

BLACK RIDGE®

**2.6HP 1900PSI
PRESSURE WASHER**



For service, spare parts or product information,
please contact Smart Marketing Group Pty. Ltd.

AUST. 1300 660 457 N.Z. 0800 474 876

SUGGESTED APPLICATIONS

These are some suggested articles which could be cleaned by this pressure washer:

- Concrete driveway
- Paved area
- Car
- Motorbike
- Truck
- Wall
- Garden feature

CONTENTS

Section	Page
Contents	2
Suggested Applications	2
Introduction	3
Guarantee	3 – 4
General Safety Instructions	5 – 7
Specific Safety Instructions	8
Fuel & Oil Information	9
Components and Controls	10
Assembly Instructions	11 – 12
Operating Instructions	13 – 17
Cleaning Tips	18
Maintenance	19 – 20
Trouble Shooting	21
Parts Diagram	22
Service Log	23
Technical Information	24
Contact Information	24

INTRODUCTION

Dear Customer,

Thank you for purchasing this pressure washer which has passed through our extensive quality assurance processes. Every care has been taken to ensure that it reaches you in perfect condition. However, in the unlikely event that you should experience a problem, or if you require any assistance please do not hesitate to contact us;



If you have a problem, call customer service do not return this pressure washer to the place of purchase.

CUSTOMER SERVICE

Australia: 1300 660 457

New Zealand: 0800 474 876

Operating times: Monday – Friday

8.30am - 5.30 pm

Australian Eastern Standard Time (AEST)

EXPRESS WARRANTY STATEMENT PRESSURE WASHER GROUP

You are not required to do anything to register your pressure washer purchase. Please attach the purchase receipt to this manual and ensure both are kept safe. We hope you enjoy your new pressure washer, and if you have any problems call customer service on the above phone numbers. Do not return to place of purchase.

Smart Marketing Group Pty Ltd (SMG) warrants that this pressure washer will be free from manufacturing faults or defects for 12 months from the date of purchase, providing original purchase receipt is kept and shown when needed and is subject to the terms and conditions below.

If a warranty fault appears within the warranty period, SMG reserves the right to replace or repair the product. In the event that SMG chooses to replace the product, this original warranty will expire at the original date. If the product includes various accessories or components, only the defective accessory or component will be replaced or repaired.

SMG reserves the right to replace defective parts of the product with parts and components of similar quality, grade and composition where an identical part or component is not available.

Products presented for repair may be replaced by refurbished products of the same type rather than being repaired. Refurbished parts may be used to repair the products.

What is covered.

- Manufacturing fault or defect.

How to claim under this warranty.

- Call customer service, phone number at the top.
- Ensure you have the following: Original purchase receipt, Model of pressure washer, Serial number of pressure washer.
- Discuss the issue.
- Customer service will advise which authorised service agent to take the pressure washer to provided the issue is a warranty one.
- Take pressure washer to authorised service agent for repair.

What is not covered.

- Commercial use of pressure washer.
- Use of pressure washer in a commercial premises.
- Damage caused by incorrect fuel or incorrectly mixed 2 stroke fuel.
- Damage or deterioration due to transport.
- Damage caused by negligence, misuse, abuse or accident or incorrect voltage and wattage.
- Any corrosion or rusting.
- Damage caused by incorrect set up and start up.
- Replacement parts due to general wear and tear.
- Pressure washers with serial number defacement, modification or removal.
- Pressure washers which have been serviced by other than an authorised SMG service agent.
- Pressure washers with no original purchase receipt.
- Pressure washers which have been on sold, not original purchaser.
- Damage due non-servicing of pressure washer as is required by this manual.
- Blockages / damage caused by dust, dirt, spiders webs or insects.
- Damage caused by the incorrect fitting of accessories.
- Damage caused by overloading, overworking the pressure washer.
- Damage to attached equipment or third party accessories.
- Damage caused by attached equipment or third party accessories.

CONTACT DETAILS

Smart Marketing Group Pty Ltd
33-35 Lionel Road, Mt. Waverley
Victoria 3149, Australia.

Tel (+613) 9543 7266 Fax (+613) 9543 9839
sales@smga.com.au

COMPLETE WARRANTY STATEMENT – PRESSURE WASHER GROUP

As soon as you have purchased the pressure washer, we recommend that you check to make sure it is intact and that you read the operating instructions carefully before using it. The purchase receipt for this product is to be retained and must be presented if making a claim under the terms of the Smart Marketing Group (SMG) warranty. Bank account statements are not acceptable for proof of purchase.

This warranty does not cover pressure washers intended for hire or use in commercial applications or in commercial premises. The warranty will under no circumstances extend to reimbursement or payment of damages, whether direct, indirect or consequential. The warranty is void if there is evidence the pressure washers has been modified or tampered with in any way or used with unauthorised accessories without our consent.

SMG declines any responsibility or liability whatsoever arising from misuse or abuse, negligent handling of the pressure washers or if the product has not been installed or failure to comply with the relevant safety, operating, setting and maintenance instructions (see further in this manual).

The warranty does not extend to installation or disconnection costs.

Any item sent freight forward/collect for repair will be refused. Warranty repairs are free of charge, provided the appliance is delivered to our service department or authorised service agent. The pressure washer will need to be returned, adequately protected in a box. SMG will not be responsible for any in-transit loss or damage. Assistance under the warranty will only be made available if the request is made to our customer service team on the contact numbers listed below and proof of purchase is provided.

This is a repair only warranty you will need to take the pressure washer to the authorised service agent after contacting our customer service centre.

If the product includes various accessories or components, only the defective accessory or component will be replaced or repaired.

SMG reserves the right to replace defective parts of the product with parts and components of similar quality, grade and composition where an identical part or component is not available.

Products presented for repair may be replaced by refurbished products of the same type rather than being repaired. Refurbished parts may be used to repair the products.

Damage caused by third party accessories is not covered under this warranty.

Damage caused to attached equipment or third party accessories will not be covered under this warranty.

Rust and corrosion are not covered under this warranty.

If a warranty fault is found the freight cost will be credited to the owner. If no fault is found the product will be returned and any costs associated with the service will be charged to the owner.

Blockages caused by spider webs, insects, dirt, accumulated dust, incorrect fuel or incorrectly mixed 2-stroke fuel are not covered by warranty. SMG reserves the right to replace or repair the appliance within the warranty period. Parts found to be defective due to a manufacturing default will be replaced free of charge.

