



OWNER'S MANUAL

Portable Jetter



1-877-765-9211 • service@powerjetpressure.com • www.powerjetpressure.com

More than just a name...IT'S THE POWER YOU NEED

PowerJet Pressure Systems

1-877-765-9211

This manual contains operational information that is specific for commercial and industrial hot water, gas and diesel driven, oil fired machines.

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

Table of Contents

IMPORTANT SAFETY INFORMATION.....	3
INTRODUCTION.....	6
OPERATING INSTRUCTIONS.....	6
COMPONENT IDENTIFICATION	7
WIRING DIAGRAM.....	9
MANUFACTURER'S WARRANTY	10

IMPORTANT SAFETY INFORMATION

The safe operation of our pressure washing systems is the **FIRST** priority of PowerJet. 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: Trigger gun kicks back. Hold with both hands.

2. 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.
3. Make sure all quick coupler fittings are properly secured before operating pressure washer.



WARNING: Keep water spray away from electrical wiring.

4. All electrically powered equipment must be grounded at all times to prevent fatal electric shots. 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 injection or severe injury to persons. Keep clear of nozzle spray.

5. 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 from falls when using ladder.

6. 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.

7. 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.

8. **WARNING: Keep hands clear from belt guard and other moving parts. DO NOT OPERATE MACHINE WITH BELT GUARD REMOVED.**

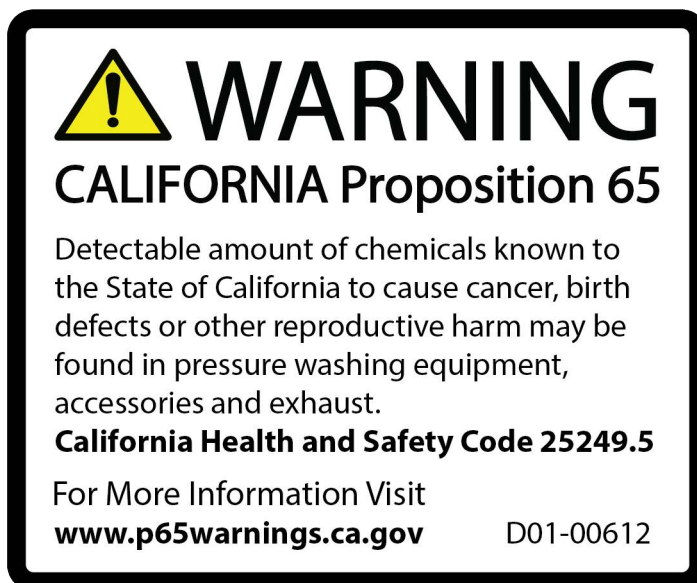
9. Protect high pressure hoses from sharp objects and vehicles. Inspect condition of hoses prior to use, or serious injury could occur.

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

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

12. 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, 1-877-765-9211.



