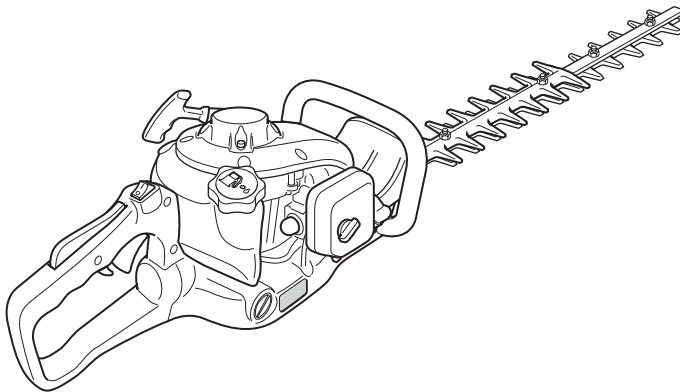




MAC
ALLISTER

24.5cc 550mm Petrol Hedge Trimmer



MHTP245-2

Barcode: 5052931057214

Let's get started...

These instructions are for your safety. Please read through them thoroughly before use and retain them for future reference.



Getting **started...** 03

Before you start	03
Quick start	07
Safety	10

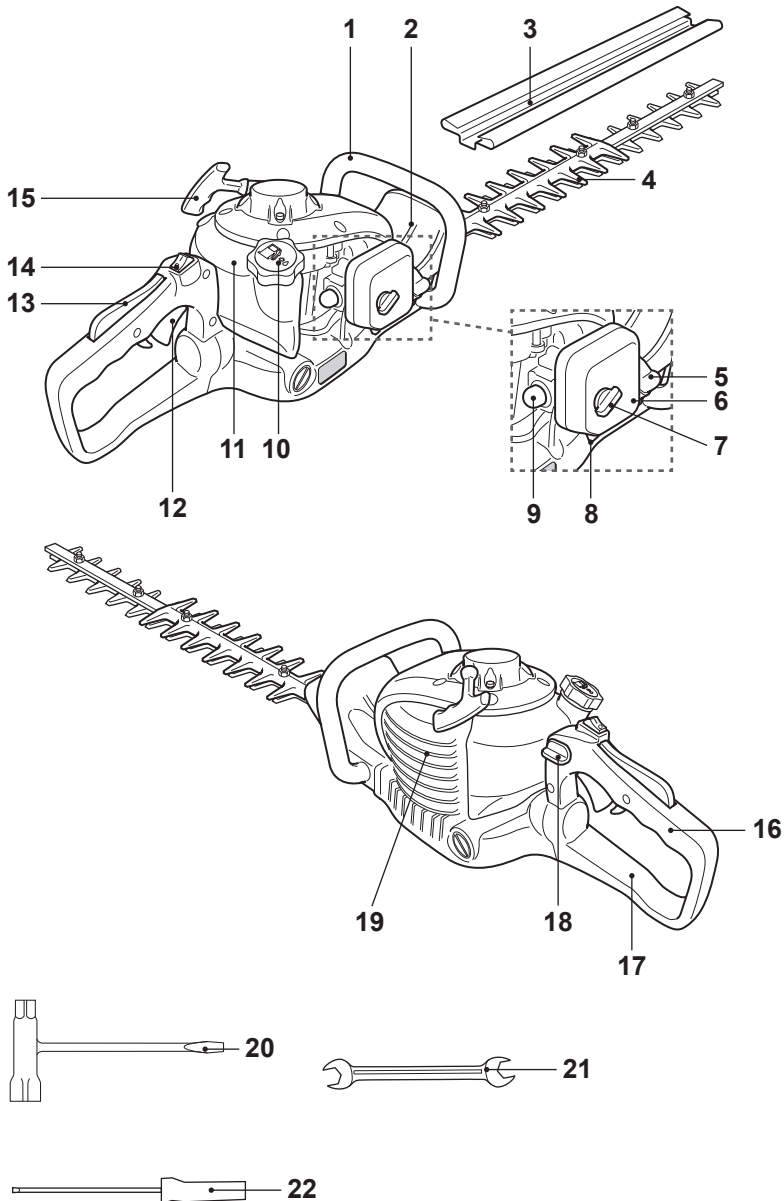


In more **detail...** 11

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Your product



Getting started...

Your product

- | | |
|---------------------------|---------------------------------------|
| 1. Front handle | 13. Throttle interlock |
| 2. Front safety guard | 14. Ignition switch (on/off) |
| 3. Blade cover | 15. Recoil starter handle |
| 4. Cutting device (blade) | 16. Rear handle |
| 5. Spark plug connector | 17. Rear safeguard |
| 6. Air filter cover | 18. Unlock button (handle adjustment) |
| 7. Fixing screw | 19. Air vents |
| 8. Choke lever | 20. Spark plug wrench |
| 9. Primer | 21. Wrench |
| 10. Fuel tank cap | 22. Screw driver |
| 11. Fuel tank | |
| 12. Throttle trigger | |

Unpack

- > Unpack all parts and lay them on a flat, stable surface.
- > Remove all packing materials and shipping devices if applicable.
- > Make sure the delivery contents are complete and free of any damage. If you find that parts are missing or show damage do not use the product but contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.
- > Ensure that you have all the accessories and tools needed for assembly and operation. This also includes proper personal protective equipment.
- > Disconnect the spark plug connector from the spark plug.

You will need

(items not supplied)

Fuel
Engine oil
Funnel
Soft cloth
Fuel mixing container

Fuel and engine oil



WARNING! This product is not supplied with fuel-oil mixture in the engine! Before operating this product it is essential to fill it with fuel!



