

## Garden & LEISURE

INSTRUCTIONS FOR:

# SELF-PROPELLED LAWN MOWER 460mm 158cc B&S 500

MODEL No: **GL57** 

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.



IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

#### 1. SAFETY INSTRUCTIONS

#### 1.1. GENERAL SAFETY

- WARNING! The mower must only be serviced by an authorised agent (except for blade replacement).
- WARNING! Petrol is highly flammable and petrol vapour is explosive. DO NOT smoke, expose to naked flames, sparks or heat while re-fuelling. Comply with all laws regulating handling and storage.
- WARNING! DO NOT use in confined spaces, due to exhaust fumes.
- X DO NOT use this product to perform a task for which it has not been designed. Grassed lawns only.
- X DO NOT operate the mower barefoot or wearing open sandles, always wear substantial footwear and long trousers.
- X DO NOT carry the mower by the throttle cable or the recoil pull cord.
- **X DO NOT** start the mower with blades fully exposed.
- X DO NOT put your hands or feet under the cutter deck
- √ Familiarise yourself with the controls and limitations of the mower. This is a portable petrol powered appliance, read the separate engine manual, learn how to stop the engine quickly.
- Ensure the mower is in good order and condition before use. If in any doubt mechanically do not use the unit and contact a service agent.
- Maintain the mower in good condition and replace any damaged or worn parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate your warranty.
- Inspect the lawn prior to cutting, removing obstructions including molehills.
- √ Keep children and unauthorised persons away from the working area
- Wear safety glasses, ear defenders and in dusty conditions a face mask.
- ✓ Mow only in daylight or good artificial light.
- Avoid mowing when grass is wet, never when raining.
- Extra care is required when mowing slopes, be sure of your footing.
- ✓ Turn off the mower, wait for the blade to stop rotating to carry out any user tasks such as leaving unattended, clearing, cleaning, transporting, storing and inspecting.



#### 2. INTRODUCTION & SPECIFICATION

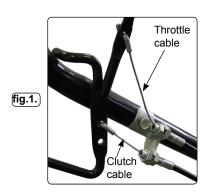
Self-propelled four wheeled lawn mower, powered by a low noise 158cc Briggs and Stratton 500 series engine. Pull-cord placed within close reach of the operator for easy starting. Emergency engine safety cut-out lever on an adjustable ergonomic soft grip handle which is easily folded for compact storage. Features a four-in-one system for collection, mulching and side or rear discharge. Heavy-duty steel deck giving rigidity and strength when in use along with 460mm (18") cutting width. Added versatility is given by a 6-position single lever central cut adjustment ranging from 25-75mm. Built for the professional with sturdy construction and a two year engine warranty.

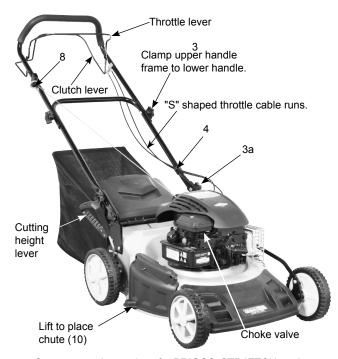
Model No:	GL57
Drive Type:	
Cutting Width:	
Cutting Deck Cover:	Mild Steel (painted)
Engine Type:	158cc Briggs & Stratton
Engine Cut-Out Lever:	Yes
Engine Warranty:	2 years
Fuel Tank Capacity:	0.8ltr
Fuel Type:	Unleaded 95 Ron
6 Cutting Heights:	
Grass Box Collection Capacity:	50ltr
Cutting Blades:	Mild Steel (painted)
Weight:	
Sound Power Level:	96dB
No Load Speed:	
Discharge:	Rear or side
Mulching:	Yes

#### 3. CONTENTS AND ASSEMBLY

ITEM	DESCRIPTION	QTY
1	Upper handle sub assembly	1
2	Lower handle frame c/w hex screws	1
3	Handle clamp c/w carriage bolt (long)	2
3a	Handle clamp c/w carriage bolt (short)	2
4	Cable clip	1
5	Cutter deck c/w motor, wheels and blade	1
6	Grass box	1
7	Recoil stop and cord guide	1
8	Recoil cord handle	1
9	Spark plug spanner (not shown)	1
10	Removable side chute (not shown)	1

3.1. Check that you have all the above details in the packaging. In the unlikely event of any missing or damaged parts, contact your Sealey Dealer immediately. Retain the packaging.