PowerJet Pressure Systems

1-877-765-9211

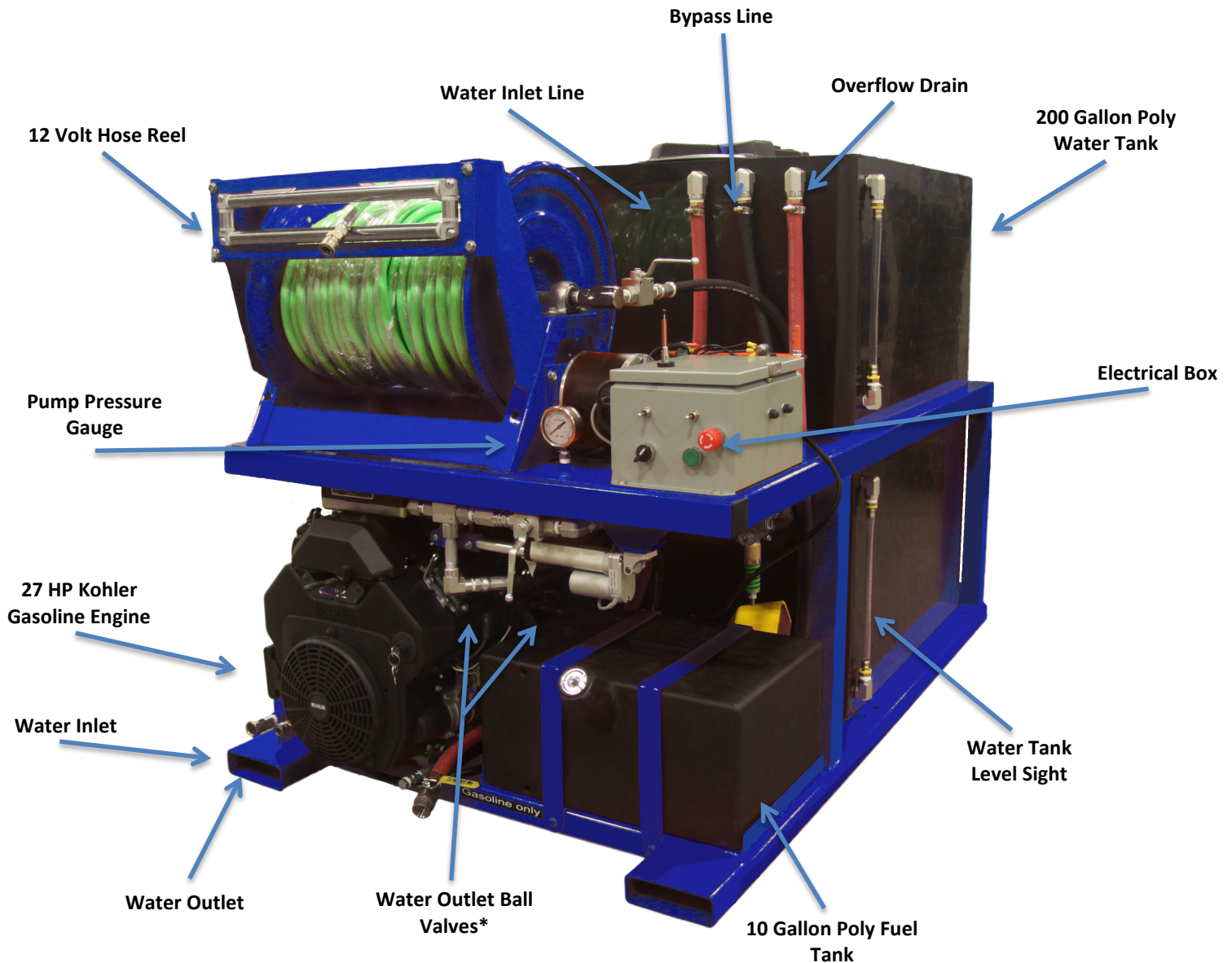
Read the following instructions carefully before attempting to assemble, install, operate or service this pressure washer. Failure to comply with these instructions could result in personal injury and/or property damage.

The Portable 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.

