

STIHL RE 100.0 PLUS CONTROL

Instruction Manual
Manual de instrucciones



WARNING

Read Instruction Manual thoroughly before use and follow all safety precautions – improper use can cause serious or fatal injury.

ADVERTENCIA

Antes de usar la máquina lea y siga todas las precauciones de seguridad dadas en el manual de instrucciones – el uso incorrecto puede causar lesiones graves o mortales.



Instruction Manual

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1 Introduction

Thank you for your purchase. The information contained in this manual will help you receive maximum performance and satisfaction from your STIHL pressure washer and, if followed, reduce the risk of injury from its use.

SAVE THIS MANUAL!



Because the pressure washer is electrically powered and produces a strong water jet, special safety precautions must be observed to reduce the risk of personal injury.



Read this instruction manual thoroughly before use and periodically thereafter. Follow all safety precautions. Careless or improper use of the pressure washer can cause serious or fatal injury.

Do not lend or rent your pressure washer without this instruction manual. Allow only persons who fully understand the information in this manual to operate the pressure washer.

For further information, or if you do not understand any of the instructions in this manual, please go to www.stihlusa.com or contact your authorized STIHL servicing dealer.

2 Guide to Using this Manual

2.1 Signal Words

This manual contains safety information that requires your special attention. Such information is introduced with the following symbols and signal words:



DANGER

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

NOTICE

Indicates a risk of property damage, including damage to the machine or its individual components.

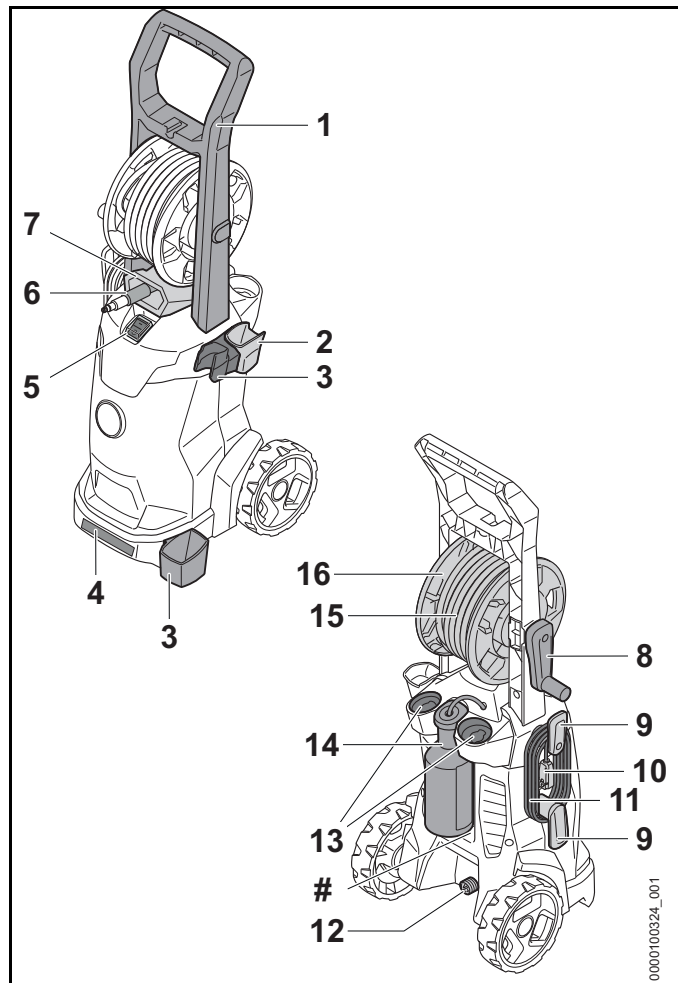
2.2 Symbols in Text

The following symbol is included to assist you with the use of the manual:

 Refers to a designated chapter or sub-chapter in this instruction manual.

3 Main Parts

3.1 Pressure Washer

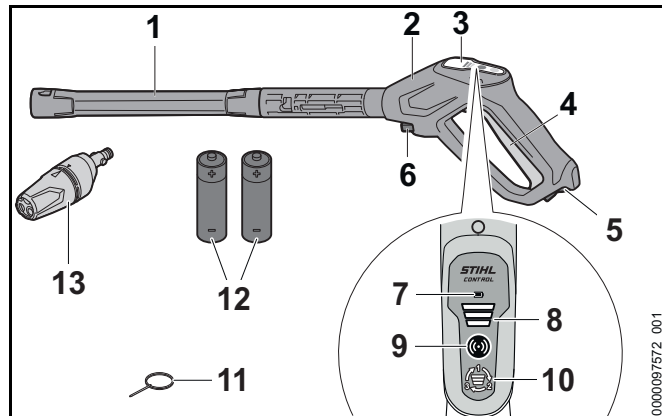


- 1 Pushbar**
For transporting the pressure washer.

- 2 Holder for Spray Gun**
For storing the spray gun.
- 3 Holder for Spray Attachment**
For storing the spray gun and spray lance.
- 4 Carrying Handle**
For lifting and transporting the pressure washer.
- 5 Power Switch**
Switches the motor on and off.
- 6 Coupling**
For connecting the high-pressure hose to the spray gun.
- 7 Guide Bar**
Guides the high-pressure hose onto the hose reel.
- 8 Crank Handle**
For turning the hose reel.
- 9 Brackets for Power Supply Cord**
For storing the power supply cord.
- 10 Plug with GFCI**
Connects the power supply cord to an electrical outlet. The integrated GFCI is designed to reduce the risk of electric shock.
- 11 Power Supply Cord**
Supplies the pressure washer with electricity when connected to an electrical outlet (power supply).
- 12 Connector for Water Inlet**
For connecting the water hose to the high-pressure pump.
- 13 Storage Compartment**
For storing the nozzles.
- 14 Holder for Detergent Spray Set**
For storing the detergent spray set.
- 15 High-pressure Hose**
Carries the water from the high-pressure pump to the spray gun.
- 16 Hose Reel**
For rolling up the high-pressure hose.

Rating Plate

Contains electrical information and the product's serial number.

3.2 Spray Attachment**1 Spray Lance**

Directs the water from the spray gun to the spray nozzle.

2 Spray Gun

For controlling and directing the water jet.

3 Control Panel

The control panel is used to set the working pressure.

4 Spray Gun Trigger

Opens and closes the valve in the spray gun.

5 Retaining Latch

Locks/unlocks the spray gun trigger.

6 Coupling for High-Pressure Hose

For connecting the high-pressure hose to the spray gun.

7 Battery Indicator LED

The LED indicates the battery charge level.

8 Power Level LED

The LEDs indicate the selected power level of the working pressure.

9 Activation Key

The activation key switches the control panel on and indicates the status via the LED.

10 Pushbutton

The pushbutton is used to set the working pressure.

11 Cleaning Needle

For removing dirt and debris from the spray nozzles.

12 AAA Batteries

Two AAA batteries power the spray gun.

13 3-in-1 Nozzle

The 3-in-1 nozzle consists of a fan-jet nozzle, a rotary nozzle and a detergent nozzle to which cleaning agent can be added.

4 Safety Symbols on the Product**4.1 Pressure Washer**

The following safety symbols are found on the pressure washer:



To reduce the risk of injury, follow the specified safety precautions.



Read and follow all safety precautions in the instruction manual. Improper use can lead to serious or fatal personal injury or property damage.



To reduce the risk of eye injury, always wear proper eye protection. 5.4.



To reduce the risk of cut injuries, keep hands, feet and other body parts away from the water jet, 5.9.4.



To reduce the risk of serious or fatal injury to the operator or bystanders, never direct the high-pressure jet toward the operator, bystanders or animals, not even to clean clothing or shoes, 5.9.4.



To reduce the risk of short-circuiting, fire and electrocution, never spray near power sources. Do not rely on the pressure washer's insulation against electric shock, 5.9.4.



To reduce the risk of short-circuiting, fire and electrocution, never direct the spray at electrical appliances and equipment, sockets or power cords, 5.9.4.



To reduce the risk of injury or property damage, immediately disconnect the pressure washer from the power supply if the power supply cord is damaged, 12.



To reduce the risk of fire/explosion resulting in serious or fatal injury or property damage, never spray flammable or combustible liquids, 5.9.4.



To reduce the risk of damage to the pressure washer, do not allow the pressure washer to be used or stored in freezing temperatures. Store the pressure washer indoors in a dry, secure place that cannot be accessed by children or other unauthorized users, 6.

5 IMPORTANT SAFETY INSTRUCTIONS

5.1 General Safety Warnings and Instructions

This section contains the prescribed general safety warnings and instructions for electric high-pressure cleaners / pressure washers. Additional important warnings and instructions are provided in subsequent sections of this manual.

⚠ WARNING

When using electric pressure washers, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury, including the following:

- 1) Read all the instructions before using the product.
- 2) To reduce the risk of injury, close supervision is necessary when a product is used near children.
- 3) Know how to stop the product and bleed pressures quickly. Be thoroughly familiar with the controls.
- 4) Stay alert – watch what you are doing.
- 5) Do not operate the product when fatigued or under the influence of alcohol or drugs.
- 6) Keep operating area clear of all persons.
- 7) Do not overreach or stand on unstable support. Keep good footing and balance at all times.
- 8) Follow the maintenance instructions specified in the manual.
- 9) This product is provided with a Ground Fault Circuit Interrupter built into the power cord or plug. If replacement of the Ground Fault Circuit Interrupter or cord is needed, use only identical replacement parts.
- 10) WARNING – Risk of eye injury. Spray can splash back or propel objects. Always wear properly rated eye protection such as safety goggles or face shield while spraying. (Safety glasses do not provide full protection.)

GROUNDING INSTRUCTIONS

⚠ WARNING

- This product must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment grounding conductor and a ground pin. The plug must be plugged into an appropriate electrical outlet that is properly installed and grounded in accordance with all local codes and ordinances.

- Improper connection of the equipment-grounding conductor can result in a risk of electrocution. Check with a qualified electrician or service personnel if you are in doubt as to whether the electrical outlet is properly grounded. Do not modify the plug provided with the product – if it will not fit the outlet, have a proper outlet installed by a qualified electrician. Do not use any type of adapter with this product.

GROUND FAULT CIRCUIT INTERRUPTER PROTECTION

WARNING

- This pressure washer is provided with a "ground fault circuit interrupter" (GFCI) built into the plug or the power-supply cord. This device provides additional protection from the risk of electric shock. Should replacement of the ground-fault circuit-interrupter or cord become necessary, use only identical replacement parts.

EXTENSION CORDS

WARNING

- Risk of electrocution. Use of an extension cord could cause electric shock or burn, resulting in death or serious injury.
- Do not use an extension cord with this electric pressure washer. Your electrical circuit receptacle or extension cord may not provide lifesaving protection with a ground fault circuit interrupter.
- This pressure washer is equipped with a "ground fault circuit interrupter" (GFCI) built into the power supply cord. Do not use an extension cord with this electric pressure washer.

INDIVIDUAL BRANCH CIRCUIT

WARNING

- Connect to Individual Branch Circuit Only. An individual branch circuit is an electric circuit designed for powering a single electric device. Running several devices on one electrical circuit may lead to an overload and cause the circuit breaker or fuse to trip.

ADDITIONAL SAFETY INFORMATION

WARNING

- Read and follow all safety precautions on labels and in instruction manual. Failure to follow these instructions can cause serious or fatal injury.
- Spray jet can splash back and propel objects at high speed. To reduce the risk of eye injury, always wear goggles that are impact-rated and comply with ANSI Z87 "+". Goggles must also be rated for protection against droplet/splash hazards according to ANSI Z87.1.
- Keep bystanders and animals out of the work area.
- Always wear hearing protection.
- See rating plate for maximum discharge pressure and maximum discharge temperature – use only high pressure hoses and accessories rated for these amounts or above. Use only genuine STIHL replacement parts.
- Spray gun produces strong recoil (kickback) opposite to direction of spray. Hold firmly with both hands to reduce the risk of injury from loss of control.
- Because of high pressure and water velocity, spray jet is very powerful. To reduce risk of severe lacerations and injection of fluids below the skin, never direct spray jet towards self, other persons or animals. Keep clear of nozzle while machine is operating. Make sure spray jet does not damage object being cleaned.
- To reduce risk of fire and explosion, never spray flammable liquids.

- To reduce risk of serious or fatal injury from electric shock, never use pressure washer if its power cord is cut, cracked, worn or damaged. Immediately disconnect a damaged cord.
- To reduce risk of electrocution and fire, never direct spray jet towards the machine itself, other electrical appliances or equipment, sockets or power cords. Never spray near power source.
- Protect against frost.
- Store indoors.
- If connection is made to a potable water system, the system must be protected against backflow.

RISK OF ELECTROCUTION

WARNING

- Inspect cord before using – do not use if cord is damaged.
- Keep all connections dry and off the ground.
- Do not touch plug with wet hands.
- Double insulated – when servicing use only identical replacement parts.
- This product is provided with a ground fault circuit interrupter built into the cord plug. If replacement of the plug or cord is needed, use only identical replacement parts.
- Do not use an extension cord.
- Read instruction manual before using.

5.2 Intended Use

WARNING

- This pressure washer is designed for cleaning jobs around the home and garden, cleaning garden furniture, walkways, patios, vehicles, trailers and other similar applications.

- Use your pressure washer only for cleaning solid surfaces and other items that will not be damaged by water or the force of the spray jet.
- Use the pressure washer only as described in this manual. Do not use it for other purposes, since misuse may result in personal injury or property damage, including damage to the pressure washer.
 - Never attempt to modify or override the pressure washer's controls or safety devices in any way.
 - Never use a pressure washer that has been modified or altered from its original design.

5.3 Operator

WARNING

- Working with the pressure washer can be strenuous. The operator must be in good physical condition and mental health. To reduce the risk of personal injury from fatigue and loss of control:
 - Check with your doctor before using the pressure washer if you have any health condition that may be aggravated by strenuous work.
 - Do not operate the pressure washer while under the influence of any substance (drug, alcohol or medication, etc.) that might impair vision, balance, dexterity or judgment.
 - Be alert. Do not operate the pressure washer when you are tired. Take a break if you become tired.
 - Do not permit minors to use the pressure washer.
 - Bystanders, especially children, and animals should not be allowed in the area where the pressure washer is in use.
- According to STIHL's current knowledge, the electric motor of this pressure washer should not interfere with a pacemaker.
 - However, persons with a pacemaker or other implanted medical device should consult their physician and device manufacturer before operating this pressure washer.

5.4 Personal Protective Equipment

WARNING

- To reduce the risk of personal injury:
 - Always wear proper clothing and protective apparel, including proper eye protection.

- To reduce the risk of eye injury:



- Always wear goggles that are impact-rated and marked as complying with ANSI Z87 "+". Goggles must also be rated for protection against droplet/splash hazards according to ANSI Z87.1.

- Safety glasses do not provide full protection.

- Good footing is very important. To help maintain a secure footing and reduce the risk of injury while working:



- Wear sturdy boots with non-slip, rubber soles. Do not wear sandals, flip-flops, open-toed or similar footwear.

- To reduce the risk of electric shock:
 - Wear rubber-soled footwear that provides insulation when operating the pressure washer.
- Aqueous aerosols may form while working with a pressure washer. Inhalation of some aerosols can be hazardous. To determine the measures necessary to protect against aqueous aerosols, carry out a risk assessment before starting work. Depending on your risk assessment, class FFP2 or higher respirators may be necessary.

5.5 Pressure Washer

WARNING

- To reduce the risk of serious or fatal injury from electrocution or electric shock:
 - Position the pressure washer outside the wet work area.
 - Store the pressure washer indoors.

- Never use your pressure washer if the casing around the motor is cracked or damaged.

- To reduce the risk of personal injury to the operator and bystanders:

- Always switch off the pressure washer, relieve system pressure, lock the spray gun trigger and disconnect from the power supply before assembling, inspecting, cleaning, maintaining or servicing the pressure washer.

- Although certain unauthorized attachments may fit your STIHL pressure washer, their use may be extremely dangerous. Only attachments supplied by STIHL or expressly approved by STIHL for use with this specific model are recommended.

- Use only attachments supplied or expressly approved by STIHL.
- Never modify this pressure washer in any way.
- Never attempt to modify or override the pressure washer's controls or safety devices in any way.
- Never use a pressure washer that has been modified or altered from its original design.

- If the pressure washer is dropped or subjected to similar heavy impacts:

- Check that it is undamaged, in good condition and functioning properly before continuing work.
- Check that the controls and safety devices are working properly.
- Check that the power supply cord has not been damaged.
- Never work with a damaged or malfunctioning pressure washer. In case of doubt, have the pressure washer checked by your authorized STIHL servicing dealer.

- If the pressure washer is damaged, not working properly, has been left outdoors or exposed to rain, its components may no longer function properly and safety devices may be inoperative. To reduce the risk of personal injury and property damage:
 - Take the pressure washer to your authorized STIHL servicing dealer to be checked before further operation.
- Genuine STIHL replacement parts are specifically designed to match your pressure washer and meet safety and performance requirements. Use of parts that are not authorized or approved by STIHL may cause serious or fatal injury or property damage.
 - STIHL recommends that only identical STIHL replacement parts be used.

5.6 Power Supply Cord

WARNING

- Using a damaged power supply cord or plug may result in fire, electric shock and other personal injury or property damage. To reduce these risks:



- Check the pressure washer's power supply cord or plug regularly for damage. If it becomes damaged, disconnect the pressure washer from the power supply. Never use a damaged power supply cord or plug.
- Do not abrade, crush, jerk, or otherwise abuse or misuse the power supply cord. Protect it from heat, oil and sharp edges.
- If the power supply cord becomes damaged, have it replaced by an authorized STIHL servicing dealer before use. A damaged power supply cord must be replaced with an identical STIHL replacement part.
- Unplug the power supply cord when the pressure washer is not in use.
- Never yank or jerk the power supply cord to disconnect. To unplug, grasp the plug, not the power supply cord.

