

Installation and Operation Manual



HydraAIR™



PRGMAN-11
Version: A
January 25, 2024

Congratulations
on your new Paragon purchase

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Safety Notice

This manual is designed to be read in its entirety prior to installation or operation of this product.

Do NOT install or operate prior to reading this manual completely - injury or property damage can occur.

Use adequate protection and safety equipment while performing the steps indicated in this manual.

Protect against hazards involved during the installation and operation of this equipment.

Failure to read this manual completely or heed these warnings could result in serious bodily injury or loss of life.

For equipment covered specifically or indirectly in this operation manual, it is important that all personnel observe the appropriate safety precautions to minimize the risk of injury.

DO NOT....

- Attempt to install equipment with the truck engine running.
- Allow the truck engine to be started while personnel are under the vehicle or working on any equipment.
- Place any body part over any pneumatic (or hydraulic) leak or outlet while the equipment is in operation.
- Engage or disengage driven equipment by hand from under the vehicle while the engine is running.
- Use tools or equipment that are in poor or non-working condition.
- Remove, obscure, cover, or paint over any warning labels .

DO....

- Follow all safety rules and regulations as it applies to the equipment provided.
- Immobilize truck wheels with suitable chocks before working under the truck.
- Block any raised equipment before working on or under the equipment.
- Obtain proper training on tools and equipment that are required.
- Ensure all tools and components are in good working condition.
- Use all tools and equipment for its intended purpose only.
- Repair any leaks promptly.
- Remain a safe distance away from any moving components during operation.

Warnings



NOTICE

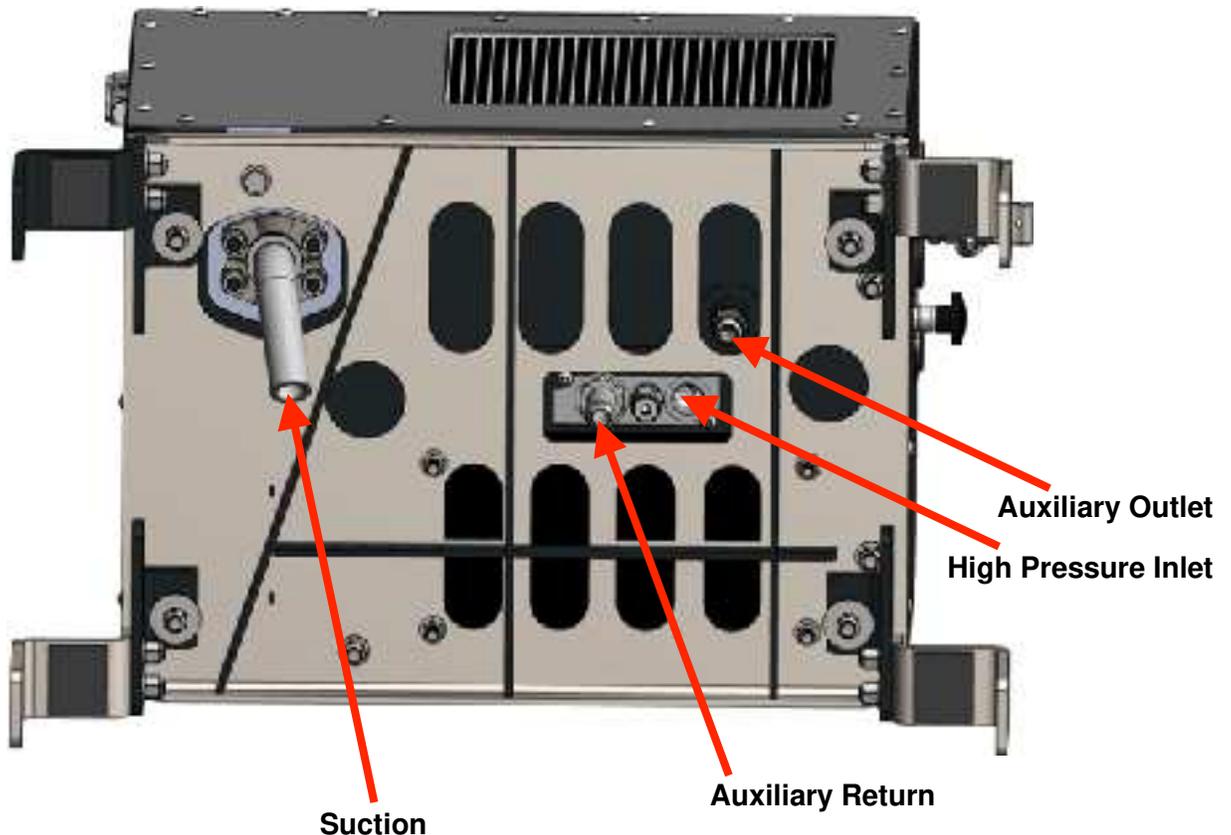
- Safety instruction tags and labels were attached to your unit prior to shipment. **DO NOT** remove, obscure, or cover in any manner
- Failure to heed these warnings could result in serious bodily injury to personnel operating or maintaining this equipment.

Pre-Installation Checklist

CAUTION: It is the installer's responsibility to ensure that the HydraAIR is mounted in a location providing proper clearance from any heat source(s). Paragon recommends 12" from any exhaust opening, 6" from any other heat source(s).

1. Verify that there is no damage to any equipment prior to installation.
2. Verify correct Power Take-Off matches paperwork.
3. Verify correct Hydraulic Pump matches paperwork.
4. Shell Tellus S2 V 32 Non-Foaming Oil (volume is dependent on installation location, typically 5~6 gallons).
5. Pre-plan hydraulic hose routing prior to installation to prevent complications during the installation process.

Fig. 1
HydraAir Port Location



The HydraAIR requires a minimum of 4" clearance from any obstruction or surface.

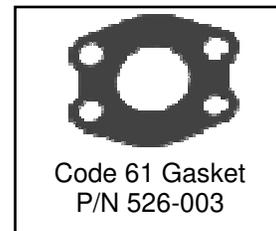
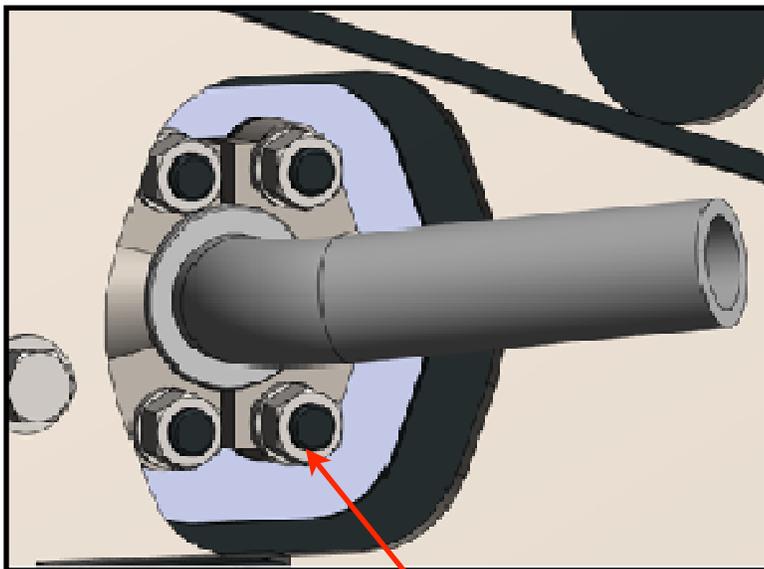
Initial Installation

Power Take Off & Hydraulic Pump

- Mount Power Take-Off, and brace hydraulic pump per manufacturer's instructions.
- Ensure that the female spline of the power take off is filled with grease.
- Mount hydraulic pump to Power Take-Off unit using the fasteners supplied by manufacturer.

Mounting the HydraAIR

Fig. 2 HydraAir Suction Fitting



Note: Up to (2) gaskets can be used per unit as needed.

Ensure both o-ring and gasket are used in the suction connection.

Do Not use power tools to tighten suction fitting.

DO NOT exceed 55 ft-lbs of Torque.

MUST be torqued evenly.