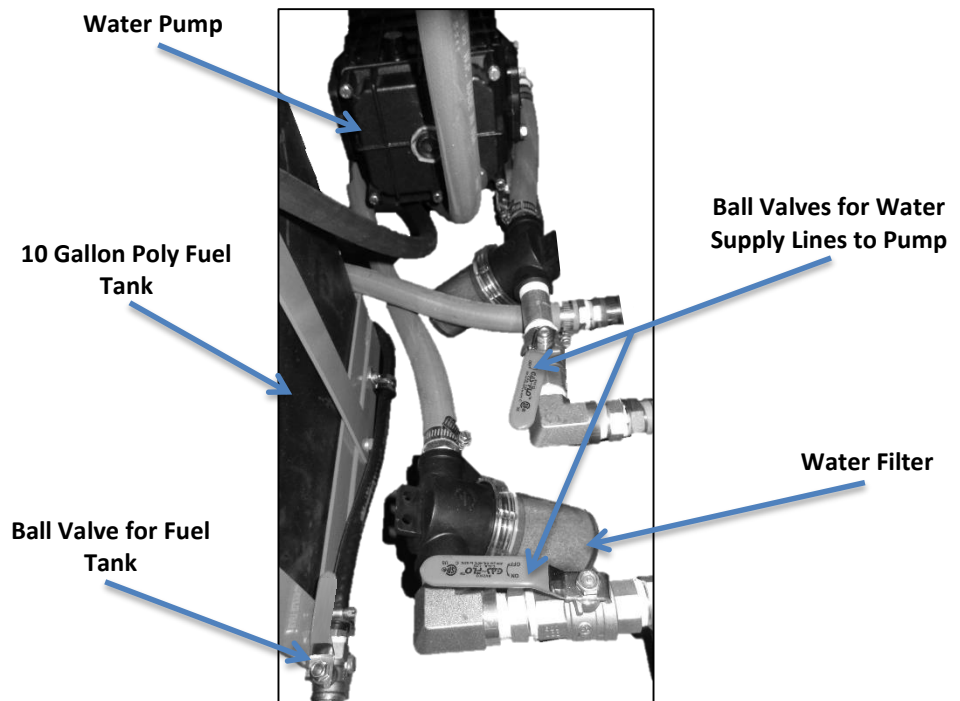
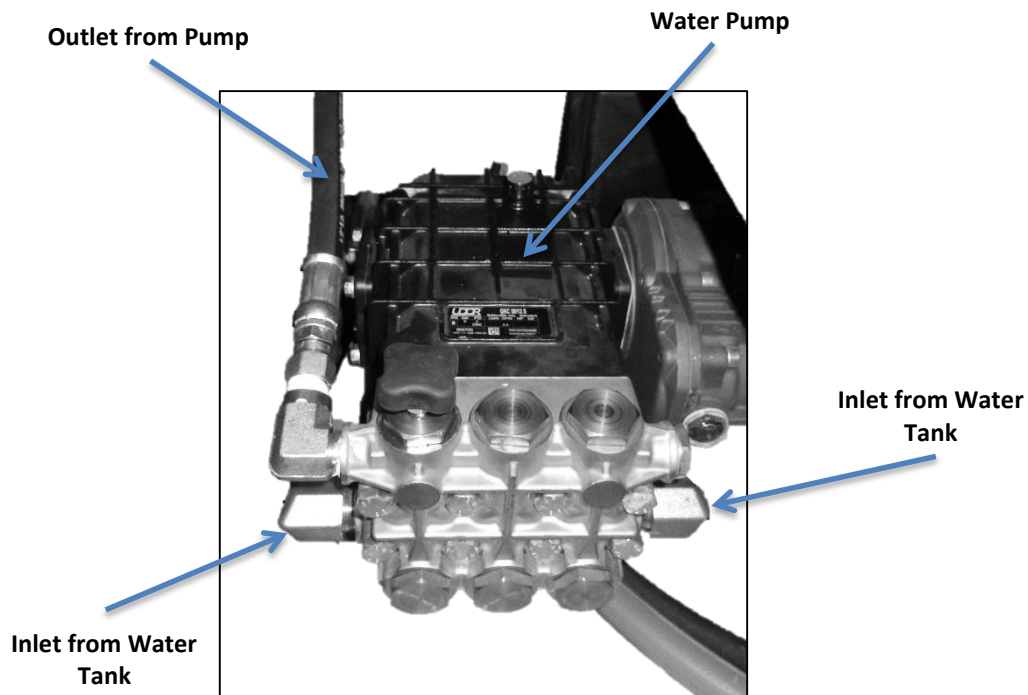
COMPONENT IDENTIFICATION



*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.

