

INSTRUCTIONS – PARTS LIST

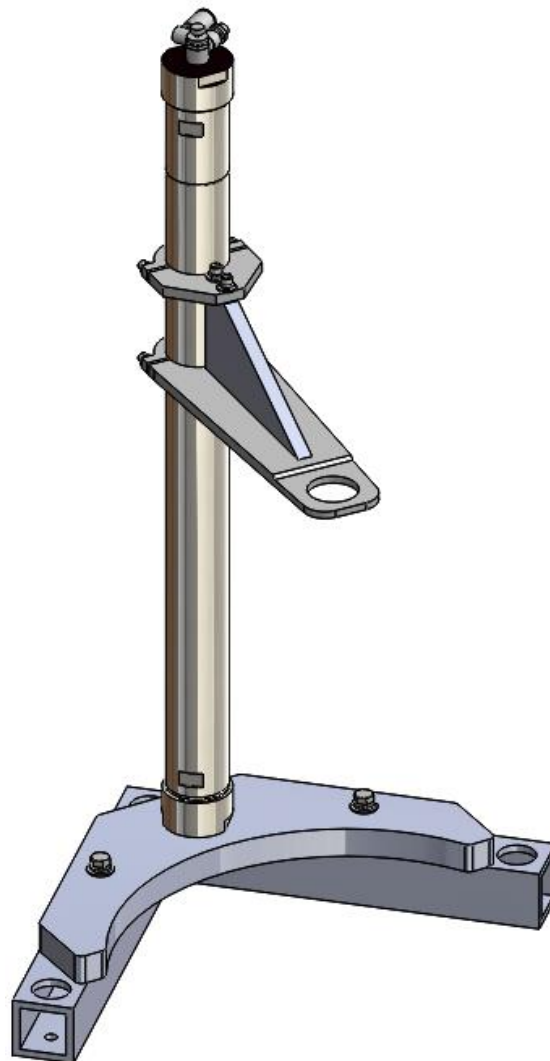
INSTRUCTIONS!

This manual contains important warnings and information.
READ AND KEEP FOR REFERENCE.



5 Gallon Pressure Tank Lift System

(3099-PREV-000) – 5 Gallon Pressure Tank Lift System



AUTOQUIP, INC.

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Symbols

Warning Symbol



This symbol alerts you to the possibility of serious injury or death if you do not follow the instructions.

Caution Symbol



This symbol alerts you to the possibility of damage to or destruction of equipment if you do not follow the instructions.

WARNING

EQUIPMENT MISUSE HAZARD

Equipment misuse can cause the equipment to rupture or malfunction and result in serious injury.

- This equipment is for professional use only.
- Read all instruction manuals, tags, and labels before operating the equipment.
- Use the equipment only for its intended purpose. If you are not sure, call your Autoquip distributor.
- Do not alter or modify this equipment. Use only genuine Autoquip parts.
- Check equipment daily. Repair or replace worn or damaged parts immediately.
- Use fluids and solvents that are compatible with the equipment wetted parts. Refer to the **Technical Data** section of all equipment manuals. Read the fluid and solvent manufacturer's warnings.
- Always wear protective eyewear, gloves, clothing, and respirator as recommended by the fluid and solvent manufacturer.
- Comply with all applicable local, state, and national fire, electrical, and safety regulations.

WARNING

FIRE AND EXPLOSION HAZARD

Improper grounding, poor ventilation, open flames, or sparks can cause a hazardous condition and result in a fire or explosion and serious injury.

- Ground the equipment and the object being sprayed. . Refer to **Grounding** on page 5
- If there is any static sparking or you feel an electric shock while using the equipment, **stop spraying immediately**. Do not use the equipment until you identify and correct the problem.
- Do not use 1,1,1-trichloroethane, methylene chloride, other Halogenated hydrocarbon solvents, or fluids containing such solvents in aluminum components. Such use could result in a serious chemical reaction, with the possibility of explosion.
- Do not use kerosene or other flammable solvents or combustible gases to flush the unit.
- Provide fresh ventilation to avoid the buildup of flammable fumes from solvents or the fluid being sprayed.
- Keep the spray area free of debris, including solvent, rags, and gasoline.
- Before operating this equipment, electrically disconnect all equipment in the spray area.
- Before operating this equipment, extinguish all open flames or pilot lights in the spray area.
- Do not smoke in the spray area.
- Do not turn on or off any light switch in the spray area while spraying or while there any fumes in the air.
- Do not operate a gasoline engine in the spray area.

MOVING PARTS HAZARD

Moving parts, such as the rotating blades of the agitator, can pinch or amputate your fingers or other body parts and can cause splashing in the eyes or on the skin.

