

GMCC[®]

GLOBAL MACHINERY COMPANY

INSTRUCTION MANUAL

25cc

Petrol Line Trimmer



2 YEAR
REPLACEMENT
WARRANTY

30 DAY
SATISFACTION
GUARANTEE

• Melbourne • Perth • Auckland • Hong Kong • Shanghai
• Taipei • New York • Verona • London • Paris

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Full 2 Years Home Use Warranty

Whilst every effort is made to ensure your complete satisfaction with this tool, occasionally, due to the mass manufacturing techniques, a tool may not live up to our required level of performance and you may need the assistance of our service department.

This product is warranted for a 2-year period for home domestic use from the date of the original purchase. If found to be defective in materials or workmanship, the tool or the offending faulty component will be replaced free of charge with another of the same item. A small freight charge may apply.

The warranty replacement unit is only made available by returning the tool to the place of purchase with a confirmed register receipt. Proof of purchase is essential. We reserve the right to reject any claim where the purchase cannot be verified.

This warranty does not include damage or defects to the tool caused by or resulting from abuse, accidents, alterations or commercial or business use.

It also does not cover any bonus accessories unless the tool is a GMC Platinum Professional model.

Please ensure that you store your receipt in a safe place.

Conditions apply to the above warranty.

If you need direction of what constitutes a free of charge warranty claim, please review the guide given on the rear of the Receipt Holder. An indication is given as to the types of claim that are permissible, and those that are not.

Dear Customer

If you require any help with your product, whether it is a Warranty claim, spare part or user information, please phone our Help Line for an immediate response. Phone 1300 880 001 in Australia or 0800 445 721 in New Zealand.

Introduction

Your new GMC power tool will more than satisfy your expectations. It has been manufactured under stringent GMC Quality Standards to meet superior performance criteria.

You will find your new tool easy and safe to operate, and, with proper care, it will give you many years of dependable service.

CAUTION. Carefully read through this entire Instruction Manual before using your new GMC Power Tool. Take special care to heed the Cautions and Warnings.

Your GMC power tool has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this tool, making it easy to maintain and operate.

Environmental protection



Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.

Description of symbols

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.



N380

Conforms to relevant standards for electromagnetic compatibility.



Wear hearing protection.

Wear eye protection.

Wear breathing protection.



Wear safety footwear.



Wear safety gloves.



Warning.



Read these instructions for use carefully.

Choke control



Start position (choke open).



Run position (choke closed).



Use at a distance of at least 15m from other people.



Thrown objects and rotating line can cause severe injury. Do not operate the unit without the safety guard in place. Keep away from rotating cutter.



Sharp blade on the safety guard, do not touch the cut off knife.



Explosive material.



Extremely hot surface. Do not touch a hot muffler, gear box or cylinder, you may get burned. These parts get extremely hot from operation and remain hot for a short time after the unit is turned off.

Specifications

Engine:	25cc, 2 stroke
Speed:	7000-8500min ⁻¹
Cutting diameter (swathe):	400mm
Line thickness:	2mm
Spool type:	Bump feed, twin line
Fuel tank capacity:	600ml
Fuel type:	Unleaded
Fuel mixture:	Unleaded: oil (40:1)
Sound pressure values:	111 dB(A)
Equivalent spark plugs:	NGK BPMR7A CHAMPION CJ7Y
Net Weight:	5.3kg

Safety instructions

WARNING. Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term “power tool” in all of the warnings below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Save these instructions

Work area

- **Keep work area clean and well lit.** Cluttered and dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

Personal safety

- **Stay alert, watch what you are doing and use common sense when operating a power tool.** Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- **Use safety equipment.** Always wear eye protection. Safety equipment such as a dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Remove any adjusting key or wrench before turning the tool on.** A wrench or a key that is left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- **Dress properly.** Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities ensure that these are connected and properly used.** Use of these devices can reduce dust-related hazards.

Power tool use and care

- **Do not force the power tool.** Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

- **Turn tool off completely before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from intended could result in a hazardous situation.

