

EASY-KLEEN

PRESSURE SYSTEMS LTD.

MANUFACTURER OF HIGH PRESSURE CLEANING EQUIPMENT

Owner's Manual

GROUNDHOG JETTER



1-800-315-5533 • service@easyklean.com • www.easyklean.com

IMPORTANT SAFETY INFORMATION

The safe operation of our pressure washing systems is the **FIRST** priority of Easy-Kleen. This will only be achieved by following the operation and maintenance instructions as explained in this manual and all other enclosed manuals.

This manual contains essential information regarding the safety hazards, operations, and maintenance associated with this machine. The manual should always remain with the machine, including if it is resold.

ALL CAUTIONS AND SAFETY WARNINGS MUST BE FOLLOWED TO AVOID INJURY OR DAMAGE TO EQUIPMENT.

THIS EQUIPMENT IS TO BE USED ONLY BY TRAINED OPERATORS AND MUST ALWAYS BE ATTENDED DURING OPERATION.



WARNING: To reduce the risk of injury, read operating instructions carefully before using.

1. Read the instructions in this manual carefully before attempting to assemble, install, operate or service this pressure washer. Failure to comply with the instructions could result in personal injury and/or property damage.



WARNING: Use protective eyewear and clothing when operating equipment in order to avoid personal injuries.



WARNING: This machine exceeds 85db. Appropriate ear protection must be worn.



WARNING: Risk of explosion. Operate only where open flame or torch is permitted.

WARNING: Flammable liquids can create fumes which can ignite, causing property damage or severe injury.

2. Be thoroughly familiar with all controls and know how to stop the machine in the event of an emergency.



WARNING: Risk of fire. Do not add fuel when operating machine.

3. The minimum clearance to any combustible material is 12 inches.



WARNING: Keep water spray away from electrical wiring.

4. All electrically powered equipment must be grounded at all times to prevent fatal electric shocks. Do not spray water on or near electrical components. Do not touch electrical components while standing in water or when hands are wet. Always make sure machine is disconnected from power source before servicing.



WARNING: Risk of asphyxiation. Use this product only in a well ventilated area.

5. Use equipment in a well-ventilated area to avoid carbon monoxide poisoning or death.



WARNING: Risk of injection or severe injury to persons. Keep clear of nozzle spray.

6. High pressure spray can cause serious injuries. Never point pressurized spray at any person or animal. Handle the spray assembly with care.



WARNING: Risk of injury. Hot surfaces can cause burns.



WARNING: Trigger gun kicks back. Hold with both hands.

7. Hold firmly to the gun and wand during start up and operation of the machine. Do not attempt to make adjustments while the trigger gun is in operation.

8. Make sure all quick coupler fittings are properly secured before operating pressure washer.



WARNING: Risk of injury from falls when using ladder.

9. Do not overreach or stand on anything unstable. Keep a good balance and make sure to keep a steady footing at all times.



WARNING: Protect from freezing.

10. It is important to keep your machine from freezing in order to keep it in its best working condition. Failure to protect your machine from freezing may cause damage to the machine and personal injuries may occur as a result.



WARNING: Risk of Injury

11. For machines with a 12 V burner: Disconnect battery ground terminal before servicing.

12. Protect high pressure hoses from sharp objects and vehicles. Inspect condition of hoses prior to use, or serious injury could occur.

13. Do not pass acids or other caustic or abrasive fluids through the pump.

14. Never run pump dry of water or oil or let the pump run with the trigger gun released for more than 2 minutes.

15. Do not attempt to operate this machine if fatigued or under the influence of alcohol, prescription medications, or drugs.

16. Some of the maintenance procedures involved in this machine require a certified technician (these steps are indicated throughout this manual). Do not attempt to perform these repairs if you are not qualified.

If you need further explanation of any of the information in this manual, suspend any activity involving the equipment and call our toll free number for assistance, 1-800-315-5533.