Initial Installation / Continued

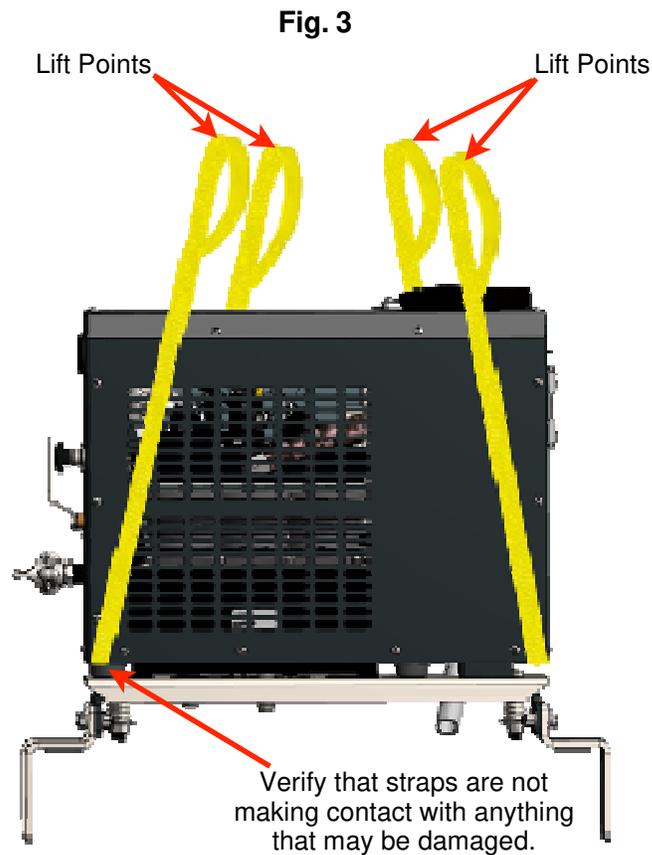
Mounting

1. Lift the HydraAir unit as shown using support straps.

Note: Ensure support straps are secure and clear from any pinch points or crush points prior to lifting.
(See Figure 3)

2. Lower the HydraAIR into place while being mindful of any hose connections or items that may make contact on the bottom of the unit (including the Code 61 suction connection).

DO NOT lower the unit completely at this time.

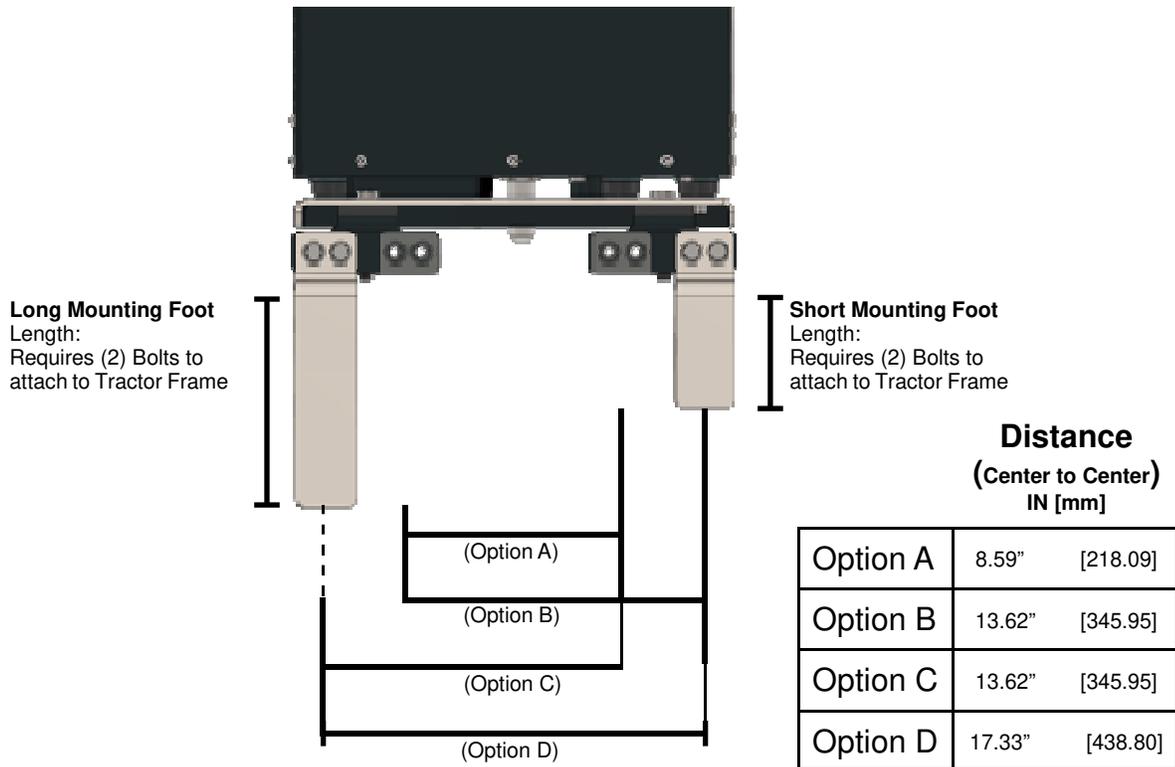


Initial Installation / Continued

Mounting Continued

3. Select the mounting feet (configuration) that will work the best for your installation. (See Figure 4)

Fig. 4



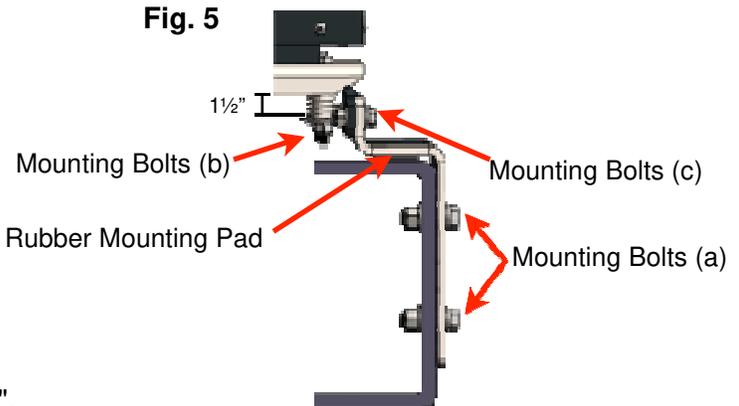
4. Tighten all Mounting Foot bolts at location (c)
5. Lower the HydraAIR completely until the rubber pads contact the frame rail. (See Figure 5)

