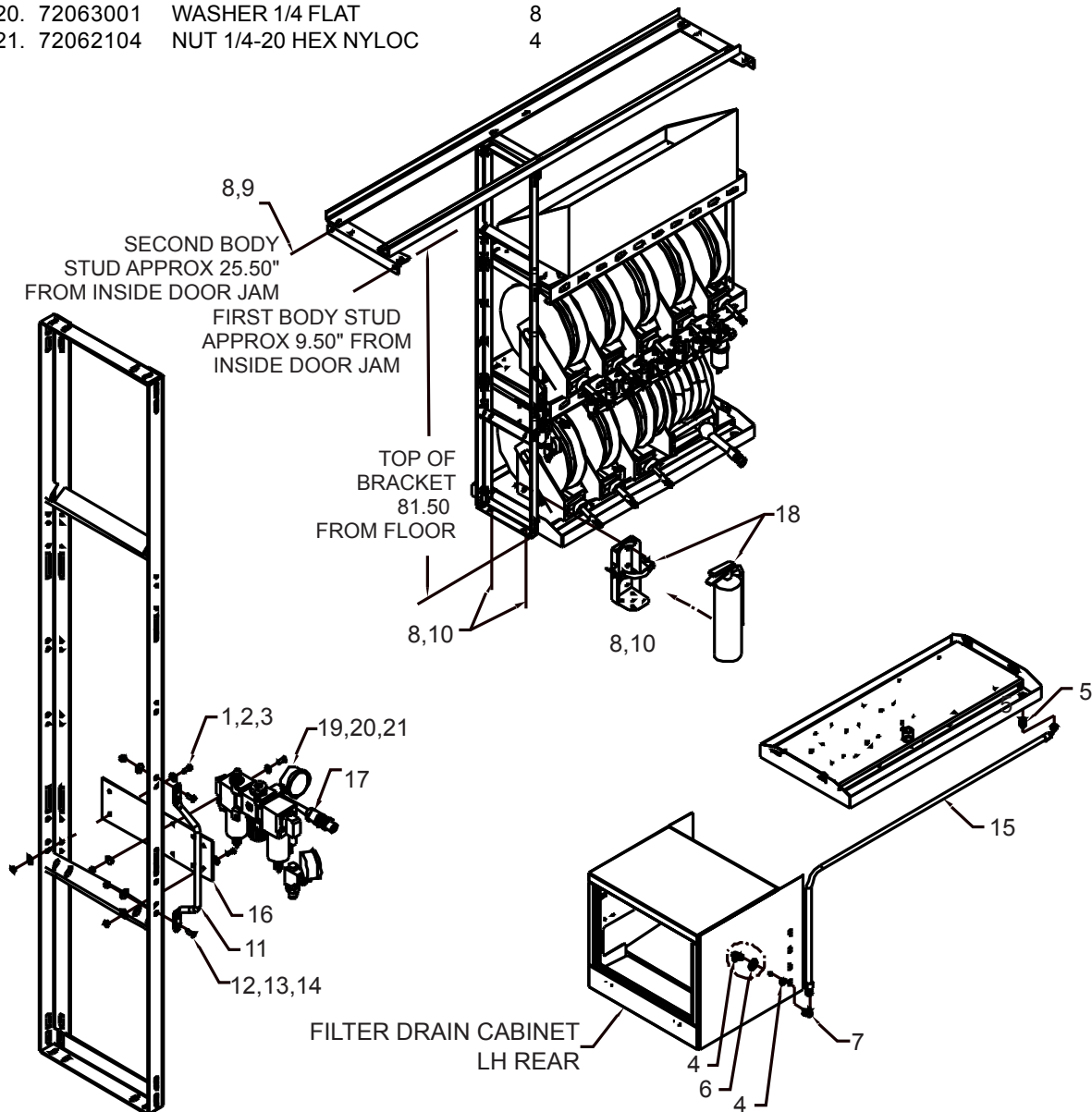
SHELF ASM (51716900-1)

1.	52716752	WLDMT-DRIP TRAY	1
2.	52716749	WLDMT-LOWER REEL SHELF	1
3.	52709029	SUPPORT-REEL SHELF 29.25" H	1
4.	52714724	SUPPORT-REEL SHELF 25.75" H	1
5.	60123297	SHELF-REEL UPPER	2
6.	73052120	SHELF/BIN W/DIVIDERS 45"	1
7.	60116069	MTG ANGLE-REEL SHELF	3
8.	60123295	MTG ANDLE-REEL SHELF	2
		WALL SUPPORT	2
9.	60123296	MTG ANGLE-REEL SHELF	2
		ROOF SUPPORT	2
10.	52716790	SUPPORT-REEL SHELF 81.00" H	1
11.	70392190	BUMPER-RUBBER	4
12.	72060047	CAP SCREW 3/8-16x1.25 HH	26
13.	72063003	WASHER 3/8 WRT	52
14.	72062103	NUT 3/8 NYLOC	26
15.	72601549	MACH SCREW 1/4x1.50	4
		TRPHH SS	4
16.	72063001	WASHER 1/4 WRT	4
17.	72062104	NUT 1/4 NYLOC	4



SHELF ASM (51716900-2)

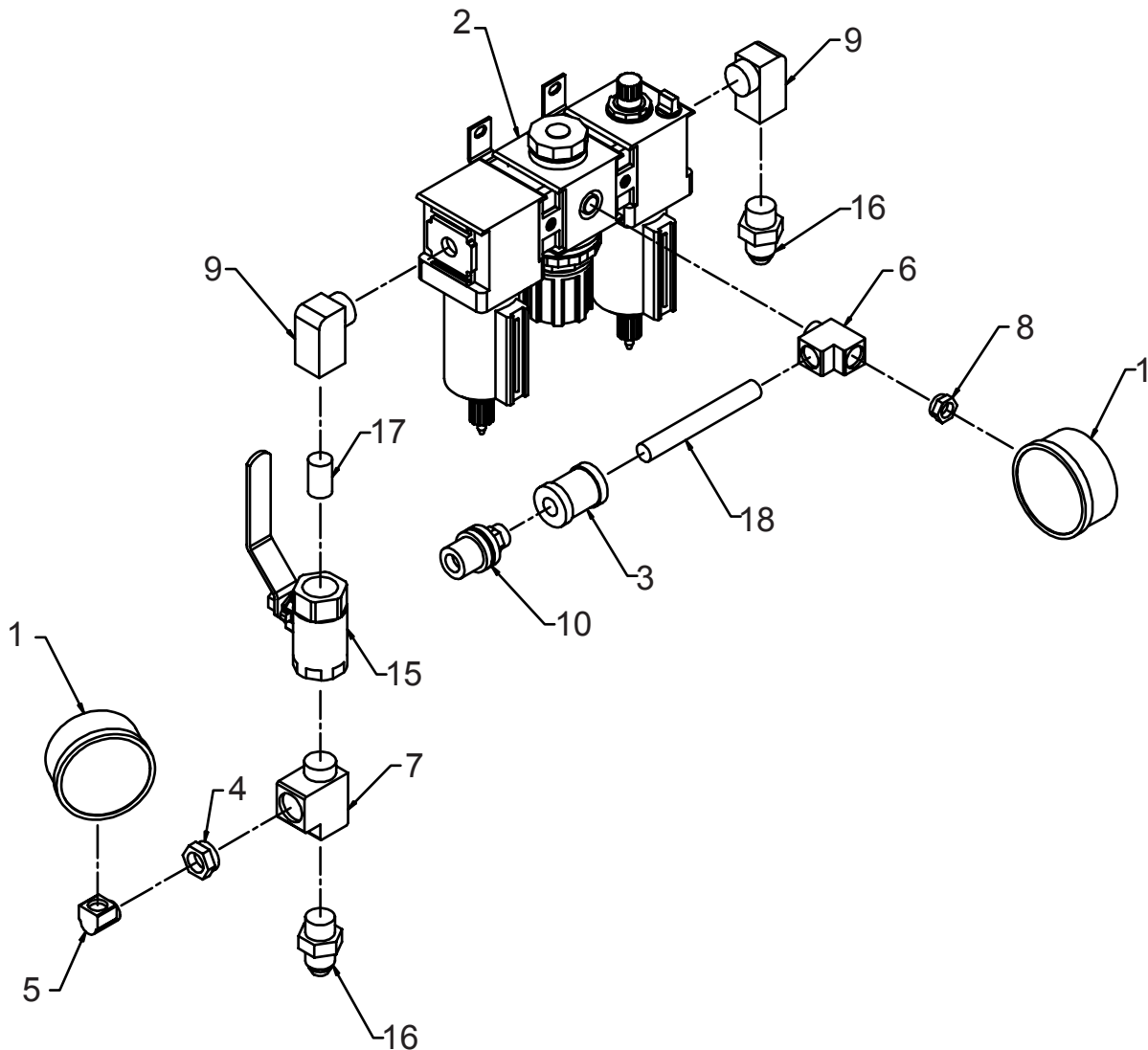
1.	72060002	CAP SCREW-SS 1/4-20x.75	8
2.	72063001	WASHER 1/4 WRT	16
3.	72062104	NUT 1/4 NYLOC	8
4.	72532986	ELBOW #8MJIC #8MJIC BLKHD	1
5.	72053671	ADPTR MPT/MJIC 3/4-8	1
6.	72063116	WASHER 3/4 N FLAT	1
7.	72532658	ELBOW #8MJIC #8FJIC SW	1
8.	72063003	WASHER 3/8 WRT	8
9.	72601774	SCREW-SELF TAP 3/8x1.5 HWH	4
10.	72601769	SCREW-LAG 3/8x2.00	4
11.	72661269	HANDLE-GRAB CHROME 16"L 3"H1	
12.	72062109	NUT-5/16-18 HEX NYLOC ZINC	4
13.	72063002	WASHER 5/16 FLAT	4
14.	72601590	CAP SCREW-SS 5/16-18x1.00	
		TRH PHH	4
15.	51394263	HOSE ASM - TYPE FJ 1/2x85.00	1
16.	60123317	BRACKET FRL	1
17.	51716756	FLR 1/2" HOSE REEL WILK.	1
18.	51711937	KIT-FIRE EXT. 10#	1
19.	72060004	CAP SCR 1/4-20X1.00 HH GR5	4
20.	72063001	WASHER 1/4 FLAT	8
21.	72062104	NUT 1/4-20 HEX NYLOC	4

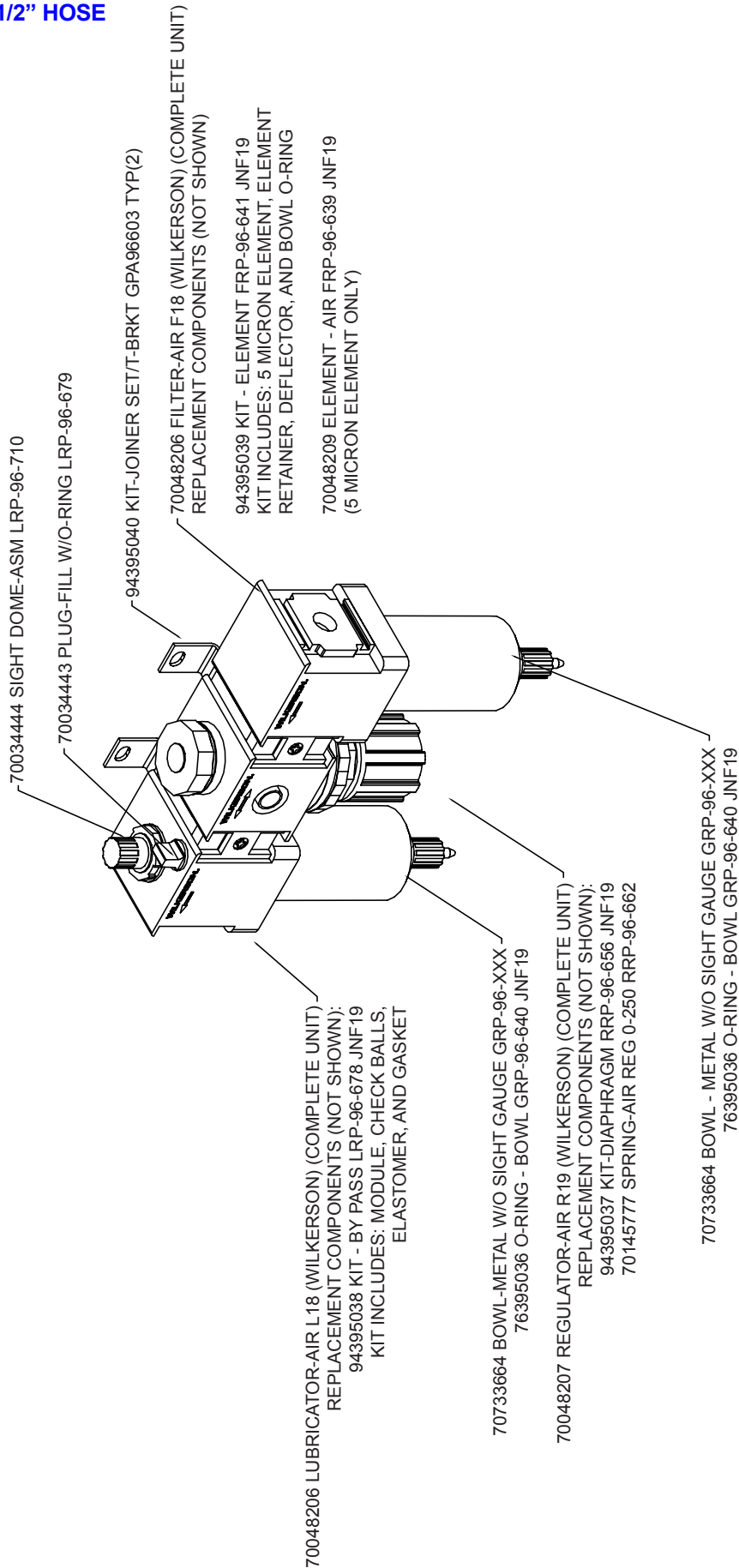


FILTER-LUBRICATOR-REGULATOR - 1/2" HOSE REEL (51716756)

1.	70048205	GAUGE-PRESS AIR 300#	2
2.	70733454	MOISTURE SEP-REG-LUB	1
3.	72053303	COUPLING -BLK 3/8	1
4.	72531812	REDUCER BUSH-FRX 1/2 - 1/4	1
5.	72532974	ELBOW STR BRS 1/4 X 90° SH	1
6.	72533586	TEE-BRASS RUN 3/8	1
7.	72533587	TEE-BRASS RUN 1/2	1
8.	72533588	REDUCER BUSH-BRS 3/8-1/4	1
9.	72531421	ELBOW-1/2 MPT #8MJIC 1/2	2
10.	72533593	QUICK DISC. 3/8 MPT 1/4 DIS	1
11.	72060004	CAP SCR 1/4-20 X 1.00 HHGR5	4
12.	72063001	WASHER 1/4 FLAT	8
13.	T48004	920 3" X 5" 2MIL ZIPLOC BAG	1
14.	72062104	NUT 1/4-20 HEX NYLOC ZINC	4
15.	73054192	BALL VALVE 1/2 STANDARD	1
16.	72053497	ADPTR-1/2 MPT #8MJIC	2
17.	72533022	NIPPLE-PIPE BRASS 1/2XCL	1
18.	72053055	NIPPLE-PIPE 3/8X4.00	1

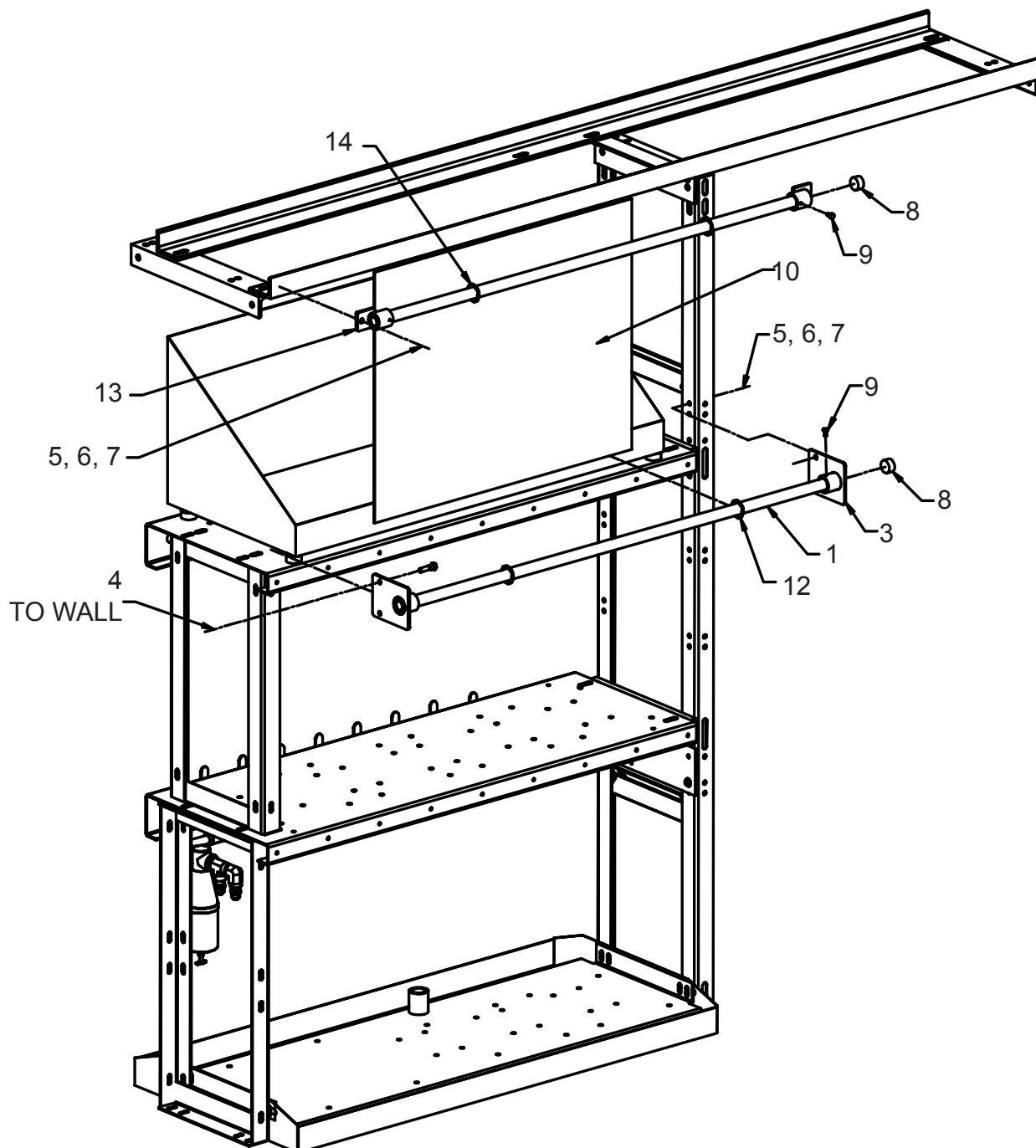
NOTE: ITEMS 11-14 NOT SHOWN



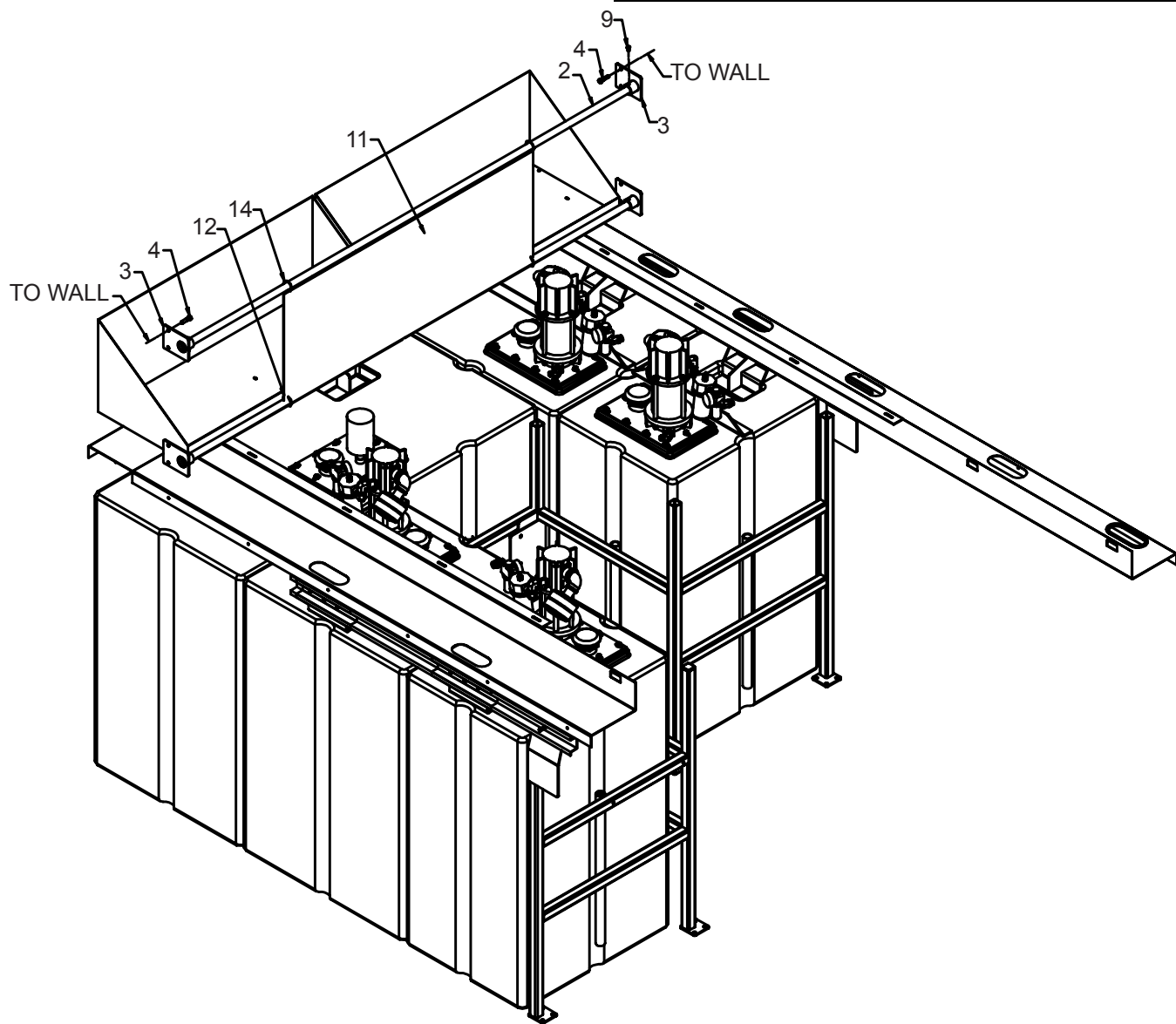


SHELF NETTING ASSEMBLY (51717012-1)

1.	60123622	PIPE 50" NETTING SUPPORT	2
2.	60123623	PIPE 90" NETTING SUPPORT	2
3.	52717009	BRACKET-NETTING SUPPORT	6
4.	72601774	SCR-SELF TAP 3/8x1.50 HWH	12
5.	72060046	CAP SCR-3/8-16x1.00 HH	4
6.	72062002	NUT 3/8 HEX ZINC	4
7.	72063051	WASHER 3/8 LOCK ZINC	4
8.	72053406	PLUG-PIPE SOCK HD 1" GALV	2
9.	72060270	CAP SCR 1/4-28x.50	4
10.	70396093	NETTING-24X44	1
11.	70396092	NETTING-19X87	1
12.	70396105	RING BINDER 1.50	20
13.	52717038	BRACKET-NETTING	2
14.	70396112	RING BINDER - OVAL 1.50	20

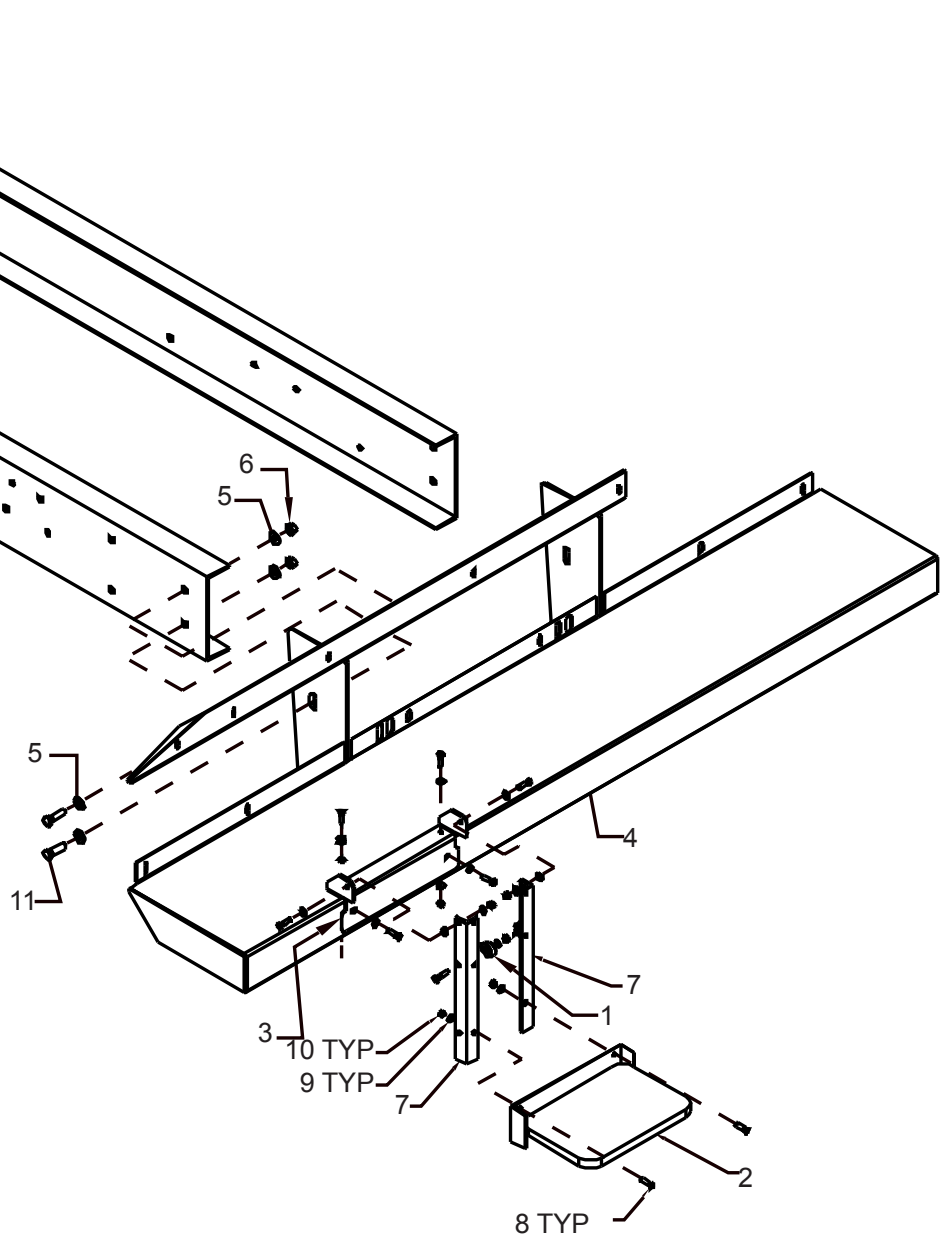


SEE PREVIOUS PAGE FOR ITEM PART NUMBERS AND DESCRIPTIONS.