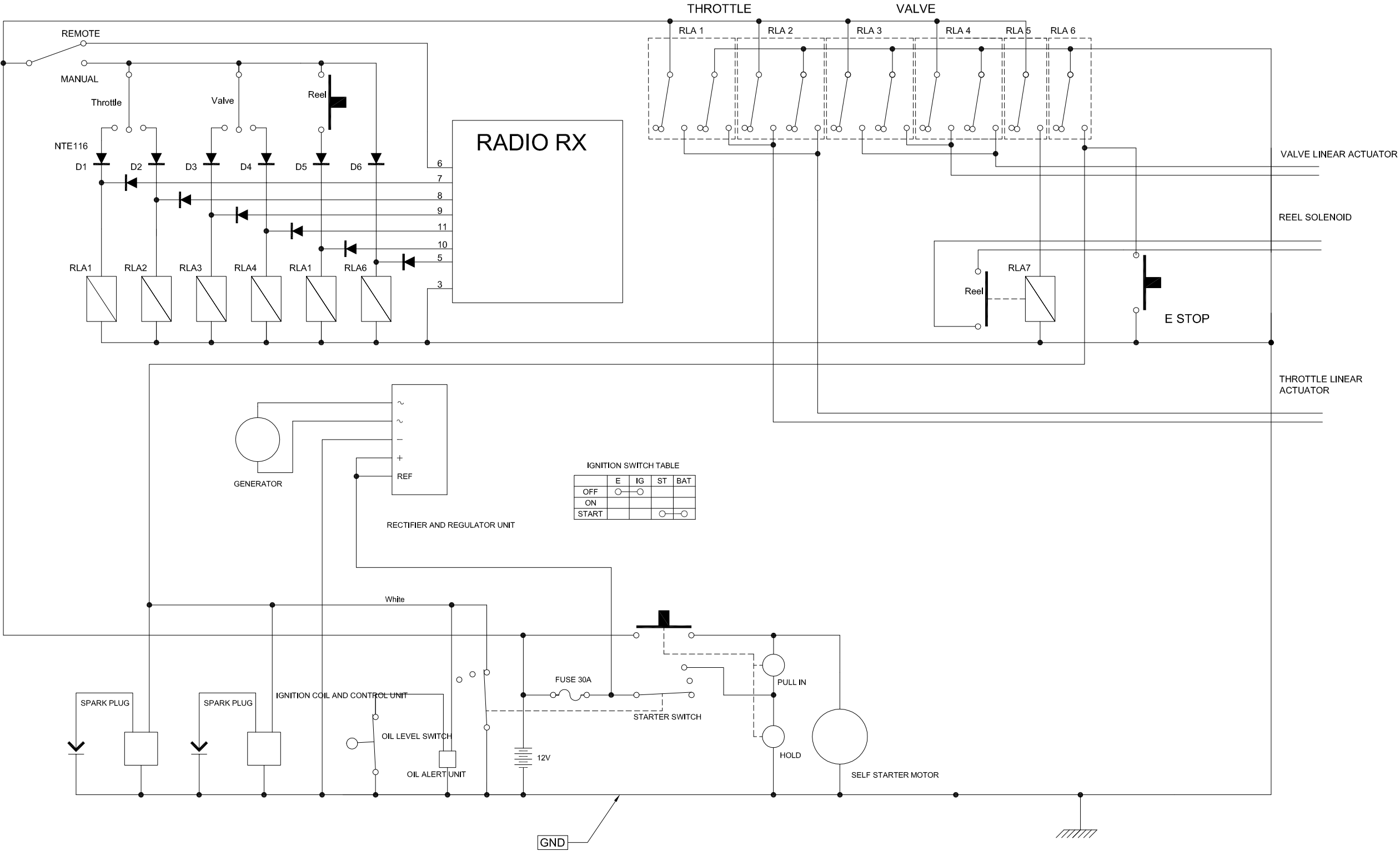
Depending on your model, the ball for the green jetter hose might be located beside the 12V hose reel.

Pump Assembly:



CIRCUIT DIAGRAM

JETTER WITH REMOTE CONTROL



IGNITION SWITCH TABLE

	E	IG	ST	BAT
OFF				
ON				
START				



Manufacturer's Warranty



Thank you for your purchase of a PowerJet pressure cleaning system.

All original equipment are warrantied for a specific period and on the conditions set forth, that the product is free from defect in materials and workmanship as follows:



WARRANTY TIME LINE		DESCRIPTION	FROM PURCHASE
Electric Motors	1 Phase		18 Months
	3 Phase		24 Months
	For warranty of these items, manufacturer needs to be contacted		
Oil Burners	Ignitors, Fuel Solenoid, Burner Motor, Fuel Assembly, Drive Shaft, Electrodes, Blower, Wheel Fuel Pump		1 Year for Parts
Propane/Natural Gas Burners	Burner Rings, Gas Valves, Gas Valve Control Board		1 Year
Fitting	All Fittings, Brass, Stainless Steel, Steel, Etc.		30 Days
Heating Coils	*Damage due to neglect, freezing or hardwater is not covered		5 years - limited
Gas Motors	Must contact Honda/Kohler for Warranty		
Lifan Motor	Contact PowerJet for Warranty		1 Year (for commercial use)
Frames	Contact PowerJet for Warranty *Paint is not covered under the manufacturer's warranty due to aggressive environment or natural wear.		7 Years
Plastic Tanks	Water or Fuel		1 Year
Accessories /Wear Items	Unloader, Regulating Valves, Safety Valves, Jetter Valves, Check Valves, Foot Valves, Pulsation Dampeners, Trigger Guns, Rotary Nozzles, Chemical Injectors, Hose (Jetter Hose Not Included), Hose Reels, Sandblast Kits, Surface Cleaner, Water Broom, Water Strainer, Belts, Ball Valves, Swivels, Balanced Relief Valves, Accumulator Lances		90 Days
Electrical Components	Switches, Time Over Loads, Contactors, Transformer, Thermostat, Vacuum Switches, Flow and Pressure Switches, Relays, Primary Controls		90 Days
Non-Warranty Items	Fuel Filters, Nozzles, O- Rings, Thermo Relief Valves (Pump Seals, Valves, Plungers)		
ANY PARTS NOT LISTED ABOVE PLEASE CALL FOR WARRANTY INFO.			

