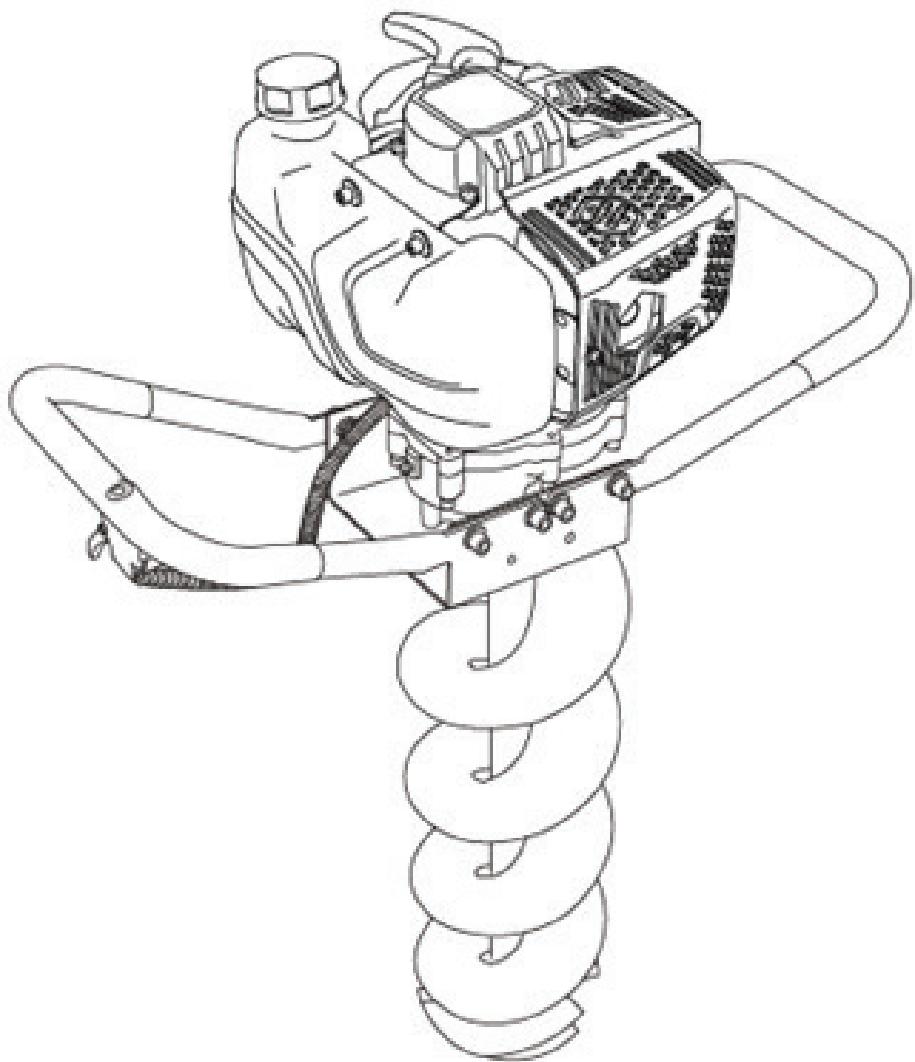


PerlaBarb

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65CC PERLA BARB POST HOLE DIGGER USER GUIDE

SKU: PBHH



chainsawspares.com.au | sales@jonoandjohno.com.au

	<p>Read these instructions before use!</p>
	<p>Always wear safety glasses when working with this tool!</p>
	<p>Always wear ear protection when working with this tool!</p>
	<p>Wear safety shoes</p>
	<p>Wear safety gloves</p>
	<p>Do not use in the rain</p>
	<p>DO NOT lean on the machine!</p>
	<p>Do not use the rotary drill when other people, especially children are nearby.</p>
	<p>Beware of the auger blades! They can cause significant injuries if you make contact with them!</p>

SAFETY

OWNER'S RESPONSIBILITY

- Accurate assembly and safe and effective use of the auger is the owner's responsibility.
- Read and follow all safety instructions.
- Carefully follow all assembly instructions.
- Maintain the auger according to directions and schedule included in this operator's manual.
- Ensure that anyone who uses the auger is familiar with all controls and safety precautions.

