

# RYOBI POWER EQUIPMENT WARRANTY

Subject to the warranty conditions below, this RYOBI tool (hereinafter called "the Product"), is warranted by Ryobi (herein called "the Company") to be free from defects in material or workmanship for a period of 24 months from the date of original purchase covering both parts and labour. Under the terms of this warranty, the repair or replacement of any part shall be the opinion of the Company or its authorised agent. Should service become necessary during the warranty period, the owner should contact the authorised Ryobi retailer from whom the product was purchased, or the nearest Company branch office. In order to obtain warranty service, the owner must include the Sales Docket and Warranty Certificate to confirm date of purchase. This Product is sold by the dealer or agent as principal and the dealer has no authority from the Company to give any additional warranty or guarantee on the Company's behalf except as herein contained or herein referred to.

### Warranty Conditions

This warranty only applies provided that the Product has been used in accordance with the manufacturer's recommendations under normal use and reasonable care (in the opinion of the Company) and such warranty does not cover consumable components, damage, malfunction or failure resulting from

misuse, neglect, abuse, or used for a purpose for which it was not designed, or is not suited and no repairs, alterations or modifications have been attempted by other than an Authorised Service Agent. This guarantee will not apply if the tool is damaged by accident or if repairs arise from normal wear and tear.

Accessories such as bits, blades, sanding discs, cutting lines, etc., are excluded from this guarantee. Normal consumable parts, such as carbon brushes, bearings, chucks, cord assembly's, spark plugs, recoil pulleys and bump head assembly's are specifically excluded from this guarantee.

The Company accepts no additional liability pursuant to this warranty for the costs of traveling or transportation of the Product or parts to and from the service dealer or agent - which costs are not included in the warranty.

Nothing herein shall have the effect of excluding, restricting or modifying any conditions, warranty, right or liability imposed, to the extent only that such exclusion, restriction or modification would render any term herein void.



### STEVENS & CO (Pty) Ltd

604, 16th Street, Randjespark  
Midrand, South Africa

P O Box 4059  
HALFWAY HOUSE  
1685, South Africa

Tel: +27 (11) 357-9600  
Fax: +27 (11) 805-5541  
email: [stevens@ryobi.co.za](mailto:stevens@ryobi.co.za)

## THIS WARRANTY FORM SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES.

For your record and to assist in establishing date of purchase (necessary for in-warranty service), please keep your purchase docket and this form, completed with the following particulars.

PURCHASED FROM:.....

ADDRESS OF DEALER:.....

DATE:..... MODEL NO..... SERIAL NO.....

Present this form with your Purchase Docket when Warranty Service is required.

# RYOBI®

## OWNER'S OPERATING MANUAL HIGH PRESSURE WASHER MODEL AJP-1280

### SPECIFICATIONS

|                               |  |
|-------------------------------|--|
| Voltage.....                  | 230V~50Hz                                    |
| Rated input.....              | 1400W  |
| Working pressure.....         | 70 Bar (7.0MPa)                              |
| Maximum working pressure..... | 105 Bar (10.5MPa)                            |
| Inlet pressure.....           | 3 Bar (0.3MPa)                               |
| Max output flow rate.....     | 5.0L/min                                     |
| Protection class.....         | 2  |
| Degree of protection.....     | IPX5   |
| Supply water temperature..... | 5-40°C                                       |
| Power cable length.....       | 5m   |
| Hose length.....              | 3m   |
| Sound pressure level.....     | $L_{pA}$ 88.43dB(A),k=3dB(A)                 |
| Sound power level.....        | $L_{WA}$ 95.23dB(A),k=3dB(A)                 |
| Vibration level.....          | 2.41m/s <sup>2</sup> , K=1.5m/s <sup>2</sup> |
| Net weight.....               | 5.5kg  |

### THANK YOU FOR BUYING A RYOBI HIGH PRESSURE WASHER

Your new pressure washer has been engineered and manufactured to Ryobi's high standard of dependability, ease of operation and operator safety. Properly cared for, it will give you years of rugged, trouble free performance. If you use your pressure washer properly and only for what it is intended, you will enjoy years of safe, reliable service.



