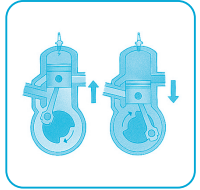




2 Stroke Petrol Engine

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

It is important to read this entire leaflet BEFORE using the 2 stroke petrol engine



1. Plan the use of the 2 Stroke Petrol Engine so that it can always be used safely.
2. Petrol is highly flammable. Take care not to cause a fire or explosion.
3. Use this equipment only for the purpose for which it was designed.
4. 2 stroke petrol engines are designed to supply a self-contained, reliable source of power to a variety of mobile, static and hand-held tools and equipment.
5. The action of this equipment and its engine can cause injury or damage if the machine is not used in a careful and controlled way.
6. If you have not used petrol-engined equipment before, familiarise yourself with how the machine and its engine works before you start on the main task.
7. You will need to wear various items of personal protective equipment, check the safety instruction leaflet issued for the equipment you have hired to find what you need.
8. This equipment must not be used by minors, or by anyone under the influence of drugs or alcohol.
9. This equipment is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



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Please keep this leaflet safe as it may be required for future reference

1. Wear your personal protective equipment.
2. Allow the engine to reach its operating temperature, especially in cold weather, before starting work.
3. If the engine starts to labour and slow down, do not work it so hard. Do not overload the engine.
4. Stop the engine and close petrol taps if leaving the machine unattended.
5. The engine and exhaust system will get hot and remain hot for some time after stopping. Do not touch or allow anything near that burns.
6. If your engine does not work properly, do not attempt to repair it. Contact the hire company.

STARTING THE ENGINE

1. Check that the engine and machine controls are set correctly.
2. Make sure that you hold the machine firmly so it will not move when you pull it to prevent dirt falling into the fuel tank.
3. Stop the engine and let it cool down, if possible move the machine away from your work area.
4. Clean the filler cap and the area around it to prevent dirt falling into the fuel tank.
5. Shake the fuel can to mix the petrol and oil.
6. Use a funnel when refuelling. Do not spill any fuel on yourself or the machine.
7. Wipe any fuel off the machine. Dispose of fuel soaked cloth carefully.
8. If you spill any fuel on your clothes, change them straight away.
9. Put all fuel caps back on properly, and move your fuel can to a safe, cool place.
10. Use a fresh mixture of two stroke engine oil with petrol. If the hire company have given you special instructions on how much oil to use, follow them. Otherwise use 1 measure of two stroke oil to 25 measures of petrol (40 ml per litre).

USING THE ENGINE

1. Pull the starter handle slowly until you can feel that the starter has engaged with the engine, then pull it quickly and strongly. Don't pull it too far, or it may break.
2. Guide the cord back into place so that it recoils correctly.
3. Pull the starter handle slowly until you can feel that the starter has engaged with the engine, then pull it quickly and strongly. Don't pull it too far, or it may break.



Before Starting Work...

WORK AREA

1. Do not use this equipment where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. Using this equipment indoors or in confined spaces could cause fatal carbon monoxide poisoning. Never use it in domestic premises and only use it in other indoor situations if its suitability and the ventilation required has been fully assessed. Mechanical extraction ventilation will almost always be required.
3. Make sure that the area is clear and safe and that no-one is near to you or could distract you.
4. Protect other people from the noise and possible injury. Warn others to keep away, put barriers around your work area.
5. You must wear the relevant items of personal protective equipment (PPE) pertaining to the type of machine you are using and the environment you are working in. Particular jobs or environments may require a high level of protection.

REFUELLING

1. No smoking.
2. Use a fresh mixture of two stroke engine oil with petrol. If the hire company have given you special instructions on how much oil to use, follow them. Otherwise use 1 measure of two stroke oil to 25 measures of petrol (40 ml per litre).
3. Find out how to switch the engine off, before you start the equipment you must know how to stop it.
4. Check that the equipment is in a safe ready-to-work position before you start the engine.
5. Check your engine and the equipment. If anything is found damaged, do not use it – contact the hire company.
6. Wipe any fuel off the machine. Dispose of fuel soaked cloth carefully.
7. If you spill any fuel on your clothes, change them straight away.
8. Put all fuel caps back on properly, and move your fuel can to a safe, cool place.
9. Use a fresh mixture of two stroke engine oil with petrol. If the hire company have given you special instructions on how much oil to use, follow them. Otherwise use 1 measure of two stroke oil to 25 measures of petrol (40 ml per litre).

ENGINE

1. Check your engine and the equipment. If anything is found damaged, do not use it – contact the hire company.
2. Anybody who is working near to you will also need to wear appropriate personal protective equipment.