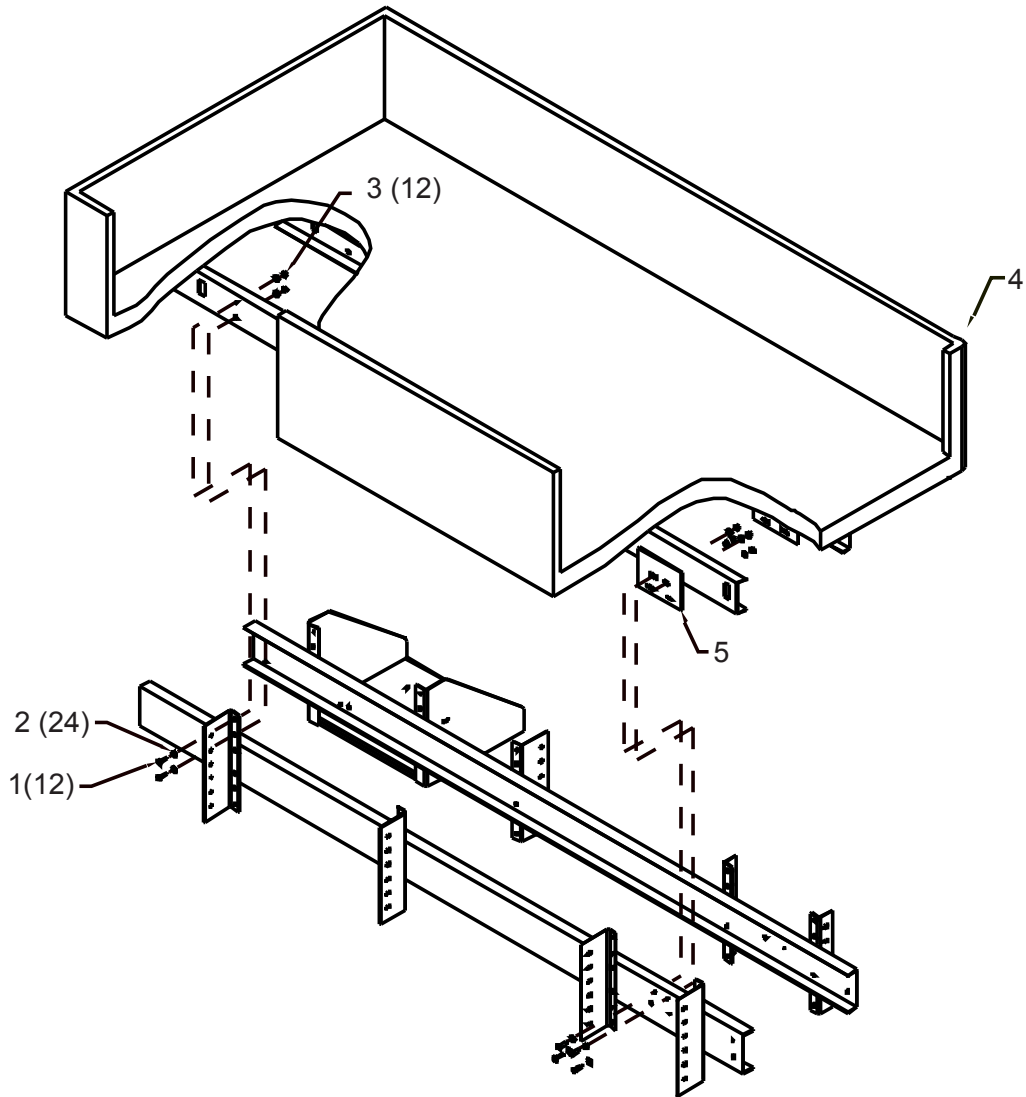
BUMPER /FOLD UP STEP ASM (51716901-1)

1.	60030243	SPACER-POLY 521x1.50x.5	2
2.	60123432	STEP-FOLD UP 15"x10"x4"	1
3.	60123292	BRACKET-FOLD UP STEP BASE	1
4.	52716744	PM LUBE-WLDMT BUMPER	1
5.	72063119	WASHER 5/8 WRT	8
6.	72063119	NUT 5/8-11 HEX TOP LOCK	4
7.	60123293	RAIL-FOLD UP STEP	2
8.	72060047	CAP SCREW 3/8-16x1.25 HHGR5	10
9.	72063003	WASHER 3/8 WRT	18
10.	72062103	NUT 3/8-16 NYLOC	10
11.	72060151	CAP SCREW 5/8-11x2 OD GR8	4



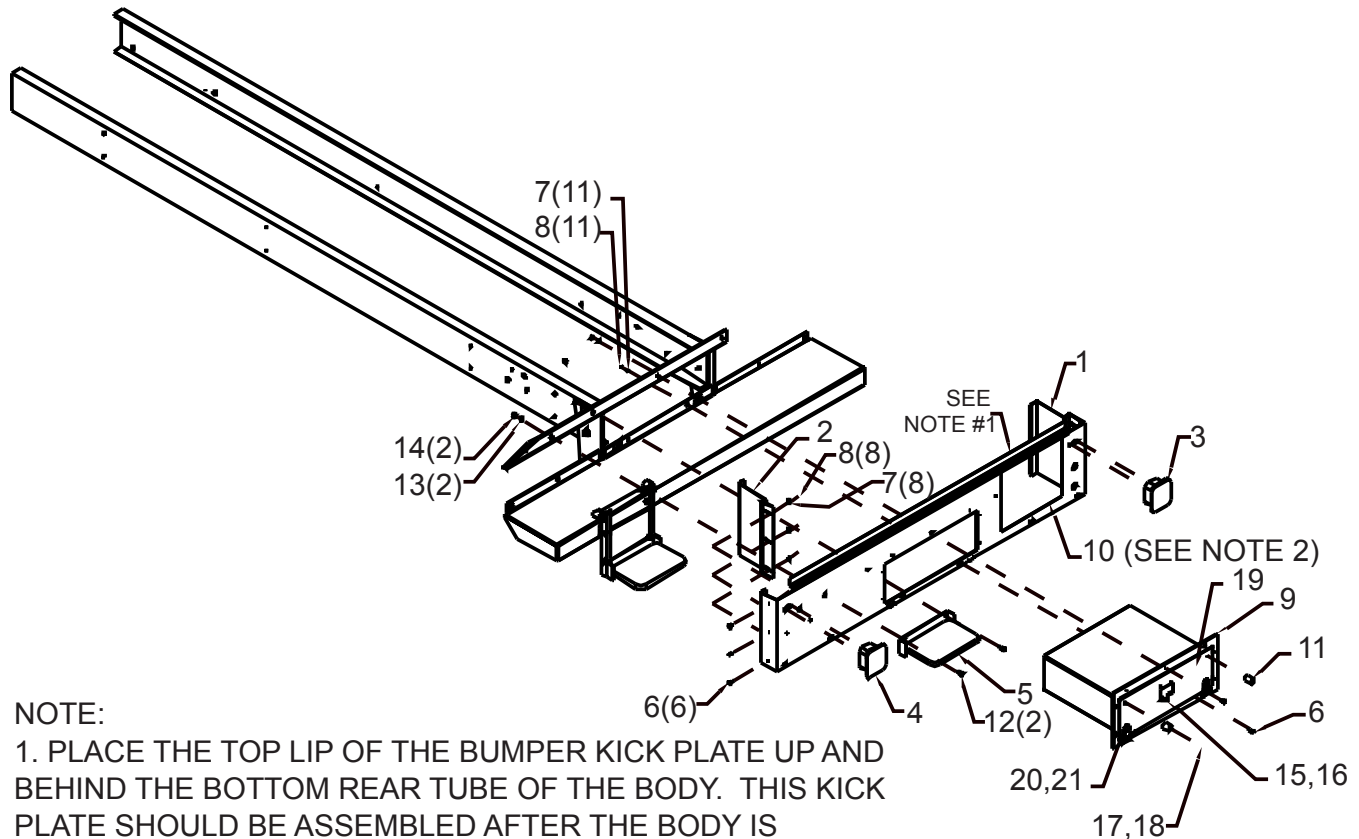
BODY ASM (51716901-2)

- | | | | |
|----|----------|--|----|
| 1. | 72060151 | CAP SCREW 5/8-11x2 OD GR8 | 12 |
| 2. | 72063119 | WASHER 5/8 WRT | 24 |
| 3. | 72062233 | NUT 5/8-11 HEX TOP LOCK | 12 |
| 4. | 70733607 | BODY-LUBE VAN ENCLOSURE
14'6" x 96" x 84" | 1 |
| 5. | 60105107 | SHEAR PLATE - 3/8x10.00x13 OD | 2 |



BODY ASM (51716901-3)

1.	60123289	BUMPER-KICK PLATE	1
2.	60123312	BUMPER-FILLER PLATE	2
3.	77044989	LIGHT-TAIL W/MARKER RH W/O LT	1
4.	77044990	LIGHT-TAIL W/MARKER LH W/ LT	1
5.	60123432	STEP-FOLD UP 15"x10"x4" BLACK	1
6.	72601590	CAP SCREW-SS 5/16-18x1 PHH	21
7.	72063002	WASHER 5/16 W FLAT	21
8.	72062109	NUT 5/16-18 HEX NYLOC ZINC	21
9.	52716906	COMPARTMENT-DRAIN PAN	1
10.	89391284	WEATHERSTRIP-.19x.75	6 FT
11.	70391615	BUMPER-RUBBER	2
12.	72060047	CAP SCREW 3/8-16x1.25 HHGR5	2
13.	72063003	WASHER 3/8 WRT	2
14.	72062103	NUT 3/8-16 NYLOC	2
15.	72661512	LATCH-3 PT	1
16.	76393253	LATCH GASKET W/STUDS	1
17.	72060711	CAP SCREW - 1/4-20x2.00 SH	2
18.	72062194	NUT -SS 1/4-20 NYLOC	4
19.	60123458	DOOR-UBTB	1
20.	72062264	NUT-1/4-20 WELD TP2120	2
21.	72601652	SCR-MACH 1/4-20x.75 TRH-SS	4

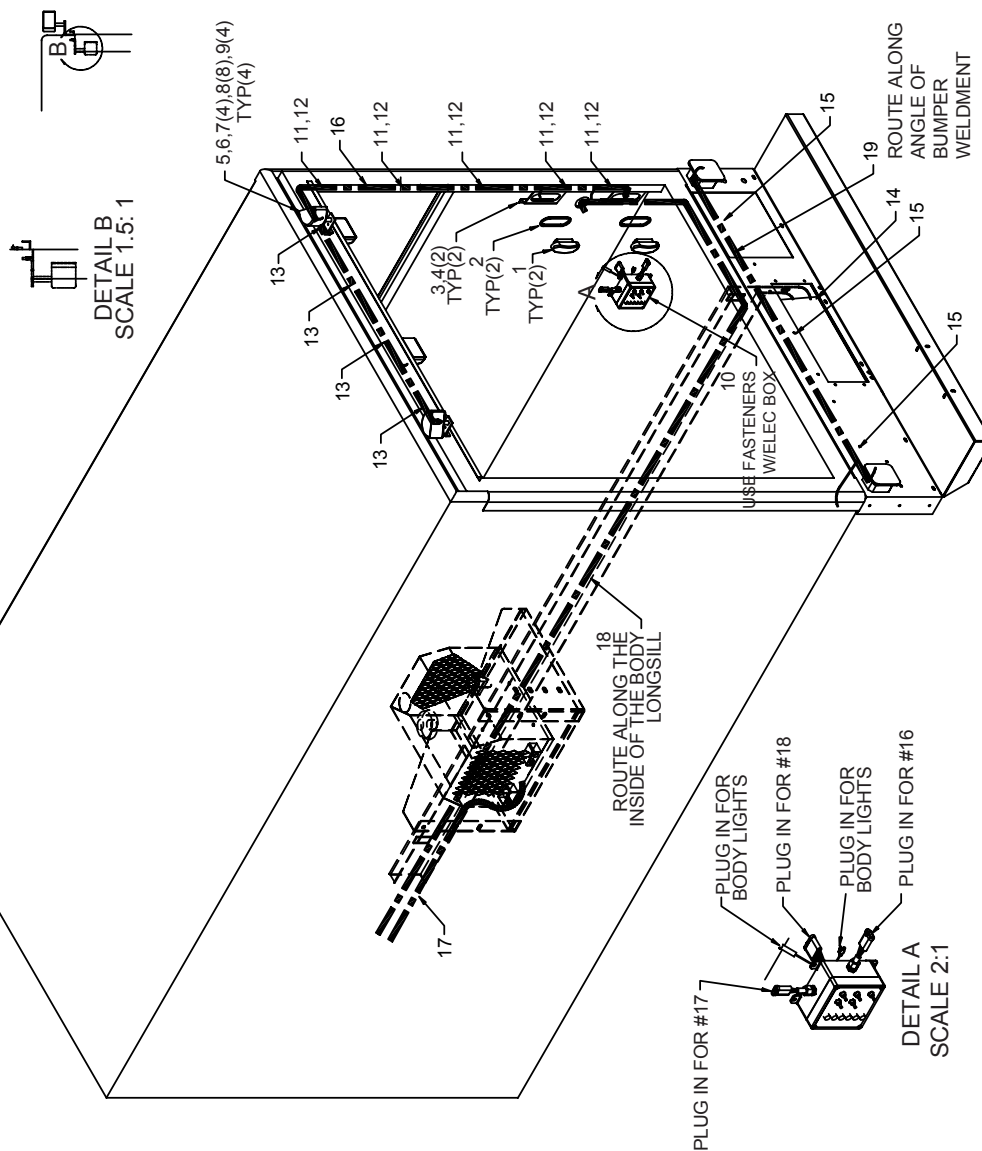
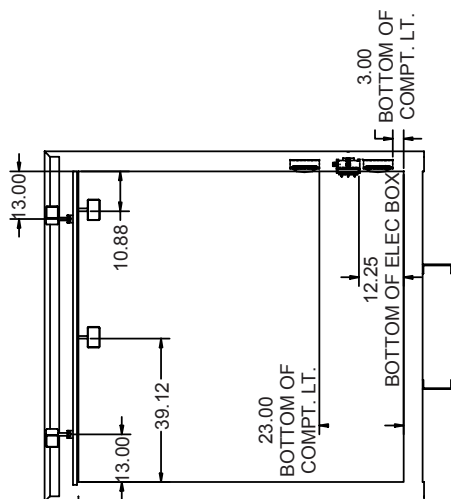
**NOTE:**

1. PLACE THE TOP LIP OF THE BUMPER KICK PLATE UP AND BEHIND THE BOTTOM REAR TUBE OF THE BODY. THIS KICK PLATE SHOULD BE ASSEMBLED AFTER THE BODY IS FASTENED TO THE TRUCK FRAME.

2. INSTALL WEATHERSTRIP ON BACKSIDE OF THE KICKPANEL WHERE IT MAKES CONTACT WITH UNDERBODY COMPARTMENT.

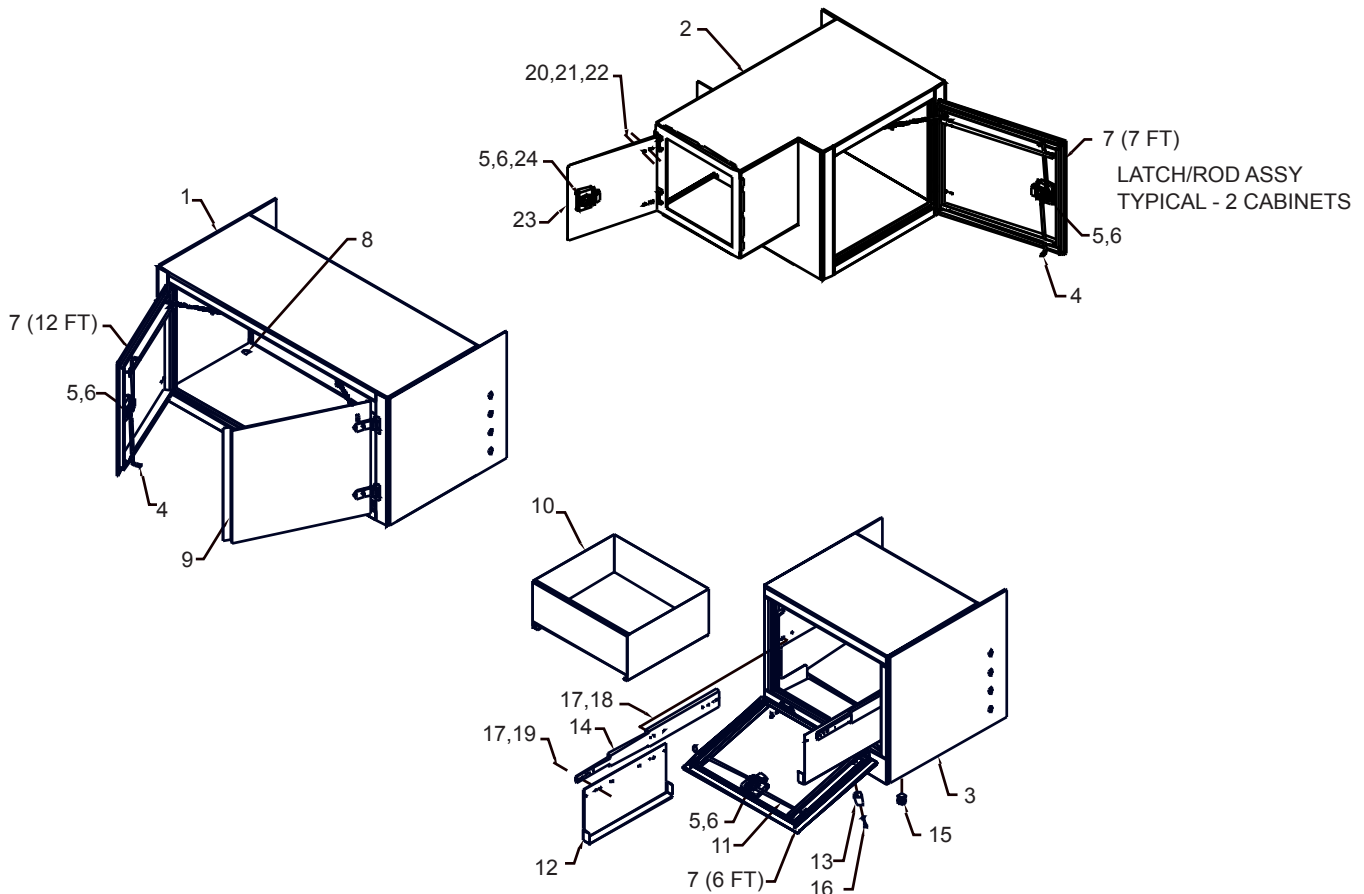
**BODY ELEC ASM - COMPRESSOR OUTSIDE
(99903323)**

- | | | | |
|-----|----------|-----------------------------|----|
| 1. | 77040384 | LIGHT COMPT 12V 2.1AMP | 2 |
| 2. | 76394572 | GROMMET 2X6 OVAL | 2 |
| 3. | 60123318 | BRACKET-COMPT LIGHT | 1 |
| 4. | 72061739 | SCR-TEC 1Q2-14 X 1.00 HWH | 4 |
| 5. | 77040424 | LIGHT-COMP WORK LAMP | 4 |
| 6. | 60117375 | BRACKET-FLOODLIGHT 12V | 4 |
| 7. | 72060004 | CAP SCR 1/4-20 X 1.00 | 8 |
| 8. | 72063001 | WASHER 1/4 FLAT | 16 |
| 9. | 72062104 | NUT 1/4-20 HEX NYLOC | 8 |
| 10. | 51716851 | SWITCH BLOCK | 1 |
| 11. | 72066533 | CLAMP - VINYL COVERED 1/2 | 10 |
| 12. | 72061099 | SCR-TEX CEILING 10-16 X 5.8 | 10 |
| 13. | 72661491 | CLIP-CONDUIT CLAMP | 4 |
| 14. | 77040020 | ALARM-BACK UP HORN | 1 |
| 15. | 72066581 | CLAMP-UPM20 | 4 |
| 16. | 77045866 | HARNESS-FLOOD/COMPT LT | 1 |
| 17. | 77045893 | HARNESS-AIR COMP | 1 |
| 18. | 77045868 | HARNESS-BODY | 1 |
| 19. | 77045865 | HARNESS-TRUCK LT | 1 |



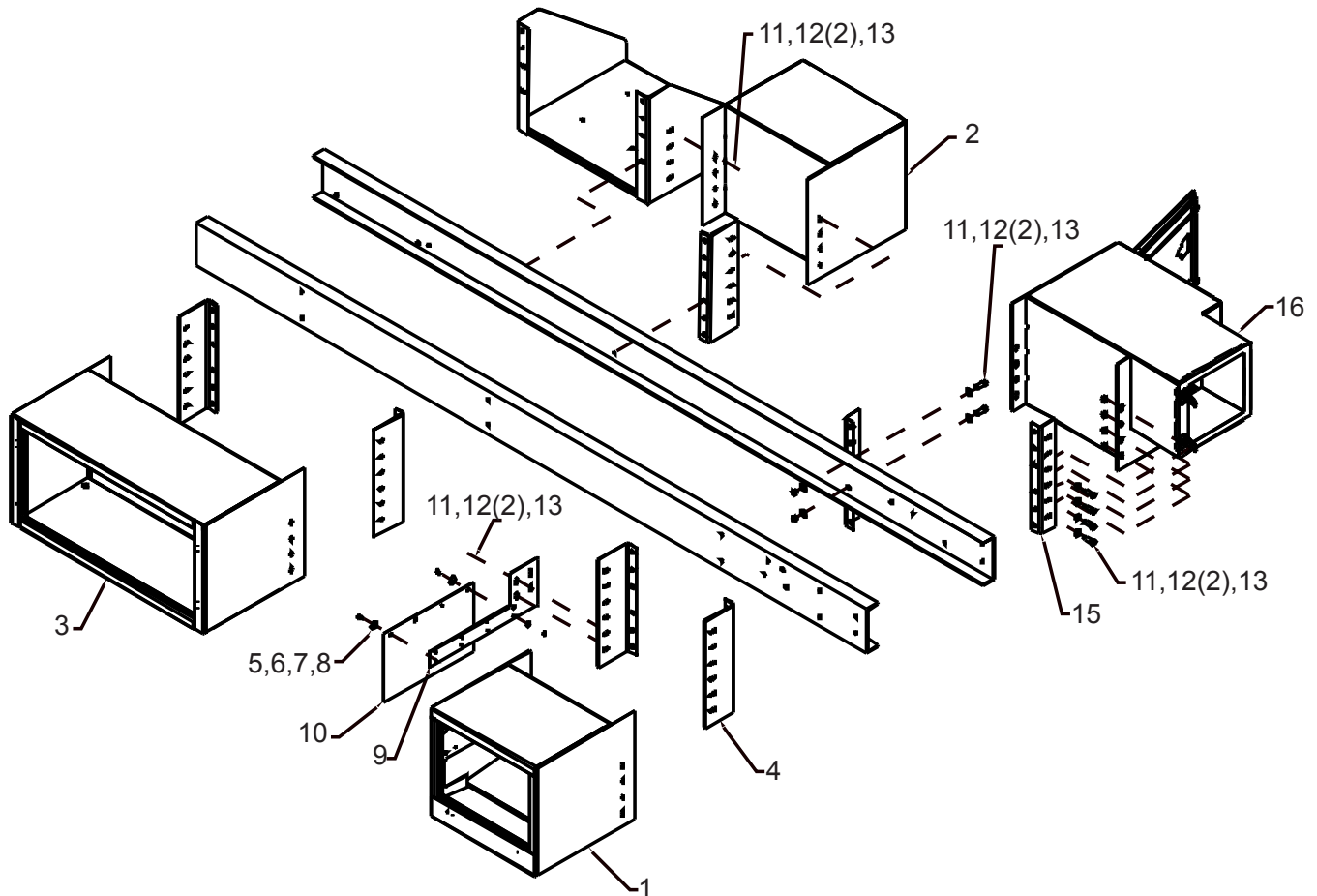
UBTB PACKAGE ASM (51716917-1)

1.	52716269	COMPT W/TOP 25"Hx52"Wx21"D	REF
2.	52716907	COMPT-LUBE RR	
		W/REAR ACCESS	REF
3.	52716293	COMPT-WLDMT LUBE DRAIN 28"	REF
4.	60117449	ROD-DOOR 10.25" LONG	6
5.	72661510	LATCH - 2 PT	4
6.	76393253	LATCH GASKET W/STUDS	5
7.	89393607	WEATHERSTRIP 5/8"x1/2"	32 FT
8.	70034366	PLUG-BUTTON 1-1/8" HOLE	8
9.	89393638	WEATHERSTRIP 3/4"x3/8"	2 FT
10.	52713133	DRAWER-FILTER DRAIN	1
11.	60112502	ROD-DOOR 12.25 LONG	2
12.	60119250	BRACKET ROLL-OUT BOX	2
13.	70391615	BUMPER - RUBBER	2
14.	70731871	DRAWER SLIDE - 18" LONG	2
15.	72053248	PLUG - PIPE SQHD 1"	1
16.	72060711	CAP SCREW 1/4-20x2.00 SH	2
17.	72062106	NUT-#10-24 HEX NYLOC ZINC	16
18.	72601283	MACH SCREW #10-24x1/2	
		PN SL ZN	8
19.	72601284	MACH SCREW #10-24x5/8	
		FLH SH ZN	8
20.	72062264	NUT 1/4-20 WELD TP2120	2
21.	72601652	SCREW- MACH 1/4-20x.75	
		TRH-SS	4
22.	72062194	NUT-SS 1/4-20 NYLOC	2
23.	60123469	DOOR-UBTB	1
24.	7266512	LATCH-3 PT	1



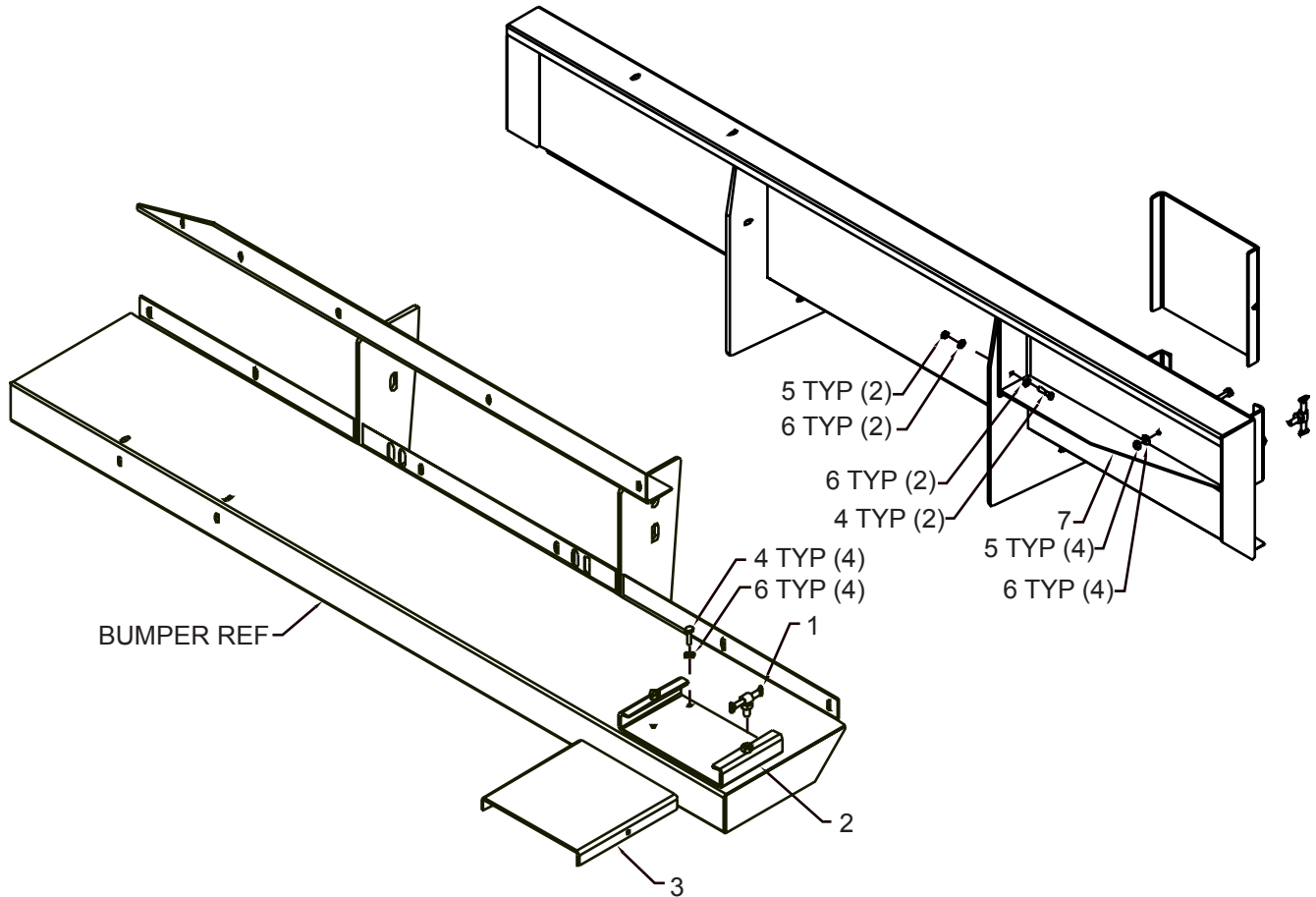
USTB PACKAGE ASM (51716917-2)

1.	52716293	COMPT-WLDMT LUBE DRAIN 28"	1
2.	52716290	COMPT W/TOP 25"Hx28"Wx21"D	1
3.	52716269	COMPT W/OP 25"Hx52"Wx21"D	1
4.	60123305	BRACKET-UBTB MOUNTING	5
5.	72062109	NUT 5/16-18 LOCK	8
6.	72060025	CAP SCREW 5/16-18x1.00 HHGR5	8
7.	72063001	WASHER 1/4 WRT	8
8.	72063078	WASHER 5/16x1.62OD	8
9.	60123414	BRACKET - MUDFLAP	2
10.	76393799	MUDFLAP W/LOGO 16"Hx24"W	2
11.	72060151	CAP SCREW 5/8-11x2.0 OD GR8	48
12.	72063119	WASHER 5/8 WRT	96
13.	72062233	NUT 5/8-11 HEX TOP LOCK	48
14.	89039999	TREAD-SHUR STEP 12"	
		(NOT SHOWN)	8
15.	60123485	BRACKET-UBTB MOUNTING	2
16.	52716907	COMPT-LUBE RR W/REAR ACCESS	1