**CAUTION:** Carefully read through this entire owner's manual, paying close attention to the general safety rules and rules for safe operation, before using.

**KEEP THIS MANUAL FOR FUTURE REFERENCE**

# IMPORTANT SAFETY INSTRUCTIONS

The purpose of safety rules is to attract your attention to possible dangers. The safety symbols and the explanations with them, require your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instruction or warnings they give are not substitutes for proper accident prevention measures.



**SAFETY ALERT SYMBOL.** Indicates danger, caution or warning. May be used in conjunction with other symbols or pictures.

Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

Do not attempt to operate this tool until you have read thoroughly and completely understood the safety rules, etc. contained in this manual. Failure to comply can result in accidents involving fire, electric shock or serious personal injury. Save this Owners Operating Manual and review it frequently for continual safe operation and for instructing others who may use this tool.

## INTENDED USE

Your Ryobi high pressure washer has been designed for domestic use only. It may be used for cleaning machines, vehicles, buildings, tools, facades, terraces, gardening tools, etc. by means of a high-pressure water jet (if necessary, with additional cleaning agents).

Only use with accessories, replacement parts and cleaning agents approved by Ryobi. Please observe the information accompanying the cleaning agents.



### WARNING

To reduce the risk of injury, the user must read and understand the operator's manual.



### WARNING

Do not attempt to operate this tool until you have read thoroughly and understood completely all instructions, safety rules etc contained in this manual. Failure to comply may result in accidents involving fire, electric shock or serious personal injury. Save operator's manual and review frequently for continuing safe

operation, and instructing others who may use this tool.

## ELECTRIC COMPONENTS DANGER!



Risk of electric shock.

Never touch the mains plug and the socket with wet hands.

Check the power cord with mains plug for damage prior to every use. Immediately have damaged power cord replaced by an authorised customer service / electrician. Do not operate an appliance if the power cord is damaged.

All current-conducting parts in the working area must be protected against jet water.

The mains plug and the coupling of an extension cable must be watertight and must never lie in water. Moreover, the coupling may never lie on the ground. The use of cable reels that ensure that the sockets are at least 60 mm above the ground is recommended.

Make sure that the power cord or extension cable is not damaged by running over, pinching, dragging or the like. Protect the power cords from heat, oil, and sharp edges.

Turn off the appliance and remove the mains plug prior to any care and maintenance works.

Repair work and work on the electrical components may only be performed by an authorised customer service.



**WARNING.** The appliance may only be connected to an electric supply that has been installed by an electrician in accordance with IEC 60364.

The appliance may only be connected to alternating current. The voltage must correspond with the type plate of the appliance.

For safety reasons, we recommend that you operate the appliance only via a residual current device (max. 30mA).

An unsuitable electrical extension cable can be hazardous. Only use an electrical extension cable which has been approved and labelled for this purpose and has an adequate cable cross-section outdoors: 1-10 m: 1.5 mm<sup>2</sup>; 10-30 m: 2.5 mm<sup>2</sup>.

# IMPORTANT SAFETY INSTRUCTIONS

Always fully unreel the extension cable from the cable drum.

## SAFE HANDLING



**DANGER!** The user must use the appliance as intended. The person must consider the local conditions and must pay attention to other persons in the vicinity when working with the appliance.

Check important components, such as high pressure hose, hand spray gun and safety installations, for damage prior to every operation. Immediately replace damaged components. Do not operate appliance with damaged components.

High-pressure jets can be dangerous if improperly used. The jet may not be directed at persons, animals, live electrical equipment or at the appliance itself.

The high-pressure jet must not be directed at other persons or the user him-/herself to clean clothing or footwear.

Vehicle tyres/tyre valves are susceptible to damage from the high-pressure jet and may burst. The first indication for this is a discolouration of the tyre. Damaged vehicle tyres/ tyre valves are perilous. Keep a minimum jet distance of 30 cm during cleaning!



**WARNING.** Do not use the appliance when there are other persons around unless they are also wearing protective clothing.

The appliance must not be operated by children or persons who have not been instructed accordingly.

