

SLT / SLX

Hot Water - Gas Powered - Oil Heated

Honda Gasoline Engine

LANDA®

Kärcher Group

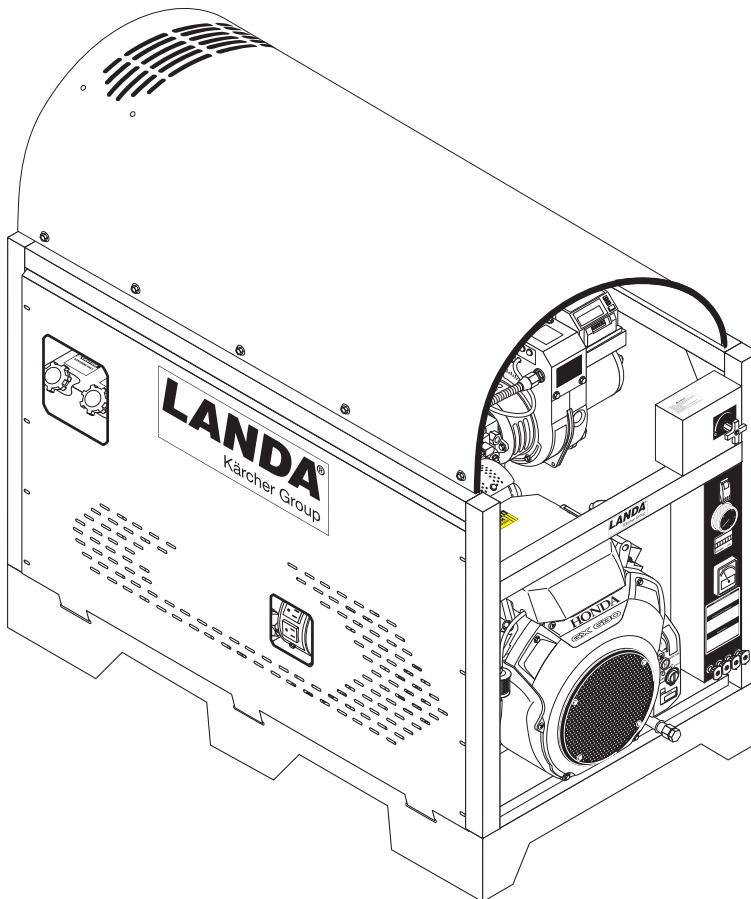
Operator's Manual

Pressure Washer

MODELS: SLT6-32324E
1.110-520.0

SLT8-30324E
1.110-522.0

SLX10-25324E
1.110-525.0



For the Landa Dealer nearest you, consult our web page at www.landa.com



8.914-002.0 - T 08/30/17

Machine Data Label

Model: _____

Date of Purchase: _____

Serial Number: _____

Dealer: _____

Address: _____

Phone Number: _____

Sales Representative: _____

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How To Use This Manual

This manual contains the following sections:

- How to Use This Manual
- Safety
- Operations
- Maintenance
- Parts List

The HOW TO USE THIS MANUAL section will tell you how to find important information for ordering correct repair parts.

Parts may be ordered from authorized dealers. When placing an order for parts, the machine model and machine serial number are important. Refer to the MACHINE DATA box which is filled out during the installation of your machine. The MACHINE DATA box is located on the inside of the front cover of this manual.

Model: _____
Date of Purchase: _____
Serial Number: _____
Dealer: _____
Address: _____
Phone Number: _____
Sales Representative: _____

The model and serial number will be found on a decal attached to the pressure washer.

The SAFETY section contains important information regarding hazardous or unsafe practices of the machine. Levels of hazards are identified that could result in product damage, personal injury, or severe injury resulting in death.

The OPERATIONS section is to familiarize the operator with the operation and function of the machine.

The MAINTENANCE section contains preventive maintenance to keep the machine and its components in good working condition. They are listed in this general order:

- Storage
- Engine Maintenance
- Unloader Valves
- Winterizing Procedure
- High Limit Hot Water Thermostat
- Pump
- Cleaning of Coils
- De-liming Coils
- Removal of Soot and Heating Coil
- Rupture Disk
- Fuel
- Burner Nozzle
- Burner Air Adjustment
- Landa Surefire Burner Air Adjustment
- Coil Removal
- Coil Reinstallation
- Troubleshooting
- Preventative Maintenance

The PARTS LIST section contains assembled parts illustrations and corresponding parts list. The parts lists include a number of columns of information:

- **REF** – column refers to the reference number on the parts illustration.
- **PART NO.** – column lists the part number for the part.
- **QTY** – column lists the quantity of the part used in that area of the machine.
- **DESCRIPTION** – column is a brief description of the part.
- **NOTES** – column for information not noted by the other columns.

NOTE: If a service or option kit is installed on your machine, be sure to keep the KIT INSTRUCTIONS which came with the kit. It contains replacement parts numbers needed for ordering future parts.

NOTE: The manual part number is located on the lower right corner of the front cover.

Introduction & Safety Information

Thank you for purchasing this Pressure Washer.

We reserve the right to make changes at any time without incurring any obligation.

Owner/User Responsibility:

The owner and/or user must have an understanding of the manufacturer's operating instructions and warnings before using this pressure washer. Warning information should be emphasized and understood. If the operator is not fluent in English, the manufacturer's instructions and warnings shall be read to and discussed with the operator in the operator's native language by the purchaser/owner, making sure that the operator comprehends its contents.

Owner and/or user must study and maintain for future reference the manufacturers' instructions.

The operator must know how to stop the machine quickly and understand the operation of all controls. Never permit anyone to operate the engine without proper instructions.

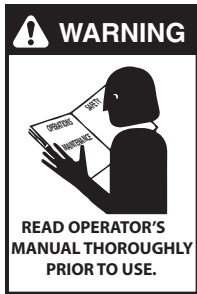
SAVE THESE INSTRUCTIONS

This manual should be considered a permanent part of the machine and should remain with it if machine is resold.

When ordering parts, please specify model and serial number. Use only identical replacement parts.

This machine is to be used only by trained operators.

Important Safety Information



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

1. Read the owner's manual thoroughly. Failure to follow instructions could cause malfunction of the machine and result in death, serious bodily injury and/or property damage.
2. Know how to stop the machine and bleed pressure quickly. Be thoroughly familiar with the controls.
3. Stay alert — watch what you are doing.



DANGER: Keep wand, hose, and water spray away from electric wiring or fatal electric shock may result.

4. All installations must comply with local codes. Contact your electrician, plumber, utility company or the selling dealer for specific details.



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



WARNING: High pressure spray can cause paint chips or other particles to become airborne and fly at high speeds. To avoid personal injury, eye, hand and foot safety devices must be worn.

5. Always wear properly rated eye protection such as safety goggles or face shield while spraying.

(Safety glasses do not provide full protection.)

6. Keep operating area clear of all persons.



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

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



WARNING: Risk of fire — Do not add fuel when the product is operating or still hot.

WARNING: Do not use gasoline crankcase draining or oil containing gasoline, solvents or alcohol. Doing so will result in fire and/or explosion.

WARNING: Risk of fire — Do not spray flammable liquids.

7. Allow engine to cool for 1-2 minutes before refueling. If any fuel is spilled, make sure the area is dry before testing the spark plug or starting the engine. (Fire and/or explosion may occur if this is not done.)

Gasoline engines on mobile or portable equipment shall be refueled:

- a. outdoors;
- b. with the engine on the equipment stopped;
- c. with no source of ignition within 10 feet of the dispensing point; and
- d. with an allowance made for expansion of the fuel should the equipment be exposed to a higher ambient temperature.

In an overfilling situation, additional precautions are necessary to ensure that the situation is handled in a safe manner.

WARNING: Risk of injury. Disconnect battery ground terminal before servicing.

8. When in use, do not place machine near flammable objects as the engine is hot.
9. Oil burning appliances shall be installed only in locations where combustible dusts and flammable gases or vapors are not present. Do not store or use gasoline near this machine.

10. Use No. 1 or No. 2 heating oil (ASTM D306) only. **NEVER** use gasoline in your fuel oil tank. Gasoline is more combustible than fuel oil and could result in a serious explosion. **NEVER** use crankcase or waste oil in your burner. Fuel unit malfunction could result from contamination.

11. Do not confuse gasoline and fuel oil tanks. Keep proper fuel in proper tank.



WARNING: Risk of injury. Hot surfaces can cause burns. Use only designated gripping areas of spray gun and wand. Do not place hands or feet on non-insulated areas of the pressure washer.

12. Transport/Repair with fuel tank EMPTY or with fuel shut-off valve OFF.



CAUTION: Hot discharge fluid. Do not touch or direct discharge stream at persons.

WARNING: This machine produces hot water and must have insulated components attached to protect the operator.

13. To reduce the risk of injury, close supervision is necessary when a machine is used near children. Do not allow children to operate the pressure washer. **This machine must be attended during operation.**



WARNING: Grip cleaning wand securely with both hands before starting. Failure to do this could result in injury from a whipping wand.

14. Never make adjustments on machine while in operation.

15. Be certain all quick coupler fittings are secured before using pressure washer.



WARNING: High pressure developed by these machines will cause personal injury or equipment damage. Keep clear of nozzle. Use caution when operating. Do not direct discharge stream at people or animals, or severe injury or death will result.



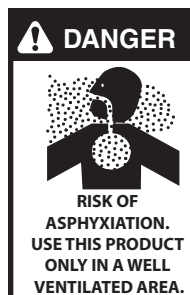
WARNING: Protect machine from freezing.

16. To keep machine in best operating conditions, it is important you protect machine from freezing. Failure to protect machine from freezing could cause malfunction of the machine and result in death, serious bodily injury, and/or

property damage. Follow storage instructions specified in this manual.

17. Inlet water must be clean fresh water and no hotter than 90°F.

DANGER: Risk of asphyxiation.



18. Running this product indoors can result in death due to carbon monoxide, a poison gas you cannot see or smell. Only use outdoors and far away from windows, doors, and openings or vents. Use this product only in a well ventilated area. Use this product only in a well ventilated area.

19. Manufacturer will not be liable for any changes made to our standard machines or any components not purchased from us.

20. The best insurance against an accident is precaution and knowledge of the machine.



WARNING: Be extremely careful when using a ladder, scaffolding or any other relatively unstable location. The cleaning area should have adequate slopes and drainage to reduce the possibility of a fall due to slippery surfaces.

21. Do not allow acids, caustic or abrasive fluids to pass through the pump.
22. Never run pump dry or leave spray gun closed longer than 1-2 minutes.
23. Machines with shut-off spray gun should not be operated with the spray gun in the off position for extensive periods of time as this may cause damage to the pump.
24. Protect discharge hose from vehicle traffic and sharp objects. Inspect condition of high pressure hose before using or bodily injury may result.
25. Before disconnecting discharge hose from water outlet, turn burner off and open spray gun to allow water to cool below 100° before stopping the machine. Then open the spray gun to relieve pressure. Failure to properly cool down or maintain the heating coil may result in a steam explosion.
26. Do not overreach or stand on unstable support. Keep good footing and balance at all times.
27. Do not operate this machine when fatigued or under the influence of alcohol, prescription medications, or drugs.
28. In oil burning models, use only kerosene, No. 1 home heating fuel, or diesel. If diesel is used, add a soot remover to every tankful.



WARNING: Do not spray machine or any people, animals or electrical parts.

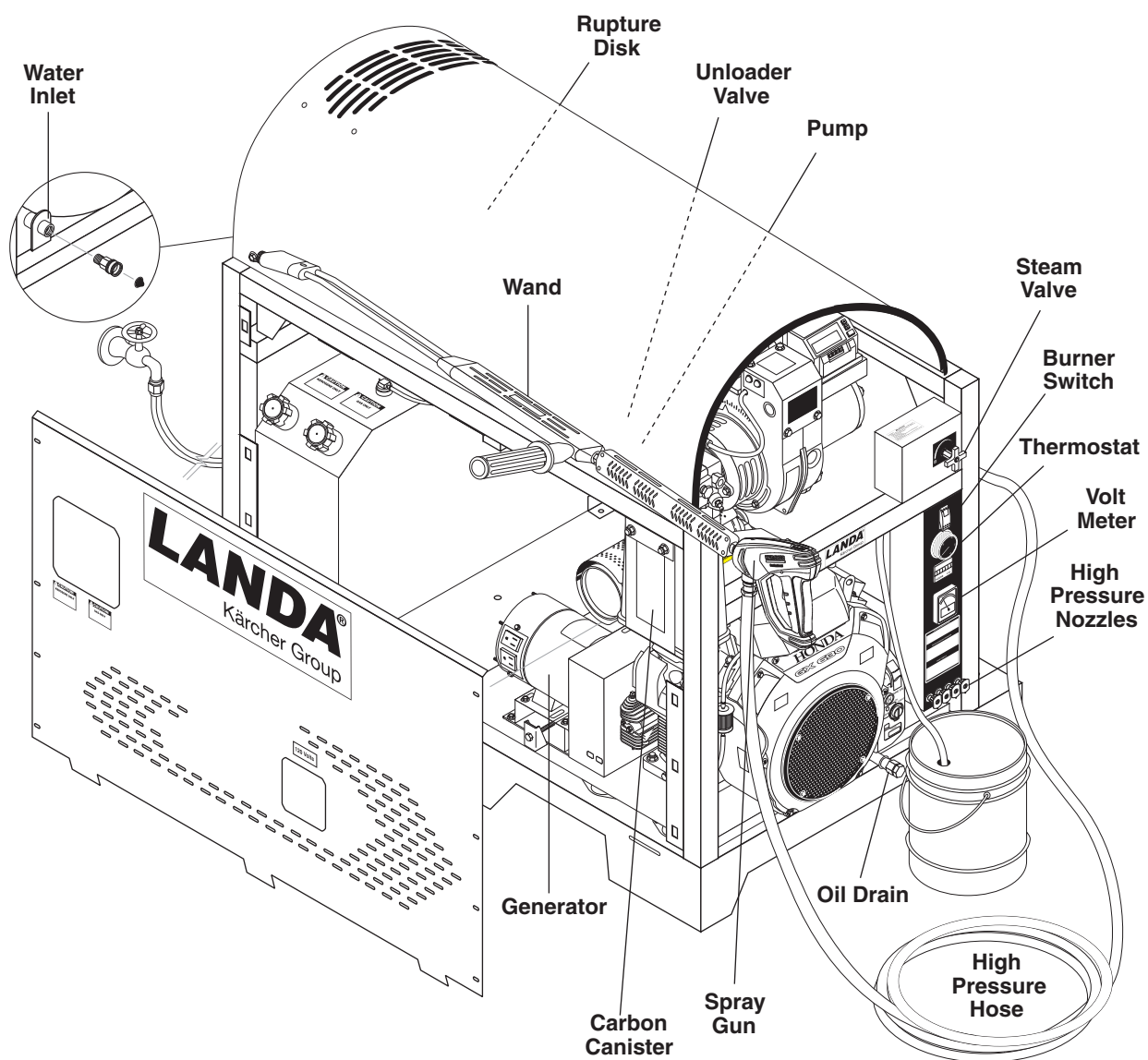


WARNING: If connection is made to a potable water system, the system shall be protected against back flow.



Follow the maintenance instructions specified in the manual.

Component Identification



Pump — Delivers a specific gpm to the high pressure nozzle which develops pressure (not shown).

Spray Gun — Controls the application of water and detergent onto cleaning surface with trigger device. Includes safety latch.

Detergent Valve — Allows you to siphon and mix detergents.

Wand — Must be connected to the spray gun.

High Pressure Hose — Connect one end to water pump high pressure discharge nipple and the other end to spray gun.

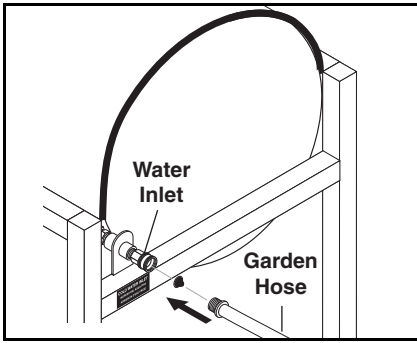
Rupture Disk — Secondary pressure release in the unlikely event the unloader valve fails.

Unloader Valve — Safety device which, when the spray gun closes, prevents over pressurization.

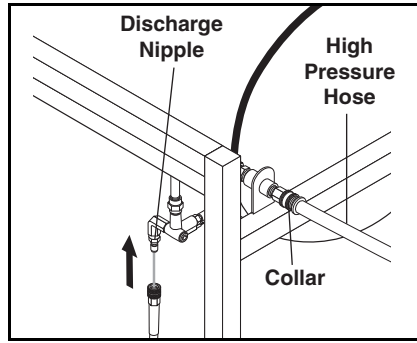
Generator — Provides 110V power to the burner assembly.

NOTE: If trigger on spray gun is released for more than 2 minutes, water will leak from the pump protector. Warm water will discharge from pump protector onto floor. This system prevents internal pump damage.

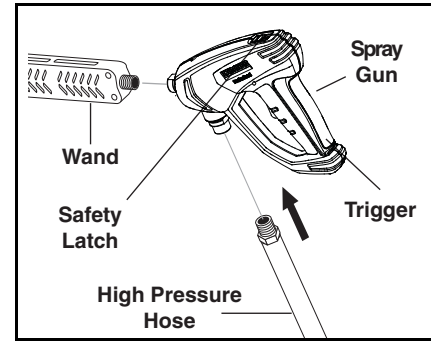
Assembly Instructions



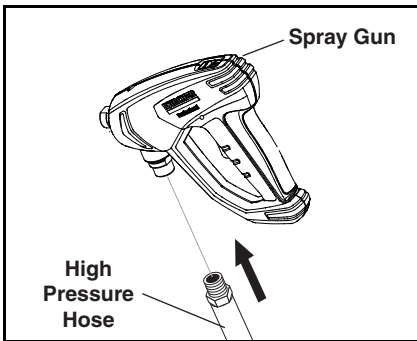
STEP 1: Attach a 5/8" water supply hose to inlet connector. Minimum flow should be 10 GPM depending on model of machine.



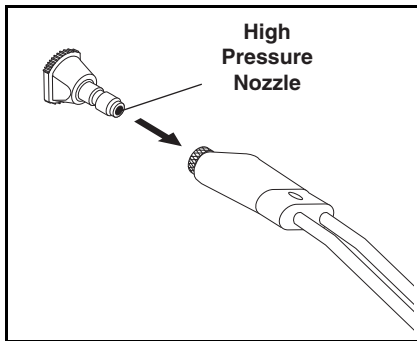
STEP 2: Attach high pressure hose to discharge nipple using quick coupler. Lock coupler securely by pulling back coupler collar, inserting onto discharge nipple and pushing collar forward until secure.



STEP 3: Attach variable pressure control wand to spray gun using teflon tape on threads to prevent leakage.

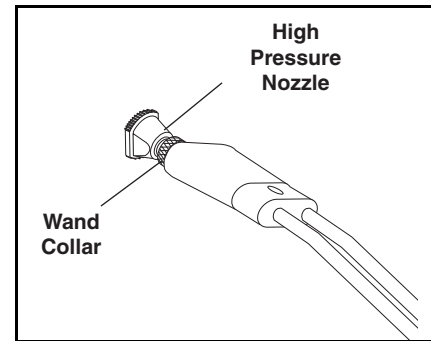


STEP 4: Attach the high pressure hose to the spray gun using teflon tape on hose threads.

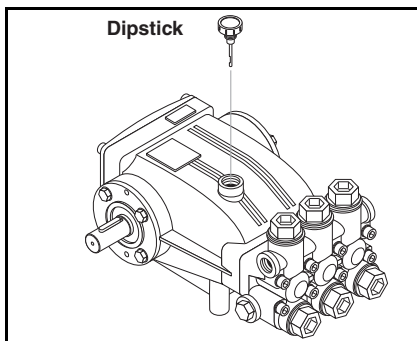


STEP 5: Before installing nozzle, turn on water supply and run machine allowing water to flush through the system until clear. Pull the spring-loaded collar of the wand coupler collar back to insert your choice of pressure nozzle.

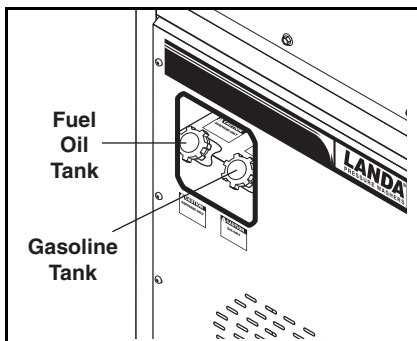
CAUTION: *Never replace nozzles without engaging the safety latch on the spray gun trigger.*



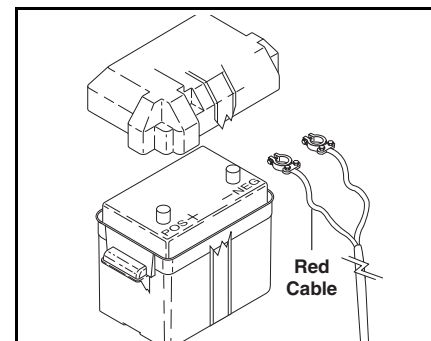
STEP 6: Release the coupler collar and push the nozzle until the collar clicks. Pull the nozzle to make sure it is seated properly.



