

## WARNING REEL LAWN MOWER

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. If any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

<<<**DANGER**>>> <<<**DANGER**>>> <<<**DANGER**>>>

With all mowers, there is a chance of objects *being shot out at high speeds. These objects could cause serious injury or death to the operator or bystanders.* Thoroughly inspect the area where the equipment is to be used. Clear it of objects such as rocks, toys, wire, bones, sticks, etcetera. Always wear safety goggles and other protective clothing. Keep children, animals and others at least 30 feet away at all times.

 **WARNING:** Operating, servicing and maintaining this equipment can expose you to chemicals including engine exhaust, carbon monoxide and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize your exposure, avoid breathing exhaust, do not idle the engine except as necessary, operate and service your equipment in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

**DO NOT TAPE DOWN OR OTHERWISE BY-PASS ANY SAFETY DEVICES!  
ALWAYS OPERATE THIS EQUIPMENT FROM THE DESIGNATED OPERATORS  
POSITION**

**Use extreme caution whenever operating, moving, loading or unloading this equipment. During and after operation the Muffler and other components are Extremely Hot and will cause Serious Burns.**

**Never operate power equipment of any kind if you are tired or if you are under the influence of alcohol, drugs, medication or any substance that could affect your ability or judgment. Be alert! If you get tired while operating this equipment, take a break. Tiredness may result in loss of control.**

**Never clear or remove the bag while the engine is running.**

**Provide adequate ventilation when operating this equipment. Internal combustion engines consume oxygen and give off deadly carbon monoxide gas.**

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. If there is any doubt as to the operation or safety of the equipment,

**DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!!**

**FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH**

## SAFETY RULES

### Training

1. Read the Operating and Service Instruction Manual carefully. Be thoroughly familiar with the controls and proper use of the equipment.
2. Never allow children to operate a power mower.
3. Keep the area of operation clear of all persons, particularly small children and pets.

### Preparation

1. Thoroughly inspect the area where the equipment is to be used and remove all stones, sticks, wire, bones and other foreign objects.
2. Do not operate equipment when barefoot or wearing open sandals. Always wear substantial footwear.
3. Check fuel before starting engine. Do not fill gasoline tank indoors, when engine is running, or while engine is still hot. Wipe off any spilled gasoline before starting engine.
4. Disengage self-propelled mechanism or drive clutch on units so equipped before starting engine (motor).
5. Never attempt to make a wheel height adjustment while engine (motor) is running.
6. Mow only in day light or in good artificial light.
7. Never operate equipment in wet grass. Always be sure of your footing; keep a firm hold on the handle and walk, never run.

### Operation

1. Do not change engine governor settings or overspeed engine.
2. Do not put hands or feet near or under rotating parts. Keep clear of discharge opening at all times.
3. Stop blade(s) when crossing gravel drive, walks or roads.
4. After striking a foreign object, stop the engine (motor), remove wire from spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.
5. If the equipment should start to vibrate abnormally, stop the engine (motor) and check immediately for the cause. Vibration is generally a warning of trouble.
6. Stop engine (motor) whenever you leave the equipment, before cleaning mower housing, and when making any repairs or inspections.
7. When cleaning, repairing or inspecting, make certain blade and all moving parts have stopped. Disconnect spark plug wire and keep wire away from plug to prevent accidental starting.
8. Do not run engine (motor) indoors.
9. Shut engine (motor) off and wait until blade comes to a complete stop before removing grass catcher and/or unclogging chute.
10. Mow across the face of slopes, never up-and-down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
11. Never operate mower without proper guards, plates or other safety protective devices in place.
12. Keep washout ports and other mower housing service openings closed when mowing.

