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INTRODUCTION.

The **LawnMaster** Rotary Mower is a precision built machine, designed for a high quality of finish and long service life. The way in which the machine is operated and maintained will have a profound effect on its performance and reliability.


This manual contains advice on the safe operation of your **LawnMaster** Rotary Mower, which is offered for the guidance and protection of all those operating and servicing the machine.



In the pursuit of continuous development and product improvement, **STEELFORT** reserve the right to alter specifications without prior notice.


SAFETY INSTRUCTIONS.

Safety sign:

 **CAUTION** A caution indicates precautions that 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.

Training:



 **CAUTION** Read this manual before using the mower 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 mower 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 mower.
5. Never operate the mower while people or animals are nearby.
6. While mowing, always wear substantial footwear and long trousers. Do not operate the mower when barefoot or wearing open sandals.
7. Never operate the mower with defective guards, shields or without safety Protection devices in place and in good working order.
8. Do not operate the mower 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 mower.
11. Mow only in daylight hours or in good artificial light.
12. Never lift or carry the mower 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 mower unattended and when crossing roads, pathways or gravel drives.
15. Never mow without the catcher fitted or the rear flap in the closed / down position.

Preparation:

16. Thoroughly inspect the area where the mower is to be used and remove all stones, sticks, wires, bones and any other foreign objects.
17. 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, 15° incline is the maximum recommended.

Operation:

18. General.

- Check that the mower 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 mowers working life.

19. Mower Body Always.

- 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** Spare Parts only.

20. Fuel Always.

- Add fuel before you start mowing.
- Refuel and lubricate outdoors 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.

21. Engine, Drive & Blade Always.

- 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.

COMMISSIONING THE MOWER.

Open the carton and remove the mower and its accessories, you will find.

- 1 x Rotary Mower.
- 1 x Top grass catcher
- 1 x Bottom grass catcher
- 1 x Mulch plug (*if applicable*)
- 1 x Owner's manual
- 1 x Engine 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 suitable hoist, if available.

Engine information:

Refer to the separate Engine Manufacturers Owners Manual (supplied with every **LawnMaster** rotary mower) that accompanies this booklet and carry out all of the safety checks before proceeding with the commissioning of the mower.

COMMISSIONING THE MOWER.

Oil:

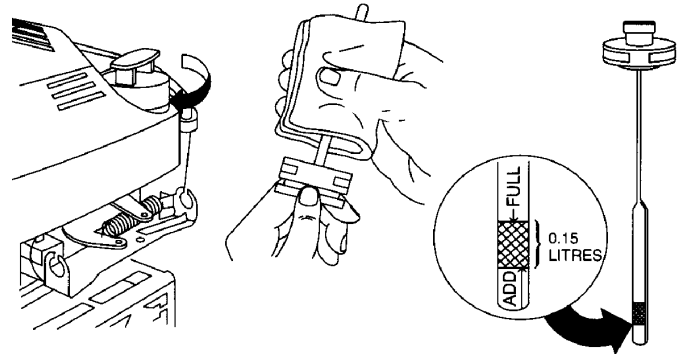


CAUTION All engines fitted to rotary **lawnMaster** mowers are shipped without oil. Check the engine manufacturers manual for oil grade details.

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

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

Before you first mow, every four stroke will require approximately 600 ml of engine oil in the sump. With the mower in a level position,



Fuel:



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

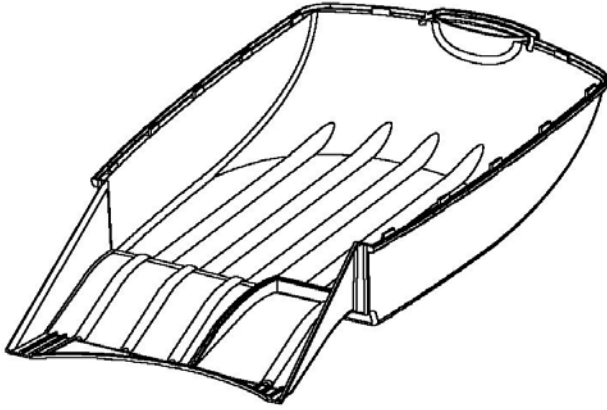
Your engine will run best on fresh, clean unleaded petrol (91 octane). Use of unleaded fuel results in fewer combustion deposits, burns cleaner and gives longer valve life.

Do not fill the petrol tank too full 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 tank in open well-ventilated area.
- Do wipe away any spills.
- Do move the mower away from any petrol fumes before starting engine.

COMMISSIONING THE MOWER.