In the event of SMG choosing to replace the appliance, the warranty will expire at the original date of purchase. If no warranty fault is found the owner will be advised and the product will be returned and any costs associated with the service will be charged to the owner.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The benefits of this warranty are in addition to any rights and remedies imposed by Australian State and Federal legislation that cannot be excluded.

In New Zealand, this SMG warranty is in addition to the conditions and guarantees which are mandatory as implied by the New Zealand Consumer Guarantee Act 1993. For service, spare parts or product information please contact customer service:

Australia: 1300 660 457

New Zealand: 0800 474 876

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SAFETY

Before attempting to operate this pressure washer the following basic safety precautions should be taken to reduce the risk of fire, electric shock and personal injury. It is important to read the instruction manual and to understand applications, limitations and potential hazards associated with this pressure washer. It is important that you read, understand and follow these instructions very carefully. They are designed for the safety of yourself and others ensuring a long and trouble free service life from your pressure washer. This pressure washer is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.

OPERATING ENVIRONMENT

ALWAYS use your pressure washer in an open well ventilated area. Do not expose your pressure washer to rain. Do not expose your pressure washer to direct sunlight. Keep the work area well lit. Do not use your pressure washer in areas where there is a risk of explosion or fire from combustible materials, flammable liquids, paint, varnish, petrol, etc flammable gases and dust of an explosive nature. As a precaution it is recommended that you consult an expert on selecting and using a suitable fire extinguisher and have it available for use in an emergency when operating the pressure washer.

BEWARE OF CHILDREN & PETS

Children and pets should be kept out of the operating area. Children should not be allowed to touch or operate pressure washers. All pressure washers should be kept out of reach of children. When NOT in use keep the pressure washer preferably stored or locked in a secure well ventilated cabinet or room with the fuel tank empty.

SELECT A PRESSURE WASHER WITH A SUFFICIENT RATING

Select the right pressure washer for the job. Do not use a pressure washer to do a job for which it was not designed. Do not force a small pressure washer to do the job of a heavy duty pressure washer. Any damage caused by overloading will void the warranty. Do not use pressure washers for purposes not intended.

FUEL

Fuel used in this pressure washer is poisonous. Always wear approved breathing protection when decanting fuel. If you get any fuel on your skin or clothes wash the affected area immediately with soap and water and change your clothes. If you get fuel in your eyes wash immediately with clean water and seek medical attention. If any fuel is swallowed DO NOT induce vomiting, seek immediate medical attention.

HOT COMPONENTS

Beware many of the components will get hot during use. Never touch any of the metal pipes, pump or motor as these may burn.

MAINTAIN YOUR PRESSURE WASHER WITH CARE

When not using your pressure washer ensure the fuel cock is 'OFF'. Never leave the fuel cock 'ON' as this can damage the carburettor. Follow the instructions for lubricating and changing accessories. Keep handles clean, dry and free from oil and grease. Ensure that ventilation slots are kept clean and free from dust at all times. Blocked ventilation slots can cause overheating and damage to the motor. Ensure that the air and fuel filters are kept clean at all times.

REMOVE ADJUSTING KEYS AND WRENCHES

Form the habit of always checking to see that any adjusting keys or wrenches have been removed from the pressure washer before operating.

FIRE PRECAUTIONS

Always contact your fire authority before using the pressure washer on fire restricted days. It is not recommended to use your pressure washer when a total fire ban is in force. Never refuel your pressure washer while it is still running. As a precaution it is recommended that an expert is consulted on obtaining and using a suitable fire extinguisher.

CLEANING YOUR PRESSURE WASHER

Always stop your pressure washer before you commence cleaning. Always ensure that your pressure washer has cooled, about one (1) hour, before cleaning and storing. When cleaning your pressure washer use only a damp soft cloth. NEVER use liquid or solvents of any type.

RISK OF DAMAGE

Damage may occur if nozzle is used too close to appliance being cleaned. Always trial test the pressure washer on an inconspicuous part of the appliance. Beware poor paint and rust as the water will lift poor paint and cause rust spots to grow. Damage caused by pressure washer is not covered by warranty.

CHECK DAMAGED PARTS

Before using the pressure washer it should be carefully checked to determine that it will operate properly and perform its intended function.

Check for broken or missing parts and have them replaced or repaired at an authorised service facility. Check any other condition that may affect the operation of the pressure washer. A guard or any other part of the pressure washer that is damaged should be properly repaired or replaced by an authorised service facility unless otherwise indicated in this instruction manual.

Any switch that does not operate correctly must be replaced by an authorised service facility.

DO NOT use the pressure washer if the 'ON / OFF' motor switch does not turn the pressure washer 'ON' and 'OFF'.

PERSONAL SAFETY

Clothing

Do not wear loose clothing, jewellery or anything that could get caught in moving machinery.

Hair

Long hair should be tied back or contained in a protective covering.

Eye Protection

The use of safety goggles is highly recommended (normal glasses are not sufficient for eye protection) when using or refuelling pressure washers. Prescription glasses do not have safety lenses.

Footwear

Where there is the risk of heavy objects or if there is a risk of slipping on wet or slippery floors, suitable non-slip safety footwear should be worn. Protect your feet from dropping accidents.

Ear Protection

The use of ear protection is highly recommended when using pressure washers. The continual noise may damage your ears.

Respiratory Protection

Always wear approved breathing protection when decanting fuel. ALWAYS use this pressure washer in well ventilated area. Never use indoors.

WARNING: Do not breathe in exhaust fumes. Exhaust fumes are poisonous and may cause drowsiness, unconsciousness and even death.

Do Not Over Reach

Do not over reach. Keep a proper footing and maintain your balance at all times. Avoid using abnormal stances and awkward body positions.

Stay Alert

Watch what you are doing, use common sense, and never operate a pressure washer when you are tired, drinking alcohol, taking drugs or if taking medication that causes drowsiness.

WARNING

Do not attempt to modify the pressure washer in any way; this will VOID your warranty.

The use of any attachment or accessory other than those recommended in this instruction manual could result in damage to the pressure washer and could cause injuries to the operator.

This petrol pressure washer complies with Australian / New Zealand and International standards and safety requirements. Repairs should only be carried out by qualified persons using original spare parts. Failure to do so may result in considerable danger to the operator.

SPECIFIC SAFETY INSTRUCTIONS

Warning! Do not use the pressure washer in areas where there is a risk of explosion or fire from combustible materials. The sparks possibly caused when using this pressure washer may ignite combustible materials as well as flammable liquids, paint, varnish, petrol, flammable gases and dust of an explosive nature. As a precaution it is recommended that you consult an expert on a suitable fire extinguisher and its use. Ensure that the work area is kept clear of combustible materials.

