

Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.



Electric Pressure Washer

Specifications

Model	Cleaning Power	Max. Pressure	Max. Capacity	Max. Inlet Water Temp.	Voltage	Amp	Unit Weight
PW1350	1755	1350 psi	1.3 GPM	100°F	120V	11 Amps	15 lbs



Figure 1

Safety Guidelines

This manual contains information that is very important to know and understand. This information is provided for SAFETY and to PREVENT EQUIPMENT PROBLEMS. To help recognize this information, observe the following symbols.

⚠ DANGER *Danger indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.*

⚠ WARNING *Warning indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.*

⚠ CAUTION *Caution indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury.*

NOTICE *Notice indicates important information, that if not followed, may cause damage to equipment.*

NOTE: Information that requires special attention.

! IMPORTANT !

This pressure washer is equipped with a microswitch sensitive to water flow. This Instant Start/Stop switch (ISS) senses water flow in the pump. When the trigger is released, water stops flowing through the pump. The ISS then automatically turns the motor off to protect pump from overheating.

OPERATION

1. Pull trigger on gun.
2. Turn the "ON/OFF" switch to "ON".
3. Release trigger. The pressure washer motor will stop running.
4. To spray again, pull trigger and motor and pump will restart.

Note: Occasionally the motor may run for a short time to bring fresh, cool water into the pump even if trigger is released. This is part of normal operation and will not damage the unit.

▲ CAUTION

Always turn the "ON/OFF" switch to "OFF" then trigger gun to release hose pressure before unplugging power cord.

▲ CAUTION

Risk of equipment damage. Always make sure the "ON/OFF" switch on the unit is "OFF" and unit is unplugged prior to storage.

▲ WARNING

Risk of Injection. Unit will start spraying when trigger is squeezed if ON/OFF switch is in "ON" position. Always point gun in safe direction.

**Call 1-800-330-0712
for Technical Service**

**Important Safety
Instructions****SAVE THESE INSTRUCTIONS****▲ WARNING**

When using this product, basic precautions should always be followed, including the following:

1. Read all instructions before using the product.
2. ALWAYS disconnect power before disassembling or repairing the unit.
3. Follow all safety codes as well as the Occupational Safety and Health Act (OSHA).
4. Ensure safety devices are operating properly before each use. DO NOT remove or modify any part of the gun or unit.
5. Know how to stop this product and bleed pressure quickly. Be thoroughly familiar with the controls.
6. Stay alert – watch what you are doing.
7. Do not operate the product when fatigued or under the influence of alcohol or drugs.
8. Keep operation area clear of all persons.
9. Do not overreach or stand on unstable support. Keep good footing and balance at all times.
10. Follow the maintenance instructions specified in the manual.
11. This product is provided with a ground fault circuit interrupter, GFCI, be sure to inspect cord and GFCI prior to use. Any repair or replacement of the power cord must be performed by a qualified (licensed or certified) electrical technician.
12. NEVER use an extension cord with this product.

- 13. The power cord on this product contains chemicals, including lead, known to the State of California to cause [cancer and] birth defects or other reproductive harm. Wash hands after handling.
- 14. To reduce the risk of injury, close supervision is necessary when a product is used near children.

⚠ WARNING

Risk of electrocution

- Inspect cord before using - Do not use if cord is damaged.
- Keep all electrical connections dry and off the ground.
- Do not touch plug with wet hands.
- This product is provided with a ground fault circuit interrupter built into the power cord plug. If replacement of the plug or cord is needed, use only identical replacement parts.
- Do not spray electrical apparatus and wiring.

⚠ WARNING

Risk of injection or sever injury

- High pressure. Keep clear of nozzle. Do not discharge streams at persons or animals.
- NEVER put hand or fingers over spray tip while operating the unit.
- NEVER try to stop or deflect leaks with any body part.
- Always engage the trigger safety latch in the safe position when spraying is stopped even if only for a few moments.
- Point gun in safe direction. Unit will start spraying when trigger is squeezed if "ON/OFF" switch is in "ON" position.

- Discharge pressure – When "ON/OFF" switch is in "OFF" position, pressure may still exist in unit. To discharge pressure, point gun in safe direction and squeeze trigger.