- Keep clear of all moving parts when starting or operating the agitator.
- Always shut off the agitator and disconnect the air or electric power line before adjusting the angle of the agitator, removing the agitator from the drum or tank, or checking or repairing any part of the agitator.

HAZARDOUS VAPORS

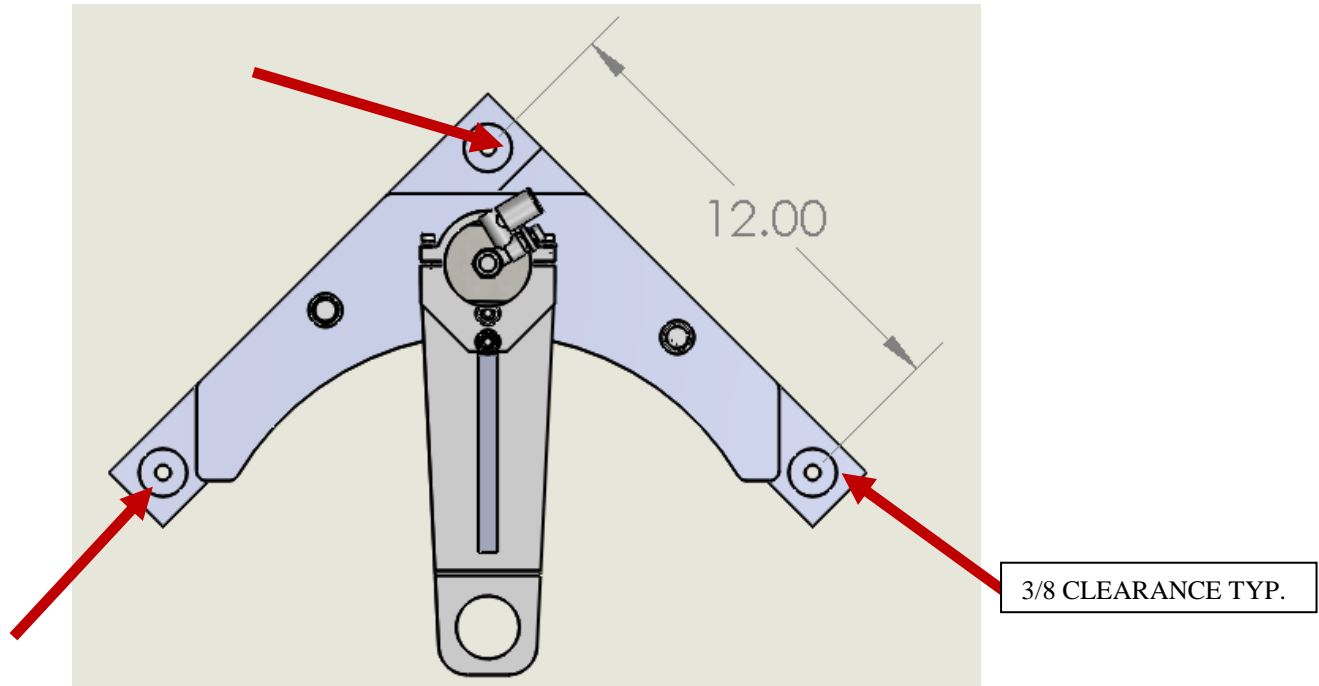
Hazardous fluids or toxic fumes from solvents or other chemicals can cause serious injury or death if splashed in the eyes or on the skin, swallowed, or inhaled. When flushing the air motor, keep your face away from the exhaust port. When handling hazardous materials, proper eye and skin protection should be worn.

United States Government safety standards have been adopted under the Occupational Safety and Health Act. You should consult these standards – particularly the General Standards, Part 1910, and the Construction Standards, Part 1926.

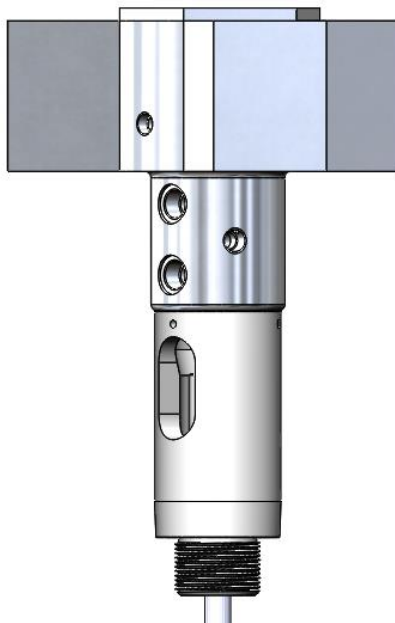
Installation

1. Bolt base to a leveled floor securely using the three (3/8") clearance mounting holes. The unit needs to be stable and leveled in order for lift and agitator functions to work properly.