Warning! Do not use the pressure washer indoors or in confined spaces where exhaust gases, smoke or fumes could reach dangerous concentrations.

- Always use the pressure washer in an open well ventilated area.
- Ensure pressure washer is fully assembled before use.
- Unit will become hot during use. Please keep pressure washer at least one metre (1m) away from buildings, other equipment, pedestrian areas or flammable materials.
- Never pull the re-coil starter once the pressure washer engine has started. Any damage caused will not be covered by warranty.
- Ensure the pressure washer has stopped before servicing, or lubricating etc.
- Do not attempt to modify the pressure washer, guards or the supplied accessories in any way.
- Do not touch the exhaust. This can become very hot during operation and can cause serious burns.
- Do not allow high pressure hose to touch the muffler. Damage will occur and will not be covered by warranty.
- Always check the pressure washer for damaged parts or fuel leaks, ensure these are fixed before using it.
- Never refuel while smoking or in the vicinity of an open flame.
- Always wear safety eye wear, ear and breathing protection when operating or refuelling the pressure washer.
- To avoid a fire if you spill fuel while refuelling, clean up before starting the pressure washer.
- Never operate or store the pressure washer on its side, ALWAYS operate or store in an upright manner on firm, solid ground.
- Your pressure washer is factory set, NEVER attempt to speed it up as this could endanger the user and damage the pressure washer and/or attached appliances.
- If the pressure washer makes an unfamiliar sound or vibrates excessively, switch the pressure washer 'OFF' immediately. Investigate the possible cause or consult your authorised service agent.
- Never use coolant in the pressure washer as damage may occur.
- Never transport the pressure washer with fuel in the tank. ALWAYS empty the fuel tank.
- Do not tamper or alter any parts as this may cause personal injury or damage the pressure washer.
- Never point gun/lance at people or animals.
- Never hose or wet people or animals.
- Never spray the pressure cleaner.
- Never spray electrical connections, electrical outlets or electrical appliances/fixtures.
- Never operate the pressure cleaner without water, any damage caused will not be covered by warranty.
- Never use hot water.
- Maximum water temperature is 40°C.
- Only use cold water with this pressure cleaner.
- Bystanders or people watching must be at least 10m away from operating the pressure cleaner.
- Only use clean water with this pressure cleaner.
- Never pump acids, alkaline, solvents or flammable liquids through this pressure cleaner, any damage caused will not be covered under warranty.
- Never allow the high pressure hose to touch the muffler or motor, as these hot surfaces will damage the hose. Damage cause will be covered under warranty.
- Do not keep motor running if not using the wand. Damaged cause will not be covered under warranty.
- Inlet water hose size must be at least 12mm diameter.
- Inlet flow rate must be at least 7 L/min.
- Damage may occur if pressure washer nozzle is held too close to the cleaning surface. Damage caused will not be covered under warranty.
- Always trial the pressure washer cleaner and selected nozzle on an inconspicuous part of the product to be cleaned.

IMPORTANT



FUEL - ONLY USE UNLEADED PETROL (ULP)

Fuel tank capacity – 1.6 litres (1.6 L)

Use of incorrect fuel and/or oil may damage the pressure washer and will not be covered under warranty.

Do not use E10 or any type of ethanol fuel as this will damage the pressure washer and will not be covered under warranty.

Do not use high octane fuels (greater than 91%) as this will damage the pressure washer and will not be covered under warranty.

- Ensure you use clean fresh unleaded petrol (ULP).
- Use a clean approved container to store your unleaded petrol (ULP) in before decanting into the fuel tank.
- If contaminated (dirty) or old (stale) fuel is used any damage caused will not be covered under warranty.



OIL

To operate, this pressure washer requires oil in the sump, not supplied. If the pressure washer does not have the correct level of oil in the sump, it will not run, see note below.

Oil capacity – approximately three hundred and seventy five millilitres (0.370 L or 370 ml)

Oil type – SAE 30W or SAE 15W-40

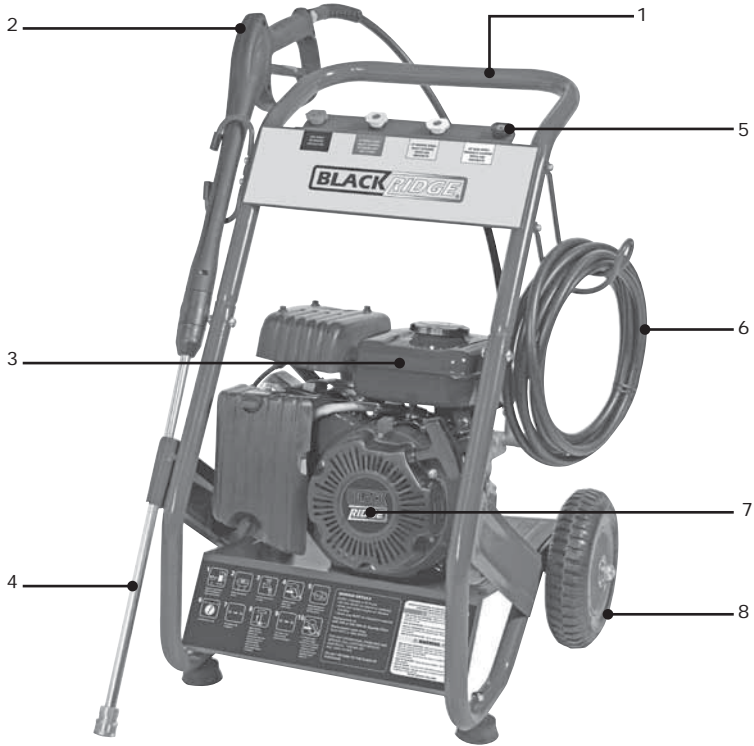
- Always check oil level before using.
- Always use fresh clean oil.
- Change oil every 50 hours or every 3 months.
- If contaminated (dirty) or old (stale) oil is used any damage caused will not be covered under warranty.

NOTE: This pressure washer is fitted with an oil cut out switch. If the oil level is empty or low then the pressure washer WILL NOT start or run.

Always check the oil level before starting the pressure washer.

Never check or add oil while the pressure washer is running.

PIC. 1



COMPONENTS AND CONTROLS

Pic. 1

1. Frame & Handle
2. Gun & Trigger
3. Engine
4. Lance
5. Nozzles
6. Hose
7. Recoil Starter
8. Wheel

UNPACKING & ASSEMBLY

Unpacking

Note: Carefully unpack your pressure washer. This pressure washer is bulky and heavy, two (2) person lift required. Dispose of all packing material in an environmentally responsible manner.

