



M-301-02R

For Units manufactured after 3/1/01

Bituminous Transport

Repair Parts



E. D. Etnyre & CO 1333 S. Daysville Road, Oregon, Illinois 61061

Phone: 888-586-1899

Fax: 800-521-1107

www.etnyre.com

M-301-02R

Bituminous Transport

HOW TO ORDER PARTS

To assure prompt delivery when ordering parts, please furnish the following information: 1) Complete name and address of consignee. 2) Method of shipment preferred. 3) Serial numbers of units to which parts apply. 4) Complete part numbers and descriptions. 5) Any special instructions.

Specify unit serial number when ordering parts!

PARTS WARRANTY

E. D. Etnyre & Co. warrants to the original Purchaser, its replacement parts to be free from defects in material and workmanship for a period of twelve (12) months after date of delivery to original Purchaser.

The following are exceptions to this policy:

- (1) All new electronic components are warranted for a period of 60 days. This is subject to vendor approval.
- (2) Remanufactured electronic components are warranted for a period of 30 days.
- (3) Remanufactured hydraulic components are warranted for a period of 60 days.
- (4) All non-Etnyre manufactured components are subject to the original warranty of the manufacturer.
- (5) New hydraulic components are warranted for the period of time set forth by the vendor of the individual item.

The obligation of the Company is limited to repairing or replacing any defective part returned to the Company and will not be responsible for consequential damages or any further loss by reason of such defect. Furthermore, the Etnyre Co. will not be responsible for any labor charges, freight charges, or transportation costs incurred by the purchaser if said part were to fail.

This warranty does not apply to:

- (1) Normal start-up services, normal maintenance services or adjustments usually performed by the selling dealer, factory service representative or customer personnel.
- (2) Any product manufactured by E. D. Etnyre & Co. purchased or subjected to rental use.
- (3) Any product or part thereof which shows improper operation, improper maintenance, abuse, neglect, damage or modification after shipment from factory.
- (4) Any product or part thereof damaged or lost in shipment. Inspection for damage should be made before acceptance or signing any delivery documents releasing responsibility of the delivering carrier.

This warranty and foregoing obligations are in lieu of all other obligations and liabilities including negligence and all warranties of merchantability or otherwise, express or implied in fact or by law.

The company excludes all implied warranties of merchantability and fitness for a particular purpose. There are no warranties, express or implied, which extend beyond the description of the goods contained in this contract.



E. D. ETNYRE & CO., Oregon, Illinois 61061-9778

1333 South Daysville Road Phone: 888-586-1899 Fax: 800-521-1107

www.etnyre.com CustomerService@etnyre.com

This manual covers standard features and options. If your unit incorporates custom features, some of the information contained in this manual may not apply. If you have any questions regarding this manual or your unit, contact your dealer or the E.D. BTNYRE Service Department at 1-800-995-2116

WARNING

Unsafe operation of equipment may cause injury

Read, understand and follow the manuals when operating or performing maintenance

WARNING

Fluoroelastomer handling

Some "O" rings and seals used in this vehicle are made from fluoroelastomers. When used under design conditions, fluoroelastomers do not require special handling. However, when fluoroelastomers are heated to temperatures beyond their design temperature (around 600 degrees Fahrenheit), decomposition may occur with the formation of hydrofluoric acid. Hydrofluoric acid can be extremely corrosive to human tissue if not handled properly.

A degraded seal may appear as a charred or black sticky mass. Do not touch either the seal or the surrounding equipment without wearing neoprene or PVC gloves if degradation is suspected. Wash parts and equipment with 10% lime water (calcium hydroxide solution) to neutralize any hydrofluoric acid.

If contact with the skin occurs, wash the affected areas immediately with water. Then rub a 2.5 calcium gluconate gel into the skin until there is no further irritation, while seeking prompt medical attention.

Note to physicians: For advice or treatment of HF Burns, call the DuPont Medical Emergency Number 1-800-441-3637.

Reporting Safety Defects

If you believe that your vehicle has a defect which could cause a crash, injury, or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying E.D. Etnyre & Co.

If NHTSA receives similar complaints, it may open an investigation. If it finds a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or E.D. Etnyre & Co.

To contact NHTSA, you may call the Auto Safety Hotline toll-free at 1-800-424-9393 (or 366-0123 in the Washington, D.C. area). Or, you may write to: U.S. Department of Transportation, Washington, D.C. 20696. You may also obtain other information about motor vehicle safety from the Auto Safety Hotline.

E.D. Etnyre & Co., Oregon, Illinois 61061, Phone Area Code 815/732-2116.

CAUTION

GENERAL, TIRE CARRIER

Loss of tire in transit can cause bodily injury or property damage. Carry only one spare tire at a time. Do not carry the tire loose in the carrier. Tightly wrap the chain around the tire to eliminate slack and always fasten the chain in the locking retainer plate.

Inspect carrier annually. Check for bent members and fatigue in welds. Closely examine chain, chain retainer and fastener for signs of wear, corrosion or fatigue. Replace or repair damaged or worn parts promptly.

PROPOSITION 65 WARNING

Diesel Engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

Please note this warning and remember -

Always start and operate the engine in a well-ventilated area;

If in an enclosed area, vent the exhaust to the outside;

Do not modify or tamper with the exhaust system.

GENERAL SAFETY INSTRUCTIONS

The operation of a Bituminous Transport normally requires handling of liquid products at elevated temperature. Also, these liquids may be of a volatile nature. A heating system may be supplied to raise or maintain the product temperature, and these systems use highly combustible fuels. As with any type of construction equipment, there are certain hazards associated with careless or improper operation.

Safety warnings have been provided to call attention to any potentially hazardous situation that may cause property damage, personal injury or death to the operator or bystanders. These safety warnings will be shown at various times throughout this manual, as they are applicable to the subject being presented. These safety warnings are identified by the following warning symbols:

Safety Precautions, Hazard Seriousness Level

You will find safety information boxes throughout this manual. These boxes contain information alerting you to situations or actions to avoid.

Signal words (DANGER, WARNING and CAUTION) are used to identify levels of hazard seriousness. Their selection is based on the likely consequence of human interaction with a hazard. Definitions of hazard levels are as follows.

DANGER - Immediate hazards which **will** result in severe personal injury or death.

WARNING - Hazards or unsafe practices which **could** result in severe personal injury or death.

CAUTION - Hazards or unsafe practices which could result in minor personal injury or product or property damage.

All of these warnings are listed below and they also appear throughout the manual. In addition to these, you will find notes throughout the manual.

NOTE - A note provides general information that the operator should be aware of when performing an operation.

DANGER

To avoid an extreme fire hazard or explosion, NEVER use gasoline as fuel in low pressure or generating burners.

WARNING

A fully charged dry chemical type fire extinguisher must be within easy reach whenever the burners are operating or there is an open flame near the transport. The minimum capacity of the fire extinguisher should be 10 pounds.

WARNING

To prevent an explosion or fire hazard: Position the unit broadside to the wind to prevent volatile fumes from drifting toward the burners.

To prevent an explosion or fire hazard: Do not operate the burners if the tank is damaged or leaking

To prevent an explosion or fire hazard: Ensure that the burners are extinguished before removing any material from the tank in any manner. Liquid petroleum (LP) burners can support a flame for several minutes after the fuel supply is turned off.

To prevent an explosion: Do not operate the burners when the vehicle is unattended, when the vehicle is in motion, or with the vehicle in a confined area.

To prevent an explosion or fire hazard: When the burners go out, shut off the fuel supply to both burners and allow the flues to ventilate for at least 3 minutes before re-lighting the burners.

To prevent an explosion or fire hazard: Do not heat the material beyond the manufacturer's recommended temperature.

To prevent an explosion or fire hazard: Keep burning cigarettes or other sources of combustion away from manholes and overflow vents.

To prevent possible hand or facial burns: Always light the (i)side burner first. Do not reach across a lit burner to light or re-light the inside burner. Shut off the outside burner before lighting the inside burner.

To prevent possible burns: Always use a torch to light the burners. Never attempt to light the burners using a match or pocket lighter.

WARNING

To prevent an explosion or fire hazard: Check the tank vent to insure that it is free from obstruction before lighting the burners.

To prevent an explosion or fire hazard: Do not operate the burners with the manhole open or open the manhole while the burners are in operation.

To prevent possible burns to operators or bystanders, or possible equipment damage, do not start any operation if any control settings are unknown.

To prevent possible burns from leaking material: Be sure all pipe, cap and hose connections are secure before opening valves, or beginning any operation.

To prevent possible burns from hot asphalt spray: Do not stand, or allow anyone to stand, where accidental opening of a valve may cause contact with hot asphalt.

To prevent an explosion or fire hazard: Keep area free of all sources of combustion when spraying.

To prevent possible burns from foaming or violent eruption, do not load tank with material temperature over 200 °F if water or condensation is present in tank, or if emulsion was used in the previous load. Do not heat material over 200 °F if moisture or emulsified material is present in tank.

To prevent an explosion or fire hazard: Eliminate sparks from engine exhaust.

To prevent burns from hot asphalt when handspraying: Hold the handspray gun in proper position and watch for other people.

To prevent burns: Always wear insulated gloves when handling spray bar sections or hoses.

WARNING

To prevent severe injury from becoming entangled in machinery: Stand clear of rotating drives.

To prevent possible injury: Always open the manhole cover slowly. Pressure build up in the tank may cause the cover to burst open.

To prevent possible fire hazards, burns or falls: Keep the unit clean for safe operation.

To prevent possible burns from material overflow Allow sufficient space in the tank for expansion of the material when heating

Before removing the fill line cap, make certain that the asphalt pump is turning and the suction valve is closed.

To prevent possible personal injury: Do not load the vehicle beyond the GAWR or GVWR. The maximum load volume must be calculated based on material density

To prevent possible burns: Use extreme caution when using a torch to heat the pump. Asphalt accumulated around the pump may ignite when heating the pump with a torch

Allowing the burners to operate for a long period of time without circulating can damage the product and create explosive fumes. If product cannot be circulated after fifteen minutes of heating without circulation, the burners should be extinguished for 20 - 30 minutes before re-lighting the burners.

To prevent burns: Always wear eye protection, long sleeve shirt, insulated gloves, boots, and long pants outside the boots when working around the distributor.

To prevent an explosion or fire hazard: Flues must be covered by a minimum 6 inches of material (bitumen) when burners are in operation

WARNING

To prevent possible burns from leaking material: Be sure all pipe, cap and hose connections are secure before opening valves.

To prevent possible burns from hot asphalt spray: Do not stand, or allow anyone to stand, where accidental opening of a valve may cause contact with hot asphalt.

To prevent an explosion or fire hazard: Keep area free of all sources of combustion.

To prevent foaming or violent eruption: Do not load tank with material temperature over 200^o F if water or condensation is present in tank, or if emulsion was used in the previous load. Clean and thoroughly drain tank first. If water or emulsion may be present in spray bar or circulating system, allow a small amount of hot material to circulate in bar BEFORE filling tank. Do not heat material over 200^o if moisture or emulsion is present in tank.

To prevent an explosion or fire hazard: Eliminate sparks from engine exhausts.

WARNING

Before removing fill line cap, make certain asphalt pump is turning and suction valve is closed.

WARNING

To prevent burns: Always wear insulated gloves when handling hoses.

To prevent severe injury from becoming entangled in machinery: Stand clear of rotating drives.

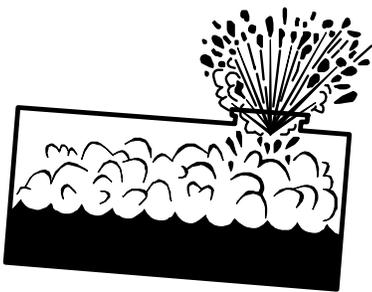
To prevent possible injury: Always open manhole cover slowly. Pressure build-up in tank may cause cover to burst open.

To prevent possible fire hazards, burns or falls: Keep unit clean for safe operation.

▲WARNING

To prevent possible burns from material overflow:
Allow sufficient space in tank for expansion of
material when heating.

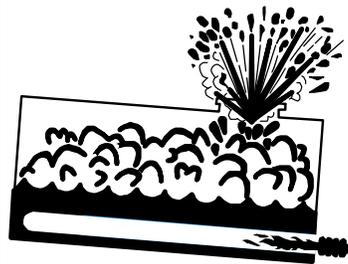
▲WARNING



Do not change asphalt grades without reading operators manual. Explosion can occur causing death or serious injury.

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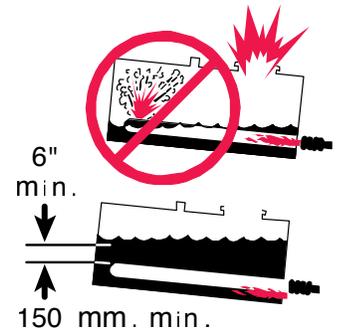
▲WARNING



Before lighting burner unmatch manhole to prevent pressure in tank. Explosion can occur causing death or serious

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▲WARNING



Do not light burners unless flues are covered. Explosion can occur causing death or serious injury.

Do not light burners

Lower Burner

Lit. Gal.

Upper Burner

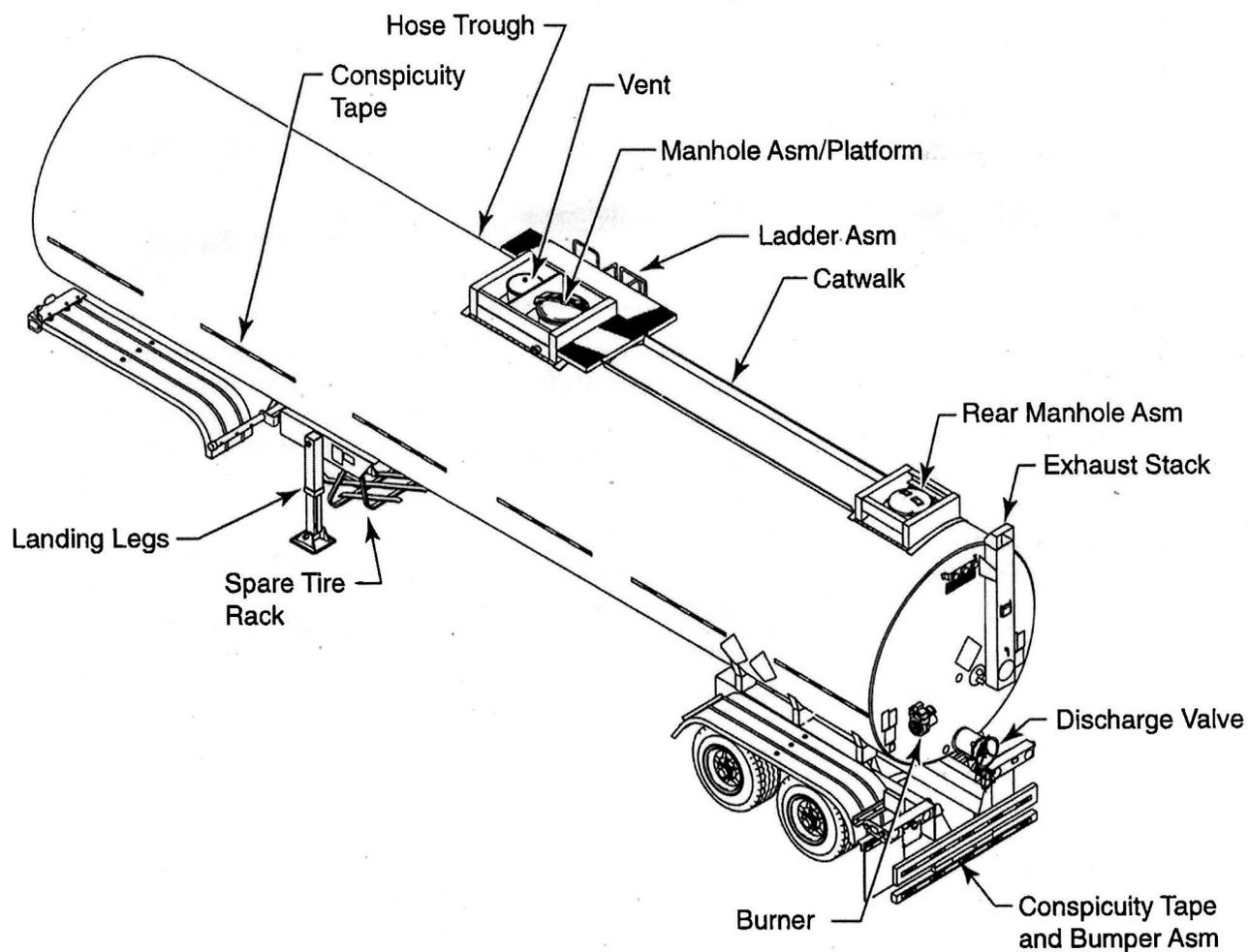
Lit. Gal.

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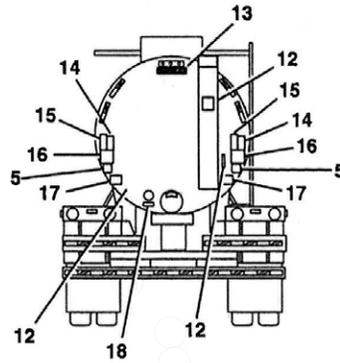
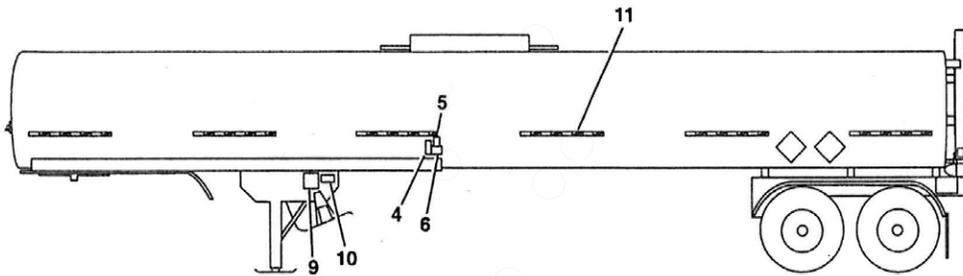
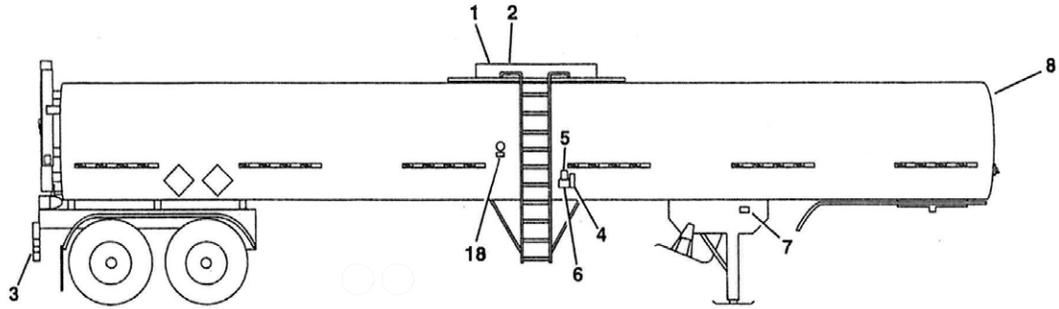
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General Identification



DECALS & ID

Plate Identification

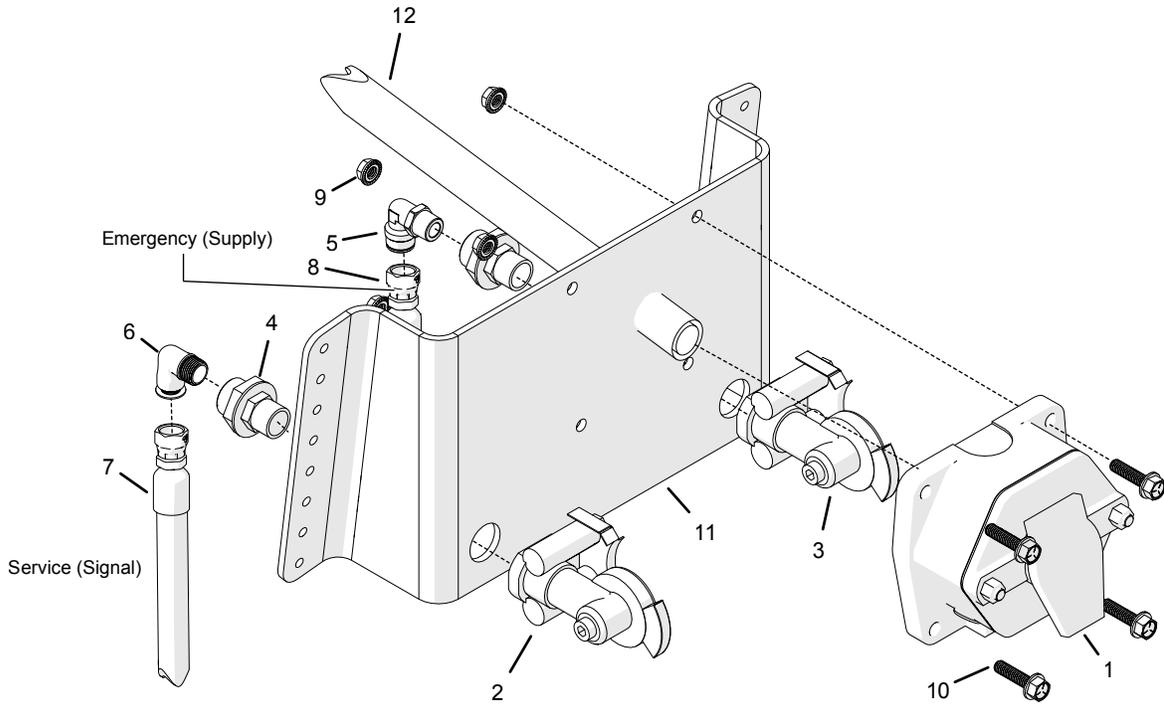


DECALS & ID

REF	PART NO.	QTY	DESCRIPTION
1	3390679	2	DECAL: WARNING, MANHOLE
2	3390684	2	DECAL: CAUTION, HOT SURFACE
3	6320504	1	DECAL: REAR IMPACT GUARD
4	3390637	1	TAG-WARNING, DON'T MIX ASPHALTS
5	3390678	2	DECAL: READ MANUALS
6	2790006	1	PLATE-CAUTION, HT W/O FLUE, GEN.
7	2790004	1	NAMEPLATE-HAULER, TANK, BRASS
8	3390191	1	DECAL-OVAL, ETNYRE
9	2790530	1	PLATE-NAME, SPEC, 178.345, VAR SH
10	2790017	1	LABEL-CENT, FMVSS, TRAILER, 1/81
11	2790527	AR	TAPE-CONSPICUITY, 2", RED/WHITE
12	3390592	2	TAG BRKT ASM-CAUTION, HOT SURFACE
13	3390149	1	PLATE-NAME, STRAIGHT, ETNYRE
14	3390639	2	PLATE-WARNING, MANHOLE/BURNER
15	3390636	2	PLATE-WARNING, BURNER
16	2790007	2	PLATE-CAUTION, HT, W/FLUE, GEN.
17	3390670	2	LABEL: HIGH PRESS. BURN/ELEC. MTRS.
18	3390192	1	PLATE-TEMP, HAULING TANK

7 Way Receptacle Connection & Air Supply Connection

2770154



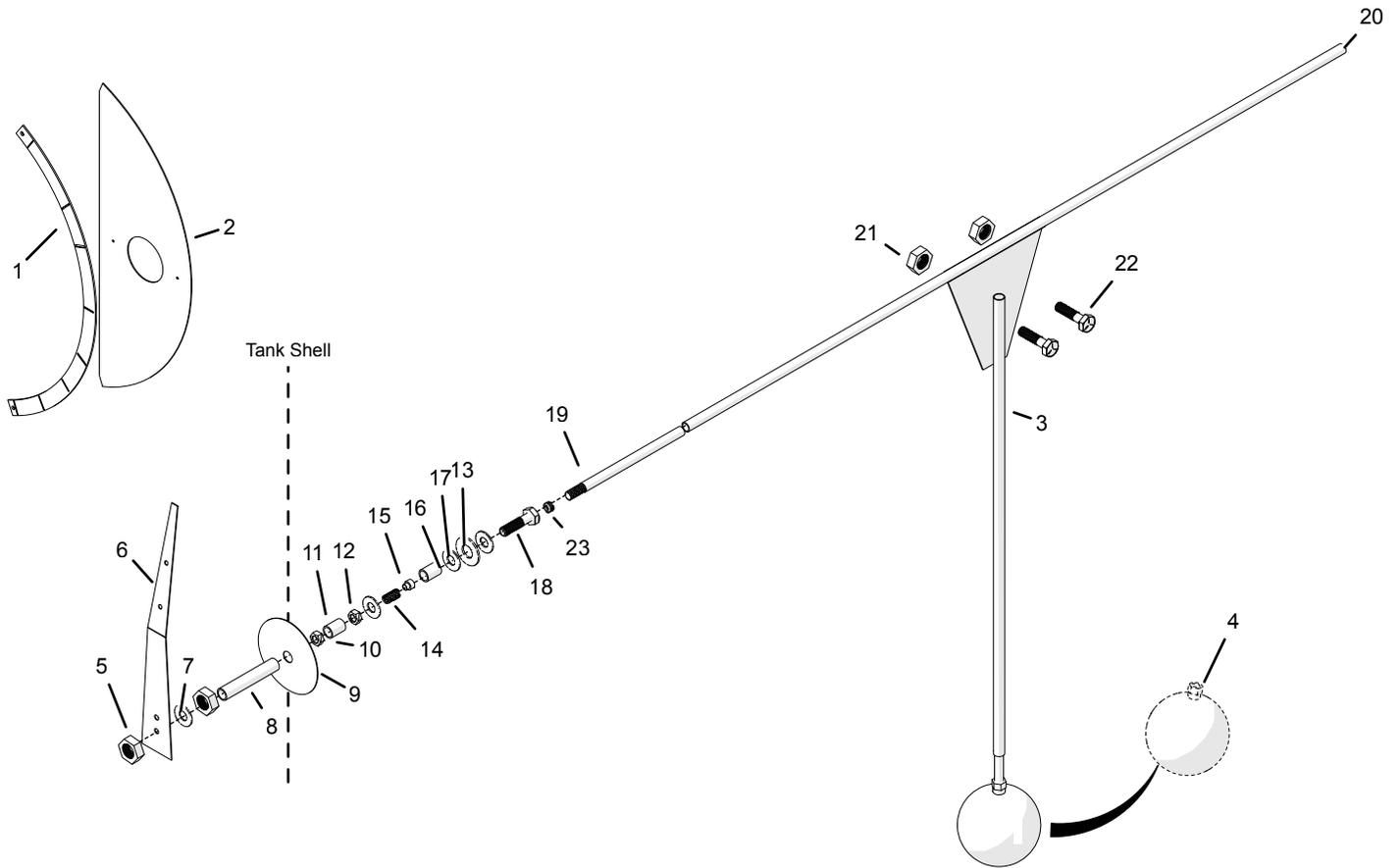
TANK

REF	PART NO.	QTY	DESCRIPTION
1	6702561	1	RECEPTACLE-7 WAY W/O BREAKERS
2	6601254	1	COUPLING-HOSE,SERVICE W/FILTER
3	6601253	1	COUPLING-HOSE,EMER.W/FILTER
4	6601255	2	STUD-CLAMPING,0.50MPT-0.38FPT
5	6604871	1	ELBOW-ARBK,90,06MP-08T
6	6604255	1	ELBOW-ARBK,90,06MP-06T
7	6309162	AR	TUBE-NYLON, AIR, 0.38", GENERIC
8	6309169	AR	TUBE-NYLON, AIR, 0.50", GENERIC
9	6100777	4	NUT-FLANGE,5/16-18,GR2,PD,SERR
10	6100879-04	4	BOLT-WIZ,0.312UNCX1.25 GR5,PD
11	2770061	1	BRACKET-AIR,ELEC,ALUM,LOW MNT
12	6702504	50'	CABLE-7 WAY

Tank Gauge Assembly

Rear

TANK

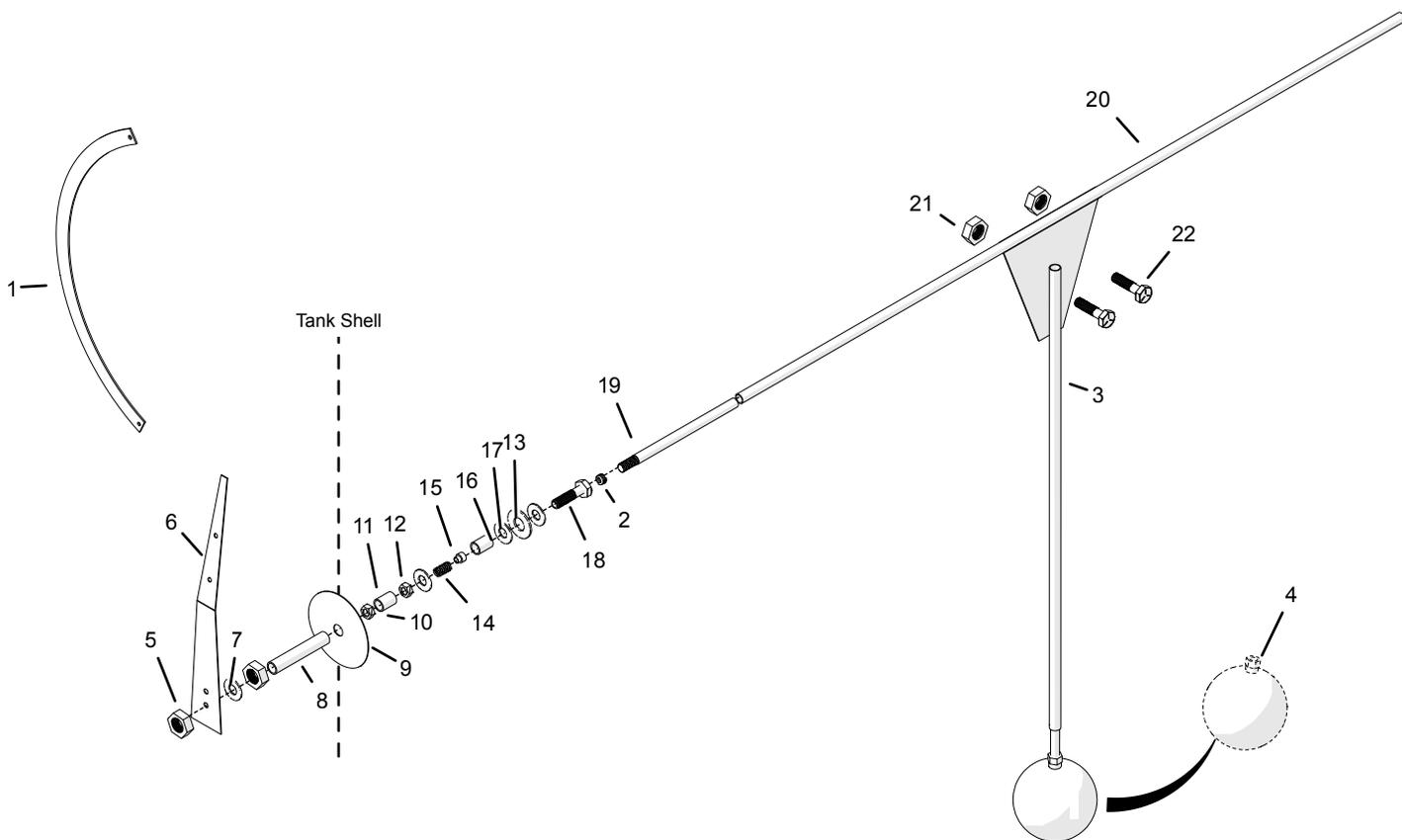


REF	PART NO.	QTY	DESCRIPTION
1	3380578	1	REAR DIAL - STAMPED
2	3380579	1	DIAL BLANK TRAILER DISTRIBUTOR
3	2700990	1	STEM ASM-TANK GAUGE, 44.5
4	6600335	1	FLOAT-BALL, 5DIA.25FNPT SS304
5	0120376	2	NUT-HEX, 0.31"NC, PD
6	3301181	1	DIAL POINTER STAINLESS STEEL
7	0120214	1	WASHER-LOCK, 0.31", SPRING, PD
8	2700991	1	SPACER-POINTER, TANK GAUGE
9	3341199	1	COVER-JKT.DRIVE, SHAFT TK GAGE
10	3360828	1	NUT ASM-PACKING RETAINER,SAM
11	3301164	1	SPACER-PACKING, TANK GAUGE
12	0426899	1	NUT ASM-PACKING RETAINER,SAM

REF	PART NO.	QTY	DESCRIPTION
13	0131002	2	WASHER-FLAT, 1.00a(1.06 X 2.50), PD
14	3360192	1	SPRING-PACKING, TANK GAUGE
15	3360187	1	SLEEVE-PACKING,TANK GAUGE
16	3301352	1	SPACER-TANK GAUGE
17	3360825	2	GASKET-ASB, GARLOCK 1 3/4 X 1 X 1/16
18	3301163	1	SCREW-FITT, TANK GAUGE, 1"NC, MOD
19	2700988	1	SHAFT-DRIVE, TANK GAUGE, 5" INSUL
20	2700992	1	SHAFT-TANK GAUGE
21	9416509	2	NUT-HEX, LOCK, 0.25", GRB, PN
22	0121900	2	SCREW-HEX, 0.25"NC X 1.00", GR, PD
23	3360204	1	PACKING-TANK GAUGE

Tank Gauge Assembly

Front

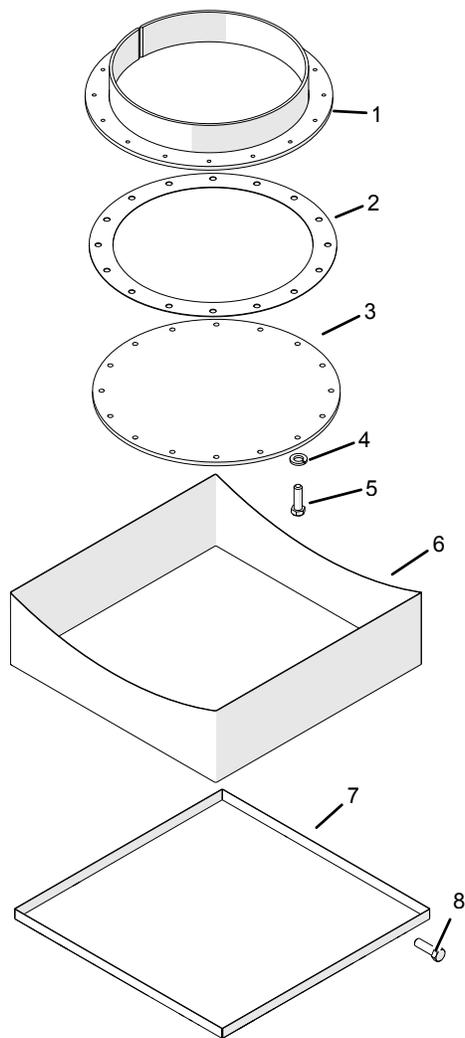


REF	PART NO.	QTY	DESCRIPTION
1	3384308	1	DIAL-BLANK, (PROVIDE S/N)
2	3360204	1	PACKING-TANK GAUGE
3	2700990	1	STEM ASM-TANK GAUGE, 44.5
4	6600335	1	FLOAT-BALL, 5DIA.25FNPT SS304
5	0120376	2	NUT-HEX, 0.31"NC, PD
6	3301181	1	DIAL POINTER STAINLESS STEEL
7	0120214	1	WASHER-LOCK, 0.31", SPRING, PD
8	2700991	1	SPACER-POINTER, TANK GAUGE
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17	3360825	2	GASKET-ASB, GARLOCK 1 3/4 X 1 X 1/16
18	3301163	1	SCREW-FITT, TANK GAUGE, 1"NC, MOD
19	2700988	1	SHAFT-DRIVE, TANK GAUGE, 5" INSUL
20	2701007	1	SHAFT-TANK GAUGE
21	9416509	2	NUT-HEX, LOCK, 0.25", GRB, PN
22	0121900	2	SCREW-HEX, 0.25"NC X 1.00", GR, PD

16" Cleanout Manhole-Steel Transport

9300815

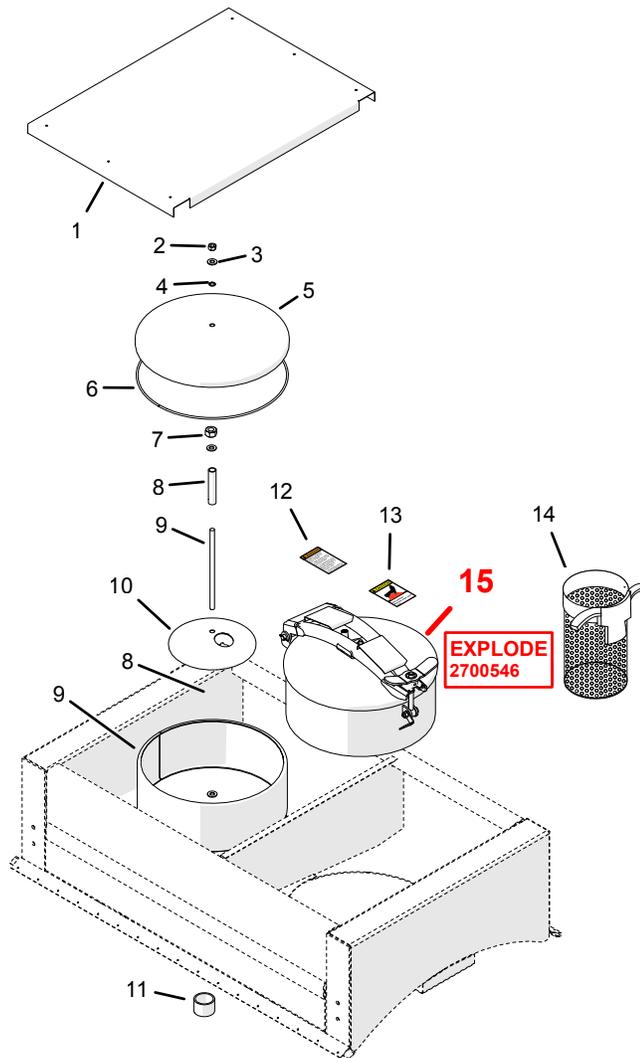


TANK

REF	PART NO.	QTY	DESCRIPTION
1	2700014	1	FLANGE-MANHOLE,CLEANOUT,16
2	2700016	1	GASKET-MANHOLE CLEANOUT,16
3	2700018	1	FLANGE-MANHOLE,CLEANOUT,16
4	0120382	1	WASHER-LOCK,0.38,SPRING,PD
5	0180124	1	SCREW-HEX,0.38NCX1.25,GR5,PD
6	2700019	1	BOX-ADAPTER, MANHOLE, CLEANOUT, 16"
7	2700020	1	PAN-ADAPTER, MANHOLE, CLEANOUT, 16"
8	6000550	1	SCREW-HEX, 1/4-14 X 3/4, TEK 3, PD

Manhole - Steel Transport

9301255

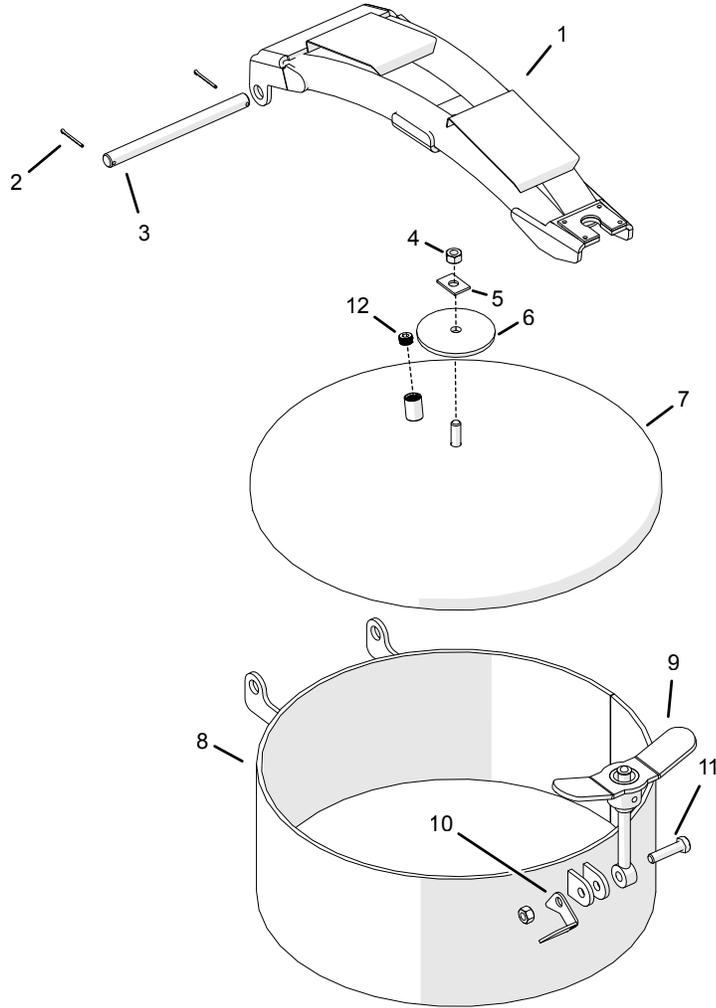


TANK

REF	PART NO.	QTY	DESCRIPTION
1	2700272	1	COVER-INSULATION,VENT COMPT
2	9413948	1	NUT-HEX, LOCK 0.625NC, PD
3	9422850	2	WASHER-FLAT,0.62A(0.65X1.31)HN
4	6600725	1	GASKET-0.88X0.62,COPPER ASB.
5	2700288	1	COVER-20 MH,NON-REL
6	2700287	1	GASKET-VENT,RESERVOIR COVER
7	0124589	1	NUT-HEX, 0.625NC
8	2700283	1	SPACER-UPPER,DEFLECTOR PLATE
9	2700286	1	SHELL-BASE ASM-RESERVOIR VENT
10	2700282	1	PLATE-DEFLECTOR,SURGE,VENT
11	2700279	1	SLEEVE-VENT PIPE
12	3390679	1	DECAL: WARNING, MANHOLE
13	3390684	1	DECAL: CAUTION, HOT SURFACE
14	3390173	1	STRAINER ASM- 6" MANHOLE
15	2700546	1	MANHOLE ASM-20"NON-REL-600 F.