Assembling the catcher 460 model:

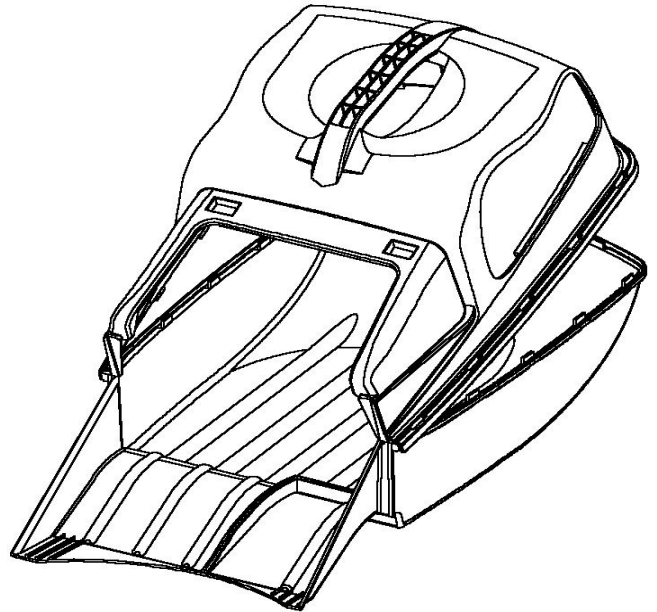


STEP 1

Place the base of the catcher onto a low flat surface a bench is ideal.

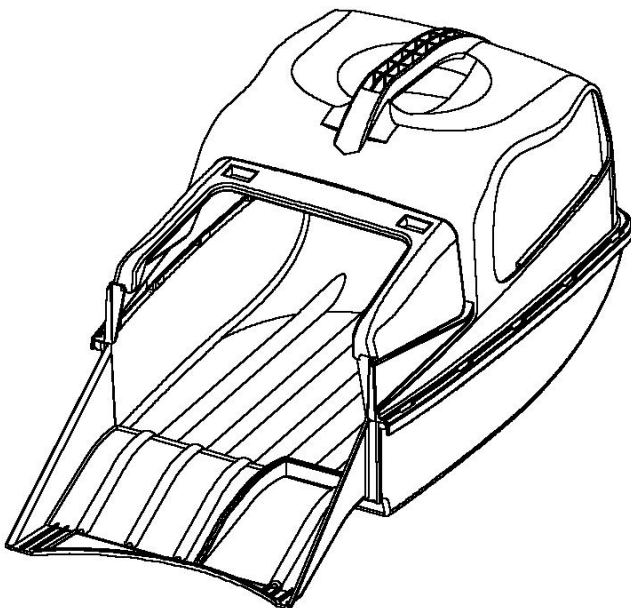
STEP 2

Tilting the top of the catcher forward - ease onto the base. Locate the front lugs and tilt carefully rearwards to align remaining lugs.



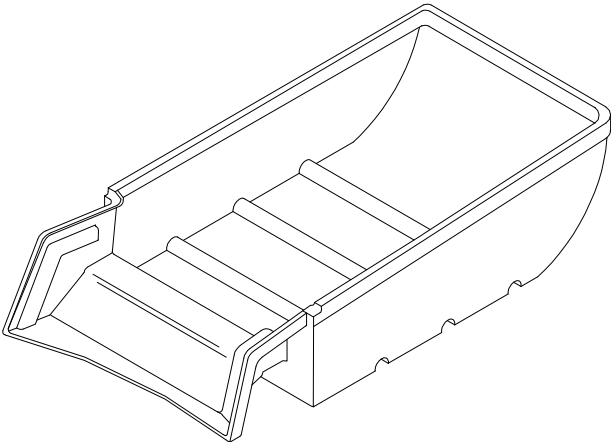
STEP 3

Ensure both halves are aligned and the lugs engaged. Clamp together the top and bottom halves (with firm downward hand pressure) to lock securely.



COMMISSIONING THE MOWER.

Assembling the catcher 530 model:

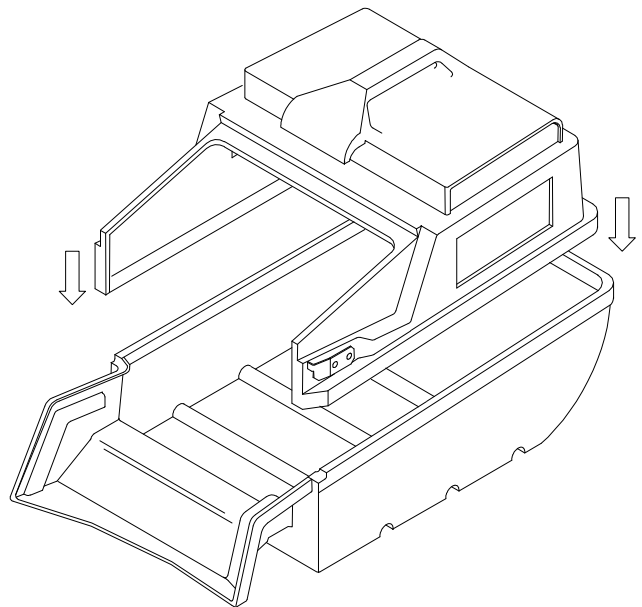


STEP 1

Place the base of the catcher onto the ground. Clamp the base by resting your foot inside the base behind the tongue. Holding the catcher top locate one corner and align the top over the catcher base.

