

# Pressure Washer Operator's Manual



This pressure washer is rated in accordance to the Pressure Washer Manufacturers Association (PWMA) standard PW101-2010 (Testing and Rating Performance of Pressure Washers).

BRIGGS & STRATTON POWER PRODUCTS GROUP, LLC MILWAUKEE, WISCONSIN, U.S.A.



Manual No. 316226GS Revision A

**Thank you** for purchasing this quality-built Troy-Bilt pressure washer. We are pleased that you've placed your confidence in the Troy-Bilt brand. When operated and maintained according to the instructions in this manual, your Troy-Bilt pressure washer will provide many years of dependable service.

**This manual contains** safety information to make you aware of the hazards and risks associated with pressure washers and how to avoid them. Because Troy-Bilt does not necessarily know all the applications this pressure washer could be used for, it is important that you read and understand these instructions thoroughly before attempting to start or operate this equipment. **Save these original instructions for future reference.** 

**This pressure washer requires final assembly before use.** Refer to the *Assembly* section of this manual for instructions on final assembly procedures. Follow the instructions completely.

#### Where to Find Us

You never have to look far to find Briggs & Stratton support and service for your pressure washer. Consult your Yellow Pages. There are over 30,000 Briggs & Stratton authorized service dealers worldwide who provide quality service. You can also contact Troy-Bilt Customer Service by phone at **(888) 611-6708**, or on the Internet at **www.troybilt.com**. For engine related questions, call American Honda Motor Company, Inc. at **(800) 426-7701** or visit **www.honda-engines.com** for a dealer locator.

#### **Pressure Washer**

Date

Model Number				
Revision				
Serial Number				
Purchased				

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### **Table of Contents**

Operator Safety
Assembly7Unpack Pressure Washer.7Attach Handle and Accessory Tray7Add Engine Oil and Fuel.7Lubricate O-Rings8Connect Hose and Water Supply to Pump.9
Features and Controls
Operation11Pressure Washer Location11How to Start Your Pressure Washer11How to Stop Your Pressure Washer12How to Use Accessory Tray13How to Use Spray Tips13Applying Detergent14Pressure Washer Rinsing14Automatic Cool Down System (Thermal Relief)14
Maintenance15General Recommendations15Pressure Washer Maintenance15Engine Maintenance17After Each Use17Storage18
Troubleshooting
Warranties.   20     Pressure Washer Owner Warranty.   20
Specifications



### **Operator Safety**

#### Equipment Description



Read this manual carefully and become familiar with your pressure washer. Know its applications, its limitations, and any hazards involved.

This pressure washer operates at a maximum of 3,000 PSI (206.8 BARS) and a flow rate of up to 2.7 gallons per minute (10.2 liters per minute). This high quality residential system features 10" (25.4 cm) wheels, axial cam pump with stainless steel pistons, automatic cool down system, cleaning tank system, quick connect spray tips, heavy duty 30' (9.14 m) hose, and more.

Every effort has been made to ensure that information in this manual is accurate and current. However, we reserve the right to change, alter, or otherwise improve the product and this document at any time without prior notice.

The Emission Control System for this pressure washer is warranted for standards set by the Environmental Protection Agency and the California Air Resources Board.

#### Important Safety Information

#### Safety Symbols and Meanings



Moving Parts



Flying Objects

Chemical Burn



Hot Surface

A The safety alert symbol indicates a potential personal injury hazard. A signal word (DANGER, WARNING, or CAUTION) is used with the alert symbol to designate a degree or level of hazard seriousness. A safety symbol may be used to represent the type of hazard. The signal word *NOTICE* is used to address practices not related to personal injury.

A DANGER indicates a hazard which, if not avoided, will result in death or serious injury.

A WARNING indicates a hazard which, if not avoided, could result in death or serious injury.

A CAUTION indicates a hazard which, if not avoided, could result in minor or moderate injury.

**NOTICE** address practices not related to personal injury.

**A WARNING** POISONOUS GAS HAZARD. Engine



exhaust contains carbon monoxide, a poisonous gas that could kill you in minutes. You CANNOT smell it, see it, or taste it. Even if you do not

smell exhaust fumes, you could still be exposed to carbon monoxide gas.

Some chemicals or detergents could be harmful if inhaled or ingested, resulting in death, serious injury, nausea, fainting or poisoning.

- Operate this product ONLY outside far away from windows, doors and vents to reduce the risk of carbon monoxide gas from accumulating and potentially being drawn towards occupied spaces.
- Install battery-operated carbon monoxide alarms or plug-in carbon monoxide alarms with battery back-up according to the manufacturer's instructions. Smoke alarms cannot detect carbon monoxide gas.
- DO NOT run this product inside homes, garages, basements, crawlspaces, sheds, or other partially-enclosed spaces even if using fans or opening doors and windows for ventilation. Carbon monoxide can quickly build up in these spaces and can linger for hours, even after this product has shut off.
- ALWAYS place this product downwind and point the engine exhaust away from occupied spaces.

If you start to feel sick, dizzy, or weak while using this product, shut it off and get to fresh air RIGHT AWAY. See a doctor. You may have carbon monoxide poisoning.

- Use a respirator or mask whenever there is a chance that vapors may be inhaled when using chemicals.
- Read all instructions with mask so you are certain the mask will provide the necessary protection against inhaling harmful vapors when using chemicals.

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

▲ WARNING This product contains lead and lead compounds, known to the State of California to cause birth defects or other reproductive harm. Wash your hands after handling this product.

A WARNING Exhaust heat/gases could ignite

combustibles, structures or damage fuel tank causing a fire, resulting in death or serious injury.

Contact with muffler area could cause burns resulting in serious injury.

- DO NOT touch hot parts and AVOID hot exhaust gases.
- · Allow equipment to cool before touching.
- Keep at least 5 feet (1.5 m) of clearance on all sides of pressure washer including overhead.
- It is a violation of California Public Resource Code, Section 4442, to use or operate the engine on any forest-covered, brush-covered, or grass-covered land unless the exhaust system is equipped with a spark arrester, as defined in Section 4442, maintained in effective working order. Other states or federal jurisdictions may have similar laws.

Contact the original equipment manufacturer, retailer, or dealer to obtain a spark arrester designed for the exhaust system installed on this engine.

 Replacement parts must be the same and installed in the same position as the original parts.

A WARNING Risk of electrocution.

Contact with power source could cause electric shock or burn resulting in death or serious injury.

NEVER spray near power source.

**A WARNING** Use of pressure washer could create

puddles and slippery surfaces causing you to fall resulting in death or serious injury.

Kickback from spray gun could cause you to fall resulting in death or serious injury.

- Operate pressure washer from a stable surface.
- The cleaning area should have adequate slopes and drainage to reduce the possibility of a fall due to slippery surfaces.
- Be extremely careful if you must use the pressure washer from a ladder, scatfolding, or any other similar location.
- Firmly grasp spray gun with both hands when using high pressure spray to avoid injury when spray gun kicks back.

