

LawnMaster®

Dual-Drive Reel Mowers Owner's Manual

FOR MODELS 400 n 500 n 660 n 660S n 500 GOLF

www.steelfort.co.nz



Contents

Before using your new Reel Mower read the Owner's Manual carefully until you completely understand and can follow all warnings and safety instructions before commissioning and operating your mower.

For Your Records

The following information should be recorded as a reference should you wish to contact your Service Agent

MODEL

SERIAL No.

PURCHASE DATE

PURCHASE PRICE

OWNER'S NAME

RETAILER'S NAME

ADDRESS

Key to Mower Symbols



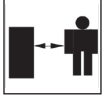
Warning



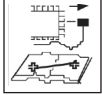
Read instructions before starting operations



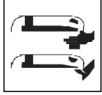
Be careful of object(s) thrown from the mower



Keep other people away from the danger zone



Disconnect spark plug before maintenance



Danger – Keep hands and feet away from cutting blades



Be careful of hot surfaces



Danger – Do not touch hot surfaces

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Introduction

The Dual-Drive Reel Mower is a precision built machine, designed for high quality 'lawn cut' and long service life. The way in which the mower is operated and maintained will have a profound effect on its performance and reliability.

This manual contains advice on the safe operation of your Dual-Drive Reel Mower, which is offered for the guidance and protection of all those who operate and service it. In the pursuit of continuous development and product improvement, the manufacturer reserves the right to alter specifications without notice.

Compliance

The Dual Drive Reel mowers have been tested for Noise Emission in accordance with Annex H of UNI EN 836:2003

TEST RESULTS

400 B 2.4	95 db(A)
500 B 2.4	96 db(A)
500Golf B 4.0	97db(A)
660 B 4.0	97 db(A)
500 H 5.5	96 db(A)
500 Golf H 5.5	97db(A)
660 H 5.5	97 db(A)

The Dual Drive Reel mowers have been tested for Vibration values in accordance with EN 1033:1995

TEST RESULTS

400 B 2.4	ahw,x = 3.12 m/s ² ahw,y = 3.73 m/s ² ahw,z = 3.74 m/s ²
500 B 2.4	ahw,x = 4.04 m/s ² ahw,y = 1.52 m/s ² ahw,z = 2.17 m/s ²
500 Golf B 4.0	ahw,x = 3.93 m/s ² ahw,y = 0.61 m/s ² ahw,z = 2.25 m/s ²
660 B 4.0	ahw,x = 5.25 m/s ² ahw,y = 1.19 m/s ² ahw,z = 2.34 m/s ²
500 H 5.5	ahw,x = 5.52 m/s ² ahw,y = 1.80 m/s ² ahw,z = 3.49 m/s ²
500 Golf H 5.5	ahw,x = 5.76 m/s ² ahw,y = 1.98 m/s ² ahw,z = 2.15 m/s ²
660 H 5.5	ahw,x = 7.31 m/s ² ahw,y = 1.21 m/s ² ahw,z = 2.48 m/s ²



Precautions must be taken to avoid injury to the operator, or any bystander...or damage to your mower

This sign is used to indicate important information for your safety and to prevent damage.



Read this manual before using the lawnmower. It is essential that operators study it for their own and others' safety

- 1 Read the instructions carefully. Be familiar with the controls and use of the equipment.
- 2 Know how to stop the lawnmower and disengage the controls quickly in an emergency.
- 3 The operator or user is responsible for accidents or hazards occurring to other people or property.

Safety

- 4 Never allow children or people unfamiliar with these instructions to use the lawnmower.
- 5 Never operate the lawnmower while people or animals are nearby.
- 6 While mowing, always wear substantial footwear and long trousers. Do not operate the lawnmower when barefoot or wearing open sandals.
- 7 Never operate the lawnmower with defective guards, shields or without safety protection devices in place and in good working order.
- 8 Do not operate the lawnmower in a confined space where dangerous carbon monoxide fumes can collect.
- 9 Never cut grass while walking backwards.
- 10 Always wear suitable eye & ear protection when operating the lawnmower.
- 11 Mow only in daylight hours or in good artificial light.
- 12 Never lift or carry the lawnmower while the engine is running.
- 13 Keep hands and feet well clear of rotating blades and components.
- 14 Always stop the engine when you leave the lawnmower unattended and when crossing roads, pathways or gravel drives.