IMPORTANT SAFETY PRECAUTIONS

Operate the auger according to the safety instructions and recommendations outlined here and inserted throughout the text. Anyone who uses this auger must read the instructions and be familiar with the controls.

- Do not carry the earth auger between holes with the engine running.
- Always keep hands, feet, hair and loose clothing away from any moving parts on engine and auger.
- Always wear a protective hearing device.
- Do not allow children to operate this earth auger. Do not allow adults to operate the auger without proper instruction.
- Do not operate any power equipment under the influence of alcohol or drugs.
- Keep all screws, nuts and bolts tight.
- Engine should be turned off and cool, spark plug wire must be removed from spark plug before any repairs are attempted.
- Temperature of muffler and nearby areas may exceed 150° F (65° C).
- Avoid these areas.
- Never run engine indoors or in an enclosed area. Engine exhaust contains carbon monoxide, an odorless and deadly gas.
- If the planting earth auger will not turn in a hole, turn engine off and allow to cool before attempting to remove it manually.
- To change or replace auger, please go to the maintenance center to change with the same size as stated in the manual.

STARTING AND STOPPING ENGINE

- Move choke lever to **RUN** position.
- Prime unit until primer hose is filled with petrol.
- Move choke lever to **CHOKE** position.
- Push rocker switch to the **ON** position.
- Squeeze the back of trigger assembly control with right hand. Grasp starter handle with left hand and pull out slowly, until resistance increases. Without letting starter handle retract, pull rope with a rapid full arm stroke. Let it return to its original position very slowly until unit fires or runs. Repeat this step every time the starter rope is pulled.
- After engine starts running, move choke lever to **HALF CHOKE** position until unit runs smoothly.
- Move choke lever to **RUN** position and move throttle to desired speed.
- To stop engine, push switch to **OFF** position

OPERATING INSTRUCTION MANUAL

Please read and save these instructions. Read through this owner's manual carefully before using product. Protect yourself and Others by observing all safety information, warnings and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property. Please retain instructions for future reference.

CAUTION: The operator of this machine is advised that reactive torque may occur when the rotating auger makes contact with hard debris. Therefore, a firm hold with both hands is essential.

Petrol Engine

Specific Safety Instructions

- Petrol or diesel powered engines must never be used in unventilated or closed spaces. The exhaust fumes are highly dangerous and can cause "Carbon Monoxide Poisoning" which will cause drowsiness and death.
- The engine must not be run at speeds that exceed the maximum stated on the rating plate.
- Operating an engine at excessive speeds increases the hazard of personal injury.
- Do not tamper with components, which may increase or decrease the governed speed.
- Never leave the engine running unattended near a building or near a canvas or plastic structure i,e, Tents etc.
- Always use the correct fuel as stated in the user manual and on the rating plate.
- To prevent fire, always stop the engine when refuelling and never over fill the fuel tank.
- Always clean up spilt fuel immediately using sand.
- DO not run the engine in or near an explosive atmosphere.
- Check the fuel system periodically for leaks. Seals and hoses should be checked for signs of deterioration or chafing. Check for loose or missing clamps, damaged fuel tank or filler cap. All defects should be corrected before further use.
- Do not allow the engine to run out of fuel.
Before transporting in a vehicle, drain all fuel to prevent leakage.
- Store the engine in a well-ventilated area with the tank empty.