20" ManholeAsm

2700546



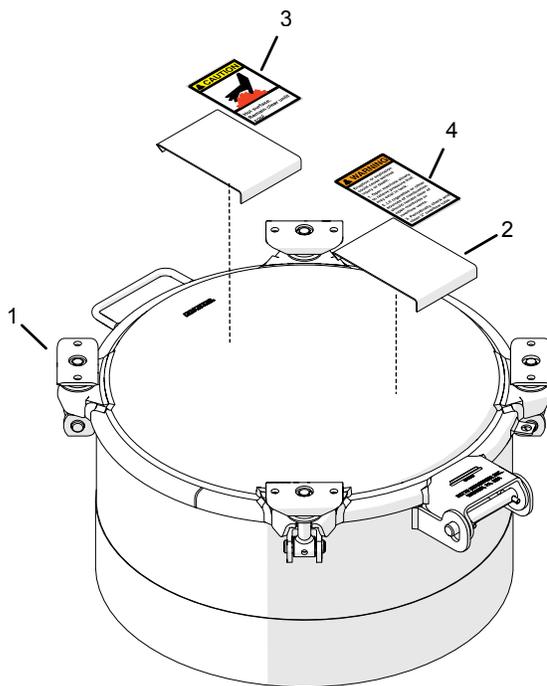
TANK

REF	PART NO.	QTY	DESCRIPTION
1	2700244	1	STRONGBACK ASM-MH, 20 NON-REL
2	0137204	2	PIN-COTTER, 0.12" X 1.5", PD
3	2700233	1	SHAFT-HINGE
4	9411727	2	NUT-HEX, LOCK, 0.50"NCM EA, PD
5	2700259	1	BUSHING-ALIGNMENT,COVER,MH
6	2700241	1	REINFORCER-COVER,
7	2700545	1	COVER ASM-20", NON-REL, 600 DEG.
8	2700232	1	COLLAR ASM
9	2700243	1	HOLD DOWN ASM
10	2700234	1	PROP-COVER
11	0180181	1	SCREW-HEX
12	0444867	1	PLUG-AUTO, HEX SOCK, N0.38"NPTF, PF

Tiona Manhole

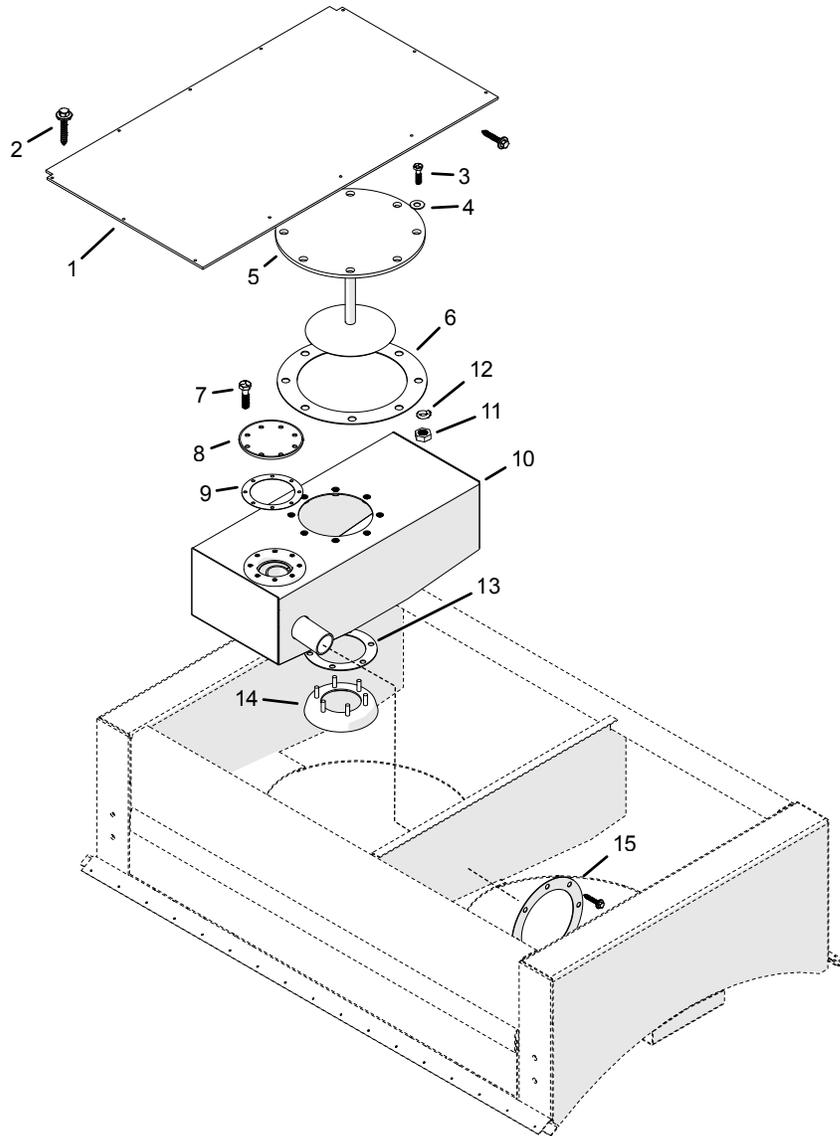
2700807

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REF	PART NO.	QTY	DESCRIPTION
1	2700807	1	MANHOLE ASM, 20" TIONA
2	2780583	2	BRACKET-MTG, CAUTION LABEL
3	3390684	1	DECAL: CAUTION, HOT SURFACE
4	3390679	1	DECAL: WARNING, MANHOLE

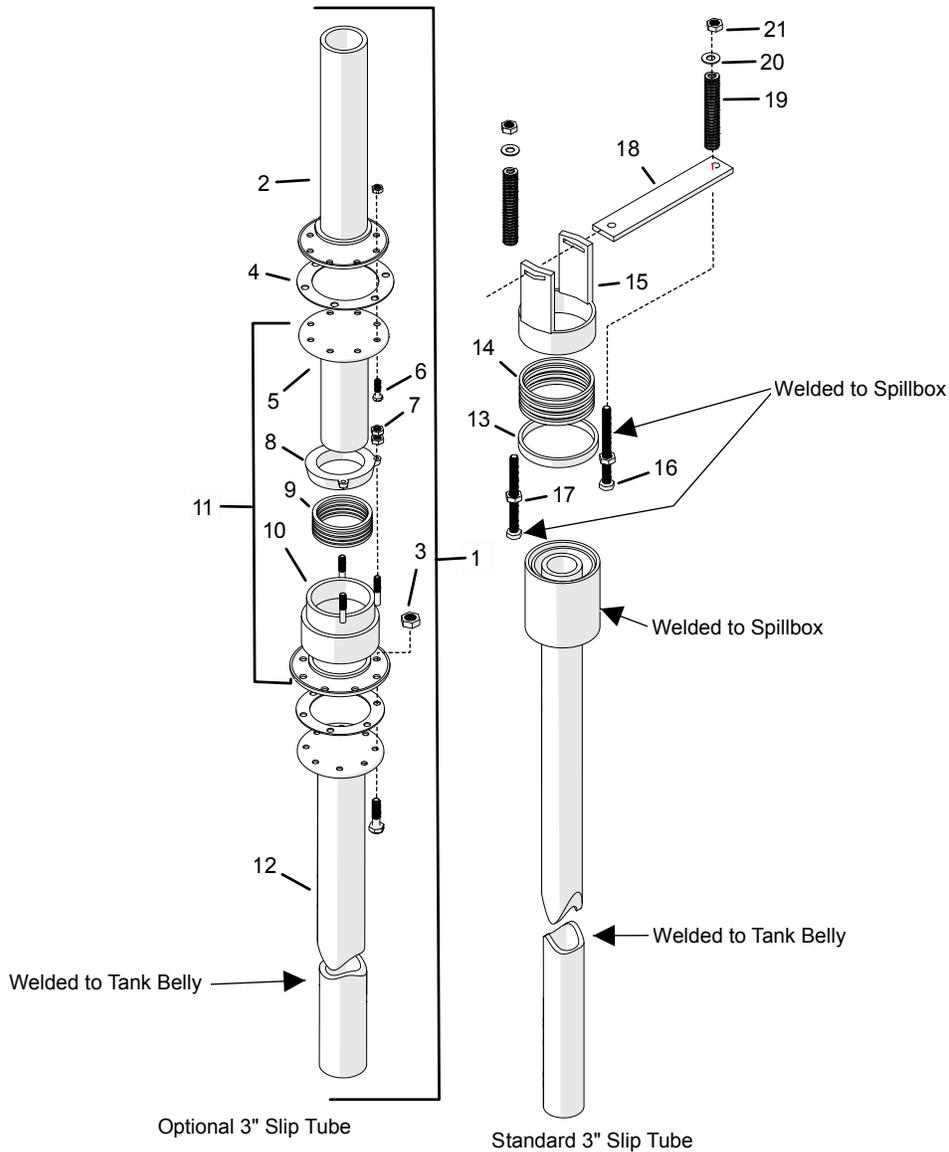
Asphalt Vent - Steel Transport



TANK

REF	PART NO.	QTY	DESCRIPTION
1	2700062	1	COVER-RESERVOIR COMPARTMENT
2	0171026	20	SCREW-TAP, HEX, 1/4 X 1/2, PD
3	0122408	8	SCREW-HEX, 1/2"NC X 1.0", GR2, PD
4	6600264	8	GASKET-1/2" X 3/4", COPPER
5	2700058	1	COVER ASM-INSPECTION, RESERVOIR
6	2740140	1	GASKET-6 IN DISC VALVE
7	0122119	8	SCREW-HEX, 3/8"NC X .75", GR2, PD
8	6200468	1	FLANGE-BLIND, 3"
9	6000071	1	GASKET-FLANGE, 3"
10	2700051	1	SHELL ASM-RESERVOIR, VENT
11	0120378	6	NUT-HEX, 1/2"NC, PD
12	0120384	6	WASHER-LOCK, 1/2" SPRING, PD
13	6200467	1	GASKET-SUMP,10233-D,ALLEGH
14	6200466	1	DRAIN POCKET-3IN,40122-A ALLEG
15	2600042	1	RING-FINISHING, 2" PIPE

Drain Tubes



Optional 3" Slip Tube

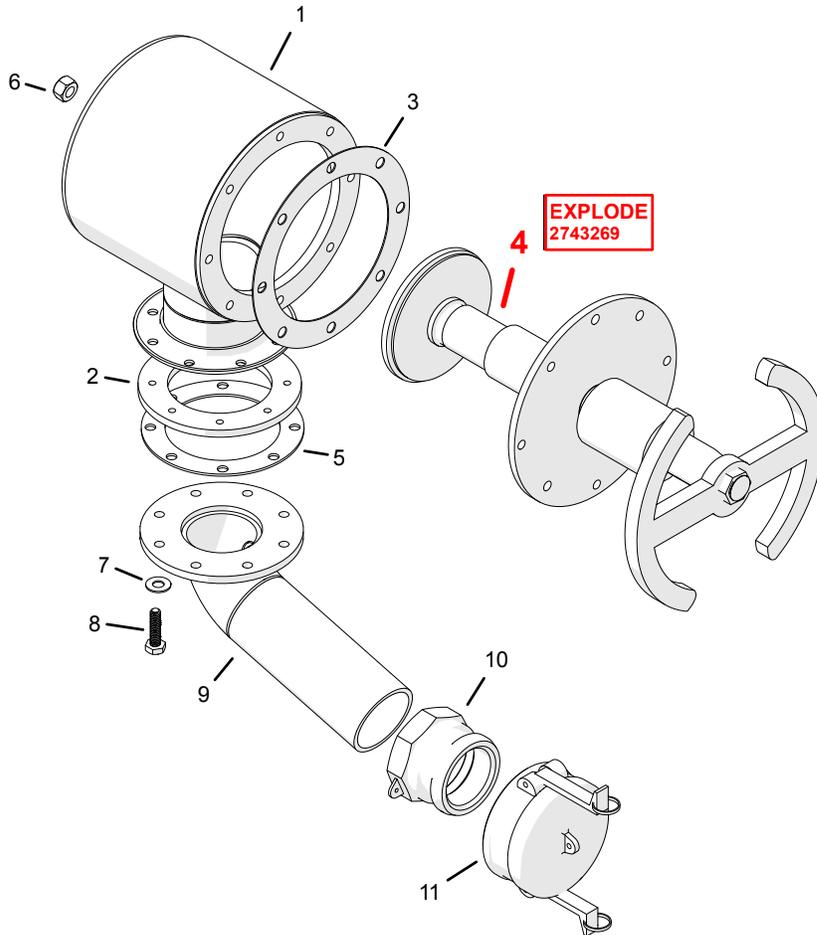
Standard 3" Slip Tube

REF	PART NO.	QTY	DESCRIPTION
1	2750610	1	TUBE-DRAIN, 3 PACK, GLAND
2	2750621	1	EXTENSION ASM-TUBE, DRAIN
3	0274993	16	NUT-HEX, LOCK, 3/8"NC, PD
4	6000071	2	GASKET- FLANGE
5	2750612	1	NIPPLE ASM-MALE
6	0120233	16	SCREW-HEX, 3/8"NC X 1.0", GR2, PD
7	0120377	6	NUT-HEX, 3/8"NC, PD
8	2750623	1	JOINT-SWIVEL, PACKING, GLAND
9	6600323	1	PACKING-MOGUL, 0.38" X 0.29"
10	2750615	1	BODY ASM-NIPPLE STOP
11	2750611	1	GLAND ASM-PACK, DRAIN TUBE
12	2780037	1	EXT ASM-LOWER, 3" DRAIN TUBE
13	2700296	1	RING-INNER, PACKING, DRAIN LINE
14	2700297	4	PACKING-3/8 SQ, 3" DRAIN LINE
15	2700300	1	INSERT ASM-PACKING GLAND, DRAIN
16	6100382	1	BOLT-TAP, HEX HD, 38-16NC X 3.0" LG
17	0120377	2	NUT-HEX, 3/8NC
18	2700302	1	BAR-KEEPER, GLAND INSERT
19	3120059	2	SPRING
20	0120388	2	WASHER-FLAT, 3/8"
21	0274993	2	NUT-HEX, LOCK, 3/8"NC

TANK

6" to 4" Discharge Valve & Piping - Steel Transport

TANK



WARNING

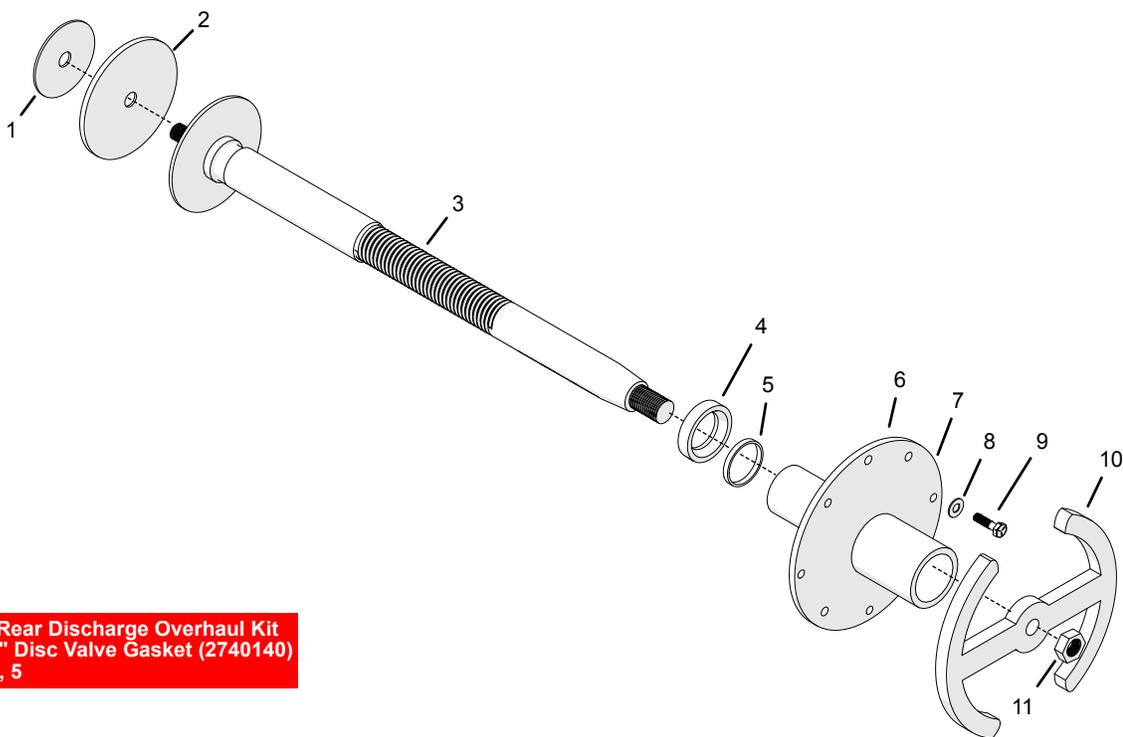
Do Not Handle Viton O Ring if it has been Burned!

Viton O Rings are used in Suction Valves, Ball Joints and Bar Swivels.

REF	PART NO.	QTY	DESCRIPTION
1	2740592	1	BODY ASM-6" DISC VALVE
2	2740430	1	FLANGE-BOLTING,4IN PIPE
3	2740140	1	GASKET-6 IN DISC VALVE
4	2743269	1	STEM ASM-6" DISC VALVE
5	6000065	1	GASKET-4 FLANGE,AV#10233C,ASB.
6	9413948	1	NUT-HEX, LOCK, 5/8"NC, GRA, PD
7	0120382	8	WASHER-LOCK, 0.38", SPRING, PD
8	0122145	8	SCREW-HEX, 0.38"NC X 1.25", GR2, PD
9	2740596	1	PIPE ASM- 3" DISCHARGE
9	2740597	1	PIPE ASM- 4" DISCHARGE
10	6600277	1	ADAPTER-CAM MALE, 3IN NPT,ALUM
10	6000855	1	ADAPTER-CAM TYPE, 4" ALUM
11	6600281	1	CAP-DUST, CAM TYPE, 3" ALUM
11	6000854	1	CAP-DUST, CAM TYPE, 4" ALUM

Stem Asm - 6" Stem Valve

2743269



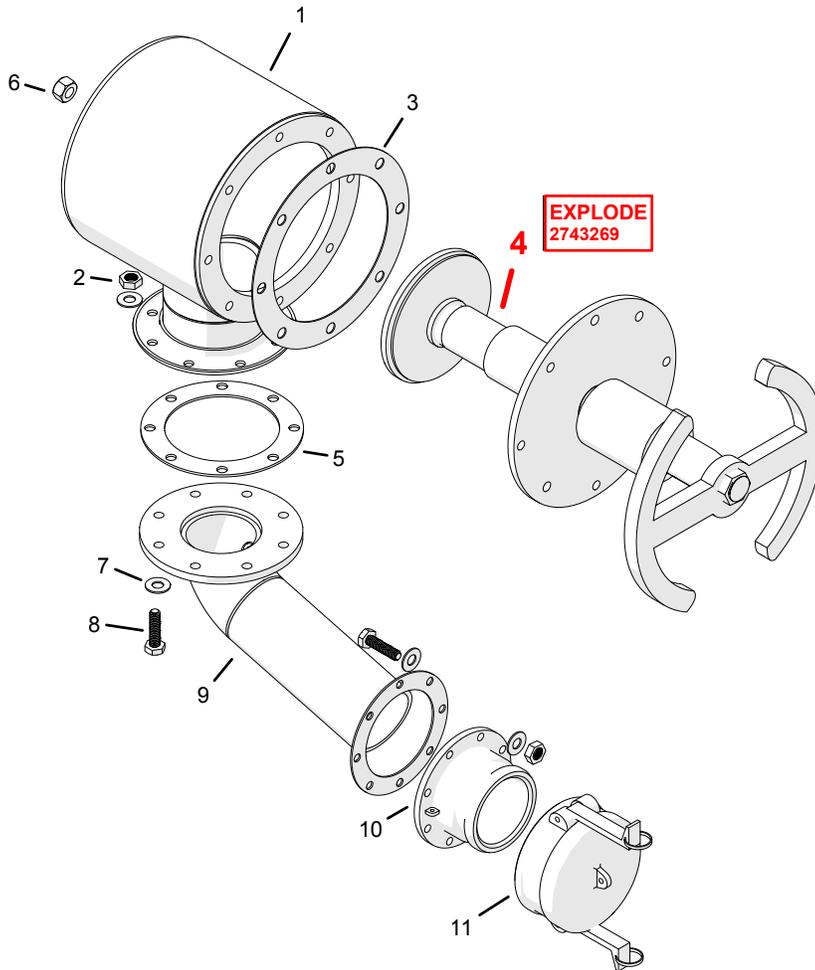
7050698 - Rear Discharge Overhaul Kit
Includes 6" Disc Valve Gasket (2740140)
& REF 2, 4, 5

TANK

REF	PART NO.	QTY	DESCRIPTION
1	2740137	1	RETAINER-GASKET, 6" DISC VALVE
2	2750597	1	RETAINER-GASKET,6 IN DISC VLV
3	2740367	1	PLUNGER ASM-6" DISC VALVE
4	6602151	1	SCRAPER-NITRILE,1.00IDX1.5 OD
5	6602152	1	ORING-1.25" OD X 0.125"
6	2740361	1	PLATE ASM-TOP, 6" PUMP OFF VALVE

REF	PART NO.	QTY	DESCRIPTION
7	2700390	1	SLEEVE-VALVE, JACKET HEAD
8	6600264	8	GASKET-0.75" X 0.50", COPPER
9	0122408	8	SCREW-HEX, 0.50"NC X 1.0", GR2, PD
10	2740354	1	HANDWHEEL-6" PUMP OFF VALVE
11	0274637	1	NUT-HEX, LOCK, 0.50"NF, GRA, PD

6" to 4" Discharge Valve & Piping - Aluminum Transport



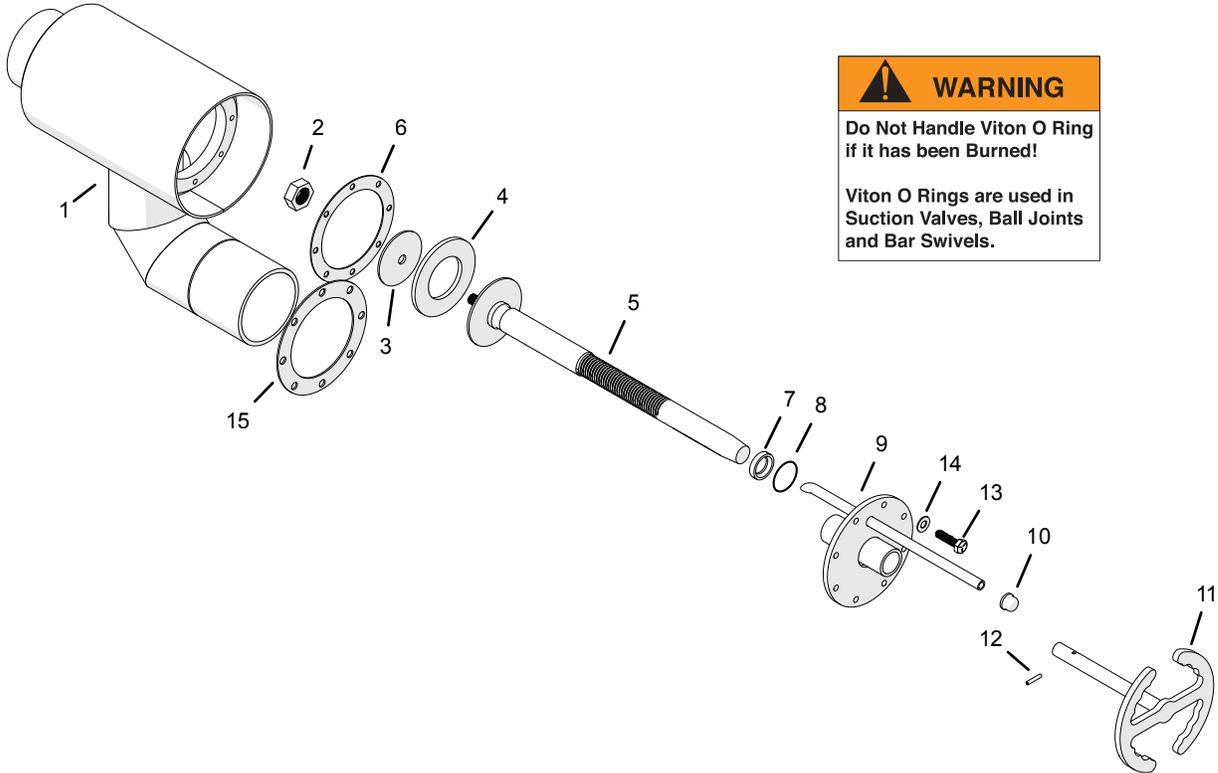
WARNING
 Do Not Handle Viton O Ring if it has been Burned!
 Viton O Rings are used in Suction Valves, Ball Joints and Bar Swivels.

TANK

REF	PART NO.	QTY	DESCRIPTION
1	2740424	1	BODY ASM-6" DISC VALVE
2	0274993	16	NUT-HEX, LOCK, 3/8"NC, GRA, PD
3	2740140	1	GASKET-6 IN DISC VALVE
4	2743269	1	STEM ASM-6" DISC VALVE
5	6000065	2	GASKET-4 FLANGE,AV#10233C,ASB.
6	9413948	1	NUT-HEX, LOCK, 5/8"NC, GRA, PD
7	0120382	32	WASHER-LOCK, 0.38", SPRING, PD
8	0122145	16	SCREW-HEX, 0.38"NC X 1.25", GR2, PD
9	2740596	1	PIPE ASM- 3" DISCHARGE
9	2740597	1	PIPE ASM- 4" DISCHARGE
10	6000893	1	ADAPTOR-CAM TYPE,4IN,FLANGE,AL
10	6000983	1	ADAPTER-CAM TYPE, 3" ALUM
11	6600281	1	CAP-DUST, CAM TYPE, 3" ALUM
11	6000854	1	CAP-DUST, CAM TYPE, 4" ALUM

Front Pump Off Valve

2740442 (Stl) - 2740419 (Alum)



WARNING
 Do Not Handle Viton O Ring if it has been Burned!
 Viton O Rings are used in Suction Valves, Ball Joints and Bar Swivels.

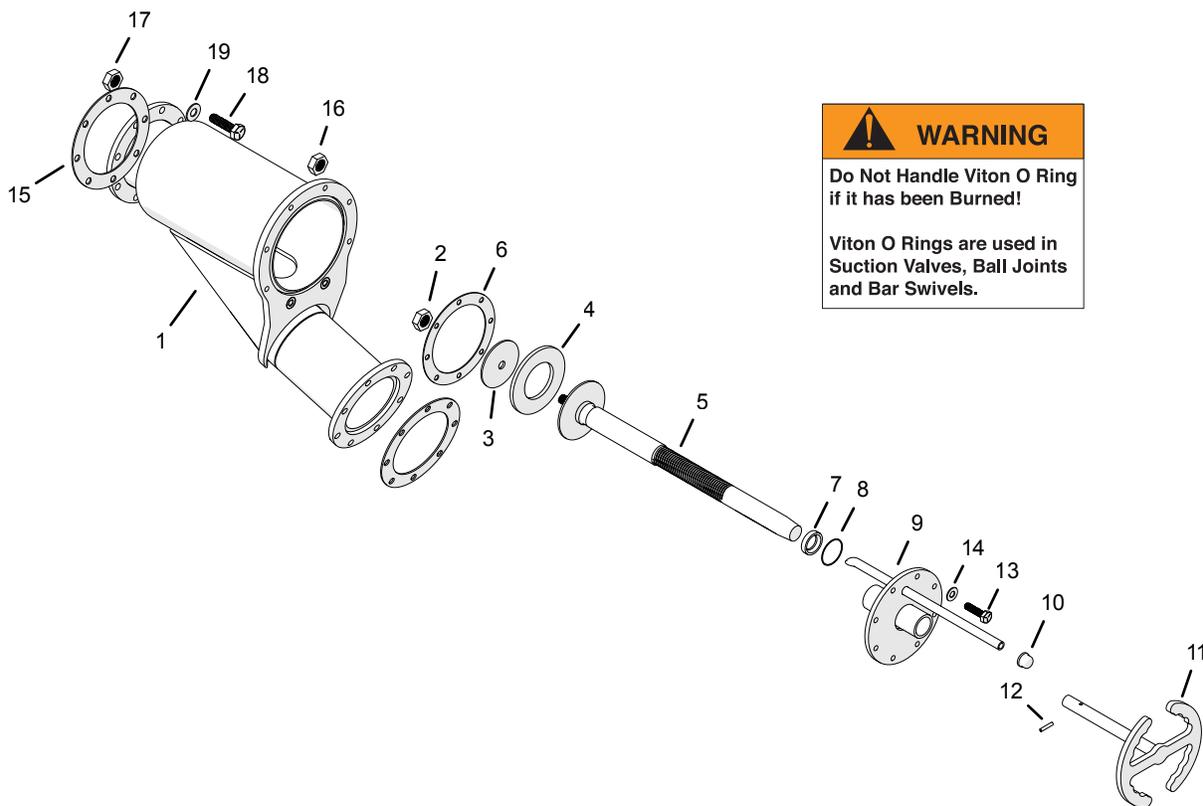
TANK

REF	PART NO.	QTY	DESCRIPTION
1	2740439	1	VALVE-WELDMENT, POV, 406M, FLGD, STL
1	2740418	1	VALVE-WELDMENT, POV, 406M, FLGD, ALUM
2	9411127	1	NUT-HEX, LOCK, 0.5"NC, PD
3	2740175	1	RETAINER-GASKET,SHAFT,4IN POV
4	2740165	1	GASKET-SEAL, 4" POV
5	2740401	1	PLUNGER ASM-4" PUMPOFF VALVE
6	2740189	1	GASKET-TOP PLATE,4IN PO VALVE
7	6602151	1	SCRAPER-NITRILE,1.00IDX1.5 OD
8	6602152	1	O RING-1.02" OD X 0.125"

REF	PART NO.	QTY	DESCRIPTION
9	2740392	1	PLATE ASM-TOP, 4" PUMP OFF VALVE
10	0105411	1	CAP-PIPE, 1/4"NPT, PN
11	2740381	1	WHEEL ASM-HAND, POV
12	0455481	1	PIN-SPRING,0.18X0.87
13	0122007	8	SCREW-HEX, 0.31"NC X 0.75", GR2, STL
13	0122027	8	SCREW-HEX, 0.31"NC X 1.25", GR2, ALUM
14	0120214	8	WASHER-LOCK, 0.31", SPRING, PD
15	6000065	1	GASKET-4 FLANGE,AV#10233C,ASB.

Front Pump Off Valve

2740917 (Alum)



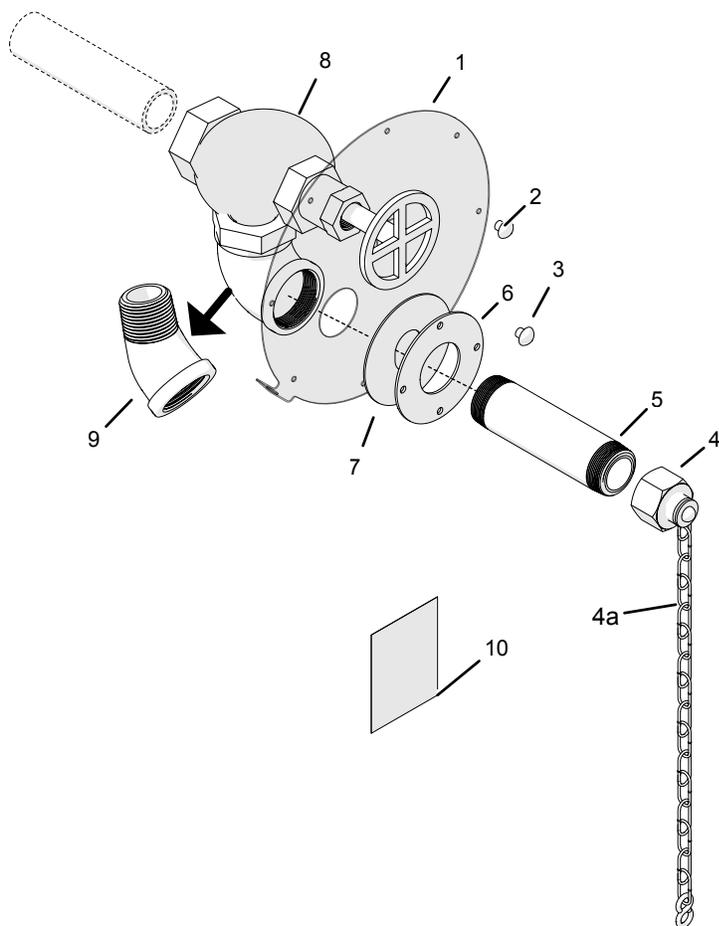
WARNING
 Do Not Handle Viton O Ring if it has been Burned!
 Viton O Rings are used in Suction Valves, Ball Joints and Bar Swivels.