STEP 2

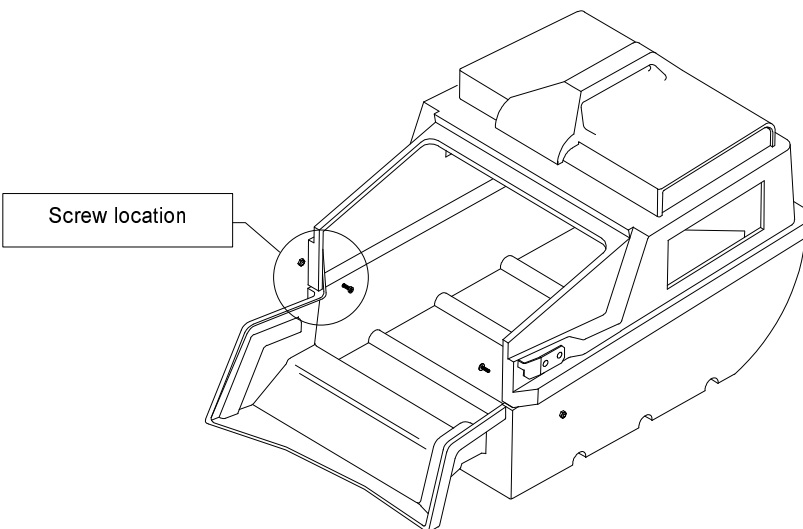
Ease the opposite back corner of the catcher top onto the base and clip the top outer lip over the base rail. Use your fingers to align the rail.



STEP 3

Clamp together the top and bottom halves with firm forward hand pressure. Until the front faces are aligned.

Place screws through aligned holes. Secure screws with nuts provided



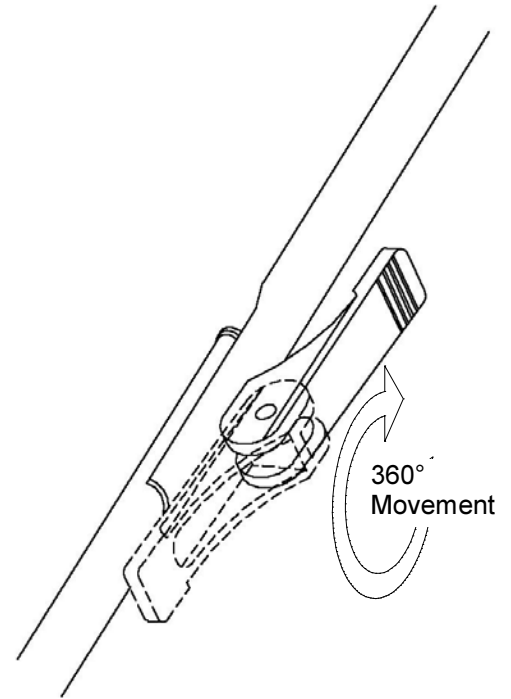
COMMISSIONING THE MOWER.

Handlebar folding instructions:

The handlebar assembly is supplied in the storage position for packaging purposes. The folding handle system is designed for ease of use and practicality.

- Unfold the handle by lifting and turning it to its 'mowing' position.
- Lock the handlebar in this position before operating the mower by activating the locking levers on both sides. The locking lever can be locking in place at any point throughout its 360-degree movement.
- On models fitted with 'zone start' facility, pull the engine starter cord out carefully so that there is sufficient length to extend the handle fully without stretching the cord.

To change the handlebars back to the storage position, simply loosen the handle locking levers and rotate the upper handlebars forward over the mower body.



Handlebar Height adjustment instructions:

The height of the handlebar can be adjusted to various heights. Note that when shipped the handle is set in the highest position.

- Lift the grass flap and secure it in the open position, loosen the four bolts two on each side holding the handle to the mower.
- The handle can now be adjusted to the correct height by moving it.
- Hold the handle in place and tighten the bolts to secure the handle in its new position.
- To adjust the handle height on the self propelled model you must first remove the cover to the gearbox area.


3 'n' 1 model:

⚠ CAUTION Always wait until the engine has stopped and the blade has stopped rotating before fitting or removing the Mulcher plug.

mower to a catching model and vice versa.

The **lawnMaster** 3 'n' 1 Mower has been assembled ready for mulching mode - it has the mulching plug inserted and the correct blade system fitted. Removal of the mulcher plug and fitting the catcher converts the

Starting The Mower Cold Starts:

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

Open the fuel shut off valve (where fitted). Move throttle control to choke / start position. For mowers fitted with non-choke engines, the primer bulb must be firmly pressed three to four times after the throttle control lever has been moved to the run position.

- Grasp the starter grip and pull slowly until resistance is felt, then pull the starter cord with a rapid, smooth movement to start the engine. Do not allow the cord to snap back.
- For models without a 'zone start' feature, place your foot against the mower body then grasp the starter grip.
- Repeat the starting procedure above if necessary.
- When the engine starts, move the throttle to the run position and to the speed desired.
- In the case of flooding occurring, move the throttle to the stop position, pull the starter cord 5 - 6 times, then move the throttle lever to the choke / start or run position and pull the starter cord as above.

Starting The Mower Hot Starts:

Follow this procedure for restarting after emptying catcher or short rest periods. A warm engine will usually start in the idle position. However, if it fails to start, follow the cold start procedure as explained above.