STEP 7: Check oil level by using supplied dip-stick. Use SAE 10W-40 non-foaming only.

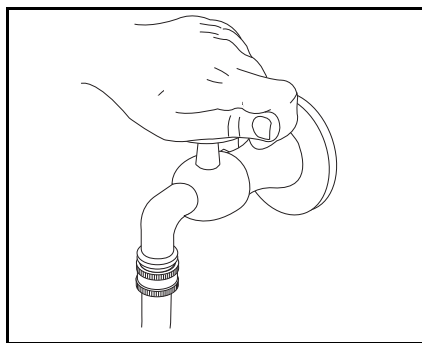


STEP 8: Fill gasoline tank and check engine oil level. Fill fuel oil tank. Do not confuse gasoline and fuel oil tanks. Keep proper fuel in proper tank. Read engine manual provided.

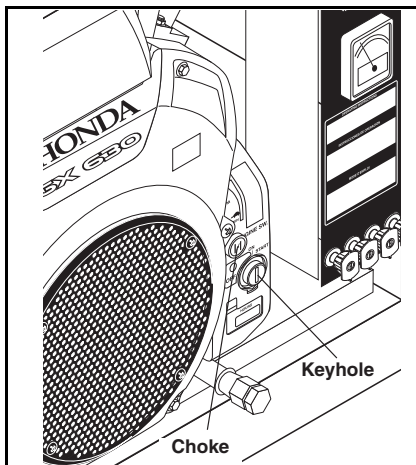


STEP 9: Install proper battery making sure that the red cable is attached to the positive terminal. Use a 12V group 24 style battery.

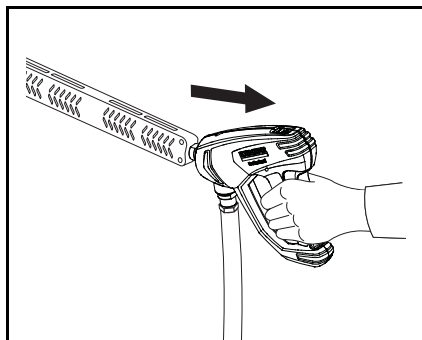
Operating Instructions



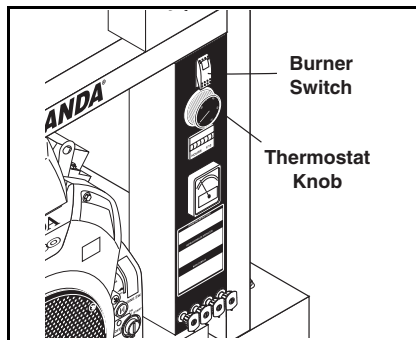
STEP 1: Read engine warning and operating instructions prior to turning on the water. Check for water leaks; tighten as needed.



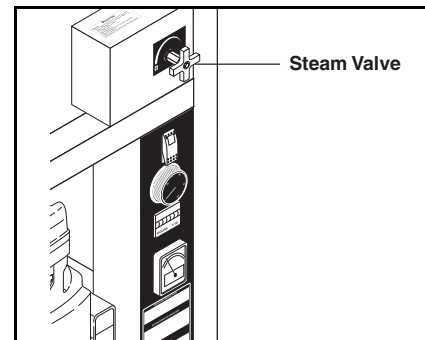
STEP 2: Read engine manual provided and pull choke. Pull spray gun trigger to relieve pressure. Then turn the engine switch to the START position and hold it there until the engine starts. **NOTE:** Do not engage the electric starter for more than five (5) seconds at a time. If the engine fails to start, release the switch, pull spray gun trigger and wait ten seconds before operating the starter again. When the engine starts, allow the engine switch to return to the ON position. Push the choke in.



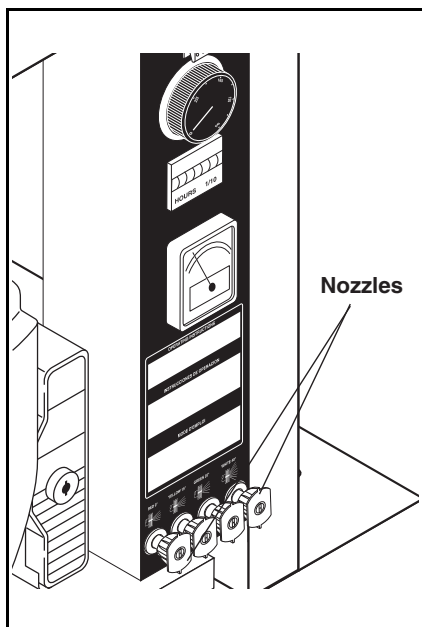
STEP 3: With the spray nozzle pointed away from you or anybody else, press the trigger on the spray gun to obtain pressurized cold water spray.



STEP 4: For hot water, turn the thermostat knob to 210° then push the burner switch to ON when a steady stream of water flows out of the spray gun. Burner will now light automatically. **NOTE:** Do not start machine with burner switch on.



STEP 5: For steam, open the steam valve counterclockwise. This lowers the pressure and raises the temperature.



STEP 6: The four color-coded quick connect nozzles provide a wide array of spray widths from 0° to 45° and are easily accessible when placed in the convenient rubber nozzle holder, which is provided on the front of the machine.

NOTE: For a more gentle rinse, select the white 40° or green 25° nozzle. To scour the surface, select the yellow 15° or red 0° nozzle.

CAUTION: When using the 0° nozzle to prevent surface and injection damage and injury.

Detergents And General Washing Techniques

Thermal pump protection

If you run your pressure washer for 3-5 minutes without pressing the trigger on the spray gun, circulating water in the pump can reach high temperatures. When the water reaches this temperature, the pump protector engages and cools the pump by discharging the warm water onto the ground. This thermal device prevents internal damage to the pump.

Cleaning Tips

Pre-rinse cleaning surface with fresh water. Place detergent suction tube directly into cleaning solution and apply to surface at low pressure (for best results, limit your work area to sections approximately 6 feet square and always apply detergent from bottom to top). Allow detergent to remain on surface 1-3 minutes. Do not allow detergent to dry on surface. If surface appears to be drying, simply wet down surface with fresh water. If needed, use brush to remove stubborn dirt. Rinse at high pressure from top to bottom in an even sweeping motion keeping the spray nozzle approximately 1 foot from cleaning surface. Use overlapping strokes as you clean and rinse any surface. For best surface cleaning action spray at a slight angle.

Recommendations:

- Before cleaning any surface, an inconspicuous area should be cleaned to test spray pattern and distance for maximum cleaning results.
- If painted surfaces are peeling or chipping, use extreme caution as pressure washer may remove the loose paint from the surface.
- Keep the spray nozzle a safe distance from the surface you plan to clean. High pressure wash a small area, then check the surface for damage. If no damage is found, continue to pressure washing.



CAUTION - Never use:

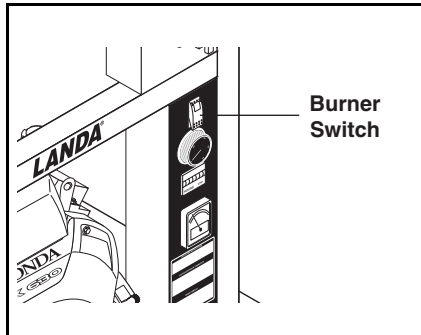
- Bleach, chlorine products and other corrosive chemicals
- Liquids containing solvents (i.e., paint thinner, gasoline, oils)
- Tri-sodium phosphate products
- Ammonia products
- Acid-based products

These chemicals will harm the machine and will damage the surface being cleaned.

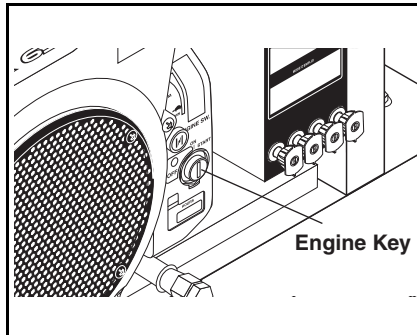
Rinsing

It will take a few seconds for the detergent to clear. Apply safety latch to spray gun and close detergent valve. Select and install the desired high pressure nozzle.

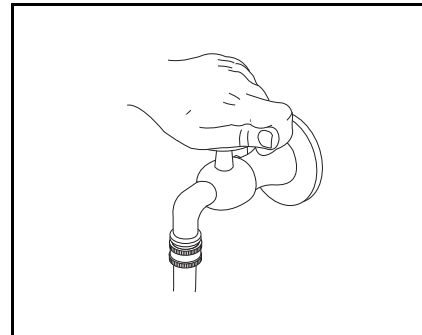
Shutting Down And Clean-up



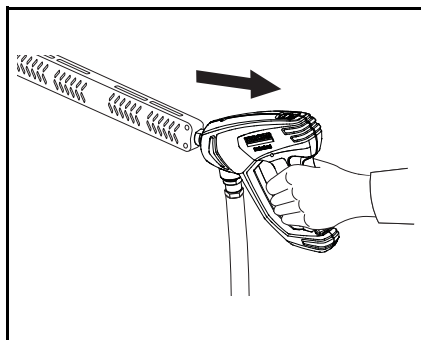
STEP 1: Turn burner switch off and continue spraying, allowing the water to cool to below 100°.



STEP 2: Turn engine key switch off.



STEP 3: Turn off water supply.



STEP 4: Squeeze trigger on spray gun to relieve remaining pressure.

Storage

CAUTION: Always store your pressure washer in a location where the temperature will not fall below 32°F (0°C). The pump in this machine is susceptible to permanent damage if frozen. **FREEZE DAMAGE IS NOT COVERED BY WARRANTY.**

1. Stop the pressure washer, squeeze spray gun trigger to release pressure.
2. Detach water supply hose and high pressure hose.
3. Turn on the machine for a few seconds, until remaining water exits. Turn engine off immediately.
4. Drain the gas and oil from the engine.
5. Do not allow high pressure hose to become kinked.
6. Store the machine and accessories in a room which does not reach freezing temperatures.

CAUTION: Failure to follow the above directions will result in damage to your pressure washer.

When the pressure washer is not being operated or is being stored for more than one month, follow these instructions:

1. Replenish engine oil to upper level.
2. Drain gasoline from fuel tank, fuel line, fuel valve and carburetor.
3. Pour about one teaspoon of engine oil through the spark plug hole, pull the starter grip several times and replace the plug. Then pull the starter grip slowly until you feel increased pressure which indicates the piston is on its compression stroke and leave it in that position. This closes both the intake and exhaust valves to prevent rusting of cylinder.
4. Cover the pressure washer and store in a clean, dry place that is well ventilated away from open flame or sparks. **NOTE:** The use of a fuel additive, such as STA-BIL[®], or an equivalent, will minimize the formulation of fuel deposits during storage. Such additives may be added to the gasoline in the fuel tank of the engine, or to the gasoline in a storage container.

After Extended Storage

CAUTION: Prior to restarting, thaw out any possible ice from pressure washer hoses, spray gun or wand.

Engine Maintenance

During the winter months, rare atmospheric conditions may develop which will cause an icing condition in the carburetor. If this develops, the engine may run rough, lose power and may stall. This temporary condition can be overcome by deflecting some of the hot air from the engine over the carburetor area. **NOTE:** Refer to the engine manufacturer's manual for service and maintenance of the engine.

Preventative Maintenance

- Check to see that water pump is properly lubricated.
- Follow winterizing instructions to prevent freeze damage to pump and coils.
- Always neutralize and flush detergent from system after use.
- If water is known to be high in mineral content, use a water softener on your water system, or de-scale as needed.
- Do not allow acidic, caustic or abrasive fluids to be pumped through system.
- Always use high grade quality cleaning products.
- Never run pump dry for extended periods of time.
- Use clean fuel-kerosene, No. 1 fuel oil, or diesel. Clean or replace fuel filter every 100 hours of operation. Avoid water contaminated fuel as it will damage the fuel pump.
- If machine is operated with smoky or eye burning exhaust, coils soot up and prevent water from reaching maximum operating temperature. (See section on Burner Adjustments.)
- Never allow water to be sprayed on or near the engine or burner assembly or any electrical component.
- Periodically descale coils per instructions.
- Check to see that engine is properly lubricated.

It is advisable, periodically, to visually inspect the burner. Check air inlet to make sure it is not clogged or blocked. Wipe off any oil spills and keep this equipment clean and dry.

The flow of combustion and ventilating air to the burner must not be blocked or obstructed in any manner.

The area around the Landa washer should be kept clean and free of combustible materials, gasoline and other flammable vapors and liquids.

Unloader Valves

Unloader valves are preset and tested at the factory before shipping. Tampering with factory setting may cause personal injury and/or property damage, and will void the manufacturer's warranty.

Winterizing Procedure

Damage due to freezing is not covered by warranty. Adhere to the following cold weather procedures whenever the washer must be stored or operated outdoors under freezing conditions.

During winter months, when temperatures drop below 32°F, protecting your machine against freezing is necessary. Store the machine in a heated room. If this is not possible then mix a 50/50 solution of antifreeze and water in the float tank. Turn the engine on to siphon the antifreeze mixture through the machine. If compressed air is available, an air fitting can be screwed into the float tank by removing the float tank strainer and fitting. Inject the compressed air. Water will be blown out of the machine when the trigger on the spray gun is opened.

High Limit Hot Water Thermostat

For safety, each machine is equipped with a temperature sensitive high limit control switch. In the event that the water should exceed its operating temperature, the high limit control will turn the burner off until the water cools then automatically reset itself. The thermostat sensor is located on the discharge side of the heating coil. The thermostat control dial is located on the control panel.

Pumps

Use only SAE 10W-40 weight non-foaming oil. Change oil after first 50 hours of use. Thereafter, change oil every year or at 500 hour intervals. Oil level should be checked through use of dipstick found on top of pump, or the red dot visible through the oil gauge window. Oil should be maintained at that level.

Cleaning of Coils

In alkaline water areas, lime deposits can accumulate rapidly inside the heating coil. This growth is increased by the extreme heat build up in the coil. The best prevention for liming conditions is to use high quality cleaning chemicals. In areas where alkaline water is an extreme problem, periodic use of Landa Coil Descaler (part #8.914-296.0) will remove lime and other deposits before coil becomes plugged.

Periodic descaling of the heating coil is recommended so please consult your local Landa Dealer for instructions.

Removal of Soot and Heating Coil

In the heating process, fuel residue in the form of soot deposits may develop on the heating coil pipe and block air flow which will affect burner combustion. When soot has been detected on visual observation, the soot on the coil must be washed off after following the coil removal steps (See Coil Removal).

Pressure Relief Valve

Each machine is equipped with a relief valve to relieve pressure in the system when higher than normal operating pressures are encountered or if the unloader valve should fail. Unusually high pressures come from an object plugging the spray nozzle. If operating pressure is found to be normal and the relief valve continues to leak, repair or replace valve.

CAUTION: This valve must be opened each year to check operation.

Rupture Disk

If pressure from pump or thermal expansion should exceed safe limits, the rupture disk will burst, allowing high pressure to be discharged through hose to ground. The ruptured disk needs to be inspected once or twice a year for any obstructions.

Fuel

Use clean fuel oil that is not contaminated with water and debris. Replace fuel filter and drain tank every 100 hours of operation.

Use No. 1 or No. 2 heating oil (ASTM D306) only.

NEVER use gasoline in your burner fuel tank. Gasoline is more combustable than fuel oil and could result in a serious explosion. **NEVER** use crankcase or waste oil in your burner. Fuel unit malfunction could result from contamination.

Fuel Control System

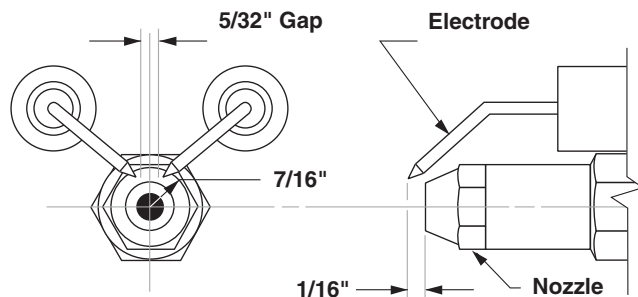
This machine utilizes a fuel solenoid valve located on the fuel pump to control the flow of fuel to the combustion chamber. The solenoid, which is normally closed, is activated by a flow switch when water flows through it. When the operator releases the trigger on the spray gun, the flow of water through the flow switch stops, turning off the electrical current to the fuel solenoid.

The solenoid then closes, shutting off the supply of fuel to the combustion chamber. Controlling the flow of fuel in this way gives an instantaneous burn-or-no-burn situation, thereby eliminating high and low water temperatures, and combustion smoke normally associated with machines incorporating a spray gun.

CAUTION: Periodic inspection, to insure that the fuel solenoid valve functions properly, is recommended. This can be done by operating the machine and checking to see that the burner is not firing when the spray gun is in the off position.

Fuel Pressure Adjustment

To control water temperature, adjust fuel pressure by turning the regulating pressure adjusting screw clockwise to increase, counterclockwise to decrease. Do not exceed 200 psi. **NOTE:** When changing fuel pump, a bypass plug must be installed in return port or fuel pump will not prime.



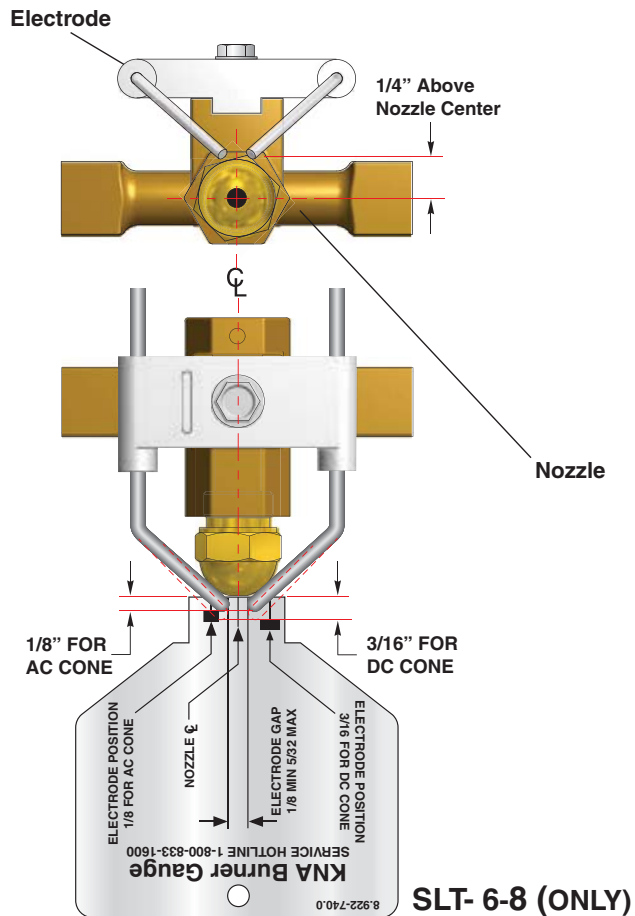
SLX-10 (ONLY)

Burner Nozzle

Keep the tip free of surface deposits by wiping it with a clean, solvent-saturated cloth, being careful not to plug or enlarge the nozzle. For maximum efficiency, replace the nozzle each season.

Electrode Setting

See illustration below



SLT-6-8 (ONLY)

Burner Air Adjustment

The oil burner on this machine is preset for operation at altitudes below 500 feet. If operated at higher altitudes, it may be necessary to adjust the air band setting. Adjust air band for a #1 or #2 smoke spot on the Bacharach scale. If a smoky or eye-burning exhaust is being emitted from the stack, two things should be checked. First, check the fuel to be certain that kerosene or No.1 home heating fuel is being used. Next, check the air adjustment on the burner. An oily, smoky fire indicates a lack of air and the air band should be moved to allow the air to flow through the burner. Sharp eye-burning fumes indicate too much air

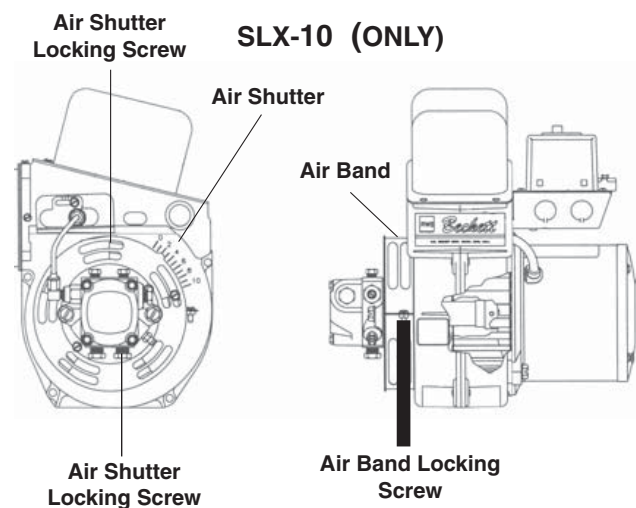
flowing through the combustion chamber. The air band should be readjusted to allow less air to flow through the burner.