### Maintenance and Storage

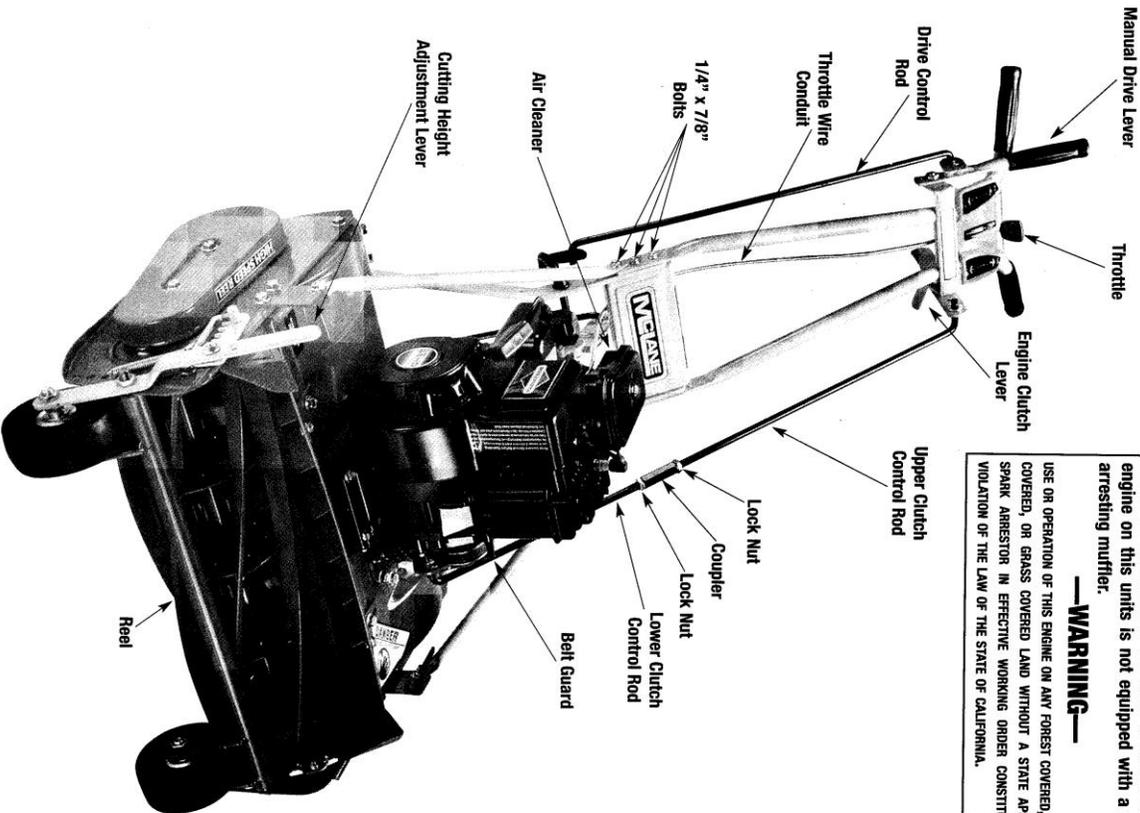
1. Check blade and engine mounting bolts at frequent intervals for proper tightness.
2. Keep all nuts, bolts, and screws tight to be sure equipment is in safe working condition.
3. Never store equipment with gasoline in the tank inside of a building where fumes may reach an open flame or spark. Allow engine to cool before storing in any enclosure.
4. To reduce fire hazard keep engine free of grass, leaves or excessive grease.
5. Check grass catcher frequently for wear or deterioration.

### TWO YEAR LIMITED WARRANTY

For two years from purchase (60 days for commercial use), McLane Manufacturing, Inc., will replace for the original purchaser, free of charge, any part or parts, found upon examination by any factory authorized service center, or by the factory in Paramount, California, to be defective in material or workmanship or both. All transportation charges on parts submitted for replacement under this warranty, must be borne by purchaser. There are no other expressed warranties. Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to two years from purchase and to the extent permitted by law. Any and all implied warranties are excluded. This is the exclusive remedy and liability for consequential damages. Any and all warranties are excluded to the extent exclusion is permitted by law. Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion limitation of consequential damages, so the above limitation and exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. It is your responsibility to follow the maintenance instructions described in the owner's manual. Routine service (cleaning, blade sharpening) is your responsibility. Defect of engine is covered by manufacturer of engine.

**Note:** Operator abuse and improper assembly of product is not covered by any written or implied warranty. Read your owner's manual carefully.