Note: Improper Installation may cause lift system to work inefficiently.

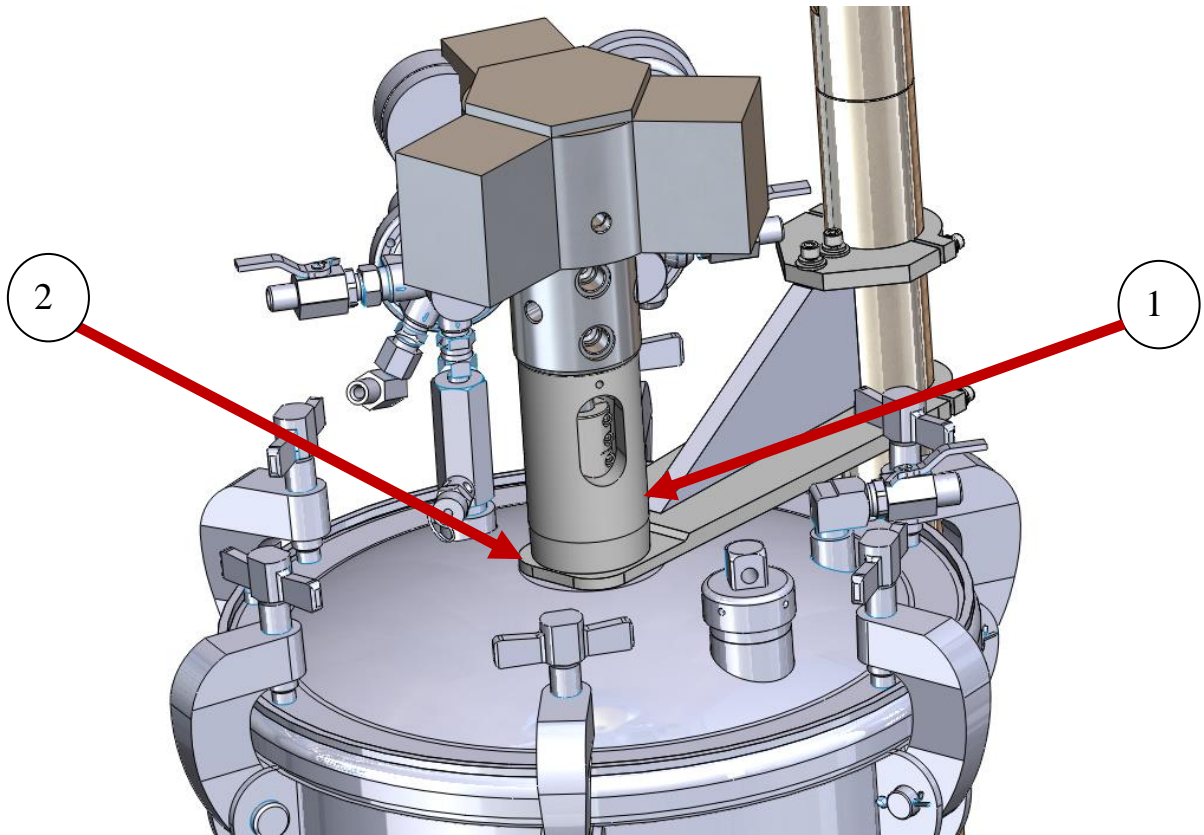


2. Remove agitator mount and air motor, If equipped, from pressure pot lid.



3. Position pressure pot so that adapter is free of any clamps, fittings, etc. Insert (1) motor mount adapter into bore of (2) pressure pot lift adapter. Fasten motor mount adapter to lid of pressure pot. Make sure all fittings are clearance free and serviceable before concluding installation.

Note: Ensure o-rings are installed on motor mount and pressure pot lift adapter for proper tank sealing.