#### WARNING Fuel and its vapors are extremely flammable



and explosive which could cause burns, fire or explosion resulting in death or serious injury.

#### WHEN ADDING OR DRAINING FUEL

- Turn pressure washer engine OFF and let it cool at least 2 minutes before removing fuel cap. Loosen cap slowly to relieve pressure in tank.
- Fill or drain fuel tank outdoors.
- DO NOT overfill tank. Allow space for fuel expansion.
- If fuel spills, wait until it evaporates before starting engine.
- Keep fuel away from sparks, open flames, pilot lights, heat, and other ignition sources.
- Check fuel lines, tank, cap and fittings frequently for cracks or leaks. Replace if necessary.
- DO NOT light a cigarette or smoke.

#### WHEN STARTING EQUIPMENT

- Ensure spark plug, muffler, fuel cap, and air cleaner are in place.
- DO NOT crank engine with spark plug removed.
- WHEN OPERATING EQUIPMENT
- DO NOT operate this product inside any building, carport, porch, mobile equipment, marine applications, or enclosure.
- DO NOT tip engine or equipment at angle which causes fuel to spill.
- DO NOT spray flammable liquids.

#### WHEN TRANSPORTING, MOVING OR REPAIRING EQUIPMENT

- Transport/move/repair with fuel tank EMPTY or with fuel shutoff valve OFF.
- DO NOT tip engine or equipment at angle which causes fuel to spill.
- Disconnect spark plug wire.

#### WHEN STORING FUEL OR EQUIPMENT WITH FUEL IN TANK

 Store away from turnaces, stoves, water heaters, clothes dryers, or other appliances that have pilot light or other ignition source because they could ignite fuel vapors.

WARNING Starter cord kickback (rapid retraction) will

-

pull hand and arm toward engine faster than you can let go which could cause broken bones,

fractures, bruises, or sprains resulting in serious injury.

- NEVER pull starter cord without first relieving spray gun pressure.
- When starting engine, pull cord slowly until resistance is felt and then pull rapidly to avoid kickback.
- After each starting attempt, where engine fails to run, always point spray gun in safe direction, press red button and squeeze spray gun trigger to release high pressure.
- Firmly grasp spray gun with both hands when using high pressure spray to avoid injury when spray gun kicks back.

#### A WARNING Chemical Burn Hazard.



 Chemicals could cause burns resulting in death or serious injury.

- DO NOT use caustic liquid with pressure washer.
- Use ONLY pressure washer safe detergents/soaps. Follow all manufacturers instructions.

#### **A WARNING** The high pressure stream of water that



this equipment produces could cut through skin and its underlying tissues, resulting in serious injury and possible amputation.

Spray gun traps high water pressure, even when engine is stopped and water is disconnected, which could result in serious injury.

- If cut by fluid, call physician immediately. DO NOT treat as a simple cut.
- DO NOT allow CHILDREN to operate pressure washer.
- · NEVER repair high pressure hose. Replace it.
- NEVER repair leaking connections with sealant of any kind. Replace o-ring or seal.
- · NEVER connect high pressure hose to nozzle extension.
- Keep high pressure hose connected to pump and spray gun while system is pressurized.
- ALWAYS point spray gun in safe direction, press red button and squeeze spray gun trigger to release high pressure, every time you stop engine.
- · NEVER aim spray gun at people, animals, or plants.
- · DO NOT secure spray gun in open position.
- DO NOT leave spray gun unattended while machine is running.
- NEVER use a spray gun which does not have a trigger lock or trigger guard in place and in working order.
- Always be certain spray gun, nozzles and accessories are correctly attached.

## WARNING Unintentional sparking could cause fire or electric shock resulting in death or serious injury.

### WHEN ADJUSTING OR MAKING REPAIRS TO YOUR PRESSURE WASHER

• Disconnect the spark plug wire from the spark plug and place the wire where it cannot contact spark plug.

#### WHEN TESTING FOR ENGINE SPARK

- Use approved spark plug tester.
- DO NOT check for spark with spark plug removed.

#### A WARNING Starter and other rotating parts could entangle hands, hair, clothing, or accessories resulting in serious injury.

- NEVER operate pressure washer without protective housing or covers.
- DO NOT wear loose clothing, jewelry or anything that could be caught in the starter or other rotating parts.
- · Tie up long hair and remove jewelry.

#### A WARNING Risk of eye or bodily injury.



Spray could splash back or propel objects resulting in serious injury.

- Always wear indirect vented (chemical splash) safety goggles marked to comply with ANSI Z87.1 when using or in vicinity of this equipment.
- NEVER substitute safety glasses or dry-condition goggles for indirect vented safety goggles.
- Always wear protective clothing such as a long-sleeved shirt, long pants and close-toed shoes.
- NEVER operate pressure washer when barefoot or wearing sandals or shorts.

### **A CAUTION** Excessively high operating speeds could result in minor injury.

Excessively low speeds impose a heavy load.

- DO NOT tamper with governor spring, links or other parts to increase engine speed. Pressure washer supplies correct rated pressure and flow when running at governed speed.
- · DO NOT modify pressure washer in any way.

**NOTICE** High pressure spray could damage fragile items including glass.

- DO NOT point spray gun at glass when using red (0°) spray tip.
- NEVER aim spray gun at plants.

**NOTICE** Improper treatment of pressure washer could damage it and shorten its life.

- If you have questions about intended use, ask dealer or contact qualified service center.
- NEVER operate units with broken or missing parts, or without protective housing or covers.
- · DO NOT by-pass any safety device on this machine.
- · DO NOT tamper with governed speed.
- · DO NOT operate pressure washer above rated pressure.
- DO NOT modify pressure washer in any way.
- Before starting pressure washer in cold weather, check all parts of the equipment to be sure ice has not formed there.
- NEVER move machine by pulling on hoses. Use handle provided on unit.
- This equipment is designed to be used with Briggs & Stratton Power Products authorized parts ONLY. If equipment is used with parts that DO NOT comply with minimum specifications, user assumes all risks and liabilities.

### Assembly

Read entire operator's manual before you attempt to assemble or operate your new pressure washer.

Your pressure washer requires some assembly and is ready for use after it has been properly serviced with the recommended oil and fuel.

If you have any problems with the assembly of your pressure washer, please call the pressure washer helpline at **(888) 611-6708**. If calling for assistance, please have the model, revision, and serial number from the identification label available.

#### **Unpack Pressure Washer**

- 1. Remove parts bag, accessories, and inserts included with pressure washer.
- 2. Open carton completely by cutting each corner from top to bottom.
- 3. Ensure you have all included items prior to assembly.