Service

- **Have your power tool serviced by a qualified repair personnel using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

Additional safety rules for petrol line trimmers

- **Do not operate in a hazardous location.** Such areas include where there is a risk of explosion of petrol fumes, leaking gas or explosive dust.
- **Do not operate in a confined area.** Exhaust gases, smoke or fumes could reach dangerous concentrations.
- **Protect your tool.** This line trimmer is NOT WEATHERPROOF and should not be exposed to direct

sunlight, high ambient temperature and damp, wet or high humidity conditions.

- **Do not smoke while refuelling.** This is potentially dangerous as it may ignite the fuel and cause an explosion.
- **Take care not to spill fuel.** When refuelling the line trimmer ensure that the motor has been switched off. Prevent the spilling of fuel as this may also ignite with the hot motor. Never refuel whilst the engine running.
- **Be careful where you store the line trimmer.** Store the line trimmer in a dry area away from flammable liquids.
- **Keep your distance.** The line trimmer emits exhaust fumes. Ensure bystanders keep a safe distance.
- **Ensure you use oil-mix fuel.** Ensure that you mix 40 parts unleaded fuel to 1 part 2-stroke oil. If not, the engine will overheat and cause damage to your line trimmer.
- **Never fill fuel tank indoors.** Never fill fuel tank when engine is running or hot. Do not smoke when filling fuel tank.

Unpacking

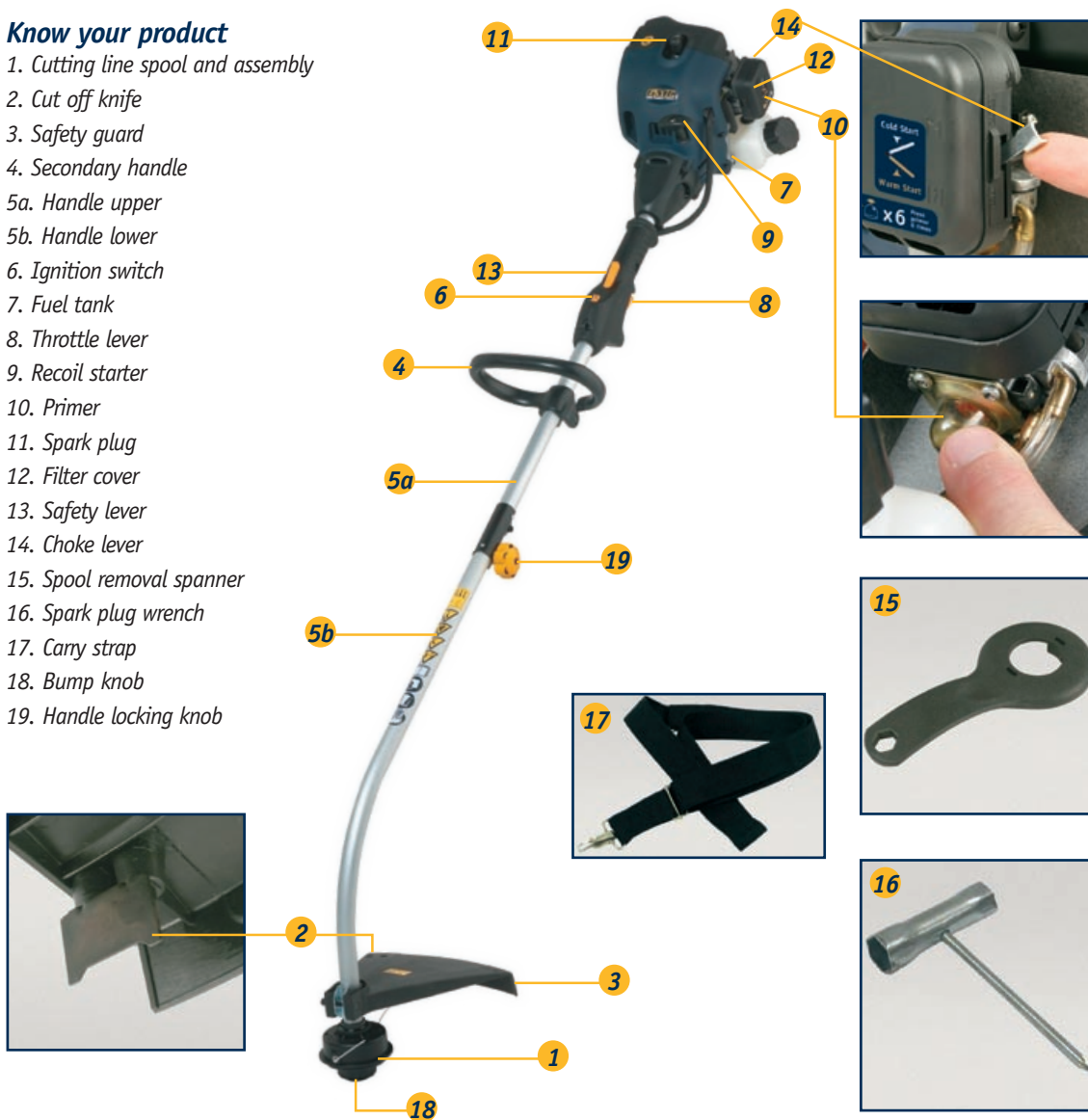
Due to modern mass production techniques, it is unlikely that your petrol line trimmer is faulty or that a part is missing. If you find anything wrong, do not operate the tool until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