Open carton, gently lift the pressure washer clear of the carton and packaging, this may require 2 people. Remove from plastic bag.

Note: Plastic bags can be a danger to young children, dispose of immediately. Always dispose of packaging in a responsible manner.

Wheels

Pic. 2

1. Place wheel on axle.
2. Slide the axle into the tube under the frame. Depress the brass button and push the axle into the tube.
3. Rotate the axle until the button "clicks" and locks into the hole in the tube.

Handle

Pic. 3

1. Align top handle to the main frame.
2. Insert bolt and tighten nut.

Holders

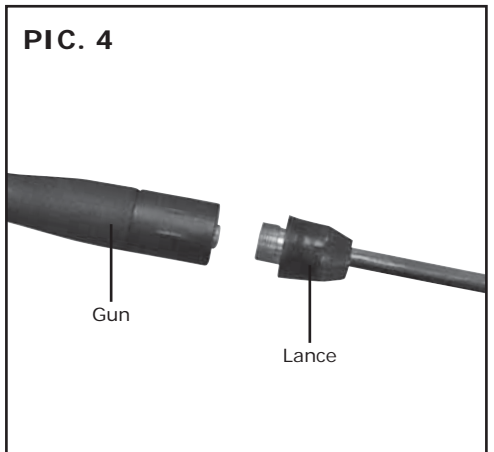
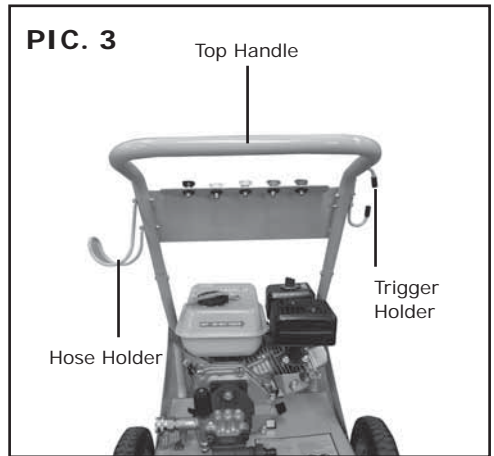
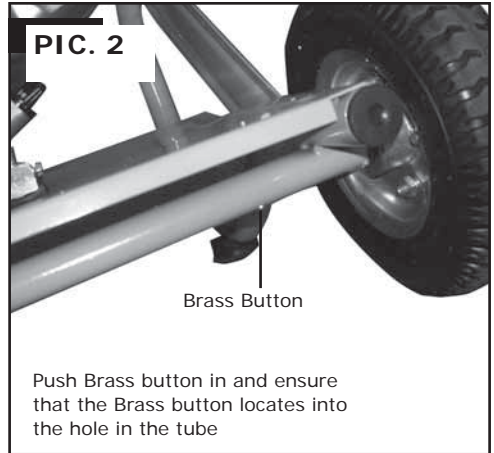
Pic. 3

1. Align each holder(s) holes with those on handle.
2. Insert bolt and tighten nut.

Gun/Lance

Pic. 4

Push the lance into the gun and tighten nut. Slide cover over the nut.

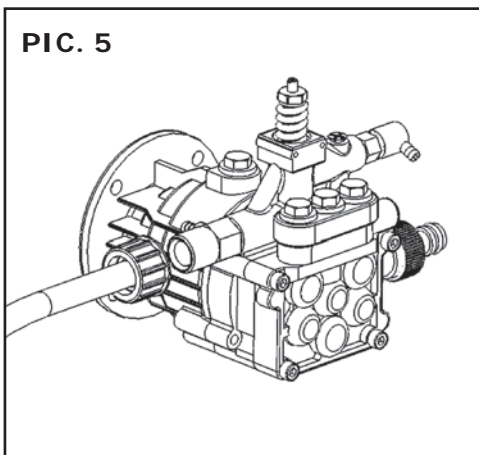


Hose to Pump

Pic. 5

1. Attach the high pressure hose to the pump. Tighten black knurled knob by hand only. Ensure that the hose does not touch the muffler or goes over the top of the fuel tank.
2. Have hose lay to the back of the pump and curve to the hose hanger.

Note: Do not allow high pressure hose to touch the muffler. Damage will occur and will not be covered by warranty.

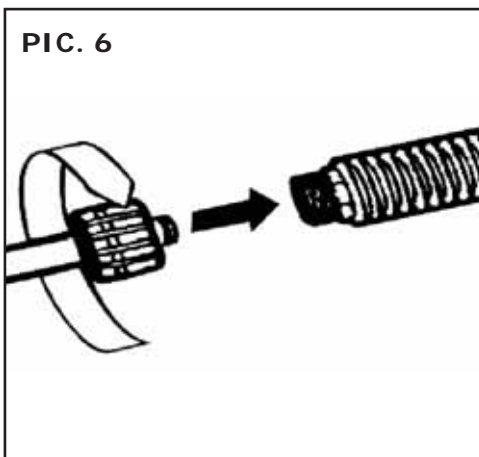


Hose to Gun

Pic. 6

Attach the high pressure hose to the gun. Tighten nut with spanner.

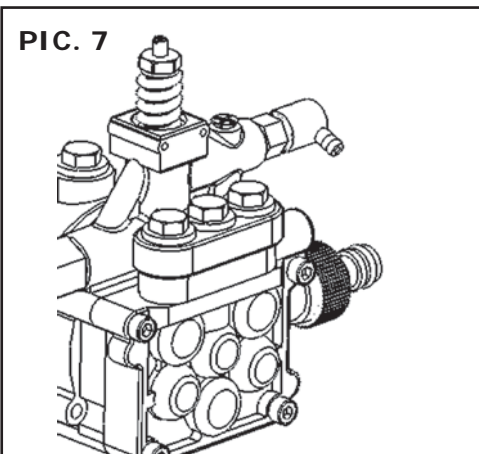
Note: Do not allow high pressure hose to touch the muffler. Damage will occur and will not be covered by warranty.



Garden Hose Connection

Pic. 7

Screw black quick connection and tighten by hand only.