This product is equipped with a 2-stroke engine, the fuel and oil tank are combined and it is essential to fill a fuel-oil mixture before operating this product. Observe the technical specifications for suitable fuel and engine oil.



WARNING! Fuel and oil are highly inflammable! Fumes will explode if lit! Ensure that there are no naked flames around the product! Do not smoke while filling fuel and oil!



- > Place the product on a stable, level surface. We recommend laying a non-flammable sheet under the product.
- > Mix a regular-grade unleaded petrol and a quality engine oil for air cooled 2 stroke engines in a suitable container (Fig. 1).
- > Use an anti-oxidant added quality oil expressly labelled for air-cooled 2 stroke engine use (JASO FC GRADE OIL or ISO EGC GRADE).
- > Do not use BIA or TWC (2 stroke water-cooling type) mixed oil.
- > The recommended mixing ratio for petrol:oil is 40:1.
- > Unscrew and remove the fuel tank cap (10).
- > Fill correctly mixed fuel/oil into the tank using a fuel funnel fitted with a filter to avoid debris entering the tank. Do not overfill. Leave a minimum 5 mm of space between the top of the fuel and the inside edge of the tank (11) to allow for expansion (Fig. 2).



NOTE: Never mix fuel and oil directly in the tank of the product.

Getting started...

Fuel and engine oil

- > Avoid spilling and overfilling the tank.
- > Wipe up spilled fuel with a soft cloth and refit the fuel tank cap (10).
- > Always dispose of fuel, used oil and soiled objects according to local regulations (see section "Recycling and disposal").

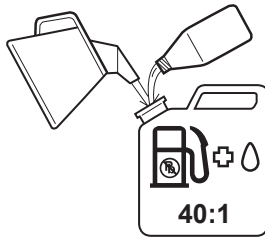


Fig. 1

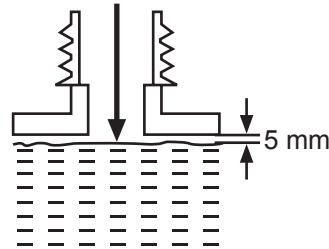


Fig. 2

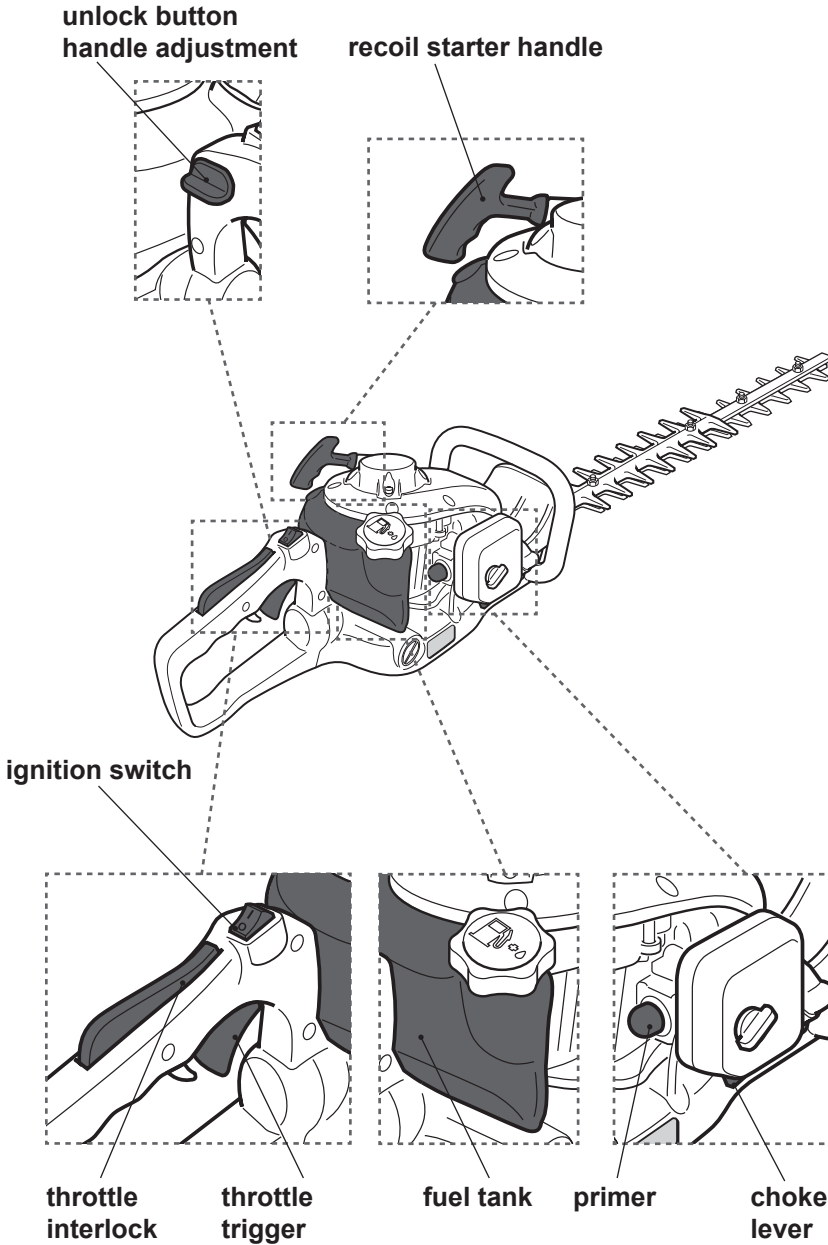


NOTE: Fuel and oil deteriorate over time. It may be difficult to start the engine if you use fuel which has been kept for more than 30 days.