6. Clamp all (4) mounting feet to the frame rail.
7. Drill bolt holes for mounting location (a)

Note: (2) holes per mounting foot, Minimum 9/16" Grade 5 bolts required

8. Fasten the HydraAIR to the frame
9. Verify the spring at location (b) is compressed to 1-1/2", tighten as needed

Fig. 5



Initial Installation / Continued

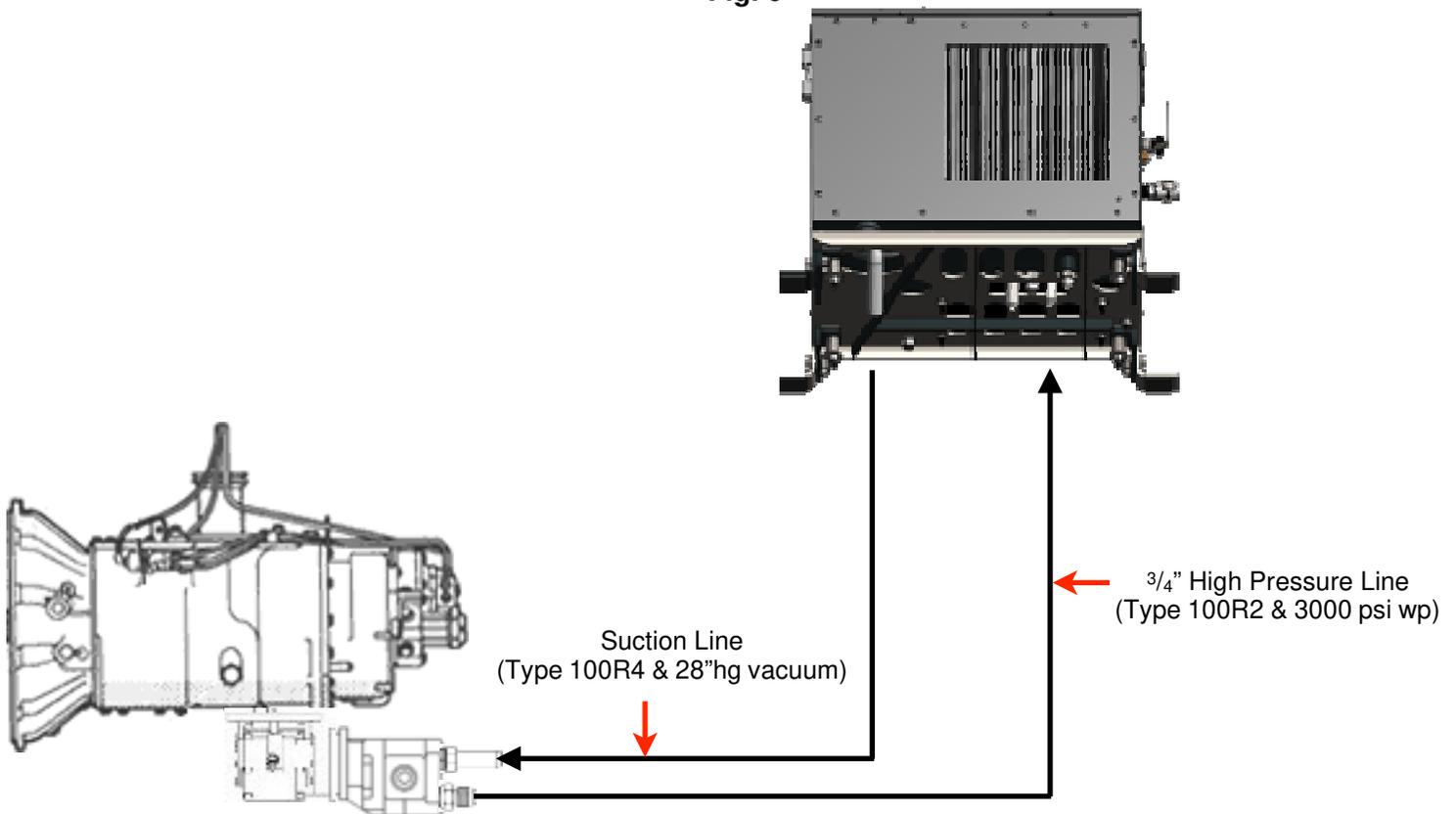
Hydraulic Hoses & Fittings

1. DO NOT use thread tape or pipe dope on hydraulic NPT connections; this will contaminate the hydraulic system. Use a hydraulic sealant for all NPT connections (Loctite number 545 or similar).
2. If high Pressure and Suction hoses are customer supplied, they will need to be measured onsite to fit according to system drawings and installation locations provided.
3. High pressure hoses must have a pressure rating equal or higher than the hydraulic system relief valve setting of 3000 psi.
4. The suction hose must be capable of operating in 28" Hg vacuum service.
5. Verify code Code 61 orientation and torque nuts to 55 ft/lbs.

Note: Do NOT use any type of impacts to tighten the suction connection.

Note: Always double check Power Take-Off / Hydraulic Pump manuals for rotation to determine suction and pressure port location.

Fig. 6



Initial Start Up

Bleeding the Hydraulic System

1. Remove red hydraulic fill cap.
2. Fill HydraAIR with hydraulic fluid until sight glass reaches half way.

Note: Use only Shell Tellus S2 V 32 non-foaming hydraulic oil. (Or equivalent)

Note: It is recommended that the hydraulic oil be filtered while being added. (A clean paint filter will suffice.)

3. Replace fill cap.
4. Push the selector switch “in” to engage the auxiliary circuit.
Note: If the Auxiliary option is being used, it must be connected and allow oil to make a full loop during start-up procedure.
5. Start the truck engine.
6. Engage the PTO. (See PTO Owner’s Manual.)
7. Run for 5 - 10 seconds to eliminate air from the system.
8. Disengage the PTO.
9. Check hydraulic fluid level; fill back to 1/2 way on sight glass. (Repeat steps 6-10 as needed.)
Note: Operate any auxiliary addition to ensure all hydraulic lines are completely filled.
10. Ensure the air valve is in the “Vent” position.
11. Engage the PTO. (See PTO Owner’s Manual.)
12. Pull the selector switch to engage the compressor.
13. Run for 5 - 10 seconds to eliminate air from the system.
14. Disengage PTO.
15. Check hydraulic fluid level; fill back to 1/2 way on sight glass. (Repeat steps 11-15 as needed.)
16. Clean up any spilled oil from the filling process.
17. Check for any signs of leaks. (Address as needed.)
18. Re-check oil level.

Operation

Auxiliary Operation

CAUTION: HydraAIR Auxiliary Out and Return, located on the bottom of the unit or on Feedthrough panel (if installed), must be connected to the receiving equipment or to the bypass line connecting the two (Figure 1) prior to using HydraAir in the AUX (push) position on the selector valve.

1. Ensure all connections are firmly in place.
2. Ensure the Compressor air flow control valve is in the “Vent” position.
3. Push the selector knob in all the way to the “AUX” position.
4. Engage the Power Take-Off (PTO).
5. Once complete, disengage the PTO.

Compressor Operation

1. Connect the air delivery hose to the HydraAir Pneumatic Connection and to the trailer.
2. Ensure the Compressor air flow control valve is in the “Vent” position.
3. Ensure the Selector knob is pulled out to the “Compressor” position.
4. Ensure all connections are firmly in place.
5. Slowly engage the Power Take-Off.
6. Slowly move the air flow control valve to the “Operate” position.
 - **The air flow control valve can be used to bleed off excess pressure and flow; slowly move the valve towards the “Vent” position and back, as desired. Do not exceed tank pressure rating.**
7. When complete with off-load, slowly move the air flow control valve handle back to the “Vent” position and disengage the PTO.

CAUTION: The air delivery line may still be under pressure. Wait for pressure to return to zero.

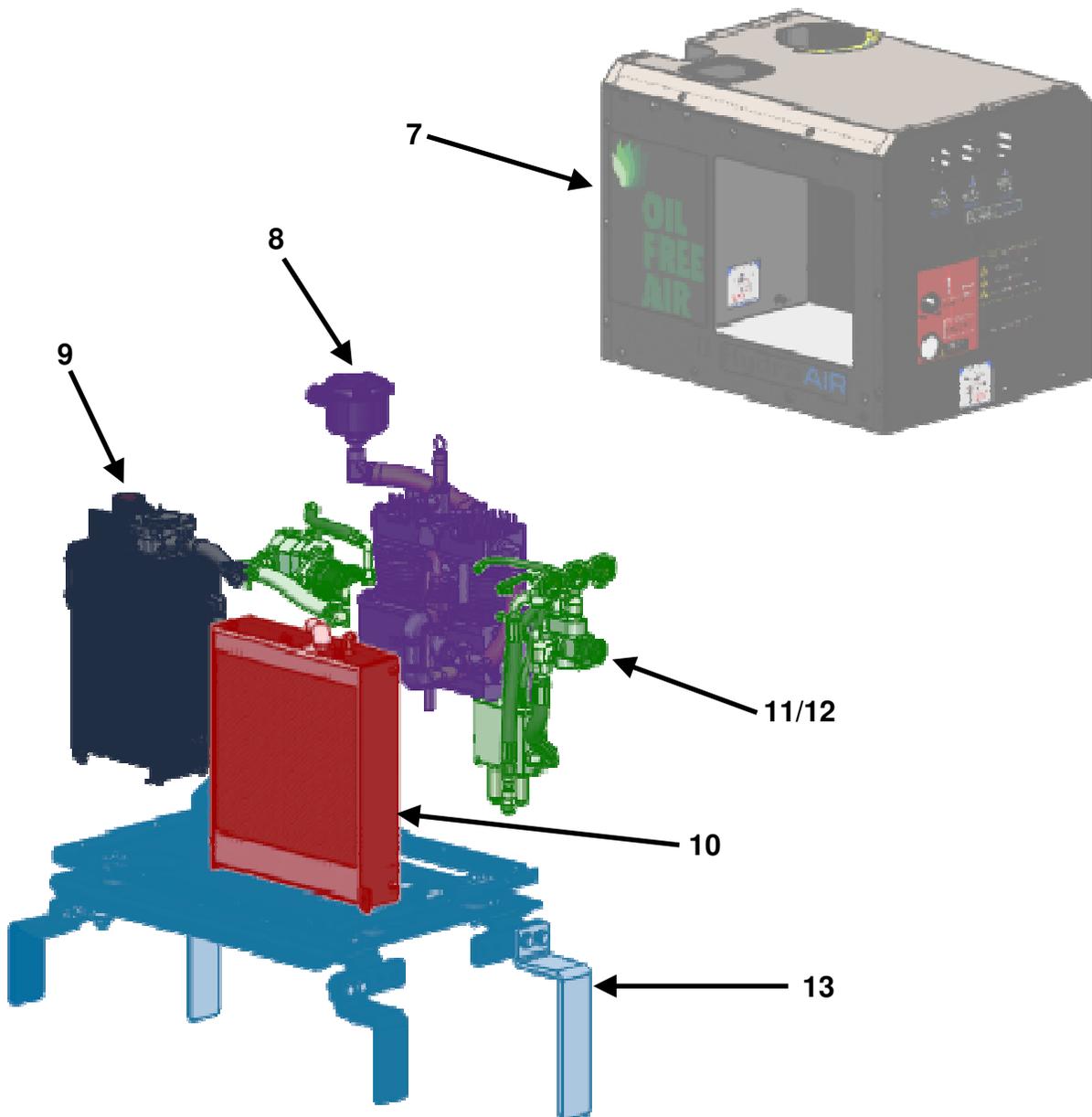
8. Complete the off-load per company policies.
9. Ensure the Power Take-Off is disengaged prior to moving the vehicle.