Safety Instructions

Preparation

- 15 Thoroughly inspect the area where the lawnmower is to be used and remove all stones, sticks, wires, bones and any other foreign objects.
- 16 When mowing on slopes, only mow across the face, never up and down. Exercise extreme caution when changing direction. Do not attempt to mow excessively steep gradients. A 15° incline is the maximum recommended.

Operation

- 17 General
 - Check that the lawnmower is in good working order before using.
 - Do not adjust throttle or governor settings, as this will have a detrimental effect on the mowers cutting ability and ultimately shorten the lawnmower's working life.
- 18 Lawnmower Body
 - Visually inspect to see that the cutting blade(s), blade bolts and cutting disc are not worn or damaged.
 - Regularly check that all nuts, bolts, linkages and connections are tight and secure.
 - Repair or replace excessively worn or damaged components with genuine LawnMaster Dual-Drive Spare Parts only.
- 19 Fuel
 - Add fuel before you start mowing.
 - Refuel and lubricate outdoors only.
 - Only remove the fuel cap or add fuel while the engine is stopped.
 - Thoroughly clean any fuel spillages before starting the engine.
 - After refuelling or topping up with engine oil, ensure that the filler caps are replaced securely.
 - Store fuel in a cool place away from direct sunlight in a suitable container.
- 20 Engine, Drive & Blade

Stop the engine and disconnect the spark plug before attempting to:

 - Clean the mower.
 - Un-block the cutting mechanisms.
 - Carry out maintenance or repairs.
 - Inspect the mower if abnormal vibrations occur or after striking a foreign object.
 - Replace worn or faulty silencers.
 - Disengage the drive to the cutting reel when transporting or not in use.

Commissioning the Mower

Open the carton and remove the lawnmower and its accessories...and you will find:

- 1 x Dual-Drive Reel Mower.
- 1 x Grass catcher.
- 1 x Owner's manual.
- 1 x Engine Manufacturer's Owner's manual.

Take precautions when doing this to ensure that you do not put undue stress on your back when lifting from the carton. It is recommended that two people lift out the mower to prevent injury or use a suitable hoist, if available.

Engine information

Refer to the separate Engine Manufacturer's Owners' Manual (supplied with every reel mower) that accompanies this booklet and carry out all of the safety checks before proceeding with the commissioning of the mower.



Engines fitted to reel mowers are shipped without oil. Check the Engine Manufacturer's manual for oil grade details.

Before you use your lawnmower, every four stroke will require approximately 600 ml of engine oil in the sump. With the lawnmower in a level position,

- 1 Remove the filler cap/oil dipstick.
- 2 Wipe the dipstick clean.
- 3 Fill to the full mark, pouring slowly - DO NOT OVERFILL. Then screw the filler cap/oil dipstick securely back into place.

Note that if the engine is overfilled, it will smoke excessively or appear to be seized.



Petrol vapour is highly flammable. Handle with extreme care. Store in approved containers.

Your engine will run best on fresh, clean unleaded petrol (91 octane). Use of unleaded fuel results in fewer combustion deposits, burns cleaner and gives longer valve life.

Do not over-fill the petrol tank to allow for fuel expansion. It is recommended that approximately 5mm to 10mm of tank space is left for this.

When handling fuel:

- Do not fill tank when the engine is running.
- Do not smoke or expose naked flame.
- Do fill the tank in open, well-ventilated area.
- Do wipe away any spills.
- Do move the mower away from any petrol fumes before starting the engine.

Operating



Never start or run the engine indoors or in poorly ventilated areas. Engine exhaust contains carbon monoxide gas which can be fatal. Keep hands, feet and clothing away from moving parts.

Before operating the mower it is essential that...

