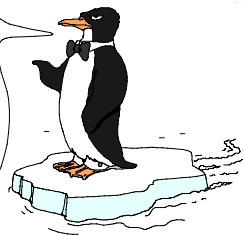


1800 PSI GENERAC

The Reliable Ones High Pressure Washer Owner's Manual

**Problems?
Questions?**
Before taking your unit
back to the store,
call the pressure washer
helpline at
1-800-270-1408
M-F 8-5 CST

This pressure
washer is equipped
with an Automatic
Cool Down System.
See page 11 for
details.



Model No. 1195-0 (1800 PSI High Pressure Washer) Manual No. B2808 Revision 1 (6/9/98)



This symbol points out important safety instructions, which, if not followed, could endanger the personal safety and/or property of yourself and others. Read and follow all instructions in the manual before attempting to operate this unit.



CAUTION: Always disconnect spark plug wire and place wire where it cannot contact spark plug to prevent accidental starting when setting up, transporting, adjusting or making repairs to your high pressure washer.

- Engine exhaust gases contain DEADLY carbon monoxide gas. This dangerous gas, if breathed in sufficient concentrations, can cause unconsciousness or even death. Operate this equipment only in the open air where adequate ventilation is available.

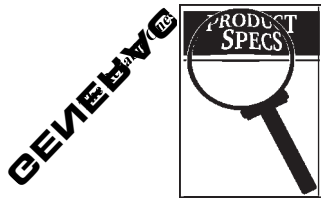


WARNING:



The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

- Gasoline is highly FLAMMABLE and its vapors are EXPLOSIVE. Do not permit smoking, open flames, sparks or heat in the vicinity while handling gasoline. Avoid spilling gasoline on a hot engine. Allow unit to cool for 2 minutes before refueling. Comply with all laws regulating storage and handling of gasoline.
- Locate this pressure washer in areas away from combustible materials, combustible fumes or dust.
- The high pressure equipment is designed to be used with Generac authorized parts only. If you use this equipment with parts that do not comply with minimum specifications, the user assumes all risks and liabilities.
- Some chemicals or detergents may be harmful if inhaled or ingested, causing severe nausea, fainting or poisoning. The harmful elements may cause property damage or severe injury.
- Do not allow CHILDREN to operate the Pressure Washer at any time.
- Operate engine only at governed speed. Running the engine at excessive speeds increases the hazard of personal injury. Do not tamper with parts which may increase or decrease the governed speed.
- Do not wear loose clothing, jewelry or anything that may be caught in the starter or other rotating parts.
- Before starting the Pressure Washer in cold weather, check all parts of the equipment and be sure ice has not formed there.
- Units with broken or missing parts, or without protective housing or covers should NEVER be operated.
- The muffler and air cleaner must be installed and in good condition before operating the Pressure Washer. These components act as spark arrestors if the engine backfires.
- Check the fuel system for leaks or signs of deterioration such as chafed or spongy hose, loose or missing clamps or damaged tank or cap. Correct all defects before operating the Pressure Washer.
- Do not spray flammable liquids.
- Never aim the gun at people, animals or plants.
- High pressure spray can cause paint chips or other particles to become airborne and fly at high speeds.
- Never allow any part of the body to come in contact with the fluid stream. DO NOT come in contact with a fluid stream created by a leak in the high pressure hose.
- The high pressure stream of water that this equipment produces can pierce skin and its underlying tissues, leading to serious injury and possible amputation.
- Always wear eye protection when you use this equipment or when you are in the vicinity where the equipment is in use.
- Operate the pressure at no more than the PSI fluid pressure rated for your pressure washer.
- Never move the machine by pulling on the high pressure hose. Use the handle provided on the top of the unit.
- Always be certain the spray gun, nozzles and accessories are correctly attached.
- Never use a spray gun which does not have a trigger lock or trigger guard in place and in working order.
- Use a respirator or mask whenever there is a chance that vapors may be inhaled. Read all instructions with mask so you are certain the mask will provide the necessary protection against inhaling harmful vapors.
- High pressure spray may damage fragile items including glass. Do not point spray gun at glass when in the jet spray mode.
- Keep the hose connected to machine or the spray gun while the system is pressurized. Disconnecting the hose while the unit is pressurized is dangerous.
- Hold the spray gun firmly in your hand before you start the unit. Failure to do so could result in an injury from a whipping spray gun. Do not leave the spray gun unattended while the machine is running.
- The cleaning area should have adequate slopes and drainage to reduce the possibility of a fall due to slippery surfaces.
- Keep water spray away from electric wiring or fatal electric shock may result.
- Do not secure trigger gun in the pull-back (open) position.
- Do not by-pass any safety device on this machine.
- The muffler and engine heat up during operation and remain hot immediately after shutting it down. Avoid contact with a hot muffler or engine or you could be severely burned.
- Operate and store this unit on a stable surface.
- High pressure hose can develop leaks from wear, kinking, abuse, etc. Water spraying from a leak is capable of injecting material into skin. Inspect hose each time before using it. Check all hoses for cuts, leaks, abrasions or bulging of cover, or damage or movement of couplings. If any of these conditions exist, replace hose immediately. Never repair high pressure hose. Replace it with another hose that meets minimum pressure rating of your pressure washer.



CONGRATULATIONS on your purchase of a GENERAC high pressure washer. It has been designed, engineered and manufactured to give you the best possible dependability and performance.

Should you experience any problem you cannot easily remedy, please contact your nearest GENERAC Authorized Service facility, or call the 1-800 number listed on the front of this manual. We have competent, well-trained technicians and the proper tools to service or repair this unit.

Please read and retain this manual. The instructions will enable you to assemble and maintain your high pressure washer properly.

Model Number **1195-0**

Serial Number _____

Date of Purchase _____

The model and serial numbers will be found on a decal attached to the pressure washer. You should record both serial number and date of purchase and keep in a safe place for future reference.

CUSTOMER RESPONSIBILITIES

- Read and observe the safety rules.
- Follow regular schedule in maintaining, caring for and using your high pressure washer.
- Follow the instructions under "Customer Responsibilities" and "Storage" sections of this Owner's Manual.

PRODUCT SPECIFICATIONS

■ Pressure Washer Specifications

Outlet Pressure 1800 psi
Flow Rate 2.0 gallons per minute (gpm)
Detergent Mix Use undiluted detergent approved for pressure washers
Water Supply Temperature Not to Exceed 140°F
Automatic Cool Down System Will cycle when water reaches 140°-145°F

■ Engine Specifications

Engine Model Honda GC 135
Rated Horsepower . . 4.0
Displacement 135cc
Spark Plug
 Type NGK:BPR6ES
 Set Gap To: . . 028-.031 inch (.7-.8mm)
Gasoline Capacity . . 1.8 U.S. quarts
Oil SAE 10W30

In the State of California a spark arrestor is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands.