Maintenance Schedule

| Interval | Item | |
|-----------------|----------------------------|---|
| Daily | Hydraulic System | Check Oil level before operation. ** Correct level is to the center of the sight glass when hydraulic system is cold and not in operation. |
| Weekly | General | Visually inspect the system. (High pressure and suction hose, fittings, and mounting bolts) |
| 3 Months | General | Inspect hydraulic motor couplings for damage, replace as needed. Check torque for mounting bolts (a) and (b). Adjust if required. Check tension of mounting bolt (c). Spring should be compressed to 1-1/2". |
| | Hydraulic System | Hydraulic Oil ** An oil analysis is recommended to determine the lifetime of the oil remaining. |
| | Chemical Pump Maintenance | Lubricate ball bearings. (VP Pump Only) Recommended grease: Mobile Grease XHP 222 |
| 6 Months | Change Air Filter Element. | Part # 575-009 |
| | Hydraulic System | Change Hydraulic Oil Filter. Part # 350-001 - Hyd Filter Std Output (30 gpm models) Part # 350-000 - Hyd Filter High Output (42 gpm models) ** An oil analysis is recommended to determine the lifetime of the oil remaining. |
| | Power Take-Off Unit | Grease the Power Take-Off / Hydraulic Pump Splines. |
| Yearly | General | Check Compressor Relief Valve (part # 510-010) for correct operation. |
| | Pump | Inspect Chemical Pump for wear. (Replace components as needed.) Inspect Hydraulic Pump Splines for wear. |

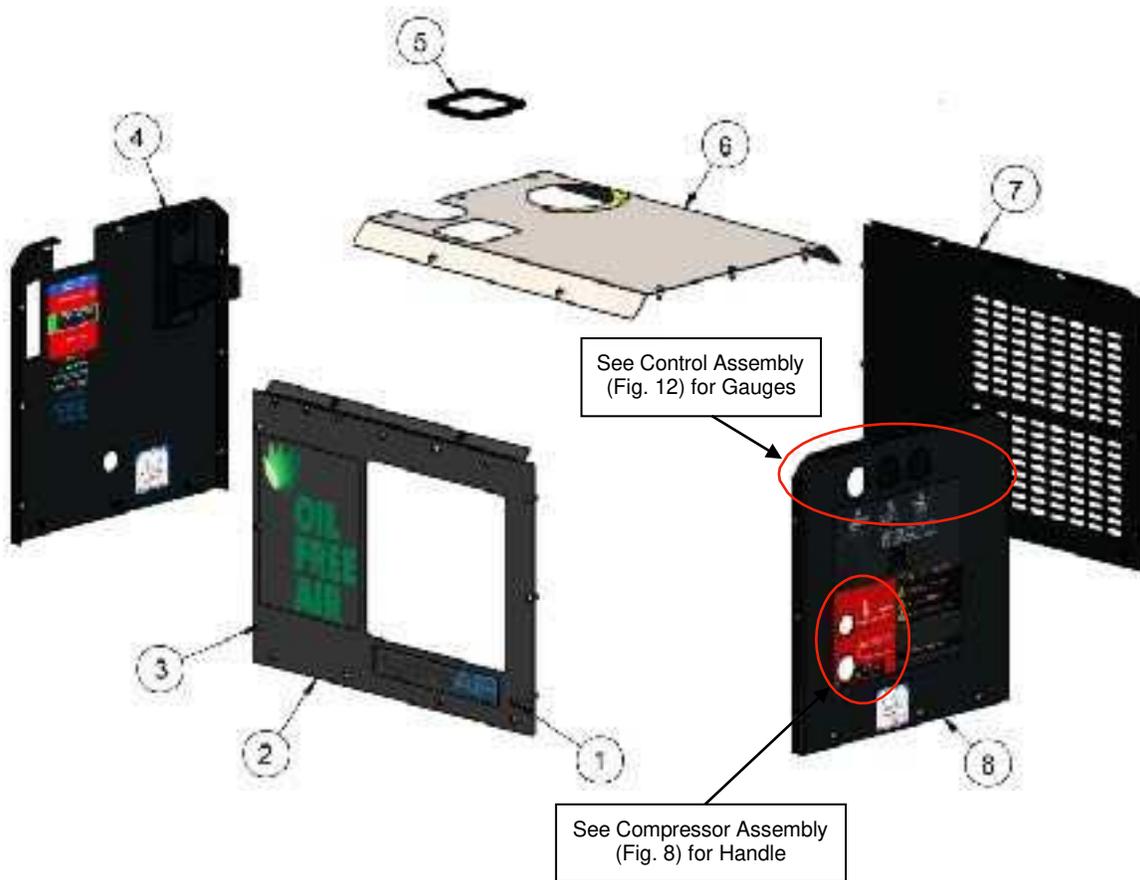
Component Breakdown

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Component Breakdown

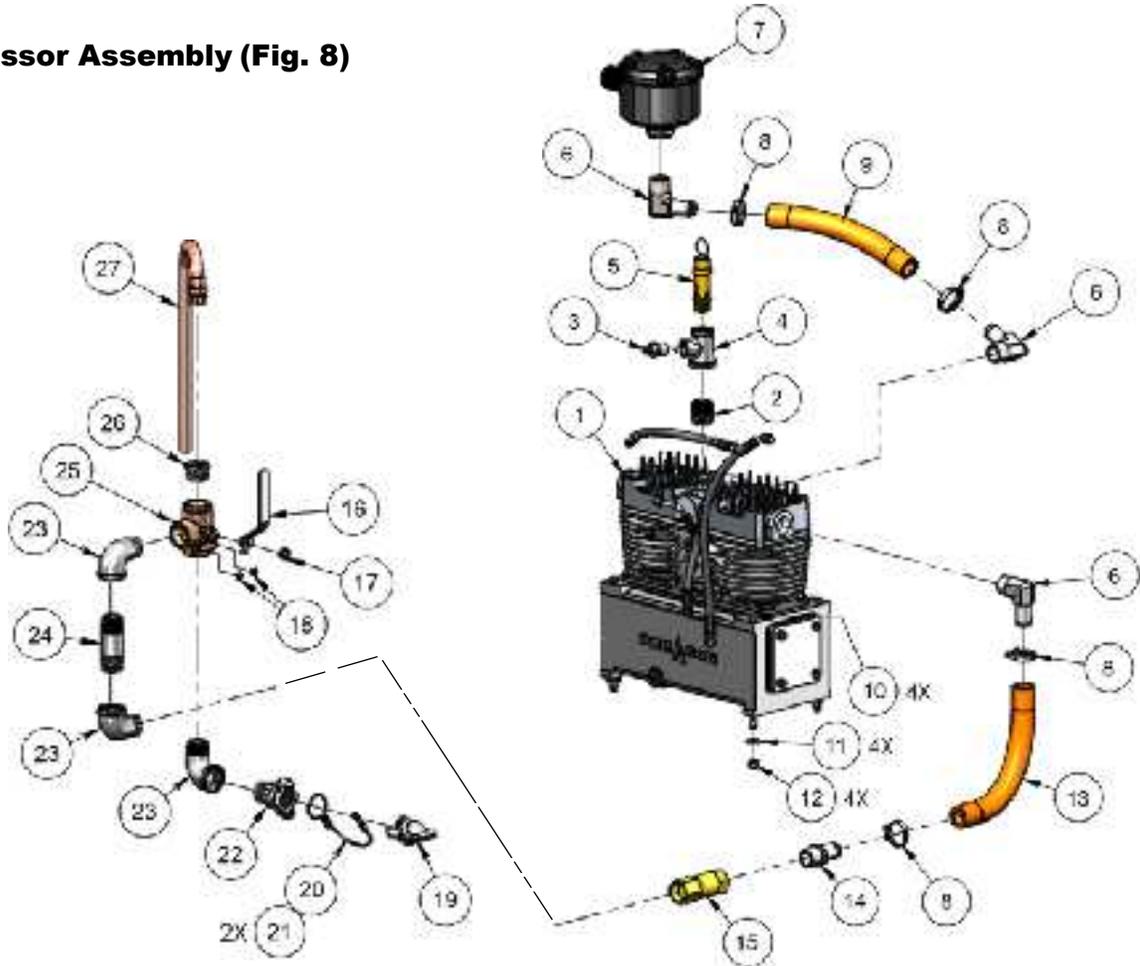
Cover Panel Assembly (Fig. 7)



| Item | Part # | Description | Qty |
|------|---------|-------------------------------------|-----|
| 1 | 214-013 | Capscrew 5/16" x 1" | 1 |
| 2 | 634-177 | Front Panel Assy | 1 |
| 3 | 214-012 | Capscrew 5/16" x 3/4" | 43 |
| 4 | 634-178 | Driver Side Panel Assy | 1 |
| 5 | 521-804 | Filter Grommet | 1 |
| 6 | 634-176 | Top Cover Assy | 1 |
| 7 | 523-034 | Cover - Exhaust Side Panel | 1 |
| 8 | 634-180 | Pass. Side Panel Assy (High Output) | (1) |
| | 634-179 | Pass. Side Panel Assy (Standard) | 1 |

Component Breakdown

Compressor Assembly (Fig. 8)