Stopping the engine:

To stop the engine, move the throttle control to the stop position. Turn the fuel shut-off valve (where fitted) to the close / off position when the mower is not in operation to prevent fuel leakage from the carburettor.

Starting The Mower Touch 'n' Mow:

Turn the engine safety lock key to the run position, and prime the engine. Disengage the start lever safety catch. Pull the start lever down and whilst holding the start lever in the engaged position grasp the starter grip and pull slowly until resistance is felt. Then pull the starter cord with a rapid, smooth movement to start the engine. Do not allow the cord to snap back.

Stopping the engine Touch 'n' Mow:

Releasing the start lever on the mower handle stops the engine. As the engine stops it engages the starter, so that when you pull the start lever towards the handle the engine restarts.

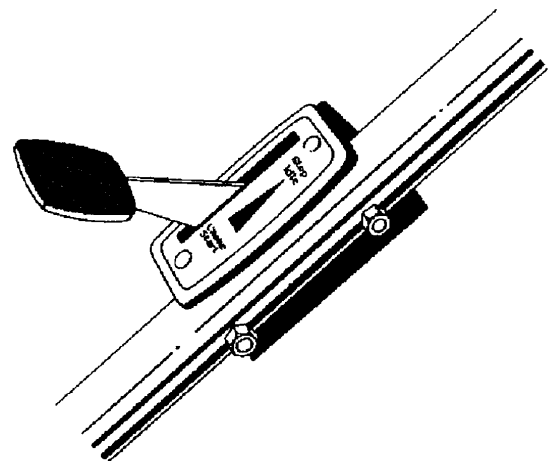
Note: when letting go of the start lever the action should be a sharp release NOT a gradual slow release. Releasing the start lever gradually may not activate the engine starter mechanism.

De-energising the Touch 'n' Mow starting function:

To disengage and de-energise the starting function you need to remove the spark plug lead and then start the engine using the procedure detailed in the Starting The Mower Touch 'n' Mow. The engine will turn over but because the spark plug is removed the engine is not able to fire. Turn the engine safety lock key to the off position.

Throttle control lever:

The throttle control lever is located on the right hand side of the upper handlebar and can be either a four-position operation or graduated run / stop. The throttle lever is moved fully forward into the detented choke / start position to start a cold engine. The run position has a detented position for working (or governed) speed and a graduated quadrant slide allows for selected slower running speeds. Note that the engine speed dictates the speed and operation of the cutting system.



OPERATING THE MOWER.

Zone start handle:

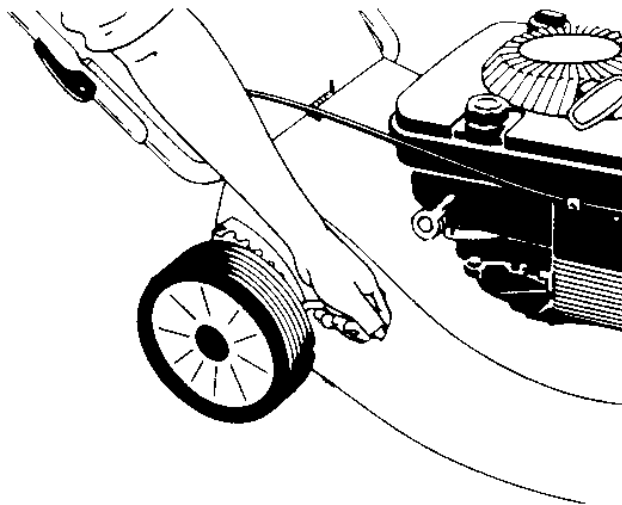
Note that as soon as the engine is cranked the cutting blades rotate immediately. Models fitted with Zone Start allow effortless, trouble free, at the handle starting while keeping feet and hands away from the cutting mechanism and danger zones. To start simply grip the zone start handle firmly and push the mower away with the handlebars.

Recoil start handle:

Refer to the engine manufacturers owners' handbook for details.

Cutting height adjustment:

The **LawnMaster** single lever height adjustment makes for easy change from one height setting to another. There are ten height of cut settings available (from 10 mm to 65 mm) and the most suitable height should be selected that best suits the grass and weather conditions. To adjust the height of cut setting follow the steps below.



- Grip the height adjust lever by the black knob.
- Apply an outward force to the lever to disengage it from the quadrant rack setting.
- Holding the lever out, move the lever up or down the quadrant rack to the desired height of cut.

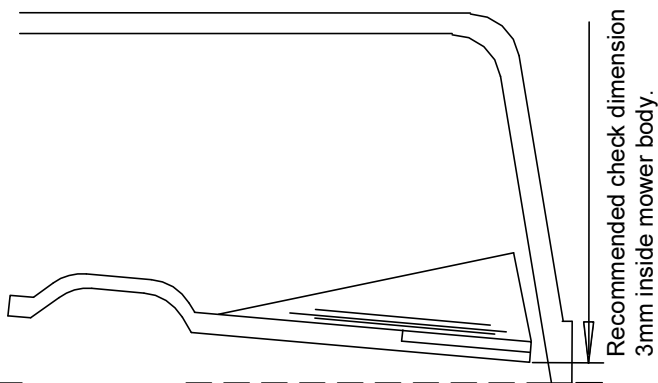
- Engage the lever into the quadrant rack by releasing the outward force.

