

EMISSIONS INFORMATION

The U.S. Environmental Protection Agency (and California Air Resource Board for equipment certified to CA standards) requires that this engine comply with exhaust and evaporative emission standards. Locate the emissions compliance decal on the engine to determine what standards the engine meets, and to determine which emissions warranty applies. The engine is certified to meet the applicable emission standards on gasoline. It is important to follow the maintenance specifications in the Maintenance section to ensure that the engine complies with the applicable emission standards for the duration of the product's life. This engine utilizes lean carburetion settings and other systems to reduce emissions. Tampering with or altering the emission control system may increase emissions and may be a violation of Federal or California Law. Acts that constitute tampering include but are not limited to:

- Removal or alteration of any part of the intake, fuel, or exhaust systems
- Altering or defeating the governor linkage or speed-adjusting mechanism to cause the engine to operate outside its design parameters

If you are aware of any of the following symptoms, have your engine inspected and repaired by your servicing dealer:

- Hard starting or stalling after starting
- Rough idle
- Misfiring or backfiring under load
- Afterburning (backfiring)
- Black exhaust smoke or high fuel consumption

UNPACKING

1. Remove the parts bag, accessories, and inserts included with power washer.
2. Open carton completely by cutting each corner from top to bottom.
3. Ensure you have all included items prior to assembly.
 - Main Unit
 - High Pressure Hose
 - Siphon Hose & Filter
 - Spray Gun
 - Lance with Quick Connect Fitting
 - Oil Bottle
 - Parts Bag (which includes the following):
 - Hose Hook Wireform with Screws and Allen Wrench
 - Operator's Manual
 - Owner's Registration Card
 - Bag containing Color-coded Nozzles
 - Filter Screen
4. If you are missing any items from your carton, please call Generac Customer Service at 1-888-436-3722. When calling for assistance, please have the model and serial number from the data tag available.
5. Fill out and send in registration card. Write Model number, Serial number & date of purchase in the table located in the "Where to Find Us" section.

ASSEMBLY



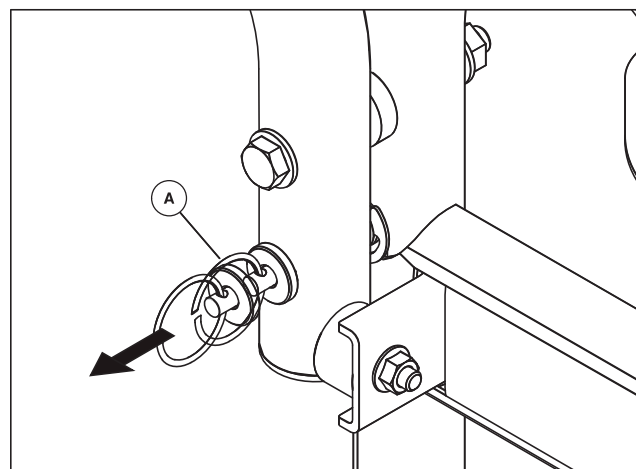
WARNING

Consult Manual. Read and understand manual completely before using machine. Failure to completely understand manual and machine could result in death or serious injury. (000100)

Call Generac Customer Service at 1-888-436-3722 for any assembly issues or concerns. Please have the model and serial number available.

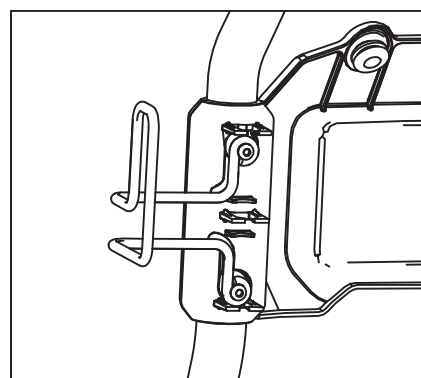
1. The handle may be folded down or locked into position using the integrated pull pin.