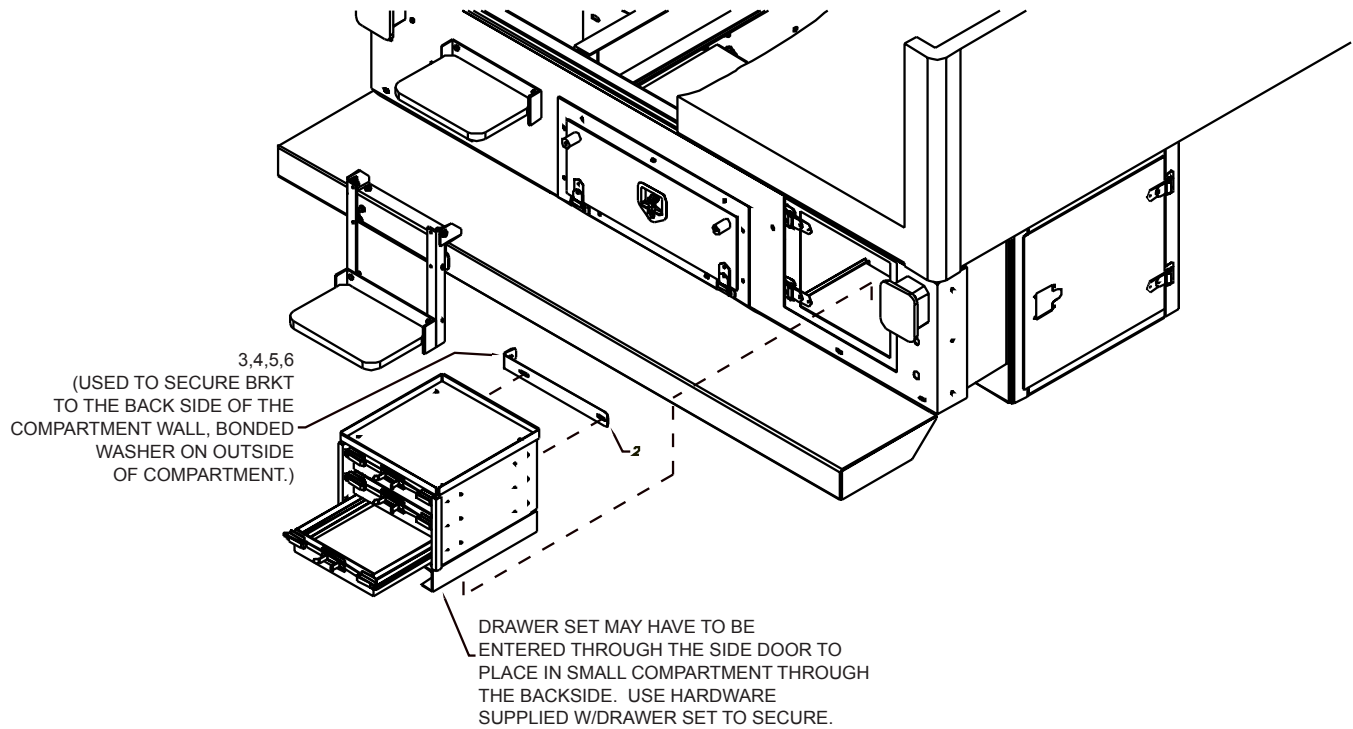
KIT-VICE MTG BRACKET - BOLT ON (51716919)

1.	52705647	TIGHTENER BOLT-VISE BRKT	2
2.	52710171	SLIDE-WLDMT VISE MTG BRKT	1
3.	60114831	PLATE-VISE MTG BRKT	1
4.	72060048	CAP SCREW 3/8-16x1.5 HHGR5Z	6
5.	72062103	NUT 3/8-16 HEX NYLOC ZINC	6
6.	72063003	WASHER 3/8 W	
		FLAT ANSI B27.2Z	12
7.	52716920	WLDMT-VISE MTG SUPPORT	1



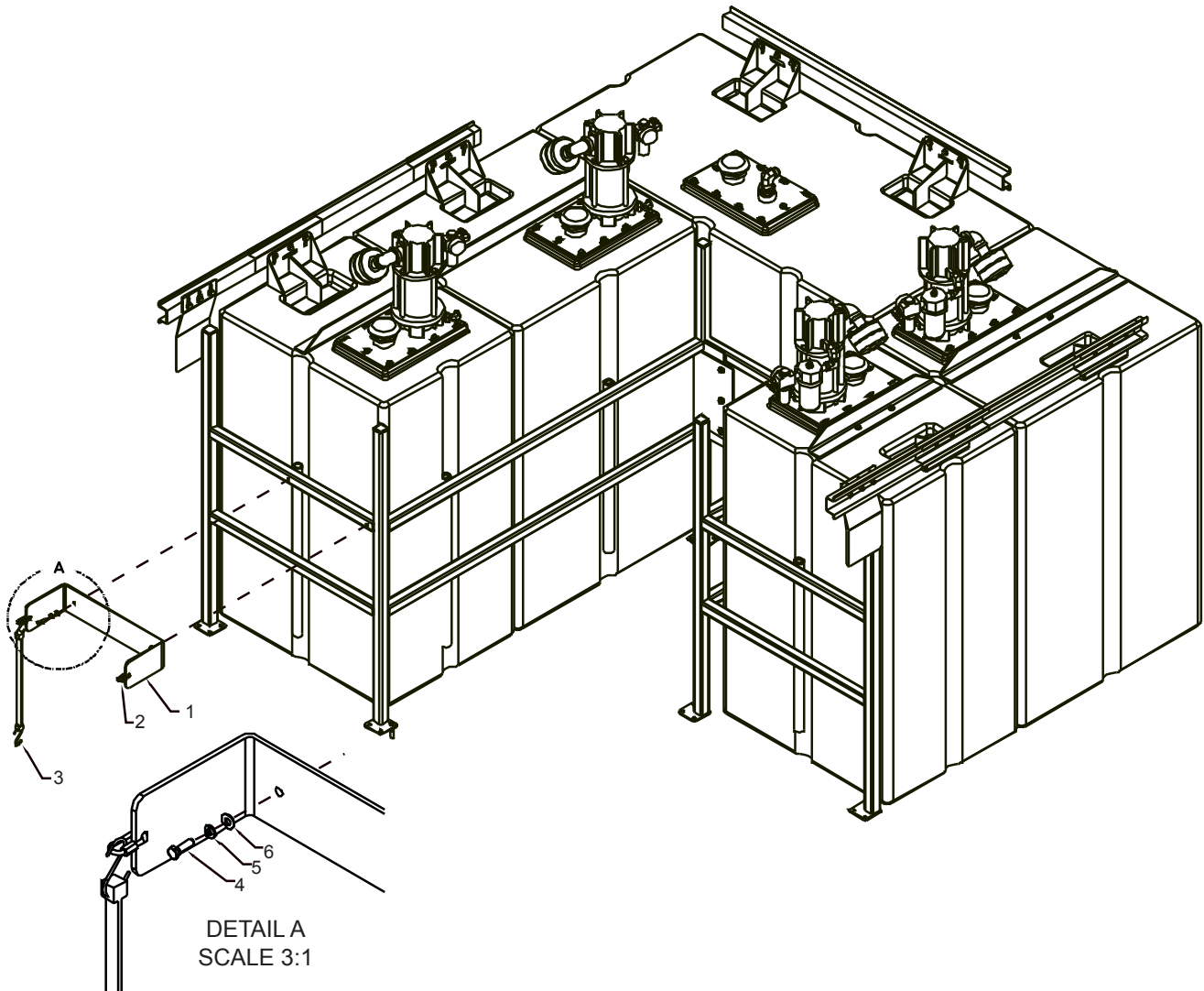
THREE DRAWER SET ASSEMBLY (51716924)

- | | | | |
|----|----------|-----------------------------------|---|
| 1. | 70733228 | DRAWERS 13" 3-3" 16.62x15h | 1 |
| 2. | 60123486 | BRKT-DRAWER SUPPORT | 1 |
| 3. | 72060027 | CAP SCREW 5/16-28x1.5
HH GR5 Z | 1 |
| 4. | 72063002 | WASHER 5/16 W FLAT
ANSI B27.2Z | 1 |
| 5. | 76392598 | WASHER-BONDED PLT 5/16 | 1 |
| 6. | 72062109 | NUT 5/16-18 HEX NYLOC ZINC | 1 |



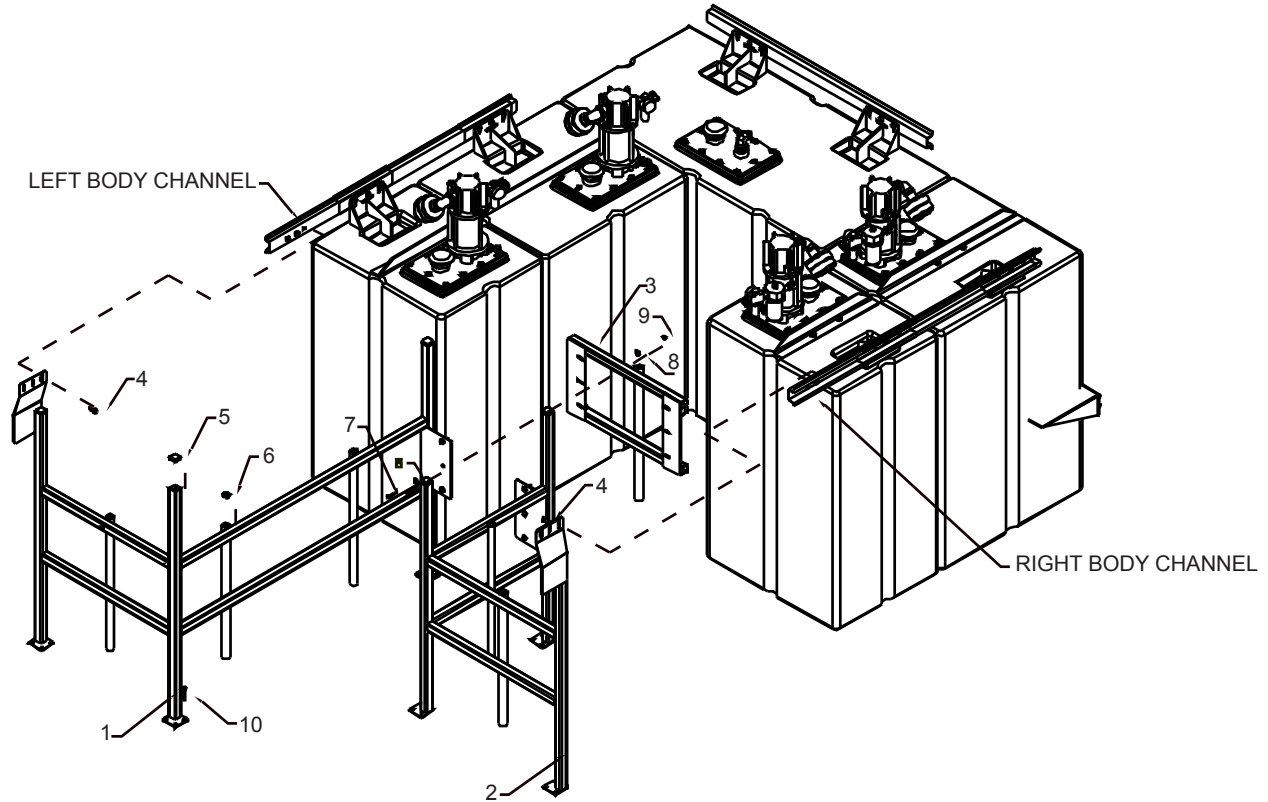
LADDER BRACKET ASM (51716927)

- | | | | |
|----|----------|------------------------------------|---|
| 1. | 60250779 | LADDER HOLDER-BOTTOM
BRACKET | 1 |
| 2. | 70391361 | STRAP-RUBBER 15" | 1 |
| 3. | 70058959 | CHAIN CONN. THREADED 3/16 | 2 |
| 4. | 72060026 | CAP SCREW 5/16-18x1.25
HH GR5 Z | 2 |
| 5. | 72063050 | WASHER 5/16 LOCK ZINC | 2 |
| 6. | 72063002 | WASHER 5/16 W FLAT
ANSI B27.2Z | 2 |



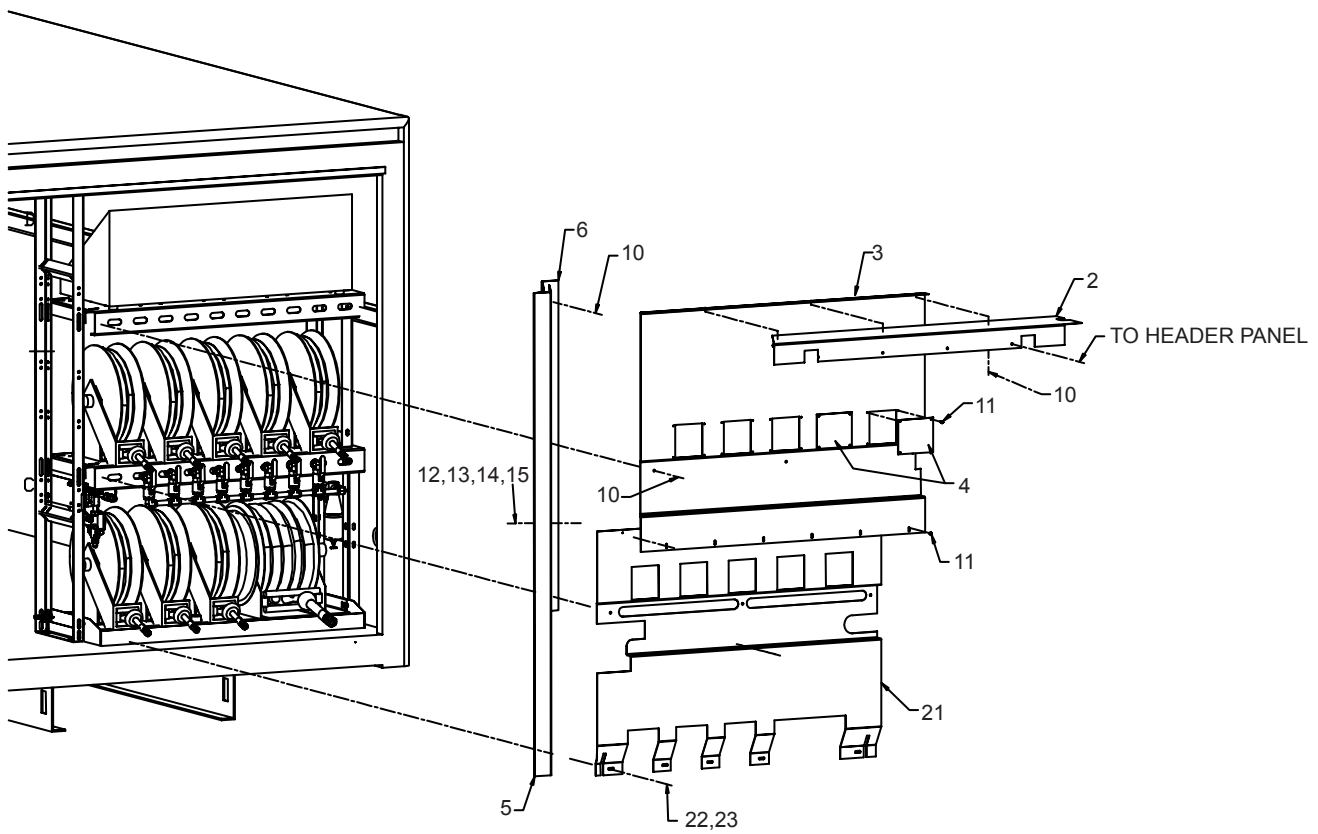
TANK FENCE ASM (99903285)

1.	52716760	WLDMT-TANK FENCE LEFT SIDE	1
2.	52716761	WLDMT-TANK FENCE RT. SIDE	1
3.	52716762	WLDMT-TANK FENCE FRONT	1
4.	72601773	SCREW-SELF TAP 3/8x1.00 HWH	6
5.	M10039	CAP-PIPE 3/4"	6
6.	70392310	PLUG-PLSTC 1.50 SQx11 GA	6
7.	72060047	CAP SCREW 3/8-16x1.25 HHGR5	6
8.	72063003	WASHER 3/8 WRT	12
9.	72062103	NUT 3/8-16 NYLOC	6
10.	72601769	SCREW-LAG 3/8x2.00	18



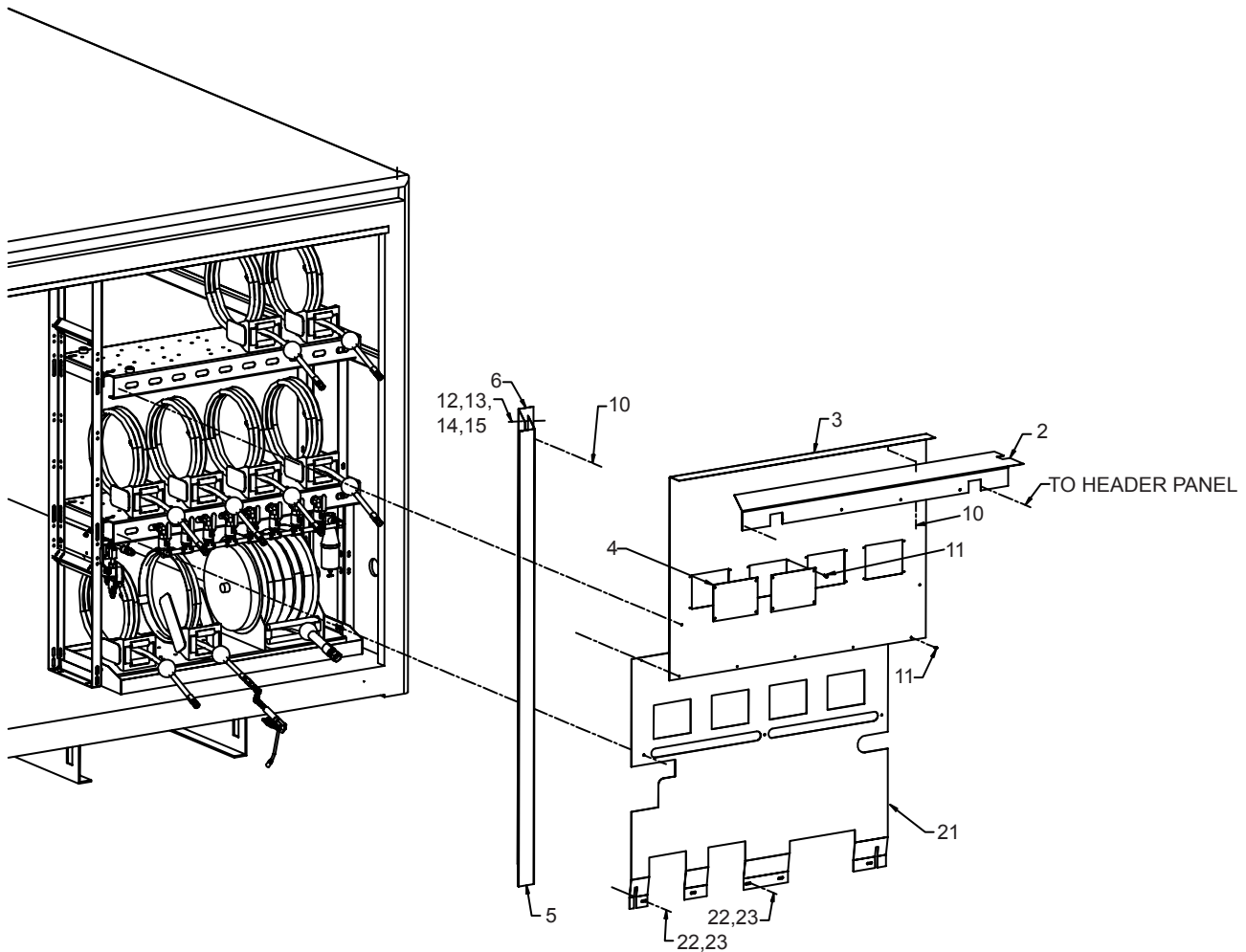
HEAT OPTION (51716985)

2.	60123558	HEADER PANEL	1
3.	60123559	PANEL-UPPER	1
4.	60123560	COVER PANEL-REEL	5
5.	60123561	PANEL	1
6.	60123562	PANEL	1
10.	72061101	SCREW-Self TAP 1/4x.75 HEX	15
11.	72061090	SCREW-Self TAP #12x.62 HEX	26
12.	72062000	NUT 1/4	4
13.	72063049	WASHER LOCK 1/4	4
14.	72063001	WASHER FLAT 1/4	4
15.	72060004	CAP SCREW 1/4x1.00	4
21.	60123625	PANEL-LOWER	1
22.	72060042	CAP SCREW 3/8-16x.5	5
23.	72063003	WASHER 3/8 W FLAT	5



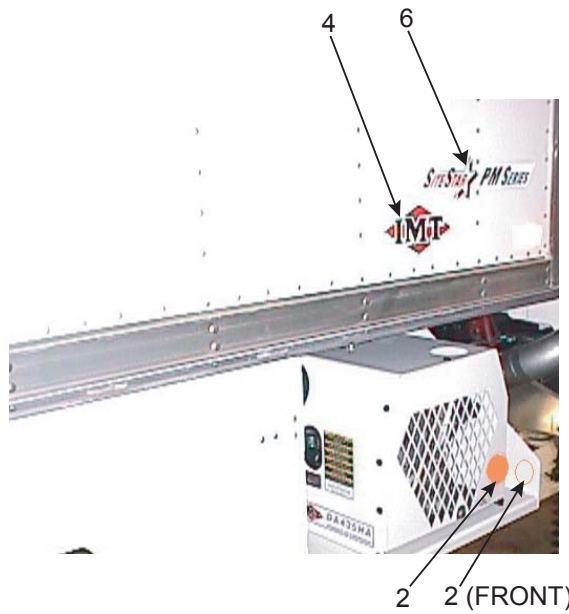
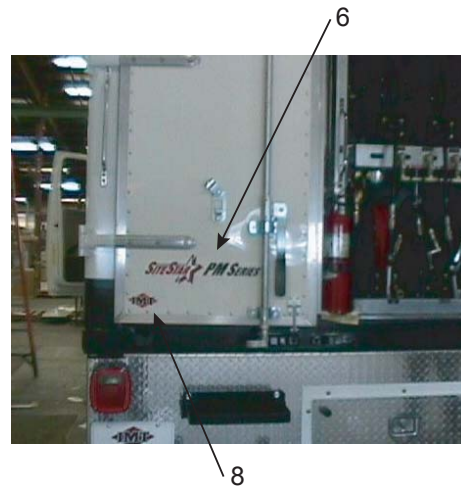
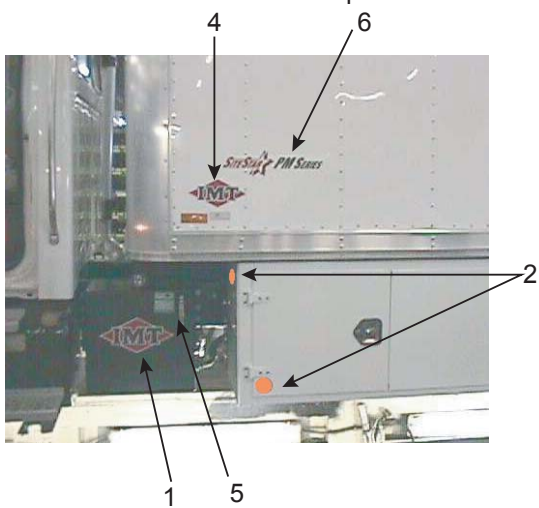
**HEAT OPTION - DUAL PEDESTAL REELS
(51717005)**

2.	60123558	HEADER PANEL	1
3.	60123618	PANEL-UPPER	1
4.	60123620	COVER PANEL-REEL	2
5.	60123561	PANEL	1
6.	60123562	PANEL	1
8.	70145270	HANDLE-T LATCH	1
9.	70145271	KEEPER-T LATCH	1
10.	72061101	SCREW-SELF TAP 1/4x.75 HEX	15
11.	72061090	SCREW-SELF TAP #12x.62 HEX	13
12.	72062000	NUT 1/4	4
13.	72063049	WASHER LOCK 1/4	4
14.	72063001	WASHER FLAT 1/4	4
15.	72060004	CAP SCREW 1/4x1.00	4
19.	72601725	SCREW MACH #6-32x.5 PH RND	4
20.	72062267	NUT #6-32 HEX ZINC	4
21.	60123626	PANEL-LOWER	1
22.	72060042	CAP SCREW 3/8-16x1/2	5
23.	72063003	WASHER 3/8 W FLAT	5

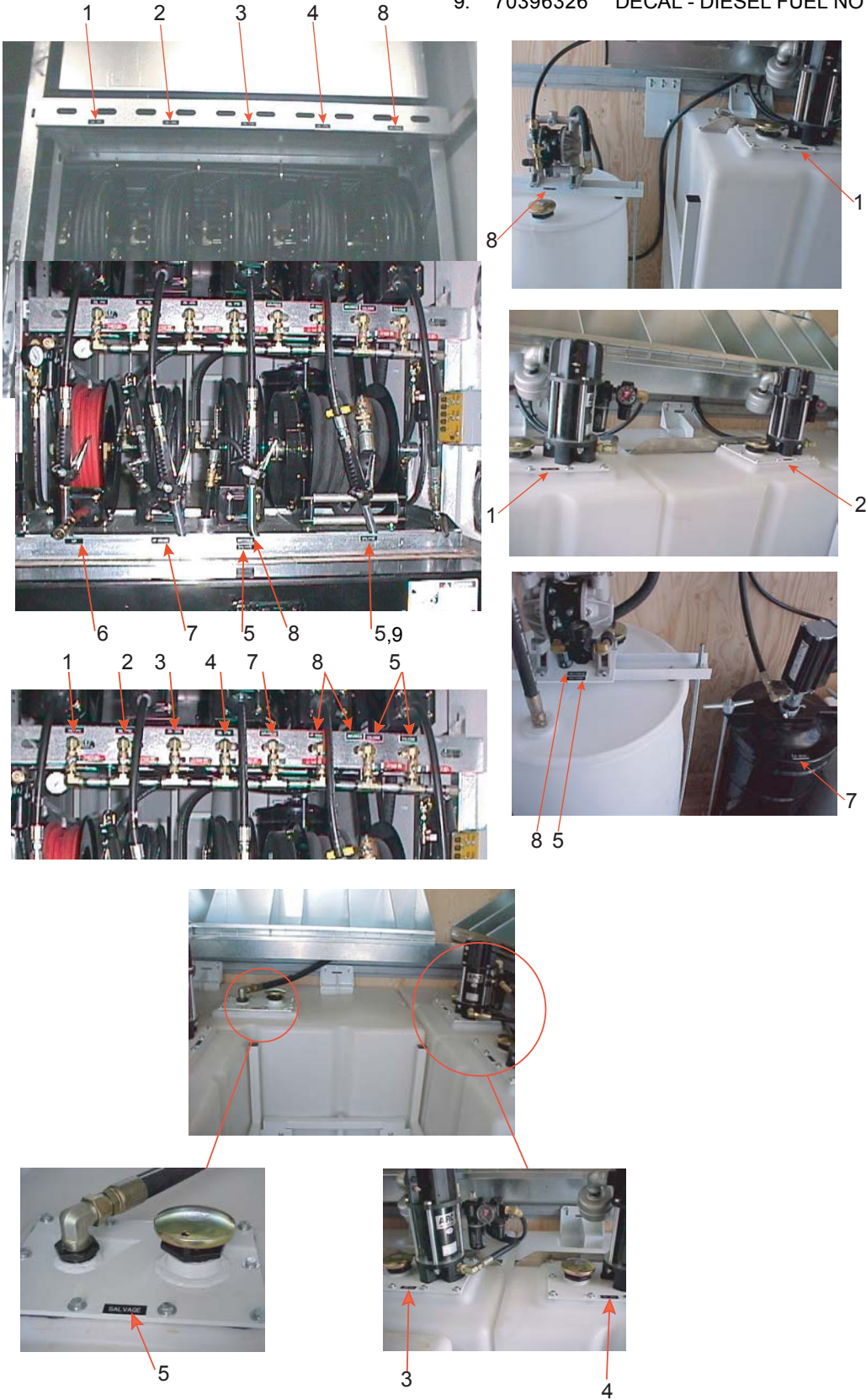


DECAL KIT (99903311-1)