#### Items in the carton include:

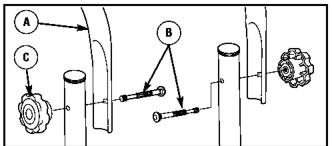
- Main Unit with Cleaning Tank
- Handle
- High Pressure Hose
- Spray Gun
- · Nozzle Extension with Quick Connect Fitting
- · Plastic Accessory Tray
- Oil Pouch
- Engine Operator's Manual
- · Parts Bag (which includes the following):
  - · Operator's Manual
  - Owner's Registration Card
  - Bag containing 5 Multi-Colored Spray Tips
  - · Handle Fastening Hardware Kit (which includes):
    - Carriage Bolts (2)
    - Plastic Knobs (2)
    - Tree Clips (4)

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

- 1. Fill out and send in registration card.
- 2. Attach handle and accessory tray to main unit.
- 3. Add oil to engine crankcase.
- 4. Add fuel to fuel tank.
- 5. Connect high pressure hose to spray gun and pump.
- 6. Connect water supply to pump.
- 7. Attach nozzle extension to spray gun.
- 8. Select/attach quick connect spray tip to nozzle extension.

#### Attach Handle and Accessory Tray

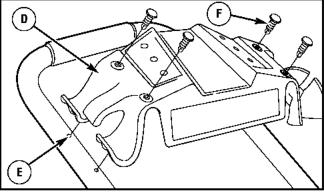
1. Place handle (A) onto handle supports connected to main unit. Make sure holes in handle align with holes on handle supports.



 Insert handle carriage bolts (B) through holes from inside of unit and attach a plastic knob (C) from outside of unit. Tighten by hand.

**NOTICE** By loosening both knobs to the middle section of the attachment bolt, the upper handle can fold forward to store flat atop the cold engine. DO NOT fold the handle down while the engine is hot.

 Place accessory tray (D) over holes (E) on handle (viewing from front of unit). Push the tree clips (F) into the holes until they sit flat against the accessory tray.



4. Insert multi-colored spray tips and other supplied accessories in spaces provided in accessory tray. See *How to Use Accessory Tray.* 

#### Add Engine Oil and Fuel

- · Place pressure washer on a level surface.
- Refer to engine operator's manual and follow oil and fuel recommendations and instructions.

**NOTICE** Any attempt to crank or start the engine before it has been properly filled with the recommended oil will result in equipment failure.

- Refer to engine manual for oil and fuel fill information.
- Damage to equipment resulting from failure to follow this instruction will void warranty.

**NOTICE** Check oil often during engine break-in. Refer to engine operator's manual for recommendations.

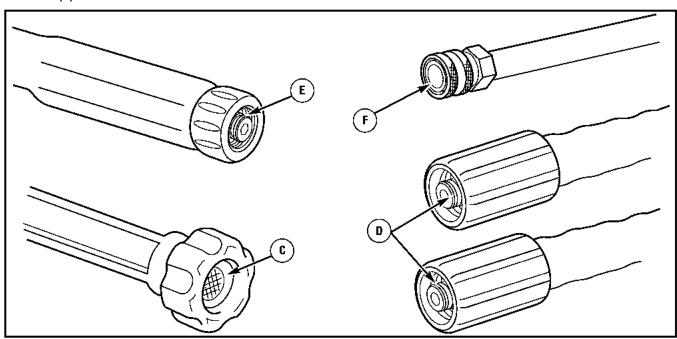
#### Lubricate O-Rings

Lubrication of o-rings is extremely important for installation and operation. The use of a lubricant (petroleum or synthetic grease) during assembly helps seat o-rings properly and provides an improved seal. It also helps protect the o-ring from damage by abrasion, pinching or cutting and extends the life of the o-ring.

**NOTICE** ALWAYS apply a small amount of lubricant on o-rings prior to assembling the garden hose to the pump (C), high pressure hose (D), spray gun (E), and nozzle extension (F).

### Lubricate all connections shown below, following these instructions:

- 1. Inspect and clean connecting surfaces prior to lubrication and assembly.
- 2. Use lubricants sparingly during assembly; a light film is all that is required.
- Use a small brush or cotton swab to apply grease directly to o-rings where they are not accessible (QC fitting, M22 fitting).



#### **Connect Hose and Water Supply to Pump**

**NOTICE** DO NOT run the pump without the water supply connected and turned on.

Damage to equipment resulting from failure to follow this instruction will void warranty.

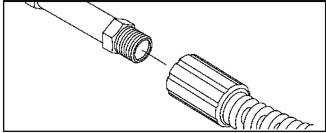
**NOTICE** Remove and discard the shipping caps from the pump's high pressure outlet and water inlet before attaching hoses.

1. Uncoil high pressure hose and attach one end of hose to base of spray gun. Tighten by hand.

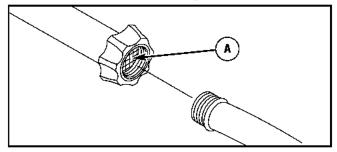


▲ WARNING The high pressure stream of water that this equipment produces could cut through skin and its underlying tissues, resulting in serious injury and possible amputation.

- NEVER connect high pressure hose to nozzle extension.
- Keep high pressure hose connected to pump and spray gun while system is pressurized.
- Always be certain spray gun, nozzles and accessories are correctly attached.
- 2. Attach other end of high pressure hose to high pressure outlet on pump. Tighten by hand.



 Before connecting garden hose to water inlet, inspect inlet screen (A). Clean screen if it contains debris or have it replaced if damaged. DO NOT run pressure washer if inlet screen is damaged.



4. Run water through your garden hose for 30 seconds to clean out any debris.

**NOTICE** DO NOT siphon standing water for the water supply. Use ONLY cold water (less than 100°F (38°C)).

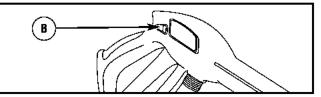
**NOTICE** Using a One Way Valve (vacuum breaker or check valve) at pump inlet could cause pump or inlet connector damage.

- There MUST be at least ten feet of unrestricted garden hose between the pressure washer inlet and any device, such as a vacuum breaker or check valve.
- Damage to equipment resulting from failure to follow this instruction will void warranty.
  - Connect the garden hose (not to exceed 50 feet (15 m) in length) to the water inlet. Tighten by hand.

WARNING Risk of eye injury.



- Spray could splash back or propel objects resulting in serious injury.
- Always wear indirect vented (chemical splash) safety goggles marked to comply with ANSI Z87.1 when using or in vicinity of this equipment.
- NEVER substitute safety glasses or dry-condition goggles for indirect vented safety goggles.
- Turn ON the water, press red button (B) on the gun and squeeze the trigger to purge the pump system of air and impurities.