Note that when using a 3 'n' 1 mower using the higher height settings, will give the best mulching performance.

Cutting blade adjustment:

⚠ CAUTION Always disconnect the spark plug lead and always de-energise the engine on Touch "N" Mow mowers when adjusting the blade, to prevent accidental engine start.

It is essential that the relationship between the blade(s) and mower body 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 to 3 hours of mowing or when the cutting performance is noticeably reduced. During mowing, the blade tips can move relative to the mower body through normal work or by hitting obstructions. Check that the cutting blade(s) is correctly set to the mower body by measuring the distance the blades are inside the mower skirt, this distance should nominally be 3 mm. Disconnect the spark plug cable and carefully rotate the blade by hand and check that the distance is nominally correct all around the mower body. If adjustment is necessary, proceed as follows




• Remove the spark plug cable from the spark plug.

- Rotate the blade(s) until it is accessible from the rear flap area.
- Using a crescent spanner on the end of the blade apply an upward or downward force to correct the distance.
- Re-check each blade and make marginal adjustments as necessary.
- Re-fit the spark plug cable.

If it is impossible to obtain a good clean cut, it may be necessary to take the mower to your local **LawnMaster** Service Agent to have a new set of blades fitted.

Grass catcher:

 **CAUTION** Always shut off the engine and ensure it has stopped before fitting or removing the grass catcher or raising the rear flap.

Your **LawnMaster** Rotary Mower can be operated with the grass catcher fitted, or removed as a utility mower.

Note that if the mower is used with the catcher removed, the rear flap must be fitted

and located in the down / closed position. To fit the grass catcher, stop the engine, and position the catcher on the ground behind the mower. Raise the rear flap and lift the catcher into position ensuring the catcher tongue is located over the rear axle. Slide the catcher forward and upward; lower the flap so that the lugs on the flap locate into the square holes on top of the catcher. Your catcher is now attached.

To remove the grass catcher, stop the engine, hold the catcher by its top handle raise the rear flap. Lift the grass catcher up and away from the mower, and return the grass flap to its down / closed position.

Avoid leaving the catcher in direct sunlight when not in use. The catcher will not deteriorate if stored wet but prolonged exposure to sunlight can cause premature UV breakdown. Dust and clippings will build up inside the catcher and on its venting screen, particularly during wet weather mowing. This debris will impede the function of the catcher so it should be removed by hosing out with water when necessary.

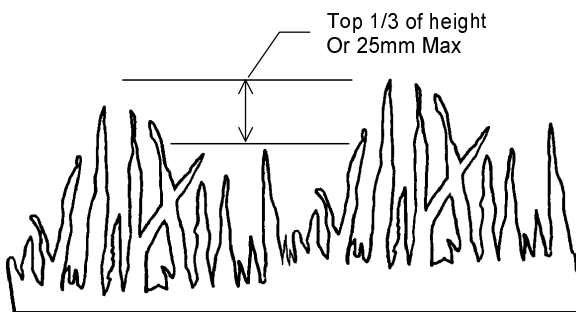
3 'n' 1 model:

⚠ CAUTION Always wait until the engine has stopped and the blade has stopped rotating before fitting or removing the Mulcher plug.

Mulch mowing is recommended at the higher end of the height of cut settings to allow a good even cut and distribution of clippings through the lawn. Mulch mowing involves different mowing practices to conventional

mowing and here are a few helpful guidelines to provide the best results with your 3 'n' 1 mower.

- Avoid mulching the lawn in wet conditions. Wet grass will build up on the inside of the body, fall off in clumps and not spread evenly into the lawn. The best time to mulch is in the late afternoon or early evening. By this time the grass is usually dry and the sensitive, newly cut grass is not exposed to the direct sunlight.
- Limit your ground speed to suit the conditions and to obtain the best finish and distribution. The slower the forward speed the better the finish.



- Do not try to mulch on too low a height of cut setting. Remember the maximum cut should be 25 mm off the top of the grass or no more than one third of the grass blade height whichever is the lesser amount.
- Always mulch at maximum throttle setting. When engine speed is reduced or the workload is too much the blades will not mulch the grass efficiently resulting in a poor quality

finish.

- Keep the blades sharp for optimum mulching performance and to reduce engine power loss and speed.
- Keep the underside of the mower body clean so that the airflow is not restricted. All **LawnMaster** Rotary Mowers are fitted with convenient wash nozzle for this purpose.
- If a trail of grass is visible, raise the cutting height of the mower.
- If the conditions for mulching are not ideal and / or there are trails of clippings visible after cutting, there are several steps that you can take. Convert your mower back to catcher mode to remove some of the matted grass, re-mow over the clippings, raise the height of cut or rake up the clippings after mowing.
- It is recommended to vary the direction of mowing from week to week to prevent matting of the grass. One-week mow east to west, the next mow north to south.
- You may notice excess clippings being dropped during turning; these areas should be re-mown at the end to distribute properly.