Figure 2 – Attach Handle



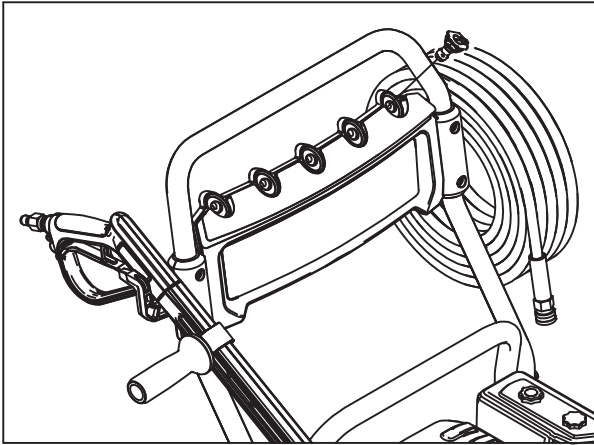
2. Install hose hook using provided screws and allen wrench (Figure 3).

Figure 3 – Install Hose Hook



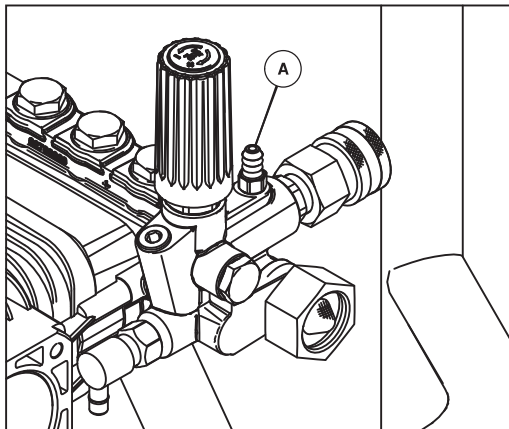
3. Insert color-coded nozzles in spaces provided in handle (Figure 4).
4. Place spray gun and nozzle extension into spray gun holder as shown (Figure 4).

Figure 4 – Insert Nozzles



5. Coil high pressure hose and hang on hook.
6. Attach siphon tube to location A (Figure 5).

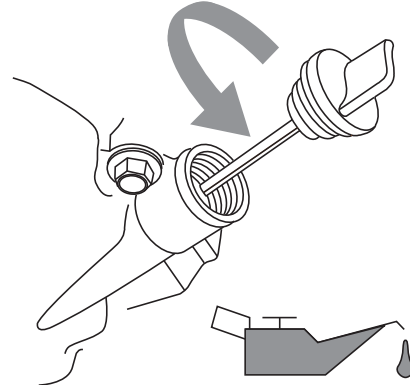
Figure 5 – Siphon Tube Location



ADD ENGINE OIL

1. Place power washer on a flat, level surface.
2. Clean area around oil fill and remove orange oil fill cap/dipstick (Figure 6).

Figure 6 – Fill Engine Oil



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3. Using oil funnel (optional), slowly pour oil into oil fill opening. See Maintenance section for oil type recommendation.

NOTE:

On some units there is more than one oil fill location. In these instances it is only necessary to use one of the oil fill points.

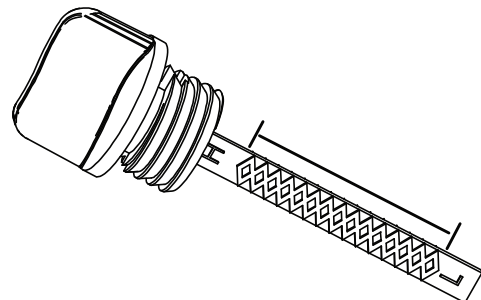
4. Check periodically until the oil level is between "L" and "H" on the dipstick (Figure 7). **DO NOT OVERFILL.**

NOTE:

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

5. Replace oil fill cap/dipstick and fully tighten.

Figure 7 – Dipstick

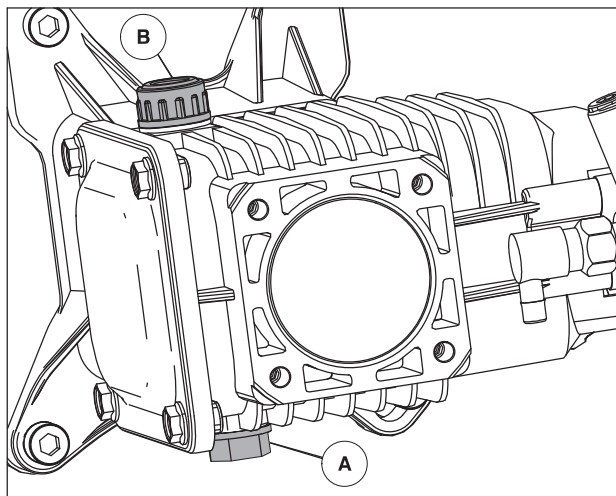


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CHECK PUMP OIL

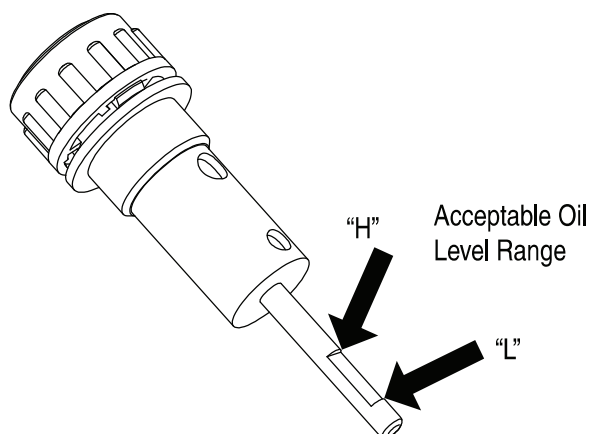
1. Place power washer on a flat, level surface.
2. Clean area around oil fill and remove vented cap/dipstick (B) (Figure 8).

Figure 8 – Check Pump Oil



3. Check to confirm oil level is between the "L" and "H" on the dipstick (Figure 9). If oil is required, see Maintenance section. **DO NOT OVERFILL.**
4. See the Maintenance section for additional information on pump oil maintenance.
5. Install oil dipstick until finger tight.
6. Clean up any spilled oil.

Figure 9 – Pump Oil Dipstick



ADD FUEL

Fuel must meet these requirements:

- Clean, fresh, unleaded gasoline.
- A minimum of 87 octane/87 AKI (91 RON).
- Gasoline with up to 10% ethanol (gasohol) is acceptable.

NOTE:

Avoid power washer damage. Failure to follow Operator's Manual for fuel recommendations voids warranty.

- DO NOT use unapproved gasoline such as E85.
- DO NOT mix oil in gasoline.
- DO NOT modify engine to run on alternate fuels.

To protect the fuel system from gelling, mix in a fuel stabilizer when adding fuel. See Storage. All fuel is not the same. If you experience starting or performance problems after using fuel, switch to a different fuel provider or change brands.



⚠ DANGER

Explosion and Fire. Fuel and vapors are extremely flammable and explosive. Add fuel in a well ventilated area. Keep fire and spark away. Failure to do so will result in death or serious injury. (000105)

WHEN ADDING FUEL

- Turn power washer OFF and let it cool at least two (2) minutes before removing fuel cap. Loosen cap slowly to relieve pressure in tank.
 - Fill 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.
 - DO NOT light a cigarette or smoke.
1. Clean area around fuel fill cap, remove cap.
 2. Slowly add regular unleaded fuel to fuel tank. Be careful not to overfill. Fill to bottom of filter screen, this will allow for fuel expansion (Figure 10).
 3. Install fuel cap and let any spilled fuel evaporate before starting engine.

Figure 10 – Adding Fuel



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CONNECT HOSE AND WATER SUPPLY TO PUMP

NOTE:

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.

NOTE:

Remove and discard the shipping cap from the pump's water inlet before attaching hose.