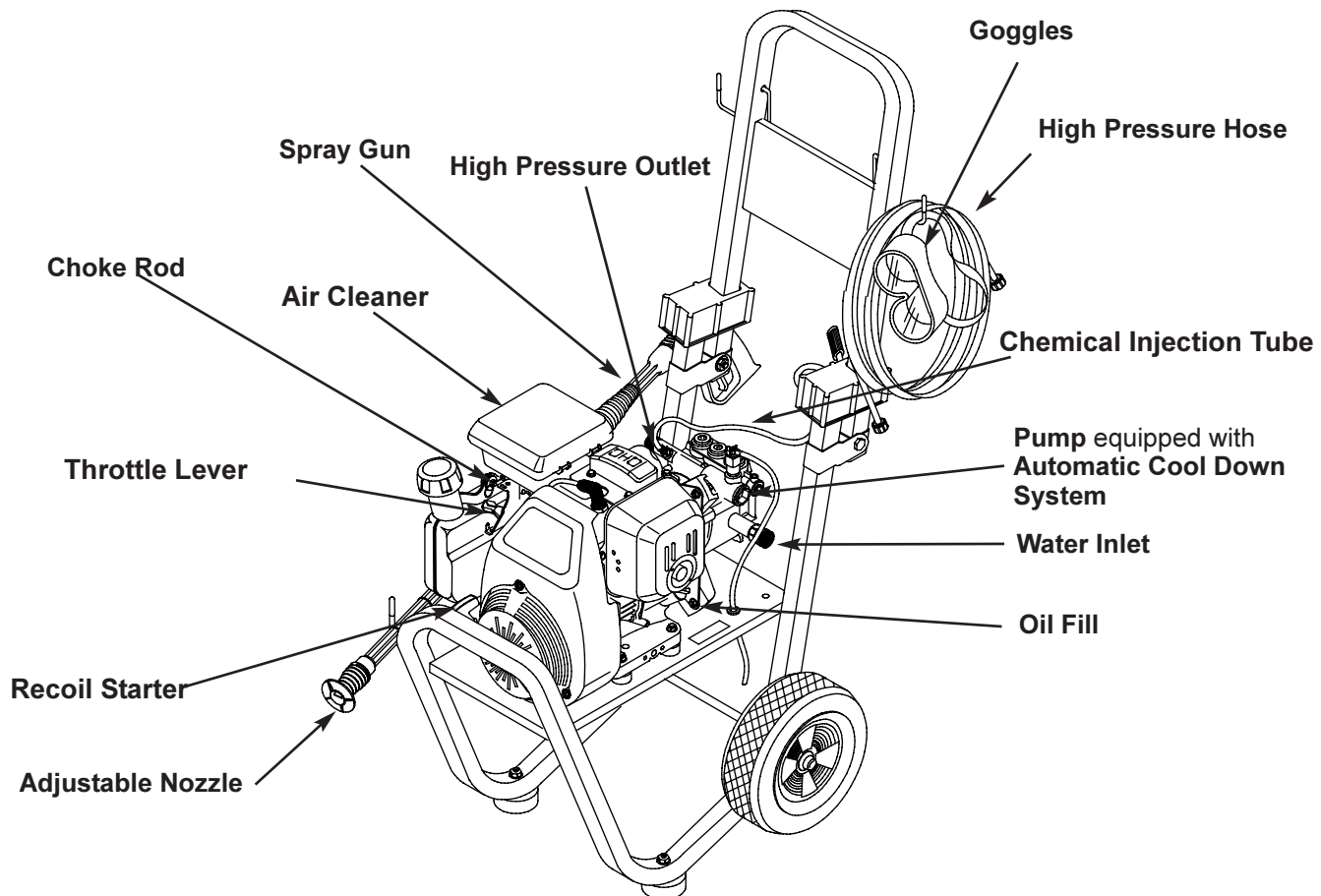
NOTE: If you equip the engine of your pressure washer with a spark arrestor muffler, the spark arrestor must be maintained in effective working order by the owner/operator.

You can order a spark arrestor through your authorized Honda service dealer.

KNOW YOUR PRESSURE WASHER

Read this owner's manual and safety rules before operating your high pressure washer.

Compare the illustrations with your high pressure washer to familiarize yourself with the locations of various controls and adjustments. Save this manual for future reference.



Adjustable Nozzle — You must attach this to the spray gun to provide high pressure stream. Adjustable nozzle allows you to adjust force of spray and spray pattern.

Air Cleaner — Dry type filter element limits the amount of dirt and dust that gets in the engine.

Automatic Cool Down System — Cycles water through pump when water reaches 140°-145°F. **Warm water will discharge from pump onto ground. This system prevents internal pump damage.**

Chemical Injection Tube—Used to siphon chemical from the detergent container to the pump.

Choke Rod— Prepares a cold engine for starting.

Goggles — Always use the enclosed goggles or other eye protection when running your pressure washer.

High Pressure Hose — Connect one end to water pump and the other end to spray wand.

High Pressure Outlet — Connection for high pressure hose.

Oil Fill—Oil input area.

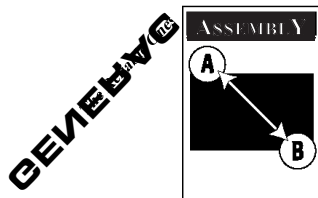
Pump — Develops high pressure.

Recoil Starter — Used for starting the engine manually.

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

Throttle Lever—Sets engine in starting mode for recoil starter and stops a running engine.

Water Inlet — Connection for garden hose.



Read entire Owner's manual before you attempt to assemble or operate your new pressure washer. Your new pressure washer has been assembled at the factory with exception of those parts left unassembled for shipping purposes.

REMOVE PRESSURE WASHER FROM CARTON

- Remove parts box included with pressure washer.
- Slice two corners at guide handle end of carton from top to bottom so the panel can be folded down flat, then remove all packing material.
- Roll pressure washer out of carton.

CARTON CONTENTS

Items in the carton include:

- Main Unit
- High Pressure Hose
- Parts Box (which includes the following):
 - Wireform
 - Goggles
 - Nozzle Cleaning Kit
 - Owner's Manual
 - Engine Manual
 - Spray Gun
 - Nozzle Extension

If any of the above parts are missing or damaged, call the pressure washer helpline at **1-800-270-1408**.

PREPARING THE PRESSURE WASHER FOR USE

If you have any problems with the assembly of your pressure washer or if parts are missing or damaged, call the Pressure Washer Helpline at **1-800-270-1408**.

To prepare your pressure washer for operation you will need to perform these tasks:

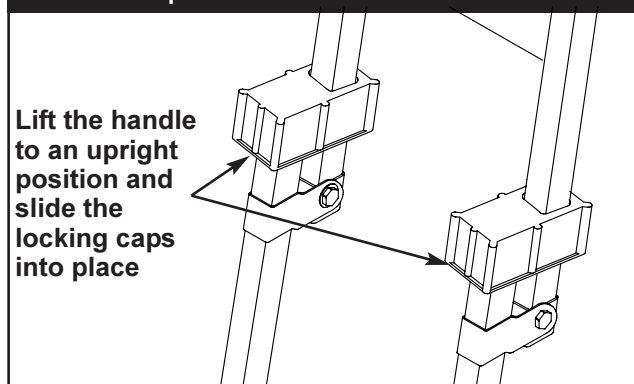
- Unfold the handle and attach the wire form that holds high pressure hose and spray gun.
- Connect the high pressure hose to the spray gun and the pump and connect the water supply to the pump.

- Add oil to the engine crankcase.
- Add fuel to the fuel tank.

■ Secure Handle and Wire Form

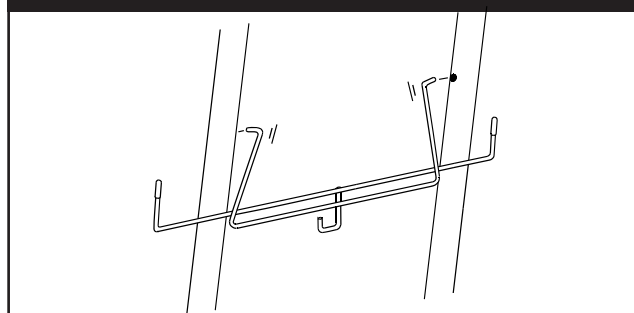
- Lift the handle upward and allow the locking caps to slide over the bottom part of the handle to secure it in place. (Figure 1).