#### **Checklist Before Starting Engine**

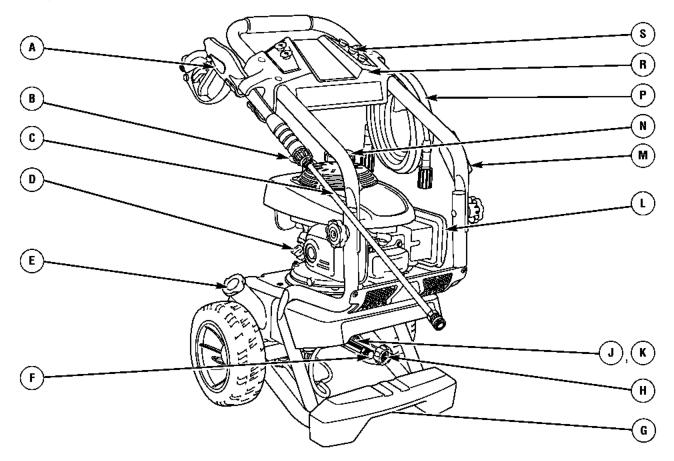
Review the unit's assembly to ensure you have performed all of the following.

- 1. Be sure to read *Operator Safety* and *Operation* sections before using pressure washer.
- 2. Make sure handle is in place and secure.
- 3. Check that oil has been added to proper level in the engine crankcase.
- 4. Add proper fuel to fuel tank.
- 5. Check for properly tightened hose connections.
- Check to make sure there are no kinks, cuts, or damage to high pressure hose.
- 7. Provide a proper water supply at an adequate flow.

### **Features and Controls**

, Read this Operator's Manual and safety rules before operating your pressure washer.

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



- A Spray Gun Controls the application of water onto cleaning surface with trigger device. Includes trigger lock.
- B Recoil Starter Used for starting the engine manually.
- C Nozzle Extension with Quick Connect Allows you to switch between five different spray tips.
- D Oil Fill/Dipstick Check and fill with oil here.
- E Cleaning Tanks Use to hold up to one gallon (3.8 I) of pressure washer safe detergent.
- F High Pressure Outlet Connection for high pressure hose.
- G Identification Label (under foot) Provides model and serial number of pressure washer. Please have these readily available if calling for assistance.
- H Water Inlet Connection for garden hose.
- J Pump Develops high pressure.
- K Automatic Cool Down System Cycles water through pump when water reaches 125°-155°F. Warm water will discharge from pump onto ground. This system prevents internal pump damage.

- L Air Filter Protects engine by filtering dust and debris out of intake air.
- M Warning/Operating Instructions Tag Identifies hazards and proper procedure to start/stop pressure washer.
- N Fuel Tank Fill tank with regular unleaded fuel. Always leave room for fuel expansion.
- P High Pressure Hose Connect one end to water pump and the other end to spray gun.
- R Accessory Tray Provides convenient storage for standard accessories.
- S Spray Tips Jet soap, jet flush, 0°, 25° and 40°: for various high pressure cleaning applications.

#### Items Not Shown:

Engine Controls — See engine manual for details on engine controls.

### Operation

If you have any problems operating your pressure washer, please call the pressure washer helpline at (888) 611-6708.

#### Pressure Washer Location

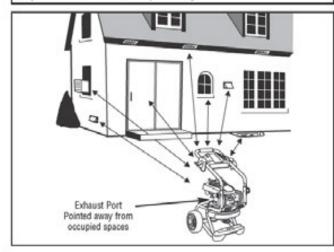
#### Carbon Monoxide Poisoning

 WARNING POISONOUS GAS HAZARD. Engine exhaust contains carbon monoxide, a poisonous gas that could kill you in minutes. You CANNOT smell it, see it, or taste it. Even if you do not

smell exhaust fumes, you could still be exposed to carbon monoxide gas.

- Operate this product ONLY outside far away from windows, doors and vents to reduce the risk of carbon monoxide gas from accumulating and potentially being drawn towards occupied spaces.
- Install battery-operated carbon monoxide alarms or plug-in carbon monoxide alarms with battery back-up according to the manufacturer's instructions. Smoke alarms cannot detect carbon monoxide gas.
- DO NOT run this product inside homes, garages, basements, crawlspaces, sheds, or other partially-enclosed spaces even if using fans or opening doors and windows for ventilation.
   Carbon monoxide can quickly build up in these spaces and can linger for hours, even after this product has shut off.
- ALWAYS place this product downwind and point the engine exhaust away from occupied spaces.

If you start to feel sick, dizzy, or weak while using this product, shut it off and get to fresh air RIGHT AWAY. See a doctor. You may have carbon monoxide poisoning.



#### **Risk of Fire Clearances**

WARNING Exhaust heat/gases could ignite combustibles, structures or damage fuel tank causing a fire, resulting in death or serious injury.

 Keep at least 5 ft. (1.5 m) clearance on all sides of pressure washer including overhead.

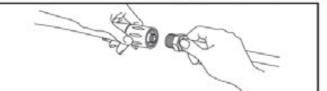
#### How to Start Your Pressure Washer

To start your pressure washer for the first time, follow these instructions step-by-step. This starting information also applies if you have let the pressure washer sit idle for at least a day.

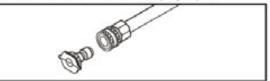
- Place pressure washer near an outside water source capable of supplying water at a flow rate greater than 3.7 gallons per minute (14.0 liters per minute) and no less than 20 PSI (1.38 BARS) at pressure washer end of garden hose. DO NOT siphon supply water.
- Check that high pressure hose is tightly connected to spray gun and pump. See Assembly section.
- 3. Make sure unit is in a level position.
- Connect garden hose to water inlet on pressure washer pump.

**NOTICE** DO NOT run the pump without the water supply connected and turned on.

- Damage to equipment resulting from failure to follow this instruction will void warranty.
  - Turn ON water, point spray gun in a safe direction, press red button and squeeze trigger to purge pump system of air and impurities.
  - 6. Attach nozzle extension to spray gun. Tighten by hand.



Choose spray tip you want to use and insert it into nozzle extension. See How to Use Spray Tips.



**NOTICE** Before starting the pressure washer, be sure you are wearing safety goggles as described below.

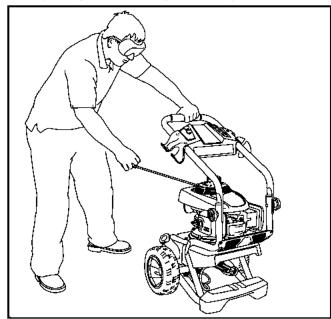
A WARNING Risk of eye injury.



Spray could splash back or propel objects resulting in serious injury.

- Always wear indirect vented (chemical splash) safety goggles marked to comply with ANSI Z87.1 when using or in vicinity of this equipment.
- NEVER substitute safety glasses or dry-condition goggles for indirect vented safety goggles.

7. When starting engine, position yourself as recommended and start engine according to instructions given in engine operator's manual. Also see operating instructions tag located on pressure washer.



WARNING Starter cord kickback (rapid retraction) will pull hand and arm toward engine faster than you can let go which could cause broken bones, fractures, bruises, or sprains resulting in serious

injury.

- NEVER pull starter cord without first relieving spray gun pressure.
- When starting engine, pull cord slowly until resistance is felt and then pull rapidly to avoid kickback.
- After each starting attempt, where engine fails to run, always point spray gun in safe direction, press red button and squeeze spray gun trigger to release high pressure.
- Firmly grasp spray gun with both hands when using high pressure spray to avoid injury when spray gun kicks back.