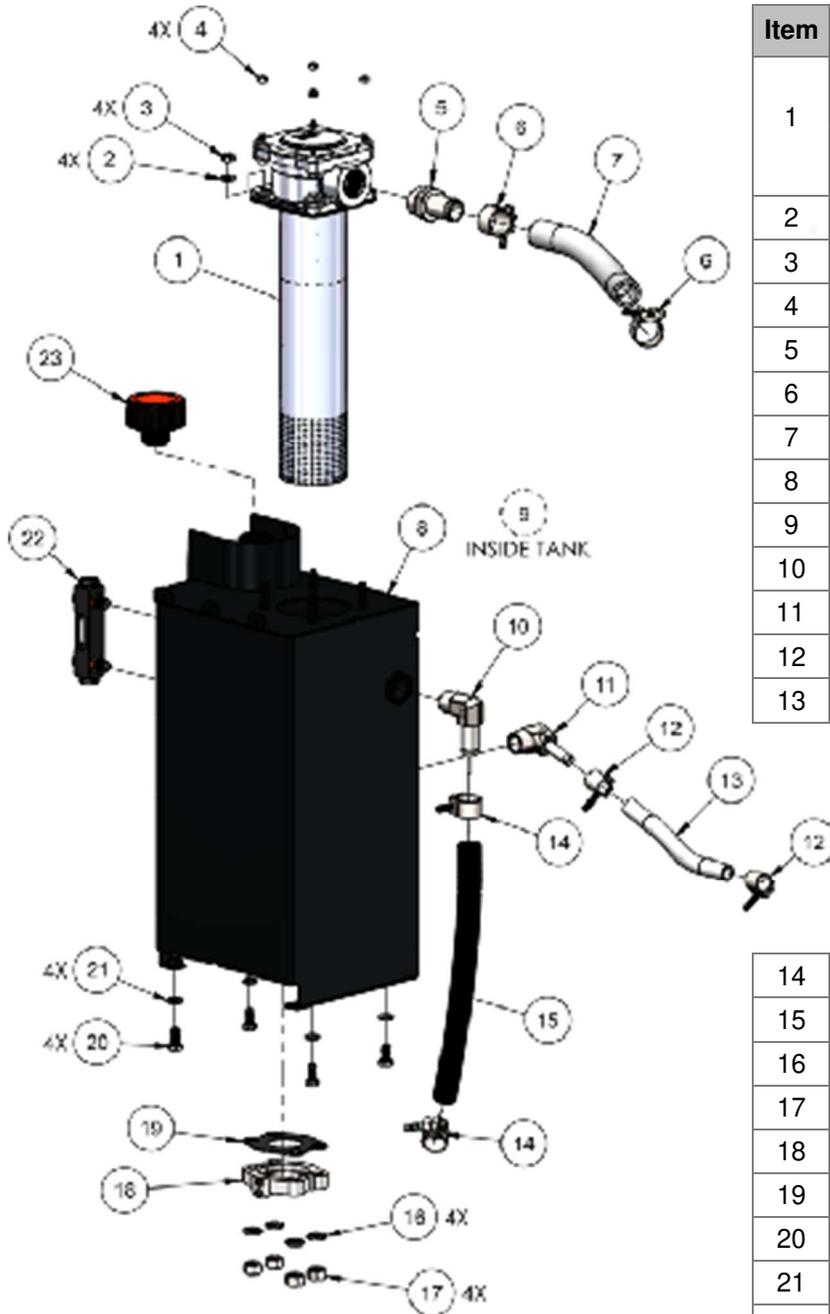


| Item | Part # | Description | Qty |
|------|---------|---|-----|
| 1 | 600-016 | Compressor, Oil Free | 1 |
| 2 | 535-008 | Galvanized Nipped 1" | 1 |
| 3 | 321-010 | Adaptor -8 | 1 |
| 4 | 532-004 | Tee 1" | 1 |
| 5 | 610-010 | Relief Valve 3/4" NPT Male | 1 |
| 6 | 328-011 | Hose Barb Elbow 16NPTM, 90 (Std Output) | 3 |
| | 328-004 | Hose Barb Elbow - 90 Deg. (High Output) | 3 |
| 7 | 625-040 | Filter Assembly | 1 |
| 8 | 85233 | Hose Clamp 1.06" - 1.5" | 4 |
| 9 | 587-017 | 1" Hot Air Hose | 1 |
| 10 | 228-060 | Capscrew 3/8" | 4 |
| 11 | 296-013 | Flat Washer 3/8" | 4 |
| 12 | 284-009 | Hex Nut 3/8" | 1 |
| 13 | 587-016 | Hose 1x30'lg w/ Crimp (Std Output) | 1 |
| | 587-017 | 1" Hot Air Hose (High Output) | 1 |
| 14 | 85227 | Hose Barb -12 (Std Output) | 1 |
| | 327-001 | Hose Barb -16 (High Output) | 1 |

| Item | Part # | Description | Qty |
|------|---------|---|-----|
| 15 | 612-014 | 3/4" Check Valve (Std Output) | 1 |
| | 612-022 | 1" Check Valve (High Output) | 1 |
| 16 | 527-011 | Handle - Air Selector Valve | 1 |
| 17 | 284-011 | Jam Nut 7/16" -20 | 1 |
| 18 | 299-000 | Phillips Screw 10-24 | 2 |
| 19 | 534-002 | Plug | 1 |
| 20 | 582-002 | Wire Rope 1/8" | 1 |
| 21 | 582-003 | Wire Rope Sleeve | 2 |
| 22 | 534-003 | Chicago Fitting 3/4"MNPT (Std Output) | 1 |
| | 534-006 | Chicago Fitting 1"MNPT (High Output) | 1 |
| 23 | 533-026 | 3/4" Street Elbow (Std Output) | 3 |
| | 533-010 | 1" Street Elbow (High Output) | 3 |
| 24 | 535-015 | Nipple 3/4" (Std Output) | 1 |
| | 535-022 | Nipple 1" (High Output) | 1 |
| 25 | 816-005 | Ball Valve 3/4" FNPT (Std Output) | 1 |
| | 816-003 | Ball Valve 1" FNPT (High Output) | 1 |
| 26 | 536-000 | Bushing 1" MNPT x 3/4" FNPT (High Output) | 1 |
| 27 | 828-102 | Tubing Assembly | 1 |

Component Breakdown

Hydraulic Tank Assembly (Fig. 9)



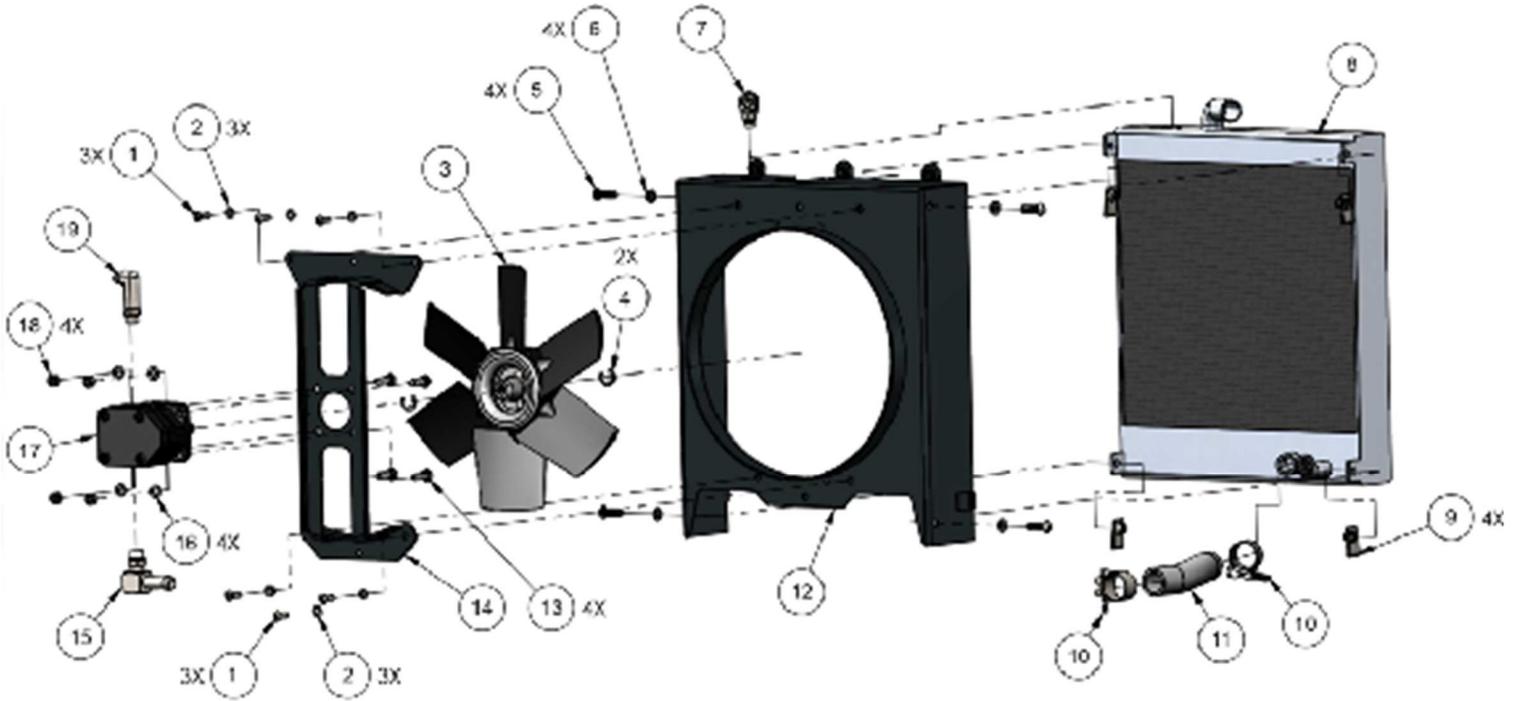
| Item | Part # | Description | Qty |
|------|---------|-----------------------------------|-----|
| 1 | 352-008 | Hyd Filter/Diffuser (Std Output) | 1 |
| | 352-009 | Hyd Filter/Diffuser (High Output) | 1 |
| 2 | 296-004 | Flat Washer 5/16" | 4 |
| 3 | 284-026 | Hex Nut 5/16" | 4 |
| 4 | 184-009 | Nylock Nut M6x1.0 | 4 |
| 5 | 327-011 | Hose Barb Straight -16 | 1 |
| 6 | 313-021 | "T" Clamp -16 | 2 |
| 7 | 85244 | Hyd. Hose - 1" Return | 1 |
| 8 | 500-034 | Body - Oil Tank | 1 |
| 9 | 335-002 | Check Valve | 1 |
| 10 | 328-003 | Hose Barb -12, 90 deg. | 1 |
| 11 | 328-010 | Hose Barb -8, 90 deg. | 1 |
| 12 | 313-017 | "T" Clamp -8 | 2 |
| 13 | 85236 | Fan Motor Return | 1 |

