



DEATH OR SERIOUS INJURY BY EXPLOSION OR FIRE
Only use with diesel
Keep away from flammable vapours and explosive atmospheres.

NEVER USE WITH PETROL
DIESEL/OIL USE ONLY

RISK OF DEATH OR SERIOUS INJURY BY EXPLOSION OR FIRE
SOURCE OF IGNITION: This pump must only be used for Diesel, High Flashpoint Oil or non-flammable liquids.
NEVER USE WITH PETROL, ALCOHOL, KEROSENE OR ANY OTHER LOW FLASHPOINT LIQUID.
KEEP AWAY FROM FLAMMABLE VAPOURS AND EXPLOSIVE ATMOSPHERES.



DX800 Diesel High Pressure Cleaner

User Manual

[Revision 1.0]

READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description, and packaging.



The product is NOT supplied with engine oil, although traces of oil from the manufacturing process may be present. It is essential to add adequate engine oil of the correct type to the engine before use.
Failure to add engine oil will void the product warranty.

THE BATTERY MAY HAVE SOME CHARGE ON ARRIVAL, IT IS IMPORTANT HOWEVER THAT THE BATTERY IS CHARGED PRIOR TO USE.

Safety

Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:



You **WILL** be **KILLED** or **SERIOUSLY INJURED** if you do not follow instructions.



You **CAN** be **KILLED** or **SERIOUSLY INJURED** if you do not follow instructions.



You **CAN** be **INJURED** if you do not follow instructions or equipment damage may occur.

It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.

Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.

Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.

- **Before Use** - If you are not familiar with the safe operation/handling of the equipment or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.
- Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases, or dust. The equipment may create sparks or heat that may ignite flammable substances.
- Keep clear of moving parts.
- Equipment may be a potential source of electric shock or injury if misused.
- Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.
- Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.
- Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.

General Work Area Safety

- Work areas should be clean and well lit.
- Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.
- If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.

General Personal Safety

- Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.
- Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.
- Do not use the equipment if tired or under the influence of drugs, alcohol, or medication.
- This equipment is not intended for use by persons with reduced physical, sensory, or mental capabilities.

General Fuel Safety

- Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.
- Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.
- Do NOT smoke near fuel or when refuelling.
- Always shut off the engine before refuelling.
- Do NOT refuel a hot engine.
- Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.
- Always refuel in well-ventilated areas.
- Always check for fuel leakage. If fuel leakage is found, do not start, or run the engine until all leaks are fixed.

General Carbon-Monoxide Safety

- Using a combustion engine indoors **CAN KILL IN MINUTES**. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.
- Use combustion engines **OUTSIDE** only, and far away from windows, doors, and vents.

General Equipment Use and Care

- Keep packaging away from children and pets, potential risk of suffocation or choking.
- The equipment is designed for domestic use only.
- Handle the equipment safely and carefully.
- Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage, or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.
- Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.
- Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.
- Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.
- Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.
- Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases, or liquids etc.
- The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.
- Do not clean equipment with solvents, flammable liquids, or harsh abrasives.
- For specific equipment safety use and care, see Equipment Safety.

General Electrical Safety

- Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.
- Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.
- When wiring electrically powered equipment, follow all electrical and safety codes.
- Always use a Residual Current Device (RCD) (GFCI) / Earth Leakage Circuit Breaker / Safety Switch when operating this item (electrical items only).
- High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.

General Electrical Safety

- Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.
- Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.
- Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.
- Do NOT use electrical equipment in wet conditions or in damp locations.
- Do NOT use electrical cords to lift, move or carry equipment.
- Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.

General Service Information

- The equipment must be serviced or repaired at authorised service centres by qualified personnel only.
- Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.
- Do NOT attempt any maintenance or repair work not described in this manual.
- After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before adjusting, changing accessories, or performing repair or maintenance.
- Do NOT adjust while the equipment is running.
- Perform service-related activities in suitable conditions, such as a workshop.
- Replace worn, damaged or missing warning/safety labels immediately.

Child Choking Hazard!



• WARNING: CHOKING HAZARD - CHILDREN UNDER 8 YRS. CAN CHOKE OR SUFFOCATE ON SMALL PARTS. ADULT SUPERVISION REQUIRED.

- Carefully inspect anything a baby or child could gain access to, including this product & packaging.
- Dangers include anything of a size that could become stuck or lodged in a baby or child's airway.
- Dangers include things like raw, hard fruit and vegetable pieces, large pieces of meat, bones or sausage skins, popcorn, nuts, hard lollies and corn chips, small magnets and batteries, coins, beads, marbles and small uninflated balloons, broken toys and smaller toys, buttons, keys, and coins. But there are also many more.
- Pay particular attention to accessories, nuts, bolts, screws, washers, caps, covers, loose parts, parts that could be removed or break off, pieces of packaging, staples, tape etc.
- In the case of any doubt, secure the item of concern in an appropriate manner, or completely remove the possibility of access by a baby or child.

HAZARDOUS COMPONENTS!

DANGER	
<p>Using an engine or wood/charcoal/gas fuelled appliance indoors CAN KILL YOU IN MINUTES. Engine exhaust and wood/charcoal/gas fumes contain carbon monoxide. This is a poison you cannot see or smell.</p>	
<p>NEVER use inside a building, home, garage, boat, caravan or tent EVEN IF doors and windows are open.</p>	<p>Only use OUTSIDE and far away from windows, doors, and vents.</p>
<p>Avoid other hazards - READ MANUAL BEFORE USE.</p>	
<p>GENERAL:</p> <ul style="list-style-type: none"> • Do not operate in a hazardous location. Such areas include where there is a risk of explosion of petrol fumes, leaking gas or explosive dusts. • Do not operate in a confined area where exhaust gases or wood/charcoal/gas fumes could reach dangerous concentrations. <p>PRODUCTS FEATURING AN ENGINE</p> <ul style="list-style-type: none"> • Follow all warnings in the section titled "GENERAL". • Explosion hazard - never smoke while refuelling. • Take care not to spill fuel. When refuelling the engine, ensure that the engine has been allowed to cool. Prevent spilling of fuel as this may also ignite with a hot engine. • Never refuel while engine is running. <p>GENERATORS</p> <ul style="list-style-type: none"> • Follow all warnings in the sections titled "GENERAL" and "PRODUCTS FEATURING AN ENGINE". • The output of this generator is potentially lethal. The generator should not be connected to a fixed electrical installation except by an appropriately licensed person. • Not weatherproof – protect your machine. This machine is not weatherproof and should not be exposed to direct sunlight, high ambient temperature, damp conditions, wet conditions or high humidity conditions. 	

- **BE AWARE THAT THE EQUIPMENT MAY INCLUDE HAZARDOUS COMPONENTS, SUCH AS HOT SURFACES AND MOVING PARTS.**
- **DO NOT USE THIS EQUIPMENT ON UNEVEN SURFACES AND ALWAYS MAINTAIN GOOD BALANCE WHEN USING THIS EQUIPMENT. FAILURE TO DO SO MAY CAUSE SERIOUS INJURY.**
- **MAINTAIN A SECURE GRIP OF THE TRIGGER ASSEMBLY AT ALL TIMES.**

DANGER – RISK OF EXPLOSION OR FIRE

- Fuel and its vapours are extremely flammable and explosive.
- Fire or explosion can cause severe burns or death.
- ALWAYS switch off the engine and allow it to cool for at least 2 minutes before refuelling.
- ALWAYS fill the tank carefully to avoid spills. Move the pressure washer away from the fuelling area before starting the engine.

DX800 Diesel High Pressure Cleaner

- ALWAYS keep fuel level below the top of the tank to allow for expansion.
- ALWAYS operate and refuel in well-ventilated areas free from obstructions. Ensure the area is equipped with a fire extinguisher suitable for fuel fires.
- NEVER operate the pressure washer near dry grass, brush, or weeds.
- ALWAYS keep the pressure washer at least 1.2 m away from surfaces such as houses, vehicles, or plants that could be damaged by exhaust heat.
- ALWAYS store fuel in a manufacturer-approved container, in a secure location away from the work area.
- NEVER spray flammable liquids.

DANGER – RISK TO BREATHING

- The running engine produces carbon monoxide, an odourless, colourless poisonous gas.
- Breathing carbon monoxide can cause nausea, fainting, or death.
- ALWAYS operate in a well-ventilated area. Avoid enclosed spaces such as garages or basements.
- ALWAYS prevent exhaust gases from entering confined areas through windows, doors, vents, or other openings.
- NEVER operate in areas occupied by people or animals.
- ONLY use fluids specifically recommended for high-pressure cleaners.
- ALWAYS follow the manufacturer's recommendations. Use a respirator or mask when there is a risk of inhaling vapours.
- NEVER use chlorine bleach or other corrosive chemicals.

WARNING – RISK OF FALL HAZARD

- Using a pressure washer can create puddles and slippery surfaces. Spray gun kickback can also cause falls.
- Keep the operating area clear of people, pets, and obstacles.
- Do not operate when tired, or under the influence of alcohol or drugs. Stay alert at all times.
- Never bypass or disable safety features.
- Do not operate with missing, broken, or unauthorised parts.
- Never leave the spray wand unattended while the unit is running.
- If the engine does not start after two pulls, squeeze the gun trigger to release pressure. Pull the starter cord slowly until resistance is felt, then pull quickly to avoid kickback and possible injury.
- Keep children away from the pressure washer at all times.
- Do not overreach or stand on unstable surfaces.
- Ensure the cleaning area has adequate slope and drainage to minimise slips.
- Use extreme caution when operating from ladders, scaffolds, or similar platforms.
- Always hold the spray gun firmly with both hands to control kickback.

WARNING – RISK OF ELECTRICAL SHOCK

- Risk of electrocution. Contact with a power source can cause electric shock or burns.
- Unplug any electrically operated product before cleaning.
- Direct spray away from power outlets and switches.
- NEVER spray near a power source.

WARNING – RISK OF FLUID INJECTION

- The high-pressure water stream can cut through skin and underlying tissue, causing serious injury or possible amputation. The spray gun traps pressure even when the engine is stopped and water is disconnected.
- ALWAYS point the spray gun in a safe direction and squeeze the trigger to release pressure every time you stop the engine.
- NEVER aim the spray gun at people, animals, or plants.
- NEVER place hands in front of the nozzle.
- Ensure the hose and fittings are tight and in good condition. Do not hold the hose or fittings during operation.
- Keep the hose away from the muffler.
- NEVER attach or remove the wand or fittings while the system is pressurised.
- ONLY use hoses and accessories rated above the pressure washer's maximum pressure.
- To relieve pressure: turn off the engine, shut off the water supply, and pull the gun trigger until water flow stops.
- DO NOT allow children to operate the pressure washer.
- NEVER repair leaking connections with sealant. Replace o-rings or seals.
- NEVER connect a high-pressure hose to a nozzle extension.
- Keep the hose connected to the pump and spray gun while the system is pressurised.
- DO NOT secure the spray gun in the open position.
- DO NOT leave the spray gun unattended while running.
- NEVER use a spray gun without a functioning trigger lock or guard.
- ALWAYS ensure the spray gun, nozzles, and accessories are correctly attached.