This appliance is not intended for use by persons with limited physical, sensory or mental capacities or lacking experience and/or skills, unless such persons are accompanied and supervised by a person in charge of their safety or they have received precise instructions on the use of this appliance and have understood the resulting risks.

Children must not play with this appliance.

Supervise children to prevent them from playing with the appliance.

**CAUTION.** Create stability for the appliance prior to any work on or with the appliance to prevent accidents or damage.

The water jet that is emitted from the high-pressure nozzle results in a repulsion power acting on the hand spray gun. Make sure that you have a firm footing and are also holding the hand spray gun and spray lance firmly.

Never leave the appliance unattended as long as it is in operation.

## ATTENTION

In case of extended breaks, switch off the appliance at the appliance switch.

Do not operate the appliance at temperatures below 0 °C.

## OTHER RISKS



**DANGER!** The appliance may not be operated in explosive atmospheres.

Never use the appliance to clean objects containing hazardous substances (e.g. asbestos).

Do not spray flammable liquids.

Never draw in fluids containing solvents or undiluted acids and solvents! This includes petrol, paint thinner and heating oil. The spray mist is highly inflammable, explosive and poisonous. Do not use acetone, undiluted acids and solvents, as they corrode the materials used on the appliance.

Keep packaging films away from children, there is a risk of suffocation!



**WARNING.** According to applicable regulations, the appliance must never be used on the drinking water net without a system separator. Ensure that the connection of your building water installation on which the high-pressure cleaner is operated is equipped with a system separator pursuant to EN 12729 Type BA.

Water that has flown through a system separator is no longer classified as drinking water.

High-pressure hoses, fixtures and couplings are important for the safety of the appliance. Only use high-pressure hoses, fixtures and couplings recommended by the manufacturer.

When disconnecting the supply or high pressure hose, hot water may leak from the connections after operation.

# IMPORTANT SAFETY INSTRUCTIONS

**CAUTION.** Mind the weight of the appliance when selecting the storage location and during transport to prevent accidents or injuries.

## WORKING WITH DETERGENT



**WARNING.** This appliance was designed to be used with detergents which are supplied or recommended by the manufacturer. The use of other detergents or chemicals may compromise the safety of the appliance.

The improper use of detergents can cause severe injuries or toxication.

Store detergents away from the reach of children.

## SAFETY DEVICES



**WARNING.** Safety installations serve the protection of the user and may not be modified or bypassed.

## APPLIANCE SWITCH

The appliance switch prevents unintentional operation of the appliance.

## LOCK TRIGGER GUN

This lock locks the lever of the trigger gun and prevents the inadvertent start of the appliance.

## OVERFLOW VALVE WITH PRESSURE SWITCH

The overflow valve prevents the permissible working pressure from being exceeded.

If the lever on the trigger gun is released the pressure switch turns off the pump, the high pressure jet is stopped. If the lever is pulled the pump is turned on again.

## PERSONAL PROTECTIVE EQUIPMENT

Wear protective clothing and safety goggles to protect against splash back containing water or dirt.

During the use of high-pressure cleaners aerosols can develop. Inhaling aerosols can cause health damage. Depending on the application, completely shielded nozzles (e.g. surface cleaner) that significantly reduce the emission of aqueous aerosols can be used for high-pressure cleaning.

The use of such shielding is not possible with all applications.

If the use of a completely shielded nozzle is not possible, a respirator of the category FFP 2 or the like should be used, depending on the environment to be cleaned.

## GENERAL SAFETY RULES

**WARNING!** Read all instructions Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "power tool" in all of the warnings listed below refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

## SAVE THESE INSTRUCTIONS

### 1) WORK AREA

- a) Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

### 2) ELECTRICAL SAFETY

- a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

# IMPORTANT SAFETY INSTRUCTIONS

## 3) PERSONAL SAFETY

- a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- b) Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- d) Remove any adjusting key or wrench before turning the power tool on.  
A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

## 4) POWER TOOL USE AND CARE

- a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive

safety measures reduce the risk of starting the power tool accidentally.

- d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could result in a hazardous situation.