| | | | |
|----|---------|---|---|
| 14 | 313-018 | T" Clamp -12 | 2 |
| 15 | 85243-1 | Hyd Hose - 3/4" | 1 |
| 16 | 294-010 | Lock Washer 1/2" | 4 |
| 17 | 284-000 | Hex Nut 1/2" | 4 |
| 18 | 85213 | Flange - Code 61 (Split) | 2 |
| 19 | 526-003 | Cd 61 Gasket 1-1/2" Buna | 1 |
| 20 | 228-029 | Capscrew 3/8" | 4 |
| 21 | 294-009 | Lock Washer 3/8" | 4 |
| 22 | 355-007 | Hyd Level Gauge 3" w/ Temp and Mtg Hardware | 1 |
| 23 | 359-002 | Hyd Breather Cap | 1 |
| * | 351-004 | Hyd Filter Assy (Std Output) | 1 |
| * | 351-003 | Hyd Filter Assy (High Output) | 1 |

* Not shown

Component Breakdown

Cooler Assembly (Fig. 10)

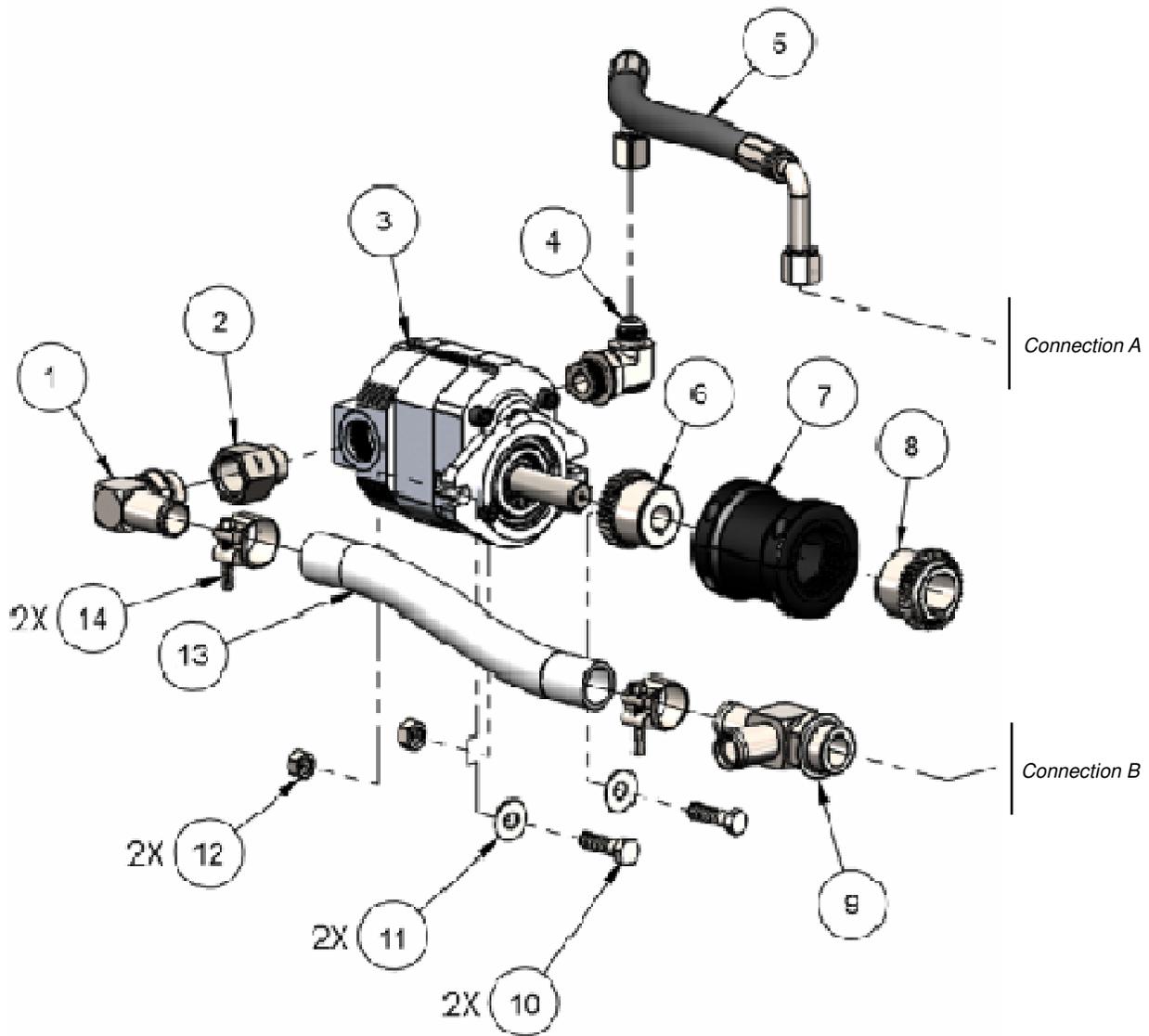


| Item | Part # | Description | Qty |
|------|---------|---------------------------------|-----|
| 1 | 85230 | Capscrew - 1/4-20 | 6 |
| 2 | 294-003 | Washer Lock 1/4" SS | 6 |
| 3 | 507-002 | Fan | 1 |
| 4 | 85258 | Retaining Ring 1/2" - Fan Motor | 2 |
| 5 | 214-013 | Capscrew - 5/16" | 4 |
| 6 | 294-004 | Washer Lock 5/16" SS | 4 |
| 7 | 322-040 | Hyd Elbow -04, 90 deg. | 1 |
| 8 | 370-005 | Hyd Heat Exchanger | 1 |
| 9 | 299-015 | Clip Nut - 5/16" | 4 |
| 10 | 313-021 | Hyd "T" Clamp -16 | 2 |

| Item | Part # | Description | Qty |
|------|---------|---------------------------------|-----|
| 11 | 85244 | Hyd Hose - 1" Return | 1 |
| 12 | 508-101 | Bracket - Heat Exchanger Shroud | 1 |
| 13 | 228-010 | Capscrew - 5/16" | 4 |
| 14 | 508-102 | Bracket - Removable Fan Mount | 1 |
| 15 | 85218 | Elbow Hose Barb 8/6 SAE | 1 |
| 16 | 294-008 | Washer Lock 5/16 Zinc | 4 |
| 17 | 300-007 | Hyd Motor Fan | 1 |
| 18 | 85234 | Nut 5/16" | 4 |
| 19 | 322-026 | Hyd Fan Flow Control | 1 |

Component Breakdown

Control Assembly (Fig. 11)