OPERATING INSTRUCTIONS

Pre - Operation Preparation

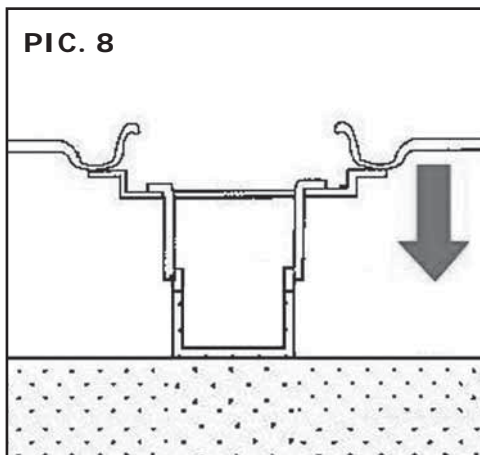
Note: If unit has previously been used, the motor, muffler and exhaust may still be hot enough to burn. Always exercise caution when checking the pressure washer.

1. Check that the fuel/engine switch is OFF
2. Check that the spark plug lead is firmly attached to the top of the spark plug.
3. Holding on to the cage gently rock the pressure washer and listen for any noise which may indicate loose items. If anything appears to be loose either tighten or consult a service agent.

Filling

Always use clean fresh fuel as specified on page 9. Stale fuel can cause the pressure washer to run rough and damage the motor; this will not be covered by warranty.

1. Ensure the engine is OFF.
2. Ensure the fuel tap and engine switch are both OFF.
3. Use fresh fuel as detailed on page 9.
4. Do not fill fuel tank above the top of the fuel filter, Pic. 8.
5. Ensure that the fuel tank cap is screwed on tightly.



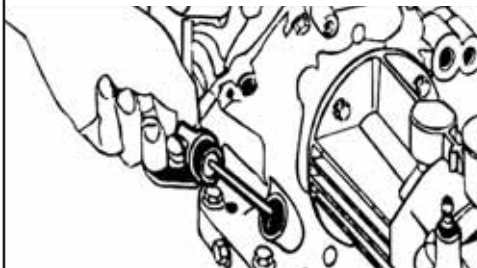
Adding Lubricating Oil

Always use clean fresh oil as specified on page 9. Incorrect or old oil can cause the pressure washer to run rough and damage the motor; this will not be covered by warranty.

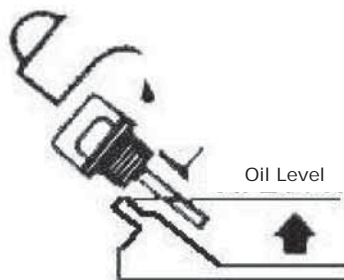
1. Ensure that engine is OFF when filling oil.
2. Remove oil plug, see Pic. 9, on same side as garden hose connect.
3. Use oil as detailed on page 9.
4. Ensure pressure washer is level when filling with oil. **DO NOT TIP.**
5. Only fill oil to the top of the thread, Pic. 10.
6. Ensure that the oil filler cap is screwed on tightly before attempting to start the pressure washer.

Warning: Over filling the oil can damage the pressure washer, this damage will not be covered under warranty.

PIC. 9



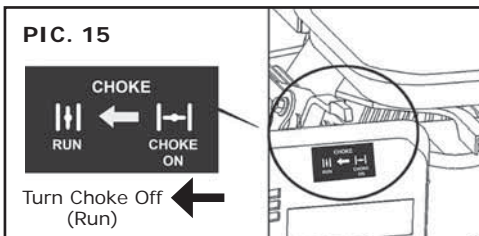
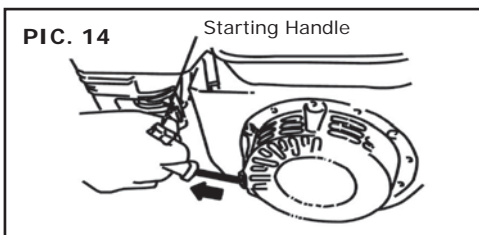
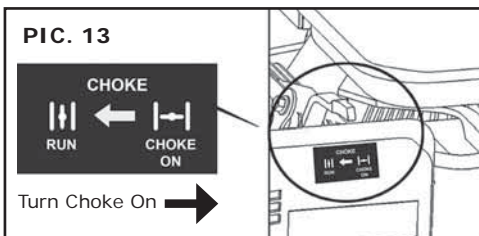
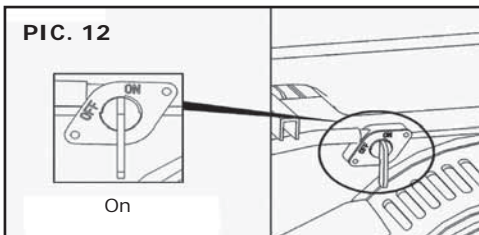
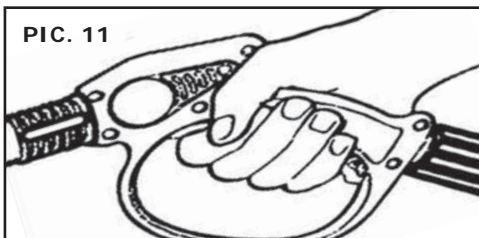
PIC. 10



STARTING YOUR PRESSURE WASHER

Warning: Never start your pressure washer without water running through the pump.

1. Check oil level.
 2. Check and fill fuel.
 3. Connect garden hose to cold water source.
 4. Connect garden hose to quick connection on pump.
 5. Turn cold water source on.
 6. Release safety lock on trigger.
 7. Squeeze trigger on wand. Hold down until all air is purged and a steady stream of water is passing through, Pic 11.
 8. Release trigger stopping flow.
 9. If using detergent place tube and filter into detergent bottle.
 10. Turn fuel tap on, Pic 12.
 11. Turn choke on (lever to right), Pic 13.
 12. Turn engine switch to 'I' on
 13. Pull the recoil starter slowly until engaged, then pull briskly. This step may need to be repeated until pressure washer engine starts, this can take up to about 12 pulls, Pic 14.
- WARNING: Never pull the recoil once the engine has started. Any damage caused will not be covered under warranty.
14. Once started turn choke to off (lever to left), Pic 15.
 15. This unit has an automatic throttle and this will adjust with the variable load.



SELECTING NOZZLE

Black

This nozzle is for low pressure and for use with detergent tube and filter.

Red 0°

This nozzle is for high pressure and provides a single "pencil" stream of water.

Yellow 15°

This nozzle is for high pressure and provides a wide 15° "fan" of water.

White 40°

This nozzle is for high pressure and provides the widest 40° "fan" of water.