TANK

REF	PART NO.	QTY	DESCRIPTION
1	2740898	1	VALVE-WELDMENT, VALVE, ALUM
2	9411127	1	NUT-HEX, LOCK, 0.5"NC, PD
3	2740175	1	RETAINER-GASKET,SHAFT,4IN POV
4	2740165	1	GASKET-SEAL, 4" POV
5	2740401	1	PLUNGER ASM-4" PUMPOFF VALVE
6	2740918	1	GASKET-TOP PLATE,4IN PO VALVE
7	6602151	1	SCRAPER-NITRILE,1.00IDX1.5 OD
8	6602152	1	O RING-1.25" OD X 0.125"
9	2740893	1	PLATE ASM-TOP, 4" PUMP OFF VALVE
10	0105411	1	CAP-PIPE, 1/4"NPT, PN

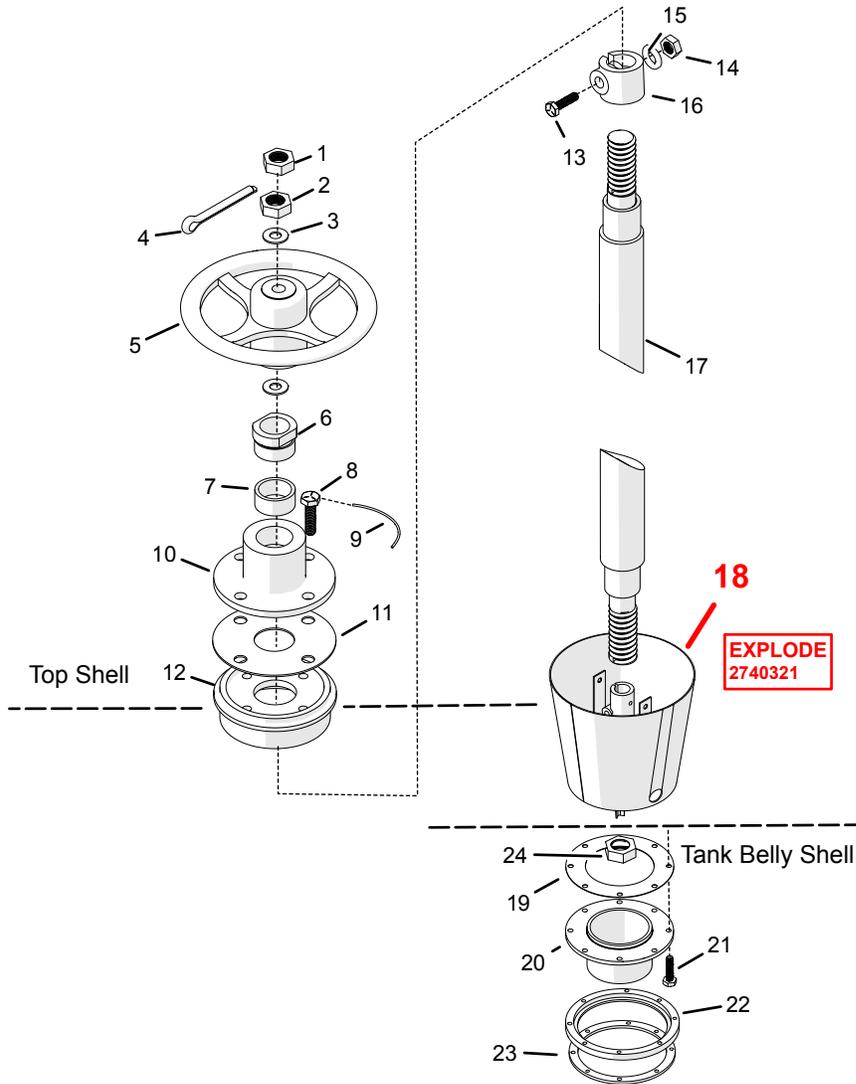
REF	PART NO.	QTY	DESCRIPTION
11	2740438	1	WHEEL ASM-HAND, POV, LONG
12	0455481	1	PIN-SPRING,3/16X1.0
13	0122027	8	SCREW-HEX, 0.31"NC X 1.25", GR2, PD
14	0120394	6	WASHER-FLAT, 0.31", PD
15	6000065	2	GASKET-4 FLANGE,AV#10233C,ASB.
16	9411638	6	NUT-HEX, LOCK, 5/16"NC, PD
17	0274993	8	NUT-HEX, LOCK, 3/8"NC, PD
18	0120918	8	SCREW-HEX, 0.38"NC X 1.5", GR2, PD
19	0120214	32	WASHER-FLAT, 0.31, (0.38 X 0.88), PD

Sampling Valve



REF	PART NO.	QTY	DESCRIPTION
1	2780021	1	RING,FIN,RECESS,SAMPLE VALVE
2	6000434	6	RIVET-DR,0.19, 0.12GRIP, 0.17 MAX
3	6000436	6	RIVET-DR, 0.19 DR, 0.18 GRIP, 0.234 MAX
4	2780038	1	CAP ASM (Includes Chain & Mtg Clip)
4a	6000345	1	CHAIN
5	0190724	1	NIPPLE-SCH40, 0.75" X 4.0", PN
6	2700161	1	RING-FINISH,SAMPLE VLV,OUTLET
7	2700162	1	GASKET-SAMPLE VALVE OUTLET
8	6600349	1	VALVE-0.75", ANGLE, CRANE 2
9	0140798	1	ELBOW-PIPE,45,ST,0.75NPT,PN
10	3390531	1	PLATE-WARNING SAMPLING VALVE

6" Top Control Valve



FASTENER	TORQUE
Fastener	Foot Lbs
REF 1	60
REF 8	15
REF 14	24
REF 21	30
REF 24	7

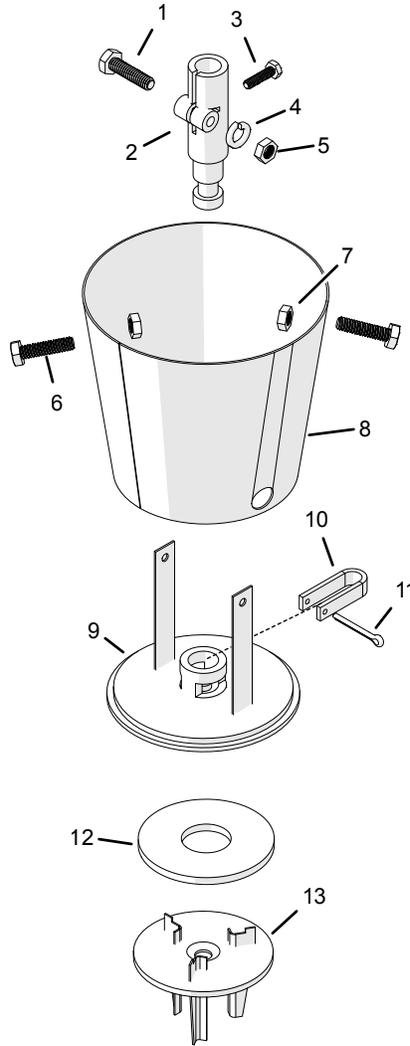
REF	PART NO.	QTY	DESCRIPTION
1	0124589	1	NUT-HEX, 5/8"NC
2	6000390	1	NUT-HEX, 5/8"NC, DRILLED
3	6100028	2	WASHER-WROUGHT, 14GA, 5/8" X 1.5"
4	0103388	1	PIN-COTTER, 0.19X1.50, PD
5	3340417	1	HAND WHEEL-INSIDE VALVE
6	3340436	1	NUT-PACKING, INSIDE VALVE
7	3340474	1	PACKING
8	6000389	4	SCREW-HEX, 3/8"NC X 0.75", DRILLED
9	6303422	AR	WIRE-0.41" IDA, STAINLESS
10	3340418	1	CONNECTION-FLANGED
11	3340416	1	GASKET-FINISHING RG, HAND WHL.
12	2750086	1	GLAND ASM-PACKING, VALVE SHAFT
13	0122181	2	SCREW-HEX, 0.38"NC, X 2.0"
14	0120377	2	NUT-HEX, 3/8"NC
15	0120382	2	WASHER-LOCK, 3/85", SPRING
16	2750260	1	CLAMP ASM-STOP
17	2750278	1	SHAFT-SPECIFY LENGTH, CALL W/ UNIT SN
18	2740321	1	CONE ASM-SEAT, 6" VALVE
19	2740313	1	GASKET-SEAT FLANGE, 6IN VALVE
20	2740316	1	TUBE ASM-OUTLET SEAT, 6" VALVE
21	0122408	8	SCREW-HEX, 1/2"NC X 1.0"
22	2740195	1	FLANGE-OUTLET, 6" VALVE
23	2740629	1	GASKET-OUTLET, 6" VALVE
24	9413948	1	NUT-HEX, LOCK, 5/8"NC

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Cone Asm - Seat

2740321



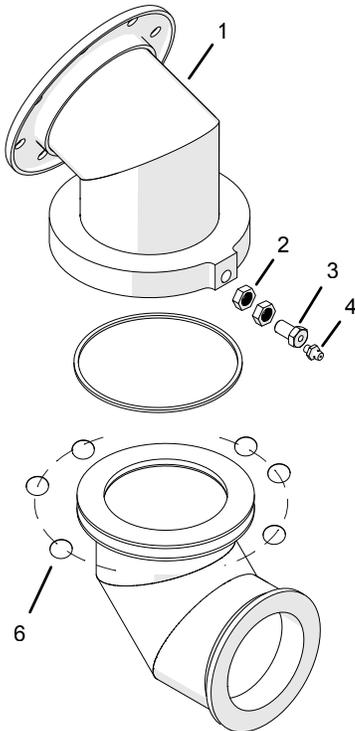
REF	PART NO.	QTY	DESCRIPTION
1	0180130	1	SCREW-HEX, 0.38"NC, X 2.0"
2	2740309	1	SPINDLE ASM-LIFTING, VALVE SEAT
3	6000389	1	SCREW-HEX, .31"NC X 0.75", DRILLED
4	0120382	1	WASHER-LOCK, 3/85", SPRING
5	0120377	1	NUT-HEX, 3/8"NC
6	Q016836	2	SCREW-HEX, 5/16"
7	9411638	2	NUT-HEX, 5/16"NC
8	2740320	1	CONE-VALVE,6", TOP CONTROL
9	2740319	1	SEAT ASM-BASE, 6" CONE VALVE
10	2740138	1	CLIP-SHAFT TO SEAT, 6" DISC VALVE
11	0103409	1	PIN-COTTER,0.19X1.50,PD
12	2750597	1	GASKET ASM
13	2740318	1	GUIDE-RETAINER ASM

TANK

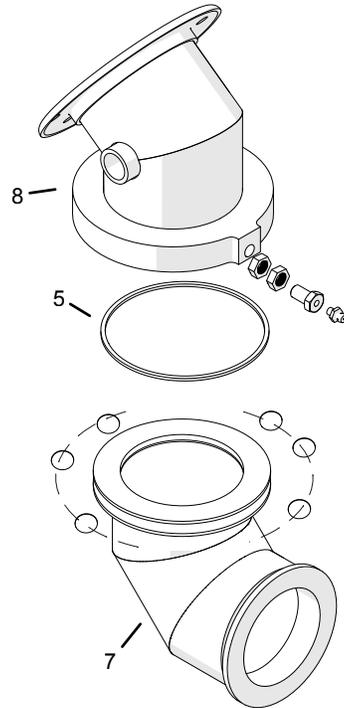
4 X 3 Swivel Assemblies

2740460 & 2740903

SWIVEL 2740460
USED WITH 2740442
AND 2740419

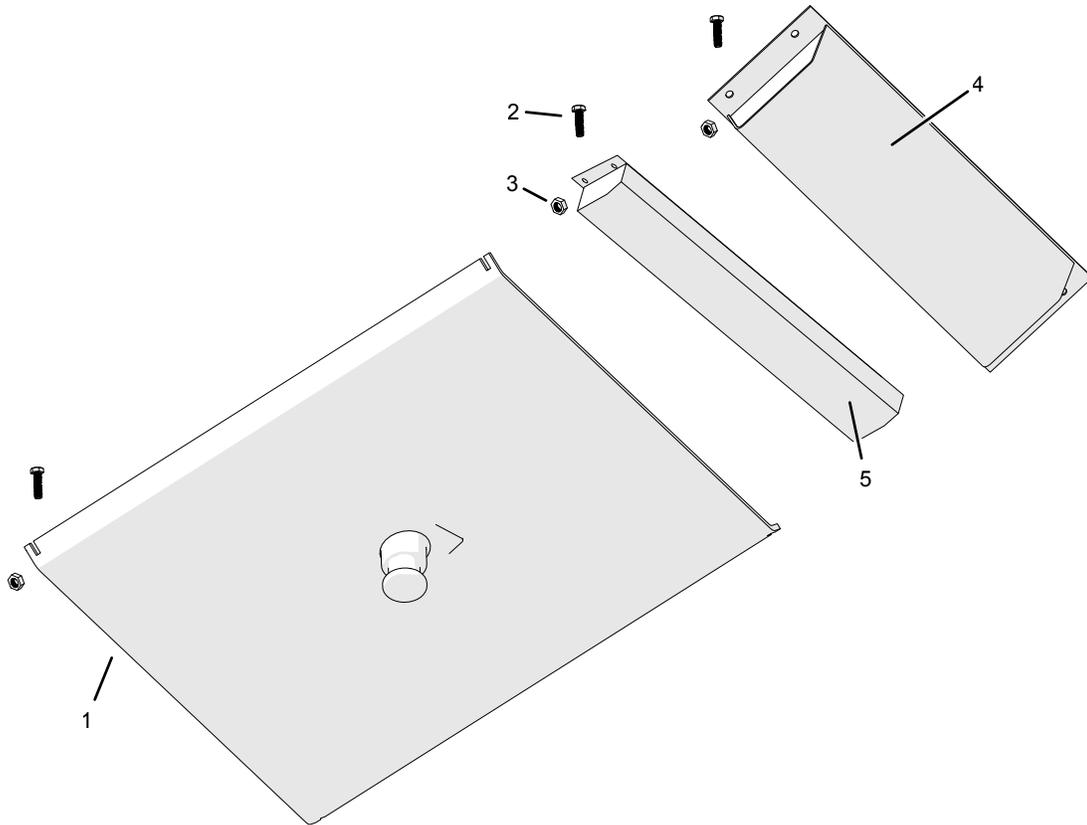


SWIVEL 2740903
USED WITH 2740903



REF	PART NO.	QTY	DESCRIPTION
1	2740420	1	SWIVEL WELDMENT-UPPER
2	0272123	2	NUT-HEX, JAM, 7/16NF, PD
3	2740371	1	SCREW-GREASE FITTING
4	9411027	1	FITTING-LUB,STGT X 1/2 TYP C
5	6602118	1	O RING-5.5" OD X 0.25"
6	6000290	47	BALL-3/8", STEEL
7	2740459	1	SWIVEL WELDMENT-LOWER
8	2740902	1	SWIVEL WELDMENT-UPPER

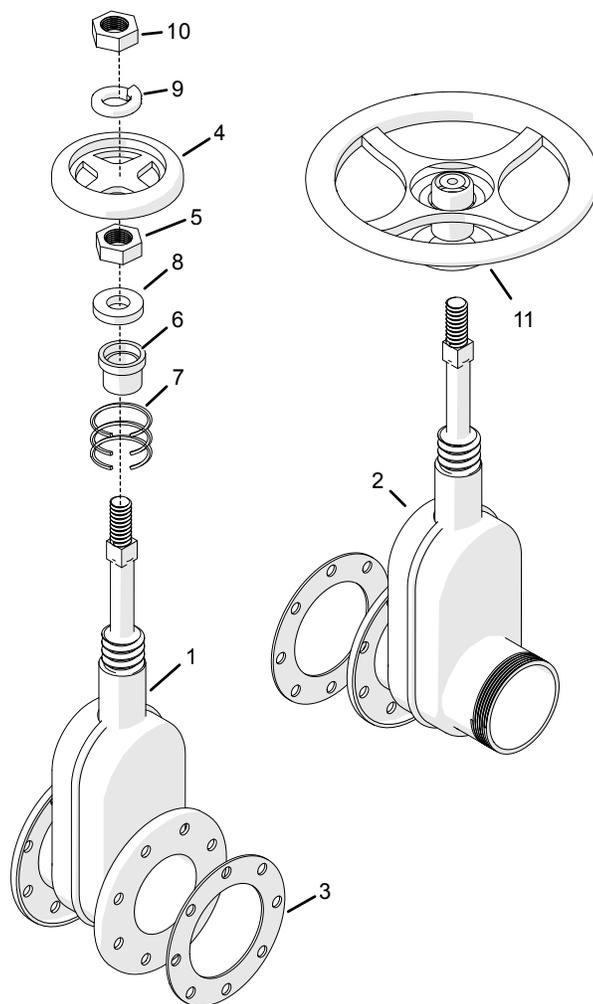
Fifth Wheel Plate



TANK

REF	PART NO.	QTY	DESCRIPTION
1	2710183	1	UPPER COUPLER ASM-2" X 34k
1	2710195	1	UPPER COUPLER ASM-2" X 50k
2	0223512	24	SCREW-HEX, 5/8"NC-2A X 1.75", GR8
3	9419530	24	NUT-LOCK, 5/8"NC, NYLON INSERT
4	2710182	*	CHANNEL ASM-PICKUP, LARGE, 3"
5	2710191	*	CHANNEL ASM-PICKUP, SMALL, 3"

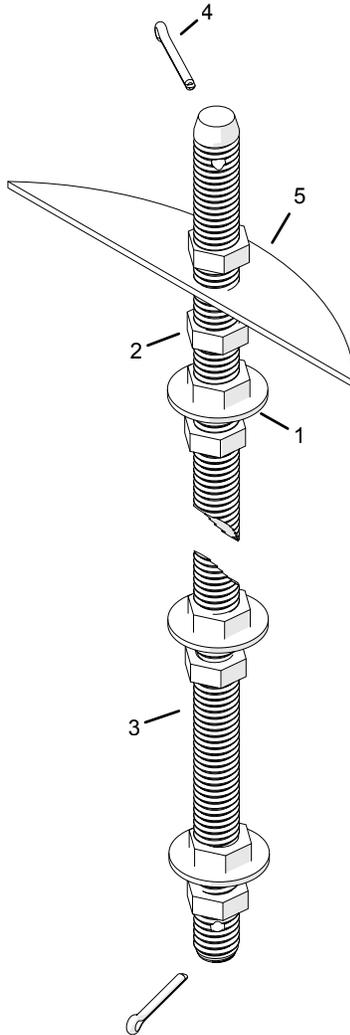
3" & 4" Gate Valves



TANK

REF	PART NO.	QTY	DESCRIPTION
1	6600045	AR	VALVE-GATE, 3", DBL FLANGED
1	6600119	AR	VALVE-GATE, 4", DBL FLANGED
2	6600051	AR	VALVE-GATE, 3", FLANGED/HOSE END
2	6600052	AR	VALVE-GATE, 4", FLANGED/HOSE END
3	6000071	AR	GASKET-3" FLANGE
3	6000065	AR	GASKET-4" FLANGE
4	7430113	1	HANDWHEEL-3" VALVE
5	7430114	1	NUT-STUFFING, 3" VALVE
5	7430119	1	NUT-STUFFING, 4" VALVE
6	7430115	1	GLAND-PACKING, 3" VALVE
6	7430120	1	GLAND-PACKING, 4" VALVE
7	7430116	1	PACKING-3" VALVE
7	7430121	1	PACKING-4" VALVE
8	7430117	1	WASHER-GLAND, 3" VALVE
8	7430122	1	WASHER-GLAND, 4" VALVE
9	0120383	1	WASHER-LOCK, 7/16", SPRING, PD
10	7430112	1	NUT-HEX, 7/16"
11	7430118	1	HANDWHEEL, 4" VALVE
12	6000068	1	FLANGE-FLUED, 3" VALVE (Not Shown)
12	6000064	1	FLANGE-FLUED, 4" VALVE (Not Shown)

Marker Rod

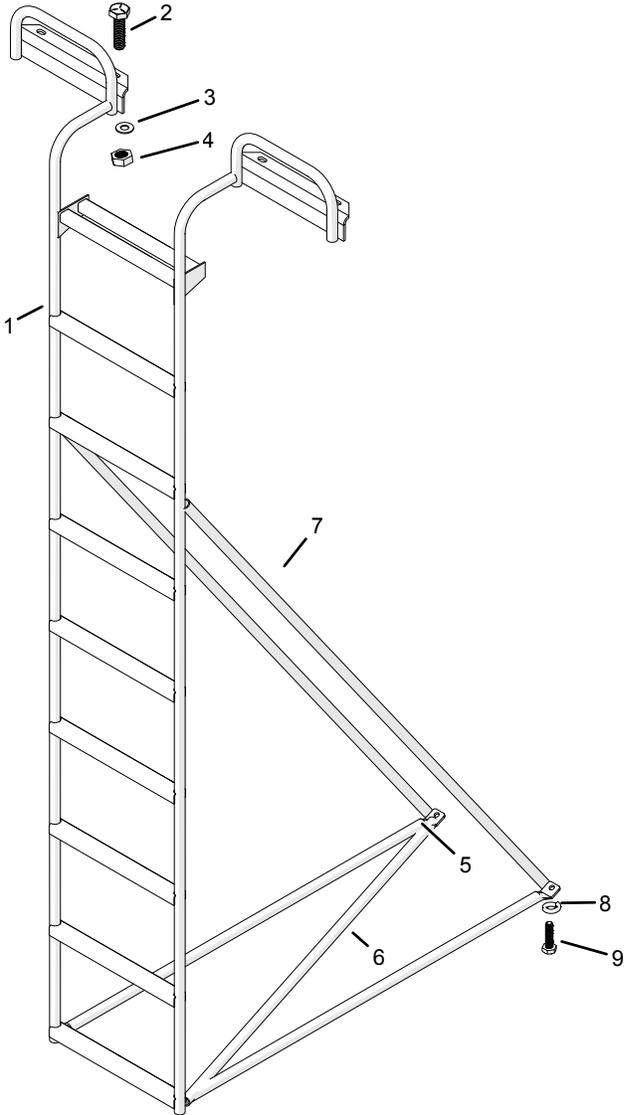


TANK

REF	PART NO.	QTY	DESCRIPTION
1	2750172	3	MARKER ASM-LEVEL
2	0124589	5	NUT-HEX, 5/8"NC, PD
3	2780440	1	ROD-MARKER, 36" LONG
4	0103409	2	PIN-COTTER,0.19X1.50,PD
5	2780439	1	BRACKET-LEVEL MARKER ROD ALUM.

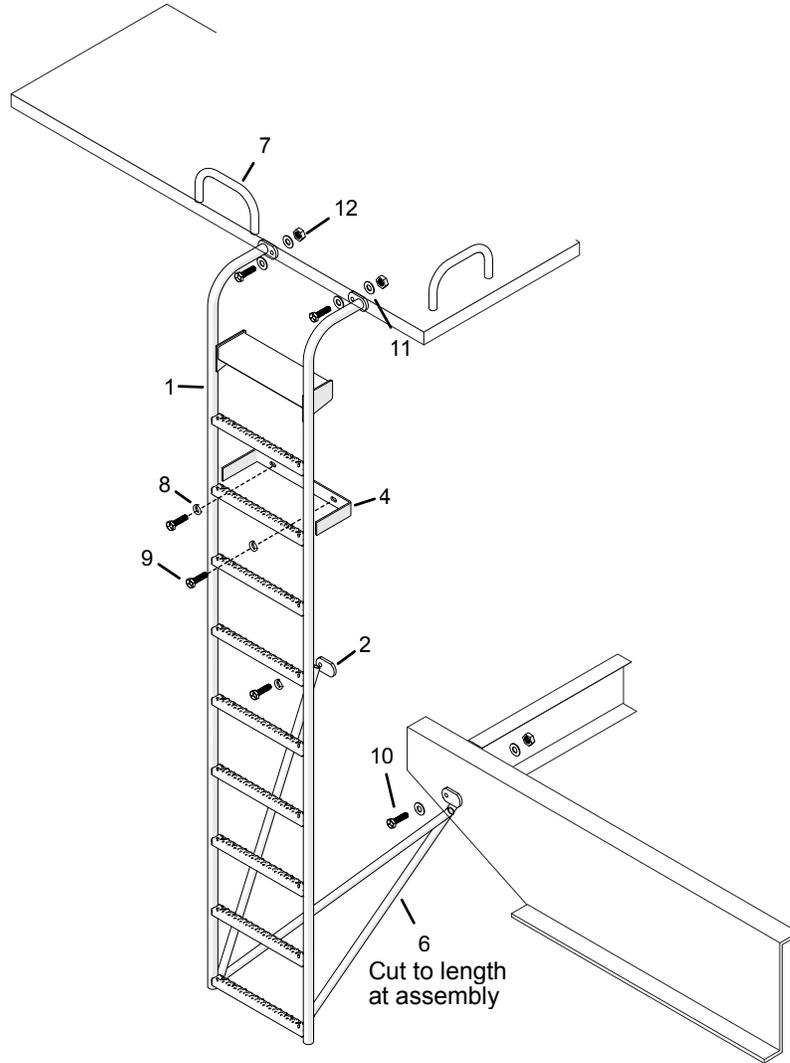
Ladder Assembly - Steel Transport

TANK



REF	PART NO.	QTY	DESCRIPTION
1	2780628	1	LADDER ASM-SIDE, STEEL
2	0120426	4	SCREW-HEX, 0.50"NC X 1.25", GR2, PD
3	0120390	4	WASHER-FLAT, 0.50A, W, PD
4	9411727	4	NUT-HEX, LOCK, 0.50"NC, EA, PD
5	2780575	2	BACKSTAY-LADDER,STEEL,SIDE
6	2780671	1	BACKSTAY-LADDER,STEEL,SIDE
7	2780138	2	BACKSTAY-LADDER,STEEL,SIDE
8	0120384	2	WASHER-LOCK, 0.50, SPRING, PD
9	0120426	2	SCREW-HEX, 0.50"NC X 1.25", GR2, PD

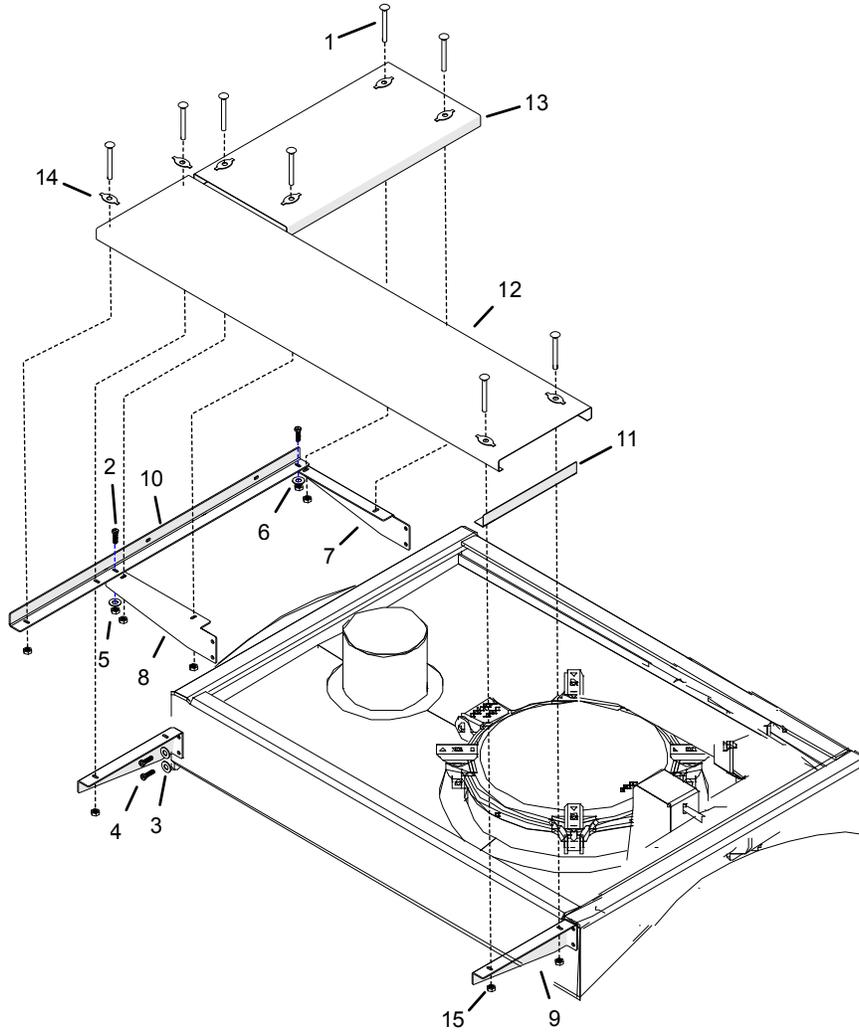
Ladder Assembly - Aluminum Transport



TANK

REF	PART NO.	QTY	DESCRIPTION
1	2781509	1	LADDER ASM-SIDE, ALUM
2	2780530	2	PLATE-MOUNTING,ALUM,LADDER
3	2710601	3	STANDOFF ASM-ALUM (Not Shown)
4	2780553	1	BRACKET-CENTER,ALUM LADDER
5	2710087	2	PAD-STANDOFF, ALUM (Not Shown)
6	2780396	3	BACKSTAY-LADDER,ALUM
7	2780529	2	HANDLE-GRAB,ALUM,PLATFORM
8	0120384	3	WASHER-LOCK, 0.5"
9	0120426	3	SCREW-HEX, 0.5"NC X 1.25"
10	0122433	3	SCREW-HEX, 0.5"NC X 1.5"
11	0120390	6	WASHER-FLAT, 0.5"
12	9411727	3	NUT-HEX, LOCK, 0.5"NC

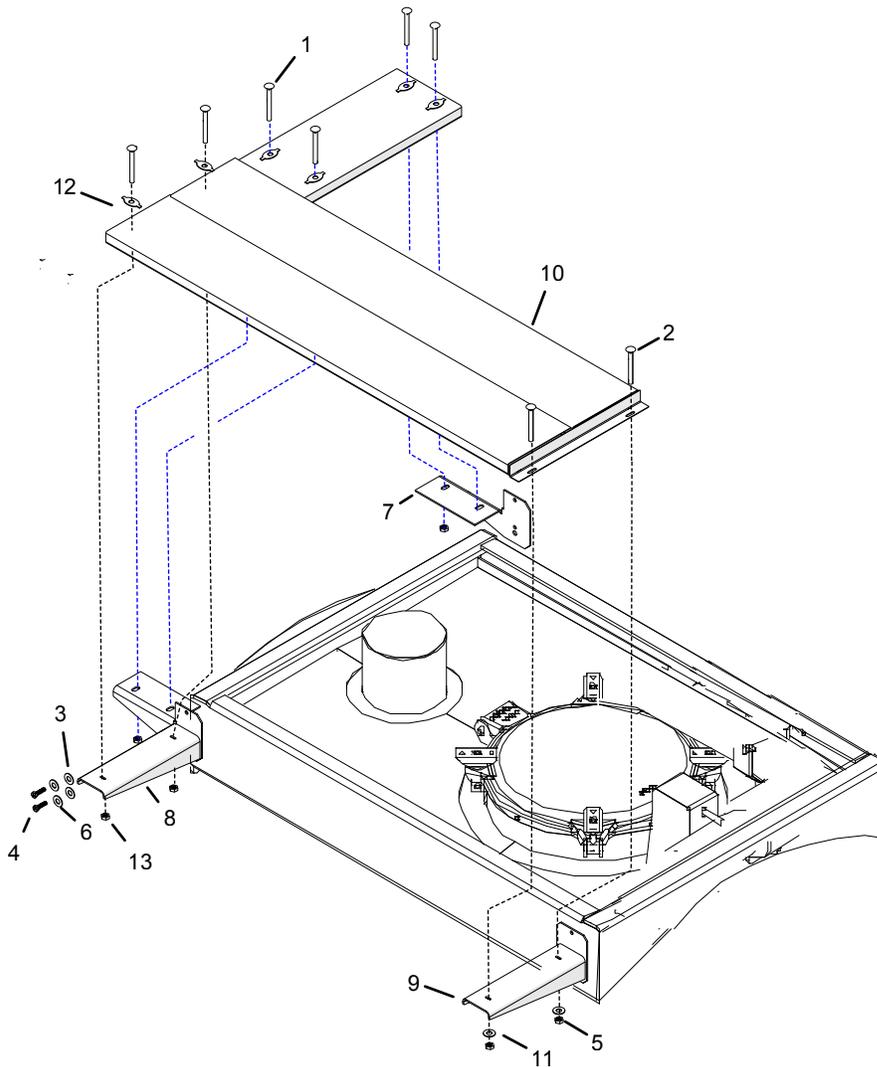
Curbside & Rear Platform - Steel Transport



TANK

REF	PART NO.	QTY	DESCRIPTION
1	0126662	10	SCREW-RDSQNKBLT,0.31NCX3.00,PD
2	0120233	2	SCREW-HEX, 3/8"NC X 1.0", GR2, PD
3	0120390	6	WASHER-FLAT, 0.5", PD
4	0180175	8	SCREW-HEX, 0.5"NC X 1.25", GR5, PD
5	0274993	2	NUT-HEX, LOCK, 3/8"NC, PD
6	0446363	2	WASHER-FLAT, 5/16", PD
7	2780618	1	BRACKET-PLATFORM,END,LEFT
8	2780619	1	BRACKET-PLATFORM,END,RIGHT
9	2780620	2	BRACKET-PLATFORM,SIDE,RIGHT
10	2780621	1	BRACE-PLATFORM,END,L-TYPE
11	2780622	1	CAP-END,PLATFORM,18.75 IN
12	2780623	1	GRAT-GRIPST 18 3/4W
13	2780624	1	END-PLATFORM,GRIP STRUT X 39
14	6000861	10	ANCHOR-GRIP STRUT
15	9411638	10	NUT-HEX, LOCK, 5/16"NC, PD

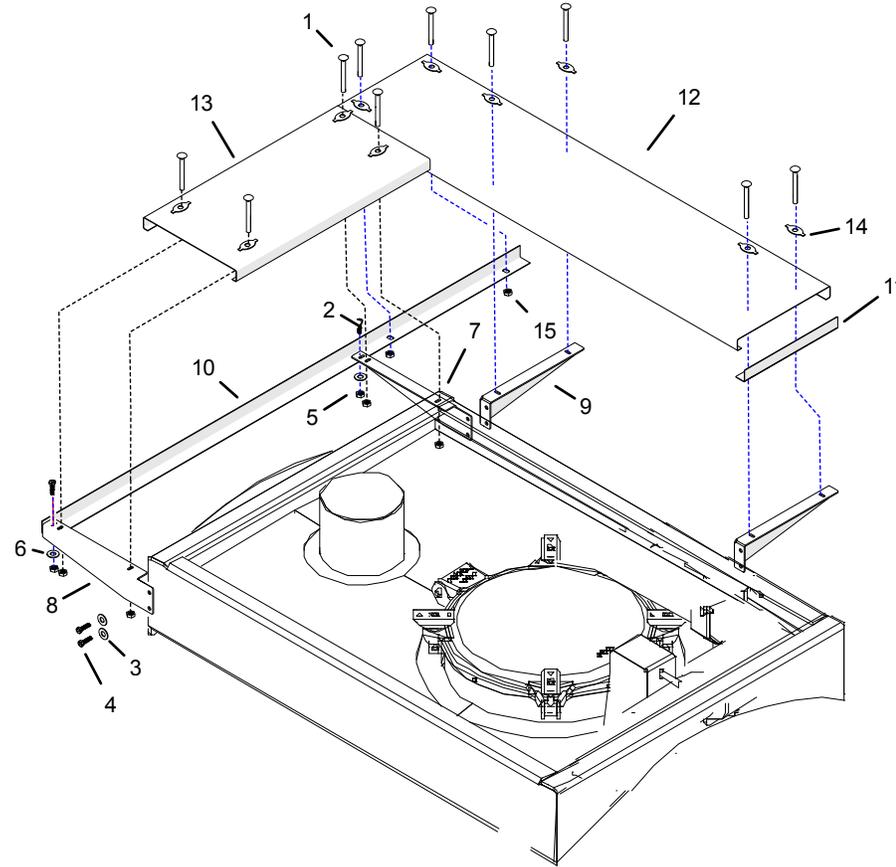
Curbside & Rear Platform - Aluminum Transport



TANK

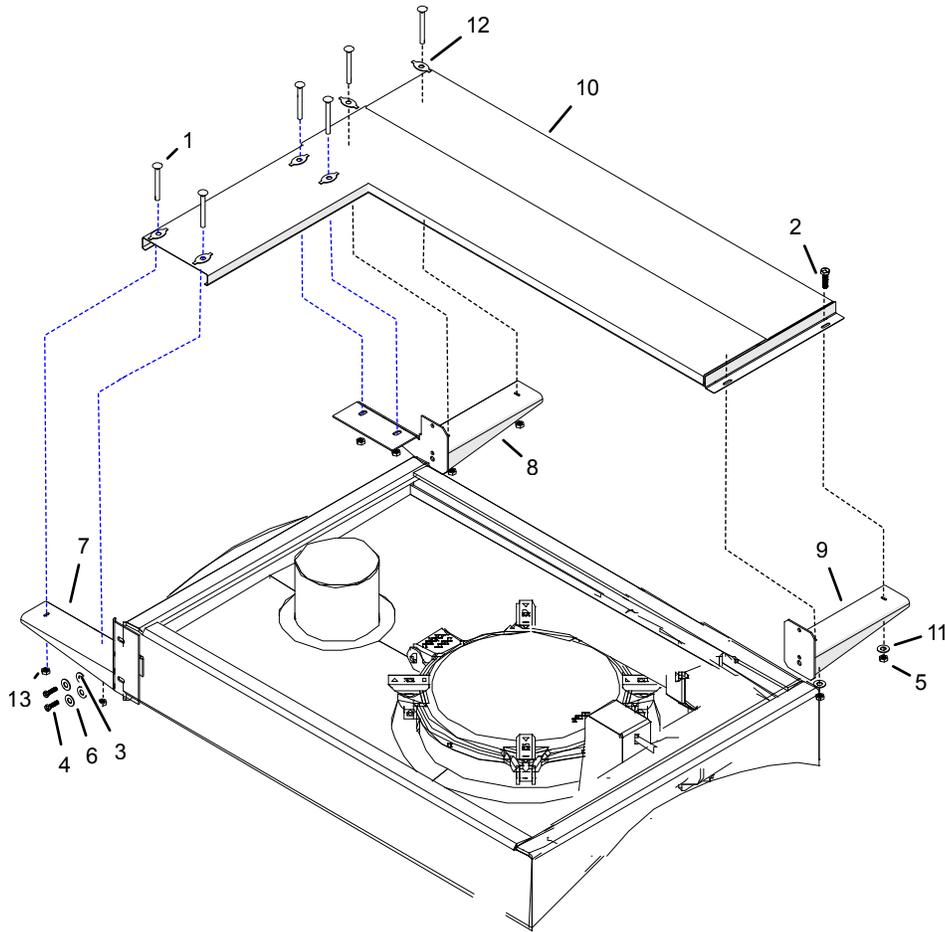
REF	PART NO.	QTY	DESCRIPTION
1	0126662	7	SCREW-RDSQNKBLT,0.31NCX3.00,PD
2	0122154	2	SCREW-HEX, 3/8"NC X 1.5", GR2, PD
3	0120390	8	WASHER-FLAT, 0.5", PD
4	0122433	8	SCREW-HEX, 0.5"NC X 1.5", GR2, PD
5	0274993	2	NUT-HEX, LOCK, 5/16"NC, PD
6	0120384	8	WASHER-FLAT, 0.5", PD
7	2780639	1	BRACKET-END PLATFORM,ALUM,LH
8	2780640	1	BRACKET-PLATFORM, END, RIGHT, ALUM
9	2780656	1	BRACKET-SIDE,PLATFORM
10	2780665	1	PLATFORM ASM-L SHAPE, ALUM.
11	0120390	6	WASHER-FLAT, 0.5", PD
12	6000861	10	ANCHOR-GRIP STRUT
13	9411638	10	NUT-HEX, LOCK, 5/16"NC, PD

Roadside & Rear Platform - Steel Transport



REF	PART NO.	QTY	DESCRIPTION
1	0126662	10	SCREW-RDSQNKBLT,0.31NCX3.00,PD
2	0120233	2	SCREW-HEX, 3/8"NC X 1.0", GR2, PD
3	0120390	6	WASHER-FLAT, 0.5", PD
4	0180175	8	SCREW-HEX, 0.5"NC X 1.25", GR5, PD
5	0274993	2	NUT-HEX, LOCK, 3/8"NC, PD
6	0446363	2	WASHER-FLAT, 5/16", PD
7	2780618	1	BRACKET-PLATFORM,END,LEFT
8	2780619	1	BRACKET-PLATFORM,END,RIGHT
9	2780629	2	BRACKET-PLATFORM,SIDE,LEFT
10	2780630	1	BRACE-PLATFORM,END,L-TYPE,LEFT
11	2780622	1	CAP-END,PLATFORM,18.75 IN
12	2780623	1	GRAT-GRIPST 18 3/4W
13	2780624	1	END-PLATFORM,GRIP STRUT X 39
14	6000861	10	ANCHOR-GRIP STRUT
15	9411638	10	NUT-HEX, LOCK, 5/16"NC, PD

Roadside & Rear Platform - Aluminum Transport



TANK

REF	PART NO.	QTY	DESCRIPTION
1	0126662	7	SCREW-RDSQNKBLT,0.31NCX3.00,PD
2	0122154	2	SCREW-HEX, 3/8"NC X 1.5", GR2, PD
3	0120390	8	WASHER-FLAT, 0.5", PD
4	0122433	8	SCREW-HEX, 0.5"NC X 1.5", GR2, PD
5	0274993	2	NUT-HEX, LOCK, 5/16"NC, PD
6	0120384	8	WASHER-FLAT, 0.5", PD
7	2780638	1	BRACKET-PLATFORM, END, LEFT, ALUM
8	2780641	1	BRACKET-PLATFORM, END, RIGHT, ALUM
9	2780656	1	BRACKET ASM-PLATFORM, ALUM
10	2780666	1	PLATFORM ASM, L-SHAPE, ALUM
11	0446363	3	WASHER-FLAT, 0.5", PD
12	6000861	7	ANCHOR-GRIP STRUT
13	9411638	7	NUT-HEX, LOCK, 5/16"NC, PD

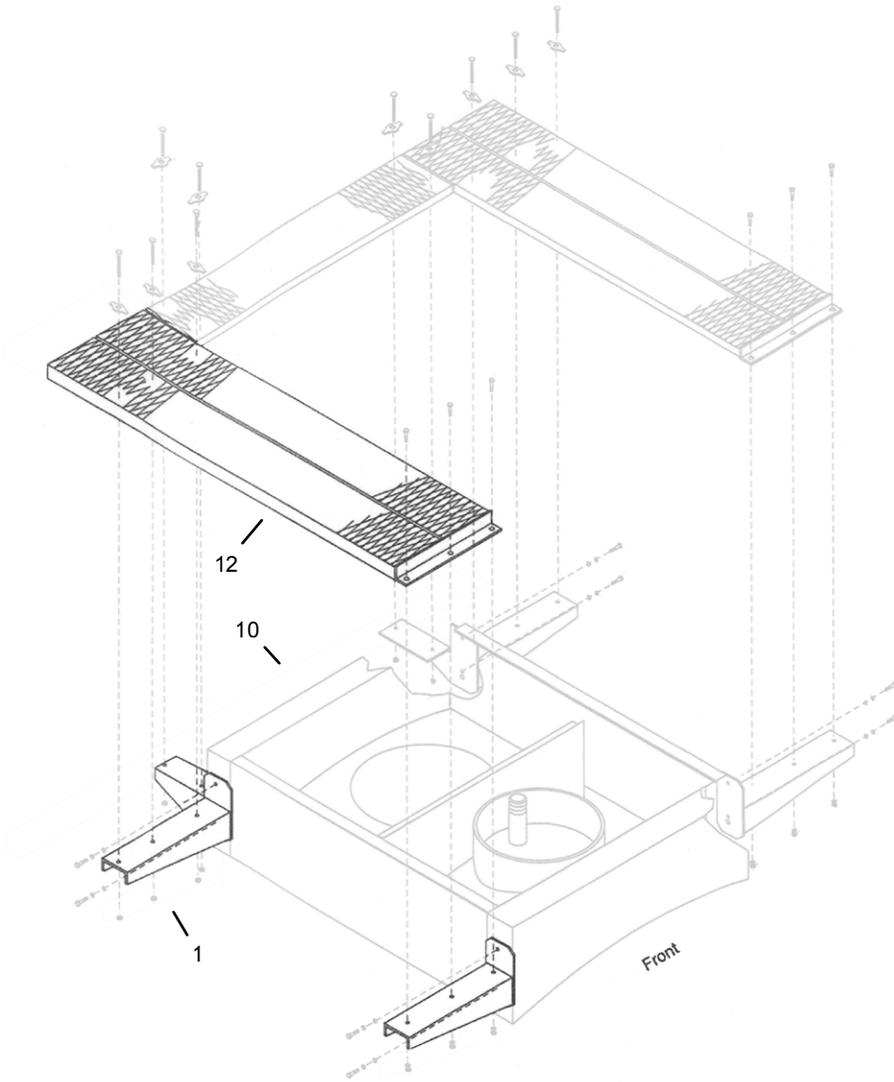
3 Sided & 4 Sided Platform - Steel Transport