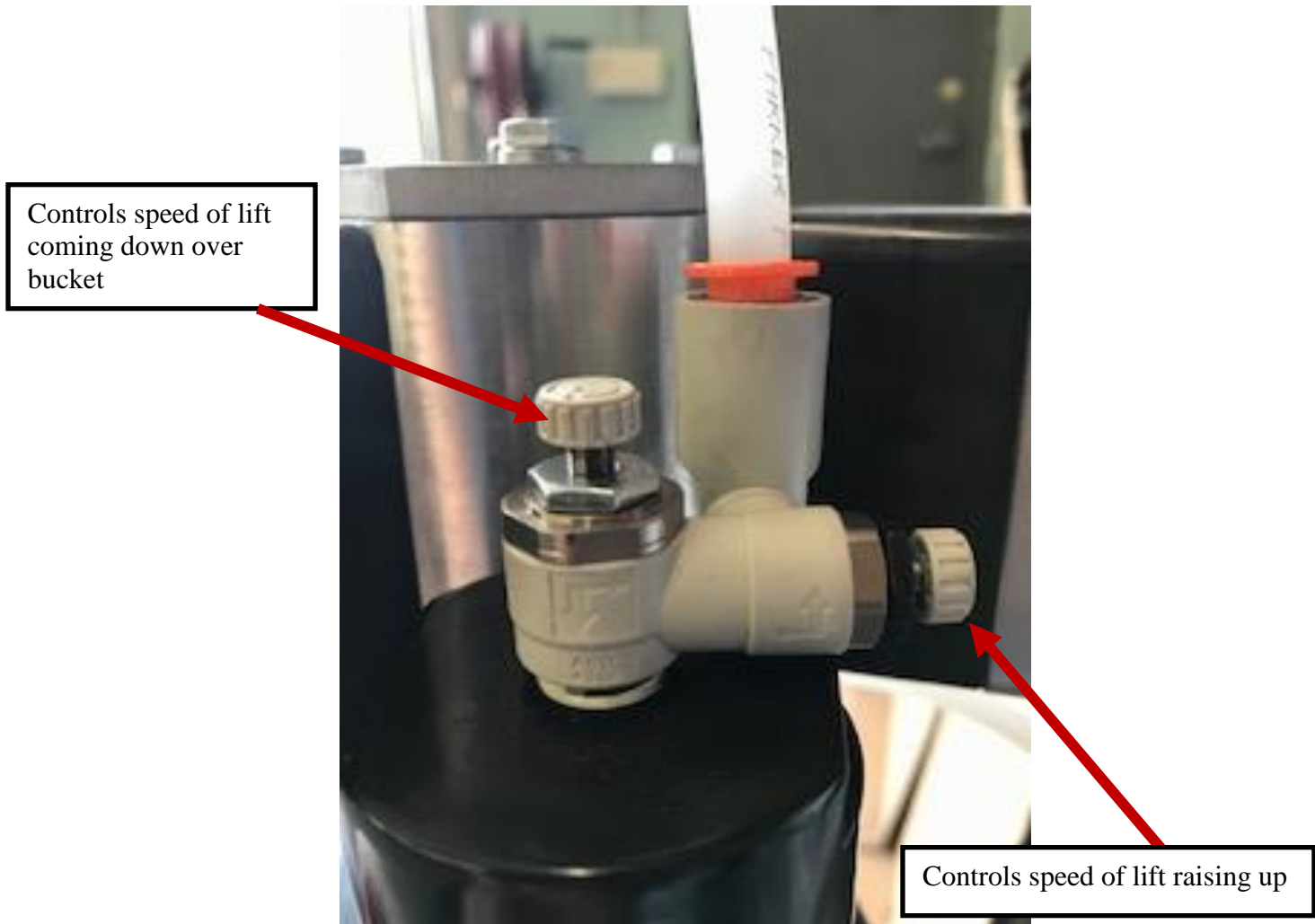
4. Install the provided ground wire to the lift system. The ¼" ring terminal should be attached to the lift, and the c-clamp should be attached to a ground bar.



Operation

Lift System Operation

The lift speed control fitting on the main lift air tube can be adjusted to modify the rate at which the lift moves upward and releases the air to go downward. The lift speed control fitting has been pre-set for suggested air tube speeds.