- Make sure the power supply cord is positioned and secured or marked so that it will not be stepped on, tripped over, come in contact with sharp objects, moving parts, or otherwise be subjected to damage or stress.
- Connect to individual branch circuit only. An individual branch circuit is an electric circuit designed for powering a single electric device. Running several devices on one electrical circuit may lead to an overload and cause the circuit breaker or fuse to trip.

- This pressure washer is equipped with an integrated Ground Fault Circuit Interrupter (GFCI). To reduce the risk of electric shock:

- Never plug the power supply into a power strip or extension cord.
 - The pressure washer must be connected to a properly grounded electrical outlet. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded.
 - Always test the built-in GFCI before using the pressure washer. Never work with a malfunctioning GFCI. For information on testing and resetting the GFCI, see chapter  10.
- This power tool has a polarized plug (one blade is wider than the other). This plug will fit in a polarized electrical outlet only one way. To reduce the risk of electric shock:
 - Do not change the plug in any way.
 - If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, use a different outlet or contact a qualified electrician to install the proper outlet.

5.7 Batteries

WARNING

- Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

- This pressure washer is designed for use with properly inserted AAA batteries only. Do not attempt to use other batteries or an electrical power supply.
- Use with unauthorized batteries can result in fire, explosion, or leakage of battery fluid.
- Ensure the cover on the control panel is closed securely.
 - If the control panel cover will not remain closed, remove the batteries and discontinue use. Properly dispose of the batteries.
- Risk of fire and explosion.
 - Never attempt to re-charge the batteries.
 - Never heat the batteries above 212 °F (100 °C) or place it in or near fires, stoves or other high-temperature locations.
 - Do not crush or expose to microwaves.
- High temperatures may cause the batteries to generate heat, rupture, leak, ignite or explode.
 - Use and store the batteries only within an ambient temperature range of -20 °F to 140 °F (-30 °C to 60 °C).
 - Never store the batteries inside a vehicle in hot weather.
- Risk of short circuit, which could lead to rupture, fire or explosion.
 - Keep the batteries dry.
 - Never bridge the terminals with wires or with paper clips, coins, keys, nails or other metallic objects that can make a connection from one terminal to another.
 - Never carry the batteries in your pocket.
- Leaking battery fluid can cause skin and eye irritation or chemical burns.
 - Never attempt to open or dis-assemble the batteries. In the event of leakage, avoid contact with skin and eyes.
 - Clean up spilled fluid with an inert absorbent such as sand or an absorbent cloth.
- Avoid skin and eye contact with battery fluid. Avoid vapor generated from leaking or burning batteries.
 - Rinse affected skin thoroughly with mild soap and water.
 - Flush eyes with clean water for 15 minutes without rubbing.
 - Seek medical attention.
- Handle discharged/depleted batteries carefully.
 - Keep away from children.
 - Properly dispose of batteries immediately at the end of their useful life. Never dispose of batteries with household waste.
 - Observe all federal, state and local disposal rules and regulations.

5.8 Connecting the Water Supply

WARNING

- When the spray gun trigger is released, fluid recoil may push non-potable water back into the potable water system.



- Do not connect the pressure washer directly to a potable water system.
- If hooking up the pressure washer to a potable water system, a backflow preventer must be installed between the water tap and the hose. The design of the backflow preventer must comply with all applicable water management codes and regulations in your area.

- If potable water has passed through the backflow preventer, it can no longer be regarded as potable water. To prevent contamination of potable water:
 - Follow the rules issued by the local water authority to prevent water flowing back from the pressure washer into the drinking water main.
 - Do not use the pressure washer with dirty water (i.e., water that contains sand, dirt or other particulate matter). If there is a risk that the water supply is dirty, use an appropriate water filter or find an alternative water source.

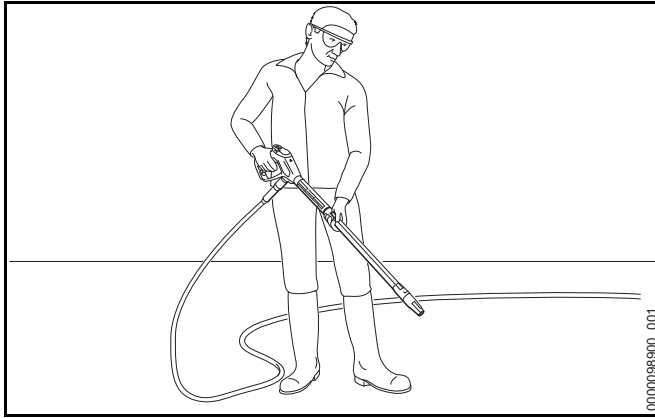
5.9 Using the Pressure Washer

5.9.1 Before Operation

WARNING

- Misuse or unauthorized use may result in personal injury and property damage.
 - Use the pressure washer only as described in this instruction manual.
- Using a pressure washer that is modified, damaged, improperly adjusted or maintained, or not completely and securely assembled can lead to a malfunction and increase the risk of serious personal injury or death.
 - Never operate a pressure washer that is modified, damaged, improperly maintained or not completely and securely assembled.
 - Always check your pressure washer for proper condition and operation before starting work, particularly the spray gun trigger and retaining latch.
 - Ensure that the spray gun trigger and retaining latch move freely. The spray gun trigger must not engage until the retaining latch is moved to the unlocked position.
 - Never attempt to modify or override the controls or safety devices in any way.
- If your pressure washer or any part is damaged or does not function properly, take it to your authorized STIHL servicing dealer. Do not use the pressure washer until the problem has been corrected.
- Before connecting the pressure washer to the power supply:
 - Read and follow the instructions on switching on the pressure washer,  11.1.
 - Ensure that the high-pressure hose is in good condition and not frayed, cracked, deformed or damaged in any way. Never operate the machine with a damaged or worn high-pressure hose.
- To help reduce the risk of serious personal injury or death from unintentional starting:
 - Never carry the pressure washer with your finger on the spray gun trigger.
 - Switch off the pressure washer, relieve system pressure, lock the spray gun trigger and disconnect from the power supply before assembling, inspecting, cleaning, maintaining or servicing the pressure washer.
 - Always switch off the pressure washer, relieve system pressure and lock the spray gun trigger before attempting to remove the high pressure hose or spray lance from the spray gun.
 - Always switch off the pressure washer, relieve system pressure and lock the spray gun trigger before attempting to adjust or change a spray nozzle or other accessory.
 - Never leave the pressure washer unattended when it is connected to the power supply.

5.9.2 Holding and Controlling the Pressure Washer



⚠ WARNING

- To maintain a firm grip and properly control your pressure washer:
 - Keep the spray attachment clean at all times. Keep it free of pitch, oil, grease and resin.
- To reduce the risk of serious or fatal injuries to the operator or bystanders from loss of control:
 - Always hold the spray attachment firmly with both hands when you are working.
 - Wrap your fingers tightly around the spray gun and spray lance.
 - Position the spray attachment in such a way that all parts of your body are clear of the water jet.
 - Position the power supply cord so that it will not be damaged while working with the pressure washer.
 - Always keep the power supply cord behind the operator and away from the water jet. Don't let the power supply cord become entangled with obstacles or objects.
- Operating the pressure washer with one hand is extremely dangerous. One-handed operation makes it difficult to oppose and absorb reactive forces (recoil) without losing

control of the pressure washer. To reduce the risk of serious or fatal injury to the operator or bystanders from loss of control:

- Never attempt to operate the pressure washer with one hand.
- Because of the high pressure and spray velocity, fluids can penetrate the skin and cause fluid injection and/or severe injury. To reduce the risk of serious or fatal injuries to the operator or bystanders from loss of control, keep proper footing and balance at all times:
 - Take special care in overgrown or wet terrain and always watch for hidden obstacles such as tree stumps, roots, rocks, holes and ditches to avoid stumbling or falling.
 - Know where the power supply cord and water hoses are at all times to avoid tripping or stumbling.
 - Be extremely cautious when working on slopes or uneven ground.
- To reduce the risk of injury from loss of control:
 - Never work on a ladder, roof, in a tree or while standing on any other insecure support.
 - Never operate the pressure washer above shoulder height.
 - Do not overreach. Keep proper footing and balance at all times.

5.9.3 Working Conditions

⚠ WARNING

- Operate your pressure washer only under good visibility during favorable daylight conditions.
 - Postpone the work if the weather is windy, foggy, rainy or inclement.
- Your pressure washer is a one-person machine.
 - Do not allow other persons in the general work area.
 - Bystanders, especially children, and animals should not be allowed in the area where it is in use.

- Switch off the motor immediately if you are approached.
- To reduce the risk of injury to bystanders and unauthorized users:
 - Never leave the pressure washer unattended when it is connected to the power supply.
 - Switch off the pressure washer and disconnect from the power supply during work breaks and any other time the pressure washer is not in use.
- Sparks generated from the operation of the pressure washer may be capable of igniting combustible gases, liquids, vapors, dusts or other combustible materials and substances. To reduce the risk of fire and explosion:
 - Never operate the pressure washer in a location where combustible gases, liquids, vapors, dusts or other combustible materials and substances are present.
 - Read and follow recommendations issued by government authorities (e.g., OSHA) for identifying and avoiding the hazards of combustible gases, liquids, vapors, dusts or other combustible materials and substances.
- Spraying certain materials with the water jet may produce dust or a mist containing particulate matter capable of causing respiratory disease, cancer, birth defects and other serious harm.
 - Never spray any surface containing lead paint.
 - Never spray asbestos-containing materials such as asbestos cement or asbestos siding. Hazardous, breathable asbestos fibers may be released in addition to the dirt.
 - Consult governmental agencies such as EPA, OSHA, CARB and NIOSH and other authoritative sources on hazardous materials if you are unfamiliar with the risks associated with the particular substances you are spraying.
- Inhalation of certain dusts, especially organic dusts such as mold or pollen, can cause susceptible persons to have an allergic or asthmatic reaction. Substantial or repeated

inhalation of dust or other airborne contaminants, especially those with a smaller particle size, may cause respiratory or other illnesses.

- Control dust and mists at the source where possible.
- To the extent possible, operate the pressure washer so that the wind or operating process directs any dust, mist or other particulate matter raised by the pressure washer away from the operator.
- When respirable dust or other particulate matter cannot be kept at or near background levels, always wear a respirator that is approved by NIOSH and rated for worksite-specific conditions. Follow the recommendations of governmental authorities (e.g., OSHA/NIOSH and occupational and trade associations).
- Breathing asbestos dust is dangerous and can cause severe or fatal injury, respiratory illness or cancer, including mesothelioma. The use and disposal of asbestos-containing products is strictly regulated by OSHA and EPA.
 - Stop work immediately and contact the relevant state and local authorities and/or EPA, your employer or local OSHA representative if you have reason to believe that you might be disturbing asbestos.

5.9.4 Operating Instructions

WARNING

- In the event of an emergency:
 - Switch off the motor immediately and disconnect the pressure washer from the power supply.
- To reduce the risk of fire/explosion resulting in serious or fatal injury or property damage:



- Never spray flammable or combustible liquids.
- Never draw fluids into the pump that contain solvents or undiluted acids (e.g., gasoline, heating oil, paint thinner or acetone).

- Because of the high pressure and spray velocity, fluids can penetrate the skin and cause fluid injection and/or severe injury.



- Never direct the high-pressure jet toward yourself or other persons, not even to clean clothing or shoes.

- Do not direct the high-pressure jet toward animals.



- Keep hands, feet and other parts of your body away from the water jet at all times.

- Do not direct the high-pressure jet into places you cannot see.

- Switch off the pressure washer, relieve system pressure and lock the spray gun trigger before changing or adjusting any spray nozzle or accessory.

- If an accident does occur and the spray appears to have penetrated the skin, seek emergency medical care. Do not treat as a simple cut.

- To reduce the risk of property damage or serious personal injury:

- Start work at the greatest effective distance from the surface being cleaned. Do not move so close that the surface is damaged by the force of the spray.
- Be especially careful when spraying softer materials such as fabric.
- Use caution when directing spray toward fragile materials such as glass. It could shatter.

- This pressure washer was designed for use with water alone or with a detergent specifically designed and approved for use with pressure washers. Use of unsuitable detergents or cleaning agents can cause personal injury and damage the pressure washer and/or the surface being cleaned.

- Always use the detergent in the dosage specified in the detergent manufacturer's instructions for proper preparation and dilution, as well as safe use and disposal.

- Chemical detergents may contain harmful (toxic, caustic, irritant), flammable or explosive substances. They are potentially harmful and can cause skin and eye irritation, chemical burns and other serious personal injury.

- Avoid contact with skin and eyes.

- In the event of accidental contact, immediately rinse the contact area thoroughly with plenty of clean water.

- If fluid gets into your eye(s): Do not rub. Rinse water over the open eye(s) for at least 15 minutes and seek medical attention.

- Running the pressure washer without water will cause the pump to overheat, which may result in permanent damage.

- Always connect and turn on the water supply to the pump before starting the motor.

- Do not operate the pressure washer without water.

WARNING

- To reduce the risk of short-circuiting, fire and electrocution:

- Never direct the high-pressure jet toward the pressure washer itself or any of its components.



- Never direct the spray at electrical appliances and equipment, sockets or power cords.



- Never spray near electrical outlets or other power sources.
- Never use your pressure washer if the casing around the motor is cracked or damaged.

6 Maintenance, Repair and Storage

6.1 Warnings and Instructions

WARNING

- There are no user-authorized repairs for the pressure washer. To reduce the risk of fire, electric shock or other personal injury and property damage:
 - Users may carry out only the cleaning and maintenance operations described in this manual.
 - Strictly follow the cleaning and maintenance instructions in the appropriate sections of this instruction manual.
 - STIHL recommends that all repair work be performed by authorized STIHL servicing dealers.
- Unintentional starting may result in personal injury or property damage. To reduce the risk of personal injury and property damage from unintentional starting:
 - Switch off the pressure washer, disconnect it from the power supply, turn off the water supply and squeeze the spray gun trigger until the pressure in the system has been fully released. Then, lock the spray gun trigger before inspecting the pressure

washer or carrying out any cleaning, maintenance or repair work, before storing, and any other time it is not in use.

- Use of parts that are not authorized or approved by STIHL may cause serious or fatal injury or property damage.
 - STIHL recommends that only identical STIHL replacement parts be used for repair or maintenance.
 - If using a replacement or accessory high-pressure hose, ensure that it is rated for the maximum PSI of the pressure washer.
 - If using a replacement spray gun or lance, or any other spray accessory, ensure that it is rated for the maximum PSI of the pressure washer.
- To reduce the risk of electric shock:
 - Ensure that the insulation of the power supply cord and plug are in good condition and show no signs of aging (brittleness), wear or damage.
 - Never use your pressure washer if the casing around the motor is cracked or damaged.

MOVING AND STORAGE INSTRUCTIONS

WARNING

- Improper storage can result in unauthorized use, damage to the pressure washer and an increased risk of fire, electric shock and other personal injury or property damage.
 - Disconnect the pressure washer from the power supply before storing.
 - Never store the pressure washer with the plug of the power supply cord connected to an electrical outlet.
 - Store the pressure washer indoors in a dry, secure place that cannot be accessed by children or other unauthorized users.



- Drain the detergent spray set or secure it so that it cannot topple over or spill.



- Do not allow the unit to be used or stored in freezing temperatures.
- If the pressure washer must be transported or stored in freezing conditions, the pump must be filled with antifreeze to prevent cracking due to water expansion, 13.2.

SAVE THESE INSTRUCTIONS!

7 Before Starting Work

7.1 Preparing the Pressure Washer for Operation

Before starting work:

- ▶ Place the pressure washer on flat and firm ground or other solid surface in an open area.
- ▶ Connect the spray gun and lance, 8.4.1.
- ▶ Insert the spray nozzle, 8.5.1.
- ▶ If desired, add detergent, 12.4.
- ▶ Connect the water supply, 9.1.
- ▶ Connect the power supply cord to a properly installed electrical outlet that matches the voltage and electrical frequency stated on the pressure washer's rating plate. Connect to an individual branch circuit only.
- ▶ Test the ground fault circuit interrupter (GFCI), 10.1

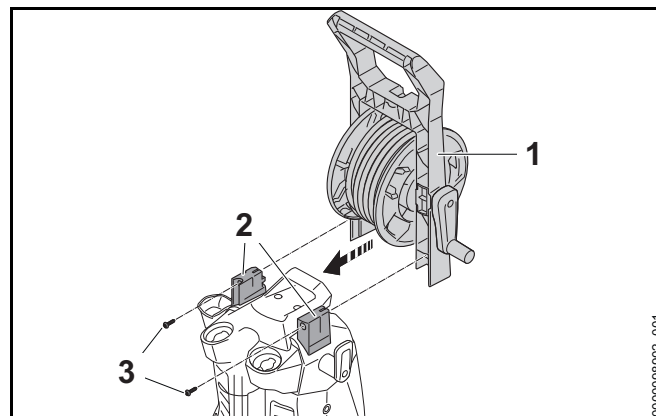
8 Assembling the Pressure Washer

8.1 Assembling Parts and Accessories

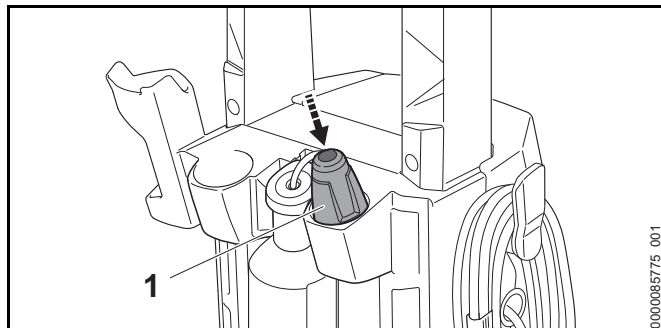
WARNING

To reduce the risk of severe injury from high-pressure spray, always switch off the pressure washer, shut off the water supply, relieve any remaining pressure in the system and lock the spray gun trigger before attempting to assemble the pressure washer or spray attachment.