**A WARNING** The high pressure stream of water that this equipment produces could cut through skin and its underlying tissues, resulting in serious injury and possible amputation.

Spray gun traps high water pressure, even when engine is stopped and water is disconnected, which could result in serious injury.

- DO NOT allow CHILDREN to operate pressure washer.
- Keep high pressure hose connected to pump and spray gun while system is pressurized.
- NEVER aim spray gun at people, animals, or plants.
- DO NOT secure spray gun in open position.
- DO NOT leave spray gun unattended while machine is running.
- NEVER use a spray gun which does not have a trigger lock or trigger guard in place and in working order.
- Always be certain spray gun, nozzles and accessories are correctly attached.

#### WARNING Exhaust heat/gases could ignite

combustibles, structures or damage fuel tank causing a fire, resulting in death or serious injury.

Contact with muffler area could cause burns resulting in serious iniury.

- DO NOT touch hot parts and AVOID hot exhaust gases.
- Allow equipment to cool before touching.
- Keep at least 5 feet (1.5 m) of clearance on all sides of pressure washer including overhead.
- It is a violation of California Public Resource Code, Section 4442, to use or operate the engine on any forest-covered, brush-covered, or grass-covered land unless the exhaust system is equipped with a spark arrester, as defined in Section 4442, maintained in effective working order. Other states or federal jurisdictions may have similar laws.

Contact the original equipment manufacturer, retailer, or dealer to obtain a spark arrester designed for the exhaust system installed on this engine.

Replacement parts must be the same and installed in the same position as the original parts.

#### **How to Stop Your Pressure Washer**

- 1. Release spray gun trigger and let engine idle for two minutes.
- 2. Turn engine off according to instructions given in engine operator's manual.
- 3. ALWAYS point gun in a safe direction and press red button and squeeze spray gun trigger to release retained high water pressure.

A WARNING The high pressure stream of water that this equipment produces could cut through skin and its underlying tissues, resulting in serious injury and possible amputation.

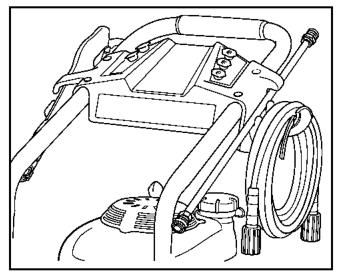
Spray gun traps high water pressure, even when engine is stopped and water is disconnected, which could result in serious iniury.

- Keep high pressure hose connected to pump and spray gun • while system is pressurized.
- ALWAYS point spray gun in safe direction, press red button and squeeze spray gun trigger to release high pressure, every time you stop engine.

#### How to Use Accessory Tray

The unit is equipped with an accessory tray with places to store your spray gun, nozzle extension, high pressure hose and quick connect spray tips.

1. Place spray gun through notches on left side of accessory tray as shown.



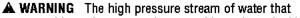
- Place nozzle extension in notches on right side of accessory tray as shown.
- 3. Insert multi-colored spray tips in spaces provided in accessory tray.
- 4. Hang high pressure hose on hook attached to the right side of the accessory tray as shown.

#### How to Use Spray Tips

The quick-connect on the nozzle extension allows you to switch between five different quick connect spray tips. Spray tips can be changed while pressure washer is running once spray gun trigger lock is engaged. The spray tips vary the spray pattern as shown.

#### Follow these instructions to change spray tips:

 Pull back collar on quick-connect and pull current spray tip off. Store spray tips in holder provided on the accessory tray.



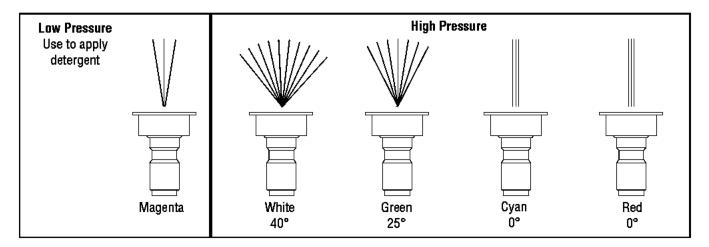


this equipment produces could cut through skin, and its underlying tissues, resulting in serious injury and possible amputation.

- NEVER exchange spray tips without the trigger lock being engaged on the spray gun.
- DO NOT twist spray tips while spraying.
- 2. Select desired spray tip:
- For delicate rinse, for gentle cleaning of cars/trucks, boats, RV's, patio furniture, lawn equipment, etc., select white 40° spray tip.
- For general rinsing, ideal for most all purpose cleaning such as home siding, brick patios, wood decks, driveways and sidewalks, garage floors, etc., select green 25° spray tip.
- For maximum rinsing, for stubborn or hard to reach surface such as second story surfaces, paint removal, oil stains, rust removal or other stubborn substances (tar, gum, grease, wax, etc.), select red 0° spray tip.
- Select cyan jet flush spray tip for quick high flow clean up and long reach cleaning of second story siding and windows.
- Select magenta jet soap spray tip for general soap applications or to launch soap to second story siding and windows.
- Pull back on collar, insert new spray tip and release collar. Tug on spray tip to make sure it is securely in place.

#### Usage Tips

- For most effective cleaning, keep spray tip from 8 to 24 inches (20 to 61 cm) away from cleaning surface.
- If you get spray tip too close, especially using a high pressure spray tip, you may damage surface being cleaned.
- DO NOT get closer than 6 inches (15 cm) when cleaning tires.



### Applying Detergent

A WARNING Chemical Burn Hazard.



Chemicals could cause burns resulting in death or serious injury.

- DO NOT use caustic liquid with pressure washer.
- Use ONLY pressure washer safe detergents/soaps. Follow all manufacturers instructions.

#### To apply detergent, follow these steps:

- 1. Review use of spray tips.
- 2. Prepare detergent solution as required by job.
- 3. Pour detergent into cleaning tank.

NOTICE The cleaning tank holds one gallon.

4. Make sure magenta spray tip is installed.

**NOTICE** Detergent cannot be applied with the high pressure spray tips (White, Green, Cyan or Red).

5. Make sure garden hose is connected to water inlet. Check that high pressure hose is connected to spray gun and pump. Turn on water.

**NOTICE** You must attach all hoses before you start the engine.

- Starting the engine without all the hoses connected and without the water turned ON could damage the pump.
- Damage to equipment resulting from failure to follow this instruction will void warranty.
  - 6. Start engine following instructions *How to Start Your Pressure Washer.*
  - Apply detergent to a dry surface, starting at lower portion of area to be washed and work upward, using long, even, overlapping strokes.
  - Allow detergent to "soak in" for 3-5 minutes before washing and rinsing. Reapply as needed to prevent surface from drying. DO NOT allow detergent to dry on (prevents streaking).