Contents of carton

- Handle, upper and lower with attaching bolt and nut
- Secondary handle with attaching bolt and nut
- Safety guard with attaching bolt and wing nut
- Spool removal spanner
- Spark plug wrench
- Carry strap
- Instruction manual

Know your product

1. Cutting line spool and assembly
2. Cut off knife
3. Safety guard
4. Secondary handle
- 5a. Handle upper
- 5b. Handle lower
6. Ignition switch
7. Fuel tank
8. Throttle lever
9. Recoil starter
10. Primer
11. Spark plug
12. Filter cover
13. Safety lever
14. Choke lever
15. Spool removal spanner
16. Spark plug wrench
17. Carry strap
18. Bump knob
19. Handle locking knob

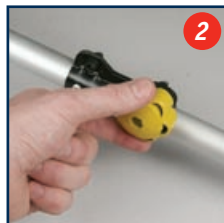


Assembly

It is necessary to fit the safety guard (3), join the handles (5a & 5b) and fit the secondary handle (4).

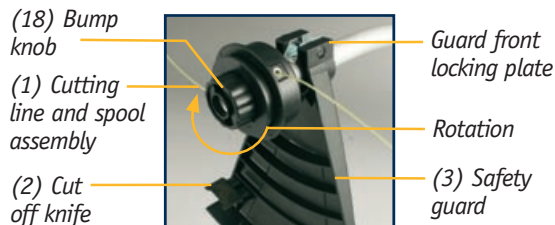
Joining the handles

1. Insert the lower section of the handle (5b) into the upper section (5a) lining up the hole in the upper handle with the pin in the lower handle.



2. Tighten the shaft locking knob to secure it in place.

Installing the safety guard



1. To fit the safety guard (3) you have to remove the cutting line and spool assembly (1).
2. Hold the spool assembly and use the spool removal spanner (15) provided to loosen the the bump knob.
3. Remove the bump knob, cutting line and spool assembly from the spindle.



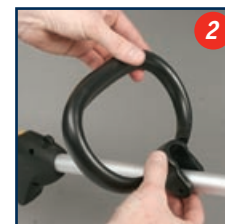
4. Push the safety guard (3) over the end of the shaft and align the holes in the front of the guard with the slots in the bracket on the shaft.