OPERATING THE MOWER.

Fitting and removing the mulcher plug:

FITTING THE PLUG

- Stop the engine.
- Make sure the discharge chute and underside of the mower body is clean.
- Lift the rear flap of the mower and remove the catcher, if fitted.
- Grasp the Mulcher Plug by its handles and insert into the rear of the mower ensuring it is positioned correctly.
- Guide the mulcher plug in over the rear axle and clip into position.
- Lower the rear flap.
- The mower is now ready to use as a mulcher model.

REMOVING THE PLUG.

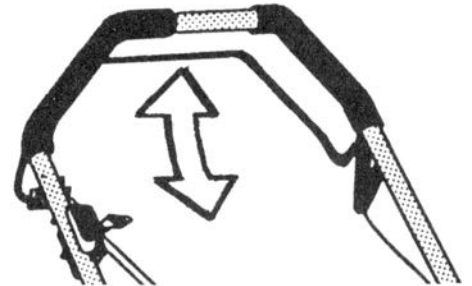
- Stop the engine.
- Lift the rear flap of the mower.
- Grasp the Mulcher Plug by its handles and lift clear of the rear axle of the mower.
- Guide the mulcher plug out over the rear axle of the mower.
- Lower the rear flap or fit the catcher as required.
- Clean the underside of the mower body and mulcher plug as necessary.

Self propelled models:

DRIVE LEVER

To engage drive raise the handle drive lever upward and hold against the main handle.

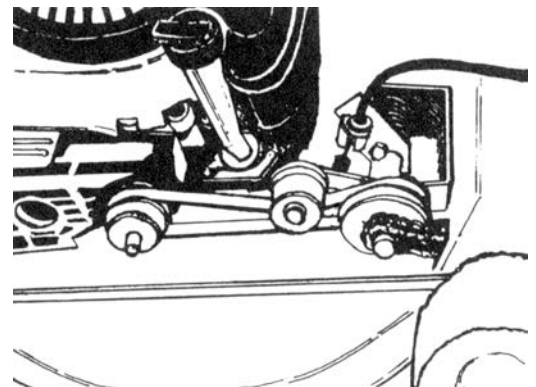
To disengage drive release the drive lever.



CHANGING SPEED 530 MODEL

The speed should only be changed with the engine stopped and the spark plug removed.

To change speed between high and low speed remove the belt cover knob and belt cover. Change the belt to the inner pulleys for low speed and the outer pulleys for high speed.



IMPORTANT PREVENT DAMAGE: Regular maintenance is essential for the continued safe operation of the machine. Correct servicing will prolong the working life of the machine and safeguard the **LawnMaster** Warranty. Always fit genuine **LawnMaster** Service Parts as these are accurately matched to the required duty.

Engine:

Refer to the manufacturers operator owner manual for engine maintenance information.

Check engine oil level:

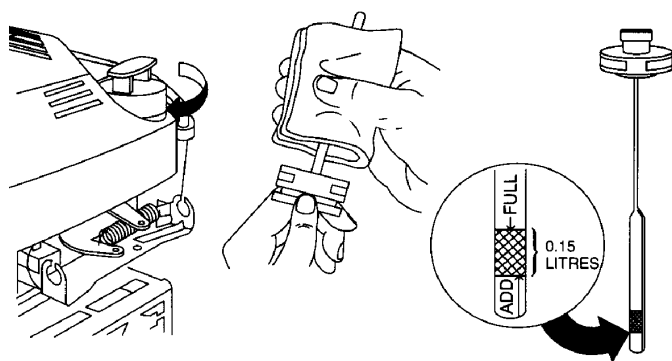


CAUTION Running engines fitted to **LawnMaster** rotary mowers without sufficient oil can cause the engine to seize.

Periodically the oil level should be checked to ensure it is correct. Engine oil also requires changing after the initial 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,

1. Remove the oil dipstick.
2. Wipe the dipstick clean replace and remove.
3. If the engine oil level is below the minimum mark on the dipstick, top up with the correct grade of engine oil to the full mark on the dipstick. **DO NOT OVER FILL.** Then screw the dipstick securely back into place.

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

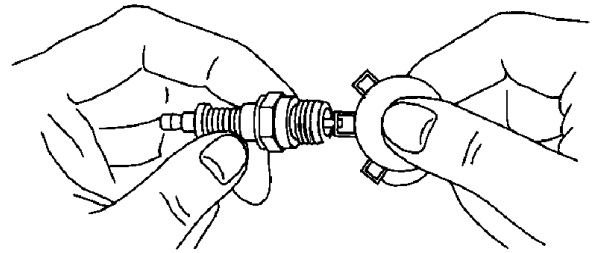


Clean the air cleaner:

Remove and clean the air filter cartridge at three monthly intervals or every 25 hours of normal use. The air filter cartridge may require servicing more often under dusty operating conditions. To service the air cleaner cartridge follow the procedures detailed in the engine manual.

Check spark plug:

Clean and reset the spark plug gap every 25 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. Clean and reset the spark plug gap at $0.7 - 0.8\text{mm}$ ($0.030''$) every 100 hours of operation.



