



## Using the Lawn Scarifier

1. Wear your protective equipment including ear defenders and good strong footwear.
2. Make sure the bag or box that catches the weeds and debris is fitted correctly.
3. Always hold the scarifier handle firmly with both hands while working.
4. Keep your hands and feet clear of the tines at all times.
5. Do not operate the scarifier on concrete or other hard surfaces. Injury or damage may occur.
6. Do not run the engine when moving over paving or hard ground, or when positioning the scarifier to start work.
7. Do not tilt the scarifier to expose the tines if they are still rotating – the tines can throw out small stones or other hard objects.
8. While working, keep a lookout for any stones or other objects in your path. Stop and clear them out of the way.
9. Stop the lawn scarifier if someone approaches you.
10. Stop the engine before making any adjustments other than scarification depth, or before leaving the machine unattended.
11. If the scarifier starts to labour and slow down, raise the scarification depth so you are removing less material. Make a second pass later, with a deeper setting.
12. If debris or rubbish become tangled in the tines, stop the engine before clearing the blockage or working on the scarifier.
13. Make sure that the machine does not become clogged with dust and debris. Stop the engine if you need to clean the scarifier.
14. Always stop the engine before leaving the scarifier unattended.
15. Clean the machine at the end of each day, and before you return it to the hire company.
16. If your scarifier has a folding handle, fold it after work, ready for storage or transport.
17. If your equipment does not work properly, do not attempt to repair it. Contact the hire company.

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

## Lawn Scarifier

**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 Lawn Scarifier**

1. Plan the use of the Lawn Scarifier so that it can always be used safely.
2. Petrol is highly flammable. Take care not to cause a fire or explosion.
3. This lawn scarifier is designed to remove moss, dead grass and weeds from your lawn.
4. The action of this scarifier can cause injury or damage if the machine is not used in a careful and controlled way.
5. Keep your hands and feet well away from the tines.
6. If you have not used a petrol driven lawn scarifier before, practice the least important area of your lawn until you are confident that you are not damaging the grass.
7. You must have at least the following items of personal protective equipment: ear muffs or plugs giving protection for levels up to 100dB(A); strong boots or shoes giving good foot protection; strong gloves for handling any rubbish in the grass.
8. This machine must not be used by minors, or by anyone under the influence of drugs or alcohol.
9. This lawn scarifier is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



## WORK AREA

1. Do not use this lawn scarifier where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. To reduce the risk of serious or fatal injury from breathing toxic fumes, do not run or test the engine indoors unless you have good ventilation.
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 from injury. Keep other people at least 10 metres (33 feet) away.
5. Do not use this scarifier on lawns where the grass is long. Long grass will be pulled out and could bind the tines.
6. Make sure the lawn you are about to rake is free of large stones, pieces of wood, lengths of wire, or anything else that may fly out or damage your machine. Wear your gloves to do this.

## OPERATORS

1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this scarifier. Particular jobs or environments may require a higher level of protection.
2. This equipment is likely to cause noise levels up to 100 dB(A) – wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
3. You must wear strong boots or shoes giving good foot protection.
4. You will need strong gloves to handle any rubbish or debris in the grass.

# Before Starting Work...



5. Anybody who is working near to you will also need to wear appropriate personal protective equipment.

## LAWN SCARIFIER

1. Check your scarifier, including engine, controls, guards and the tines. If anything is found damaged, do not use the lawn scarifier – contact the hire company.
2. If your scarifier has a tine depth setting, adjust it initially so that the tines do not dig too deep and damage your lawn.
3. If your scarifier has a folding handle, unfold it into the operating position, check that the locking handnuts are done up tight. If the handle is adjustable set it to the most comfortable height before locking the handnuts.
4. Always hold the lawn scarifier correctly with both hands when working.
5. Make sure you understand all of the controls. Before you start the scarifier, you must know how to control and stop it safely.

## REFUELLING

1. No smoking.
2. Stop the engine and let it cool down.
3. Move the machine away from your work area. Spilt petrol will kill grass.

4. Clean the filler cap and the area around it to prevent dirt falling into the fuel tank.
5. Use a funnel and clean petrol when refueling. Do not spill any fuel on yourself or the machine.
6. Wipe any fuel off the machine. Dispose of fuel soaked cloth carefully.
7. If you spill any fuel on the ground, wipe it up or cover it with soil.
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.

## STARTING THE ENGINE

1. This section describes the starting procedure for most lawn scarifiers. If the hire company has given you special instructions for your scarifier, follow them. Otherwise, follow the instructions given below.
2. Check that there is no obstruction, including long grass, under the scarifier.
3. Your engine may have a low oil warning system that will prevent the engine starting if the oil level is too low, or if the machine is on too great a slope. Check the oil level before you try to start the engine.

## STARTING FROM COLD

1. Open the fuel tap. If your machine has a choke, move it to the closed position.
2. Check that the throttle lever is in the START position.
3. If your scarifier has an ignition ON/OFF switch, turn it to ON.
4. Hold the machine firmly with your left hand, so that it will not move when you pull the starting cord.
5. With your right hand, pull out the starting cord 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 the cord may break.
6. Guide the cord back into place so that it recoils correctly.
7. If the engine did not start, check that there is sufficient petrol, and that the throttle lever is in the correct position. Pull the starting cord again.
8. In cold weather, you may need to let the engine warm up by gently opening the throttle, before starting work.

## STARTING FROM WARM

1. Set the choke lever to the fully open position and check that the fuel valve is open.
2. Follow the rest of the instructions from instruction 5 onwards, given in the section 'Starting from cold' above.

## STOPPING THE ENGINE

1. Turn the fuel tap off.
2. Close the throttle.
3. Switch the ignition switch to OFF.