5. Insert the bolt and secure with the washer and nut provided.

Fitting the secondary handle

1. Loosen and remove the bolt and washer on the secondary handle.
2. Fit the secondary handle over the upper section of the handle and adjust it so it is the most comfortable position.
3. Tighten the secondary handle nut and bolt locking it firmly into place.

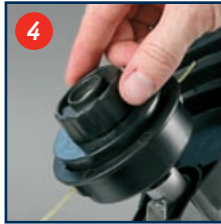


Fitting the cutting line and spool assembly

1. Ensure that the cutting lines are correctly threaded through the holes in the spool cover.
2. Push the spool and line assembly onto the spindle.



3. Make sure that the hexagonal recess on the spool is fully located on the hexagonal section on the spindle.
4. Secure the spool and line assembly by screwing the bump knob onto the end of the spindle.
5. Tighten the bump knob using the spanner provided.



Replacement of the cutting line

1. Stop the engine.
2. Put the petrol line trimmer on the floor in a way that cutting line and spool assembly (1) is facing up.
3. Open the cutting line and spool assembly (1) by using the spool removal spanner (15) twisting the bump knob anti-clockwise.
4. Pull the bump knob out of the spool head and remove the remaining cutting line.
5. Cut the new line, Ø2mm and 6 metres long in two equal lengths. Make a loop folded at each end of the two nylon threads (already cut) and insert into one of the slots provided in the centre of the spool and wrap the line firmly clockwise.
6. Introduce each end of the line to the eyelets in the spool holder. The line should stick out 150mm each side.
7. Screw the bump knob back on the shaft firmly.



CAUTION. After changing the line spool, run the petrol line trimmer under no load for at least a minute to make sure that the line and the tool are both operating correctly. Use only the line spool as recommended by the manufacturer.

WARNING. Never use steel threads and/or three teeth blade other than those provided by the manufacturer. Always use tools in perfect condition, free of damage.

WARNING. In high-speed rotation, parts could be projected at very high speed and could involve serious injury and damages to persons and property.

Fueling

MOTOR FUEL: MIX AT 40:1 ONLY

1. Use fresh unleaded petrol. You must use 2-stroke oil specifically made for heavily stressed two-stroke engines.
2. Mix the petrol and oil in an approved container. Never mix fuel directly in the line trimmer fuel tank.
3. Place the line trimmer upright on the ground or on a sturdy bench and wipe any debris from around the fuel cap.
4. Unscrew the fuel tank cap and pour the mixture into the tank with the aid of a funnel.



5. Be careful not to spill any mixture. If this happens, wipe the spill with a clean rag.
 6. Start the engine at least three metres away from the area where the fuel tank has been filled up in order to avoid any risk of fire.
- Always use extreme care when handling fuel! Fuel is highly flammable.
 - Never attempt to fuel the line trimmer if the fuel system components are damaged or are leaking.
 - Never attempt the refuel the engine while it is running or still warm, allow it to cool before fueling.

- Never smoke or light any fires near the line trimmer or fuels.
- Always transport and store fuels in an approved container.
- Never place flammable material close the the engine muffler.
- Never operate the line trimmer without a properly functioning muffler and spark plug cover installed.
- Never operate the line trimmer unless it is properly assembled and in good working condition.
- Do not use petrol which contains ethanol or methanol as it may damage the fuel lines and other engine parts.
- Mix only enough fuel for your immediate needs. Do not store pre mixed fuel.

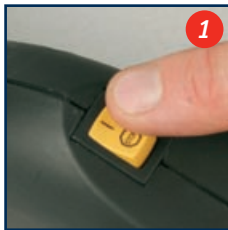
Starting the line trimmer

Choke control

↗ | Start position (choke open).

↓ | Run position (choke closed).

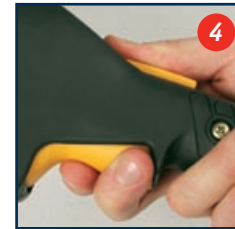
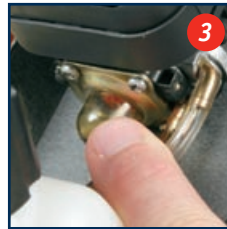
1. Move the ignition switch (6) to the 'on' position marked with a **I**.