## 5) SERVICE

- a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

## DESCRIPTION



1. Handle
2. Trigger gun holder
3. Cable holder
4. Wheels
5. Water supply inlet
6. Trigger gun
7. Adjustable fan nozzle
8. Spray lance

9. Cleaning needle
10. Quick connector (Male)
11. High pressure hose
12. Connection to trigger gun
13. Power cable
14. On/Off dial
15. High pressure outlet
16. Connection to high pressure outlet

# UNPACKING



**CAUTION.** This packaging contains sharp objects. Take care when unpacking. Remove the machine, together with the accessories supplied, from the packaging. Check carefully to ensure that the machine is in good condition and account for all the accessories listed in this manual. Also make sure that all the accessories are complete.

If any parts are found to be missing, the machine and its accessories should be returned together in their original packaging to the retailer. Do not throw the packaging away, keep it safe throughout the guarantee period, then recycle if possible, otherwise dispose of it by the proper means. Do not let children play with empty plastic bags due to the risk of suffocation.

# ASSEMBLY

## PACKING CONTENTS

- Pressure washer assembly
- Trigger gun, spray lance, adjustable fan nozzle
- High pressure hose
- Quick connector and cleaning needle
- Cable holder and 4 connecting screws
- Handle and 2 connecting screws
- Trigger gun holder
- Operator's manual.



**WARNING.** If any parts are damaged or missing, do not operate this product until the parts are replaced. Use of this product with damaged or missing parts could result in serious personal injury.



**WARNING.** Do not connect to power supply until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.



**WARNING.** Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

## TOOLS NEEDED

The following tools (not included) are needed for assembly: Phillips Screwdriver

## ATTACHING THE HANDLE

Slide the handle onto the two fasteners located on top of the pressure washer, Fig.1, and using a screwdriver fasten in place with the 2 connecting screws, Fig.2.

## ATTACHING THE TRIGGER GUN HOLDER

Simply slide the trigger gun holder onto the fastener located on the side of the pressure washer, Fig.3. Ensure the holder is pushed down completely.

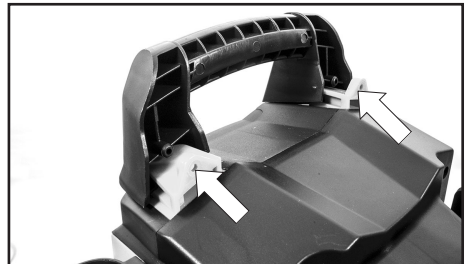


Fig. 1



Fig. 2



Fig. 3



# ASSEMBLY

## ATTACHING THE CABLE HOLDER

Slide the opening of the plastic cable holder bracket into the moulded opening on the rear of the pressure washer, Fig.4. Using a screwdriver fasten in place with the 4 connecting screws in the positions shown in Fig.5. Ensure the connecting screws are securely tightened.

## FITTING THE SPRAY LANCE

Before using the washer fit the spray lance to the trigger gun.

Fit the spray lance into the trigger gun by inserting the spray lance section bayonet connector into the trigger gun bayonet socket by inserting, rotating and then releasing so the bayonet fitting is locked in the groove of the bayonet socket, Fig.6.

## FITTING THE ADJUSTABLE FAN NOZZLE

Before using the washer fit the adjustable fan nozzle to the spray lance.

Push the adjustable fan nozzle into the end of the spray lance. An audible click will be heard when it locks into place, Fig.7.

To remove the adjustable fan nozzle pull the locking cap, Fig.7 (7.1), back towards the trigger gun and remove the nozzle by pulling it forwards.

## FITTING THE HIGH PRESSURE HOSE TO THE PRESSURE WASHER

Remove the plastic cap from the high pressure outlet.

Carefully cut and remove the cable ties from around the high pressure hose and unwind, making sure not to damage the hose surface.

Attach the high pressure hose connector to the high pressure outlet on the pressure washer, Fig.8. Screw the fittings together until tight.