- | | | | |
|----|----------|--------------------------------|---|
| 1. | 70029251 | DECAL - IMT DIAM. 6.75 x 13.50 | 2 |
| 2. | 70039058 | REFLECTOR | 4 |
| 3. | 70391601 | DECAL - AIR TANK DRAIN | 1 |
| 4. | 70392887 | DECAL - IMT DIAM. 5.00 x 10.00 | 2 |
| 5. | 70394189 | DECAL - MOBILOIL RESERVOIR | 1 |
| 6. | 70396022 | DECAL - PM SERIES LUBE | 3 |
| 7. | 71393886 | DECAL - DANGER TANK | 1 |
| 8. | 70391456 | DECAL - IMT DIAM. 2.62 X 4.75 | 1 |

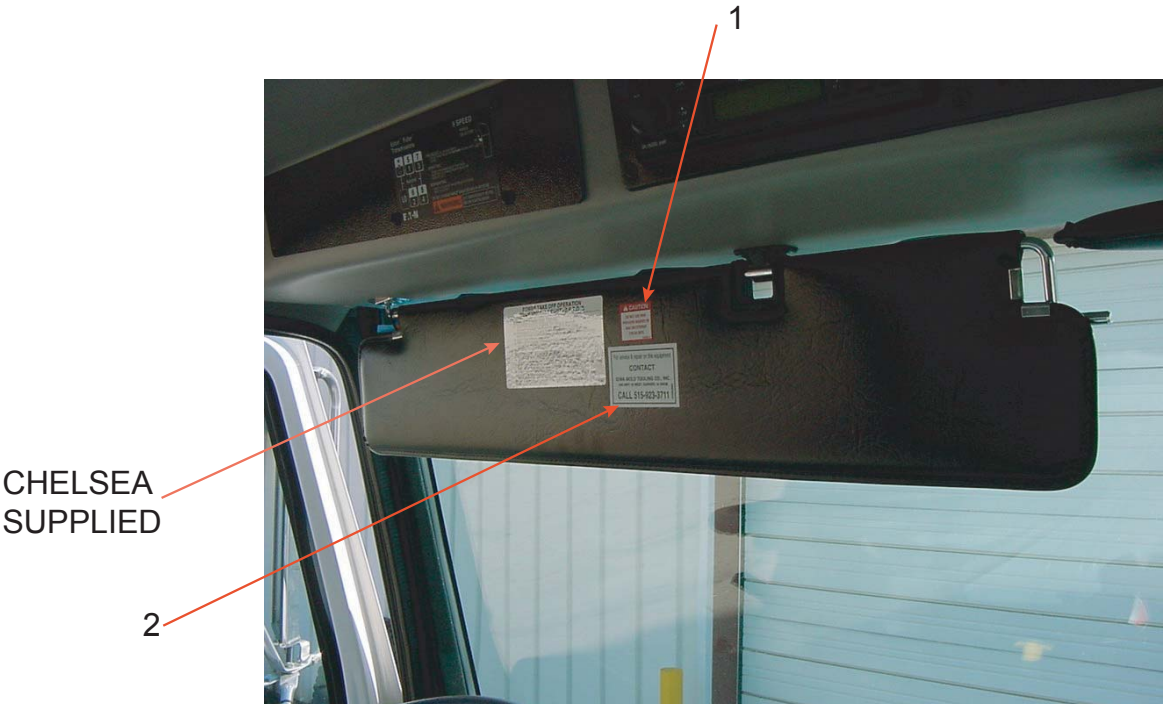


PM LUBE: 99903326:20021202					2-22	SECTION 2: BODY AND CHASSIS			
DECAL KIT (99903311-2)						4.	70392989	DECAL - LUBE OIL (4)	3
1.	70393986	DECAL - LUBE OIL (1)		3		5.	70392993	DECAL - LUBE SALVAGE	6
2.	70392987	DECAL - LUBE OIL (2)		3		6.	70392994	DECAL - LUBE AIR	1
3.	70392988	DECAL - LUBE OIL (3)		3		7.	70392995	DECAL - LUBE HP GREASE	3
						8.	70393050	DECAL - LUBE ANTI-FREEZE	6
						9.	70396326	DECAL - DIESEL FUEL NOTICE	A/R



DECAL KIT (99903311-3)

- | | | | |
|----|----------|-----------------------------|---|
| 1. | 70392213 | DECAL-CAUTION WASH/WAX | 1 |
| 2. | 70392982 | DECAL - SERVICE & REPAIR | 1 |
| 3. | 70394092 | DECAL - CAUTION BRAKE/COMP | 1 |
| 4. | 71039165 | DECAL - RPM 1200-1400 | 1 |
| 5. | 70392965 | DECAL- THINK SAFETY (SMALL) | 1 |



SECTION 3: SYSTEMS

RESERVOIR HYD (51716854)	3
PUMP ASM (51716806)	4
OIL TANK ASSEMBLY -75 GAL (51716944)	5
OIL TANK ASSEMBLY -135 GAL (51716866)	5
OIL TANK ASSEMBLY -190 GAL (51716867)	5
OIL PUMP ASM (51716805)	6
ANTIFREEZE TANK ASM (51716868)	7
ANTIFREEZE / SALVAGE TANK ASM (51716869)	8
AF SALV PUMP ASM (51716807)	9
OIL / SALVAGE TANK (51716870)	10
OIL SALV PUMP ASM (51716808)	11
CONTROL VALVE ASM (99903287-1)	12
CONTROL VALVE TO SHELF ASM (99903287-2)	13
TANK PLATE ASM (51716809)	14
GREASE PUMP ASM (51716825)	15
AIR TANK KIT 22.5 GALLON (51716824)	16
COMPRESSOR ASM (51716902-1)	17
HOSE ROUTING - AIR (51716902-2)	18
HOSE ROUTING OIL (HYD) (99903309-1)	19
HOSE ROUTING AF/AF SALV/GRS (HYD) (99903309-2)	20
HOSE ROUTING OIL SALV (HYD) (99903309-3)	21
HOSE ROUTING PUSH LOCK (AIR) (99903309-4)	22

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PMLUBE: 99903326 20011211

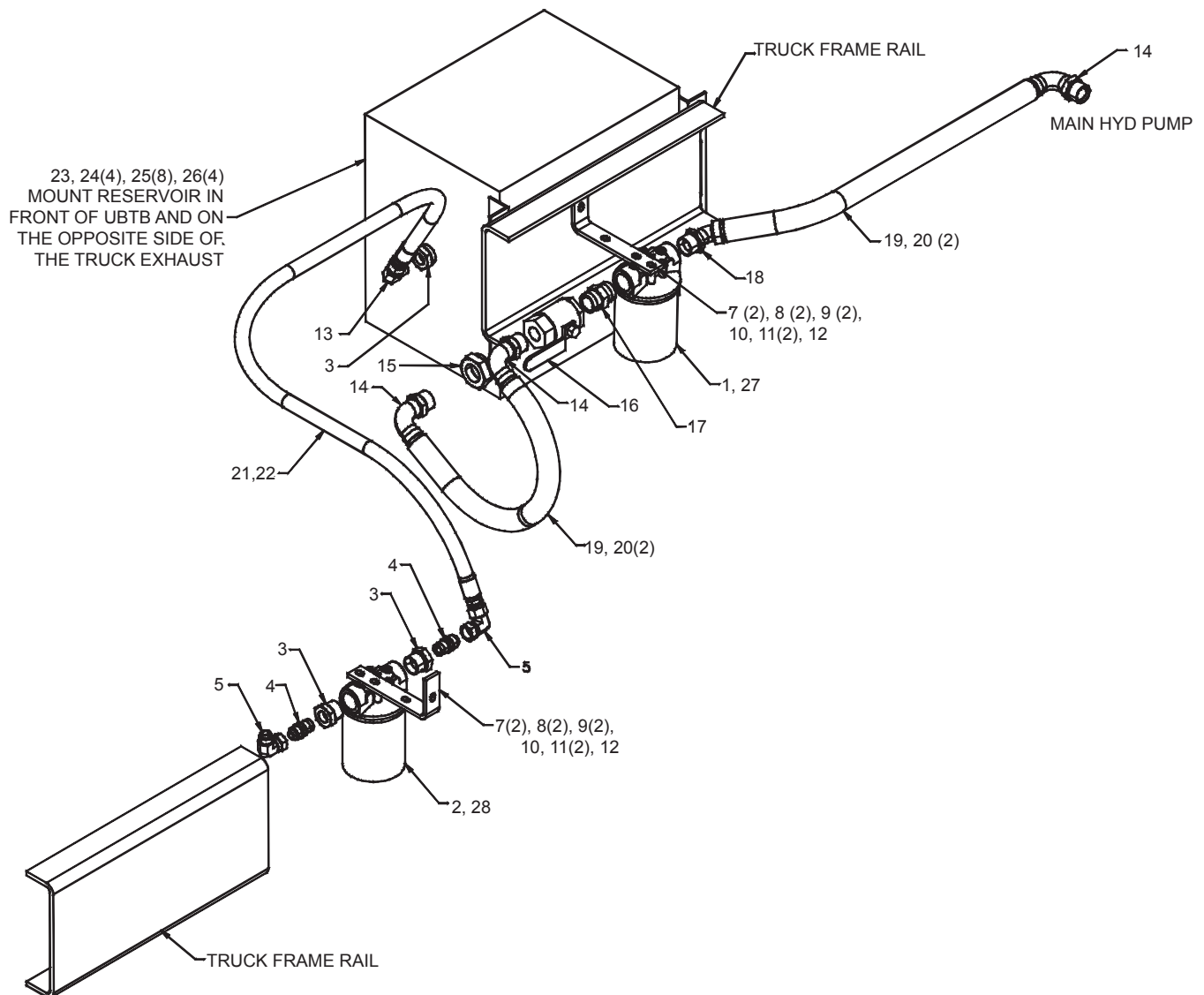
RESERVOIR HYD (51716854)

1.	73052012	FILTER - HYD MESH W/ GAUGE	1
2.	73052091	FILTER - HYD RET 10 MIC	1
		1.25 NPTF	1
3.	72053180	REDUCER 1-1/4 - 3/4 NPT	3
4.	72053676	ADPTR - MPT /HEX/MJIC .75 12	2
5.	72532696	ELBOW-MJIC /FJIC SW 12 12	2
6.	60103870	BRACKET - FILTER	2
7.	72060025	CAP SCR 5/16-18 x 1.00 GR5	4
8.	72063002	WASHER 5/16 WRT	4
9.	72063050	WASHER 5/16 LOCK	4
10.	72060048	CAP SCR 3/8-16 x 1.50 GR5	2
11.	72063003	WASHER 3/8 WRT	4
12.	72062103	NUT 3/8-16 NYLOC	2
13.	72531427	ELBOW-MPT /90/M JIC 3/4- 12	1
14.	72532346	NIPPLE-BARB 90° 1.25 1.25	3

3-3

SECTION 3. SYSTEMS

15.	72053579	REDUCER 2.00 1.25 NPT	1
16.	73054232	VALVE-BALL 1.25	1
17.	72053729	ADPTR-MPT /HEX/MPT 1.25 1.25	1
18.	72531196	NIPPLE - BARB 45° 1.25 1.25 NPT	1
19.	89393401	HOSE - HYD 1.25 100R4	10FT
20.	72066516	HOSE CLAMP 1.25	4
21.	89393652	HOSE - HYD .75 100R2	10FT
22.	72532976	HOSE FTG- TYPE F #12 .75	2
23.	70733530	RESERVOIR - ASM 25.00	
		GAL FRAME MOUNT	1
24.	72060151	CAP SCR 5/8 - 11x2.00 HH GR8 Z	4
25.	72063119	WASHER 5/8 FLAT	8
26.	72062233	NUT 5/8-11 HEX TOP LOCK GR8	4
27.	70048148	FILTER ELEMENT, SUCTION	1
28.	73052092	FILTER ELEMENT, RETURN	1



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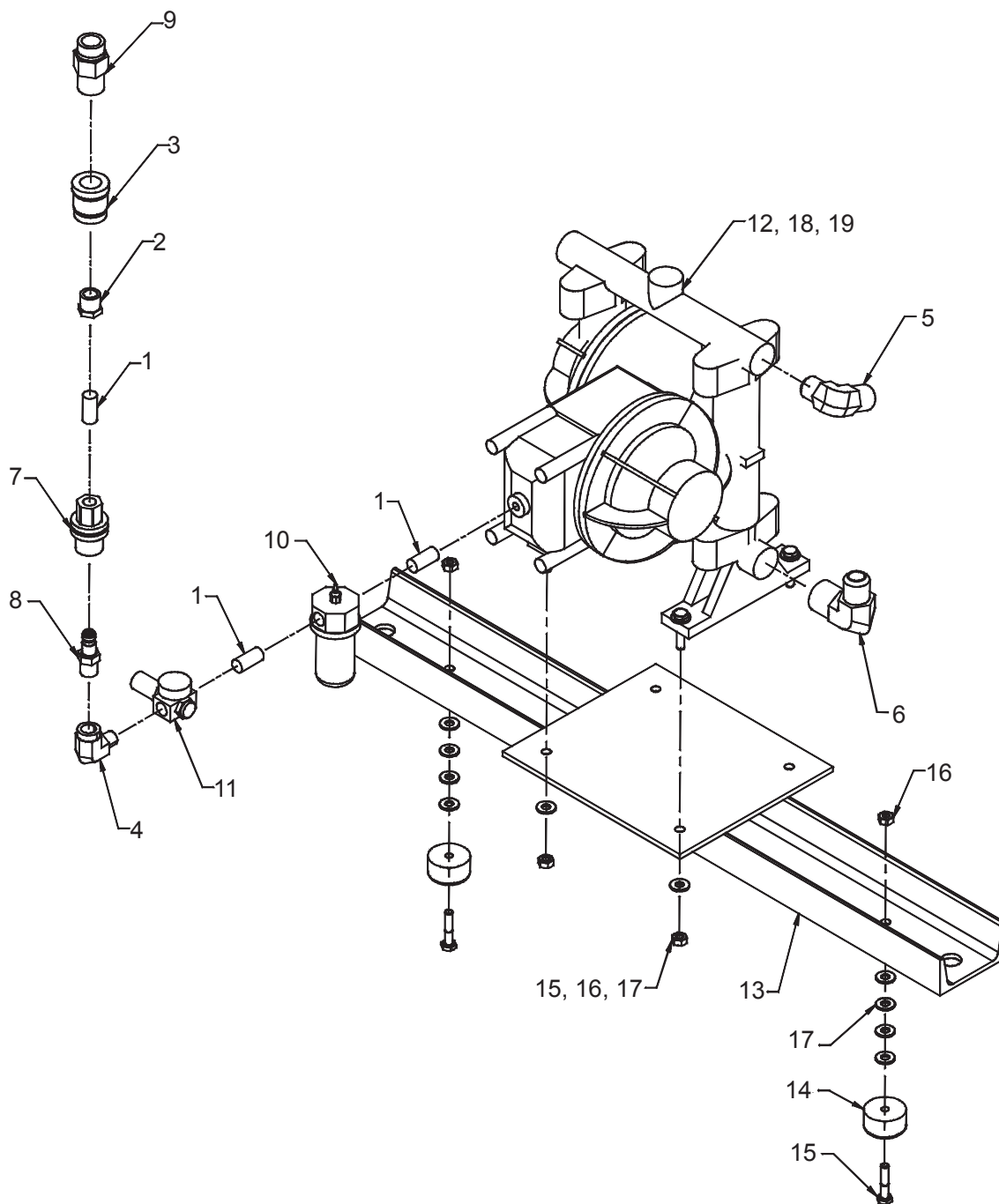
PUMP ASM (51716806)

1.	72053013	NIPPLE - PIPE BLK 1/4xCLOSE	3
2.	72053372	REDUCER BUSH - BLK 3/8-1/4	1
3.	72053433	COUPLING - RED BLK 1/2-3/8	1
4.	72531131	ELBOW - STR STL 1/4x90°	1
5.	72531421	ELBOW - MPT/90/M JIC 1/2 8	1
6.	72531426	ELBOW - MPT/90/M JIC 1/2 12	1
7.	72532021	QUICK DISCONNECT 1/4 FPT	1
8.	72532047	NIPPLE - DISC 1/4 FPT	1

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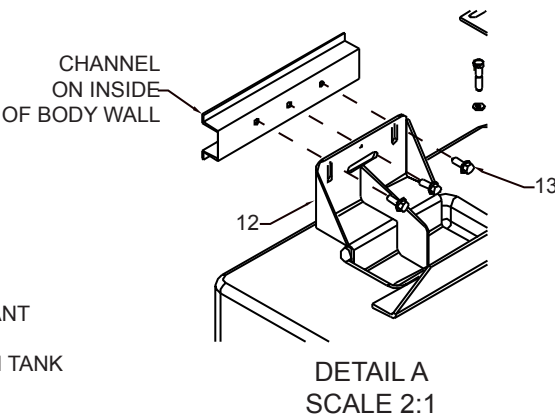
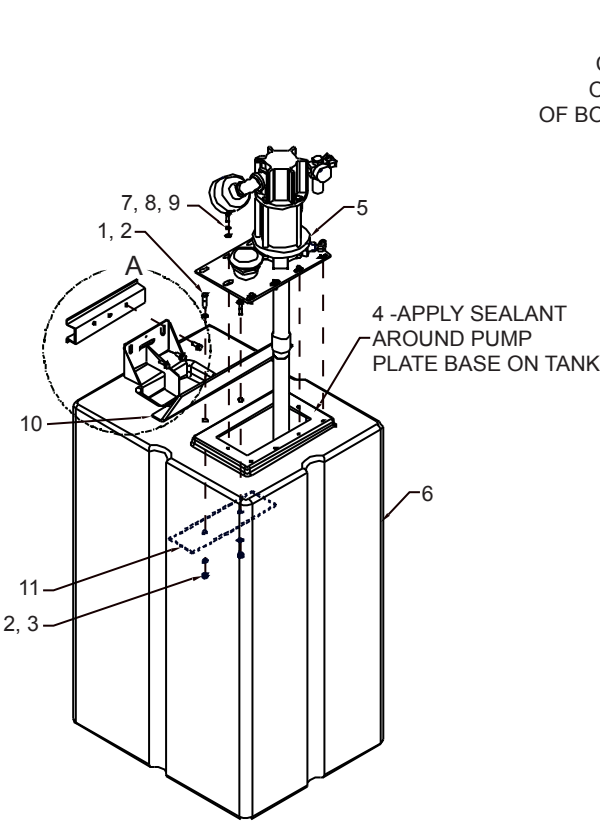
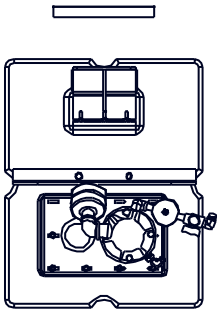
SECTION 3. SYSTEMS

9.	72533716	PUSH LOC - FTG STR 5/8x1/2	1
10.	73052109	LUBRICATOR 1/4"	1
11.	73052110	REGULATOR 1/4" W/GAUGE	1
12.	70733820	PUMP DIAPHRAGM - 1/2"	1
13.	52716748	WELDMENT - 55 GAL	1
14.	70392190	BUMPER - RUBBER	2
15.	72060005	CAP SCR 1/4-20x1.25 HHGR5	6
16.	72062104	NUT 1/4-20 HEX LOCK	6
17.	72063001	WASHER 1/4 WRT	16
18.	94074104	637140-AA FLUID SECT KIT	1
19.	94074105	637141-AIR SECTION KIT	1



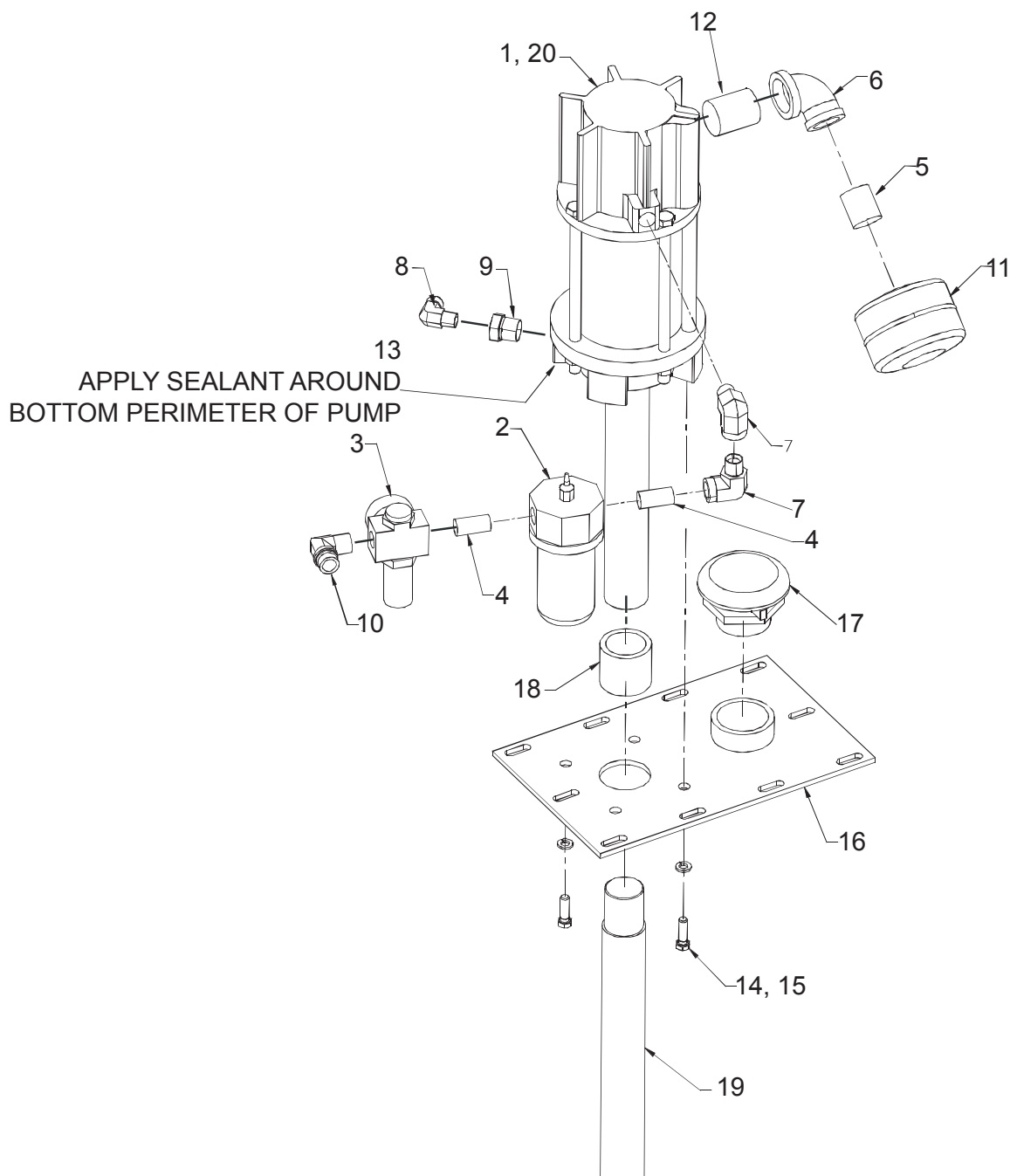
OIL TANK ASSEMBLIES
A. 75 GAL (51716944)
B. 135 GAL (51716866)
C. 190 GAL (51716867)

		A	B.	C.
1.	72060049 CAP SCR 3/8-16 x 1.75		2	2
2.	72063003 WASHER 3/8 WRT		4	4
3.	72062103 NUT 3/8 - 16 HEX		2	2
4.	70086186 SEALANT - RTV MULTI-PURP.	REF	REF	REF
5.	51716805 OIL PUMP ASM	1	1	1
6.	73052114 MD LUBE-TANK - 190 GAL OIL HDPE			1
	73052115 MD LUBE - TANK 135 GAL OIL HDPE		1	
	73052126 MD LUBE- TANK 75 GAL OIL HDPE	1		
7.	72060025 CAP SCR 5/16-18 X 1.00	10	10	10
8.	72063050 WASHER 5/16 LOCK	10	10	10
9.	72063002 WASHER 5/16 WRT	10	10	10
10.	60123321 TANK STIFFENER 22" -135 GAL		1	
	60123322 TANK STIFFENER 31.5" -190 GAL TANK			1
11.	60123323 TANK SUPPORT TANK		1	1
12.	52716747 BRKT - TANK HOLD DOWN	1	1	1
13.	72601773 SCR - SELF TAP 3/8 x 1.00 HWH	3	3	3



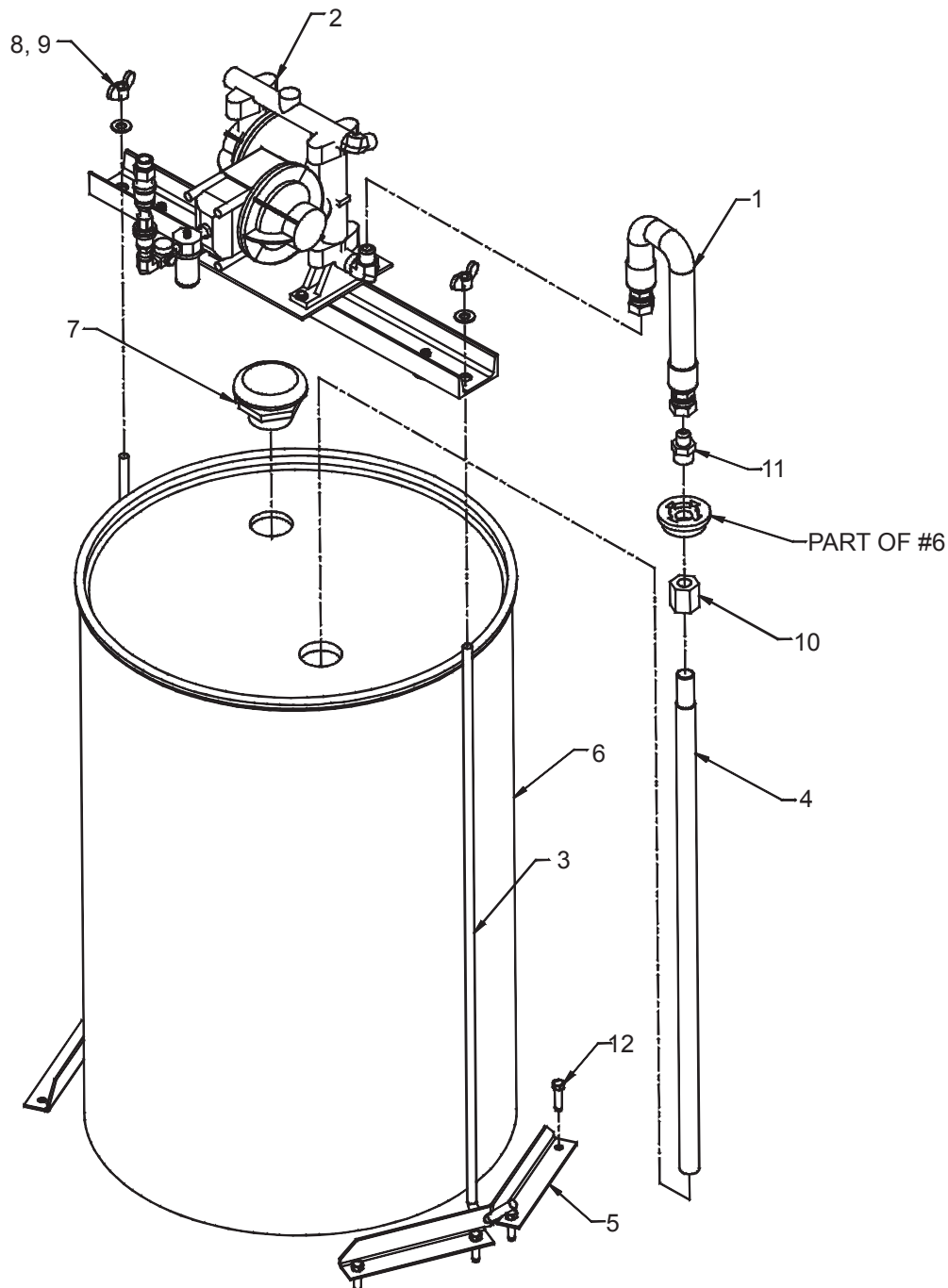
OIL PUMP ASM (51716805)

1.	73052103	OIL PUMP - AIR DRIVEN	1	11.	73052121	MUFFLER - AIR	1
2.	73052107	LUBRICATOR 1/2"	1	12.	72533728	NIPPLE - IPE GLV 1.25 x CLOSE	1
3.	73052108	REGULATOR 1/2" W/GAUGE	1	13.	70086186	SEALANT - RTV MULTI - PURPOSE BLACK	REF
4.	72601759	NIPPLE - PIPE GLV 1/2xCLOSE	2	14.	72060047	CAP SCR 3/8-16 x 1.25	4
5.	72053198	NIPPLE - PIPE GVL 1.00xCLOSE	1	15.	72063051	WASHER 3/8 LOCK	4
6.	72533724	ELBOW - RED GLV 1.25 - 1.00 x 90°	1	16.	52716596	PLATE - WLDMT PUMP/FILL	1
7.	72531133	ELBOW - STR STL 1/2x90°	2	17.	70732184	VENTED CAP 2"	1
8.	72531421	ELBOW - MPT/90/M JIC .50 8	1	18.	72053308	COUPLING - PIPE BLK 1.50	1
9.	72531833	REDUCER BUSH - STL 3/4-1/2	1	19.	60123304	PIPE - TANK SUCTION	1
10.	72533717	PUSH LOC - FTG ELBOW 5/8x1/2 MPT	1	20.	94074106	61053 SERVICE KIT	1