9301263

9301266

NOTE: Configuration is the same as
Roadside & Rear Platform - Steel Transport (Page 27)
With the exception of (2) of REF 12, a different REF 10
and addition of REF 1

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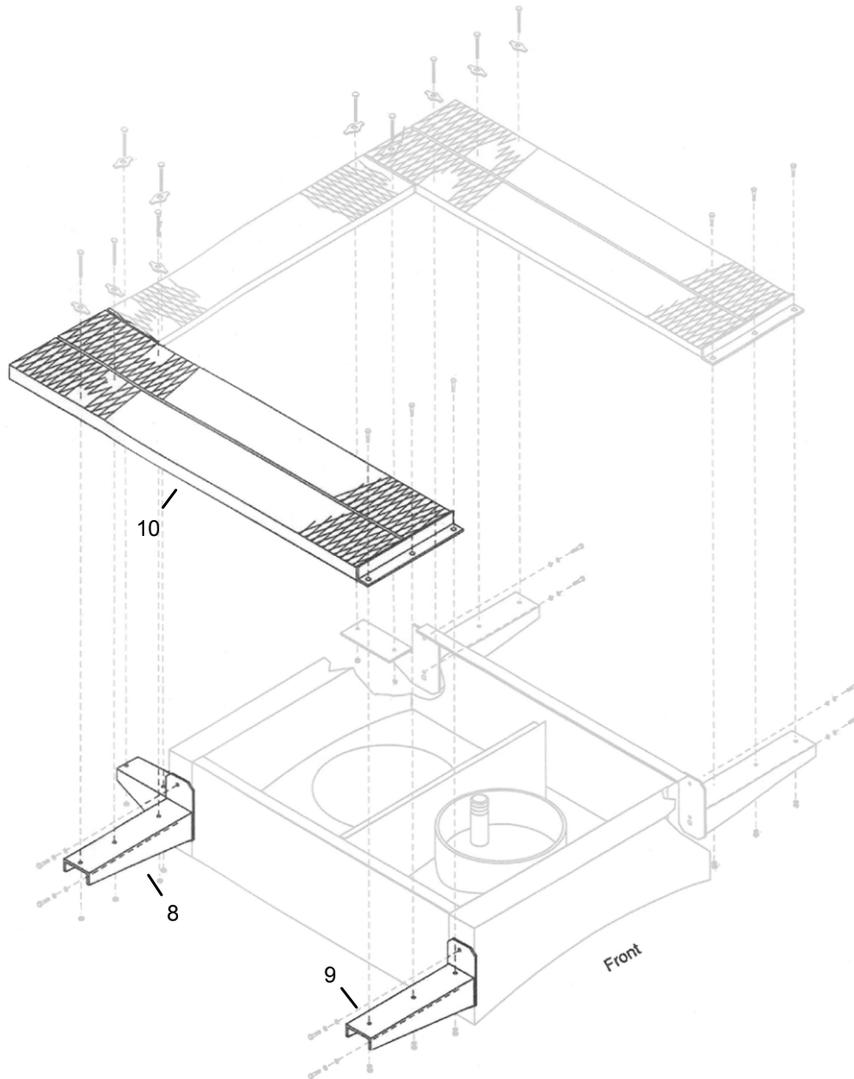
REF	PART NO.	QTY	DESCRIPTION
1	2780620	2	BRACKET-PLATFORM, SIDE, RIGHT
10	2780631	1	BRACE-PLATFORM, END, 3-4 SIDED
12	2780623	2	SIDE-PLATFORM, GRIP STRUT X 81.0"

3 Sided & 4 Sided Platform - Aluminum Transport

9301520

9301301

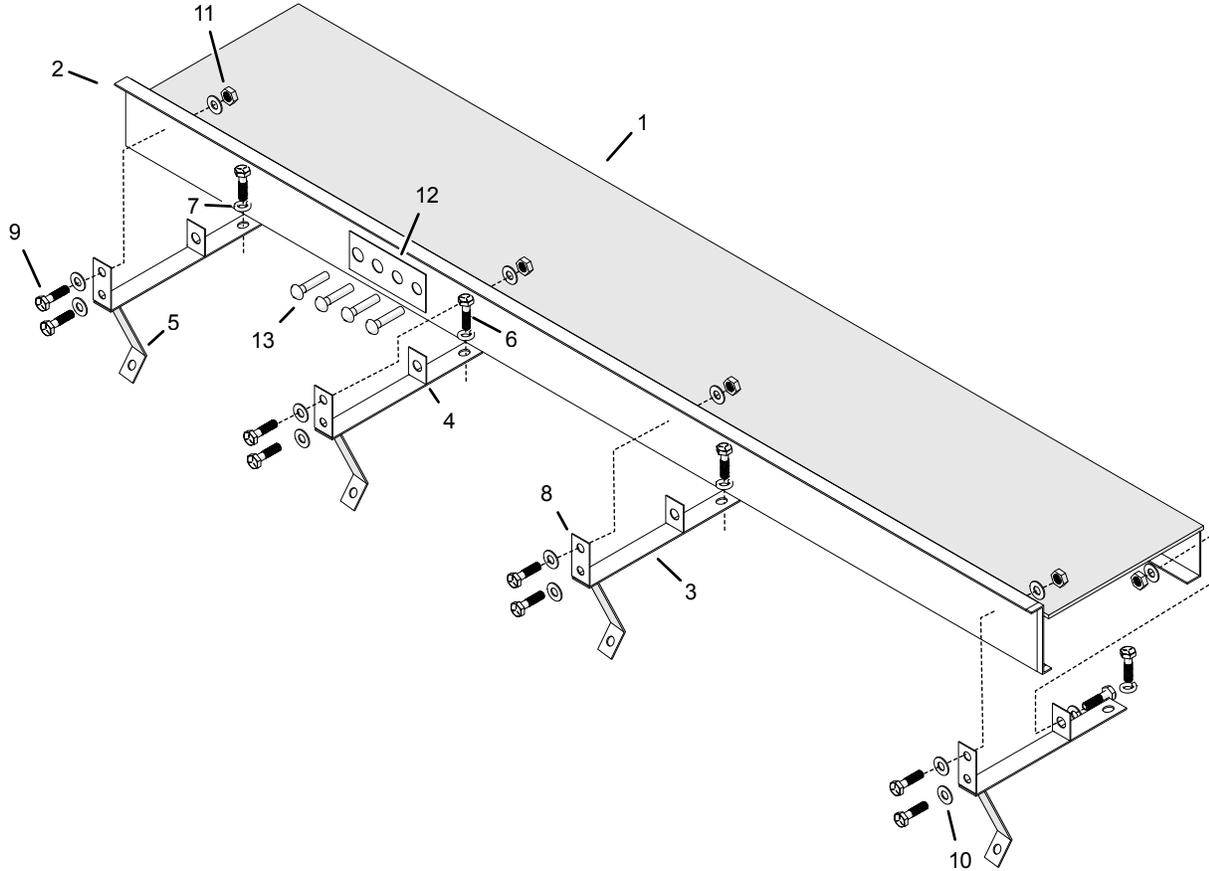
NOTE: Configuration is the same as
Roadside & Rear Platform - aluminum Transport (Page 28)
 With the exception of (2) of REF 10, a third REF 9
 and addition of REF 8



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REF	PART NO.	QTY	DESCRIPTION
8	2780640	1	BRACKET-PLATFORM, END, RIGHT, ALUM
9	2780656	1	BRACKET ASM-PLATFORM, ALUM
10	2780666	1	PLATFORM ASM-3 SIDED, ALUM

Catwalk - Steel Transport



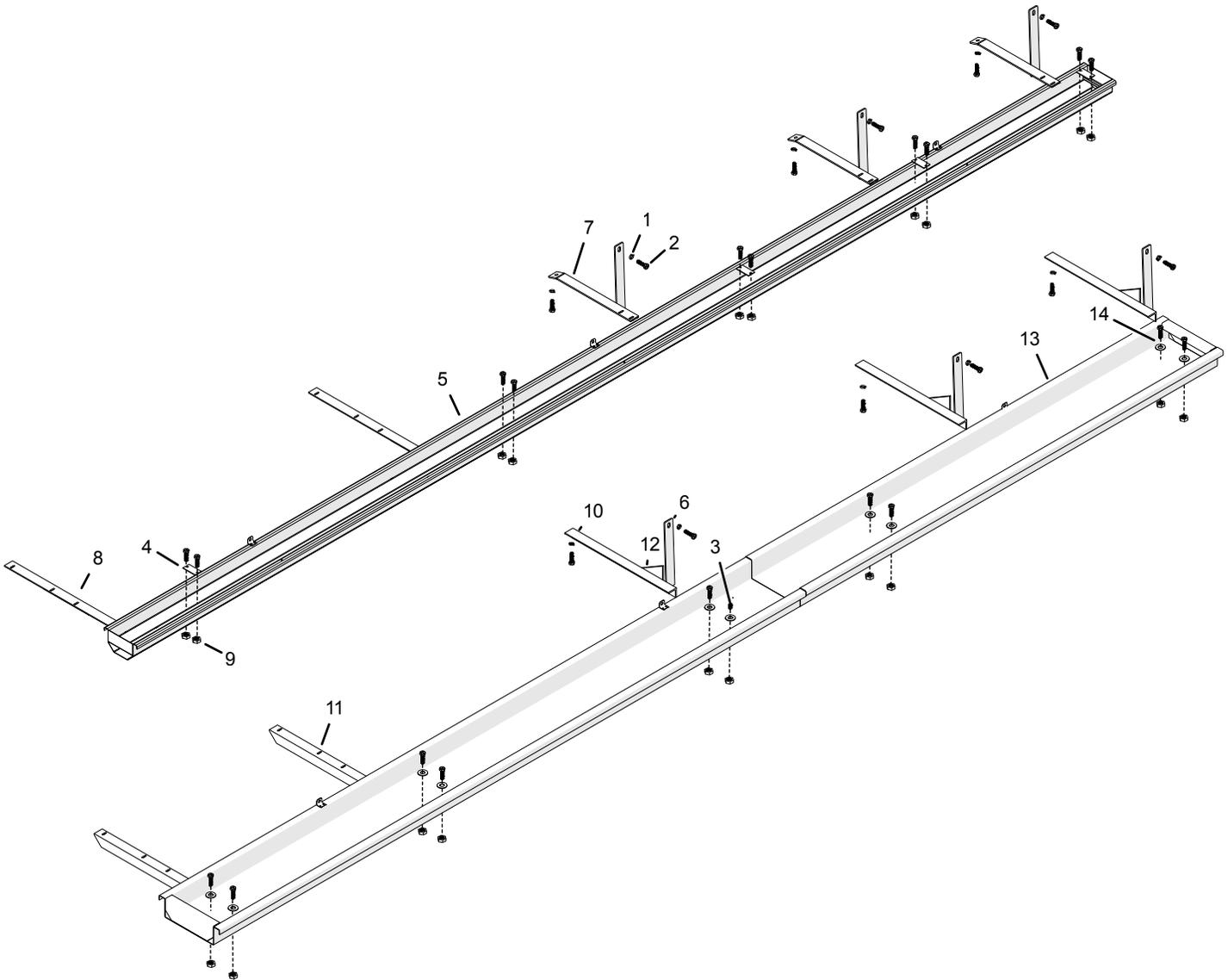
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REF	PART NO.	QTY	DESCRIPTION
1	8090047	AR	WALKWAY-GRATING, 18.75 WIDE/FT SPECIFY LENGTH
2	2780337	AR	KICKPLATE-WALKWAY, X12FT LG, SPECIFY LENGTH
3	2780336	3	SUPPORT-WALKWAY, GRIP STRUT
4	2780338	4	LUG-SHORT, WALKWAY
5	2780308	3	BRACKET-SUPPORT
6	0120426	6	SCREW-HEX, 0.5"NC X 1.25", GR2, PD
7	0120384	6	WASHER-LOCK, 0.50", SPRING, PD
8	2780335	1	LUG-TALL, WALKWAY
9	0120233	12	SCREW-HEX, 3/8"NC X 1.0", GR2, PD
10	0446363	24	WASHER-FLAT, 5/16", PD
11	0274993	12	NUT-HEX, LOCK, 3/8", PD
12	2780585	1	SPLICE-KICKPLATE
13	6000434	6	RIVET-DRIVE, 3/16", 1/8 GRIP, 3/16 MAX

AR = As Required

Hose Trough

6" x 20ft, 12" x 20ft



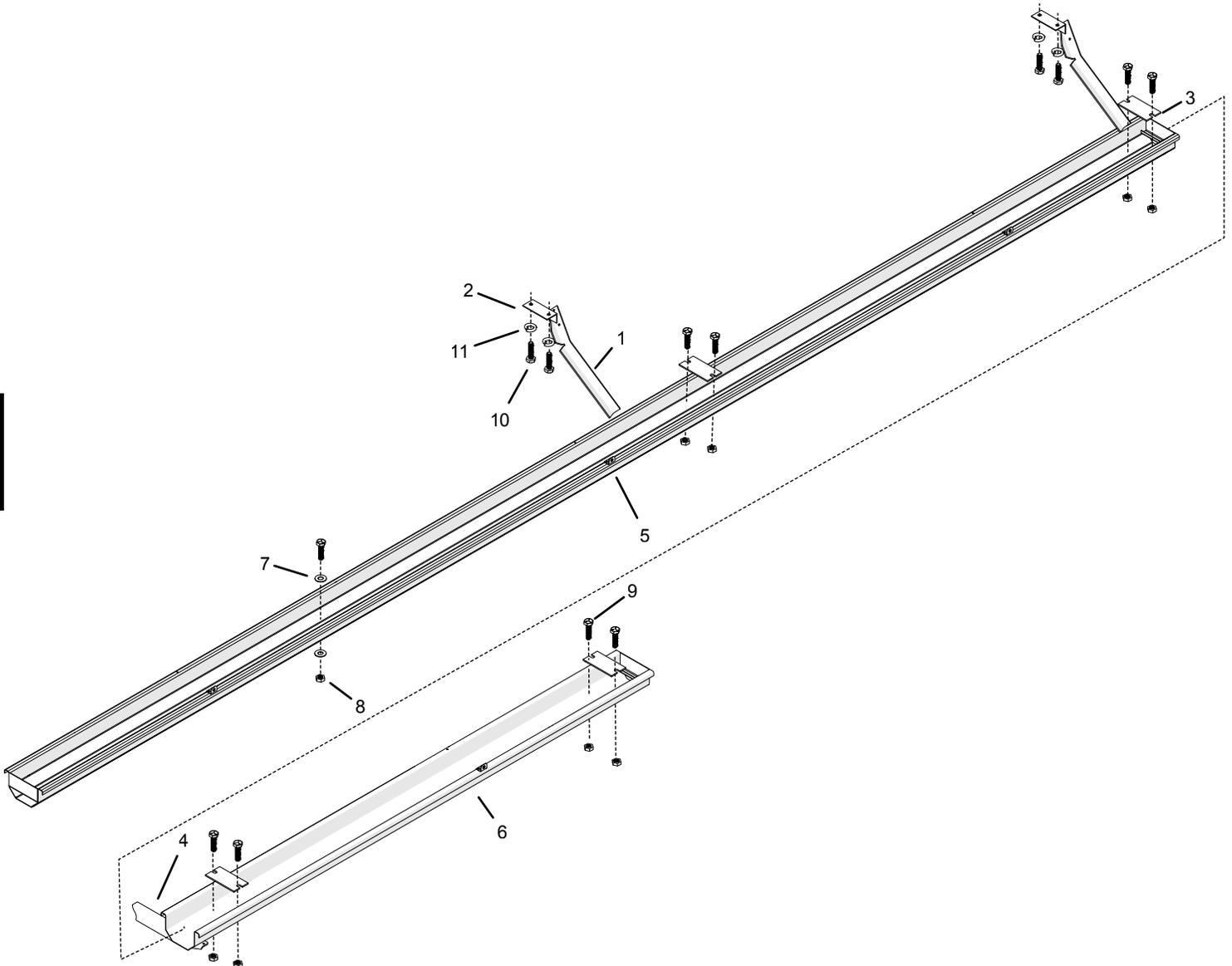
TANK

REF	PART NO.	QTY	DESCRIPTION
1	0120384	6	WASHER-LOCK, .05", SPRING, PD
2	0120426	6	SCREW-HEX, 0.50"NC X 1.25", GR2, PD
3	0121887	10	SCREW-HEX, 0.25"NC X 0.75", GR2, PD
4	2780121	5	PLATE-REINF 6IN HOSE TROUGH
5	2780437	1	TROUGH ASM-HOSE, ALUMINUM, 20 Ft.
6	2780697	3	SUPPORT-VERTICAL,HOSE TROUGH
7	2780698	3	ANGLE SUPPORT,HOSE TUBE
8	2780699	2	ANGLE-SUPPORT,BOGIE, TROUGH,12"
9	9413946	10	NUT-HEX, LOCK, 0.25"NC, PD
10	2780854	3	ANGLE-SUPPORT, TANK, HOSE TROUGH, 12"
11	2780855	2	ANGLE-SUPPORT,BOGIE, TROUGH,12"
12	2780856	3	GUSSET-HOSE TROUGH BRACKET
13	2780860	1	TROUGH ASM-ALUMINUM, 12" X 20 Ft
14	6000716	10	WASHER-FLAT, 9/32" X 1.25", PD

Hose Trough

6" x 20ft, 12" x 20ft

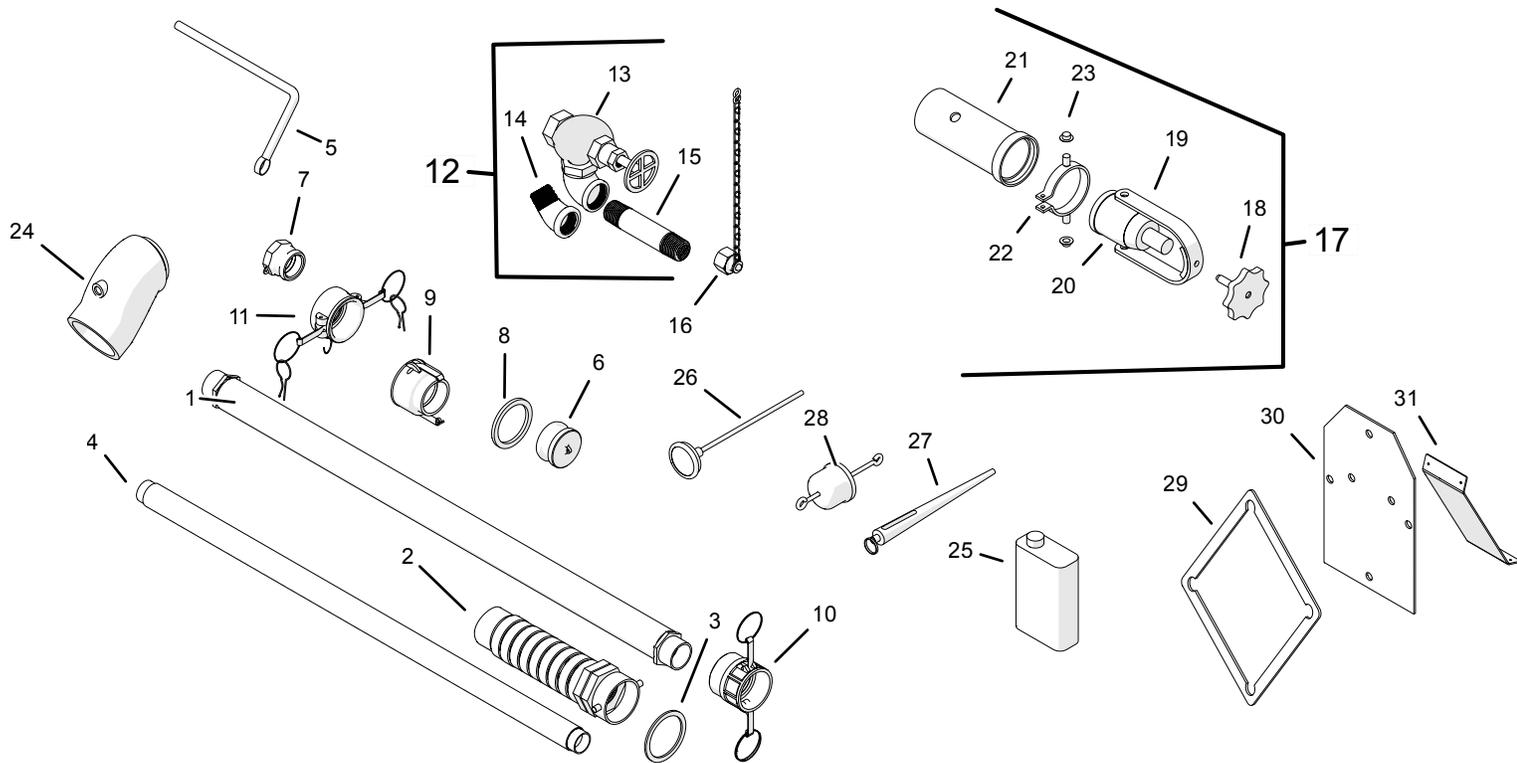
TANK



REF	PART NO.	QTY	DESCRIPTION
1	2780126	2	SUPPORT-ANGLE,HOSE TROUGH
2	2750118	2	ANGLE-SUPPORT, MID TANK, HOSE TROUGH
3	2780121	4	PLATE-REINF 6IN HOSE TROUGH
4	2750120	1	ANGLE-SUP,HOSE TROUGH-BKSTY
5	2780437	1	TROUGH ASM-HOSE, ALUMINUM, 20 FT
6	2780509	1	TROUGH ASM-HOSE, ALUMINUM, 8FT
7	6000716	2	WASHER-FLAT, 9/32" X 1.25", PD
8	9413946	10	NUT-HEX, LOCK, 0.25"NC, PD
9	0121887	10	SCREW-HEX, 0.25"NC X 0.75", GR2, PD
10	0120426	4	SCREW-HEX, 0.5"NC X 1.25", GR2 PD
11	0120384	4	WASHER-LOCK, 0.5", SPRING, PD

Miscellaneous Parts

TANK

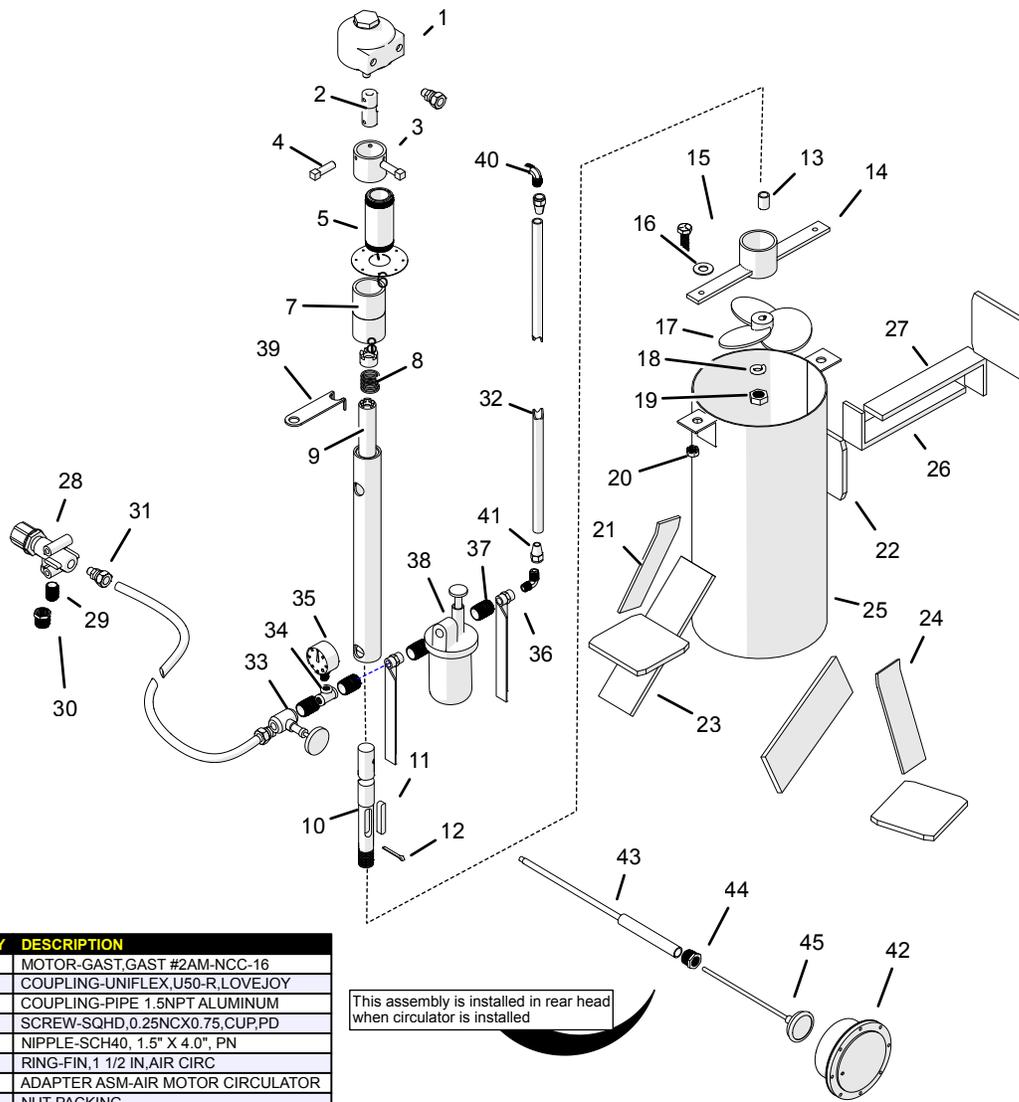


REF	PART NO.	QTY	DESCRIPTION
1	6600442		HOSE ASM-TA, 3.0" X 10 FT, M/M CPLG
1	6602576		HOSE ASM-TA, 3.0" X 12 FT, M/M CPLG
1	6600273		HOSE ASM-TA, 3.0" X 15 FT, M/M CPLG
2	6600265		HOSE ASM-TA, 3.0" X 15 FT, M/F CPLG
2	6600325		HOSE ASM-TA, 3.0", NO CPLG, SPEC. LENGTH
2	6600271		COUPLING-3.0" MALE, FLEXWELD
2	6600272		COUPLING-3.0" FEMALE, FLEXWELD
3	6600267		GASKET-FEMALE COUPLING
4	7400004		HOSE ASM-RUBBER TA, 3.0" X 15FT, M/M
4	S241003		HOSE ASM-RUBBER TA, 3.0" X 12 FT, M/M
5	3380095	1	WRENCH ASM-SPANNER, HOSE
6	6600280	AR	PLUG-DUST,3IN ALUM,40W
6	6602430	AR	PLUG-DUST, 4.0", ALUM
7	6600277	AR	ADAPTER-CAM MALE, 3IN NPT,ALUM, PART A
7	6000855	AR	ADAPTER-4.0", ALUM, PART A
7	6002580	AR	ADAPTER-5.0", ALUM, PART A
8	6600279	AR	GASKET-SILICONE, USED W/ 6600277

REF	PART NO.	QTY	DESCRIPTION
9	6600278	AR	COUPLER-3.0", ALUM, PART B
10	6001012	AR	COUPLER-3.0", ALUM, PART D
11	6600281	AR	CAP-DUST, 3.0", ALUM
11	6000854	AR	CAP-DUST, 4.0", ALUM
11	6602581	AR	CAP-DUST, 5.0", ALUM
12	2780017	1	VALVE ASM-SAMPLING, 0.75"
13	6600349	1	VALVE-0.75", ANGLE
14	0140798	1	ELBOW-PIPE,45,ST,0.75NPT,PN
15	0190724	1	NIPPLE-0.75" X 4.0", PN
16	2780038	1	CAP ASM-SAMPLING VALVE
17	3340039	1	FILL LINE ASM X 4.0" LONG
17	3340839	1	FILL LINE ASM X 8.0" LONG
17	2750309	1	FILL LINE ASM X 24.0" LONG
18	3340033	1	CLAMP ASM-SCREW, FILL LINE
19	3340041	1	CLAMP ASM-3.0" HOSE ASM
20	3380388	1	CAP ASM-FILL LINE
21	3340043	1	PIPE ASM-FILL LINE, 4.0" LONG

REF	PART NO.	QTY	DESCRIPTION
21	3340402	1	PIPE ASM-FILL LINE, 8.0" LONG
21	2750311	1	PIPE ASM-FILL LINE, 24.0" LONG
22	3341078	1	RING ASM-CLAMPING, TRANSFER VALVE
22	->9413946	1	NUT-HEX, LOCK, 0.25"NC, PD
22	->0121913	1	SCREW-HEX, 0.25"NC X 1.25", GR2, PD
23	6001056	2	CAP-RETAINER,0.5 DIA STUD
24	3340040	1	CONNECTOR-HOSE, 3.0"
25	7220056	1	ANTI-FOAM-CONCENTRATE,1 PINT
26	6500039	1	THERMOMETER-2IN DIAL 9IN DUAL
26	6500266	1	THERMOMETER, DIAL, 3.0", 0-600 F
27	6500034	1	THERMOMETER, 50-600 F
28	3300038	1	CAP ASM-THERMOMETER
29	6320272	1	PLACARD, DUDFLIP 126F W/ HOT
30	2780461	1	BRACKET-PLACARD
31	2780476	1	BRACE-PLACARD FENDER BRACKET

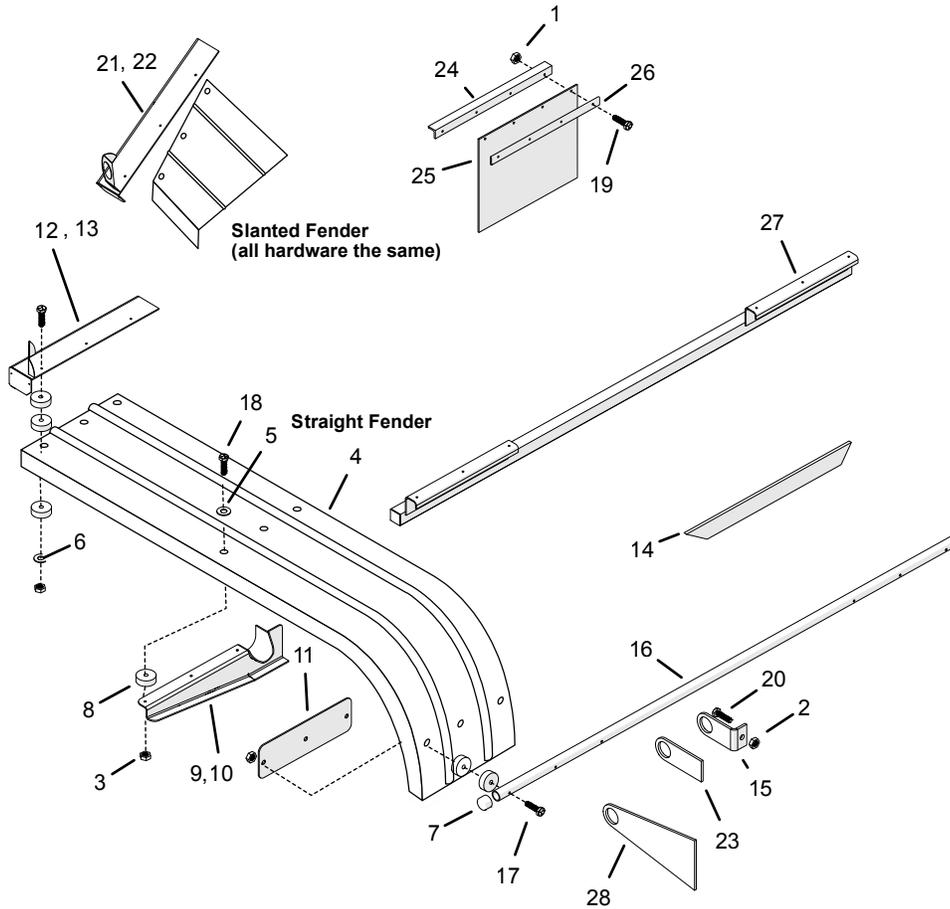
Air Motor Circulator



REF	PART NO.	QTY	DESCRIPTION
1	6600519	1	MOTOR-GAST,GAST #2AM-NCC-16
2	6445013	1	COUPLING-UNIFLEX,U50-R,LOVEJOY
3	2780113	1	COUPLING-PIPE 1.5NPT ALUMINUM
4	0127796	3	SCREW-SQHD,0.25NCX0.75,CUP,PD
5	0219379	1	NIPPLE-SCH40, 1.5" X 4.0", PN
6	2700025	1	RING-FIN,1 1/2 IN,AIR CIRC
7	2780048	1	ADAPTER ASM-AIR MOTOR CIRCULATOR
8	3330029	1	NUT-PACKING
8	—6600320	1	PACKING-1/85 COIL, 12" LONG
9	2780114	1	TUBE ASM-SHAFT-AIR CIRCULATOR
10	2780112	1	SHAFT-DRIVE, AIR CIRCULATOR
11	6000464	1	KEY-0.12X0.12 CRX1.50,RD END
12	0103373	1	PIN-COTTER,0.19X1.50,PD
13	2750502	1	BEARING-SHAFT,OILITE,AA-711-3
14	2780109	1	GUIDE ASM-SHAFT TUBE, CIRCULATOR
15	0121900	2	SCREW-HEX, 1/4"NC X 1.0", GR2, PD
16	0120386	2	WASHER-FLAT, 1/4", PD
17	6600254	1	PROPELLER-7 DIA MICH WHEEL CO
18	0120384	1	WASHER-LOCK, 1/2", SPRING, PD
19	0427494	1	NUT-HEX, SLOT, THICK, 1/2"NC, PD
20	9413946	2	NUT-HEX, LOCK, 1/4"NC, PD
21	2750676	1	BRACE-TUBE, LEFT, CIRCULATOR
22	2780108	4	PAD-SHELL, CIRCULATOR
23	2750515	2	SHIELD-TUBE
24	2780107	1	BRACE-TUBE, RIGHT, CIRCULATOR
25	2750518	1	TUBE-CIRCULATOR
26	2750677	1	BRACE-INNER, CIRCULATOR TUBE
27	2780118	1	BRACE-OUTER, CIRCULATOR TUBE
28	6600304	1	VALVE-PRESSURE REGULATOR
29	0192050	3	NIPPLE-SCH40, 1/4" X 7/8", CL, PD
30	0144036	1	BUSHING-PIPE,0.38X0.25NPT,PD
31	6600831	1	ADAPTER-ARBK,ST,04MP-06MT
32	6309162	16	TUBE-NYLON, AIR, 3/8"
33	6600194	1	VALVE-GLOBE,STGHT,.25,NEEDLE
34	0144083	1	TEE-PIPE,0.25NPT,PD
35	6600168	1	GAUGE-PRESSURE, 2.5", 0-150 psi
36	2750513	2	BRACKET ASM-MTG, GAUGE
37	0192052	2	NIPPLE-SCH40, 1/4" X 1.5", PD
38	6600530	1	LUBRICATOR
39	3330030	1	WRENCH-PACKING GLAND
40	6604256	1	ELBOW-AUTO,90,04MP-06MS
41	0118539	1	NUT-AUTO,06MS
42	2780311	1	HOLDER-GAUGE,BETTS,40-12112
42	—6700230	1	SEAL-O RING
42	—6700769	1	ANGLE-BRACKET,TUBE MTG.
43	2730096	1	WELL ASM-THERMOMETER, 12"
44	0144041	1	BUSHING-PIPE,0.75X0.38NPT,PD
45	6500039	1	THERMOMETER-2IN,DIAL, 50-500 DEG F