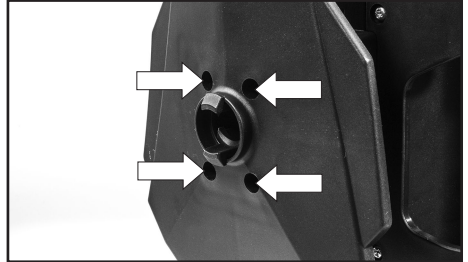


Fig. 5

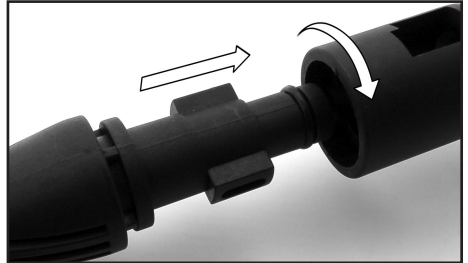


Fig. 6

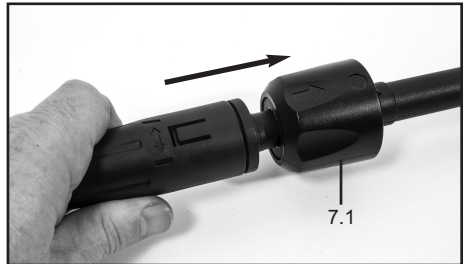


Fig. 7



Fig. 4



Fig. 8

## ASSEMBLY

### FITTING THE HIGH PRESSURE HOSE TO THE TRIGGER GUN

Insert the free end of the high pressure hose into the corresponding opening on the trigger gun until you hear it click into place, Fig.9. Check the secure connection by pulling on the high pressure hose.

Press the release button, Fig.9 (9.1), to remove the high pressure hose from the trigger gun, and pull the hose out.



**WARNING.** If the high pressure hose sustains damage, it can burst and cause injury. A damaged hose must be replaced, not repaired. Inspect regularly and prevent the hose coming into contact with sharp objects or rough surfaces.

### CONNECTING TO A WATER SUPPLY



**WARNING.** When connecting a pressure washer to a normal house water supply it is important a non-return valve is fitted to the hose (also called a backflow preventer) to ensure the pressure washer cannot contaminate your water supply if there is a backflow.

Remove the plastic cap from the water supply inlet connector.

Check the filter inside the water inlet connector is clear of debris or any other material. Over time debris may build up and the filter will need to be checked regularly and any debris build-up removed. This filter must not be removed except for examination and cleaning.

Fit the quick connector to the water supply inlet connector and tighten by hand only, Fig.10

Connect a hose from the water supply to the fitted quick connector.

### NOTE

The specification lists suitable water inlet pressures. Do not exceed the maximum water pressure stated in the specification.

If you do not know or are unable to measure the water pressure, keep the pressure low to prevent damage to the pressure washer. Aim to set the pressure at mid-point between the lowest and highest water pressure accepted by the pressure washer. If preferred, a third party water pressure gauge is available that connects directly to the tap.



Fig. 9

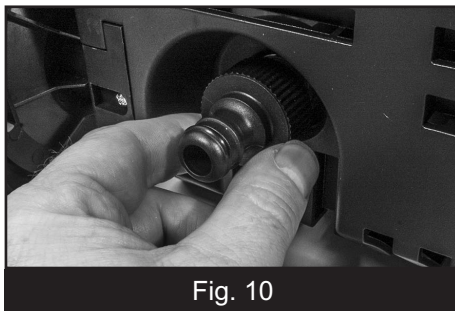


Fig. 10

This will allow the water pressure to be set more accurately.

Do not connect to a hot water supply. This will prevent the pump from cooling and may damage the seals over time

It is important that a good water connection is maintained while operating a pressure washer, as the pump will be damaged if run without water. Make sure the connections are secure before switching on the pressure washer.

## BEFORE USE

Always check that all parts and attachments are secure, and that hoses are not kinked or obstructed.

Always wear appropriate personal protective equipment. Use of this machine requires safety goggles and waterproof clothing.

Always use an RCD when connecting a pressure washer to the mains with a tripping current no more than 30mA and a delay in operating of no more than 30ms.

Make sure any mains connection points are out of reach of the pressure washer water spray, or any water that may collect on a surface around where you are spraying.