Hole Borer

Specific Safety Instructions

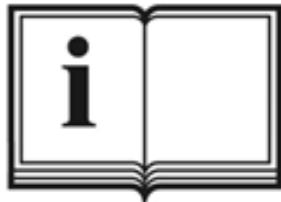
- Before using the hole borer the operator must be informed of the manufacturers safety instructions and instructions for use. The machine must only be operated by a trained person.
- Use the hole borer only in daylight or in good artificial light.
- Always start the hole borer carefully with your feet well away from the auger bit.
- Do not leave the hole borer unattended when the engine is running.
- Do not use the hole borer barefoot or in open toed sandals. Always wear suitable clothing, gloves and safety shoes.
- Use the hole borer in soil only, do not use to bore holes in excessively rocky ground.
- Do not bore holes in an area where there may be hidden gas and water pipes or electricity and other cables. Ensure the auger bit is attached to the gearbox output shaft securely.
- Do not use a damaged or worn auger bit.
- Do not carry the hole borer with the engine running, the auger bit should not rotate when the engine is idling.
- Keep hands and feet away from the rotating auger bit at all times.
- Always ensure that the engine is switched off and the spark plug cap is removed before making any adjustments.
- Before using your hole borer always visually inspect it to see if any parts are worn or damaged. Replace damaged parts before using the machine.

SYMBOLS

An explanation of the symbols/icons that appear on the machine and the labels.
These are here for your safety and must be observed.



CAUTION: Wear protective gloves when using the machine and handling debris.



Please read instruction manual before operation, maintenance & repair



Conforms to European Safety Standards



Debris may be ejected from the work space



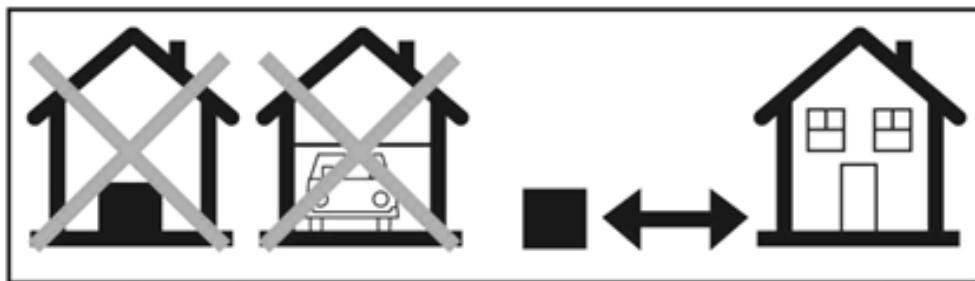
Do not use foot to clear debris from auger



CAUTION: Rotating auger when machine is running



Keep bystanders and pets clear of the machine when in use



Using this product indoors **WILL KILL YOU IN MINUTES.**
Exhaust contains carbon monoxide, a poison gas you
NEVER use in the house or in partly enclosed areas such as garages.

Only use outdoors and far from open windows, doors and vents.

PETROL DRIVEN HOLE BORER

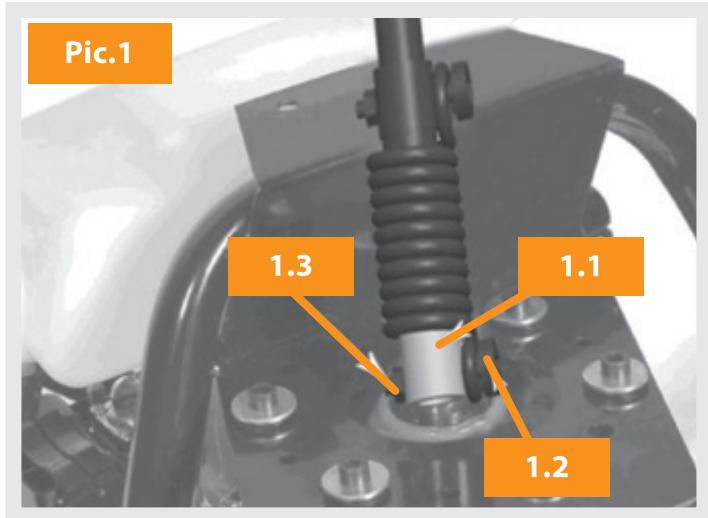
Getting Started

CAUTION: The operator of this machine is advised that reactive torque may occur when the rotating auger makes contact with hard debris. Therefore, a firm hold with both hands is essential.

