

# E-Flo UniDrum<sup>TM</sup> Supply System

3A8736B

EN

***Bulk Supply System for 300 Gallon (1200 Liter) Magnadrum or 1000 Liter totes. For professional use only.***

**Not approved for use in explosive atmospheres or hazardous (classified) locations.**

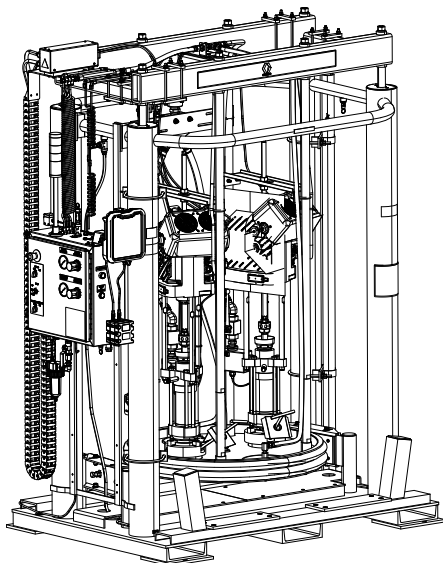
The E-Flo UniDrum Supply System is composed of either one (single) or two (tandem) Supply Units. The E-Flo UniDrum Supply System evacuates 300 gallon (1200 liter) magnadrum, 1000 liter totes, or other tote drums of the same size and capacity. The E-Flo UniDrum Supply System pumps and transfers flowable and highly viscous materials such as sealant, adhesives, and sound deadeners from bulk drums.

See page 3 for model information.

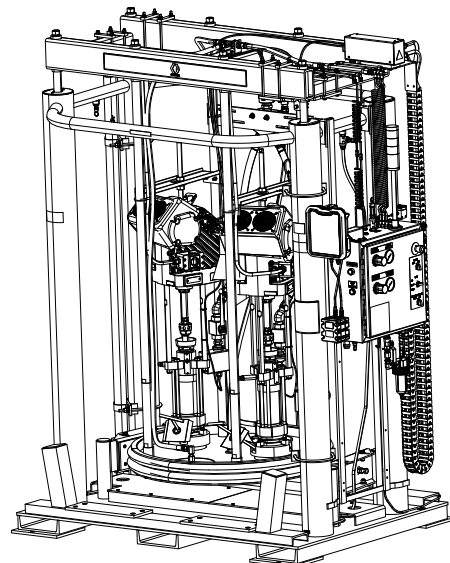


## Important Safety Instructions

Read all warnings and instructions in this manual and in related manuals before using the equipment. Save all instructions.



**E-Flo UniDrum Left Hand Supply Unit**



**E-Flo UniDrum Right Hand Supply Unit**

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# Related Manuals

| Manual in English | Description                                                           |
|-------------------|-----------------------------------------------------------------------|
| 3A8735            | E-Flo UniDrum Supply System Installation-Operation                    |
| 3A6482            | APD20 Advanced Precision Driver Instructions                          |
| 3A6586            | E-Flo SP Electric Pumps for Sealants and Adhesives Installation-Parts |
| 3A6321            | ADM Token In-System Programming Instructions                          |
| 3A1244            | Graco control Architecture Module Programming                         |
| 3A1906            | Light Tower Kit Instructions-Parts                                    |
| 311825            | Dura-Flo <sup>®</sup> Lowers Instructions-Parts                       |
| 311827            | Dura-Flo <sup>™</sup> Lowers Repair-Parts                             |

# Models

The E-Flo UniDrum Supply Units listed below are covered in this manual. For specific pump information, refer to the chart in **Servicing the Pumps** in the E-Flo UniDrum Supply System Installation-Operation manual. See **Related Manuals** on page 2.

## 1000 Liter Units

| Left Side Mounted Enclosure |           |                |         |                              | Right Side Mounted Enclosure |           |                |         |                              |
|-----------------------------|-----------|----------------|---------|------------------------------|------------------------------|-----------|----------------|---------|------------------------------|
| Carbon Steel                |           |                |         |                              |                              |           |                |         |                              |
| Supply Unit Part No.        | Pump Size | Pump Type      | Voltage | Max Fluid Working Pressure   | Supply Unit Part No.         | Pump Size | Pump Type      | Voltage | Max Fluid Working Pressure   |
| 26D395                      | 290cc     | CS/Severe Duty | 230V    | 2800 psi (193 bar, 19.3 MPa) | 26D407                       | 290cc     | CS/Severe Duty | 230V    | 2800 psi (193 bar, 19.3 MPa) |
| 26D396                      | 290cc     | CS/Severe Duty | 400V/ Y | 2800 psi (193 bar, 19.3 MPa) | 26D408                       | 290cc     | CS/Severe Duty | 400V/ Y | 2800 psi (193 bar, 19.3 MPa) |
| 26D397                      | 290cc     | CS/Severe Duty | 480V    | 2800 psi (193 bar, 19.3 MPa) | 26D409                       | 290cc     | CS/Severe Duty | 480V    | 2800 psi (193 bar, 19.3 MPa) |
| 26D392                      | 430cc     | CS/Severe Duty | 230V    | 1900 psi (131 bar, 13.1 MPa) | 26D404                       | 430cc     | CS/Severe Duty | 230V    | 1900 psi (131 bar, 13.1 MPa) |
| 26D393                      | 430cc     | CS/Severe Duty | 400V/ Y | 1900 psi (131 bar, 13.1 MPa) | 26D405                       | 430cc     | CS/Severe Duty | 400V/ Y | 1900 psi (131 bar, 13.1 MPa) |
| 26D394                      | 430cc     | CS/Severe Duty | 480V    | 1900 psi (131 bar, 13.1 MPa) | 26D406                       | 430cc     | CS/Severe Duty | 480V    | 1900 psi (131 bar, 13.1 MPa) |
| 26D398                      | 430cc     | SS/ MaxLife    | 230V    | 1900 psi (131 bar, 13.1 MPa) | 26D410                       | 430cc     | SS/ MaxLife    | 230V    | 1900 psi (131 bar, 13.1 MPa) |
| 26D399                      | 430cc     | SS/ MaxLife    | 400V/ Y | 1900 psi (131 bar, 13.1 MPa) | 26D411                       | 430cc     | SS/ MaxLife    | 400V/ Y | 1900 psi (131 bar, 13.1 MPa) |
| 26D400                      | 430cc     | SS/ MaxLife    | 480V    | 1900 psi (131 bar, 13.1 MPa) | 26D412                       | 430cc     | SS/ MaxLife    | 480V    | 1900 psi (131 bar, 13.1 MPa) |
| Stainless Steel             |           |                |         |                              |                              |           |                |         |                              |
| Supply Unit Part No.        | Pump Size | Pump Type      | Voltage | Max Fluid Working Pressure   | Supply Unit Part No.         | Pump Size | Pump Type      | Voltage | Max Fluid Working Pressure   |
| 26D401                      | 430cc     | SS/ MaxLife    | 230V    | 1900 psi (131 bar, 13.1 MPa) | 26D413                       | 430cc     | SS/ MaxLife    | 230V    | 1900 psi (131 bar, 13.1 MPa) |
| 26D402                      | 430cc     | SS/ MaxLife    | 400V/ Y | 1900 psi (131 bar, 13.1 MPa) | 26D414                       | 430cc     | SS/ MaxLife    | 400V/ Y | 1900 psi (131 bar, 13.1 MPa) |
| 26D403                      | 430cc     | SS/ MaxLife    | 480V    | 1900 psi (131 bar, 13.1 MPa) | 26D415                       | 430cc     | SS/ MaxLife    | 480V    | 1900 psi (131 bar, 13.1 MPa) |

## 300 Gallon Units

| Left Side Mounted Enclosure |           |                |         |                              | Right Side Mounted Enclosure |           |                |         |                              |
|-----------------------------|-----------|----------------|---------|------------------------------|------------------------------|-----------|----------------|---------|------------------------------|
| Carbon Steel                |           |                |         |                              |                              |           |                |         |                              |
| Supply Unit Part No.        | Pump Size | Pump Type      | Voltage | Max Fluid Working Pressure   | Supply Unit Part No.         | Pump Size | Pump Type      | Voltage | Max Fluid Working Pressure   |
| 26D371                      | 290cc     | CS/Severe Duty | 230V    | 2800 psi (193 bar, 19.3 MPa) | 26D383                       | 290cc     | CS/Severe Duty | 230V    | 2800 psi (193 bar, 19.3 MPa) |
| 26D372                      | 290cc     | CS/Severe Duty | 400V/ Y | 2800 psi (193 bar, 19.3 MPa) | 26D384                       | 290cc     | CS/Severe Duty | 400V/ Y | 2800 psi (193 bar, 19.3 MPa) |
| 26D373                      | 290cc     | CS/Severe Duty | 480V    | 2800 psi (193 bar, 19.3 MPa) | 26D385                       | 290cc     | CS/Severe Duty | 480V    | 2800 psi (193 bar, 19.3 MPa) |
| 26D368                      | 430cc     | CS/Severe Duty | 230V    | 1900 psi (131 bar, 13.1 MPa) | 26D380                       | 430cc     | CS/Severe Duty | 230V    | 1900 psi (131 bar, 13.1 MPa) |
| 26D369                      | 430cc     | CS/Severe Duty | 400V/ Y | 1900 psi (131 bar, 13.1 MPa) | 26D381                       | 430cc     | CS/Severe Duty | 400V/ Y | 1900 psi (131 bar, 13.1 MPa) |
| 26D370                      | 430cc     | CS/Severe Duty | 480V    | 1900 psi (131 bar, 13.1 MPa) | 26D382                       | 430cc     | CS/Severe Duty | 480V    | 1900 psi (131 bar, 13.1 MPa) |
| 26D374                      | 430cc     | SS/ MaxLife    | 230V    | 1900 psi (131 bar, 13.1 MPa) | 26D386                       | 430cc     | SS/ MaxLife    | 230V    | 1900 psi (131 bar, 13.1 MPa) |
| 26D375                      | 430cc     | SS/ MaxLife    | 400V/ Y | 1900 psi (131 bar, 13.1 MPa) | 26D387                       | 430cc     | SS/ MaxLife    | 400V/ Y | 1900 psi (131 bar, 13.1 MPa) |
| 26D376                      | 430cc     | SS/ MaxLife    | 480V    | 1900 psi (131 bar, 13.1 MPa) | 26D388                       | 430cc     | SS/ MaxLife    | 480V    | 1900 psi (131 bar, 13.1 MPa) |
| Stainless Steel             |           |                |         |                              |                              |           |                |         |                              |
| Supply Unit Part No.        | Pump Size | Pump Type      | Voltage | Max Fluid Working Pressure   | Supply Unit Part No.         | Pump Size | Pump Type      | Voltage | Max Fluid Working Pressure   |
| 26D377                      | 430cc     | SS/ MaxLife    | 230V    | 1900 psi (131 bar, 13.1 MPa) | 26D389                       | 430cc     | SS/ MaxLife    | 230V    | 1900 psi (131 bar, 13.1 MPa) |
| 26D378                      | 430cc     | SS/ MaxLife    | 400V/ Y | 1900 psi (131 bar, 13.1 MPa) | 26D390                       | 430cc     | SS/ MaxLife    | 400V/ Y | 1900 psi (131 bar, 13.1 MPa) |
| 26D379                      | 430cc     | SS/ MaxLife    | 480V    | 1900 psi (131 bar, 13.1 MPa) | 26D391                       | 430cc     | SS/ MaxLife    | 480V    | 1900 psi (131 bar, 13.1 MPa) |

# Warnings

The following warnings are for the setup, use, grounding, maintenance, and repair of this equipment. The exclamation point symbol alerts you to a general warning and the hazard symbols refer to procedure-specific risks. When these symbols appear in the body of this manual or on warning labels, refer back to these Warnings. Product-specific hazard symbols and warnings not covered in this section may appear throughout the body of this manual where applicable.

## DANGER



### SEVERE ELECTRIC SHOCK HAZARD

This equipment can be powered by more than 240 V. Contact with this voltage will cause death or serious injury.

- Turn off and disconnect power at main switch before disconnecting any cables and before servicing equipment.
- This equipment must be grounded. Connect only to grounded power source.
- All electrical wiring must be done by a qualified electrician and comply with all local codes and regulations.

## WARNING



### MOVING PARTS HAZARD

Moving parts can pinch, cut or amputate fingers and other body parts.

- Keep clear of moving parts.
- Keep your hands away from the follower plate and the lip of the drum while the ram is operating.
- Keep your hands away from the ram frame while the ram is operating.
- Do not operate equipment with protective guards or covers removed.
- Equipment can start without warning. Before checking, moving, or servicing equipment, follow the **Pressure Relief Procedure** and disconnect all power sources.

# **WARNING**



## SKIN INJECTION HAZARD

High-pressure fluid from gun, hose leaks, or ruptured components will pierce skin. This may look like just a cut, but it is a serious injury that can result in amputation. **Get immediate surgical treatment.**



- Do not spray without tip guard and trigger guard installed.
- Engage trigger lock when not spraying.
- Do not point gun at anyone or at any part of the body.
- Do not put your hand over the spray tip.
- Do not stop or deflect leaks with your hand, body, glove, or rag.
- Follow the **Pressure Relief Procedure** when you stop spraying and before cleaning, checking, or servicing equipment.
- Tighten all fluid connections before operating the equipment.
- Check hoses and couplings daily. Replace worn or damaged parts immediately.
- Use only Graco approved hoses. Do not remove any spring guard that is used to help protect the hose from rupture caused by kinks or bends near the couplings.



## FIRE AND EXPLOSION HAZARD

Flammable fumes, such as solvent and paint fumes, in **work area** can ignite or explode. Paint or solvent flowing through the equipment can cause static sparking. To help prevent fire and explosion:



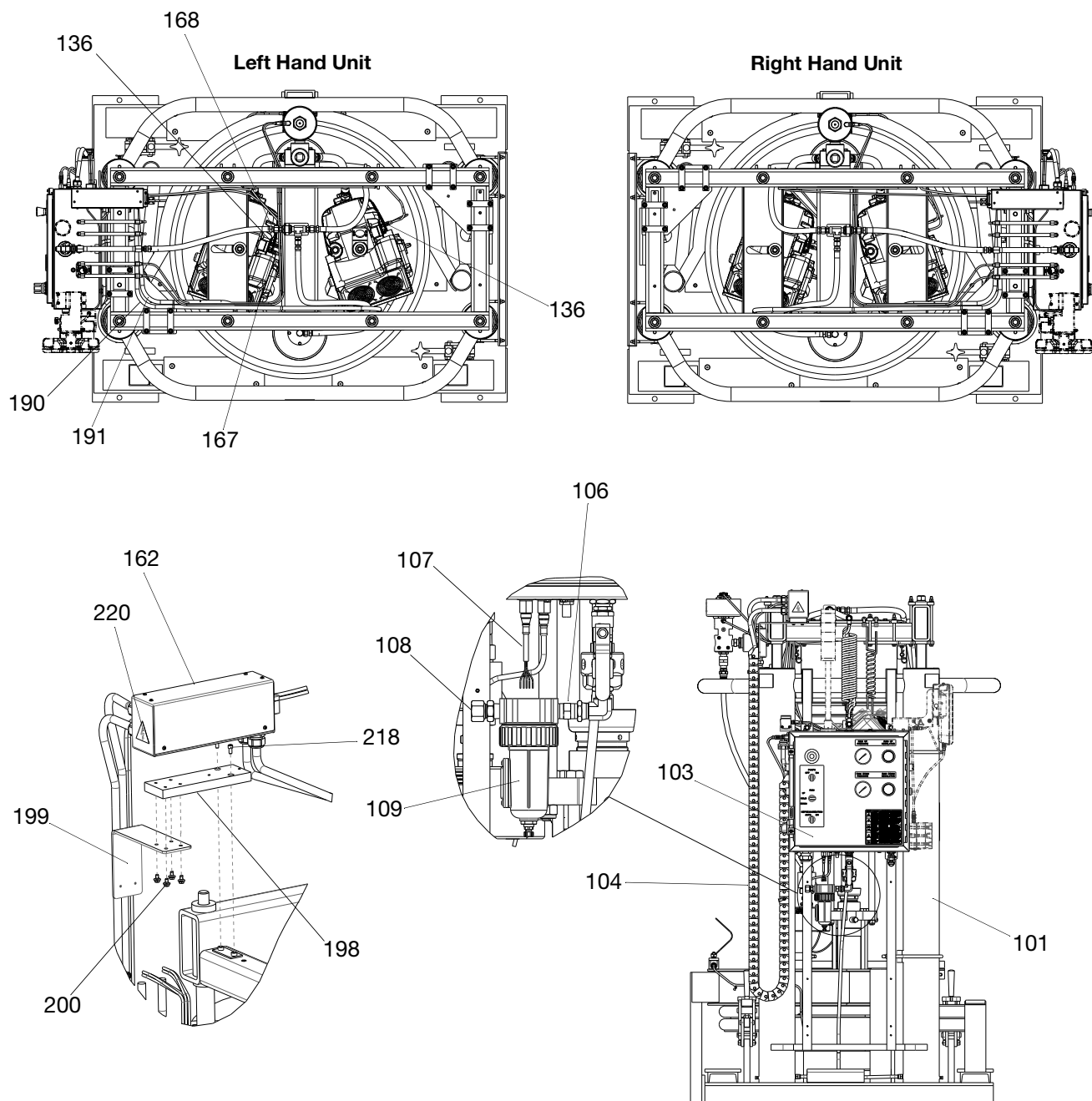
- Use equipment only in well-ventilated area.
- Eliminate all ignition sources, such as pilot lights, cigarettes, portable electric lamps, and plastic drop cloths (potential static sparking).
- Ground all equipment in the work area. See **Grounding** instructions.
- Never spray or flush solvent at high pressure.
- Keep work area free of debris, including solvent, rags and gasoline.
- Do not plug or unplug power cords, or turn power or light switches on or off when flammable fumes are present.
- Use only grounded hoses.
- Hold gun firmly to side of grounded pail when triggering into pail. Do not use pail liners unless they are anti-static or conductive.
- **Stop operation immediately** if static sparking occurs or you feel a shock. Do not use equipment until you identify and correct the problem.
- Keep a working fire extinguisher in the work area.