CAUTION: If white smoke appears from burner exhaust vent during start-up or operation, discontinue use and readjust air bands.

NOTE: If a flue is installed, have a professional serviceman adjust your burner for a #1 or #2 smoke spot on the Bacharach scale.

For additional burner component information, see Burner Assembly page. It is recommended that the oil burner be serviced yearly or as needed. Contact your local service center.

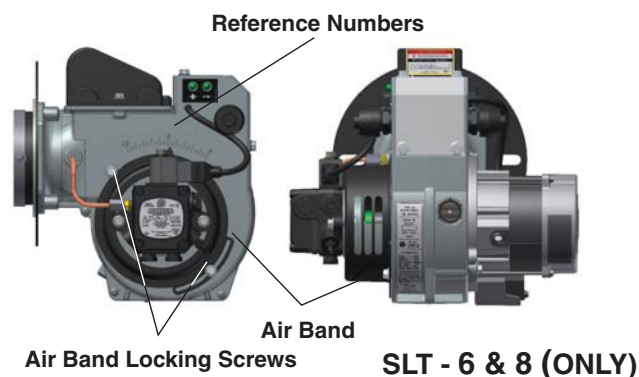
Beckett Burner Air Adjustment



To adjust, start the machine and turn burner ON. Loosen two locking screws found in the air shutter openings (see illustration) and close air shutter until black smoke appears from burner exhaust vent. Note air band position. Next, slowly open the air shutter until white smoke just starts to appear. Turn air shutter halfway back to the black smoke position previously noted. Tighten locking screws.

If the desired position cannot be obtained using only the air shutter, lock the air shutter in as close a position as can be obtained, then repeat the above procedure on the air band setting.

LANDA Surefire Burner Air Adjustment



To adjust, start machine and turn burner ON. Loosen two locking screws found on the air band and close air band until black smoke appears from burner exhaust vent. Note air band position. Next, slowly open the air band until white smoke just starts to appear. Turn air band halfway back to the previously noted position. Tighten locking screws.

Coil Removal

Coil removal, because of freeze breakage or to clean soot from it, can be done quickly and easily.

1. Disconnect hose from pump to inlet side of the coil.
2. Carefully disconnect the thermostat sensor making sure you do not crimp the capillary tube.
3. Remove burner assembly from combustion chamber.
4. Remove the 3-3/8" bolts from each side of coil and tank assembly (these bolts are used to fasten tank to chassis).
5. Remove fittings connected to the 1/2" pipe nipples from inlet and discharge sides of coil.
6. Remove top tank wrap, bend back insulation tabs and fold back blanket.
7. Remove bolts that hold down coil to bottom wrap.
8. Remove coil.
9. Replace or repair the coil and any insulation found to be broken or torn.
10. Remove insulation retainer plates.

Coil Reinstallation

Reinstall new or cleaned coil reversing Steps 9 through 1.

Troubleshooting

PROBLEM	POSSIBLE CAUSE	SOLUTION
LOW OPERATING PRESSURE	Faulty pressure gauge	Install new gauge.
	Insufficient water supply	Use larger supply hose; clean filter at water inlet.
	Old, worn or incorrect spray nozzle	Match nozzle number to machine and/or replace with new nozzle.
	Belt slippage	Tighten or replace; use correct belt.
	Plumbing or hose leak	Check plumbing system for leaks. Retape leaks with teflon tape.
	Faulty or misadjusted unloader valve	Adjust unloader for proper pressure. Install repair kit when needed.
	Worn packing in pump	Install new packing kit.
	Fouled or dirty inlet or discharge valves in pump	Clean inlet and discharge valves.
	Worn inlet or discharge valves	Replace with valve kit.
	Leaking pressure control valve	Rebuild or replace as needed.
	Slow engine RPM	Set engine speed at proper specifications.
	Pump sucking air	Check water supply and possibility of air seepage.
	Gasoline engine altitude	The gasoline engine is preset for operation at altitudes below 1000 feet above sea level. If operated at higher altitudes, it may be necessary to install a high altitude main jet in the carburetor. Contact your local authorized engine sales and service center for details.
	Valves sticking	Check and clean or replace if necessary.
	Unloader valve seat faulty	Check and replace if necessary.
BURNER WILL NOT LIGHT	Little or no fuel	Fill tank with fuel.
	Improper fuel or water in fuel	Drain fuel tank and fill with proper fuel.
	Clogged fuel line	Clean or replace.
	Plugged fuel filter	Replace as needed.
	Misadjusted burner air bands	Replace air bands for clean burn.
	Little or no fuel pressure from fuel pump	Increase fuel pressure to specifications and/or replace fuel pump. Test with pressure gauge.
	Faulty burner transformer	Test transformer for proper arc between contacts. Replace as needed.
	Disconnected or short in electrical wiring	All wire contacts should be clean and tight. No breaks in wires.
	Flex coupling slipping on fuel pump shaft or burner motor shaft	Replace if needed.
	On-Off switch defective	Check for electrical current reaching burner assembly with burner switch on.
	Heavy sooting on coil and burner can cause interruption of air flow and shorting of electrodes	Clean as required.
	Improper electrode setting	Check and reset according to diagram in Operator's Manual
	(Continued on next page)	

PROBLEM	POSSIBLE CAUSE	SOLUTION
BURNER WILL NOT LIGHT <i>(continued from previous page)</i>	Fuel reaching combustion chamber	Check fuel pump for proper flow. Check solenoid flow switch on machines with spray gun control, for proper on-off fuel flow control.
	Clogged burner nozzle	Clean as required.
	Thermostat faulty or slow engine speed	Increase engine RPM to increase voltage.
	Flow switch malfunction	Remove, test for continuity and replace as needed.
	Flow solenoid malfunction	Replace if needed.
FLUCTUATING PRESSURE	Valves worn	Check and replace if necessary.
	Blockage in valve	Check and replace if necessary.
	Pump sucking air	Check water supply and air seepage at joints in suction line.
	Worn piston packing	Check and replace if necessary.
	Gasoline engine altitude	The gasoline engine is preset for operation at altitudes below 1000 feet above sea level. If operated at higher altitudes, it may be necessary to install a high altitude main jet in the carburetor. Contact your local authorized engine sales and service center for details.
MACHINE SMOKES WHILE BURNER UNIT IS RUNNING OR UNIT SMOKES AT COLD-START ONLY WHEN BURNER IS OFF	Fuel is improper or water is in fuel	Drain tank and replace contaminated fuel
	Air adjustment is improper	Readjust air bands on burner assembly
	Fuel pressure is low <140 psi for burner	Adjust fuel pump pressure to specifications
	Plugged or dirty burner nozzle	Replace nozzle Check parts breakdown for nozzle size.
	Faulty burner nozzle spray pattern	Replace nozzle Check parts breakdown for nozzle size
	Coil and burner assembly have heavy accumulation of soot	Remove coils and burner assembly, clean thoroughly Call local dealer.
	Smoke stack has obstruction	Check for insulation blockage or other foreign objects
	Engine RPM is low	Increase RPM to correct specs. See serial plate.
	Fuel Pressure is too high for clean burn (fuel PSI above >140 and below 200) and smokes when burner is off	Reduce fuel pressure PSI/Increase air band set for cleaner without max water heat loss
LOW WATER TEMPERATURE	Improper fuel or water in fuel	Replace with clean and proper fuel.
	Low fuel pressure	Increase fuel pressure.
	Weak fuel pump	Check fuel pump pressure. Replace pump if needed.
	Fuel filter partially clogged	Replace as needed.
	Soot build-up on coils not allowing heat transfer	Clean coils.
	Improper burner nozzle	See specifications.

PROBLEM	POSSIBLE CAUSE	SOLUTION
PUMP NOISY	Air in suction line	Check water supply and connections on suction line.
	Broken or weak inlet or discharge valve springs	Check and replace if necessary.
	Excessive matter in valves	Check and clean if necessary.
	Worn bearings	Check and replace if necessary.
PRESENCE OF WATER IN OIL	Oil seal worn	Check and replace if necessary.
	High humidity in air	Check and change oil twice as often.
WATER DRIPPING FROM UNDER PUMP	Piston packing worn	Check and replace if necessary.
	O-Ring plunger retainer worn	Check and replace if necessary.
	Cracked piston	Check and replace if necessary.
	Pump protector	Lower water supply pressure. Do not run with spray gun closed longer than 5 minutes.
OIL DRIPPING	Oil seal worn	Check and replace if necessary.
EXCESSIVE VIBRATION IN DELIVERY LINE	Irregular functioning of the valves	Check and replace if necessary.
DETERGENT NOT DRAWING	Air leak	Tighten all clamps. Check detergent lines for holes.
	Restrictor in float tank is missing	Replace restrictor. Check for proper orifice in restrictor.
	Filter screen on detergent suction hose plugged	Clean or replace.
	Dried up detergent plugging metering valve	Disassemble and clean thoroughly.
	High viscosity of detergent	Dilute detergent to specifications.
	Hole in detergent line(s)	Repair hole.
	Low detergent level	Add detergent, if needed.
BURNER MOTOR WILL NOT RUN	Fuel pump seized	Replace fuel pump.
	Burner fan loose or misaligned	Position correctly, tighten set screw.
	Defective control switch	Replace switch.
	Loose wire	Check and replace or tighten wiring.
	Defective burner motor	Replace motor.
RELIEF VALVE/ RUPTURE DISK LEAKS WATER	Excessive pressure, thermal expansion	Replace or repair

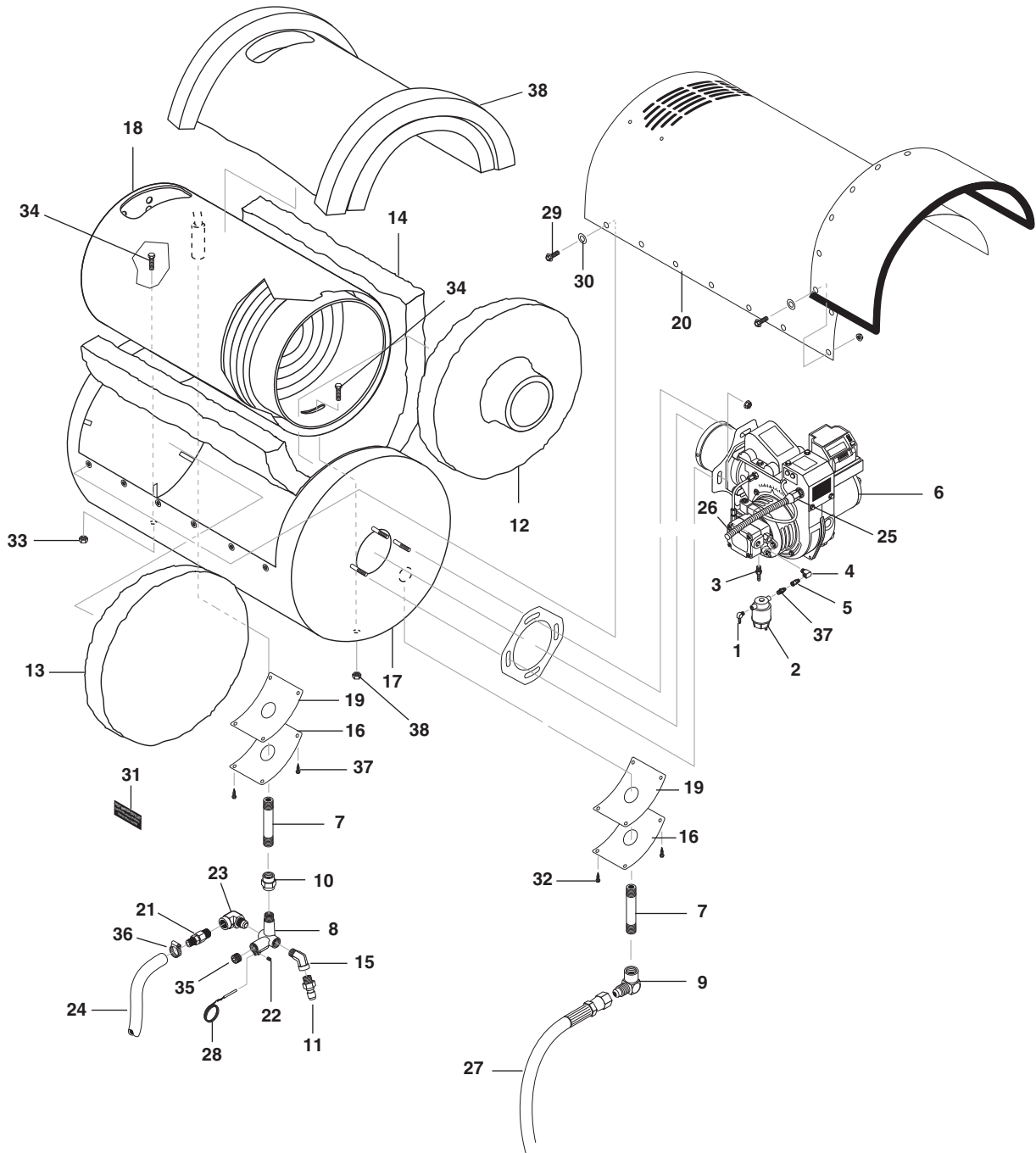
Parts

LANDA SLT / SLX GASOLINE ENGINE

SLT6-30224E
1.110-520.0

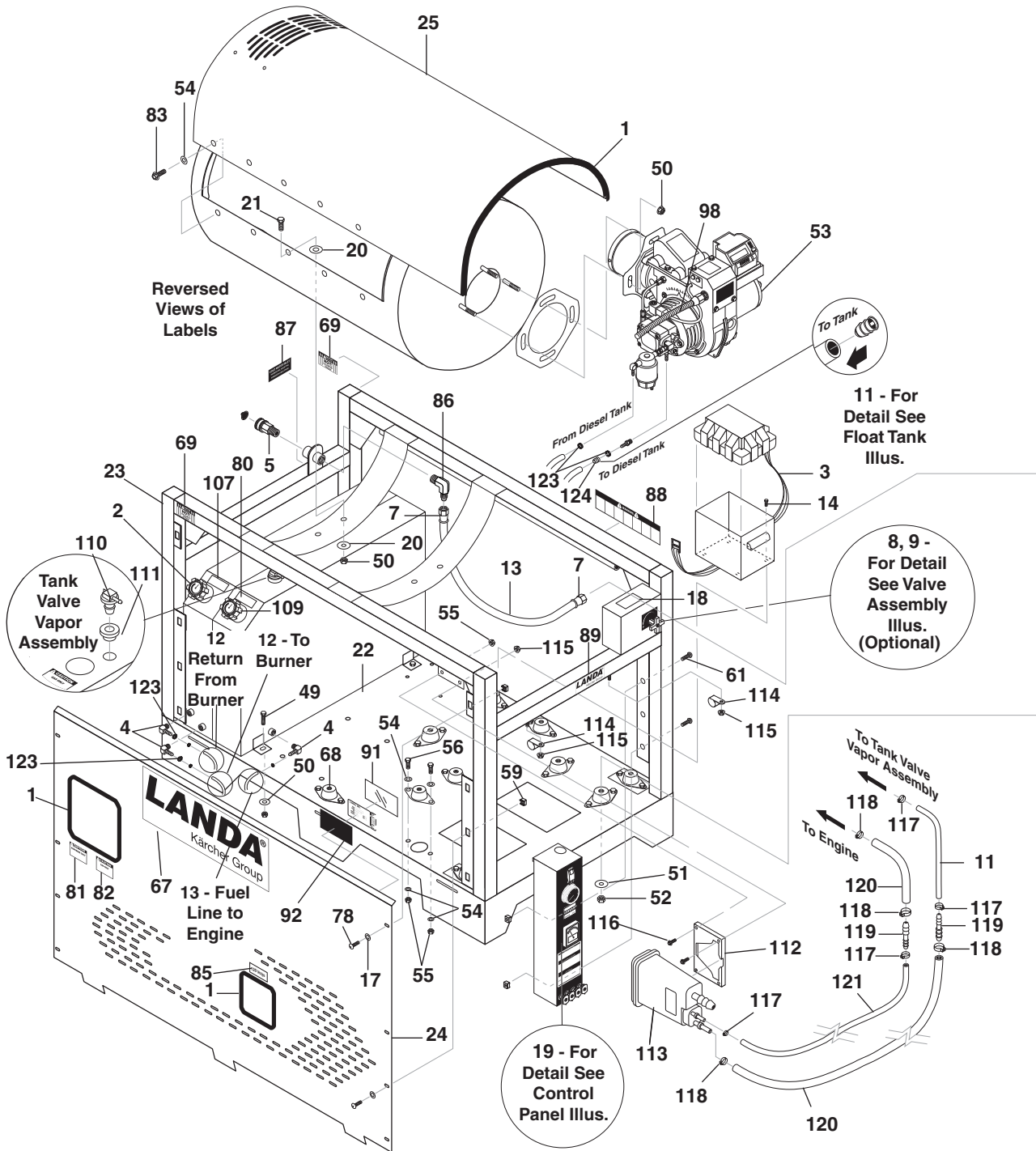
SLT8-30324E
1.110-522.0

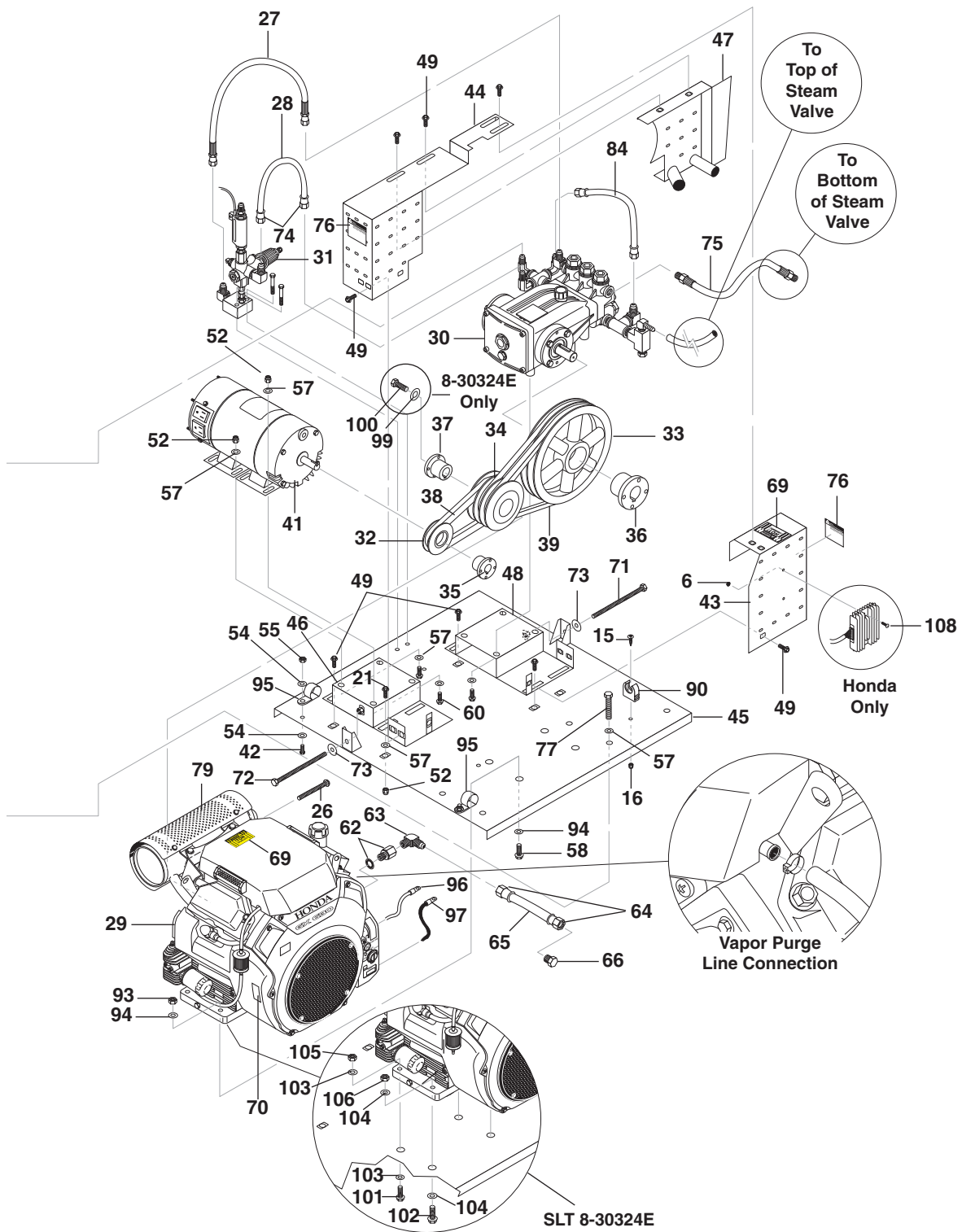
SLX10-25324E
1.110-525.0



REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.706-958.0	1	HOSE BARB, 1/4" BARB X 1/4" PIPE, 90°	
2	8.709-158.0	1	FILTER, FUEL/H2O SEPARATOR	
3	8.706-941.0	1	HOSE BARB, 1/4" BARB X 1/4" ML PIPE	
4	8.706-827.0	1	ELBOW, 1/4" STREET	
5	8.752-113.0	1	ADAPTER, 1/4"	
6	8.920-650.0	1	BURNER, KNA-L, 120V, 3" F310 120V	
7	9.802-013.0	2	NIPPLE, 1/2" X 2 1/2", GALVANIZED, SCH80	
8	9.149-003.0	1	MANIFOLD COIL OUTLET DISCHARGE	
9	9.802-043.0	1	ELBOW, 1/2" JIC X 1/2" FEMALE, 90°	
10	8.706-141.0	1	COUPLING, 1/2" HEX PIPE	
11	9.802-171.0	1	NIPPLE, 3/8" X 3/8" NPT ST MALE	
12	8.717-474.0	1	INSULATION, TANK HEAD 24" W/HOLE	
13	8.717-475.0	1	INSULATION, TANK HEAD 24"	
14	8.717-476.0	1	INSULATION, 1 CUT BLANKET	
15	9.802-041.0	1	ELBOW, 3/8" STREET 45°	
16	8.912-220.0	2	INSULATION RETAINER PLATE	
17	8.912-449.0	1	WRAP, BOTTOM, 24"	
18	8.912-736.0	1	ASSEMBLY, COIL SLT SKID	
19	8.933-009.0	2	GASKET, BURNER PLATE	
20	8.912-467.0	1	TOP WRAP	
21	8.707-381.0	1	RUPTURE DISC ASSY, 8500#	
22	9.196-012.0	1	SCREW, 10-24 X 1/4"	
23	9.802-024.0	1	ELBOW, 3/8" MPT X 1/2" FPT STREET, STEEL	
24	9.802-260.0	33"	HOSE, PUSH-ON 5/8"	
25	8.716-547.0	2	CONNECTOR, 1/2" STRAIGHT	
26	9.802-448.0	18"	CONDUIT, TIGHT FLEX	
27	8.918-422.0	1	HOSE, 3/8" X 20" 2 WIRE, PRESSURE LOOP	
28	8.750-095.0	1	THERMOSTAT, 120C/240F	
29	9.803-541.0	10	SCREW, 5/16"-18 X 1/2" CS SOC, BN, NC, ZN	
30	8.718-980.0	10	WASHER, 5/16" FLAT	
31	9.800-021.0	1	LABEL, HOT WATER OUTLET	
32	9.802-797.0	8	SCREW, SS #10 X 1/2" HEX	
33	9.802-781.0	2	NUT, 3/8" NC	
34	9.802-768.0	2	SCREW, 3/8 X 11/4	
35	8.706-248.0	1	PLUG, 3/8" ALLEN COUNTER SUNK	
36	9.803-559.0	1	CLAMP, SCREW, 9/16"W, 1-1/4"D, SS	
37	8.752-114.0	1	NIPPLE, 1/4"	
38	8.755-185.0	2	INSULATION, BLANKET-NO FOIL, 3"x 57" X 1"	