See separate instructions for BRIGGS&STRATTON engine

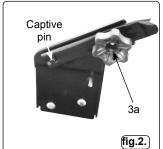
- 3.2 Assembly:- (tools required, 10, 13 and 14mm spanners)
- Offer the lower handle frame (item 2) into the preformed 3.2.1 channels of the cutter rear deck wing brackets see fig.2. The end hole of the frame fits over the captive pin in wing bracket, the clamp (item 3a) completes the connection in the top hole of wing bracket
- Fit the upper handle sub assembly (item 1) containing the safety throttle lever (item 11), safety clutch lever (item 12) and associated cables to the lower handle (item 2) paying special attention to the cable runs. Clamp the frame with (item 3) details, see mower photographs.
- Position the cable clip (item 4) approximately 100mm above 3.2.3 the deck wing bracket to form a smooth "S" shaped cable path from one side of the mower to the throttle linkage in the engine and the deck for the clutch cable. See both mower photographs
- 3.2.4 {IF NOT FITTED} Pass the cord handle (item 8) through the hole formed in the recoil stop (item 7).
- 3.2.5 Fit the recoil stop (item 7) to the upper handle (item 1) with the supplied nuts using a 10mm spanner, see fig.3.
- Attach grass box if required (item 6) with the grass box 3.2.6 hooks. Lift the spring loaded hinged panel and hook over hinged panel spindle, see fig.4.

#### 3.3 Blade fitting:-

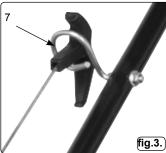
- 3.3.1 Decide on the grass cutting length required, a choice of 6 are available, from 25mm to 75mm approximate grass length settings. In fig.5 a lever adjusts mower cutting height. Pull the lever pin from the notch and sweep lever to desired height notch.
- 3.3.2 To remove the blade, hold the blade with a gloved hand and undo the centre bolt with a 14mm spanner, see fig.6.
- Refit or change the blade by the opposite approach and 333 tighten the centre bolt (30Nm).

NOTE: The blade must be fitted observing the stamped arrow, fig.6. The retaining bolt has a standard RH thread.

■ WARNING! Never use blades other than the spares supplied by your Sealey Dealer.



Attaching lower handle to deck rear wing brackets.



Recoil stop and cord guide.



Lift stone guard hinged panel to fit grass box.



Adjust cutter height

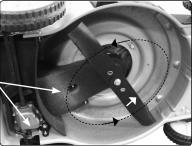
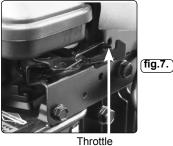


fig.6.

Direction of rotation arrow visible on blade.



position [1]



fig.8.

Throttle position [2]

Rear wheel

blade shaft to

drive from

clutch.

#### 4. OPERATION

**NOTE:** This appliance 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 the use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

- WARNING: DANGER! Refuel engine using a funnel and outdoors only. If fuel is spilled, move the mower away avoiding creating any source of ignition until the fuel is evaporated and dispersed. Never remove the fuel cap or add fuel while the engine is running or engine is hot. Replace fuel caps immediately and securely.
- X DO NOT operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
- X DO NOT run with mower.
- X DO NOT mow slopes greater than 20°.
- X DO NOT adjust any settings, links, cables etc..
- **X DO NOT** Pick up the mower with engine running.
- The operator or user is responsible for accidents or hazards occurring to other people or their property.
- 4.1 With the instructions to this stage read, the mower assembled, assembly integrity inspected, cutter height set, fuel tank filled and oil level checked the engine is ready to be started. For engine running see separate instructions.
- **4.2** Turn throttle choke to position [1], see fig.7. To acquire a higher speed turn to position [2] see fig.7. Tip: to avoid flooding allow the engine to warm up before turning to position [2].
- 4.3 The mower engine will only start with the throttle safety lever gripped against the upper handle frame with one hand, leaving the other hand free to pull the recoil cord handle (item 8). The mower cutter face must be down on a flat surface with no obstacles, stone guard down or grassbox fitted. Prime fuel with 3 pumps see fig.8. See the engine manufacturers' manual for pull cord starting.
- 4.4 With the motor running at full speed mowing the lawn can proceed totally unassisted. Alternatively forward motion power assistance is available in the following text.
- 4.5 Be sure of your footing. Maintain grip on the throttle lever and with the other hand ease the clutch lever slowly toward the soft grip handle. Grip both levers with one hand or both and walk with the speed of the mower. Release grip on clutch lever to stop forward motion assistance.
- 4.6 Release grip on throttle lever to stop the motor. The blade will rotate for a few seconds after the motor has stopped.
- 4.7 If leaving unattended, disconnect spark plug lead. If finished using, disconnect the spark plug lead and go to section 5, maintenance and cleaning.