DANGER – RISK OF CHEMICAL BURN

- Using acids, toxic or corrosive chemicals, poisons, insecticides, or flammable solvents can cause serious injury or death.
- Do not use acids, petrol, kerosene, or other flammable materials. Only use detergents, cleaners, and degreasers recommended for high-pressure washers.
- Wear protective clothing, including eye and skin protection.
- Do not use chlorine bleach or other corrosive compounds.

DANGER – RISK OF HOT SURFACES

- Contact with hot surfaces, such as engine exhaust components, can cause serious burns.
- During operation, touch only the control surfaces.
- Keep children away from the pressure washer at all times.

DANGER – RISK OF MOVING PARTS

- Starter and rotating parts can catch hands, hair, clothing, or accessories.
- NEVER operate without protective housing or covers.
- DO NOT wear loose clothing or jewellery that may be caught.
- Tie up long hair and remove jewellery before operating.

DANGER – RISK OF EYE INJURY

- The spray may splash back or propel objects, causing eye injuries.
- ALWAYS wear safety goggles when operating or near the machine.
- Ensure safety goggles are fitted before starting the pressure washer.
- NEVER substitute safety glasses for safety goggles.

⚠ DANGER ⚠

Running combustion engines in confined areas CAN KILL IN MINUTES. Engine exhaust fumes contain carbon-monoxide – a deadly gas that you cannot smell or see.



NEVER run a combustion engine in confined areas EVEN IF windows and doors are open. ONLY run petrol engines OUTDOORS and away from doors, windows, and vents.

Do not operate the equipment in hazardous locations, such as where there may be a risk of fire or explosions from flammable liquids, gases or dust.

Do not operate the equipment in confined areas where exhaust gases, smoke or fumes could reach dangerous concentrations.

Do not refuel a combustion engine while it is running on or hot.

Never smoke while refueling combustion engines or handling flammable substances.




















For generators, the electrical output is potentially lethal and must only be connected to a fixed electrical installation by an appropriately licensed person.

Be aware that the equipment may include hazardous components, such as blades, hot surfaces and moving parts.

Handle any flammable substance with extreme caution.

Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc., replace them.

 <p>Flammable Material Hazard Flammable liquids, gases, or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p>Read User Manual Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p>Use Hand Protection Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p>Electrocution / Electrical Shock Hazard High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.</p>	 <p>Toxic Fumes / Dust Hazard Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.</p>	 <p>Explosive Material Hazard Combustible liquids, gases, or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p>Cutting / Amputation Hazard The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.</p>
 <p>Crush Hazard The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Single Operator Only The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p>Use Face Protection Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.</p>	 <p>Use Foot Protection Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p>Use Eye / Ear / Head Protection Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing, and head hazards.</p>	 <p>Running Hazard Do not run on or near the product as doing so may present a fall hazard.</p>	 <p>Diving Hazard Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p>Adult Supervision Required Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p>Skin Penetration / Puncture Hazard The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.</p>	 <p>Hot Surface Hazard Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p>Flying Debris Hazard Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.</p>	 <p>Moving Parts Hazard Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.</p>

 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p>Pull Hazard Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Slope / Fall Injury Hazard Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.</p>	 <p>"Slam Dunk" Warning Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p>Electrocution / Electrical Shock Hazard - Outdoor High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp, or wet conditions. Electrical shock can be fatal.</p>	 <p>Electrocution / Electrical Shock Hazard - Disconnect High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.</p>	 <p>Power Line Electrocution Hazard High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</p>	 <p>"Kick-Back" Hazard High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p>Winch Operator Position Hazard Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p>Winch Lift Hazard Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p>Cable Hazard Ensure that load bearing cable is not kinked or knotted.</p>	 <p>Winch Cable Hazard Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p>Winch Hook Hazard Carry hook to load – do NOT throw or run.</p>	 <p>Flash / Blinding Hazard Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>	 <p>Laser Hazard Laser may be in use – do NOT look directly at laser or allow others to.</p>	 <p>Choking Hazard Children under 8 yrs. Can choke or suffocate on small parts. Adult supervision required.</p>

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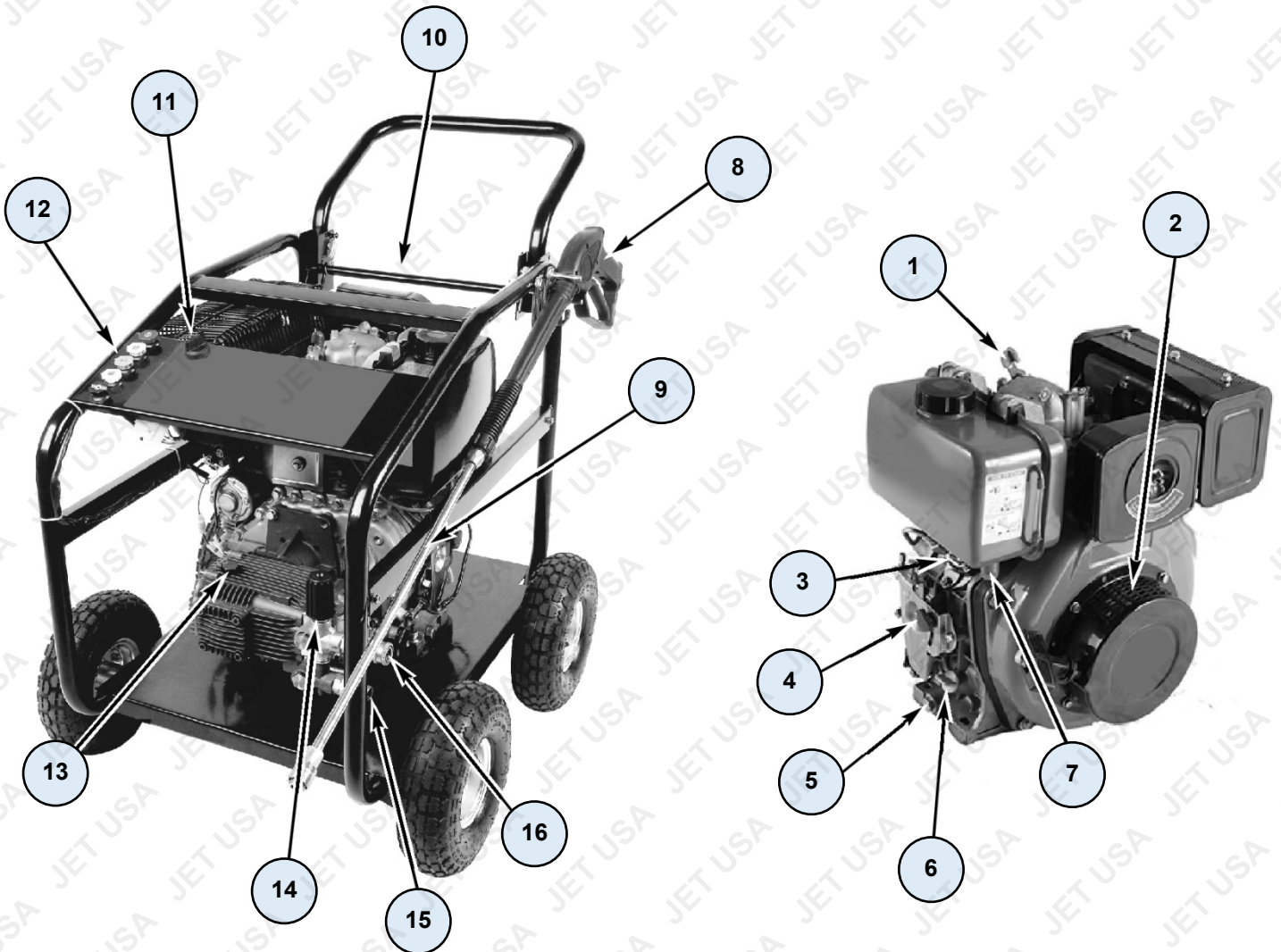
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Parts Identification



1. **Decompression Lever** – Reduces effort when starting the engine with the recoil starter.
2. **Recoil Starter** – For manual engine starting.
3. **Fuel Cock** – Turns fuel supply on and off.
4. **Speed Control Lever** – Controls engine speed.
5. **Oil Drain Plug** – Drains engine oil.
6. **Oil Fill Cap/Dipstick** – Fill engine oil here and check oil level with the dipstick.
7. **Fuel Drain Plug** – Drains fuel from the tank.
8. **Spray Gun** – Controls water application. Includes a trigger safety latch.
9. **Gun Wand with Quick Connect** – Attaches spray tips.
10. **Folding Push Bar** – Push handle that folds for storage.
11. **Electric Starter** – Switch with three positions: OFF, ON, and START.
12. **Spray Tips** – 0°/15°/25°/40° degree nozzles for different cleaning applications.
13. **Red Shipping Plug with Vent Plug** – Fitted to prevent oil leakage during shipping. Replace with the supplied vent plug before use.
14. **Pressure Adjusting Knob** – Turn to raise or lower pressure.
15. **Water Inlet with Filter Screen** – Connect garden hose here. Always use with filter screen installed.
16. **Water Outlet with Detergent Injector** – Connect high-pressure hose. Use to siphon detergent or other pressure washer cleaners into the low-pressure stream.