⚠ WARNING

Risk of explosion

- Do not spray flammable liquids.
- NEVER use in areas containing combustible dust, liquids, or vapors.

⚠ CAUTION

- High pressure - Gun kicks back – Hold gun with both hands.
- Keep hose away from sharp objects. Bursting hoses may cause injury. Examine hose regularly and replace if damaged. Do not attempt to mend a damaged hose.

NOTICE

- Use only detergents specifically formulated for pressure washers. Always follow detergent manufacturer's label recommendations for proper use of detergents. Always protect eyes, skin, and respiratory system from detergent.
- For either indoor or outdoor use. Store indoors and where temperature stays above freezing.
- Unplug unit when not in use.
- Pressure washer is not meant to pump hot water. Do not connect to hot water supply.
- NEVER leave the unit unattended while it is plugged in.
- ALWAYS turn water supply "ON" before turning pressure washer "ON." Running pump dry causes damage.

Servicing of a Double-Insulated Appliance

In a double-insulated product, two systems of insulation are provided instead of grounding. No grounding means are provided for a double-insulated product, nor should grounding means be added to the product. Servicing a double-insulated product requires extreme care and knowledge of the system, and should be done only by qualified service personnel. Replacement parts for a double-insulated product must be identical to the original parts. A double-insulated product is marked with the words "Double Insulation" or "Double Insulated." Product may also be marked with symbol shown below.



Double Insulated symbol

⚠ WARNING *Do not use pressure that exceeds the operating pressure of any of the parts (hoses, fittings, etc.) in the pressurized system. Ensure all equipment and accessories are rated to withstand the maximum working pressure of the unit.*

⚠ WARNING *Explosion hazard.*

- NEVER spray flammable liquids or use pressure washer in areas containing combustible dust, liquids or vapors.
- NEVER operate this machine in a closed building or in or near an explosive environment.

⚠ WARNING *Do not spray electrical apparatus and wiring.*

- NEVER disconnect the high pressure discharge hose from the machine while the system is pressurized. To depressurize machine, turn power and water supply off, then press gun trigger 2-3 times.
- NEVER permanently engage the trigger mechanism on the gun.
- NEVER operate the machine without all components properly connected to the machine (handle, gun/wand assembly, nozzle, etc.).

⚠ WARNING *Equipment damage.*

- ALWAYS turn water supply "ON" before turning pressure washer "ON." Running pump dry causes serious damage.
- Do not operate the pressure washer with the inlet water screen removed. Keep screen clear of debris and sediment.
- NEVER operate pressure washer with broken or missing parts. Check equipment regularly and repair or replace worn or damaged parts immediately.
- Use only the nozzle supplied with this machine.
- NEVER leave the wand unattended while the machine is running.
- NEVER attempt to alter factory settings. Altering factory settings could damage the unit and will void the warranty.
- ALWAYS hold gun and wand firmly when starting and operating the machine.
- NEVER allow the unit to run with the trigger released (off) for more than one (1) minute. Resulting heat buildup will damage pump.

- Pressure washer is not meant to pump hot water. NEVER connect it to a hot water supply as it will significantly reduce the life of the pump.
- NEVER store the pressure washer outdoors or where it could freeze. The pump will be seriously damaged.
- Release trigger when changing from high to low pressure modes. Failure to do so could result in damage

CAUTION

Keep hose away from sharp

objects. Bursting hoses may cause injury. Examine hoses regularly and replace if damaged. Do not attempt to mend a damaged hose.

lock should be locked at all times when pressure washer is not in use.

The swivel adapter comes from the factory with 1 gasket installed on each side. Certain garden hoses require the use of this extra gasket to prevent water leakage.

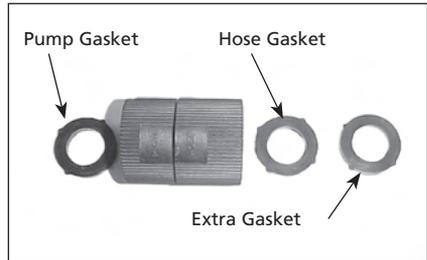


Figure 3 - Garden hose gasket instructions

Garden Hose Connection Instructions

1. Attach swivel adapter to pump water inlet, if not already attached. Notice the swivel adapter is marked with the words pump and hose. Make sure to connect pump side of adapter to pump water inlet to prevent damage to the threads.
2. Attach garden hose to swivel adapter side marked hose.