Only use a mains extension cable suitable for outdoor use, and capable of carrying the required current for this product. The extension cable must be protected against water ingress with water-tight connections where it connects to the pressure washer mains cable.

This product must be earthed and any extension cables used must have an earth connection

Always use the pressure washer vertically and make sure it is used on a flat, level surface.

## OPERATION



**WARNING.** Before connecting to the mains power supply please ensure that the ON / OFF switch is in the OFF position and the water supply is connected and is turned on. Running the pressure washer without any water supplied to it will damage the pump.

### SWITCHING ON

Connect the pressure washer mains lead to the mains electricity supply via a residual current device (RCD) (not supplied). Start the power washer by turning the On/Off dial to the ON (I) position, Fig 11.

**Note:** During normal operation the pressure washer pump motor will only start when the trigger is squeezed and will stop when the trigger is released.

### TRIGGER GUN SAFETY LOCK

In order to prevent accidental operation of the trigger gun, the gun is fitted with a safety lock. To engage the safety lock, push the safety lock lever upwards, Fig 12, until it locks into place. To disable the safety lock, release the trigger and push the lever downwards.

**Note:** The motor only runs when the trigger is operated. When the pressure washer is not in use, we recommend that you lock the gun using the trigger lock for safety reasons. Switch the unit OFF when not in use for extended periods of time and expel pressurised water in the unit by operating the trigger gun while the unit is in the OFF position.



Fig. 11



Fig. 12

# OPERATION

## ADJUSTING THE SPRAY PATTERN

Pencil or fan water spray patterns can be obtained by rotating the end of the adjustable fan nozzle clockwise or anti-clockwise, Fig 13. The fan spray pattern is the most commonly used for general cleaning operations. The pencil spray pattern is used to remove localized stubborn contamination such as oil stains.

Note: before using the pressure washer to clean patio paving slabs it is advisable to test a small area first, some paving slabs are manufactured from inferior materials and the use of a pressure washer could damage the surface.

## HELPFUL HINTS

Before starting cleaning remove any objects which could cause a hazard. Ensure that all doors and windows are closed (where appropriate).

The adjustable lance allows you to use a variety of spray patterns from a fan to a pencil jet. When using the pressure washer to clean decking, patios, vehicles, etc., always start by using the fan spray and begin spraying from a minimum 30cm away to avoid damaging the surface of the material to be cleaned. The pressure of the spray on the surface you are cleaning increases as you move the nozzle closer to the surface. We recommend that for most cleaning applications a 45° spray angle should be used to avoid damaging the surface being cleaned. Spraying directly "head-on" tends to cause dirt particles to embed in the surface.



**WARNING.** Do not adjust the nozzle while the trigger is squeezed.

## NOZZLE CLEANING INSTRUCTIONS

A clogged or partially clogged nozzle can cause a significant reduction of water coming out of the nozzle and cause the unit to pulsate or totally stop while spraying. To clean out the nozzle:

- Turn off and unplug the unit.
- Turn off the water supply and relieve any pressure within the unit by squeezing the trigger 2-3 times.
- Separate the lance from the gun.
- Rotate the nozzle to the narrow stream setting. This opens up the fan blades.
- Using the cleaning needle or an unfolded paper clip, insert the needle into the nozzle hole and move it back and forth until the debris is dislodged, Fig 14.



Fig. 13

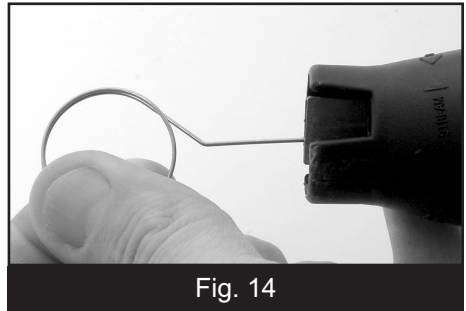


Fig. 14

- Remove additional debris by back-flushing water through the nozzle. To do this, place the end of a garden hose (with water running) to the end of the nozzle for 30-60 seconds.

## DETERGENTS

The use of detergents can dramatically reduce cleaning time and assist in the removal of difficult stains. Some detergents have been customized for pressure washer for specific cleaning tasks. These detergents are approximately as thick as water.