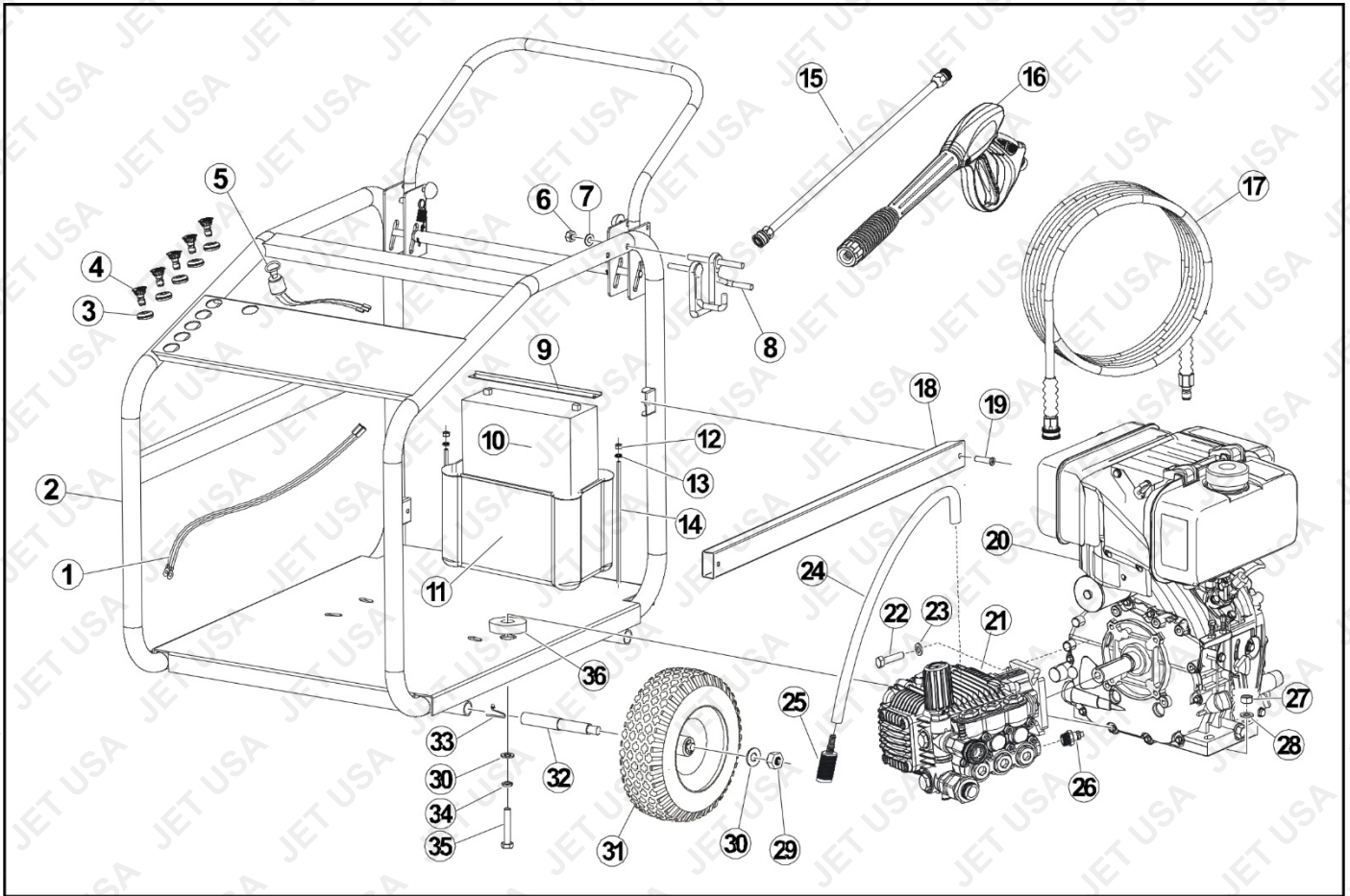
Additional Components (Not Shown):

- **High-Pressure Hose** – Connects between the water pump and spray gun.
- **Thermal Relief System** – Cycles water through the pump when it overheats (52–68 °C). Warm water discharges to prevent pump damage.
- **Battery** – Supplies electricity for the electric start.

Common Terms:

- **PSI** – Pounds per square inch (common pressure rating; metric equivalent provided where applicable).
- **GPM** – Gallons per minute (flow rate; metric equivalent in litres per minute).
- **Bypass Mode** – When the spray gun trigger is released, the pump recirculates water to reduce pressure.

Exploded Parts View



Ref. No.	Description	Qty per Unit
1	Wire	2
2	Frame	1
3	Grommet	5
4	Nozzle	5
5	Start key	1
6	Nut	2
7	Plain washer	2
8	Hook	1
9	Tighten plate	1
10	Battery	1
11	Case	1
12	Fix nut	2
13	Plain washer	2
14	Bolt	2
15	Wand	1
16	Gun	1
17	High-pressure hose 10 m	1
18	Cross bar	1

Ref. No.	Description	Qty per Unit
19	Screw	1
20	Diesel engine	1
21	Pump	1
22	Bolt	4
23	Washer	4
24	Detergent inlet hose 1 m	1
25	Filter	1
26	Thermal relief valve	1
27	Nut	4
28	Washer	4
29	Wheel lock nut	4
30	Washer	4
31	Wheel	4
32	Axle	4
33	Spring clip	4
34	Spring washer	4
35	Bolt	4
36	Rubber feet	4

Assembly

Do not attempt to assemble or operate this pressure washer until you have read and understood this entire manual. If you have any problems assembling or operating this unit, contact an authorised dealer.

Do not operate this pressure washer if any of the parts are damaged or missing until the part is replaced. Using this product with damaged or missing parts can cause damage to the machine or result in serious injury or death.

Your pressure washer requires some assembly and must be properly serviced with the recommended oil and fuel before use.

Tools required: 10 mm, 14 mm, and 17 mm open-end wrenches.

Unpack the Pressure Washer

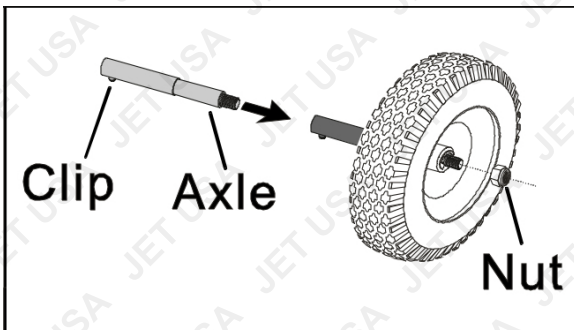
1. Place the carton on a rigid, flat surface. Remove all loose parts and packing materials. Leave the pressure washer in the carton.

⚠ WARNING: The unit is heavy. Do not attempt to lift it out of the carton.

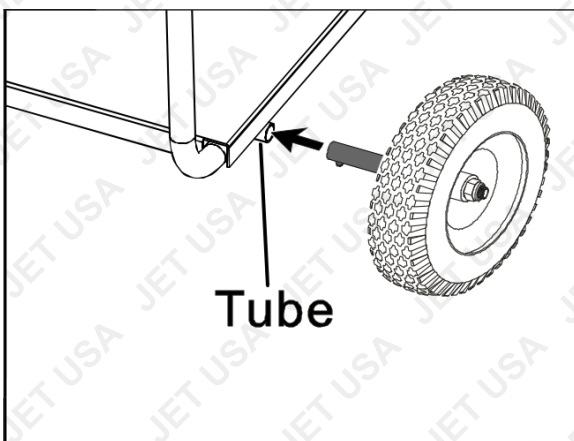
2. Using a box cutter, cut open the carton corners and lay the sides flat. Keep the pressure washer on the carton while installing the wheels and rubber bumpers.

Assemble the Wheels

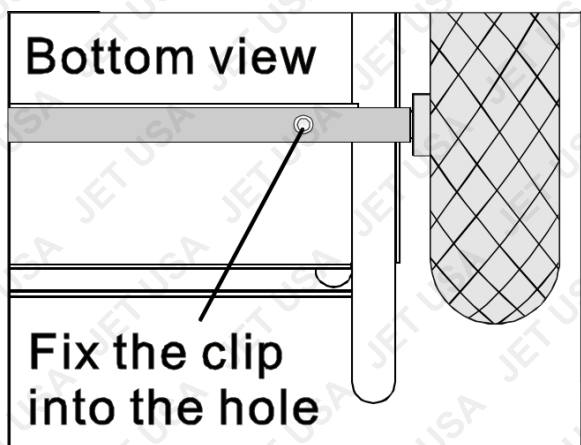
1. Remove the nut, spring washer, and washer from the axle.



2. Insert the axle into the wheel hub and secure with the nut, spring washer, and washer.



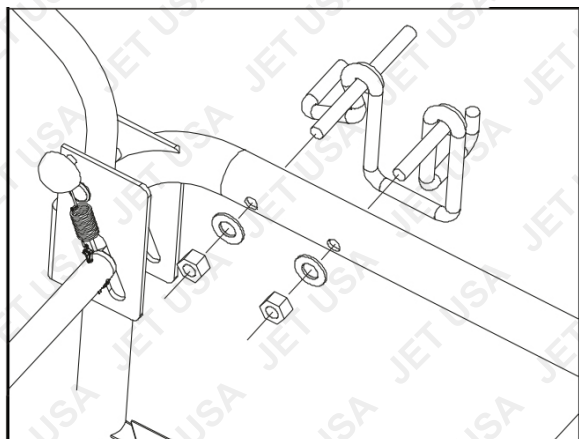
3. Lift the machine and fit the axle into the lower frame ports. Ensure the spring clip nipple locks into the small hole.



Note: Do not overtighten. The wheels must rotate freely.

Assemble the Gun/Hose Hook

1. Fit the hook into the designated position on the frame.



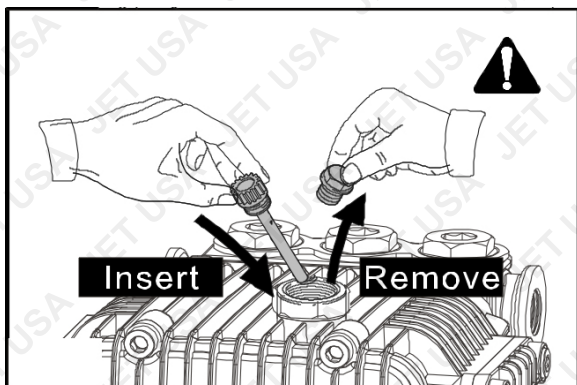
2. Secure with the supplied washers and nuts.

Prepare the Pressure Pump

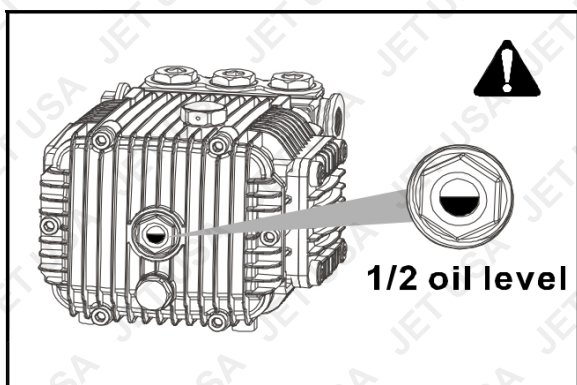
The pump is shipped with a temporary plug in the breather opening.

⚠ WARNING: Failure to replace the shipping plug with the breather plug will damage the pump.

1. Using a 17 mm open-end or socket wrench, remove the shipping plug from the pump and discard it.
2. Remove the pump breather plug from the parts bag and install it.



3. Tighten the breather plug securely by hand only. Do not use a wrench, as this may damage the threads.
4. Check the oil level using the sight glass on the end of the pump. Oil should reach halfway up the sight glass.



