

Parts #	Quantity	Description
1	1	Handle
2	1	Handle locking pin
3	1	Detergent tank cap
4	2	Wheel
5	2	Crank handle
6	1	High pressure hose
7	1	Water inlet
8	1	Carrying handle
9	1	ON/OFF switch
10	3	Nozzle storage holders
11	1	Power cord
12	1	Spray gun trigger handle
13	1	Quick-connect wand
14	1	Turbo tip
15	1	15° tip (yellow)
16	1	40° tip (white)
17	1	Soap tip (black)
18	1	Tip cleaning needle

Check contents of the box

As shown in Fig. 3

Carefully remove the pressure washer and parts from its packaging. Identify all the parts packaged in the carton against the parts list. Please contact our customer service center (Monday - Friday 8:30AM - 5:00PM ET) at (866) 902-9690 if anything is missing.

- | | |
|-----------------------------|------------------------|
| A. High-pressure washer | F. 40° tip (white) |
| B. Spray gun trigger handle | G. Soap tip (black) |
| C. Quick-connect wand | H. Tip cleaning needle |
| D. Turbo tip | I. Operating manual |
| E. 15° tip (yellow) | J. Crank handle |



WARNING: If any parts are damaged or missing, do not operate this tool until the missing parts are replaced. Failure to heed this warning could result in serious personal injury.



NOTE! Always recycle the packaging in accordance with local recycling codes.

ASSEMBLY AND OPERATION INSTRUCTIONS

Surface Preparation

Before starting any cleaning task, it is important to inspect the area for objects that could create a hazard. Remove any objects from the work area that could be tripped over, such as toys or outdoor furniture. Ensure that all doors and windows are closed tightly.

Water Supply (Cold Water Only)

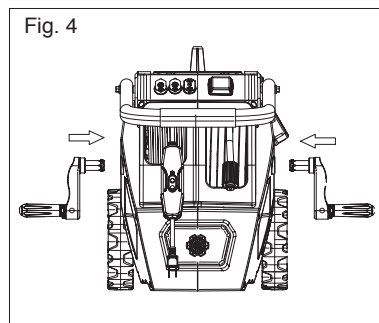
Only draw water through the unit. For use with cold water supply only. Garden hose must be at least a 1/2" (13 mm) in diameter. Flow rate of water supply must not fall below 2 GPM (gallons per minute) [9.1 LPM (liters per minute)]. Flow rate can be determined by running the water for one minute into an empty 5-gallon (19 L) container. The water supply temperature must not exceed 104°F (40°C).



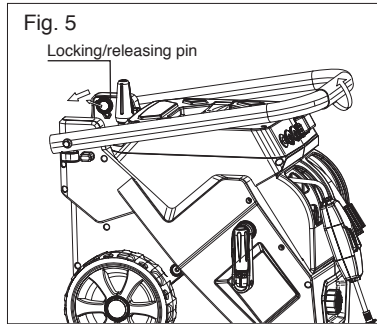
CAUTION

- **Never use the pressure washer to draw in water contaminated with solvents (e.g. paint thinners, gasoline, oil, etc.).**
- **Dirt in the water inlet will damage the unit. To avoid this risk, we recommend checking the water filter (located inside the water inlet. To clean it out, see Maintenance section).**
- **Always prevent debris from being drawn into the unit by using a clean water source and an additional accessory water filter if required.**
- **To prolong the life of the unit, rest the unit for 5 minutes after every 30 minutes of use.**

MACHINE ASSEMBLY



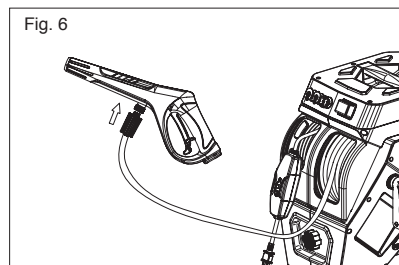
Attach hand cranks onto the hose reel and cord reel on both sides.