FITTING AUGER BITS (Pic. 1)

Caution. Always ensure that the hole borer is switched off before making any adjustments.

With the locking pin and split pin removed place the hollow end of the auger bit onto the drive shaft on the underside of the hole borer. Line the hole in the shaft of the auger bit (Pic.1)(1.1) with the hole on the drive shaft of the hole borer, push the locking pin (Pic.1)(1.2) through the hole and lock in position using the split pin (Pic.1)(1.3) provided.



FUELLED (Pic. 2)

The hole borer is powered by a two stroke engine which uses a petrol oil fuel mix. The correct fuel mixture is a ratio of 25:1 of petrol and two stroke oil i.e. 25 parts of unleaded petrol to one part of two stroke oil. **Warning!** Use only genuine two stroke oil.



Fuel Mixing

The fuel tank has a maximum capacity of 1L. To mix the fuel correctly, use the fuel mixing bottle to measure the correct amount of oil to petrol.

Warning! Do not mix the fuel in the hole borer fuel tank. Measure the fuel into the fuel mixing bottle then add the correct proportion of two stroke oil according to the markings on the fuel mixing bottle. Agitate the container to ensure thorough mixing of the petrol and oil.

Filling the fuel tank

Use a suitable funnel to transfer the fuel mix from the container to the hole borer fuel tank, taking care not to spill any fuel or over fill the fuel tank.

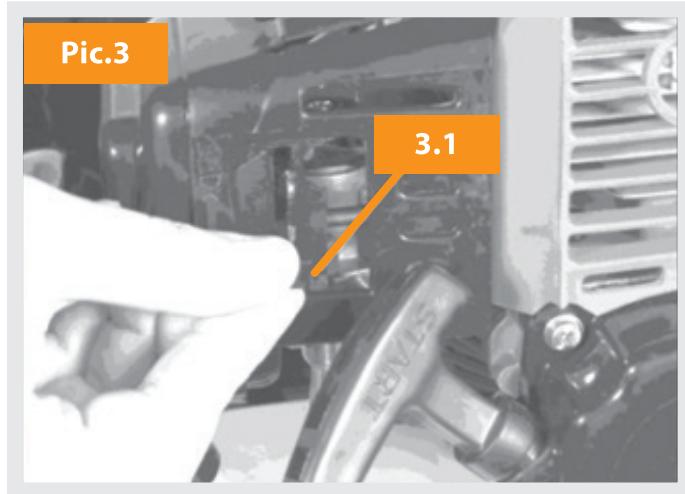
Please note that for safety reasons this product has been supplied with the fuel system completely drained of fuel and the engine will require "running in". When starting for the first time you may experience some difficulty in starting the hole borer. Once the fuel has fully circulated through the system the hole borer will start. Once started and "run in" future starting will be easier.

PETROL DRIVEN HOLE BORER

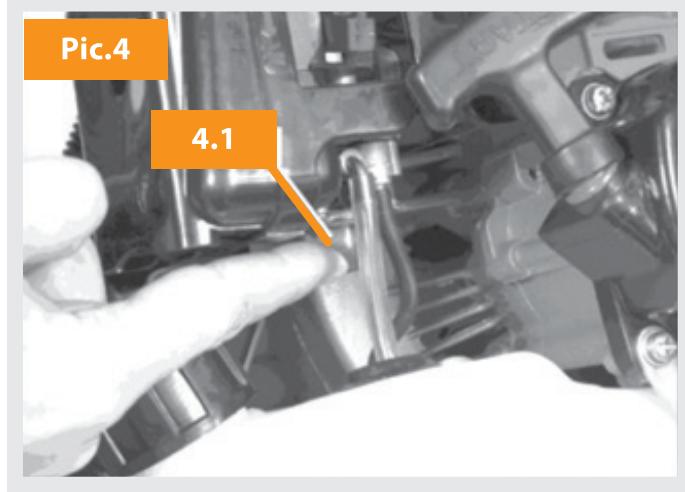
STARTING THE ENGINE (Pics. 3 to 6)

Gently agitate the fuel mix by gently rocking the hole borer backwards and forwards a few times. This will ensure that the two-stroke oil has not settled out from the petrol.