Figure 1 — Lift the handle into an upright position.



- Insert the wire form into the handle with the longer arm positioned on the left. From this view the hook should resemble a "J" (Figure 2).

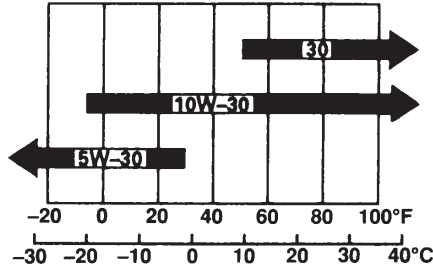
Figure 2 — Fit wire form on handle.



■ Add Engine Oil

IMPORTANT: Any attempt to crank or start the engine before it has been properly serviced with the recommended oil may result in an engine failure.

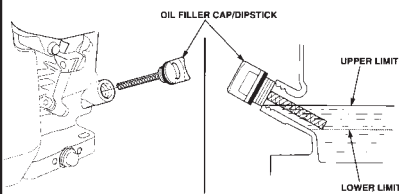
Note: When adding oil to the engine crankcase, use only high quality detergent oil rated with API service classification SF or SG rated SAE 10W30 weight. Do Not Use SAE 10W40 Oil.



AMBIENT TEMPERATURE

- Place the pressure washer on a level surface.
- Clean the area around oil fill and remove the oil dipstick (Figure 3).

Figure 3 — Add oil to engine crankcase. Do not attempt to start engine without adding oil.



- Wipe the dipstick clean.
- Insert and remove the dipstick without screwing it into the filler neck. Check the oil level shown on the dipstick.
- If the oil level is low, fill to the edge of the oil filler hole with the recommended oil. DO NOT OVER-FILL.
- Reinstall the oil dipstick, hand tighten securely.

Note: Check Oil Often During Engine Break-in.

■ Add Gasoline



DANGER! Never fill fuel tank indoors. Never fill fuel tank when engine is running or hot. Do not smoke when filling fuel tank.

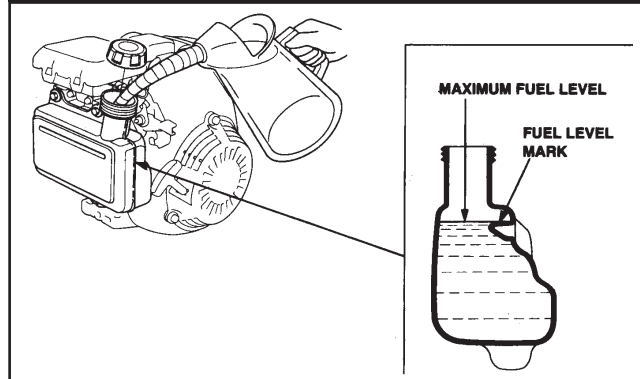


WARNING! Never fill fuel tank completely full. Fill tank to about 1/2" below the bottom of the filler neck to provide space for fuel expansion. Wipe away any fuel spillage from engine and equipment before starting.

The manufacturer recommends fresh, clean unleaded regular automotive gasoline.

- Use clean fuel and store in approved, clean covered containers. Use clean fill funnels. Never use "stale" gasoline left over from last season or gasoline stored for long periods.
- Clean the area around the fuel fill cap, remove the cap (Figure 4).

Figure 4 — Add gasoline to fuel tank.



- Add "UNLEADED" regular gasoline, slowly, to fuel tank. Use a funnel to prevent spillage.
- Install the fuel cap and wipe up any spilled gasoline.

■ Connect Hose and Water Supply to Pump

IMPORTANT: You must assemble the wand and attach all hoses before you start the engine. Starting engine without all hoses connected and water supplied will damage the pump.

- Uncoil the high pressure hose and attach one end of the hose to the base of the spray gun. (Figure 5). Tighten by hand.
- Attach the other end of the high pressure hose to the high pressure fitting on the pump (Figure 6). Tighten by hand.

Figure 5 — Connect high pressure hose to spray gun.

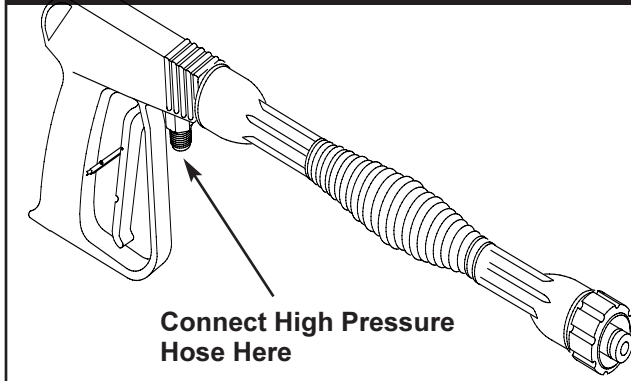
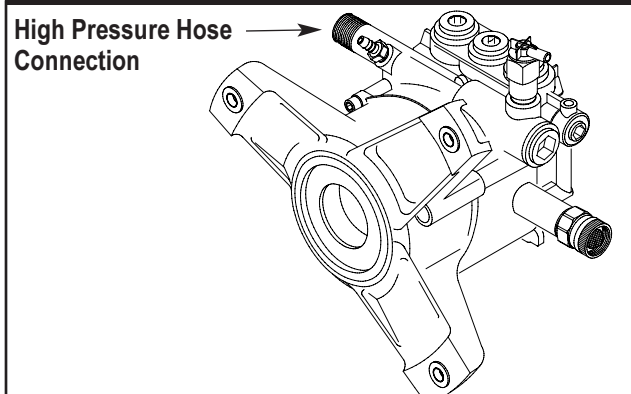


Figure 6 — Connect high pressure hose to pump.



- Before you connect your garden hose to the water inlet, inspect the Inlet Screen (Figure 7). Clean the screen if it contains debris or have it replaced if damaged. **DO NOT RUN THE PRESSURE WASHER IF THE SCREEN IS DAMAGED.**
- Connect the garden hose to the water inlet. Tighten by hand (Figure 7).
- Turn ON the water.
- Squeeze the trigger on the gun to purge the pump system of air and impurities.

CAUTION: Before starting the pressure washer, be sure you are wearing adequate eye protection.

- Attach the nozzle extension to the spray gun. Tighten By Hand (Figure 8).

Figure 7 — Connect the garden hose to water inlet and turn ON the water.

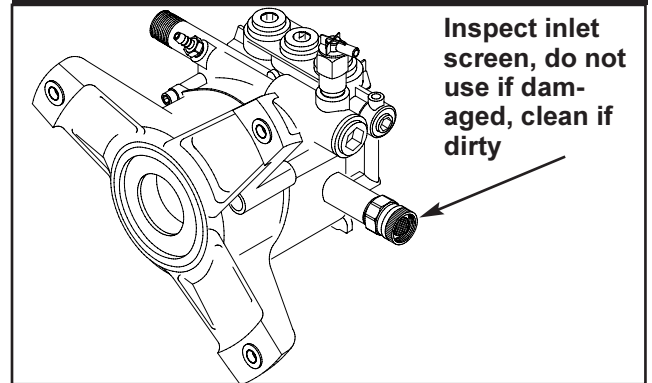
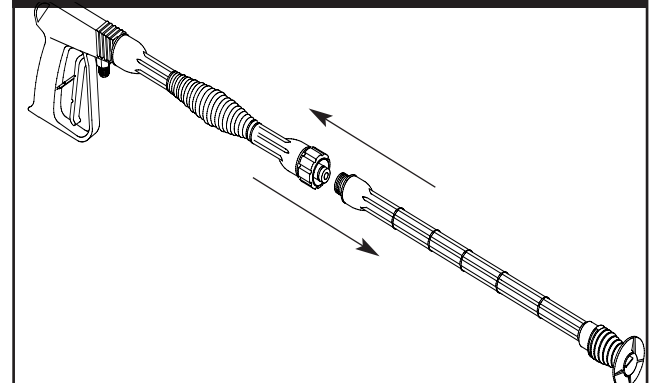


Figure 8 — Connect nozzle extension to spray gun.