- 1 The operator reads and understands this manual.
- 2 The daily maintenance checks have been properly carried out and the mower is in good working order.
- 3 The operator should wear safety clothing and eye protection. Failure to do so could result in damage and risk to health and safety.

Operator Presence Control (OPC)

Drive to the cutting cylinder is only possible when the operator actuates the Reel clutch lever. If the operator releases the lever, the drive to the cutting cylinder is disengaged.

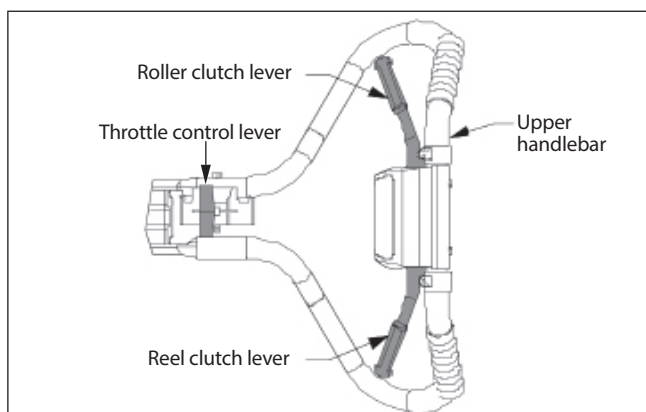
IDENTIFICATION OF CONTROLS

Throttle control lever

The Throttle control lever is located at the top of the central handle tube. To start a cold engine fitted with a choke system, push the Throttle control lever forward and move the Choke lever situated on the carburettor to fully on position. After starting, slowly move the choke lever to the run position. DO NOT use the choke when starting a warm engine. Note the engine speed dictates the speed and operation of both travel and cutting reel.

Reel clutch lever

The Reel clutch lever is located on the left hand side of the upper handlebar. Squeeze the lever toward the handlebar to engage the drive to the cutting cylinder. Release the lever to disengage the drive to the cutting cylinder.



Roller clutch lever

The Roller clutch lever is located on the right hand side of the Upper handlebar. Drive to the rear roller is engaged when the lever is squeezed towards the Upper handlebar. Releasing the lever disengages the drive to the rear roller. When the reel and rear roller clutch levers are squeezed both levers are interlocked in position. The levers remain engaged if any one of the levers is held squeezed. This enables one hand operation of the mower. Both drives are disengaged with the release of the levers.

Recoil start handle

Refer to the Engine Manufacturer's Owners' manual for details.

Handlebar adjustment

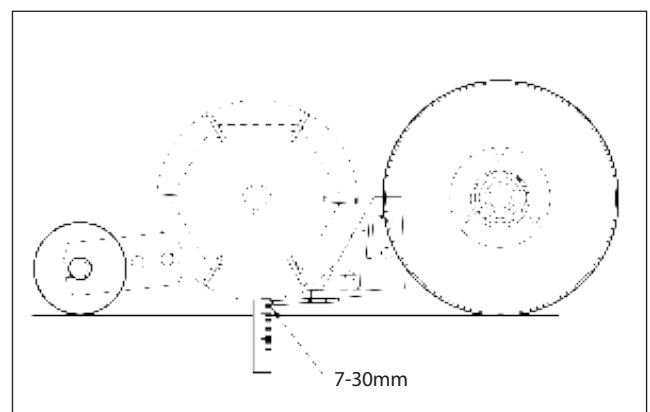
The clutch cables and levers are factory fitted to the Upper handle and mower. The Upper handle assembly is transported unattached at the handlebar pivot point. On assembly, remove the handle locking lever, position the Upper handle assembly and fit the handle locking lever, clamping the Upper handle in place. The height and position of the handlebar may be changed to suit individual operators requirements by loosening the bolts retaining the lower handlebar to the mower frame and pivoting it in the slot provided. The nuts and bolts must then be secured in the position required.

Cutting height adjustment



Always disconnect the spark plug lead when adjusting the blade, to prevent accidental engine start.

The cutting height is gauged by the position of the front and rear rollers. It is variable between 7-30mm and adjusted by means of a plastic handwheel.