This assembly is installed in rear head when circulator is installed

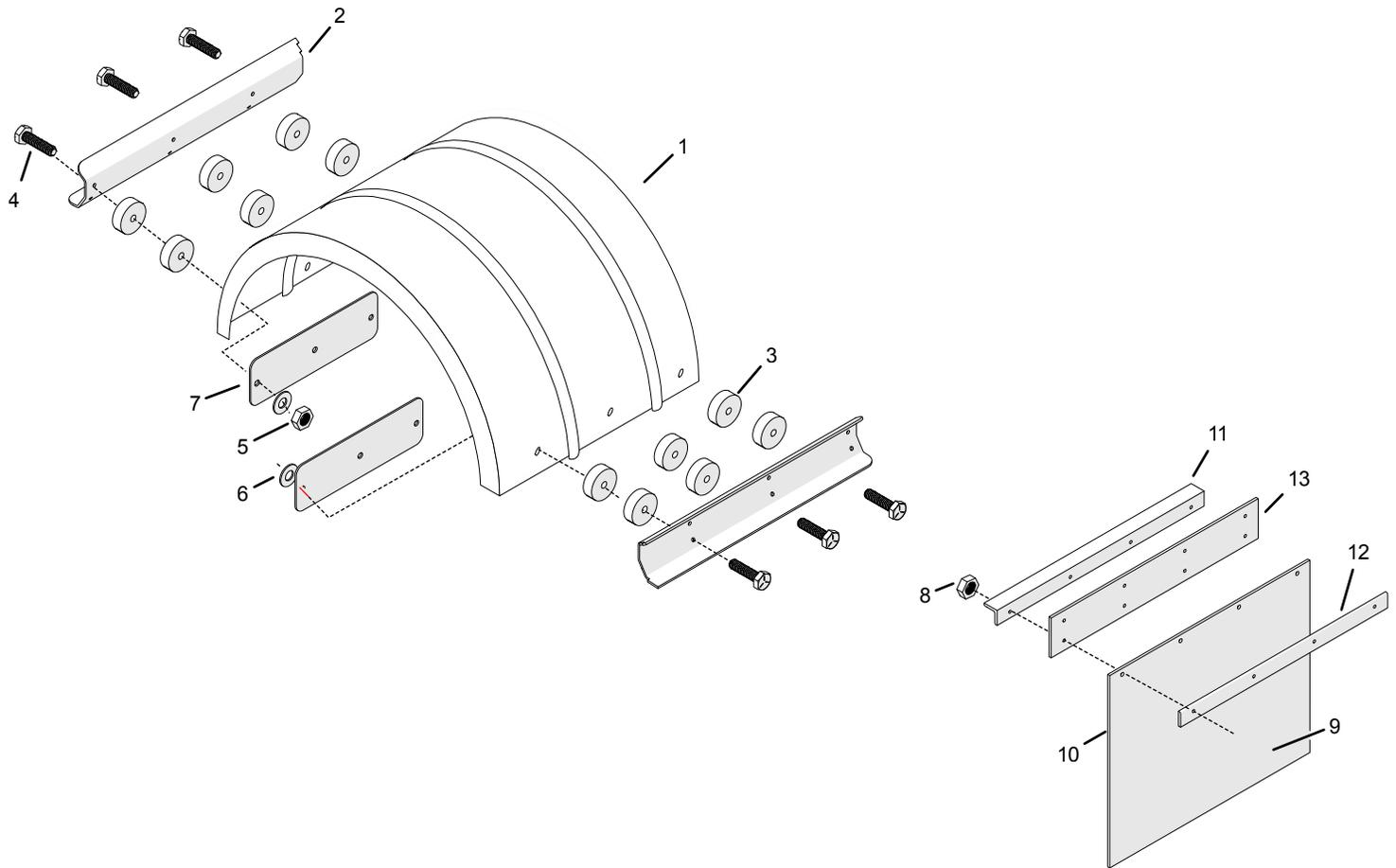
Front Fenders



WHEEL COVERS

REF	PART NO.	QTY	DESCRIPTION
1	9413946	14	NUT-HEX, LOCK, 0.25"NC, PD
2	9411727	2	NUT-HEX, LOCK, 0.5", PD
3	9411638	12	NUT-HEX, LOCK, 0.31"NC, PD
4	8000034	2	FENDER, FRONT, RIBBED, ALUM
5	6001129	6	WASHER-FLAT, 0.344" ID X 1.25" OD
6	6000716	6	WASHER-FLAT, 9/32" ID X 1.25" OD, PD
7	6000689	2	CAP-VINYL PLASTISOL BLACK #89
8	6000455	36	BUSHING-0.31X0.53,ATL IND#1530
9	2780598	1	BRACKET ASM-SUPT, FRNT FENDER, RT, AL
10	2780597	1	BRACKET ASM-SUPT, FRNT FENDER, LT, AL
11	2780581	2	PAD-BRACE, 3 HOLE, AL, FENDER
12	2781310	1	BRACE ASM-RT, FRNT FENDER, STRAIGHT, STL
12	2781306	1	BRACE ASM-RT, FRNT FENDER, STRAIGHT, AL
13	2781309	1	BRACE ASM-LT, FRNT FENDER, STRAIGHT, STL
13	2781305	1	BRACE ASM-LT, FRNT FENDER, STRAIGHT, AL
14	2750717	2	STIFFENER-PIPE, FENDER
15	2750592	2	BRACKET-MOUNTING, FRONT FENDER
16	2750588	1	BRACE-PIPE, FENDER, FRONT & RR
17	0173063	6	SCREW-HEX, 0.31"NC X 3.5", GR2, PD
18	0122040	6	SCREW-HEX, 0.31"NC X 1.5", GR2, PD
19	0121954	14	SCREW-HEX, 0.25"NC X 2.0", GR2, PD
20	0120426	2	SCREW-HEX, 0.5"NC X 1.25", GR2, PD
21	2780307	1	BRACE ASM-RT, FRNT FENDER
22	2780308	1	BRACE ASM-LT, FRNT FENDER
23	2780584	2	BRACKET-MOUNTING, FRNT FENDER, RL, AL
24	2710002	2	ANGLE-MUDFLAP HANGER, SHORT
25	6450074	2	GUARD-SPLASH, KANT SAIL, 24 X 20
26	2710001	1	ANGLE-MUDFLAP HANGER, SHORT
27	2780972	1	SUPPORT ASM-FRNT FENDER, STL
28	2710445	2	MOUNTING BRACKET,FRONT FENDER

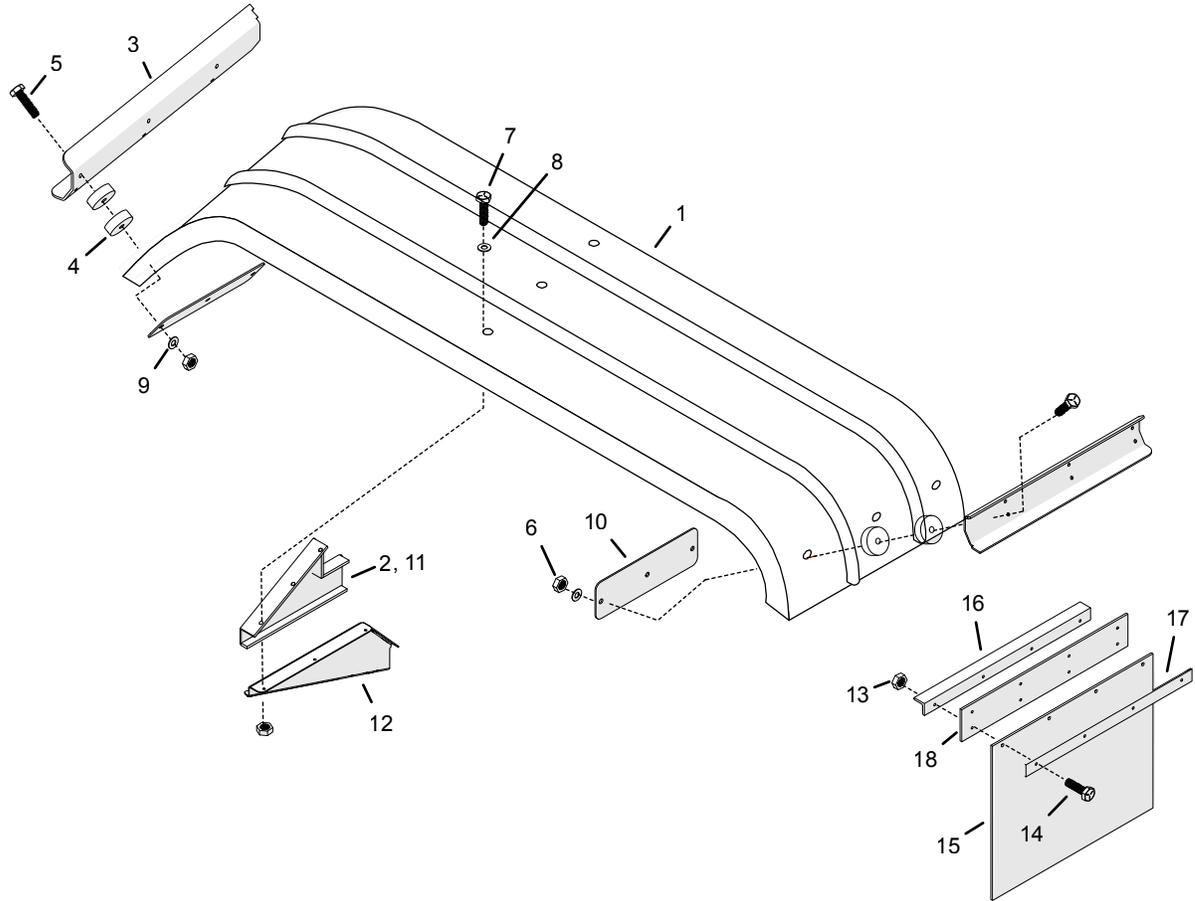
Single Axle Rear Fenders



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REF	PART NO.	QTY	DESCRIPTION
1	2780156	2	FENDER-SINGLE-RIBBED ALUMINUM
2	2780579	4	BRACKET-FNDR SUPT,FRT,RR FNDR
3	6000455	24	BUSHING-0.31X0.53,ATL IND#1530
4	0122052	12	SCREW-HEX, 0.31"NC X 1.75", GR2, PD
5	9411638	12	NUT-HEX, LOCK, 0.31"NC, PD, EA
6	0120386	12	WASHER-FLAT, 0.31" ID X 0.73" OD
7	2780581	4	PAD-BRACE, 3 HOLE, ALUM FENDER
8	9411638	8	NUT-HEX, LOCK, 0.25"NC, EA, PD
9	0122052	8	SCREW-HEX, 0.25"NC X 1.25", GR2, PD
10	6450074	2	GUARD-SPLASH,KANT SAIL,24 X 20
11	2710002	2	ANGLE-MUDFLAP HANGER, SHORT
12	2710001	2	ANGLE-MUDFLAP HANGER, SHORT
13	2710037	2	BAR-BUMPER,MUD FLAP

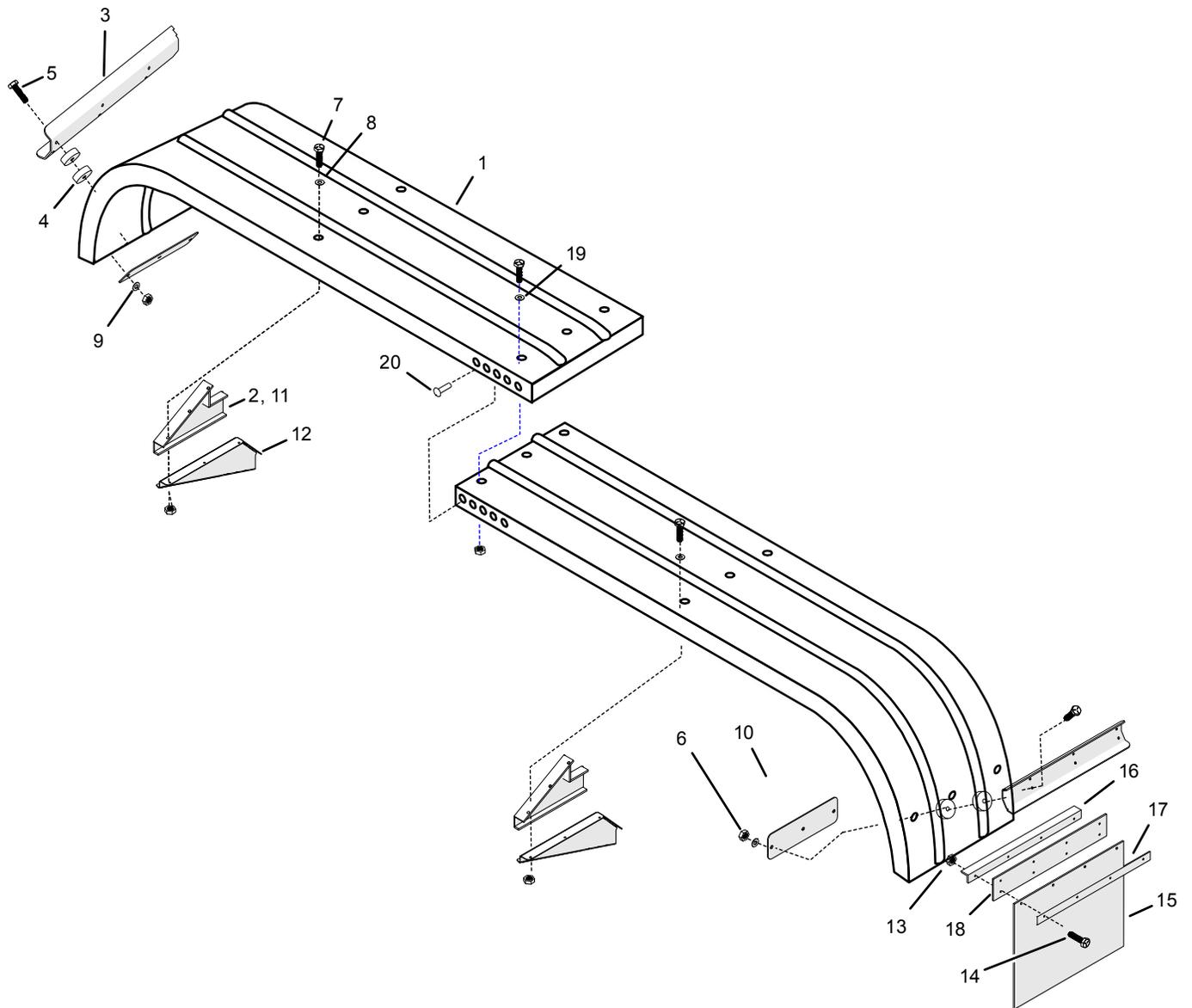
Tandem Axle Rear Fenders



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REF	PART NO.	QTY	DESCRIPTION
1	2780218	2	FENDER-REAR RIB, ALUM, TANDEM, 99
2	2781512	1	SUPPORT-CENTER, FENDER, RT, AIR RIDE
3	2780579	4	BRACKET-FNDR SUPT,FRT,RR FNDR
4	6000455	24	BUSHING-0.31X0.53,ATL IND#1530
5	0122052	12	SCREW-HEX, 0.31"NC X 1.75", GR2, PD
6	9411638	18	NUT-HEX, LOCK, 0.31"NC, EA, PD
7	0122007	6	SCREW-HEX, 0.31"NC X 0.75", GR2, PD
8	6001129	6	WASHER-FLAT, 0.34" ID X 1.25" OD
9	0120386	12	WASHER-FLAT, 0.31"ID X 0.73" OD
10	2780581	4	PAD-BRACE, 3 HOLE, ALUM FENDER
11	2781513	1	SUPPORT-CENTER, FENDER, LT, AIR RIDE
12	2780578	2	BRACKET-MTG,CTR,RR FNDR
13	9413946	8	NUT-HEX, LOCK, 0.25"NC, EA, PD
14	0121913	8	SCREW-HEX, 0.25"NC X 1.25", GR2, PD
15	6450074	2	GUARD-SPLASH,KANT SAIL,24 X 20
16	2710002	2	ANGLE-MUDFLAP HANGER, SHORT
17	2710001	2	ANGLE-MUDFLAP HANGER, SHORT
18	2710037	2	BAR-BUMPER,MUD FLAP

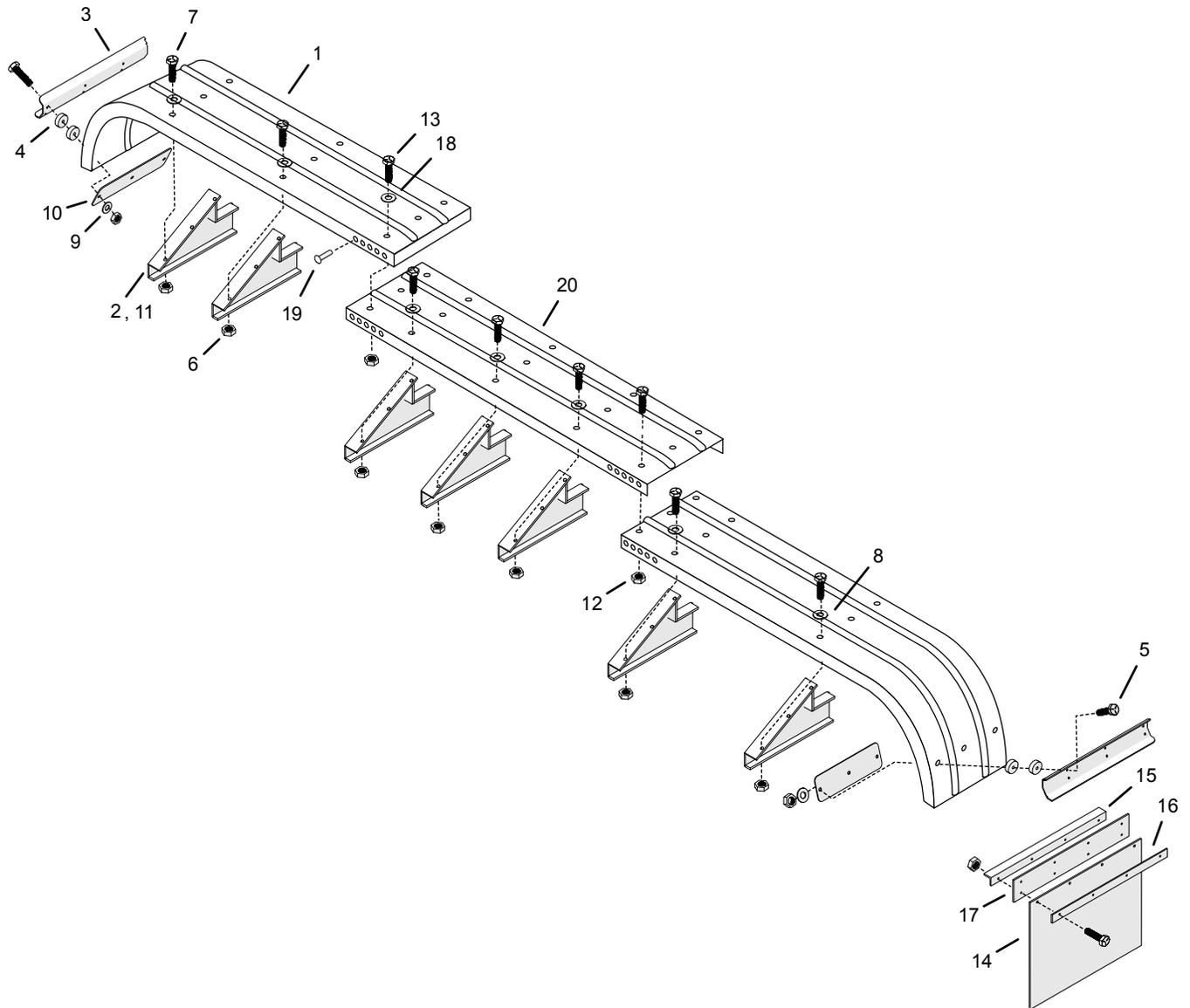
Tri Axle Rear Fenders



WHEEL COVERS

REF	PART NO.	QTY	DESCRIPTION
1	8000034	4	FENDER-FRONT, RIB, ALUM
2	2781512	2	SUPPORT-CENTER, FENDER, RT, AIR RIDE
3	2780579	4	BRACKET-FNDR SUPT,FRT,RR FNDR
4	6000455	24	BUSHING-0.31X0.53,ATL IND#1530
5	0122052	12	SCREW-HEX, 0.31"NC X 1.75", GR2, PD
6	9411638	24	NUT-HEX, LOCK, 0.31"NC, EA, PD
7	0122007	12	SCREW-HEX, 0.31"NC X 0.75", GR2, PD
8	6001129	12	WASHER-FLAT, 0.34" ID X 1.25" OD
9	0120386	12	WASHER-FLAT, 0.31"ID X 0.73" OD
10	2780581	4	PAD-BRACE, 3 HOLE, ALUM FENDER
11	2781513	2	SUPPORT-CENTER, FENDER, LT, AIR RIDE
12	2780578	4	BRACKET-MTG,CTR,RR FNDR
13	9413946	28	NUT-HEX, LOCK, 0.25"NC, EA, PD
14	0121887	28	SCREW-HEX, 0.25"NC X 0.75", GR2, PD
15	6450074	2	GUARD-SPLASH,KANT SAIL,24 X 20
16	2710002	2	ANGLE-MUDFLAP HANGER, SHORT
17	2710001	2	ANGLE-MUDFLAP HANGER, SHORT
18	2710037	2	BAR-BUMPER,MUD FLAP
19	6000716	28	WASHER-FLAT, 0.34" ID X 1.25" OD
20	6000436	20	RIVET-0.19 DR, 0.18 GRIP, 0.234 MAX

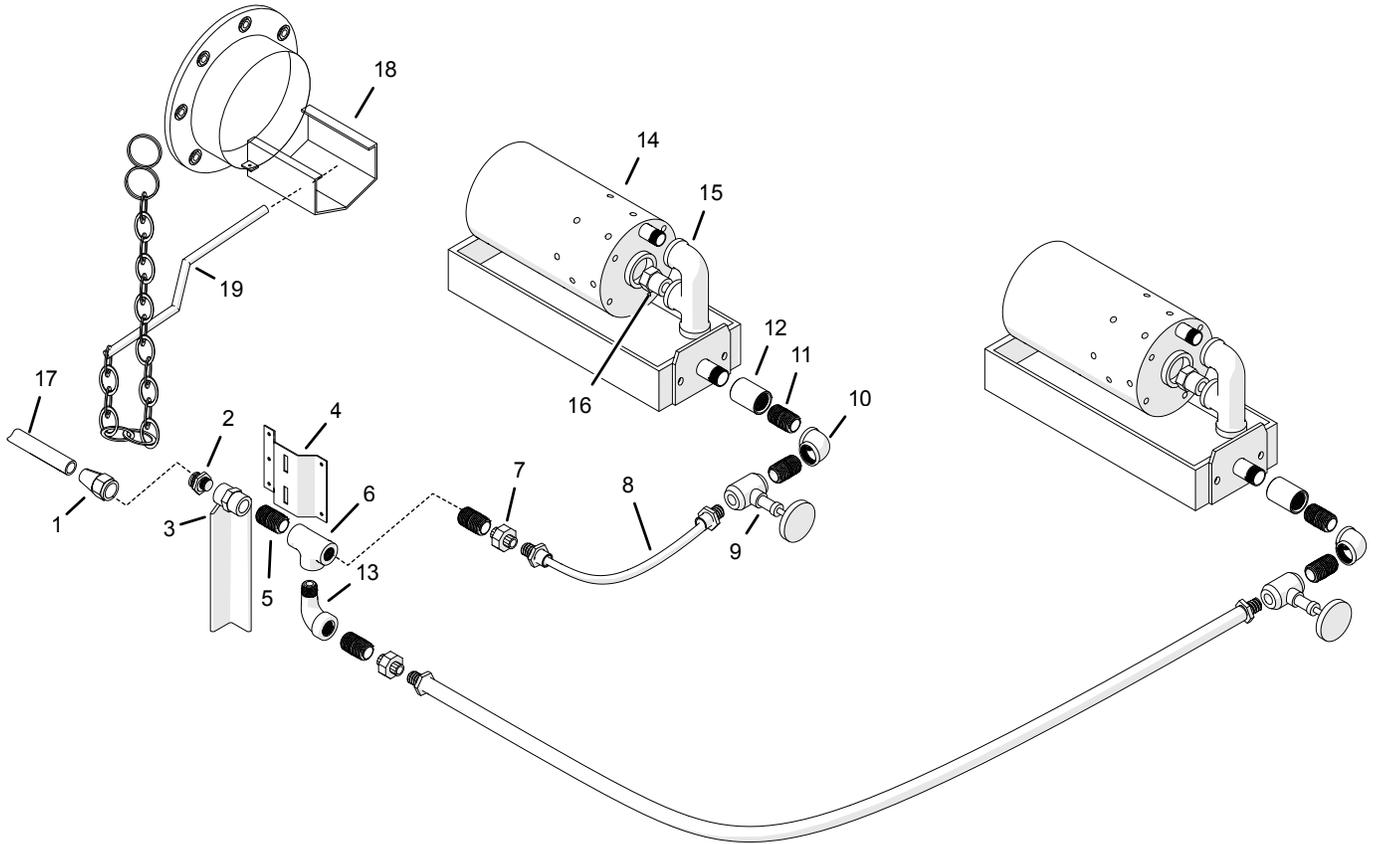
8 Axle Rear Fenders



WHEEL COVERS

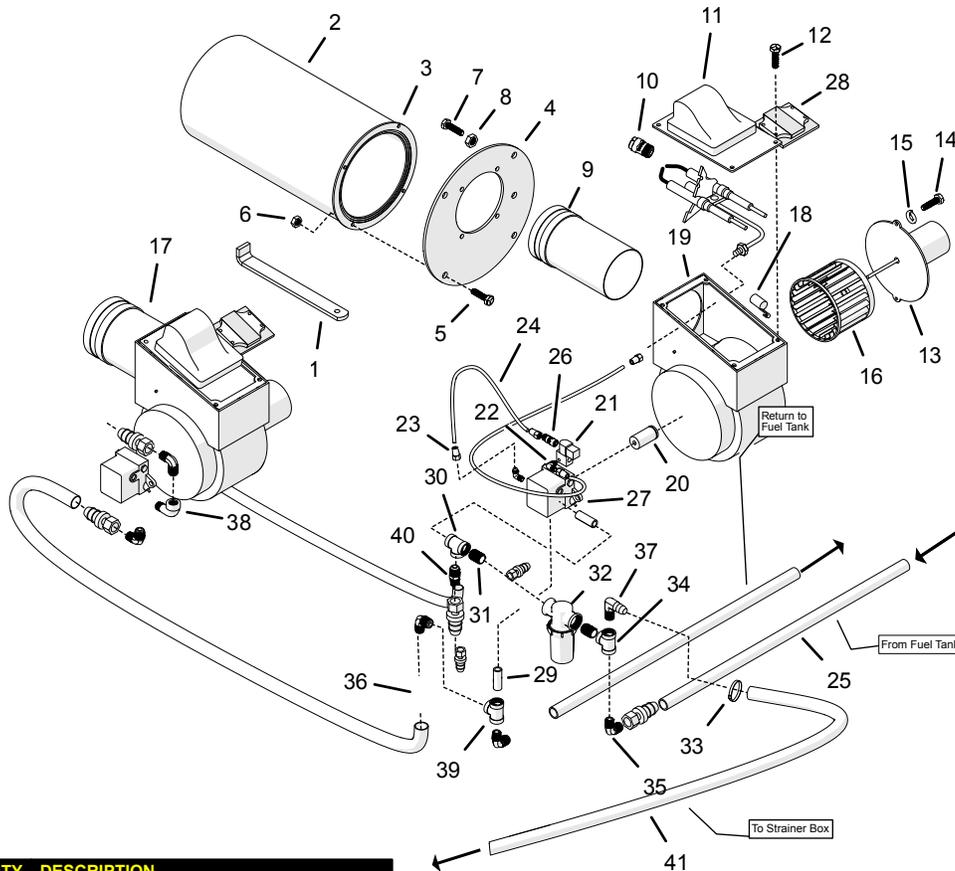
REF	PART NO.	QTY	DESCRIPTION
1	8000034	4	FENDER-FRONT RIB, ALUMINUM
2	2780591	7	SUPPORT-FENDER, 7 AXLE, LT
3	2780579	4	BRACKET-FNDR SUPT,FRT,RR FNDR
4	6000455	24	BUSHING-0.31X0.53,ATL IND#1530
5	0122052	12	SCREW-HEX, 0.31"NC X 1.75", GR2, PD
6	9411638	54	NUT-HEX, LOCK, 0.31"NC, EA, PD
7	0122017	42	SCREW-HEX, 0.31"NC X 1.0", GR2, PD
8	6001129	42	WASHER-FLAT, 0.34" ID X 1.25" OD
9	0120386	12	WASHER-FLAT, 0.31" ID X 0.73" OD
10	2780581	4	PAD-BRACE, 3 HOLE, ALUM FENDER
11	9413946	52	NUT-HEX, LOCK, 0.25"NC, EA, PD
12	0121887	52	SCREW-HEX, 0.25"NC X 0.75", GR2, PD
13	6450074	2	GUARD-SPLASH,KANT SAIL,24 X 20
14	2710002	2	ANGLE-MUDFLAP HANGER, SHORT
15	2710001	2	ANGLE-MUDFLAP HANGER, SHORT
16	2710037	2	BAR-BUMPER,MUD FLAP
17	6000716	96	WASHER-FLAT, 9/32" ID X 1.25" OD
18	6000436	32	RIVET-0.19 DR, 0.18 GRIP, 0.234 MAX
19	8000073	2	FENDER-STRAIGHT, ALUMINUM, 144" LONG

High Pressure Burners



REF	PART NO.	QTY	DESCRIPTION
1	0118539	1	NUT-AUTO,06MS
2	6000660	1	CONNECTOR-MALE, 3/8 TUBE TO 1/4 PIPE
3	2750513	1	BRACKET ASM-MTG, GAUGE
4	2750492	1	BASE-BOX
5	0105405	5	NIPPLE-SCH 40,0.25X0.87 CL,PN
6	0105417	1	TEE-PIPE,0.25NPT,PN
7	6000412	2	UNION-RAILROAD,1 IN
8	6600463	2	HOSE-FLEX, SS DRD, .25"NPT, FWSS-31
9	6600194	2	VALVE-GLOBE,STGHT,.25,NEEDLE
10	0120284	2	ELBOW-PIPE, 3/8" X 0.25"NPT, PN
11	0109421	2	NIPPLE-SCH 40,0.25X0.87 CL,PN
12	0120755	2	COUPLING-PIPE, 3/8"NPT, PN
13	0105423	1	ELBOW-PIPE,90,ST,0.25NPT,PN
14	3330014	2	BURNER ASM-E.G., LARGE
15	3331036	2	HOLDER-VAPOR PLUG
16	3330001	2	PLUG-VAPORIZING,#51
17	6309071	17	TUBE-COPPER, 3/ X 1/4, PER FOOT
18	3330246	2	CRADLE-RRETRACTABLE, GEN. BURNER
19	3330249	2	PIN ASM-LOCK, RETRACTABLE GEN. BURNER

Dual Beckett Burners



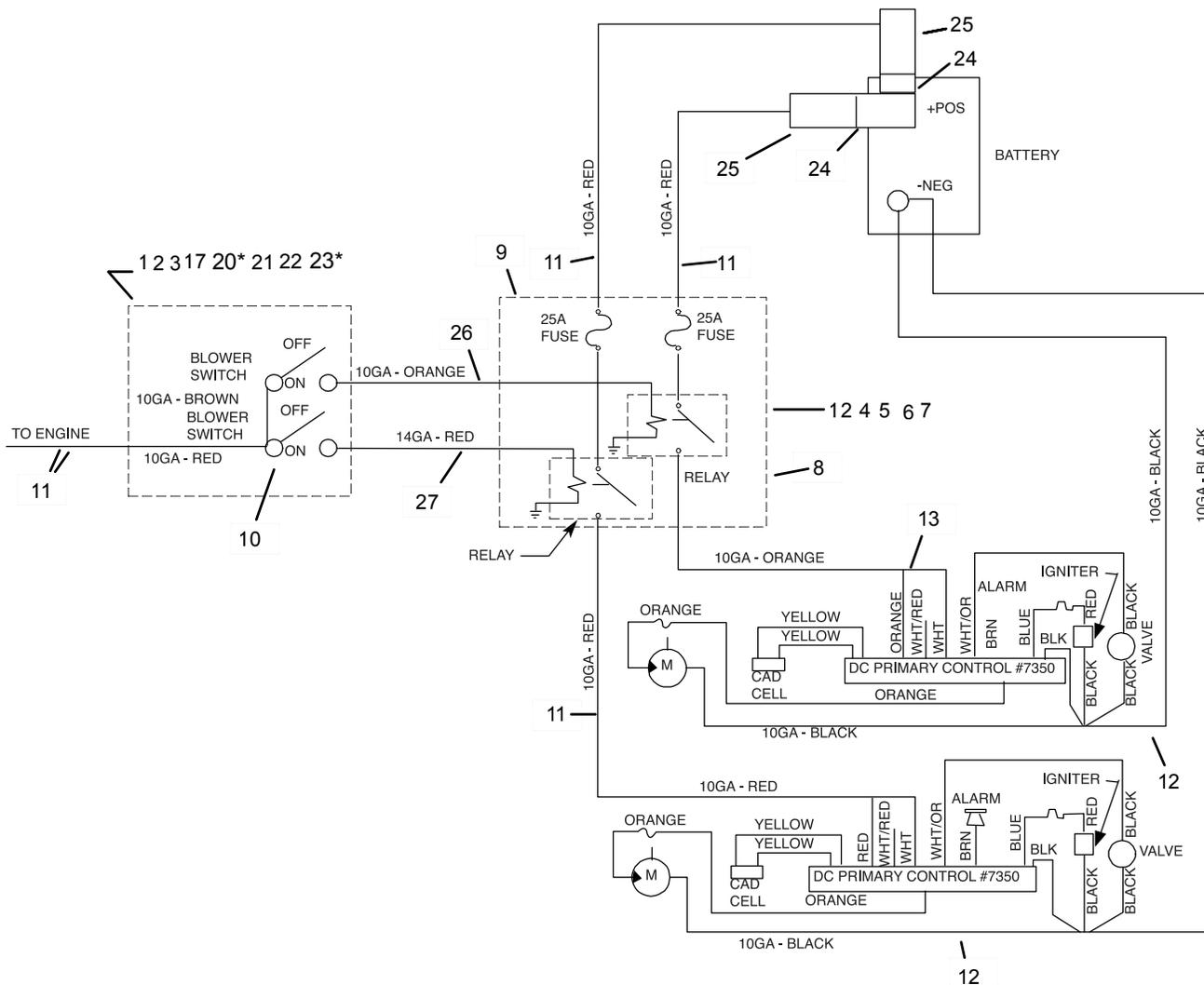
REF	PART NO.	QTY	DESCRIPTION
1	3331270	1	HOLDER-HI PRESS.COMB.TUBE
2	6500404	1	TUBE COMBUSTION
3	T3127AC	1	FLUE MOUNTING
4	T3127AD	1	FLANGE-BURNER MOUNT
5	0120233	4	SCREW-HEX, 0.38"NC X 1.0", GR2, PD
6	0274993	4	NUT-HEX, LOCK, 0.38"NC, EA, PD
7	0121887	4	SCREW-HEX, 0.25"NC X 0.75", GR2, PD
8	0120238	4	NUT-HEX, JAM, 0.50"NC, PD
9	6500337	1	BURNER AIR TUBE-7.5" LENGTH
10	6500395	1	NOZZLE, 2.0 GPH, 30 SOLID
11	6500397	1	TRANSFORMER-IGNITION
12	0120706	4	SCREW-HEX, 0.25"NC X 0.50", GR2, PD
13	6500386	1	MOTOR-ELECT, 14 V 3450 RPM
14	0122007	2	SCREW-HEX, 0.31"NC X 0.75", GR2, PD
15	0120214	4	WASHER-LOCK, 0.31", SPRING, PD
16	6500388	1	BLOWER WHEEL, 6.25" DIA
17	6500393	2	BURNER-BECKETT, 12V, COMP, PH2
18	6500346	1	CAD CELL-BURNER, HI PRESS
19	6500343	1	HOUSING ASM-BURNER, HI PRESS
20	6500387	1	COUPLING-BLOWER TO MOTOR
21	6500400	1	FUEL VALVE
22	6200362	2	ELBOW-3/16 TUBE X 1/8MPT
23	0120704	4	NUT-FLARED TUBE, 0.18" X 0.81"
24	6309067	AR	TUBE-COPPER, 0.19" X 0.03, GENERIC
25	6600324	AR	HOSE-0.38", PER FOOT
26	0120703	1	UNION-HALF, 3/16TBG X 1/8MPT
27	6500399	1	FUEL PUMP
28	6500402	1	PRIMARY CONTROL
29	0105407	2	NIPPLE-PP,SCH 40,0.25X1.50,PN
30	0281839	1	TEE-PIPE, 0.38" X 0.25" X 0.25"NPT, PN
31	0121207	2	NIPPLE-PP, SCH40, 0.38" X 1.0", CL, PN
32	6500342	1	FILTER ASM
32	->7730001	1	FILTER ELEMENT-OIL, REPLACEMENT
33	6001005	1	CLAMP-HOSE,# M96,WORM GEAR
34	0218233	2	TEE-PIPE, 0.25" X 0.25" X 0.38"NPT, PN
35	0118755	4	ELBOW-AUTO,90,04MP-06MS
36	6600306	6	HOSE END-06 X 06FSX, ST, LPSP
37	6602400	1	HOSE BARB-04 X 04MP, 90 DEG, LP
38	0105423	1	ELBOW-PIPE,90,ST,0.25NPT,PN
39	0105417	1	TEE-PIPE, 0.25"NPT, PN
40	0118750	1	ADAPTER-AUTO,ST,04MP-06MS
41	6601452	AR	HOSE-AIR SOL-CYUL BAR ON/OFF

AR = As Required

Wiring Schematic - Dual Beckett Burners

9302286

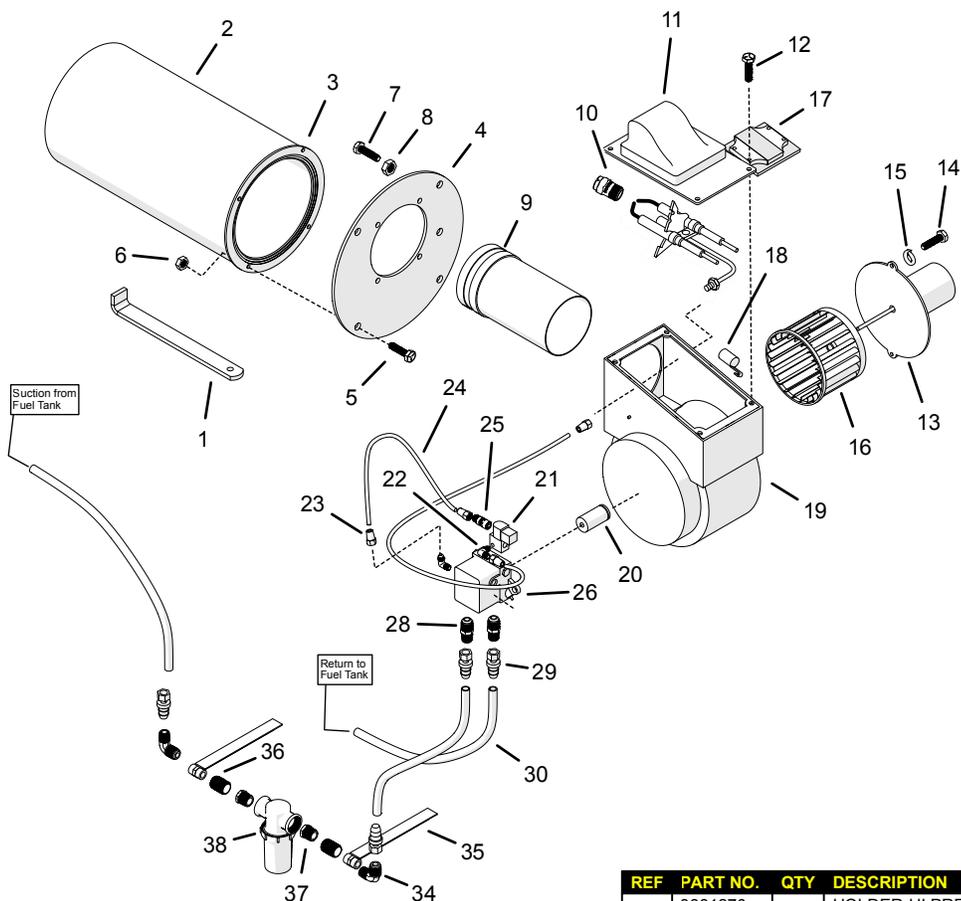
HEATING SYSTEM



REF	PART NO.	QTY	DESCRIPTION
1	9413946	8	NUT-HEX, LOCK, 0.25"NC, EA, PD
2	0120706	8	SCREW-HEX, 0.25"NC X 0.5", GR2, PD
3	2770180	1	BOX-CNTL BURN, HI PRES, EL DR
4	6701750	4	TERMINAL-RING, 10 GA, 0.25" STUD
5	6700238	5	TERINAL-API #35109
6	6702461	2	FUSEHOLDER-PANEL, WATERTITE, 3AG
7	6702460	2	FUSE-25A, 3AG, SLO-BLO
8	6702014	2	RELAY-SOLENOID, STARTER, REMOTE
9	3361179	1	BRACKET-RELAY MOUNTING
10	6700255	2	SWITCH-TOGGLE
11	6700224	59	WIRE-10 GA, STRAND, RED
12	6700223	40	WIRE-10 GA, PLASTIC, BLACK
13	6703058	5	WIRE-10 GA, PLASTIC, ORANGE
14	2770181	2	ANGLE-MTG, BOX ASM

REF	PART NO.	QTY	DESCRIPTION
15	2790054	1	DECAL-ID SWITCH ELEC BRN CTRL
16	6000059	20	CLA 0.62 RUB TUBE
17	0447839	1	SCREW-TAP, PNSL, 10NF X 0.75, F, PD
18	6000108	12	LOOM-FIBRE, 5/16"
19	6000107	12	LOOM-FIBRE, 1/4"
20*	50842	1	ADAPTER-0.75" ID TK-LT
21	6700015	3	CONNECTOR-ROMEX, 0.375"
22	0120386	4	WASHER-FLAT, 0.25" (0.31" X 0.73"), PD
23*	50845*	1	NUT-JAM, COMPR FTG. TK-LT
24	3370314	2	TAB-MTG, BREAKER to BATTERY
25	6703060	2	CIRCUIT BREAKER-50A WITH RESET
26	6700118	2	WIRE-14 GA, PLASTIC, ORANGE
27	6700119	2	WIRE-14 GA, PLASTIC, RED