1. Run water through your garden hose for 30 seconds to clean out any debris.
2. Before connecting garden hose to water inlet, inspect inlet screen before installing (A) (Figure 11). The cone should face outward. Clean screen if it contains debris or have it replaced if damaged. **DO NOT** run power washer if inlet screen is damaged.

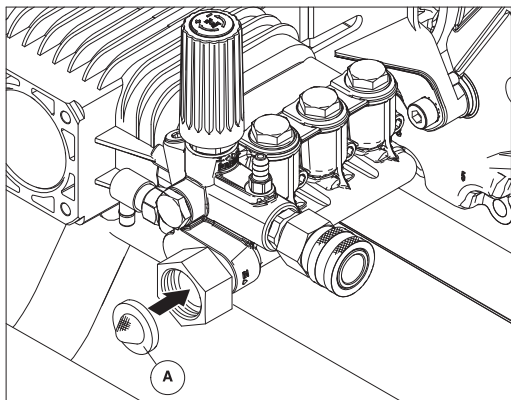
IMPORTANT: **DO NOT** siphon standing water for the water supply. Use **ONLY** cold water (less than 100°F). Water supply must be adequate to handle greater than 3.8 gallons per minute and no less than 30 psi.

NOTE:

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

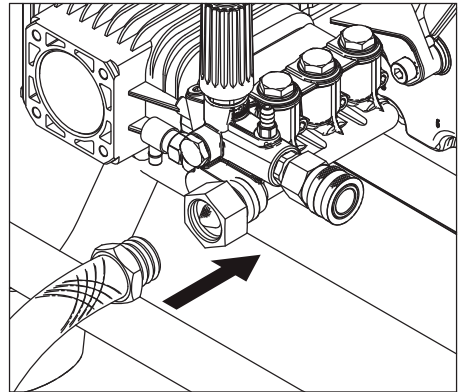
- There **MUST** be at least ten feet of unrestricted garden hose between the power washer inlet and any device, such as a vacuum breaker or check valve.
- Damage to equipment resulting from failure to follow this instruction will void warranty.

Figure 11 – Inspect Inlet Screen



3. Connect the garden hose (not to exceed 50 feet in length) to the water inlet (Figure 12). Tighten by hand.

Figure 12 – Connect Garden Hose



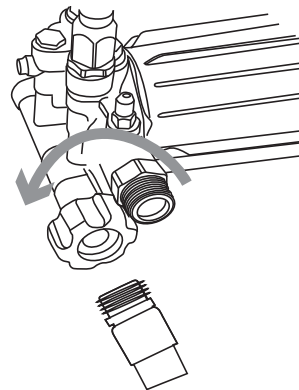
WARNING

Vision Loss. Eye goggles are required to be worn when using this machine. Failure to wear eye goggles could result in permanent vision loss.

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- Always wear safety goggles when using this equipment or in vicinity of equipment in use.
 - Before starting the power washer, be sure you are wearing adequate safety goggles.
 - NEVER substitute safety glasses for safety goggles.
4. Connect lance to spray gun (Figure 13). Tighten by hand.

Figure 13 – Attach Lance



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5. Attach end of high pressure hose to base of spray gun (Figure 14).



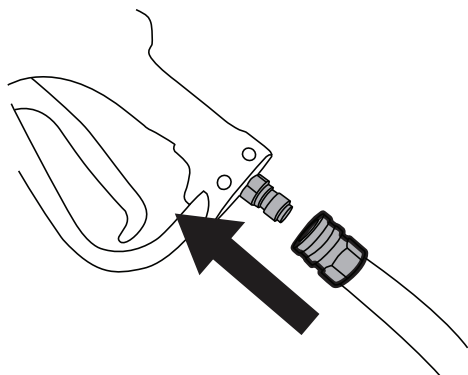
DANGER

Fluid Injection. This machine produces high-pressure fluid streams that can pierce skin. Fluid injection will result in death or serious injury.