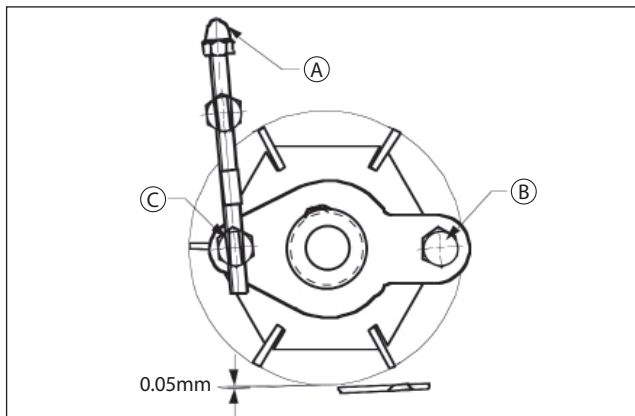


Operating

The cutting height is increased by rotating the handwheel in a clockwise direction and vice versa. If a particular cutting height is required it is necessary to bridge the rear and front rollers and measure the normal height to the cutting point of the bottom blade and adjust the handwheel to obtain the correct height of cut.

Cutting cylinder to Bottom blade adjustment

It is essential that the relationship between the bottom blade and Cutting cylinder is kept in good adjustment and that cutting edges are kept sharp to ensure good cutting performance, minimum power consumption and prolonged life for the cutting edges. Carry out the following procedures before commencing work and re-check the settings every 2-3 hours of mowing or when the cutting performance is noticeably reduced.



If adjustment is necessary, proceed as follows...

Turn adjusting screw (A) in a clockwise direction each end alternatively, whilst rotating the cutting cylinder, until it is in fleeting contact with the Bottom blade along its entire length. Re-check this procedure making marginal adjustments to screw (A) as necessary.

NOTE... The Bottom blade and Cutting cylinder should just brush each other to create a scything cut for a better finish. DO NOT over tighten the bearing housing retaining nyloc nuts (B) and (C).

When the grass is not being cut cleanly it will be necessary to regrind the front of the Bottom blade.

This procedure must be carried out by your authorised service agent on a quality, well maintained bottom blade grinding machine. If the wearing is excessive both the Cutting cylinder and Bottom blade will need regrinding.

Grass catcher



Always shut off the engine and ensure it has stopped before fitting and removing the grass catcher

Always shut off the engine whilst fitting or removing the grass catcher. Your Dual-Drive Reel Mower can be operated with the grass catcher fitted or removed. Generally, the quality of sward will be improved with the grass catcher removed, hence re-clipping the grass. To fit the grass catcher, position the catcher in front of the mower and support the catcher by its front handle and its top edge. Lift the catcher into position engaging the hooks over the catcher studs at each end of the mower frame. Finally, lower the catcher into place, ensuring it is sitting level on the mower. Reverse this procedure to remove the catcher.

Maintenance



Prevent damage to your lawnmower through regular maintenance

Regular maintenance is essential for the continued safe operation of the mower. Correct servicing will prolong its working life and safeguard the Dual Drive Warranty. Always fit genuine LawnMaster Dual-Drive Service Parts as these are accurately matched to the required duty.

Engine

Refer to the Engine Manufacturer's Operators' manual for engine maintenance information.

Fuel

If the fuel has to be drained for maintenance or any other reason, this should be done outdoors.



Reel mower (running) engines can seize without sufficient oil

Check engine oil level

Before the first use, every Dual-Drive mower will require 600ml of engine oil, as it leaves its point of manufacture in a 'dry' condition. Engine oil requires changing after the first five hours of use, and then every 50 hours of normal use and 25 hours of heavy use thereafter. With the mower in a level position, remove the filler cap/dipstick. If the engine oil level is below the minimum mark on the oil dipstick, top up with the correct grade of engine oil to the full mark on the dipstick. **DO NOT OVER FILL.** Then screw the filler cap/oil dipstick securely back into place.

Clean the air filter

Remove and clean the air filter cartridge at 3 month intervals or every 25 hours of use. The air filter cartridge may require servicing more often under dusty operating conditions.

