



# Using the Petrol Breaker

1. Wear your protective equipment including ear defenders and goggles.
2. Avoid breathing the exhaust fumes.
3. Make sure you have a safe firm footing, take care not trip over loose rubble.
4. Keep the engine idling until the tool bit is on the work surface. Do not squeeze the throttle trigger if the tool bit has no load.
5. At the start of each breaking operation, position the breaker right angles to the work surface. This will prevent the tool skating across the surface to be broken when you operate the breaker.
6. Do not use the breaker as a lever to prise open the work area.
7. If the tool bit jams in the work surface do not use the breaker to lever the tool free. Release the jammed tool bit from the breaker and insert another tool bit. Use this new tool bit to break away the work surface around the jammed tool bit.
8. Watch out for signs that vibration may be affecting your hands. If your fingers start to tingle or feel numb, take a short break from using the breaker. Exercise your fingers to encourage blood circulation.
9. To help prevent vibration affecting your hands, operate the machine for shorter periods. Keep your hands warm – wearing gloves may help do this.
10. Stop work, and stop the engine if someone approaches you.
11. Stop the engine before leaving the breaker unattended.
12. If your equipment does not work properly, do not attempt to repair it. Contact the hire company.
13. You may want to read this leaflet again. Please keep it until you finish work.

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

# Petrol Breaker

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 Petrol Breaker

1. Petrol is highly flammable take care not to cause a fire or explosion.
2. This breaker is designed for breaking up concrete, asphalt surfaces and brick walls. It can be used for compacting, and similar jobs using the appropriate tools.
3. The action of this breaker can cause injury or damage if the machine is not used in a careful and controlled way.
4. If you have not used this type of breaker before, familiarise yourself with the machine on some straight forward work before you start the main task.
5. Plan your work and think ahead to make sure you will always be working safely.
6. You must have at least the following items of personal protective equipment:
  - Goggles: Impact resistant EN166 – B or BS2092 grade 1;
  - Dust mask – a minimum of EN149 FFP3(s) protection;
  - Ear muffs or plugs giving protection for levels up to 105db(A);
  - Safety Boots to EN345 or BS1870 / 4972.
7. This machine must not be used by minors, or by anyone under the influence of drugs or alcohol.
8. This breaker 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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1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this machine. Particular jobs or environments or environments may require a higher level of protection.
  2. You must wear impact resistant goggles (EN166 – B or BS2092 grade 1) when you start work, and wear gloves to keep your hands when you are at work.
  3. If your breaker has a side handle you can use it up to shoulder height. If the breaker is heavy with handles on the top, you should only use it at ground level.
  4. Vibration from using this breaker can be hazardous. Warm your hands up before you start work. Wear gloves to keep your hands when you are at work.
  5. The tool bit will remain stationary while you are working with this machine.
- ### OPERATORS
1. Check your machine, engine, and tool bits. If anything is found damaged, do not use the breaker – contact the hire company.
  2. Always grip the breaker correctly with two hands while working.
  3. If your breaker has a side handle you can use it up to shoulder height. If the breaker is heavy with handles on the top, you should only use it at ground level.
  4. Vibration from using this breaker can be hazardous. Warm your hands up before you start work. Wear gloves to keep your hands when you are at work.
  5. The tool bit will remain stationary while you are working with this machine.
- ### BREAKER
1. No smoking.
  2. Use a fresh mixture of two stroke engine oil with petrol. If the hire company have given you special instruction on how much oil to use, follow them. Otherwise use 1 measure of two stroke oil to 25 measures of petrol (40ml per litre).
  3. Stop the engine and let it cool down.
  4. If possible move the machinery away from your work area.
  5. Clean the filter cap and the area around it to prevent dirt falling into the fuel tank.
  6. Shake the fuel can to mix the petrol and oil.
  7. Use a funnel when refuelling. Do not spill any fuel on yourself or the machine.
- ### REFUELLING
1. Stop the engine, before changing the tool bit.
  2. The tool shank should be clean and lightly oiled before insertion into the breaker.
  3. You must only use the correct type tool bits, as supplied by the hire company, for this breaker.
  4. Pull the starter grip out slowly until you can feel that the starter has engaged with the engine, and then pull it quickly and strongly. Don't pull it too far or it may break.
  5. Guide the cord back into place so that it recoils correctly.
  6. As soon as the engine has fired, squeeze and release the throttle to release the part throttle setting.
  7. Turn the choke off when the engine is running smoothly.
  8. If the tool bit is moving while the breaker is idling, do not use it. Return the breaker to the hire company.
- ### TOOL BITS
1. Set the engine controls correctly. The choke should be pulled out and the part throttle lock engaged.
  2. Place the breaker on its base, on the ground or on a sturdy bench. The tool bit must be clear of any obstruction.
  3. Hold the breaker firmly so it will not move when you pull the starter.
  4. Pull the starter grip out slowly until you can feel that the starter has engaged with the engine, and then pull it quickly and strongly. Don't pull it too far or it may break.
  5. Guide the cord back into place so that it recoils correctly.
  6. As soon as the engine has fired, squeeze and release the throttle to release the part throttle setting.
  7. Turn the choke off when the engine is running smoothly.
  8. If the tool bit is moving while the breaker is idling, do not use it. Return the breaker to the hire company.
- ### WHEN HOT
1. Follow the same procedure as for a cold start without using the choke or part throttle setting.
  2. Place the breaker on its base, on the ground or on a sturdy bench. The tool bit must be clear of any obstruction.
  3. Hold the breaker firmly so it will not move when you pull the starter.
  4. Pull the starter grip out slowly until you can feel that the starter has engaged with the engine, and then pull it quickly and strongly. Don't pull it too far or it may break.
  5. Guide the cord back into place so that it recoils correctly.
  6. As soon as the engine has fired, squeeze and release the throttle to release the part throttle setting.
  7. Turn the choke off when the engine is running smoothly.
  8. If the tool bit is moving while the breaker is idling, do not use it. Return the breaker to the hire company.
- ### STARTING THE BREAKER FROM COLD
1. Put all fuel caps back on properly and move your fuel can to a safe, cool place.
  2. Place the breaker on its base, on the ground or on a sturdy bench. The tool bit must be clear of any obstruction.
  3. Hold the breaker firmly so it will not move when you pull the starter.
  4. Pull the starter grip out slowly until you can feel that the starter has engaged with the engine, and then pull it quickly and strongly. Don't pull it too far or it may break.
  5. Guide the cord back into place so that it recoils correctly.
  6. As soon as the engine has fired, squeeze and release the throttle to release the part throttle setting.
  7. Turn the choke off when the engine is running smoothly.
  8. If the tool bit is moving while the breaker is idling, do not use it. Return the breaker to the hire company.
- ### Wipe any fuel off the machine. Dispose of fuel soaked cloth carefully.
1. Wipe any fuel off the machine. Dispose of fuel soaked cloth carefully.
  2. If you spill any fuel on the ground, wipe it up or cover it with soil.
  3. If you spill any fuel on your clothes, change them straight away.
  4. Put all fuel caps back on properly and move your fuel can to a safe, cool place.

## Before Starting Work...



### WORK AREA AND CONDITIONS

1. Do not use this breaker 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, debris and dust. Warn others to keep away, put barriers around your work area.
5. Check that there are no buried electric cables, gas, or water pipes where you are working.
6. Breaking brick and masonry makes a large amount of dust and debris – you should move, or cover any surfaces or objects that may be damaged, or difficult to clean.
7. If you are breaking through a wall, check the other side to ensure you will not cause injury or damage as you break through.

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