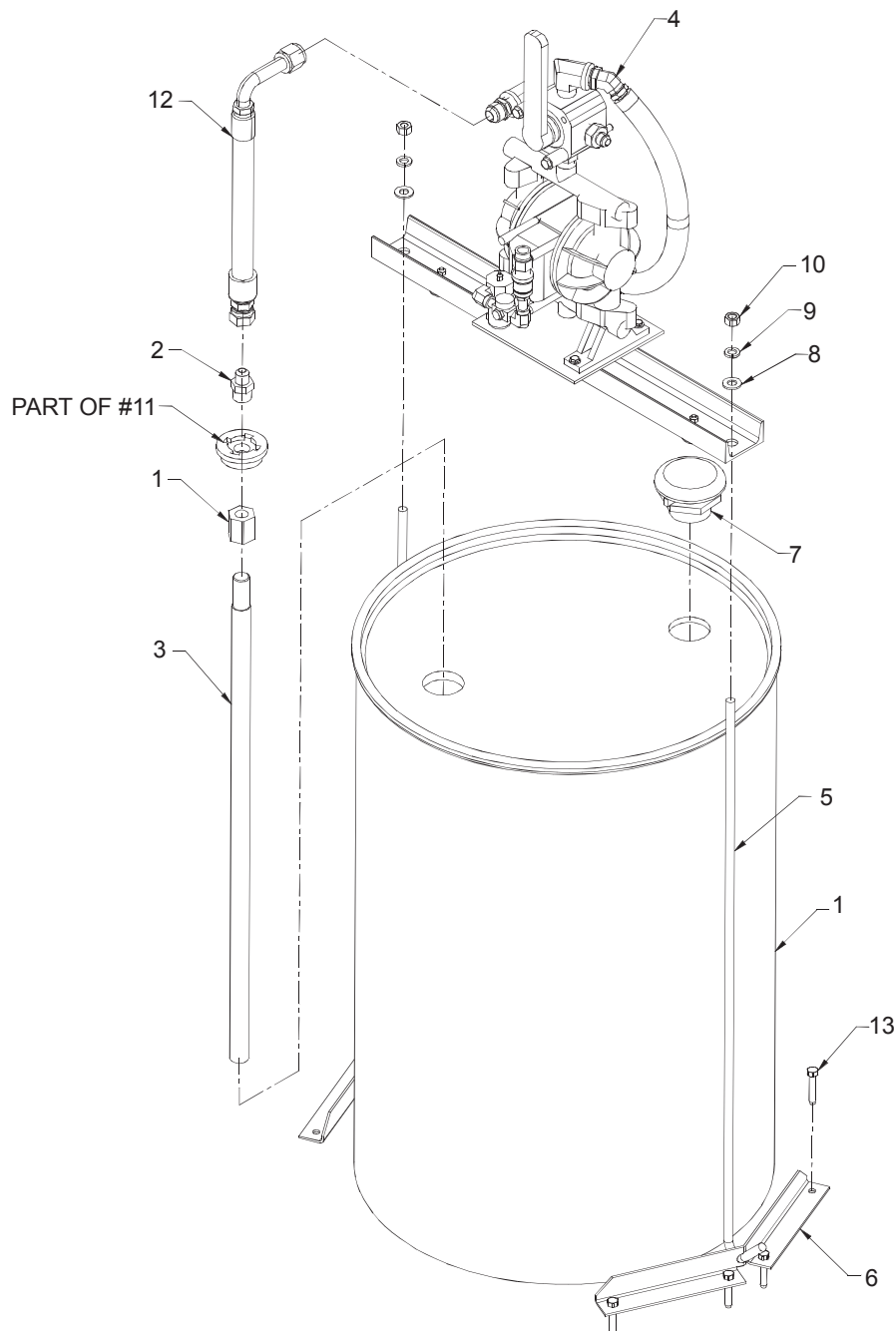
ANTIFREEZE TANK ASM (51716868)

1.	51396032	HOSE FF 3/4 x 26.00 12-12	1
2.	51716806	PUMP ASM - ANTIFREEZE	1
3.	60123313	LUBE - ROD 55 GAL	
		BARREL TIE DOWN	2
4.	60123337	3/4 PIPE BLK	1
5.	60123338	DRM LOCATOR 400#	2
6.	73052123	MD LUBE - 55 GAL PLASTIC	
		BARREL	1
7.	70732184	VENTED CAP 2" 50	1
8.	72063005	WASHER 1/2 WRT	2
9.	72601771	NUT 1/2-13 WING	2
10.	72053472	COUPLING - STL 3/4 HEX	1
11.	72053676	ADPTR-MPT/M JIC 3/4-12	1
12.	72601769	SCREW - LAG, 3/8 x 2.00	8



ANTIFREEZE / SALVAGE TANK ASM (51716869)

1.	72053472	COUPLING-STL 3/4 HEX	1
2.	72053676	ADPTR - MPT/M JIC 3/4-12	1
3.	60123337	PIPE-BLK 3/4 x 33.00	1
4.	51716807	PUMP ASM - ANTIFREEZE SALVAGE	1
5.	60123313	ROD - 55 GAL BARREL TIE DOWN	2
6.	60123338	DRUM LOCATOR 400 #	2
7.	70732184	VENTED CAP-2"	1
8.	72063005	WASHER 1/2 WRT	2
9.	72063053	WASHER 1/2 LOCK	2
10.	72062004	NUT 1/2-13 HEX	2
11.	73052123	55 GAL PLASTIC BARREL	1
12.	51396059	HOSE - FZ 3/4 x 12.00 OAL (12-12)	1
13.	72601769	SCREW - LAG, 3/8 x 2.00	8



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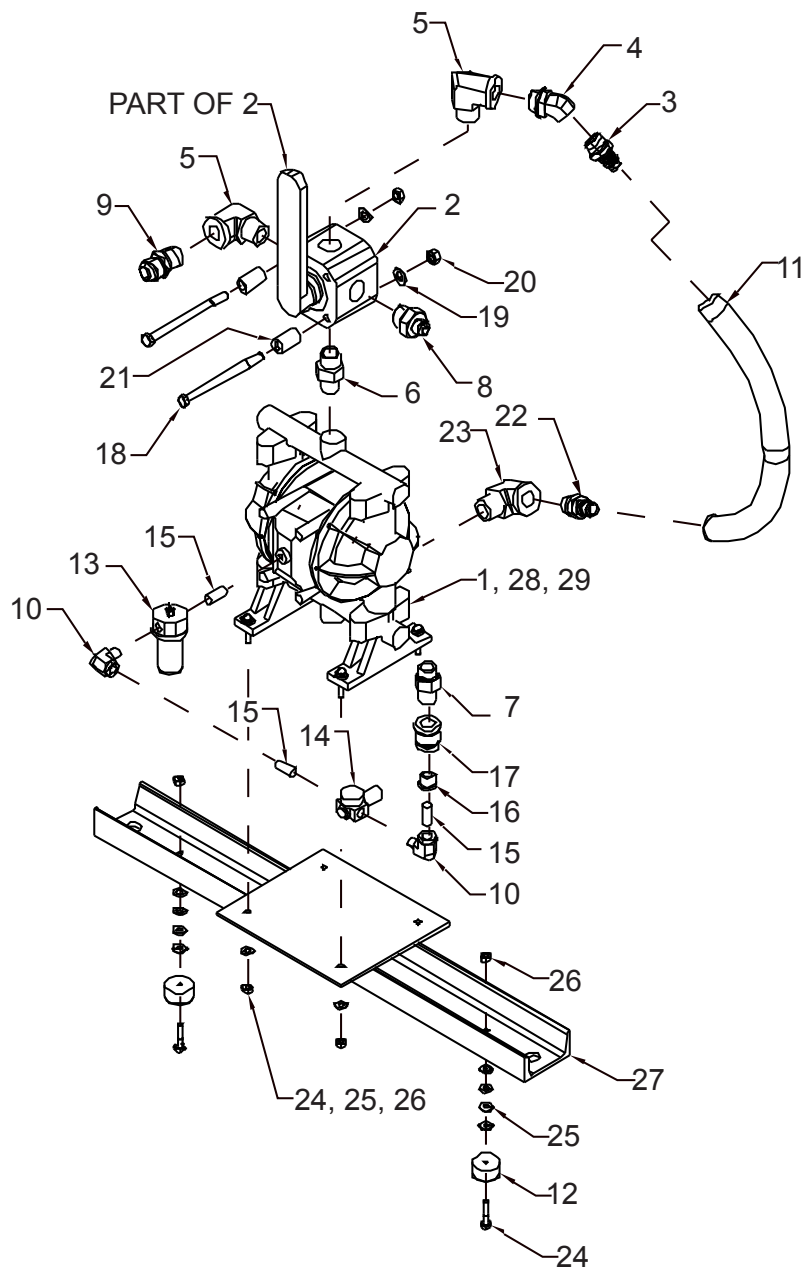
AF SALV PUMP ASM (51716807)

1.	70733820	PUMP DIAPHRAGM 1/2"	1
2.	70733574	VALVE - 4WAY FMM	
		3/4FPT 1.0FPT	1
3.	72053458	NIPPLE - BARB BRS 3/4 MPT 3/4	1
4.	72053535	ELBOW - STREET STL 3/4 X 45°	1
5.	72053556	ELBOW - STREET STL .75 X 90°	2
6.	72054726	ADPTR - 3/4 MPT /HEX/ 1/2 MPT	1
7.	72533716	PUSH LOC - FTG STR	
		5/8 x 1/2 MPT	1
8.	72053671	ADPTR - MPT/M JIC 3/4 - 8	1
9.	72054676	ADPTR - MPT/M JIC 3/4 - 12	1
10.	72531131	ELBOW - STREET STL 1/4x90°	2
11.	89393634	HOSE - HYD 3/4 100R4 881 - 12	1.41FT
12.	70292190	BUMPER - RUBBER	2
13.	73052109	LUBRICATOR 1/4" IN LINE	1
14.	73052110	REGULATOR 1/4" W/GAUGE	1

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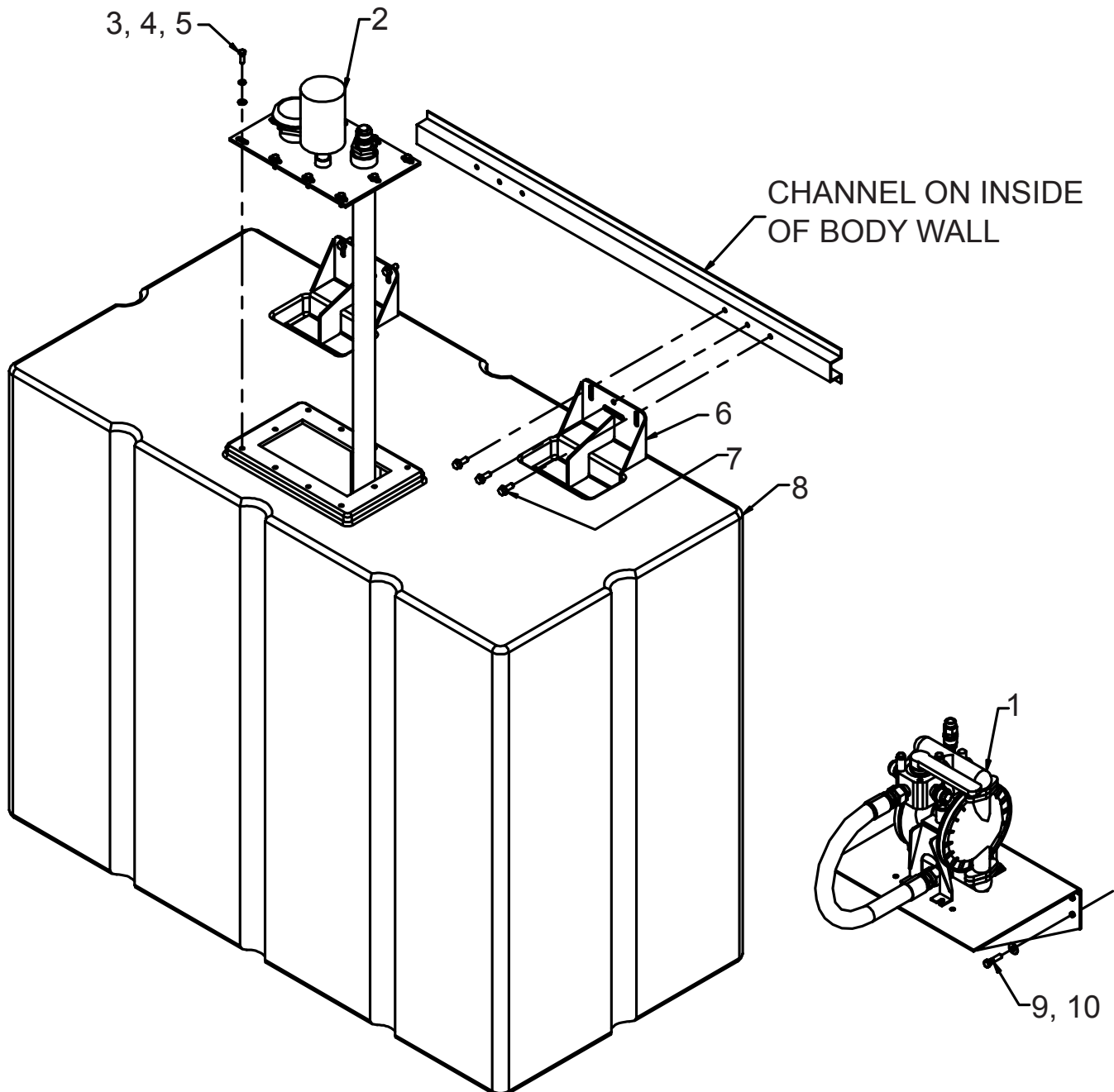
15.	72053013	NIPPLE - PIPE BLK 1/4xCLOSE	3
16.	72053372	REDUCER BUSH - BLK 3/8 -.25	1
17.	72053433	COUPLING - RED BLK 1/2-3/8	1
18.	72060058	CAP SCR 3/8 X 5.00 HH GR5 Z	2
19.	72063003	WASHER 3/8 WRT	2
20.	72062103	NUT 3/8 NYLOC	2
21.	72053302	COUPLING - BLK 1/4	2
22.	72533645	NIPPLE - BARB BRS 1/2MPT 3/4	1
23.	72531133	ELBOW - STREET STL 1/2x90°	1
24.	72060005	CAP SCR 1/4-20x1.25 HHGR5	6
25.	72063001	WASHER 1/4 W FLAT	16
26.	72062104	NUT 1/4-20 HEX NYLOC	6
27.	52716748	WLDMT - 55 GAL BARREL	
28.	94074104	KIT	1
29.	94074105	KIT	1
	N/S 72066000	CLAMP - HOSE 1/2-1.25	2
	N/S	TIE DOWN	2
		(NOT SHOWN)	

SECTION 3. SYSTEMS



OIL / SALVAGE TANK (51716870)

- | | | | |
|-----|----------|----------------------------------|----|
| 1. | 51716808 | PUMP ASM-OIL SALVAGE | 1 |
| 2. | 51716809 | COVER PLATE ASM-OIL SALVAGE | 1 |
| 3. | 72063002 | WASHER 5/16 WRT | 10 |
| 4. | 72063050 | WASHER 5/16 LOCK | 10 |
| 5. | 72060025 | CAP SCR 5/16-18 x 1.00 | 10 |
| 6. | 52716747 | BRKT - TANK HOLD DOWN | 2 |
| 7. | 72601773 | SCR - SELF TAP 3/8 x 1.00 HWH | 6 |
| 8. | 73052113 | MD LUBE - TANK 350 GAL SALV HPDE | 1 |
| 9. | 72601774 | SCR - SELF TAP 3/8x1.50 HWH | 4 |
| 10. | 72063003 | WASHER 3/8 WRT | 4 |



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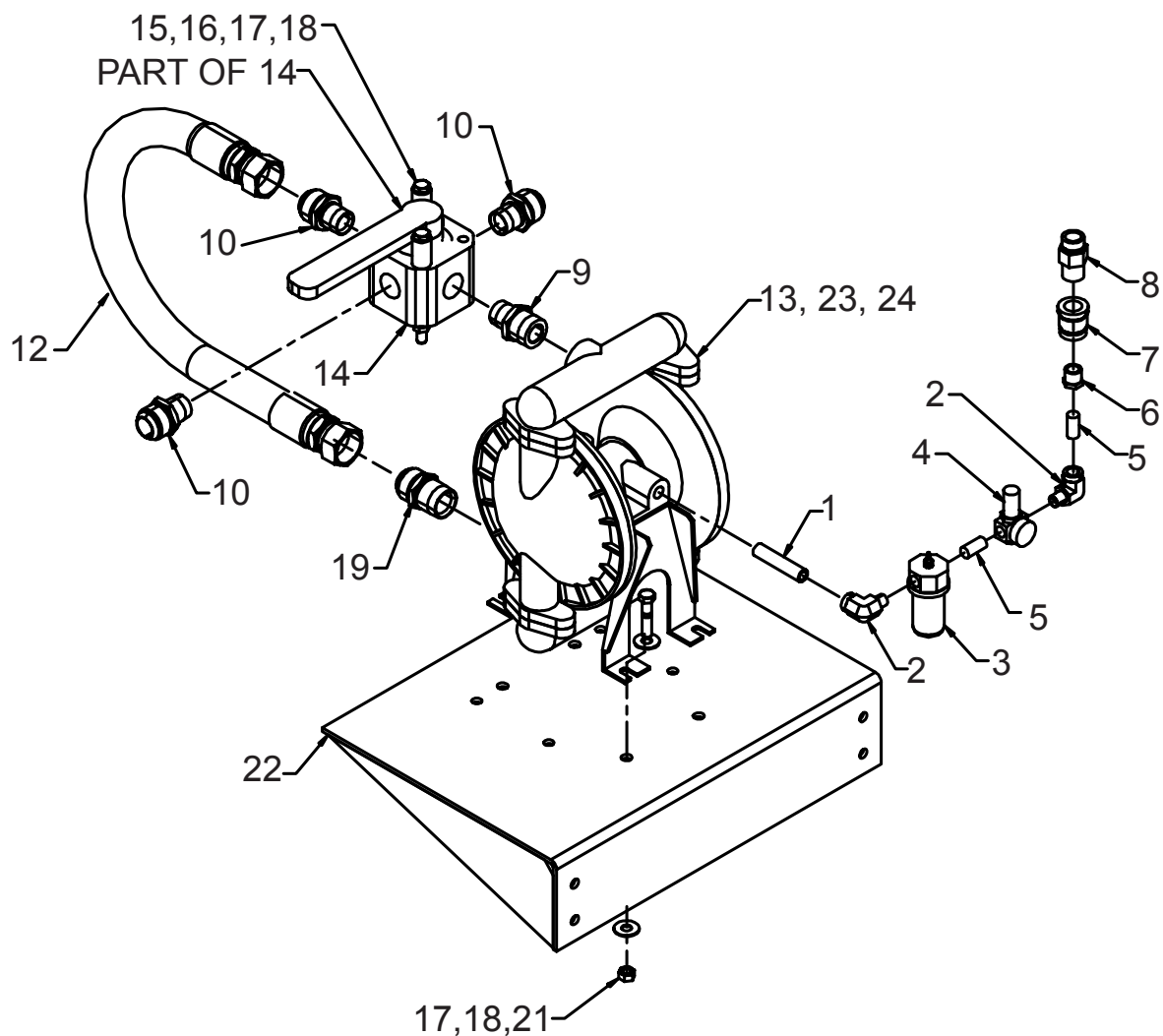
OIL SALV PUMP ASM (51716808)

1.	72053016	NIPPLE - IPE BLK 1/4x1/4	1
2.	72531131	ELBOW - STR STL 1/4x90°	2
3.	73052109	LUBRICATOR 1/4	1
4.	73052110	REGULATOR 1/4 W/GAUGE	1
5.	72053013	NIPPLE - PIPE BLK 1/4xCLOSE	2
6.	73053372	REDUCER BUSH - BLK 3/8-1/4	1
7.	72053433	COUPLING - RED BLK 1/2x3/8	1
8.	72533716	PUSH LOC - FTG STR 5/8x1/2 MPT	1
9.	72053727	ADPTR - 1MPT HEX 3/4MPT	1
10.	72053679	ADPTR - MPT/MJIC 3/4 - 16	3

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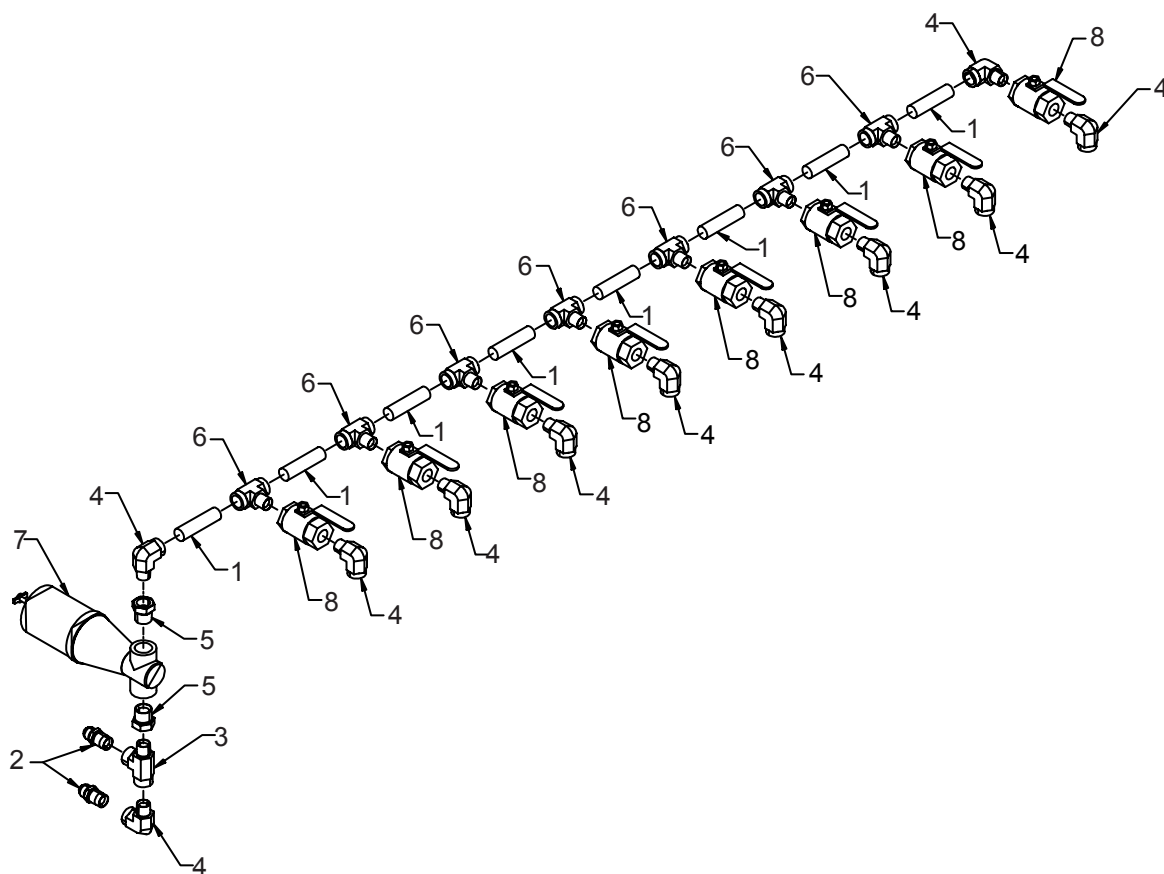
SECTION 3. SYSTEMS

12.	51396031	HOSE - FF 1.00X 29.00 OAL (16-16)	1
13.	73052106	PUMP - DIAPHRAGM 1"	1
14.	70733574	VALVE - 4 WAY FMM 3/4FPT	1
		1.0 FPT	1
15.	72060058	CAP SCR 3/8 X 5.00 HH GR5 Z	2
16.	72053302	COUPLING - BLK 1/4	2
17.	72063003	WASHER 3/8 WRT	10
18.	72062103	NUT 3/8 NYLOC	6
19.	72053680	ADPTR - MPT/MJIC 1.00 - 16	1
21.	72060049	CAP SCR 3/8 X 1.75 HH GR5 Z	4
22.	52716856	SALVAGE PUMP BRACKET	1
23.	94074107	637119-22-C FLUID SECTION KIT	1
24.	94074108	637118-C AIR SECTION KIT	1



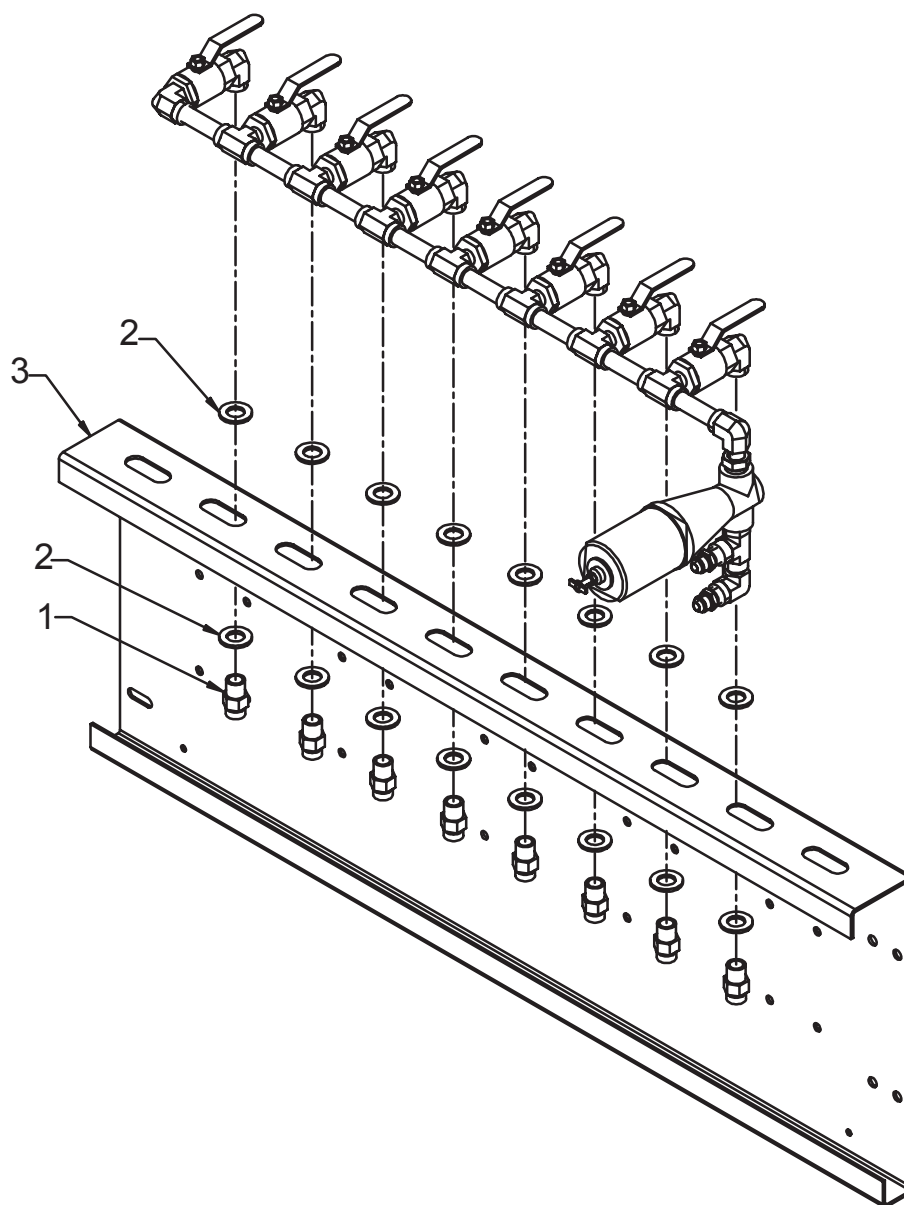
CONTROL VALVE ASM (99903287-1)

1.	72053120	NIPPLE - PIPE GLV 1/2 X 3.00	8
2.	72053497	ADAPTER 1/2 MPT #8MJIC	2
3.	72053612	TEE-STL 1/2	1
4.	72531133	ELBOW STR 1/2 x 90°	11
5.	72531833	REDUCER BUSHING 3/4x1/2	2
6.	72533712	TEE-BRANCH 3/4	7
7.	73052112	LUBE-AIR FILTER 3/4	1
8.	73054192	BALL VALVE 1/2	8