To service the air filter cartridge proceed as follows...

- Loosen the screws and remove the cartridge.
- Blow a gentle air line through the cartridge in the opposite direction to normal engine operation.
- If the cartridge is excessively dirty, it should be replaced.

Check spark plug

Clean and reset the spark plug gap every 100 hours of operation. Remember, in small engines, difficult starting and erratic running is most often attributable to a dirty, oily or carbonated spark plug.

Do not file or sand blast the spark plug electrode but clean by scraping or wire brushing, then cleaning with a commercial solvent.

Rotating screen

Through prolonged operation, the rotating screen, located on top of the engine, may become clogged with grass and debris. Clean the screen in line with the Engine Manufacturer's recommendations to avoid over heating and possible engine damage.

Throttle control

Lubricate the throttle cable by applying a light oil to the top of the inner wire and allowing it to gravity drain down the inside. The throttle control lever quadrant should have a medium grease smeared over it to protect it from corrosion and to give a smooth operation.

Clutch cables and pivots

Lubricate the clutch cable by applying a light oil to the top of the inner wire and allowing it to gravity drain down the inside. The cable pivot also requires occasional lubrication to allow free movement of the mechanisms.

Fasteners and linkages

Check that all nuts, bolts, pins and linkages are secured correctly in place and are in good condition.

Drive chain tension

It will be necessary after the first 5 hours and every 25 hours of use thereafter to check and adjust the tension of the drive chains. The chain guard, located on the side of the cylinder, must be removed from the

Maintenance

mower frame to get access to the transmission system. Wear in the reel drive chain is compensated for by the sprung chain tensioner shoe. As the motor/clutch and clutch/roller chains stretch, the clutch assembly must be moved in order to obtain the correct slack in each chain. The nut at the bottom of the clutch mount plate must be slackened and the clutch assembly moved forward and down to take out the excess slack. There should be approximately 3-5mm of slack in each chain for correct adjustment. It would be worthwhile at this stage to inspect the bearings and sprockets for excessive wear. Replace worn or damaged parts with genuine LawnMaster Dual-Drive Reel Mower components before further use.

Flexible coupling

Remove the drive shaft cover, located on top of the lawnmower, and inspect the flexible coupling spider for signs of wear every 50 hours of operation.

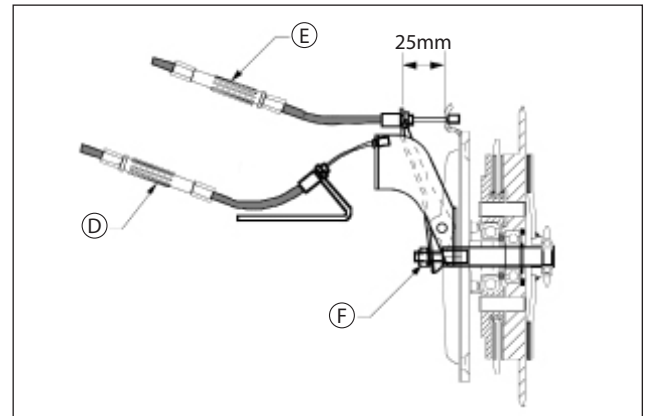
General lubrication

Grease nipples are provided in the cutting cylinder bearings (and roller bearing housings on Golf and Sports models) and should be greased every 25 hours. The drive chains should have a small amount of grease applied to each one to prevent seizure and prolong the chain life.

Clutch cable adjustment

The Reel Mower operating levers feature a Hold In interlatch that allows single handed operation of the mower. After several hours of operation the clutch cables may require adjustment to obtain the correct drive. This may be due to either the clutch cable stretching or the clutch plates wearing, therefore not allowing sufficient travel on the clutches to engage the drives. There is adjustment in the cable assemblies to accommodate the wear. The following procedures should be followed. Remove the shaft cover and put to one side with the fasteners.