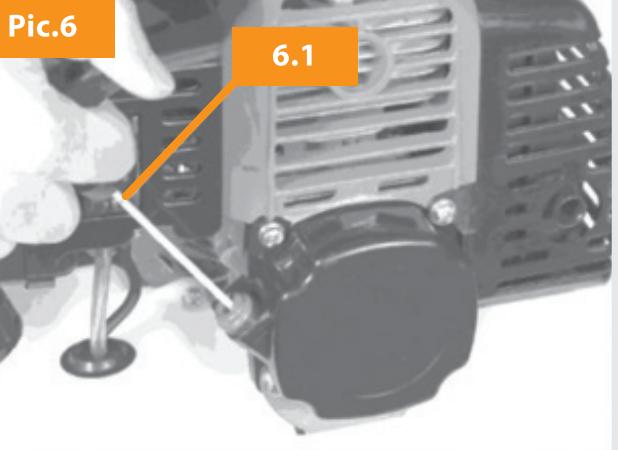
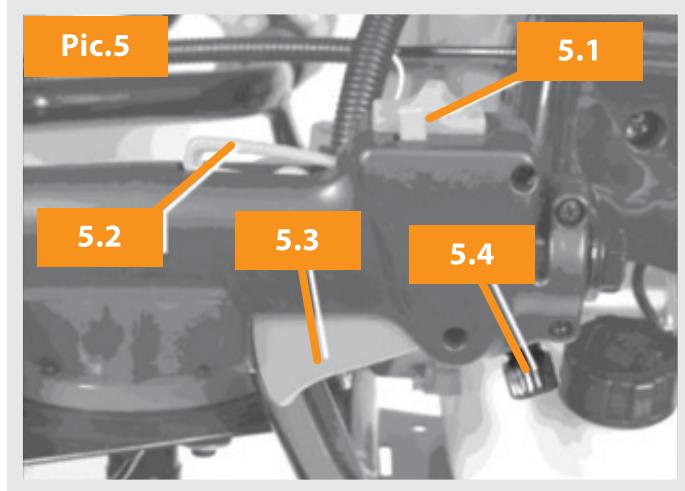
Set the choke lever to the On position (Pic.3).



If the carburetor requires "priming", pump the clear rubber priming button (Pic.4) until fuel appears in the clear rubber priming button.



Make sure that the STOP/RUN switch is in the RUN position (Pic.5) (5.1).



Hold down the hole borer firmly with one hand. With the other hand grip the recoil starter cord handle (Pic.6) and pull slowly until resistance is felt indicating that the recoil starter is engaged. When resistance is felt pull the cord sharply. Continue this procedure until the engine starts.

When the engine has been successfully started and is running smoothly return the choke lever to the OFF position.

Press in the safety switch lever (Pic.5)(5.2) then squeeze the throttle lever (Pic.5)(5.3), the auger bit will begin to rotate. To adjust the boring speed rotate the speed adjuster (Pic.5)(5.4) until the desired setting is achieved.

To stop the auger bit from rotating, briefly squeeze then release the throttle lever

OPERATING THE HOLE BORER

This product requires the use of two hands to ensure safe operation.

Make sure that the hole boring operation does not involve the risk of contact with electric cables, gas mains, water Pipes etc.

Inspect the work area before starting. Remove any objects or debris that could be thrown, jammed or become entangled in the auger bit.

Adopt a stable stance always keeping the hole borer in front of your body. Grip the handles with both hands ensuring you can safely operate the control levers.

Allow the auger bit to reach full speed before commencing the boring operation.

PETROL DRIVEN HOLE BORER

If the auger bit hits a stone, hard ground etc, the rotation may stop immediately and give a hard torque reaction. It is therefore required that the operator has a firm grip on both handles during operation in order to compensate for a sudden torque reaction. Remove any jammed debris from the auger bit and examine for any damage before re-commencing work.