Handle



- ▶ Push the pushbar (1) into the handle (2).
- ▶ Insert screws (3) into the handle and tighten.

Nozzle

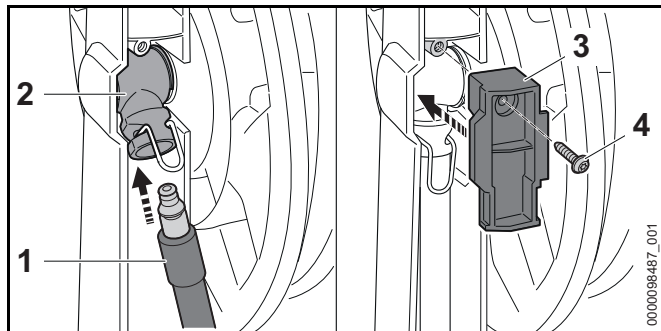
- Insert 3-in-1 nozzle (1).

8.2 Connecting the High-Pressure Hose**⚠ WARNING**

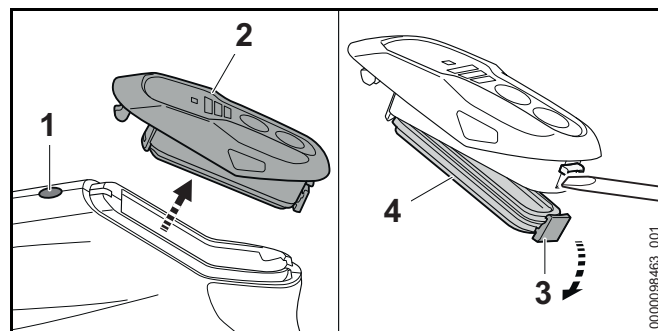
Before starting assembly, switch off the pressure washer, disconnect the unit from the power supply and ensure all pressure is released from the system to reduce the risk of injury from unintended spraying.

To connect the high-pressure hose:

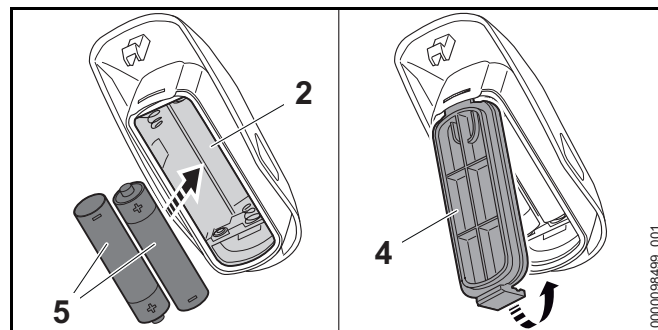
- Switch off the pressure washer, 11.2.
- Disconnect the pressure washer from the power supply.
- Shut off the water supply.
- Remove all sand and debris from the connections and couplings.



- Push the high-pressure hose (1) into the coupling (2).
- Fit the cover (3) so that it is flush with the housing. Cover the coupling with the cover.
- Insert screw (4) into the cover and tighten.
- If the high-pressure hose is difficult to push into the coupling, apply a food-safe fitting grease to the sealing surface on the high pressure hose.

8.3 Installing the Batteries

- Press the locking button (1).
- Remove control panel (2).
- Open the retaining latch (3).
- Remove the cover (4).



- Insert the batteries (5) into the control panel (2) according to the polarity- (+/-).
- Close cover (4).

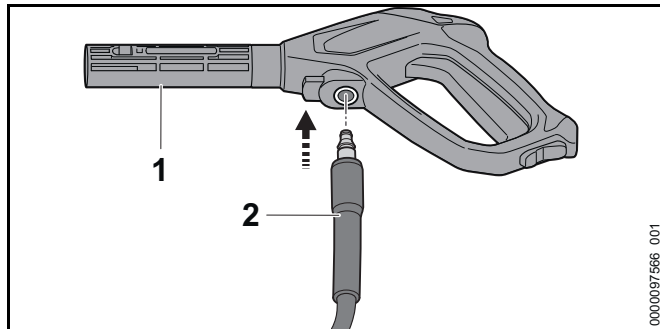
- ▶ Insert the control panel into the spray gun.
The control panel engages with an audible click.

8.4 Spray Gun and Lance

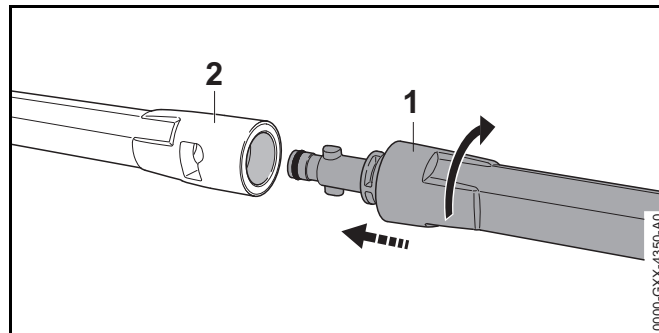
8.4.1 Connecting the Spray Gun and Lance

To connect the spray gun and lance:

- ▶ Switch off the pressure washer,  11.2.
- ▶ Disconnect the pressure washer from the power supply.
- ▶ Shut off the water supply.
- ▶ Lock the spray gun trigger.
- ▶ Remove all sand and debris from the connections and couplings.



- ▶ Push the high-pressure hose (2) into the spray gun (1).
- ▶ If the high-pressure hose is difficult to push into the spray gun, apply a food-safe fitting grease to the sealing surface on the high pressure hose.



- ▶ Attach the spray lance (1) to the spray gun (2).
- ▶ Push the spray lance as far as it will go into the spray gun.
- ▶ Once inserted, turn the spray lance clockwise until it engages.
- ▶ If the spray lance is difficult to insert into the spray gun, apply a food-safe fitting grease to the sealing surface on spray gun.

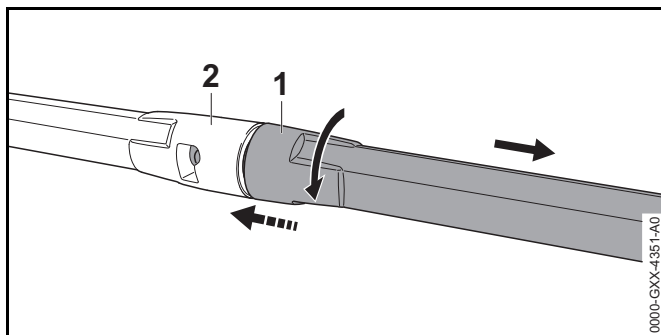
8.4.2 Removing the Spray Gun and Lance

WARNING

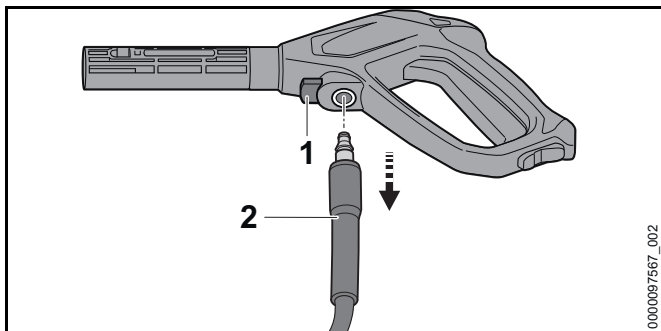
To reduce the risk of severe injury from high-pressure spray, always switch off the pressure washer, shut off the water supply, relieve any remaining pressure in the system and lock the spray gun trigger before attempting to remove or disassemble the spray gun or lance.

To remove the spray gun and lance:

- ▶ Switch off the pressure washer,  11.2.
- ▶ Disconnect the pressure washer from the power supply.
- ▶ Shut off the water supply.
- ▶ Pull the spray gun trigger to relieve pressure.
- ▶ Lock the spray gun trigger.



- ▶ Press the spray lance (1) against the spray gun (2) and pull out the spray lance.



- ▶ Press down and hold the locking lever (1).
- ▶ Pull out the high-pressure hose (2).

8.5 Inserting and Removing the Spray Nozzle

8.5.1 Inserting the 3-in-1 Nozzle

⚠ WARNING

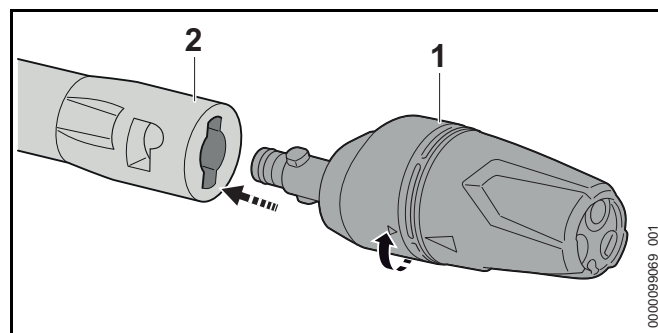
To reduce the risk of severe injury from unintended spraying, switch off the pressure washer, relieve system pressure and lock the spray gun trigger before attempting to adjust or change a spray nozzle or other accessory.

⚠ WARNING

If the nozzle is not secure, it can fly out of the spray lance during operation and cause injury. Confirm that the nozzle is fixed securely in the quick-connect coupling.

To insert the 3-in-1 nozzle:

- ▶ Switch off the pressure washer, 11.2.
- ▶ Pull the spray gun trigger to relieve pressure.
- ▶ Lock the spray gun trigger.
- ▶ Remove all sand and debris from the connections and couplings.



- ▶ Attach the 3-in-1 nozzle (1) to the spray lance (2).
- ▶ Push the 3-in-1 nozzle as far as it will go into the spray lance.
- ▶ Once inserted, turn the 3-in-1 nozzle clockwise until it engages.
- ▶ If the 3-in-1 nozzle is difficult to insert into the spray lance, apply a food-safe fitting grease to the sealing surface on spray lance.

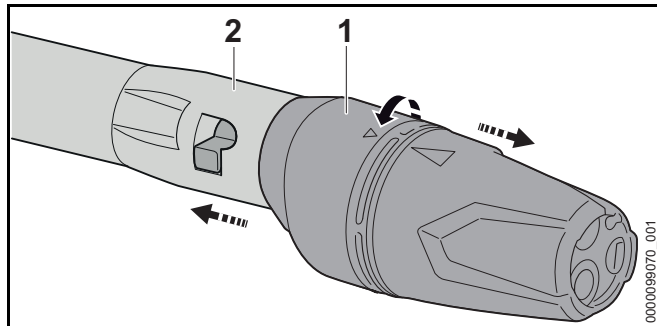
8.5.2 Removing the 3-in-1 Nozzle

⚠ WARNING

To reduce the risk of severe injury from unintended spraying, switch off the pressure washer, relieve system pressure and lock the spray gun trigger before attempting to adjust or change a spray nozzle or other accessory.

To remove the 3-in-1 nozzle:

- ▶ Switch off the pressure washer,  11.2.
- ▶ Pull the spray gun trigger to relieve pressure.
- ▶ Lock the spray gun trigger.



- ▶ Press the 3-in-1 nozzle (1) against the spray lance (2) and pull out the 3-in-1 nozzle(1).

9 Connecting the Water Supply

9.1 Connecting the Pressure Washer to the Mains Water Supply

WARNING

Make sure the pressure washer is switched off and disconnected from the power supply before connecting to or disconnecting from the mains water supply.

Connecting the Water Hose

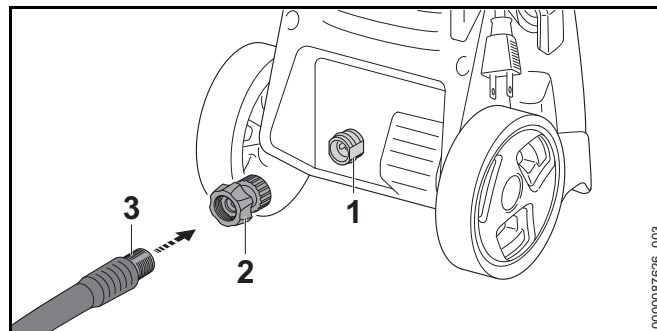
The water supply must meet the following requirements:

- Minimum length of water hose: 30 ft. (10 m)
- Maximum water inlet pressure: 145 psi (1 MPa / 10 bar)

To connect the pressure washer to the mains water supply:

- ▶ Switch off the pressure washer,  11.2.
- ▶ Disconnect the pressure washer from the power supply.

- ▶ Remove all sand and debris from the connections and couplings.
- ▶ Connect the water hose to the water supply.
- ▶ Fully open the tap to flush any sand or dirt from the hose.
- ▶ Shut off the water supply.



- ▶ Screw the coupling (2) onto the connector and tighten by hand.
- ▶ Connect the water hose (3).
- ▶ If the spray lance is attached to the spray gun: remove the spray lance.
- ▶ Turn on the water supply.
- ▶ Pull the spray gun trigger until a steady, even water jet is delivered from the spray gun.
- ▶ Switch off the pressure washer.
- ▶ Lock the spray gun trigger.
- ▶ Connect the spray lance.
- ▶ Insert the nozzle,  8.5.1.

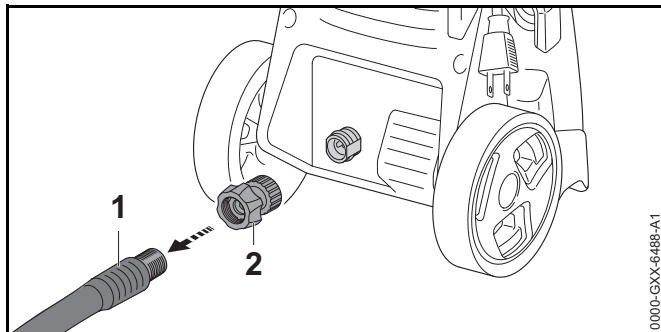
NOTICE

Running the pressure washer without water will cause the pump to overheat, which may result in permanent damage. Always connect and turn on the water supply to the pump before starting the motor. Do not operate the pressure washer without water.

Disconnecting the Water Hose

To disconnect the water hose:

- ▶ Switch off the pressure washer,  11.2.
- ▶ Disconnect the pressure washer from the power supply.
- ▶ Shut off the water supply.
- ▶ Pull the spray gun trigger to relieve pressure.
- ▶ Lock the spray gun trigger.



- ▶ Remove the water hose (1).
- ▶ Unscrew the coupling (2).

10 Ground Fault Circuit Interrupter (GFCI)

10.1 Testing the GFCI

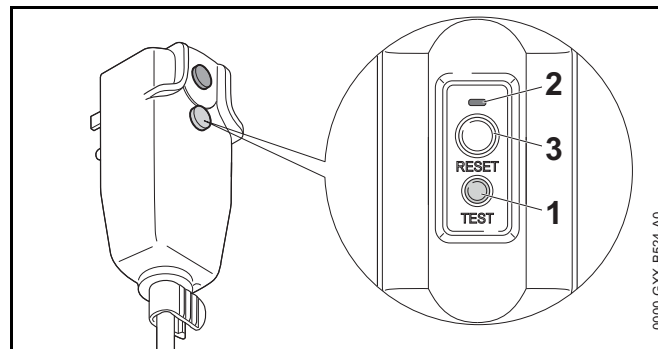
WARNING

To reduce the risk of electrocution, always test the GFCI each time you plug in your unit and before you start work. The pressure washer has an electrical protection mechanism. The GFCI is an important safety device that is intended to protect the operator and bystanders from the risk of electric shock or electrocution. It is designed to quickly and automatically disconnect a circuit when it detects that the electric current is not balanced.

A GFCI does not provide protection against unexpected or dangerously high current. Therefore it cannot replace a fuse or protect against overheating or fire risk due to over-current (overload) or short circuits if the fault does not lead to current leakage.

To test the GFCI:

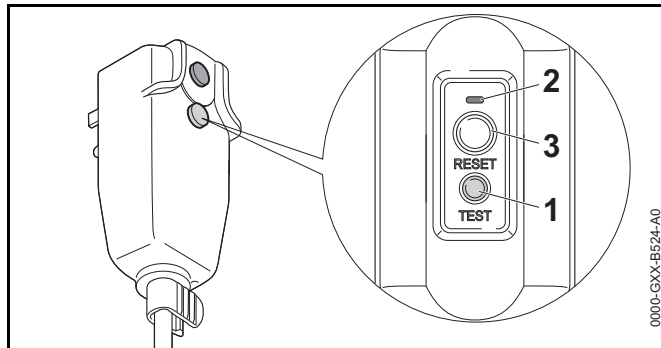
- ▶ Connect the power supply cord to a properly installed electrical outlet that matches the voltage and electrical frequency stated on the pressure washer's rating plate. A red indicator plate inside the window (2) will become visible.



- ▶ Depress the TEST button (1). The red indicator plate inside the window (2) should not be visible anymore.
- ▶ If the indicator plate remains visible after depressing the TEST button, the GFCI is not working. Disconnect the pressure washer from the power supply and have it inspected by an authorized STIHL servicing dealer before further use.
- ▶ Before starting work, always reset the GFCI as described in chapter  10.2.

10.2 Resetting the GFCI

To reset the GFCI:



- ▶ If depressing the TEST button has interrupted the current and the red indicator plate inside the window (2) is no longer visible, depress the RESET button (3). The indicator plate should become visible again.
- ▶ If the indicator plate is not visible after depressing the RESET button, the GFCI is not working. Disconnect the pressure washer from the power supply and have it inspected by an authorized STIHL servicing dealer before further use.