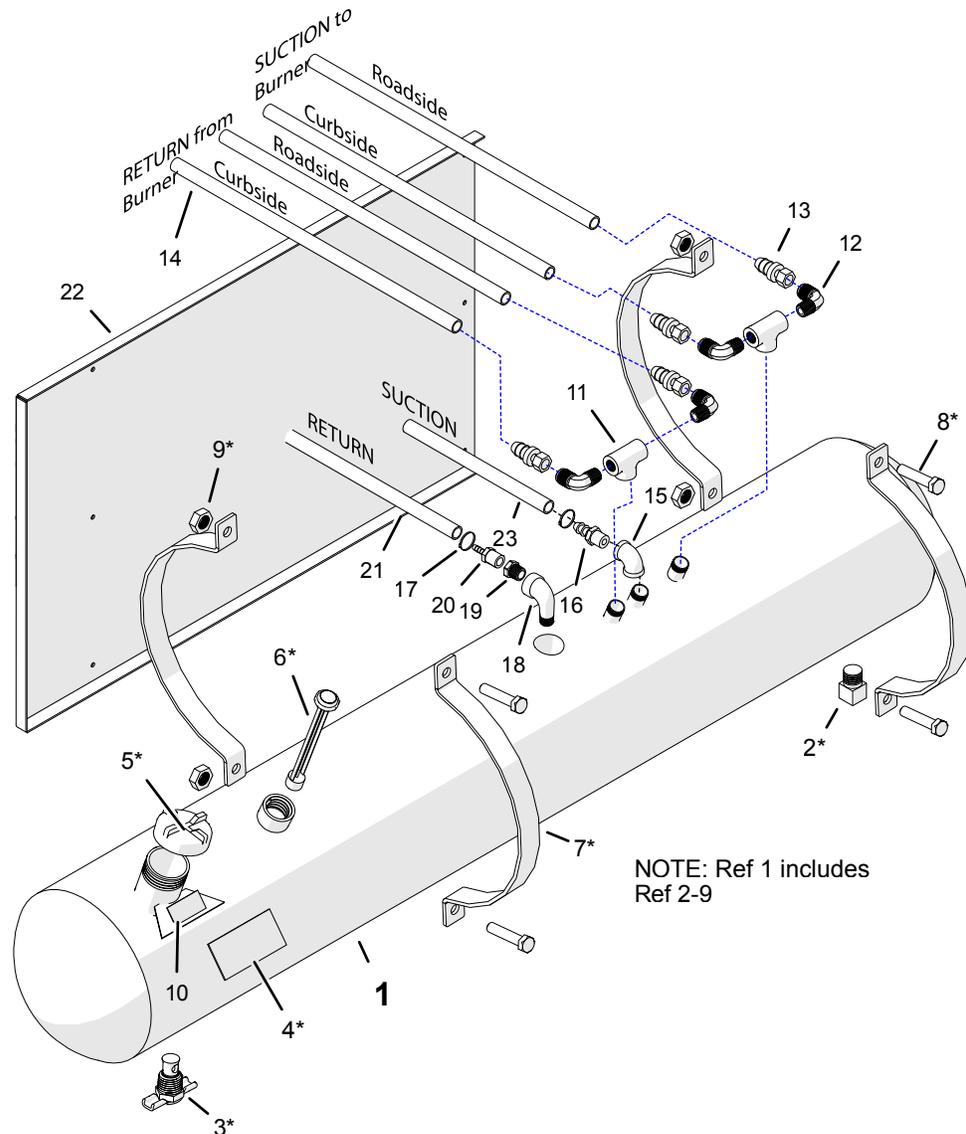
Single Beckett Burners



REF	PART NO.	QTY	DESCRIPTION
1	3331270	1	HOLDER-HI PRESS.COMB.TUBE
2	6500404	1	TUBE COMBUSTION
3	T3127AC	1	FLUE MOUNTING
4	T3127AD	1	FLANGE-BURNER MOUNT
5	0120233	4	SCREW-HEX, 0.38"NC X 1.0", GR2, PD
6	0274993	4	NUT-HEX, LOCK, 0.38"NC, EA, PD
7	0121887	4	SCREW-HEX, 0.25"NC X 0.75", GR2, PD
8	0120238	4	NUT-HEX, JAM, 0.50"NC, PD
9	6500337	1	BURNER AIR TUBE-7.5" LENGTH
10	6500404	1	NOZZLE, 3.0 GPH, 30 SOLID
11	6500397	1	TRANSFORMER-IGNITION
12	0120706	4	SCREW-HEX, 0.25"NC X 0.50", GR2, PD
13	6500386	1	MOTOR-ELECT, 14 V 3450 RPM
14	0122007	2	SCREW-HEX, 0.31"NC X 0.75", GR2, PD
15	0120214	4	WASHER-LOCK, 0.31", SPRING, PD
16	6500388	1	BLOWER WHEEL, 6.25" DIA
17	6500402	1	PRIMARY CONTROL
18	6500346	1	CAD CELL-BURNER, HI PRESS
19	6500343	1	HOUSING ASM-BURNER, HI PRESS
20	6500387	1	COUPLING-BLOWER TO MOTOR
21	6500400	1	FUEL VALVE
22	6200362	2	ELBOW-3/16 TUBE X 1/8MPT
23	0120704	4	NUT-FLARED TUBE, 0.18" X 0.81"
24	6309067	AR	TUBE-COPPER, 0.19" X 0.03, GENERIC
25	0120703	1	UNION-HALF, 3/16TBG X 1/8MPT
26	6500399	1	FUEL PUMP
28	0118750	1	ADAPTER-AUTO,ST,04MP-06MS
29	6600306	4	HOSE END-06 X 06FSX, ST, LPSP
30	6600324	AR	HOSE-0.38, PER FOOT
34	0118755	2	ELBOW-AUTO,90,04MP-06MS
35	2750513	2	BRACKET ASM-MTG. GAUGE
36	0105405	2	NIPPLE-SCH40, 0.25" X 0.87CL, PN
37	0144036	2	BUSHING-PIPE,0.38X0.25NPT,PD
38	6500342	1	FILTER ASM
38	->7730001	1	FILTER ELEMENT-OIL, REPLACEMENT

AR = As Required

Fuel Tank Assembly



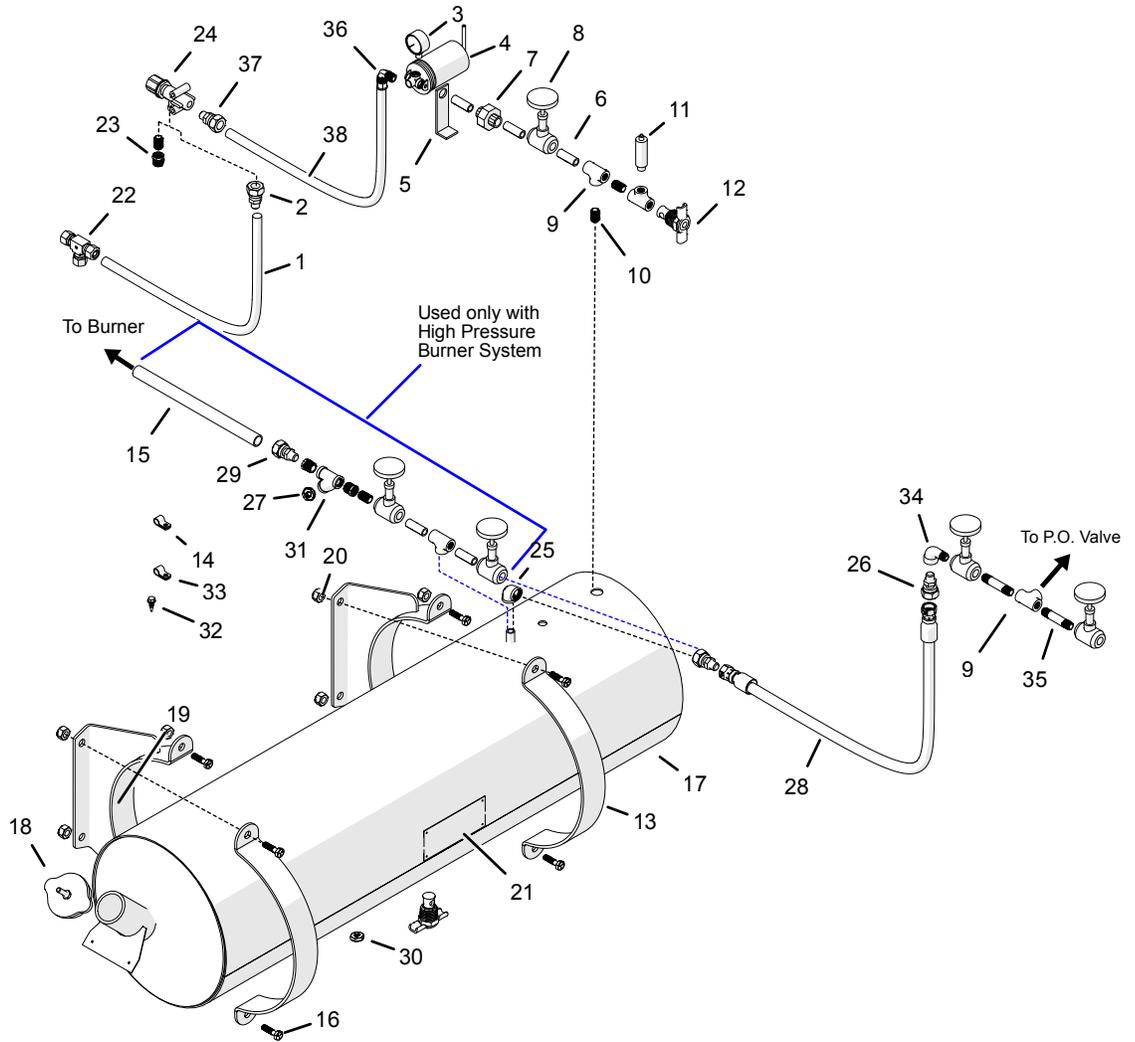
NOTE: Ref 1 includes Ref 2-9

HEATING SYSTEM

REF	PART NO.	QTY	DESCRIPTION
1	2781003	1	TANK-FUEL, 70 GAL.
2*	0219189	1	PLUG-PIPE, SqHd, 0.25"NPT, PN
3*	6600162	1	COCK-DRAIN,0.25",EXTERNAL SEAT
4*	3390570	1	PLATE-IDENTIFICATION, FUEL TANK
5*	6100235	1	CAP-FILLER,FUEL TANK
6*	6601308	1	GAUGE-LIQUID,LEVEL,16IN,TANKS
7*	3320325	4	BAND-SUPPORT,FUEL TANK,12 IN
8*	0122459	4	1/2-13 X 2 1/2 HEX HEAD
9*	9411727	4	NUT-HEX, LOCK, 0.50"NC, EA, PD
10	3360180	1	PLATE-FILL W/ DIESEL FUEL ONLY
11	0105417	2	TEE-PIPE,0.25NPT,PN
12	0118755	4	ELBOW-AUTO,90,04MP-06MS
13	6600306	4	HOSE-END, 06 X 06FSX, ST,LPSP
14	6600324	AR	HOSE-HYD, 0.38", 300 WP/FT
15	0105413	1	ELBOW-PIPE,90,0.25NPT,PN
16	6600407	1	HOSE END-05X04MP,ST,LPSP
17	6001005	2	CLAMP-HOSE,# M96,WORM GEAR
18	0105423	1	ELBOW-PIPE,90,ST,0.25NPT,PN
19	0119930	1	BUSHING-PIPE,0.25X0.12NPT,PNTL
20	6602575	1	HOSE END-08X08MP,ST,LPSP
21	6309255	AR	HOSE-FUEL, 0.19 ID/FT
22	2781473	1	SHIELD-ENGINE GUARD
23	6309248	AR	HOSE-FUEL LINE, 0.31, GENERIC

AR = As Required

Fuel Tank and Lines

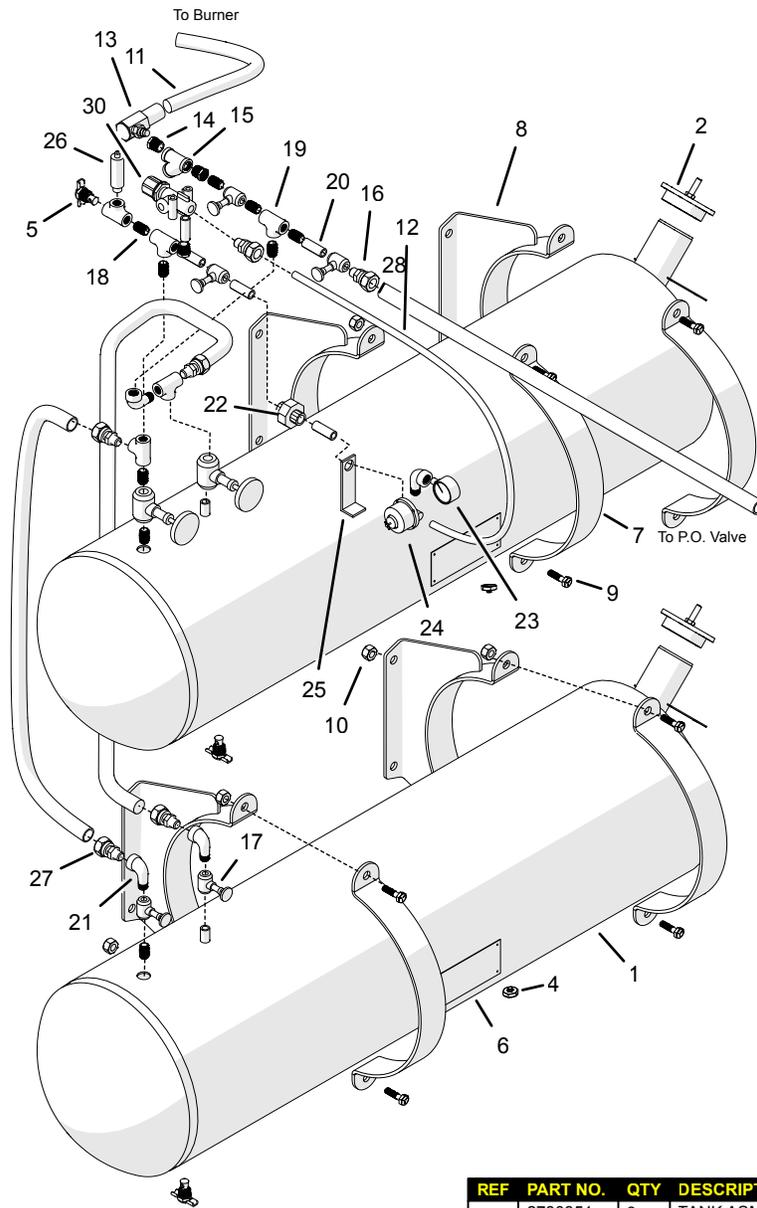


HEATING SYSTEM

REF	PART NO.	QTY	DESCRIPTION
1	6309169	1	TUBE-NYLON, AIR, 0.5"
2	6600939	1	ADAPTER-AUTO, ST, 04MP-06MT
3	6600196	3	GAUGE-PRESS, 1.0 IN 0-100 PSIG
4	7720018	1	REGULATOR-PRESSURE
4	—6600030	1	REGULATOR-PRESSURE, HI PRESS. BURNER
5	2750688	1	BRACKET-REGULATOR
6	0105407	5	NIPPLE-PP-SCH 40, 0.25X1.50, PN
7	6000412	1	UNION-RAILROAD, 0.25"
8	6600194	5	VALVE-GLOBE, STGHT, 25, NEEDLE
9	0105417	4	TEE-PIPE, 0.25NPT, PN
10	0105405	4	NIPPLE-SCH 40, 0.25X0.87 CL, PN
11	6200470	1	VALVE-SAFETY, 275362 BW
12	6600162	2	COCK-DRAIN, 0.25"
13	3311035	2	BAND-SUPPORT FUEL TANK, 12 IN
14	6000056	AR	CLA 3/8 IN RUB TUBE, BERG#1511-3
15	6309071	AR	TUBE-3/8", COPPER (PER FOOT)
16	0122433	8	SCREW-HEX, 0.5"NC X 1.5", GR2, PD
17	2780351	1	TANK ASM-FUEL, 12" DIA.
18	2780347	1	CAP-FILL, BLANK
18	—3330027	1	GASKET-FUEL TANK CAP
19	2781314	2	BRACKET-TANK, FUEL, 12"
20	9411727	8	NUT-HEX, LOCK, 0.50NC, EA, PD
21	3360180	1	DECAL-FILL W/ DIESEL FUEL ONLY
22	6600940	1	TEE-UNION, 0.5" X 0.5" X 0.5"
23	0144036	3	BUSHING-PIPE, 0.38X0.25NPT, PD
24	6600304	1	VALVE-PRESSURE REGULATOR
25	0105415	1	ELBOW-PIPE, 90, 0.25", PN
26	0114640	2	ADAPTER-AUTO, ST, 05MS-04MP
27	0219191	1	PLUG-PIPE, SQHD, 3/8", PN
28	6309069	AR	TUBE-5/16", COPPER (PER FOOT)
29	6000660	1	ADAPTER-AUTO, ST, 06MS-04MP
30	0219189	1	PLUG-PIPE, SQHD, 0.25", PN
31	6600199	1	STRAINER-STY B, TYPE Y
32	6000550	AR	SCREW-TAP, HEX HD, 0.25" X 2.5", PN
33	6000056	AR	CLAMP-5/16"
34	0105423	1	ELBOW-PIPE, 90, ST, 0.25NPT, PN
35	0119290	2	NIPPLE-PP-SCH 40, 0.25X2.50, PN
36	6604256	1	ADAPTER-AUTO, 90, 04MP-06MT
37	6600831	1	ADAPTER-ARBK, ST, 04MP-06MT
38	6309162	AR	TUBE-NYLON, AIR, 3/8"

AR = As Required

2 Fuel Tanks and Lines

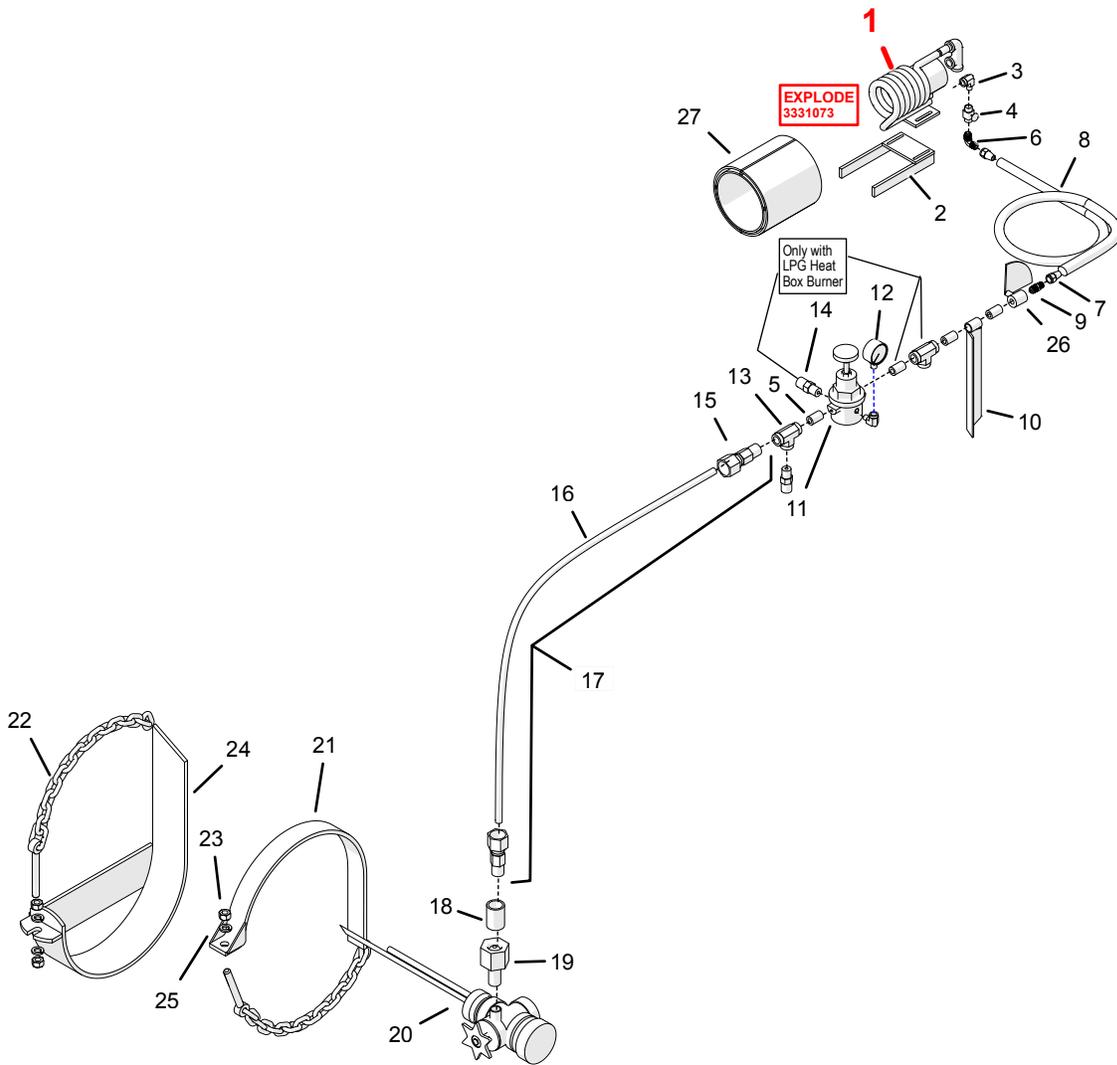


REF	PART NO.	QTY	DESCRIPTION
1	2780351	2	TANK ASM-FUEL, 12" DIA
2	2780347	2	FUEL CAP ASM-TRANSPORT
3	-3330027	2	GASKET-FUEL TANK CAP
4	0219189	2	PLUG-PIPE, SQHD, 0.25", PN
5	6600162	3	COCK-DRAIN, 0.25", EXTERNAL SEAT
6	3360180	1	PLATE-IDENTIFICATION FUEL TANK
7	3311035	2	BAND-SUPPORT, FUEL TANK, 12 IN
8	2781427	4	BRACKET ASM-TANK, FUEL, 12"
9	0122433	8	SCREW-HEX, 0.5" NC X 1.5", GR2, PD
10	9411727	8	NUT-HEX, LOCK, 0.50 NC, EA, PD
11	6309071	AR	TUBE-COPPER, 0.38" X 0.07", GENERIC
12	6309162	AR	TUBE-NYLON, AIR, 0.38", GENERIC
13	6600832	1	ELBOW-ARBK, 90, 04MP-06MT
14	0144036	3	BUSHING-PIPE, 0.38 X 0.25 NPT, PD
15	6600199	1	STRAINER-STY B, TYPE Y
16	6000660	2	CONNECTOR-MALE, 3/8 TO 1/4
17	6600194	7	VALVE-GLOBE, STRAIGHT, 0.25 NEEDLE
18	0105405	8	NIPPLE-SCH 40, 0.25 X 0.87 CL, PN
19	0105417	5	TEE-PIPE, 0.25 NPT, PN
20	0105407	5	NIPPLE-PP, SCH 40, 0.25 X 1.50, PN
21	0105423	4	ELBOW-PIPE, 90, 0.25" NPT, PN
22	6000412	1	UNION-RAILROAD, 0.25"
23	6600196	1	GAUGE-PRESS, 1.0 IN, 0-100 PSIG
24	6600030	1	REG-N/R EAL-NOR11-002-013, 0.35
25	2750688	1	BRKT-REGULATOR, AIR LINE
26	6200470	1	VALVE-SAFETY
27	6600831	6	ADAPTER-ARBK, ST, 04MP-06MT
28	6309069	AR	TUBE-5/16", COPPER (PER FOOT)
29	-6600030	AR	LOOM-FIBRE, .44, WIREMOLD
30	6600304	1	VALVE-PRESSURE REGULATOR

AR = As Required

Single Liquid Propane Gas Burner

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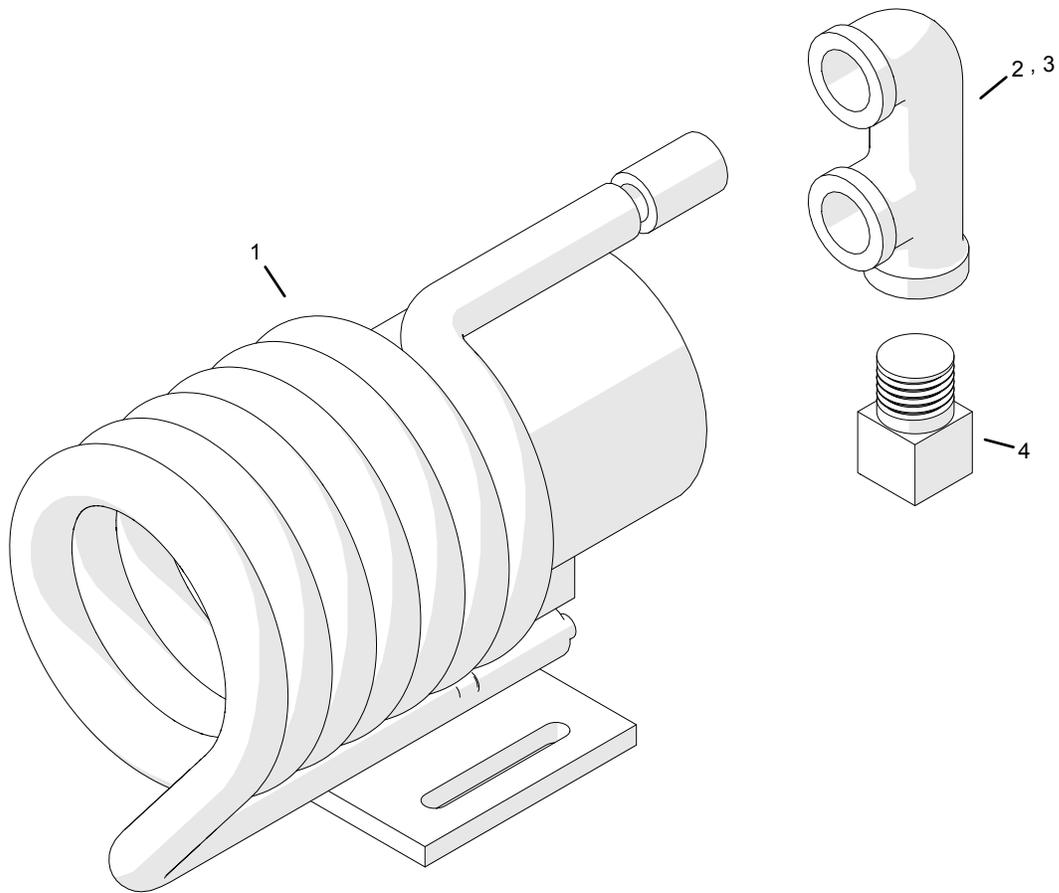


HEATING SYSTEM

REF	PART NO.	QTY	DESCRIPTION
1	3331073	1	BURNER ASM-LIQUID PROPANE, ETYNRE
2	2730056	1	BRACKET ASM-MTG, LPG BURNER
3	0454109	2	ELBOW-AUTO,90,04FP-04MP,PD
4	6500064	1	VALVE-NEEDLE,0.25NPTF,025PILOT
5	6200891	4	NIPPLE-PP,SCH 80,.25X.87 CL,PN
6	0118755	1	ELBOW-AUTO,90,04MP-06MS
7	0118539	2	NUT-AUTO,06MS
8	6309071	14'	TUBE-COPPER, 3/8" X .07 (per foot)
9	0118750	1	ADAPTER-AUTO,ST,04MP-06MS
10	2750513	1	BRACKET ASM-MTG, GAUGE
11	7720018	1	REGULATOR-PRESSURE
12	6600196	1	GAUGE-PRESS,1.0 IN,0-100 PSIG
13	0454121	1	TEE-AUTO,04FP-04FP-04FP,PD
14	7720014	1	VALVE RELIEF,400 PSI LPG HYDRO
15	6200366	2	HOSE END-5/16 PROPANE-1/4NPT
16	3330977	1	HOSE-PROPANE
17	2730064	1	HOSE ASM-PROPANE, BOTTLE TO REGULATOR
18	0444097	1	COUPLING-HYD, 0.25"NPT, ST, PD
19	6500223	1	CONNECTOR-TANK, LPG
20	6500222	1	VALVE-CYL, LPG, LQD DRAW, 100Lb
21	2750131	1	STRAP-SUPT, UPPER BRKT ASM
22	2750203	2	CHAIN & EYE BOLT ASM
23	0124589	3	NUT-HEX,0.62NC,PD
24	2750127	1	BRACKET ASM-SUPT, LOWER, BOTTLE
25	0121574	3	WASHER-LOCK,0.62,SPRING,PD
26	6500366	1	VALVE-BALL,.250,
27	3331196	1	FLUE LINER-48" X 8" (Optional)

LPG Burner Asm

3331073

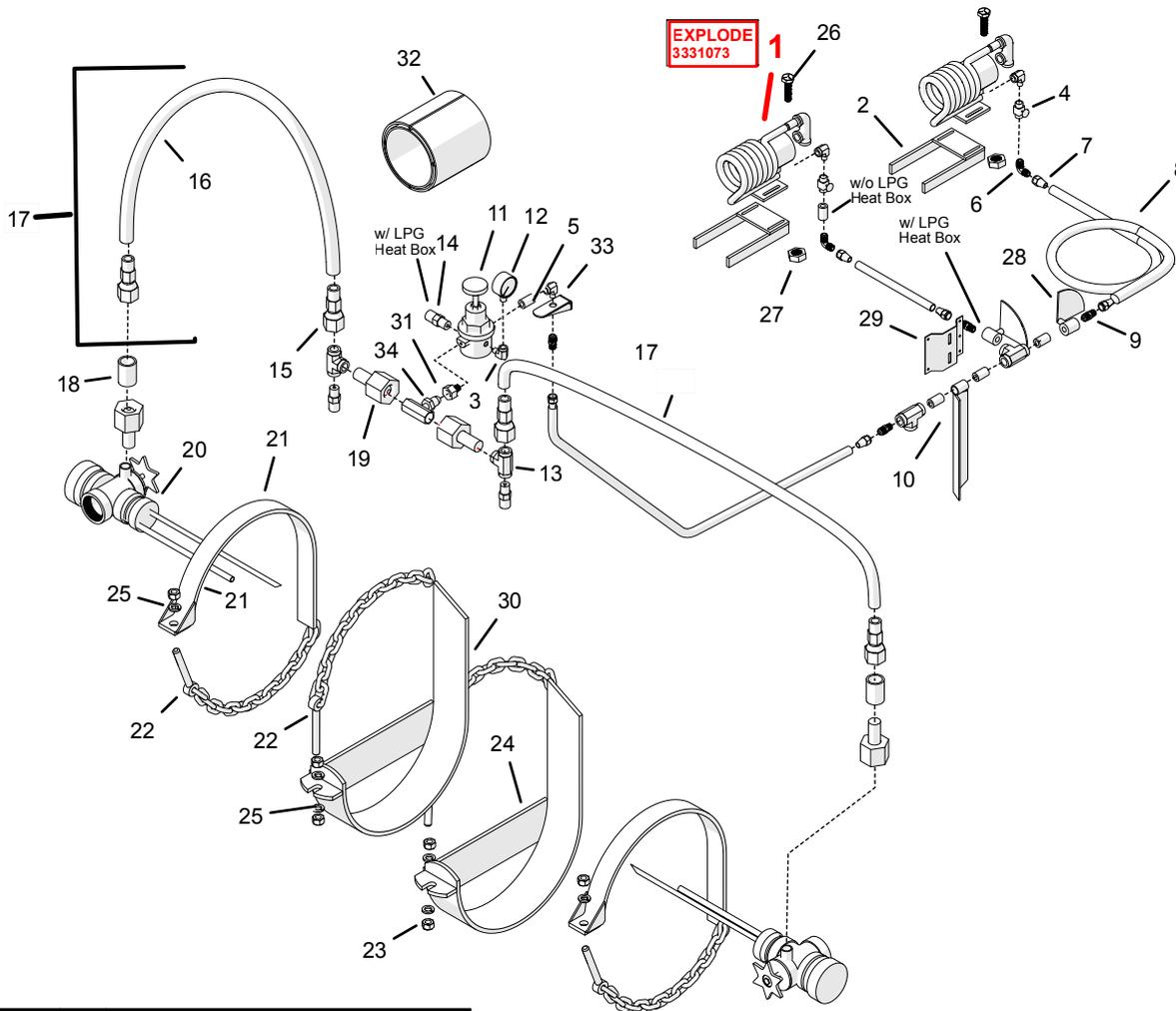


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REF	PART NO.	QTY	DESCRIPTION
1	3331082	1	COIL ASM-BURNER
2	3331036	1	BURNER ASM-LIQUID PROPANE, ETYNRE
3	3331086	1	NOZZLE-LPG BURNER
4	0219191	1	PLUG-PIPE, SQHD, 3/8"NPG, PN

Dual Liquid Propane Gas Burners

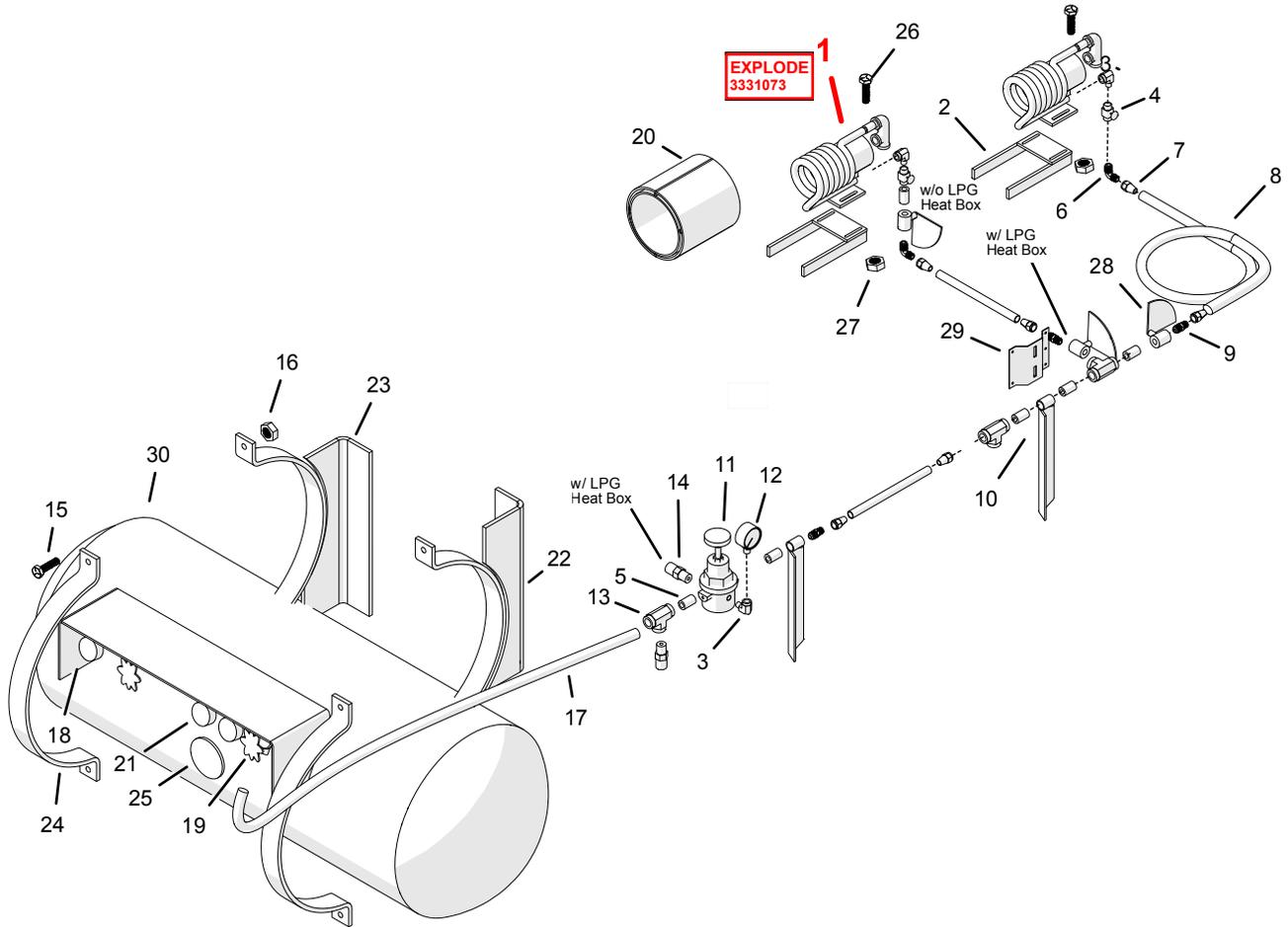
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REF	PART NO.	QTY	DESCRIPTION
1	3331073	2	BURNER ASM-LIQUID PROPANE, ETNYRE
2	2730056	2	BRACKET ASM-MTG, LPG BURNER
3	0454109	4	ELBOW-AUTO,90,04FP-04MP,PD
4	6500064	2	VALVE-NEEDLE,0.25NPTF,025PILOT
5	6200891	6	NIPPLE-PP,SCH 80,.25X.87 CL,PN
6	0118755	2	ELBOW-AUTO,90,04MP-06MS
7	0118539	6	NUT-AUTO,06MS
8	6309071	17'	TUBE-COPPER, 3/8" X .07 (per foot)
9	0118750	3	ADAPTER-AUTO,ST,04MP-06MS
10	2750513	1	BRACKET ASM-MTG, GAUGE
11	7720018	1	REGULATOR-PRESSURE
12	6600196	1	GAUGE-PRESS,1.0 IN,0-100 PSIG
13	0454121	4	TEE-AUTO,04FP-04FP-04FP,PD
14	7720014	3	VALVE RELIEF,400 PSI LPG HYDRO
15	6200366	4	HOSE END-5/16 PROPANE-1/4NPT
16	3330977	2	HOSE-PROPANE
17	2730064	2	HOSE ASM-PROPANE, BOTTLE TO REGULATOR
18	0444097	2	COUPLING-HYD, 0.25"NPT, ST, PD
19	6500223	4	CONNECTOR-TANK, LPG
20	6500222	2	VALVE-CYL, LPG, LOD DRAW, 100Lb
21	2750131	2	STRAP-SUPT, UPPER BRKT ASM
22	2750203	4	CHAIN & EYE BOLT ASM
23	0124589	6	NUT-HEX,0.62NC,PD
24	2750127	1	BRACKET ASM-SUPT, LOWER, BOTTLE
25	0121574	6	WASHER-LOCK,0.62,SPRING,PD
26	0121900	8	SCREW-HEX, 0.25"NC X 1.0", GR2, PD
27	9413946	10	NUT-HEX, LOCK, 0.25"NC, PD
28	6500366	2	VALVE-BALL,.250,
29	2750492	1	BASE-BOX
30	2780443	1	BRACKET ASM-LOWER,RT, BOTTLE
31	6600785	1	ADAPTER-AUTO,ST,04MP-06MS
32	3331196	1	FLUE LINER-48" X 8" (Optional)
33	3331109	1	BRACKET ASM-PROPANE BURNERS
34	6602028	1	THROWOVER VALVE-AUTOMATIC