McLane Manufacturing, Inc.



**Notice to customers in the State of California.** The engine on this unit is not equipped with a spark arresting muffler.

**—WARNING—**

USE OR OPERATION OF THIS ENGINE ON ANY FOREST COVERED, BRUSH COVERED, OR GRASS COVERED LAND WITHOUT A STATE APPROVED SPARK ARRESTOR IN EFFECTIVE WORKING ORDER CONSTITUTES A VIOLATION OF THE LAW OF THE STATE OF CALIFORNIA.

# OPERATION

## CUTTING HEIGHT ADJUSTMENT

The cutting height is adjustable from 1/4" x 1-1/2". The front wheel assembly bar may be moved in 3-holes on the side panels to adjust the height. (Refer to FIG. 13) The two top cutting height adjustment holes, A & B are used for all height adjustments except for the 1-1/2" height. Hole C is only used for the 1-1/2" adjustment.

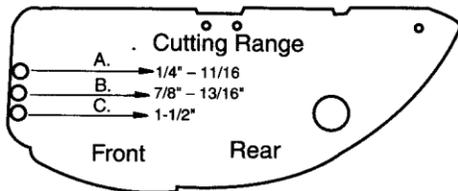


Figure 13

Lift lever as shown (Fig 14) and adjust height by repositioning notched bracket.

## Rear Axle Positions

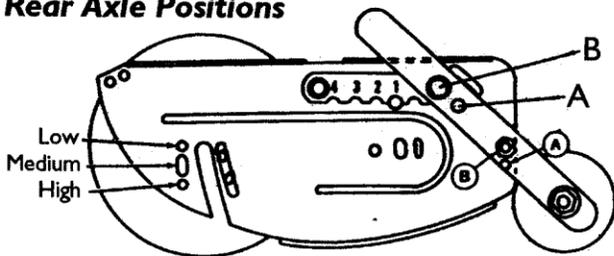


Figure 14

LEVER POSITION		HEIGHT		
		A	B	C
Notch No. 1	SCALPING	1/4"	7/8"	—
Notch No. 2		7/16"	1"	—
Notch No. 3		5/8"	1-1/8"	—
Notch No. 4		1-1/16"	1-3/16"	—
Notch No. 4		—	—	1-1/2"

## NOTE:

When using A or B hole in the side panel (Fig.13) the notched lever (Fig. 14) must be changed to A or B hole also. When using the C hole in the side panel, place the notched adjusting lever in the B hole.

## REAR AXLE ADJUSTING:

The rear axle height positions may be changed by the mower owner, however, due to the mechanics involved it is recommended the procedure be done by an Authorized McLane Service Center.

The mower is shipped with axle in the middle position and the cutting heights listed above are achieved with the axle in this position. The rear axle must be lowered to the high position (Fig. 14) to achieve the 1-1/2" cutting height.

## REAR AXLE ADJUSTING INSTRUCTIONS:

1. Drain the gas and oil from the engine. Turn mower so the front wheels and the engine are resting on the ground or work benchtop.
2. Refer to Fig. 14A
  - A. Remove chain guard—No. 20
  - B. Remove side plate chain—No. 21
  - C. Remove clutch drive chain—No.15 and add (2) chain links. They can be purchased from the factory or McLane Service Center. Part No. 5016
  - D. Remove (8) retainer bolts—No.12
  - E. Loosen (8) hanger bolts—No. 13
3. Move Axle outward until retainer bolt hole aligns with the high hole in the side plate. (Fig. 14)
4. Replace and tighten (8) retainer bolts.
5. Tighten (8) hanger bolts.
6. Replace side plate and clutch drive chains.
7. Refill oil and gasoline.

