

**Lawn Mower**

**Type of Equipment:** Walk Behind Power Mower  
**Make:** Lawn Boy **Model:** 12A-567B515-060-1610-8 **Year:** 1995

Instructions to use the Equipment Safely:  
 Rotary Power Lawn Mowers – Procedures  
 Staff should read, understand and follow the manufacturer’s operating manual. Staff should request in-service from the supplier when purchasing a new lawn mower. Know the controls and how to stop the machine quickly  
 Wear long pants, close fitting clothes and non-slip safety toe footwear (no sandals or sneakers).  
 Wear hearing and eye protection  
 Check the yard before mowing to clear the area of debris.  
 Insure all guards and shields are in place and working properly  
 Before re-fueling insure the motor is shut off and the engine has cooled down.  
 Wipe up any spillage and re-start mower at least 25 feet from re-fueling area.  
 Store gasoline outside and away from a heat source  
 When using an electric mower use the recommended ground extension cord  
 Keep hands away from blade. Use a stock to unclog or remove grass from the mower (after mower has been turned off)  
 Mow away from power cord if using an electric mower

**Inspection (pre-use) check list**

Thoroughly review and understand information provided in the power lawn mower operator’s manual with particular attention given to descriptions of safety procedures. Before using, always inspect the power lawn mower for damage or disrepair and make sure all shields and guards are securely in place.  
 If a power lawn mower fails the pre-use inspection, notify your supervisor and remove the mower from service by attaching

PRE-USE INSPECTION LOG		
Date:	Time:	
Weather conditions:		
Ground conditions:		
	Yes	No
Read the Operating Manual		
Area inspected and obstacles removed		
Control bar released		
Wear proper clothing, including long pants		
Safety glasses worn		
Hearing protection worn		
Know how to stop the machine		
Insure all guards and shields are in place		

Inspector’s signature: \_\_\_\_\_

**Type of Equipment:** Riding Lawn Mower

**Make:** Toro-Vanguard **Model:** Z597-D-Z

**What are some safety tips when using riding lawn mowers?**

**Training**

- Read, understand, and follow the instructions in the manufacturer's operating manual.
- Ensure you have been fully trained on how to operate the mower. Be aware of the mower's safety features, including how to stop the mower quickly in case of an emergency.
- Test ride the machine and become familiar with it before engaging the mower blade.

**Personal Protective Equipment**

- Wear hearing and head protection and safety glasses.
- Wear close-fitting clothes, and sturdy, non-slip safety toe footwear (no barefeet, sandals or sneakers!)
- Portable music players are not recommended since they are a distraction.
- Check that the tractor is equipped with a rollover protective structure (ROPS) and a seat belt. If not, have it retrofitted for one. In Ontario, tractors over 20 horsepower require a ROPS.

**Preparing the area**

- Clear the work area of debris, sticks, stones, toys, etc. that might be thrown by the blades. Lawn mowers blades can throw out hit material at about 91 metres per second (300 feet per second) or 330 kilometres per hour (200 miles per hour).
- Ensure grass is dry.

**Preparing the mower**

- Maintain mower and attachments in good operating condition. An annual inspection by an experienced technician is a good idea.
- Keep safety devices and guards in place. The operator-presence switch should stop the mower immediately when you release the control.
- Inspect the mower prior to starting. Make certain that the blade is sharp and secure.
- Check that the power take off, mower input driveline, drive belts, chains, and gears are all properly guarded. Repair or replace if necessary.
- Set mower at the highest cutting point when operating on rough ground before starting the mower.
- Run the engine at the lowest speed that will do the job (reduces force of thrown objects).
- Check the blade-mounting bolts frequently for tightness.
- Check grass catcher bags for wear. Replace worn bags.

- Add gasoline when the mower is turned off and the engine is cool. Do not smoke when refueling!
- Restart engine at least 8 metres (25 feet) from where you refueled to avoid igniting vapours.
- Store gasoline safely - outside and away from any heat source.

#### **Mowing tips**

- Disengage all attachment clutches and shift mower into neutral before attempting to start the engine.
- Only start the mower when seated in the driver's seat.
- Look behind mower when backing up for children, pets or obstructions. Back up only minimal distances.
- Mow straight up and down slopes rather than sideways for greater stability (unless mower is counter-balanced).
- Reduce speed on slopes and when making sharp turns to prevent tipping or loss of control.
- Watch for rocks, holes and other hazards, including tree limbs or shrubs at eye level.
- Mow very tall grass twice at 90-degree angles if possible.
- Mow only in daylight.
- Stop and inspect the blades and shaft if the mower runs into a rock or stump. Damaged blades can cause vibration and vibration can loosen the blades.
- Keep the discharge chute pointed away from buildings, people, and animals.
- Keep hands and feet away from all moving parts.