#### **Pressure Washer Rinsing**

#### For Rinsing:

- 1. Remove magenta spray tip from nozzle extension.
- 2. Select and install desired high pressure spray tip following instructions *How to Use Spray Tips*.
- Keep spray gun a safe distance from area you plan to spray.

WARNING Kickback from spray gun could cause you to fall resulting in death or serious injury.

- Operate pressure washer from a stable surface.
- Be extremely careful if you must use the pressure washer from a ladder, scatfolding, or any other similar location.
- Firmly grasp spray gun with both hands when using high pressure spray to avoid injury when spray gun kicks back.
- Apply a high pressure spray to a small area and then check surface for damage. If no damage is found, you can assume it is okay to continue rinsing.
- 5. Start at top of area to be rinsed, working down with same overlapping strokes as you used for cleaning.

### 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 temperatures above 125°F (51°C). The system engages to cool the pump by **discharging the warm water onto the ground.** 

### Maintenance

#### General Recommendations

Regular maintenance will improve the performance and extend the life of the pressure washer. See any gualified dealer for service.

The pressure washer's warranty does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, the operator must maintain the pressure washer as instructed in this manual, including proper storage as detailed in Winter Storage and Long Term Storage.

**NOTICE** Should you have questions about replacing components on your pressure washer, please call (888) 611-6708 for assistance.

- Some adjustments will need to be made periodically to properly maintain your pressure washer. Check the spray gun and nozzle extension assembly for wear.
- All maintenance in this manual and the engine operator's manual should be made at least once each season.
- Once a year you should clean or replace the spark plug, clean or replace the air filter. A new spark plug and clean air filter assure proper fuel-air mixture and help your engine run better and last longer. Please refer to your engine operator's manual for more details.

#### **Before Each Use**

- 1. Check engine oil level.
- 2. Clean debris.
- 3. Check water inlet screen for damage.
- Check high pressure hose for leaks.
- 5. Check detergent siphoning tube/tank for damage.
- 6. Check spray gun and nozzle extension assembly for leaks.
- 7. Rinse out garden hose to flush out debris.

#### Pump Oil

DO NOT attempt any oil maintenance on this pump. The pump is pre-lubricated and sealed from the factory, requiring no additional maintenance for the life of the pump.

#### Pressure Washer Maintenance

#### **Clean Debris**

Daily or before use, clean accumulated debris from cleaning system. Keep linkage, spring and controls clean. Keep area around and behind muffler free from any combustible debris. Inspect cooling air slots and openings on the pressure washer. These openings must be kept clean and unobstructed.

Cleaning system parts should be kept clean to reduce the risk of overheating and ignition of accumulated debris.

Use a damp cloth to wipe exterior surfaces clean.

**NOTICE** Improper treatment of pressure washer could damage it and shorten its life.

- DO NOT insert any objects through cooling slots.
  - Use a soft bristle brush to loosen caked on dirt, oil, etc.
  - · Use a vacuum cleaner to pick up loose dirt and debris.

#### **Check and Clean Inlet Screen**

Examine the screen on the pump's 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.



**A WARNING** The high pressure stream of water that this equipment produces could cut through skin and its underlying tissues, resulting in serious injury and possible amputation.

- · NEVER repair high pressure hose. Replace it.
- Replacement hose rating MUST equal or exceed maximum pressure rating of unit.

#### **Check Detergent Siphoning Tube**

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

#### **Detergent Siphoning Check Ball**

Occasionally check ball in detergent siphoning system may become stuck from storage, dried soap, or minerals in water. The check ball can be freed by performing the following:

**NOTICE** Before performing this procedure, be sure you are wearing safety goggles as described below.

A WARNING Risk of eve injury. Spray could splash back or propel objects resulting in serious injury.

- Always wear indirect vented (chemical splash) safety goggles marked to comply with ANSI Z87.1 when using or in vicinity of this equipment.
- NEVER substitute safety glasses or dry-condition goggles for indirect vented safety goggles.
- 1. Shut off engine and turn off water supply.
- 2. ALWAYS point spray gun in a safe direction, press red button and squeeze spray gun trigger to release retained high water pressure.

**A WARNING** The high pressure stream of water that

this equipment produces could cut through skin

and its underlying tissues, resulting in serious injury and possible amputation.

Spray gun traps high water pressure, even when engine is stopped and water is disconnected, which could result in serious injury.

- Keep high pressure hose connected to pump and spray gun while system is pressurized.
- ALWAYS point spray gun in safe direction, press red button and squeeze spray gun trigger to release high pressure, every time you stop engine.
- 3. Remove detergent siphoning hose from barbed fitting on pump.
- 4. Using a firm, blunt object 7/64" in diameter or smaller, by at least 1" long, such as an Allen wrench, slowly insert the object into the barbed fitting until you meet resistance. This resistance is the check ball.
- 5. Slowly push down until you feel the ball move slightly, push no more than 1/8". Slight pressure may be required to free the ball.
- 6. Repeat steps 4 and 5 if necessary.
- 7. Reinstall detergent siphoning hose onto barb fitting.
- 8. Treat with PumpSaver as described in Protecting the Pump during storage to prevent reoccurrence.

#### **Check Spray Gun**

Examine the hose connection to the spray gun and make sure it is secure. Test the trigger by pressing the red button and making sure the trigger "springs back" into place when you release it. You should not be able to press the trigger without pressing the red button. Replace spray gun immediately if it fails any of these tests.

#### **Nozzle Maintenance**

A pulsing sensation felt while squeezing the spray gun trigger may be caused by excessive pump pressure. The principal cause of excessive pump pressure is a spray tip clogged or restricted with foreign materials, such as dirt, etc. To correct the problem, immediately clean the spray tip following these instructions:

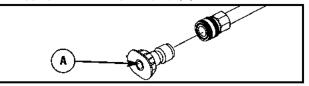
- 1. Shut off engine and turn off water supply.
- 2. ALWAYS point spray gun in a safe direction, press red button and squeeze spray gun trigger to release retained high water pressure.

**A WARNING** The high pressure stream of water that this equipment produces could cut through skin

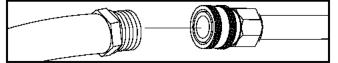
and its underlying tissues, resulting in serious injury and possible amputation.

Spray gun traps high water pressure, even when engine is stopped and water is disconnected, which could result in serious injury.

- Keep high pressure hose connected to pump and spray gun while system is pressurized.
- ALWAYS point spray gun in safe direction, press red button and squeeze spray gun trigger to release high pressure, every time you stop engine.
- 3. Remove spray tip from end of nozzle extension.
- 4. Use a small paper clip to free any foreign material clogging or restricting spray tip (A).



- 5. Remove nozzle extension from spray gun.
- 6. Using a garden hose, remove additional debris by back flushing water through nozzle extension. Back flush between 30 to 60 seconds.