SLT 6-32324E
SLT 8-30324E



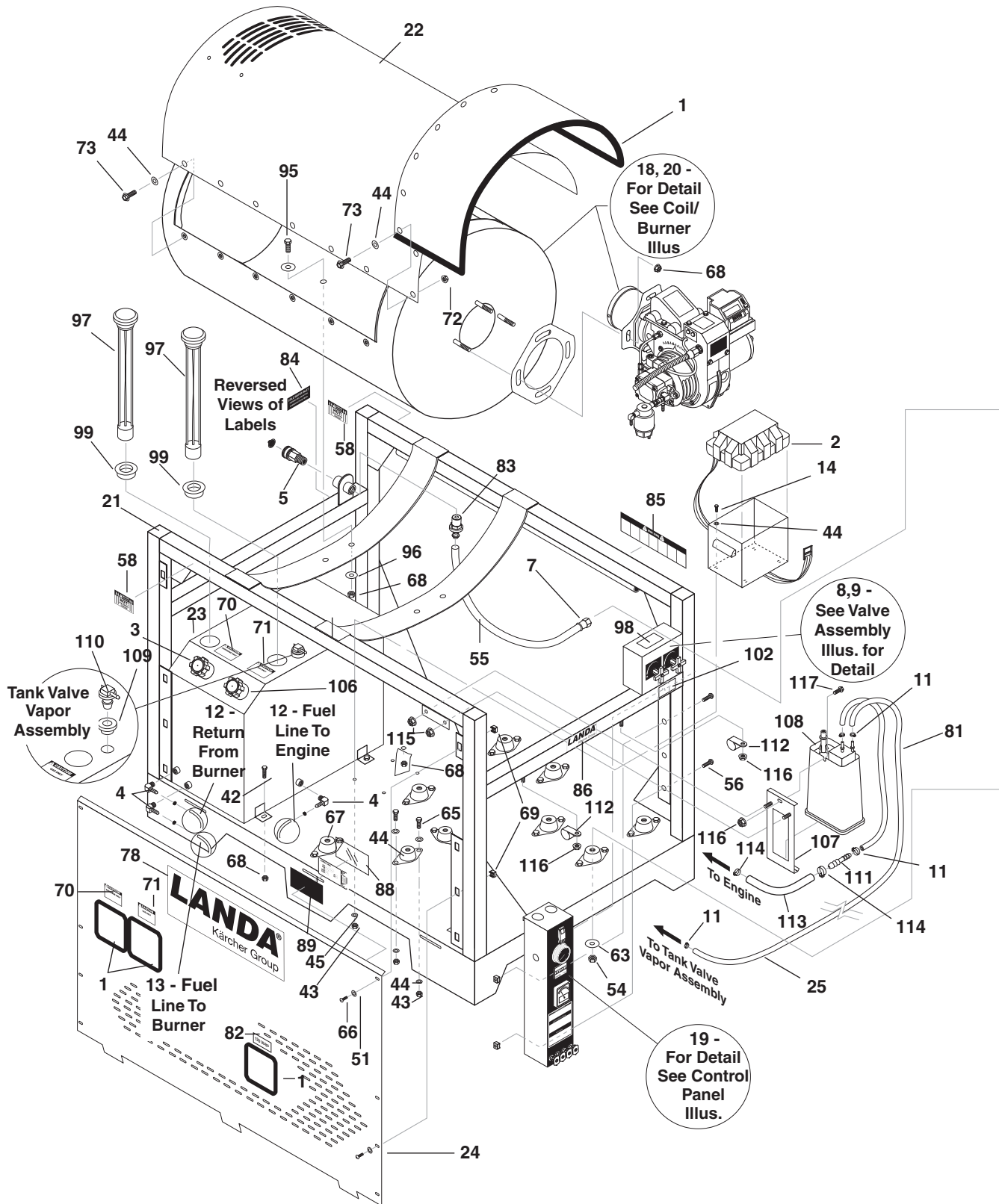


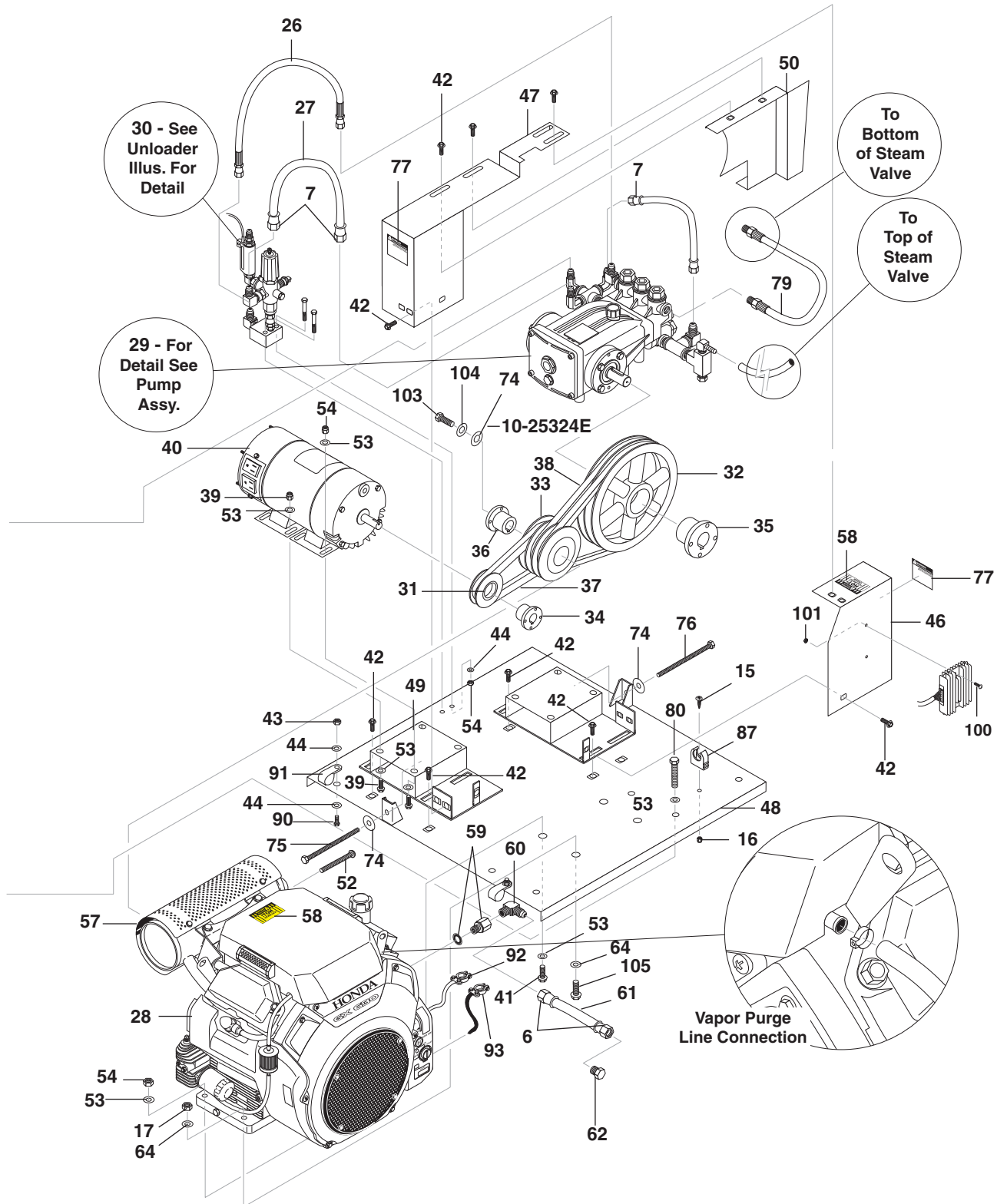
REF	PART NO.	QTY	DESCRIPTION	NOTES
1	9.802-071.0	9.5 ft.	TRIM, 750 B2 X 1/16", BLK	
2	8.751-058.0	1	CAP, DIESEL FUEL W/GAUGE	
3	8.706-652.0	1	BATTERY BOX, SMALL	
4	8.706-958.0	3	HOSE BARB, 1/4" BARB x 1/4" MPT, 90 DGR	
5	9.802-146.0	1	SWIVEL, 1/2" MP X 3/4" GHF W/STRAINER	
6	9.802-695.0	2	NUT, 10/32 KEPS	
7	9.802-152.0	1	SWIVEL, 3/4" SAE FEMALE, PUSH-ON	
8	8.902-427.0	1	VALVE ASSY, DETERGENT, SKID	
9	8.902-430.0	1	VALVE ASSY, STEAM	
10	6.390-126.0	4	CLAMP, HOSE	NOT SHOWN
11	8.932-960.0	1	LABEL, DIESEL	
12	9.802-254.0	2	HOSE, 1/4" X 92" PUSH-ON, FUEL LINE	
13	9.802-261.0	38"	HOSE, 3/4" PUSH-ON	
14	9.803-541.0	2	SCREW, 5/16 X 1/2	
15	9.802-764.0	1	SCREW, 10/32" X 3/4", HEX	
16	9.802-695.0	1	NUT, 10/32" KEPS	
17	8.718-978.0	8	WASHER, 1/4" SPLIT RING LOCK	
18	9.800-049.0	1	LABEL, MANUFACTURER'S CLEANING SOLUTION	
19	-	1	ASSY, CONTROL BOX, SLT/SLX	
20	9.802-811.0	8	WASHER, 3/8" X 1-1/2" FENDER	
21	9.802-768.0	4	SCREW, 3/8" X 1-1/4" WHIZ	
22	8.920-476.0	1	WLMT, SLT FUEL TANK	
23	8.912-452.0	1	ASSY, GAS FRAME	
24	8.912-453.0	1	PANEL, COVER, 16 GAUGE, MS	
25	8.912-467.0	1	WRAP, TOP, 16 GAUGE SS, #4 BRUSHED, SLT	
26	8.718-781.0	1	SCREW, PAN HEAD	
27	8.918-225.0	1	HOSE, 1/2" X 28", 2 WIRE, PRESSURE LOOP	
28	9.802-259.0	18"	HOSE, 1/2" PUSH-ON	(6-32324E)
-	9.802-261.0	27"	HOSE, 3/4" PUSH-ON	(8-30324E)
29	-	-	ENGINE	SEE SPECIFICATIONS PAGES
30	8.905-022.0	1	PUMP ASSY.	(8-30324E)
-	8.905-010.0	1	PUMP ASSY.	(6-32324E)
31	8.905-422.0	1	UNLOADER ASSY.	(6-32324E)
-	8.905-433.0	1	UNLOADER ASSY.	(8-30324E)
32	-	-	GENERATOR PULLEY	SEE SPECIFICATIONS PAGES
33	-	-	PUMP PULLEY	SEE SPECIFICATIONS PAGES
34	-	-	ENGINE PULLEY	SEE SPECIFICATIONS PAGES
35	-	-	GENERATOR BUSHING	SEE SPECIFICATIONS PAGES
36	-	-	PUMP BUSHING	SEE SPECIFICATIONS PAGES
37	-	-	ENGINE BUSHING	SEE SPECIFICATIONS PAGES
38	-	-	GENERATOR BELT	SEE SPECIFICATIONS PAGES
39	-	-	BELTS	SEE SPECIFICATIONS PAGES

REF	PART NO.	QTY	DESCRIPTION	NOTES
40	8.716-011.0	6 ft.	CONDUIT, FLEXO	NOT SHOWN
41	8.716-610.0	1	GENERATOR, 2FSM2PC-1/A, WINCO	
42	8.718-618.0	2	BOLT, 5/16" X 3/4"	
43	8.912-457.0	1	ASSY, BELT GUARD, PUMP	
44	8.912-468.0	1	ASSY, GAS BELT GUARD, GEN.	
45	8.912-460.0	1	ASSY, GAS POWER PLATFORM	(6-3200)
-	8.915-014.0	1	ASSY, GAS POWER PLATFORM	(8-30324E)
46	8.912-465.0	1	ASSY, GAS GENERATOR SLIDE, MILD STEEL	
47	8.912-456.0	1	BELT GUARD, RIGHT, MIDDLE	
48	8.912-461.0	1	ASSY, GAS PUMP, PLATE	
49	9.802-767.0	23	SCREW, 3/8" X 3/4" HH NC, WHIZ	
50	9.802-781.0	11	NUT, 3/8" FLANGE, WHIZ-LOC	
51	9.802-099.0	10	WASHER, SNUBBING	
52	8.725-395.0	20	NUT, 3/8" ESNA, NC	
53	8.920-650.0		BURNER, SUREFIRE	
-	8.755.048.0	1	3.50 NOZZLE W/100 PSI CHECK VALVE	(6-3000) NOT SHOWN
-	8.755-049.0	1	4.00 NOZZLE W/100 PSI CHECK VALVE	(8-3000) NOT SHOWN
54	8.718-980.0	63	WASHER, 5/16" FLAT, SAE	
55	9.802-776.0	20	NUT, 5/16" ESNA, NC	
56	9.802-710.0	20	BOLT, 5/16" X 1", NC HH	
57	8.725-394.0	24	WASHER, 3/8" SAE, FLAT	
58	9.802-728.0	4	BOLT, 3/8" X 2", NC HH	(6-32324E)
59	9.802-794.0	8	NUT, CAGE, 1/4" X 12 GAUGE	
60	9.802-720.0	4	BOLT, 3/8" X 1" NC, HH	
61	9.802-754.0	4	SCREW, 1/4" X 1/2"	
62	8.750-737.0	1	ADAPTER, HONDA, M20-1.50 X 3/8" FPT	
63	9.802-039.0	1	ELBOW, 1/2" JIC, 3/8", 90	
64	9.802-151.0	2	SWIVEL, 1/2" JIC FEM, PUSH-ON	
65	9.802-259.0	9"	HOSE, 1/2" PUSH-ON	
66	9.802-126.0	1	PLUG, 1/2" JIC, FLARE	
67	8.900-802.0	1	LABEL, LANDA STRIPE	
68	9.802-057.0	10	ISOLATOR, VIBRATION MOUNT, 100 LB.	
69	9.800-006.0	4	LABEL, "HOT/CALIENTE"	
70	8.900-282.0	1	LABEL, RPM FACTORY SET	
71	9.803-845.0	1	BOLT, 1/2" X 5", NC HH TAP	
72	9.802-740.0	1	BOLT, 1/2" X 3-1/2", NC	
73	9.802-800.0	2	WASHER, 1/2" FLAT	
74	9.802-151.0	2	SWIVEL, 1/2" JIC FEM., PUSH-ON	(6-32324E)
-	9.802-152.0	2	SWIVEL, 3/4" PUSH-ON, FEMALE	(8-30324E)
75	8.918-183.0	1	HOSE, 1/4" X 28", 2 WIRE, PRESSURE LOOP	
76	8.932-965.0	2	LABEL, WARNING-EXPOSED PULLEYS	

REF	PART NO.	QTY	DESCRIPTION	NOTES
77	9.802-730.0	10	BOLT, 3/8" X 2-1/2" GR5 ZINC	
78	9.804-003.0	8	SCREW, 1/4" X 3/4" BH SOC	
79	8.750-498.0	1	MUFFLER, HONDA, GX630/GX660, LEFT	(6-32324E, 8-30324E)
-	8.739-597.0	2	BOLT, FLANGE, M8 X 20	(6-32324E, 8-30324 E)
80	8.916-274.0	1	LABEL, GAS	
81	9.800-002.0	1	LABEL, USE ONLY KEROSENE	
82	9.800-001.0	1	LABEL, TANK FOR GAS ONLY	
83	9.803-541.0	10	SCREW, 5/16"-18 X 1/2" CS SOC,BN, NC, ZN	
84	9.802-261.0	20"	HOSE, 3/4" PUSH-ON	
85	9.800-022.0	1	LABEL, 120V	
86	8.707-020.0	1	PUSH-ON, 1/2" MPT X 3/4" BARB	
87	9.800-020.0	1	LABEL, COLD WATER INLET	
88	9.800-036.0	1	LABEL, WARNING PICTORIAL	
89	8.900-300.0	1	LABEL, LANDA	
90	9.802-203.0	1	CLAMP, 1/2" RO-CLIP	
91	9.800-034.0	1	LABEL, CLEAR LEXAN, 2-1/4" X 4-1/2"	
92	8.932-968.0	1	LABEL, FOR OUTDOOR USE	
93	8.725-395.0	4	NUT, 3/8" ESNA, NC	(6-32324E)
94	8.725-394.0	8	WASHER, 3/8" FLAT, SAE	(6-32324E)
95	9.802-206.0	2	CLAMP, HOSE	
96	9.803-836.0	48"	WIRE, RED, 6 GAUGE	
97	9.803-837.0	48"	WIRE, BLACK, 6 GAUGE	
98	9.802-448.0	22 - 13/16"	CONDUIT, WTR. TIGHT, FLEX 1/2 100'/BOX	
99	8.718-988.0	1	WASHER 7/16, USS, FLAT	
100	8.731-276.0	1	TAP BOLT, 7/16 - 20 X 1-1/2	
101	9.802-728.0	2	THREADED BOLT 3/8" X 2"	(8-30324E)
102	8.725-320.0	2	7/16 - 14 X 2 HEX TAP BOLT ZC	(8-30324E)
103	9.802-807.0	4	WASHER 3/8" SAE FLAT	(8-30324E)
104	9.802-809.0	4	1/2" SAE FLAT WASHER ZC	(8-30324E)
105	9.802-779.0	2	NUT, 3/8" ESNA, NC	(8-30324E)
106	8.725-319.0	2	NUT, 7/16 - 14 NYL ZC	(8-30324E)
107	8.932-960.0	1	LABEL, DIESEL	
108	9.802-764.0	2	SCREW, 10/32 X 3/4"	
109	8.751-057.0	1	CAP, RATCHET, NO VENT	
110	8.751-059.0	1	VENT, REMOTE ASSEMBLY	
111	8.751-215.0	1	GROMMET, REMOTE VENT	
112	8.920-497.0	1	BRACKET, 1.2L CANISTER	
113	8.751-381.0	1	CARBON CANISTER, 1.2L	
114	9.802-207.0	4	CLAMP, WIRE/TUBE 0.687 DIA	
115	9.802-775.0	6	NUT, 1/4" FLANGE, ZN	
116	9.802-752.0	2	SCREW, 1/4" X 1-1/4"	
117	8.753-066.0	4	CLAMP, 1 EAR (#7)	