#### **What should I be aware of when pulling loads?**

Pull loads as follows:

- Use approved hitch points.
- Limit load weight and size to what is recommended by the manufacturer.
- Do not turn sharply.
- Use counterweights as recommended by manufacturer.

#### **Before making any repairs or adjustments, what should I do?**

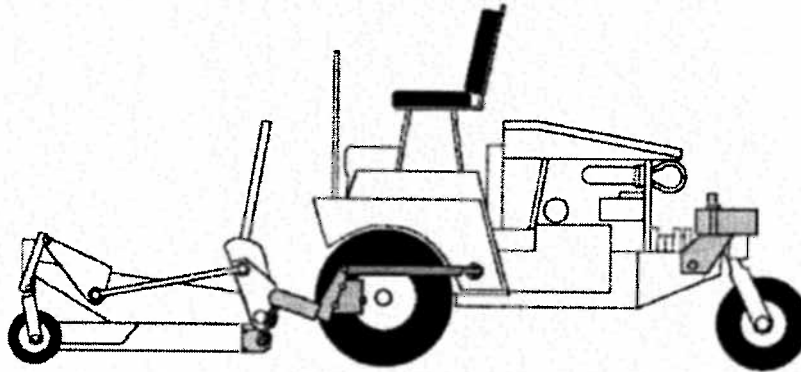
Disengage power to attachments and stop the motor before leaving operator's position or making any repairs or adjustments by:

- setting the brakes;
- putting the transmission in park, if possible;
- turning off the ignition and removing the ignition key;
- disconnect the spark plug to insure that the engine cannot start for any reason.

If it is unavoidable that you have to stop on a slope, chock in the front and back of a "drive" wheel to prevent the mower moving unexpectedly.

#### **What should I avoid doing when using a riding lawn mower?**

- Do not use mower on a very steep slope. The mower may tip or roll over, causing serious injury.
- Do not drive too close to a creek or ditch.
- Do not remove grass catcher or unclog chute with the motor running.
- Do not leave mower on a slope.
- Do not carry passengers.
- Do not stop or start suddenly when going uphill or downhill.
- Do not run the engine indoors.
- Do not mount or dismount while the mower is running. There is sufficient space for your toes to pass under the mower housing and be struck by the blade.
- Do not leave a lawn mower unattended if the engine is running (even if the blade is not turning).
- Do not touch hot motor parts.



# Pre-Use Inspection Log

Task <i>Perform task at hourly or calendar interval.</i>	Daily	100 Hours	150 Hours	200 Hours	300 Hours	600 Hours	800 Hours	Yearly
Check oil level	✓							
Check for oil leaks	✓							
Change oil			✓*					✓***
Change oil filter					✓*			
Check coolant	✓							
Change coolant								✓
Check fan belt		✓						
Service air cleaner		✓*				✓**		
Check valve clearance						✓		
Check battery electrolyte				✓				
Change fuel filter element							✓****	

- \* Perform first maintenance operation after 50 hours. All subsequent maintenance performed at this interval, unless specified. Service more often when operating under heavy load or in high temperatures.
- \*\* Replace after every 600 hours of operation. Service more often when operating under heavy load or in high temperature.
- \*\*\* Perform annually if operated less than 100 hours.
- \*\*\*\* Follow manufacturer's maintenance schedule if non-Briggs & Stratton approved part is used.

TORO 2597-D-2 *Martin Lowman*

## DAILY CHECKS

### OIL

Before starting engine, check oil for correct level. See page 6 of this manual for instructions on checking and adding oil.

#### CAUTION:

Used oil is a hazardous waste product. Dispose of used oil properly. Do not discard with household waste. Check with your local authorities, service center, or dealer for safe disposal/recycling facilities.

### CONTROL PARTS

To assure smooth operation, keep injector pump linkage, springs and controls free of debris. Linkage should move freely. Depending on use, this may need to be performed more often.



#### WARNING



Engine parts should be kept clean to reduce the risk of overheating and ignition of accumulated debris.

#### CAUTION:

Do not use water to clean engine parts. Water could contaminate fuel system. Use a brush or dry cloth.

### MUFFLER



#### WARNING



Before running engine, clean muffler and manifold areas to remove all grass and combustible debris. Depending on use, this may need to be performed more often.

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Inspector's Signature: \_\_\_\_\_