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MANUFACTURER OF HIGH PRESSURE CLEANING EQUIPMENT

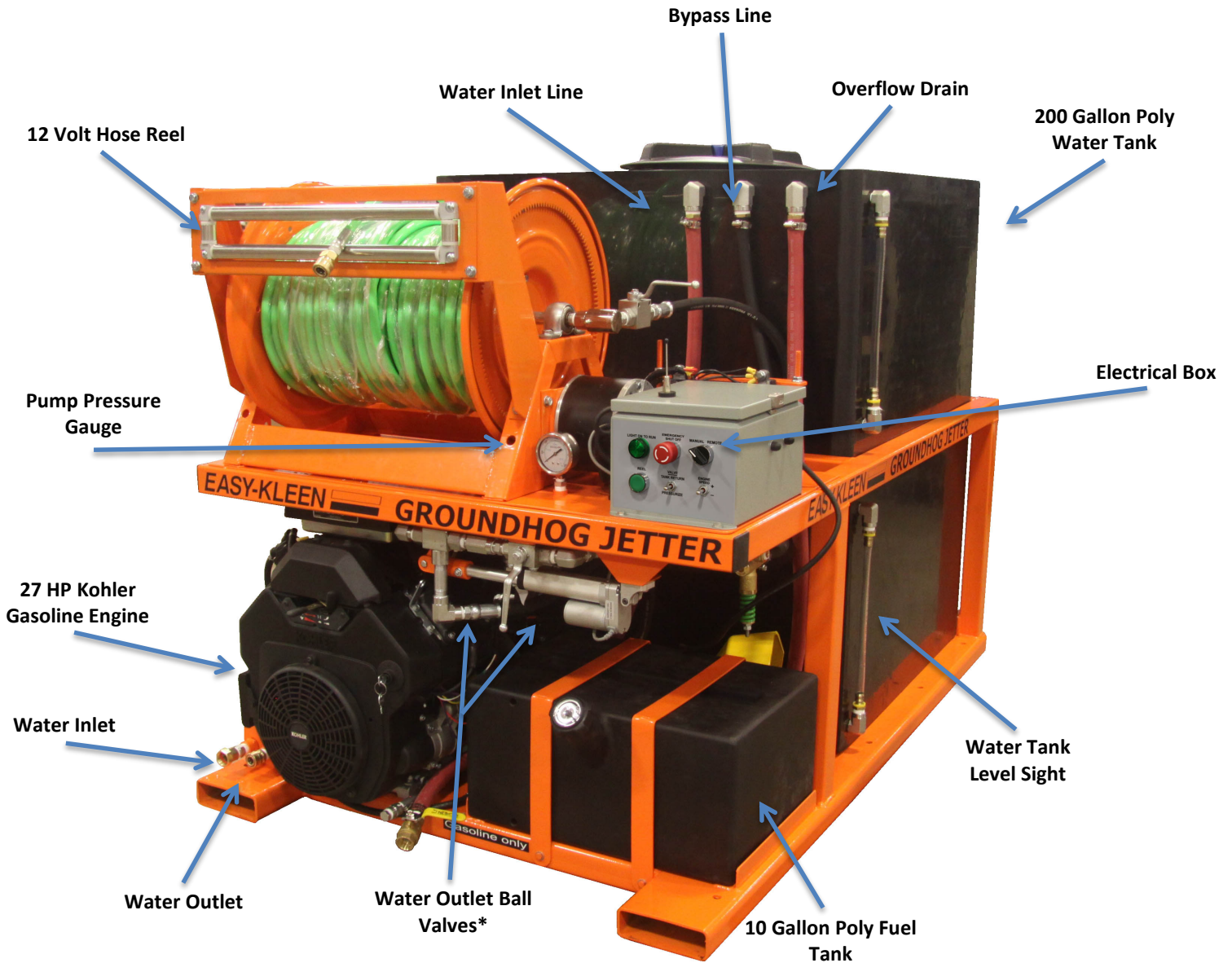
GROUNDHOG JETTER

The Groundhog Jetter is designed to be transported in a pickup truck or the side or rear door of a van.

Startup:

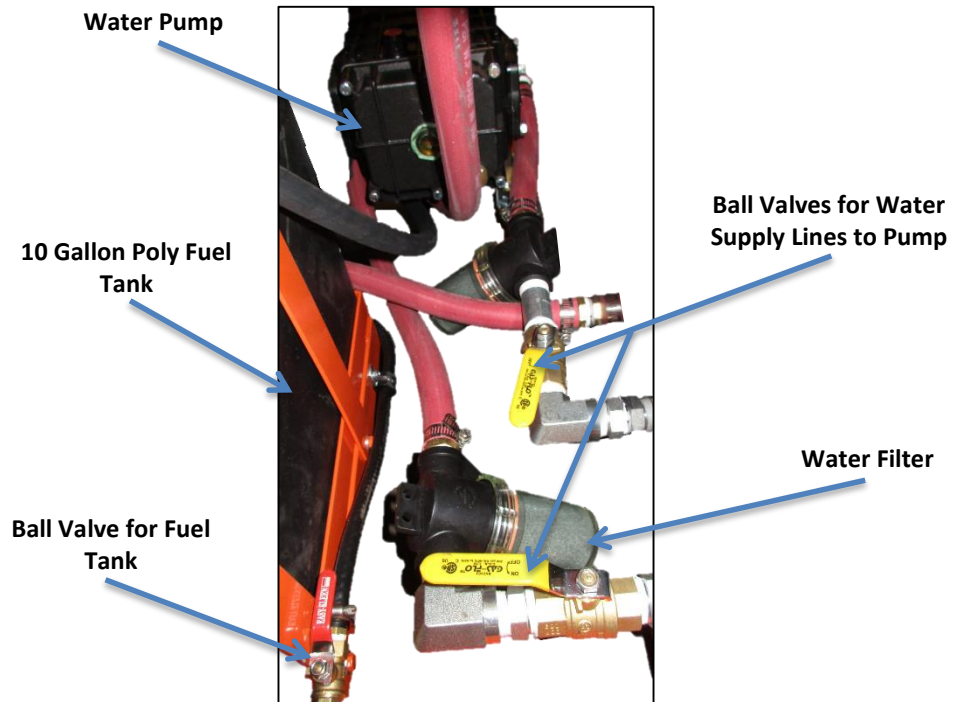
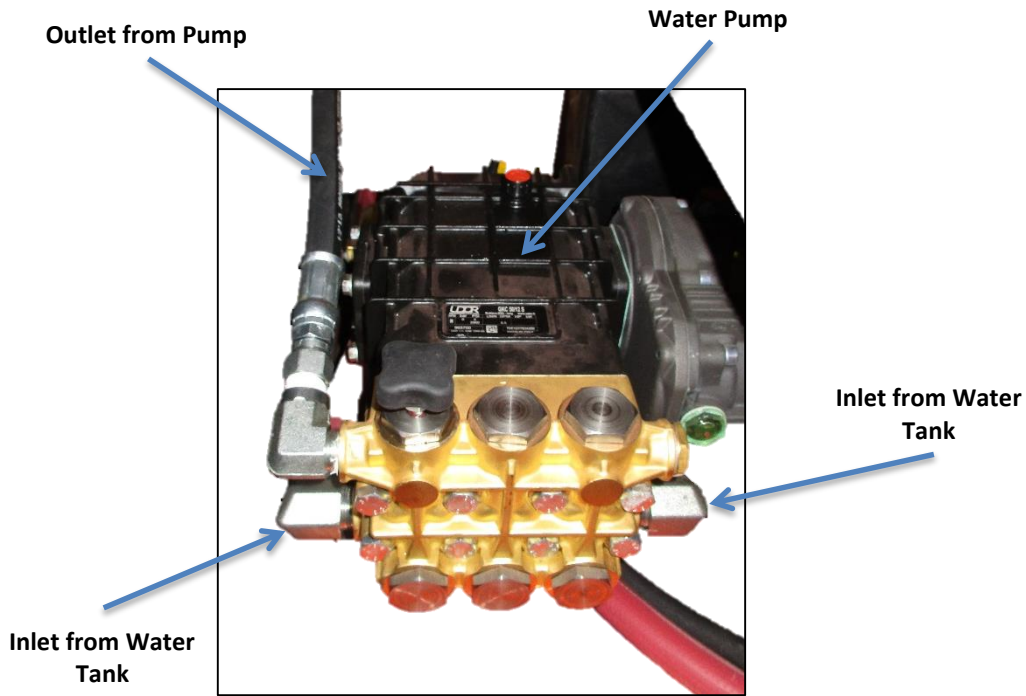
1. Ensure all ball valves are closed prior to starting machine.
2. Fill the 200 gallon tank with water.
3. There are two water outlet options: an outlet quick connector on the bottom left for the wash wand (beside the water inlet), and the green jetter hose mounted above on the 12 Volt hose reel. Open the water outlet ball valve for the outlet you wish to use.
4. Connect the pressure wand assembly.
5. Open the ball valves for the two main water supply lines going to the pump (valves are located at the bottom front of the water tank, behind the fuel tank).
6. Open ball valve to 10 gallon fuel tank and start engine to run the pump.
7. If you are using the jetter hose, press on the foot pedal to reel hose in to desired length.
8. If equipped with optional remote, it can be used to control the 12 Volt hose reel as well as turning the pressure on and off.
9. When storing: Do not store this machine in temperatures below 0°C (32°F).
10. Read the owner's manual and all other included component manuals prior to operating this machine; these manuals contain important information about safety hazards, proper setup, and maintenance.