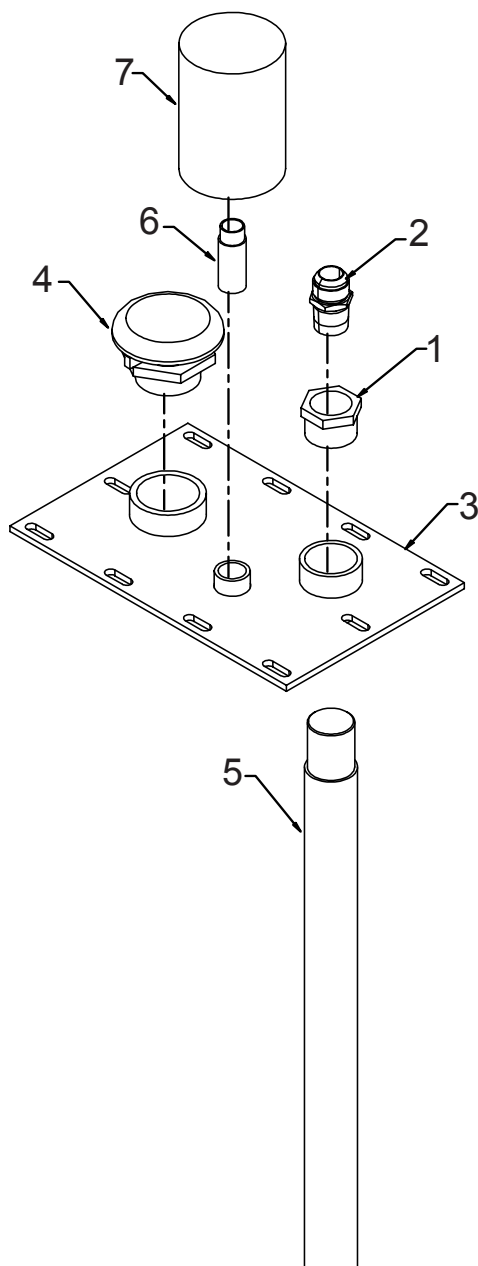
CONTROL VALVE TO SHELF ASM (99903287-2)

- | | | | |
|----|----------|------------------------------|-----|
| 1. | 72533718 | PUSH-LOC FTG STR 5/8x1/2 MPT | 8 |
| 2. | 72063116 | WASHER 3/4 N FLAT H | 16 |
| 3. | 60123297 | REEL SHELF | REF |



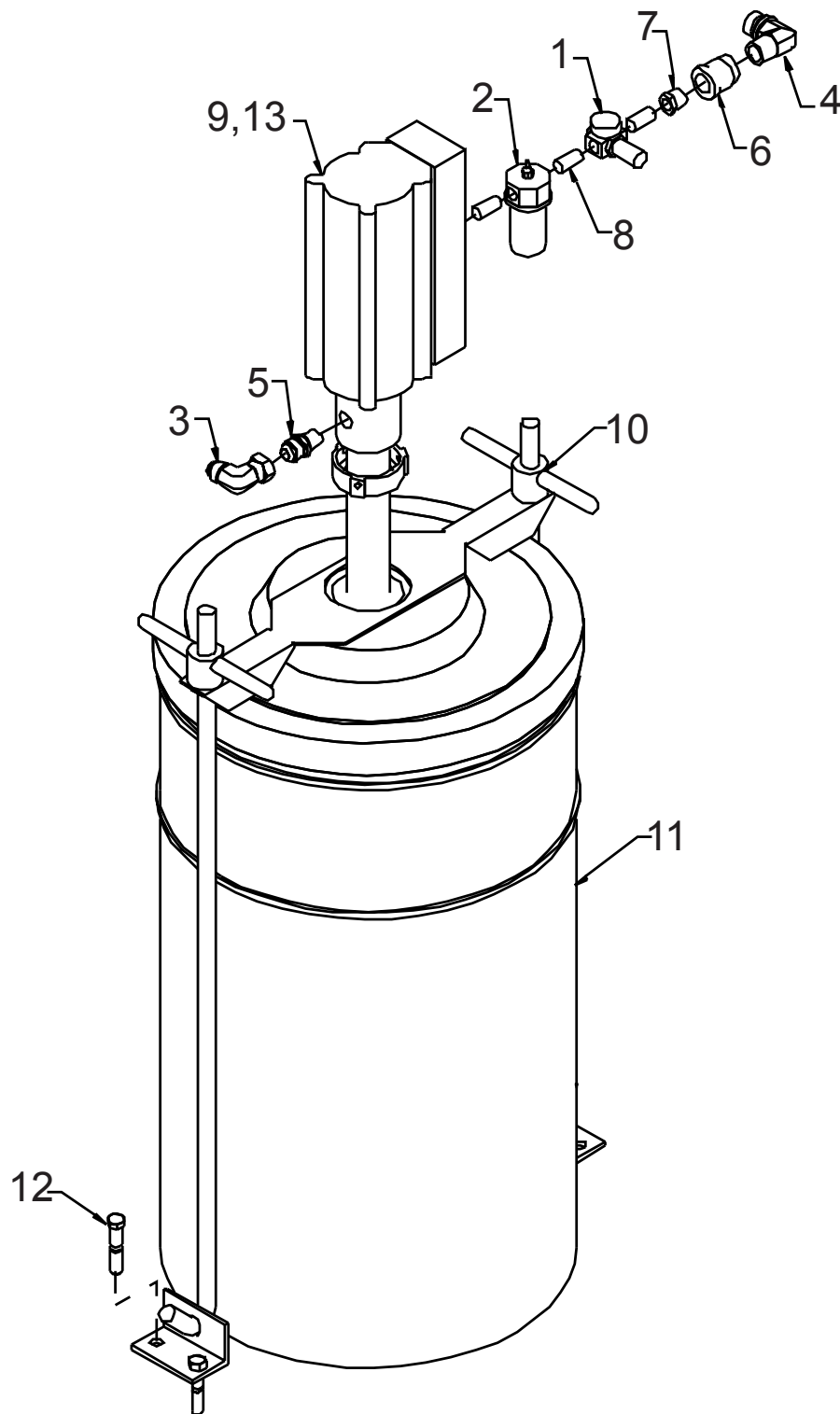
TANK PLATE ASM (51716809)

- | | | | |
|----|----------|-----------------------------|---|
| 1. | 72053578 | RED. BUSH - BLK 1.50 - 1.00 | 1 |
| 2. | 72053680 | ADAPTER MPT/M JIC 1.00-16 | 1 |
| 3. | 52716745 | PLATE - FILL /SUCTION | 1 |
| 4. | 70732184 | VENTED CAP 2" | 1 |
| 5. | 60123303 | PIPE - TANK SUCTION | 1 |
| 6. | 72533514 | ADAPTER, BREATHER FILTER | 1 |
| 7. | 73054974 | FILTER, BREATHER FILTER | 1 |



GREASE PUMP ASM (51716825)

1.	73052110	MD LUBE - REGULATOR 1/4" W/GAUGE	1	7.	72053372	REDUCER BUSH - BLK 3/8 -1/4	1
2.	73052109	MD LUBE - LUBRICATOR 1/4" IN LINE	1	8.	72053013	NIPPLE - PIPE BLK 1/4xCLOSE	3
3.	72532658	ELBOW - #8MJIC #8FJIC SW	1	9.	73052104	MD LUBE - PUMP GREASE PACKAGE AIR DRIVEN	1
4.	72533717	FITTING-PUSH LOC ELBOW 5/8X1/2 MPT	1	10.	73052116	GREASE HOLD DOWN KIT	1
5.	72053670	ADPTR - MPT/MJIC 3/8 - 8	1	11.	70143874	DRUM - EMPTY 120# GREASE	1
6.	72053433	COUPLING - RED BLK 1/2-3/8	1	12.	72601769	SCREW - LAG 3/8 X 2.00	4
				13.	94074109	637227-B REBUILD KIT	1



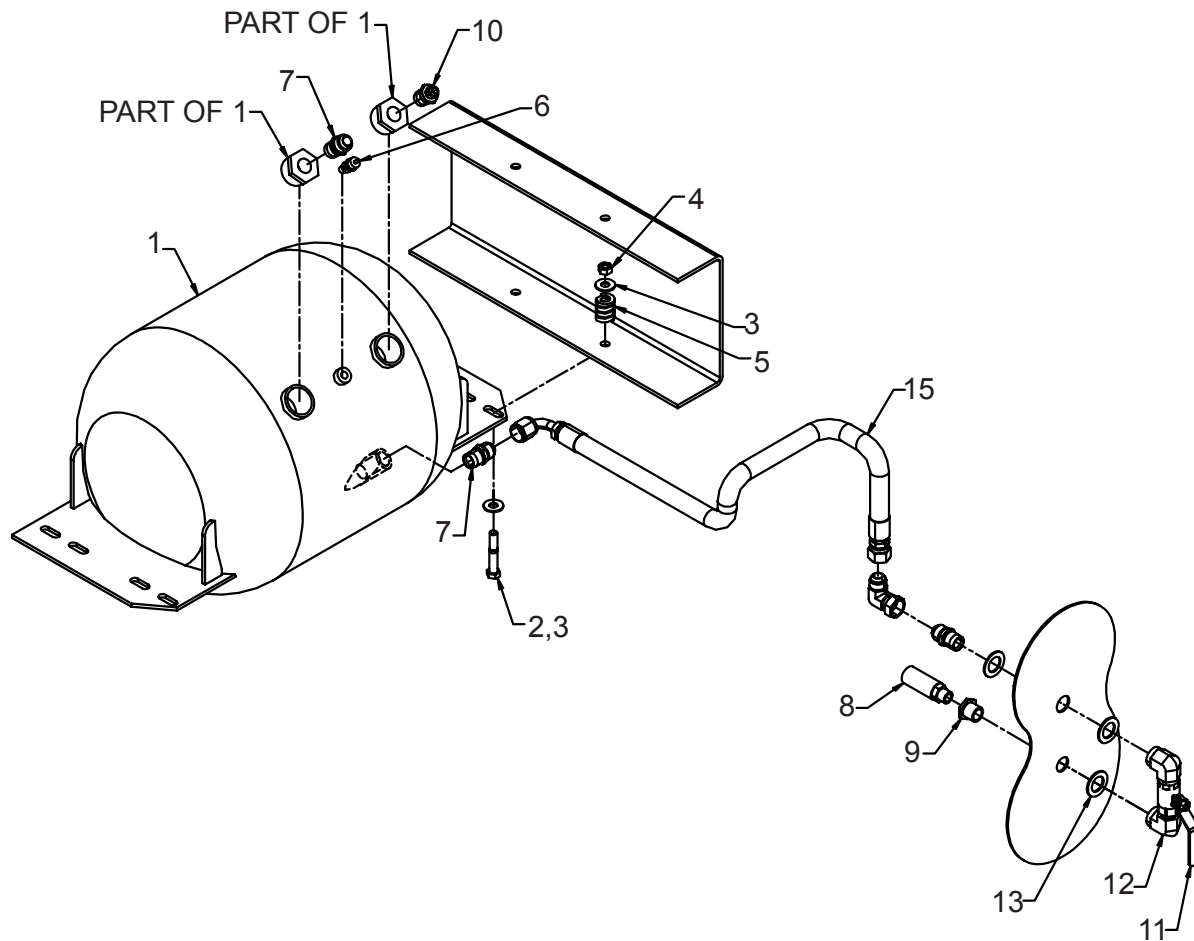
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SECTION 3. SYSTEMS

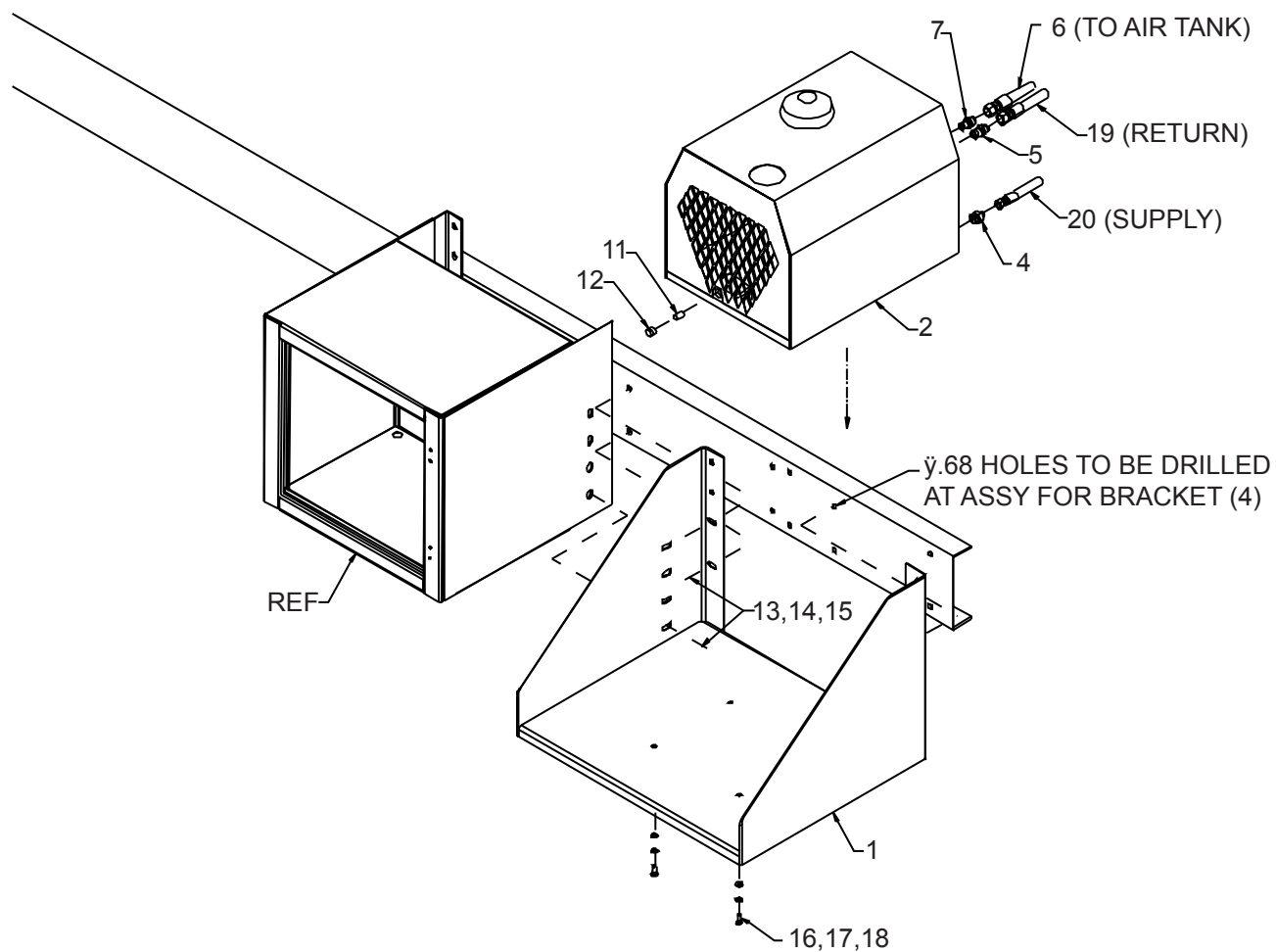
AIR TANK KIT 22.5 GALLON (51716824)

1.	70733568	AIR TANK	1	8.	70396133	MUFFLER AIR 3/4" NPT	1
2.	72060097	CAP SCR 1/2x3.00	4	9.	72053375	REDUCER BUSHING BLK 3/4-1/2	1
3.	72063005	WASHER 1/2 FLAT	8	10.	72053671	ADPTR - MPT/MJIC 3/4-8	1
4.	72062080	NUT 1/2 NYLOC	4	11.	73054230	BALL VALVE 3/4 NPT	1
5.	70144807	SPRING	4	12.	72053556	STREET ELBOW - 3/4" NPT 90°	2
6.	73054032	SAFETY VALVE	1	13.	72063066	WASHER 1.00	3
7.	72053676	ADPTR - MPT/MJIC 3/4 - 12	3	14.	72532696	ELBOW - #12MJIC #12FJIC SW	1
				15.	51396024	HOSE - FJ 3/4x96.00 OAL (12-12)	1



COMPRESSOR ASM (51716902-1)

1.	52716909	COMPARTMENT-COMPRESSOR	1
2.	20013	DA435HA COMPRESSOR	1
4.	72532360	ADPTR #12MSTR #8MJIC	1
5.	72053676	ADPTR MPT/MJIC 3/4-12	1
6.	51396060	HOSE-FF 3/4x24.00 OAL (12-12)	1
7.	72053675	ADPTR-MPT/HEX/JIC 1/2-12	1
11.	72053049	NIPPLE-PIPE BLK 3/8xCLOSE	1
12.	72053809	CAP-PIPE BLK 3/8	1
13.	72060151	CAP SCREW 5/8-11x2.00 GR8	8
14.	72063119	WASHER 5/8 WRT	16
15.	72062233	NUT 5/8-11 HEX TOP LOCK	8
16.	72063003	WASHER 3/8 W FLAT	4
17.	72060046	CAP SCREW 3/8x1.00 HH GR5 Z	4
18.	72063051	WASHER 3/8 LOCK	4
19.	51394915	HOSE-FF 3/4x48.00 OAL (12-12)	1
20.	51394524	HOSE-FF 1/2x67.00 OAL (8-8)	1

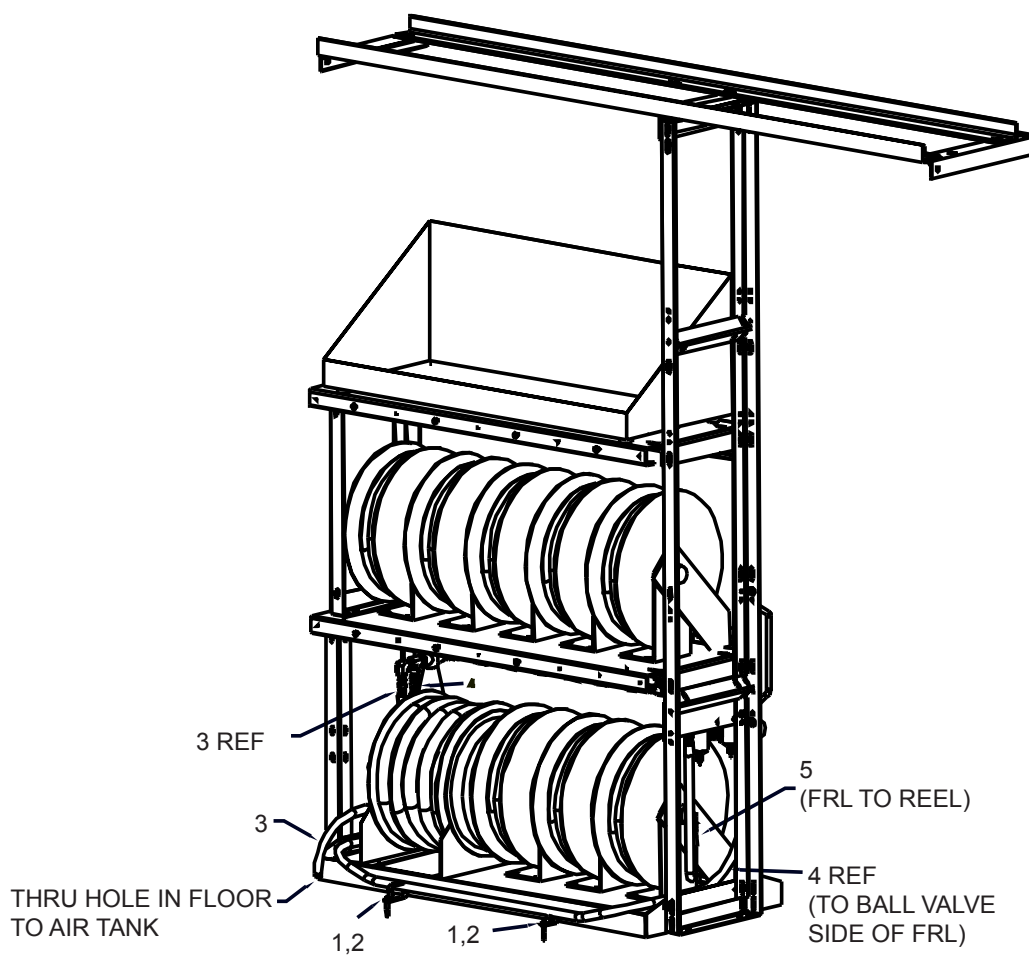


HOSE ROUTING - AIR (51716902-2)

1.	72066581	CLAMP UMP20	2
2.	72601769	SCREW-LAG 3/8X2.00	2
3.	51394257	HOSE-FF .50X93.00 OAL(8-8)	1
4.	51394916	HOSE-FF .50X99.00 OAL(8-8)	1
5.	51395014	HOSE-FF .50X24.50 OAL(8-8)	1

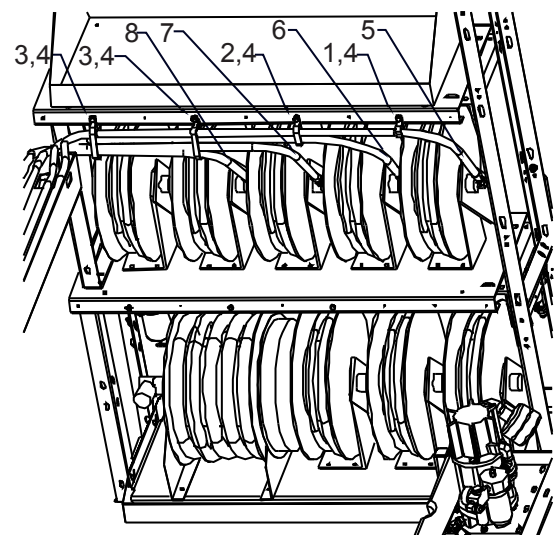
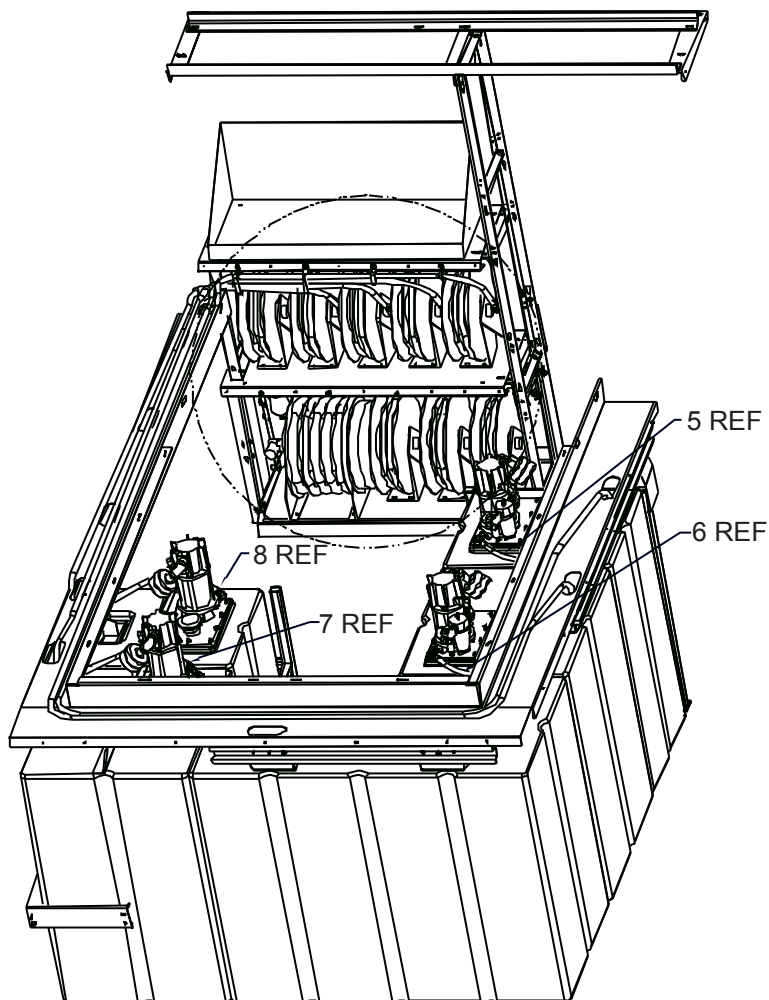
NOTE:

VIEW FROM INSIDE TRUCK



HOSE ROUTING OIL (HYD) (99903309-1)

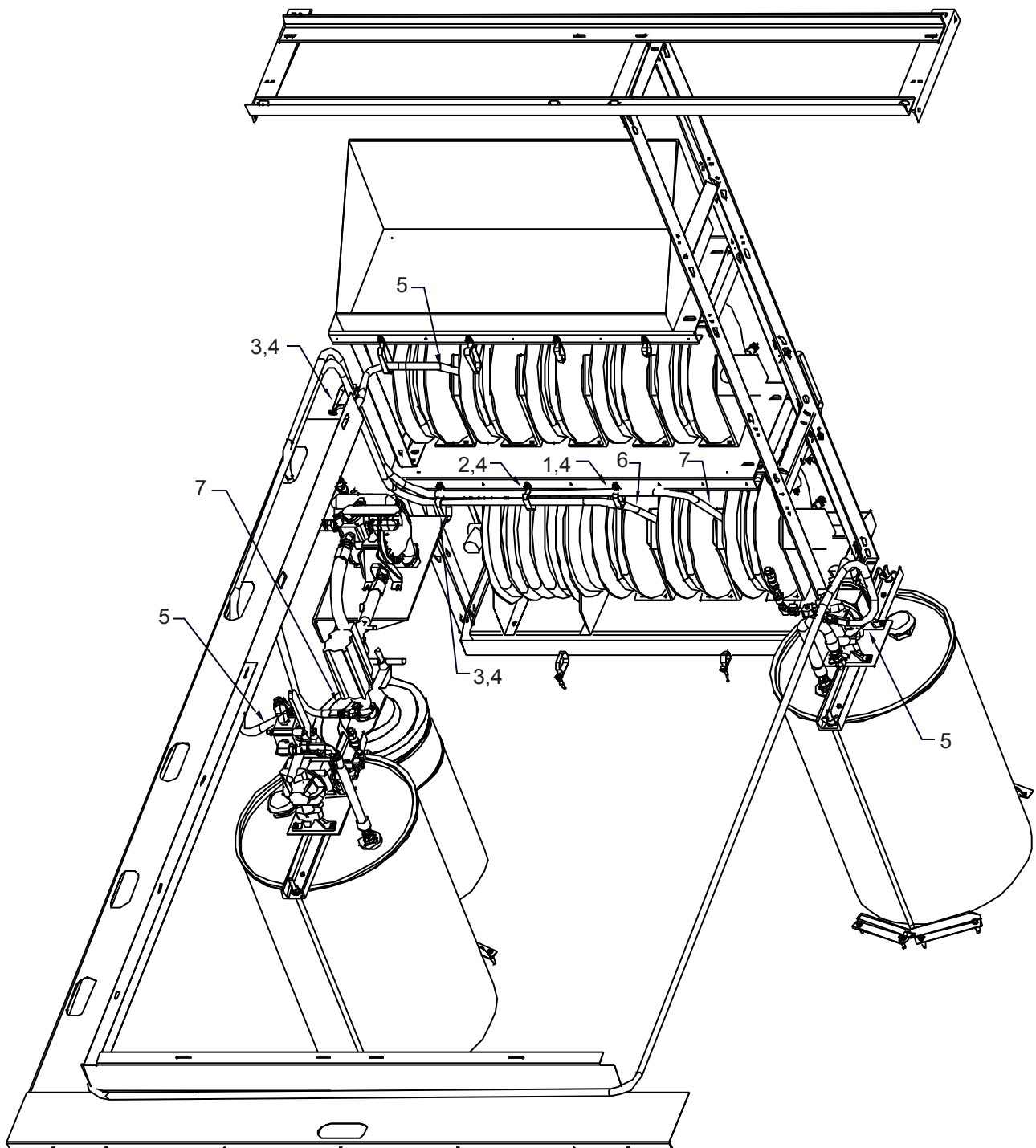
1.	72066581	CLAMP-UMP2D	1
2.	72066587	CLAMP-CUSHIONED 3 TUBE	1
3.	72066588	CLAMP-CUSHOINED 4 TUBE	2
4.	72060833	SCREW-THRD CUT 5/16-18x.75 HWH	4
5.	51396025	HOSE-FF 1/2x420.00 OAL (8-8) (OIL #1)	1
6.	51396026	HOSE-FF 1/2x328.00 OAL (8-8) (OIL #2)	1
7.	51396027	HOSE-FF 1/2x186.00 OAL (8-8) (OIL #3)	1
8.	51396028	HOSE-FF 1/2x146.00 OAL (8-8) (OIL #4)	1