2. Move the choke lever (14) upwards to the start position (cold start).

NOTE. This is not required if the engine is already warm.

3. Push the primer bulb 6 times, until the primer bulb fills with fuel/oil mixture.



4. Squeeze the safety lever (13) and the throttle trigger (8).

5. Pull the recoil starter until you hear the engine starting.

6. Allow the engine to run idle for around 10 seconds to let it warm up.

7. Push the choke lever approximately half way down and let go of the throttle trigger.



8. Once the engine is fully warm push the choke down fully to the run position (warm start).

8. To engage the cutting line squeeze the safety lever (13) and throttle trigger (8).

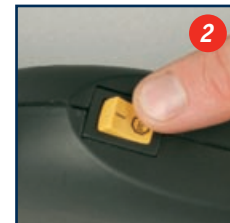
Stopping the line trimmer

WARNING. The spool and line will continue to rotate for a few seconds after the engine has stopped.

1. Release the throttle trigger (8) and allow the engine to idle for a few moments.

2. Move the ignition switch (6) to the off position marked STOP.

3. The engine will now stop.



Running in the engine

1. During the first ten hours of work, run the engine at a moderate RPM.
2. We advise you in any case not to maintain your engine at a high speed as the different components must settle with each other during the process of running in the engine.
3. It is at the end of the running in period that the engine will reach its maximum power.
4. After the first two hours of work, stop and make sure that all nuts and screws are securely fastened, and tighten them if necessary.

Use of the petrol line trimmer

This petrol line trimmer is only made to cut grass, small bushes, and shrubs.

- Always use the shoulder strap, when using the tool to avoid serious personal injury.
- Perform a few accelerations of the motor without reaching maximum speed and without working to make sure that everything is in good working order.
- Start the engine only when you are close to the working area.
- Place yourself in a well balanced position, stable on both feet.

Grass cutting

Cut the grass like you are in a corridor about 1.5m wide. Move step by step, moving the machine from left to right and vice-versa. Make sure at each step that you are still well balanced on your feet.

The line trimmer has a bump feed mechanism which releases line without having to stop the engine. To release additional line lightly tap the cutting line and spool assembly (1) on the ground while operating the unit at high speed.

NOTE. Always keep the trimming line fully extended. Line release becomes more difficult as the cutting line becomes shorter.

Each time the head is bumped it releases approximately 2cm of line. The cut off knife (2) on the blade guard will automatically cut off any excess line. For best results tap the head on hard soil or bare ground.

Do not hit stones (even small ones), piles of earth, and small pieces of wood or anything else that could be hidden or poorly visible in the grass. If you hit a large object by accident, or if you block the cutting tool due to overloading or having the cutter jammed with grass, you must stop the engine.

NOTE. All protective devices of the machine as well as protective equipment must be maintained in good operation condition during the period of use.

WARNING. The engine of the petrol line trimmer must be at a complete stop during assembling, repair and cleaning operations that could be necessary.

Petrol line trimmer transmit vibrations to the operator during use. These vibrations can generate increased fatigue. For this reason, we recommend taking regular breaks during work. We also recommend taking a break after a few hours of work to rest the engine. If abnormal noise or vibration occurs during operation, turn the line trimmer off immediately and have the problem corrected.

Maintenance

Air filter

Accumulated dust in the air filter will reduce engine efficiency. Increase fuel consumption and allow abrasive particles to pass into the engine. Remove the air filter as often as necessary to maintain a clean condition.

- Remove filter cover (12) by pressing in the sides and lifting it off.
- Light surface dust can readily be removed by tapping the filter.
- Heavy deposits should be washed out in suitable detergent.



- Squeeze out the remaining water and allow the filter to completely dry.
- Add a drop of thin oil to the filter and replace it.