Dual Liquid Propane Gas Burners w/ 52 Gal Tank

E2C0010

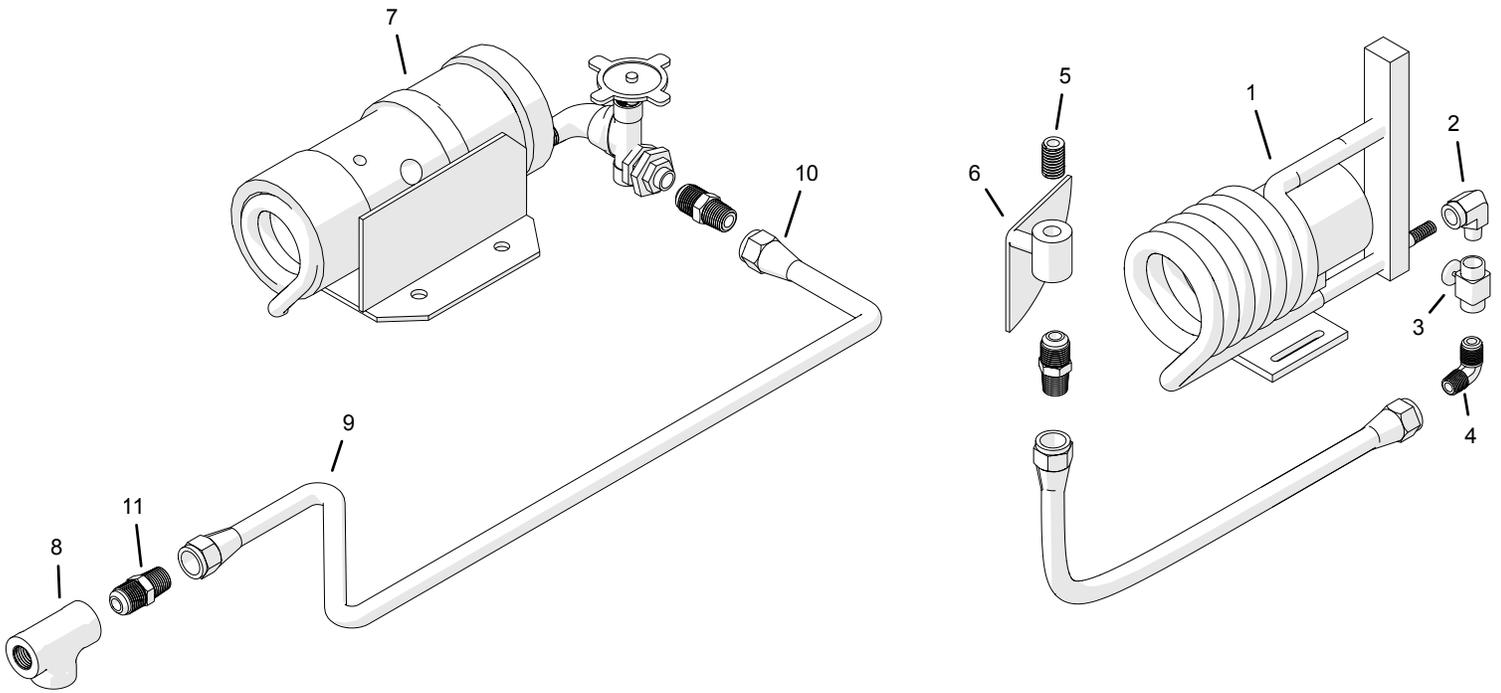


HEATING SYSTEM

REF	PART NO.	QTY	DESCRIPTION
1	3331073	2	BURNER ASM-LIQUID PROPANE, ETTYRE
2	2730056	2	BRACKET ASM-MTG, LPG BURNER
3	0454109	4	ELBOW-AUTO, 90, 04FP-04MP, PD
4	6500064	2	VALVE-NEEDLE, 0.25NPTF, 025PILOT
5	6200891	4	NIPPLE-PP, SCH 80, .25X.87 CL, PN
6	0118755	2	ELBOW-AUTO, 90, 04MP-06MS
7	0118539	6	NUT-AUTO, .06MS
8	6309071	17'	TUBE-COPPER, 3/8" X .07 (per foot)
9	0118750	4	ADAPTER-AUTO, ST, 04MP-06MS
10	2750513	2	BRACKET ASM-MTG, GAUGE
11	7720018	1	REGULATOR-PRESSURE
12	6600196	1	GAUGE-PRESS, 1.0 IN, 0-100 PSIG
13	0454121	3	TEE-AUTO, 04FP-04FP-04FP, PD
14	7720014	2	VALVE RELIEF, 400 PSI LPG HYDRO
15	0120237	4	SCREW-HEX, 0.5"NC X 3.0", GR2, PD
16	9410727	4	NUT-HEX, LOCK, 0.25"NC, PD
17	2730097	1	HOSE-PROPANE
18	7720064	1	VALVE-FILL, TANK, LPG, 18X42X53
19	7720066	2	VALVE-LIQUID, TANK, LPG, 18X42X53
20	3331196	1	FLUE LINER-48" X 8" (Optional)
21	7720062	1	VALVE-20%, TANK, LPG 18X42X53
22	2780490	1	BRACKET-LEFT, 52 GAL 6PG TANK
23	2780491	1	BRACKET-RIGHT, 52 GAL 6PG TANK
24	3330293	4	RING-18 IN. PROPANE BOTTLE
25	7720063	1	GAUGE-SIGHT, TANK, 18X42X53
26	0121900	4	SCREW-HEX, 0.25"NC X 1.0", GR2, PD
27	9413946	4	NUT-HEX, LOCK, 0.25"NC, PD
28	6500366	3	VALVE-BALL, .250,
29	2750492	1	BASE-BOX
30	6500045	1	TANK-LPG, 52 GAL., 18 X 53

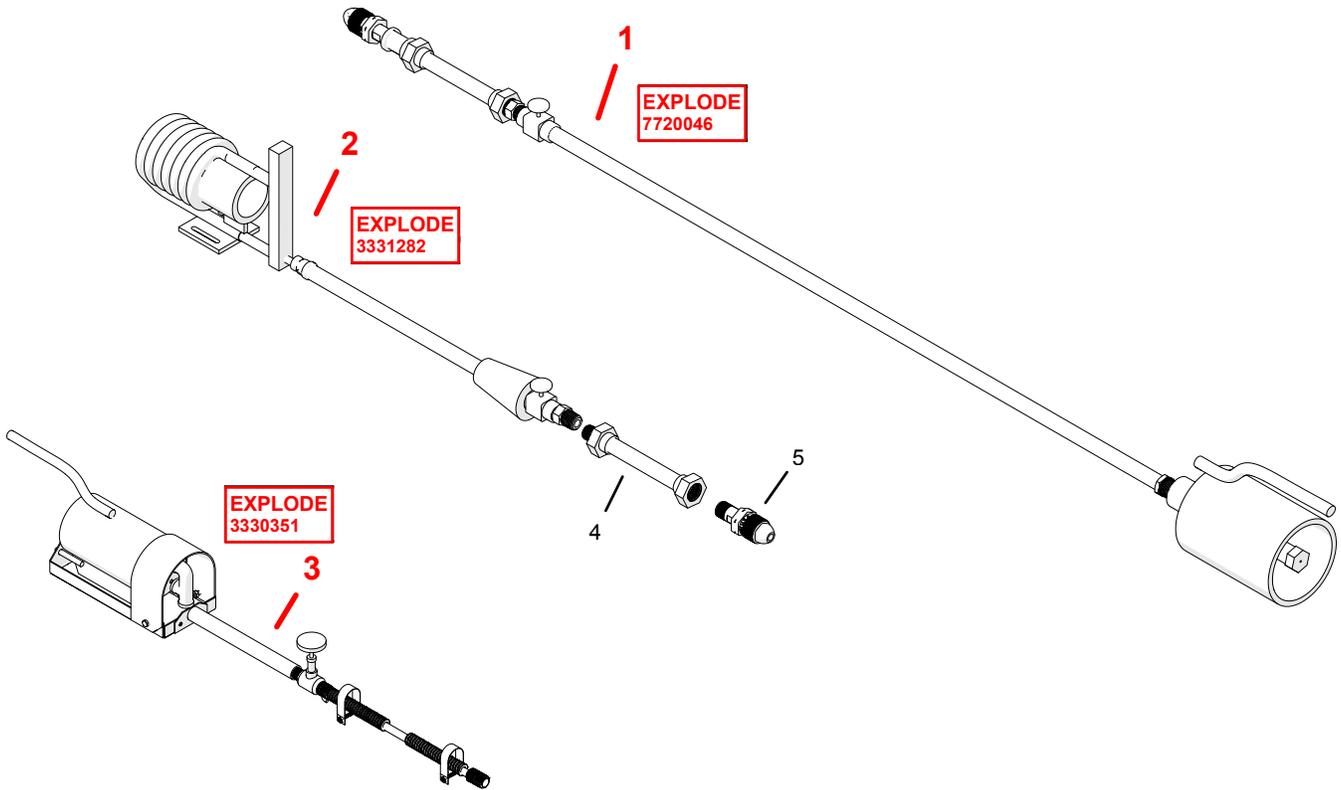
Heat Box Burners

HEATING SYSTEM



REF	PART NO.	QTY	DESCRIPTION
1	6500071	1	BURNER-LIQUID PROPAND GAS
2	0454109	1	ELBOW-AUTO,90,04FP-04MP,PD
3	6500064	1	VALVE-NEEDLE,0.25NPTF,025PILOT
4	0118755	1	ELBOW-AUTO,90,04MP-06MS
5	6200891	1	NIPPLE-PP,SCH 80,,25X.87 CL,PN
6	6500366	1	VALVE-BALL,,250,
7	6500046	1	BURNER-HAUCK, #211D
8	0105417	1	TEE-PIPE,0.25NPT,PN
9	6309071	4	TUBE-COPPER, 3/8", .07 WALL
10	0118539	4	NUT-AUTO,06MS
11	0118750	3	ADAPTER-AUTO,ST,04MP-06MS

Portable Burners-LPG,Liquid&Vapor-Kerosene Generating

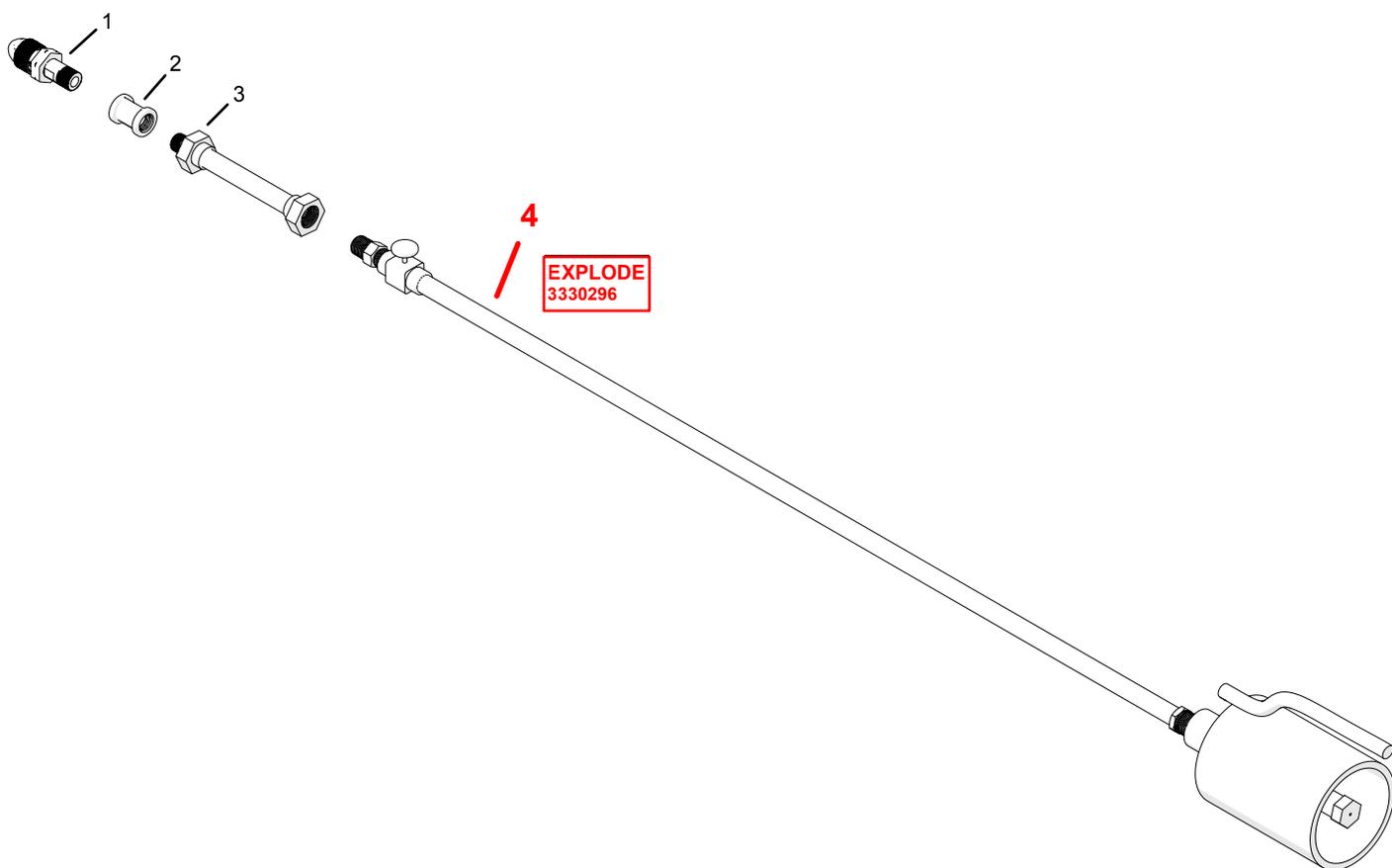


HEATING SYSTEM

REF	PART NO.	QTY	DESCRIPTION
1	7720046	1	BURNER ASM-VAPOR, PROPANE
2	3331282	1	BURNER ASM-w/o HOSE
3	3330351	1	PORTABLE BURNER ASM-GENERATING
4	6601692	1	HOSE-BURNER, PORTABLE, PROPANE, 0.25"
5	6600043	1	CONNECTOR-TANK LPG

Propane Vapor Burner Asm

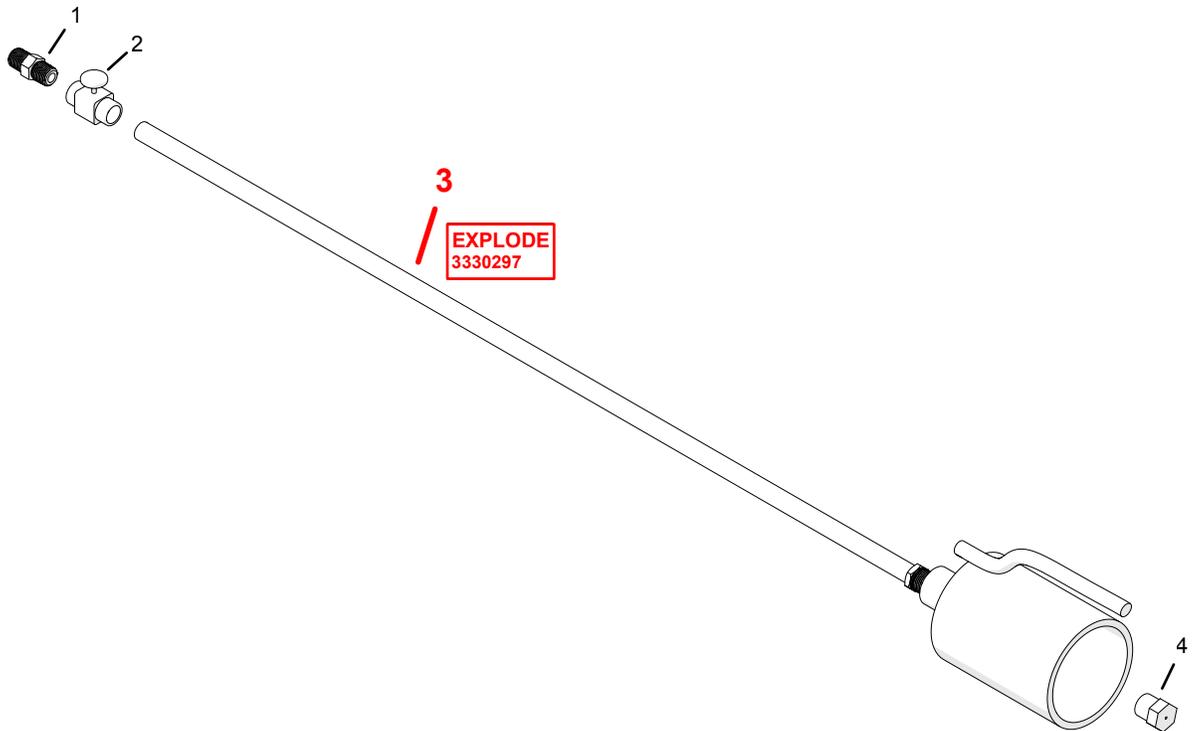
7720046



REF	PART NO.	QTY	DESCRIPTION
1	6600043	1	CONNECTOR-TANK, LPG
2	0144068	1	COUPLING-PIPE, 0.25"NPT, PD
3	6601692	1	HOSE-BURNER, PORTABLE,PROPANE, 0.25"
4	3330296	1	BURNER ASM-PORTABLE, LPG VAPOR

LPG Vapor Portable Burner Asm

3330296

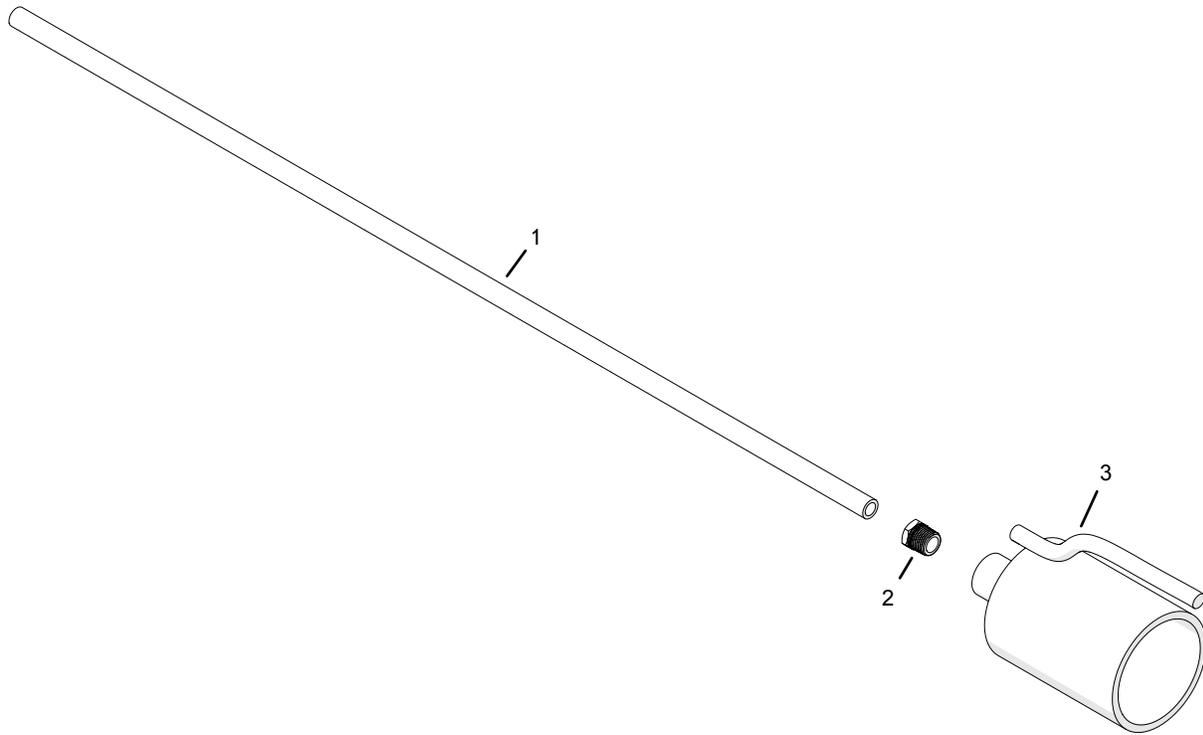


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REF	PART NO.	QTY	DESCRIPTION
1	4470350	1	NIPPLE-HEX, 0.25" X 1.125"
2	6500064	1	VALVE-NEEDLE, 0.25"NPTF, w/ PILOT
3	3330297	1	BURNER ASM-PORTABLE, LPG VAPOR
4	3330001	1	PLUG-VAPORIZING

LPG Vapor Portable Burner Asm

3330297

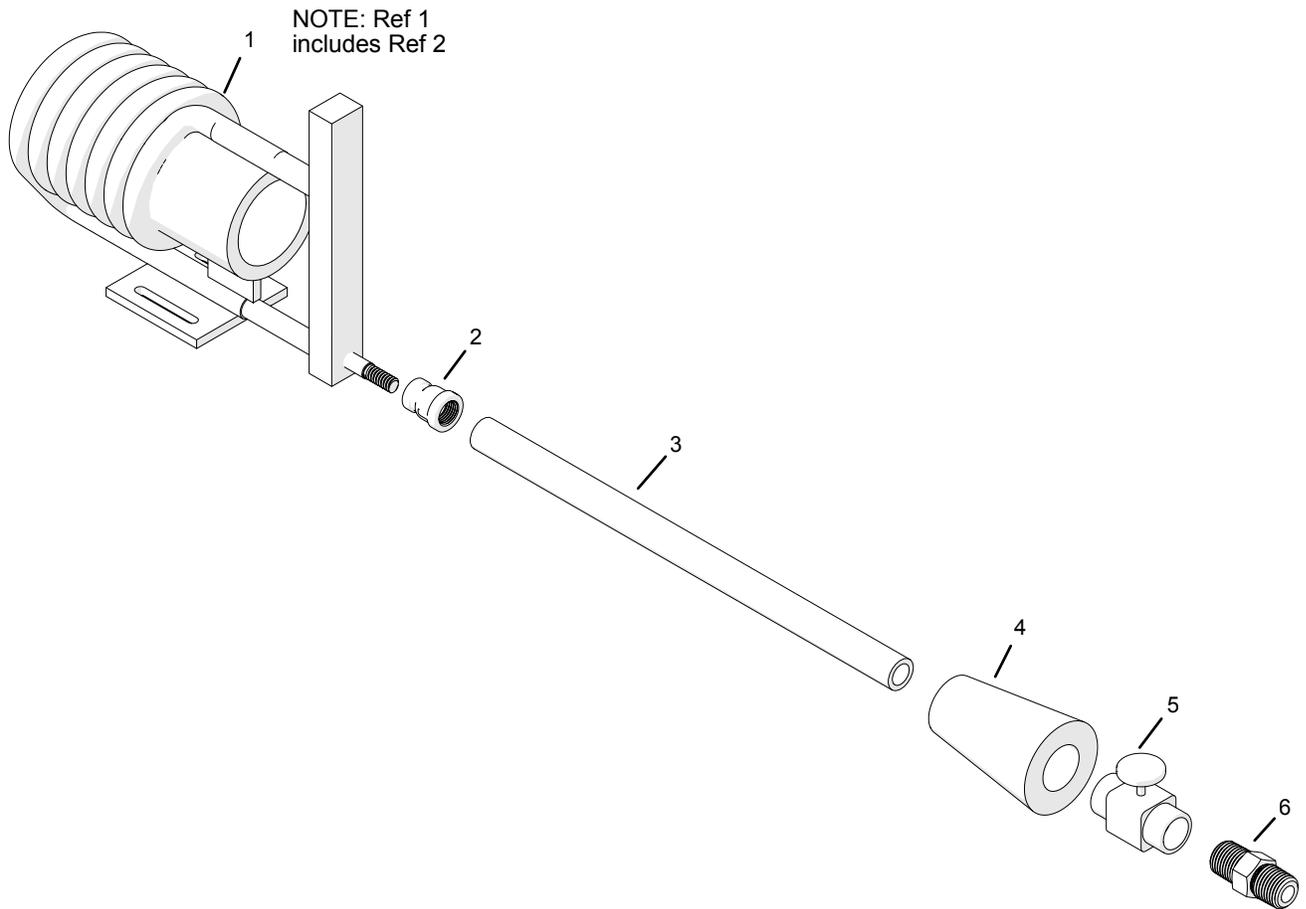


HEATING SYSTEM

REF	PART NO.	QTY	DESCRIPTION
1	6500251	1	PIPE-SCH40, 0.25" X 3.0", TBE,PN
2	0119931	1	BUSHING-PIPE, 3/8" X 0.25"NPT, PN
3	3330298	1	SHROUD ASM-PORTABLE BURNER

Burner Assembly w/o Hose

3331282

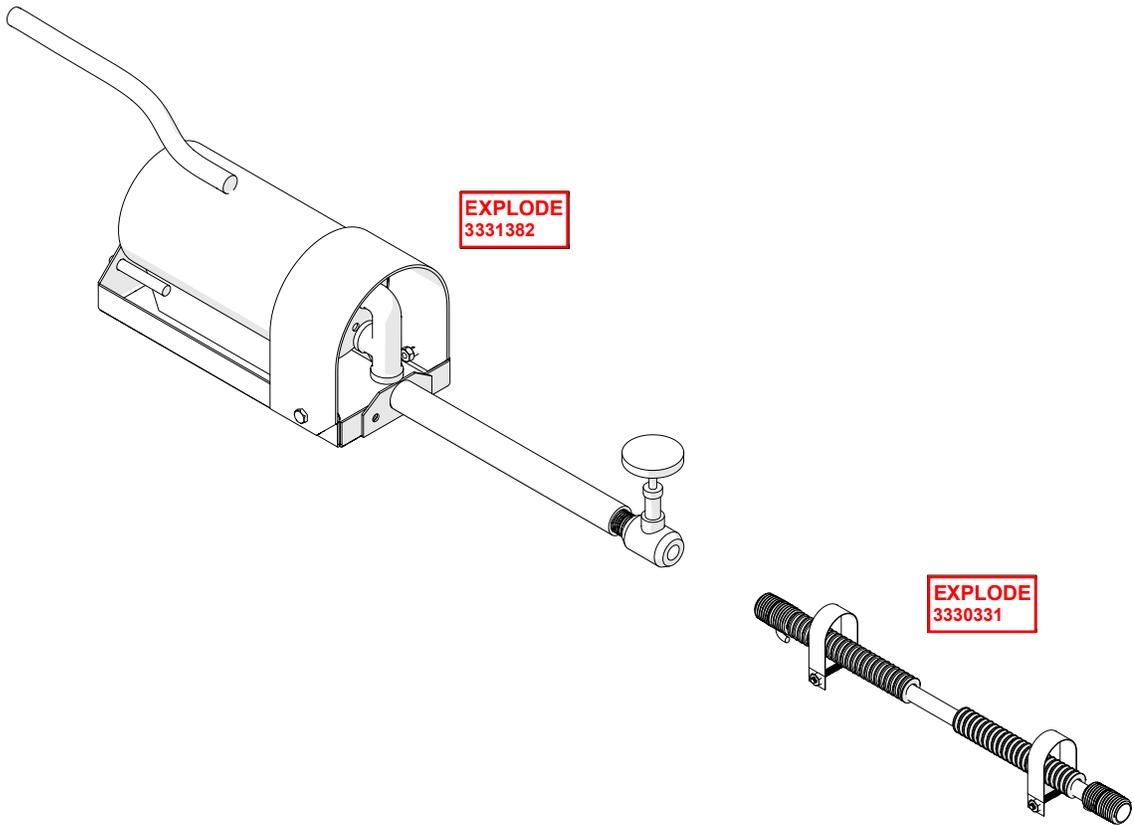


HEATING SYSTEM

REF	PART NO.	QTY	DESCRIPTION
1	6500071	1	BURNER-LPG, #J1 DUAL FUEL
2	0105420	1	COUPLING-0.25"NPT X 0.125"NPT
3	6200251	1	PIPE-SCH40, 0.25" X 30", TBE, PN
4	7700025	1	GRIP-HAND, HAUCK
5	6500064	1	VALVE-NEEDLE, 0.25"NPTF, .25" PILOT
6	4470350	1	NIPPLE-HEX, 0.25" X 1.125"

Generating Portable Burner Assembly

3330351

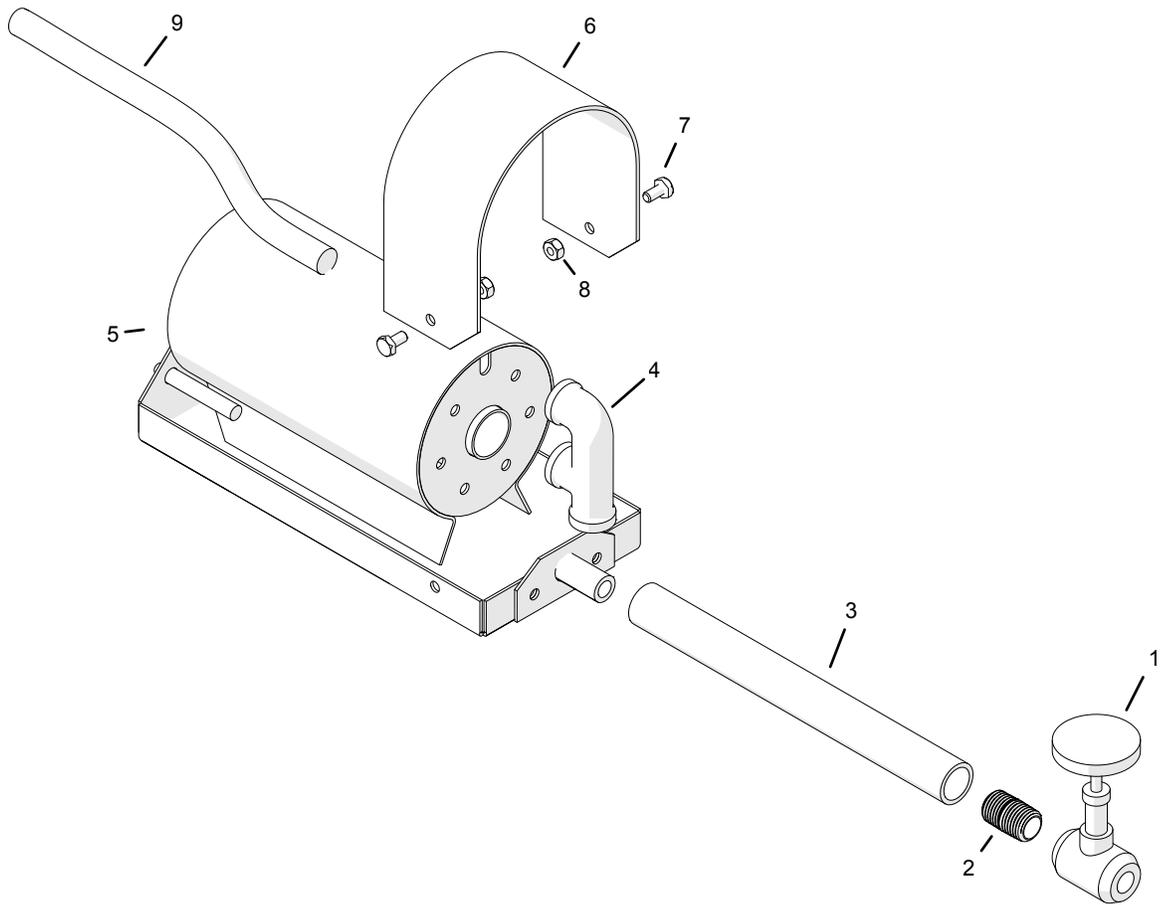


REF	PART NO.	QTY	DESCRIPTION
1	3331382	1	PORTABLE BURNER ASM-GENERATING
2	3330331	1	HOSE ASM-20 PORTABLE BURNER

Generating Portable Burner Assembly

3331382

HEATING SYSTEM

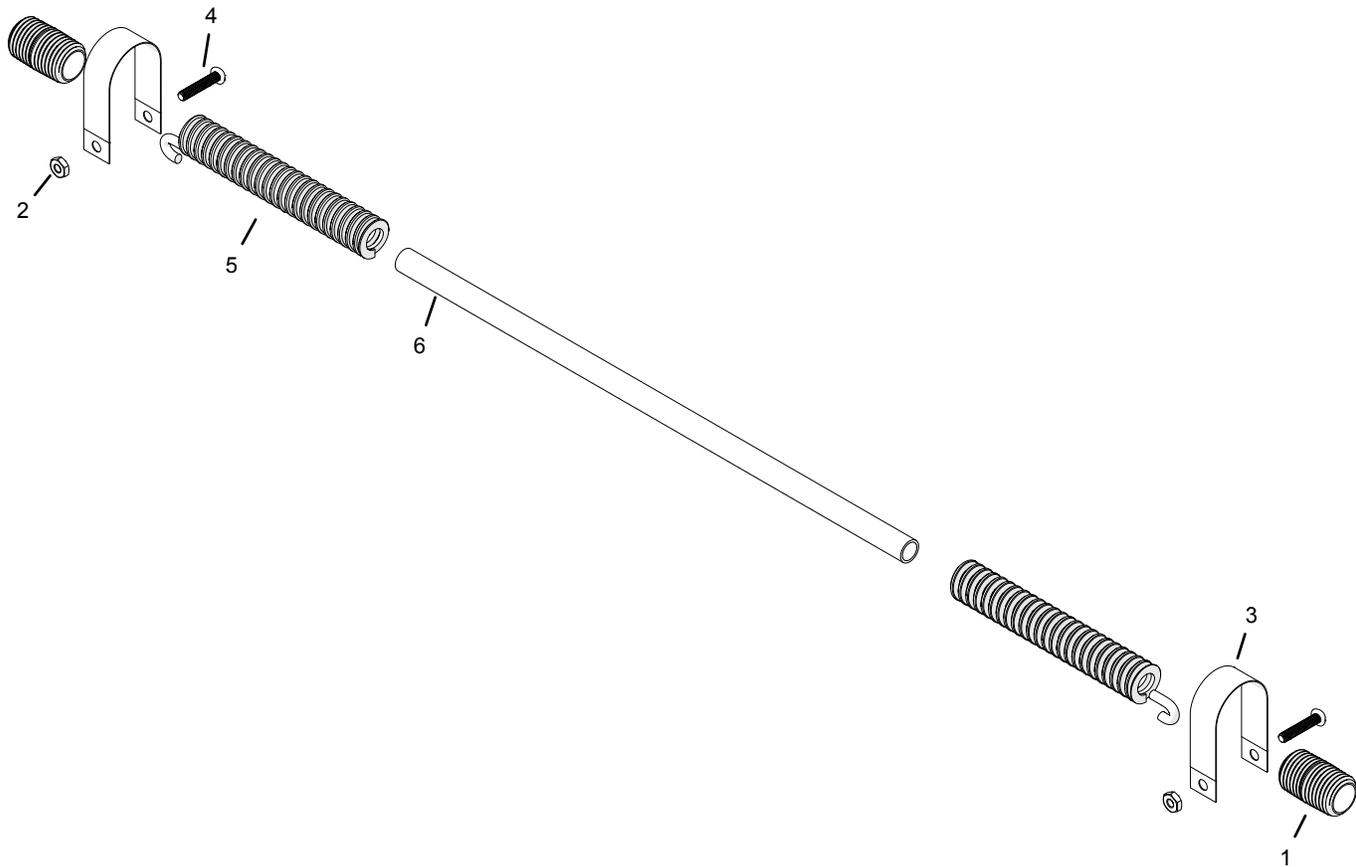


REF	PART NO.	QTY	DESCRIPTION
1	6600194	1	VALVE-GLOBE,STGHT,.25,NEEDLE
2	0105405	1	NIPPLE-SCH 40,0.25X0.87 CL,PN
3	2630080	1	HANDLE ASM
4	3331036	1	HOLDER-VAPOR PLUG
4	→3330002	1	VAPORIZING PLUG #54
4	→0219191	1	PIPE PLUG-SQHD, 3/8"NPT
5	3330003	1	BURNER ASM-SMALL
6	2630163	1	COVER-GENERATING BURNER
7	0120706	1	SCREW-HEX,0.25NCX0.50,GR2,PD
8	9413946	1	NUT-HEX,LOCK,0.25NC,EA,PD
9	3330356	1	HOLDER

Generating Portable Burner Assembly

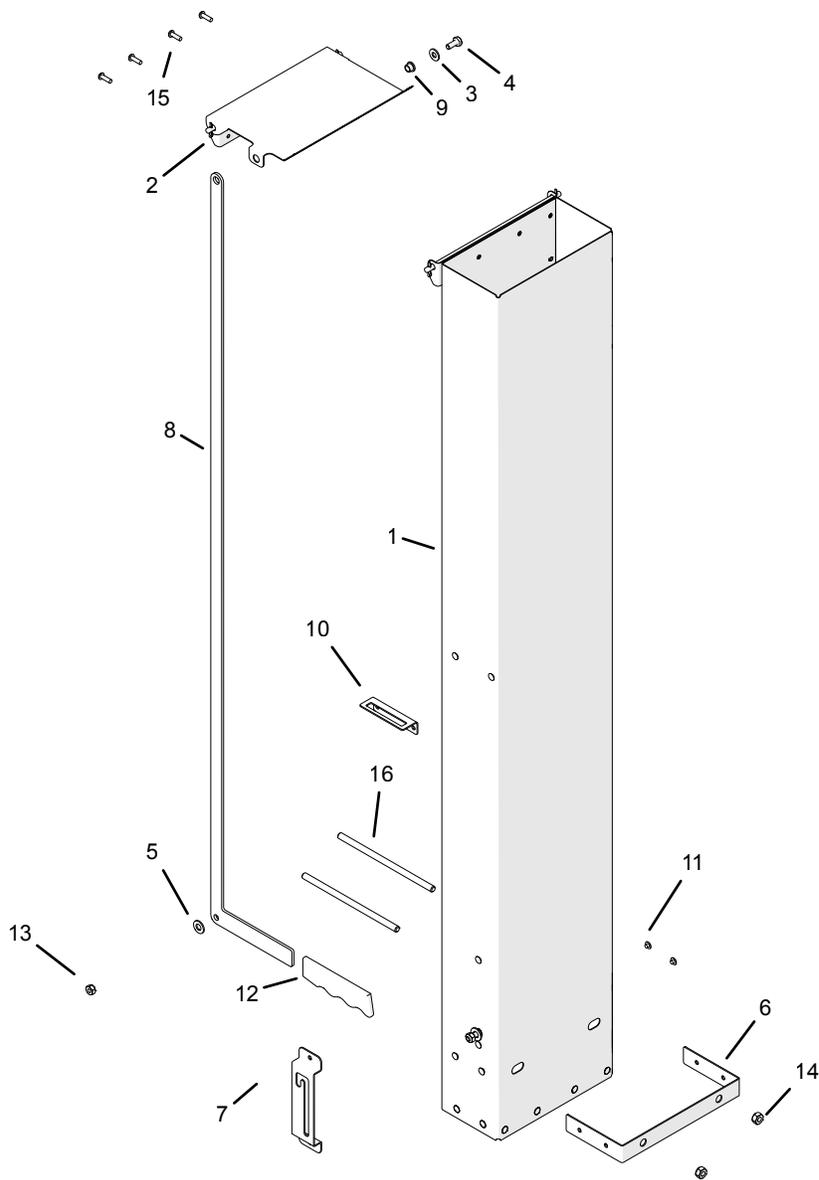
3330331

HEATING SYSTEM



REF	PART NO.	QTY	DESCRIPTION
1	3330028	2	ADAPTER-HOSE, PORTABLE BURNER
2	0120614	2	NUT-HEX, MACH, 10NF, PD
3	2630163	2	HOSE ASM-20 PORTABLE BURNER
4	0120706	2	SCREW-MACH,PNSL,10NFX1.00,PD
5	3330333	2	SHEATH-PORTABLE BURNER HOSE
6	6600318	1	HOSE-KEROSENE, 0.5" XS 1.0" BRAID/PER FOOT

Exhaust Stack Assemblies



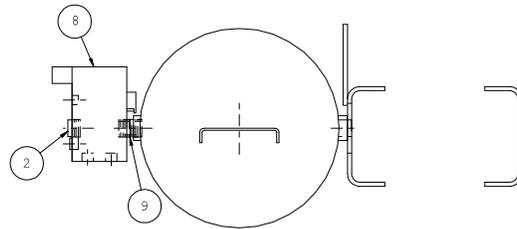
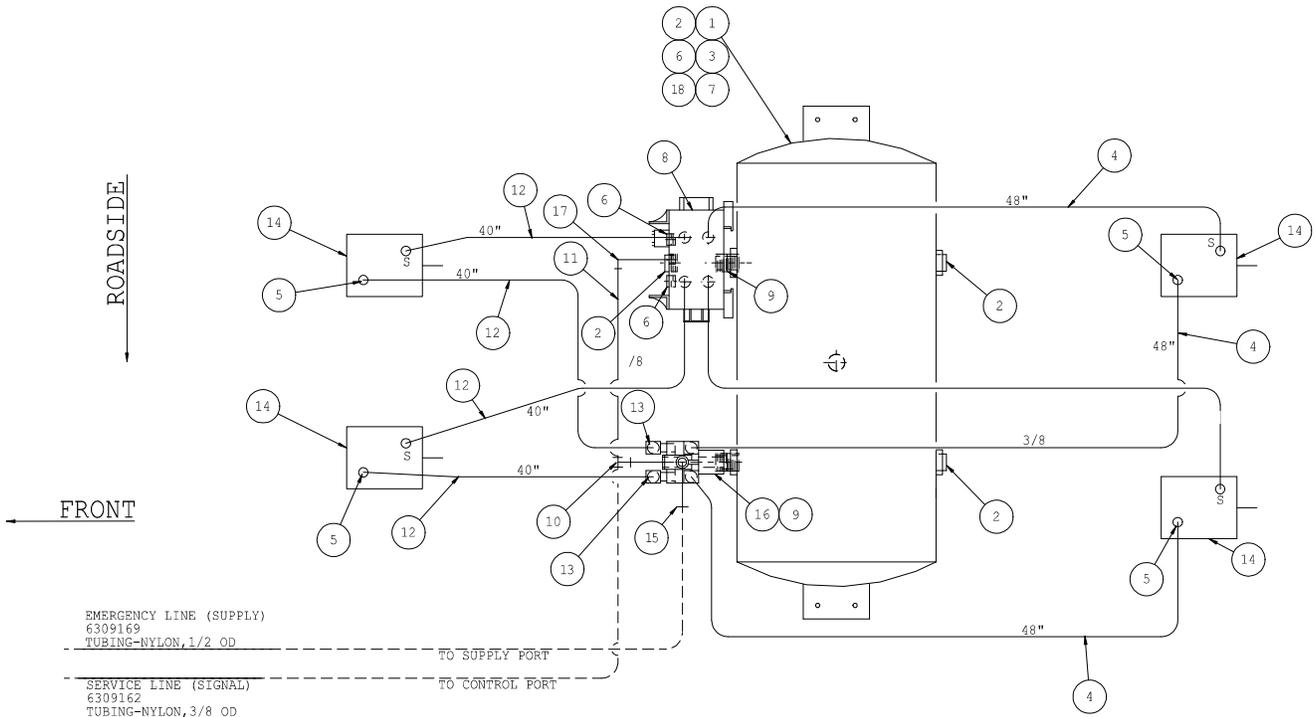
HEATING SYSTEM

REF	PART NO.	QTY	DESCRIPTION
1	3332102	1	CALL WITH S/N
2	3332160	1	LID-ASM, STACK, SS
3	0120386	2	WASHER-FLAT,0.25A(0.31X0.73)PD
4	0180018	2	SCREW-HEX,0.25NCX0.63,GR5,PD
5	0446363	2	WASHER-FLAT,0.31A(0.38X0.88)PD
6	3332094	1	BRACE,FLUE TO STACK
7	3332163	1	BRKT-LEVER LIFT TRACK
8	3332165	1	PLATE-LEVER ARM,AL
9	3332166	1	SPACER-LEVER STACK ASM
10	3332195	1	ANGLE-STACK LEVER SUPPORT
11	6001149	8	RIVET-POP,DOME .19X.063-.125SS
12	6309575	1	GRIP HANDLE-VINYL,BLACK
13	9413946	2	NUT-HEX,LOCK,0.25NC,EA,PD
14	9411638	2	NUT-HEX, LOCK 0.313NC, PD
15	6000989	4	SCREW-MACHINE, RDSL, #10 X 0.625, PD
16	3332039	2	STUD-STACK,B.O.