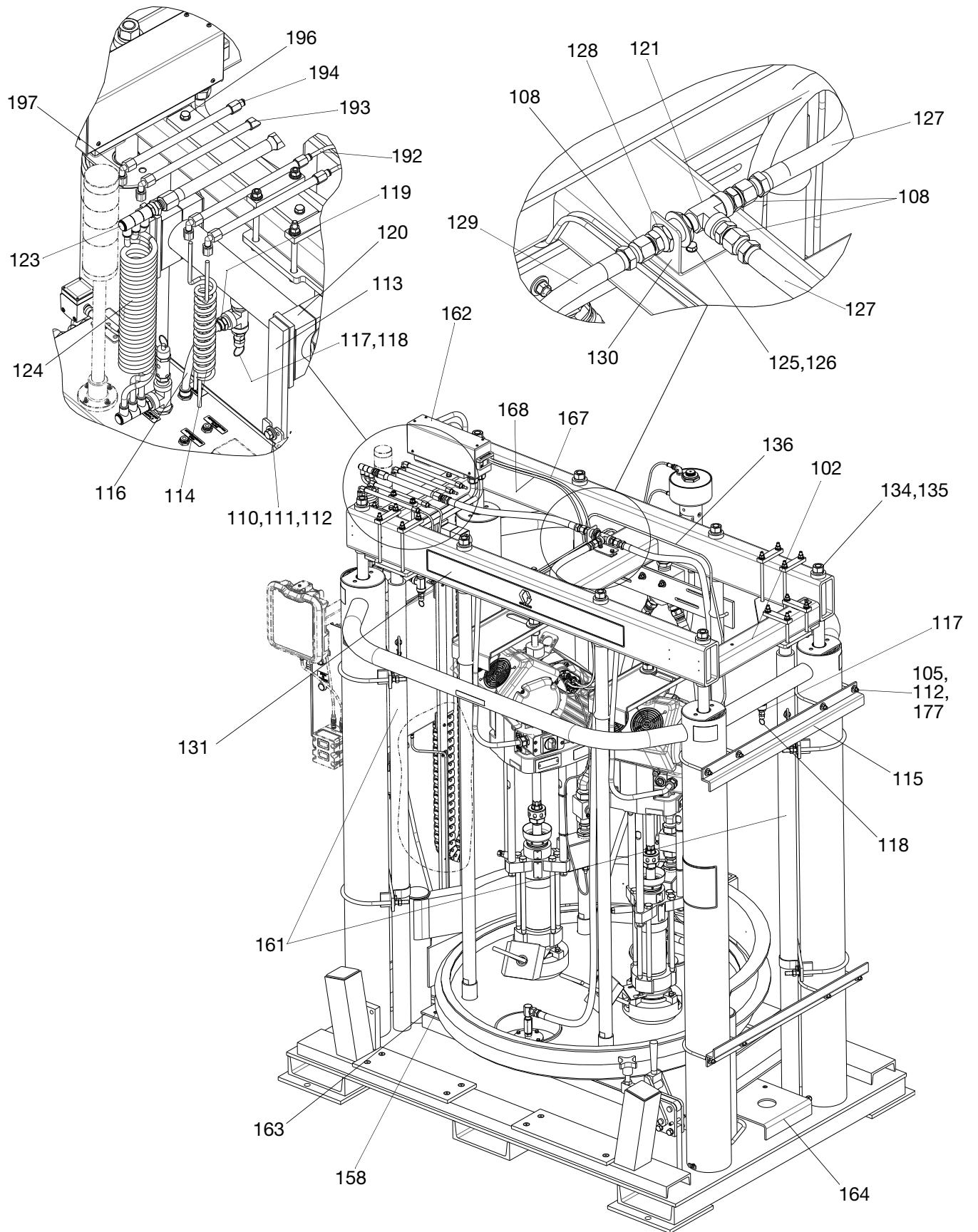
# ! WARNING

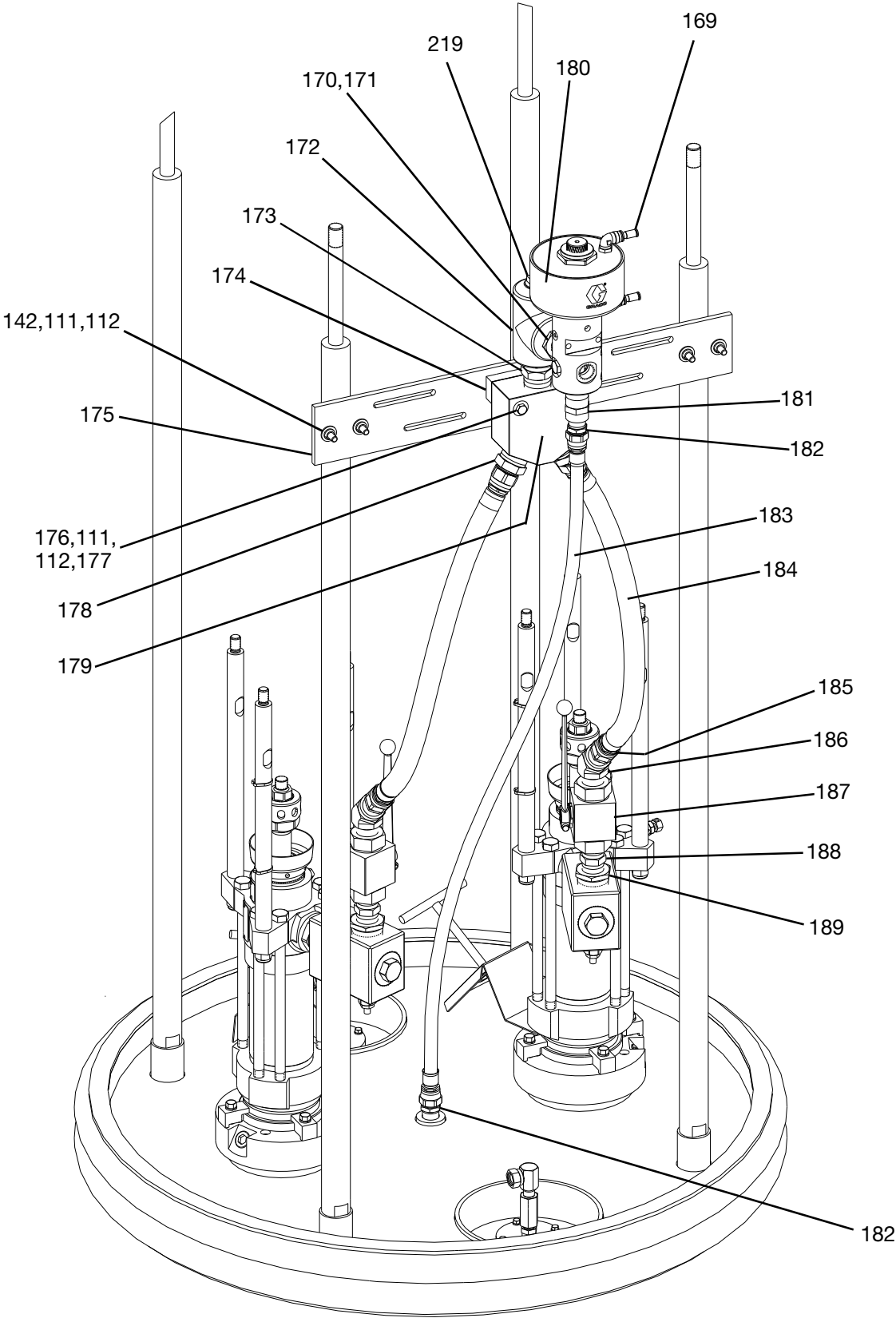
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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <p><b>EQUIPMENT MISUSE HAZARD</b><br/>Misuse can cause death or serious injury.</p> <ul style="list-style-type: none"> <li>• Do not operate the unit when fatigued or under the influence of drugs or alcohol.</li> <li>• Do not exceed the maximum working pressure or temperature rating of the lowest rated system component. See <b>Technical Specifications</b> in all equipment manuals.</li> <li>• Use fluids and solvents that are compatible with equipment wetted parts. See <b>Technical Specifications</b> in all equipment manuals. Read fluid and solvent manufacturer's warnings. For complete information about your material, request Safety Data Sheets (SDSs) from distributor or retailer.</li> <li>• Turn off all equipment and follow the <b>Pressure Relief Procedure</b> when equipment is not in use.</li> <li>• Check equipment daily. Repair or replace worn or damaged parts immediately with genuine manufacturer's replacement parts only.</li> <li>• Do not alter or modify equipment. Alterations or modifications may void agency approvals and create safety hazards.</li> <li>• Make sure all equipment is rated and approved for the environment in which you are using it.</li> <li>• Use equipment only for its intended purpose. Call your distributor for information.</li> <li>• Route hoses and cables away from traffic areas, sharp edges, moving parts, and hot surfaces.</li> <li>• Do not kink or over bend hoses or use hoses to pull equipment.</li> <li>• Keep children and animals away from work area.</li> <li>• Comply with all applicable safety regulations.</li> </ul> |
|                                                                                   | <p><b>SPLATTER HAZARD</b><br/>Hot or toxic fluid can cause serious injury if splashed in the eyes or on skin. During blow off of platen, splatter may occur.</p> <ul style="list-style-type: none"> <li>• Use minimum air pressure when removing platen from drum.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                  | <p><b>BURN HAZARD</b><br/>Equipment surfaces and fluid that is heated can become very hot during operation. To avoid severe burns:</p> <ul style="list-style-type: none"> <li>• Do not touch hot fluid or equipment.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                  | <p><b>TOXIC FLUID OR FUMES HAZARD</b><br/>Toxic fluids or fumes can cause serious injury or death if splashed in the eyes or on skin, inhaled, or swallowed.</p> <ul style="list-style-type: none"> <li>• Read Safety Data Sheets (SDSs) to know the specific hazards of the fluids you are using.</li> <li>• Store hazardous fluid in approved containers, and dispose of it according to applicable guidelines.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                  | <p><b>PERSONAL PROTECTIVE EQUIPMENT</b><br/>Wear appropriate protective equipment when in the work area to help prevent serious injury, including eye injury, hearing loss, inhalation of toxic fumes, and burns. Protective equipment includes but is not limited to:</p> <ul style="list-style-type: none"> <li>• Protective eyewear, and hearing protection.</li> <li>• Respirators, protective clothing, and gloves as recommended by the fluid and solvent manufacturer.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

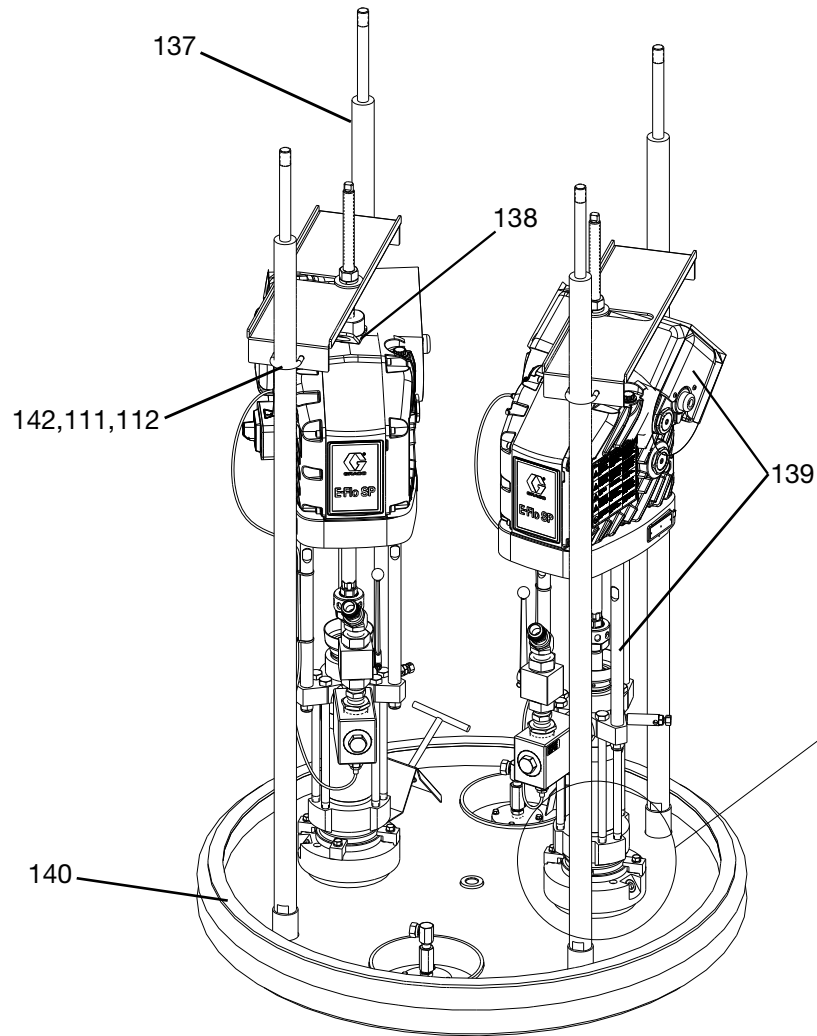
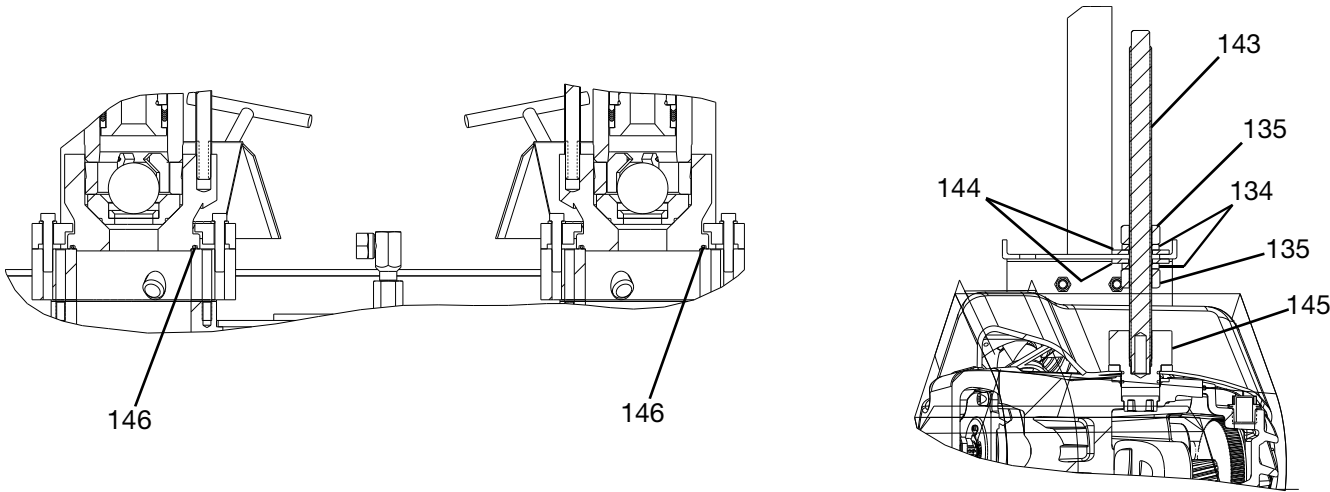
# Parts

## 300 Gallon Supply Unit, 26D368

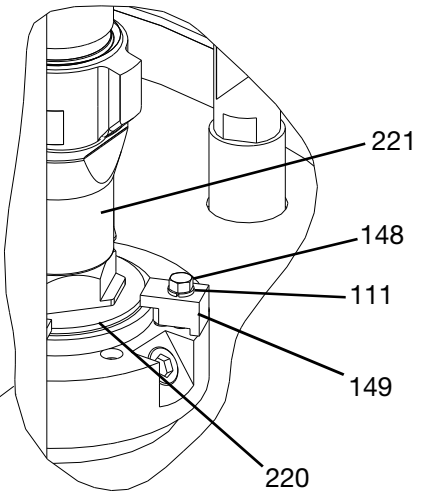


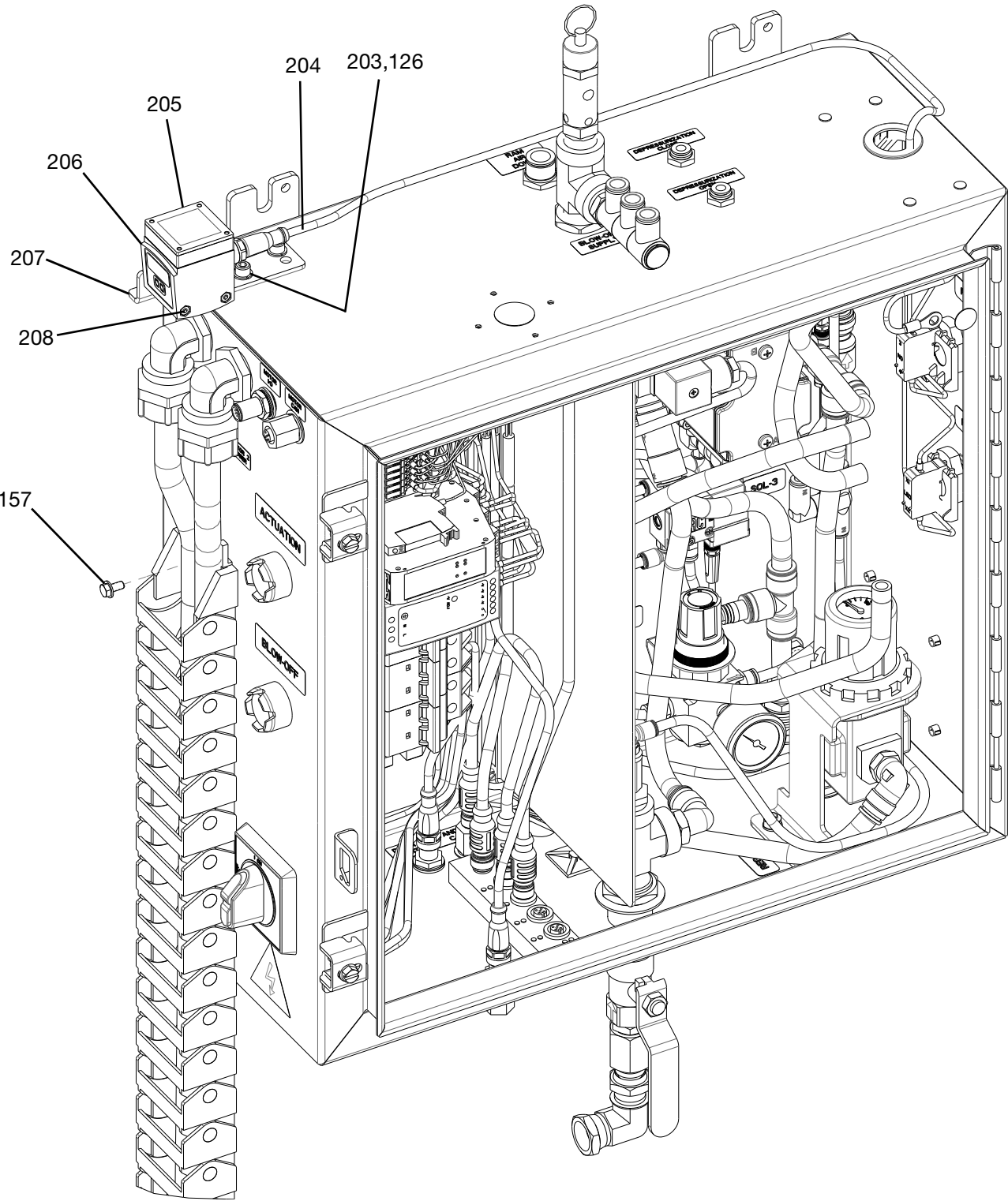






**For 290cc Duraflo**





**300 Gallon Supply Unit, 26D368**

| Ref. | Part     | Description                                         | Qty.   |
|------|----------|-----------------------------------------------------|--------|
| 101  | 241902   | ELEVATOR, assembly 300 gallon                       | 1      |
| 102  | 617204   | CARRIAGE, weldment, 300 gallon                      | 1      |
| 103  | ---      | MODULE, control, UniDrum, electric, 230V, left hand | 1      |
| 104  | ---      | CABLE, track, IGUS, 32 mm, UniDrum, 300 gallon      | 1      |
| 105  | C51238   | BOLT, "U"                                           | 4      |
| 106  | C20485   | FITTING, nipple, hex                                | 1      |
| 107  | 120997   | CABLE, TURCK, RS 4T-4                               | 1      |
| 108  | C19019   | FITTING, union swivel                               | 4      |
| 109  | 106149   | FILTER, air, 1/2 NPT                                | 1      |
| 110  | C19124   | SCREW, cap, hex head                                | 4      |
| 111  | 100133   | WASHER, lock, 3/8                                   | 20     |
| 112  | C19200   | WASHER, plain                                       | 28     |
| 113  | ---      | SUPPORT, enclosure, 300 gallon, UniDrum, electric   | 1      |
| 114  | 517288   | TUBE, coiled                                        | 1      |
| 115  | 241844   | BRACKET, mounting                                   | 2      |
| 116  | 054139   | TUBE, nylon, rd                                     | 0.5 ft |
| 117  | 100206   | BUSHING, pipe                                       | 2      |
| 118  | 116643   | VALVE, safety, relief, air                          | 2      |
| 119  | 125411   | FITTING, connector, male, 1/2 NPTF                  | 1      |
| 120  | 517272   | CLAMP, support                                      | 2      |
| 121  | 108126   | FITTING, tee, street                                | 2      |
| 122  | 125465   | FITTING, swivel, straight, 1/2 NPT                  | 2      |
| 123  | ---      | MANIFOLD, 1/2 NPT, 3 port, 3/8 PTC, swivel          | 1      |
| 124  | ---      | TUBE, coiled, .375 OD, 3X, 15 turns                 | 1      |
| 125  | 100333   | SCREW, cap, hex head                                | 2      |
| 126  | 100016   | WASHER, lock                                        | 2      |
| 127  | ---      | HOSE, coupled, 84 in.                               | 2      |
| 128  | 512905   | FITTING, bulkhead                                   | 1      |
| 129  | 218093   | HOSE, coupled                                       | 1      |
| 130  | ---      | BRACKET, bulkhead, UniDrum, electric                | 1      |
| 131  | ---      | LABEL, cross bar                                    | 2      |
| 134  | 101533   | WASHER, spring lock                                 | 12     |
| 135  | 101535   | NUT, full hex                                       | 12     |
| 136  | 121003   | CABLE, can, female/female 3.0 M                     | 1      |
| 137  | 617180   | ROD, connecting                                     | 4      |
| 138  | 15J993   | RING, lift, plate                                   | 2      |
| 139  | ED430CS1 | PUMP, ESP, DF430CS, 240V, NO ADM                    | 2      |
| 140  | ---      | PLATE, RAM, CST, 300 gallon                         | 1      |