11 Switching the Pressure Washer On and Off

11.1 Switching On

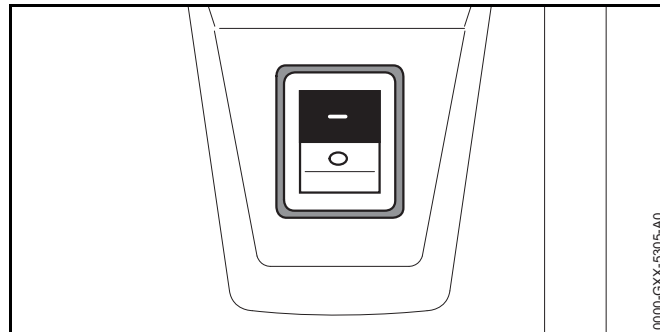
WARNING

Never operate your pressure washer if it is damaged, improperly adjusted or maintained, not completely and securely assembled or not functioning properly,  5.5. To reduce the risk of personal injury, always wear proper clothing and protective apparel, including proper eye protection, when operating your pressure washer,  5.4.

Before switching on:

- ▶ Make sure you have a secure and firm footing.
- ▶ Stand upright.
- ▶ Always hold and operate the pressure washer with one hand firmly on the spray gun and your other hand firmly on the spray lance. Always hold the pressure washer with two hands in this manner.

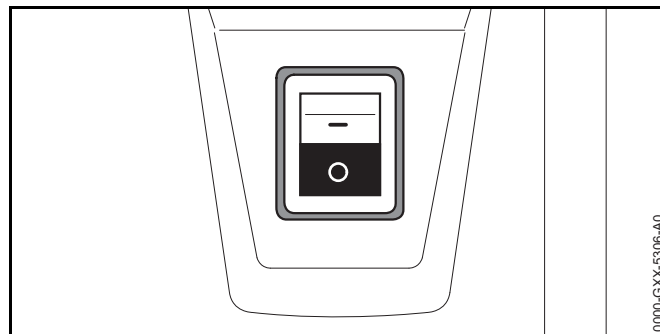
To switch the pressure washer on:



- ▶ Set the switch to the I position.

11.2 Switching Off

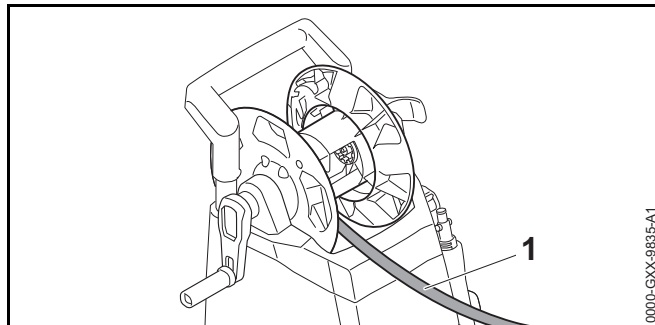
To switch the pressure washer off:



- ▶ Set the switch to the 0 position.

12 During Operation

12.1 Unrolling the High-Pressure Hose



- Completely unroll the high-pressure hose (1).

NOTICE

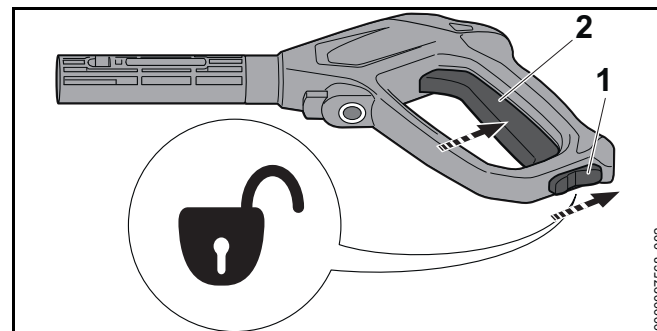
Remove the high-pressure hose from the hose reel before spraying. If the high-pressure hose is not completely unrolled from the hose reel, it may be damaged by high-pressure.

12.2 Activating and Locking the Spray Gun Trigger

The pressure washer is designed for two-handed operation.

Activating the spray gun trigger

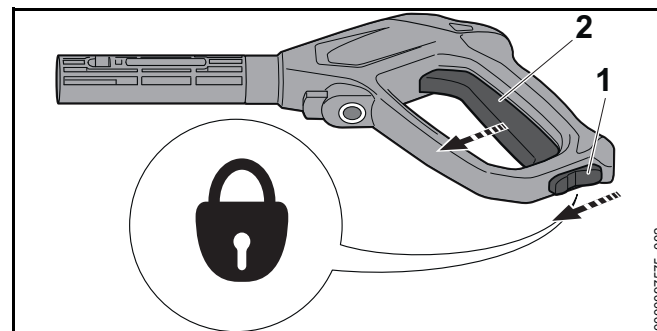
To pull the spray gun trigger:



- Slide the retaining latch (1) to the  position.
- Press and hold the spray gun trigger (2). The high-pressure pump starts up automatically and water flows out of the nozzle.

Locking the spray gun trigger

To lock the spray gun trigger:



- Release the spray gun trigger (2). The high-pressure pump switches off automatically when you release the spray gun trigger. Water stops flowing out of the nozzle but the pressure washer remains switched on.
- Slide the retaining latch (1) to the  position to lock the spray gun trigger.

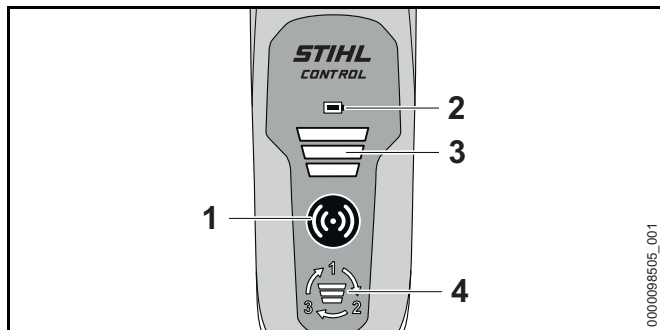
12.3 Setting the Working Pressure

Depending on the application, 3 power levels can be set. The Power Level LEDs indicate the selected power level. The higher the power level, the higher the working pressure.

Work can be carried out with high working pressure if stubborn dirt is to be removed.

Low working pressure can be used when removing dirt from sensitive surfaces.

- Switch on pressure washer.



- Press activation key (1).
The activation key, Battery Indicator LED (2) and the Power Level LED (3) light up green: The working pressure can be set.
- Press the button (4).
This selects the next power level. After the third performance level, it starts again with the first performance level.
- Press pushbutton repeatedly until the desired power level is set

The control panel switches off automatically 5 minutes after the pressure washer is switched off.

12.4 Adding Detergents

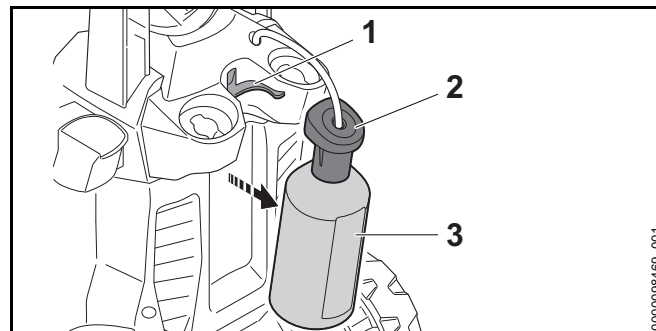
WARNING

Use of unsuitable detergents or cleaning agents can damage the pressure washer or surface being cleaned and may result in personal injury. Always read and follow the

detergent manufacturer's warnings and instructions regarding proper preparation, dilution, safe use and disposal.

Detergents can improve cleaning effectiveness.

STIHL recommends the use of genuine STIHL detergents.



- Remove the detergent bottle (3).
- Unscrew cover (2).
- Use detergent as described in the instructions for use.
- Screw the cover onto the detergent bottle and tighten it by hand.
- Insert the detergent bottle into the holder (1) on the pressure washer.
- Rotate 3-in-1 nozzle into position  and set the highest power level.

12.5 Cleaning

WARNING

To reduce the risk of personal injury, never work with the pressure washer in the rain,  5.5. Always wear proper clothing and protective apparel, including proper eye protection, when operating your pressure washer,  5.4. Keep bystanders away from the work area,  5.9.4. Work carefully and maintain proper control of the pressure washer,  5.9.2.

⚠ WARNING

To reduce the risk of fluid injection and/or severe injury, keep hands, feet and other parts of your body away from the water jet at all times and never direct the high-pressure jet toward yourself or other persons, not even to clean clothing or shoes,  5.9.4. Do not direct the high-pressure jet toward animals.

The 3-in-1 nozzle can be set according to the application:

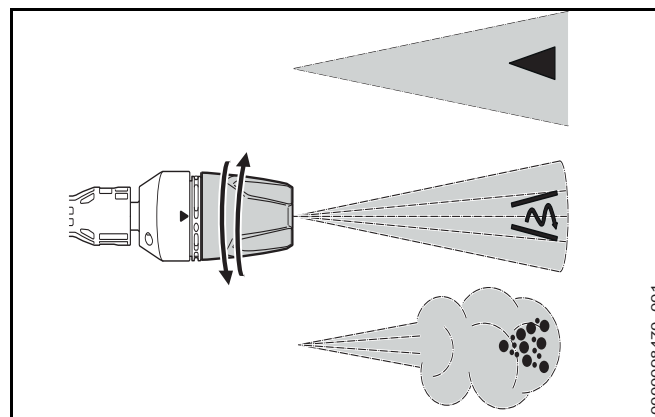
- The fan-jet nozzle  is suitable for cleaning light or moderate cleaning.
 - The rotary nozzle  is suitable for cleaning stubborn dirt on hard surfaces.
 - The detergent nozzle  is suitable for cleaning with detergent.
- ▶ If you want to remove stubborn dirt, reduce the distance between the nozzle and the surface.
 - ▶ If you want to remove dirt from painted, wooden or other potentially sensitive surfaces, increase the distance between the nozzle and the surface.

To adjust the 3-in-1 nozzle:

⚠ WARNING

To reduce the risk of injury from high-pressure spray, always switch off the pressure washer, relieve any remaining pressure in the system and lock the spray gun trigger before attempting to insert, adjust or remove the spray nozzle.

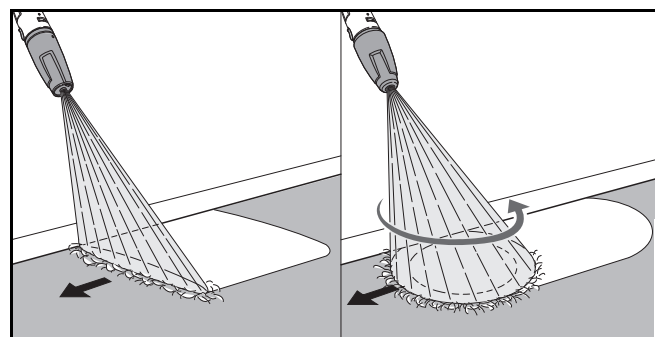
- ▶ Switch off the pressure washer.
- ▶ Relieve system pressure.
- ▶ Lock the spray gun trigger.



- ▶ Rotate the 3-in-1 nozzle clockwise or counterclockwise to adjust the setting suitable for the application.

To clean:

- ▶ Before starting work, direct the water jet at an inconspicuous area of the surface and check that the surface is not damaged.
- ▶ Work at a distance that allows you to effectively clean the surface without damaging it.
- ▶ Adjust the 3-in-1 nozzle and distance from the surface to be cleaned to ensure the surface will not be damaged by the spray.



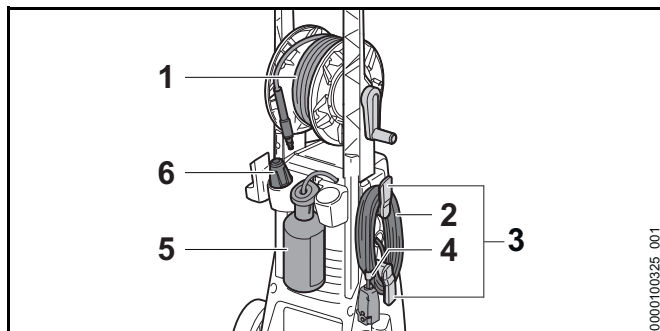
- ▶ Move the spray attachment evenly along the surface to be cleaned.
- ▶ Move forward slowly in a controlled manner.

13 After Finishing Work

13.1 Preparing for Transportation or Storage

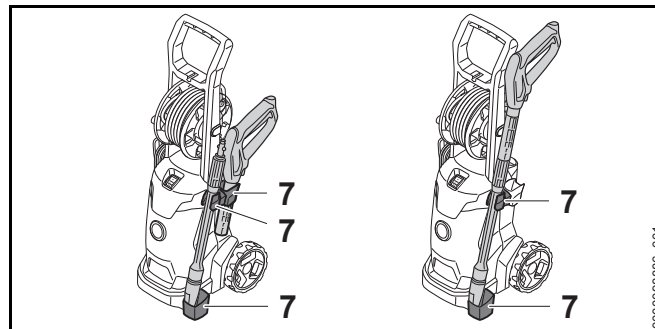
To prepare the pressure washer for transportation or storage:

- ▶ If cleaning agent has been used: flush the pressure washer.
- ▶ Switch off the pressure washer,  11.2.
- ▶ Disconnect the pressure washer from the power supply.
- ▶ Disconnect the pressure washer from the water supply.
- ▶ Press the spray gun trigger to relieve any remaining pressure in the system.
- ▶ Lock the spray gun trigger.
- ▶ Disconnect the water hose.
- ▶ Remove and clean the nozzle and spray lance.
- ▶ Remove the spray gun and let the rest of the water run out of the spray gun.
- ▶ If the pressure washer will be exposed to freezing temperatures, protect it with antifreeze or take other measures outlined below,  13.2.
- ▶ Clean the pressure washer.



- ▶ Roll up the high-pressure hose (1) evenly.
- ▶ Roll up the power supply cord (2) and hang it onto the brackets (3).
- ▶ Secure the power supply cord with the clip (4).

- ▶ Insert the detergent spray set (5).
- ▶ Insert the nozzle (6).



- ▶ Place the spray attachment in one of the holders (7).

13.2 Protecting the Pressure Washer in Winter Conditions

Removing Water from the System

To remove any remaining water from the system:

- ▶ Switch off the pressure washer,  11.2.
- ▶ Disconnect the pressure washer from the power supply.
- ▶ Shut off the water supply.
- ▶ Relieve system pressure.
- ▶ Disconnect the water hose,  9.
- ▶ Drain the water out of the high-pressure hose and water hose.
- ▶ Connect the power supply cord to a properly installed electrical outlet that matches the voltage and electrical frequency stated on the pressure washer's rating plate.
- ▶ Switch on the pressure washer and let the pump run for up to 30 seconds until the water flow stops. Remaining water will be eliminated from the system.
- ▶ Switch off the pressure washer and disconnect it from the power supply.

NOTICE

Freezing temperatures can damage components of the pressure washer. STIHL recommends storing the pressure washer indoors in a dry room where it is protected from freezing temperatures. Relieve all system pressure and make sure all water is eliminated from the pump system and hoses before storing.

Protecting the Pressure Washer with Antifreeze**⚠ WARNING**

When using antifreeze to protect your pressure washer in winter conditions, observe all warnings and instructions provided by the manufacturer to reduce the risk of environmental contamination or severe personal injury from ingestion.

If the pressure washer is to be exposed to freezing temperatures, it should be protected by a glycol-based antifreeze. The antifreeze prevents water inside the pressure washer from freezing and causing damage to the pressure washer.

To protect the pressure washer with antifreeze:

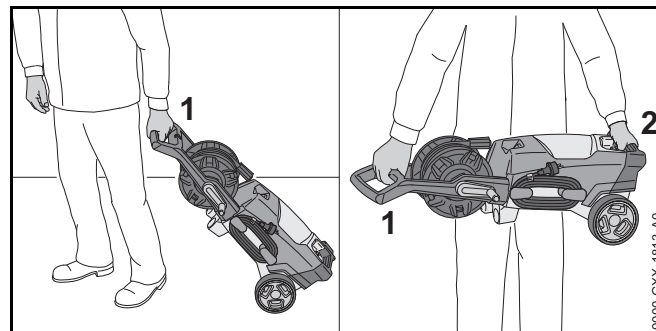
- ▶ Drain the water out of the high-pressure hose.
- ▶ Disconnect the spray lance from the spray gun.
- ▶ Connect the shortest possible water hose to the pressure washer. The shorter the water hose, the less antifreeze is needed.
- ▶ Point the spray lance downward and wait until all the water has flowed out of the system.
- ▶ Pour antifreeze into a clean container.
- ▶ Connect a suction hose to the water inlet of the high-pressure pump and place the other end of the hose in the container of antifreeze.
- ▶ Squeeze and hold the spray gun trigger.
- ▶ Switch on the pressure washer.
- ▶ Hold down the spray gun trigger until an even jet of antifreeze is delivered from the spray gun. Keep the spray gun in the container.
- ▶ Press and release spray gun trigger several times.

- ▶ Switch off the pressure washer and disconnect it from the power supply.
- ▶ Detach the spray gun, high-pressure hose and water hose and allow residual antifreeze to run into the container.
- ▶ Collect and dispose of the antifreeze in accordance with the manufacturer's specifications and all federal, state and local laws, regulations and ordinances.

14 Transporting

14.1 Transporting the Pressure Washer

When transporting the pressure washer:



- ▶ Pull the pressure washer by the pushbar (1), or carry the pressure washer by the pushbar and carrying handle (2).
- ▶ When transporting the pressure washer in a vehicle, ensure that the pressure washer is standing upright, lying on its back, secured with lashing straps, belts or a net and cannot topple over or move.