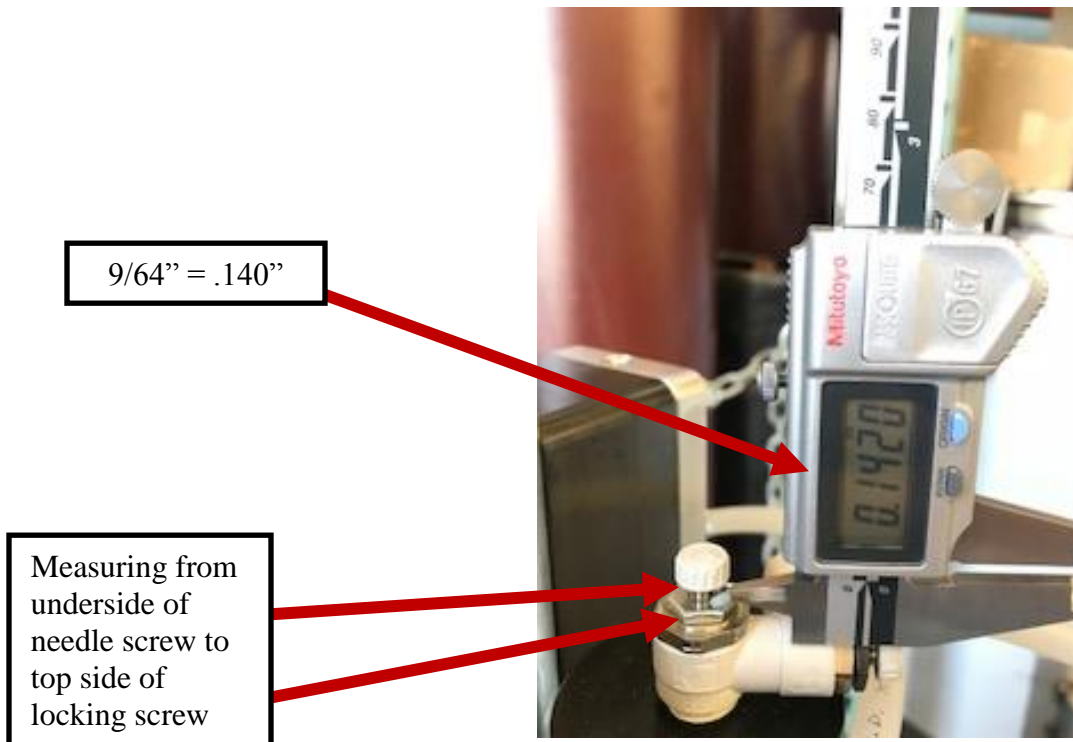


WARNING

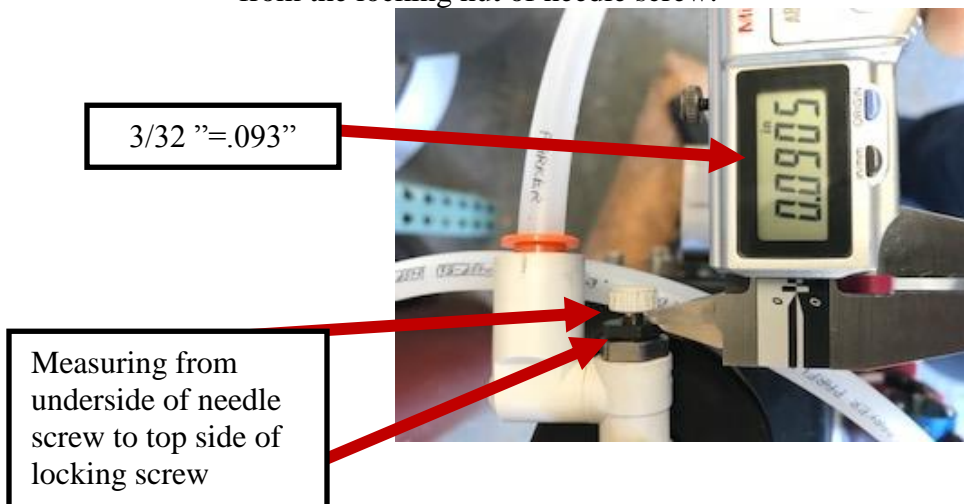
Before raising the lift to its upward position, ensure that the agitator of the pressure tank, if equipped, is not running while the lift system is in operation. Autoquip recommends disconnecting air from the agitator before connecting air to the lift system to ensure injury or damage to equipment does not occur.

AQ Recommended Lift System Speed Adjustment

- 1) The bottom side of the needle screw that controls the speed of downward motion should be about $9/64''$ from the locking nut of needle screw.



- 2) The needle screw that controls the speed of upward motion should be about $3/32''$ from the locking nut of needle screw.