CHECKLIST BEFORE STARTING ENGINE

If you have reached this point, look back over the assembly to see if you have performed all of the following.

- Check for properly tightened hose connections (high pressure and water supply) and for tight connections and that there are no kinks, cuts, or damage to the high pressure hose.
- Check that oil has been added to the proper level in the engine crankcase before trying to start the pressure washer.
- Add the proper gasoline to fuel tank.
- Provide a proper water supply (not to exceed 140°F).
- Be sure to read the "Safety Rules" and "Operation" sections before using the pressure washer.

HOW TO USE YOUR PRESSURE WASHER

If you have any problems operating your pressure washer, please call the pressure washer helpline at 1-800-270-1408.

How to Start Your Engine

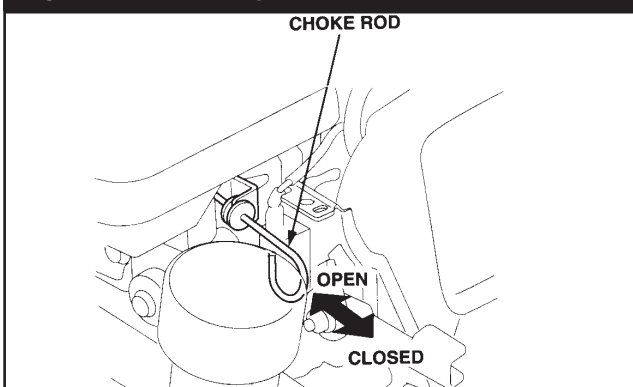
The best way to start your engine-powered pressure washer for the first time is to follow these instructions step-by-step. This starting information also applies whenever you start the engine after you have let the pressure washer sit idle for at least a day.

- Place the pressure washer in an area close enough to an outside water source that can flow at a rate of 2 gallons per minute.
- Check that the high pressure hose is tightly connected to the spray gun and to the pump. See "Preparing the Pressure Washer for First Use" for illustrations.
- Connect the garden hose to the water inlet on the pressure washer pump and **turn on the water**.

IMPORTANT: Do not run the pump without the water supply connected and turned on. You must follow this caution or the pump will be damaged.

- Pull the Choke to the **CLOSED** position (full choke) (Figure 9).

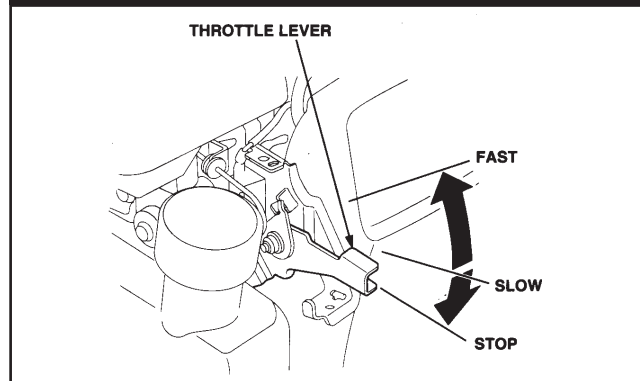
Figure 9 – Choke positions.



- Move the Throttle Control Lever to the **'Fast'** position (Figure 10).

Note: For a warm engine, be sure the Choke is in the **OPEN** position (no choke).

Figure 10 – Throttle control positions.



- Squeeze the trigger on the spray gun (make sure the nozzle is in low pressure mode) to relieve the air pressure caused by turning **ON** the water. Water will spew out of the gun in a thin stream. Hold the trigger until a steady stream of water appears. This will make it easier to pull start the engine. Release the trigger.
 - Apply the safety latch to the spray gun trigger
 - Grasp the rope handle and pull slowly until you feel some resistance. Then pull the cord rapidly to overcome compression, prevent kickback and start the engine. Let the rope return to the starter slowly.
- Note:** Always keep the Throttle Control Lever in the **'Fast'** position when operating the pressure washer.
- If the engine fails to start repeat above steps.
 - If the choke was pulled to the **CLOSED** position to start the engine, slowly push it to the **OPEN** position as soon as the engine warms up enough to run smoothly.

How to Stop Your Pressure Washer

- Move the Throttle Control Lever to the **'Slow'** position.
- Wait for the engine to idle down.
- Move the Throttle Control Lever to the **'Stop'** position.
- Simply shutting off the engine will not release pressure in the system. **Squeeze trigger on the spray gun to relieve pressure in the hose.**

Note: A small amount of water will squirt out when you release the pressure.



■ How to Use the Adjustable Nozzle

The information in this section will tell you how to adjust the spray pattern and apply detergent or any other cleaning chemicals.



DANGER! Never adjust spray pattern when spraying. Never put hands in front of nozzle to adjust spray pattern.

On the end of your spray gun is a nozzle that you can slide forward and backward and that you can also twist from side to side. With the adjustable nozzle you can adjust the spray pattern to be either high pressure or low pressure. You can also adjust the spray so it is concentrated in a stream pattern or expanded into a fan pattern.

- Slide the nozzle forward when you wish to adjust the spray to low pressure mode (Figure 11). Slide the nozzle backward to achieve high pressure.
- Point the nozzle toward the ground and press the trigger to test the pattern (Figure 12).

- Twisting the nozzle adjusts the spray pattern from a narrow pattern to a fan pattern.
- For most effective cleaning, keep the spray nozzle between 8 to 24 inches away from the cleaning surface.
- If you get the spray nozzle too close, especially using high pressure mode, you may damage the cleaning surface.
- Do not get closer than 8 inches when cleaning tires.

■ Applying Detergent with the Adjustable Nozzle

IMPORTANT: Use soaps designed specifically for pressure washers. Household detergents could damage the pump.

IMPORTANT: You must **attach all hoses** before you start the engine. Starting the engine without all the hoses connected and without the water turned ON will damage the pump.

Figure 11 — Using the adjustable nozzle.