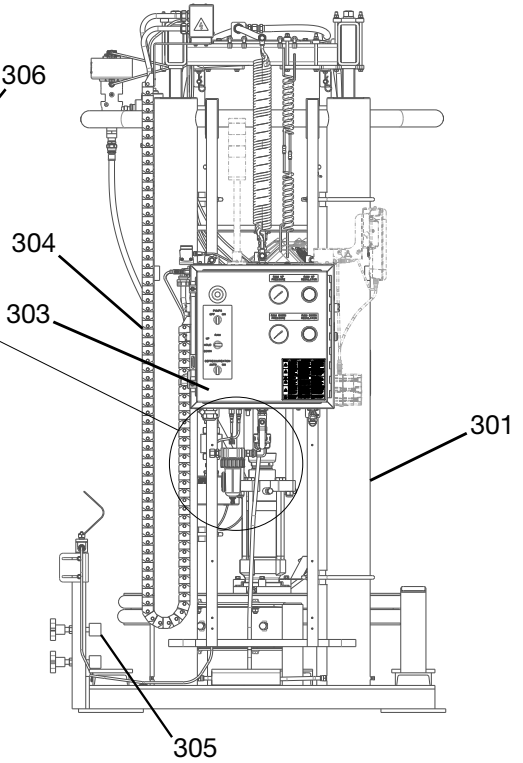
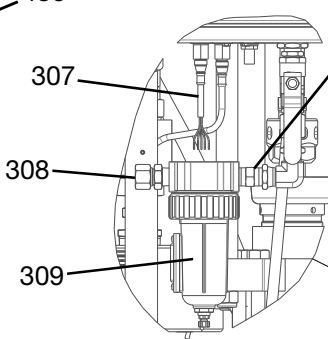
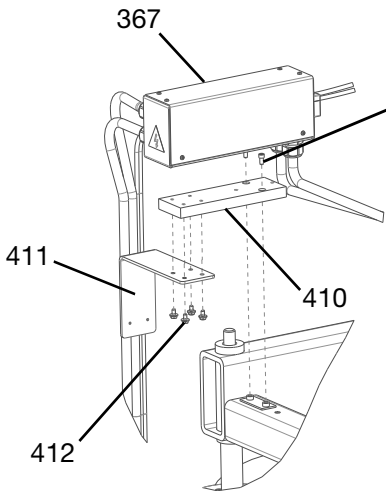
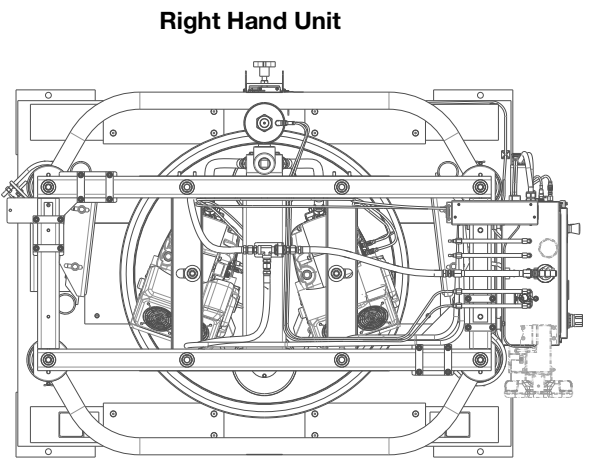
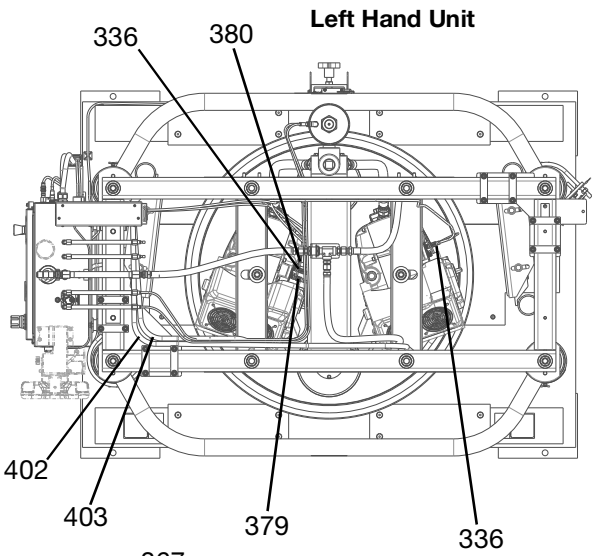
| Ref. | Part       | Description                                | Qty. |
|------|------------|--------------------------------------------|------|
| 141  | ---        | SUPPORT, APD20, UniDrum, 300 gallon        | 2    |
| 142  | C20450     | BOLT, U                                    | 6    |
| 143  | 15J992     | ROD, threaded                              | 2    |
| 144  | C38182     | WASHER, plain                              | 4    |
| 145  | 15J991     | ADAPTER, lift ring                         | 2    |
| 146  | 109495     | PACKING, o-ring                            | 2    |
| 147  | 111803     | SCREW, cap, hex head                       | 4    |
| 148  | 196073     | CLAMP                                      | 4    |
| 149  | ---        | KIT, switch, LMT, 4 pin, oil tight         | 1    |
| 150  | 124415     | CABLE, 5 pin, MF, 3.0M, molded             | 1    |
| 151  | 84/0805/89 | CABLE, tie mount, 1 x 1 SQW/adhesive       | 1    |
| 152  | 121728     | CABLE, can, male-female, 4.0M              | 1    |
| 153  | ---        | CABLE, M12, 8 pin, MF, 5M, molded          | 1    |
| 156  | ---        | GRIP, cord, elbow, .63-.75, 3/4 NPT        | 2    |
| 157  | 128670     | BOLT, flange head, serrated, M5, SST       | 4    |
| 158  | C20811     | SCREW, socket head, flat                   | 12   |
| 161  | ---        | SUPPORT, safety, lock out, UniDrum         | 1    |
| 162  | ---        | JUNCTION BOX, UniDrum, electric, left hand | 1    |
| 163  | 196085     | COVER, left, UniDrum                       | 1    |
| 164  | 196084     | COVER, right, UniDrum                      | 1    |
| 167  | 122487     | CABLE, can, male-female, 1.5M              | 1    |
| 168  | ---        | CABLE, M12, 8 pin, MF, 2M, molded          | 1    |
| 169  | 617569     | FITTING, reducer, plug                     | 2    |
| 170  | C19661     | BUSHING, reducing                          | 1    |
| 171  | C20487     | FITTING, nipple, hex                       | 1    |
| 172  | C19491     | FITTING, tee, 1-1/4 NPT(F)                 | 1    |
| 173  | C20490     | FITTING, nipple, hex                       | 1    |
| 174  | ---        | PLATE, stand-off, manifold, 3 way          | 1    |
| 175  | 617203     | BAR, support, UniDrum                      | 1    |
| 176  | ---        | SCREW, HHC, 3/8-16 x 4.50, MS, GR5         | 2    |
| 177  | 100307     | NUT, hex                                   | 10   |
| 178  | 124968     | FITTING, ADPT, JIC16 x 1.25 NPT, MM, 3K    | 2    |
| 179  | 15D140     | MANIFOLD, 3 way, high pressure             | 1    |
| 180  | V1M350     | APPLICATOR, ball seat, 3/4 in.             | 1    |
| 181  | 16P292     | COUPLING, pipe, 3/4 NPT, FXF, CS, zinc     | 1    |

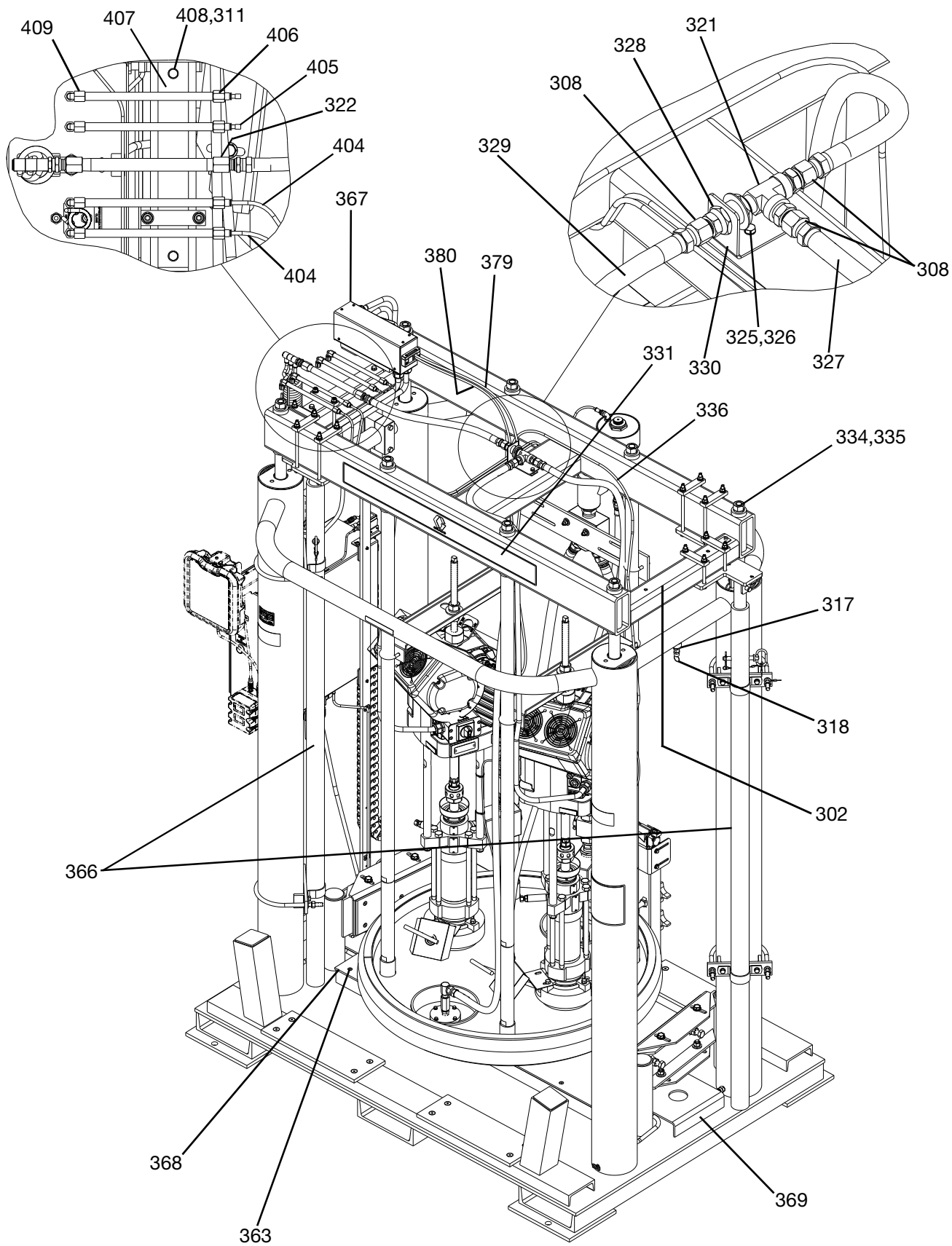
Parts

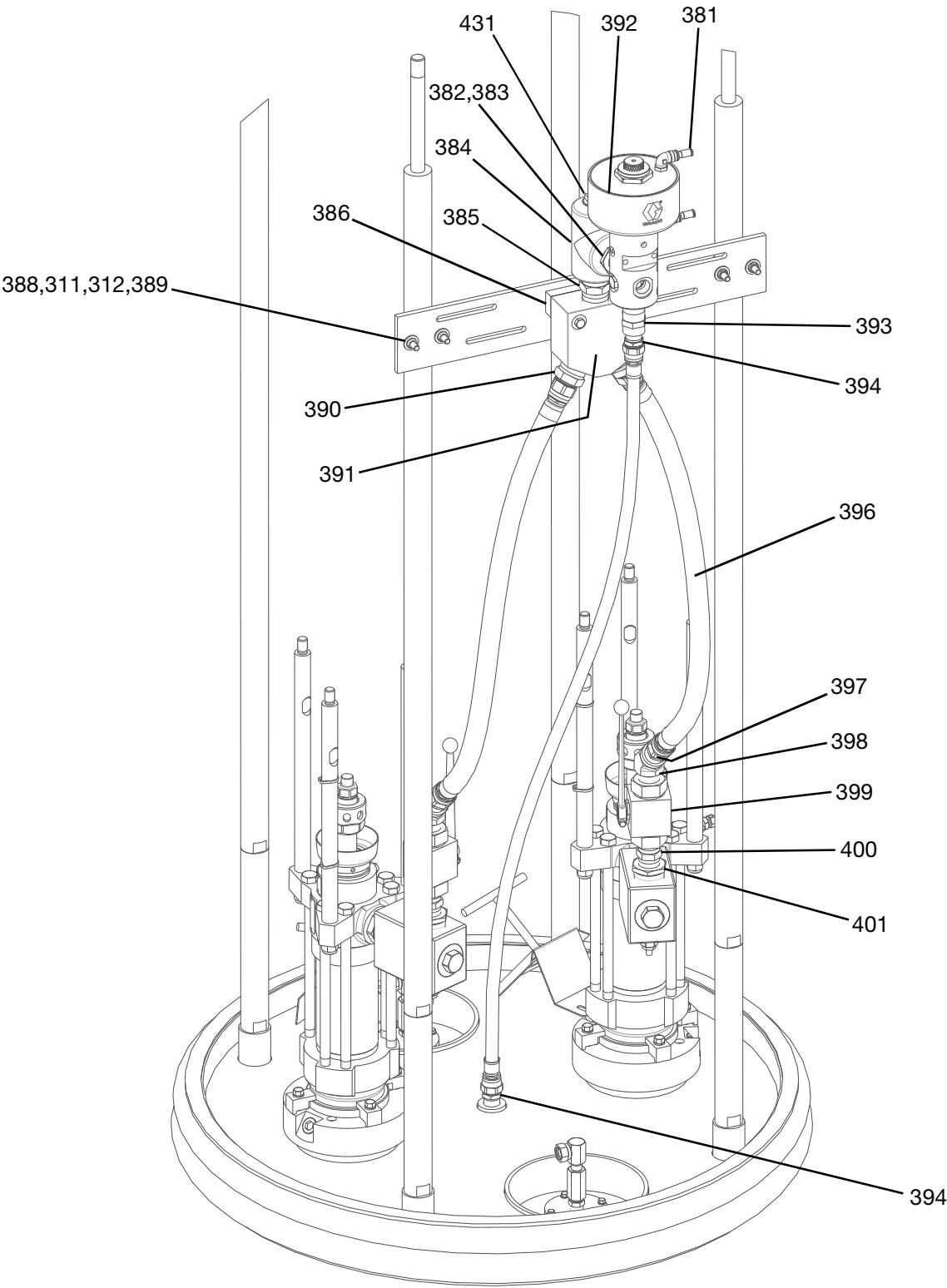
| Ref. | Part   | Description                               | Qty. |
|------|--------|-------------------------------------------|------|
| 182  | 124406 | FITTING, adapter, 3/4 NPT x 12 JIC, MS    | 2    |
| 183  | 16C542 | HOSE, assembly, SS BRD, 3/4 x 72, SS      | 1    |
| 184  | 16D289 | HOSE, assembly, SS BRD, 1 x 36, SS        | 2    |
| 185  | 123854 | FITTING, adapter, JIC 16 x 1 NPT, MM, MS, | 2    |
| 186  | 123888 | FITTING, elbow, 45, 1 NPT, MF, CS, 4.2K   | 2    |
| 187  | 521477 | VALVE, ball, 1 in.                        | 2    |
| 188  | C20489 | FITTING, nipple                           | 2    |
| 189  | C19668 | FITTING, bushing, reducing                | 2    |
| 190  | ---    | HARNESS, UNI, 300G, power, MTR1, JB, MTR  | 1    |
| 191  | ---    | HARNESS, UNI, 300G, power, MTR2, JB, MTR  | 1    |
| 192  | 125473 | TUBE, pneumatic, polyurethane             | 10   |
| 193  | 125424 | FITTING, plug, tube, push, 1/4            | 2    |
| 194  | 114112 | FITTING, connector, female                | 4    |
| 195  | ---    | MANIFOLD, air, UniDrum, electric          | 1    |
| 196  | 100469 | SCREW, cap, hex head                      | 4    |
| 197  | 113532 | FITTING, elbow, female                    | 4    |
| 198  | ---    | PLATE, MTG, junction, UniDrum, electric   | 1    |
| 199  | ---    | BRACKET, track, cable, UniDrum            | 1    |
| 200  | 127047 | SCREW, mach, hex, flange, M6 x 1 x 10 mm  | 4    |
| 201  | 112248 | NUT, hex                                  | 2    |
| 202  | 120993 | NUT, hex, M5, with tooth washer           | 2    |
| 203  | 121112 | SCREW, cap, socket head                   | 2    |
| 204  | ---    | HARNESS, UniDrum, M12, 5P, laser          | 1    |
| 205  | ---    | COVER, protective, laser, IFM             | 1    |
| 206  | ---    | SENSOR, optical, .3-6M, 24VDC             | 1    |
| 207  | ---    | BRACKET, laser, UniDrum, electric         | 1    |
| 208  | ---    | SCREW, SHC, M4-0.7 x 45, SS               | 2    |
| 209  | ---    | KNOB, disconnect, panel, black            | 1    |
| 218  | 101550 | SCREW, cap, SCH                           | 2    |
| 219  | ---    | CAP, plug, 1-1/4 NPT, plastic             | 1    |
| 220▲ | 196548 | LABEL, caution                            | 1    |

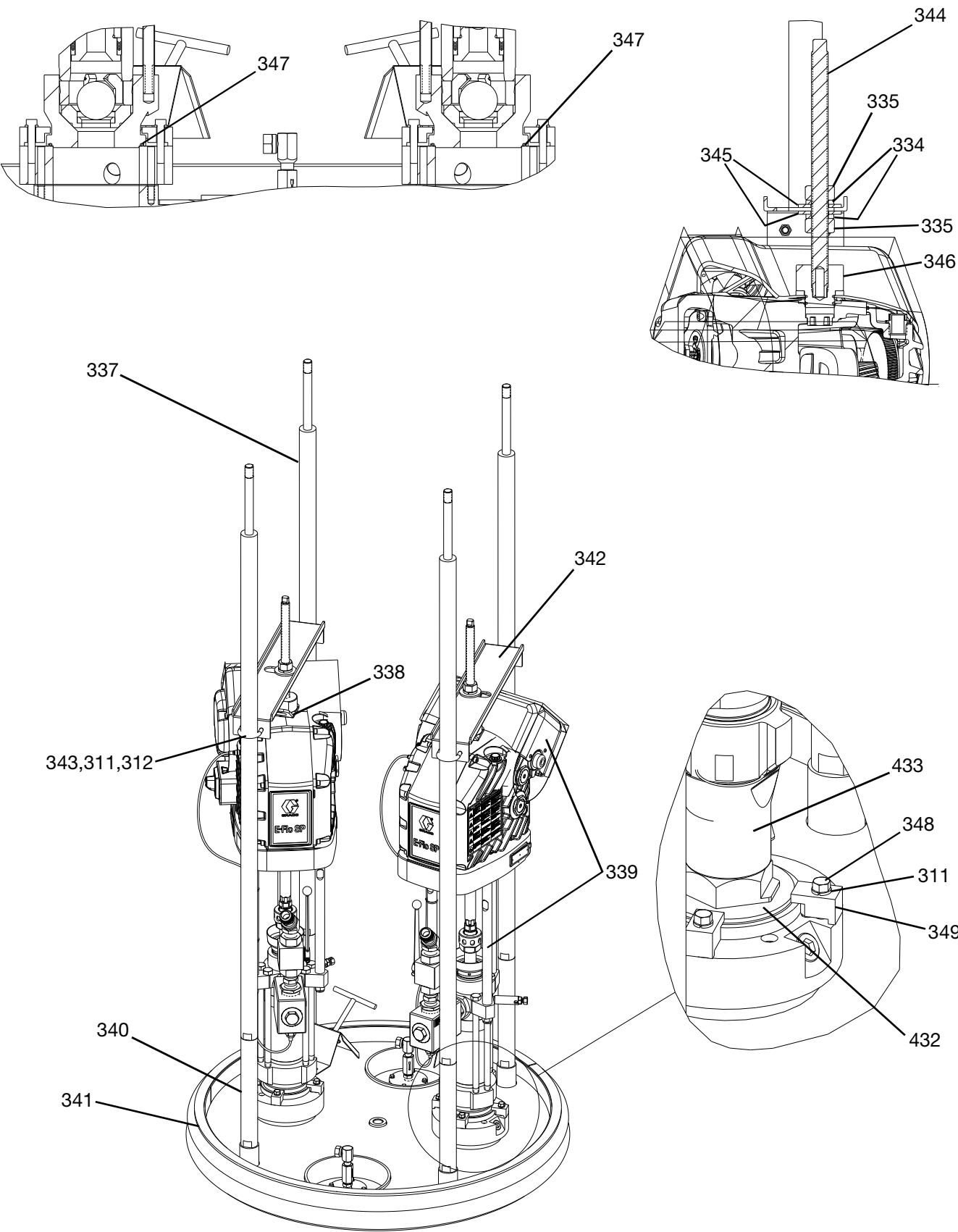
▲ Replacement safety labels, tags, and cards are available at no cost.

