

BILT HARD

Owner's Manual

HIGH PRESSURE WASHER

**THA-0354
THA-0358**



Using tips:
Video on Youtube



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WARNING: Do not use the appliance without reading the instruction sheet.

code: 505191112-EN

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IMPORTANT SAFETY TIPS

Never point the high-pressure nozzle at people or animals.
Never drink alcohol or take drugs while operating the pressure washer.
Never operate the pressure washer while standing in water.
Never touch the electrical plug with wet hands.
Never let electrical connections rest in water.
Never operate pressure washer without turning on the water.
Never use hot water with this pressure washer.

The device is intended for domestic use and for commercial use indoors and outdoors.

IMPORTANT SAFETY PRECAUTIONS



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

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

The machines must not be used by children. Children should be supervised to ensure that they do not play with the appliance.

For commercial use

This machine must not be used by persons (including children) with reduced physical, sensory or mental skills or lack of experience and knowledge.

Not for commercial use

This machine can be used by persons with reduced physical, sensory or mental abilities or lack of experience and knowledge when they are supervised or safe use of the machine and understand the resulting dangers.

Use suitable personal protective equipment (PSA) for high-pressure washers in operation, e.g. safety shoes, protective gloves, protective visors, hearing protection, etc.

CAUTION: Danger of recoil forces and the suddenly occurring torque on the nozzle when the spray gun is opened.



WARNING: This machine has been developed for the use of the detergent supplied or recommended by the manufacturer. The use of other cleaning agents or chemicals can affect the safety of the machine.



- **WARNING:** High pressure jets can be dangerous if used improperly. The beam must not be directed at persons, active electrical equipment or on the machine itself.
- Do not use the appliance with people within its range of action unless they are wearing protective clothing.
- Do not point the jet at yourself or others to clean clothing or footwear.
- Disconnect the power supply before carrying out maintenance by the user.
- High pressure washers must not be operated by children or unskilled persons.
- To ensure the machine safety, only original spare parts from the manufacturer or use spare parts approved by the manufacturer.
- Do not use the appliance if a power cable or important parts of the appliance are damaged, e.g. Safety devices, high pressure hoses, spray gun.
- If the extension cord is used, the plug and socket must be waterproof.

-  **WARNING:** Unsuitable extension cables can be dangerous, if an extension cable is used, it must be suitable for outdoor use, and the connection must be kept dry and off the ground. Use of a power cable reel which keeps the socket at least 60mm above the ground is strongly recommended.
- Switch the appliance off and disconnect it from the power supply before assembly, cleaning, adjustments, maintenance, storage and transportation.
- The electric supply connection must be made by a qualified electrician and comply with IEC 60364-1. Either a residual current device that will cut off the power supply if the leakage current to earth exceeds 30mA for 30ms or a ground fault interrupt device must be installed.
-  **WARNING:** Do not use the machine if a connecting cable or important parts of the machine are damaged, e.g. safety devices, high pressure hoses, spray gun. The machines are not suitable for connection to portable water pipes. Connect the machine to the water supply.
- Use the device on a flat surface.
- Familiarize yourself with all operating features and safety rules. Before use, make sure that the filter and the nozzle are in place. Make sure there is no contamination. After use, make sure there is no water in the pump and hose.
- Overload protection:
When the nozzle is stuffed or the high pressure hose is knotted, the overload protection function automatically and the machine is switched off.
After solving the fault, turn the switch back on and turn the machine back on.

1.	Read all instructions before using the product. Save all safety instructions.
2.	Do not operate the pressure washer when fatigued or under the influence of alcohol or drugs.
3.	Risk of injection or injury – do not direct the high pressure water stream at any people or animals.
4.	Do not allow children to operate the pressure washer at any time.
5.	To reduce the risk of injury, close supervision is necessary when the pressure washer is used near children.
6.	Know how to stop the unit and reduce pressure immediately. Be completely familiar with the controls.
7.	Stay alert – always be aware of where you are directing the high pressure spray.
8.	Keep cleaning area clear of all people.
9.	Keep good footing and balance at all times – do not overreach or stand on an unstable support.
10.	The work area should have adequate drainage to reduce the possibility of a fall due to slippery surfaces.
11.	Follow the maintenance instructions specified in the manual.
12.	To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch plug with wet hands.
13.	Adequate information about the nozzle to be used, the danger of the kickback force and the sudden torque on the spray assembly when opening the trigger gun.
14.	It is recommended that the electric supply to this machine should include either a residual current device that will interrupt the supply if the leakage current to earth exceeds 30mA for 30ms or a device that will prove the earth circuit.
15.	WARNING: Do not use the machine within range of persons unless they wear protective clothing.
16.	WARNING: Risk of explosion – Do not spray flammable liquids.
17.	WARNING: High pressure hoses, fittings and couplings are important for the safety of the machine. Use only hoses, fittings and couplings recommended by the manufacturer.
18.	Water that has flowed through a backflow preventer is considered non-potable.