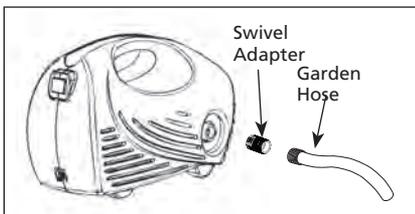


Figure 2 - Garden Hose Connection

Power Cord

1. Plug the power cord into a grounded 120V outlet and press the reset button as shown in Figure 4.
2. THIS MUST BE DONE EACH TIME THE UNIT IS PLUGGED IN AN OUTLET.

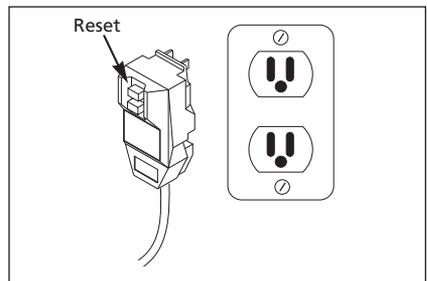


Figure 4 - Grounded plug/reset button

3. The spray gun should be locked into the "OFF" position by locating the safety trigger lock just above the trigger of the gun. Activate the lock by holding the gun and push the lock from left to right. Squeeze trigger to make sure the trigger does not move. The safety trigger

System Connection

1. Insert lance into the gun and turn clockwise to positive stop as shown in Figure 5.

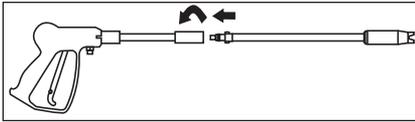


Figure 5 - Gun/Lance Connection

2. Be sure that the power switch is in the "OFF" position.
3. Attach the high pressure hose onto the pump water outlet by turning clockwise and hand tightening. Be certain to push hose onto pump while tightening. Be careful to not cross thread the hose.
4. Connect garden hose as explained under **Garden Hose Connection Instructions**.
5. Plug the power cord into a grounded 120V outlet.
6. Turn water on.
7. Unlock trigger lock by moving lock right to left.
8. Depress and hold the trigger on the gun for one minute to release pressure and remove any air trapped in the system.
9. Turn the "ON/OFF" switch to the "ON" position, while pulling the trigger.

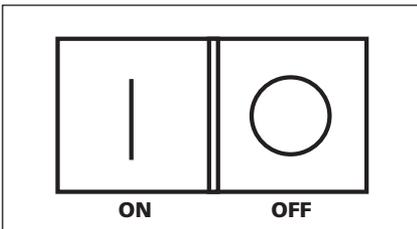


Figure 6 - ON/OFF Switch

How to Avoid Damaging Surfaces

Directions for Use

Damage to cleaning surfaces occurs because the impact force of the water exceeds the durability of the surface. You can vary the impact force by controlling the nozzle's fan pattern, the nozzle's angle to the cleaning surface, and the nozzle's distance from the cleaning surface. Never use a narrow high impact stream or a turbo nozzle on a surface that is susceptible to damage. Avoid spraying windows with a narrow high impact stream or turbo nozzle. Doing so may break the window. The surest way to avoid damaging surfaces is to follow these steps:

1. Before triggering the gun, adjust the nozzle to a wide fan pattern.
2. Place the nozzle approximately 4-5 feet away from the cleaning surface. Then hold the nozzle at a 45° angle to the cleaning surface. Trigger the gun.
3. Vary the fan pattern spray angle and the distance to the cleaning surface until optimum cleaning efficiency is achieved without damaging the surface.

Nozzle Cleaning Instruction

A clogged or partially clogged nozzle can cause a significant reduction of water coming out of the nozzle and cause the unit to pulsate while spraying.

To clean out the nozzle:

- Turn off unit.
- Turn off water supply. Relieve any pressure trapped in the hose by squeezing trigger 2-3 times.