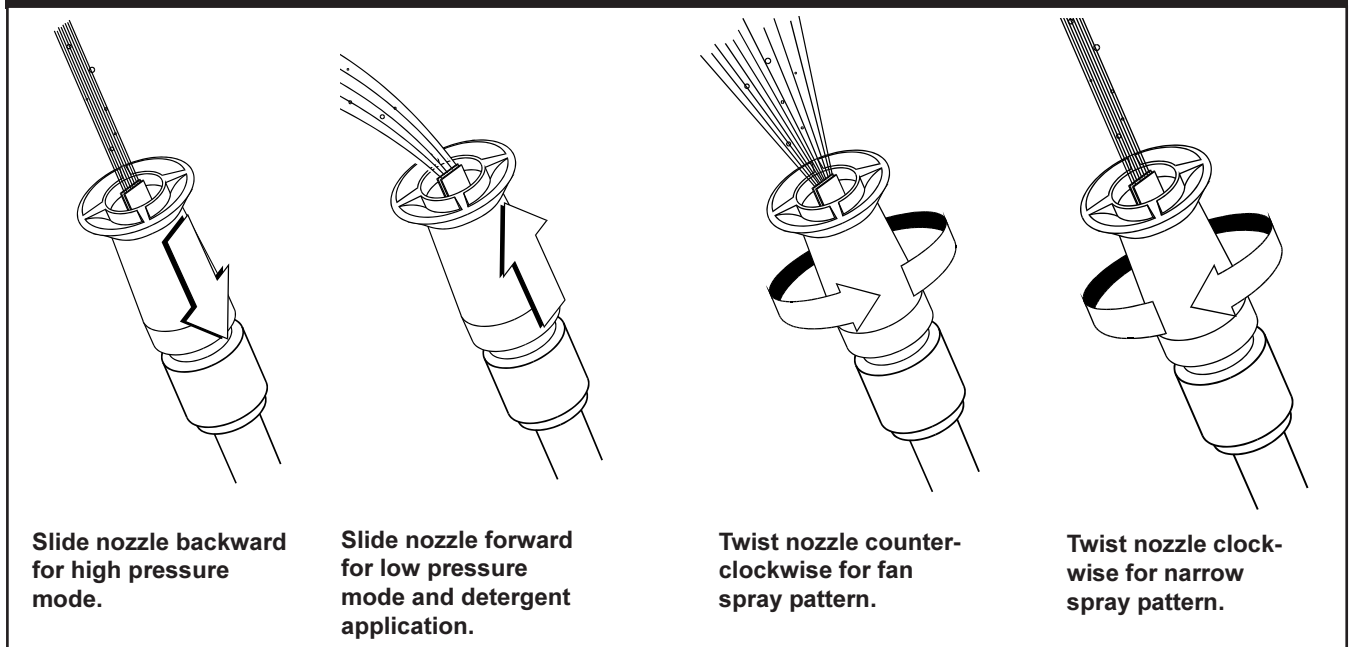


Figure 12 — Test the spray pattern.



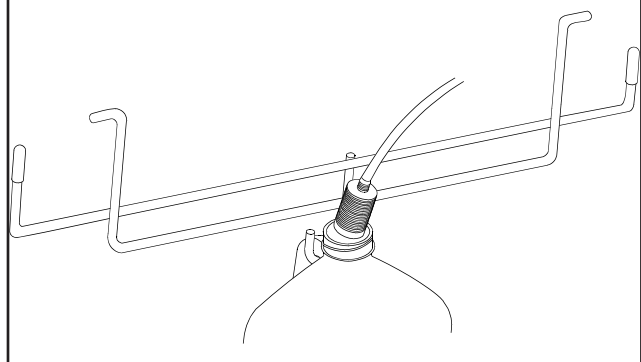
To apply detergent follow these steps:

- Review the use of adjustable nozzles.
- Prepare the detergent solution as required by the job.
- Hang the detergent solution on the hook of the wireform on the handle as shown in Figure 13.
- Place the small filter of the clear, detergent siphoning tube into the detergent container.
- Slide the adjustable nozzle forward to low pressure mode.

Note: Detergent cannot be applied with the nozzle in high pressure position.

IMPORTANT: Detergent cannot be applied without the water source turned on.

Figure 13 — Insert the small filter into container of cleaning solution.



- Make sure the garden hose is connected to the water inlet. Check that the high pressure hose is connected to the spray gun and the pump (see HOW TO USE YOUR PRESSURE WASHER), and start the engine.
- Apply the detergent to a dry surface, starting from the bottom and working up.
- Allow the detergent to soak in between 3-5 minutes before washing and rinsing.
- For washing, start at lower portion of area to be washed and work upward, using long, even, overlapping strokes. Do not allow the detergent to dry on. This will prevent streaking.



CAUTION: Keep the detergent siphoning tube from coming in contact with the hot muffler. This will damage the plastic tube. When inserting the filter into a cleaning agent bottle, route the tube so as to keep it from inadvertently contacting the hot muffler.



■ Pressure Washer Rinsing



WARNING: Be extremely careful if you must use the pressure washer from a ladder, scaffolding or any other relatively unstable location. Pressure in a running washer builds as you climb. When you press the trigger, the recoil from the initial spray could force you to fall. The high pressure spray could also force you to fall if you are too close to the cleaning surface.

For Rinsing:

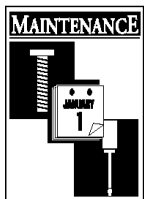
- Slide the nozzle forward to high pressure and wait for the detergent to clear.
- Keep the spray gun a safe distance from the area you plan to spray.
- Apply a high pressure spray to a small area and then check the surface for damage. If no damage is found, you can assume it is okay to continue cleaning.

- Start at the top of the area to be rinsed, working down with same overlapping strokes as you used for cleaning.

Note: You can also stop detergent from flowing by simply removing detergent siphoning tube from bottle.

■ Automatic Cool Down System (Thermal Relief)

If you run the engine on your pressure washer for 3-5 minutes without pressing the trigger on the spray gun, circulating water in the pump can reach a temperature between 140–145°F. When the water reaches this temperature, the automatic cool down system engages and cools the pump by **discharging the warm water onto the ground**. This system prevents internal damage to the pump.



GENERAL MAINTENANCE RECOMMENDATIONS

The warranty of the high pressure washer does not cover items that have been subjected to operator abuse or negligence. To receive the full value from the warranty, the operator must maintain the high pressure washer as instructed in this manual.

- Some adjustments will need to be made periodically to properly maintain your high pressure washer.
- All adjustments in the Service and Adjustments section of this manual should be made at least once each season.
- Once a year you should clean or replace the spark plug and clean or replace the air filter and check the gun and wand assembly for wear. A new spark plug and clean air filter assure proper fuel-air mixture and help your engine run better and last longer.

■ BEFORE EACH USE

- Check engine oil level.
- Check water inlet screen for damage.
- Check high pressure hose for leaks.
- Check detergent siphoning tube and filter for damage.
- Check gun and wand assembly for leaks.

PRESSURE WASHER MAINTENANCE

■ Check and Clean Inlet Screen

Examine the screen on the water inlet. Clean it if the screen is clogged or replace it if screen is damaged.

■ Check High Pressure Hose

The high pressure hose can develop leaks from wear, kinking, or abuse. Inspect the hose each time before using it. Check for cuts, leaks, abrasions or bulging of cover, damage or movement of couplings. If any of these conditions exist, replace the hose immediately.



DANGER: Water spraying from a leak is capable of injecting material into skin. Inspect hose each time before using it. Never repair a high pressure hose. Replace it with another hose that meets the maximum pressure rating of your pressure washer.

■ Check Detergent Siphoning Tube

Examine the filter on the detergent hose and clean if clogged. The tube should fit tightly on the barbed fitting. Examine the tube for leaks or tears. Replace the filter or tube if either is damaged.

■ Check Gun and Wand

Examine the hose connection to the gun and make sure it is secure. Test the trigger by pressing it and making sure it springs back into place when you release it. Put the safety latch in the ON position and test the trigger. You should not be able to press the trigger.

■ Purge Pump of Air and Contaminants

To remove the air from the pump, follow these steps:

- Set up the pressure washer as described in the "PREPARING THE PRESSURE WASHER FOR FIRST USE" and connect the water supply.
- Remove the wand extension from the gun.
- Pull the trigger on the gun and hold.

To remove the contaminants from the pump, follow these steps:

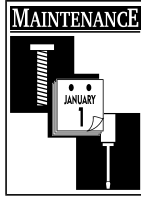
- Set up the pressure washer as described in the HOW TO USE YOUR PRESSURE WASHER section, and connect the water supply.
- Remove the nozzle attachment from the gun.
- Start the engine according to instructions in OPERATION section.
- Squeeze the trigger on the gun and hold.
- When the water supply is steady and constant, engage the safety latch and refasten the nozzle attachment.

■ Cleaning Detergent Siphoning Tube

If you have used the detergent siphoning tube you must flush it with clean water before stopping the engine.