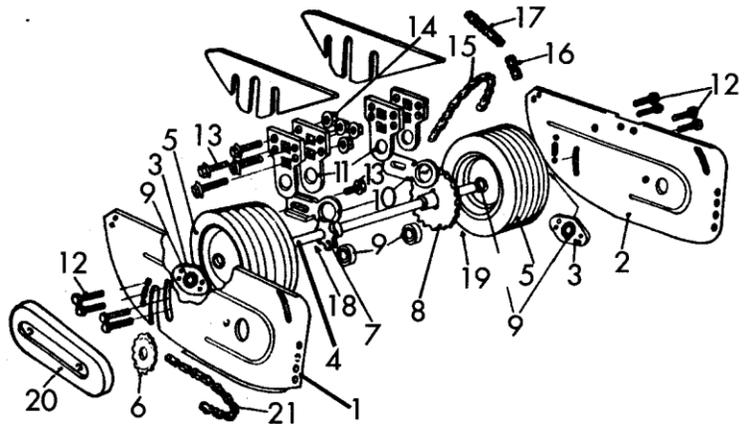


Figure 14A

# OPERATION

**CAUTION:** To avoid possible damage to front wheels do not start mower before setting height adjustment. Notched height bracket at right front of mower (Fig. 14) must be placed at desired cutting height position.

## HOW TO USE YOUR MOWER THROTTLE CONTROL:

The engine speed is controlled by the throttle lever located at the top of the handle. The lever also controls starting and stopping.

## DRIVE CLUTCH LEVER:

This lever is located on the left side of the mower and when raised, engages the clutch which drives the reel. For safety, when the lever is released, the reel and mower stops immediately.

## MANUAL DRIVE LEVER:

The drive lever is located on the right side of the handle. When pushed forward the drive wheel engages the ground and drives the mower. Activated the clutch lever first, then the drive lever to propel mower forward.

## STARTING THE ENGINE

1. Before starting refer to engine manual for detailed engine manufacture's instructions
2. Move engine choke lever to choke position. Pull rewind starter handle rapidly. repeat if necessary. Move throttle down to running position.
3. Lift engine clutch control and hold against handle to engage reel (Fig. 15).
4. Move drive control to DOWN position to move forward.
5. To disengage reel drive, immediately release control lever.
6. To stop engine move throttle lever to STOP position (Fig 15).

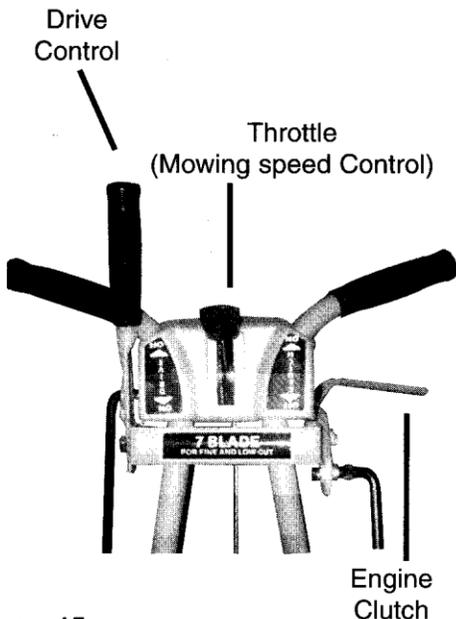


Figure 15

## HOW TO USE THE CONTROLS AND WHAT THE CONTROLS DO

1. From the operators position which is behind the lawn mower, engages the cutting blade.
2. The control in the middle regulates the speed of the engine.
3. The control lever on the right engages the self-propelled mechanism.

## TURN THE PRODUCT OFF

1. The Engine—push the middle control all the way towards operator to stop.
2. Cutting Blades—release the handle on the left side.
3. The Self-Propelled Mechanism—release the handle on the left side also.

**! CAUTION !**

The Operation of any lawn mower can result in foreign objects thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields before starting your lawn mower and while mowing. We recommend Wide Vision Safety Mask for over the spectacles or standard safety glasses.

**! CAUTION !**

Before starting engine, become familiar with all controls. Read this Operator's Manual thoroughly. Always check engine oil level before starting engine.

**! CAUTION !**

Care should be taken to avoid inhaling exhaust gases as they contain carbon monoxide gas which is colorless and odorless. Carbon monoxide is a dangerous gas that can cause unconsciousness and is potentially lethal. Do not run engine in confined areas such as a closed garage.