Nozzle Cleaning Instructions (Continued)

- Separate lance from gun.
- Rotate nozzle to the narrow stream setting. This opens up the fan blades.
- Using the included tip cleaner, or an un-folded paper clip, insert wire into the nozzle hole and move back and forth until debris is dislodged (refer to Figure 7).

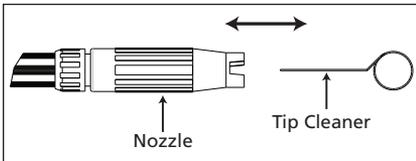


Figure 7

- Remove additional debris by back-flushing water through the nozzle. To do this, remove the lance from the gun, place end of a garden hose (with water running) to tip of nozzle pushing water and debris out the back opening of the lance.

Detergents

The use of detergents can dramatically reduce cleaning time and assist in the removal of difficult stains. Some detergents have been customized for pressure washer use on specific cleaning tasks. These detergents are approximately as thick as water. The use of thicker detergents, such as dish soap, will clog the chemical injection system and prevent the application of the detergent.

The cleaning power of detergents comes from applying them to a surface and giving the chemicals time to break down the dirt and grime. Detergents work best when applied at low pressure.

The combination of chemical action and high pressure rinsing is very effective. On vertical surfaces, apply the detergent starting at the bottom and work your way upward. This will prevent the detergent from sliding down and causing streaks. High pressure rinsing should also progress from the bottom to top. On particularly tough stains, it may be necessary to use a brush in combination with detergents and high pressure rinsing.

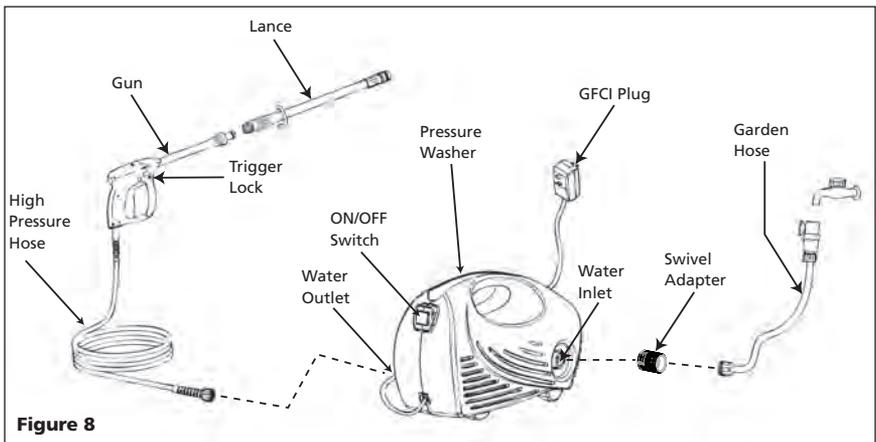


Figure 8

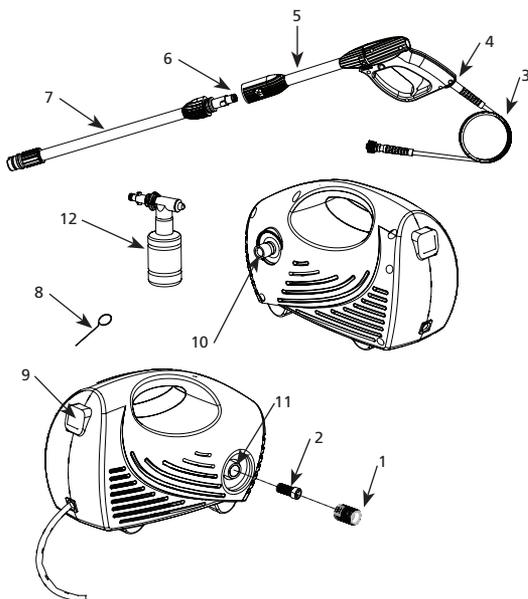
**For Replacement Parts or Technical Assistance,
Call 1-800-330-0712**

Please provide following information:

- Model number
- Serial number (if any)
- Part description and number as shown in parts list

Address parts correspondence to:

Campbell Hausfeld
Attn: Customer Service
100 Production Drive
Harrison, OH 45030 U.S.A.