Connect / Disconnect Nozzles

Pic. 16

Connect

1. Pull done QC collar
2. Push nozzle into hole
3. Release QC collar
4. Click nozzle into position

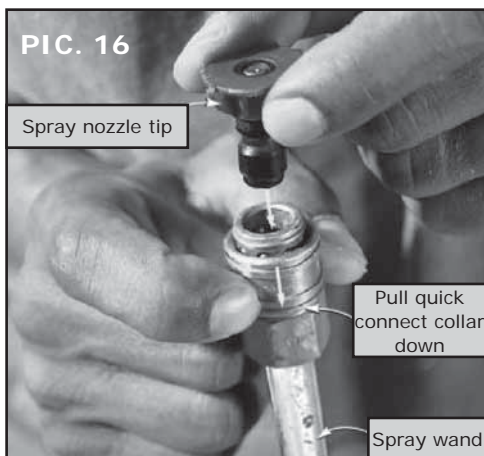
Disconnect

1. Pull down QC collar
2. Lift nozzle out
3. Release QC collar

TAKING A BREAK DURING USE

If taking a break of more than 2 minutes during use you must turn the pressure cleaner off. See stopping (page 16) for how to do this.

Damage will be caused if the pressure cleaner is left running while the trigger is off no water coming out for more than 2 minutes. Damaged caused will not be covered under warranty.



WHEN FINISHED WITH DETERGENT

When finished with detergent, release trigger on wand. Remove tube and filter from detergent bottle. Place tube and filter around handle. Do not place on the ground as this will suck dirt into pump. Any damage caused will not be covered under warranty.

Squeeze trigger and continue cleaning with clean cold water.

STOPPING YOUR PRESSURE WASHER

1. Release trigger (stops water flow)
2. Turn fuel tap off
3. Turn engine switch off
4. Turn water supply off
5. Squeeze trigger on wand to release water pressure and some water
6. Disconnect garden hose from pump
7. Tidy high pressure hose and place on handle hold engage wands safety lock for trigger
8. Allow machine to cool about 1 hour before wiping down and storing.

CLEANING

NEVER use this pressure cleaner to clean it's self. Damage caused by cleaning the pressure washer with its own gun will not be covered under warranty. Ensure pressure washer is cool before cleaning, about 1 hour after use.

- Wipe down all surfaces with a soft clean cloth.
- Rinse all nozzles in a bucket of clean water.
- Place in holder to dry.
- Ensure fuel tap is off.
- Ensure engine switch is off.
- Ensure high pressure hose is left wound up and not kinked.
- Store in a suitable area away from children, infirm persons animals.
- Store in a suitable area which will not freeze.

STORING

When storing for periods of more than 4 weeks please follow these points to ensure no damage will occur to the pump or motor. Any damage caused will not be covered under warranty.

Start motor and run for no more than 30 seconds. This cleans the pump of excess water.

- Ensure the inlet water hose is not connected
- Ensure the high pressure hose is not connected to the pump
- Turn fuel tap on
- Turn choke lever to on (start)
- Turn engine switch to 'on'
- Pull recoil
- Turn choke to off (run)
- Allow motor to run no more than **30 seconds**
- Turn fuel tap off
- Turn engine switch off
- Drain fuel from tank
- Drain fuel from carburettor bowl
- Clean as per "cleaning"

CLEANING TIPS

Deck Cleaning - with or without detergent

Pre-rinse deck and surrounding area with fresh water. If using deck wash, place detergent suction tube directly into cleaning solution and apply to surface at low pressure.

For best results, limit your work area to smaller sections of approximately 2m², allow deck wash to remain on surface 1-3 minutes. For stubborn dirt/stains you can use a patio cleaner head (not supplied).

Do not allow detergent to dry on surface.

Rinse at high pressure in a long sweeping motion keeping the spray nozzle approximately 75mm to 150mm from the cleaning surface. Always clean from top to bottom and from left to right.

When moving on to a new section of the cleaning surface, be sure to overlap the previous section to eliminate stop marks and ensure a more even cleaning result.

House Siding - with or without detergent

Pre-rinse cleaning surface with fresh water. If using house wash, place detergent suction tube directly into cleaning solution and apply to surface at low pressure (for best results, limit your work area to sections of approximately 2m wide and always apply detergent from bottom to top).

Allow house wash to remain on surface 1-3 minutes. Do not allow detergent to dry on surface, if surface appears to be drying, simply wet down surface with fresh water.

If needed, use special cyclone nozzle attachment (not supplied) to remove stubborn dirt. Rinse at high pressure from top to bottom in an even sweeping motion keeping the spray nozzle approximately 150mm from the cleaning surface.

Cement Patios, Brick & Stone - with or without detergent

Pre-rinse cleaning surface with fresh water,

If using all purpose cleaner, place detergent suction tube directly into cleaning solution and apply to surface at low pressure. For best results, limit your work area to smaller sections of approximately 2m². Allow all purpose cleaner to remain on surface 1-3 minutes.

Do not allow detergent to dry on surface.

Rinse at high pressure in a sweeping motion keeping the spray nozzle approximately 75mm to 150mm from the cleaning surface. Always clean from top to bottom and from left to right. For removing extremely stubborn stains, use dirt blaster nozzle

Cars, Boats & Motorcycles - with or without detergent

Pre-rinse vehicle with fresh water. If using vehicle wash, place detergent suction tube directly into cleaning solution and apply to surface at low pressure.

For best results, clean one side of vehicle at a time and always apply detergent from bottom to top, do not allow detergent to dry on surface. Rinse at high pressure in a sweeping motion keeping the spray nozzle approximately 150mm to 200mm from the cleaning surface (distance should increase with in rinsing pin-striping or other sensitive surfaces).

Always clean from top to bottom and from left to right. For best results, wipe surface dry with a chamois or soft dry cloth.

BBQ Grills, Outdoor Power Equipment & Gardening Tools - with or without detergent

Pre-rinse surface with fresh water. If using all purpose cleaner or degreaser, place detergent suction tube directly into cleaning solution and apply detergent at low pressure. Allow detergent to remain on surface 1-3 minutes. Do not allow detergent to dry on surface

Rinse at high pressure keeping the spray nozzle approximately 75mm to 150mm from the cleaning surface. For removing extremely stubborn dirt, it may be necessary to move the spray nozzle even closer to the surface for greater dirt cutting action. To remove caked-on mud from garbage cans, lawn mower blades, wheelbarrows or other non-sensitive metal surfaces, you may want to use a smaller degree nozzle.