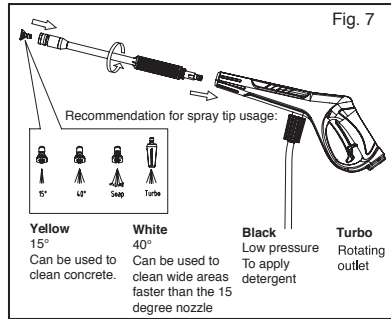
1. Pull the Locking/releasing pin outward on the left side of the machine, so that the locking/releasing pin stays clear of the original hole where it was seated and hold it in place with one hand.
2. While turning the handle upward with the other hand, it can rotate around its pivot. At this moment it allows release the locking/releasing pin, so that it can depress against the surface of the handle.
3. Keep rotating the handle until the locking/releasing pin slips into another hole on the same side of the handle, before using this device, ensure that it is fully engaged into this hole.

To fold the handle

1. This operating procedure is the same as above mentioned.
2. The difference is turning the handle downward.



Attach high pressure hose from hose reel to the gun wand, hand tighten until two parts are locked.

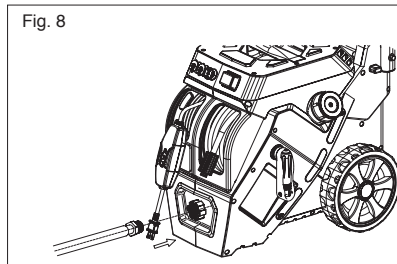


Attach desired color coded spray tip to quick - connect wand by pushing to ensure it is clicked in securely. Insert quick-connect wand into the gun wand, hand tighten until two parts are locked.

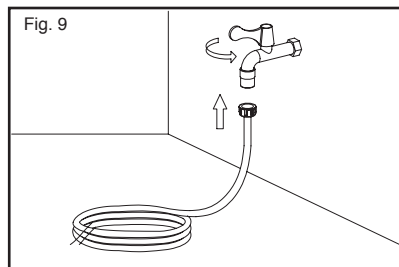


CAUTION

Placing any spray tip too close to a surface can result in permanent damage to the surface being sprayed. Maintain at least a 24" distance between the tip and the surface being sprayed until you have determined it is safe to move the tip closer to the surface.



Attach the garden hose to the water inlet (hand tighten only).



Attach garden hose to water supply and turn water valve on to the full on position. The water temperature must not exceed 40°C(104°F) and the supply pressure must be between 40 to 80 PSI.



CAUTION

The pressure washer must only be used with clean water. Use of unfiltered water or corrosive chemicals will damage the pressure washer. This pressure washer is not intended to pump hot water. Never connect it to a hot water supply as it will significantly reduce the life of the pump.

OPERATION INSTRUCTIONS



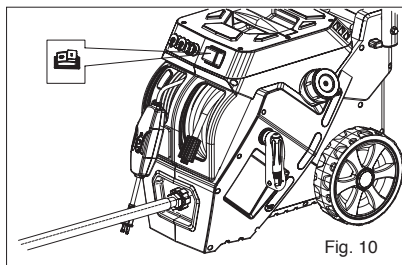
WARNING

Risk of injury, Do Not Direct discharge stream at self or other persons.

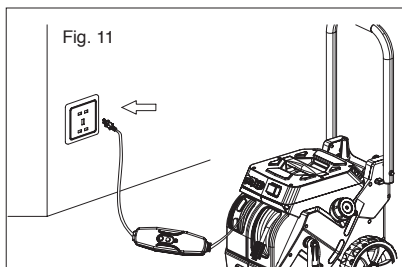


WARNING

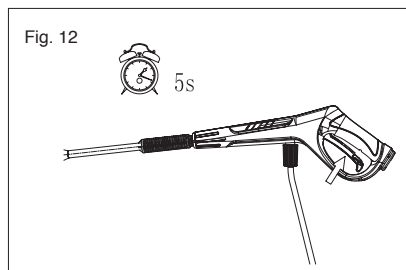
Before cleaning any surface, an inconspicuous area should be cleaned to test spray pattern and distance for maximum cleaning results.



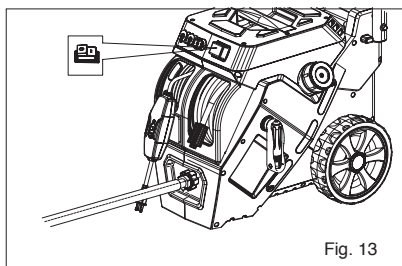
Make sure the ON/OFF switch is on the OFF position before plugging in the unit, press the switch button with mark “O” to ensure it is off.