Towards the end of the season, it is advisable to put only as much fuel in the tank as you need for each use, since it should be completely used up before storing the product. Empty remaining fuel from the tank when storing the product for over 30 days.

Operating controls



Getting started...

Set up



Adjust



Add fuel

Cold start



Set ignition switch to "I"



Close choke



Prime until fuel is visible



Pull recoil starter handle



Open choke



Operate

Warm start



Set ignition switch to "I"



Open choke



Pull recoil starter handle



Operate

Stopping



Release
trigger



Run idle



Set ignition
switch to "O"



Empty fuel
tank



Clean and
maintain



Store

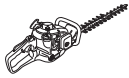


WARNING! This quick start provides only a short overview of how to start and stop the product! For safe use it is essential to read the entire instruction manual before first use!

Getting started...

Check that you have noted all the following instructions:

- Before starting you must have fully read and understood the entire instruction manual.
- Working with this product is demanding; therefore ensure you are physically and mentally fit to complete the job safely.
- Ensure that you have all the accessories and tools needed for assembly and operation.
- Make sure that you wear suitable personal protective equipment.
- Ensure that no unauthorised people, especially children, and pets are nearby or could enter the working area.
- Ensure that the product is free from damage and this it is not worn.
- Make sure that safety devices and accessories are correctly fixed.
- Double check that all assembly tools have been removed from the product before use.
- Undertake periodic structural checks of this product, do not use it if you have any doubts about its suitability for its intended purpose.



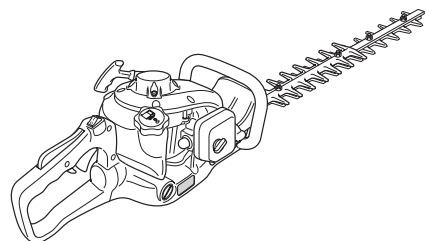
WARNING! For your own and the safety of other people you must read and follow the safety instructions in section "In more detail – Technical and legal information – Safety warnings".



In more detail...

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In more detail....



Intended use

This petrol hedge trimmer MHTP245-2 is designated with an engine displacement of 24.5 cm³. The product is intended for trimming hedges, bushes and shrubs. Observe the technical data for the maximum cutting capacity. Do not cut branches exceeding the stated maximum capacity.

This product is intended for private use only, not for any commercial applications. It may not be used for any purposes other than those described.

Handle adjustment

The handle can be adjusted $\pm 90^\circ$ to left and right side according to the required cut.

- > Press the unlock button (18) down and hold it in its lower position (Fig. 3).
- > Turn the rear handle (16) in desired direction to the end. Make sure the handle engages in position (Figs. 4 – 6).

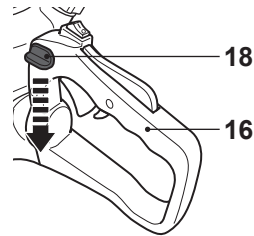


Fig. 3

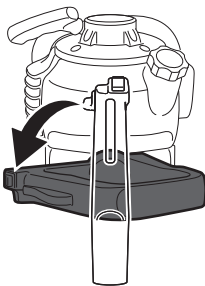


Fig. 4, left position

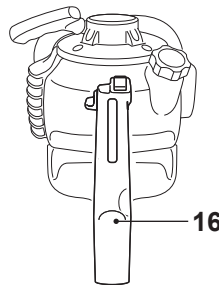


Fig. 5, initial position

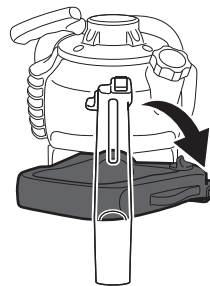


Fig. 6, right position



WARNING! Only adjust the handle position when the engine is switched off! Always ensure that the handle locks in one of the end positions, never use it at an intermediate position!

Handle controls

There are three controls at the handle (16) with the following functions.

- > The ignition switch (14) enables the manual starting or the stopping of the engine.
- > The throttle interlock (13) prevents unintentional activation of the throttle trigger until manually released.
- > Adjust the engine speed with the throttle trigger (12).

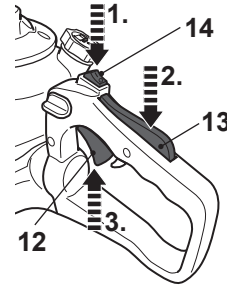



Fig. 7

Starting / Stopping

Starting

- > Place the product on a flat, stable surface. Ensure that the cutting device in use does not touch the ground or any objects.
- > Set the ignition switch (14) to its on position "I" (Fig. 8).
- > If the engine is cold, move the choke lever (8) to the "CLOSE" position  (Fig. 9) and depress the primer (9) 7 - 10 times until fuel is visible.

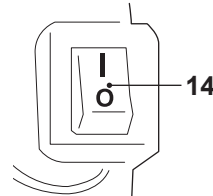


Fig. 8

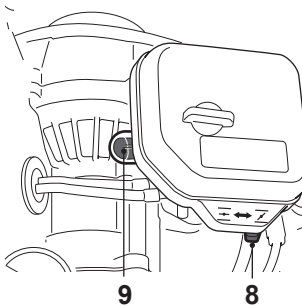


Fig. 9

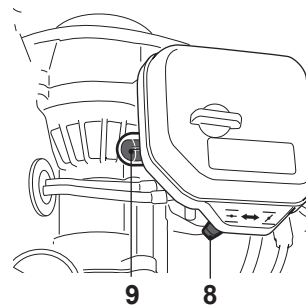



Fig. 10

Starting / Stopping

- > If the engine is warm, move the choke lever (8) to the "OPEN" position , do not press the primer (Fig. 10).
- > Hold the product stable and pull the recoil starter handle (15) firmly; repeat until the engine starts (Fig. 11).