Patio & Lawn Furniture - with or without detergent

Pre-rinse furniture and surrounding area with fresh water. If using all purpose cleaner, place detergent suction tube directly into cleaning solution and apply to surface at low pressure. Allow all purpose cleaner to remain on surface 1-3 minutes. Do not allow detergent to dry on surface. Rinse at high pressure in a sweeping motion keeping the spray nozzle approximately 75mm to 150mm from the cleaning surface. For best results, clean from top to bottom and from left to right.

Recommendations

If painted surfaces are peeling or chipping, use extreme caution as pressure washer may remove the loose paint from the surface.

Always start with the largest degree nozzle to minimise any paint damage.

MAINTENANCE INFORMATION

If scheduled maintenance is NOT carried out then this will void your warranty. Use the Service Log on page 23 to keep track of the regular servicing. Ensure that the authorised service agent has dated, signed and stamped this log to ensure your warranty is not void.

Fuel Tank Filter, Pic 17

The fuel tank filter should be checked every time you fill up the fuel tank. If dirty, replace. Your fuel tank filter should be replaced every 50 hours (operation) or every 3 months, whichever ever occurs first or whenever considered necessary.

To check or replace the fuel tank filter;

1. Remove the fuel tank cap.
2. Remove the fuel tank filter.
3. If dirty replace fuel tank filter before using the generator.
4. Push new fuel tank filter into the top of the fuel tank.
5. Replace the fuel tank cap.

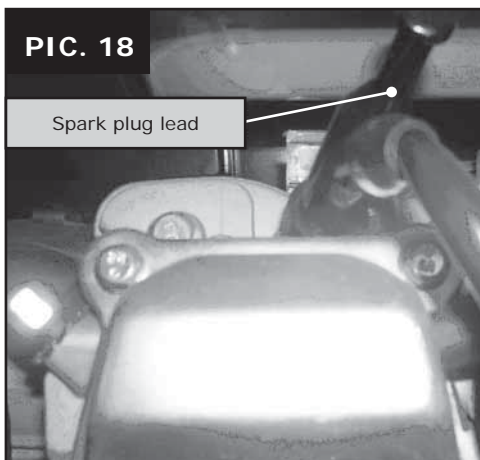
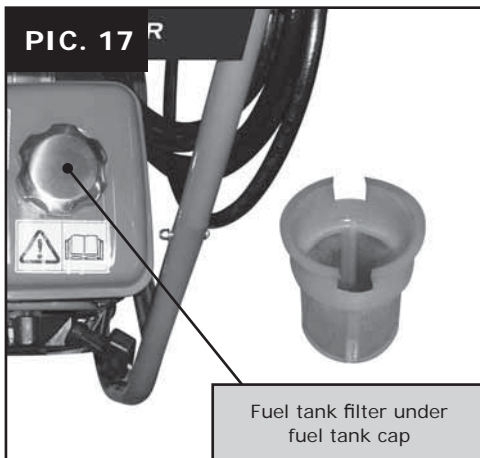
Fuel Line Filter

The fuel line filter should be replaced every 50 hours (operation) or every 3 months, whichever ever occurs first or whenever considered necessary.

Spark Plug, Pic 18

Spark plug should be checked every 50 hours (operation) or every 3 months and replaced every 100 hours (operation) or every 6 months, whichever ever occurs first or whenever considered necessary.

1. Unplug the spark plug lead off the spark plug.
2. To clean use a wire brush/nail file and remove the carbon deposits on spark plug base.
3. Check the spark plug gap using a feeler gauge. The gap should be 0.7mm \approx 0.8mm (0.028" \approx 0.031").
4. The replacement spark plug is Torch E6TC or NGK BP6HS.

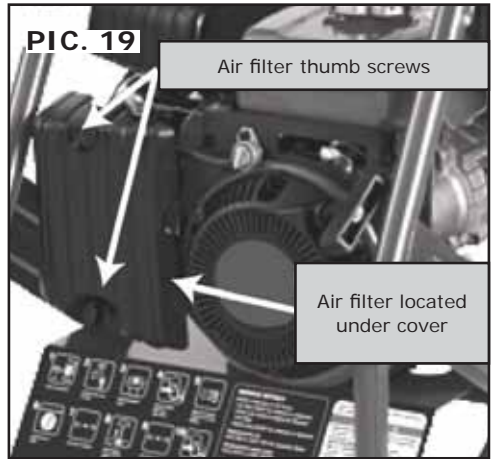


Air Filter

Air filter should be checked daily and replaced every 50 hours (operation) or every 3 months which ever occurs first or whenever considered necessary.

To check or replace the air filter;

1. Remove the air filter thumb nut and cover, see Pic. 20.
2. Remove filter element.
3. If dirty clean or replace air filter element before using the pressure washer.
4. Slide new air filter element into the air filter box.
5. Replace the air filter cover and thumb nuts.

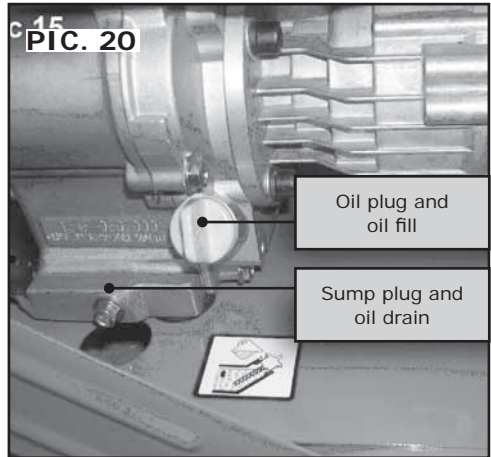


Oil

Oil should be checked daily and replaced every 50 hours (operation) or every 3 months which ever occurs first or whenever considered necessary, see Pic. 20.

To check or change oil;

1. Remove oil plug and check oil level, refer page 14 for oil level. Top up if required.
2. To change oil remove the sump plug and drain oil into a suitable container and dispose of in an environmentally responsible manner.
3. Replace sump plug.
4. Fill with clean fresh oil as per page 9.
5. Check oil level as per page 14.
6. Fit and tighten the oil plug.



Repairs

Repairs to your pressure washer should only be carried out by an authorised service agent.