15 Storing

15.1 Storing the Pressure Washer

! WARNING

Store the pressure washer indoors in a dry, secure place that is inaccessible to children and other unauthorized users,  5.5. Improper storage can result in unauthorized use and damage to the pressure washer,  5.5.

When storing the pressure washer for thirty days or longer:

- ▶ Clean the pressure washer,  16.2.
- ▶ Store the pressure washer indoors in a dry and secure location, out of the reach of children and other unauthorized persons.
- ▶ If the pressure washer cannot be stored in a room where it is protected from freezing temperatures, protect the pressure washer as outlined above,  13.2.

NOTICE

Freezing temperatures can damage components of the pressure washer. STIHL recommends storing the pressure washer indoors in a dry room where it is protected from freezing temperatures. Relieve all system pressure and make sure all water is eliminated from the pump system and hoses before storing.

16 Cleaning

16.1 Flush the Pressure Washer

If cleaning agent has been used:

- ▶ Remove the detergent bottle and empty it.
- ▶ Collect and dispose of the detergent in accordance with the manufacturer's specifications and all federal, state and local laws, regulations and ordinances.
- ▶ Flush the detergent bottle with clear water.

- ▶ Insert the detergent bottle.
- ▶ Rotate 3-in-1 nozzle into position  and set the highest power level.
- ▶ Switch on pressure washer and flush with clear water for approximately 30 seconds.

16.2 Cleaning the Pressure Washer

! WARNING

Before carrying out any of the cleaning work specified in this chapter  16, take certain measures to reduce the risk of personal injury from unintended activation: switch off the pressure washer and disconnect the unit from the power supply. Relieve all system pressure by pulling the trigger switch and lock the spray gun trigger.

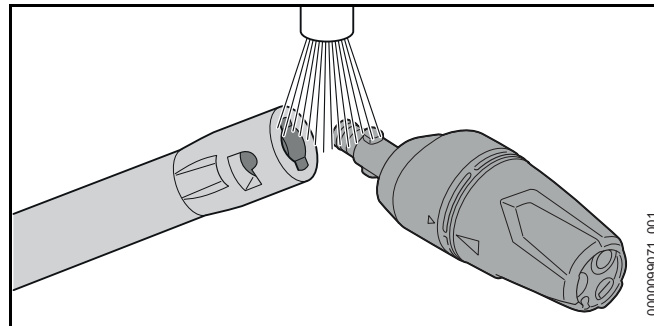
To clean the pressure washer:

- ▶ Clean the pressure washer's polymer components, couplings and connectors with a slightly dampened cloth. Do not use abrasives or solvents that may damage the pressure washer's polymer components.
- ▶ Do not use a pressure washer to clean the unit or otherwise spray it with water or other liquids.

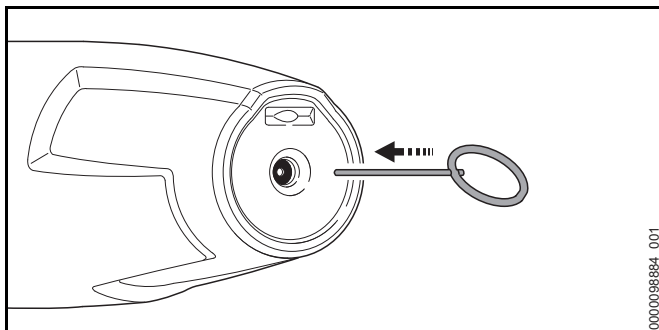
16.3 Cleaning the Nozzle and Spray Lance

A clogged nozzle can cause excessive pressure to build in the pump. Clean the nozzle if it becomes clogged.

To clean the nozzle and spray lance:



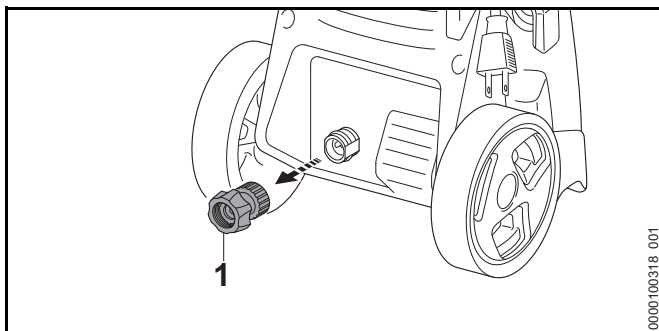
- Rinse the nozzle and spray lance under running water and dry them with a cloth.



- If the nozzle is blocked, use the cleaning needle to clear the opening.

16.4 Cleaning the Water Intake Screen

To clean the water intake screen:



- Unscrew the coupling (1).
- Rinse the water intake screen inside the coupling under warm running water.
- Screw on the coupling and tighten it by hand.

17 Inspection and Maintenance

17.1 Inspection and Maintenance Chart

The following maintenance intervals are examples and apply for normal operating conditions. Actual use and your experience will determine the frequency of required inspection and maintenance.		Before starting work	After finishing work or daily	Weekly	Relevant Chapter
Complete Machine	Visual inspection	X			
	Clean		X		 16
Connectors on high-pressure hose	Clean		X		
Coupling on the spray lance and spray gun	Clean	X			 16.3
Water intake screen at inlet of high-pressure pump	Clean			X	 16.4
Spray nozzle	Clean		X		 16.3

17.2 Inspecting and Maintaining the Pressure Washer

WARNING

Before carrying out any of the maintenance work specified in this chapter  6, take certain measures to reduce the risk of personal injury from unintended activation: switch off the pressure washer and disconnect the unit from the power supply. Relieve all system pressure and lock the spray gun trigger.

Proper maintenance of the pressure washer includes the following activities:

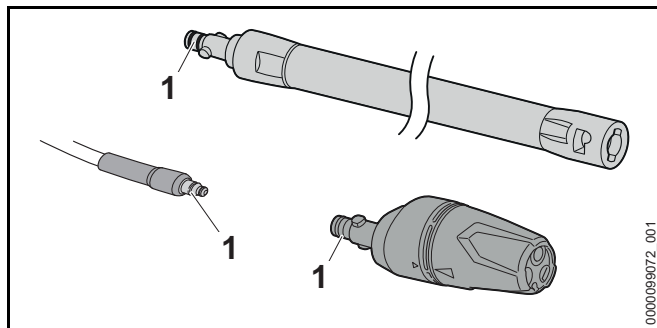
- ▶ Inspecting hoses, couplings, connectors and gaskets periodically and having a worn component replaced.
- ▶ Having worn, missing or damaged safety labels replaced by an authorized STIHL servicing dealer.

The pump is pre-filled with pump oil and does not require replacement or maintenance.

If you make a warranty claim for a component that has not been serviced or maintained properly, coverage may be denied.

17.3 Lubricating the Gaskets

To lubricate the gaskets:



- ▶ Grease the gaskets (1) with food-safe fitting grease.

18 Troubleshooting Guide

18.1 Pressure Washer

Before troubleshooting, switch off the pressure washer and disconnect the unit from the power supply. Relieve all system pressure by pulling the trigger switch. Lock the spray gun trigger.

Condition	Possible Cause	Remedy
The pressure washer does not start although the spray gun trigger is pulled.	The power supply cord is not connected to an electrical outlet.	▶ Connect the power supply cord to a properly installed electrical outlet.
	The GFCI has interrupted the electrical circuit.	▶ Reset the GFCI,  10.2. ▶ Switch off other loads connected to the same circuit. ▶ If the pressure washer still does not start, disconnect the pressure washer from the power supply and have it inspected by an authorized STIHL servicing dealer before further use.
	The electric motor is too warm.	▶ Allow the pressure washer to cool at ambient temperatures for approximately 5 minutes. ▶ Clean the nozzle,  16.3.
The pressure washer does not start when switched on. The electric motor hums.	The mains voltage is too low.	▶ Pull and hold the spray gun trigger and switch on the pressure washer. ▶ Switch off other loads connected to the same electrical circuit.
The pressure washer switches off while in operation.	The power supply cord is not connected to an electrical outlet.	▶ Connect the power supply cord to a properly installed electrical outlet.
	The GFCI has interrupted the electrical circuit.	▶ Reset the GFCI,  10.2. ▶ If the pressure washer still does not start, disconnect the pressure washer from the power supply and have it inspected by an authorized STIHL servicing dealer before further use.
	The electric motor is too warm.	▶ Allow the pressure washer to cool at ambient temperatures for approximately 5 minutes. ▶ Clean the nozzle,  16.3.
The high-pressure pump repeatedly switches on and off without pulling the spray gun trigger.	There is a leak in the high-pressure pump, high-pressure hose or spray attachment.	▶ Have the pressure washer inspected and repaired by an authorized STIHL servicing dealer.

Before troubleshooting, switch off the pressure washer and disconnect the unit from the power supply. Relieve all system pressure by pulling the trigger switch. Lock the spray gun trigger.

Condition	Possible Cause	Remedy
The water pressure fluctuates or drops.	There is not enough water.	▶ Open the water tap fully. ▶ Make sure that a sufficient quantity of water is available.
	The nozzle is blocked.	▶ Clean the nozzle,  16.3.
	The water intake screen is blocked.	▶ Clean water intake screen,  16.4.
	The high-pressure pump, high-pressure hose or spray attachment is leaking.	▶ Ask a STIHL servicing dealer to inspect the pressure washer.
The shape of the water jet has changed.	The nozzle is blocked.	▶ Clean the nozzle,  16.3.
	The nozzle is worn.	▶ Insert a new nozzle.
Detergent is not being drawn in.	The detergent container is empty.	▶ Fill the container with detergent.
	The nozzle of the detergent spray set is blocked.	▶ Clean nozzle of the detergent spray set.
The connections of the pressure washer, high-pressure hose, spray gun or spray lance are stiff.	The gaskets of the connections have not been greased.	▶ Grease the gaskets.  17.3
The Battery Indicator LED flashes red.	The batteries in the control panel are empty.	▶ Install new batteries in the control panel.
The activation key flashes green.	The connection between the pressure washer and the control panel no longer exists.	▶ Switch off the pressure washer. ▶ Reduce the distance between the spray gun and the pressure washer. ▶ Switch on the pressure washer and the control panel.

19 Specifications

19.1 STIHL RE 100.0 PLUS CONTROL

For household use.

- Weight with spray attachment and high-pressure hose: approximately 19.8 lbs (9 kg)

Electrical

- Fuse (characteristic "C" or "D" based on UL 489): 15 A
- Mains voltage: 120 V
- Frequency: 60 Hz
- Rated current: 13 A
- Insulation: Class II (Double Insulation)
- Approved batteries: AAA batteries (IEC size LR03)
- Frequency band: ISM band 2.4 GHz
- Maximum RF power transmitted: 13 mW
- Signal range: approx. 52 ft (16 m). The signal strength depends on the ambient conditions

High-Pressure Pump

- Rated Pressure: 1800 psi (12.4 MPa / 124 bar)
- Maximum Pressure: 2170 psi (15 MPa / 150 bar)
- Minimum water throughput: 1.2 gpm (4.5 l/min)
- Maximum water throughput: 1.9 gpm (7.2 l/min)
- Maximum suction height from a tank: 1.6 ft. (0.5 m)
- Maximum water temperature in pressure mode: 104 °F (40 °C)

Water Supply

- Minimum length of water hose: 30 ft. (10 m)
- Minimum pressure: 14.5 psi (0.1 MPa / 1 bar)
- Maximum water inlet pressure: 145 psi (1 MPa / 10 bar)

- Maximum water temperature: 104 °F (40 °C)

Pressure-dependent data were measured at an inlet pressure of 0.3 MPa (44 psi).

19.2 Symbols on the Pressure Washer

Symbol	Explanation
A	Ampere
V	Volt
Hz	Hertz
kW	Kilowatt
t	Temperature
p	Pressure
Q	Water throughput
m	Weight



Spray gun trigger is locked.



Spray Gun trigger is unlocked.



Drain the detergent spray set before transport or secure it so that it cannot topple over and cannot move.



Certification/listing mark of Intertek.



STIHL products must not be disposed of in the household trash, but only in accordance with local, state and federal laws and regulations and as provided in this manual, 21.



Insulation: Class II (Double Insulation)

19.3 Engineering Improvements

STIHL's philosophy is to continually improve all of its products. As a result, engineering changes and improvements are made from time to time. Therefore, some changes, modifications and improvements may not be covered in this manual. If the operating characteristics or the appearance of your machine differs from those described in this manual, please contact your STIHL dealer or the STIHL distributor in your area for assistance.

19.4 FCC 15 Information to the User

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- reorient or relocate the receiving antenna,
- increase the separation between the equipment and receiver,
- connect the equipment to an outlet on a circuit different from that to which the receiver is connected,
- consult an authorized STIHL servicing dealer or an experienced radio/TV technician for help.

Do not change or modify this product in any way unless specifically allowed in this manual, since this could void your authority to operate it.

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

20 Replacement Parts and Equipment

20.1 Genuine STIHL Replacement Parts

STIHL recommends the use of genuine STIHL replacement parts. Genuine STIHL parts can be identified by the STIHL part number, the **STIHL** logo and, in some cases, by the STIHL parts symbol . The symbol may appear alone on small parts.

21 Disposal

Observe all federal, state and local disposal rules and regulations.

STIHL products must not be thrown in the household trash or disposed of except as outlined in these instructions. Take the product, accessories and packaging to an approved disposal site for environmentally friendly recycling.

Contact your STIHL servicing dealer for the latest information on waste disposal.

21.1 Battery Recycling

WARNING

Handle discharged/depleted batteries carefully. If damaged or exposed to extreme temperatures, they may leak, generate heat, catch fire or explode.

- ▶ Observe all federal, state and local disposal rules and regulations.
- ▶ Recycle depleted batteries promptly.
- ▶ Keep batteries away from children. Do not disassemble and do not dispose of in fire.

22 Limited Warranty

22.1 STIHL Incorporated Limited Warranty Policy

This product is sold subject to the STIHL Incorporated Limited Warranty Policy, available at www.stihlusa.com/warranty.html. It can also be obtained from your authorized STIHL dealer or by calling 1-800-GO-STIHL (1-800-467-8445).

23 Trademarks

23.1 Registered Trademarks

STIHL®

STIHL



The color combination orange-grey (U.S. Registrations #2,821,860; #3,010,057, #3,010,058, #3,400,477; and #3,400,476)

AutoCut®

YARD BOSS®

STIHL ROLLOMATIC®

WOOD BOSS®



FARM BOSS®

iCademy®

MAGNUM®

MasterWrench Service®

MotoMix®

OILOMATIC®

ROCK BOSS®

STIHL Cutquik®

STIHL DUROMATIC®

STIHL Quickstop®

STIHL WOOD BOSS®

TIMBERSPORTS®



23.2 Common Law Trademarks

4-MIX™	HT Plus™
BioPlus™	STIHL PowerSweep™
Easy2Start™	STIHL Protech™
EasySpool™	STIHL MiniBoss™

ElastoStart™	STIHL MotoPlus 4™
Ematic™	Master Control Lever™
STIHL Precision Series™	STIHL OUTFITTERS™
FixCut™	STIHL PICCO™
Micro™	TrimCut™
Pro Mark™	STIHL M-Tronic™
Quad Power™	STIHL HomeScaper Series™
Quiet Line™	STIHL PolyCut™
STIHL Arctic™	STIHL RAPID™
STIHL Compact™	STIHL SuperCut™
STIHL Interchangeable Attachment Series™	STIHL Multi-Cut HomeScaper Series™
TapAction™	STIHL Territory™
	

This listing of trademarks is subject to change.

Any unauthorized use of these trademarks without the express written consent of ANDREAS STIHL AG & Co. KG, Waiblingen is strictly prohibited.

24 Addresses

24.1 STIHL Incorporated

STIHL Incorporated
536 Viking Drive
P.O. Box 2015
Virginia Beach, VA
23452-2015

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STIHL

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1 Introducción

Gracias por su compra. La información que contiene este manual lo ayudará a obtener el máximo rendimiento y satisfacción de la hidrolavadora de STIHL, y a reducir el riesgo de lesiones que supone su uso, si dicha información se respeta.

CONSERVE ESTE MANUAL



Dado que la hidrolavadora tiene un motor eléctrico y produce un chorro de agua fuerte, es necesario tomar medidas especiales de seguridad para reducir el riesgo de lesiones personales.



Lea este manual de instrucciones detenidamente antes de usar el equipo por primera vez, y periódicamente de allí en adelante. Respete todas las medidas de seguridad. Todo uso negligente o indebido de la hidrolavadora puede provocar lesiones graves o mortales.

No preste ni alquile nunca su hidrolavadora sin entregar este manual de instrucciones. Solamente permita que las personas que comprenden la información de este manual por completo manejen la hidrolavadora

Si necesita más información, o si no comprende alguna de las instrucciones incluidas en este manual, visite www.stihlusa.com o póngase en contacto con su concesionario de servicio autorizado de STIHL.

2 Acerca de este manual de instrucciones

2.1 Palabras identificadoras

Este manual contiene información sobre seguridad a la que usted debe prestar especial atención. Dicha información se indica con los siguientes símbolos y palabras identificadoras:

PELIGRO

Identifica una situación de peligro que, de no evitarse, causará lesiones graves o mortales.

ADVERTENCIA

Identifica una situación de peligro que, de no evitarse, puede causar lesiones graves o mortales.

INDICACIÓN

Indica el riesgo de daños a la propiedad, incluyendo a la máquina o sus componentes.