5. If low, add SAE 30 non-detergent oil until it reaches the correct level.

Oil Viscosity Recommendations

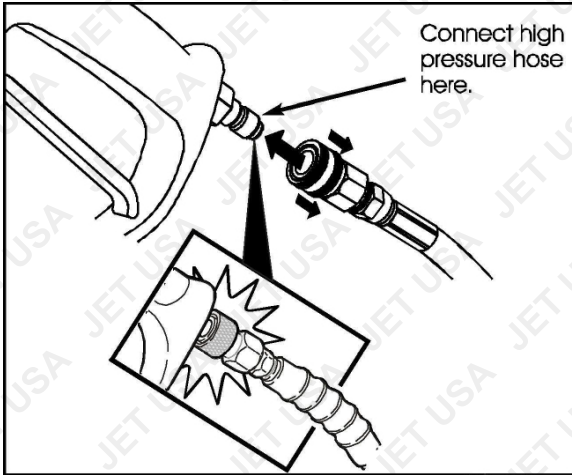
Outdoor temperature affects oil viscosity:

- **Below 4 °C** – SAE 30 oil may cause hard starting.
- **Above 27 °C** – 10W-30 oil may result in higher oil consumption. Check the oil level more often.

Before Use

Attach High-Pressure Hose to Spray Gun

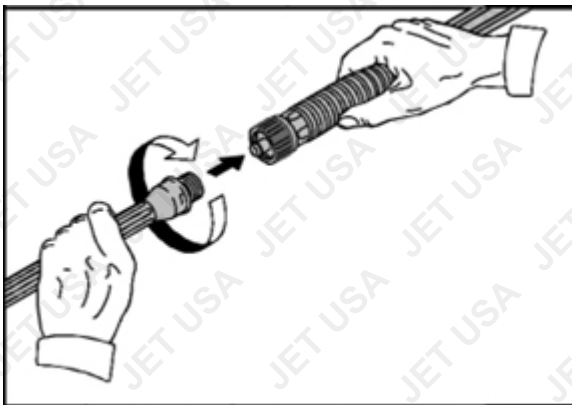
1. Pull the slip ring back on the female quick-connect fitting of the high-pressure hose.



2. Insert the male quick-connect fitting on the spray gun into the female quick-connect on the hose.
3. Release the slip ring and twist slightly. Listen for a “click” to ensure both quick-connects are locked.
4. Pull the hose and spray gun in opposite directions to confirm they are secure.

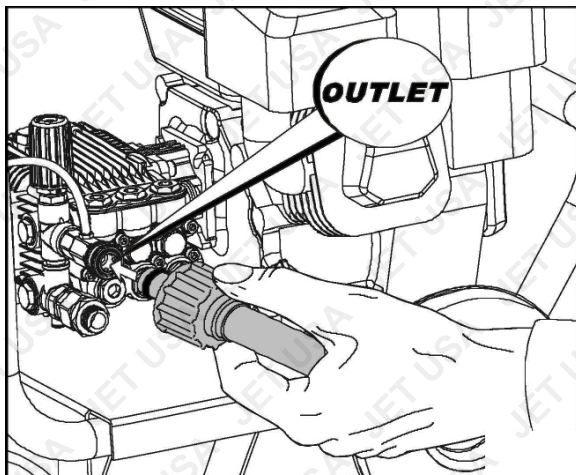
Connect Spray Wand to Spray Gun

1. Thread the spray wand onto the spray gun until secure.

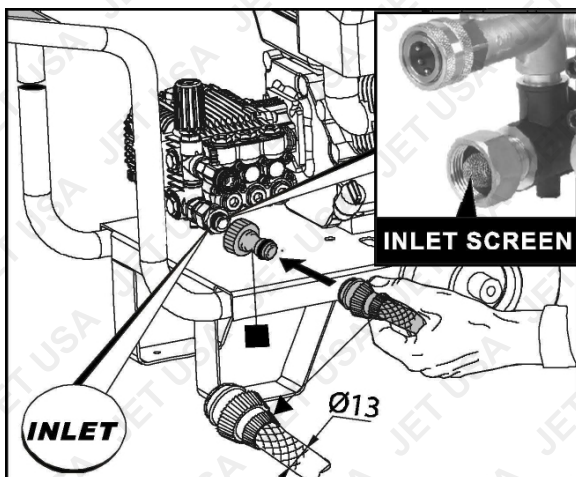


Connect Hose and Water Supply to Pump

1. Attach the other end of the high-pressure hose to the pump outlet. Pull down the quick-connect collar, slide the hose fitting in, and release the collar. Pull lightly on the hose to ensure a tight connection.

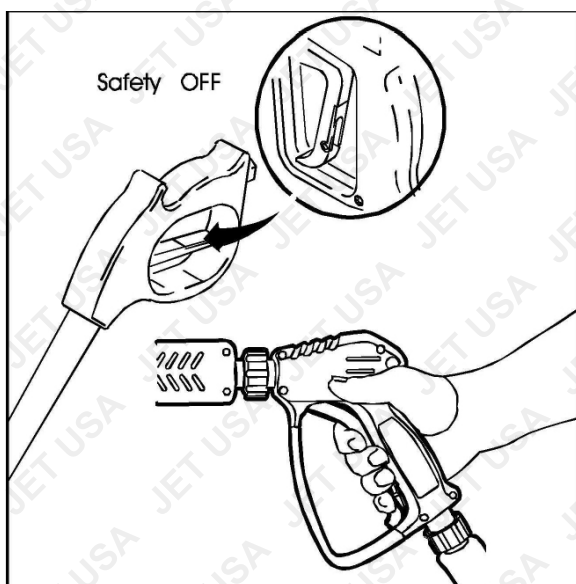


2. Inspect the water inlet screen before connecting the garden hose. Clean if dirty, or replace if damaged.



⚠ Do not operate the pressure washer if the inlet screen is missing or damaged.

3. Run water through your garden hose for at least 30 seconds to flush out debris.



Important: Use only cold, clean water (below 38 °C). Do not use standing or dirty water.

4. Connect a garden hose (maximum 15 m length, minimum 13 mm internal diameter) to the water inlet. Tighten by hand only.
5. Turn on the water and squeeze the spray gun trigger to purge air and impurities from the pump.

Notice:

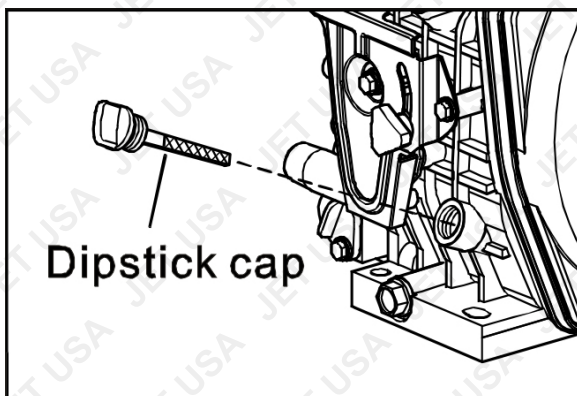
- Do not attempt to start the engine before filling with the recommended oil and fuel. Failure to do so may cause engine damage.
- Maintain at least 3 m of unrestricted garden hose between the pressure washer inlet and any equipment such as a vacuum breaker or check valve.
- Failure to follow these instructions may result in equipment damage.

WARNING – RISK OF EYE INJURY! HIGH-PRESSURE SPRAY CAN SPLASH BACK OR PROPEL OBJECTS. ALWAYS WEAR SAFETY GOGGLES WHEN OPERATING OR NEAR THE PRESSURE WASHER. ENSURE GOGGLES ARE IN PLACE BEFORE STARTING THE ENGINE. NEVER SUBSTITUTE SAFETY GLASSES FOR SAFETY GOGGLES.

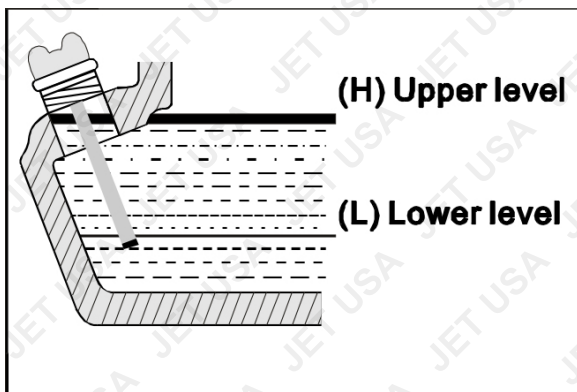
Improper treatment of the pressure washer can damage it and shorten its life. Do not attempt to start the engine before servicing with the recommended oil. Doing so may cause engine failure.

Checking Engine Oil

1. Place the pressure washer on a flat, level surface.
2. Remove the oil cap/dipstick and wipe clean with a cloth.



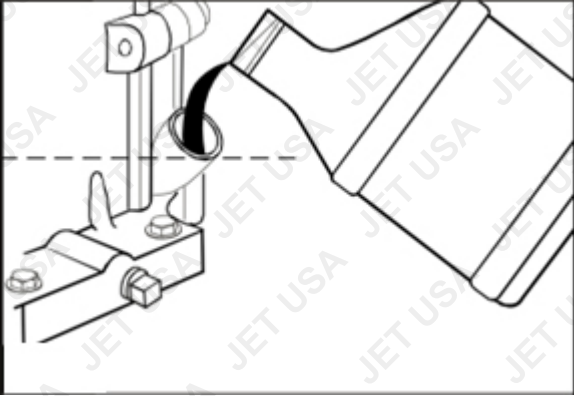
3. Reinsert the dipstick fully but do not screw it in.
4. Remove the dipstick again and check the oil level. It should be between the H (upper) and L (lower) marks.



5. Reinsert the oil cap/dipstick and tighten by hand. Do not overtighten.

Adding Engine Oil

1. Place the pressure washer on a flat, level surface.
2. Remove the oil cap and add the recommended oil into either filler port. Wait one minute and recheck the level. Add more oil if needed.



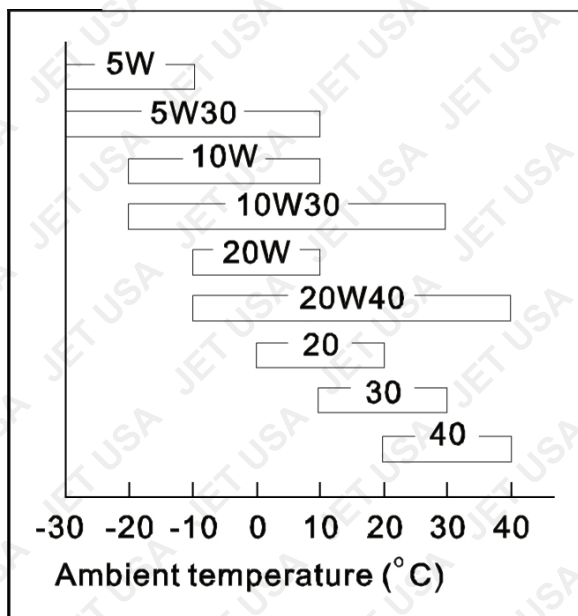
3. Reinsert the oil cap and tighten by hand.

Engine Oil Recommendations

Oil viscosity depends on outdoor temperature:

- **Below 4 °C** – SAE 30 oil may cause hard starting.
- **Above 27 °C** – 10W-30 oil may increase oil consumption. Check oil level more often.