GENERAL SAFETY PRECAUTIONS

1.	Intended for outdoor and household use only.
2.	High-pressure hose can develop leaks from wear, abuse, kinking etc. Do not use a damaged hose.
3.	Do not use the pressure washer in areas near combustible materials, combustible fumes, or dust.
4.	Some chemicals or detergents may be harmful if inhaled or ingested causing severe injury. Use a respirator or mask whenever there is a chance that vapors may be inhaled. Read all instructions included with the mask so you are certain the mask will provide the necessary protection against inhaling harmful vapors.
5.	Before starting the pressure washer in cold weather, check all of the parts of the equipment and be sure that ice has not formed. Do not store the unit anywhere that the temperature will fall below 0°C (32°F).
6.	DO NOT MAKE ANY MODIFICATIONS TO ANY OF THE COMPONENTS! Units with broken or missing parts, or without the protective housing or covers should NEVER be operated.
7.	Keep the high-pressure hose connected to the pressure washer and the spray gun while the system is pressurized. Disconnecting the hose while the unit is pressurized is dangerous, and may cause injury.
8.	Always turn off the power disconnecter when the machine is left unattended.
9.	Keep water spray away from electrical wiring or fatal electric shock may result.
10.	Must be connected to the water supply before use, then open gun trigger and open the washer switch.
11.	After the machine long-stalled again before use, please dial the few motor power is in the state of the impeller, and then start the machine according to operation instruction.

SYMBOLS

The labels on your tools and manual may show symbols. These represent important information about the product or instruction on its use.



Indicates a potential personal injury hazard.



In accordance with European directives applicable to this product.



Double-insulated construction.



Do not expose to rain or use in damp locations.



To reduce the risk of injury, user must read and understand owner's manual before using this product.



Always wear safety goggles or safety glasses with side shields and, as necessary, a full face shield when operating this product.



Use a respirator or mask whenever there is a chance that vapors may be inhaled.



To reduce the risk of injection or injury, never direct a water stream towards people or pets or place any body part in the stream. Leaking hoses and fittings are also capable of causing injection injury. Do not hold hoses or fittings.



To reduce the risk of injury from kickback, hold the spray lance securely with both hands when the machine is on.



Failure to use in dry conditions and to observe safe practices can result in electric shock.



WARNING! Never point the gun to human, animals, the machine body, power supply or any electric appliances.



Machine not intended to be connected to the potable water mains.



Waste electrical products should not be disposed of with household waste, please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.

SERVICING OF A DOUBLE-INSULATED APPLIANCE

In a double-insulated product, two systems of insulation are provided instead of grounding. No means of grounding is provided on a double-insulated product, nor should a means for grounding be added to the product. Servicing a double-insulated product requires extreme care and knowledge of the system, and should be done only by qualified service personnel. Replacement parts for a double-insulated product must be identical to the parts they replace. A double-insulated product is marked with the words "DOUBLE INSULATION" or "DOUBLE INSULATED". This symbol  may also be marked on the product.

USE OF EXTENSION CORDS

Use of an extension cord with this product is NOT RECOMMENDED. If you must use an extension cord, use only extension cords that are intended for outdoor use. These cords are identified by a marking "ACCEPTABLE FOR USE WITH OUTDOOR APPLIANCES, STORE INDOORS WHILE NOT IN USE." Use only extension cords having an electrical rating not less than the rating of the product. Examine extension cord before use. DO NOT USE DAMAGED EXTENSION CORDS! Do not pull on cord to disconnect from receptacle, always disconnect by pulling on plug. Keep cord away from heat and sharp edges. Always disconnect the extension cord from the receptacle before disconnecting the product from the extension cord.

WARNING: To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch the plug with wet hands.