- Place the detergent siphoning tube in a bucket full of clean water.
- Flush for 1-2 minutes.
- Shut off the engine.

Important: Simply shutting OFF engine will not release pressure in the system. When the engine has shut down, **squeeze the trigger on the gun to relieve the pressure in the hose.**



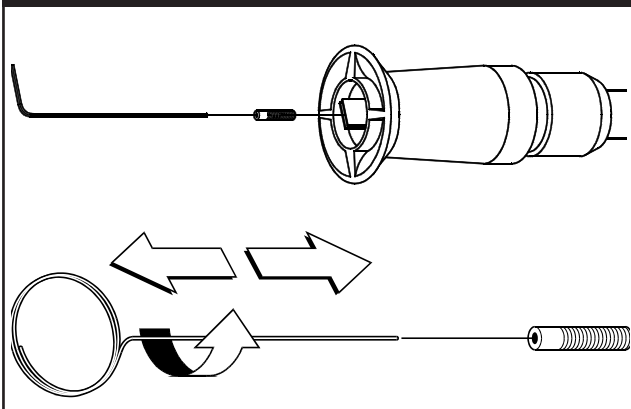
■ Nozzle Maintenance

If the adjustable nozzle becomes restricted or clogged with foreign materials, such as dirt, excessive pump pressure may develop. If this nozzle becomes partially clogged, it can cause a pulsing sensation during use. This generally is not a pump related problem, but rather a clogged or partially restricted adjustable nozzle.

If the adjustable nozzle becomes clogged or partially restricted, immediately clean the nozzle with the kit included with your pressure washer by following these instructions:

- Shut off the engine and turn off the water supply.
- Separate the nozzle extension from the gun.
- Adjust the nozzle extension to the stream position.
- Remove the nozzle from the end of the nozzle extension (Figure 14) using a 2mm or 5/64 allen wrench (like the one included in the kit).

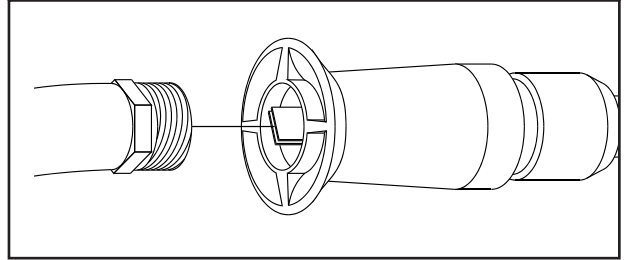
Figure 14 — Removing and cleaning nozzle.



- Use the wire included in the kit (Figure 14) or a small paper clip to free the foreign materials clogging or restricting the nozzle.

- Remove additional debris by back flushing the water supply through the nozzle extension (Figure 15). Back flush between 30 to 60 seconds. Turn the nozzle extension to stream spray and move the nozzle from low to high while flushing.

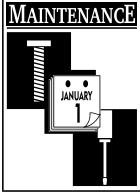
Figure 15 — Backflushing the nozzle.



- Reinstall the nozzle into the nozzle extension. DO NOT over tighten.
- Reconnect the nozzle extension to the gun.
- Reconnect the water supply, turn on the water, and start the engine.
- Test the pressure washer by operating with nozzle in the high and in the low position.

ENGINE MAINTENANCE

See the engine owner's manual for instructions on how to properly maintain the engine.



SERVICE AND ADJUSTMENTS

See the engine Owner's Manual for instructions on how to properly service and adjust the engine.

PREPARING THE UNIT FOR STORAGE

Water should not remain in the unit for long periods of time. Sediments of minerals can deposit on pump parts and "freeze" pump action. If you do not plan to use the pressure washer for more than 30 days, follow this procedure:

1. Flush detergent siphoning tube by placing the filter into a pail of clean water while running pressure washer with nozzle in low pressure mode. Flush for one to two minutes.
2. Shut off the engine and let it cool, then remove all hoses.
3. Place the throttle lever in STOP position.



CAUTION: Be sure lever is in "STOP" position before you continue. If you start engine without proper water supply connected, you can damage pump.

4. Empty the pump of all pumped liquids by pulling the recoil handle about 6 times. This should remove most of the liquid in the pump.

NOTE: To protect the unit from freezing temperatures, draw RV antifreeze (no alcohol) into the pump by pouring windshield washer fluid into a 3-foot section of garden hose connected to inlet adapter and pulling recoil handle twice.

5. Store in a clean, dry area.

STORING THE ENGINE

See the engine Owner's manual for instructions on how to properly store the engine.



TROUBLESHOOTING POINTS

Problem

Pump has following problems:
failure to produce pressure, erratic pressure, chattering, loss of pressure, low water volume.

Cause

1. Nozzle in low pressure mode.
2. Water inlet is blocked.
3. Inadequate water supply.
4. Inlet hose is kinked or leaking.
5. Clogged inlet hose strainer.
6. Water supply is over 140°F.
7. Outlet hose is blocked or leaks.
8. Gun leaks.
9. Nozzle is obstructed.
10. Pump is faulty.

Correction

1. Pull nozzle backward for high pressure mode.
2. Clear inlet
3. Provide adequate water flow.
4. Straighten inlet hose, patch leak.
5. Check and clean inlet hose strainer.
6. Provide cooler water supply.
7. Clear blocks in outlet hose.
8. Replace gun.
9. Clean nozzle.
10. Contact Generac service facility.

Detergent fails to mix with spray.

1. Detergent siphoning tube is not submerged.
2. Chemical filter is clogged.
3. Nozzle is in high pressure mode.

1. Insert detergent siphoning tube into detergent.
2. Clean or replace filter/detergent siphoning tube.
3. Push nozzle forward for low pressure mode.

Engine runs good at no-load but "bogs" when load is added.

Engine speed is too slow.

Move throttle control to FAST position. If engine still "bogs down" contact Generac service facility.

Engine will not start; or starts and runs rough.

1. Low oil level.
2. Dirty air cleaner.
3. Out of gasoline.
4. Stale gasoline.
5. Spark plug wire not connected to spark plug.
6. Bad spark plug.
7. Water in gasoline.
8. Overchoking.
9. Excessively rich fuel mixture.
10. Intake valve stuck open or closed.
11. Engine has lost compression.

1. Fill crankcase to proper level.
2. Clean or replace air cleaner.
3. Fill fuel tank.
4. Drain gas tank; fill with fresh fuel.
5. Connect wire to spark plug.
6. Replace spark plug.
7. Drain gas tank; fill with fresh fuel.
8. Open choke fully and crank engine.
9. Contact Generac service facility.
10. Contact Generac service facility.
11. Contact Generac service facility.

Engine shuts down during operation.

1. Out of gasoline.
2. Low oil level.

1. Fill fuel tank.
2. Fill crankcase to proper level.

Engine lacks power.

Dirty air filter.