Fuel Filter

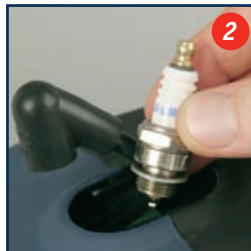
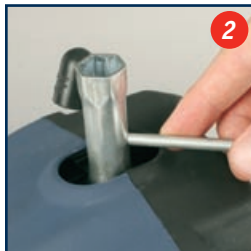
- Fuel tank (7) is fitted with a filter.
- Filter is situated at the free end of fuel pipe and can be picked out through fuel port with a piece of hooked wire or the like.
- Check the fuel filter periodically. Do not allow dust to enter the fuel tank. Clogged filter will cause difficulty when starting engine or abnormalities in engine performance.
- When the filter is dirty, replace the filter.
- When the inside of the fuel tank is dirty, it can be cleaned by rinsing the tank out with petrol.



Checking the spark plug

Check the spark plug every 10-15 hours of use.

1. Remove the spark plug cover.



2. Use the spark plug wrench to remove the spark plug, by turning it counter-clockwise.



3. Clean and adjust the spark plug gap to 0.6 - 0.7mm. Replace any damaged or visibly worn plug with a TORCH L8RTC or equivalent spark plug, as listed in the specifications table.
4. Install the spark plug finger tight in the cylinder head, then tighten it firmly with the spark plug wrench.

Servicing

- It is recommended once you first use your petrol line trimmer to get it serviced after 15 hours of use.
- From thereafter, service the petrol line trimmer every 2 years.

Storage and maintenance after use

- When you finish working, clean the petrol line trimmer completely, making sure there is no grass or dirt wrapped in the cutting tools, and put it back into its package in order to avoid its hurting you or other people during transport.
- Be aware to not hit or cut the fuel tank (7) while you put it onto the ground. Do not let the petrol line trimmer fall down to the floor or it may damage the machine.
- Store the petrol line trimmer away from direct sunlight.
- Do not store in a nylon bag as this can encourage the formation of mould.
- At the end of the season, give the petrol line trimmer an overall cleaning and a thorough check.
- Do not leave the petrol line trimmer resting on the floor for extended periods as it could cause the shape of the guard to alter, posing a safety risk. Hang it off the floor by the top handgrip.

Whenever the machine is not used for a long period of time, proceed as follows:

- Empty the fuel tank completely.
- Protect all metal engine parts from corrosion by coating them with oil.

- *Remove the spark plug, put a few drops of oil into the cylinder and then pull the recoil starter 2 to 3 times in order to distribute the oil evenly. Replace the spark plug.*

Problems

Power loss or sudden stopping of the engine

- *Check whether the fuel tank is empty.*
- *The mixture does not reach the carburettor. Clean the fuel filter in the fuel tank.*
- *There is water in the mixture. Drain and rinse all the fuel system.*
- *The air filter is dirty. Clean the air filter.*
- *There are carbon deposits in the cylinder exhaust pipe or the muffler. Clean those or change the muffler.*

Bad quality cut

- *Overloaded cutting due to too high grass or too thick for engine power.*
- *Wrapped vegetal material on the cutting tool.*

Carefully read the entire Instruction Manual before using this product.

**Before returning this product for a
Warranty Claim or any other reason
Please Call 1300 880 001 (Australia)
or 0800 445 721 (New Zealand)**

**When you make your call, please have
the following information at hand:**

- **GMC Product Type**
- **GMC Product Code**

A GMC Service Engineer will take your call and, in most cases, will be able to solve your problem over the phone.

You are welcome to use this phone-in service to make suggestions or give comments about any GMC product.

With continuing product development changes may have occurred which render the product received slightly different to that shown in this instruction manual. The manufacturer reserves the right to change specifications without notice. Note: Specifications may differ from country to country.



The GMC 777 Helpline operates from 7am to 7pm, 7 days a week (EST). This allows you to contact GMC directly with any queries and technical questions you have regarding our products.

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