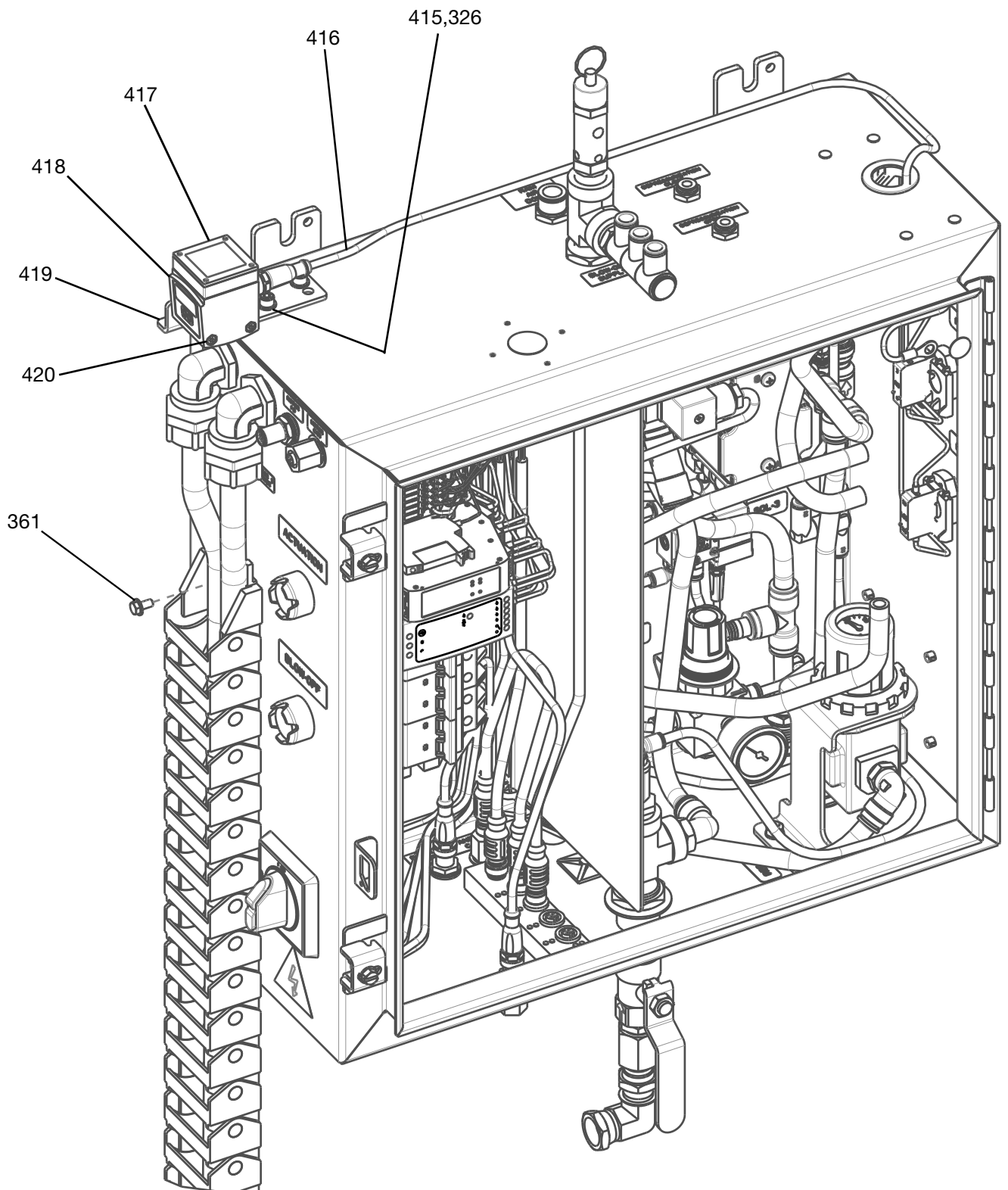
# 1000 Liter Supply Unit, 26D392











**1000 Liter Supply Unit, 26D392**

| Ref. | Part      | Description                                         | Qty. |
|------|-----------|-----------------------------------------------------|------|
| 301  | ---       | ELEVATOR, assembly, 1000L, 1900 mm                  | 1    |
| 302  | ---       | CARRIAGE, weldment, 1000L                           | 1    |
| 303  | ---       | MODULE, control, UniDrum, electric, 230V, left hand | 1    |
| 304  | ---       | CABLE, track, IGUS, 32 mm, UNI, 1KL                 | 1    |
| 305  | 127040    | BUMPER, polyurethane, 5/8-11                        | 2    |
| 306  | C20485    | FITTING, nipple, hex                                | 1    |
| 307  | 120997    | CABLE, TURCK, RS 4T-4                               | 1    |
| 308  | C19019    | FITTING, union swivel                               | 4    |
| 309  | 106149    | FILTER, air, 1/2 NPT                                | 1    |
| 310  | C19124    | SCREW, cap, hex head                                | 4    |
| 311  | 100133    | WASHER, lock, 3/8                                   | 20   |
| 312  | C19200    | WASHER, plain                                       | 20   |
| 313  | ---       | SUPPORT, enclosure, 1KL, UniDrum, electric          | 1    |
| 314  | 517288    | TUBE, coiled                                        | 2    |
| 315  | 123789    | COUPLER, PTC, 1/4 in. OD tubing                     | 2    |
| 316  | 054139    | TUBE, nylon, RD                                     | 1    |
| 317  | 100206    | BUSHING, pipe                                       | 2    |
| 318  | 116643    | VALVE, safety, relief, air                          | 2    |
| 319  | 125411    | FITTING, connector, male, 1/2 NPTF                  | 1    |
| 320  | 517272    | CLAMP, support                                      | 2    |
| 321  | 108126    | FITTING, tee, street                                | 2    |
| 322  | 125465    | FITTING, swivel, straight, 1/2 NPT                  | 2    |
| 323  | ---       | MANIFOLD, 1/2 NPT, 3 port, 3/8 PTC, swivel          | 1    |
| 324  | ---       | TUBE, coiled, .375 OD, 3X, 20 turns                 | 1    |
| 325  | 100333    | SCREW, cap, hex head                                | 2    |
| 326  | 100016    | WASHER, lock                                        | 6    |
| 327  | ---       | HOSE, coupled, 98 in.                               | 2    |
| 328  | 512905    | FITTING, bulkhead                                   | 1    |
| 329  | 218093    | HOSE, coupled                                       | 1    |
| 330  | ---       | BRACKET, bulkhead, UniDrum, electric                | 1    |
| 331  | ---       | LABEL, cross bar                                    | 2    |
| 334  | 101533    | WASHER, spring lock                                 | 12   |
| 335  | 101535    | NUT, full hex                                       | 12   |
| 336  | 121003    | CABLE, can, female/female 3.0M                      | 1    |
| 337  | 617180    | ROD, connecting                                     | 4    |
| 338  | 15J993    | RING, lift, plate                                   | 2    |
| 339  | ED290C T1 | PUMP, ESP, DF290CT, 240V, NO ADM                    | 2    |
| 340  | ---       | ROD, standoff                                       | 4    |

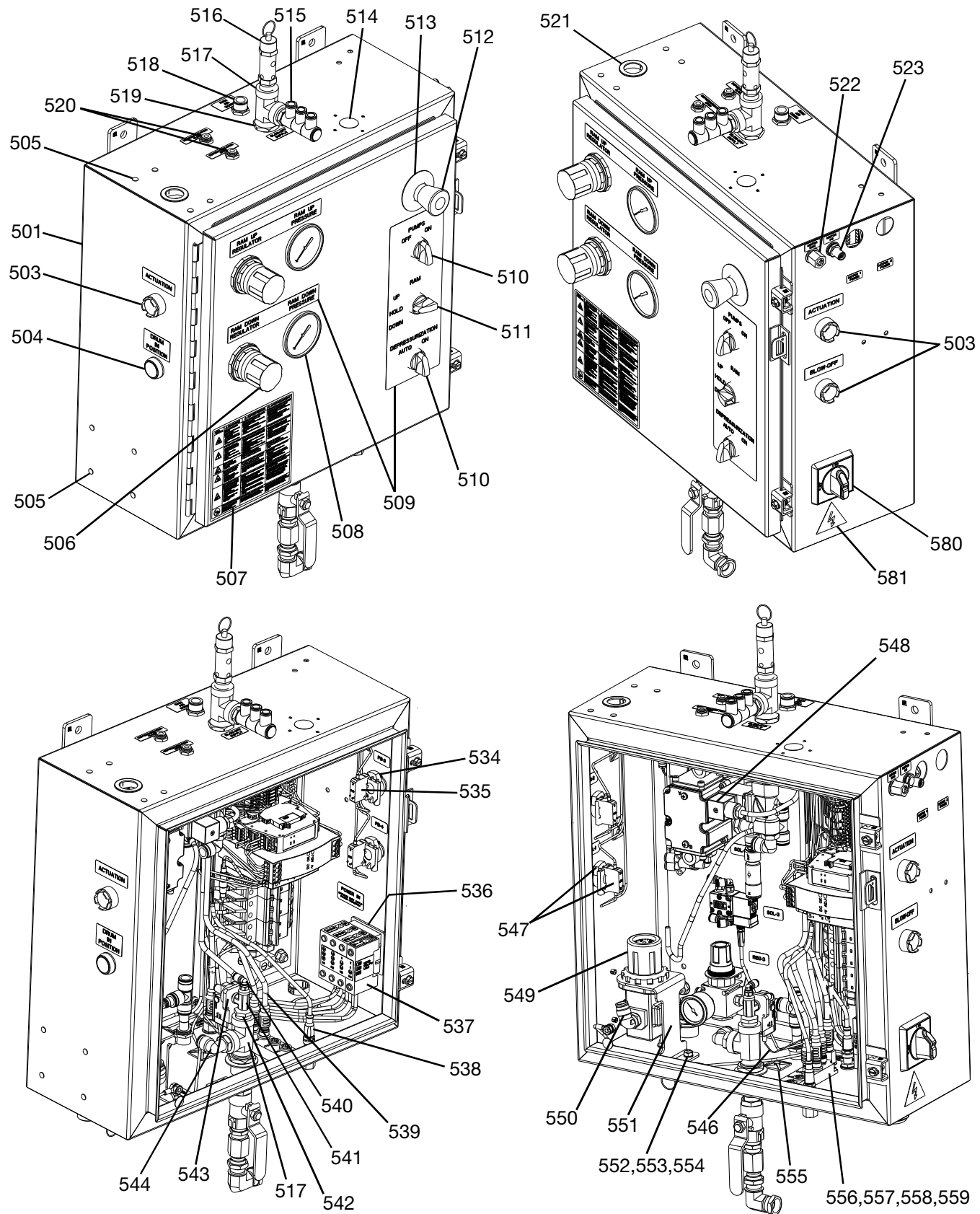
| Ref. | Part        | Description                                | Qty. |
|------|-------------|--------------------------------------------|------|
| 341  | 24R401      | PLATE, ram, Check-Mate, 1000 mm            | 1    |
| 342  | ---         | SUPPORT, NXT, support, 1000L               | 2    |
| 343  | C20450      | BOLT, U                                    | 6    |
| 344  | 15J992      | ROD, threaded                              | 2    |
| 345  | C38182      | WASHER, plain                              | 4    |
| 346  | 15J991      | ADAPTER, lift ring                         | 2    |
| 347  | 109495      | PACKING, o-ring                            | 2    |
| 348  | 111803      | SCREW, cap, hex head                       | 4    |
| 349  | 196073      | CLAMP                                      | 4    |
| 350  | ---         | KIT, switch, limit, 4 pin, oil tight       | 1    |
| 351  | 124415      | CABLE, 5 pin, MF, 3.0M, molded             | 1    |
| 352  | 100021      | SCREW, CAP hex head                        | 4    |
| 353  | 110755      | WASHER, plain                              | 4    |
| 354  | 16V867      | BRACKET, switch, drum                      | 1    |
| 355  | 84/0805 /89 | CABLE, tie mount, 1 x 1 SQW/adhesive       | 2    |
| 356  | 121728      | CABLE, can, male-female, 4.0M              | 1    |
| 357  | ---         | CABLE, M12, 8 pin, MF, 5M, molded          | 1    |
| 360  | ---         | GRIP, cord, elbow, .63-.75, 3/4 NPT        | 2    |
| 361  | 128670      | BOLT, flange head, serrated, M5, SST       | 4    |
| 362  | 16V886      | PAD, guide, side                           | 2    |
| 363  | C20811      | SCREW, socket head, flat                   | 22   |
| 366  | ---         | SUPPORT, safety, lock out, UniDrum, 1      | 1    |
| 367  | ---         | JUNCTION BOX, UniDrum, electric, left hand | 1    |
| 368  | 196085      | COVER, left, UniDrum                       | 1    |
| 369  | 196084      | COVER, right, UniDrum                      | 1    |
| 372  | ---         | SCREW, cap, flange head                    | 8    |
| 373  | ---         | GUIDE, rail                                | 2    |
| 374  | 100681      | NUT, jam, hex                              | 4    |
| 375  | 113820      | SCREW, cap, hex head                       | 4    |
| 376  | 100321      | NUT                                        | 8    |
| 377  | 100018      | WASHER, lock, spring, 1/2                  | 8    |
| 378  | 100696      | WASHER, wrought                            | 8    |
| 379  | 122487      | CABLE, can, male-female, 1.5M              | 1    |
| 380  | ---         | CABLE, M12, 8 pin, MF, 2M, molded          | 1    |
| 381  | 617569      | FITTING, reducer, plug-in                  | 2    |
| 382  | C19661      | BUSHING, reducing                          | 1    |
| 383  | C20487      | FITTING, nipple, hex                       | 1    |
| 384  | C19491      | FITTING, tee, 1-1/4 NPT(F)                 | 1    |
| 385  | C20490      | FITTING, nipple, hex                       | 1    |

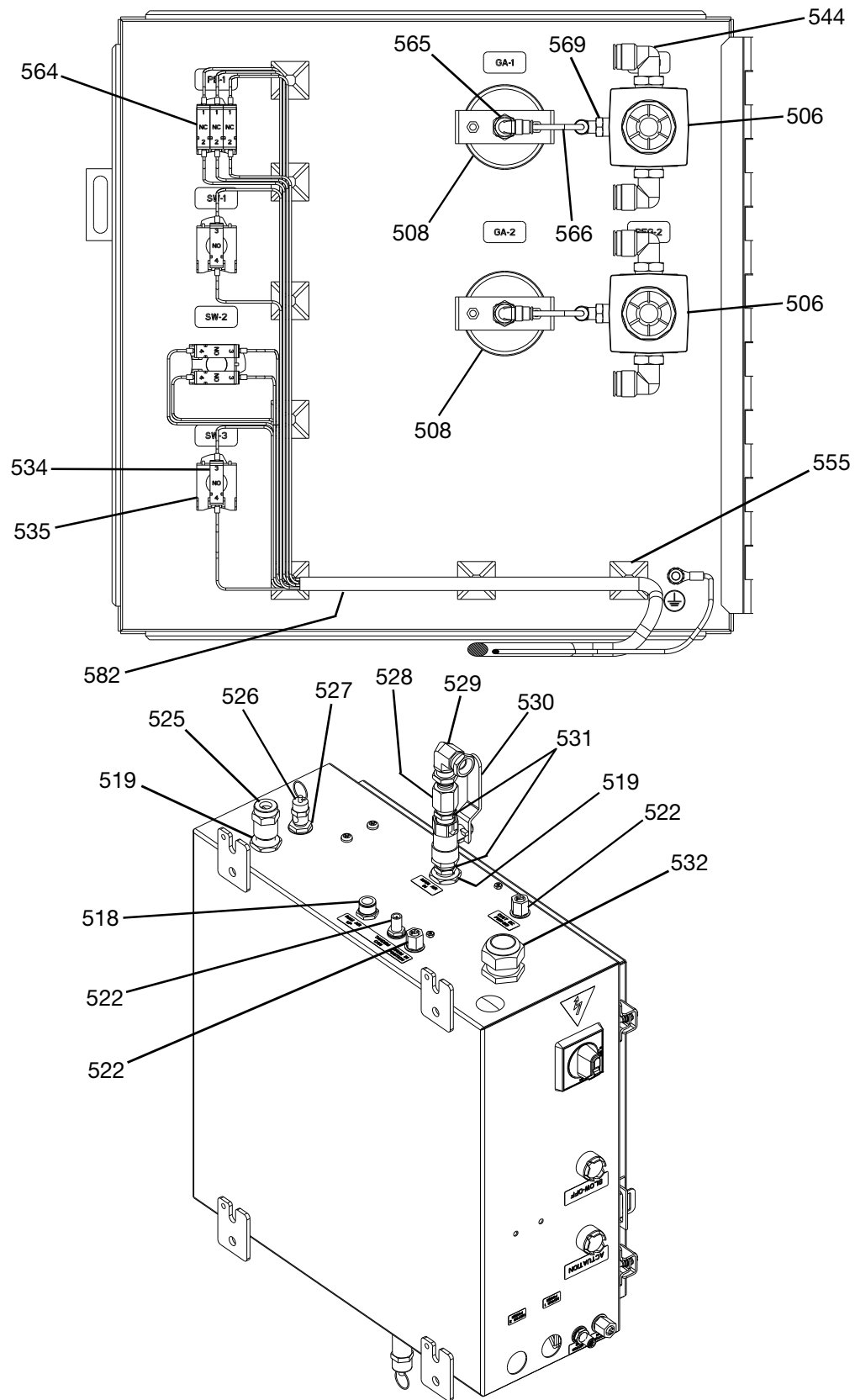
| Ref. | Part   | Description                                 | Qty. |
|------|--------|---------------------------------------------|------|
| 386  | ---    | PLATE, stand-off, manifold, 3 way           | 1    |
| 387  | ---    | BAR, support, 1000L                         | 1    |
| 388  | ---    | SCREW, HHC, 3/8-16 x 4.50, MS, GR5          | 2    |
| 389  | 100307 | NUT, hex                                    | 2    |
| 390  | 124968 | FITTING, adapter, JIC 16 x 1.25 NPT, MM, 3K | 2    |
| 391  | 15D140 | MANIFOLD, 3 way, high pressure              | 1    |
| 392  | V1M350 | APPLICATOR, ball seat, 3/4 in.              | 1    |
| 393  | 16P292 | COUPLING, pipe, 3/4 NPT, FXF, CS, zinc      | 1    |
| 394  | 124406 | FITTING, adapter, 3/4 NPT x 12 JIC, MS      | 2    |
| 395  | 16C542 | HOSE, assembly, SS BRD, 3/4 x 72, SS        | 1    |
| 396  | 16D289 | HOSE, assembly, SS BRD, 1 x 36, SS          | 2    |
| 397  | 123854 | FITTING, adapter, JIC16 x 1 NPT, MM, MS     | 2    |
| 398  | 123888 | FITTING, elbow, 45, 1 NPT, MF, CS, 4.2K     | 2    |
| 399  | 521477 | VALVE, ball, 1 in.                          | 2    |
| 400  | C20489 | FITTING, nipple                             | 2    |
| 401  | C19668 | FITTING, bushing, reducing                  | 2    |
| 402  | ---    | HARNESS, UniDrum, 1KL, power, MTR1, JB, MTR | 1    |
| 403  | ---    | HARNESS, UniDrum, 1KL, power, MTR2, JB, MTR | 1    |
| 404  | 125473 | TUBE, pneumatic, polyurethane               | 10   |
| 405  | 125424 | FITTING, plug, tube, push, 1/4              | 2    |
| 406  | 114112 | FITTING, connector, female                  | 4    |
| 407  | ---    | MANIFOLD, air, UniDrum, electric            | 1    |
| 408  | 100469 | SCREW, cap, hex head                        | 4    |
| 409  | 113532 | FITTING, elbow, female                      | 4    |
| 410  | ---    | PLATE, MTG, junction, UniDrum, electric     | 1    |
| 411  | ---    | BRACKET, track, cable, UniDrum              | 1    |
| 412  | 127047 | SCREW, mach, hex, flange, M6 x 1 x 10 mm    | 4    |
| 413  | 112248 | NUT, hex                                    | 2    |
| 414  | 120993 | NUT, hex, M5, with tooth washer             | 2    |
| 415  | 121112 | SCREW, cap, socket head                     | 2    |
| 416  | ---    | HARNESS, UniDrum, M12, 5P, laser            | 1    |
| 417  | ---    | COVER, protective, laser, IFM               | 1    |
| 418  | ---    | SENSOR, optical, .3-6M, 24VDC               | 1    |
| 419  | ---    | BRACKET, laser, UniDrum, electric           | 1    |
| 420  | ---    | SCREW, SHC, M4-0.7 x 45, SS                 | 2    |