The reel clutch can be adjusted, with the cable inline adjuster (D) Firstly loosen the reel clutch cable inline adjuster (D) then tighten one turn at a time and re-check the roller clutch engagement. Continue this procedure until the reel drive is fully engaged. When the cable is correctly adjusted, the lever should engage the 'hold in' detent.



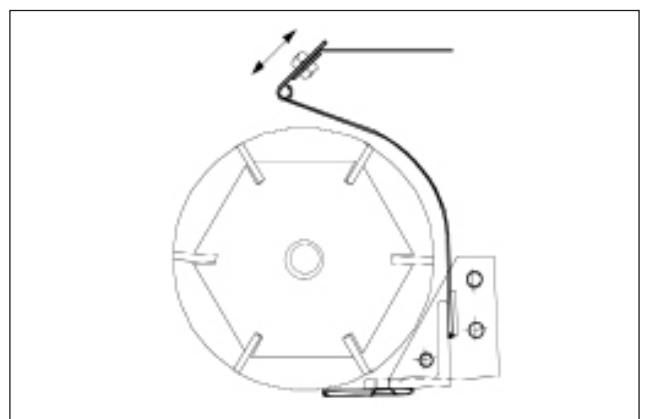
The roller clutch can be adjusted, with the cable inline adjuster (E) and also by the locknut (F) fitted to the pull rod.

Firstly loosen the roller clutch cable inline adjuster (E) then tighten one turn at a time and re-check the roller clutch engagement. The correct engagement is achieved when the lever engages the hold in position with full clutch engagement. If this adjustment is not attainable with this method it is necessary to remove the slack from the system by tightening the locknut (F) on the pull rod a turn at a time until the required movement is achieved.

Once the adjustments to the clutch cables have been made and the mower drive is correct, finally replace the shaft cover.

Grass thrower adjustment

The grass thrower will require adjustment in certain grass conditions or after prolonged use of the mower as the cutting edges wear. This will be noticeable by the reduced efficiency to catch grass and to fill the catcher.



First slacken the two retaining screws and pull the grass thrower forward to reduce the gap between it and the cutting cylinder without it touching as this will create unnecessary noise and wear on the cutting edges. A little trial and error will soon achieve the optimum position. Re-tighten the retaining screws while holding the grass thrower in position. If the grass throwing ability is not improved by these adjustments it will be necessary to take the mower to an authorised service agent for assessment and possible modification to the grass thrower plate.

Catcher

Frequently check the grass catcher for wear or deterioration.

Maintenance



Replace worn or damaged parts to keep the mower in a safe condition.

When carrying out any adjustment or maintenance, take care to prevent entrapment of the fingers between moving blades and fixed parts of the mower.

Health & Safety

This reel mower has been designed and constructed so that, in so far as reasonably practical, it will not endanger the safety and health of those working with it. This is, however, subject to the machine being properly used and maintained according to the conditions stated in this manual and elsewhere, which have been found necessary as a result of the research and testing of the Supplier.

Cleaning the mower body



Do not use a water hose around the engine. It may contaminate fuel or enter ignition system & result in poor running & starting problems.

There is a direct relationship between the mower's life and the care and attention given to the mower both during and after operation.

After use it is important that the mower is thoroughly cleaned down and inspected so that it will be in good working order the next time it is required.

- Disconnect the spark plug lead and thoroughly clean the engine, underside of the chassis, rollers and grass catcher.
- Where water is used under pressure it is important that all the grease and lubrication points are lubricated to force out the water that can sit in the bottom of bearings and chains prior to storage.

Muffler



Care should be taken when cleaning around the muffler. Ensure that the muffler is cool enough to touch before cleaning.

Always clean around the muffler area regularly to reduce the risk of fire and damaging the mower. Brush the grass, dirt or combustible debris from the muffler.

Always store the mower on a flat, level surface.

End of season storage

After each mowing season or if the mower is not going to be used for 30 days or more, it is recommended that the fuel shut off valve be closed off (where fitted) and the fuel tank be drained as fuel has a shelf life of approximately 30 days before going stale. The mower should then be started up and run until all of the fuel left in the system is used. Run the engine until it is warm and drain the engine oil and refill with the correct grade to the required level. Remove the spark plug and pour 15cc of engine oil into the cylinder, crank slowly to distribute the oil and replace the spark plug.