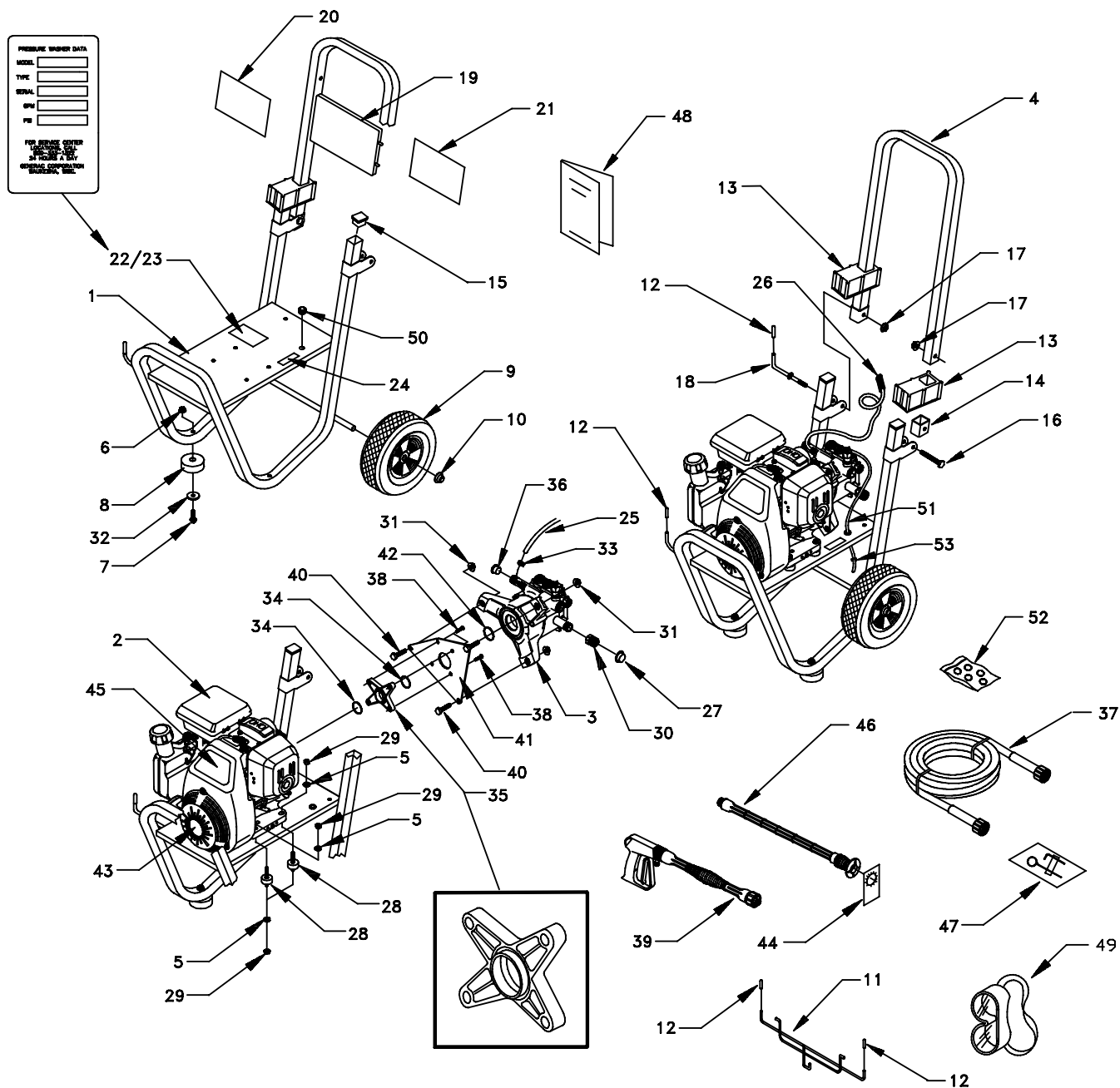
Replace air filter.

Engine "hunts" or falters.

Choke is opened too soon.

Move choke to halfway position until engine runs smoothly.