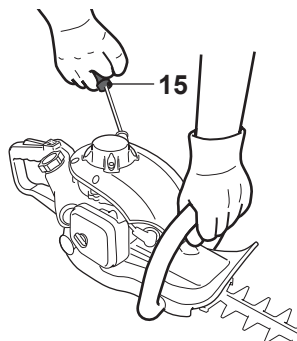



Fig. 11



WARNING! Make sure that the cutting device is not touching the ground or other objects when starting the product!

Allow the recoil starter rope to return slowly and controlled after each pull!

- > Allow the product to run at idle speed for 10 to 15 seconds to let it warm up; move the choke lever (8) to its "OPEN" position  once the engine is warm.
- > Once the engine is running correctly, carefully lift the product and securely hold it by its handles.



NOTE: During idle running the cutting device should not move. Contact a qualified technician if you find that the cutting device is moving.

Cutting

- > Press the throttle interlock (13), hold it in position and then press the throttle trigger (12) to engage the cutting device.
- > Release the throttle trigger (12) to stop the cutting device (4).

Stopping

- > Release the throttle trigger (12) and let the product run at its idle speed for 10 – 15 seconds.
- > Set the ignition switch (14) to its off position “O” (Fig. 12).

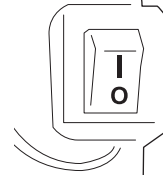


Fig. 12



WARNING! The cutting device will continue to move for some time after the engine has been switched off! Wait until cutting device has come to a complete stop before placing the product on the ground!

In more detail...

General behavior

- > Check the product as well as accessories for damage before each use. Do not use the product if it is damaged or shows wear.
- > Double check that accessories, safety guards and blades are properly fixed.
- > Always hold the product the product by its handles. Keep the handles dry to ensure safe support.
- > Ensure that the air vents are always unobstructed and clean. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product.
- > Switch the product off immediately if you are disturbed while working with it and when other people enter the working area. Always let the product come to complete stop before putting it down.
- > Do not overwork yourself. Take breaks on a regular basis to ensure you can concentrate on the work and have full control over the product.

Trimming times

green leaf hedges	June to October
evergreens	April and August
conifers and other fast growing shrubs	every 6 - 8 weeks

Cutting

- > Adjust the handle so that it fits the intended cut and start the product as described.
- > Cut and remove branches exceeding the cutting capacity of this product using a proper pruner before operation.
- > Move the cutting device lightly through the cutting surface in a sweeping motion following the shape of the hedge or shrub. A slight tilt downwards of the cutting device in the direction of motion is recommended for optimum cutting performance.
- > Do not to rush and do not attempt to cut too much with one stroke of the cutting device.
- > First cut both sides from the bottom cutting upwards to the top. This will prevent any of the cuttings falling into the path of the area still to be cut (Fig. 13).
- > After cutting the sides proceed to the top (Fig. 14).

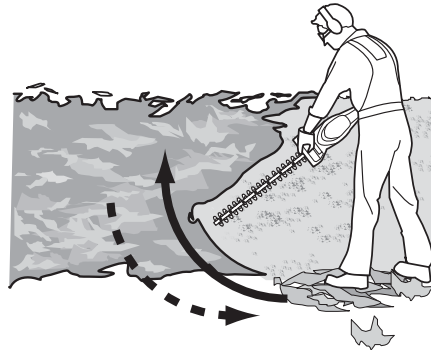


Fig. 13

i **NOTE:** Try to keep the cutting device angled at approximately 15° to the cutting surface.

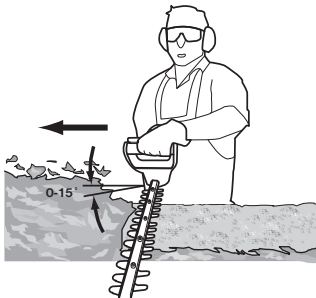


Fig. 14

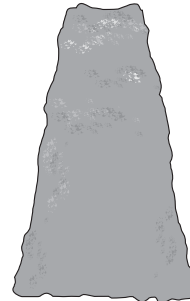


Fig. 15

In more detail...

Cutting

- > Cut in a number of stages if the area being cut is particularly long to achieve a better result; smaller cuttings will allow for easy composting.



NOTE: When shaping it is advisable to achieve a trapezoidal shape (Fig. 15). This is where the bottom is wider than the top. A trapezoidal cut corresponds to the natural growth of plants and results in optimal hedge growing, as it will expose more light to the lower end of the hedge.

After use

- > Switch the product off, allow the engine to cool down and then remove the spark plug connector.
- > Check, clean and store the product as described below.

The golden rules for care



WARNING! Always switch the product off, let the product cool down and disconnect the spark plug connector before performing inspection, maintenance and cleaning work!



- > Keep the product clean and free from debris after each use and before storage.
- > Regular and correct cleaning of this product will help ensure safe use and prolong the life of the product.
- > Inspect the product before each use for worn and damaged parts. Do not operate it if any parts are broken or show signs of wear.



WARNING! Only perform repairs and maintenance work according to these instructions! All further works must be performed by a qualified specialist!

General cleaning

- > Clean the product with a slightly damp cloth and mild soap. Use a brush for areas that are hard to reach.
- > Pay particular attention to the air vents (19) and to the cutting device.
- > Remove stubborn dirt with high pressure air (max. 3 bar).