REF	PART NO.	QTY	DESCRIPTION	NOTES
118	8.753-065.0	4	CLAMP, 1 EAR (#10)	
119	8.753-270.0	2	REDUCER, CONNECTOR 3/8" X 1/4"	(6032324E), (8-30324E)
120	8.711-785.0	36"	HOSE, 3/8" PUSH-ON	
121	9.802-254.0	7 ft	HOSE, 1/4" PUSH-ON	
122	8.932-960.0	1	LABEL, DIESEL	
123	8.709-069.0	4	CLAMP, SCREW, 5/16" W, 1/4" X 5/8" D, SS	
124	8.754-911.0	1	CHECK VALVE, 1 WAY, 1/4" BARB	



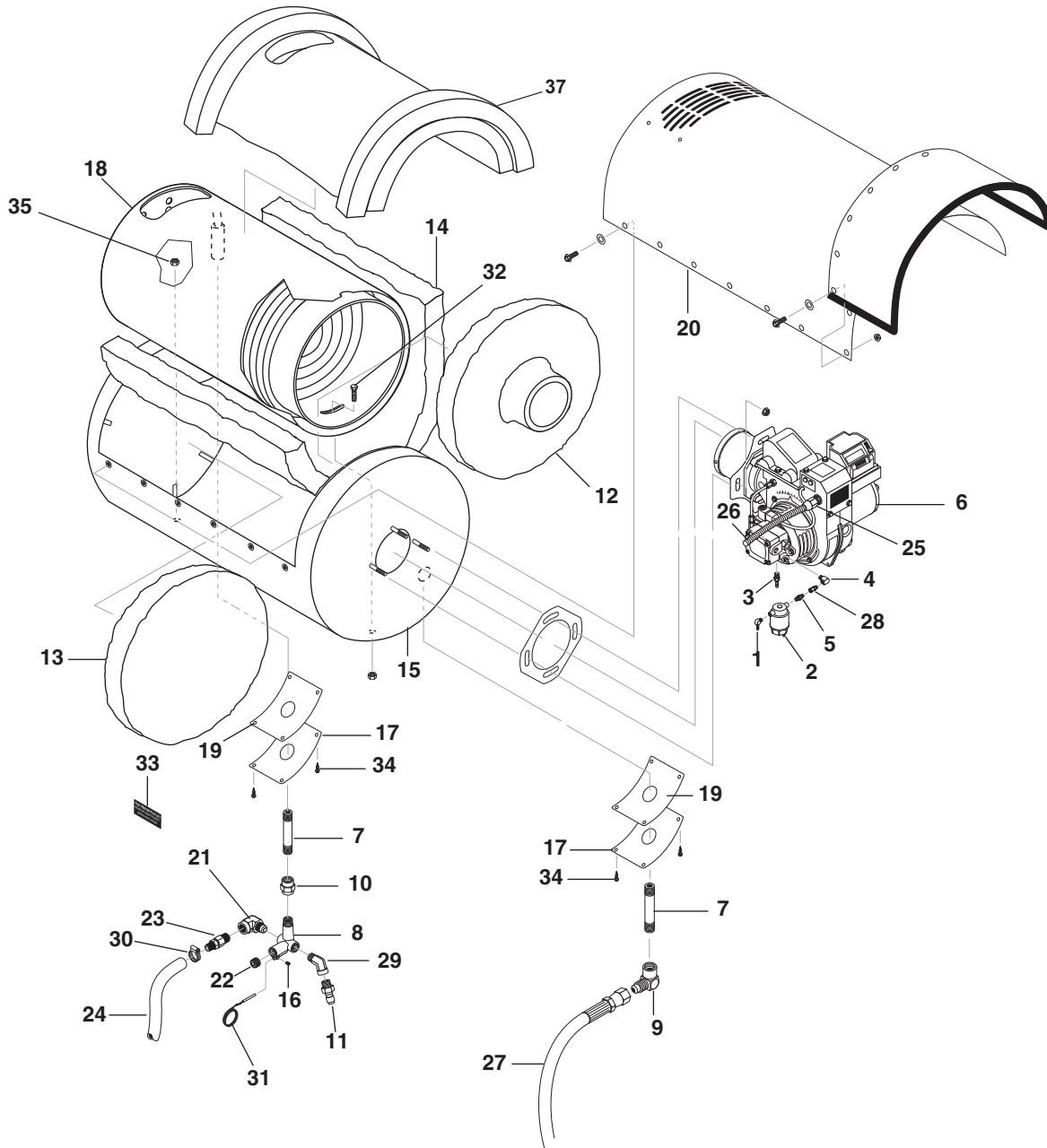


REF	PART NO.	QTY	DESCRIPTION	NOTES
1	9.802-071.0	11.25 ft.	TRIM, 750 B2 X 1/16", BLACK	
2	8.706-600.0	1	BATTERY BOX, LARGE	
3	9.802-089.0	1	CAP, FUEL	
4	8.706-958.0	3	HOSE BARB, 1/4" BARB x 1/4" MPT, 90 DGR	
5	9.802-146.0	1	SWIVEL, 1/2" MP X 3/4" GHF W/STRAINER	
6	9.802-151.0	2	SWIVEL, 1/2" JIC FEMALE, PUSH-ON	
7	9.802-152.0	4	SWIVEL, 3/4" SAE FEMALE, PUSH-ON	
8	8.902-427.0	1	VALVE ASSY, DETERGENT, SKID	
9	8.902-430.0	1	VALVE ASSY, STEAM	
10	6.390-126.0	8	CLAMP, HOSE	NOT SHOWN
11	8.753-066.0	4	CLAMP, 1 EAR 12.6MM - 14.5MM, (#7)	
12	9.802-254.0	2	HOSE, 1/4" X 92", FUEL LINE	
13	9.802-261.0	38"	HOSE, 3/4" PUSH-ON	
14	9.803-541.0	2	SCREW, 5/16 X 1/2	
15	9.802-764.0	1	SCREW, 10/32" X 3/4" HEX	
16	9.802-695.0	1	NUT, 10/32" KEPS	
17	8.725-319.0	2	NUT, 7/16 NYLOC	(10-25324E)
18	-	1	COIL ASSY, SLT	SEE COIL / BURNER
19	-	1	ASSY, CONTROL BOX, SLT/SLX 1	
20	-	1	BURNER ASSY, SLT	(8-10GPM) SEE COIL / BURNER
21	8.911-233.0	1	ASSY, FRAME, MILD STEEL	
22	8.911-236.0	1	WRAP, TOP, 16 GAUGE 340SS, #4 BRUSH	
23	8.920-470.0	1	ASSY, FUEL TANK	
24	8.912-451.0	1	PANEL, GAS COVER, 16 GAUGE, MS, SLT	
25	9.802-254.0	13 ft	HOSE, 1/4" PUSH-ON	
26	8.918-225.0	1	HOSE, 1/2 X 28", 2 WIRE, PRESSURE LOOP	
27	9.802-261.0	18"	HOSE, 3/4" PUSH-ON	
28	-	-	ENGINE	SEE SPECIFICATIONS PAGES
29	8.905-026.0	1	PUMP ASSY, SLT10-2	
30	8.905-433.0	1	UNLOADER, ASSEMBLY, SLX	
31	-	-	GENERATOR PULLEY	SEE SPECIFICATIONS PAGES
32	-	-	PUMP PULLEY	SEE SPECIFICATIONS PAGES
33	-	-	ENGINE PULLEY	SEE SPECIFICATIONS PAGES
34	-	-	GENERATOR BUSHING	SEE SPECIFICATIONS PAGES
35	-	-	PUMP BUSHING	SEE SPECIFICATIONS PAGES
36	-	-	ENGINE BUSHING	SEE SPECIFICATIONS PAGES
37	-	-	GENERATOR BELT	SEE SPECIFICATIONS PAGES
38	-	-	BELTS	SEE SPECIFICATIONS PAGES
39	9.802-720.0	4	BOLT, 3/8" X 1" NC HH	
40	8.716-610.0	4	GENERATOR, 2FSM2PC-1/A, WINCO	
41	9.802-728.0	2	BOLT, 3/8" X 2", NC, HH	(10-25324E)

REF	PART NO.	QTY	DESCRIPTION	NOTES
42	9.802-767.0	23	SCREW, 3/8" X 3/4", HH, NC, WHIZ	
43	9.802-776.0	24	NUT, 5/16" ESNA, NC	
44	8.718-980.0	67	WASHER, 5/16" FLAT, SAE	
45	9.802-813.0	2	WASHER, 5/16" LOCK, SPLIT	
46	8.912-457.0	1	ASSY, BELT GUARD, PUMP	
47	8.912-468.0	1	ASSY, GAS BELT GUARD, MILD STEEL, LEFT	
48	8.915-014.0	1	ASSY, GAS POWER PLATFORM	(10-25324E)
49	8.912-465.0	1	ASSY, GAS GENERATOR SLIDE, MILD STEEL	
50	8.912-456.0	1	BELT GUARD, MIDDLE	
51	8.718-978.0	8	WASHER, 1/4" SPLIT RING LOCK	
52	8.718-781.0	1	SCREW, PAN HEAD	
53	8.725-394.0	28	WASHER, 3/8" SAE, FLAT	
54	8.725-395.0	22	NUT, 3/8" ESNA, NC	
55	9.802-261.0	38"	HOSE, 3/4" PUSH-ON	
56	9.802-754.0	4	SCREW, 1/4" X 1/2" HH NC, WHIZ LOC	
57	8.750-498.0	1	MUFFLER, HONDA, GX630/GX660, LEFT	
-	8.739-597.0	2	BOLT, FLANGE, M8 X 20	NOT SHOWN
58	9.800-006.0	4	LABEL, "HOT/CALIENTE"	
59	8.750-737.0	1	ADAPTER, HONDA, M20-1.5 X 3/8" FPT	
60	9.802-039.0	1	ELBOW, 1/2" JIC, 3/8", 90°	
61	9.802-259.0	9"	HOSE, 1/2" PUSH-ON	
62	9.802-126.0	1	PLUG, 1/2" JIC, FLARE	
63	9.802-099.0	10	WASHER, SNUBBING	
64	9.802-809.0	4	WASHER 1/2 FLAT	(10-25324E)
65	9.802-710.0	20	BOLT, 5/16" X 1", NC HH	
66	9.804-003.0	8	SCREW, 1/4" X 3/4" BH SOC CS	
67	9.802-057.0	10	ISOLATOR, VIBRATION MOUNT	
68	9.802-781.0	11	NUT, 3/8" FLANGE, WHIZ LOC, NC	
69	9.802-794.0	8	NUT CAGE, 1/4" X 12 GAUGE	
70	9.800-002.0	2	LABEL, USE KEROSENE ONLY	
71	9.800-001.0	2	LABEL, THIS TANK FOR GAS ONLY	
72	9.802-778.0	9	NUT, 5/16" FLANGE, WHIZ LOC	
73	9.803-541.0	21	SCREW, 5/16"-18 X1/2", CS SOC BH NC ZN	
74	9.802-800.0	3	WASHER, 1/2" FLAT	
75	9.802-740.0	1	BOLT, 1/2" X 3-1/2" NC	
76	9.803-845.0	1	BOLT, 1/2" X 5" NC HH TAP	
77	8.932-965.0	2	LABEL, WARNING -EXPOSED PULLEYS	
78	8.900-802.0	1	LABEL, LANDA STRIPE	
79	8.918-182.0	1	HOSE, 1/4" X 26", 2-WIRE, PRESSURE LOOP	
80	9.802-730.0	10	BOLT, 3/8" X 2-1/2" GR 5 ZINC	
81	9.802-254.0	13ft	HOSE, 1/4" PUSH-ON	
82	9.800-022.0	1	LABEL, 120V	
83	8.707-020.0	1	PUSH-ON, 1/2" MPT X 3/4" BARB	

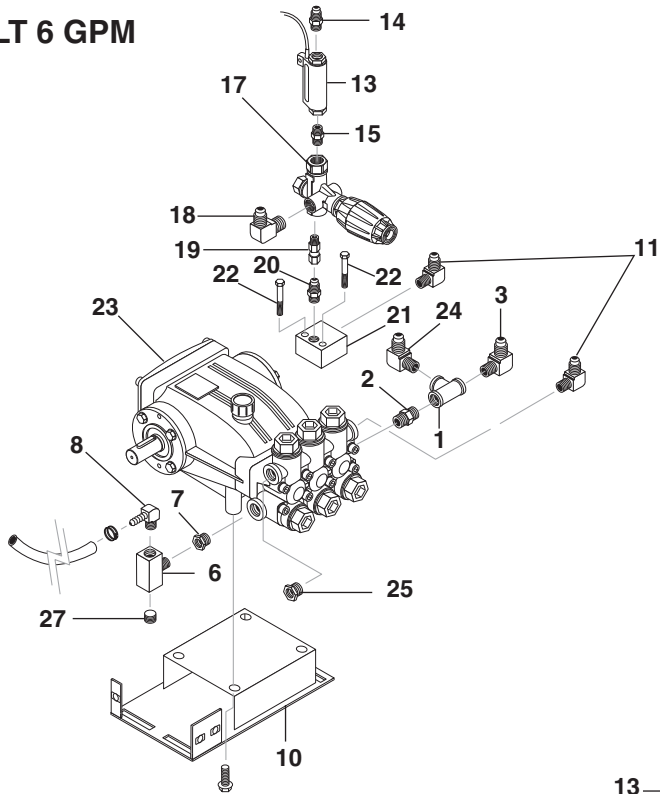
REF	PART NO.	QTY	DESCRIPTION	NOTES
84	9.800-020.0	1	LABEL, COLD WATER INLET	
85	9.800-035.0	1	LABEL, WARNING PICTORIAL	
86	8.900-300.0	1	LABEL, LANDA	
87	9.802-203.0	1	CLAMP, 1/2" RO-CLIP	
88	9.800-034.0	1	LABEL, CLEAR LEXAN, 2-1/4" X 4-1/2"	
89	8.932-968.0	1	LABEL, INTENDED FOR OUTDOOR USE	
90	8.718-618.0	2	BOLT, 5/16" X 3/4" NC GRCS	
91	9.802-206.0	2	CLAMP, HOSE	
92	9.803-836.0	60"	WIRE, 6 GAUGE, RED	
93	9.803-837.0	60"	WIRE, 6 GAUGE, BLACK	
94	9.803-838.0	2	CONNECTOR, BATTERY POST	
95	9.802-768.0	4	SCREW, 3/8" X 1-1/4" WHIZ	
96	9.802-811.0	8	WASHER, 3/8" X 1-1/2" FENDER	
97	8.750-574.0	2	GAUGE, FUEL LEVEL	
98	9.800-049.0	1	LABEL, MANUFACTURER'S CLEANING SOLUTIONS	
99	9.803-604.0	2	SLEEVE, FUEL GAUGE	
100	9.802-764.0	2	SCREW, 10/32 X 3/4	

REF	PART NO.	QTY	DESCRIPTION	NOTES
101	9.802-695.0	2	NUT, 10/32 KEPS	
102	9.800-049.0	1	LABEL, MANUFACTURER'S CLEANING SOLUTIONS	
103	8.731-276.0	1	TAP BOLT, 7/16 - 20 X 1-1/2	(10-25324E)
104	8.718-988.0	1	WASHER, 7/16 USS, FLAT	(10-25324E)
105	8.725-320.0	2	BOLT, 7/16 X 2"	(10-25324E)
106	8.750-674.0	1	CAP, RACHET 225, NON-VENT UNLEADED, CARB	
107	8.920-505.0	1	WLMT, 2.1 CANISTER	
108	8.751-382.0	1	CARBON CANISTER	
109	8.751-215.0	1	GROMMET, REMOTE VENT	
110	8.751-059.0	1	VENT, REMOTE ASSEMBLY	
111	8.753-270.0	1	REDUCER CONNECTOR 3/8" X 1/4"	
112	9.802-207.0	4	CLAMP, WIRE/TUBE 0.687 DIA	
113	9.711-785.0	1 ft	HOSE, 3/8" PUSH-ON	
114	8.753-065.0	2	CLAMP, 1 EAR 15.7MM - 18.6MM, (#10)	
115	9.802-778.0	4	NUT, 5/16" WHIZ LOCK	
116	9.802-775.0	3	NUT, 1/4" FLANGE, ZN	
117	9.802-752.0	1	SCREW, 1/4" X 1-1/4" WHIZ LOC, FLANGE	

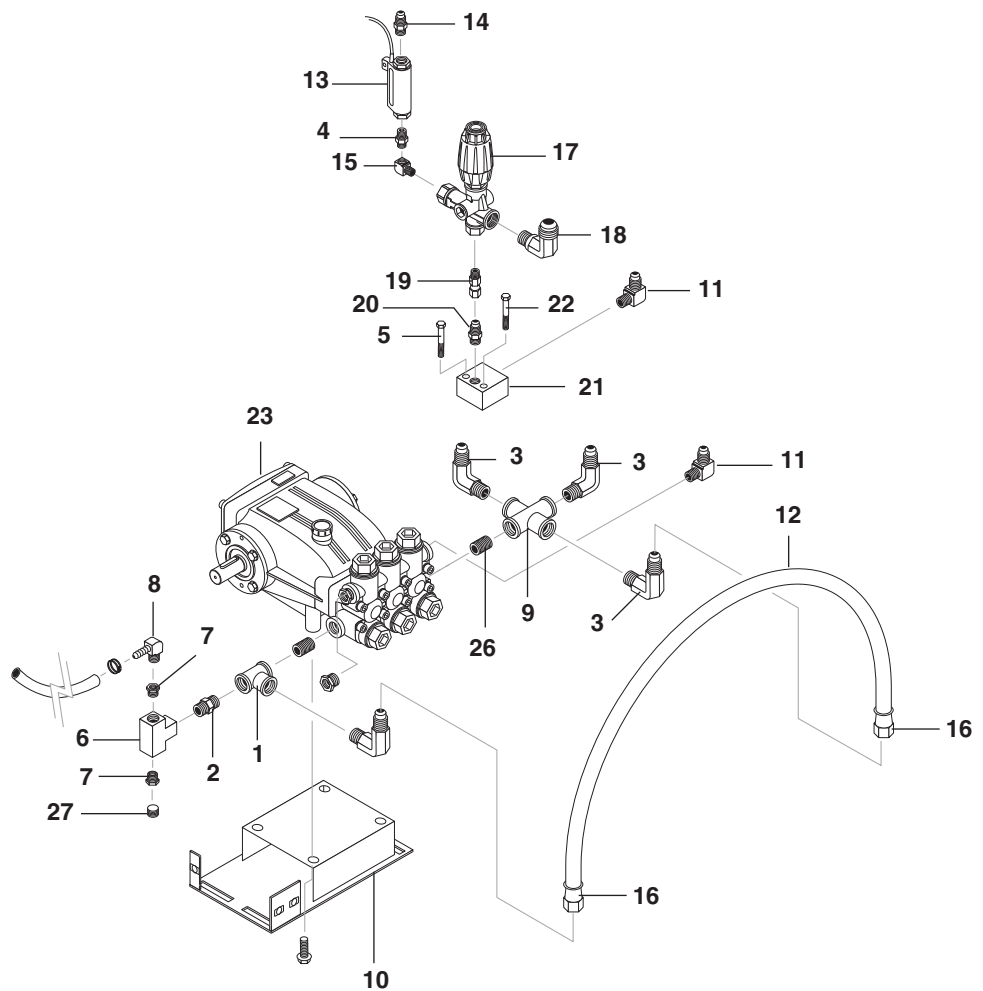


REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.706-958.0	1	HOSE BARB, 1/4" BARB X 1/4" PIPE, 90°	
2	8.709-158.0	1	FILTER, FUEL/H2O SEPARATOR	
3	8.706-941.0	1	HOSE BARB, 1/4" BARB X 1/4" ML PIPE	
4	8.706-827.0	1	ELBOW, 1/4" STREET	
5	8.752-113.0	1	ADAPTER, 1/4"	
6	8.717-102.0	1	BURNER, CF800, 120V, 4.5 NOZZLE, 160 PSI	SLX-10 ONLY
7	9.802-014.0	2	NIPPLE, 1/2" X 3", GALVANIZED, SCH80	
8	9.149-003.0	1	MANIFOLD COIL OUTLET DISCHARGE	
9	9.802-043.0	1	ELBOW, 1/2" JIC X 1/2" FEMALE, 90°	
10	8.706-141.0	1	COUPLING, 1/2" HEX PIPE	
11	9.802-171.0	1	NIPPLE, 3/8" X 3/8" NPT ST MALE	
12	8.717-477.0	1	INSULATION, TANK HEAD 30" W/HOLE	
13	8.717-478.0	1	INSULATION, TANK HEAD 30"	
14	8.717-479.0	1	INSULATION, 1 CUT BLANKET	
15	8.911-234.0	1	WRAP, BOTTOM ASSY.	
16	9.196-012.0	1	SCREW, 10-24 X 1/4"	
17	8.912-220.0	2	OF/VOF INSULATION RETAINER PLATE	
18	8.912-250.0	1	COIL, SLX LARGE SCH 80	
19	8.933-009.0	2	GASKET, BURNER PLATE	
20	8.911-236.0	1	TOP WRAP, 16 GA, 304 S.S., #4 BRUSH	
21	9.802-024.0	1	ELBOW, 3/8" MPT X 1/2" FPT STREET, STEEL	
22	8.706-248.0	1	PLUG, 3/8" ALLEN COUNTER SUNK	
23	8.707-381.0	1	RUPTURE DISC ASSY, 8500#	
24	9.802-260.0	33"	HOSE, PUSH-ON 5/8"	
25	8.716-547.0	2	CONNECTOR, 1/2" L/T STRAIGHT	
26	9.802-448.0	24"	CONDUIT, FLEXO, 1/2" BLACK	
27	8.918-225.0	1	HOSE, 1/2" X 28", 2 WIRE	
28	8.752-114.0	1	NIPPLE, 1/4"	
29	9.802-041.0	1	ELBOW, 3/8" STREET 45°	
30	9.803-559.0	1	CLAMP,SCREW, 9/16"W, 1-1/4"OD, SS	
31	8.750-095.0	1	THERMOSTAT,120C/240F	
32	9.802-768.0	1	SCREW, 3/8" X 11/4"	
33	9.800-021.0	1	LABEL, HOT WATER OUTLET	
34	9.802-797.0	8	SCREW, #10 X 1/2" HEX HEAD,TEK	
35	9.802-781.0	2	NUT, 3/8" NC	
36	8.717-338.0	1	FUEL NOZZLE 4.50 X 90A	SLX-10 ONLY NOT SHOWN
37	8.755-185.0	2	INSULATION, BLANKET-NO FOIL,3"x 57"X 1"	