| Ref. | Part   | Description                    | Qty. |
|------|--------|--------------------------------|------|
| 421  | ---    | KNOB, disconnect, panel, black | 1    |
| 430  | 101550 | SCREW, cap, SCH                | 2    |
| 431  | ---    | CAP, plug, 1-1/4 NPT, plastic  | 1    |
| 432  | 190737 | CYLINDER, intake               | 1    |
| 433  | C38457 | FITTING, coupling, reducing    | 1    |

▲ Replacement safety labels, tags, and cards are available at no cost.

# Enclosure





## Enclosure

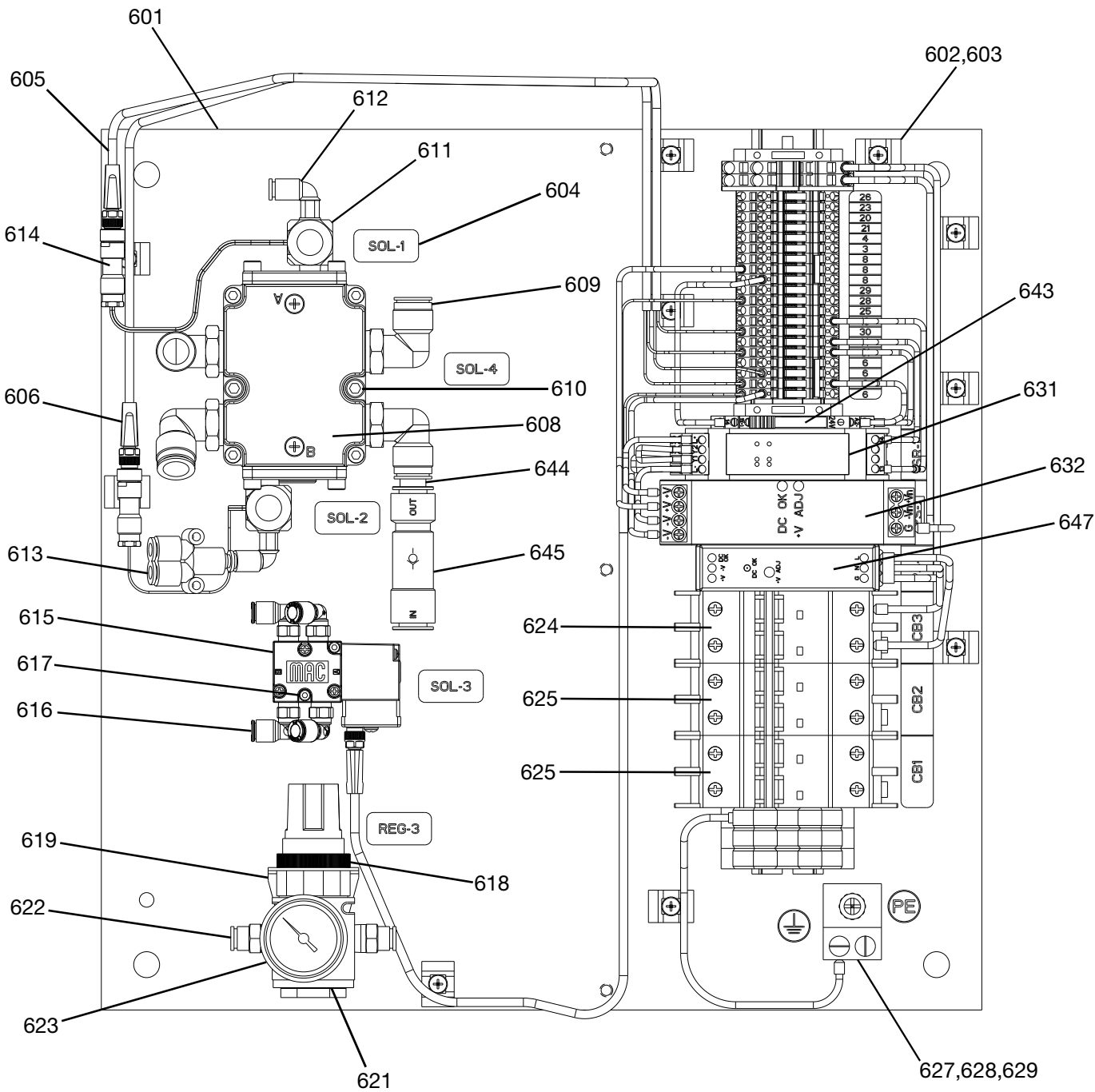
| Ref. | Part          | Description                                   | Qty. |
|------|---------------|-----------------------------------------------|------|
| 501  | ---           | ENCLOSURE, control, uni, electric, right hand | 1    |
| 502  | ---           | MODULE, panel, uni, electric, right hand      | 1    |
| 503  | ---           | BUTTON, operator, pb, flush, white, guard     | 3    |
| 504  | 81/2056-G/11  | RUTTON, opperator, pl, green                  | 1    |
| 505  | ---           | PLUG, hole, snap-in, 0.25 diameter, black     | 8    |
| 506  | 16T410        | REGULATOR, air 1/2 NPT                        | 2    |
| 507▲ | 17J476        | LABEL, safety, warning                        | 1    |
| 508  | 125452        | GAUGE, pressure, air, panel mount             | 2    |
| 509  | ---           | LABEL, enc, uni, electric, multiple           | 1    |
| 510  | 81/2063/11    | SWITCH, operator, sel, 2P                     | 2    |
| 511  | 81/2064/11    | BUTTON, operator, sel, 3P                     | 1    |
| 512  | 81/2060-E/11  | BUTTON, mush, maint, twist, red               | 1    |
| 513  | 81/2060-EL/11 | LABEL, legend, e-stop, 60 mm                  | 1    |
| 514  | 123812        | PLUG, hole, 0.875 in.                         | 1    |
| 515  | ---           | MANIFOLD, 1/2 NPT, 3 port, 3/8 PTC, swivel    | 1    |
| 516  | ---           | VALVE, safety, relief, air, 10 psi            | 1    |
| 517  | 108126        | FITTING, tee, street                          | 2    |
| 518  | 125421        | FITTING, bulkhead, union, M20 x 1/2           | 2    |
| 519  | 512905        | FITTING, bulkhead                             | 3    |
| 520  | 125420        | FITTING, bulkhead, M14 x 1/4 tube             | 2    |
| 521  | 123679        | BUSHING, wire protector, 1 3/8 OD             | 1    |
| 522  | 121612        | CONNECTOR, thru, M12, MXF                     | 4    |
| 523  | 122540        | CONNECTOR, thru, M12, MXF, 8 pin              | 1    |
| 524  | ---           | PLUG, hole, snap-in, 1.125 diameter, bl       | 1    |
| 526  | 116643        | VALVE, safety, relief, air                    | 1    |
| 527  | 104641        | FITTING, bulkhead                             | 1    |
| 528  | 125465        | FITTING, swivel, straight, 1/2 NPT            | 1    |
| 529  | 125466        | FITTING, swivel, elbow, 1/2 NPT, MF           | 1    |
| 530  | 125512        | VALVE, ball, vented, 0.500                    | 1    |
| 531  | 125408        | FITTING, nipple, hex, 1/2 NPTF                | 3    |
| 532  | 117682        | BUSHING, strain relief                        | 1    |

| Ref. | Part         | Description                            | Qty.   |
|------|--------------|----------------------------------------|--------|
| 534  | 81/2070/11   | LATCH, operator                        | 7      |
| 535  | 81/2080-1/11 | CONTACT, block, no                     | 7      |
| 536  | ---          | SWITCH, disconnect 63 amp              | 1      |
| 537  | ---          | CONTACT, auxiliary, disconnect, 80 amp | 1      |
| 538  | ---          | HARNESS, uni, M12, 5P, dc power, CS1   | 1      |
| 539  | 122487       | CABLE, can, male-female, 1.5 m         | 1      |
| 540  | 597151       | FITTING, elbow                         | 1      |
| 541  | 110475       | FITTING, street, tee                   | 1      |
| 542  | 556405       | FITTING, 1/2 x 1/8 NPTF hex red        | 1      |
| 543  | 23232-00     | SWITCH, pressure, adjustable           | 1      |
| 544  | 125431       | FITTING, elbow, male, swivel           | 6      |
| 546  | ---          | HARNESS, uni, M12, 8P, MTR I/O         | 1      |
| 547  | 81/2072-2/11 | LIGHT, led, white, 24 VDC, latch       | 1      |
| 549  | 120897       | REGULATOR, air, with integral gauge    | 1      |
| 550  | 114114       | FITTING, elbow, male, swivel           | 2      |
| 551  | ---          | BRACKET, reg, uni, electric            | 1      |
| 552  | 113783       | SCREW, machine, pn hd                  | 5      |
| 553  | 100016       | WASHER, lock                           | 2      |
| 554  | 100015       | NUT, hex mscr                          | 2      |
| 555  | 84/0805/89   | CABLE, tie mount                       | 15     |
| 556  | 123466       | CONNECTOR                              | 1      |
| 557  | 102410       | SCREW, cap soc hd                      | 2      |
| 558  | 100068       | WASHER, lock, spring                   | 2      |
| 559  | 100072       | NUT, hex mscr                          | 2      |
| 560  | ---          | CABLE, GCA, can, M12, 5P, F            | 1      |
| 561  | 123680       | CABLE, can, male/male 0.5 m            | 1      |
| 563  | ---          | BARRIER, enclosure, uni, electric      | 1      |
| 564  | 81/2081-1/11 | CONTACT, block, nc                     | 3      |
| 565  | 125410       | FITTING, coupling, 1/4 x 1/4 NPTF      | 2      |
| 566  | 125472       | TUBE, pneumatic, polyurethane          | 0.5 ft |
| 567  | 125473       | TUBE, pneumatic, polyurethane          | 11 ft  |
| 568  | 125474       | TUBE, pneumatic, polyurethane          | 13 ft  |
| 569  | 114469       | FITTING, elbow, m swivel               | 4      |
| 570  | 125416       | FITTING, union, tee                    | 5      |
| 571  | 125422       | FITTING, reducer, plug-in              | 4      |
| 572  | 617569       | FITTING, reducer, plug-in              | 2      |
| 573  | 125501       | VALVE, pneumatic, check, push in       | 1      |

| Ref. | Part   | Description                            | Qty. |
|------|--------|----------------------------------------|------|
| 574  | 114111 | FITTING, connector, male               | 1    |
| 575  | 125515 | FITTING, tee, branch, swivel, male     | 1    |
| 576  | 125415 | FITTING, union, tee 1/4 tube           | 1    |
| 577  | C19019 | FITTING, union swivel                  | 1    |
| 578  | ---    | VALVE, sol, 1/2 NPT, 24 VDC            | 1    |
| 580  | 123967 | KNOB, operator disconnect              | 1    |
| 581▲ | 196548 | LABEL, caution                         | 1    |
| 582  | ---    | HARNESS, uni, 20 AWG, 15 cond, door sw | 1    |
| 583  | ---    | VALVE, relay, air, 1/4, PTC, swivel    | 1    |
| 584  | ---    | FERRULE, wire, 22 AWG                  | 1    |

▲ Replacement safety labels, tags, and cards are available at no cost.

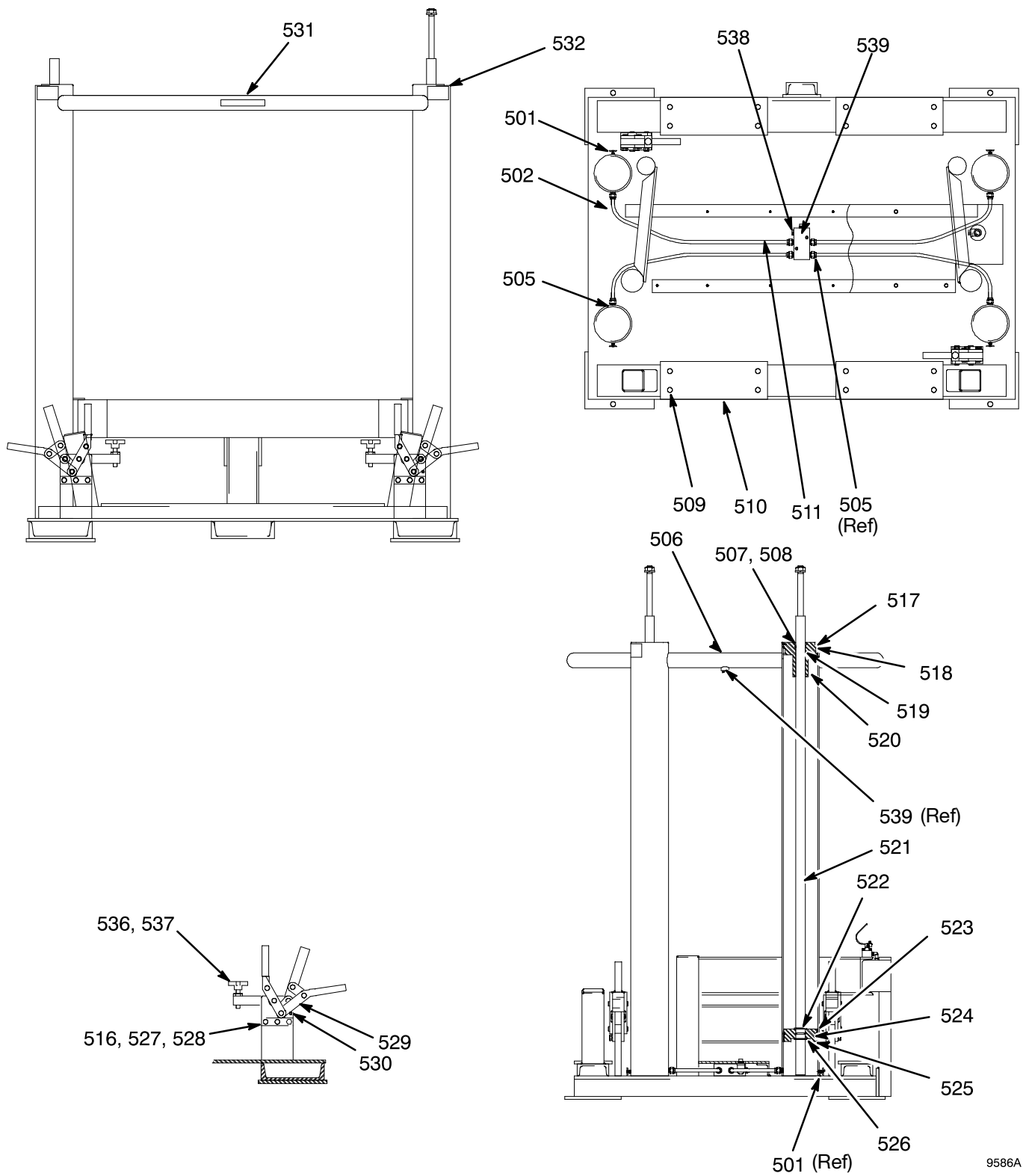
Enclosure Back Panel



## Enclosure Back Panel

| Ref. | Part   | Description                                | Qty. |
|------|--------|--------------------------------------------|------|
| 601  | ---    | PANEL, electric, unidrum, right hand       | 1    |
| 602  | 123452 | HOLDER, anchor, wire tie, nylon            | 10   |
| 603  | 103833 | SCREW, mach, CRBH                          | 14   |
| 604  | ---    | LABEL, panel, uni, electric, multiple      | 1    |
| 605  | ---    | HARNESS, uni, M8, 4P, SOL1                 | 1    |
| 606  | ---    | HARNESS, uni, M8, 4P, SOL2                 | 1    |
| 607  | ---    | HARNESS, uni, M8, 4P, SOL3                 | 1    |
| 608  | ---    | VALVE, dual, 4/3, CS, remote pilot         | 1    |
| 609  | 125431 | FITTING, elbow, male, swivel               | 4    |
| 610  | 107445 | SCREW, cap, sch                            | 2    |
| 611  | 121537 | MANIFOLD, 10-32 in., 1/8 NPT out, nibr     | 2    |
| 612  | 124892 | FITTING, elbow, swivel, 1/4 tube x 10-32 m | 2    |
| 613  | 114158 | FITTING, adapter, Y                        | 1    |
| 614  | 256559 | VALVE, assembly, solenoid, refill, PR70    | 2    |
| 615  | 25V521 | SOLENOID, 1/8 NPT, 24 VDC, 12W             | 1    |
| 616  | 597151 | FITTING, elbow                             | 4    |
| 617  | C19965 | SCREW, cap, socket head                    | 2    |
| 618  | 125505 | NUT, pneumatic, regulator, plast           | 1    |
| 619  | 125508 | BRACKET, mounting, regulator               | 1    |
| 620  | 551787 | SCREW, cap, 10, ss, but hd                 | 2    |
| 621  | 125507 | VALVE, pneumatic, regulator, 1/4 NP        | 1    |
| 622  | ---    | CONNECTOR, male                            | 2    |
| 623  | 125511 | GAUGE, pressure, air                       | 1    |
| 624  | ---    | CIRCUIT, breaker, 2P, 3A, UL489            | 1    |
| 625  | 123298 | CIRCUIT, breaker, 2P, 20A, UL489           | 2    |
| 627  | 117666 | TERMINAL, ground                           | 1    |
| 628  | 100985 | WASHER, lock ext                           | 1    |
| 629  | 113783 | SCREW, machine                             | 1    |
| 631  | ---    | RELAY, 24 VDC, 6A/240V, safety             | 1    |
| 632  | ---    | POWER SUPPLY, 24VDC, DC-DC, 120W, 5A       | 1    |
| 643  | 123386 | RELAY, 24VDC coil, spdt, 6A/240V           | 1    |
| 644  | 125425 | FITTING, union, push in, 5/32 tube         | 1    |
| 645  | ---    | VALVE, check, air, 1/2 PTC                 | 1    |
| 647  | ---    | POWER SUPPLY, 24VDC, 1.0A, 24W             | 1    |