Refer to the viscosity chart for best results. (For general use 10w-30 is recommended)

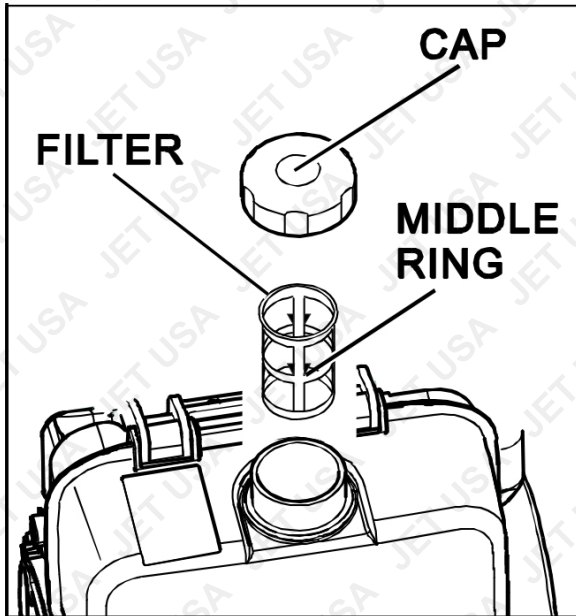


Adding Fuel

⚠ WARNING: Fuel and vapours are extremely flammable and explosive. Misuse can cause fire, severe burns, or death.

When adding fuel:

1. Turn the pressure washer OFF and allow it to cool for at least 2 minutes. Loosen the fuel cap slowly to release pressure.
2. Clean around the fuel cap.
3. Remove the cap.



4. Fill the fuel tank outdoors.
5. Stop filling when the fuel reaches the middle ring on the inlet fuel screen. Do not overfill.
6. Replace the cap and tighten by hand. Do not overtighten.

Pressure Washer Location

Clearances and Air Movement

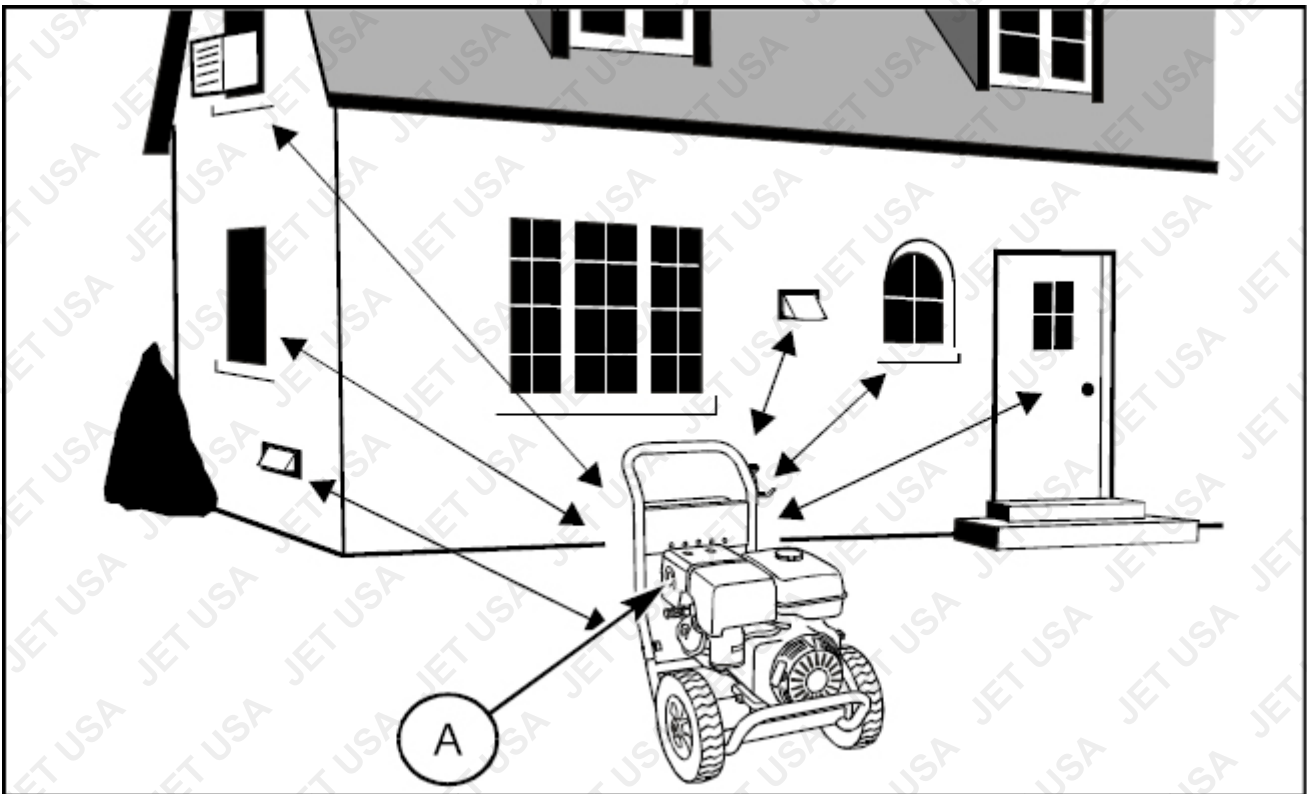
⚠ WARNING: Exhaust heat and gases can ignite combustibles, damage the fuel tank, or cause fire.

- Maintain at least 1.5 m clearance on all sides of the pressure washer, including overhead.
- Place the pressure washer in a well-ventilated outdoor area to allow deadly exhaust gases to disperse.
- Do not place the unit where exhaust gases could accumulate or enter buildings.
- Ensure exhaust (A) is directed away from windows, doors, vents, or any openings where fumes could collect in confined spaces.
- Consider prevailing winds and air currents when choosing the operating location.

Carbon Monoxide Hazard

⚠ WARNING: The running engine produces carbon monoxide – a colourless, odourless poisonous gas.

- Exposure can cause headache, dizziness, nausea, fatigue, confusion, fainting, seizures, or death.
- Operate the pressure washer outdoors only.
- Prevent exhaust gases from entering enclosed or occupied areas.
- Never start or run the engine indoors, even with windows or doors open.



Operation

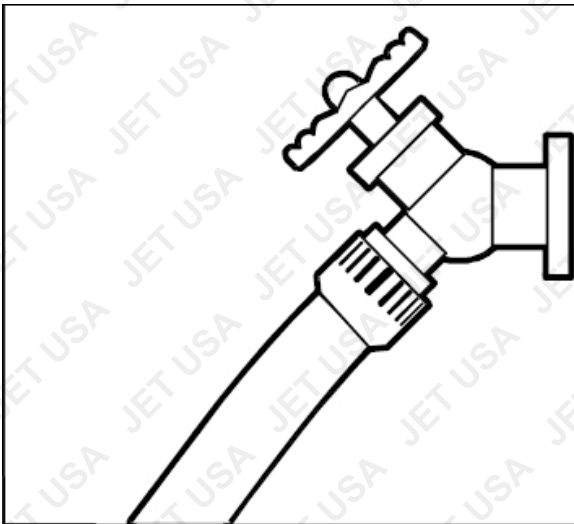
• Do not operate indoors or in a confined space preventing dangerous carbon monoxide gas from dissipating. • Carbon monoxide gas is a poisonous, odourless gas that can cause headache, confusion, fatigue, nausea, fainting, sickness, seizures, or death. If you start to experience any of these symptoms, IMMEDIATELY get fresh air and seek medical attention. • Never use indoors, in a covered area, or in a confined space, even if doors and windows are open. • Keep exhaust from this unit from entering a confined area through windows, doors, vents, or other openings. • When working in areas where vapours could be inhaled, use a respirator mask according to all its instructions. • Do not run pressure washer with a damaged hose. Do not run pressure washer without first connecting and turning on water supply or damage to the pressure washer could result. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL VOID PRODUCT WARRANTY.

Starting/Stopping Your Pressure Cleaner

How to Start Your Pressure Washer

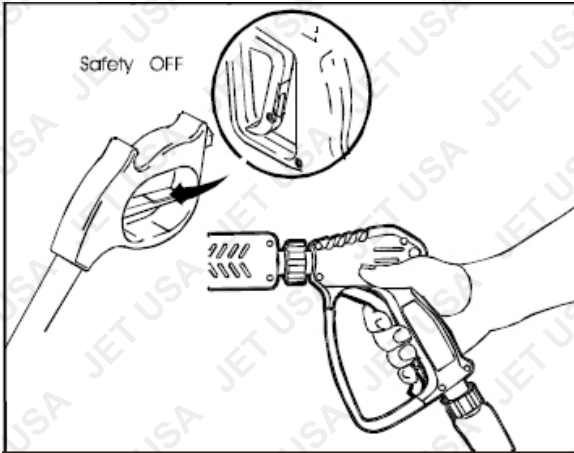
To start the pressure washer for the first time, follow these steps:

1. Place the unit near an outdoor water source capable of supplying at least 19 L/min (5 GPM) at a minimum of 138 kPa (20 PSI).
2. Ensure the high-pressure hose is tightly connected to the spray gun and pump.
3. Make sure the pressure washer is on a level surface.
4. Uncoil the high-pressure hose completely.
5. Connect the garden hose to the water inlet on the pump.



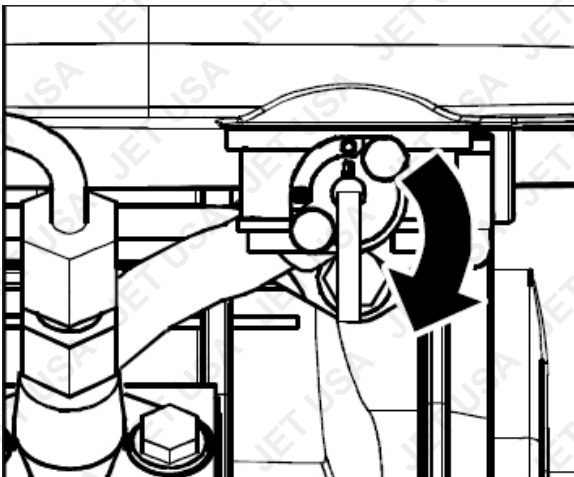
DX800 Diesel High Pressure Cleaner

- Turn on the water. Point the spray gun in a safe direction and squeeze the trigger to purge air and impurities.

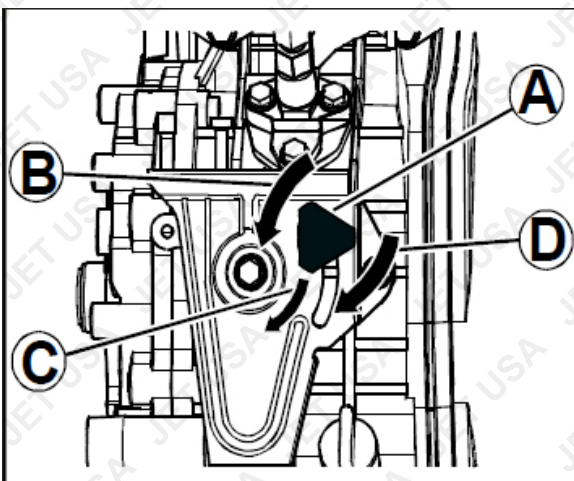


⚠ Notice: Do not run the pump without the water supply connected and turned on. This will damage the pump.