DETAIL A
SCALE 1.5:1

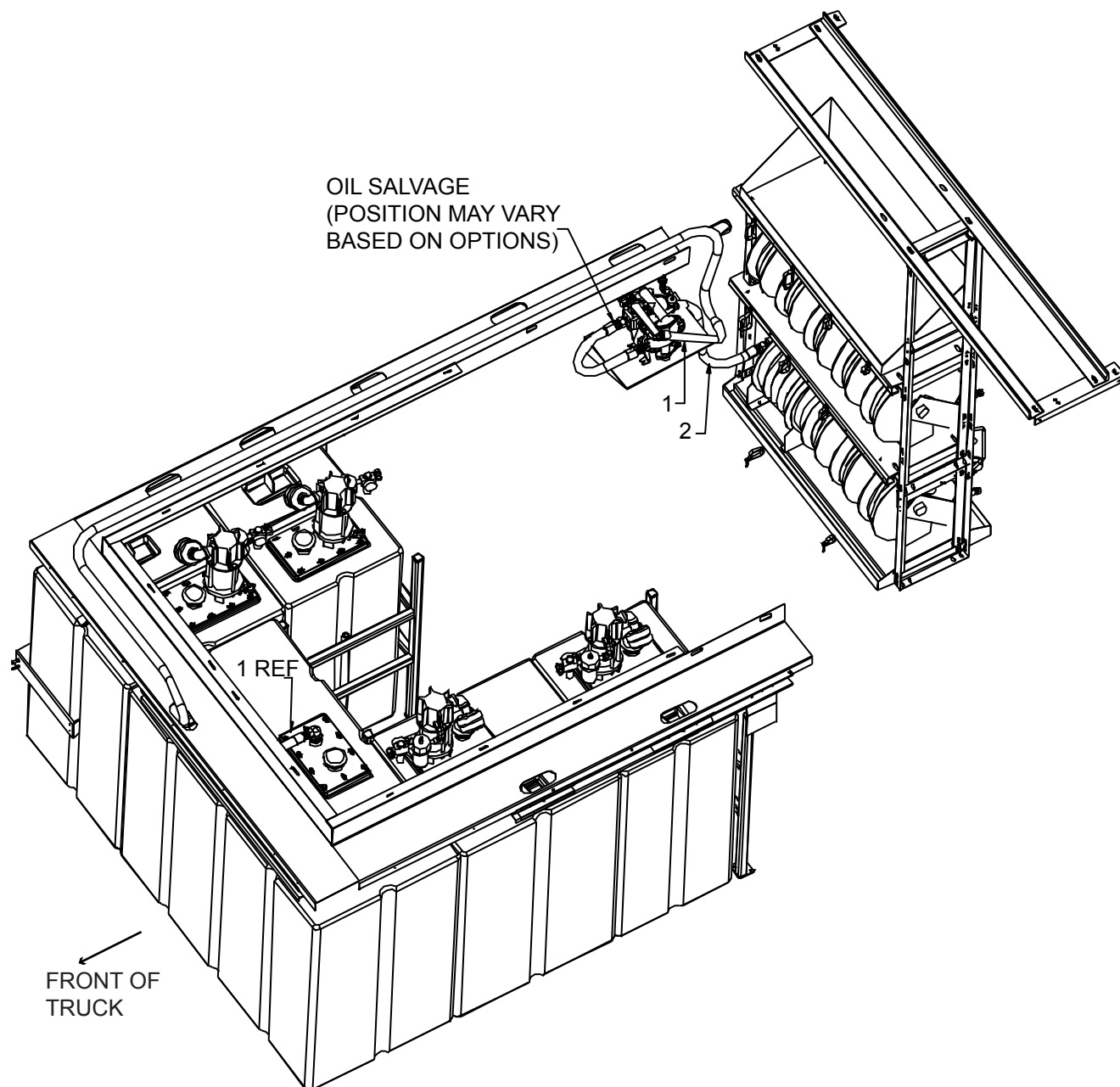
HOSE ROUTING AF/AF SALV/GRS (HYD) **(99903309-2)**

- | | | | |
|----|----------|------------------------------|---|
| 1. | 72066587 | CLAMP-CUSHIONED 3 TUBE | 1 |
| 2. | 72661350 | CLAMP-3/4 LOOP CUSHIONED | |
| | | 4 TUBE | 1 |
| 3. | 72661202 | CLAMP 3.00 LOOP CUSHIONED | 2 |
| 4. | 72060833 | SCREW-THRD CUT | |
| | | 5/16-18x.74 HWH | 4 |
| 5. | 51396033 | HOSE-FF 1/2x396.00 OAL (8-8) | |
| | | (AF) | 1 |
| 6. | 51396035 | HOSE-FJ 1/2x135.00 OAL (8-8) | |
| | | (AF SALV) | 1 |
| 7. | 51395596 | HOSE-FF 1/2x159.00 OAL (8-8) | |
| | | (GREASE) | 1 |



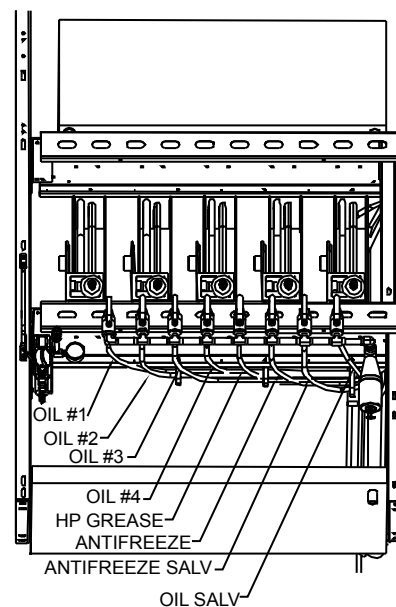
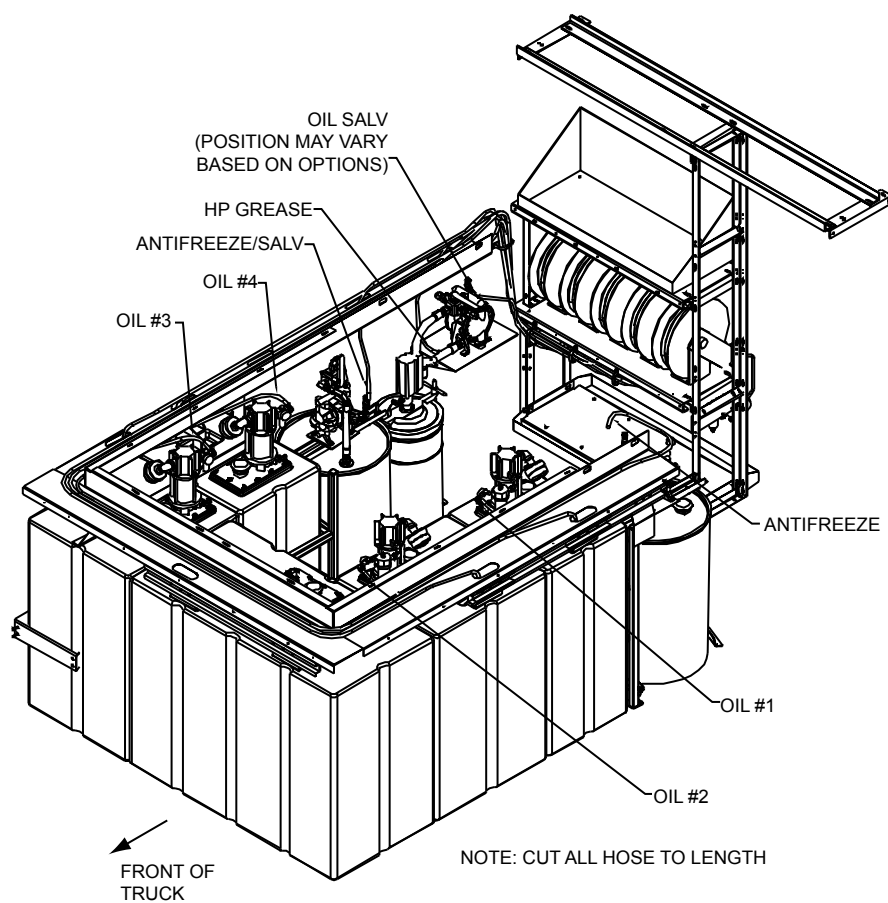
HOSE ROUTING OIL SALV (HYD) (99903309-3)

1. 51396029 HOSE-FF 1.00x240.00 OAL (16-16) 1
2. 51396030 HOSE-FF 1.00x33.00 OAL (16-16) 1



HOSE ROUTING PUSH LOCK (AIR) (99903309-4)

1. 70396015 TUBE-PUSHLOC 5/8 AIR 185 FT



SECTION 4. HOSE REELS

OIL HOSE REEL ASM (SINGLE PEDESTAL) (51716845)	3
HOSE REEL (70733502)	3
OIL HOSE REEL ASM (DUAL PEDESTAL) (51716976)	4
HOSE REEL -OIL 1/2" (70733031)	4
AF HOSE REEL ASM (SINGLE PEDESTAL) (51716846)	5
AF HOSE REEL ASM (DUAL PEDESTAL) (51716977)	5
HOSE REEL ASM (70733408)	6
AIR HOSE REEL ASM (SINGLE PEDESTAL) (51716847)	6
AIR HOSE REEL ASM (DUAL PEDESTAL) (51716978)	7
HOSE REEL-AIR .50" (70732954)	7
GREASE HOSE REEL ASM (SINGLE PEDESTAL) (51716848)	8
HOSE REEL (70733503)	8
GREASE HOSE REEL ASM (DUAL PEDESTAL) (51716979)	9
HOSE REEL-GREASE/WASH 3/8" (70733061)	9
OIL SALV HOSE REEL ASM (51716849)	10
HOSE REEL (70733504)	10
AF SALV HOSE REEL ASM (SINGLE PEDESTAL) (51716850)	11
AF SALV HOSE REEL ASM (DUAL PEDESTAL) (51716980)	11

PM LUBE: 99903326:

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NOTES

SECTION 4: HOSE REELS

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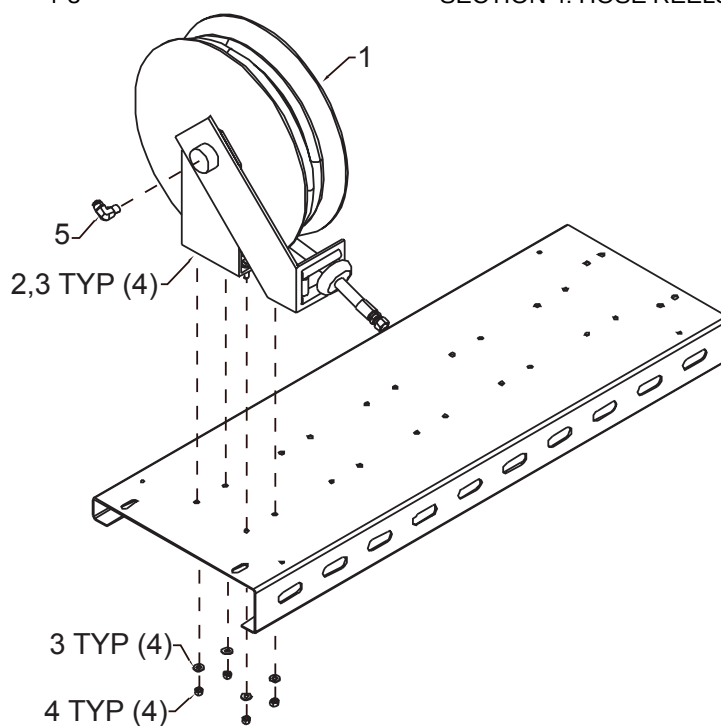
PM LUBE: 99903326: 20011215

OIL HOSE REEL ASM (SINGLE PEDESTAL)
(51716845)

1.	70733502	HOSE REEL 1/2" X 50'	1
2.	72060047	CAP SCR 3/8 -16X1.25HH GR5Z	4
3.	72063003	WASHER 3/8 WRT	8
4.	72062103	NUT 3/8-16 NYLOC	4
5.	72531421	ELBOW - MPT/90/M JIC 1/2"-8	1

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SECTION 4: HOSE REELS

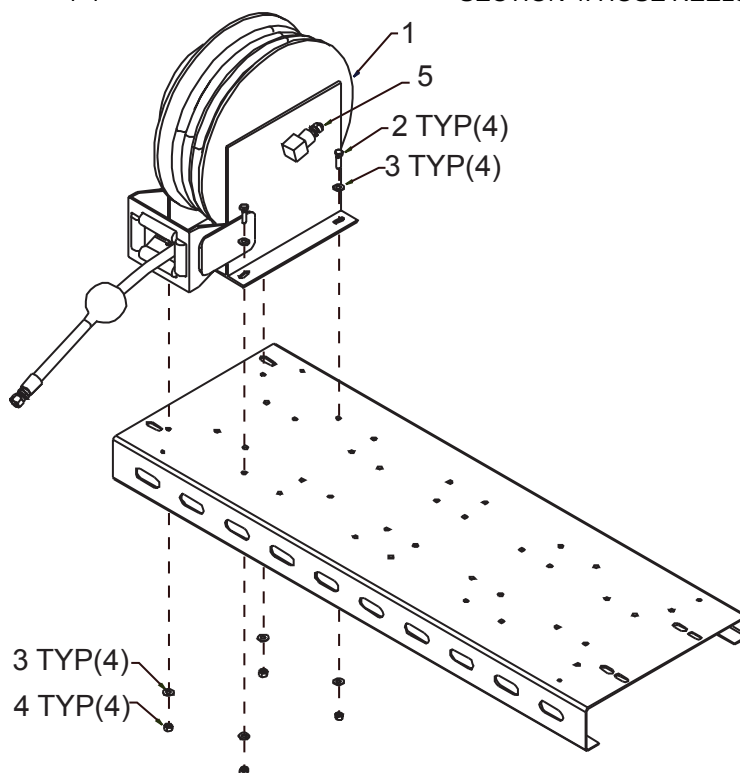


HOSE REEL (70733502)

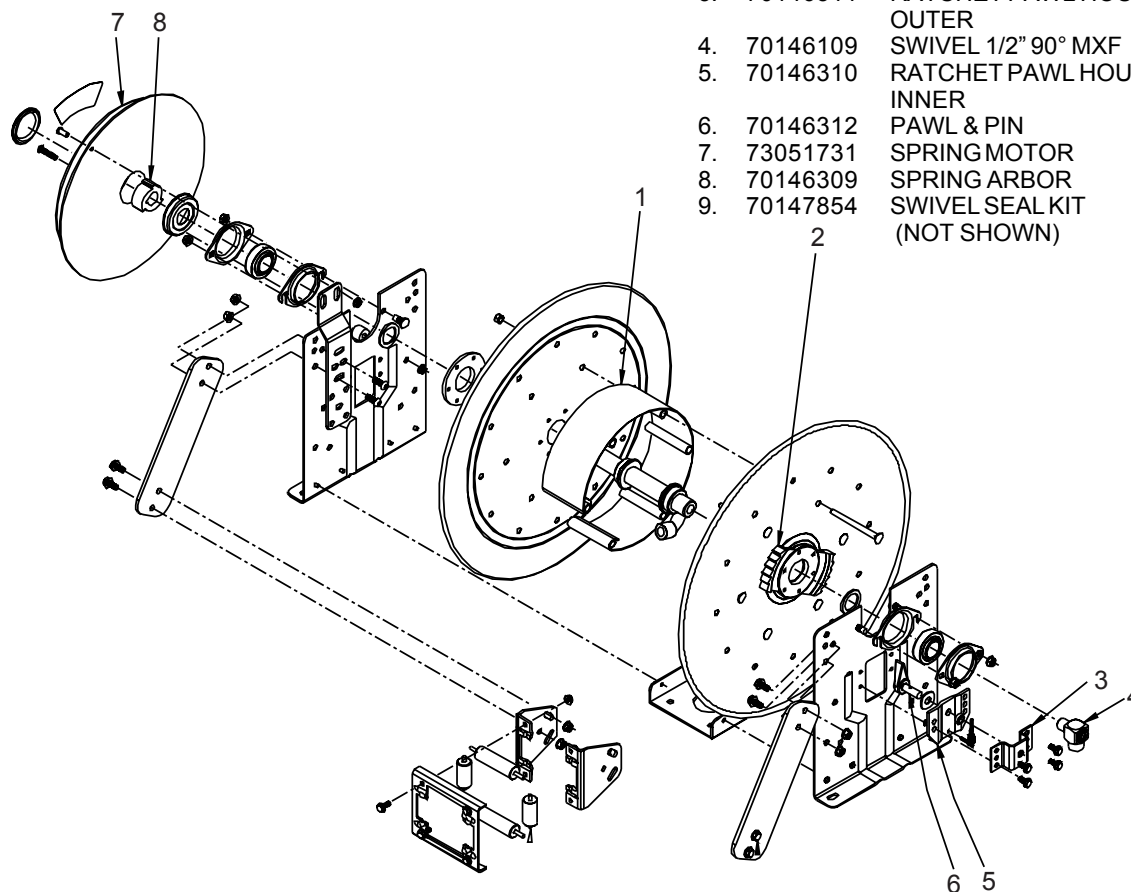
DRAWING NOT AVAILABLE AT TIME OF PRINTING

**OIL HOSE REEL ASM (DUAL PEDESTAL)
(51716976)**

1.	70733031	REEL-OIL 1/2"X50' 18" H DUAL PEDESTAL	1
2.	72060047	CAP SCREW 3/8-16X1.25 HHGR5	4
3.	72063003	WASHER 3/8 WRT	8
4.	72062103	NUT 3/8-16 NYLOC	4
5.	72053497	ADPTR-MPT/MJIC 1/2"-8	1

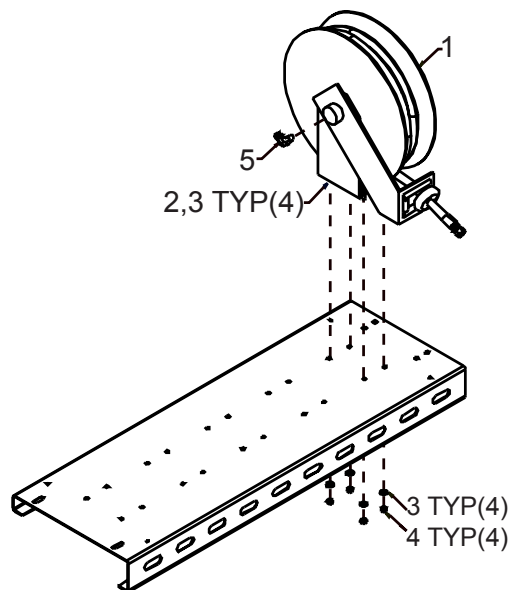
**HOSE REEL -OIL 1/2" (70733031)**

1.	70146306	DRUM 10-1/2" DIA	1
		DRUM 15-1/2" DIA	1
2.	70146429	RATCHET WHEEL	1
3.	70146311	RATCHET PAWL HOUSING	
		OUTER	1
4.	70146109	SWIVEL 1/2" 90° MXF	1
5.	70146310	RATCHET PAWL HOUSING, INNER	1
6.	70146312	PAWL & PIN	1
7.	73051731	SPRING MOTOR	1
8.	70146309	SPRING ARBOR	1
9.	70147854	SWIVEL SEAL KIT (NOT SHOWN)	1 REF

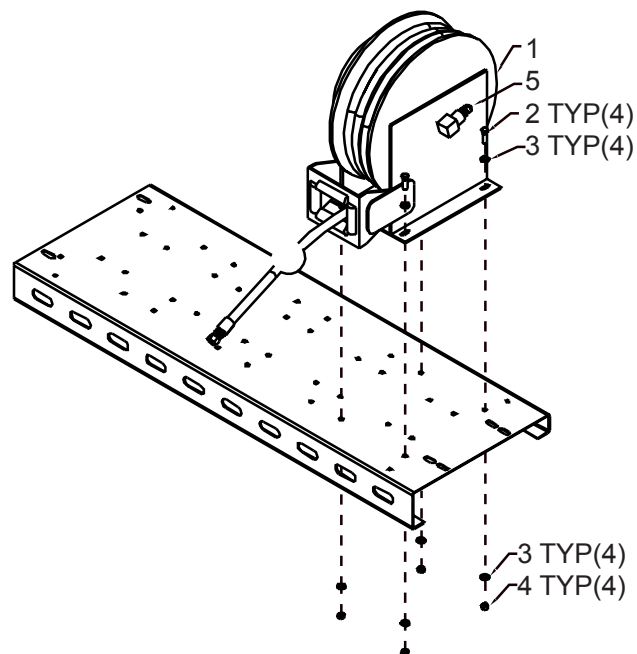


**AF HOSE REEL ASM (SINGLE PEDESTAL)
(51716846)**

1.	70733502	HOSE REEL 1/2" X 50'	1
2.	72060047	CAP SCR 3/8-16 X 1.25 HHGR5 Z	4
3.	72063003	WASHER 3/8 WRT	8
4.	72062103	NUT 3/8-16 NYLOC	4
5.	72531421	ELBOW - MPT/90/M JIC 1/2"-8	1

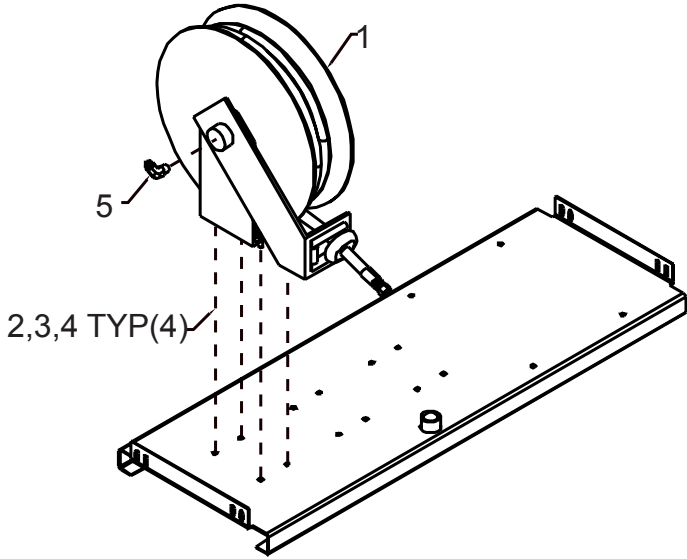
**AF HOSE REEL ASM (DUAL PEDESTAL) (51716977)**

1.	70733031	REEL-AF 1/2"X50' 18"H DUAL PEDESTAL	1
2.	72060047	CAP SCREW 3/8-16X1.25 HH GR5	4
3.	72063003	WASHER 3/8 WRT	8
4.	72062103	NUT 3/8-16 NYLOC	4
5.	72053497	ADPTR-MPT/MJIC 1/2"-8	1



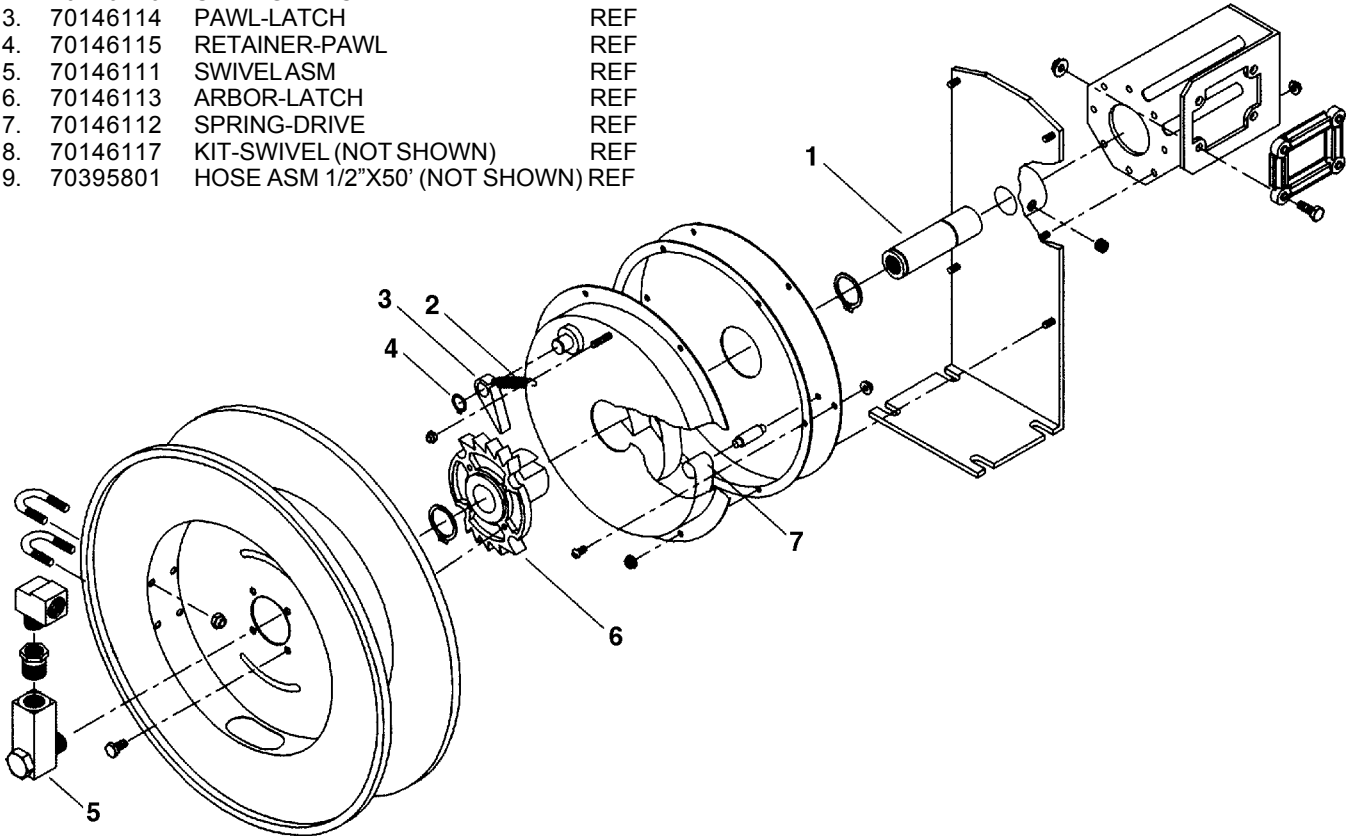
AIR HOSE REEL ASM (SINGLE PEDESTAL)
(51716847)

1.	70733408	HOSE REEL - 1/2" X .50' AIR	1
2.	72060047	CAP SCR 3/8-16X1.25HH GR5 Z	4
3.	72063003	WASHER 3/8 WRT	4
4.	72063051	WASHER 3/8 LOCK Z	4
5.	72531421	ELBOW - MPT/90/M JIC 1/2" 8	1



HOSE REEL ASM (70733408)

1.	70146110	SHAFT-INLET	REF
2.	70146116	SPRING-LATCH	REF
3.	70146114	PAWL-LATCH	REF
4.	70146115	RETAINER-PAWL	REF
5.	70146111	SWIVEL ASM	REF
6.	70146113	ARBOR-LATCH	REF
7.	70146112	SPRING-DRIVE	REF
8.	70146117	KIT-SWIVEL (NOT SHOWN)	REF
9.	70395801	HOSE ASM 1/2"X50' (NOT SHOWN)	REF