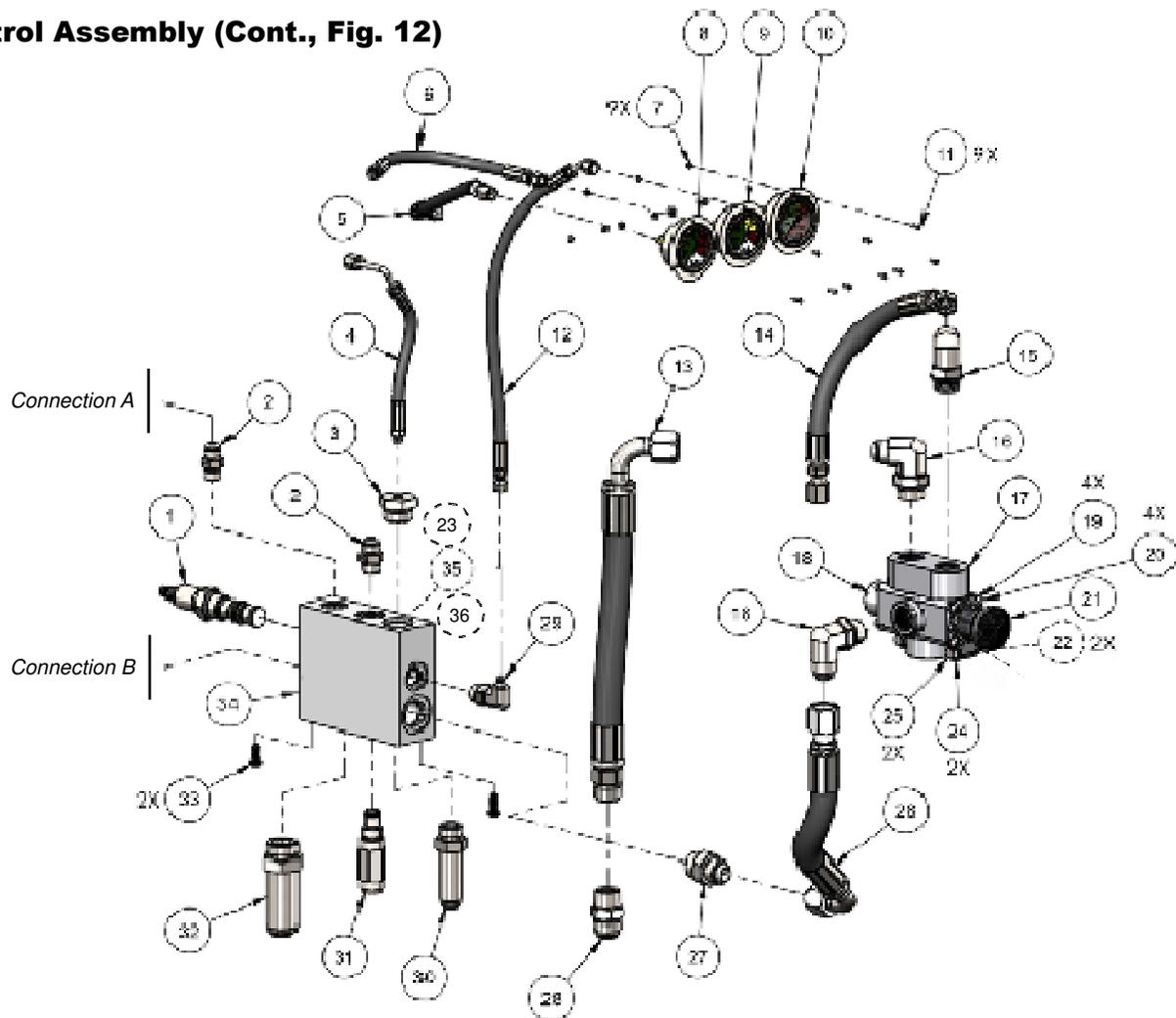


| Item | Part # | Description | Qty |
|------|---------|-----------------------------|-----|
| 1 | 328-005 | Hose Barb Elbow -12/-16 | 1 |
| 2 | 321-080 | Adaptor -12 | 1 |
| 3 | 300-011 | Hyd Motor 1.5ci | 1 |
| 3 | 300-014 | Hyd Motor 1.5ci w/ Fittings | 1 |
| 4 | 322-017 | Elbow -12 SAE | 2 |
| 5 | 361-026 | Hose Assy - Motor Feed | 1 |
| 6 | 562-026 | Coupler Hub w/ 3/16" Key | 1 |
| 7 | 562-029 | Coupler Sleeve Assy | 1 |

| Item | Part # | Description | Qty |
|------|---------|-------------------------|-----|
| 8 | 562-028 | Coupler Hub w/ 1/4" Key | 1 |
| 9 | 329-800 | Hose Barb Tee -16 | 1 |
| 10 | 228-066 | Capscrew 7/16" | 2 |
| 11 | 296-009 | Flat Washer 7/16" | 2 |
| 12 | 284-005 | Hex Nut 7/16" | 2 |
| 13 | 85244 | Hose - 1" Return | 1 |
| 14 | 313-021 | "T" Clamp -16 Hose | 2 |

Component Breakdown

Control Assembly (Cont., Fig. 12)

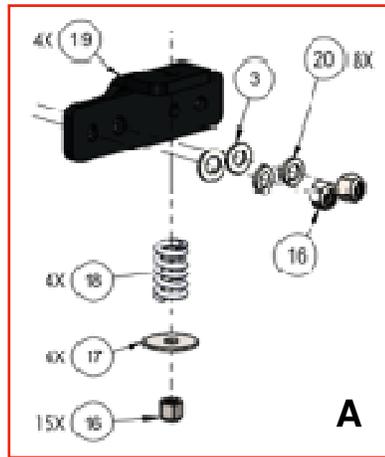


| Item | Part # | Description | Qty |
|------|---------|--------------------------------|-----|
| 1 | 336-002 | Hyd Flow Control (Std Output) | 1 |
| | 336-003 | Hyd Flow Control (High Output) | 1 |
| 2 | 321-031 | Adaptor -8 | 2 |
| 3 | 522-009 | Cap, Block Fan Orifice | 1 |
| 4 | 361-027 | Hose Assy - Fan Feed | 1 |
| 5 | 361-031 | Hose Assy -4 LP | 1 |
| 6 | 361-000 | Hose Assy - Fan Motor Feed | 1 |
| 7 | 284-020 | Hex Nut #4-40 | 9 |
| 8 | 822-006 | Pressure Gauge 0-60 PSI | 1 |
| 9 | 353-001 | Hyd Gauge 60 PSI | 1 |
| 10 | 353-000 | Hyd Gauge 3000 PSI | 1 |
| 11 | 214-000 | Capscrew 3/8" | 9 |
| 12 | 361-003 | Hose Assy -4 HP | 1 |
| 13 | 361-030 | Hose Assy -12 HP | 1 |
| 14 | 361-028 | Hose Assy -8 HP | 1 |
| 15 | 322-017 | Elbow -12 SAE | 2 |
| 16 | 322-011 | Elbow -12 SAE | 2 |
| 17 | 334-009 | Selector Valve | 1 |
| 18 | 524-007 | Rubber Boot Guard | 1 |