COMPONENT IDENTIFICATION



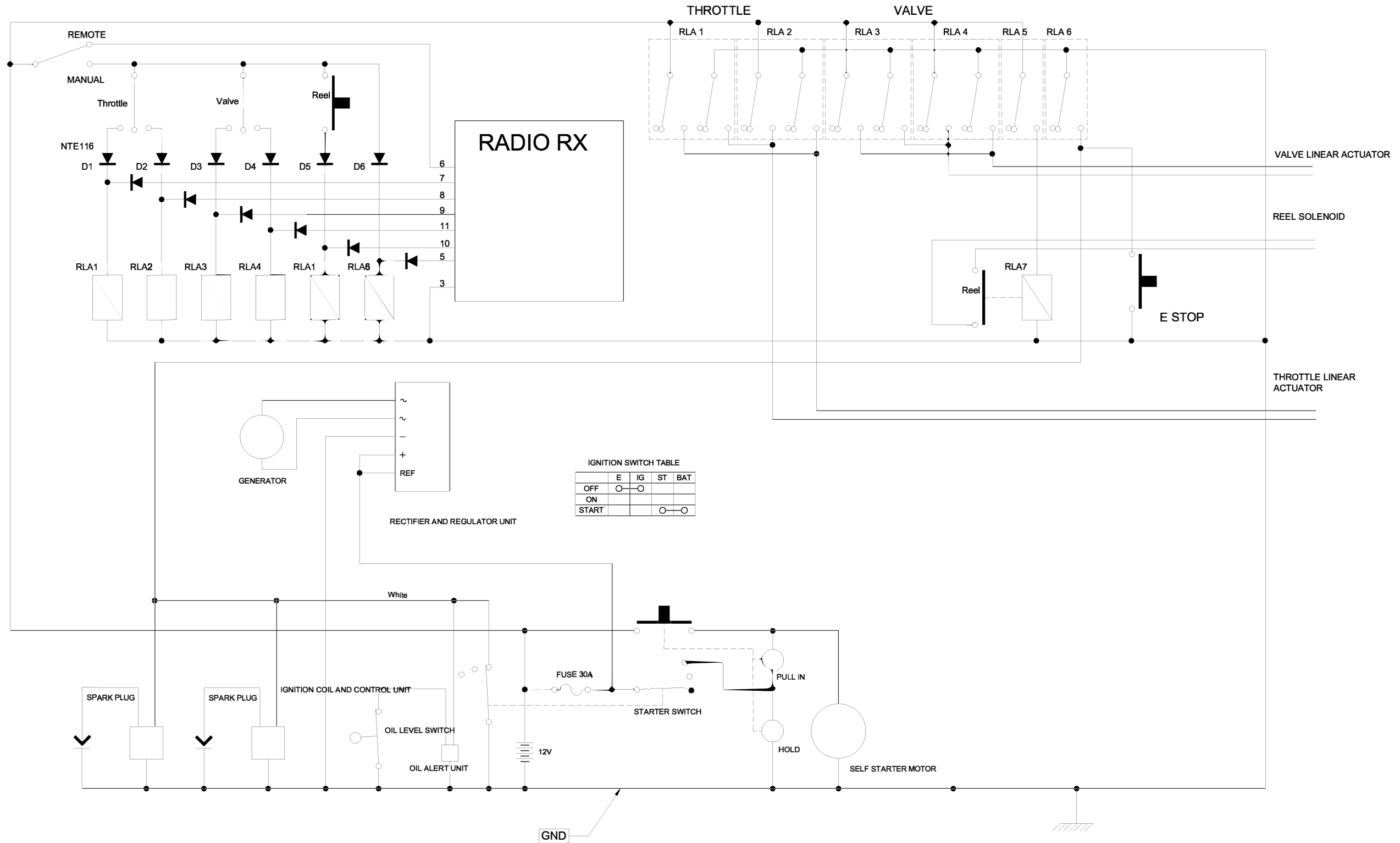
*The two ball valves control the water flow to the water outlet (on the bottom left) and to the jetter hose on the 12 Volt hose reel.
Depending on your model, the ball for the green jetter hose might be located beside the 12V hose reel.