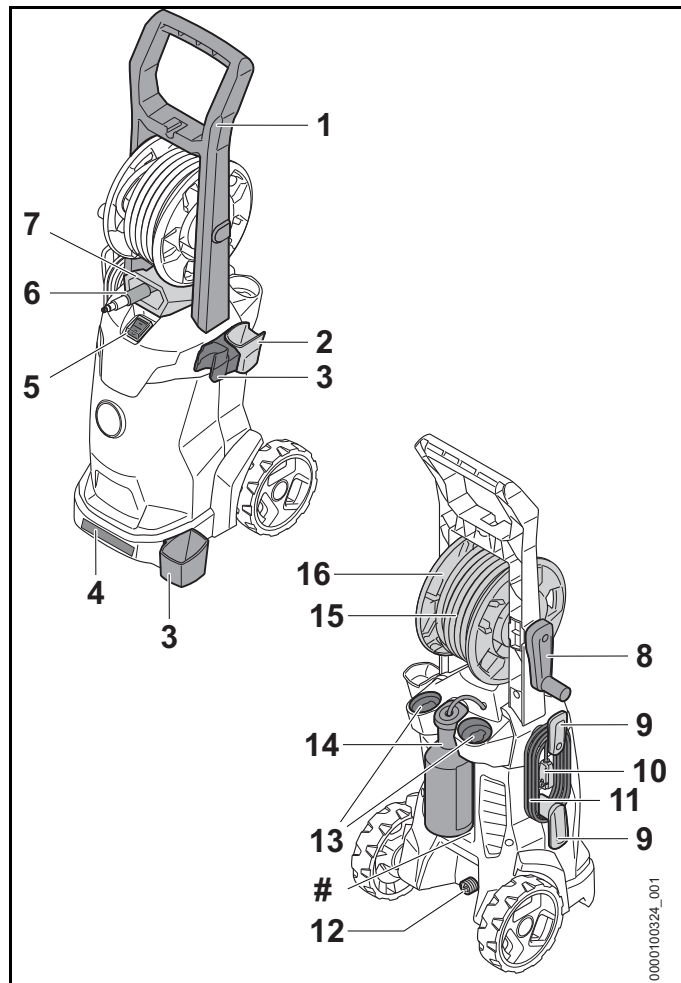
2.2 Símbolos en el texto

El siguiente símbolo tiene como finalidad ayudarlo a utilizar este manual.

 Hace referencia a un capítulo o subcapítulo designado en este manual de instrucciones.

3 Componentes importantes

3.1 Hidrolavadora



1 Barra de empuje

Para transportar la hidrolavadora:

2 Soporte para pistola rociadora

Para guardar la pistola rociadora.

3 Portador para accesorio rociador

Para retirar la pistola rociadora y la lanza.

4 Mango de transporte

Permite levantar y transportar la hidrolavadora.

5 Interruptor de encendido

Enciende y apaga el motor.

6 Acoplamiento

Para conectar la manguera de alta presión a la pistola de pulverización.

7 Barra guía

Guía la manguera de presión alta hacia el carrete.

8 Manivela

Gira el carrete de la manguera

9 Soportes para el cordón eléctrico

Para guardar el cordón eléctrico.

10 Enchufe con GFCI

Permite conectar el cordón eléctrico a un tomacorriente de pared. El interruptor de pérdidas a tierra (GFCI) incorporado está diseñado para reducir el riesgo de descarga eléctrica.

11 Cordón eléctrico

Suministra electricidad a la hidrolavadora cuando está conectada a un tomacorriente de pared (suministro eléctrico).

12 Conector de entrada de agua

Conecta la manguera de agua a la bomba de presión alta.

13 Compartimiento de almacenamiento

Para guardar las boquillas.

14 Sujetador para el juego de pulverización de detergente

Para guardar el juego de pulverización de detergente.

15 Manguera de presión alta

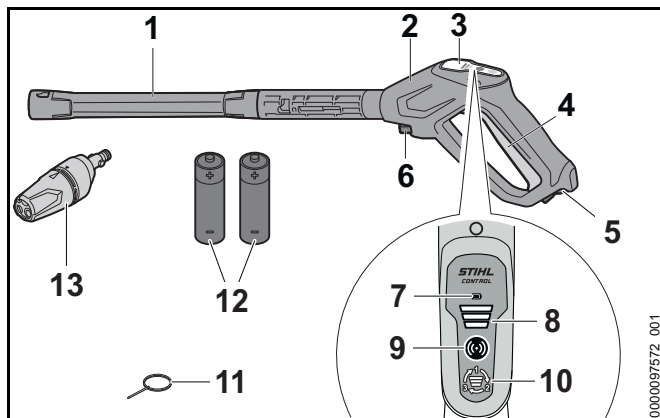
Conduce el agua de la bomba de presión alta a la pistola rociadora.

16 Carrete de la manguera

Para enrollar la manguera de presión alta.

Placa de características

Contiene los datos eléctricos y el número de serie del producto.

3.2 Accesorio pulverizador**1 Lanza de pulverización**

Dirige el chorro de agua de la pistola de pulverización a la boquilla de pulverización.

2 Pistola de pulverización

Para controlar y dirigir el chorro de agua.

3 Panel de control

El panel de control se utiliza para establecer la presión de trabajo.

4 Gatillo de la pistola pulverización

Abre y cierra la válvula de la pistola rociadora.

5 Pestillo de retención

Bloquea y desbloquea el gatillo de la pistola rociadora.

6 Acoplamiento de la manguera de alta presión

Para conectar la manguera de alta presión a la pistola de pulverización.

7 LED indicador de carga de las pilas

El LED indica el nivel de carga de las pilas.

8 LED de nivel de potencia

Los LED indican el nivel de potencia seleccionado de la presión de trabajo.

9 Llave de activación

La llave de activación enciende el panel de control e indica el estado a través del LED.

10 Pulsador

El pulsador se utiliza para establecer la presión de trabajo.

11 Aguja limpiadora

Diseñada para quitar la suciedad y los desperdicios de las boquillas rociadoras.

12 Pilas AAA

Dos pilas AAA alimentan la pistola de pulverización.

13 Boquilla 3 en 1

La boquilla 3 en 1 consta de una boquilla de chorro en abanico, una boquilla giratoria y una boquilla de detergente a la que se puede añadir agente de limpieza.

4 Símbolos de seguridad en el producto**4.1 Hidrolavadora**

Los siguientes símbolos de seguridad están presentes en la hidrolavadora:



Para reducir el riesgo de lesiones, respete las medidas de seguridad especificadas.



Lea y atégase a todas las precauciones de seguridad dadas en el manual de instrucciones. El uso inadecuado puede provocar lesiones personales graves o mortales o daños a la propiedad.



Para reducir el riesgo de lesionarse los ojos, siempre use gafas protectoras. 5.4.



Para reducir el riesgo de lesionarse, mantenga las manos, los pies y otras partes del cuerpo alejados del chorro de agua, 5.9.4.



Para reducir el riesgo de que el operador u otras personas sufran lesiones graves o fatales, nunca dirija el chorro de presión alta hacia el operador, otras personas ni animales, ni siquiera para limpiar su ropa o zapatos, 5.9.4.



Para reducir el riesgo de cortocircuitos, incendios y electrocución, nunca rocíe cerca de fuentes de energía. No confíe en el aislamiento contra choques eléctricos de la hidrolavadora, 5.9.4.



Para reducir el riesgo de producir un cortocircuito, incendios y electrocución, nunca dirija el chorro hacia aparatos y equipos eléctricos, tomas de corriente o cables eléctricos, 5.9.4



Para reducir el riesgo de lesiones o daños a la propiedad, desconecte la hidrolavadora del suministro eléctrico inmediatamente si el cordón eléctrico se daña, 12



Para reducir el riesgo de un incendio o explosión que pudiera provocar lesiones personales graves o daños a la propiedad, nunca rocíe líquidos inflamables o combustibles, 5.9.4



Para reducir el riesgo de dañar la hidrolavadora, no la use ni la guarde a temperaturas heladas. Guarde la hidrolavadora bajo techo, en un lugar seco y bajo llave al que los niños y otras personas no autorizadas no puedan acceder, 6.

5 INSTRUCCIONES IMPORTANTES DE SEGURIDAD

5.1 Advertencias e instrucciones generales sobre seguridad

Esta sección contiene advertencias de seguridad e instrucciones generales en cuanto a limpiadores / hidrolavadoras de presión alta. En las siguientes secciones de este manual, se proporcionan otras advertencias e instrucciones importantes.

ADVERTENCIA

Para reducir el riesgo de incendios, descargas eléctricas y lesiones personales, siempre respete las medidas de seguridad básicas al usar hidrolavadoras eléctricas:

- 1) Lea todas las instrucciones antes de usar el producto.
- 2) Para reducir el riesgo de lesiones, es necesario supervisar de cerca el producto si hay niños en las cercanías.
- 3) Sepa cómo apagar el producto y aliviar la presión con rapidez. Familiarícese por completo con los controles.
- 4) Permanezca alerta – Esté atento a lo que está haciendo.
- 5) No use el producto si se encuentra fatigado o bajo la influencia del alcohol o las drogas.
- 6) Aleje a las demás personas de la zona de trabajo.
- 7) No se extienda excesivamente ni se pare sobre un apoyo inestable. Mantenga los pies bien apoyados y equilibrados en todo momento.
- 8) Siga las instrucciones de mantenimiento dadas en el manual.
- 9) Este producto incorpora un interruptor de pérdidas a tierra en su cordón de alimentación o en el enchufe. Si se necesita reemplazar el interruptor de pérdidas a tierra o el cordón, utilice únicamente un repuesto idéntico.
- 10) ADVERTENCIA — Riesgo de lesionarse los ojos. El chorro puede rebotar hacia el usuario o lanzar objetos. Siempre utilice protección adecuada en los ojos, tal como

los anteojos de seguridad o antiparras, o una careta al aplicar el chorro. (Las gafas de seguridad no ofrecen protección plena.)

INSTRUCCIONES DE PUESTA A TIERRA

⚠ ADVERTENCIA

- Este producto requiere de conexión a tierra. Si presenta una avería o mal funcionamiento, la conexión a tierra proporciona una trayectoria de baja resistencia para la corriente eléctrica a fin de reducir las sacudidas. El producto cuenta con un cordón provisto de conductor y clavija de puesta a tierra. El enchufe deberá conectarse a un tomacorriente adecuado que haya sido debidamente instalado y puesto a tierra, según lo dispuesto en los códigos y reglamentos de la localidad.
- La conexión indebida del conductor de puesta a tierra del equipo puede dar por resultado el riesgo de electrocución. Consulte a un electricista calificado o al personal de mantenimiento si se tienen dudas en cuanto a la puesta a tierra del tomacorriente eléctrico. No modifique el enchufe del producto — si no encaja en el tomacorriente, pídale a un electricista competente que instale un tomacorriente adecuado. No utilice ningún tipo de adaptador con este producto.

PROTECCIÓN DEL INTERRUPTOR DE PÉRDIDAS A TIERRA

⚠ ADVERTENCIA

- Esta hidrolavadora cuenta con un interruptor de pérdidas a tierra (GFCI) incorporado en el enchufe o el cordón eléctrico. Este dispositivo ofrece protección adicional contra el riesgo de descargas eléctricas. Si se necesita reemplazar el interruptor de pérdidas a tierra o el cordón, utilice únicamente un repuesto idéntico.

ALARGADORES

⚠ ADVERTENCIA

- Riesgo de electrocución Si se utiliza un alargador, se podría causar una sacudida eléctrica o quemadura que resulte en lesiones graves o mortales.
- No use un alargador con esta hidrolavadora. El tomacorriente eléctrico o el alargador podría no contar con la protección de un interruptor de pérdidas a tierra.
- Esta hidrolavadora cuenta con un interruptor de pérdidas a tierra (GFCI) incorporado en el cordón eléctrico. No use un alargador con esta hidrolavadora.

CIRCUITO INDIVIDUAL

⚠ ADVERTENCIA

- Solamente utilice un circuito individual para la conexión. Un circuito individual es uno dispuesto para alimentar a un solo dispositivo eléctrico. Si se alimentan varios dispositivos de un solo circuito eléctrico, se podría causar una sobrecarga y abrir el disyuntor o fusible.

INFORMACIÓN ADICIONAL DE SEGURIDAD

⚠ ADVERTENCIA

- Lea y atégase a todas las precauciones de seguridad dadas en las etiquetas y en el manual de instrucciones. El no seguir estas instrucciones puede causar lesiones graves o mortales.
- El chorro es capaz de salpicar con fuerza y propulsar objetos a gran velocidad. Para reducir el riesgo de lesionarse los ojos, siempre utilice gafas resistentes a impactos y que porten designaciones que indiquen que satisfacen la norma ANSI Z87 “+”. Los anteojos también deberán ofrecer protección contra riesgos por gotas/salpicaduras según la norma ANSI Z87.1.
- Mantenga a las personas presentes y animales fuera del área de trabajo.
- Siempre protéjase los oídos.

- Consulte la placa de características para ver la presión y temperatura máximas de descarga — utilice únicamente mangueras y accesorios con capacidad nominal para tolerar estos valores o más. Use únicamente repuestos STIHL genuinos.
- La pistola rociadora produce un culatazo (contragolpe) fuerte en sentido opuesto al chorro. Sujétela firmemente con las dos manos para reducir el riesgo de lesionarse por la pérdida del control.
- Debido a la presión alta y la velocidad elevada del agua, el chorro es sumamente potente. Para reducir el riesgo de laceraciones graves y de que los fluidos penetren debajo de la piel, no dirija el chorro de aspersión hacia usted, otras personas ni animales. Manténgase alejado de la boquilla cuando la máquina está en uso. Compruebe que el chorro de agua no dañe el objeto que se está limpiando.
- Para reducir el riesgo de incendios y explosiones, nunca rocíe fluidos inflamables.
- Para reducir el riesgo de sufrir lesiones graves o mortales causadas por las descargas eléctricas, nunca use la hidrolavadora si el cordón eléctrico está cortado, agrietado, desgastado o dañado. Si el cordón presenta daños, desconéctelo de inmediato.
- Para reducir los riesgos de electrocución e incendios, nunca dirija el chorro hacia la máquina misma, hacia otros aparatos o equipos eléctricos, tomacorrientes o cordones de alimentación. Nunca rocíe cerca de una fuente de energía.
- Proteja la máquina contra la congelación.
- Guárdela bajo techo.
- Si se conecta la máquina contra un sistema de agua potable, el sistema deberá protegerse contra el contraflujo.

RIESGO DE ELECTROCUCIÓN

ADVERTENCIA

- Revise el cordón antes de usar la máquina y no la use si el cordón presenta daños.

- Mantenga todas las conexiones secas y elevadas sobre el suelo.
- No manipule el enchufe con manos mojadas.
- Aislante doble — Al darle mantenimiento a la máquina, utilice únicamente repuestos idénticos.
- Este producto incorpora un interruptor de pérdidas a tierra en el enchufe de su cordón. Si se necesita reemplazar el enchufe o el cordón, utilice únicamente un repuesto idéntico.
- No use un alargador.
- Lea el manual de instrucciones antes de usar la máquina.

5.2 Uso previsto

ADVERTENCIA

- Esta hidrolavadora ha sido diseñada para efectuar trabajos de limpieza en el hogar y jardín, para limpiar mobiliario del jardín, veredas, patios, vehículos, remolques y otros usos similares.
- Utilice la hidrolavadora únicamente para limpiar superficies sólidas y otros artículos que no serán dañados por el agua ni por la fuerza del chorro.
- Utilice la hidrolavadora únicamente de la manera descrita en este manual. No se la debe utilizar con ningún otro propósito, ya que el uso indebido puede causar lesiones personales o daños a la propiedad, incluso daños a la hidrolavadora.
 - Nunca intente modificar ni anular los controles o dispositivos de seguridad de la hidrolavadora en manera alguna.
 - Nunca utilice una hidrolavadora que haya sido modificada o alterada, apartándose de su diseño original.

5.3 Operador

⚠ ADVERTENCIA

- El uso de la hidrolavadora puede ser fatigoso. El operador debe hallarse en buenas condiciones tanto físicas como mentales. Para reducir el riesgo de lesiones personales causadas por fatiga o pérdida del control:
 - Consulte con su médico antes de trabajar con la hidrolavadora si usted padece de alguna condición de salud que pudiera ser agravada por el trabajo extenuante.
 - No utilice la hidrolavadora si se encuentra bajo la influencia de alguna sustancia (drogas, alcohol o medicamentos, etc.) que pudiera perjudicar su visión, equilibrio, destreza o criterio.
 - Esté alerta. No use la hidrolavadora si está cansado. Tómese un descanso si se siente cansado.
 - No permita que menores de edad usen la hidrolavadora.
 - No se debe permitir la proximidad de otros, especialmente niños y animales, donde se esté utilizando la hidrolavadora.
- Según los conocimientos actuales de STIHL, el motor eléctrico de esta hidrolavadora no debería interferir con un marcapasos.
 - Sin embargo, las personas con marcapasos u otro dispositivo médico implantado deben consultar a su médico y al fabricante del dispositivo antes de utilizar esta hidrolavadora.

5.4 Equipos de protección personal

⚠ ADVERTENCIA

- Para reducir el riesgo de lesiones personales:
 - Siempre use ropa adecuada y trajes protectores, incluidas gafas protectoras adecuadas.
- Para reducir el riesgo de lesiones oculares:



- Siempre utilice anteojos de seguridad resistentes a impactos que cumplan con la norma ANSI Z87 “+”. Los anteojos también deberán ofrecer protección contra riesgos por gotas/salpicaduras según la norma ANSI Z87.1.
- Las gafas de seguridad no ofrecen protección plena.