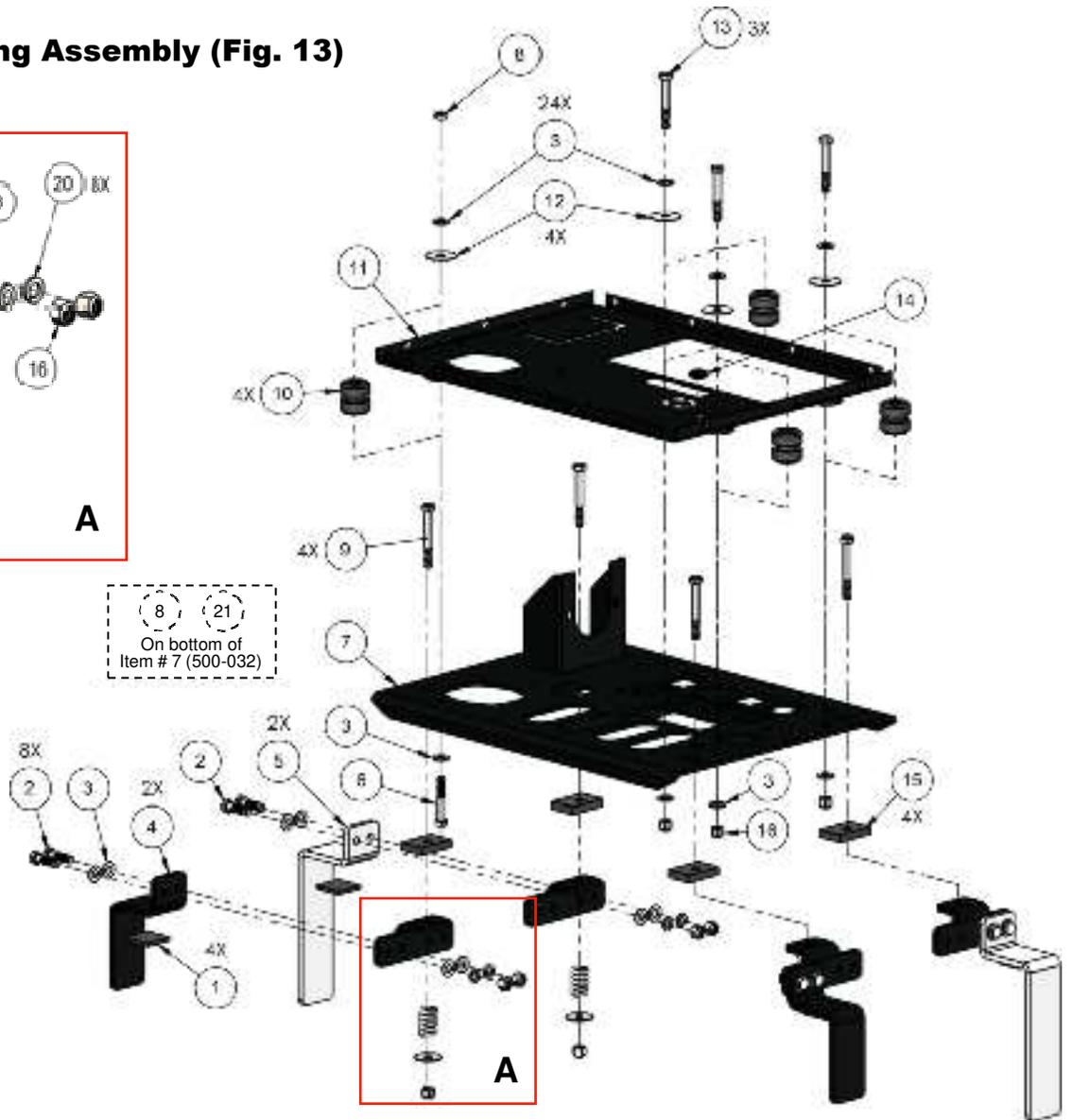
| Item | Part # | Description | Qty |
|------|---------|---------------------------------|-----|
| 19 | 294-003 | Lock Washer 1/4" | 4 |
| 20 | 214-001 | Capscrew 1/4" | 4 |
| 21 | 527-028 | Manual Selector Knob | 1 |
| 22 | 284-026 | Hex Nut 5/16" | 2 |
| 22 | 294-008 | Lock Washer 5/16" | 2 |
| 23 | 521-022 | O-ring - Orifice Filter Cap | 1 |
| 24 | 296-004 | Washer 5/16" | 2 |
| 25 | 228-011 | Capscrew 5/16" | 2 |
| 26 | 361-029 | Hose Assy -12 HP | 1 |
| 27 | 321-016 | Adaptor -12 JICM | 1 |
| 28 | 321-006 | Adaptor -12 JICM | 1 |
| 29 | 322-023 | Elbow | 1 |
| 30 | 321-052 | Adaptor -12SAE | 1 |
| | 85257 | Relieve Valve - 2500 PSI | 1 |
| 31 | 85304 | Relieve Valve - 3000 PSI | 1 |
| 32 | 321-085 | Adaptor -16 SAE | 1 |
| 33 | 214-012 | Capscrew 5/16" | 2 |
| 34 | 362-006 | Hyd Control Block | 1 |
| 35 | 580-015 | Spring - Fan Orifice Filter | 1 |
| 36 | 350-007 | Filter Element - Orifice Filter | 1 |

Component Breakdown

HydraAIR Mounting Assembly (Fig. 13)



8 21
On bottom of
Item # 7 (500-032)



| Item | Part # | Description | Qty |
|------|---------|--------------------------------|-----|
| 1 | 571-074 | Rubber Damper Pad | 4 |
| 2 | 228-071 | Capscrew | 8 |
| 3 | 296-011 | Flat Washer | 24 |
| 4 | 508-100 | Bracket - Lower Mounting | 2 |
| 5 | 508-104 | Bracket - Lower Mounting, Long | 2 |
| 6 | 228-079 | Capscrew | 1 |
| 7 | 500-032 | Body Mainframe | 1 |
| 8 | 284-016 | Hex Nut | 1 |
| 9 | 228-082 | Capscrew | 4 |
| 10 | 571-077 | Rubber Isolation Mount | 4 |
| 11 | 523-030 | Cover - Bottom Panel | 1 |

| Item | Part # | Description | Qty |
|------|---------|------------------------------|-----|
| 12 | 296-019 | Flat Washer | 4 |
| 13 | 228-081 | Capscrew | 3 |
| 14 | 521-813 | Grommet - Vent Tube Outlet | 1 |
| 15 | 571-078 | Rubber Pad - Isolation Mount | 4 |
| 16 | 284-014 | Nylock Nut | 15 |
| 17 | 296-018 | Flat Washer | 4 |
| 18 | 580-016 | Mounting Spring | 4 |
| 19 | 508-099 | Bracket - Upper Mounting | 4 |
| 20 | 294-010 | Lock Washer | 8 |
| 21 | 537-047 | Label - Port Identification | 1 |

Warranty

Subject to the terms and conditions hereinafter set forth in General Terms of Sale, Paragon Tank Truck Equipment LLC (the Seller) warrants products and parts of its manufacturer, when shipped and its work (including installation and start-up) when performed, will be of good quality and will be free from defects in material and workmanship. This warranty applies only to Seller's equipment, under use and service of products, for a period as stated in the table below. Due to the varying condition of installation and operation, all performances claims are subject to a plus or minus 5% variation. (Non-standard materials are subject to a plus or minus 10% variation)

THIS WARRANTY EXTENDS ONLY TO BUYER AND/OR ORIGINAL END USER, AND IN NO EVENT SHALL THE SELLER BE LIABLE FOR THE PROPERTY DAMAGE SUSTAINED BY A PERSON DESIGNED BY THE LAW OF ANY JURISDICTION AS A THIRD PARTY BENEFICIARY OF THIS WARRANTY OR ANY OTHER WARRANTY HELD TO SURVIVE SELLER'S DISCLAIMER.

All accessories furnished by seller but manufactured by others bear only that manufacturer's standard warranty.

All claims for defective products, parts, or work under this warranty must be made in writing immediately upon discovery and, in any event within one year from the date of the shipment of the applicable item and all claims for defective work must be made in writing immediately upon discovery and in any event within one year from date of completion thereof by Seller. Unless done with prior written consent of Seller, any repairs, alterations, or disassembly of Seller's inspection and warranty. Installation and transportation costs are not included and defective items must be held for Seller's inspection and warranty. Installation and transportation costs are not included and defective items must be held for Seller's inspection and returned to Seller's Ex-works upon request.

THERE ARE NO WARRANTIES, EXPRESSED, IMPLIED, OR STATUTORY WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS OF PURPOSE.

After Buyer's submission of claim as provided above and its approval, Seller shall either repair or replace its product, part, or work at the original Ex-works point of shipment, or refund an equitable portion of the purchase price.

The products and parts sold hereunder are not warranted for operation with erosive or corrosive materials or those which may lead to build up of materials within the product supplied, nor those which are incompatible with the materials of construction. The Buyer shall have no claim whatsoever and no product or part shall be deemed to be defective by reason of failure to resist erosive or corrosive action nor for problems resulting from build-up of material within the unit nor for problems due to incompatibility with the materials of construction.

| Product Type | Warranty Duration |
|----------------|---|
| New | 18 months from date of shipment, or 12 months after initial startup date, whichever occurs first. |
| Remanufactured | 12 months from date of shipment, or 12 months after initial startup date, whichever occurs first. |
| Repair | 12 month from date of shipment, or remaining warranty period, whichever is greater. |

Any improper use, operation beyond capacity, substitute of parts not approved by Seller, or any alteration or repair by others in such manner as in Seller's judgement affects the product materially and adversely shall void this warranty.

No employee or representative of Seller other than an Officer of the Company is authorized to change this warranty in any way or grant other warranty. Any such change by an Officer of the Company must be in writing.

The foregoing is Seller's only obligation and buyer's only remedy for breach of warranty, and except for gross negligence, willful misconduct and remedies permitted under the General Terms of Sale in the sections on **CONTRACT PERFORMANCE, INSPECTION AND ACCEPTANCE**, and the **PATENTS CLAUSE** hereof, the forgoing is **BUYER'S ONLY REMEDY HEREUNDER BY WAY OF BREACH OF CONTRACT TORT OR OTHERWISE, WITHOUT REGARD TO WORK WHETHER ANY DEFECT WAS DISCOVERED OR LATENT AT THE TIME OF DELIVERY OF THE PRODUCT OR WORK**. In no event shall Buyer be entitled to incidental or consequential damages. Any action for breach of this agreement must commerce within one year after the cause of action has occurred.

Paragon Tank Truck Equipment LLC.
www.paragondirect.com