The cleaning power of detergents comes from applying them to a surface and giving the chemicals time to break down the dirt and grime. Detergents work best when applied at low pressure. Follow this with a high pressure rinse for best cleaning results. On vertical surfaces, apply the detergent starting at the bottom and work your way upward. This will prevent the detergent from sliding down and causing streaks. High pressure rinsing should also progress from the bottom upwards. On particularly tough stains it may be necessary to use a brush in combination with detergents and high pressure rinsing.

# OPERATION

## USE OF DETERGENTS

This high-pressure cleaner is designed for use with universal, car, boat, house and garden cleaning agents that are recommended by the manufacturer and are approved for use on high-pressure cleaners.

The use of other cleaning agents or chemicals may compromise the safety and functioning of the equipment.

When using cleaning agents, follow the manufacturer's application and dosage instructions.

Do not use caustic cleaning agents.

Seek advice about suitable cleaning agents from specialised dealers.

## OPERATION

The following cleaning procedure will help you organize your cleaning task and ensure that you achieve the most beneficial results in the shortest amount of time. Remember to use the spraying/cleaning techniques previously listed.

### 1. SURFACE PREPARATION

It is important to prepare the surface that is to be cleaned. This is done by clearing the area of furniture and making sure that all windows and doors are closed tight. In addition, you should make sure that all plants and trees adjacent to the cleaning area are protected by a drop cloth. This will ensure that your plants won't be sprayed by the detergents.

### 2. INITIAL HIGH PRESSURE RINSE

The next step is to spray the cleaning surface with water to clear off any dirt or grime that may have collected on the surface. This will allow your detergent to attack the deep down dirt that has worked its way into the cleaning surface.

Before triggering the gun, adjust the nozzle to a wide fan pattern and slowly adjust to the desired spray pattern. This will help you avoid applying too much concentrated spray to the surface which could cause damage.

## EXTENDING THE LIFE OF THE PRESSURE WASHER

1. Never operate the unit without water.
2. This pressure washer is not designed to pump hot water. Never connect it to the hot water supply – this will significantly reduce the life of the pump.

3. Only use detergents specifically designed for pressure washers. Other types of detergent may cause internal damage to the unit, as might chemicals such as bleach, washing-up liquid, etc.
4. Never operate the unit for more than one (1) minute without spraying water. Otherwise, the resulting heat build up will damage the pump.

## FINISHING THE CLEANING PROCESS

Switch off high-pressure washer by turning the On/Off dial to "OFF" and disconnect the mains plug.

Turn off the water supply and disconnect the equipment from the water supply.

Squeeze the gun trigger, until the equipment is depressurised.

Lock the gun trigger with the trigger lock.

Disconnect the high-pressure hose from the spray gun by pressing the release button, and remove the tube from the gun by pulling downwards.

Store equipment in a secure location that is frost-free and out of the reach of children.

Before longer periods of disuse and storage during the winter, allow to run for about 5 seconds without any water supply and with the high pressure hose disconnected. By doing this, the pump will be emptied of as much of the remaining water as possible, which will virtually remove the risk of damage due to water freezing inside the equipment.

## MAINTENANCE



**WARNING.** When servicing use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.



**WARNING.** Always wear eye protection with side shields marked to comply with ANSI Z87.1. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.



**WARNING.** Before carrying out any maintenance, always disconnect the pressure washer from the mains supply and, if necessary, allow the machine to cool down before starting work.

### GENERAL MAINTENANCE

Cleaning and maintaining the pressure washer regularly will give a long and trouble free life.

Before long term storage it is advisable to give the pressure washer a thorough clean. This should include the removal of all fitted accessories. Do not use any solvents as these can damage plastic parts.

Only clean the casing with a dry cloth and do not use any cleaning agents, as these may damage the casing.



**WARNING.** Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

Always allow all water to drain from the pump before storing

The fan nozzle may get dirty or blocked over time which will effect operation. Clean the fan nozzle using the cleaning pin. A garden hose can also be used to clean the nozzle by back-flushing water through the nozzle. Combining use of the pin and back-flushing should enable the nozzle to be fully cleaned. The frequency of doing this will depend on the water quality in your area with hard water areas requiring more frequent cleaning.