- Es muy importante tener una buena superficie de apoyo para los pies. Para ayudar a mantener un punto de apoyo seguro y reducir el riesgo de lesiones mientras trabaja:



- Póngase botas gruesas con suela antideslizante. Nunca use sandalias, chanclas, zapatos que dejen los dedos descubiertos ni calzado de ese tipo.
- Para reducir el riesgo de descarga eléctrica:
 - Utilice calzado con suelas de caucho que ofrezca aislamiento cuando utilice la hidrolavadora.
- Se podrían formar aerosoles cuando se trabaja con una hidrolavadora. Algunos aerosoles pueden ser nocivos si se inhalan. Para determinar las medidas necesarias para ofrecer protección contra aerosoles acuosos, efectúe una evaluación de riesgos antes de empezar a trabajar. Según la evaluación de riesgos, podría ser necesario usar una mascarilla categoría FFP2 o superior.

5.5 Hidrolavadora

⚠ ADVERTENCIA

- Para reducir el riesgo de sufrir lesiones graves o mortales causadas por electrocución o descarga eléctrica:
 - Coloque la hidrolavadora fuera de la zona de trabajo húmeda.
 - Guarde la hidrolavadora puertas adentro.
 - Nunca utilice la hidrolavadora si la envuelta del motor tiene roturas o daños.

- Para reducir el riesgo de lesiones personales al operador y a los espectadores:
 - Apague la hidrolavadora, alivie la presión del sistema, bloquee el gatillo de la pistola rociadora y desconecte la fuente de alimentación eléctrica antes de armar, inspeccionar, limpiar, o darle mantenimiento o servicio a la hidrolavadora.
- Aunque algunos accesorios no autorizados podrían encajar con las hidrolavadoras STIHL, su uso podría resultar extremadamente peligroso. Utilice únicamente los accesorios suministrados por STIHL o expresamente autorizados por STIHL para usarse con este modelo específico de máquina.
 - Use solo los accesorios suministrados o expresamente aprobados por STIHL.
 - No modifique esta hidrolavadora de ningún modo.
 - Nunca intente modificar ni anular los controles o dispositivos de seguridad de la hidrolavadora en manera alguna.
 - Nunca utilice una hidrolavadora que haya sido modificada o alterada, apartándose de su diseño original.
- Si la hidrolavadora se cae o se expone a fuertes impactos:
 - Asegúrese de que no se haya dañado, de que esté en buenas condiciones y de que funcione correctamente antes de seguir con el trabajo.
 - Compruebe que los controles y dispositivos de seguridad funcionen correctamente.
 - Compruebe que el cordón eléctrico no se haya dañado.
 - Nunca trabaje con una hidrolavadora dañada o defectuosa. Ante cualquier duda, pídale a un concesionario de servicio de STIHL autorizado que revise la hidrolavadora.
- Si la hidrolavadora se avería, no funciona debidamente, ha sido dejada a la intemperie, se expone a la lluvia, sus componentes podrían no funcionar debidamente y los

dispositivos de seguridad podrían quedar inoperantes. Para reducir el riesgo de lesiones personales y daños a la propiedad:

- Lleve la hidrolavadora a un concesionario de servicio STIHL autorizado para que realice un control antes de seguir utilizando la unidad.
- Las piezas de repuesto auténticas de STIHL están diseñadas específicamente para su hidrolavadora y satisfacen las necesidades de rendimiento y seguridad. El uso de componentes no autorizados o no aprobados por STIHL puede causar lesiones graves o mortales y daños a la propiedad.
 - STIHL recomienda que solo se utilicen repuestos STIHL idénticos.

5.6 Cable eléctrico

⚠ ADVERTENCIA

- El uso de un cordón eléctrico o de un enchufe que estén dañados puede provocar incendios, descargas eléctricas y otras lesiones personales, así como daños materiales. Para reducir estos riesgos:



- Revise regularmente el cable eléctrico y su enchufe en busca de daños. Si presenta daños, desconecte de inmediato la hidrolavadora de la fuente de alimentación. Nunca utilice un cable eléctrico o un enchufe que estén dañados.
- No tire del cable de suministro eléctrico, no lo desgaste, aplaste ni maltrate de otra manera, y nunca lo utilice indebidamente. Protéjalo del calor, del aceite y de los bordes afilados.
- Si el cable eléctrico sufre daños, lleve la máquina a su concesionario de servicio STIHL autorizado para que lo sustituyan antes de volver a usar el equipo. Si el cable eléctrico sufre daños, se debe reemplazar por un cable de repuesto STIHL idéntico.
- Desenchufe el cable de suministro eléctrico del tomacorriente cuando la hidrolavadora no esté en funcionamiento.

- Nunca jale ni tire del cable eléctrico para desconectarlo del tomacorriente. Desenchufe el cable de suministro eléctrico del tomacorriente cuando la hidrolavadora no esté en funcionamiento. Para desenchufar la máquina, agarre el enchufe, y no el cordón.
- Asegúrese de que el cable eléctrico esté ubicado y asegurado o marcado de modo que no se pise, no cause tropezos, no entre en contacto con objetos cortantes ni piezas móviles y no quede expuesto a cualquier otro tipo de daños o esfuerzo.
- Solamente utilice un circuito individual para la conexión. Un circuito individual es uno dispuesto para alimentar a un solo dispositivo eléctrico. Si se alimentan varios dispositivos de un solo circuito eléctrico, se podría causar una sobrecarga y abrir el disyuntor o fusible.
- Esta hidrolavadora está equipada con un interruptor de circuito de descarga a tierra (GFCI) incorporado. Para reducir el riesgo de una descarga eléctrica:
 - Nunca enchufe la fuente de alimentación en un multicontacto ni en una extensión.
 - La hidrolavadora debe conectarse a un tomacorriente eléctrico debidamente puesto a tierra. Consulte a un electricista calificado si se tienen dudas en cuanto a la puesta a tierra del tomacorriente eléctrico.
 - Siempre pruebe el GFCI incorporado antes de usar la hidrolavadora. Nunca trabaje con un GFCI defectuoso. Para información sobre la prueba y reposición del GFCI, ver el capítulo 10.
- Esta herramienta eléctrica tiene un enchufe polarizado (una clavija es más ancha que la otra). Este enchufe solo puede conectarse a un tomacorriente polarizado en una posición. Para reducir el riesgo de choque eléctrico:
 - No modifique el enchufe en modo alguno.
 - Si el enchufe no entra en el tomacorriente, dele la vuelta. Si así tampoco puede encajarlo, use un tomacorriente distinto o póngase en contacto con un electricista calificado para que instale un tomacorriente adecuado.

5.7 Pilas

⚠ ADVERTENCIA

- Lea todas las advertencias e instrucciones de seguridad. Si no se respetan todas las advertencias e instrucciones, se podrían producir descargas eléctricas, incendios o lesiones graves.
- Esta hidrolavadora está diseñada para usarse únicamente con pilas AAA correctamente insertadas. No intente utilizar otras pilas o una fuente de alimentación eléctrica.
- El uso del equipo con pilas no autorizadas puede causar un incendio, una explosión o fugas del fluido de la pila.
- Asegúrese de que la cubierta del panel de control esté bien cerrada.
 - Si la cubierta del panel de control no permanece cerrada, saque las pilas y deje de usar el equipo. Deseche las pilas de manera adecuada.
- Riesgo de incendios y explosiones.
 - Nunca intente recargar las pilas.
 - Nunca caliente las pilas por encima de los 212 °F (100 °C) ni las coloque en el fuego o cerca del mismo, de estufas o de otros lugares con temperaturas altas.
 - No las aplaste ni las exponga a microondas.
- Las temperaturas elevadas pueden hacer que las pilas generen calor, se rompan, tengan fugas, se incendien o estallen.
 - Use y guarde las pilas únicamente a una temperatura ambiente de entre -20 °F y 140 °F (entre -30 °C y 60 °C).
 - No guarde las pilas dentro de un vehículo si la temperatura exterior es elevada.

- Riesgo de cortocircuito, lo que podría causar una rotura, un incendio o una explosión.
 - Mantenga secas las pilas.
 - Nunca puentee los bornes con cables ni con presillas metálicas, monedas, llaves, clavos o cualquier otro objeto metálico que pudiera establecer una conexión entre los bornes.
 - Nunca lleve las pilas en sus bolsillos.
- El líquido que se escapa de la pila puede irritar la piel y los ojos, y causar quemaduras químicas.
 - Nunca intente abrir ni desarmar las pilas. En caso de fuga, evite el contacto con la piel y los ojos.
 - Limpie el líquido derramado con un absorbente inerte, como la arena, o con un paño absorbente.
- Evite el contacto del fluido de la batería con la piel y los ojos. Evite el vapor generado por baterías con fugas o incendiadas.
 - Aclárese la piel afectada con agua abundante y con un jabón suave.
 - Enjuáguese los ojos con agua limpia durante 15 minutos, sin frotarlos.
 - Acuda al médico.
- Manipule las baterías descargadas/agotadas con cuidado.
 - Mantenga el producto alejado de los niños.
 - Deseche las baterías de inmediato al final de su vida útil. Nunca deseche las baterías junto con los residuos domésticos.
 - Respete todas las leyes y normas federales, estatales y locales sobre la eliminación de residuos.



- No conecte la hidrolavadora directamente a un sistema de agua potable.
- Si lo hace, instale una válvula antirretorno entre el grifo de agua y la manguera. El diseño de la válvula antirretorno deberá cumplir con los códigos y reglamentos de gestión de agua de la localidad.
- Si el agua potable pasa por la válvula antirretorno, ya no se la puede considerar potable. Para evitar la contaminación del agua potable:
 - Respete las regulaciones emitidas por las autoridades de suministro de agua local para evitar que el agua regrese de la hidrolavadora a la red de agua potable.
 - No use la hidrolavadora con agua sucia (es decir, agua que contenga arena, tierra u otras partículas). Si existe riesgo de que el agua esté sucia, utilice un filtro de agua apropiado o recurra a un suministro de agua alternativo.

5.8 Conexión del suministro de agua

⚠ ADVERTENCIA

- Cuando se suelta el gatillo de la pistola de pulverización, el retroceso del fluido podría empujar agua no potable hacia el sistema de agua potable.

5.9 Uso de la hidrolavadora

5.9.1 Antes del uso

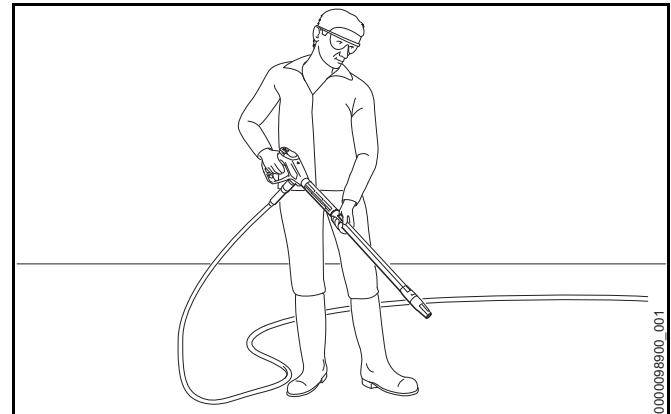
⚠ ADVERTENCIA

- El uso inadecuado o no autorizado puede causar lesiones personales o daños a la propiedad.
 - Utilice la hidrolavadora únicamente de la manera descrita en este manual de instrucciones.
- El uso de una hidrolavadora que presenta modificaciones, daños, ajustes incorrectos o mantenimiento deficiente puede causar una avería y aumentar el riesgo de lesiones personales graves o de la muerte.
 - No maneje nunca una hidrolavadora que esté modificada, dañada, mal ajustada o que no fue armada completa y debidamente.
 - Antes de empezar a trabajar, siempre revise que la hidrolavadora esté en buenas condiciones y que funcione correctamente, particularmente el gatillo de la pistola rociadora y su pestillo de retención.
 - Compruebe que el gatillo de la pistola rociadora y su pestillo de retención se muevan libremente. El gatillo de la pistola rociadora no deberá poder oprimirse sin antes mover el pestillo de retención a la posición desbloqueada.
 - Nunca intente modificar ni anular los controles ni los dispositivos de seguridad de ningún modo.
 - Si la hidrolavadora o cualquier pieza de la unidad están dañada o no funciona correctamente, llévela a un concesionario de servicio STIHL autorizado. No use la hidrolavadora hasta que el problema se haya solucionado.
- Antes de conectar la hidrolavadora al suministro eléctrico:
 - Lea y atégase a las instrucciones de encendido de la hidrolavadora,  11.1.
 - Compruebe que la manguera de presión alta se encuentre en buenas condiciones y no deshilachada, agrietada, deformada o averiada en

manera alguna. Nunca utilice una máquina que tenga la manguera de presión alta averiada o desgastada.

- Para reducir el riesgo de lesiones personales graves o la muerte a causa de arranques accidentales:
 - Nunca acarree la hidrolavadora con el dedo en el gatillo de la pistola rociadora.
 - Apague la hidrolavadora, alivie la presión del sistema, bloquee el gatillo de la pistola rociadora y desconecte la fuente de alimentación eléctrica antes de armar, inspeccionar, limpiar, o darle mantenimiento o servicio a la hidrolavadora.
 - Siempre apague la hidrolavadora, alivie la presión del sistema y bloquee el gatillo de la pistola rociadora antes de desconectar la manguera de alta presión o la lanza rociadora de la pistola rociadora.
 - Siempre apague la hidrolavadora, libere la presión del sistema y bloquee el gatillo de la pistola rociadora antes de cambiar o ajustar alguna boquilla o accesorio.
 - Nunca deje la hidrolavadora desatendida cuando está conectada al suministro eléctrico.

5.9.2 Sujeción y control de la hidrolavadora



⚠ ADVERTENCIA

- Para sujetar con firmeza y controlar correctamente la hidrolavadora:
 - Mantenga el accesorio del rociador limpio en todo momento. Manténgalo libre de brea, aceite, grasa y resina.
- Para reducir el riesgo de lesiones graves o mortales para el operador o los presentes por pérdida de control:
 - Siempre sujete el accesorio pulverizador firmemente con las dos manos cuando trabaje con él.
 - Cierre firmemente los dedos sobre la pistola y la lanza rociadora.
 - Coloque el accesorio pulverizador en una posición tal que todas las partes del cuerpo estén lejos del chorro de agua.
 - Ubique el cordón eléctrico de modo que no se dañe mientras trabaja con la hidrolavadora.
 - Siempre mantenga el cordón eléctrico detrás del operador y alejado del chorro a presión. Asegúrese de que el cordón eléctrico no se enreda en obstáculos ni en objetos.
- Poner la hidrolavadora en funcionamiento con una mano es extremadamente peligroso. Trabajar con una sola mano dificulta la oposición y la absorción de las fuerzas reactivas (contragolpe) sin perder el control de la hidrolavadora. Para reducir el riesgo de que el operador u otras personas sufran lesiones graves o mortales:
 - Nunca intente manejar la hidrolavadora con una sola mano.
- Debido a la elevada presión y velocidad del chorro, los fluidos pueden penetrar la piel y causar inyección del fluido y/o lesiones graves. Para reducir el riesgo de que usted o las personas de los alrededores sufran lesiones

graves o mortales causadas por una pérdida de control, asegúrese de que tiene los pies bien apoyados y de que mantiene el equilibrio en todo momento:

- Tenga especial cuidado cuando trabaje en terrenos con mucha vegetación o húmedos, y preste atención siempre a posibles obstáculos ocultos como tocones, raíces, piedras, hoyos y zanjas.
 - Para evitar tropezarse o caerse, observe en todo momento dónde se encuentra el cordón eléctrico.
 - Proceda con extrema precaución cuando trabaje en declives o en terrenos irregulares.
- Para reducir el riesgo de lesiones provocadas por una pérdida de control:
 - Nunca trabaje sobre una escalera de mano, sobre un techo, un árbol o cualquier otro punto de apoyo que no sea seguro.
 - Nunca ponga la hidrolavadora en funcionamiento a una altura más arriba de los hombros.
 - No extienda los brazos más de lo necesario. Mantenga el equilibrio y los pies bien apoyados en todo momento.

5.9.3 Condiciones de trabajo

⚠ ADVERTENCIA

- Utilice la hidrolavadora solamente en condiciones de buena visibilidad y a la luz del día.
 - Posponga los trabajos si el tiempo está ventoso, con neblina, lluvioso o inclemente.
- La hidrolavadora es una máquina que debe ser manejada por una sola persona.
 - No deje que otras personas estén en el lugar de trabajo.
 - No se debe permitir la proximidad de otras personas, especialmente de niños, ni de animales en los lugares donde se esté utilizando la máquina.
 - Apague el motor inmediatamente si se le aproxima alguna persona.

- Para reducir el riesgo de lesiones a los espectadores y usuarios no autorizados:
 - Nunca deje la hidrolavadora desatendida cuando está conectada al suministro eléctrico.
 - Apague la hidrolavadora y desconéctela del suministro eléctrico durante los recreos de trabajo y cualquier otro momento en que la hidrolavadora no esté en uso.
- Las chispas que se generan del funcionamiento de la hidrolavadora pueden encender gases, líquidos, vapores, polvos u otros materiales y sustancias combustibles. Para reducir el riesgo de incendio y explosión:
 - No utilice la hidrolavadora en un lugar donde haya gases, líquidos, vapores, polvos u otros materiales y sustancias combustibles.
 - Lea y atégase a las recomendaciones dadas por autoridades gubernamentales (por ejemplo, OSHA) para identificar y evitar los peligros que representan gases combustibles, líquidos, vapores, polvos y otros materiales y sustancias combustibles.
- Si se pulverizan ciertos materiales con el chorro a presión se podría crear una nube de polvo o vapor que contenga partículas de materiales capaces de causar enfermedades respiratorias, cáncer, defectos congénitos y otras lesiones graves.
 - Nunca rocíe una superficie que contenga pintura a base de plomo.
 - Nunca dirija el chorro hacia materiales que contengan asbesto, tales como el hormigón o revestimiento de asbesto. Se podrían liberar fibras de asbesto peligrosas y capaces de ser aspiradas, además de la tierra.
 - Consulte con agencias gubernamentales tales como EPA, OSHA, CARB y NIOSH, al igual que otras fuentes fidedignas sobre materiales peligrosos si desconoce los riesgos asociados con las sustancias particulares con las cuales está rociando.
- La inhalación de ciertos polvos, especialmente los polvos orgánicos, tales como el moho o polen, puede provocar reacciones alérgicas o asmáticas en las personas

sensibles. La inhalación repetida o de grandes cantidades de polvo u otros contaminantes del aire, especialmente los de partículas pequeñas, puede causar enfermedades respiratorias o de otro tipo.