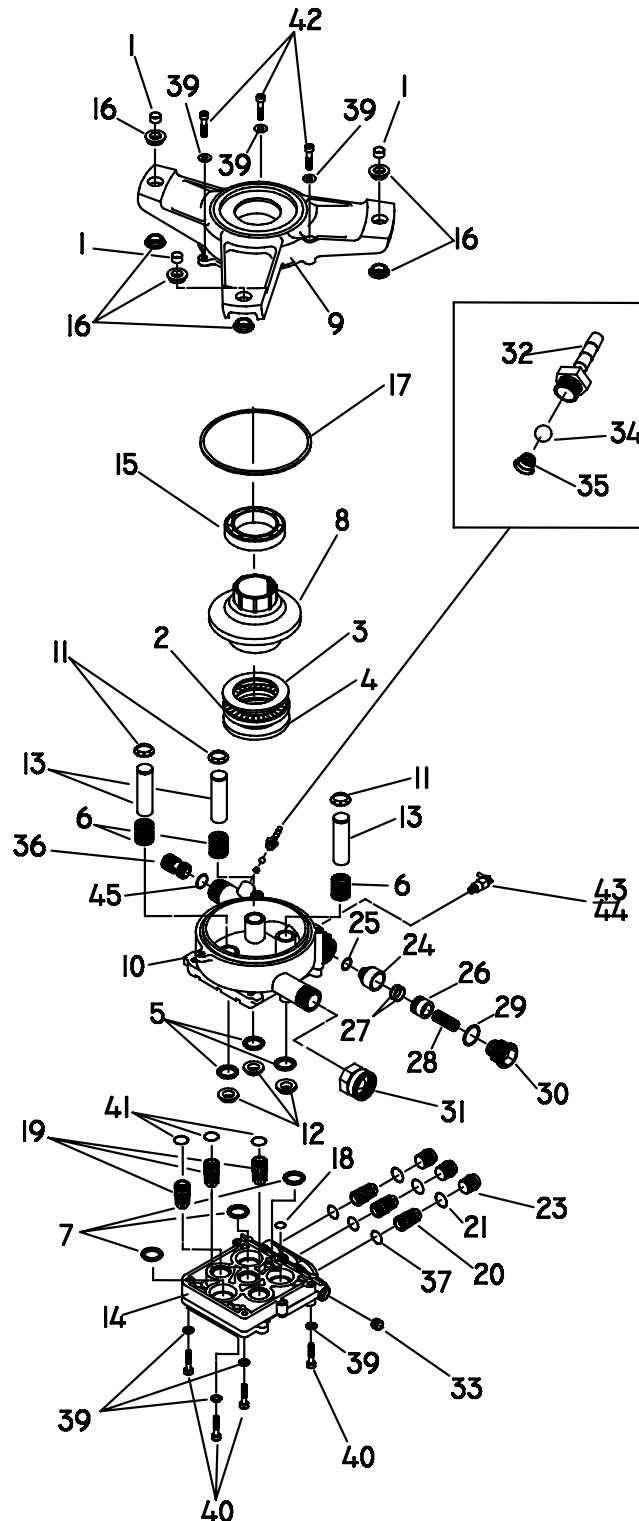
EXPLODED VIEW — PRESSURE WASHER



**REPAIR PARTS — PRESSURE WASHER**

<u>ITEM</u>	<u>PART NO.</u>	<u>QTY.</u>	<u>DESCRIPTION</u>	<u>ITEM</u>	<u>PART NO.</u>	<u>QTY.</u>	<u>DESCRIPTION</u>
1	BB2789	1	BASE, HSPW	27	A1408	1	CAP, Garden Hose Inlet
2	B2537	1	ENGINE, Honda 4HP	28	21217	4	MOUNT, Vibration
3	B1262B	1	PUMP, GPW - EG	29	45771	8	NUT, Hex M8 - 1.25
			Horizontal	30	21424	1	CONNECTOR, Garden
4	BB2534	1	HANDLE				Hose
5	22129	8	LOCKWASHER, M8	31	B1880	3	NUT, M8 with Washer
6	52858	2	NUT, M8 Locking Flange	32	50190	2	WASHER, M8 Flat
7	39287	2	HHCS, M8 x 45	33	48031G	2	CLAMP, Hose 13/32"
8	27007	2	MOUNT, Rubber Foot	34	B2218	2	O-RING, 1.625" I.D. x
9	B2142	2	WHEEL, 2" x 9" Black				.103"
			Mag	35	B2486	1	ADAPTER, Engine
10	75402	2	PUSHNUT, 1/2"	36	97100	1	CAP, High Pressure
11	B2168	1	HANGER, Hose	37	B1969	1	HOSE, 1/4" x 25'
12	B1460	4	CAP, Vinyl	38	30209	4	HHCS, 5/16" - 24 x 1
13	B1779	2	COVER, Hinge				1/4"
14	B2347	2	CAP, End	39	B1861	1	GUN, High Pressure
15	46476	2	CAPLUG	40	42909	3	HHCS, M8 - 1.25 x 30
16	31669	1	BOLT, 1/4" - 20 x 1-3/4"	41	97739	1	PLATE, Pump Mounting
			Carriage	42	98300	1	SEAL, Engine Donut
17	B2071	2	NUT, 1/4" - 20 Locking	43	B2517	1	DECAL, Recoil
			Flange	44	97566	1	TAG, Nozzle
18	B2759	1	HOOK, Square Neck	45	B3094	1	DECAL 4 HP
			1/4" - 20	46	B1867E	1	WAND, Adjustable
19	B1631A	1	BILLBOARD				Nozzle
20	B2812	1	DECAL, 1800 PSI	47	B2163	1	KIT, Nozzle Cleaning
21	B2796	1	DECAL, Instructions	48	B2808	1	MANUAL, Owners
22	88056	1	DECAL, Data	49	87815	1	GOGGLES, Saftey
23	nsp	1	OVERLAMINATE	50	30809	1	GROMMET, Drain Hose
24	20566	1	DECAL, 1-800 #	51	B3107	1	HOSE, Thermal Relief
25	A1040A	1	HOSE, Chemical	52	B3057	1	KIT, Maintenance
26	A1041	1	FILTER, Chemical Hose	53	48031B	1	CLAMP, Hose 3/8"

EXPLODED VIEW — PUMP



**REPAIR PARTS — PUMP**

ITEM	PART NO.	DESCRIPTION	QTY
1	96795	SLEEVE, RUBBER GROMMET SPACER	3
2	21640	ASSY., CAGE NEEDLE BEARING 45 X 65	1
3	21641	WASHER, BRG. DIA. 45 x 65 x 1T (	1
4	21642	WASHER, BRG. DIA. 36 x 65 x 6T [SPECIAL]	1
5	93680	SEAL, OIL PISTON DIA. 15	3
6	97828	SPRING, PISTON RETURN – EG	3
7	93667	SEAL, U-CLIP	3
8	B2557	CAM, AXIAL 5.6mm w/INSERT	1
9	98227	ADAPTER, ENGINE	1
10	20110	HOUSING, PISTON AND UNLOADER	1
11	97830	RETAINER, PISTON SPRING	3
12	97831	SPACER, PILOT	3
13	97832	PISTON, DIA. 15-65 LONG	3
14	A1111B	HEAD, PUMP	1
15	57018	BEARING, BALL RADIAL	1
16	21429	BUSHING, RUBBER	6
17	97835	“O” RING, HOUSING SEAL	1
18	97837	“O” RING, HI-PRESSURE TRANSFER	1
19	97838	ASS'Y, CHECK VALVE – INLET	3
20	97839	ASS'Y, CHECK VALVE – OUTLET	3
21	97840	“O” RING, INLET PORT CAP	3
23	97841	CAP, INLET PORT	3
24	97842	SEAT, UNLOADER	1
25	97843	“O” RING, UNLOADER VENTURI	1
26	B1253	PISTON, UNLOADER	1
27	97845	SEAL, UNLOADER “PARBACK”	2
28	A2731	SPRING, UNLOADER	1
29	97847	“O” RING, UNLOADER CAP	1
30	A2730	CAP, UNLOADER	1
31	21424	GARDEN HOSE CONNECTOR	1
32	A1575	BARB, HOSE WITH NYLON INSERT	1
33	96137	PLUG, 1/8” NPT [WITH SEALANT]	1
34	95379	BALL, DIA. 5.5 CHEMICAL INJECTOR	1
35	95380	SPRING, CHEMICAL INJECTOR	1
36	20631	VENTURI, CHEMICAL INJECTOR	1
37	97934	“O” RING, CHECK VALVE – INLET	3
39	93873	LOCK WASHER, M6 RIBBED	7
40	40946	SOCKET HEAD CAPSCREW M6-1.0 x 35mm	4
41	97851	“O” RING PISTON HOUSING	3
42	97962	SOCKET HEAD CAPSCREW, M6-1.0 x 25mm	3
43	B3090	THERMAL RELIEF	1
44	20876	.5 OZ. SEALANT, THREAD LOCKTITE 545	O
45	B1077	“O” RING VENTURI	1



LIMITED PRESSURE WASHER WARRANTIES (includes "Master Contractor")

GENERAC, LLC warrants to the original retail purchaser, the pressure washer manufactured by GENERAC, LLC to be free from defects in material and workmanship for the period(s) set forth below from the date of original purchase. This warranty is not transferable. The term "original purchaser" means the person for whom the pressure washer is originally purchased.

Warranty Schedules

Electric Power Washer 1 year (does not apply to commercial or rental operations)

	CONSUMER*	COMMERCIAL*
Generac, llc GN-Series Engine-driven Power Washer	Engine: Warranted solely by Engine Manufacturer Pump: 1 year	Warranted solely by Engine Manufacturer 90 days
All Other Engine-driven Power Washers	Engine: Warranted solely by Engine Manufacturer Pump: 1 year	Warranted solely by Engine Manufacturer 90 days

*** NOTE: For the purpose of this warranty "consumer use" means personal residential household use by original purchaser. "Commercial Use" means all other uses, including rental, construction, commercial and income producing purposes. Once a pressure washer has experienced commercial use, it shall thereafter be considered a commercial use pressure washer for the purposes of this warranty.**

During said warranty period, GENERAC, LLC will, at its option, repair or replace any part which, upon examination by GENERAC, LLC or GENERAC, LLC Authorized Dealers, is found to be defective under normal use and service**. All transportation costs under warranty, including return to the factory if necessary, are to be borne by the purchaser and prepaid by the purchaser.

**** NORMAL WEAR: As with all mechanical devices, the GN-Series engines need periodic parts service and replacement to perform well. This warranty will not cover repair when normal use has exhausted the life of a part or a pressure washer.**

THIS WARRANTY DOES NOT INCLUDE: Used products and demonstration equipment. Parts such as GUNS, HOSES, WANDS, NOZZLES or other wear items such as quick couplers, oil, gauges, belts, O-rings, filters, pump packing, etc. Pumps which have been run without water supplied. Damage or malfunctions resulting from: accidents, abuse, modifications, alterations, or improper servicing. Freezing or chemical deterioration. Normal maintenance such as adjustments, fuel system cleaning and obstruction (due to chemical, dirt, carbon or lime, etc.).

THIS WARRANTY IS IN PLACE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, SPECIFICALLY, GENERAC, LLC MAKES NO OTHER WARRANTIES AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The duration of any implied warranties which cannot be disclaimed is limited to the time period as specified in the express warranty. LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, OR SPECIAL DAMAGES UNDER ANY AND ALL WARRANTIES IS EXCLUDED, EVEN IF SUCH DAMAGES ARE A DIRECT RESULT OF GENERAC, LLC's NEGLIGENCE. Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

For service, see your nearest GENERAC, LLC authorized warranty service facility or call 1-800-333-1322. Warranty service can be performed only by a GENERAC, LLC authorized service facility. This warranty will not apply to service at any other facility. At the time of requesting warranty service, evidence of original purchase date must be presented.