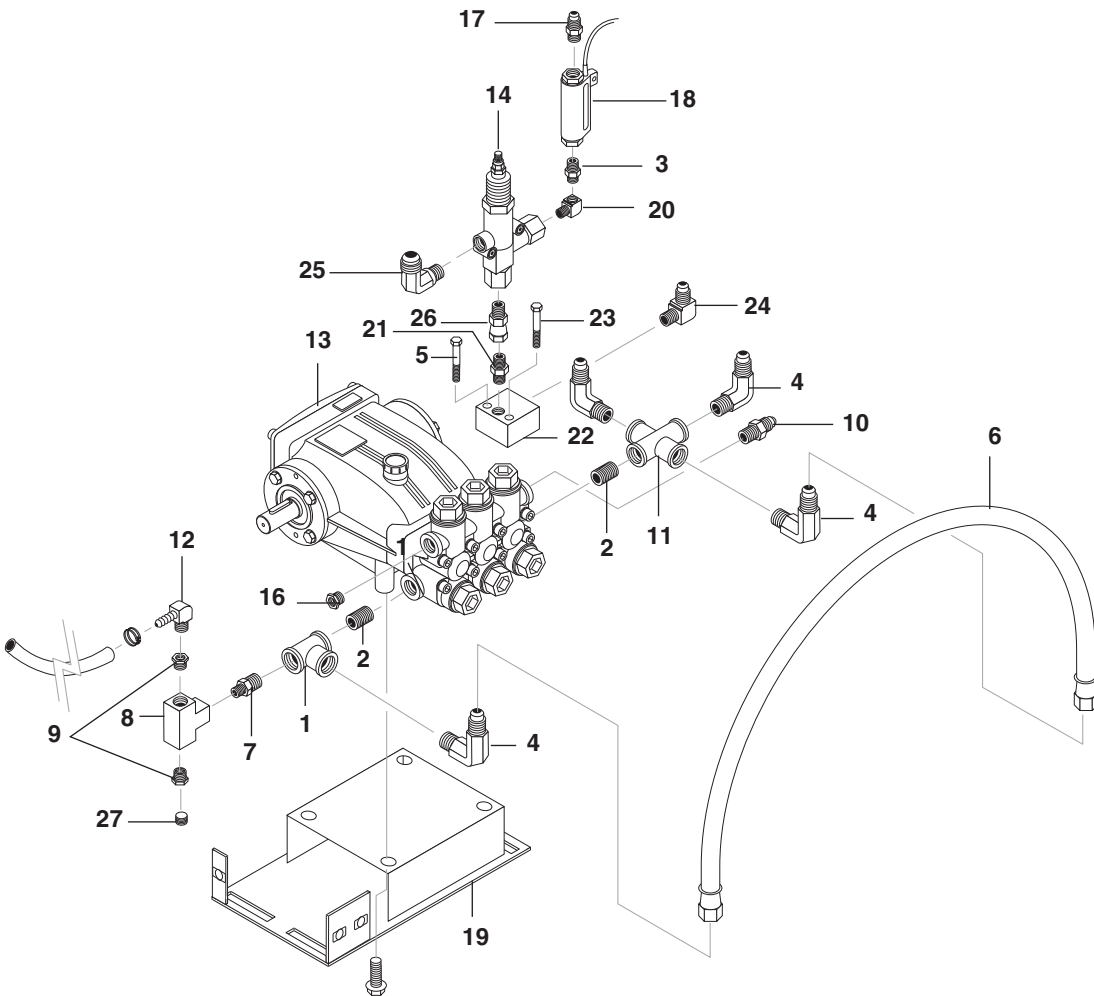
SLT 6 GPM



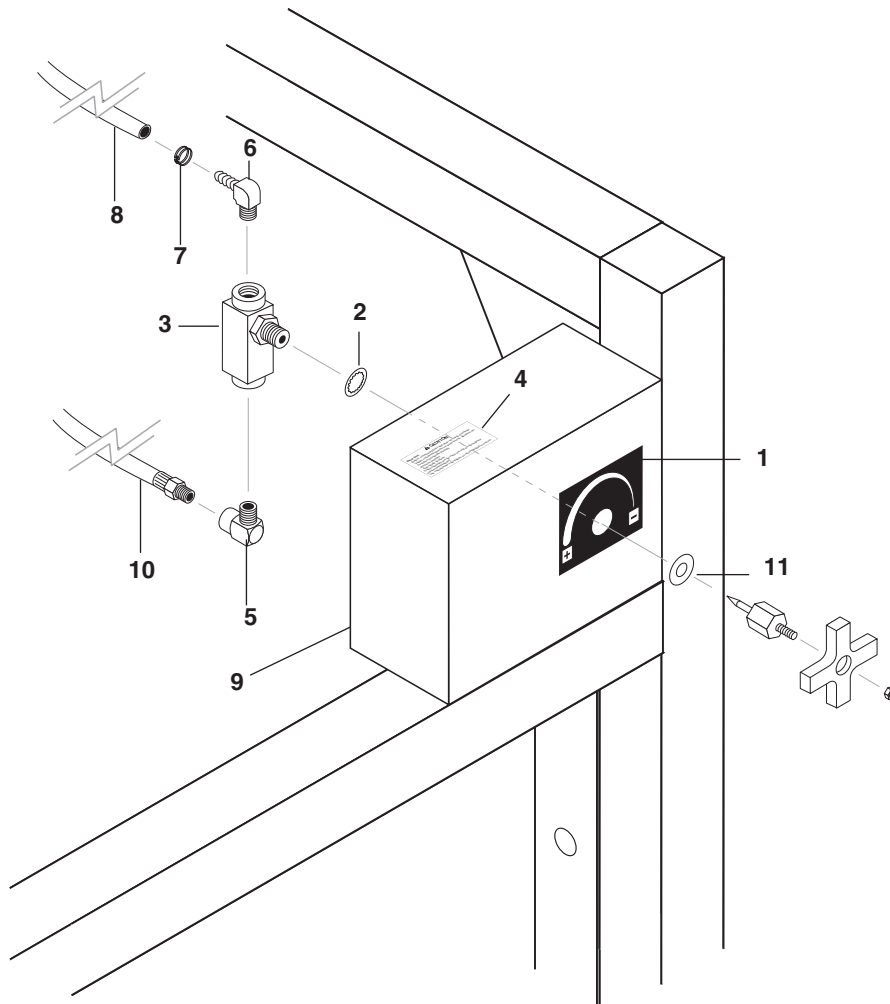
SLT 8 GPM



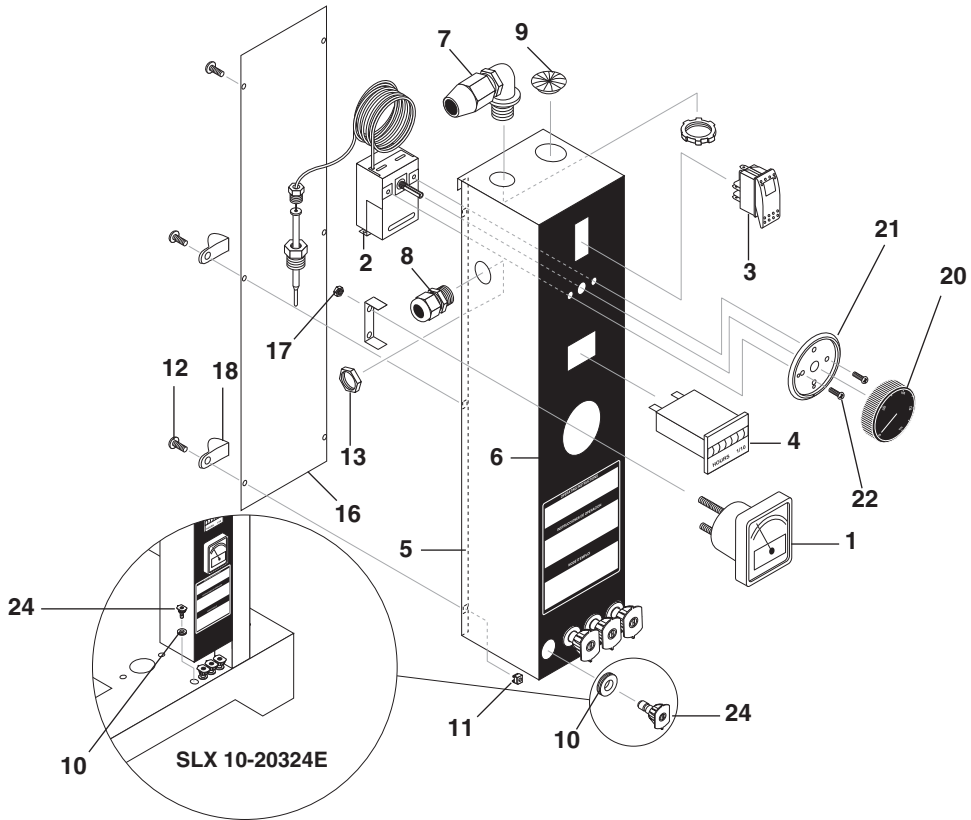
REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.706-846.0	1	TEE, 3/4" FEMALE PIPE, BRASS	
2	8.706-881.0	1	NIPPLE, 3/4" PIPE X 1/2" PIPE	
3	9.803-557.0	1	ELBOW, 3/4" SAE X 3/4", 90°	(5, 6 GPM)
-	-	4	ELBOW, 3/4" SAE X 3/4", 90°	(8 GPM)
4	8.705-974.0	1	NIPPLE, 3/8" HEX, STEEL	
5	9.802-734.0	1	BOLT, 3/8-16 X4 1/2 HEX G-5 ZINC	(8 GPM)
6	8.706-854.0	1	TEE, 1/4" BRANCH MALE	(8 GPM)
-	8.706-844.0	1	TEE, 1/2" FEMALE, PIPE	(5,6 GPM)
7	8.706-915.0	1	BUSHING, 1/2" X 1/4" BRASS	(5, 6 GPM)
-	-	2	BUSHING, 1/2" X 1/4" BRASS	(8 GPM)
8	8.706-958.0	1	HOSE BARB, 1/4" BARB X 1/4" PIPE, 90°	
9	8.706-852.0	1	CROSS, 3/4"	(8 GPM)
10	8.912-461.0	1	PUMP RAIL	
11	9.802-040.0	2	ELBOW, 1/2" JIC, 1/2", 90°	(8 GPM)
-	9.802-039.0	2	ELBOW, 1/2" JIC X 3/8", 90°	(5,6 GPM)
12	9.802-152.0	2	SWIVEL, 3/4"	(8 GPM)
13	8.933-006.0	1	SWITCH, FLOW MV60, YELLOW	
14	9.802-036.0	1	NIPPLE, 1/2" JIC, 3/8" PIPE	
15	8.705-974.0	1	NIPPLE, 3/8" HEX STEEL	(P/N TF5405-8) (5, 6 GPM)
-	8.706-171.0	1	ELBOW, 1/2" MPT X 3/8" FPT 90° STREET, STEEL	(8 GPM)
16	9.802-261.0	20"	HOSE, 3/4" PUSH-ON	(8 GPM)
17	8.750-299.0	1	UNLOADER, VRT 3, 8 GPM@ 4500 PSI	
-	8.712-708.0	1	UNLOADER, VALVE (GIANT 22913)3000 PSI	(8 GPM)
18	9.802-129.0	1	ELBOW, 1/2" JIC X 3/8", 90°	(5, 6 GPM)
-	9.802-132.0	1	ELBOW, 3/4" X 1/2"	
19	9.802-048.0	1	SWIVEL, 1/2" JIC FEMALE, 3/8" MALE	(5, 6 GPM)
-	8.706-315.0	1	SWIVEL, 1/2" JIC, 1/2" MALE	(8 GPM)
20	9.802-038.0	1	NIPPLE, 1/2" JIC, 1/2" PIPE	(8 GPM)
-	9.802-036.0	1	NIPPLE, 1/2" JIC X 3/8" PIPE	(5, 6 GPM)
21	9.802-870.0	1	BLOCK, UNLOADER, 3/8" X 3/8" 1.25 STEEL	(5,6 GPM)
-	9.802-869.0	1	BLOCK, UNLOADER, 1/2" X 1/2" 1.75" STEEL	
22	9.802-728.0	2	BOLT, 3/8" X 2", NC HH	(5,6 GPM)
-	9.802-730.0	1	BOLT, 3/8" X 2 1/2", GR5 ZINC	(8 GPM)
23	8.921-713.0	1	PUMP, LANDA LT6036/L.2	(6 GPM)
-	8.904-889.0	1	PUMP, LANDA LX8030/L, 8@3000, 1460 RPM	(8 GPM)
24	8.706-890.0	1	ELBOW, 1/2" JIC X 3/4" PIPE, 90°	(5, 6 GPM)
25	8.706-282.0	1	BUSHING, 1/2" X 1/4"	(8 GPM)
-	8.706-297.0	1	BUSHING, 3/8" X 1/4"	(5, 6 GPM)
26	8.706-799.0	2	NIPPLE, 3/4" CLOSE	(8 GPM)
27	8.706-865.0	1	PLUG, 1/4" NPT COUNTERSUNK	



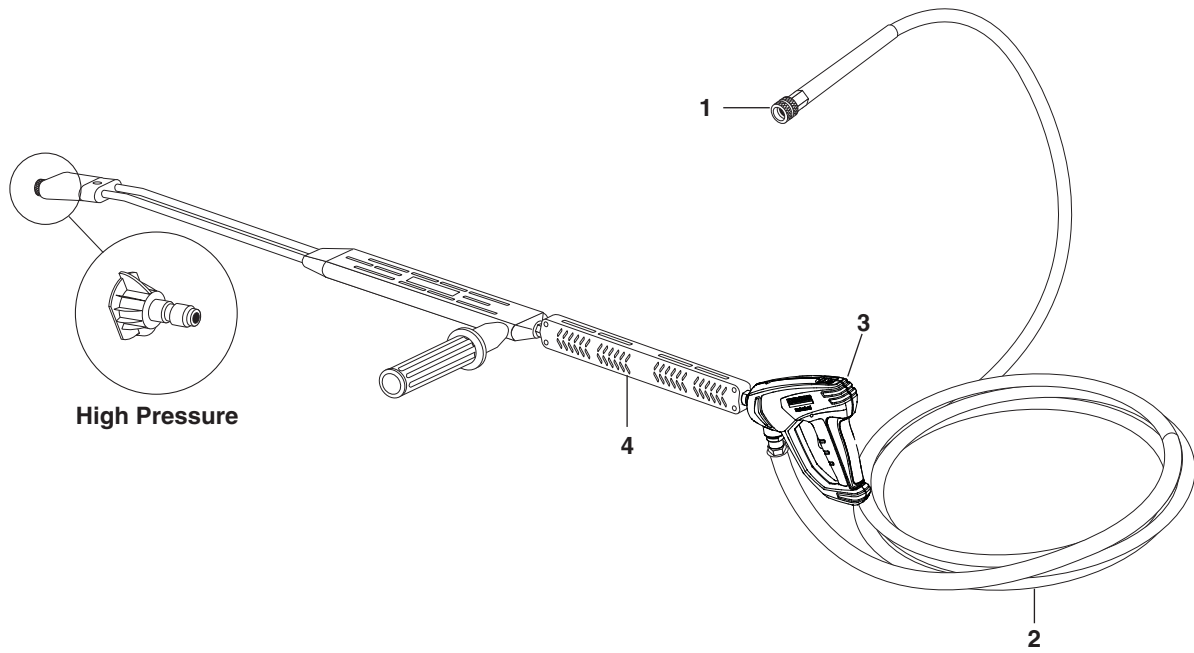
REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.706-846.0	1	TEE, 3/4" FEMALE PIPE	
2	8.706-799.0	2	NIPPLE, 3/4" CLOSE	
3	8.705-974.0	1	NIPPLE, 3/8" HEX STEEL	
4	9.803-557.0	4	ELBOW, 3/4" SAE X 3/4", 90°	
5	9.802-734.0	1	BOLT, 3/8-16 X 4 1/2	
6	9.802-261.0	20"	HOSE, 3/4" PUSH-ON	
7	8.706-881.0	1	NIPPLE, 3/4" PIPE X 1/2" PIPE	
8	8.706-844.0	1	TEE, 1/2" FEMALE, PIPE	
9	8.706-915.0	2	BUSHING, 1/2" X 1/4" BRASS	
10	9.802-038.0	1	NIPPLE, 1/2" JIC, 1/2" PIPE	
11	8.706-852.0	1	CROSS, 3/4" PIPE	
12	8.706-958.0	1	HOSE BARB, 1/4" BARB X 1/4" PIPE, 90°	
13	8.920-592.0	1	PUMP, LANDA LX1036/L	
14	8.712-708.0	1	UNLOADER, (GIANT 22913) VALVE	
15	9.802-152.0	2	SWIVEL, 3/4"	
16	8.706-282.0	1	BUSHING, 1/2" X 1/4"	
17	9.802-036.0	1	NIPPLE, 1/2" JIC, 3/8" PIPE	
18	8.933-006.0	1	SWITCH, FLOW MV60, YELLOW	
19	8.912-461.0	1	PUMP RAIL	
20	8.706-171.0	1	ELBOW, 1/2" X 3/8" 90°	
21	9.802-038.0	1	NIPPLE, 1/2" JIC, 1/2" PIPE	
22	9.802-869.0	1	BLOCK, UNLOADER, 1/2" X 1/2"	
23	9.802-730.0	1	BOLT, 3/8" X 2 1/2" GR5 ZINC	
24	9.802-040.0	1	ELBOW, 1/2" JIC, 1/2", 90°	
25	9.802-132.0	1	ELBOW, 3/4" X 1/2"	
26	8.706-315.0	1	SWIVEL, 1/2" JIC X 1/2" MALE	
27	8.706-865.0	1	PLUG, 1/4" NPT COUNTERSUNK	



REF	PART NO.	QTY	DESCRIPTION	NOTES
1	9.800-029.0	1	LABEL, VHP STEAM VALVE	
2	8.719-011.0	1	WASHER, 5/8" STAR	
3	9.802-187.0	1	VALVE, FLOW CONTROL, W/METERING	
4	9.800-049.0	1	LABEL, MANUFACTURER'S CLEANING SOLUTION	
5	8.706-200.0	1	ELBOW, 1/4" STREET X 3/8", STEEL	
6	8.706-958.0	1	HOSE BARB, 1/4" BARB X 1/4" PIPE, 90°	
7	6.390-126.0	1	CLAMP, HOSE, .46 -, .54 ST	
8	9.802-254.0	1	HOSE, 1/4" X 34" PUSH-ON	(8-30324E)
	9.802-254.0	1	HOSE, 1/4" X 26" PUSH-ON	(10-25324E)
9	8.911-724.0	1	BOX, VALVE	(SLX 10-25324E ONLY)
-	9.802-759.0	1	SCREW, 10-32" X 1/2"	NOT SHOWN
-	9.802-695.0	3	NUTS, KEPS10-32"	NOT SHOWN
10	8.918-183.0	3	HOSE, 1/4" X 28" PRESSURE LOOP	(5-30224E, 6-32324E, 8-30324E)
-	8.918-182.0	1	HOSE, 1/4" X 26" PRESSURE LOOP	(10-25324E,)
11	9.802-810.0	1	WASHER, 5/8" FLAT	



REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.712-159.0	1	VOLTMETER, 120VAC	
2	8.750-095.0	1	THERMOSTAT, 240°	
3	9.802-451.0	1	BURNER SWITCH	
4	9.802-283.0	1	HOUR METER	
5	8.912-454.0	1	BOX, ELECTRIC, 16 GAUGE MS, SLT	
6	8.900-307.0	1	LABEL, ELECTRIC BOX	
7	9.802-517.0	1	CONNECTOR, 1/2" L/T, 90°	
8	9.802-515.0	1	STRAIN RELIEF, STRT, LQ TITE	
9	8.706-755.0	1	BUSHING, .875" P/N 2119	
10	9.802-064.0	1	GROMMET, RUBBER NOZZLE	
11	9.802-793.0	10	CAGE, NUT, 1/4"	
12	9.802-765.0	6	SCREW, ALLEN HEAD, BLACK	
13	9.802-525.0	1	LOCKNUT, 1/2"	
14	9.800-040.0	1	LABEL, GROUND	NOT SHOWN
-	9.802-762.0	1	SCREW, 10/32" X 1 1/4 R H SL, BLACK	NOT SHOWN
-	9.802-695.0	1	NUT, 10/32" KEPS	NOT SHOWN
15	9.802-447.0	66"	CONDUIT, 1/4" CORRUGATED TUBING	NOT SHOWN
16	8.912-455.0	1	COVER, E-BOX, 16 GAUGE	
17	8.718-852.0	2	NUT, 6/32" HEX	
18	9.802-204.0	2	CLAMP, HOSE	
19	8.752-150.0	1	CORD, MOLDED	NOT SHOWN
20	8.750.097.0	1	KNOB, THERMOSTAT	
21	8.750.097.0	1	KNOB, THERMOSTAT	
22	8.712-190.0	1	BEZEL, THERMOSTAT	
23	9.196-012.0	2	SCREW, 10-24 X 1/4"	
24	8.712-365.0	1	NOZZLE, SAQCMEG, 0006.5, RED	(SLT 6-32324E)
-	8.712-366.0	1	NOZZLE, SAQCMEG, 1506.5, YELLOW	(SLT 6-32324E)
-	8.712-367.0	1	NOZZLE, SAQCMEG, 2506.5, GREEN	(SLT 6-32324E)
-	8.712-368.0	1	NOZZLE, SAQCMEG, 4006.5, WHITE	(SLT 6-32324E)
-	8.712-378.0	1	NOZZLE, SAQCMEG, 0009, RED	(SLT 8-30324E)
-	8.712-379.0	1	NOZZLE, SAQCMEG, 1509, YELLOW	(SLT 8-30324E)
-	8.712-380.0	1	NOZZLE, SAQCMEG, 2509, GREEN	(SLT 8-30324E)
	8.712-381.0	1	NOZZLE, SAQCMEG, 4009, WHITE	(SLT 8-30324E)
-	8.712-382.0	1	NOZZLE, SAQCMEG, 0012, RED	(SLX 10-25324E)
-	8.712-383.0	1	NOZZLE, SAQCMEG, 1512, YELLOW	(SLX 10-25324E)
-	8.712-384.0	1	NOZZLE, SAQCMEG, 1525, GREEN	(SLX 10-25324E)
-	8.712-385.0	1	NOZZLE, SAQCMEG, 4012, WHITE	(SLX 10-25324E)



REF	PART NO.	QTY	DESCRIPTION	NOTES
1	9.802-166.0	1	COUPLER, 3/8" FEMALE	
-	9.802-100.0	1	QUICK COUPLER O-RING, 3/8"	REPLACEMENT ONLY NOT SHOWN
2	8.739-072.0	1	HOSE, 3/8" X 50' 2-WIRE, TUFF-SKIN	(5-30224E)
-	8.739-401.0	1	HOSE, 1/2" X 50 FT., 2 WIRE, TUFF FLEX,	(ALL MODELS EXCEPT 5-30224E)
3	8.751-234.0	1	GUN, LANDA L1050, 5000 PSI, 10.4 GPM	(8-3, 10-25)
-	4.775-054.0	1	EASY! FORCE ADVANCED KNA	(6-3)
4	8.711-308.0	1	WAND, SS, VP (AL 344) W/COUPLER & SOAP NOZZLE	

Specifications

Pump

MODEL	PSI	Hi Pres Nozzle	Pump Type	Pump Model #	Pump Part #	Pump Pulley	Pulley Part #	Bushing	Bushing Part #
SLT6-32324E	3200	6.5	Landa	LT-6035\L	8.904-883.0	2BK80H	8.715-592.0	25MM	9.802-403.0
SLT8-30324E	3000	9	Landa	LX-9536\L	8.920-590.0	3BK80H	8.715-618.0	25MM	9.802-403.0
SLX10-25324E	2500	12	Landa	LX-1036\L	8.920-592.0	3BK80H	8.715-618.0	25MM	9.802-403.0

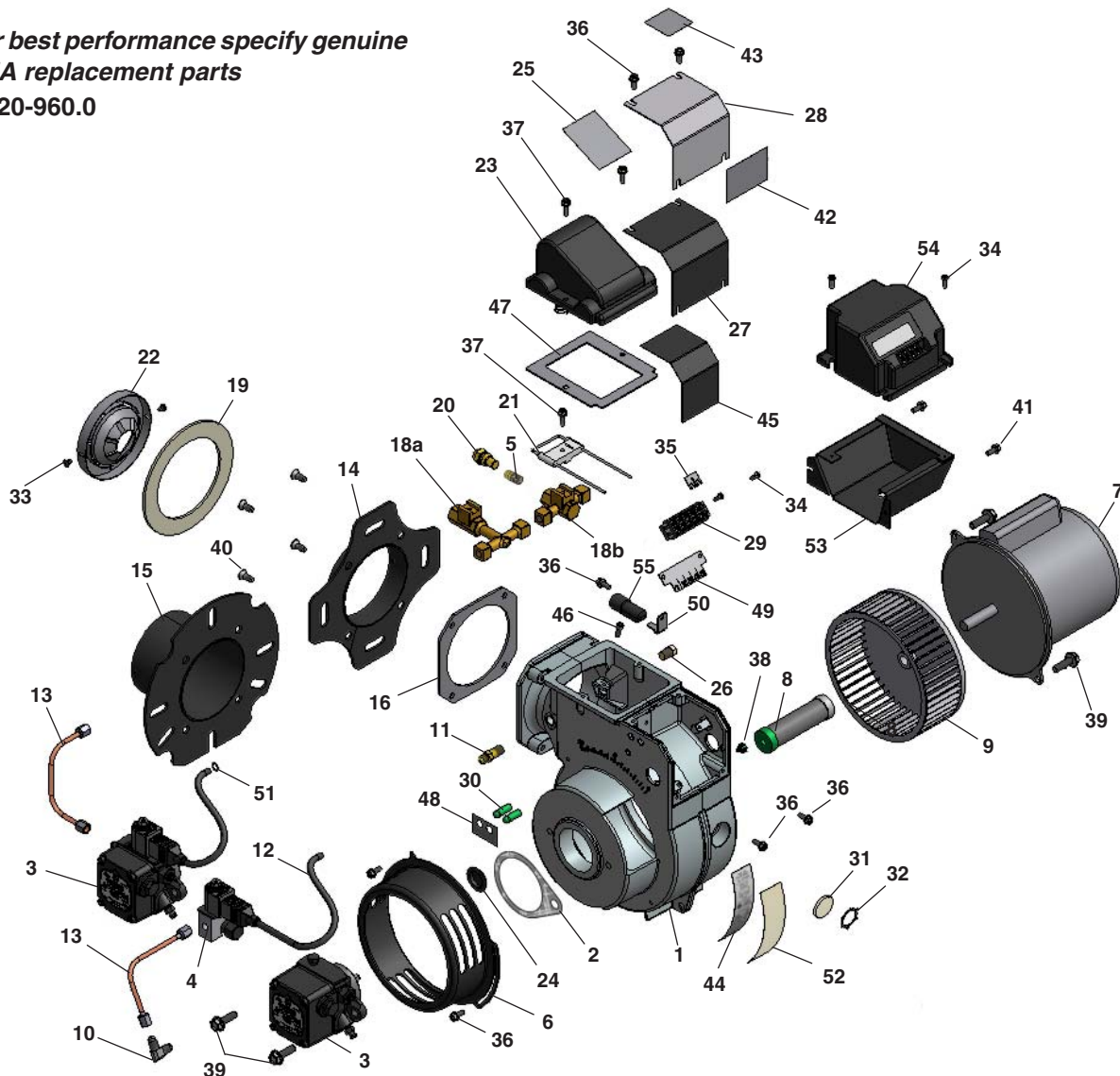
Engine

MODEL	Engine	Engine Part #	Engine Pulley	Pulley Part #	Engine Bushing	Bushing Part #	Engine Pulley
SLT6-32324E	Honda/GX630 (688CC)	8.752-149.0	3TB36	9.802-393.0	P2 x 1	9.802-404.0	3TB36
SLT8-30324E	Honda/GX660 (688CC)	8.752-148.0	4B34	8.715-623.0	SD x 1-1/8	8.715-660.0	4B34
SLX10-25324E	Honda/GX660 (688CC)	8.752-148.0	4B36	8.715-603.0	SD x 1-1/8	8.715-660.0	4B36

Generator

MODEL	Generator Pulley	Pulley Part#	Generator Bushing	Bushing Part #	Belt (Qty)	Belt Part #	Generator Belt	Belt (Qty) Part #
SLT6-32324E	BK34H	9.802-378.0	H X 5/8"	9.802-397.0	BX35 (2)	9.802-415.0	BX22 (1)	9.802-412.0
SLT8-30324E	BK32H	9.802-377.0	H X 5/8"	9.802-397.0	BX34 (3)	8.715-695.0	BX22 (1)	9.802-412.0
SLX10-25324E	BK34H	9.802-378.0	H X 5/8"	9.802-397.0	BX34 (3)	8.715-695.0	BX22 (1)	9.802-412.0

**For best performance specify genuine
KNA replacement parts
8.920-960.0**



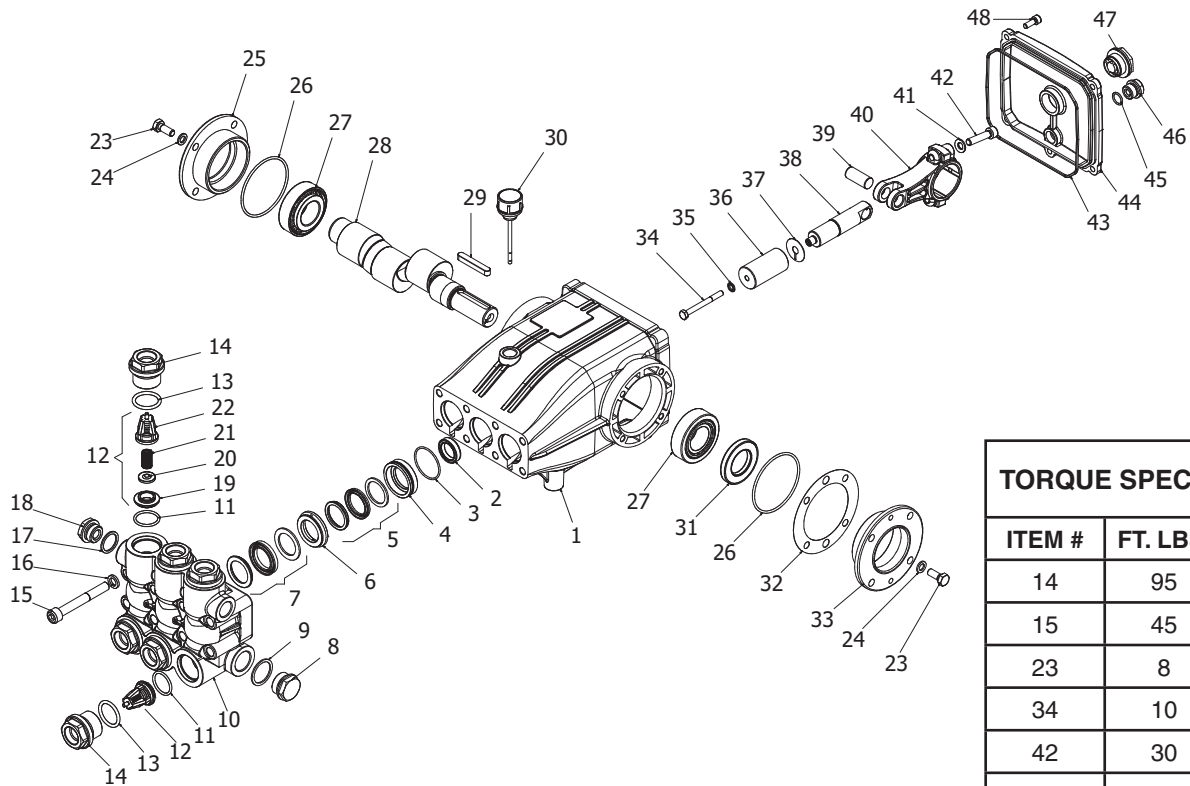
REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.919-865.0	1	BURNER HOUSING ASSEMBLY-ML	
2	8.754-905.0	1	GASKET, KNA BURNER PUMP SUNTEC	
3	8.700-758.0	1	FUEL PUMP, SUNTEC A2VA-3106 12-24 V SOL	
-	8.700-759.0	1	FUEL PUMP, SUNTEC A2VA-3106 120 V SOL	
-	8.700-760.0	1	FUEL PUMP, SUNTEC A2VA-3106 230 V SOL	
-	8.754-706.0	1	FUEL PUMP, SUNTEC A2YA-7916	
4	8.752-924.0	1	SOLENOID VALVE, SUNTEC R642NL, 115V	
-	8.752-925.0	1	SOLENOID VALVE, SUNTEC R753NL, 220V	
-	8.752-030.0	1	SOLENOID VALVE, SUNTEC R261NL, 12/24V	
5	8.900-083.0	1	100 PSI SNAP CHECK VALVE	

REF	PART NO.	QTY	DESCRIPTION	NOTES
6	8.752-919.0	1	AIR BAND M/L	
7	8.752-933.0	1	MOTOR, 1/5 HP 13.5VDC AMETEK N1CPM-156	
-	8.752-932.0	1	MOTOR, 1/7 HP 115V EMERSON K41	
-	8.753-054.0	1	MOTOR, 1/7 HP 230V EMERSON K41	
8	8.753-061.0	1	COUPLING, FLEX, 1/2" X 5/16" X 3-7/8" L	
-	8.753-062.0	1	COUPLING, FLEX, 5/16" X 5/16" X 3-7/8" L	
9	8.752-928.0	1	FAN, 6.25 X 4.25 X .50 BORE	
-	8.752-929.0	1	FAN, 6.25 X 4.25 X .313 BORE	
10	8.752-920.0	1	ELBOW, 37 °FLARE X 1/8" NPT 90 °, LARGE ONLY	
11	8.750-547.0	1	CONNECTOR 37 ° FLARE X 1/8" NPT, LONG	
12	9.804-072.0	1	CONDUIT, WIRE COVER	
13	8.752-934.0	1	FUEL LINE ASSEMBLY, M	
-	8.753-055.0	1	FUEL LINE ASSEMBLY, L	
14	8.752-034.0	1	FLANGE 1" TUBE ASSY BURNER	
15	8.752-035.0	1	FLANGE 3" TUBE ASSY BURNER	
16	8.750-539.0	1	GASKET, FLANGE	
17	8.700-794.0	1	COIL, OIL VALVE 12/24V W/O CORDSET	NOT SHOWN
-	9.802-641.0	1	COIL, OIL VALVE 230V W/O CORDSET	NOT SHOWN
-	9.802-640.0	1	COIL, OIL VALVE 120V W/O CORDSET	NOT SHOWN
18a	8.750-526.0	1	GUN ELECTRODE/ NOZZLE, 3"	
18b	8.750.525.0	-	GUN ELECTRODE/ NOZZLE, 1"	
19	8.751-354.0	1	GASKET, BURNER TUBE	
20	8.717-378.0	1	FUEL NOZZLE 3.25 X 80B	
21	8.750-778.0	1	ELECTRODE, IGNITION AC	
-	8.751-342.0	1	ELECTRODE, IGNITION DC	
22	8.750-781.0	1	CONE, AIR F22	
-	8.752-935.0	1	CONE, AIR F310	
23	8.919-114.0	1	IGNITER, BURNER 120V	
-	8.919-115.0	1	IGNITER, BURNER 230V	
-	8.919-116.0	1	IGNITER, BURNER 12VDC	
24	8.706-745.0	1	PLUG, HOLE 0.812 PLASTIC	
25	9.807-345.0	1	LABEL, IGNITER 120V	
-	9.807-346.0	1	LABEL, IGNITER 230V	
-	9.807-347.0	-	LABEL, IGNITER 12VDC	
26	8.751-134.0	1	PLUG, 1/8" NPT X HEX SHOULDER	
27	8.752-922.0	1	GASKET, JUNCTION BOX ML	
28	8.920-654.0	1	COVER, JUNCTION BOX ML	
29	8.750-116.0	1	BLOCK, TERMINAL, 5 POLE	
30	8.750-817.0	2	LIGHT, INDICATOR, GREEN,14V	
-	8.750-818.0	1	LIGHT, INDICATOR, GREEN, 28V	
-	8.750-819.0	1	LIGHT, INDICATOR, GREEN, 125V	
-	8.750-820.0	1	LIGHT, INDICATOR, GREEN, 250V	
31	8.750-784.0	1	SITE GLASS	

Surefire Burner "M / L"

REF	PART NO.	QTY	DESCRIPTION	NOTES
32	8.750-785.0	1	RING, PUSH ON INTERNAL	
33	8.733-001.0	2	SCREW 8 X 1/4" HI LOW THREAD CUT	
34	8.718-762.0	2	SCREW, 8-32 X 1/2", MPH RDH PL	MEDIUM
-	-	4	SCREW, 8-32 X 1/2", MPH RDH PL	LARGE
35	8.716-451.0	1	TERMINAL, JUMPER SPADE	
36	8.718-810.0	6	SCREW, 10/32 X 1/2", WHIZ LOC FLANGE	MEDIUM
-	-	7	SCREW, 10/32 X 1/2", WHIZ LOC FLANGE	LARGE
37	8.750-770.0	3	SCREW, 10/32 X 5/8", WHIZ LOC FLANGE	
38	8.750-816.0	1	SCREW, 10/32 X 1/4" GROUNDING	
39	9.802-756.0	4	SCREW, 5/16" X 1", WHIZ LOC FLANGE	
40	8.750-771.0	4	SCREW, 1/4-20 X 1/2", PHIL FHMS	
41	9.802-750.0	2	SCREW, 8-32 X 1/2 M TPG PH PNH, BLACK,	LARGE ONLY
42	-	1	LABEL, BRAND NAME	
43	9.801-268.0	1	LABEL, DISCONNECT POWER SUPPLY	
44	-	1	LABEL, SERIAL PLATE	

REF	PART NO.	QTY	DESCRIPTION	NOTES
45	9.807-343.0	1	LABEL, WIRING DIAGRAM BURNER 230V-24V	
-	9.807-339.0	1	LABEL, WIRING DIAGRAM BURNER 115V-115V	
-	9.807-340.0	1	LABEL, WIRING DIAGRAM BURNER 230V-230V	
-	9.807-341.0	1	LABEL, WIRING DIAGRAM BURNER 230V-115V	
-	9.807-342.0	1	LABEL, WIRING DIAGRAM BURNER 115V-24V	
-	9.807-344.0	1	LABEL, WIRING DIAGRAM BURNER 12VDC	
-	9.807-551.0	1	LABEL, WIRING, BURNER 115V PRIMARY	
46	9.802-745.0	1	SCREW. 10/32" X 1/2" SHCS	
47	8.753-036.0	1	GASKET, IGNITER	
48	9.801-273.0	1	LABEL, BURNER LIGHTS	
49	8.919-105.0	1	PLATE, TERMINAL BLOCK NUMBERS	
50	8.921-214.0	1	BRACKET FLAME SENSOR	LARGE ONLY
51	9.802-510.0	3	CABLE, TIE, 4" BLACK	MEDIUM
-	-	4	CABLE, TIE, 4" BLACK	LARGE
52	9.807-348.0	1	LABEL, CLEAR MYLAR, 1.125 X 4.50	
53	8.920-656.0	1	JUNCTION BOX, KNA BURNER ML	LARGE ONLY
54	8.924-114.0	1	CONTROLLER, PRIMARY, OIL FIRED, POTTED	
55	8.753-101.0	1	CAD CELL FLAME DETECTOR, C554A	LARGE ONLY