NOTE: Do not use chemical, alkaline, abrasive or other aggressive detergents or disinfectants to clean this product as they might be harmful to its surfaces.

- > Check for worn or damaged parts. Replace worn parts as necessary or contact an authorised service centre before using the product again.

In more detail...

Cutting blade



WARNING! Wear safety gloves when working on the cutting device and close to it! Use appropriate tools to remove debris e.g. a brush or wooden stick! Never use your bare hands!

- > Keep the cutting blade (4) clean and free of debris. Remove trimmings.
- > Keep the cutting blade (4) sharp to retain a good cutting performance. Replace a worn or damaged cutting blade with a new one of the same type.
- > Lubricate the cutting blade (4) after each use to prolong the life span of cutting blade and product. Apply light machine oil along the edge of the cutting blade.
- > Tighten loose nuts on the cutting blade (4) with the wrench (21) with $5 \text{ Nm} \pm 1 \text{ Nm}$. to ensure safe operation of your product.

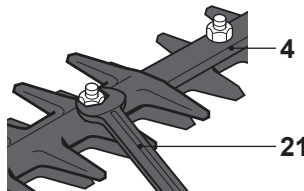


Fig. 16

Air filter

- > Inspect the air filter regularly. Replace it with a new one if necessary.
- > Open the air filter case by losing the fixing screw (7). Then remove the screw (7), cover (6) and take the filter out (Fig. 17).

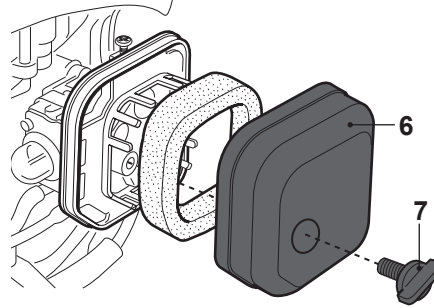


Fig. 17

- > Tap the filter on a stable surface to remove dust. Use compressed air (max. 3 bar) to remove stubborn dust.
- > Apply a small amount of air filter oil on the filter to increase the performance of the filter. Wring out surplus oil and put the filter into the case.
- > Put the air filter cover (6) back in place and fix it with the screw (7).

Fuel tank

- > Empty the fuel tank when storing the product over 30 days to prevent the fuel deteriorating.
- > Unscrew and remove the fuel tank cap (10) and use a proper fuel pump to empty the fuel into a suitable container.

Fuel filter

The fuel tank (11) of this product is fitted with a filter located at the free end of the fuel pipe. Ask an authorised service centre or similar qualified person to check and where necessary replace it at regular intervals.

Spark plug

- > Inspect the spark plug at least every 25 hours or prior to long-term storage over 30 days if the use has not been this high. Clean or replace with a new spark plug if necessary.
- > Unplug the spark plug connector (5) (Fig. 18).
- > Loosen the spark plug with the spark plug wrench (20) anticlockwise and carefully remove it (Fig. 19).

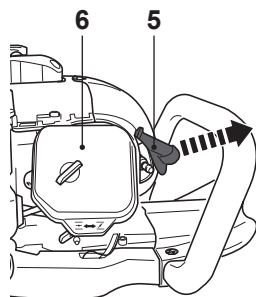


Fig. 18

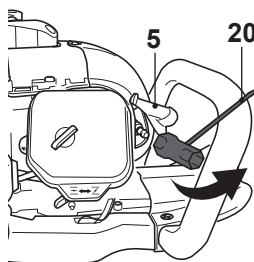


Fig. 19

- > Check the spark plug for damage and wear. The colour of the electrode should be light-brown coloured.
- > Remove debris from the electrode with a soft wired brush; avoid heavy cleaning of the electrode.
- > Dry the spark plug with a soft cloth if it is wet from fuel.
- > Check the spark plug gap; it should be 0.6 – 0.7mm (Fig. 20).
- > Replace with a new spark plug if either the electrode or the insulation is damaged.
- > When replacing the spark plug, first screw it in hand tight and then lightly tighten it with the spark plug wrench.

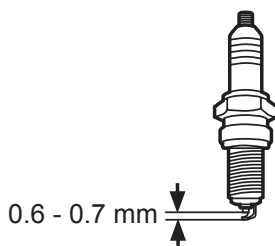


Fig. 20



WARNING! Do not over-tighten the spark plug to avoid any damage!

Idle speed adjustment screw



WARNING! Only adjust the idle speed yourself if you are trained and have experience!

- > Adjust the idle speed with the screw driver (22) at the idle speed adjustment screw (Fig. 21).

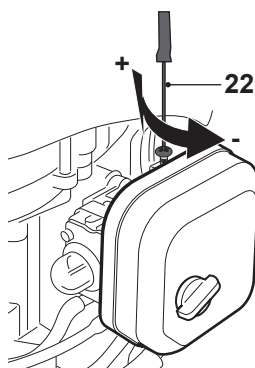


Fig. 21

Carburettor

The carburettor is pre-set by the manufacturer. Should it be necessary to make any changes please contact an authorised service centre or a similarly qualified person. Do not attempt to make any adjustments by yourself.

Repair

This product does not contain any parts that can be repaired by the consumer. Contact a qualified specialist to have it checked and repaired.

In more detail...

Maintenance table

Part	To do	Before/ after each use	10 hours	25 hours	50 hours / half year	100 hours / once a year
Spark plug	check			x		
Spark plug	clean			x		
Spark plug	replace	whenever necessary				
Air filter	check	x				
Air filter	clean		x			
Air filter	replace	whenever necessary				
Cutting device	check	x				
Cutting device	lubricate	x				
Cutting device	clean	x				
Cutting device	replace	whenever necessary				

In more detail...