Ref. No.	Description	Part Number	Qty.
1	Swivel Adapter	PM350100SV	1
2	Filter	PM350101SV	1
3	Hose	PM350102SV	1
4	U-Pin	PM350107SV	1
5	Gun	PM350103SV	1
6	O-ring	PM232200SV	1
7	Adjustable Fan Lance	PM350104SV	1
8	Tip Cleaner	PM008500AV	
9	Switch	N/A	1
10	Pump Outlet	N/A	1
11	Pump Inlet	N/A	1
12	Detergent Bottle (optional)	PM350105SV	1

Limited Warranty

1. **DURATION:** From the date of purchase by the original purchaser as follows: One Year.
2. **WHO GIVES THIS WARRANTY (WARRANTOR):** Campbell Hausfeld / Scott Fetzer Company, 100 Production Drive, Harrison, OH 45030, Telephone: (800) 330-0712
3. **WHO RECEIVES THIS WARRANTY (PURCHASER):** The original purchaser (other than for purposes of resale) of the Campbell Hausfeld pressure washer.
4. **WHAT PRODUCTS ARE COVERED UNDER THIS WARRANTY:** Any Campbell Hausfeld Pressure Washer supplied or manufactured by the Warrantor.
5. **WHAT IS COVERED UNDER THIS WARRANTY:** Substantial defects on material and workmanship which occur within the duration of the warranty period with the exceptions noted below. Warrantor will also cover normal wear items for a period of 90 days from the date of original purchase against defects in material and workmanship. These wear items include high pressure hoses, water and oil seals, o-rings, valves, lances, and spray tips.
6. **WHAT IS NOT COVERED UNDER THIS WARRANTY:**
 - A. Implied warranties, including those of merchantability and FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED FROM THE DATE OF ORIGINAL PURCHASE AS STATED IN THE DURATION. If this pressure washer is used for commercial, industrial or rental purposes, the warranty will apply for ninety (90) days from the date of purchase. Some States do not allow limitation on how long an implied warranty lasts, so the above limitations may not apply to you.
 - B. ANY INCIDENTAL, INDIRECT, OR CONSEQUENTIAL LOSS, DAMAGE, OR EXPENSE THAT MAY RESULT FROM ANY DEFECT, FAILURE, OR MALFUNCTION OF THE CAMPBELL HAUSFELD pressure washer. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
 - C. Any failure that results from shipping damage, accident, purchaser's abuse, neglect or failure to install and operate pressure washer in accordance with instructions provided in the owner's manual(s) supplied with product.
 - D. Pre-delivery service, i.e. assembly, oil or lubricants and adjustment.
 - E. Items or service normally required to maintain the pressure washer.
 - F. Gasoline engine and components are expressly excluded from coverage under this limited warranty. Such components should be returned by the purchaser to the original manufacturer or to its authorized repair stations for service.
 - G. Additional items not covered under the warranty:
 1. Motor brushes (Electric models only).
 2. Cosmetic defects that do not interfere with functionality.
 3. Rusted components.
 4. Pump wear or valve damage caused by using improper oil, oil contamination or by failure to follow proper oil maintenance guidelines.
7. **RESPONSIBILITIES OF WARRANTOR UNDER THIS WARRANTY:** Repair or replace, at Warrantor's option, pressure washer or component which is defective, has malfunctioned and/or failed to conform within duration of the warranty period.
8. **RESPONSIBILITIES OF PURCHASER UNDER THIS WARRANTY:**
 - A. Provide dated proof of purchase and maintenance records.
 - B. Call Campbell Hausfeld (800-330-0712) to obtain your warranty service options. Freight costs must be borne by the purchaser.
 - C. Use reasonable care in the operation and maintenance of the pressure washer as described in the owner's manual(s).
9. **WHEN WARRANTOR WILL PERFORM REPAIR OR REPLACEMENT UNDER THIS WARRANTY:** Repair or replacement will be scheduled and serviced according to the normal work flow at the servicing location, and depending on the availability of replacement parts.

This Limited Warranty applies in the U.S., Canada and Mexico only and gives you specific legal rights. You may also have other rights which vary from state to state or country to country.