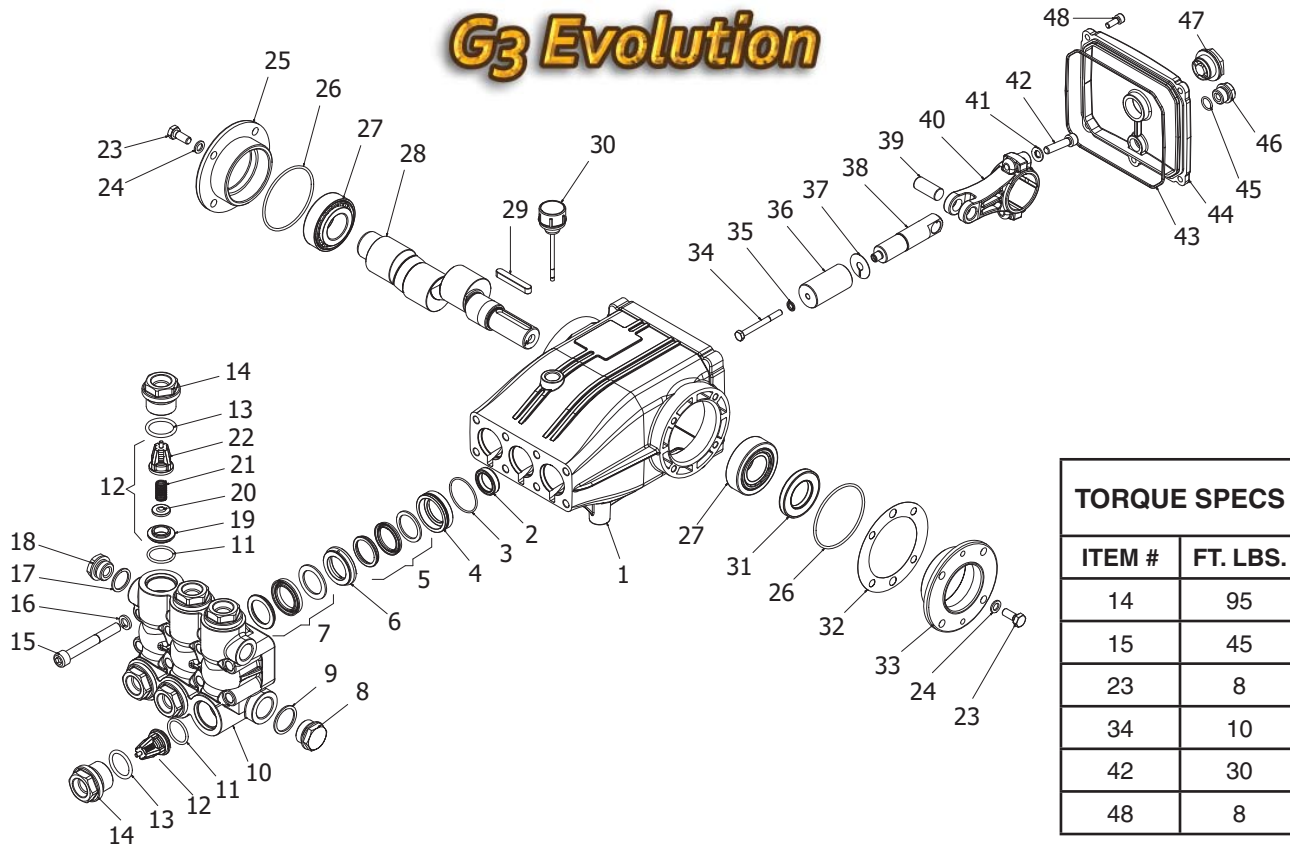
TORQUE SPECS	
ITEM #	FT. LBS.
14	95
15	45
23	8
34	10
42	30
48	8

REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.752-825.0	1	CRANKCASE	
2	-	3	PLUNGER OIL SEAL	SEE KITS TABLE
3	-	3	O-RING Ø1.78 X 37.82	SEE KITS TABLE
4	-	3	PRESSURE RING	SEE KITS TABLE
5	-	3	U-SEAL, 25MM	SEE KITS TABLE
6	-	3	INTERMEDIATE RING	SEE KITS TABLE
7	-	3	U-SEAL	SEE KITS TABLE
8	9.803-285.0	1	BRASS PLUG, G3/4	SEE KITS TABLE
9	9.803-286.0	1	COPPER WASHER 3/4	
10	8.752-831.0	1	MANIFOLD HOUSING Ø22/Ø20/	
11	8.752-836.0	6	O-RING Ø2.62 X 21.89	
12	-	6	VALVE ASSEMBLY	SEE KITS TABLE
13	9.803-287.0	6	O-RING Ø3.53 X 25.80-134	
14	8.752-855.0	6	VALVE PLUG	
15	8.752-833.0	8	MANIFOLD STUD BOLT	
16	9.802-890.0	8	LOCK WASHER	
17	9.803-199.0	1	COPPER WASHER 1/2	
18	9.802-926.0	1	BRASS PLUG 1/2	
19	-	6	VALVE SEAT	SEE KITS TABLE

REF	PART NO.	QTY	DESCRIPTION	NOTES
20	-	6	VALVE PLATE	SEE KITS TABLE
21	-	6	VALVE SPRING	SEE KITS TABLE
22	-	6	VALVE CAGE	SEE KITS TABLE
23	8.752-830.0	8	HEX SCREW	
24	9.802-884.0	8	WASHER	
25	9.803-182.0	1	CLOSED BEARING HOUSING	
26	9.803-186.0	2	O-RING Ø2.62 X 71.12	
27	9.803-160.0	2	ROLLER BEARING	
28	8.752-829.0	1	CRANKSHAFT Ø25 (9536)	
28	8.752-827.0	1	CRANKSHAFT Ø25 (1036)	
29	9.803-293.0	1	CRANKSHAFT KEY	
30	8.752-834.0	1	OIL DIP STICK	
31	9.803-139.0	1	CRANKSHAFT SEAL	
32	9.803-177.0	2	SHIM	
33	9.803-181.0	1	BEARING HOUSING	
34	8.752-841.0	3	PLUNGER BOLT	SEE KITS TABLE
35	8.752-820.0	3	BONDED SEAL	SEE KITS TABLE
36	8.752-847.0	3	PLUNGER, 22MM	SEE KITS TABLE
37	8.752-823.0	3	COPPER SPACER	SEE KITS TABLE
38	8.752-842.0	3	PLUNGER ROD	SEE KITS TABLE
39	8.752-822.0	3	CONNECTING ROD PIN	SEE KITS TABLE
40	8.752-821.0	3	CONNECTING ROD	
41	9.802-889.0	6	SPRING WASHER	
42	9.802-937.0	6	CONNECTING ROD SCREW	
43	9.803-194.0	1	O-RING Ø2.62 X 152.07	
44	8.752-826.0	1	CRANKCASE COVER	
45	9.803-906.0	1	O-RING Ø2.62 X 1.78.14.00	
46	8.707-262.0	1	BRASS PLUG G3/8	
47	9.803-202.0	1	SIGHT GLASS G3/4	
48	8.752-824.0	5	COVER SCREW	

KIT NUMBERS	8.752-844.0	8.752-850.0	8.752-839.0	8.753-349.0	8.752-835.0
KIT DESCRIPTION	Plunger Seals 22 mm	Seal Packing 22mm	Plunger 22mm	Complete Valve	Plunger Oil Seals
ITEMS NUMBERS INCLUDED	3, 5, 7	3, 4, 5, 6, 7,	34, 35, 36, 37	11, 12, 13	2
NUMBER OF CYLINDERS KIT WILL SERVICE	3	1	1	6	3

G3 Evolution



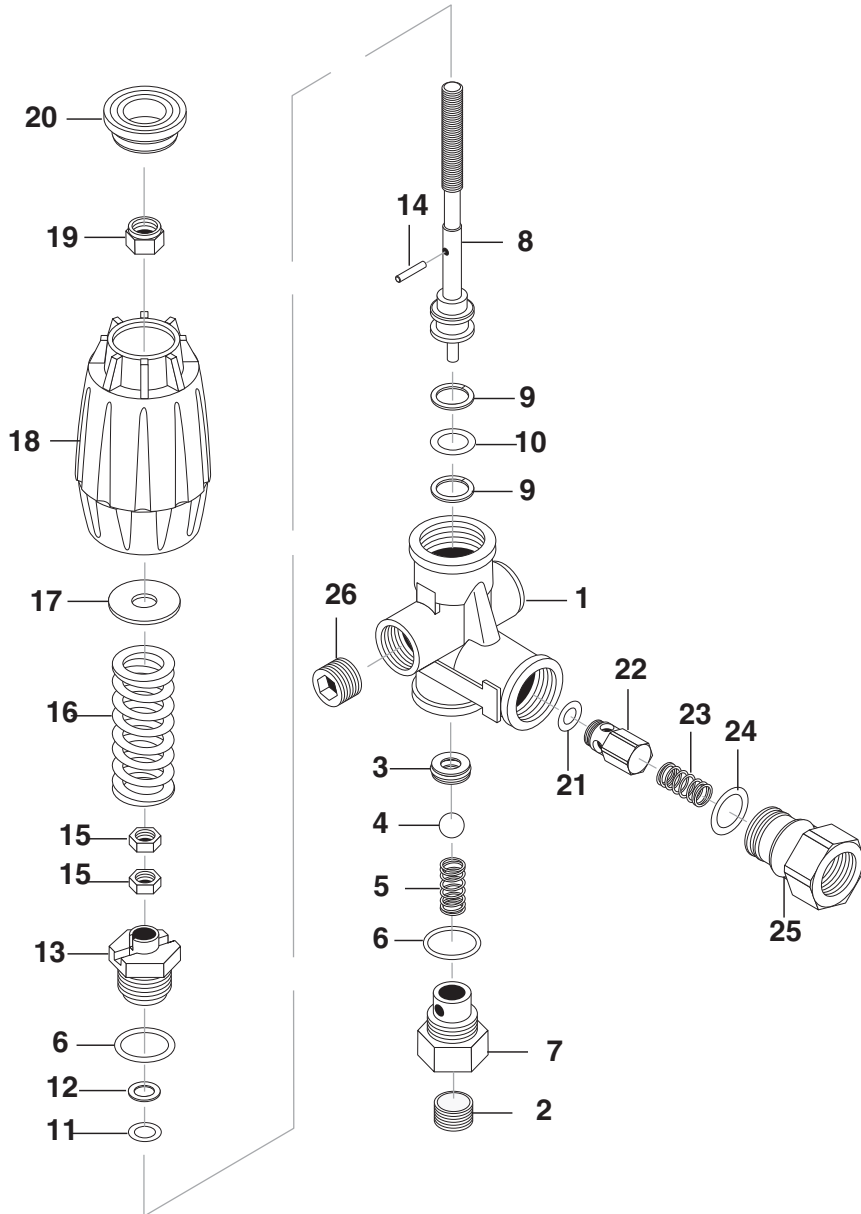
TORQUE SPECS	
ITEM #	FT. LBS.
14	95
15	45
23	8
34	10
42	30
48	8

REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.752-825.0	1	CRANKCASE	
2	-	3	PLUNGER OIL SEAL	SEE KITS TABLE
3	-	3	O-RING Ø1.78 X 37.82	SEE KITS TABLE
4	-	3	PRESSURE RING, 18MM	SEE KITS TABLE
5	-	3	U-SEAL, 18MM	SEE KITS TABLE
6	-	3	INTERMEDIATE RING, 18MM	SEE KITS TABLE
7	-	3	U-SEAL, 18MM	SEE KITS TABLE
8	9.802-926.0	1	BRASS PLUG, G1/2	
9	9.803-199.0	1	COPPER WASHER 1/2	
10	8.753-816.0	1	MANIFOLD HOUSING	
11	9.804-498.0	6	O-RING Ø2.62 X 25.1	SEE KITS TABLE
12	-	6	VALVE ASSEMBLY	SEE KITS TABLE
13	9.803-193.0	6	O-RING 3068	SEE KITS TABLE
14	9.802-928.0	6	VALVE PLUG	
15	8.753-817.0	8	MANIFOLD STUD BOLT	
16	9.802-890.0	8	LOCK WASHER	
17	8.719-008.0	1	COPPER WASHER 3/8	
18	8.707-262.0	1	BRASS PLUG 3/8	
19	-	6	VALVE SEAT	SEE KITS TABLE
20	-	6	VALVE PLATE	SEE KITS TABLE

REF	PART NO.	QTY	DESCRIPTION	NOTES
21	-	6	VALVE SPRING	SEE KITS TABLE
22	-	6	VALVE CAGE	SEE KITS TABLE
23	8.752-830.0	8	HEX SCREW	
24	9.802-884.0	8	WASHER	
25	9.803-182.0	1	CLOSED BEARING HOUSING	
26	9.803-186.0	2	O-RING Ø2.62 X 71.12	
27	9.803-160.0	2	ROLLER BEARING	
28	8.753-818.0	1	CRANKSHAFT Ø25 (4540)	
-	8.752-827.0	1	CRANKSHAFT Ø25 (6036)	
29	9.803-167.0	1	CRANKSHAFT KEY	
30	8.752-834.0	1	OIL DIP STICK	
31	9.803-139.0	1	CRANKSHAFT SEAL	
32	9.803-177.0	2	SHIM	
33	9.803-181.0	1	BEARING HOUSING	
34	8.752-841.0	3	PLUNGER BOLT	SEE KITS TABLE
35	8.752-820.0	3	BONDED SEAL	SEE KITS TABLE
36	8.753-819.0	3	PLUNGER, 18MM	SEE KITS TABLE
37	8.752-823.0	3	COPPER SPACER	SEE KITS TABLE
38	8.753-820.0	3	PLUNGER ROD	
39	8.752-822.0	3	CONNECTING ROD PIN	
40	8.752-821.0	3	CONNECTING ROD	
41	9.802-889.0	6	SPRING WASHER	
42	9.802-937.0	6	CONNECTING ROD SCREW	
43	9.803-194.0	1	O-RING Ø2.62 X 152.07	
44	8.752-826.0	1	CRANKCASE COVER	
45	9.803-906.0	1	O-RING Ø1.78 X 14.00	
46	8.707-262.0	1	BRASS PLUG G3/8	
47	9.803-202.0	1	SIGHT GLASS G3/4	
48	8.752-824.0	5	COVER SCREW	

KIT NUMBERS	8.753-821.0	8.753-822.0	8.753-823.0	8.753-824.0	8.752-825.0
KIT DESCRIPTION	Plunger Seals 18 mm	Seal Packing 18 mm	Plunger 18 mm	Complete Valve	Plunger Oil Seals
ITEM NUMBERS INCLUDED	3, 5, 7	3, 4, 5, 6, 7	34, 35, 36, 37	11, 12, 13	2
NUMBER OF CYLINDERS KIT WILL SERVICE	3	1	1	6	3

8.750-297.0, 8 GPM, 2320 PSI
 8.750-298.0, 8 GPM, 3630 PSI
 8.750-299.0, 8 GPM, 4500 PSI



REF	PART NO.	QTY	DESCRIPTION	NOTES
25	8.750-713.0	1	OUTLET FITTING	
18	8.750-712.0	1	KNOB, UNLOADER	
-	8.750-709.0	-	REPAIR KIT, VRT3, 2320/3630 PSI	
-	8.750-710.0	-	REPAIR KIT, VRT3, 4500 PSI	
-	-	-	(KIT ITEMS: 3, 4, 6, 9-12, 21, 24)	

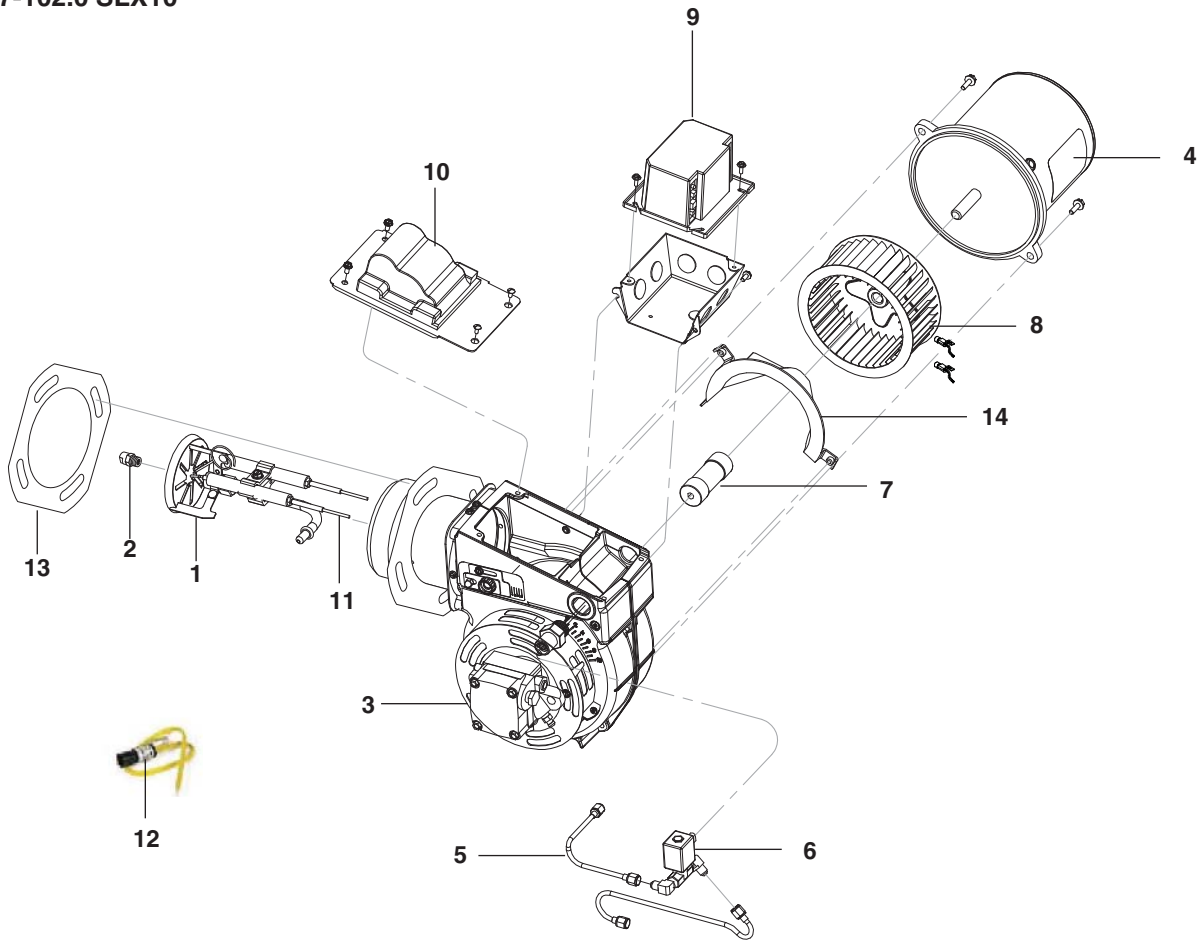
Unloader Adjustment Procedures

1. Remove lock nut (Item 19).
2. Remove adjustment knob (Item 18).
3. Loosen the two (2) nuts (Item 15), move them upward on stem (Item 8) until you see 4 or more threads below the nut.
4. Re-attach adjusting knob (Item 18).
5. Start machine. Open the trigger of the spray gun. Increase pressure by turning adjustment knob (Item 18) clockwise until pressure is at the desired operating pressure.
6. Remove the adjustment knob (Item 18), tighten the lower nut (Item 15) tightly against the upper nut (Item 15). Re-attach adjustment knob (Item 18) and screw down until contact is made with the nuts (Items 15). Screw down lock nut (Item 19) onto the stem (Item 8) until the threads cut into the nylon insert of the lock nut (Item 19).

*If adjustment knob (Item 18) **DOES NOT** make contact with upper nut (Items 15), remove adjusting knob (Item 18), re-adjust (raise) nuts (Items 15) on stem (Item 8) and re-attach adjustment knob (Item 18), then repeat step #6.

If adjustment knob (Item 18) **DOES make contact with upper nut; release the trigger of the spray gun and watch the pressure gauge for the pressure increase (“spike”). This “spike” **SHOULD NOT** exceed 500 psi above the operating pressure. If “spike” pressure exceeds the 500 psi limit, remove the adjusting knob (Item 18) and re-adjust (lower) the nuts (Items 15) on the stem (Item 8). Re-attach the adjusting knob (Item 18), then repeat step #6.

8.717-102.0 SLX10



REF	PART NO.	QTY	DESCRIPTION	NOTES
1	8.718-216.0	1	NOZZLE LINE ASSY (ATC CF60KHS) INCLUDES AIR TUBE, HEAD, NOZZLE GUN ASSY.	
2	8.717-367.0	1	NOZZLE, 4.5 80B (SLX10)	
3	8.717-832.0	1	FUEL PUMP, B2YA-8916	(7-00050)
4	8.701-088.0	1	MOTOR, 1/3 HP 120V	(21341) (7-00050)
5	9.802-667.0	1	FUEL LINE, 8"	
6	8.717-844.0	1	VALVE, FUEL 120V	
7	9.803-058.0	1	COUPLING	
8	8.717-835.0	1	BLOWER WHEEL, 6-5/16 X 2-3/8	
9	8.717-719.0	1	PRIMARY CONTROL, R8184G1294	
10	9.803-060.0	1	IGNITOR	
11	8.723-939.0	1	ELECTRODES	
12	9.802-676.0	1	CAD CELL PHOTOELECTRIC	
13	9.802-653.0	1	GASKET, FLANGE	(31802) (7-00050)
14	8.750-085.0	1	AIR GUIDE	(178)

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