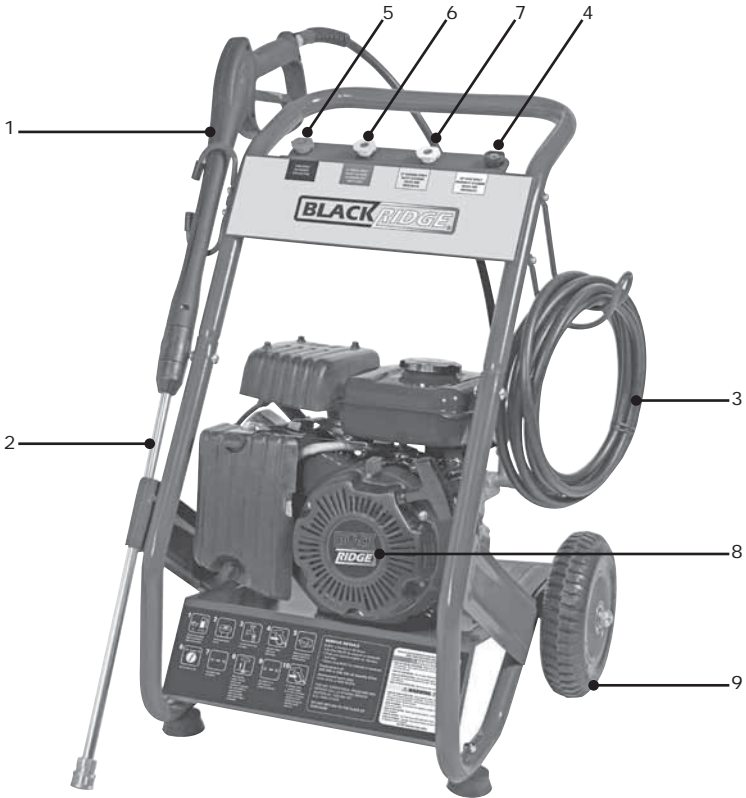
Call SMG for your closest centre, Aust.

Aust. 1300 660 457 N.Z. 0800 474 876.

? TROUBLE SHOOTING

Engine will not start	
Possible Cause	Suggested Fix
No or low fuel in the fuel tank	Fill fuel tank
No or low oil in sump	Fill oil sump
Fuel/Engine lever is OFF	Turn fuel/engine lever ON
Choke is set to RUN	Slide choke to START
Unit does not reach high pressure	
Diameter of garden hose is too small	Replace with a 12mm garden hose
Water supply is restricted	Check garden hose for kinks, leaks and blockage
Water inlet filter is clogged	Open water source to full force
Black detergent nozzle is attached	Remove detergent nozzle and attach a high pressure nozzle
Not enough inlet water supply	Check garden hose for kinks, leaks and blockage
Output pressure varies high and low	
Pump is sucking air	Check garden hose for kinks, leaks or blockage. Check whether hoses and fittings are air tight
Water inlet filter is clogged	Turn off machine and purge pump by squeezing trigger gun until a steady flow of water emerges through the nozzle
Discharge nozzle is obstructed	Remove filter and rinse out in warm water
Calcified gun, hose or spray wand	Blow out or remove debris with a fine needle. Run distilled vinegar through detergent suction tube
No detergent	
Detergent suction tube not properly connected to the machine	Check connection
Detergent is too thick	Dilute detergent
Garden hose connection leaks	
Filter on detergent suction tube is clogged	Run warm water through filter to remove debris
Damaged or clogged detergent suction tube	Remove obstruction or replace detergent suction tube
Spray wand leaks	
A high pressure nozzle is attached	Replace with black detergent nozzle
Discharge nozzle is obstructed	Blow out or remove debris with fine needle
Pump is noisy	
Loose fittings	Tighten fittings. Insert new washer. Ensure spray wand is tight onto the gun
Spray wand not properly attached	Tighten the spray wand onto the gun. Turn the wand collar clockwise onto the gun threads until tight
Water leaks from pump	
Pump is sucking air	Check whether hoses and fittings air tight. Turn off machine and purge pump by squeezing trigger gun until a steady flow of water emerges through nozzle
Loose fittings	Check that all fittings are tight
Oil Drop	
Oil seals are damaged or worn	Call service centre

PARTS DIAGRAM



User replaceable parts listed below. All other parts must be serviced/replaced by an authorised service agent.

Part	Description	Part No.
1	Gun	84 BRW1900GT
2	Lance	84 PW6768L
3	High pressure hose	84 BRW1900HOSE
4	Nozzle black	84 PW6768NB
5	Nozzle red	84 PW6768NR
6	Nozzle yellow	84 PW6768NY
7	Nozzle white	84 PW6768NW
	Detergent tube and filter	84 BRW1900DPU
8	Recoil starter	84 BRW1900RS
	Air filter	84 BRW1900AF
	Spark plug	84 BRW1900SP
9	Wheel	84 BRW1900WH

SERVICE LOG

Purchase Date _____

Place of Purchase _____

This Service is to be complete within 50 hours or 3 months of purchase, which ever comes first.

Replace	Check & Adjust
---------	----------------

Fuel tank filter	Spark plug
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Fuel line filter	
------------------	--

Air filter	
------------	--

Oil	
-----	--

Authorised Service Agent (Name or Company Stamp)	
---	--

Technician	
------------	--

Date	
------	--

This Service is to be complete within 100 hours or 6 months of purchase, which ever comes first.

Replace

Fuel tank filter

Fuel line filter

Air filter

Spark Plug

Oil

Authorised Service Agent (Name or Company Stamp)

Technician

Date

This Service is to be complete within 150 hours or 9 months of purchase, which ever comes first.

Replace	Check & Adjust
---------	----------------

Fuel tank filter	Spark plug
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Fuel line filter	
------------------	--

Air filter	
------------	--

Oil	
-----	--

Authorised Service Agent (Name or Company Stamp)	
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Technician	
------------	--

Date	
------	--

This Service is to be complete within 200 hours or 12 months of purchase, which ever comes first.

Replace

Fuel tank filter

Fuel line filter

Air filter

Spark Plug

Oil

Authorised Service Agent (Name or Company Stamp)

Technician

Date

TECHNICAL INFORMATION

Specifications

Pressure washer	BRW1900
Maximum pressure	1900PSI
Flow rate	6L/min
Water inlet pressure	0.4MPa
Water inlet temp	40°C
Engine	2.6HP 4 stroke OHV
Weight	26Kg (no fuel)
Fuel volume	1.6L
Oil	SAE 30W or SAE 15W-40
Oil Quantity	370ml
Spark Plug	Torch E6TC or NGK BP6HS
Noise	78db at 7m
Spark arrestor	Yes

For any queries or assistance call



Customer Service

AUST. 1300 660 457
NZ 0800 474 876

Hours of operation:
Monday to Friday 8.30am - 5.30pm AEST

Do not return to place of purchase.
Keep your purchase receipt, this will be required to
make any claims under the 12 month warranty.