

# Alroh Warranty

Refer to your warranty card for terms and conditions.

Model No ..... Serial No .....

## Service Record

Date Purchased		Initial Oil Change	
1st Year Service		2nd Year Service	
3rd Year Service		4th Year Service	
5th Year Service		6th Year Service	
7th Year Service		8th Year Service	
9th Year Service		10th Year Service	
11th Year Service		12th Year Service	

## Your Local Alroh Dealer



# RESIDENTIAL CYLINDER MOWER OWNER'S MANUAL



Manufactured by M.E.Y. Equipment  
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Established 1951



# ALROH MOWER

## CONTROLS & BENEFITS



## Congratulations

Thank you for buying a quality designed and manufactured Australian made product. Before operating the mower, we recommend that you read this operating guide and the engine manual. **THINK SAFETY AT ALL TIMES!**

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## Cutting Height

It is important to set your mower to the correct cutting height to suit your lawn type. This could vary from 35mm for the new style soft buffalo to 8mm for the bowling green finish!

The cutting height might also be changed on a seasonal basis. Scalping a lawn during the winter can take a long time to recover and cause stress in hot dry summer spells.

Fortunately, your Alroh mower has a robust quick turn knob to allow easy height changes to be made. Clockwise turns raise the cutting height and anticlockwise lowers it. Tilting the mower to lift the front roller off the ground makes it easier to turn the knob when raising the cutting height.

## Uneven Cutting

Your Alroh mower has been fitted with independent adjusters for both the front and rear rollers on the non chaincase side.

These have been preset at the factory but should they become misaligned due to a severe knock or dropping, we recommend that you consult your local authorised dealer for adjustment.

## Chains & Belts

Periodic adjustment of the mower belts and drive chain is required during the life of the mower. We recommend annual service of the mower by your local authorized dealer so that these adjustments can be made.

Correct chain and belt tension will ensure that the pulleys and sprockets will give long and reliable service.

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## Cutting Units

The Alroh mower cuts the grass with a clean scissor like action as the spinning cylinder/reel passes the bottom blade. Regular adjustment is required to maintain a light brushing contact between the cylinder and the entire length of the bottom blade.

On all Alroh mowers, the cutting cylinder is firmly fixed in position and the bottom blade is pivoted upwards to maintain the fine cutting action.

Adjusters are located left and right on the front edge of the deflector plate. Loosen the front nuts by turning anti-clockwise about 1/8th of a turn and then tighten the rear nuts by turning in the same anti-clockwise direction. Continue evenly left and right until light contact has been restored.

A piece of paper or a blade of grass can be used to test the cut. Regular fine blade adjustment will extend the time before the blades will need sharpening.

Excessive pressure between the cutting blades will indicate that the mower needs sharpening so as to avoid slipping belts, stalling the engine and premature blade wear.

Occasionally, accidental damage can be caused to the corners of the bottom blade when hard objects are hit. This can cause an alarming noise. By reclining the mower slightly and manually rotating the cutting cylinder it will be possible to determine which end is causing the problem and an adjustable spanner can be used to lightly bend that end of the bottom blade away from the cylinder.

If the lawn has become overgrown, it is recommended to cut only a third of the leaf height at one time and return soon after for a second lower cut until the required finish is achieved.

## Safety—Caution

- Know your machine & read these instructions
- Keep hands & feet clear of the blades & moving parts.
- Stop the engine before clearing obstructions or working on the mower.
- Check all nuts, bolts and screws often, always be sure the mower is in safe condition and use only genuine replacement parts.
- Learn how to stop the mower in event of an emergency
- Adjust the engine revs with the throttle to a comfortable speed for you.
- Do not operate in a confined space where exhaust fumes (carbon monoxide) can collect.
- Check your lawn is free of obstructions, stones, metal or other items likely to damage the blades.
- People, pets & children should be kept clear when mowing
- Only allow people familiar with these instructions to mow
- For first timers, why not practice manoeuvring the mower without the cutting cylinder rotating. Gain confidence and remember you should be in control!
- When loading the mower onto a trailer or into a car boot, ask for assistance, avoid twisting and keep your back straight.
- Always refuel the mower outside or in a well ventilated area. Do not smoke
- Mow across slopes, never up and down. The split ratchet rear roller on the 54D models will freewheel down hill.
- Do not mow excessively steep slopes.
- Disengage the cutting cylinder when crossing gravel drives, walks or roads.

## Starting Procedure

- Prior to starting, check oil and fuel levels. We recommend plain unleaded petrol rather than Premium be used.
- Turn the fuel and engine switch to the on positions.
- Check that the two clutch levers are disengaged (as illustration).
- The choke may need to be engaged for the first start.
- Set the throttle lever to a medium speed (half way).
- Pull the recoil starter in a smooth motion and avoid reaching the limit of the rope. Return the handle to the start position before releasing it.
- Once started, disengage the choke and adjust the engine revs to allow smooth operation of the clutch controls.
- Remember that the cutting cylinder and the rear roller drive clutches can be operated independently for easy control.
- Use the height adjuster knob to obtain the best cutting level for your turf conditions.

## Stopping Procedure

- Disengage the two clutch levers.
- Turn the engine stop switch to the off position.
- If this fails to stop the engine, engaging the choke will normally stop the engine or by removing the spark plug lead.
- Always stop the engine before working on the mower.

## Maintenance

**Lubrication:** Alroh Residential mowers are all fitted with sealed bearings to give a long maintenance free performance.

**Cleaning:** Avoid using a hose or pressure washer to clean the mower as this may force water into the bearings and engine.

Compressed air or a blower can be used to clean the mower and a quick wipe over with a lightly oiled rag will help preserve the mower finish.

**Engine:** Follow the engine manufacturer's recommendations for regular maintenance.

**Air Filter:** Clean, dust free, air is essential for the long life of your engine. Dirty filters restrict air flow, causing the engine to burn excessive fuel and reduce performance.

**Oil Check:** When checking the oil level ensure the engine is standing level to obtain an accurate reading.

**Oil Change:** We recommend an early oil change at the end of the first month to remove impurities from manufacture and that the engine oil should be replaced at least annually. These engines have no oil filter and rely on regular changes of oil to give long reliable service. Run the engine till warm, stop the engine, remove the sump plug at the rear of the engine and catch the waste oil in a bowl such as an ice cream container. Refill to the required oil level using the manufacturer's recommended oil.

**Transit:** Avoid tipping the mower backwards either in transit or for service as this may allow the engine oil to pass into the cylinder head, carburettor and exhaust. The mower handle should not be lower than 45cm off the ground but can be rested on a chair to adjust the blades.

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