Store the mower in a clean dry area away from direct sunlight as this will have an aging effect on the plastic catcher assembly.

Cleaning & Storage

Adjust the cutting cylinder away from the bottom blade and apply a thin layer of grease to the cutting edges to prevent corrosion through the storage period. If possible, spray the mower with a thin film of light oil to protect it.

Safety

- To reduce the fire hazard keep the engine, muffler and petrol storage free of grass, leaves or excessive grease.
- Never store the mower with petrol in the tank inside a building where fumes can reach an open flame or spark.

Grass Cutting Faults

Ridge lines in the cut across the direction of travel

POSSIBLE CAUSE

- Forward speed too high.
- Cylinder speed too slow.
- Height of cut too low.

REMEDY

- Reduce engine rpm.
- Reduce forward speed.
- Raise height of cut.

Some uncut or poorly cut strands of grass

POSSIBLE CAUSE

- Cutting cylinder is partially out of contact with the bottom blade.
- Cutting cylinder is in heavy contact with the bottom blade.
- Height of cut is too high.
- Cutting edges of cutting cylinder / bottom blade are rounded.

REMEDY

- Re-adjust cutting cylinder to bottom blade.
- Re-adjust cutting cylinder to the bottom blade.
- Lower height of cut setting.
- Regrind cutting edges.

Lines of uncut or badly cut grass in direction of travel

POSSIBLE CAUSE

- Tramlining of cutting edges due to heavy contact caused by poor cylinder/blade adjustment.
- Bottom blade in ground contact.
- 'Nose down' attitude of bottom blade.

REMEDY

- Regrind cutting edges and readjust cutting cylinder to the bottom blade.
- Raise the height of the cut.
- Re-adjust the height of the cut.

Scalping

POSSIBLE CAUSE

- Undulations too severe for height of cut setting.

REMEDY

- Raise the height of the cut.

Excessive bottom blade wear

POSSIBLE CAUSE

- Bottom blade in heavy ground contact.
- Cutting edges of cutting cylinder / bottom blade are rounded.
- Cutting cylinder is in heavy contact with the bottom blade.
- Damaged cutting cylinder or bottom blade.

REMEDY

- Raise the height of the cut.
- Regrind cutting edges.
- Re-adjust cutting cylinder to bottom blade.
- Regrind or replace as necessary.

If fault persists consult your authorised Dual-Drive service agent.

TroubleShooting

The engine does not start, runs erratically or experiences power loss

POSSIBLE CAUSE	REMEDY
<ul style="list-style-type: none"> • Throttle not in choke/start position. • Fuel tank empty or fuel shut off valve closed. 	<ul style="list-style-type: none"> • Move throttle to choke/start position. • Fill tank with recommended fuel grade and open fuel shut-off valve.
<ul style="list-style-type: none"> • Air filter element is dirty. • Spark plug loose. • Spark plug cable disconnected. • Defective spark plug. 	<ul style="list-style-type: none"> • Service or replace air filter. • Tighten spark plug. • Re-fit cable to spark plug. • Replace damaged spark plug.
<ul style="list-style-type: none"> • Spark plug gap incorrect. 	<ul style="list-style-type: none"> • Replace damaged spark plug/refer to engine manual.
<ul style="list-style-type: none"> • Carburettor is flooded with fuel. 	<ul style="list-style-type: none"> • Move throttle to STOP position, pull the starter cord 5-6 times, move the throttle to RUN and start engine.
<ul style="list-style-type: none"> • Dirt, water or stale fuel in the tank. 	<ul style="list-style-type: none"> • Drain and clean fuel tank. Refill with clean, fresh fuel before starting.
<ul style="list-style-type: none"> • Vent hole in the filler cap is blocked. 	<ul style="list-style-type: none"> • Clean or replace the filler cap.

The engine skips at high speed

POSSIBLE CAUSE	REMEDY
<ul style="list-style-type: none"> • Spark plug gap too small. 	<ul style="list-style-type: none"> • Refer to Engine Manual.