Recommended Maintenance Schedule

Lift System Maintenance – Recommended parts to be replaced annually

-AQ Pressure Pot Lift Lid Teflon O-ring *Part#:* 3099-PREV-106

-AQ Lift Speed Control Air Fitting *Part #:* 3099-0520-601

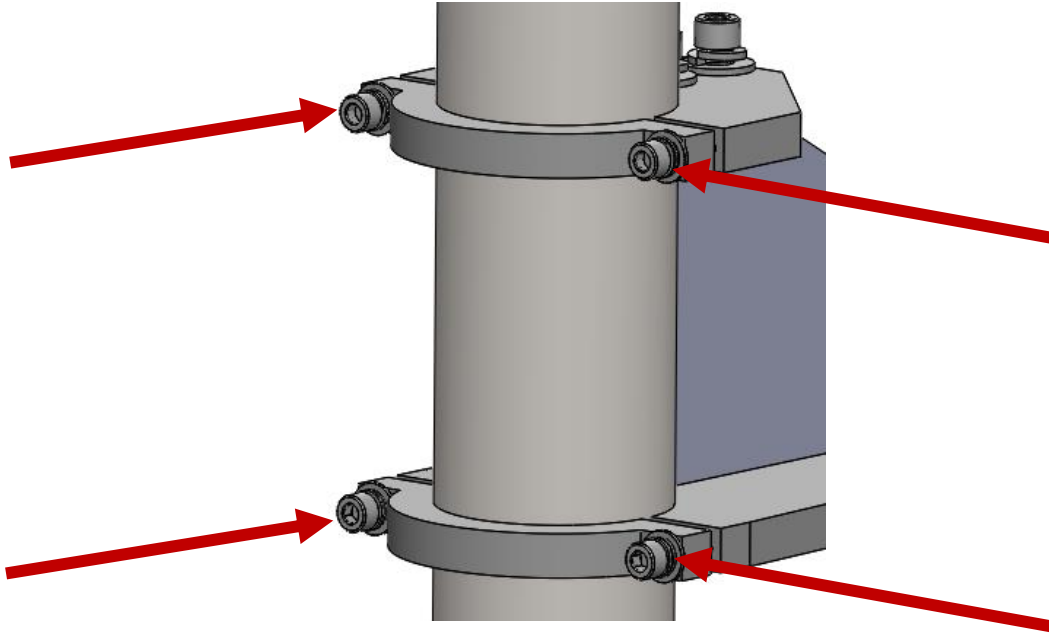
Maintenance

AQ Lift Speed Control Air Fitting



- 1) Detach the 3/8" airline connected to the speed control air fitting
- 2) Using a 11/16" wrench, loosen the speed control air fitting from the AQ lift tube top cap by turning the nut attached to the fitting near the needle screw that controls the down speed control.
- 3) Make sure the replacement speed control air fitting has thread sealant tape on the threads, and fasten the fitting to the lift tube top cap.
- 4) The replacement AQ lift speed control air fitting will need to be adjusted to the proper lift speeds. See page 7 for instructions on properly setting AQ recommended lift speeds.

Adjusting Height of Pressure Pot Lift Adaptor Assembly

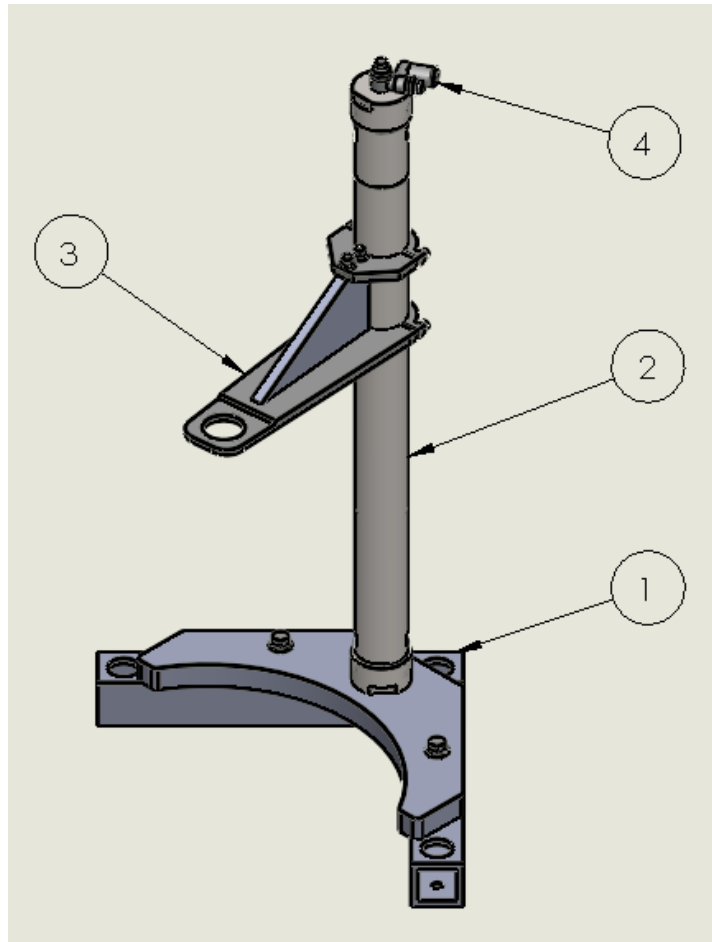


- 1) Loosen the four 10-32 socket head cap screws from the AQ pressure pot lift clamp plate (3099-PREV-102), and the AQ pressure pot lift gusset (3099-PREV-101). With the clamps loose, Adjust the adapter to sit flat to the pressure pot lid and fasten the socket head cap screws to clamp on the air tube.

Note: Pressure pot elevator system needs to be fastened to a leveled floor, and pressure pot needs to be on flat surface to ensure proper height is set.