Air Ride Suspension

9302508

AIR SYSTEM

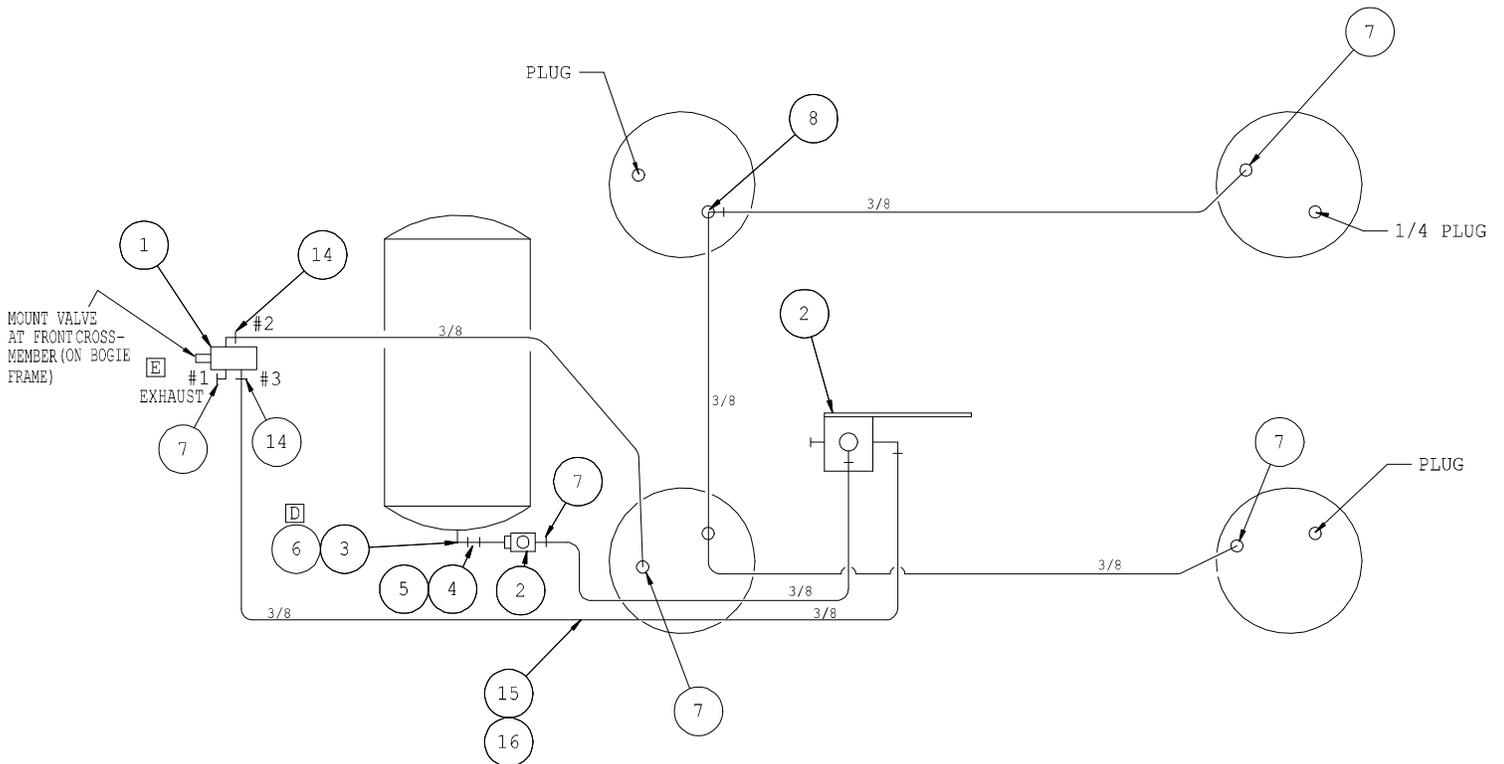


REF	PART NO.	QTY	DESCRIPTION
1	0120233	4	SCREW-HEX, 0.38"NC X 1.0", GR2, PD
2	0273469	3	PLUG-AUTO, SQ SOCK, 0.75"NPTF, PD
3	0274993	4	NUT-HEX, LOCK, 0.38"NC, EA, PD
4	8602380-06	4	HOSE ASM-AIR BRAKE, 0.38" ID X 48"
5	0444494	4	ELBOW-AUTO, 45, 06FP-06MP, BR
6	0444867	4	PLUG-AUTO, HEX SOCK, 0.38"NPTF, PD
7	0446363	8	WASHER-FLAT, 0.31A (0.38" X 0.88"), PD
8	8451270	1	ECU VALVE ASM-2S/SM STANDARD
9	8200630	2	NIPPLE-PP, SCH80, 0.75" CL, PD
10	8200541	1	TEE-ARBK, 06MT-06MT-04MP
11	8309162	5	TUBE-NYLON, AIR, 0.38", GENERIC
12	8602380-05	4	HOSE ASM-AIR BRAKE, 0.38", GENERIC
13	0444042	2	ELBOW-AUTO, 90, ST, 0.38"NPTF, BR, EX

REF	PART NO.	QTY	DESCRIPTION
14	6451159	4	CHAMBER-SPRG BRK 30-30, 11.0" YOKE
15	6600966	1	ELBOW-ARBK, 90, 04MP-08MT
16	6450889	1	VALVE-ARBK EMGY, RESVR, TRAMTEC
17	8600832	1	ELBOW-ARBK, 90, 04MP-06MT
18	8600967	1	TANK-AIR, ONE COMP, 2800 CU. IN.
NOT SHOWN			
--A	0400241	6	HOSE SEPARATOR M-473
--B	8601428	1	VALVE-DRAIN, AUTO W/ CABLE
--C	8450956	2	SENSOR SPRING CLIP
--D	8700169	1	TIE-PLT, 48PC-0, BLACK, EXTRA LG
--E	8451097	2	SENSOR ASM
--F	8451076	1	CABLE-SENSOR, 1.8 M LONG

Air System 9301350

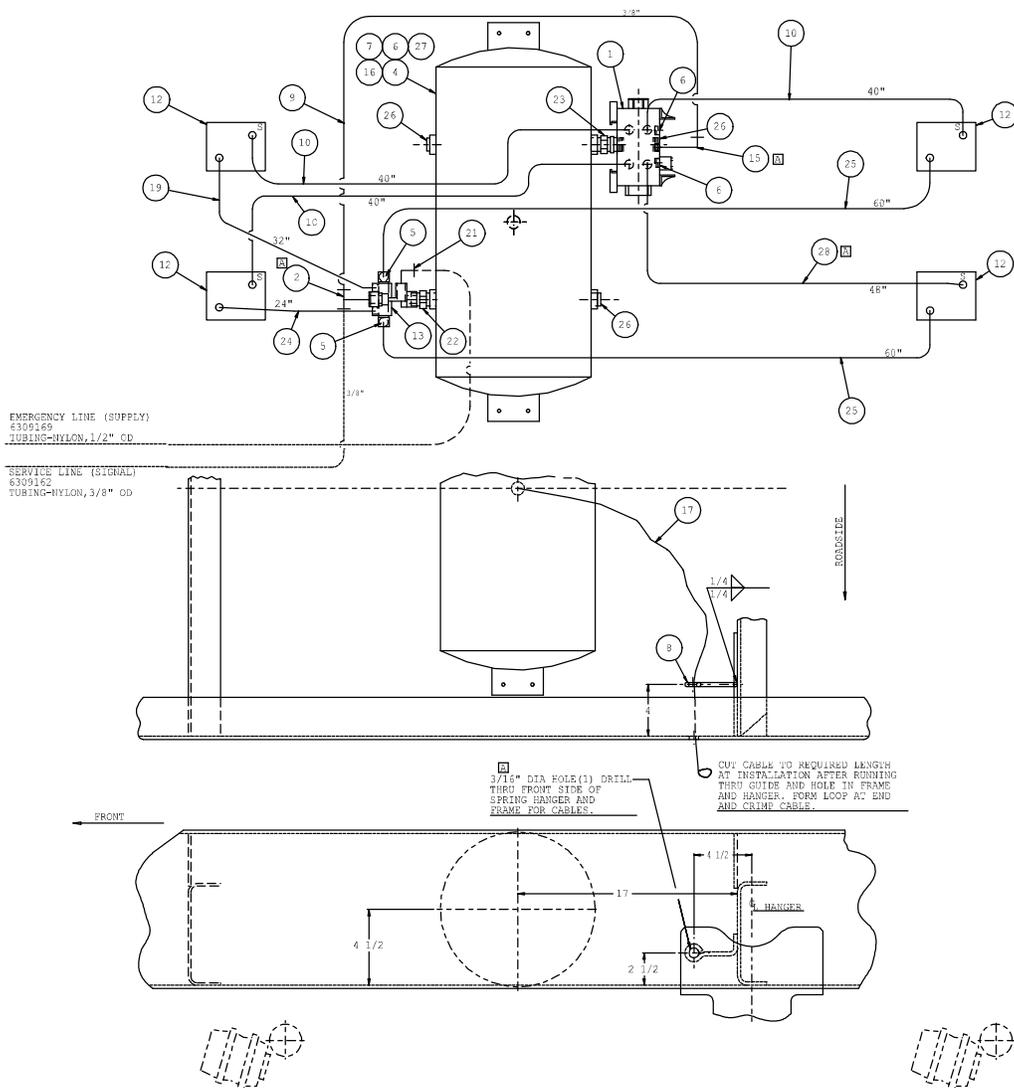
Intrax AA230/AA250



AIR SYSTEM

REF	PART NO.	QTY	DESCRIPTION
1	6450642	1	KIT-DUMP, AIR CONT, AK-147, T RNR
2	6451228	2	AIR CNTRL KIT-HEIGHT AKH-238-3
3	0444042	1	ELBOW-AUTO, 90, ST, 0.38"NPTF, BR, EX
4	0144036	1	BUSHING-PIPE, 0.38" X 0.25"NPT, PD
5	6200292	1	NIPPLE-PP, SCH80, 0.25" X 0.87", CL, PD
6	0444002	1	ADAPTER-AUTO PIPE, 0.38"NPTF,BR
7	6600831	5	ADAPTER-ARBK, ST, 04MP-06MT
8	6600829	2	TEE-ARBK, 06MT-04MP-06MT
14	6600832	2	ELBOW-ARBK, 90, 04MP-06MT
15	6309162	28'	TUBING-NYLON, AIR BRK, 0.38" OD / FT
16	6000499	28'	LOOM-FIBRE, 0.44", WIREMOLD

Air System-Wabco 2200 Sealco, Tdm 9302502 Spring Suspension



NOTE 1:
ABS SENSORS ON AXLES #1 FOR (2200,25/2M) (FRONT AXLE) REFER TO WABCO INSTALLATION GUIDE NO. FOR APPLICATION AND TEST FOR 2 SENSOR/2 MODULATOR SYSTEM(2S/2M). POWER CABLE IS 4 CONDUCTOR AND IS TO PROVIDE CONSTANT POWER (RED WIRE TO TO BUMP(AUX.) CIRCUIT) AND STOPLIGHT POWER PER WABCO ILLUSTRATION.

NOTE 2:
SENSOR CABLES TO BE ROUTED ALONG AXLES AND FASTENED TO AXLES USING (2) ITEM #20 GANGED END FOR END, AS NEEDED FOR PROPER SUPPORT. SENSOR CABLES TO BE ROUTED TO ECU/VALVE ASSY ALONG BRAKE HOSES REMEMBERING THAT PLASTICS TIES SHOULD NOT BE TOO TIGHT (EFT THE EXPANDING HOSES MAY CAUSE COLLAPSE OF THE CABLE COVER).

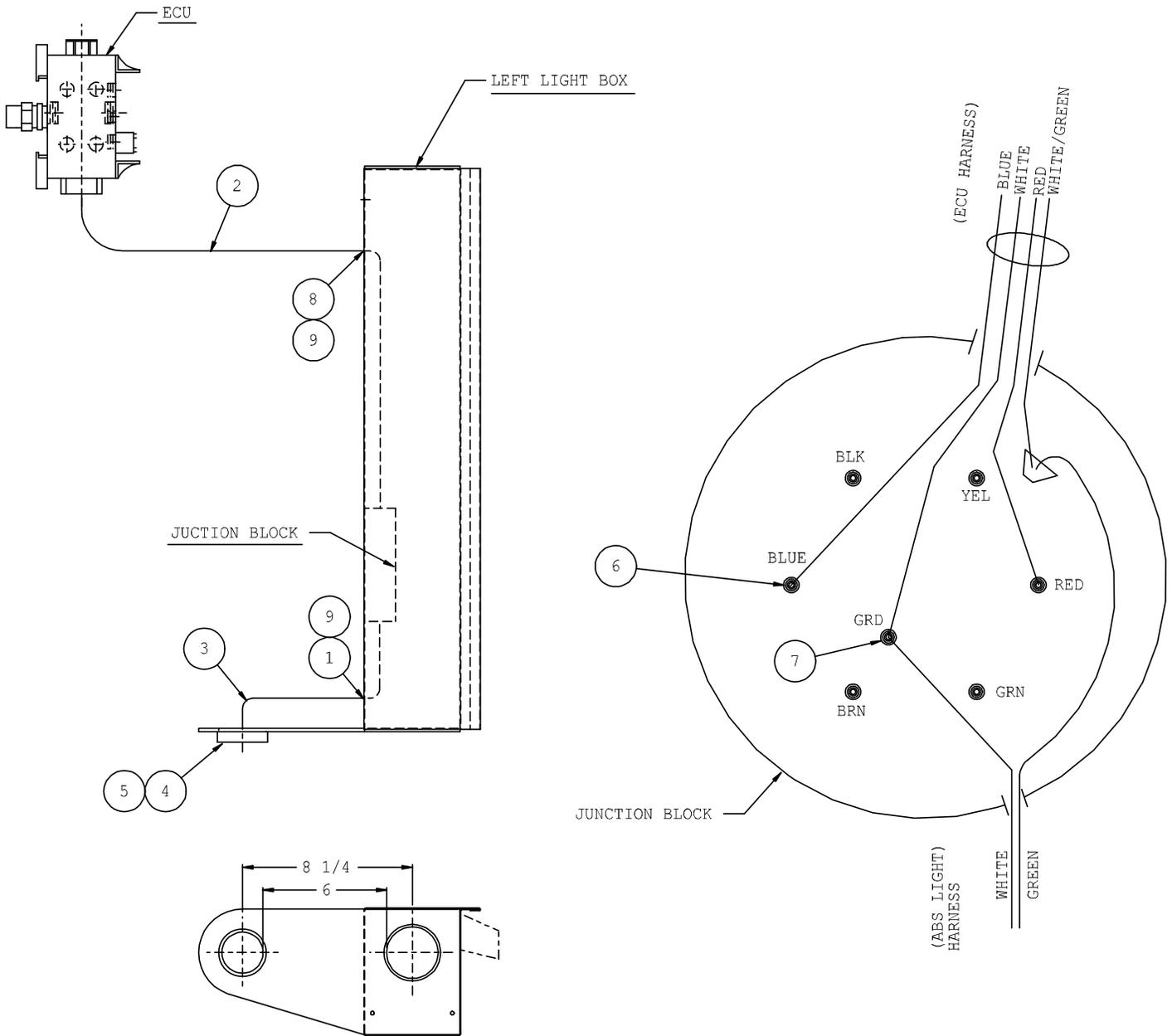
NOTE 3:
CIRCUIT-WABCO W/SAB J560 PER 9302501

AIR SYSTEM

REF	PART NO.	QTY	DESCRIPTION
1	6451270	1	ECU/VALVE ASM-2S/2M STANDARD
2	6602142	1	TEE-ARKB MB, 06MT-06MP-06MT
3	6450956	2	sensor spring clip (NOT SHOWN)
4	0274993	4	NUT-HEX, LOCK, 0.38"NC, EA, PD
5	0444042	2	ELBOW-AUTO, 90, ST, 0.38"NPTF, BR, EX
6	0444867	4	PLUG-AUTO, HEX SOCK, 0.38"NPTF, PD
7	0446363	8	WASHER-FLAT, 0.31A (0.38" X 0.88), PD
8	4010136	1	GUIDE-CABLE, PULL DRAIN VALVE
9	6309162	8	TUBING-NYLON, AIR BRK, 0.38"OD / FT
10	6602380-05	3	HOSE ASM-AIR BRK, 0.38"ID X 40"
11	Q400241	6	hose separator m-473 (NOT SHOWN)
12	6450521	4	CHAMBER-SPRG BRK 30-30, 6.5 YOKE
13	6450802	1	VALVE-SPRG BRK PRIORITY
14	6451097	2	sensor asm (NOT SHOWN)
15	6600832	1	ELBOW-ARBK, 90, 04MP-06MT
16	6600967	1	TANK-AIR, ONE COMP, 2800 CU. IN.
17	6601428	1	VALVE-DRAIN, AUTO W/ CABLE
18	6451076	2	cable-sensor (NOT SHOWN)
19	6602380-03	1	HOSE ASM-ARBK, 0.38"ID X 32"
20	6700169	30	tie-ple-4scp-0, black, xtra lg (NOT SHOWN)
21	6600942	1	ELBOW-ARBK, 90, 06MP-08MT
22	Q016074	1	FITTING-HYD, 0.75" TO 0.50"
23	Q012833	1	HEX NIPPLE FTG PER 0.75" TO 0.75"
24	6602380-01	1	HOSE ASM-ARBK, 0.38"ID X 24"
25	6602380-09	2	HOSE ASM-ARBK, 0.38"ID X 60"
26	0273469	3	PLUG-AUTO, SQ SOCK, 0.75"NPTF, PD
27	0122145	4	SCREW-HEX, 0.38"NC X 1.25", GR2, PD
28	6602380-06	1	HOSE ASM-ARBK, 0.38"ID X 48"

Standard ABS Wiring

9302501



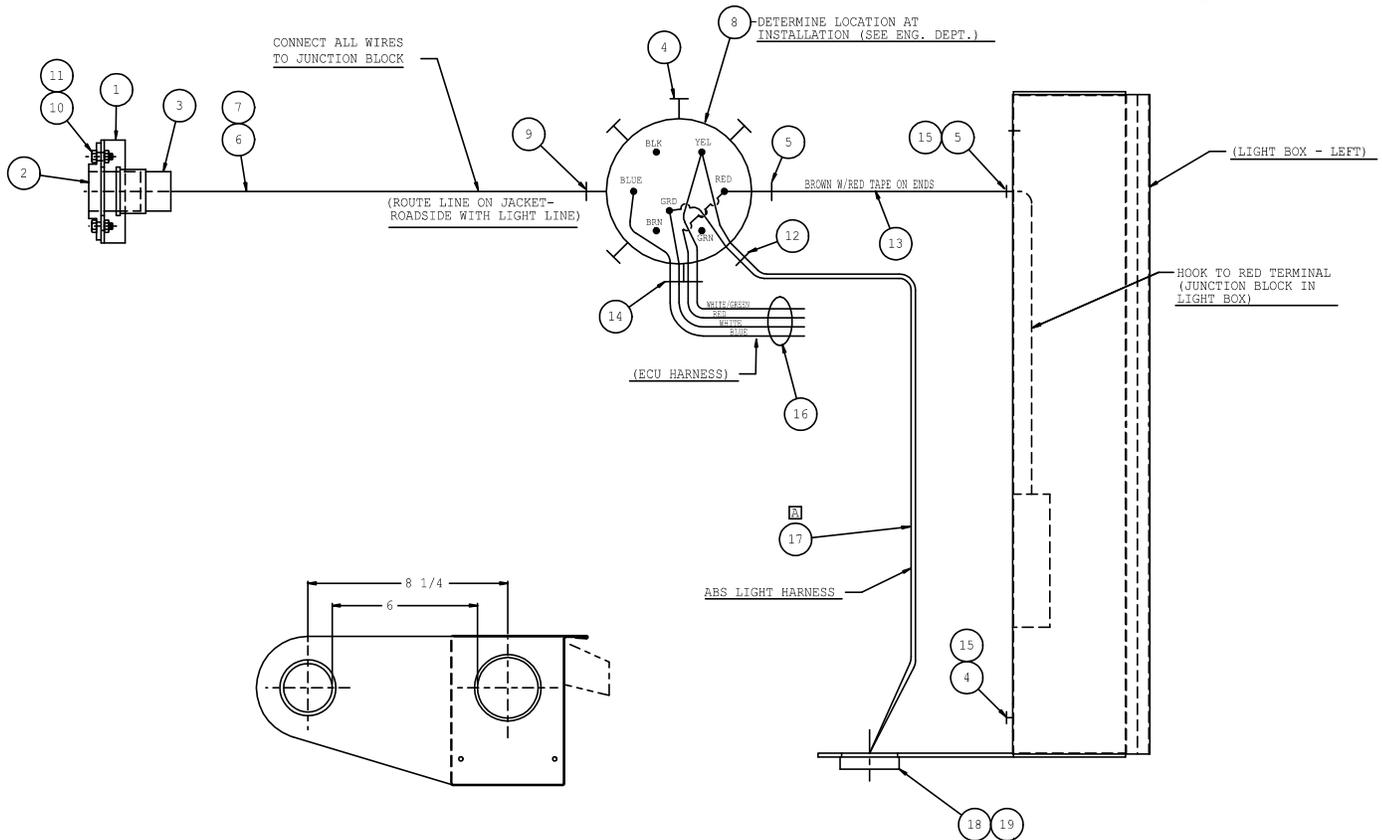
ELECTRICAL

REF	PART NO.	QTY	DESCRIPTION
1	6702111	1	ADAPTER-3 CON FLAT
2	6702983	1	HARNESS-11 METERS
3	6702354	1	JUMPER HARNESS
4	6702505	1	LIGHT MARKER, 2"
5	6702151	1	GROMMET
6	6700238	2	TERMINAL, API
7	6702517	1	TERMINAL-8GA WIRE, 10 STUD
8	Q478480	1	COMPRESSION FITTING, 0.5" ID
9	6702107	2	JAM NUT, COMP. FTG.

ISO 3731 ABS Wiring

9302515

Lights Installation



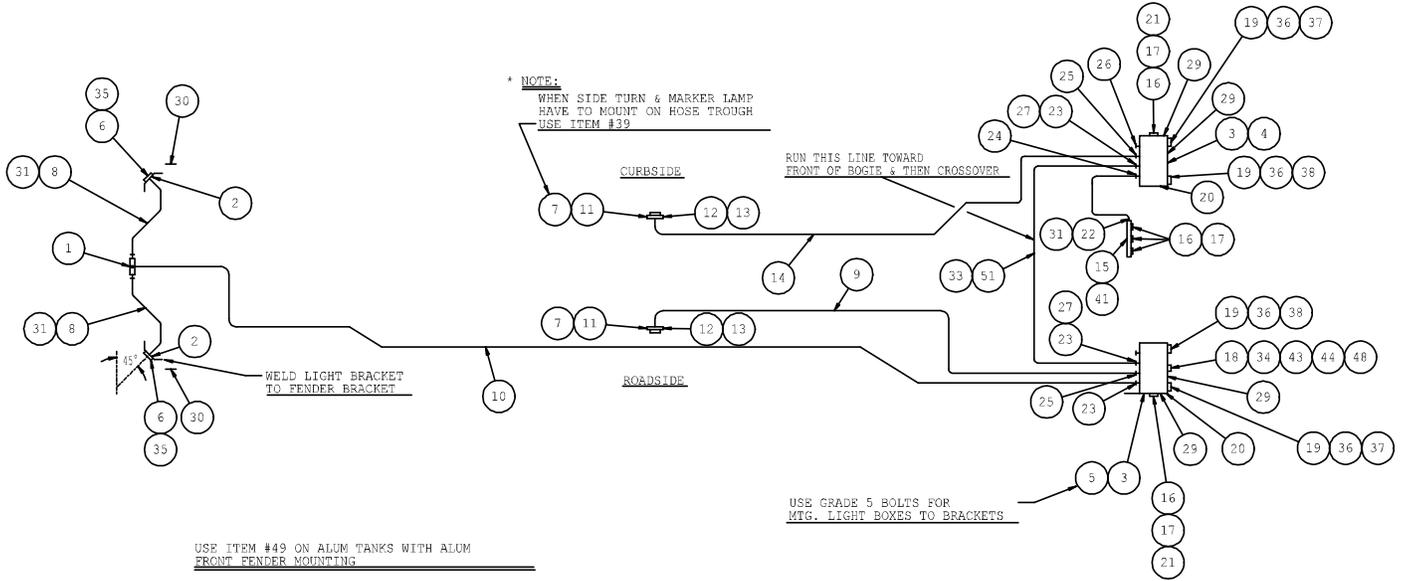
ELECTRICAL

REF	PART NO.	QTY	DESCRIPTION
1	6702458	1	BRACKET-RECEPTACLE MTG
2	6702456	1	RECEPTACLE-ISO 3731
3	6452457	1	BOOT-7 POLE RECEPTACLE
4	6702141	1	PLUG-FILLER
5	6702108	2	ADAPTER-3/8" ID
6	6702504	50	CABLE-7 WAY
7	6000059	50	CLAMP-5/8 RUBBER, TUBE
8	Q478478	1	JUNCTION BOX ASM-CTR MT
9	6702110	1	ADAPTER-0.75" ID
10	9413946	2	NUT-HEX, LOCK, 0.25"NC, PD

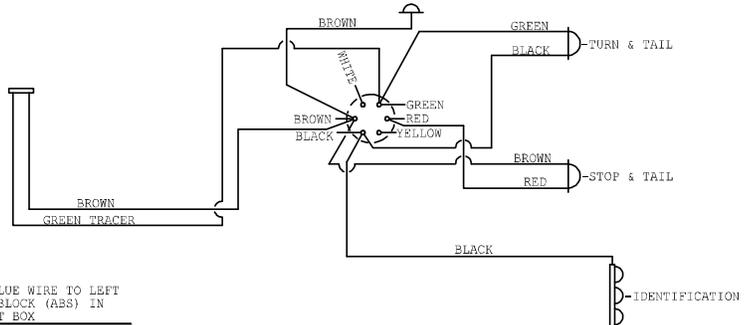
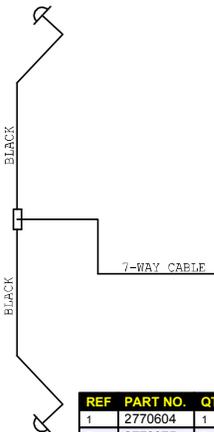
REF	PART NO.	QTY	DESCRIPTION
11	0120706	2	SCREW-HEX, 0.25"NC X 0.5", GR2, PD
12	6702111	1	ADAPTER-3 CONN, FLAT
13	6702123	1	HARNESS-MARKER, 168
14	Q478480	1	FITTING-COMPRESSION, 0.5" ID
15	6702107	2	NUT-JAM, COMPR FITTING
16	6703983	1	HARNESS-11 METERS, ABS, ECU
17	6702507	1	HARNESS-ABS LAMP JUMPER 84"
18	6702505	1	LIGHT-MARKER, 2", ABS, TL
19	6702151	1	GROMMET-MTG

Lights Installation - 4 Lamp ABS

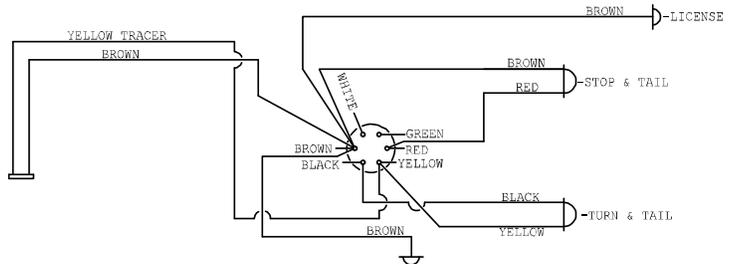
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ELECTRICAL

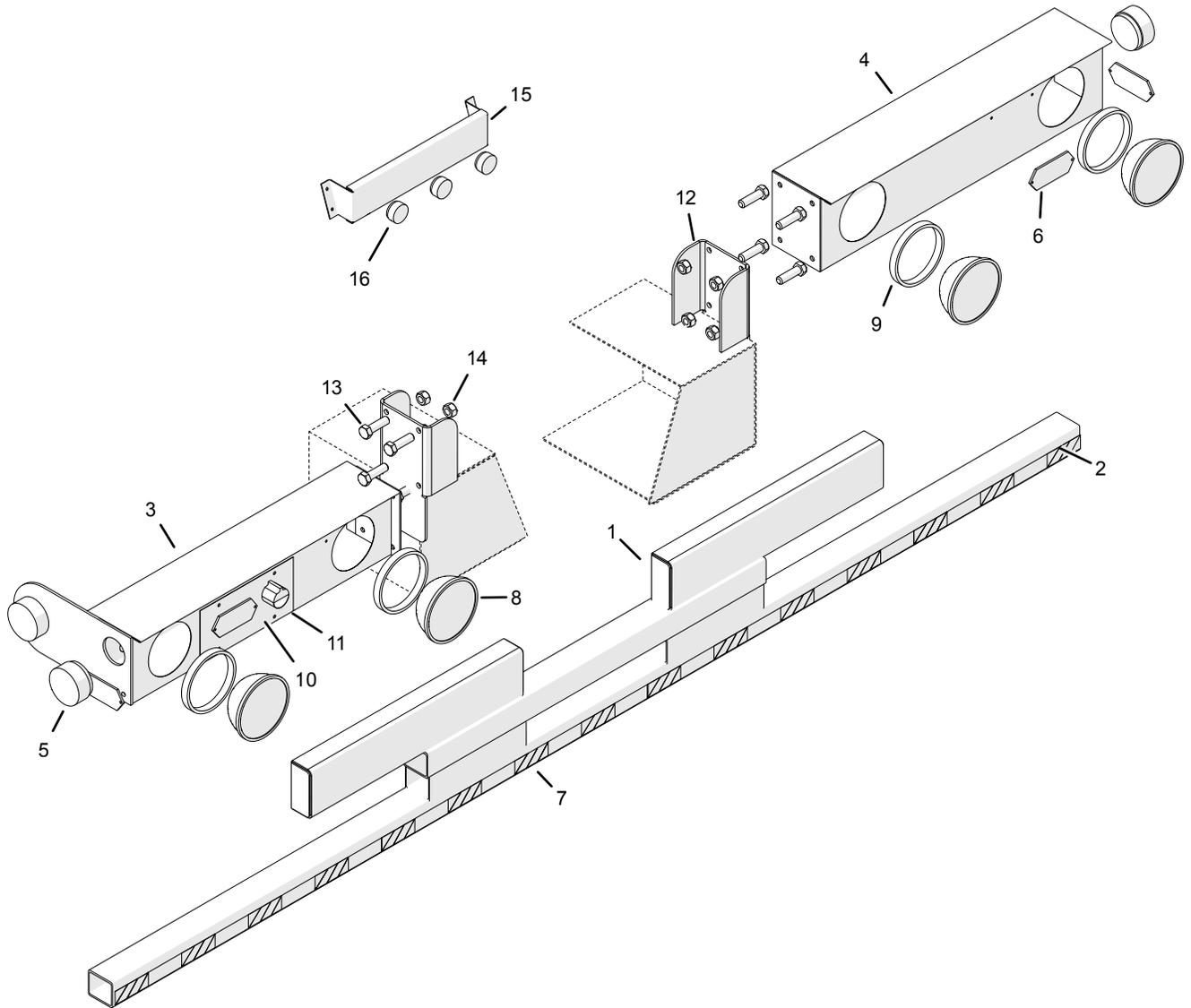


CONNECT BLUE WIRE TO LEFT TERMINAL BLOCK (ABS) IN LEFT LIGHT BOX



REF	PART NO.	QTY	DESCRIPTION
1	2770604	1	CONNECTOR ASM
2	2770075	2	BRACKET-LIGHT, FRT FENDER, STEEL
3	2770074	2	BRACKET MTG, LIGHT BOX
4	2770073	1	BOX-LIGHT, RH, 2 LAMP, SST
5	2770156	1	BOX-LIGHT, LH, 2 LAMP, SST
6	Q478486	2	LAMP-AMBER, SUPER SEAL, 10-2 1/2
7	2770078	1	EXTENSION BRKT, SIDE
8	6702123	2	HARNES-MARKER, 168
9	6702128	1	HARNES-LH, STT 456
10	6702504	50'	CABLE-7 WAY
11	2770077	2	BRKT-SIDE LIGHT
12	6702115	2	LAMP-MID TURN/MKR
13	6702118	2	GROMMET-MID T/M
14	6702127	1	HARNES-RH, STT 456
15	2770147	1	BRKT-LIGHT, W/3 HOLES, FLAT HD
16	Q478487	5	LAMP-RED, SUPER SEAL
17	6702119	5	GROMMET-2.5 LAMP EXT
18	6702116	1	BRACKET-LICENSE LAMP
19	6702112	4	LAMP-SUPER 40
20	6702106	2	BLOCK-TERM, 8 POST
21	6702122	2	HARNES-MARKER, 15
22	6702121	1	HARNES-ID, 288
23	6702110	3	ADAPTER, 0.75" ID
24	6702108	1	ADAPTER, 0.38" ID
25	6702111	2	ADAPTER, 3 CON, FLAT
26	6702141	1	PLUG-FILLER
27	6702107	8	NUT-JAM, COMPRESS, FTG
29	6000685	4	REFLECTOR-RED, RECT
30	6000686	2	REFLECTOR-AMBER, RECT
31	6000055	20	CLA 0.31", RUBBER TUBE
33	6000059	30	CLA 0.62", RUBBER TUBE
34	6702124	1	HARNES-LICENSE
35	Q478485	2	GROMMET-MOUNTING, 10 MDL
36	Q478488	4	GROMMET-MOUNTING, 40 MDL
37	6702125	2	HARNES-S/T 9.75
38	6702126	2	HARNES-S/T 48
41	2770144	1	BRKT-LIGHT, W/3 HOLES, DISHED HD
43	2770071	1	SUPPORT-LICENSE PLATE
44	0443507	2	SCREW-MACH, PNSL, 0.25"NC X 0.5", PD
48	0447839	2	SCREW-TAP, PNSL, 10NF X 0.75", F, PD
51	6700461	10'	CABLE-7 WAY

Bumper Assembly



S U S P E N S I O N

REF	PART NO.	QTY	DESCRIPTION
1	2780675	2	BUMPER-SPLIT ASM
2	2790527	1	TAPE-CONSPICUITY, 2", RED/WH X 90" LONG
3	2770156	1	BOX-LIGHT, LH, 2 LAMP, SST
4	2770073	1	BOX-LIGHT, RH, 2 LAMP, SST
5	Q478487	2	LAMP-RED SUPER SEAL 10-2.5
6	Q478484	4	REFLECTOR-RED, RECT SALTER R1/1
7	Q502482	1	GUARD-REAR IMPACT
8	Q478489	4	LAMP-SUPER 40 TK-LT
9	Q478488	4	GROMMET MOUNTING MDL 40
10	2770071	1	SUPPORT-LICENSE PLATE
11	Q478482	1	MODEL 15 LICENSE LAMP ASM
12	2770074	2	BRACKET MTG., LIGHT BOX
13	0180124	8	SCREW-HEX,0.38NCX1.25,GR5,PD
14	0274993	8	NUT-HEX,LOCK 0.375NC,PD
15	2770100	1	BRACKET-LIGHT,TRIPLE,DISHED HD
16	6702575	3	LIGHT-RED, MARKER, LED, KIT