Always fit the recommended spark plug

4 Stroke Engines - use Champion CJ8 (or good quality equivalent)

2 Stroke Engines - use Champion CJ8Y (or good quality equivalent)

Rotating screen:

Through prolonged operation, the rotating screen may become clogged with grass and debris. Clean the screen in line with the engine manufacturers recommendations to avoid over heating and possible engine damage.

Throttle control Self Propelled control & Touch 'n' Mow control:

Lubricate the cable every 25 hours of mowing 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 medium grease smeared over it to protect it from corrosion and to give a smooth operation.

Fasteners and linkages:

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

Blade Care:

Check the condition of the blades, bolts and cutter assembly regularly. Remember that badly worn blades will affect grass cutting, catcher fill and cause excessive mower vibration.

Change Worn or Damaged Blades:

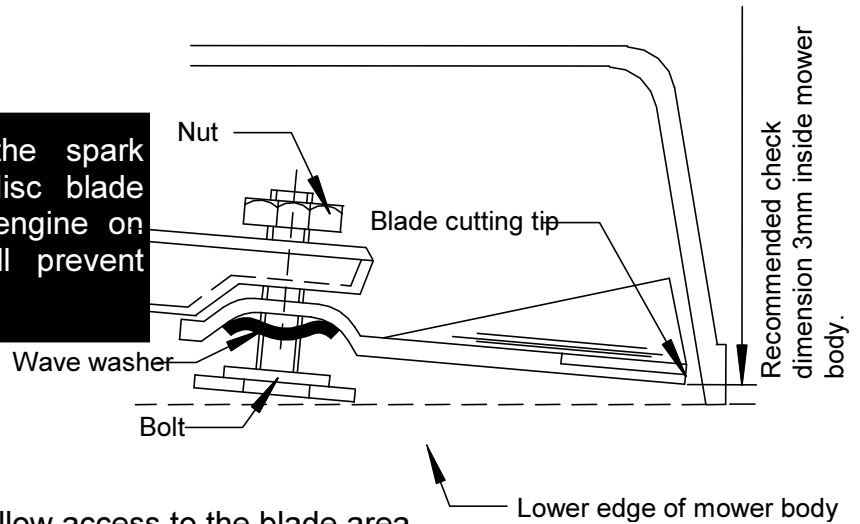
It is recommended that you use an authorised **LawnMaster** Service Agent for any replacement, sharpening or balancing blade work. Always fit a complete set of blades and fasteners to maintain balance.

Disc blade assembly:

⚠ CAUTION Always disconnect the spark plug lead when working on the disc blade assembly. Always de-energises the engine on Touch "N" Mow mowers. This will prevent accidental starting of the engine.

Always fit a complete set of blades and fasteners to maintain balance.

1. Set the mower to highest cutting height.
1. Lift the rear flap and prop open to allow access to the blade area.
2. Remove each blade, blade retaining bolt, nut, washer and discard.
3. Fit the new blades, blade bolts, washer and nuts.
4. Torque the blade nuts and check each blade is free to move after tightening.
5. Remove the prop from the rear flap and replace the spark plug cable.



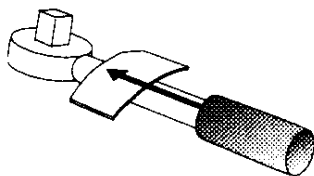
If the disc is damaged, it will need replacing as follows.

1. Tip the mower with its spark plug upward - refer to engine manual.
1. Remove the centre bolt; pull the disc blade assembly off the three locating pins on the boss.
2. Assemble in reverse order torque to the correct setting.

Bar blade assembly.

1. Tip the mower with its spark plug upward - refer to engine manual.
2. Remove the centre bolt and spring washer; pull the blade and carrier off the engine shaft.
3. Either sharpen and balance the old blade or fit a new one.
4. Grease the engine shaft; assemble in reverse order ensuring the drive key is located correctly.
5. Torque the centre bolt as recommended.

Blade Replacement Torque Settings:



Centre Bolt 50 Nm
Blade Carrier Bolts 24 Nm
Flail Blade Bolts 20 Nm (free to move)

Carburettor Adjustment:

Check your engine Manufacturers Maintenance Instructions when carburettor adjustment is required to compensate for changes in fuel, temperature, altitude or load.

CLEANING & STORAGE.

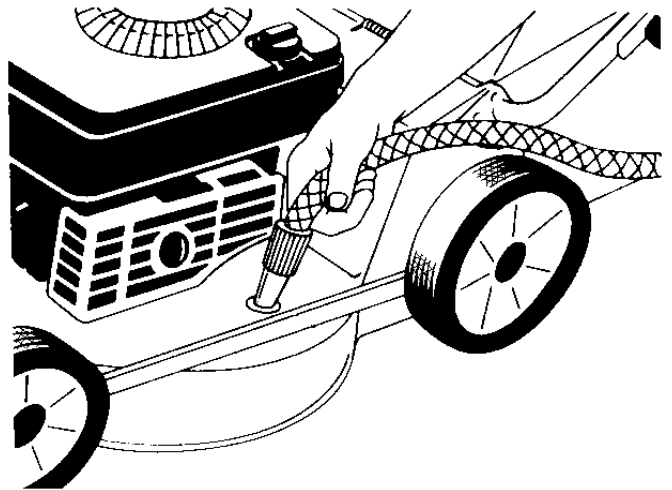
Cleaning the Mower Body:

There is a direct relationship between the mowers 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, wheels and grass catcher.