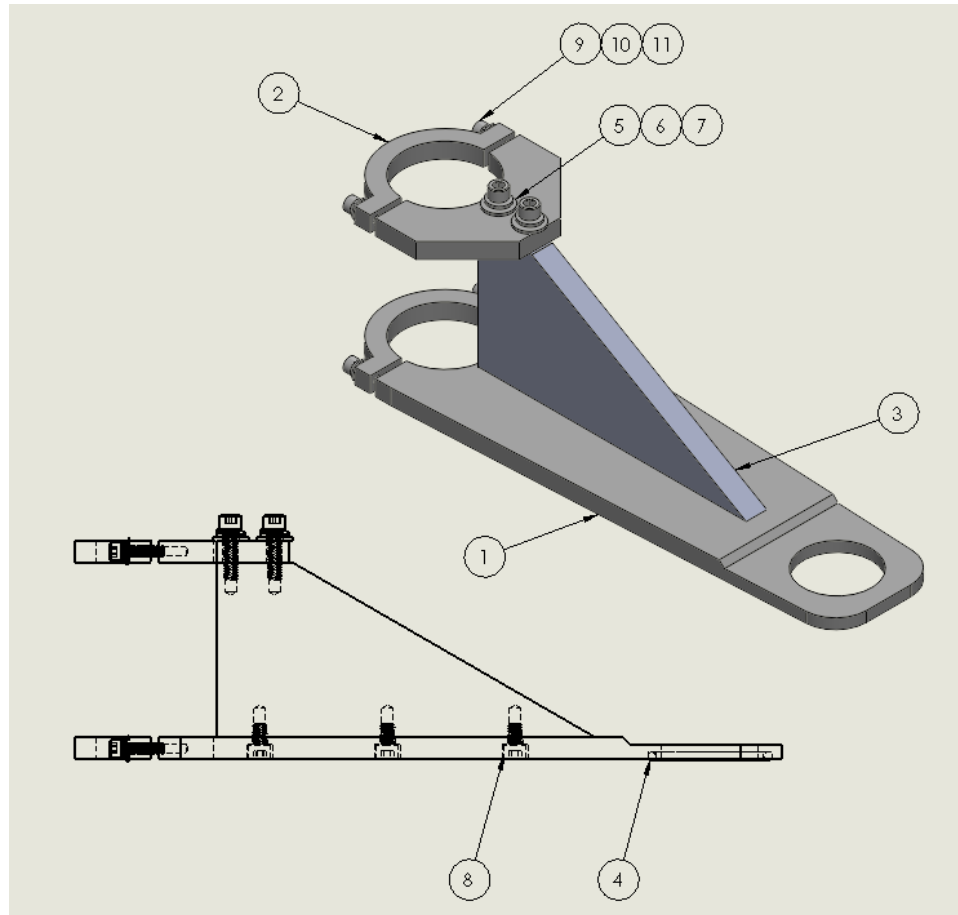
Parts:

AQ 5 Gallon Pressure Pot Lift system



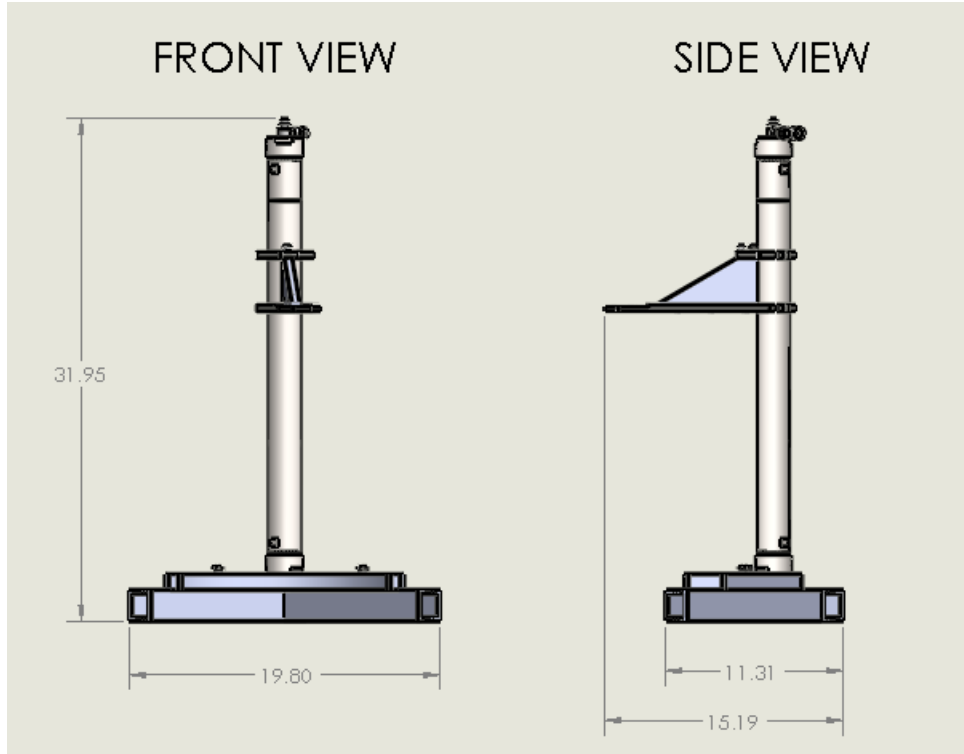
| # | Part # | Description |
|---|---------------|------------------------------------|
| 1 | 3099-PREV-500 | AQ Pressure Pot Agitator Lift Base |
| 2 | 3099-0520-200 | AQ Agitator Lift Air Tube Assembly |
| 3 | 3099-PREV-100 | AQ Pressure Pot Lift Assembly |
| 4 | 3099-0520-601 | AQ Lift Speed Control Air Fitting |