- 7. Reinstall spray tip into nozzle extension.
- 8. Reconnect nozzle extension to spray gun.
- 9. Make sure garden hose is connected to water inlet. Check that high pressure hose is connected to spray gun and pump. Turn on water.
- 10. Start engine following instructions How to Start Your Pressure Washer.
- 11. Test pressure washer by operating with each guick connect spray tip.

#### **O-Ring Maintenance**

Purchase an O-Ring/Maintenance Kit, model 196002GS by contacting the nearest authorized service center. It is not included with the pressure washer. This kit includes replacement o-rings, rubber washer and water inlet filter. Refer to the instruction sheet provided in the kit to service your unit's o-rings.



A WARNING The high pressure stream of water that this equipment produces could cut through skin and its underlying tissues, resulting in serious injury and possible amputation.

NEVER repair leaking connections with sealant of any kind. Replace o-ring or seal.

#### Engine Maintenance

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

**A CAUTION** Avoid prolonged or repeated skin contact with used motor oil.

- Used motor oil has been shown to cause skin cancer in certain laboratory animals.
- Thoroughly wash exposed areas with soap and water.



KEEP OUT OF REACH OF CHILDREN. DON'T POLLUTE, CONSERVE RESOURCES, RETURN USED OIL TO COLLECTION CENTERS.

#### **Inspect Muffler and Spark Arrester**

Inspect the muffler for cracks, corrosion, or other damage. Remove the spark arrester, if equipped, and inspect for damage or carbon blockage. If replacement parts are required, make sure to use only original equipment replacement parts.

A WARNING Exhaust heat/gases could ignite

combustibles, structures or damage fuel tank causing a fire, resulting in death or serious injury.

Contact with muffler area could cause burns resulting in serious iniury.

- DO NOT touch hot parts and AVOID hot exhaust cases.
- Allow equipment to cool before touching.
- Keep at least 5 feet (1.5 m) of clearance on all sides of pressure washer including overhead.
- It is a violation of California Public Resource Code, Section 4442, to use or operate the engine on any forest-covered, brush-covered, or grass-covered land unless the exhaust system is equipped with a spark arrester, as defined in Section 4442, maintained in effective working order. Other states or federal jurisdictions may have similar laws.

Contact the original equipment manufacturer, retailer, or dealer to obtain a spark arrester designed for the exhaust system installed on this engine.

Replacement parts must be the same and installed in the same position as the original parts.

#### After Each Use

Water should not remain in the unit for long periods of time. Sediments or minerals can deposit on pump parts and freeze pump action. Follow these procedures after every use:

- Flush detergent system by removing the detergent siphoning tube from the cleaning tank and run pressure washer with magenta spray tip. Flush for one to two minutes.
- 2. Shut off engine, turn off water supply, point gun in a safe direction, press red button and squeeze trigger to relieve trapped pressure, and let engine cool.
- A WARNING The high pressure stream of water that

this equipment produces could cut through skin and its underlying tissues, resulting in serious injury and possible amputation.

Spray gun traps high water pressure, even when engine is stopped and water is disconnected, which could result in serious injury.

- Keep high pressure hose connected to pump and spray gun • while system is pressurized.
- ALWAYS point spray gun in safe direction, press red button and squeeze spray gun trigger to release high pressure, every time you stop engine.
- 3. Disconnect hose from spray gun and high pressure outlet on pump. Drain water from hose, spray gun, and nozzle extension. Use a rag to wipe off the hose.
- 4. Place the spray gun, nozzle extension and spray tips in the accessory tray. Hang high pressure hose on hook attached to accessory tray.
- 5. Empty pump of all pumped liquids by pulling recoil handle about six times. This should remove most liquid in pump.
- 6. Store unit in a clean, dry area.
- 7. If storing for more than 30 days, see Long Term Storage on next page.

**A WARNING** Fuel and its vapors are extremely flammable



and explosive which could cause burns, fire or explosion resulting in death or

serious injury.

WHEN STORING FUEL OR EQUIPMENT WITH FUEL IN TANK

Store away from furnaces, stoves, water heaters, clothes dryers, or other appliances that have pilot light or other ignition source because they could ignite fuel vapors.

#### Storage

#### Winter Storage

**NOTICE** You must protect your unit from freezing temperatures.

- Failure to do so will permanently damage your pump and render your unit inoperable.
- · Freeze damage is not covered under warranty.

#### To protect the unit from freezing temperatures:

- 1. Empty cleaning tank by running pressure washer with magenta spray tip until tank is empty.
- 2. Follow steps 2-5 in the previous section After Each Use.
- Use pump saver, Model 6039, to treat pump. This minimizes freeze damage and lubricates pistons and seals.
- If pump saver is not available, connect a 3-foot (1 m) section of garden hose to water inlet adapter. Pour RV-antifreeze (antifreeze without alcohol) into hose. Pull recoil handle twice. Disconnect 3-foot (1 m) hose.
- 5. Store unit in a clean, dry area.

#### Long Term Storage

If you do not plan to use the pressure washer for more than 30 days, you must prepare the engine and pump for long term storage.

#### **Protect Fuel System**

#### Fuel Additive:

Fuel can become stale when stored over 30 days. Stale fuel causes acid and gum deposits to form in the fuel system or on essential carburetor parts. To keep fuel fresh, use **Briggs & Stratton® Advanced Formula Fuel Treatment & Stabilizer**, available wherever Briggs & Stratton genuine service parts are sold.

For engines equipped with a FRESH START® fuel cap, use **Briggs & Stratton FRESH START**® available in a drip concentrate cartridge.

There is no need to drain gasoline from the engine if a fuel stabilizer is added according to instructions. Run the engine for 2 minutes to circulate the stabilizer throughout the fuel system before storage.

If gasoline in the engine has not been treated with a fuel stabilizer, it must be drained into an approved container. Run the engine until it stops from lack of fuel. The use of a fuel stabilizer in the storage container is recommended to maintain freshness.

#### Storing the Engine

See the engine operator's manual for instructions on how to properly prepare the engine for storage.

#### **Protecting the Pump**

To protect the pump from damage caused by mineral deposits or freezing, use PumpSaver, Model 6039, to treat pump. This prevents freeze damage and lubricates pistons and seals.

**NOTICE** PumpSaver is available as an optional accessory. It is not included with the pressure washer. Contact the nearest authorized service center to purchase PumpSaver.

**NOTICE** You must protect your unit from freezing temperatures.

- Failure to do so will permanently damage your pump and render your unit inoperable.
- Freeze damage is not covered under warranty.

To use PumpSaver, make sure the pressure washer is turned off and disconnected from supply water. Read and follow all instructions and warnings given on the PumpSaver container.

#### **Other Storage Tips**

- 1. DO NOT store fuel from one season to another unless it has been treated as described in *Protect Fuel System*.
- Replace fuel container if it starts to rust. Rust and/or dirt in fuel can cause problems if it's used with this unit.
- 3. Cover unit with a suitable protective cover that does not retain moisture.