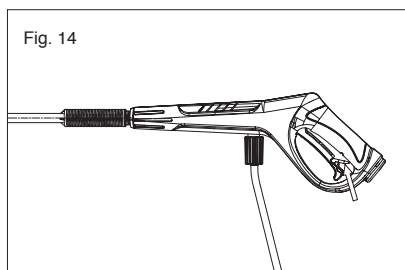
Completely unwind power cord and plug the unit into an outlet.



Ensure the gun safety latch is released by pushing it down and engage the trigger for a few seconds to discharge the residual pressure in the high pressure hose.

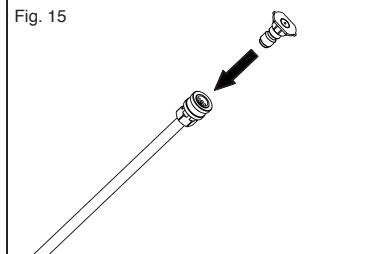


Turn ON the pressure washer by pressing the button with mark “I”. The unit will run for a few seconds to build up pressure, then will stop on the function of total stop system (TSS).



Depress the gun trigger until there is a steady stream of water. Change the spray tip as per the recommendation above if necessary. Before changing spray tip, switch the machine off, depress trigger to release pressure and activate gun safety latch.

Fig. 15



CAUTION

Make sure spray tip and wand is well locked. Do not move the spray tip while trigger is depressed.



CAUTION

If painted surfaces are peeling or chipping, use extreme caution as pressure washer may remove the loose paint from the surface. For most cleaning applications, a twenty degree (20°) spray angle be recommended to avoid damage to the surface being sprayed. The pressure of spray on the surface will increase when you move the wand closer to the surface.

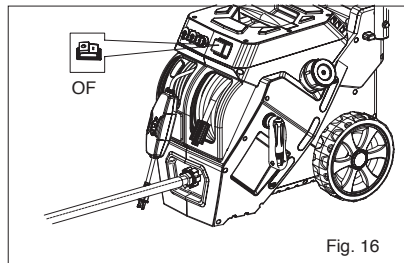


Fig. 16

Turn off the pressure washer by pressing the switch button with mark “O”, activate the safety latch for a break. For storage, drain machine after use by removing water connection, turning ON the machine for a few seconds and depressing gun trigger to release remaining water in the pump. Turn OFF immediately.

CLEANING DETERGENTS DISPENSER

Only use cleaning detergents recommended for pressure washers.

Always follow detergent manufacturer's label recommendations for proper use of detergents or soap. Always protect eyes, skin and respiratory system from detergent if used.



CAUTION

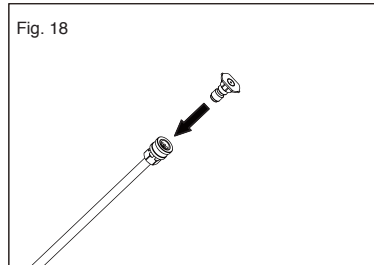
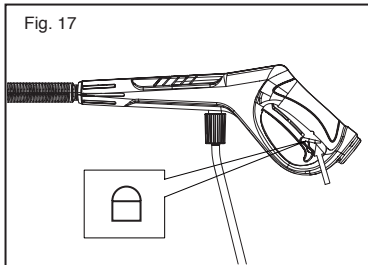
Working with detergent ensures a quick soaking of the dirt, and allows the high- pressure water to penetrate and remove the dirt more effectively. Always spray detergent on a dry surface, do not pre-soak area. Wetting the surface first dilutes the detergent and reduces its cleaning ability.