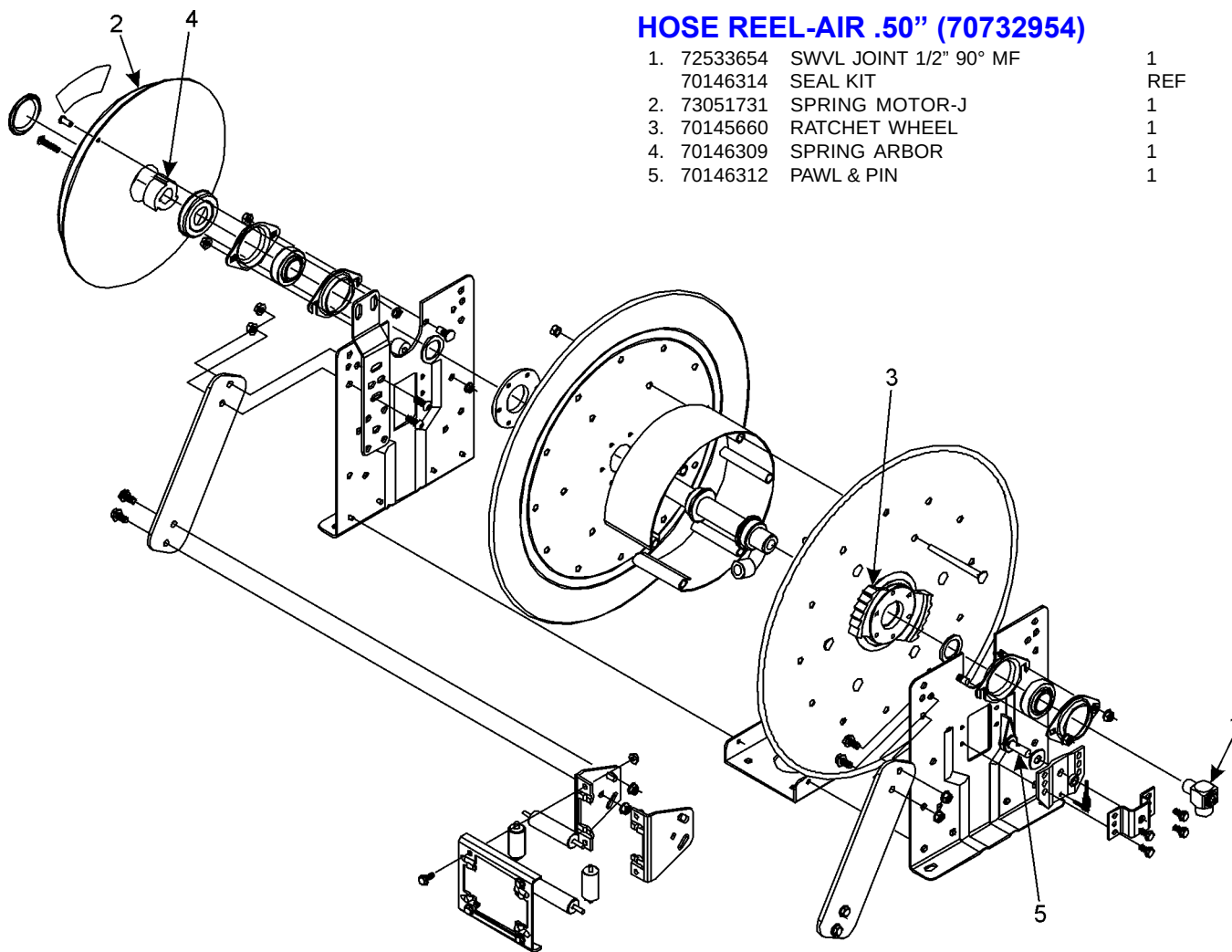
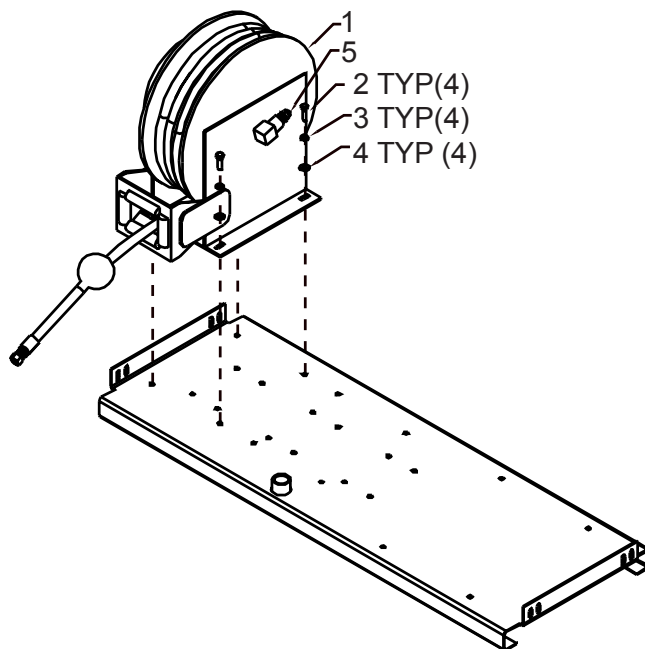
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AIR HOSE REEL ASM (DUAL PEDESTAL)
(51716978)

- | | | | |
|----|----------|-----------------------------|---|
| 1. | 70732954 | REEL-AIR 1/2"X50' 18"H | 1 |
| | | DUAL PEDESTAL | |
| 2. | 72060047 | CAP SCREW 3/8-16X1.25HH GR5 | 4 |
| 3. | 72063003 | WASHER 3/8 WRT | 4 |
| 4. | 72063051 | WASHER 3/8 LOCK Z | 4 |
| 5. | 72053497 | ADPTR-MPT/MJIC 1/2"-8 | 1 |

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SECTION 4: HOSE REELS



HOSE REEL-AIR .50" (70732954)

- | | | | |
|----|----------|------------------------|-----|
| 1. | 72533654 | SWVL JOINT 1/2" 90° MF | 1 |
| | 70146314 | SEAL KIT | REF |
| 2. | 73051731 | SPRING MOTOR-J | 1 |
| 3. | 70145660 | RATCHET WHEEL | 1 |
| 4. | 70146309 | SPRING ARBOR | 1 |
| 5. | 70146312 | PAWL & PIN | 1 |

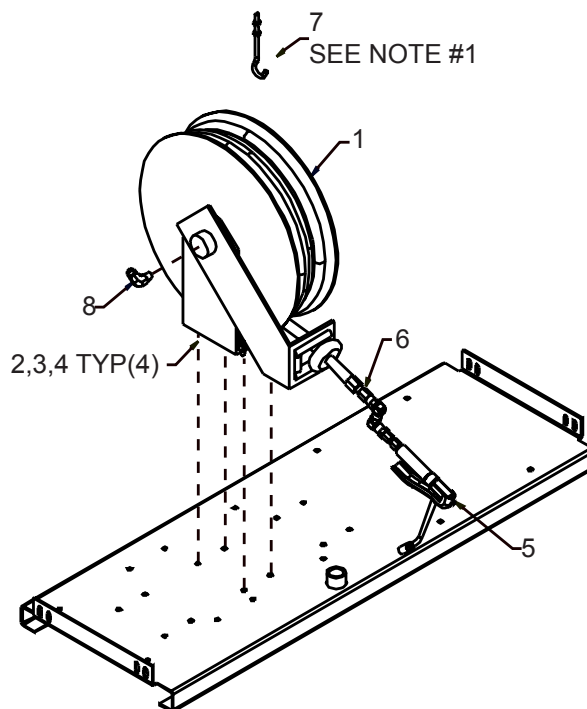
PM LUBE: 99903326: 20010717

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**GREASE HOSE REEL ASM (SINGLE PEDESTAL)
(51716848)**

1.	70733503	HOSE REEL 3/8X50' GREASE	1
2.	72060047	CAP SCR 3/8-16X1.25HH GR5 Z	4
3.	72063003	WASHER 3/8 WRT	4
4.	72063051	WASHER 3/8 LOCK Z	4
5.	73054873	VALVE - GREASE 3/8NPT	1
6.	70732888	SWIVEL - 3/8NPT	1
7.	72601775	BOLT - HOOK 5/16 - 18 X 6.00 W/NUTS	1
8.	72531421	ELBOW - MPT/90/M JIC 1/2" 8	1

SECTION 4: HOSE REELS



NOTE:

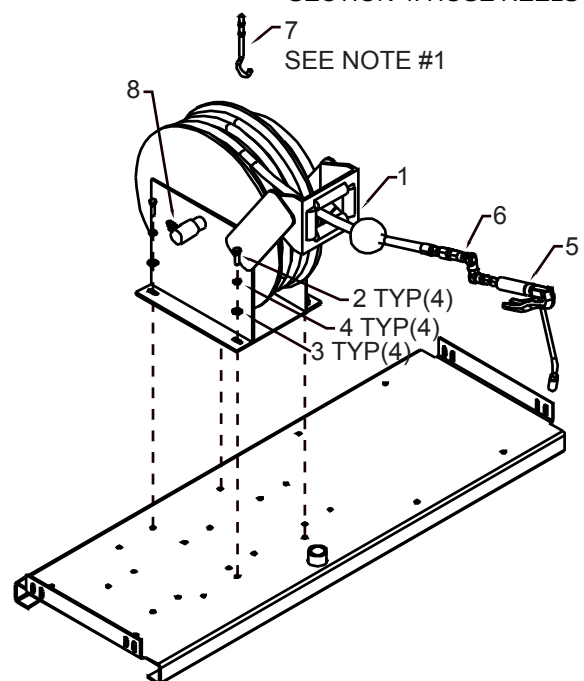
1. ATTACH TO BOTTOM OF SHELF
DIRECTLY ABOVE REEL. USED TO HANG
GREASE VALVE.

HOSE REEL (70733503)

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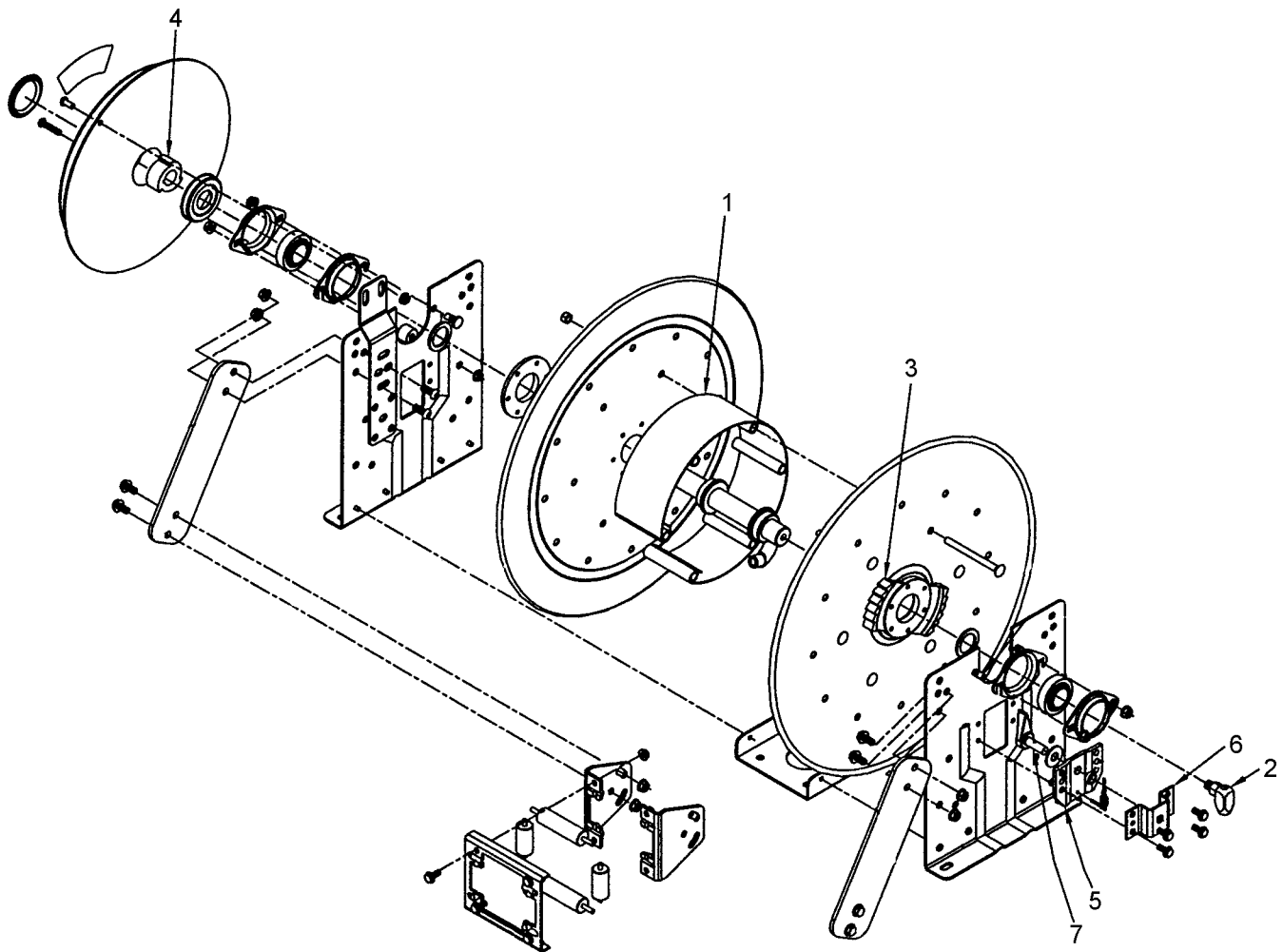
**GREASE HOSE REEL ASM (DUAL PEDESTAL)
(51716979)**

1.	70733061	REEL-GREASE 3/8X50' 18"	1
		DUAL PEDESTAL	
2.	72060047	CAP SCR 3/8-16X1.25 HH GR5Z	4
3.	72063003	WASHER 3/8 WRT	4
4.	72063051	WASHER 3/8 LOCK Z	4
5.	73054873	VALVE-GREASE 3/8 NPT	1
6.	70732888	SWIVEL-3/8 NPT	1
7.	72601775	BOLT-HOOK 5/16-18X6.00	1
		W/NUTS	1
8.	72053497	ADPTR-MPT/MJIC 1/2"-8	1

**HOSE REEL-GREASE/WASH 3/8" (70733061)**

1.	70146306	DRUM 10-1/2" DIA	1
	70146307	DRUM 15-1/2" DIA	1
2.	70146418	3/8" SWVL JOINT 8000PSI 90°	1
	70146307	SEAL KIT	REF
3.	70145660	RATCHET WHEEL	1
4.	70146309	SPRING ARBOR	1
5.	70146310	RATCHET PAWL HSG-INNER	1
6.	70146311	RATCHET PAWL HSG-OUTER	1
7.	70146312	PAWL & PIN	1
	73051731	SPRING MOTOR-J	1

NOTE:
1. ATTACH TO BOTTOM OF SHELF DIRECTLY
ABOVE REEL. USED TO HANG GREASE VALVE.

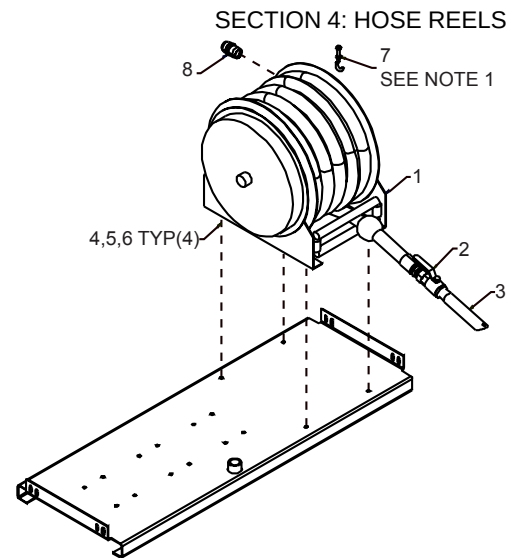


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OIL SALV HOSE REEL ASM (51716849)

1.	70733504	HOSE REEL 1.0 X 35'	
		SUCTION W/STOP	1
2.	73054378	VALVE - BALL 1.00	1
3.	60123417	PIPE - OIL SUCTION	1
4.	72060047	CAP SCR 3/8-16X1.25HH GR5 Z	4
5.	72063003	WASHER 3/8 WRT	4
6.	72063051	WASHER 3/8 LOCK ZINC	4
7.	72060966	BOLT - EYE 5/16-18 X 3.38	1
8.	72053680	ADPTR - MPT/M JIC 1.00 - 16	1



NOTES:

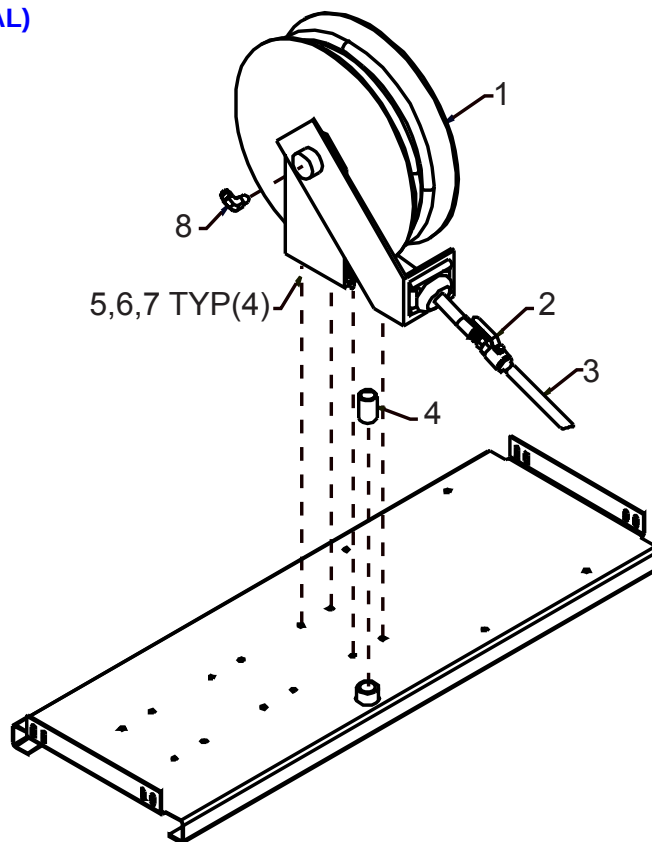
1. ATTACH TO BOTTOM OF SHELF
DIRECTLY ABOVE REEL. USED
TO HANG SALVAGE VALVE.

HOSE REEL (70733504)

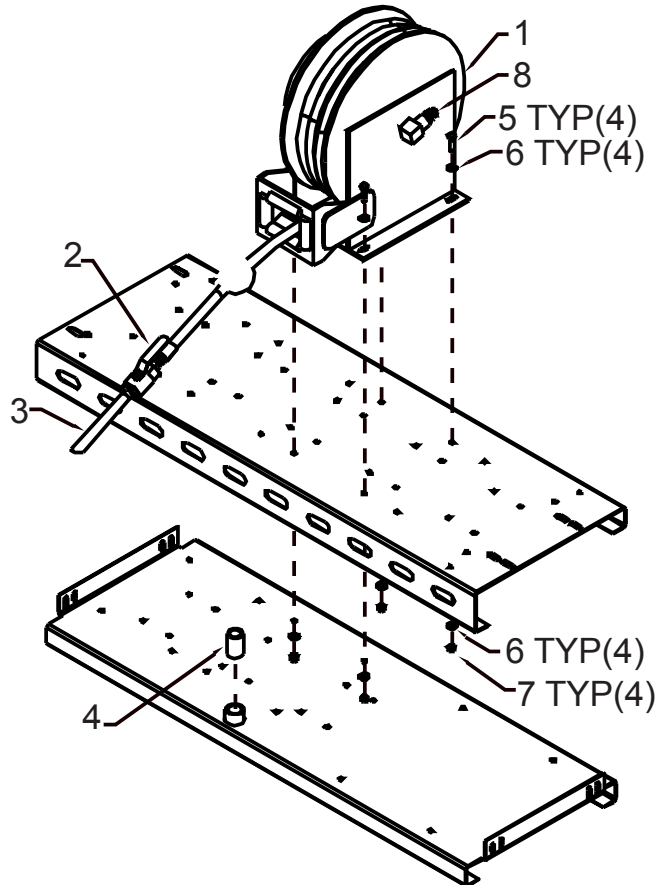
DRAWING NOT AVAILABLE AT TIME OF PRINTING

AF SALV HOSE REEL ASM (SINGLE PEDESTAL)
(51716850)

1.	70733502	HOSE REEL 1/2" X 50' W/STOP	1
2.	73054192	VALVE - BALL 1/2"	1
3.	60123418	PIPE - AF SUCTION	1
4.	72053200	NIPPLE - PIPE GALV 1.00 X 2.00	1
5.	72060047	CAP SCR 3/8-16X1.25 HH GR5 Z	4
6.	72063003	WASHER 3/8 WRT	4
7.	72063051	WASHER 3/8 LOCK Z	4
8.	72531421	ELBOW - MPT/90/M JIC 1/2"-8	1

**AF SALV HOSE REEL ASM (DUAL PEDESTAL)**
(51716980)

1.	70733031	REEL-AF SALV 1/2"X50' 18"H DUAL PEDESTAL	1
2.	73054192	VALVE-BALL 1/2"	1
3.	60123418	PIPE-AF SUCTION	1
4.	72053200	NIPPLE-PIPE GALV 1.00X2.00	1
5.	72060047	CAP SCR 3/8-16X1.25 HH GR5 Z	4
6.	72063003	WASHER 3/8 WRT	8
7.	72062103	NUT 3/8-16 NYLOC	4
8.	72531421	ELBOW-MPT/90/MJIC 1/2"-8	1



SECTION 5: ELECTRICAL

FRONT END WIRING - HYDRAULIC BRAKES (99903305-1)..... 2

FRONT END WIRING-AIR BRAKES (99903305-2)..... 3

ELECTRICAL SCHEMATIC (99903306-1) 4

ELECTRICAL CONNECTIONS (99903306-2) 5

**FRONT END WIRING - HYDRAULIC BRAKES
(99903305-1)**

1.	77040391	BOSCH 75A RELAY	1
2.	77045873	TERMINAL STRIP	1
3.	77045876	10S TIME DELAY RELAY	1
4.	77045877	TIME DELAY RELAY BASE	1
5.	77041383	BOSCH 40/30 RELAY	3
6.	77045878	RELAY BASE	3
7.	77045879	RELAY BASE PINS - 14 GA (N/S)	10
8.	77045881	RELAY BASE PINS - 10 GA (N/S)	2
9.	77044764	FUSE HOLDER	1
10.	77044728	ATC 2A FUSE	1
11.	77045869	FRONT END HARNESS	1
12.	77045874	TERM STRIP JUMPER	2
13.	77045880	TPA FOR RELAY BASE (N/S)	3
14.	77040230	TERM-SPADE FLNGD INSUL (N/S)	9
15.	77040389	TERM-FSLPON (N/S)	4
16.	77040186	TERM-FSLPON 1/4 TAB (N/S)	2
17.	77040052	TERM-RING 1.68 STUD (N/S)	3
18.	77040000	TERM-RING 1.10 STUD (N/S)	2
19.	77040049	TERM-BUTT CONN (N/S)	2
20.	77044556	DIODE-2.2 AMP	1

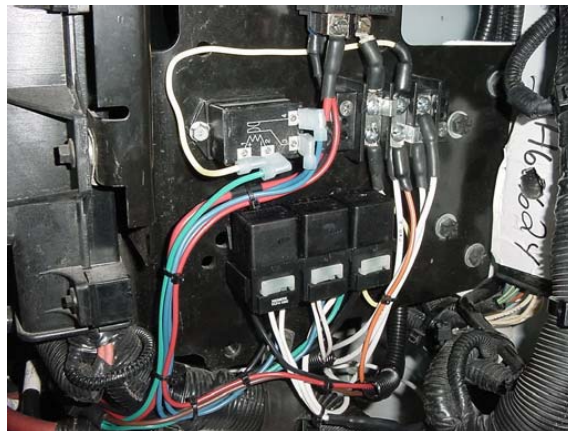
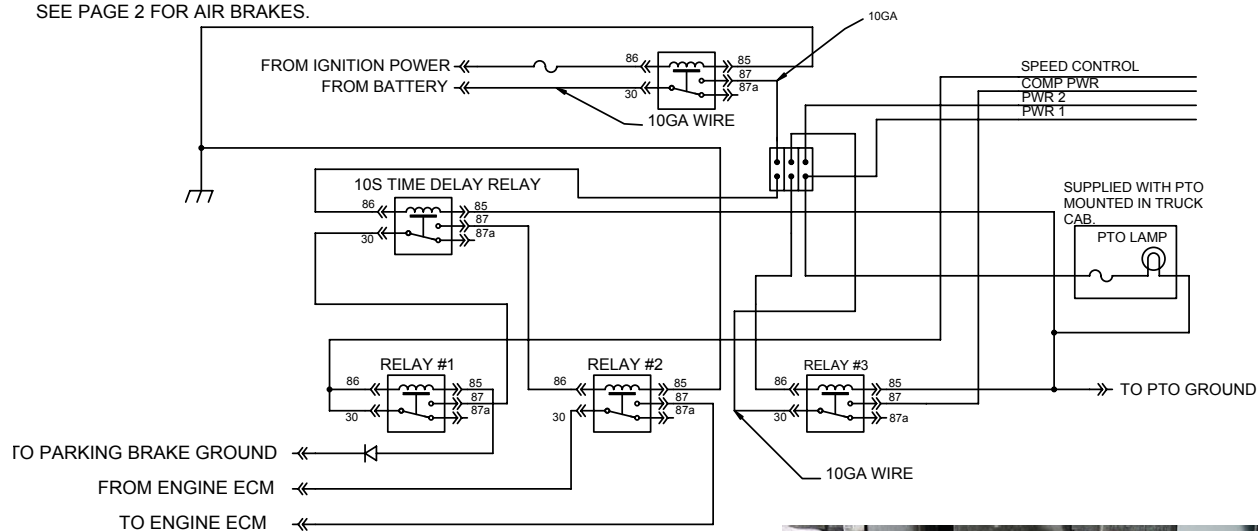
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NOTE:

ALL CONNECTORS MUST BE HEAT-SHRINKED.

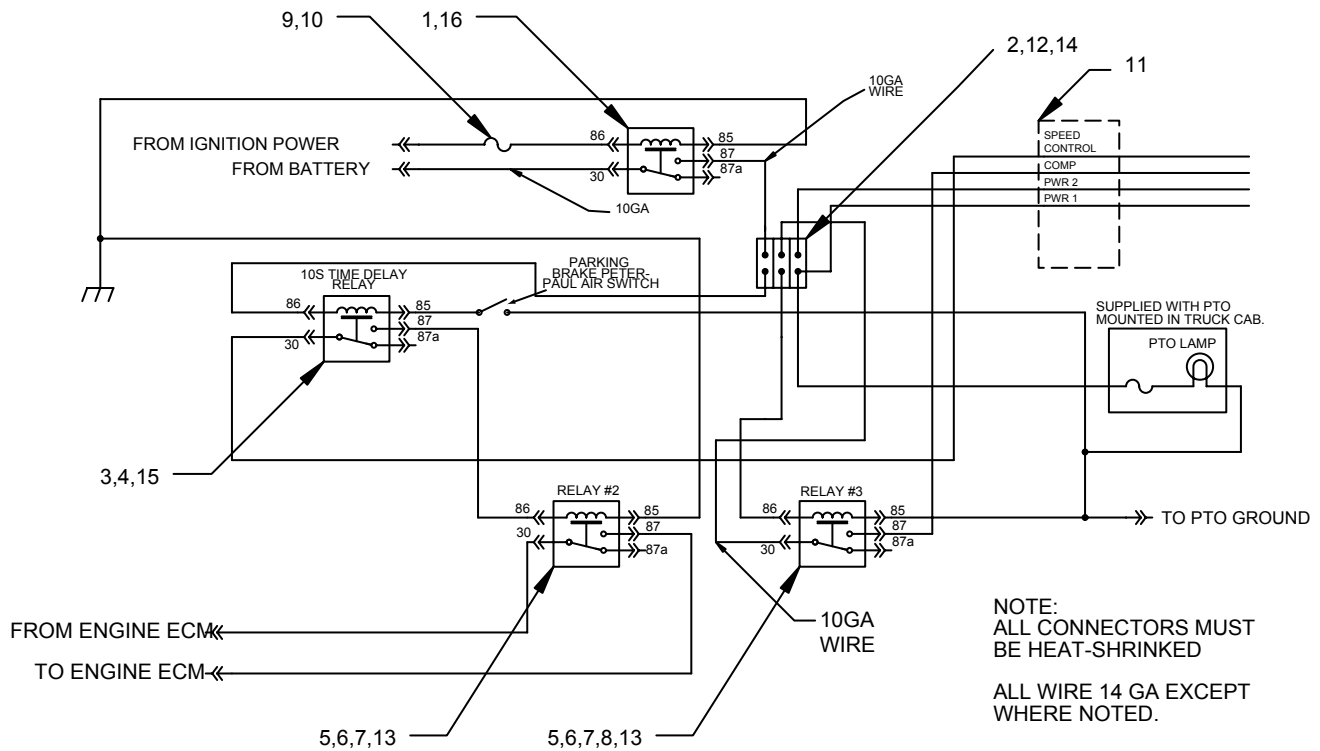
ALL WIRE 14 GA EXCEPT WHERE NOTED.

SEE PAGE 2 FOR AIR BRAKES.



FRONT END WIRING-AIR BRAKES (99903305-2)

1.	77040391	BOSCH 75A RELAY	1
2.	77045873	TERMINAL STRIP	1
3.	77045876	10S TIME DELAY RELAY	1
4.	77045877	TIME DELAY RELAY BASE	1
5.	77041383	BOSCH 40/30 RELAY	3
6.	77045878	RELAY BASE	3
7.	77045879	RELAY BASE PINS-14 GA (N/S)	10
8.	77045881	RELAY BASE PINS-10 GA (N/S)	2
9.	77044764	FUSE HOLDER	1
10.	77044728	ATC 2A FUSE	1
11.	77045869	FRONT END HARNESS	1
12.	77045874	TERMINAL STRIP JUMPER	2
13.	77045880	TPA FOR RELAY BASE (N/S)	3
14.	77040230	TERM-SPADE FLNGD INSUL (N/S)	9
15.	77040389	TERM-FSLPON (N/S)	4
16.	77040186	TERM-FSLPON 1/4 TAB (N/S)	3
17.	77040052	TERM-RING 1.68 STUD (N/S)	3
18.	77040000	TERM-RING 1.10 STUD (N/S)	2
19.	77040049	TERM-BUTT CONN (N/S)	2



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