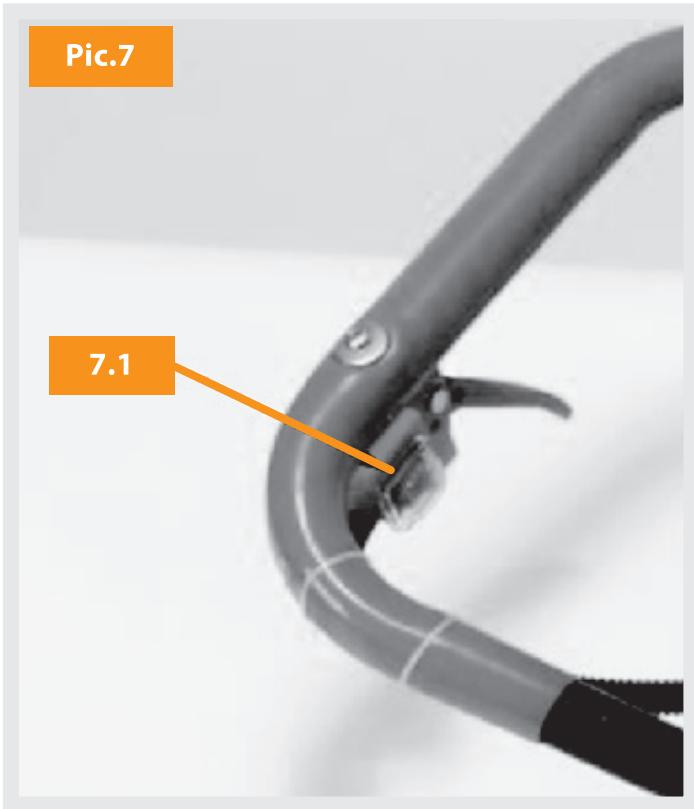
STOPING THE ENGINE (Pic. 7)

Push the STOP/RUN switch to the STOP position

(Pic.7)(7.1)

Pic.7

7.1



MAINTENANCE

WARNING: Always ensure that the hole borer is switched off and the spark plug cap is removed before making any adjustments or maintenance procedures. Always wear sturdy gloves when handling auger bits, as they can be very sharp. Re-lubricate all moving parts at regular intervals. If the body of the hole borer needs cleaning, wipe it with a soft damp cloth and mild detergent. Do not clean any of the plastic components with alcohol, petrol or any other harsh cleaning agent.

SPARK PLUG (Pic. 8)

After every 10 hours of running, the spark plug should be removed. Check the colour of the deposits on the end of the spark plug; it should be a "Tan" colour. Remove all deposits using a stiff brush a brass wire brush is ideal. Check the Spark plug gap and adjust if required. The correct gap should be 0.7 to 0.8mm.

Pic.8

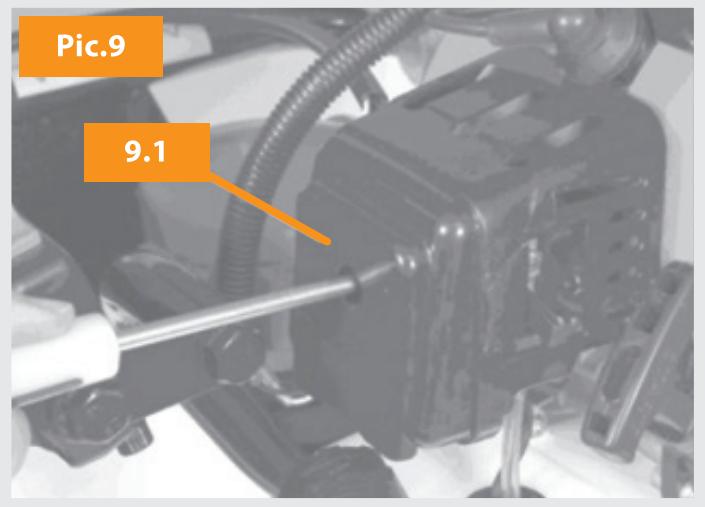


AIR FILTER (Pic. 9)

After every 4 hours of running, the air filter should be removed, examined for deterioration and cleaned. Remove the air filter housing cover then remove the air filter, clean the air filter thoroughly using an environmentally friendly water based degreasing agent, when the air filter has dried out apply sufficient ordinary engine oil to coat the whole of the filter. Squeeze out any excess oil and replace the air filter and cover. Warning! Never run the engine without the air filter fitted.