**WARNING** Storage covers could cause a fire resulting in death or serious injury.

- DO NOT place a storage cover over a hot pressure washer.
- Let equipment cool for a sufficient time before placing the cover on the equipment.
- 4. Store unit in a clean and dry area.

### Troubleshooting

Problem	Cause	Correction
	1. Low pressure spray tip installed.	1. Replace with high pressure spray tip.
	2. Water inlet is blocked.	2. Clear inlet.
	3. Inadequate water supply.	3. Provide adequate water flow.
Pump has following problems: failure	4. Inlet hose is kinked or leaking.	4. Straighten inlet hose, patch leak.
to produce pressure, erratic pressure,	5. Clogged inlet hose screen.	5. Check and clean inlet hose screen.
chattering, loss of pressure, low water volume.	6. Water supply is over 100°F (38°C).	6. Provide cooler water supply.
	<ol> <li>High pressure hose is blocked or leaks.</li> </ol>	7. Clear blocks in outlet hose.
	8. Spray gun leaks.	8. Replace spray gun.
	9. Spray tip is obstructed.	9. Clean spray tip.
	10. Pump is faulty.	10. Contact local service facility.
	<ol> <li>Detergent siphoning tube is not submerged.</li> </ol>	<ol> <li>Insert detergent siphoning tube interdetergent.</li> </ol>
Detergent fails to mix with spray.	<ol> <li>Detergent siphoning tube is clogged or cracked.</li> </ol>	2. Clean or replace detergent siphoning tube.
	3. High pressure spray tip installed.	3. Replace with low pressure spray tip.
	<ol> <li>Check ball stuck in detergent siphoning system.</li> </ol>	4. Unstick check ball as described in <i>Detergent Siphoning Check Ball.</i>
	1. Low oil level.	1. Fill crankcase to proper level.
	2. Dirty air cleaner.	2. Clean or replace air cleaner.
	3. Out of fuel.	3. Fill fuel tank.
Engine will not start; starts and runs	4. Stale fuel.	4. Drain fuel tank; fill with fresh fuel.
rough or shuts down during operation.	<ol> <li>Spark plug wire not connected to spark plug.</li> </ol>	5. Connect wire to spark plug.
	6. Bad spark plug.	6. Replace spark plug.
	7. Water in fuel.	7. Drain fuel tank; fill with fresh fuel.
	8. Excessively rich fuel mixture.	8. Contact local service facility.
Engine lacks power.	Dirty air filter.	Replace air filter.

#### TROY-BILT® PRESSURE WASHER OWNER WARRANTY POLICY

Effective November 1, 2012; replaces all undated Warranties and all Warranties dated before November 1, 2012.

#### LIMITED WARRANTY

Troy-Bilt® is a registered trademark of MTD Products Inc. and is used under license to Briggs & Stratton Power Products. Briggs & Stratton warrants that, during the warranty period specified below, it will repair or replace, free of charge, any part that is defective in material or workmanship or both. Transportation charges on product submitted for repair or replacement under this warranty must be borne by purchaser. This warranty is effective for and is subject to the time periods and conditions stated below. For warranty service, find the nearest Authorized Service Dealer in our dealer locator map at BRIGGSandSTRATTON.com. The purchaser must contact the Authorized Service Dealer, and then make the product available to the Authorized Service Dealer for inspection and testing.

There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to one year from purchase, or to the extent permitted by law. All other implied warranties are excluded. Liability for incidental or consequential damages are excluded to the extent exclusion is permitted by law. Some states or countries do not allow limitations on how long an implied warranty lasts, and some states or countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation and exclusion 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 or country.\*\*

#### WARRANTY PERIOD

Consumer Use	2 years
Commercial Use	90 days

\*\* In Australia - Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. For warranty service, find the nearest Authorized Service Dealer in our dealer locator map at BRIGGSandSTRATTON.COM, or by calling 1300 274 447, or by emailing or writing to salesenquires@briggsandstratton.com.au, Briggs & Stratton Australia Pty Ltd, 1 Moorebank Avenue, NSW, Australia, 2170.

The warranty period begins on the date of purchase by the first retail consumer or commercial end user, and continues for the period of time stated above. "Consumer use" means personal residential household use by a retail consumer. "Commercial use" means all other uses, including use for commercial, income producing or rental purposes. Once equipment has experienced commercial use, it shall thereafter be considered as commercial use for purposes of this warranty.

NO WARRANTY REGISTRATION IS NECESSARY TO OBTAIN WARRANTY ON BRIGGS & STRATTON PRODUCTS. SAVE YOUR PROOF OF PURCHASE RECEIPT. IF YOU DO NOT PROVIDE PROOF OF THE INITIAL PURCHASE DATE AT THE TIME WARRANTY SERVICE IS REQUESTED, THE MANUFACTURING DATE OF THE PRODUCT WILL BE USED TO DETERMINE THE WARRANTY PERIOD.

#### **ABOUT YOUR WARRANTY**

We welcome warranty repair and apologize to you for being inconvenienced. Any Authorized Service Dealer may perform warranty repairs. Most warranty repairs are handled routinely, but sometimes requests for warranty service may not be appropriate. For example, warranty service would not apply if equipment damage occurred because of misuse, lack of routine maintenance, shipping, handling, warehousing or improper installation. Similarly, the warranty is void if the manufacturing date or the serial number on the pressure washer or engine has been removed or the equipment has been altered or modified. During the warranty period, the Authorized Service Dealer, at its option, will repair or replace any part that, upon examination, is found to be defective under normal use and service. This warranty will not cover the following repairs and equipment:

- Normal Wear: Outdoor Power Equipment, like all mechanical devices, needs periodic parts and service to perform well. This warranty also does not cover normal maintenance such as air filters, adjustments, fuel system cleaning and obstruction (due to chemical, lime, dirt, and so forth).
- Installation and Maintenance: This warranty does not apply to equipment or parts that have been subjected to improper or unauthorized installation or alteration and modification, misuse, negligence, accident, overloading, overspeeding, improper maintenance, repair or storage so as, in our judgment, to adversely affect its performance and reliability. This warranty also does not cover normal maintenance such as air filters, adjustments, fuel system cleaning and obstruction (due to chemical, lime, dirt, and so forth).
- Other Exclusions: This warranty excludes the engine. For engine warranty questions, call American Honda Motor Company at 1-800-426-7701 or visit www.honda-engines.com for a dealer locator.
   This warranty excludes wear items such as quick couplers, seals, o-rings, pumps that have been run without water supplied or damage or malfunctions resulting from accidents, abuse, modifications, alterations, or improper servicing or freezing or chemical deterioration. Accessory parts, such as guns, hoses, nozzle extensions (wands), and nozzles, are excluded from the product warranty. This warranty excludes used, reconditioned, and demonstration equipment and failures due to acts of God and other force majeure events beyond the manufacturers control. 201605E, Rev. B, 10/18/2012

#### BRIGGS & STRATTON POWER PRODUCTS GROUP, LLC MILWAUKEE, WI, USA