Storage

- > Clean the product as described above.
- > Store the product and its accessories in a dark, dry, frost-free, well-ventilated place.
- > Always store the product in a place that is inaccessible to children. The ideal storage temperature is between 10 and 30°C.
- > We recommend using the original package for storage or covering the product with a proper cloth or enclosure to protect it against dust.

Transportation

- > Switch the product off and disconnect the spark plug connector before transporting it anywhere.
- > Attach transportation guards as described, if applicable.
- > Always carry the product on its handles.
- > Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
- > Secure the product to prevent it from slipping or falling over.

In more detail...

Trouble shooting

Suspected malfunctions are often due to causes that the user can fix themselves. Therefore check the product using this section. In most cases the problem can be solved quickly.



WARNING! Only perform the steps described within these instructions! All further inspection, maintenance and repair work must be performed by an authorised service centre or a similarly qualified person if you cannot solve the problem yourself!

Problem	Possible cause	Fault correction
1. Product does not start	1.1 Not enough fuel in fuel tank 1.2 Primer has been not pressed at cold start 1.3 Primer has been pressed at warm start 1.4 Spark plug is wet 1.5 Spark plug is damaged 1.6 Spark plug connector lose	1.1 Add fuel 1.2 Press the primer and restart 1.3 Dry spark plug 1.4 Dry spark plug 1.5 Replace spark plug 1.6 Attach properly
2. Engine stops	2.1 Not enough fuel in the tank 2.2 Cutting device is blocked	2.1 Add fuel 2.2 Remove blockage
3. Unsatisfactory cutting performance	3.1 Cutting blade is dull/damaged 3.2 Cutting material exceeds capacity	3.1 Have a specialist to sharpen or replace it 3.2 Only cut materials according to the capacity of the product
4. Excessive vibration/noise or exhaust	4.1 Cutting device is dull/damaged 4.2 Bolts/nuts are loosen 4.3 Petrol/oil is incorrect	4.1 Replace with a new one 4.2 Tighten bolts/nuts 4.3 Empty unused petrol/oil and refill with the correct petrol/oil

Recycling and disposal

- > Used products are potentially recyclable and therefore do not belong with household waste. We would like to request that you assist us and make a contribution to preserving resources and protecting the environmental and hand this product in at an equipped recycling centre (if there is one available).
- > Petrol, oil, used oil, mixtures of oil and petrol and objects contaminated with those, e.g. cleaning cloths; do not belong with household waste. Dispose of oil-contaminated items in accordance with the local guidelines and hand them in at recycling centres.
- > The product comes in a packaging that protects it against transportation damage. Keep hold of the packaging until you are sure that all the parts have been delivered and the product is functioning properly. Recycle the packaging afterwards.

In more detail...

Technical specifications

- > **Engine type** : 1E34F-2
- > **Engine displacement** : 24.5 cm³
- > **Engine speed at maximum power** : 8000 min⁻¹
- > **Recommended max. engine speed** : 9500 min⁻¹
- > **Engine idle speed** : 3300 min⁻¹
- > **Clutch engagement speed** : 4200 min⁻¹
- > **No load speed n_0** : 1550 min⁻¹
- > **Max. shaft break power, acc. ISO 8893** : 0.85 kW
- > **Fuel tank volume:** : 330 ml (cm³)
- > **Petrol type** : #93, unleaded petrol
- > **Engine oil type** : 2-cycle motor oil
- > **Mixture ratio petrol : oil** : 40 : 1
- > **Cutting capacity** :
 - **Length** : 550 mm
 - **Width** : 60 mm
- > **Cutting speed of blade** : 1900 min⁻¹
- > **Spark plug type** : NHSP LD L8RTF
- > **Spark plug gap** : 0.6 – 0.7 mm
- > **Net weight** : approx. 5.5 kg
- > **Size** : 114 x 50 x 24 cm
- > **Noise according to ISO 11201, EN ISO 3744 and 2000/14/EC**
 - **Sound pressure level L_{pA}** : 102.1 dB(A)
 - **Uncertainty K** : 3 dB(A)
 - **Sound power level L_{WA}** : 107.1 dB(A)
 - **Uncertainty K** : 3 dB(A)
 - **Guaranteed sound power level L_{WA}** : 110 dB(A)
- > **Hand arm vibration according to EN ISO 10517**
 - **Front handle a_h** : 2.55 m/s²
 - **Rear handle a_h** : 2.97 m/s²
 - **Uncertainty K** : 1.5 m/s²

Wear hearing protection, especially when sound pressure is over 80 dB(A).

The declared vibration value has been measured in accordance with a standard test method and may be used for comparing one product with another.

The declared vibration value may also be used to evaluate the exposure for the user caused by vibration in advance.



WARNING! Depending on the actual use of the product the vibration values can differ from the declared total! Adopt proper measures to protect yourself against vibration exposures. Take the whole work process including times the product is running under no load or switched off into consideration.

Proper measures include among others regular maintenance and care of the product and application tools, keeping hands warm, periodical breaks and proper planning of work processes.

Symbols

On the product, the rating label and within these instructions you will find among others the following symbols and abbreviations. Familiarise yourself with them to reduce hazards like personal injuries and damage to property.

kW	Kilowatt	kg	Kilogram
cm ³	Cubic centimetre	m/s ²	Metres per seconds squared
mm	Millimetre	dB(A)	Decibel (A-rated)
min ⁻¹	per minute	l	Litre
yyWxx	Manufacturing date code; year of manufacturing (20yy) and week of manufacturing (Wxx).		