3099-PREV-100 AQ Pressure Pot Lift Adaptor Assembly

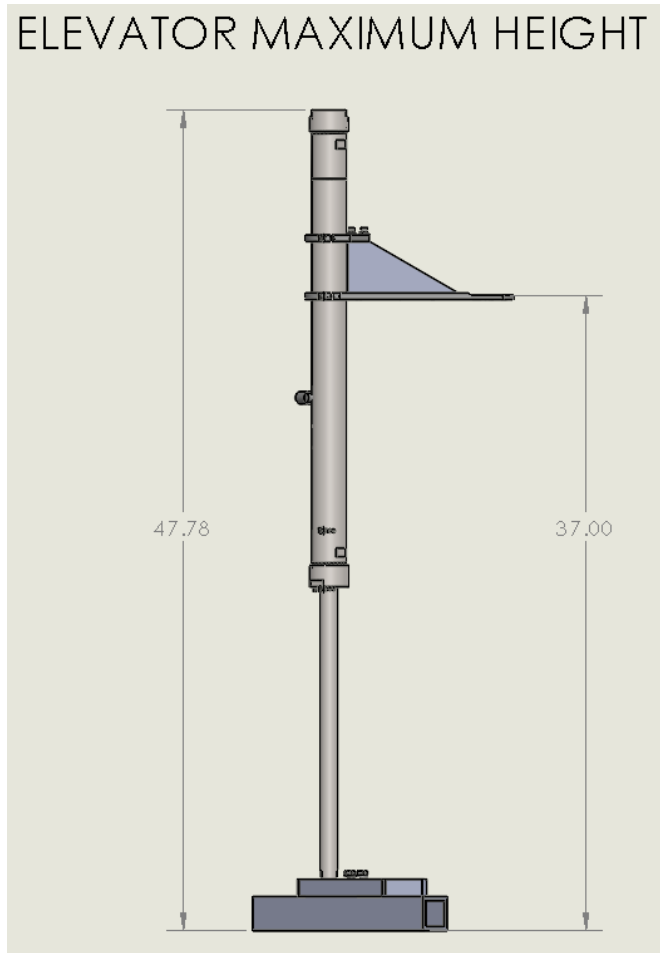


| # | Part # | Description |
|---------|---------------|---------------------------------------------------------------------|
| 1 | 3099-PREV-102 | AQ Pressure Pot Lift Agitator Tube Clamp |
| 2 | 3099-PREV-103 | AQ Pressure Pot Lift Agitator Gusset Clamp |
| 3 | 3099-PREV-101 | AQ Pressure Pot Lift Agitator Gusset |
| 4 | 3099-PREV-106 | AQ Pressure Pot Lift Lid Teflon O-ring |
| 5,6,7 | | 2X 1/4-20 X 7/8" Stainless Steel SHCS, Lock Washer, and flat Washer |
| 8 | | 3X 1/4"-20 X 3/8" Stainless Steel SHCS |
| 9,10,11 | | 4X 10-32 X 3/4" Stainless Steel SHCS, Lock Washer, and Flat Washer |

Dimensions



ELEVATOR MAXIMUM HEIGHT



Technical Data

Air inlet size: Ø 3/8" tube

Autoquip Standard Warranty

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

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

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Autoquip Inc. distributor for verification of the claimed defect. If the claimed defect is verified, Autoquip Inc. 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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Autoquip Inc.'s sole obligation and buyer's sole remedy for any breach of warranty shall be 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.

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TO PLACE AN ORDER, contact your Autoquip distributor, or call this number to identify the distributor closest to you :
(262) 781-6133

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