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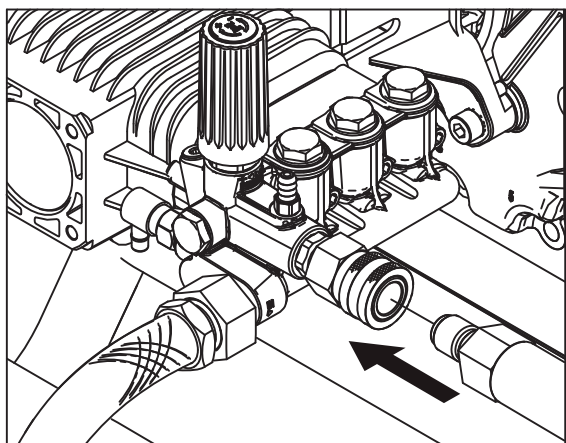
- NEVER connect high pressure hose to lance.
- Keep high pressure hose connected to pump and spray gun while system is pressurized.
- Always be certain spray gun, nozzles and accessories are correctly attached.

Figure 14 – Connect Hose to Spray Gun



6. Connect high pressure hose to pump (uncoil hose before connecting to pump or spray gun) (Figure 15).

Figure 15 – Connect High Pressure Hose to Pump



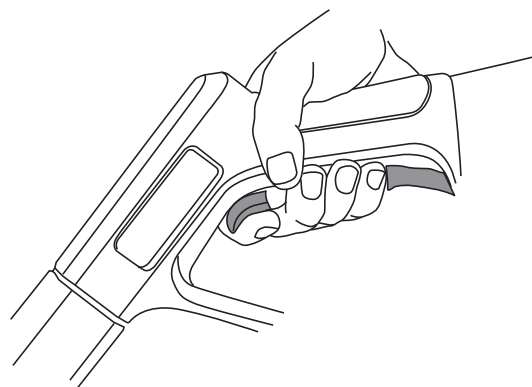
7. Turn ON the water, squeeze the trigger to purge the pump system of air (Figure 16).

CAUTION

Equipment damage. The hose can be damaged if it comes in contact with the hot engine muffler. Keep hose away from muffler during operation.

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Figure 16 – Squeeze Trigger



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HOW TO USE NOZZLES

The quick-connect on the nozzle lance allows you to switch between different nozzles. Nozzles can be changed while the power washer is running, once the spray gun trigger is locked in the safety position. The nozzles vary the pressure and spray pattern as shown.

- For the most effective cleaning, keep the nozzle from 8 to 24 inches (20 to 61 cm) away from the surface being cleaned.
- If you get the nozzle too close, especially using a high pressure nozzle, you may damage the surface being cleaned.



DANGER

Fluid Injection. This machine produces high-pressure fluid streams that can pierce skin. Fluid injection will result in death or serious injury.

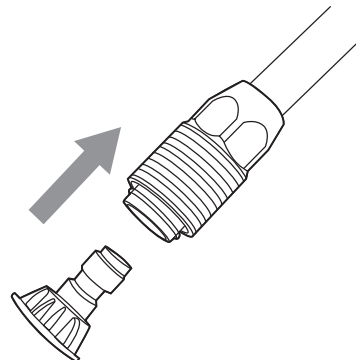
(000106)

- NEVER exchange nozzles without the trigger lock being engaged on the spray gun.
- DO NOT twist nozzles while spraying.

Follow these instructions to change nozzles:

1. Pull back the collar on the quick-connect and pull the current nozzle off. Store nozzles in the accessory storage holder (Figure 17).

Figure 17 – Nozzles

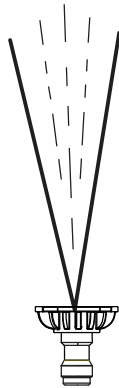


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Set-up

2. Select desired nozzle:
 3. Pull back on the collar, insert the new nozzle and release the collar. Tug on the nozzle to make sure it is securely in place.
- The WHITE NOZZLE is used for delicate rinse (lower pressure and higher flow), for gentle cleaning of cars/trucks, boats, RV's, patio furniture, lawn equipment, etc. (Figure 18).