Pic.9

9.1



PETROL DRIVEN HOLE BORER

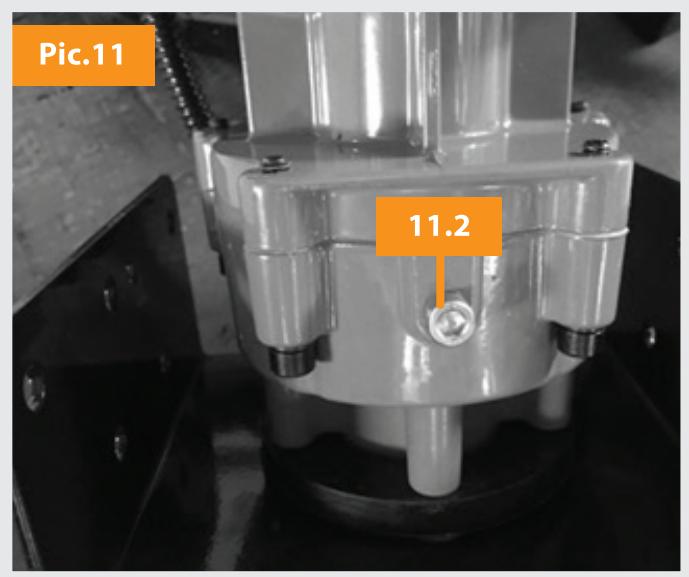
LUBRICATING THE GEARBOX (Pic.11)

After every 5-8 hours use

It is recommended that after 5-8 hours of use the gearbox oil should be topped up using suitable Lithium Grease. With the engine in its upright position remove the bolt on the oil filler port (Pic.11) and add 15ml of gear oil. Refit the oil filler port bolt.

After every 50 hours use

It is recommended that after 50 hours of use the gearbox oil should be replaced using suitable Lithium Grease. Remove the drain plug (Pic.11)(11.2) on the side of the gearbox then tilt the engine so all the oil drains from the gearbox. With the engine in its upright position add gear grease. Refit the drain plug.



STORAGE

If the hole borer is not to be used or is to be stored for more than one month the following storage procedure should be carried out. Drain all the fuel from the fuel tank and the carburetor, ensure that all the fuel has been removed.

Remove the spark plug and pour approximately one tablespoon full of clean engine oil into the spark plug hole. With the ignition turned OFF gently pull on the recoil starter cord several times. Re-fit the spark plug continue to pull the recoil starter cord until the piston is on the compression stroke (when resistance is felt) then stop pulling.

Store the hole borer in a dry well ventilated place under cover to prevent any dust or debris from accumulating on the hole borer.

TECHNICAL SPECIFICATIONS

Engine Model	JPETS65
Engine type	Air-cooled
Displacement	2-stroke, Single Cylinder Petrol Engine
Auger speed	65 cm3
Fuel	No 0-350 min-1
Fuel/Oil mix ration	Unleaded petrol
Fuel/Oil mix ration	25:1
Fuel tank capacity	1L
Gearbox oil capacity	250ml
Gearbox oil type	3# Lithium Grease
Starting system	Recoil starter
Air cleaner type	Sponge element
- Sound pressure level	97.7dB(A) K=3dB
- Sound power level	111.16dB(A) K=3dB
- Guaranteed sound power level	114 dB(A)
- Vibration	12.97m/s ² K=1.5 m/s ²

The sound intensity level for the operator may exceed 85dB(A) and sound protection measures are necessary.