PUMP WARRANTY TIME LINE		DESCRIPTION	FROM PURCHASE
Cat Pumps	Direct Drive Pumps		2 Years
	Car Wash Pumps (Including all models used in Car Wash or Portable Fresh Water Pressure Cleaning applications)		5 Years
	All other pumps not listed above		1 Year
Giant Pumps	Pressure Washer and Self- Serve Car Wash Applications		5 Years
	All other Giant Pumps, Industrial and Consumer Pumps		1 Year
	Lifetime on Manifolds due to Manufacture defects		
AR Pumps	Plunger Pumps		5 Years
	Axial Pumps		1 Year
	AR Accessories		90 Days
General Pumps	Manifolds		5 Years
	Pressure Washer Pumps		5 Years
EK Pumps	Manifolds		5 Years
	Pumps		1 Year
	Accessories		90 Days
Hawk Pumps	Manifolds		5 Years
	Pressure Washer Pumps		5 Years
Manufacturer does not cover wet end of Pump Seals, Valves, and Plungers			

NOTE: ANY MODIFICATIONS OR MANIPULATIONS OF PARTS VOIDS WARRANTY.

What is a Limited Warranty?

Warranty is a written guarantee by the manufacturer of a product, promising to repair or replace parts which have a defect in material or workmanship. "Limited" means that the Warranty is for a specified period of time, and has certain other restrictions. Parts will be warranted for the time periods specified in this published warranty. Any exceptions must be approved by PowerJet service / warranty department.

Warranty Start Date

The warranty coverage begins on the date of original purchase and applies to the original components only.

Right to Inspect

PowerJet and its service centers reserve the right to inspect the customer's PowerJet products to determine if a defect in materials or workmanship exists prior to the commencement of any covered repair. It is the customer's responsibility to contact the PowerJet authorized service center and make the arrangements for inspection and/or repair.

Limitations Of Liability

PowerJet liability for special, incidental, or consequential damages is expressly disclaimed. In no event shall PowerJet's liability exceed the purchase price of the product in question. PowerJet 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, if such part or parts at inspection shall disclose to have been defective. PowerJet does not authorize any other party, to make any representation or promise on behalf of PowerJet 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 PowerJet products conform to local codes. While PowerJet 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.**

Customer Responsibility

It is the customer's responsibility to maintain the equipment in accordance with the instructions provided in the manual provided at the time of purchase. PowerJet recommends that you keep records and receipts; you may be asked to prove that the maintenance instructions have been followed. It is also the customer's responsibility to operate the equipment in a safe manner, and for the use for which it was designed. If a defect in materials or workmanship occurs, it is the customer's responsibility to cease operating the equipment until repairs are made. Damage which occurs from continued operation after a defect is identified may not be covered by this warranty. Your authorized service center should be contacted immediately so that repairs can be made in a timely manner.

Repair at an Authorized Service Center

To obtain warranty service under the terms and conditions of the PowerJet Limited Warranty, you must deliver portable equipment to an authorized PowerJet service center. For stationary models or instances when delivery is not possible, the customer should make arrangements for a service call from the service center. At the time of repair, you must provide proof of purchase. PowerJet recommends that the service center from whom the machine was purchased be contacted for the warranty repair. If that is inconvenient, any authorized PowerJet service center may complete the repairs. If the service center is requested to complete repairs at the customer's location, please note that the service center may charge for pickup & delivery, or for travel time and mileage. These charges are not covered under the PowerJet Limited Warranty and are the customer's responsibility.