⚠ CAUTION Do not use a water hose around the engine as this may contaminate the fuel or enter the ignition system and result in poor engine performance and starting problems.

supply for two to three minutes. The action of the rotating blade system will dislodge most grass and debris build up.


Your **lawnMaster** Mower features a wash nozzle for easy cleaning of the underside of the body. Simply run the mower at a moderate speed, place a garden hose into the wash nozzle and turn on the water



Cleaning the Catcher:

Simply hose out the catcher and screen after each use to ensure maximum mower performance and catcher fill.

Muffler:

 **CAUTION** Care should be used 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.

Cleaning under self propelled drive cover:

The area under the drive assembly guard should be cleaned out on a regular basis.

- The drive assembly cover should be removed and the area cleaned out of any debris
- Under normal use we recommend doing this once per month.

Storage:

After each mowing season or if the mower is not going to be used for 30 days or more, it is recommended that

1. The engine oil should be changed.
2. All fuel should be removed.
3. The Touch 'n' Mow engine should be de-energised.

Run the engine until it is warm and drain the engine oil and refill with the correct grade to the required level.

The fuel shut off valve should be closed off (where fitted) then remove all fuel from the carburettor, fuel line and tank to prevent the formation of gum like deposits The mower should then be started up and run until all of the fuel left in the system is used.

Remove the spark plug and pour 15 cc 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 and other plastic component.

Always store the mower on a flat, level surface.

TROUBLESHOOTING.

Fault	POSSIBLE CAUSE	REMEDY
Engine does not start, runs erratically Or experiencing power loss.	Throttle not in choke / start position.	Move throttle to choke / start position. Pump primer more.
	Fuel tank empty or fuel shut off valve closed.	Fill tank with recommended fuel grade and open fuel shut-off valve.
	Air cleaner element is dirty.	Service or replace air cleaner.
	Spark plug loose.	Tighten spark plug.
	Spark plug cable disconnected.	Refit cable to spark plug.
	Defective spark plug.	Replace damaged spark plug.
	Spark plug gap incorrect.	Replace damaged spark plug. Refer to Engine Manual.
	Carburettor is flooded with fuel.	Move throttle to 'stop' position, pull the starter cord 5 - 6 times, move throttle to 'run' and start engine.
	Dirt, water or stale fuel in the tank.	Drain and clean fuel tank. Refill with clean fresh fuel before starting.
	Vent hole in the filler cap is blocked.	Clean or replace filler cap.
Engine skips at high speed.	Touch 'n' Mow engine has not energised.	Re start engine using the started cord.
	Spark plug gap too small.	Refer to engine manual.
Engine idles Poorly.	Blocked engine cooling fins and air passages.	Remove debris from around engine.
	Air cleaner element is dirty.	Service or replace air cleaner.
Engine overheats.	Cooling airflow restricted.	Remove debris from around engine.
	Incorrect spark plug fitted.	Refer to engine manual.
	Low engine oil level.	Check oil level and top up if necessary.
Excessive vibration and / or noise.	Cutting assembly is loose.	Refer to Blade Care / Changing Blades.
	Cutting assembly is unbalanced.	Refer to Blade Care / Changing Blades.
Oil leaks from muffler or air cleaner.	Engine oil sump over filled.	Check oil level and drain excessive oil.
	Mower tipped or handled incorrectly.	Check oil level, air cleaner and spark plug and correct as necessary.

If fault persists, consult your authorised **LawnMaster** Service Agent.

LawnMaster Warranty:

Steelfort Engineering Co Ltd warrants this **LawnMaster** Rotary Mower to be free from defects in material and workmanship.


Subject to the following conditions, Steelfort will meet the cost of repairing or replacing any part(s) deemed to be defective when examined by an authorised **LawnMaster** 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 the following periods. Cast Aluminium Chassis 6 year's limited warranty, Engine 2 year's limited warranty, Catcher Life time warranty 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 warranty.
3. This warranty excludes normal wear and tear, misuse, neglect, accidental damage or defects arising from failure to comply with the instructions as outlined in this Owners Manual. Wearing parts such as blades, blade bolts, belts 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** Spare Parts have been used or if repairs have been carried out by other than authorized **LawnMaster** 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. Steelfort Engineering Co Ltd 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. Steelfort Engineering Co Ltd 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 you're nearest authorized **LawnMaster** Service Agent.

Spare Parts:

 **CAUTION** Always use genuine **LawnMaster** spare parts to ensure safety and proper performance. Substitute parts can be disappointing dangerous, and will invalidate the machine warranty

When ordering spare parts, please give the following information:

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

Further spare part information can be found on the **LawnMaster** web page.

www.lawnmaster.co.nz