In more detail...

Symbols



Caution / Warning.



Read the instruction manual.



Wear hearing protection.



Wear eye protection.



Wear respiratory protection.



Wear protective gloves.



Wear safety footwear.



Wear safety helmet!



Wear face protection!



Wear tight-fitted protective clothes.



Keep fingers away from moving cutting device!



Risk of fire / flammable materials



Hot surface, do not touch. The high temperatures on the product's surfaces and structural parts could cause burns if touched. The product can also remain hot for a long period of time after operation!



This product produces noxious exhaust fumes. If the product is not used properly, these fumes can lead to poisoning, a loss of consciousness or death!



Warning! Switch the product off and disconnect the spark plug connector before assembly, cleaning, adjustments, maintenance, storage and transportation.



Objects thrown by the product could hit the user or other bystanders. Always ensure that other people and pets remain at a safe distance from the product when it is in operation. In general, children must not come near the area where the product is.



Only use petrol/oil mixture with a ratio of 40:1. Do not use any other mixture ratio. Always switch the product off and let it cool down, before refuelling it.





Naked flames in the work area, around the product and in the vicinity of flammable materials are prohibited!



Do not smoke in the work area, around the product and in the vicinity of flammable materials!



Do not use in rain or wet conditions.



Press the unlock button down and turn the rear handle.



Guaranteed sound power level value in dB



The product complies with the applicable European directives and an evaluation method of conformity for these directives was done.

Safety warnings

- > This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety.
- > Children should be supervised to ensure that they do not play with the product.

Petrol powered hedge trimmer safety warnings



IMPORTANT
Read carefully before use
Keep for future reference



In more detail...

Safety warnings

Training

- > Become familiar with the owner's manual before attempting to operate the product.

Preparation

- > This product can cause serious injuries. Read the instructions carefully for the correct handling, preparation, maintenance, starting and stopping of the product. Become familiar with all controls and the proper use of the product.
- > Never allow children to use the product.
- > Beware of overhead power lines.
- > Avoid operating while people, especially children, are nearby.
- > Dress properly! Do not wear loose clothing or jewellery, which can be caught in moving parts. Use of sturdy gloves, non-skid footwear and safety glasses is recommended.
- > Use extra care when handling fuels. They are flammable and the vapours are explosive. The following points should be observed.
 - Use only an approved container.
 - Never remove the fuel cap or add fuel with the power source running. Allow engine and exhaust components to cool down before refuelling.
 - Do not smoke.
 - Never refuel indoors.
 - Never store the product or fuel container inside where there is an open flame, such as near a water heater.
 - If fuel is spilled, do not attempt to start the power source, but move the product away from the spillage before starting.
 - Always replace and securely tighten the fuel cap after refuelling.
 - If the fuel tank is drained, this should be done outdoors.
- > If the cutting mechanism strikes any foreign object or the product starts making any unusual noise or vibration, shut off the power source and allow the product to stop. Disconnect the spark plug wire from the spark plug and take the following steps:
 - inspect for damage;
 - check for, and tighten, any loose parts;
 - have any damaged parts replaced or repaired with parts having equivalent specifications.

- > Wear hearing protection!
- > Wear eye protection!
- > In an emergency switch the product off by immediately releasing the throttle trigger and setting the ignition switch to its off position "O".

Operation

- > Stop the engine before
 - cleaning or when clearing a blockage,
 - checking, carrying out maintenance or working on the product,
 - adjusting the working position of the cutting device,
 - leaving the product unattended.
- > Ensure that the product is correctly located in a designated working position before starting the engine.
- > While operating the product, always ensure that the operating position is safe and secure.
- > Do not operate the product with a damaged or excessively worn cutting device.
- > To reduce fire hazards, keep the engine and silencer free of debris, leaves and excessive lubricant.
- > Always ensure that all handles and guards are fitted when using the product. Never attempt to use an incomplete product or one fitted with an unauthorised modification.
- > Always use two hands to operate a product fitted with two handles.
- > Always be aware of your surroundings and stay alert for possible hazards of which you may not be aware due to the noise of the product.
- > Never carelessly touch the product, you can burn yourself. While the product is in operation or shortly thereafter, its parts such as the exhaust pipe, engine, and other surfaces are extremely hot! Pay attention to the markings on the product.
- > Make sure that the air intake of the combustion engine is clear. Keep the air intake free of dust, dirt particles, gases and fumes.
- > Make sure that air circulation is adequate and good. The product must be easily accessible from all sides.

In more detail...

Safety warnings

Maintenance and storage

- > When the product is stopped for servicing, inspection or storage, shut off the power source, disconnect the spark plug wire from the spark plug and make sure all moving parts have come to a stop. Allow the product to cool before making any inspections, adjustments, etc.
- > Store the product where the fuel vapour will not reach an open flame or spark. Always allow the product to cool down before storing.
- > When transporting or storing the product, always fit the cutting device transport guard.

Additional safety warnings

- > Keep all parts of the body away from the cutting blade. Do not remove cut material or hold material to be cut when blades are moving. Make sure the switch is off when clearing jammed material. A moment of inattention while operating the product may result in serious personal injury.
- > Carry the product by the handle with the cutting blade stopped. When transporting or storing the product always fit the cutting blade cover. Proper handling of the product will reduce possible personal injury from the cutting blade.
- > Hold the product by insulated gripping surfaces only, because the cutting blade may contact hidden wiring. Cutting blades contacting a "live" wire may make exposed metal parts of the product "live" and could give the operator an electric shock.
- > Keep hands and feet away from the cutting blade at all times and especially when switching on the engine.
- > Do not try to grasp or remove trimmings when the product is running. Only remove trimmings when the product is switched off and disconnected from the power supply.
- > Check the work area for foreign objects before operation, e.g. wire fences. Take care that the cutting blade does not come into contact with wire or other metal objects.
- > Never hold the product by the guard.
- > Always be sure of a safe and secure operating position, whilst using the product. Always be sure of your footing when using steps and when using your product. Never use the product standing on steps or a ladder. Do not work over shoulder height.