# Elevator Assembly, 241902



9586A

**FIG. 1**

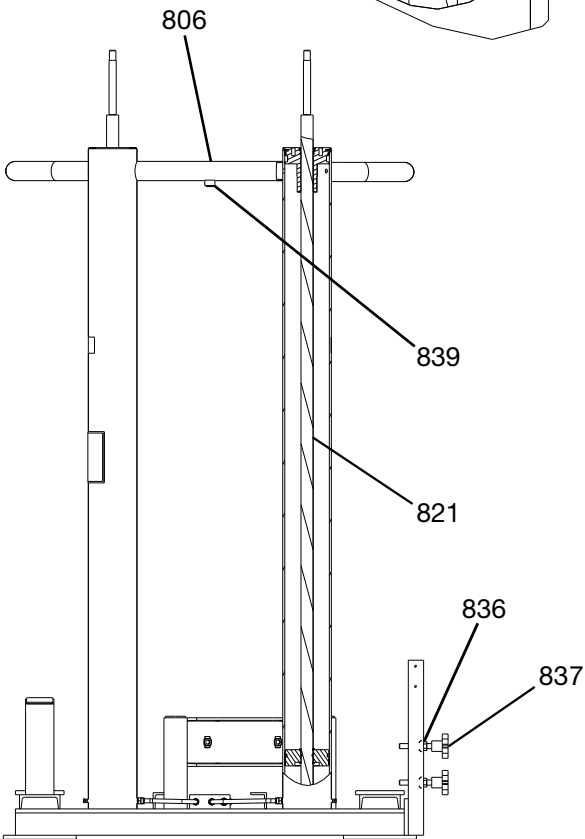
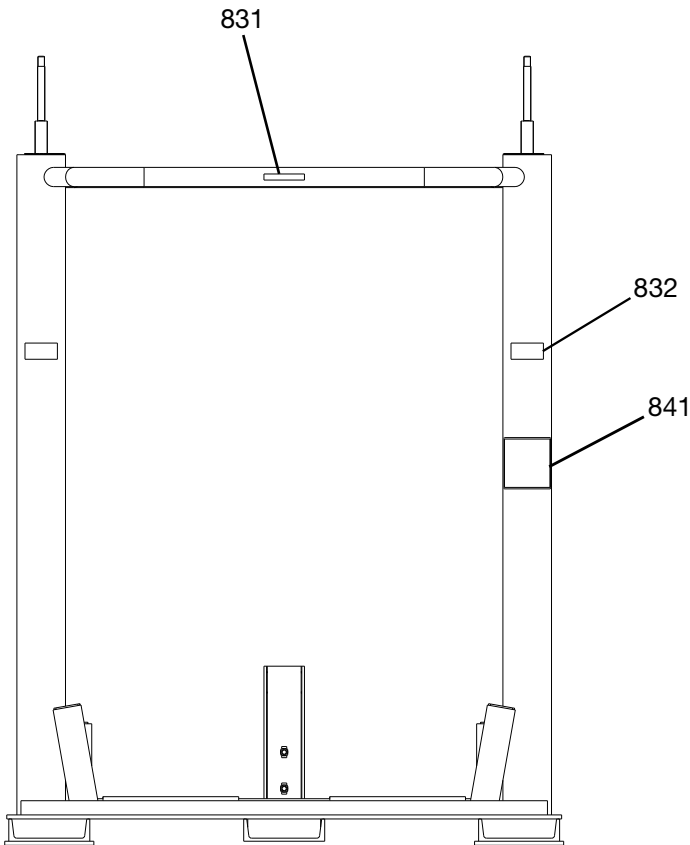
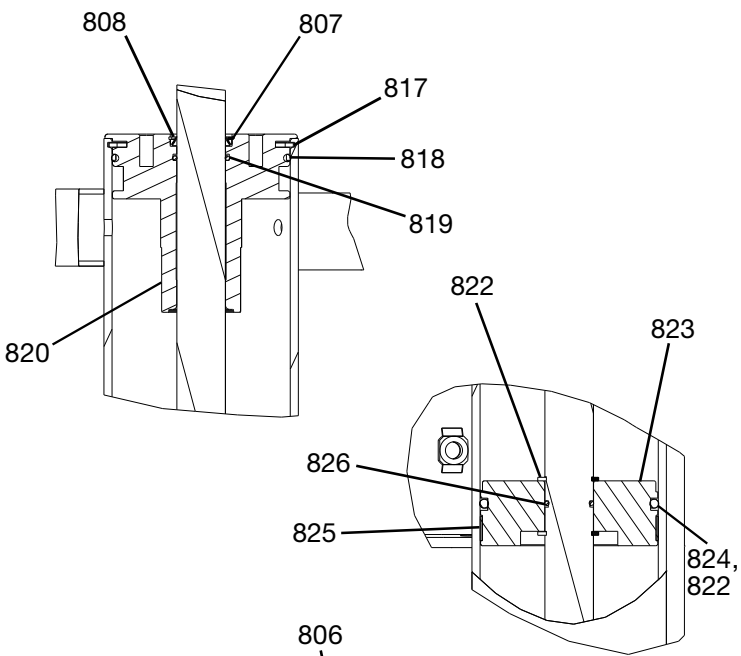
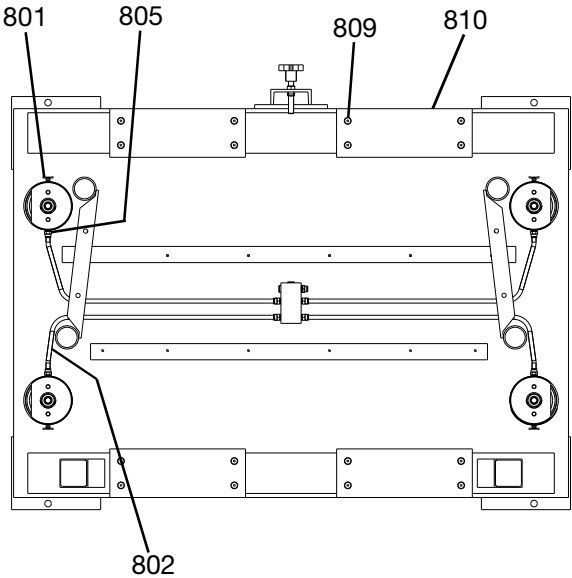
**Elevator Assembly, 241902**

| Ref. | Part   | Description              | Qty.    |
|------|--------|--------------------------|---------|
| 701  | 517269 | DRAIN COCK               | 4       |
| 702  | 054139 | TUBE; 1/2 in.            | 11.3 ft |
| 705  | 114129 | CONNECTOR, male          | 8       |
| 706  | ---    | FRAME, elevator          | 1       |
| 707* | C31001 | WIPER, rod               | 4       |
| 708* | C03043 | RING, snap               | 4       |
| 709  | C20808 | SCREW, socket, flat-head | 16      |
| 710  | 617179 | PAD, rest                | 4       |
| 716  | 100321 | NUT                      | 6       |
| 717* | C03042 | RING, lock               | 4       |
| 718* | 121306 | O-RING                   | 4       |
| 719* | 156593 | O-RING                   | 4       |
| 720  | C31000 | SLEEVE                   | 4       |
| 721  | 617176 | ROD, lift                | 4       |
| 722* | C20417 | RING, retaining          | 8       |
| 723  | C03046 | PISTON, elevator         | 4       |
| 724* | C20280 | O-RING                   | 4       |
| 725* | C03047 | GUIDE, band              | 4       |
| 726* | 158776 | O-RING                   | 4       |
| 727  | C19130 | SCREW, cap, hex hd       | 6       |
| 728  | 100018 | WASHER, lock             | 6       |
| 729  | 194968 | CLAMP                    | 2       |
| 730  | 517281 | PIN, spring              | 2       |
| 731▲ | C14022 | LABEL, warning           | 2       |
| 732▲ | C14007 | LABEL, warning           | 4       |
| 736  | 100681 | NUT, jam, hex            | 2       |
| 737  | 517411 | KNOB                     | 2       |
| 738  | 114111 | CONNECTOR, male          | 1       |
| 739  | 100361 | PLUG, pipe               | 3       |

\* These parts may be purchased separately or in Repair Kit 918110.

▲ Replacement safety labels, tags, and cards are available at no cost.

Elevator Assembly



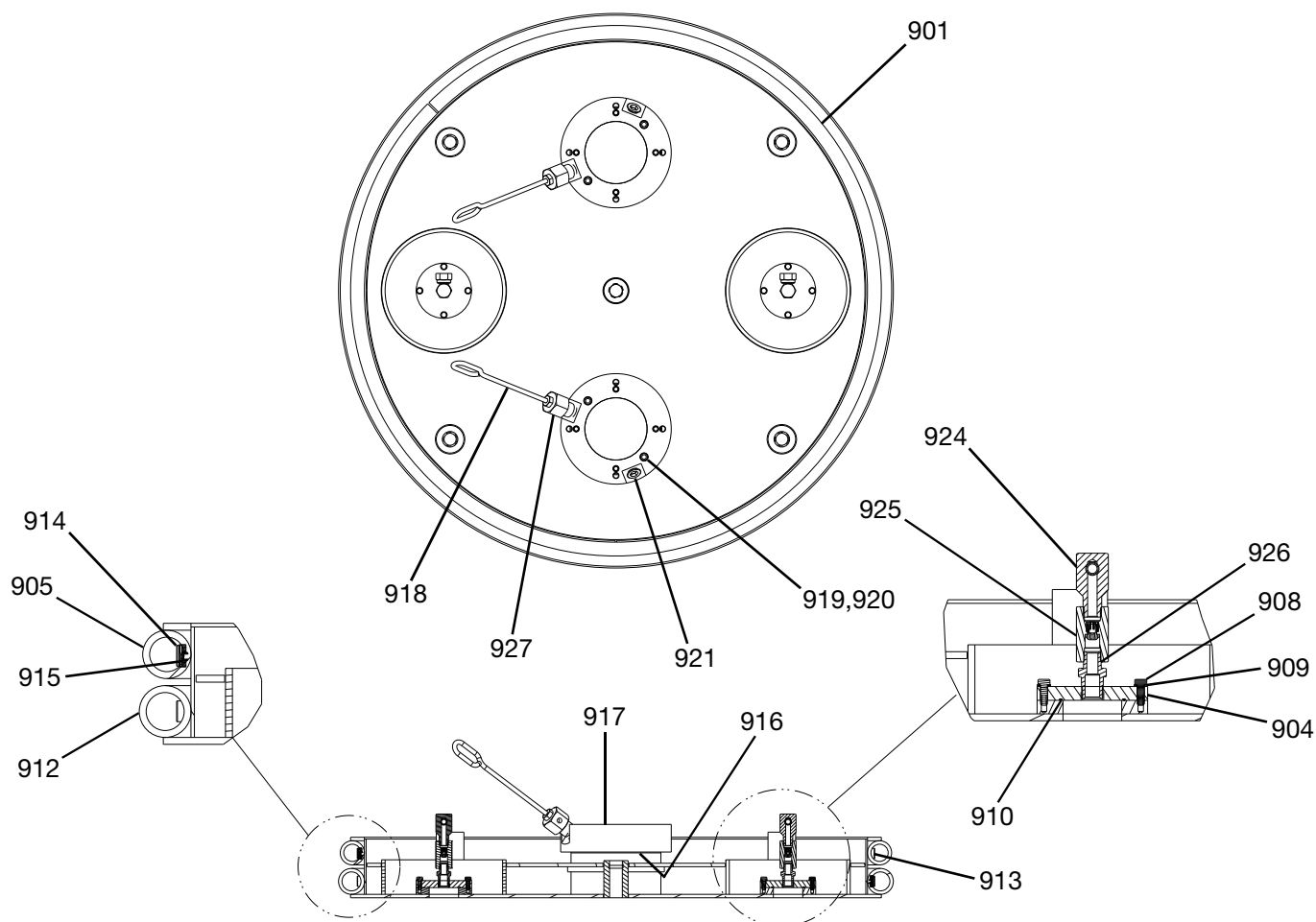
## Elevator Assembly

| Ref. | Part   | Description                      | Qty.    |
|------|--------|----------------------------------|---------|
| 801  | 517269 | VALVE, drain cock                | 4       |
| 802  | 054139 | TUBE, nylon, rd                  | 11.3 ft |
| 805  | 114129 | FITTING, connector, male         | 8       |
| 806  | ---    | ELEVATOR, weldment, 1000L, tall  | 1       |
| 807* | C31001 | WIPER, rod, 1.5 in.              | 4       |
| 808* | C03043 | RING, snap, internal, 1.875      | 4       |
| 809  | C20808 | SCREW, sockethead, flat          | 16      |
| 810  | 617179 | PAD, rest                        | 4       |
| 817* | C03042 | RING, spirolox                   | 4       |
| 818* | 121306 | PACKING, o-ring                  | 4       |
| 819* | 156593 | PACKING, o-ring                  | 4       |
| 820  | C31000 | SLEEVE, guide                    | 4       |
| 821  | ---    | ROD, lift                        | 4       |
| 822* | C20417 | RING, retaining, external, 1.500 | 8       |
| 823  | C03046 | PISTON, elevator                 | 4       |
| 824* | C20280 | O-RING                           | 4       |
| 825* | C03047 | GUIDE, band                      | 4       |
| 826* | 158776 | PACKING, o-ring                  | 4       |
| 831▲ | C14022 | LABEL, warning                   | 2       |
| 832▲ | 15J074 | LABEL, safety, crush & pinch     | 4       |
| 836  | 100681 | NUT, jam, hex                    | 2       |
| 837  | 16U114 | KNOB, clamp, UniDrum, 1000L      | 2       |
| 838  | 114111 | FITTING, connector, male         | 1       |
| 839  | 100361 | PLUG, pipe                       | 4       |
| 841▲ | 15M511 | LABEL, warning, ENG/SPAN/FRE     | 1       |

\* These parts may be purchased separately or in Repair Kit 918110.

▲ Replacement safety labels, tags, and cards are available at no cost.

## Follower Plate Assembly (1000 Liter SS)



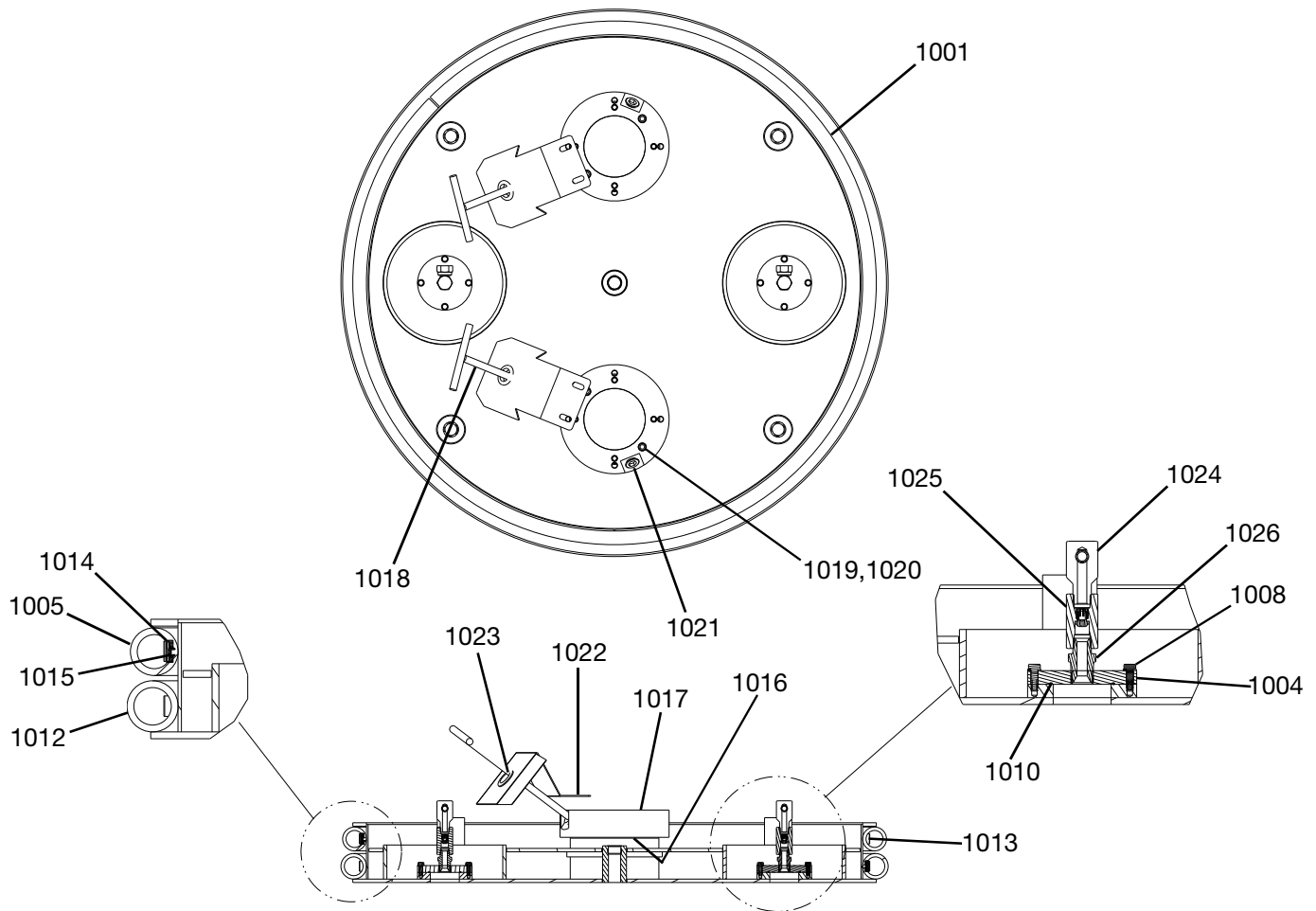
## Follower Plate Assembly (1000 Liter SS)

| Ref. | Part   | Description                             | Qty.  |
|------|--------|-----------------------------------------|-------|
| 901  | ---    | INDUCTOR, plate, weldment, 1000 mm, SST | 1     |
| 904  | ---    | PLATE, blow-off, air, SST               | 2     |
| 905  | 16X984 | HOSE, wiper                             | 1     |
| 908  | 100022 | SCREW, cap, hex head                    | 8     |
| 909  | 100016 | WASHER, lock                            | 8     |
| 910  | 112245 | PACKING, o-ring                         | 2     |
| 912* | 16V045 | HOSE, wiper                             | 1     |
| 913  | ---    | STRIP, carbon steel                     | 24 ft |
| 914  | 101817 | CLAMP, banding                          | 2     |
| 915  | 115785 | SCREW, set, socket head                 | 2     |
| 916  | 617230 | GASKET                                  | 2     |
| 917  | ---    | ADAPTER, ring, SST                      | 2     |
| 918  | ---    | HANDLE, bleed, SST, assembly            | 2     |
| 919  | C19843 | SCREW, cap, socket head                 | 4     |
| 920  | 106115 | WASHER, lock (hi-collar)                | 4     |

| Ref. | Part   | Description                             | Qty. |
|------|--------|-----------------------------------------|------|
| 921  | 125009 | PLUG, 3/4 in. NPT, socket head, M, SS   | 2    |
| 924  | 217430 | FITTING, swivel, union, 90 degree       | 2    |
| 925  | 114243 | VALVE, check                            | 2    |
| 926  | 123724 | FITTING, nipple, hex, 1/2 NPT x 3/8 NPT | 2    |
| 927  | ---    | ADAPTER, bleed, UniDrum, SST            | 2    |
| 928* | 24X821 | KIT, banding, seal, UniDrum             | 1    |

\* To replace the seals, order two hose wipers (16V045) and banding kits (24X821).