To apply detergents you must be operating at low pressure. This provides a gentle application of detergent, with the pressure equivalent to the lowest garden hose. The high-pressure setting is used for cleaning, **you cannot apply detergents when working at high pressure.**

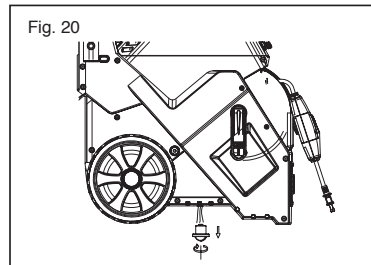
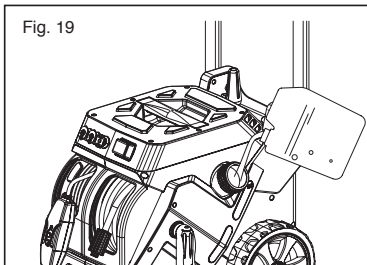
Always test detergent in an inconspicuous area before use.

NO BLEACH

1. Engage gun safety lock.



2. Attach the low-pressure spray tip (black) for soap or detergent application. Detergent application will only work with low pressure spray tip.



3. As shown Fig.19 Lift up to remove the cap of detergent tank, fill tank with detergent or soap and replace the cap. Apply detergent as instructed by the detergent manufacturer.
4. Turn on the pressure washer. Depress trigger to operate unit. The liquid detergent will automatically mix with water, and be discharged through the nozzle. Apply detergent to a DRY work surface, from bottom to top.
5. Allow detergent to remain on the surface for a short time before rinsing. Do not allow detergent to dry on surface.

6. Rinse with clean water under high pressure. On a vertical surface, rinse from the bottom up, then rinse from the top down to avoid streaking. Hold nozzle 6-8" (15-20 cm) from the cleaning surface, at a 45° angle.
7. As shown Fig.20 When you have finished using the detergent injection system, if certain amount of remaining detergent still exist in detergent tank.
 - Drain it by unscrewing the threaded plug, which is located at the bottom of device.
 - Secondly, put the threaded plug back into place.
 - Fill detergent tank with clean water. Siphon water by using soap tip for one minute, so that all detergent is flushed through system.



CAUTION

Fail to follow detergent clean procedure will cause the dispensing system to become clogged.

Damage may occur to painted surface if chemical is allowed to dry on surface. Wash and rinse a small section at a time. Avoid working on hot surfaces or in direct sunlight.

Never use:

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

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

SHUTTING DOWN AND STORAGE

1. (If you are not using detergent, go directly to Step 2.) When you have finished using the detergent dispensing system, fill detergent tank with clean water to rinse the system clean. Depress the gun trigger for one minute at low pressure so that all detergents remaining in system are thoroughly flushed out. Remove detergent tank to empty the remaining water, and rinse it until it is thoroughly cleaned.
2. Turn off water supply and disconnect the garden hose from the faucet and the water inlet on the unit.
3. Depress the gun trigger for a few seconds to release any remaining water until water spray stops, turn off unit immediately.
4. Unplug power cord from the power outlet and wrap it into the cable reel by rotating the reel with hand crank.
5. For storage, disconnect the high pressure hose from the gun wand and wrap hose into the hose reel by rotating the reel with hand crank.
6. Engage gun safety latch and disconnect the quick – connect wand from gun wand, disassembly and replace the spray tip to tip holder on the unit, insert the wand into the wand holder, turn back the hand to the down position.
7. Store the machine and accessories in a room that does not reach freezing temperatures. Do not store near furnace or other sources of heat as it may dry out the pump seals.



WARNING

Turn off water supply and squeeze trigger to depressurize the unit. Failure to do so could result in personal injury due to discharge of high-pressure water.

Optimum Winterizing Procedure

Winterizing your pressure washer will help protect and prolong its life. We strongly recommend you follow the below steps using ***Pressure Washer Pump Saver**. This will keep the internal parts lubricated, protected from rust, and prevents the pump from freezing.

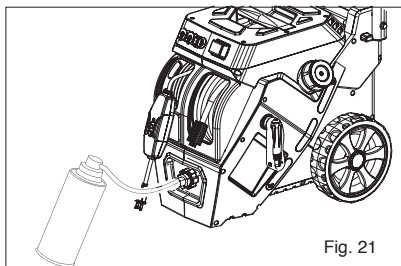


Fig. 21

1. Connect Pressure Washer Pump Saver hose onto the water inlet.
2. Depress button on top of pump saver container.
3. Continue until fluid exits the pressure hose for 15 seconds.
4. Remove the hose from pump inlet (water inlet).

***Pressure Washer Pump Saver not included**