- Attach the wand to the spray gun and tighten by hand.
- Choose the desired nozzle. Pull back the quick-connect collar, insert the nozzle, release the collar, and pull lightly to confirm it is locked in place.
- Rotate the fuel valve to the ON position.



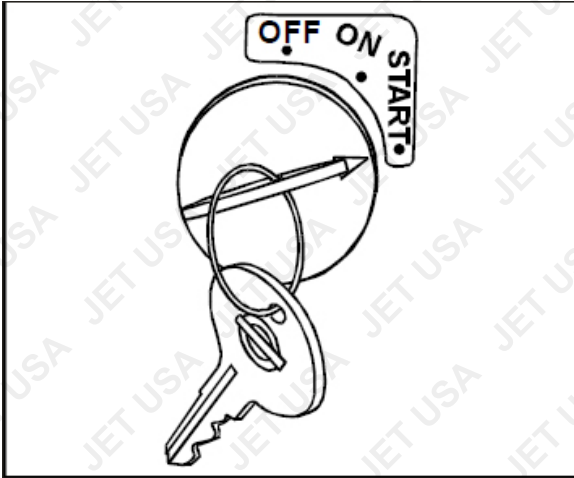
- Turn the engine speed control knob (A) left (B), slide it to the START position (C), then turn it right (D) to tighten.



- Connect the positive and negative cables to the battery terminals.

Electric Start

1. Turn the key clockwise to the START position.



2. Release the key once the engine starts; it will return to the ON position.

If the engine does not start:

1. Allow the engine to come to a complete stop before retrying. Engaging the starter while the engine is still rotating can damage the starter motor and flywheel.
2. Wait at least 30 seconds before attempting to start again.

Important: Let the engine run at no load, low pressure for 5 minutes after start-up to stabilise.

How to Stop Your Pressure Washer

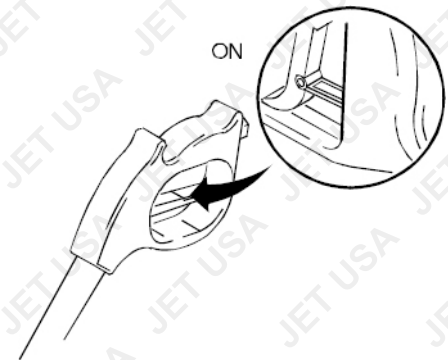
1. Release the spray gun trigger and let the engine run unloaded for 3 minutes.
2. Turn the engine speed control knob left (B), slide it to the STOP position (A), then turn it right (D) to tighten.
3. Turn the engine switch to OFF and remove the key.
4. Rotate the fuel valve to the OFF position.
5. Point the spray gun in a safe direction and squeeze the trigger to release residual pressure. Engage the safety latch.

⚠ Important: The spray gun retains high pressure even after the engine is stopped and water is disconnected. Always release pressure before storing or servicing.

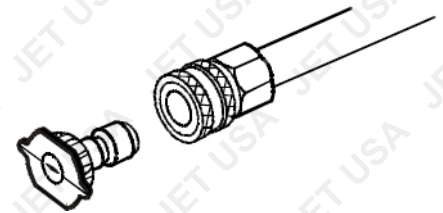
Using the Nozzle Tips

Attaching Pressure Nozzles to Spray Wand

1. Pull the slip ring on the female quick-connect fitting of the spray wand back.
2. Insert the male quick-connect fitting of the nozzle into the female quick-connect on the spray wand.
3. Release the slip ring and twist slightly. Listen for a “click” to ensure both fittings are locked.
4. Pull the nozzle and spray wand in opposite directions to confirm they are secure.



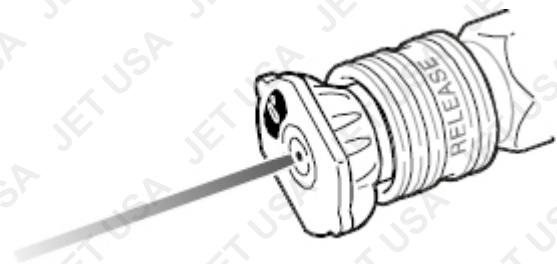
Note: To prevent surface damage and select the correct nozzle, always begin with the lowest pressure nozzle (white, 40°). Switch to higher-pressure nozzles as needed to achieve the best result.



The pressure washer is supplied with five colour-coded nozzles, each designed for a specific spray pattern and application:

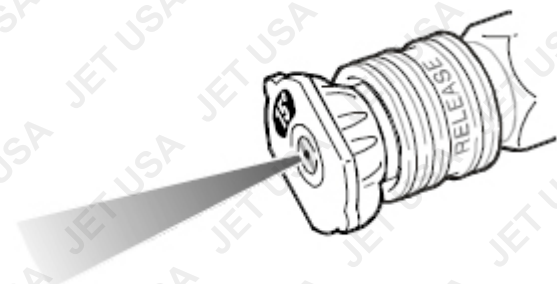
0° Red Nozzle

Produces a pinpoint stream. Extremely powerful. Suitable only for tough surfaces such as concrete or metal. Do not use on wood.



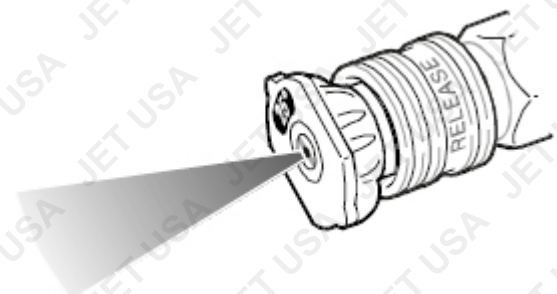
15° Yellow Nozzle

Delivers a concentrated spray for heavy-duty cleaning of durable surfaces.



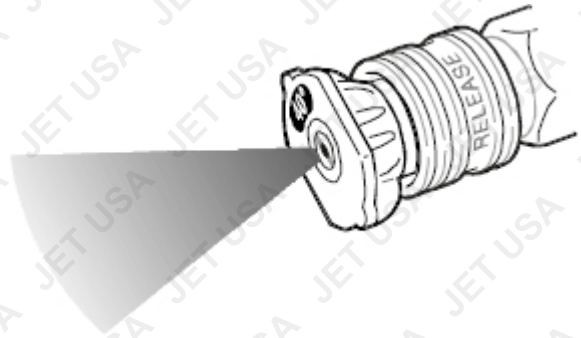
25° Green Nozzle

Produces a wider spray for general cleaning on surfaces that can withstand medium pressure.



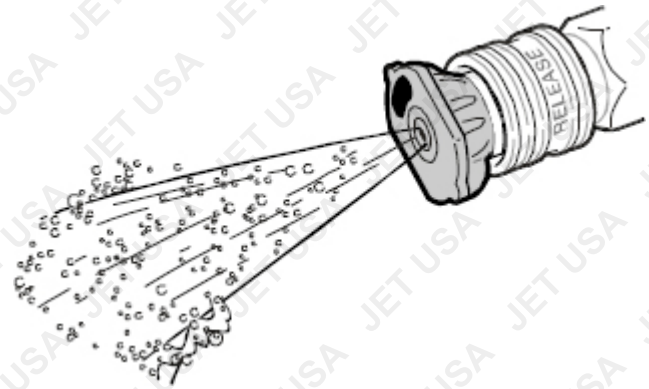
40° White Nozzle

Provides a gentle, wide spray for most cleaning jobs.
Safe for surfaces requiring lower pressure.



Black Nozzle (Chemical Nozzle)

Applies detergents and cleaning solutions. Produces the lowest pressure of all nozzles.



Nozzles are stored in the receptacle panel on the handle. Each storage point is colour-coded to match the nozzle.

⚠ WARNING: The pressure washer produces fluid pressure high enough to penetrate skin or animal tissue, which could cause serious injury or amputation. Do not point the spray gun at people or animals. High-pressure spray can also break objects, sending debris flying at high speed.

Interchanging Pressure Nozzles

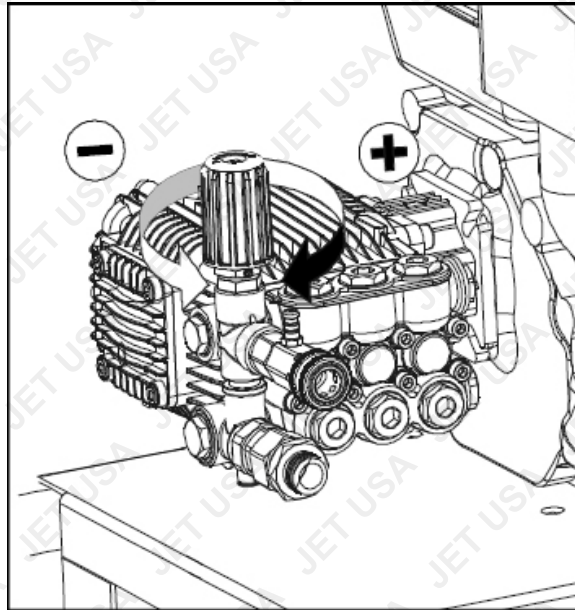
Always turn off the pressure washer before changing nozzles.

1. Pull the slip ring back on the female quick-connect and remove the nozzle.
2. Insert the male end of the new nozzle into the quick-connect.
3. Release the slip ring and twist slightly until you hear a “click”.
4. Pull the nozzle and wand in opposite directions to confirm the connection is secure.

⚠ WARNING: Never place hands in front of the nozzle. Never hold the hose or fittings during operation. Never attach or remove the spray wand or hose fittings while the system is pressurised.