## **Follower Plate Assembly (1000 Liter CS), 24R401**



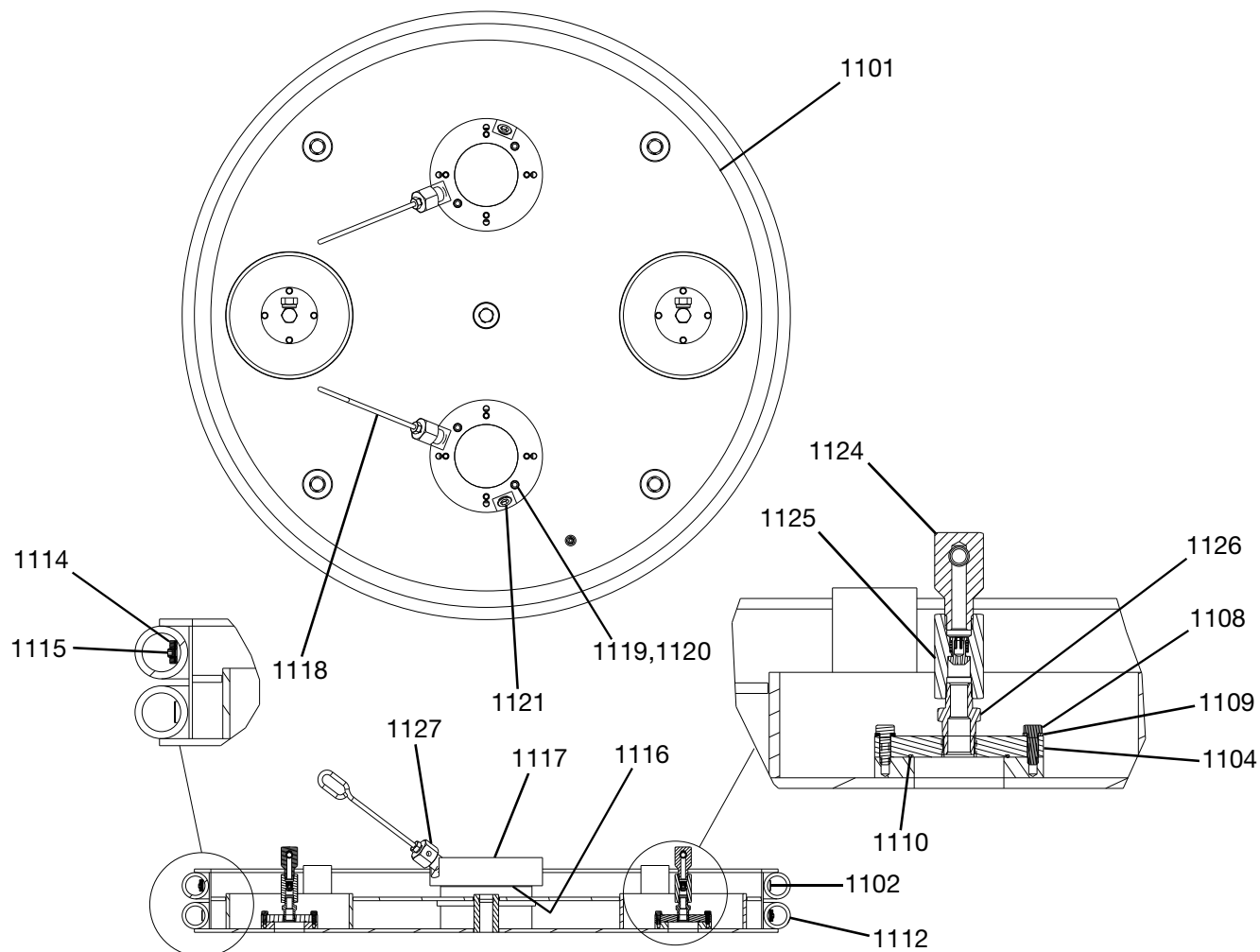
## **Follower Plate Assembly (100 Liter CS), 24R401**

| Ref.  | Part   | Description                        | Qty.  |
|-------|--------|------------------------------------|-------|
| 1001  | ---    | INDUCTOR, plate, weldment, 1000 mm | 1     |
| 1004  | 16V019 | PLATE, blow-off, air               | 2     |
| 1005  | 16X984 | HOSE, wiper                        | 1     |
| 1008  | 100022 | SCREW, cap, hex head               | 8     |
| 1009  | 100016 | WASHER, lock                       | 8     |
| 1010  | 112245 | PACKING, o-ring                    | 2     |
| 1012* | 16V045 | HOSE, wiper                        | 1     |
| 1013  | ---    | STRIP, carbon steel                | 24 ft |
| 1014  | 101817 | CLAMP, banding                     | 2     |
| 1015  | 115785 | SCREW, set, socket head            | 2     |
| 1016  | 617230 | GASKET                             | 2     |
| 1017  | 196072 | ADAPTER, ring                      | 2     |
| 1018  | ---    | PLUG, vent, UniDrum, Check-Mate    | 2     |

| Ref.  | Part   | Description                       | Qty. |
|-------|--------|-----------------------------------|------|
| 1019  | C19843 | SCREW, cap, socket head           | 4    |
| 1020  | 106115 | WASHER, lock (hi-collar)          | 4    |
| 1021  | 102726 | PLUG, pipe headles                | 2    |
| 1022  | 196122 | SHIELD                            | 2    |
| 1023  | 114269 | GROMMET, rubber                   | 2    |
| 1024  | 217430 | FITTING, swivel, union, 90 degree | 2    |
| 1025  | 114243 | VALVE, check                      | 2    |
| 1026  | 159239 | FITTING, nipple, pipe, RDCG       | 2    |
| 1027* | 24X821 | KIT, banding, seal, UniDrum       | 1    |

\* To replace the seals, order two hose wipers (16V045) and banding kits (24X821).

## Follower Plate Assembly (300 Gallon SS), 24R972



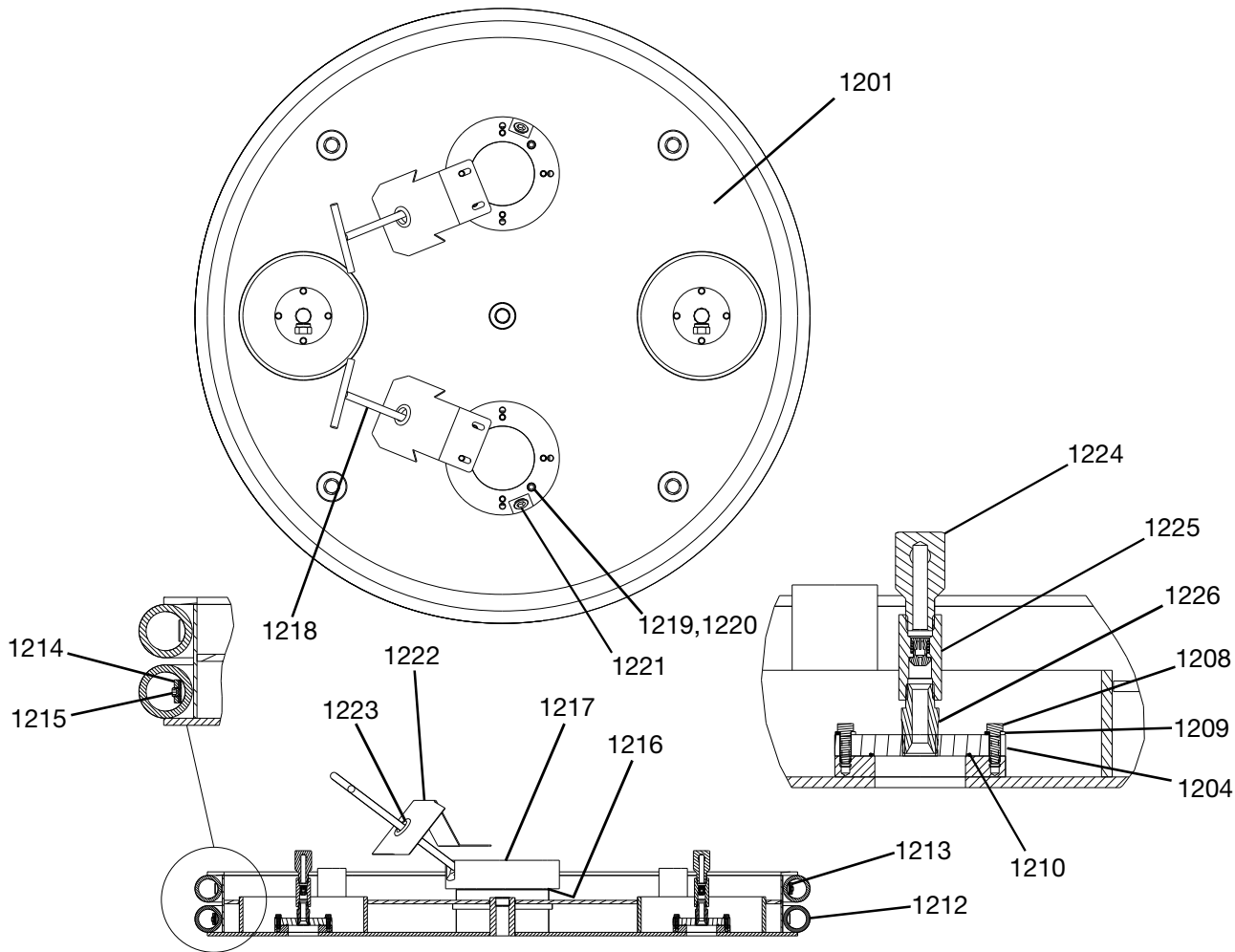
## Follower Plate Assembly (300 Gallon SS), 24R972

| Ref.  | Part   | Description                              | Qty.  |
|-------|--------|------------------------------------------|-------|
| 1101  | 24R955 | INDUCTOR, plate, weldment, SST, 41.5 in. | 1     |
| 1104  | ---    | PLATE, blow-off, air, SST                | 2     |
| 1108  | 100022 | SCREW, cap, hex head                     | 8     |
| 1109  | 100016 | WASHER, lock                             | 8     |
| 1110  | 112245 | PACKING, o-ring                          | 2     |
| 1112* | 617195 | HOSE, wiper                              | 2     |
| 1113* | ---    | STRIP, carbon steel                      | 24 ft |
| 1114* | 101817 | CLAMP, banding                           | 2     |
| 1115* | 115785 | SCREW, set, socket head                  | 2     |
| 1116  | 617230 | GASKET                                   | 2     |
| 1117  | ---    | ADAPTER, ring, SST                       | 2     |
| 1118  | ---    | HANDLE, bleed ,SST, assembly             | 2     |
| 1119  | C19843 | SCREW, cap, socket head                  | 4     |

| Ref. | Part   | Description                             | Qty. |
|------|--------|-----------------------------------------|------|
| 1120 | 106115 | WASHER, locker (hi-collar)              | 4    |
| 1121 | 125009 | PLUG, 3/4 in. NPT, socket head, M, SS   | 2    |
| 1124 | 217430 | FITTING, swivel, union, 90 degree       | 2    |
| 1125 | 114243 | VALVE,CHECK                             | 2    |
| 1126 | 123724 | FITTING, nipple, hex, 1/2 NPT x 3/8 NPT | 2    |
| 1127 | ---    | ADAPTER, bleed, UniDrum, SST            | 2    |

\* Parts used in wiper repair kit (918241).

# **Follower Plate Assembly (300 Gallon CS)**



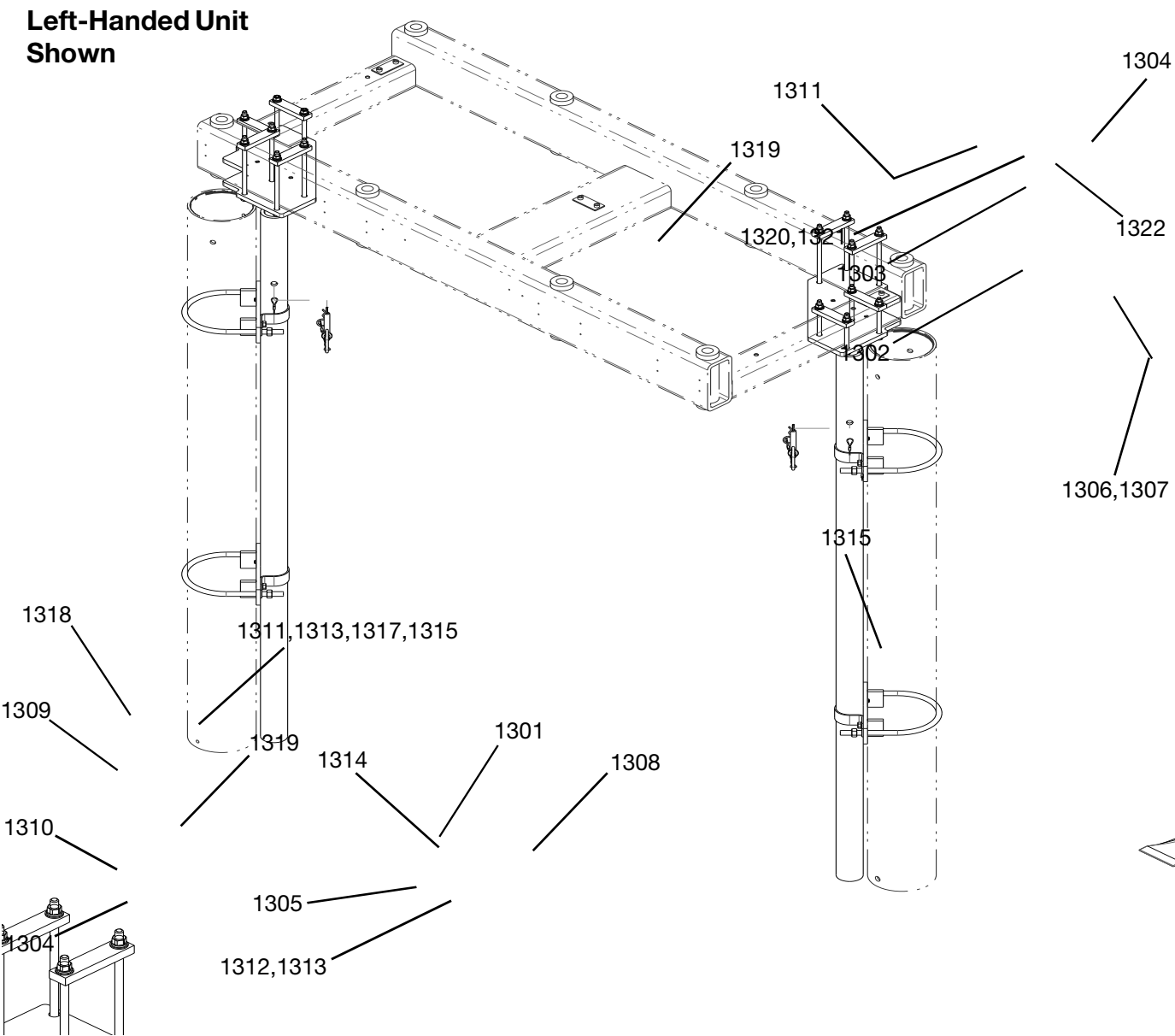
## **Follower Plate Assembly (300 Gallon CS)**

| Ref.  | Part   | Description               | Qty.  |
|-------|--------|---------------------------|-------|
| 1201  | 233040 | INDUCTOR, plate, weldment | 1     |
| 1204  | 16V019 | PLATE, blow-off, air      | 2     |
| 1208  | 100022 | SCREW, cap, hex hd        | 8     |
| 1209  | 100016 | WASHER, lock              | 8     |
| 1210  | 112245 | PACKING, o-ring           | 2     |
| 1212* | 617195 | HOSE, wiper               | 2     |
| 1213* | ---    | STRIP, carbon steel       | 24 ft |
| 1214* | 101817 | CLAMP, banding            | 2     |
| 1215* | 115785 | SCREW, set, socket head   | 2     |
| 1216  | 617230 | GASKET                    | 2     |
| 1217  | 196072 | ADAPTER, ring             | 2     |
| 1218  | 233044 | PLUG, vent                | 2     |
| 1219  | C19843 | SCREW, cap, socket head   | 4     |

| Ref. | Part   | Description                       | Qty. |
|------|--------|-----------------------------------|------|
| 1220 | 106115 | WASHER, lock (hi-collar)          | 4    |
| 1221 | 102726 | PLUG, pipe headles                | 2    |
| 1222 | 196122 | SHIELD                            | 2    |
| 1223 | 114269 | GROMMET, rubber                   | 2    |
| 1224 | 217430 | FITTING, swivel, union, 90 degree | 2    |
| 1225 | 114243 | VALVE, check                      | 2    |
| 1226 | 159239 | FITTING, nipple, pipe, RDCG       | 2    |

\* Parts used in wiper repair kit (918241).

Safety Pin Maintenance Kit,  
26B772

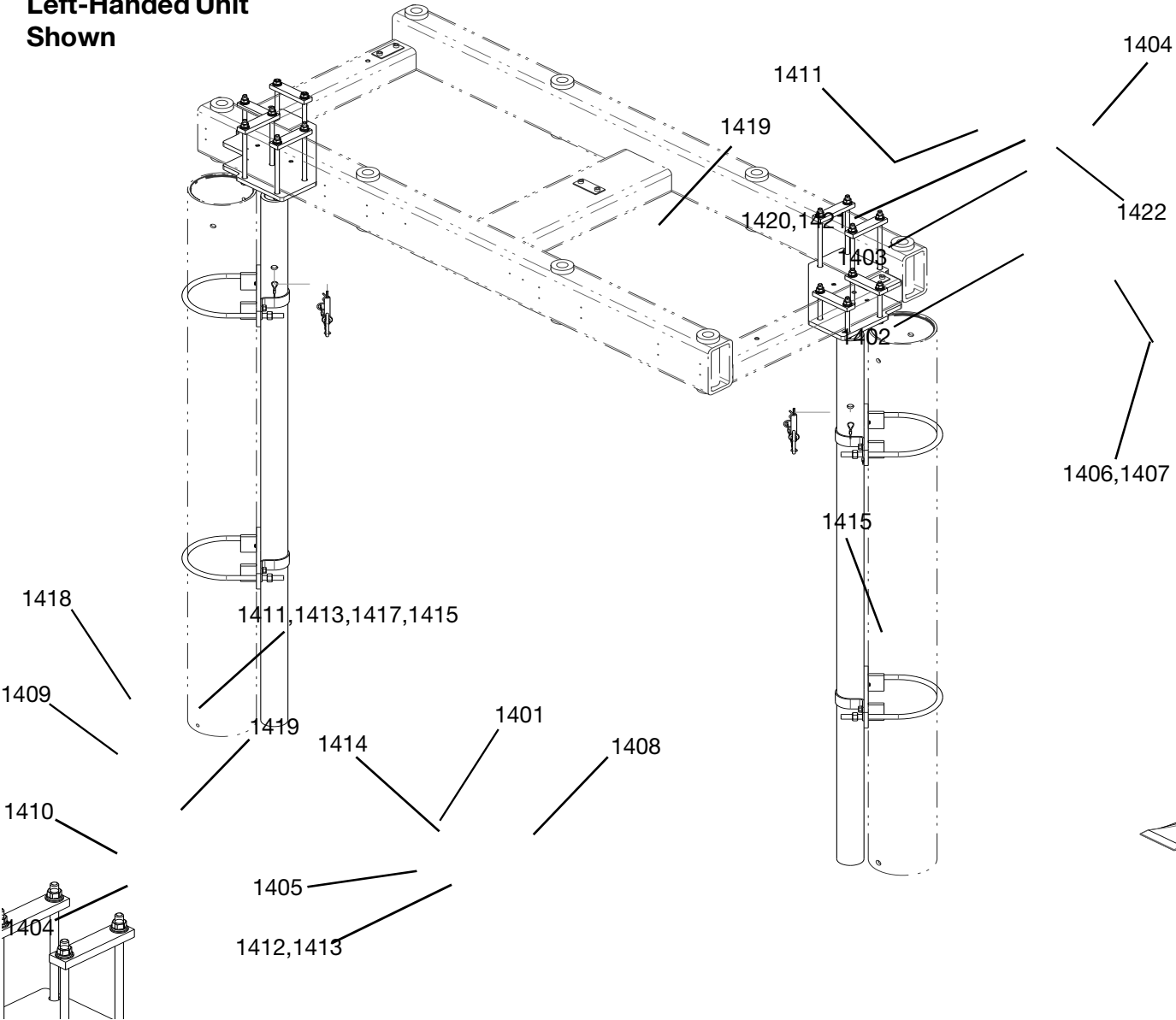


**Safety Pins, 26B772**

| Ref. | Part   | Description                          | Qty. |
|------|--------|--------------------------------------|------|
| 1301 | 26B769 | BRACKET, cylinder support            | 4    |
| 1302 | 18D250 | TUBE, support, outer                 | 2    |
| 1303 | 18D251 | TUBE, support, inner                 | 2    |
| 1304 | 18D249 | PLATE, base, lock out                | 2    |
| 1305 | 133303 | STRAP, pipe, 2 in.                   | 4    |
| 1306 | 16Y456 | PIN, safety, hitch                   | 2    |
| 1307 | 15G945 | CABLE, lanyard, 24 in.               | 2    |
| 1308 | 15G946 | BOLT, U, 1/2 x 8.375                 | 4    |
| 1309 | 133306 | SCREW, HHC                           | 8    |
| 1310 | 123389 | SCREW                                | 8    |
| 1311 | 101971 | WASHER, thrust                       | 32   |
| 1312 | ---    | SCREW, HHC                           | 8    |
| 1313 | 100133 | WASHER, lock, 3/8                    | 24   |
| 1314 | 100018 | WASHER, lock, spring, 1/2            | 8    |
| 1315 | 113500 | ADHESIVE, anaerobic                  | 1    |
| 1317 | 100307 | NUT, hex                             | 16   |
| 1318 | 18D253 | PLATE, mounting, u-bolt, 3/8         | 7    |
| 1319 | 18D254 | PLATE, mounting, u-bolt, 3/8,<br>thk | 1    |
| 1320 | 18D252 | BRACKET, lock out, unidrum           | 2    |
| 1321 | 113802 | SCREW, hex head, flanged             | 4    |
| 1322 | 133305 | PIN, clevis                          | 2    |