Pump Assembly:



CIRCUIT DIAGRAM

JETTER WITH REMOTE CONTROL



EASY-KLEEN

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MANUFACTURER OF HIGH PRESSURE CLEANING EQUIPMENT

MANUFACTURER'S WARRANTY

Thank you for your purchase of an Easy Kleen pressure cleaning system. All original equipment are warranted for a specific period and on the conditions set forth, that the product is free from defects in materials and workmanship as follows:

Pump: Crankshaft, Manifold, Crankcase, Bearings, Connection Rods	7 Years Parts 1 Year Labor
Heating Coils	1 Year over 5100 PSI, Lifetime Limited under 5100 PSI, 1 Year Labor
Honda Engine *Kohler Engine * Others	2 Years or as otherwise stated by the engine manufacturing policy
Electric Motor/Generators	2 Years/1 Year Warranty from individual manufacturer of component
Frame and Body Materials	Lifetime Limited Warranty
Burners: fuel pumps, ignitor, fuel solenoid coil, burner motor, gas valve	1 Year Parts 1 Year Labor
Electric Components: switches, GFCI, thermostats, transformers, flow & pressure switch	90 day, Manufacturing Defect
Accessories, Unloader, Safety Valves, Pulleys, Flow & Pressure Switch, Thermometers	90 day, Manufacturing Defect
Wear Items: trigger guns, wands, water strainers, filters; seals, lights, gaskets; belts, check valves; nozzles; o-rings; quick couples, packings and seals on wet-end of pump, high pressure discharge hose; chemical injectors and fuel filters	90 day, Manufacturing Defect

NOTE* Due to original equipment manufacturer's requirements, Easy Kleen is not permitted to perform warranty repairs or claims for electrical motors, gas, or diesel engines. Please contact Easy-Kleen service department for a local warranty representative.

LIMITATIONS OF LIABILITY

Easy Kleen liability for special, incidental, or consequential damages is expressly disclaimed. In no event shall Easy Kleen's liability exceed the purchase price of the product in question. Easy Kleen makes every effort to ensure that all illustrations and specifications are correct, however, these do not imply a warranty that the product is merchantable or fit for a particular purpose, or that the product will actually conform to the illustrations or specifications. Our obligation under this warranty is expressly limited at our option to the replacement or repair at our manufacturer location, is such part or parts at inspection shall disclose to have been defective. Easy Kleen does not authorize any other party, to make any representation or promise on behalf of Easy Kleen or to modify the terms, conditions, or limitations in any way. It is the buyer's responsibility to ensure that the installation and use of Easy Kleen products conform to local codes. While Easy Kleen attempts to ensure that its products meet national codes, it cannot be responsible for how the customer chooses to use or install the product. **THE WARRANTY CONTAINED HEREIN IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY.**

Easy Kleen reserves the right to make any changes to an Easy Kleen product at any time without incurring any obligation with respect to any product previously, ordered, sold, or shipped.

WARRANTY REPAIRS

Warranty claims must first contact Easy Kleen's Service Department to be issued a pre-authorized repair number (PARN). You will need a copy of your invoice and the equipment serial number.

If new parts are needed, they will be invoiced to you as normal. Defective parts are to be sent to us PREPAID for warranty and consideration. If a part is found to be defective, a credit will be issued to cover the costs of parts and shipping. All work is to be performed at the manufacturers' place of business when returned PREPAID. This warranty will not cover labor if warranty work is conducted at the customer's place of business. Road service will be charged at the normal rate in these situations.

WARRANTY DOES NOT COVER:

- Abnormal wear-and-tear: Our warranty covers material and manufacturing defects only
- Components or other devices not manufactured by Easy Kleen including, but not limited to gasoline, diesel engines, electric motors, generators, pumps, etc.
- Pickup and/or delivery of the equipment.
- Rental or replacement equipment during the repair period
- Overtime labor charges
- Freight charges for replacement parts (customer responsibility)
- Travel time or mileage
- Service calls
- Transportation of equipment for service
- Consequential Damage or Liability that occurs as a result of original defect.

WARRANTY DOES NOT COVER DEFECTS CAUSED BY:

- Improper or negligent operation or installation, accident, abuse, misuse, neglect, unauthorized modifications, including, but not limited to, the failure of the customer to comply with recommended product maintenance schedules.
- Improper repairs
- Neglected maintenance/incorrect operation (specified in the Owner/Operator's Manual
- Unapproved devices or attachments
- Water sediments, rust corrosion, thermal expansion, scale deposits or a contaminated water supply or use of chemicals not approved or recommended by Easy Kleen Pressure Systems Ltd.
- Improper voltage, sudden voltage spikes or power transients in the electrical supply
- Usage which is contrary to the intended purpose of the equipment
- Natural calamities or disasters including, but not limited to, floods, fires, wind, freezing*, earthquakes, tornados, hurricanes and lightning strikes

*Includes damage done to components that come in contact with water as a result of freezing in a non-winterized machine.

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