Rinsing Pressure

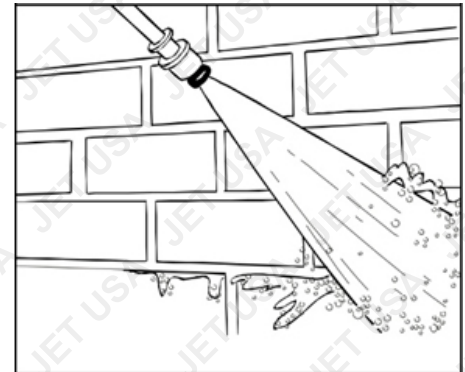
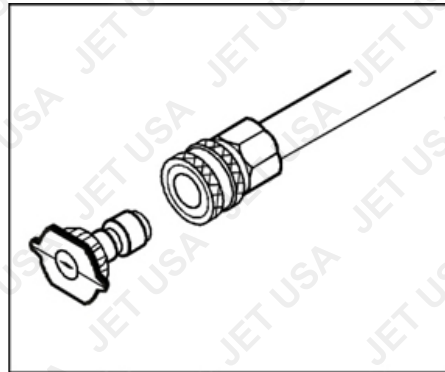
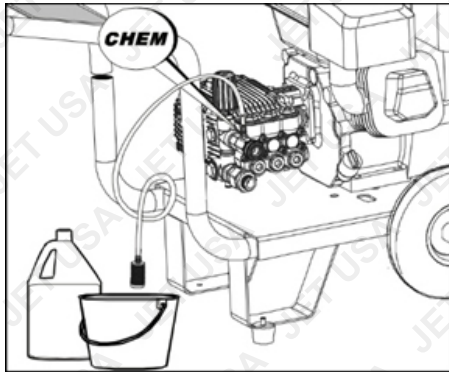
Pressure Washer Rinsing



1. Remove the black chemical spray tip from the wand.
 2. Select and install the desired high-pressure nozzle (see Use the Nozzle Tips).
 3. Keep the spray gun at a safe distance from the surface you intend to rinse.
 4. Adjust the pressure by turning the pressure control knob:
 - Clockwise → Increases pressure.
 - Counter-clockwise → Decreases pressure.
- Use lower pressure for washing items like cars or boats.
- Use higher pressure for tough jobs such as stripping paint or cleaning driveways.
5. Test on a small area first. If no damage occurs, continue rinsing.
 6. Rinse from the top of the surface downward, using overlapping strokes similar to those used during cleaning.

Applying Chemicals

⚠ Note: Use only detergents formulated for pressure washers. Do not use household cleaners, acids, alkalis, bleaches, solvents, flammable liquids, or industrial-grade solutions, as these can damage the pump. Some detergents require mixing—always follow the instructions on the product label.



To Apply Chemicals

1. Push the chemical hose onto the barbed fitting near the high-pressure hose connection.
2. Place the other end of the chemical hose (with filter) into the detergent container.
3. Install the black chemical nozzle.

After Using Chemicals

After applying detergent, clean the system thoroughly:

1. Place the chemical hose into a container of clean water.
2. Run the pressure washer and engage the spray wand to flush clean water through the system.

Cleaning and Applying Detergent

To apply detergent:

1. Review the instructions on using spray tips.
2. Prepare the detergent solution as required.
3. Place the filter end of the siphon hose into the detergent container.

Note: Ensure the filter remains fully submerged during use.

Important Reminders

- Always use the black chemical nozzle when applying detergent.
- Detergent cannot be applied with the high-pressure nozzles (white, green, yellow, or red).
- Ensure the garden hose is connected to the water inlet and the high-pressure hose is connected to the spray gun and pump. Turn on the water supply.
- Start the engine following the instructions in Start Your Pressure Washer.
- Apply detergent to a dry surface, beginning at the bottom and working upwards using long, even, overlapping strokes.
- Allow detergent to soak for 3–5 minutes. Reapply if needed to prevent drying. Do not allow detergent to dry on surfaces, as this may cause streaking.



Flushing the System

⚠ Important: After each use, flush the detergent system.

- Place the siphon hose filter into a container of clean water.
- Run the pressure washer at low pressure for 1–2 minutes to clean the system.

Lead-Acid Battery Care and Maintenance

Top 3 Battery Care Requirements

1. **Charge battery before first use.** The battery may arrive with some charge, regardless of this the battery must be charged on the initial charge and for each subsequent charge. 
2. **Charge battery immediately when it is depleted.** Do not store a depleted battery. This will permanently impact the life of the battery. If the battery is going to be stored for a period of time, fully charge the battery before storing. 

To ensure the battery maintains optimum performance, follow the guidelines outlined below.

- For best results, charge batteries in temperatures between 10°C and 30°C
- When battery is charged, disconnect the charger from the power supply and remove the battery from the charger.
- Inspect the terminals, screws, clamps and cables for breakage, damage, or loose connections. These should be clean, tight, and free of corrosion.
- Use only with the battery charger specified by the manufacturer.
- Ensure that the battery charger electrical cord is not subjected to damage or stress. Do not operate the battery charger if it has a damaged electrical cord or plug.
- Do not use the charger in wet areas or expose it to rain or water.
- Keep the battery clean, dry, free of dirt and grime. A dirty battery can discharge across the grime on top of the battery casing.
- Apply a thin coating of high temperature grease to posts and cable connections for added protection.
- Inspect the battery case for obvious signs of physical damage or warpage. This usually indicates the battery has been overheated or has been overcharged.
- Batteries can explode in the presence of an ignition source, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. Exploding batteries can propel debris and chemicals.
- Do not open the battery – danger of short-circuiting and/or explosion.
- Do not attempt to destroy or disassemble the battery pack or remove any of its components.
- Do not touch the battery terminals with metal objects and/or body parts as short-circuit and/or personal injury may result.
- Explosion hazard – protect the battery against heat, for example, direct sunlight and fire. Do not store batteries in vehicles or locations subject to heat.
- Explosion hazard – do not open and/or short-circuit the battery.
- Poison hazard – battery leakage (liquid ejection). Under extreme conditions, liquid may be ejected from the battery – avoid contact. If contact accidentally occurs, immediately seek medical attention, and flush with water. If liquid contacts eyes, immediately seek medical attention, flush with clean water for at least 10 minutes. Liquid ejected from the battery may cause irritation or burns.
- Dispose of non-serviceable batteries in an environmentally responsible manner and according to local regulations.

Failure to adhere to the requirements above may result in the battery becoming inoperative or battery life being reduced. In extreme cases or abuse, battery overheating, or fire may result.

Maintenance

ATTENTION: Surface corrosion will occur on metal surfaces over time and the rate of oxidation depends on factors such as proximity to the ocean and humidity or condensation of water vapour on metal surfaces. To mitigate this, WD40 can be used to remove surface corrosion then, when applied periodically, it will prevent rust from forming.

Before inspecting or servicing this machine, make sure the engine is off and no parts are moving. Disconnect the spark plug wire and move it away from the spark plug.

General Recommendations

Regular maintenance improves performance and extends the life of the pressure washer.

- The warranty does not cover items damaged by operator abuse or neglect.
- To ensure full warranty coverage, maintain the pressure washer as outlined in this manual, including proper storage.
- Some adjustments may be required periodically. Check the spray gun and extension wand for wear.
- Perform all maintenance at least once per season, or more often if used heavily.
- Once a year, clean or replace the spark plug and air filter. A new spark plug and clean air filter help the engine run more efficiently and last longer.

Clean Debris

- Daily or before each use, clean debris from the unit.
- Keep linkages, springs, and controls clean.
- Keep the area around and behind the muffler free of combustible debris.
- Inspect cooling air slots and openings and keep them clear.

⚠ Notice: Improper care can damage the pressure washer and shorten its life. Do not insert objects into cooling slots.

Cleaning Methods:

- Wipe exterior surfaces with a damp cloth.
- Use a soft-bristle brush to loosen dirt or oil.
- Use a vacuum to remove loose debris.

Check and Clean Inlet Screen

- Inspect the screen on the pump water inlet.
- Clean if clogged or replace if damaged.

Check High-Pressure Hose

- Inspect the hose before each use for cuts, leaks, abrasions, bulges, or damaged fittings.
- Replace immediately if any of these are found.

⚠ WARNING: The high-pressure stream can penetrate skin and cause serious injury or amputation. Never repair a high-pressure hose. Replace it. Replacement hose must have a pressure rating higher than the unit's maximum rating.

Check Detergent Siphon Tube

- Inspect the filter on the detergent tube and clean if clogged.
- Ensure the tube fits tightly on the barbed fitting.
- Replace the tube or filter if cracked, leaking, or damaged.

Check Spray Gun

- Inspect the hose connection to the spray gun to ensure it is secure.
- Verify the trigger safety lock is working. Replace the spray gun immediately if the lock is missing, damaged, or not functioning.

Check Spray Wand

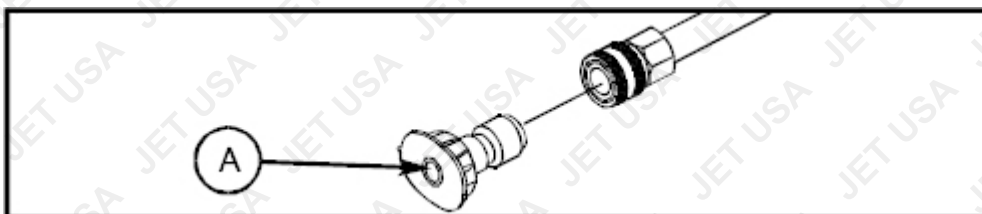
- The spray wand may become clogged with dirt or debris, causing pressure pulsation.
- Clean immediately if the nozzle becomes blocked.

Nozzle Maintenance

A pulsing sensation when squeezing the spray gun trigger may be caused by excessive pump pressure. The most common cause is a clogged or restricted spray tip.

To correct the problem, clean the spray tip as follows:

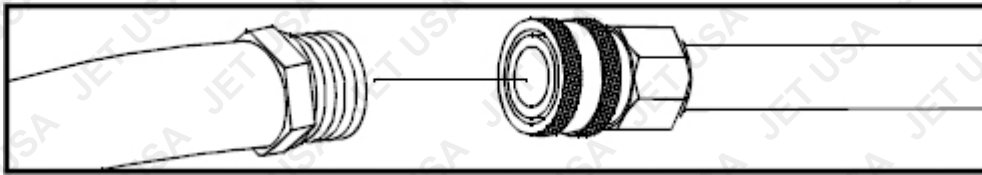
1. Shut off the engine and turn off the water supply.
2. Always point the spray gun in a safe direction and squeeze the trigger to release retained high pressure.
3. Remove the spray tip from the nozzle extension.
4. Use a small paper clip to clear any debris from the spray tip (A).



5. Remove the nozzle extension from the spray gun.

DX800 Diesel High Pressure Cleaner

6. Backflush debris by running water through the nozzle extension with a garden hose.



7. Reinstall the spray tip into the nozzle extension.
8. Reconnect the nozzle extension to the spray gun.
9. Ensure the garden hose is connected to the water inlet, and the high-pressure hose is connected to the spray gun and pump. Turn on the water.
10. Start the engine following How to Start Your Pressure Washer.
11. Test the spray pattern with each nozzle tip.

⚠ WARNING: The high-pressure water stream can penetrate skin and underlying tissue, causing serious injury or amputation.

- Keep the high-pressure hose connected while the system is pressurised.
- Always point the spray gun in a safe direction and squeeze the trigger to release pressure each time you stop the engine.
- Never attempt to clean or change the spray tip while the unit is pressurised.