# Safety Pin Maintenance Kit, 26B774

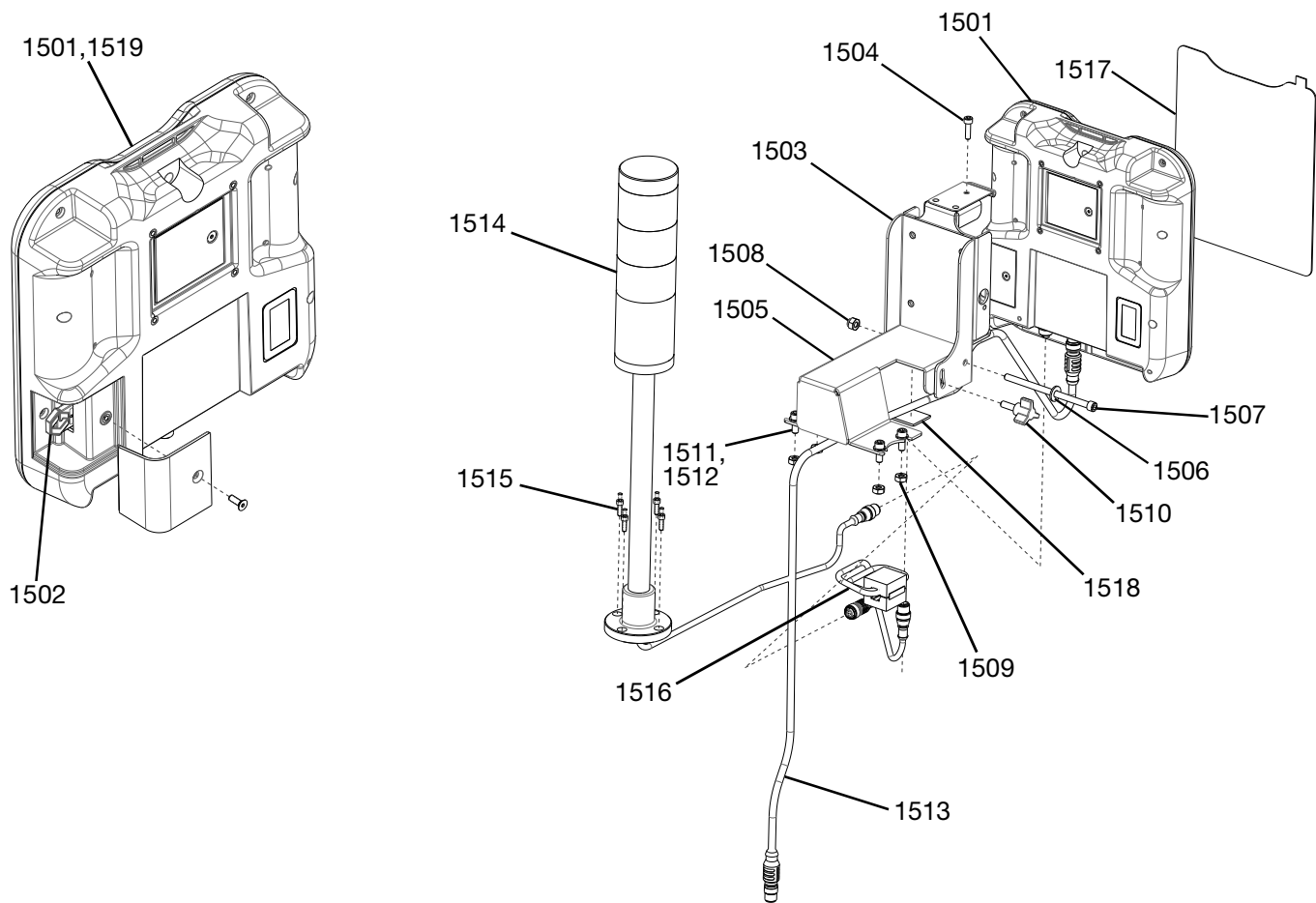
Left-Handed Unit  
Shown



**Safety Pins, 26B774**

| Ref. | Part   | Description                        | Qty. |
|------|--------|------------------------------------|------|
| 1401 | 26B769 | BRACKET, cylinder support          | 4    |
| 1402 | 18D257 | TUBE, support, outer               | 2    |
| 1403 | 18D258 | TUBE, support, inner               | 2    |
| 1404 | 18D249 | PLATE, base, lock out              | 2    |
| 1405 | 133303 | STRAP, pipe, 2 in.                 | 4    |
| 1406 | 16Y456 | PIN, safety, hitch                 | 2    |
| 1407 | 15G945 | CABLE, lanyard, 24 in.             | 2    |
| 1408 | 15G946 | BOLT, U, 1/2 x 8.375               | 4    |
| 1409 | 133306 | SCREW, HHC                         | 8    |
| 1410 | 123389 | SCREW                              | 8    |
| 1411 | 101971 | WASHER, thrust                     | 32   |
| 1412 | ---    | SCREW, HHC                         | 8    |
| 1413 | 100133 | WASHER, lock, 3/8                  | 24   |
| 1414 | 100018 | WASHER, lock, spring, 1/2          | 8    |
| 1415 | 113500 | ADHESIVE, anaerobic                | 1    |
| 1416 | 100307 | NUT, hex                           | 16   |
| 1417 | 18D253 | PLATE, mounting, u-bolt, 3/8       | 7    |
| 1418 | 18D254 | PLATE, mounting, u-bolt, 3/8, thk  | 1    |
| 1419 | 18D252 | BRACKET, lock out, UniDrum         | 2    |
| 1420 | 113802 | SCREW, hex head, flanged           | 4    |
| 1421 | 133305 | PIN, clevis                        | 2    |
| 1422 | 18D256 | PLATE, base, lock out, UniDrum, 1K | 1    |

ADM Light Tower Kit, 26D425

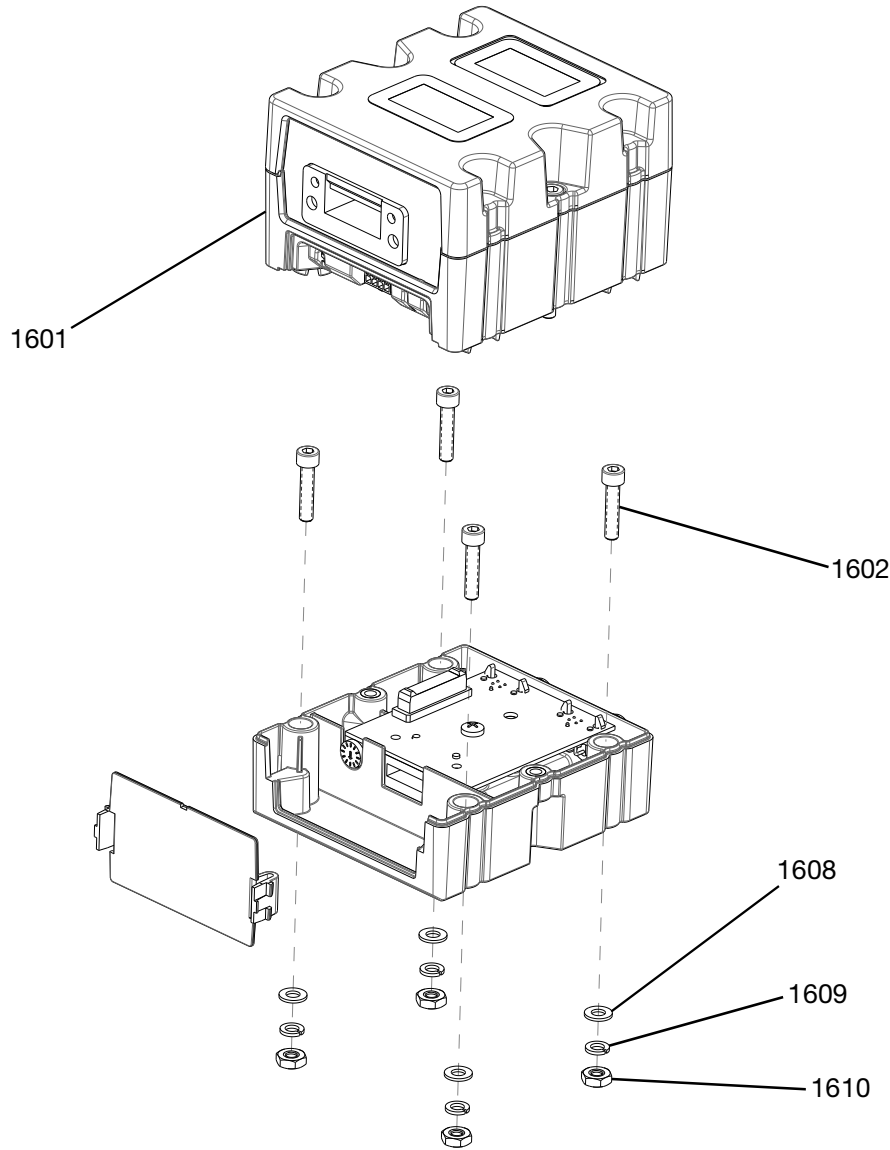


ADM Light Tower Kit, 26D425

| Ref. | Part   | Description                     | Qty. |
|------|--------|---------------------------------|------|
| 1501 | 24E451 | MODULE, GCA, ADM                | 1    |
| 1502 | 15M121 | TOKEN, GCA, key, SFT32, black   | 1    |
| 1503 | 255639 | BRACKET, mounting, assembly     | 1    |
| 1504 | 120904 | SCREW, SHCS, M5 x 0.8 x 18 mm   | 1    |
| 1505 | 255633 | BRACKET, pendant pivot, painted | 1    |
| 1506 | 110755 | WASHER, plain                   | 1    |
| 1507 | 121250 | SCREW, SHCS, 1/4 UNC x 4.25     | 1    |
| 1508 | 102040 | NUT, lock, hex                  | 1    |
| 1509 | 100015 | NUT, hex mscr                   | 4    |
| 1510 | 121253 | KNOB, display adj., ram pkgs    | 1    |
| 1511 | 100016 | WASHER, lock                    | 4    |
| 1512 | 121112 | SCREW, cap, socket head         | 4    |

| Ref. | Part       | Description                       | Qty. |
|------|------------|-----------------------------------|------|
| 1513 | 122487     | CABLE, CAN, male-female, 1.5 m    | 1    |
| 1514 | 255468     | KIT, acc., light tower, tc ram    | 1    |
| 1515 | 112310     | SCREW, cap, SCH                   | 4    |
| 1516 | 122030     | CABLE, GCA, M12-5P                | 1    |
| 1517 | 15V551     | SHIELD, membrane, ADM             | 0.1  |
| 1518 | 84/0805/89 | CABLE, tie mount, 1X1SQW/adhesive | 1    |

# **CGM Kit, 26D426, 26D427, 26D428, and 26D429**



## **CGM Kit, 26D426, 26D427, 26D428, and 26D429**

| Ref. | Part   | Description                    | Qty. |
|------|--------|--------------------------------|------|
| 1601 | CGMEP0 | MODULE, GCA, GATEWAY, ASSM, EP | 1    |
|      | CGMDN0 | MODULE, GCA, GATEWAY, ASSM, DN | 1    |
|      | CGMPN0 | MODULE, GCA, GATEWAY, ASSM, PN | 1    |
|      | CGMPB0 | MODULE, GCA, GATEWAY, ASSM, PB | 1    |
| 1602 | 105209 | SCREW, cap, socket head        | 4    |

| Ref.  | Part   | Description                        | Qty. |
|-------|--------|------------------------------------|------|
| 1603* | 121000 | CABLE, CAN, female / femaile 0.5 m | 1    |
| 1604* | 18D562 | TOKEN, software, GCA, map, uni     | 1    |
| 1606* | 26D432 | FLASH DRIVE, programmed, UniDrum   | 1    |
| 1608  | 116876 | WASHER, flat                       | 4    |
| 1609  | 100020 | WASHER, lock                       | 4    |
| 1610  | 100166 | NUT, full hex                      | 4    |

\* Not shown

## Recommended Spare Parts

### Spare Parts for Pump and Electric Motor

Refer to the appropriate manual listed in **Related Manuals** on page 2.

### Spare Parts for 47:1 and 35:1 E-Flo UniDrum Supply Units

The customer should maintain an inventory of the spare parts (per unit) listed below.

| <b>CST Units</b> | <b>SST Units</b> | <b>Description</b>                         | <b>Qty.</b> |
|------------------|------------------|--------------------------------------------|-------------|
| 515147           | 515147           | AIR REGULATOR                              | 1           |
| V1M350           | V1M350           | RECIRCULATING VALVE KIT, see manual 3A1792 | 2           |
| 102774           | 102774           | LUBRICATOR KIT                             | 1           |
| 918110           | 918110           | AIR CYLINDER KIT                           | 1           |
| 918241           | 918241           | WIPER KIT                                  | 1           |

# Technical Specifications

| E-Flo UniDrum Supply System                         |                                                                                                      |                         |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------|
|                                                     | US                                                                                                   | Metric                  |
| Driver thrust                                       | 4840 lbs                                                                                             | 2195 kg                 |
| Stroke length                                       | 4.75 in.                                                                                             | 120.65 mm               |
| Maximum fluid operating temperature                 | 180°F                                                                                                | 82.3°C                  |
| Maximum driver cycle rate                           | 25 cycles per minute                                                                                 |                         |
| Line voltage (depending on model)                   | 200-240 VAC, 3Ø Delta, 50/60 Hz<br>380-420 VAC, 3Ø, Wye, 50/60 Hz<br>420-480 VAC, 3Ø Delta, 50/60 Hz |                         |
| Compressed air requirement                          | 80 psi (max)                                                                                         | 0.55 MPa, 5.5 bar (max) |
| Main air inlet size                                 | 1/2 in. npt(f)                                                                                       |                         |
| Fluid outlet size                                   | 1-1/4 in. npt(f)                                                                                     |                         |
| Ambient operating temperature range (supply system) | 41-104°F                                                                                             | 5-40°C                  |
| Displacement pump effective area                    | See pump manual. See <b>Related Manuals</b> on page 2.                                               |                         |
| Wetted parts                                        | See pump manual. See <b>Related Manuals</b> on page 2.                                               |                         |
| Full Load Amperage                                  |                                                                                                      |                         |
| 240V systems                                        | 20A                                                                                                  |                         |
| 400V systems                                        | 35A                                                                                                  |                         |
| 480V systems                                        | 10A                                                                                                  |                         |
| Maximum Fluid Working Pressure                      |                                                                                                      |                         |
| 290cc Dura-Flo                                      | 2800 psi (193 bar, 19.3 MPa)                                                                         |                         |
| 430cc Dura-Flo                                      | 1900 psi (131 bar, 13.1 MPa)                                                                         |                         |
| 300 Gallon Supply System Overall Dimensions         |                                                                                                      |                         |
| Width                                               | 85.7 in.                                                                                             | 2177 mm                 |
| Depth                                               | 78.7 in.                                                                                             | 1999 mm                 |
| Height (lowered)                                    | 141.9 in.                                                                                            | 3605 mm                 |
| Height (raised)                                     | 51.9 in.                                                                                             | 1319 mm                 |
| Weight (approximate)                                | 1450 lbs                                                                                             | 1882 kg                 |
| 1000 Liter Supply System Overall Dimensions         |                                                                                                      |                         |
| Width                                               | 98.4 in.                                                                                             | 2500 mm                 |
| Depth                                               | 80.7 in.                                                                                             | 2050 mm                 |
| Height (lowered)                                    | 167 in.                                                                                              | 4242 mm                 |
| Height (raised)                                     | 54.9 in.                                                                                             | 1395 mm                 |
| Weight (approximate)                                | 1450 lbs                                                                                             | 1882 kg                 |
| Noise (dBa)                                         |                                                                                                      |                         |
| Normal operation (dispensing)                       | < 70 dBA                                                                                             |                         |
| Drum change                                         | 102.5 dBA                                                                                            |                         |
| Sound pressure measured per EN ISO-11202:2010       |                                                                                                      |                         |

## California Proposition 65

### CALIFORNIA RESIDENTS

 **WARNING:** Cancer and reproductive harm – [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov).

# Graco Standard Warranty

Graco warrants all equipment referenced in this document which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

This warranty does not cover, and Graco shall not be liable for general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility of Graco equipment with structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

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Graco's sole obligation and buyer's sole remedy for any breach of warranty shall be as set forth above. The buyer agrees that no other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available. Any action for breach of warranty must be brought within two (2) years of the date of sale.

**GRACO MAKES NO WARRANTY, AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IN CONNECTION WITH ACCESSORIES, EQUIPMENT, MATERIALS OR COMPONENTS SOLD BUT NOT MANUFACTURED BY GRACO.** These items sold, but not manufactured by Graco (such as electric motors, switches, hose, etc.), are subject to the warranty, if any, of their manufacturer. Graco will provide purchaser with reasonable assistance in making any claim for breach of these warranties.

In no event will Graco be liable for indirect, incidental, special or consequential damages resulting from Graco supplying equipment hereunder, or the furnishing, performance, or use of any products or other goods sold hereto, whether due to a breach of contract, breach of warranty, the negligence of Graco, or otherwise.

## **FOR GRACO CANADA CUSTOMERS**

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# Graco Information

## Sealant and Adhesive Dispensing Equipment

For the latest information about Graco products, visit [www.graco.com](http://www.graco.com).

For patent information, see [www.graco.com/patents](http://www.graco.com/patents).

**TO PLACE AN ORDER**, contact your Graco distributor, go to [www.graco.com](http://www.graco.com), or call to identify the nearest distributor.

**If calling from the USA:** 1-800-746-1334

**If calling from outside the USA:** 0-1-330-966-3000

*All written and visual data contained in this document reflects the latest product information available at the time of publication.  
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Original instructions. This manual contains English. MM 3A8736

**Graco Headquarters:** Minneapolis

**International Offices:** Belgium, China, Japan, Korea

**GRACO INC. AND SUBSIDIARIES • P.O. BOX 1441 • MINNEAPOLIS MN 55440-1441 • USA**  
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