PROPER USE OF THE PRESSURE WASHER

***THIS UNIT IS INTENDED FOR USE WITH COLD WATER ONLY!
DO NOT USE HOT WATER IN THIS PRESSURE WASHER.***

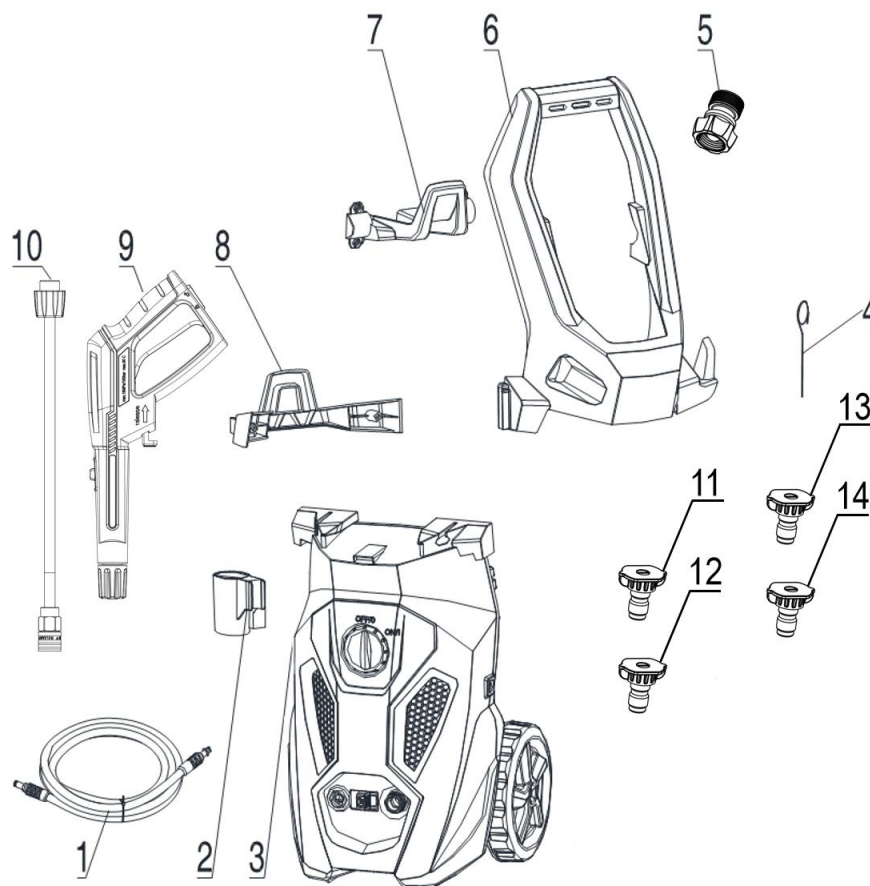
1.	Operate the pressure washer at no more than the fluid pressure rated for the pressure washer. Never run the pressure washer without a water supply. Running the unit without a water supply will cause irreparable damage to the unit.
2.	Make sure that the water supply you use for the pressure washer is not dirty, sandy, and does not hold any corrosive chemical products. Using a dirty water supply will shorten the service life of the pressure washer.
3.	CAUTION - The pressure washer can be used for a variety of applications including washing cars, boats, patios, decks, garages etc. where high pressure is necessary to remove dirt and debris. High-pressure water flow can damage the work surface if not used properly! See the section titled "Operating Instructions" for more details. Always test the spray in an open area first.
4.	NEVER move the unit by pulling on the high pressure hose. Use the handle provided on the top of the unit.
5.	Always hold the high pressure gun and wand with two hands. Keep one hand on the gun/trigger, while supporting the wand with the other hand (see diagram).
6.	When dispensing detergent, the pressure washer applies detergent to the cleaning area at low pressure only. Once the detergent has been applied, spray the detergent off of the work area by using the spray lance.

ASSEMBLY INSTRUCTIONS

Unpacking the Carton

After opening the carton, please remove all parts and check them against the following list of components that are included:

- | | | |
|----------------------------|--------------------------|----------------------|
| 1. High pressure hose | 2. Gun holder | 3. Power washer unit |
| 4. Cleaning pin | 5. Garden hose connector | 6. Handle |
| 7. High pressure hose hook | 8. Accessories holder | 9. Gun |
| 10. Spray lance | 11. 15° nozzle | 12. 25° nozzle |
| 13. 40° nozzle | 14. Soap nozzle | |



Due to transportation and packaging, some of the accessories may be supplied disassembled. Please follow the assembly instructions.

The machine is always with handle to transport.

TECHNICAL DATA

Model	THA-0354	THA-0358
Rated voltage	AC120~60Hz	
Rated current	13A	
Rated pressure	1900PSI	
Max. pressure	2465PSI	
Rated flow	1.4GPM	
Max.flow	1.76GPM	
Max. water inlet temperature	50°C	
Gross weight	24.20LBS	

GUARANTEE

Refer to the enclosed guarantee conditions for the terms and conditions of guarantee.

ENVIRONMENT

Should your machine need replacement after extended use, do not put it in the domestic waste but dispose of it in an environmentally safe way.

TROUBLE SHOOTING TIPS

WHEN THE SWITCH IS IN THE “I” POSITION THE MACHINE WILL NOT START

PROBABLE CAUSE

Electrical socket is faulty
Voltage is inadequate
Power cord is not plugged in

SOLUTION

Check plug, socket, fuses
Check whether the voltage is adequate
Plug in power cord

THE PUMP DOES NOT REACH ADEQUATE PRESSURE OR FLUCTUATES

PROBABLE CAUSE

Water inlet filter is clogged
Pump is drawing air
Suction valves are clogged/worn
Diameter of garden hose too small
Water supply is restricted
Insufficient water supply

SOLUTION

Remove and clean filter
Tighten connections/bleed system
Clean or replace valves
Replace with ¾ inch garden hose
Check hose for kinks or leaks
Fully open water source

THE PRESSURE WASHER HAS OR WILL NOT MAINTAIN PRESSURE

PROBABLE CAUSE

Excessive air in waterline and pump

SOLUTION

Turn unit and water supply off/
Bleed system/Hold trigger down

THE PRESSURE WASHER MAKES EXCESSIVE NOISE

PROBABLE CAUSE

Intake is blocked
Valves are worn, dirty, or clogged
Filter is dirty

SOLUTION

Check the intake valves
Check, clean or replace valves
Check, clean, or replace filter

THE MOTOR STOPS RUNNING WHILE IN USE

PROBABLE CAUSE

Net voltage lower than suggested

SOLUTION

Check whether the voltage is adequate