Regularly check the water supply inlet connector filter to make sure it is clear.

### STORAGE

Always store this machine in a dry place that will not fall below 0°C

## RECYCLING AND DISPOSAL

### GENERAL MAINTENANCE

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

Recycle rather than dispose of unwanted material in landfill whenever possible. The machine must be delivered in rigid packaging to avoid damage during transportation. The packaging and the machine itself are manufactured from recyclable materials and should be disposed of accordingly.

Only dispose of electrical/electronic/battery items in separate collection schemes, which cater for the recovery and recycling of materials contained within. Your cooperation is vital to ensure the success of these schemes and for the protection of the environment.

Recycle packaging where facilities exist.



This symbol is known as the Crossed out Wheeled Bin Symbol. When this symbol is marked on a product or battery, it means that it should not be disposed of with your general household waste. Some chemicals contained within electrical/electronic products or batteries can be harmful to health.




# TROUBLESHOOTING

| Fault   | Probable Cause                                   | Repair  |
|---|--|---|
| When switched on the machine will not start   | Plug is not connected                            | Make sure the plug is connected to the mains supply                               |
|   | The residual current device (R.C.D.) has tripped | Check the operation of the (R.C.D.) and re-set if required                        |
|   | Thermal switch has tripped                       | Switch off and let motor cool down  |
| Fluctuating pressure                          | Pump sucking in air                              | Check connections are tight   |
|   | Valves dirty, worn out or seized                 | Have machine checked by a Tool Centre   |
| Water leaking from pump                       | Seals worn out                                   | Have machine checked by a Tool Centre   |
| The motor stops suddenly                      | Thermal cutout has activated due to overheating  | Switch off and let machine cool down<br>If problem persists contact a Tool Centre |
| The pump does not reach the required pressure | Pump sucking air from connections or hose        | Check tightness of all connections  |
|   | Suction/delivery valves are clogged              | Clear or replace valves. Have machine checked by Tool Centre                      |
|   | Unload valve is stuck                            | Loosen and re-tighten regulation screw  |
|   | Lance or nozzle worn out                         | Check and/or replace  |

# SERVICE











Now that you have purchased your tool, should a need ever exist of repair or service, simply contact your nearest Ryobi Authorised Service Centre or other qualified service organisation. Be sure to provide all pertinent facts when you call or visit.

# SYMBOLS

| SYMBOL  | SIGNAL         | MEANING  |
|---|----------------|--|
|  | <b>DANGER:</b> | Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.  |
|  | <b>WARNING</b> | Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury. |
|  | <b>CAUTION</b> | Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.  |
|   | <b>CAUTION</b> | (Without Safety Alert Symbol) Indicates a situation that may result in property damage.                      |

# SYMBOLS

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

| SYMBOL  | NAME   | DESIGNATION/EXPLANATION  |
|---|--|--|
|    | Safety Alert Symbol                          | Indicates danger, warning or caution. It means attention!!! Your safety is involved.   |
|    | Read Your Operator's Manual                  | Your manual contains special messages to bring attention to potential safety concerns as well as operating and servicing information. Please read all the information carefully to ensure satisfaction and safe use. |
|    | Wear eye, hearing and head protection        | Wear eye, hearing and head protection when operating this equipment.   |
|    | Remove the power supply                      | Disconnect from the power supply when not in use or for maintenance and repair.  |
|    | Protect from frost                           | Always store this machine in a dry place that will not fall below 0°C  |
|     | Never aim the water jet at people or animals | High-pressure jets can be dangerous if improperly used. The jet may not be directed at persons, animals, live electrical equipment or at the appliance itself.   |
|    | Do not use on drinking water supply.         | According to the applicable regulations, the appliance must never be used on the drinking water supply without a system separator  |
|   | Insulation Symbol                            | Double insulated for additional protection.  |
|  | Recycle Symbol                               | Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.                                   |
|  | CE Marking                                   | Conforms to relevant safety standards.   |