The engine idles poorly

POSSIBLE CAUSE	REMEDY
<ul style="list-style-type: none"> • Blocked engine cooling fins and air passages. • Air filter element is dirty. 	<ul style="list-style-type: none"> • Remove debris from around the engine. • Service or replace the air filter.

The engine overheats

POSSIBLE CAUSE	REMEDY
<ul style="list-style-type: none"> • Cooling airflow restricted. • Incorrect spark plug fitted. • Low engine oil level. 	<ul style="list-style-type: none"> • Remove debris from around the engine. • Refer to the Engine Manual. • Check oil level and top up if necessary.

Excessive vibration and/or noise

POSSIBLE CAUSE	REMEDY
<ul style="list-style-type: none"> • Worn or damaged bearings. 	<ul style="list-style-type: none"> • Remove and inspect suspect bearings, replace if necessary.
<ul style="list-style-type: none"> • Worn or damaged drive chains and/or sprockets. 	<ul style="list-style-type: none"> • Remove and inspect suspect chains/sprockets, replace if necessary.
<ul style="list-style-type: none"> • Worn or damaged cutting reel or bottom blade. 	<ul style="list-style-type: none"> • Inspect cutting reel & bottom blade for excessive wear/damage. Cutting edges will require re-grinding or replacement.

Oil leaks from muffler or air filter

POSSIBLE CAUSE	REMEDY
<ul style="list-style-type: none"> • Worn or damaged flexible coupling. 	<ul style="list-style-type: none"> • Inspect and replace worn spider if necessary.
<ul style="list-style-type: none"> • Engine oil sump overfilled. 	<ul style="list-style-type: none"> • Check oil level and drain excessive oil.
<ul style="list-style-type: none"> • Mower tipped or handled incorrectly. 	<ul style="list-style-type: none"> • Check oil level, air filter and spark plug and correct as necessary.

If fault persists consult your authorised Twin-Drive service agent.

Warranty & Spare Parts

Warranty

The Seller warrants this Dual-Drive Reel Mower to be free from defects in material and workmanship. Subject to the following conditions, the Seller will meet the cost and repairing or replacing any part(s) deemed to be defective when examined by an authorised Dual-Drive Service Agent.

- 1 This warranty does not include the engine and batteries (if fitted), which are covered by separate manufacturers warranties.
- 2 For other items this warranty will apply for a period of two years from the date of purchase for the original purchaser only, with the exception of domestic mowers that are used for commercial, institutional, industrial, rental or income producing purposes which are limited to 90 days of warranty.
- 3 This warranty excludes normal wear and tear, misuse, neglect, accidental damage or defects arising from failure to comply with the instructions outlined in this owner's manual. Wearing parts such as reels, bottom blades and spark plugs (which can be subjected to use beyond their normal working capacity) are also excluded.
- 4 This warranty is void if parts other than genuine LawnMaster Dual-Drive parts have been used or repairs carried out by other than authorised Dual-Drive service agents.
- 5 This warranty does not cover the costs of transportation of any part(s) but does cover the labour/part costs incurred in repairing or replacing any defective part(s).
- 6 The Seller reserves the right to inspect any faulty part(s) in order to determine the validity of the warranty claim or for any other reason.
- 7 The Seller has no liability for any incidental, consequential or special damages and/or expenses resulting from any defect in their product.

These conditions do not affect the purchasers' statutory rights under the laws of the place, state or country of purchase.

If warranty service is required, contact your nearest authorised Dual-Drive service agent.

Spare Parts



Use only genuine LawnMaster spare parts to ensure safety/performance. Substitute parts can be dangerous and will invalidate the warranty.

When ordering spare parts, please give the following information:

- PART NUMBER.
- DESCRIPTION AND QUANTITY REQUIRED.
- MACHINE TYPE/MODEL
- BATCH AND SERIAL NUMBER.

Manufactured by Steelfort Engineering

500 Rangitikei Street
Palmerston North 4442
New Zealand

06 350 1350