#### 5. MAINTENANCE

- WARNING If fuel remains in the tank, tilting of the mower may cause fuel leaks. Avoid fuel leaks on plastic and rubber parts.
- **5.1** Ensure all fixings are tight and secure.
- **5.2** Replace any damaged or worn parts immediately.
- 5.3 Check blade during and after each use, see section3.3.2. for removal. Blade symmetry is essential for balance.
- 5.4 Check the cable clip and cable run, especially the throttle cable for fraying.
- **5.5** Check the pull cord for wear and retaining handle knot integrity.
- **5.6** Check the stone guard and grass box for integrity.
- 5.7 There are no customer serviceable parts other than the blades and frame fixings, use qualified service personnel for all other aspects of maintenance.
- 5.8 If the fuel tank has to be drained, this should be done outside and the engine should be cool.
- 5.9 Cleaning
- WARNING If fuel remains in the tank, tilting of the mower may cause fuel leaks.
- 5.9.1 After each use, clear accumulated grass cuttings from inside cutter deck. **DO NOT** allow the grass to dry on the mower.
- 5.9.2 Clear any accumulated grass cuttings from the area of the engine, with caution around finely balanced springs and linkages.
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- 5.9.4 Clean any grass cuttings from the wheels and bell crank axles.
- 5.9.5 Clean the mower externally before storing with special attention to grass box woven mesh, which could affect airflow and grass collection rate.

**Note!** Inside cutter deck will lose the protection of the paint finish over time. Use a rust resistant paint to repair.

#### 6. WARNING SYMBOLS

The mower should be used with due care. Symbols placed strategically on various parts of the machine reminds the user of the main precautions to be taken at point of operation. Symbols and meanings are listed below. These meanings also add emphasis to the safety regulations and safety information given in earlier sections of these instructions. Some warnings in the instructions may appear more than once.



Read the operating manual before using.



Wear eye protection.



Keep others away at least 10 metres.



Caution, blade will continue to rotate after the motor has been switched off.



Do not leave device in the rain. Do not work in the rain



Warning! Danger!



Keep others away from the danger area.



Caution, rotating blade. Keep feet and hands away.

#### **TROUBLESHOOTING**

FAULT	POSSIBLE CAUSE	CORRECTIVE ACTION
Engine does not start.	Throttle settings Empty fuel tank Spark plug gap is incorrect Spark plug loose or defective HT lead loose or disconnected Carburetor is flooded with fuel  Air filter element is clogged Faulty ignition module	Contact Authorised Service Agent Refill with grade 95RON non leaded petrol Gap required to be 0.7mm to 0.8mm Remove plug, clean, refit or replace (torque 20Nm) Check HT lead connected correctly Remove air filter element and pull recoil cord continuously until the carburetor clears. Replace filter. Fit new filter element. Contact Authorised Service Agent
Engine difficult to start or runs erratically, loses power, poor idling	Contaminated fuel Vent hole blocked in filler cap Air filter element clogged Defective spark plug or gap is incorrect Air way slots in motor shroud are blocked, cooling fins and air passages under engine blower housing are blocked.	Drain fuel tank and clean. Refill with fresh fuel. Clean and refit. Fit new filter element. Remove plug, set gap refit or fit new plug (torque 20Nm) Remove debris from associated parts and improve cleaning regime.
Engine skips at full speed	Spark plug gap too close	Gap required to be 0.7mm to 0.8mm.
Engine overheats	Cooling air flow is restricted Incorrect spark plug fitted	Remove debris from all cooling air flow passages and improve cleaning and maintenance regime. Fit new correct spark plug with correct gap.
Mower vibrates abnormally	Blade fixing has worked loose  Blade is damaged affecting symmetry	Stop engine immediately. Tighten blade, tightening torque approximately 30Nm. Repair to have equal form and weight about the centre bolt or replace with a genuine spare part.
Poor grass collection	Blade condition  Grass box full Airflow interrupted  Engine not running at full speed with no load	If damaged repair or replace. <b>Note!</b> Maintenance of the blade is best done by a specialist with the appropriate tools. Wear tough gloves when removing or fitting.  Empty grassbox.  Clear accumulated grass from all areas including cutter deck and engine vent slots.  This can only be checked/repaired by qualified personnel, contact Authorised Service Agent.
	SEE ALSO ENGINE MANUFACTURERS MANUAL	



#### **Environmental Protection.**

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycle centre and disposed of in a manner which is compatible with the environment.



### WEEE Regulations.

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment. When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to www.sealey.co.uk, email sales@sealey.co.uk or telephone 01284 757500.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice. IMPORTANT: No liability is accepted for incorrect use of this product.

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