- > Always ensure the safety guard supplied is fitted before using the product. Never attempt to use an incomplete product or one fitted with an unauthorised modification.
- > Check cutting blade regularly for damage, and if damaged repair immediately.
- > Do not overload the product.
- > Check immediately if the product starts to vibrate abnormally. Excessive vibration can cause injury.
- > Stop the engine and switch the product off when the cutting blade is blocked. Unplug the spark plug connector and remove the blockage. Inspect the cutting blade for damage before using the product again.
- > Follow the maintenance and repair instructions for this product. Never carry out any modifications of the product. Never change the preset rotary speed or the engine and product settings. Information about maintenance and repair is provided in this instruction manual.

Fuel handling

- > Always disconnect the spark plug connector and let the product cool down, before refuelling it. Petrol is easily flammable. Never smoke when you are refuelling the product. Do not refuel the product, if there is an open fire in the vicinity!
- > Always use suitable aids such as funnels and filler necks. Do not spill any fuel on the product or its exhaust system. There is a risk of ignition. Remove spilled fuel carefully from all parts of the product. Any residue which may be present must have completely volatilised, before the product is put into operation!
- > Never use the product in environments where there is a risk of explosion. Exhaust gases and fuel fumes are noxious. Fuel fumes can ignite.
- > Never breathe in any fuel fumes, when you are refuelling the product. Never fill the tank in enclosed spaces, such as basements or sheds. There is a risk of poisoning and explosion!
- > Avoid skin contact with petrol.
- > Do not eat or drink, while you are refuelling the product. If you have swallowed petrol or oil, or if petrol or oil has got into your eyes, then seek the advice of a doctor immediately.
- > Close the tank lid immediately after filling the tank. Make sure that it is properly closed.
- > Never use the product without an air filter.

Safety warnings

Vibration and noise reduction

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment.

Take the following points into account to minimize the vibration and noise exposure risks:

- > Only use the product as intended by its design and these instructions.
- > Ensure that the product is in good condition and well maintained.
- > Use correct application tools for the product and ensure they in good condition.
- > Keep tight grip on the handles/grip surface.
- > Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
- > Plan your work schedule to spread any high vibration tool use across a number of days.

Emergency

Familiarise yourself with the use of this product by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.

- > **Always be alert when using this product, so that you can recognise and handle risks early.** Fast intervention can prevent serious injury and damage to property.
- > **Stop the engine and unplug the spark plug connector if there is any malfunction.** Have the product checked by a qualified specialist and repaired, if necessary, before you put it into operation again.
- > **In case of fire stop the engine and unplug the spark plug connector.** Take fire-extinguishing measures immediately if the product switch is no longer accessible.



WARNING! Never use water to extinguish a product on fire. Burning fuel must be extinguished with special extinguishing agents. We recommend that you keep a suitable fire extinguisher within reach in your work area!

Residual risks

Even if you are operating this product in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this product:

- > Health defects resulting from vibration emission if the product is being used over long periods of time or not adequately managed and properly maintained.
- > Injuries and damage to property due to broken accessories or the sudden impact of hidden objects during use.
- > Danger of injury and property damage caused by flying objects.



WARNING! This product produces an electromagnetic field during operation! This field may under some circumstances interfere with active or passive medical implants! To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their doctor and the medical implant manufacturer before operating this product!

In more detail...

Guarantee

- > This product has been manufactured to a high quality standard. It is guaranteed against faulty materials and workmanship for 24 months from purchase, please retain your till receipt as proof of purchase.
- > If the product is found to be defective within the relevant time period, we will either replace all defective parts or, at our discretion, replace the unit free of charge with the same item or items of a greater value and/or specification.
- > This guarantee does not cover defects caused by or resulting from:
 - misuse, abuse or neglect;
 - trade, professional or hire use;
 - repairs attempted by anyone other than our authorized repair centre (call 0845 300 2577) ;
 - damage caused by foreign objects, substances or accident.
- > In the unlikely event that this product does develop a fault please call helpline on 0845 300 2577.
- > This guarantee does not affect your statutory rights. B&Q plc. Chandlers Ford, Hants, SO53 3LE (Registered in England under no. 973387)

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SO53 3LE, United Kingdom

EC declaration of conformity



We
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Declare that the product
24.5cc Petrol Hedge Trimmer MHTP245-2
Complies with the essential health and safety requirements of the
following Directives:

EC Machinery Directive 2006/42/EC

The EMC Directive 2004/108/EC

The Outdoor Noise Directive 2000/14/EC&2005/88/EC

Standards and technical specifications referred to:

EN ISO 10517

EN ISO 14982

Measured Sound Power Level: 107.1 dB(A)

Guaranteed Sound Power Level: 110 dB(A)

The conformity assessment followed was according to Annex V of
the Directive

Notified body: Intertek Deutschland GmbH

Notified body identification number: 0905

Authorised Signatory

Name: Peter Brownhill
QA Product Development Manager

For and on behalf of B&Q plc

Date: 14/11/2011

All technical information is held at the address detailed above

B&Q PLC.
CHANDLERS FORD,
HANTS, SO53 3LE, UNITED KINGDOM
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In more detail...



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