Figure 18 – Wash Pressure Nozzle (White)



- The GREEN NOZZLE is for general rinsing (medium pressure and medium flow), ideal for most all purpose cleaning such as home siding, brick patios, wood decks, driveways and sidewalks, garage floors, etc. (Figure 19).

Figure 19 – Clean Pressure Nozzle (Green)



- The yellow nozzle is for medium rinsing (higher pressure and medium flow), ideal for removing stains on hard porous surfaces such as concrete driveways, garage floors and brick patios, select yellow nozzle (Figure 20).

Figure 20 – Strip Pressure Nozzle (Yellow)



- The RED NOZZLE is for maximum rinsing (higher pressure and lower flow); 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.) (Figure 21).

CAUTION

This nozzle can damage work surfaces if it is too close, or held in one position for an extended period of time.

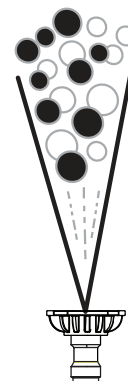
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Figure 21 – Blast Pressure Nozzle (Red)



- Use the BLACK NOZZLE when applying detergent (Figure 22). Only use power washer safe detergents/soaps to help break down stubborn dirt and grime on a variety of surfaces.

Figure 22 – Detergent Nozzle (Black)



CLEANING AND APPLYING DETERGENT



Chemicals can cause bodily injury, and/or property damage.

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- NEVER use caustic liquid with the power washer.
- Use ONLY power washer safe detergents/soaps. Follow all manufacturer's instructions.

To apply detergent, follow these steps:

1. Review proper use of nozzles.
2. Prepare detergent solution as required by the job into a container located within the proximity of the siphon tube.
3. Make sure the siphoning tube remains fully submerged into the detergent.

NOTE:

Make sure the filter remains fully submerged in detergent while applying detergent.

NOTE:

Contact with the hot muffler can damage the detergent siphoning tube.

4. When inserting the siphon into a detergent solution bottle, route the tube so as to keep it from inadvertently contacting the hot muffler.
5. Make sure the black detergent nozzle is installed.

NOTE:

Detergent cannot be applied with the high pressure nozzles (Yellow, White, Green or Red). Only use the Black nozzle with detergent.

6. Confirm that all set-up instructions have been followed.

NOTE:

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

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

IMPORTANT: You must flush the detergent siphoning system after each use by placing the filter into a bucket of clean water, then run the power washer in low pressure for 1-2 minutes.

POWER WASHER RINSING

1. Remove the black detergent nozzle from the lance.
2. Select and install the desired high pressure nozzle following the instructions How to Use Nozzles.
3. Point the spray gun in a safe direction and away from people, animals and plants. Squeeze the trigger to flush any remaining chemicals from the system.
4. Keep the spray gun a safe distance from the area you plan to spray.



Risk of Falling. Use of machine creates wet areas and trip hazards. Be aware of work area conditions. A fall could result in death or serious injury.

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Risk of Falling. Do not use this machine or any components on elevated surfaces. Doing so can result in a fall, serious injury or death.

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Recoil Hazard. Recoil could retract unexpectedly if water pressure is not properly relieved from pump, creating kickback. Kickback could result in death or serious injury.

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- Use only on a level surface.
 - Do not use on an elevated surface to prevent the risk of a serious fall.
 - Firmly grasp the spray gun with both hands when using the high pressure spray to avoid injury when the spray gun kicks back.
5. 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.
 6. Start at the top of the area to be rinsed, working down with the same overlapping strokes used for cleaning.

CLEANING DETERGENT SIPHONING TUBE

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

1. Place the detergent siphoning tube/filter in a bucket full of clean water.
2. Remove the high pressure nozzle from the nozzle extension.
3. Select and install the black detergent nozzle following the instructions How to Use Nozzles.
4. Flush for 1-2 minutes.
5. Shut the engine off following the instructions How to Stop Power Washer, and turn off water supply.
6. ALWAYS point the spray gun in a safe direction, squeeze the spray gun trigger to release retained high water pressure. Engage the trigger lock when not in use.