Changes in this Policy

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

Service Parts Warranty

Service parts are warranted for 90 days from date of purchase. However, if the part is installed on a unit which has more than 90 days remaining on the original warranty, the part is covered according to the chart on the previous page.

Warranty Repairs

Repairs covered under the conditions of this warranty must be performed by an authorized PowerJet service center. Warranty claims must first contact PowerJet's Service Department to be issued a preauthorized 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 consideration. If a part is found to be defective, a credit will be issued to cover the costs of parts. All work is to be performed at the manufacturer's 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.

Installations, Including OEM

PowerJet equipment/components are occasionally installed on mobile equipment. PowerJet is in NO WAY responsible or do they warranty/ guarantee that the equipment/components will withstand the customer's application or installation requirement. OEM or Installer are responsible for securing the equipment.

Note: Due to original equipment manufacturer's requirements, PowerJet is not permitted to perform warranty repairs or claims for electrical motors, gas, or diesel engines. Please contact PowerJet service department for a local warranty representative.

Warranty Does Not Cover:

- The warranty time frame never restarts and is always based on original purchase date, even if parts are issued on warranty.
- Warranty freight cost will be covered by PowerJet for the first 30 days of sale of the machine due to manufacture defect or workmanship.
- Neglect of the periodic maintenance as specified in the owner's manual.
- Improper repair or maintenance.
- Operating methods other than those indicated in the owner's manual.
- The use of non-genuine PowerJet parts or accessories other than those approved by PowerJet.
- Exposure of chemical agents, such as: Sea Water, Sea Breeze, Salt, or other environmental phenomena.
- Collision, fuel contamination or deterioration, neglect, unauthorized alteration or misuse.
- Warranty does not cover travel or time if a service call is needed.
- Warranty does not apply when pump or accessory is altered or used in excess of recommended speeds, pressure, temperatures, or handling fluids not suitable for pump or accessory material.
- Construction warranty does not apply to normal wear.
- Warranty does not apply to normal wear (such as but not limited to seals, packing valves, plungers and sealing O-Rings), freight damage, freezing damage or damage caused by parts or accessories not supplied by PowerJet.
- After 30 days freight will become chargeable.
- Warranty covers In-House Labour and Parts if manufacture defect is repaired at an PowerJet approved Service Center.

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 repair
- 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 PowerJet.
- 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, etc.

Shipping Claims

Freight Damage – is defined by product arriving with observable damage to package and/or product.

- 1.1 Freight damages **MUST** be reported immediately
- 1.2 Damaged packaging must be photographed immediately for records
- 1.3 If freight company is arranged by dealer, then it is incumbent on them to contact their own freight company and file a claim directly with them. If freight was arranged by PowerJet, then contact PowerJet with the following information (regardless of receipt or refusal of shipment).
 - 1.4.1 Purchase order of product
 - 1.4.2 Pictures of damage
 - 1.4.3 List of products affected
 - 1.4.3.1 Model Number of Product
 - 1.4.3.2 Serial Number of Product

Hidden Damage - is defined by product arriving and the package having no visible signs of damage. Upon opening the packing damage is noted on the product.

- 2.1 Hidden damage **MUST** be reported immediately.
- 2.2 Hidden damage claims cannot be reported on items received more than 6 months prior.
- 2.3 When hidden damage is discovered, contact PowerJet with the following information.
 - 2.3.1 Purchase Order of product
 - 2.3.2 Pictures of damage
 - 2.3.3 Model number of product
 - 2.3.4 Serial Number of product

Missing Part Claims

1. Items missing from Purchase Order **MUST** be reported immediately.
 - 1a. When missing products are noticed, contact PowerJet with the following information
 - i. Purchase Order of product
 - ii. Model number of products that are believed to be missing from shipment

PowerJet will advise on course of action to remedy situation.
2. Items missing from inside box of product
 - 2a. When missing products are noticed, contact PowerJet with the following information
 - i. Purchase Order of product
 - ii. Model and Serial number of products
 - iii. Items missing from package

PowerJet will advise on course of action to remedy situation.