Pump Oil Maintenance

Changing Pump Oil

- Change oil after the first 50 hours of operation, then every 200 hours or 3 months, whichever comes first.
- Use only high-quality SAE 30 non-detergent oil. Do not add special additives.

Steps:

1. Clean the area around the brass oil drain plug at the bottom of the pump.
2. Remove the oil drain plug and drain oil into an approved container.
3. When drained, reinstall and tighten the drain plug.
4. Clean the area around the oil dipstick. Remove the dipstick and refill with recommended oil to the full mark.
5. Reinstall the dipstick.
6. Wipe up any spilled oil.

Pump Oil Capacity:

- Series 15 → 430 ml (10W-30)
- Series 18 → 560 ml (10W-30)

Engine Maintenance

⚠ Caution: Avoid prolonged or repeated skin contact with used motor oil. Used oil has been linked to skin cancer in laboratory animals. Wash exposed skin thoroughly with soap and water.

Environmental Care:

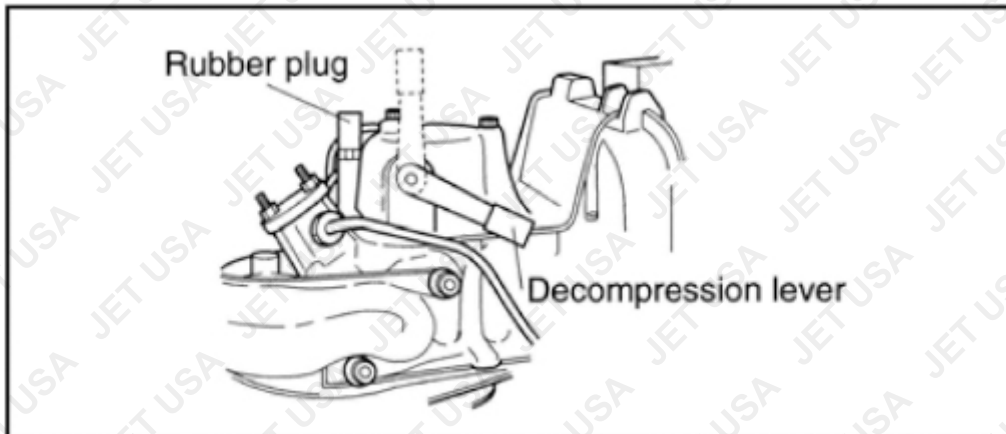
- Keep oil out of reach of children.
- Do not pollute. Return used oil to a collection centre.

Storage

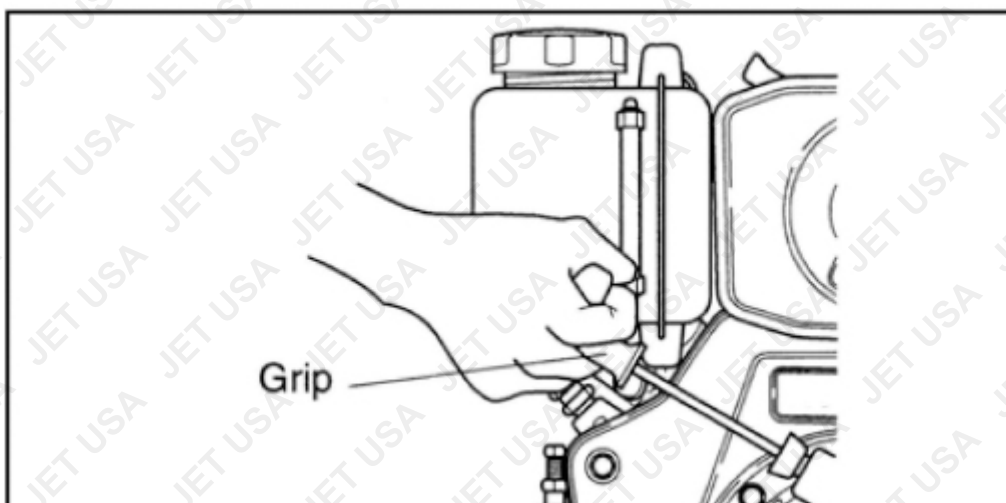
Long-Term Storage Instructions

If storing the engine for an extended period:

1. Run the engine for 3 minutes to burn off excess fuel in the chamber.
2. Stop the engine. While still warm, drain the engine oil and refill with fresh oil.
3. Remove the rubber plug on the rocker arm and add about 2 cc of lubricant. Replace the plug.



4. Recoil Starting – Push the decompression lever down and pull the recoil starter 2–3 times (do not start the engine).
5. Electric Starting – Hold down the decompression lever and turn the key to START. Let the engine rotate for 2–3 seconds.
6. Pull the decompression lever up. Slowly pull the recoil starter until resistance is felt (compression stroke). This seals the chamber to prevent moisture entering and causing rust.
7. Wipe oil and dirt from the engine.



Storage of Pressure Pump

1. Drain all water from the high-pressure line, coil it, and store in the handle cradle.
2. Drain all water from the spray gun and wand by holding the gun vertically with the nozzle pointing down. Squeeze the trigger to release water, then store in the holder.
3. Store the chemical hose, high-pressure hose, and spray wand safely to avoid damage.

Protecting Pump Seals (For Storage Over 30 Days or in Freezing Conditions)

To protect the internal seals of the pump:

1. Obtain a funnel, 180 ml (6 oz) of RV antifreeze, and approx. 90 cm (36 in) of garden hose with a male connector.
2. Disconnect the spark plug wire to prevent accidental starting.
3. Connect the garden hose to the pump water inlet.
4. Add the RV antifreeze.
5. Pull the starter rope slowly several times until antifreeze flows from the pressure hose connection.
6. Disconnect the hose from the water inlet.

⚠ CAUTION: Use only RV antifreeze. Other types are corrosive and will damage the pump.

Other Storage Tips

- Replace metal fuel containers if they show signs of rust. Store fuel only in approved plastic containers to prevent contamination.
- Cover the pressure washer with a breathable cover (not plastic or coated tarp) to avoid moisture retention. Do not cover while the unit is still hot.
- Store in a clean, dry location.

Troubleshooting

Problem	Probable Cause	Solution
Starter motor operates but engine does not start	<ol style="list-style-type: none"> 1. No diesel fuel 2. Incorrect diesel fuel 3. Clogged fuel filter 4. Faulty fuel injection 5. Air leakage from intake/exhaust valves 	<ol style="list-style-type: none"> 1. Refill with clean diesel fuel 2. Replace with recommended diesel fuel 3. Replace fuel filter 4. Contact authorised service centre 5. Contact authorised service centre
Starter motor does not operate or rotates too slowly (engine can be turned manually)	<ol style="list-style-type: none"> 1. Battery not charged 2. Loose/dirty cable connections 3. Faulty starter switch 4. Faulty starter motor 	<ol style="list-style-type: none"> 1. Recharge battery 2. Clean and tighten terminals 3. Contact authorised service centre 4. Contact authorised service centre
Black exhaust smoke	<ol style="list-style-type: none"> 1. Engine overloaded 2. Clogged air filter 3. Incorrect diesel fuel 4. Faulty fuel injection spray 5. Excessive valve clearance 	<ol style="list-style-type: none"> 1. Reduce load 2. Clean or replace filter 3. Replace with recommended diesel fuel 4. Contact authorised service centre 5. Contact authorised service centre
White exhaust smoke	<ol style="list-style-type: none"> 1. Incorrect diesel fuel 2. Faulty fuel injection spray 3. Incorrect injection timing 4. Engine burning oil 	<ol style="list-style-type: none"> 1. Replace with recommended diesel fuel 2. Contact authorised service centre 3. Contact authorised service centre 4. Contact authorised service centre
No pressure or low pressure	<ol style="list-style-type: none"> 1. Spray wand not set to high pressure 2. Low water supply 3. Leaking hose fittings 4. Nozzle blocked 5. Clogged water filter 6. Defective thermal relief valve 7. Air in hose 8. Engine speed too low 9. Extended high-pressure use 	<ol style="list-style-type: none"> 1. Check spray wand setting 2. Ensure water supply is at least 19 L/min @ 138 kPa (5 GPM @ 20 PSI) 3. Tighten fittings, use thread sealant if required 4. Clean nozzle 5. Remove and clean filter 6. Contact authorised service centre 7. Purge air from system 8. Increase engine speed 9. Adjust throttle from idle to fast position
Pump will not draw chemicals	<ol style="list-style-type: none"> 1. Spray wand not set to low pressure 2. Clogged chemical filter 3. Hose not submerged 4. Solution too thick 5. Pressure hose too long 6. Build-up in injector 	<ol style="list-style-type: none"> 1. Check spray wand setting 2. Clean filter 3. Submerge hose in detergent 4. Dilute detergent 5. Shorten hose 6. Clean or replace injector (authorised dealer)

DX800 Diesel High Pressure Cleaner

Problem	Probable Cause	Solution
No or low pressure (after normal use)	<ol style="list-style-type: none"> 1. Worn seals/packing 2. Obstructed/worn valves 3. Worn unloader piston 4. Worn EZ-start valve 	Have parts serviced or replaced by authorised dealer
Water leaking at spray gun/wand connection	<ol style="list-style-type: none"> 1. Worn/damaged O-ring 2. Loose hose connection 	<ol style="list-style-type: none"> 1. Replace O-ring 2. Tighten connection
Water leaking at pump	<ol style="list-style-type: none"> 1. Loose connections 2. Worn piston packings 3. Worn or broken O-rings 4. Pump head/tubes damaged from freezing 	<ol style="list-style-type: none"> 1. Replace O-rings 2. Tighten connections 3. Service packings 4. Replace pump head/tubes (authorised dealer)
Oil leaking at pump	<ol style="list-style-type: none"> 1. Worn oil seals 2. Loose drain plug 3. Worn drain plug O-ring 4. Worn fill plug O-ring 5. Pump overfilled 6. Wrong oil used 7. Blocked vent plug 	<ol style="list-style-type: none"> 1. Replace seals (authorised dealer) 2. Tighten plug 3. Replace O-rings 4. Check and adjust oil level 5. Drain and refill with correct oil 6. Clean/replace vent plug
Pump pulsates	Nozzle blocked	Clean nozzle (see Nozzle Maintenance)

Specifications

Starting System	Electric with Recoil Backup
Engine Displacement	418cc
Power (HP)	10 hp
Fuel Capacity	4.5L
Fuel Type	Diesel
Pump Type	Triplex, Brass Head
Continuous Pressure	3600psi
Maximum Pressure	4000psi
Flow Rate	17L/min (4.5 GPM)
Hose Length	20m
Pro-Tip Nozzles	0°, 15°, 25°, 40°, Soap Nozzle
Wheel Size	10"
Wheel Type	All-terrain No-flat Tyres
Chassis Material	Tubular Steel
Finish	Powder Coated
Colour	Grey



Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging, and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear, or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear, or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business, or employee, or financially affect the user, business, or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement, or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