- Siempre que sea posible, controle el polvo y los vapores en su punto de origen.
 - Hasta donde sea posible hacerlo, utilice la hidrolavadora de modo que el viento o el proceso de trabajo dirija el polvo, vapor u otras partículas generadas por la hidrolavadora en sentido opuesto al operador.
 - Si no es posible mantener el polvo inhalable y otras partículas a niveles de fondo o aproximadamente de fondo, siempre utilice una mascarilla aprobada por NIOSH y con capacidad adecuada para las condiciones específicas del sitio. Siga las recomendaciones dadas por entidades gubernamentales (por ejemplo: OSHA/NIOSH) y asociaciones laborales y comerciales.
- La aspiración del polvo de asbesto es peligrosa y puede causar lesiones graves o mortales, enfermedades de las vías respiratorias o cáncer, incluido el mesotelioma. El uso y la eliminación de los productos que contienen asbesto están estrictamente reglamentados por OSHA y EPA.
 - Suspenda el trabajo de inmediato y comuníquese con las autoridades competentes estatales y locales y/o con la EPA, con la empresa o con el representante local de OSHA, si tiene razones para creer que está perturbando asbesto.

5.9.4 Instrucciones de manejo

ADVERTENCIA

- En caso de emergencia:
 - Apague el motor inmediatamente y desconecte la hidrolavadora de la fuente de alimentación.
- Para reducir el riesgo de incendio o explosión que pudiera provocar lesiones personales graves o daños a la propiedad:



– Nunca pulverice líquidos inflamables o combustibles.



– No permita que la bomba aspire fluidos que contengan disolventes o ácidos no diluidos (por ejemplo, gasolina, aceite para calefacción, diluyente de pintura o acetona).

- Debido a la elevada presión y velocidad del chorro, los fluidos pueden penetrar la piel y causar inyección del fluido y/o lesiones graves.



– Nunca dirija el chorro a presión hacia su persona u otras personas, ni siquiera para limpiar sus vestidos o zapatos.

– No dirija el chorro a presión hacia animales.



– Mantenga las manos, los pies y demás miembros del cuerpo lejos del chorro de agua.

- No dirija el chorro a presión alta hacia lugares que no pueda ver.
- Apague la hidrolavadora, libere la presión del sistema y bloquee el gatillo de la pistola rociadora antes de cambiar o ajustar alguna boquilla o accesorio.
- En caso de que ocurra un accidente y el rocío parezca haber penetrado en la piel, busque atención médica inmediatamente. No trate la herida como un simple corte.

- Para reducir el riesgo de daños a la propiedad o lesiones personales graves:

- Empiece a trabajar a la mayor distancia eficaz con respecto a la superficie que se está limpiando. No se acerque tanto a la superficie que la fuerza del chorro empiece a dañarla.
- Tenga cuidado especial al rociar materiales blandos tales como una tela.

– Tenga cuidado al dirigir el chorro hacia materiales frágiles tales como el vidrio. Podría romperlos.

- Esta hidrolavadora está diseñada para usarse con agua sola o con un detergente específicamente formulado y aprobado para su uso con hidrolavadoras. El uso de detergentes o productos limpiadores no adecuados puede causar lesiones personales y dañar la hidrolavadora y/o la superficie que se está limpiando.

– Siempre utilice el detergente con la dosis indicada por el fabricante en las instrucciones de preparación y dilución del detergente, y las indicaciones de uso y eliminación seguros.

- Los detergentes químicos pueden contener sustancias nocivas (tóxicas, cáusticas, irritantes), inflamables o explosivas. Son potencialmente dañinos y pueden causar irritaciones en la piel o los ojos, quemaduras químicas y otras lesiones personales graves.

– Evite el contacto con la piel y los ojos.

– En caso de contacto accidental, lave el área de contacto inmediatamente con agua y un jabón suave.

– Si entra líquido en los ojos: No se frote. Enjuague el ojo abierto con agua por al menos 15 minutos y busque atención médica.

- Si se pone en marcha la hidrolavadora sin agua, la bomba se sobrecalentará, lo cual podría causarle daños permanentes.

– Siempre conecte y abra el suministro de agua de la bomba antes de arrancar el motor.

– No ponga la hidrolavadora en marcha sin agua.

⚠ ADVERTENCIA

- Para reducir el riesgo de cortocircuitos, incendios y electrocución:

- No dirija el chorro a alta presión hacia la hidrolavadora ni hacia ninguno de sus componentes.



- Nunca dirija el chorro hacia aparatos y equipos eléctricos, tomacorrientes ni cordones eléctricos.



- Nunca rocíe cerca de tomacorrientes eléctricos u otras fuentes de alimentación.
- Nunca utilice la hidrolavadora si la envuelta del motor tiene roturas o daños.

6 Mantenimiento, reparación y almacenamiento

6.1 Advertencias e instrucciones

⚠ ADVERTENCIA

- La hidrolavadora no contiene piezas que el usuario esté autorizado a reparar. Para reducir el riesgo de incendios, descargas eléctricas o lesiones de otro tipo, así como de daños materiales:

- Los usuarios deben realizar únicamente los trabajos de mantenimiento y limpieza que se describen en este manual.
- Respete escrupulosamente las instrucciones de limpieza y mantenimiento que se dan en las secciones correspondientes de este manual de instrucciones.
- STIHL le recomienda que encargue la realización de los trabajos de reparación a un concesionario de servicio STIHL autorizado.

- Un arranque accidental puede provocar lesiones o daños materiales. Para reducir el riesgo de lesiones y de daños materiales provocados por un arranque accidental:

- Apague la hidrolavadora, desconéctela de la fuente de alimentación, cierre el suministro de agua y apriete el gatillo de la pistola rociadora hasta que se libere por completo la presión del sistema. Después, bloquee el gatillo de la pistola rociadora antes de inspeccionar la hidrolavadora o de llevar a cabo cualquier tarea de limpieza, mantenimiento o reparación, así como antes de guardar la máquina y siempre que no esté en uso.

- El uso de piezas que no están autorizadas o aprobadas por STIHL puede provocar lesiones graves o mortales, así como daños materiales.

- STIHL recomienda utilizar únicamente piezas de repuesto STIHL idénticas a las originales para llevar a cabo tareas de reparación o mantenimiento.
- Si usa una manguera de presión de repuesto o auxiliar, asegúrese de que tiene capacidad suficiente para admitir la presión máxima de la hidrolavadora.
- Si se usa una pistola o lanza rociadora de repuesto, o algún otro accesorio de pulverización, asegúrese de que tiene capacidad suficiente para admitir la presión máxima de la hidrolavadora.

- Para reducir el riesgo de descarga eléctrica:

- Asegúrese de que el aislamiento del cordón eléctrico y el enchufe están en buenas condiciones y de que no presentan signos de deterioro (fragilidad), desgaste ni daños.
- Nunca utilice la hidrolavadora si la carcasa que recubre el motor tiene grietas o daños.

INSTRUCCIONES DE TRANSPORTE Y ALMACENAMIENTO

⚠ ADVERTENCIA

- Un almacenamiento incorrecto puede resultar en un uso no autorizado de la hidrolavadora, o provocar daños en la máquina. Además, aumenta el riesgo de incendios y descargas eléctricas, así como de otras lesiones o daños materiales.

- Desconecte la hidrolavadora de la fuente de alimentación antes de guardarla.
- Nunca guarde la hidrolavadora con el enchufe del cordón eléctrico conectado a un tomacorriente.
- Guarde la hidrolavadora en interiores, en un lugar seco y seguro al que no puedan acceder niños ni otras personas no autorizadas.



- Vacíe el juego de rociado de detergente, o asegure la máquina de modo que no vuelque ni pierda líquido.



- La unidad no se debe usar ni guardar a temperaturas inferiores a cero.
- Si tiene que transportar o guardar la hidrolavadora a temperaturas inferiores a cero, llene la bomba de anticongelante para evitar que se agriete por la dilatación del agua, 13.2.

¡GUARDE ESTAS INSTRUCCIONES!

7 Antes de empezar a trabajar

7.1 Preparación de la hidrolavadora para el funcionamiento

Antes de empezar a trabajar:

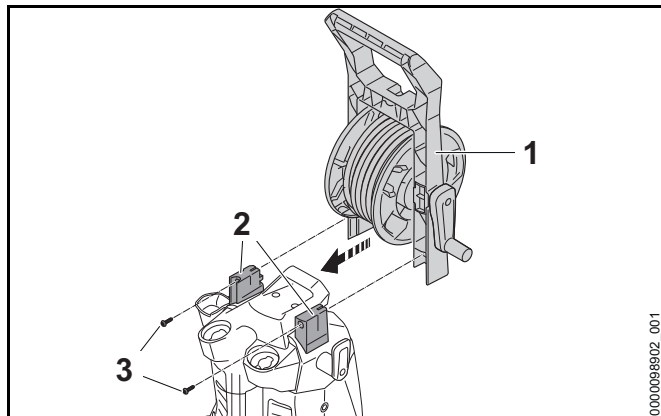
- ▶ Coloque la hidrolavadora sobre suelo firme y plano u otra superficie dura en una zona despejada.
- ▶ Conecte la pistola y la lanza de pulverización, 8.4.1.
- ▶ Inserte la boquilla, 8.5.1.
- ▶ Si lo desea, añada detergente, 12.4.
- ▶ Conecte el suministro de agua, 9.1.
- ▶ Conecte el cable de alimentación a un tomacorriente de pared debidamente instalado que coincida con la tensión y frecuencia eléctricas que se indican en la placa de características de la hidrolavadora. Solamente utilice un circuito individual para la conexión.
- ▶ Pruebe el interruptor de circuito de descarga a tierra (GFCI), 10.1

8 Armado de la hidrolavadora

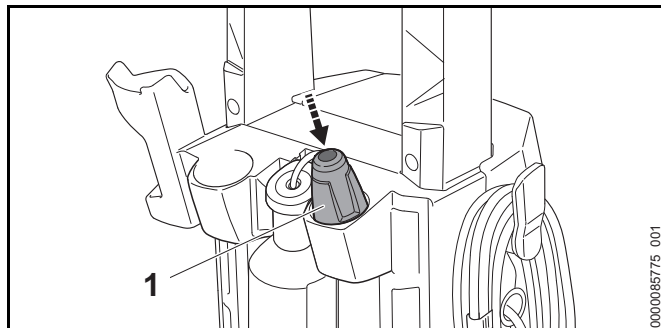
8.1 Armado de las piezas y accesorios

⚠ ADVERTENCIA

Para reducir el riesgo de sufrir lesiones graves con el chorro a presión alta, siempre apague la hidrolavadora, corte el suministro de agua, alivie la presión restante del sistema y bloquee el gatillo de la pistola antes de intentar armar la hidrolavadora o el accesorio pulverizador.

Mango

- Introduzca la barra de empuje (1) en la empuñadura (2).
- Inserte los tornillos (3) en la manija y apriételos.

Boquilla

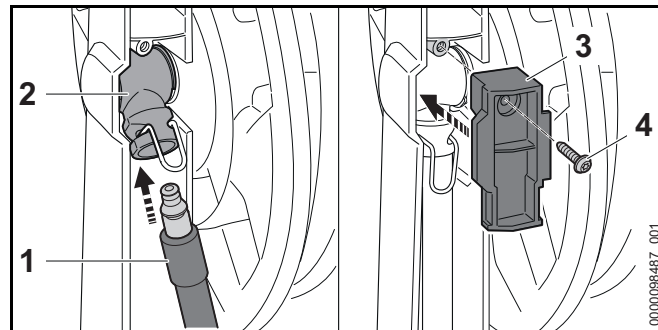
- Inserte la boquilla 3 en 1 (1).

8.2 Conexión de la manguera de presión alta**⚠ ADVERTENCIA**

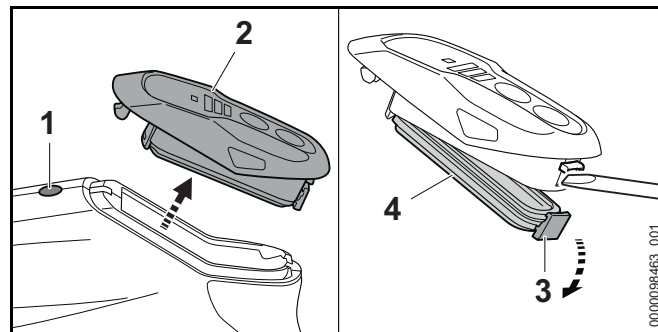
Antes de iniciar el armado, apague la hidrolavadora, desconéctela de la fuente de alimentación y asegure que se haya aliviado toda la presión del sistema para reducir el riesgo de lesiones por la liberación accidental del chorro.

Para conectar la manguera de presión alta:

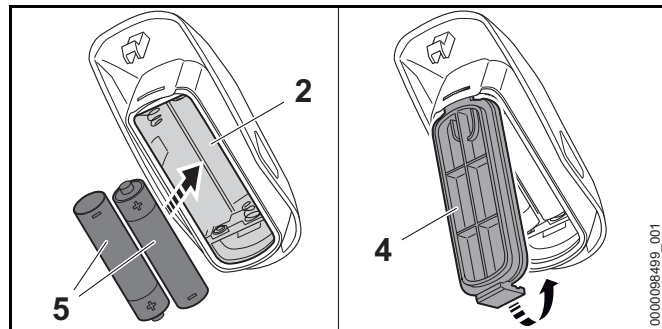
- Apague la hidrolavadora, 11.2.
- Desconecte la hidrolavadora de la fuente de alimentación.
- Cierre el suministro de agua.
- Quite toda la arena y suciedad de las conexiones y acoplamientos.



- Coloque la manguera de alta presión (1) en el acoplamiento (2).
- Coloque la tapa (3) de manera que quede a ras de la carcasa. Cubra el acoplamiento con la tapa.
- Introduzca el tornillo (4) en la tapa y apriételo.
- Si resulta difícil empujar la manguera de presión alta contra el acoplamiento, aplíquese una grasa apta para uso con alimentos a la superficie de sellado de la manguera.

8.3 Instalación de las pilas

- ▶ Oprima el botón de bloqueo (1).
- ▶ Retire el panel de control (2).
- ▶ Abra el pestillo de retención (3).
- ▶ Quite la cubierta (4).



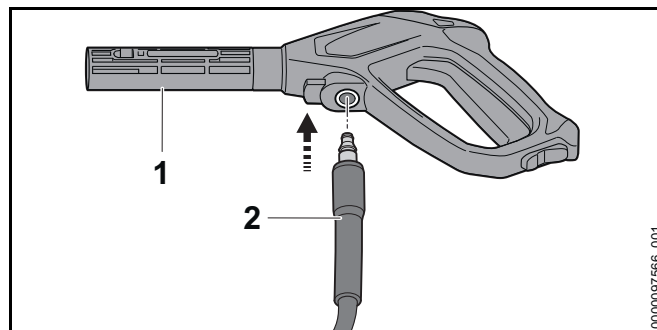
- ▶ Inserte las pilas (5) en el panel de control (2) según la polaridad (+/-).
- ▶ Cierre la cubierta (4).
- ▶ Introduzca el panel de control en la pistola de pulverización. El panel de control encaja con un clic audible.

8.4 Pistola rociadora y lanza

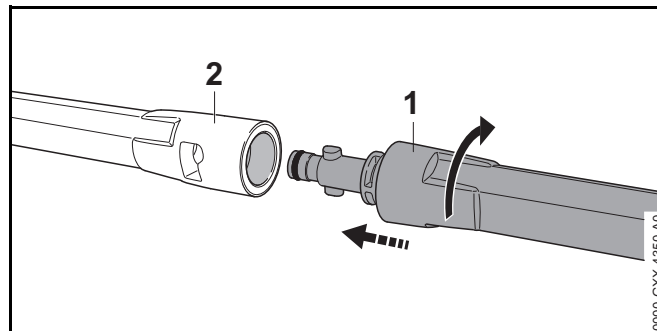
8.4.1 Conexión de la pistola rociadora y la lanza

Para conectar la pistola y la lanza:

- ▶ Apague la hidrolavadora, 11.2.
- ▶ Desconecte la hidrolavadora de la fuente de alimentación.
- ▶ Cierre el suministro de agua.
- ▶ Bloquee el disparador de la pistola de pulverización.
- ▶ Quite toda la arena y suciedad de las conexiones y acoplamientos.



- ▶ Empuje la manguera de presión alta (2) en la pistola rociadora (1).
- ▶ Si resulta difícil empujar la manguera de presión alta contra la pistola rociadora, aplíquela una grasa apta para uso con alimentos a la superficie de sellado de la manguera.



- ▶ Conecte la lanza rociadora (1) a la pistola (2).
- ▶ Introduzca la lanza de pulverización hasta el tope en la pistola de pulverización.
- ▶ Una vez insertada, gire la lanza rociadora en el sentido de las agujas del reloj hasta que encaje.
- ▶ Si la lanza rociadora es difícil de insertar en la pistola de pulverización, aplique una grasa de ajuste apta para alimentos a la superficie de sellado de la pistola de pulverización.