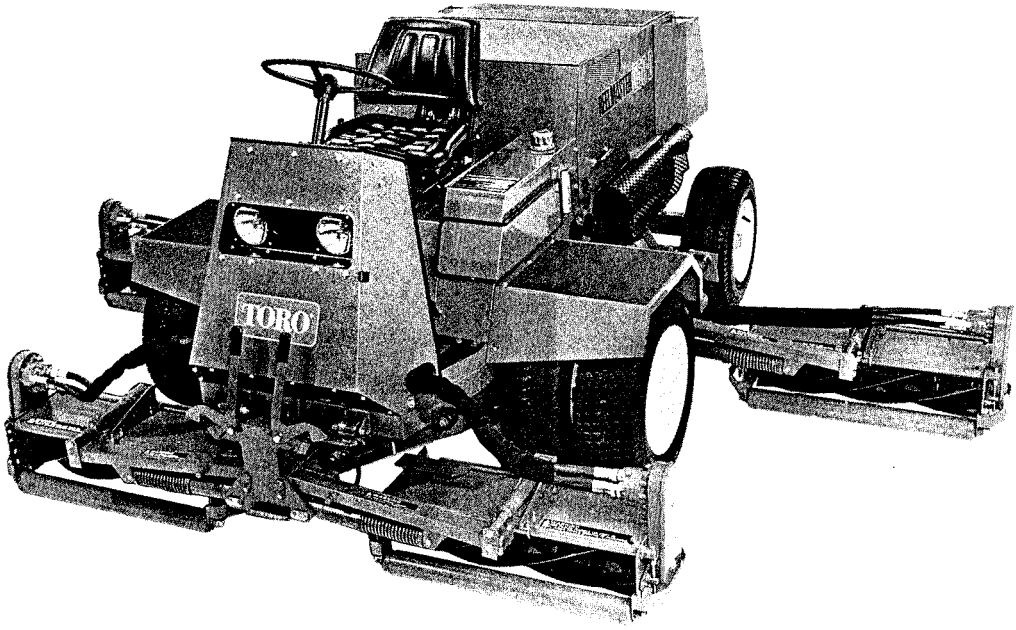
FORM NO. 3312-494

TORO®

MODEL NO. 03605-50001 & UP

OPERATOR'S GUIDE

REELMASTER 350D



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SAFETY INSTRUCTIONS

1. Read this operator's guide. Do not operate machine without proper instruction.

2. Remove all debris or other objects that might be picked up and thrown. Keep by-standers away from operating area.

3. Keep all shields and safety devices in place. Repair or replace defective or damaged parts before operating. Tighten all fasteners to ensure machine is in safe operating condition.

4. Do not wear loose fitting clothing because it could get caught in moving parts. Always wear long pants and substantial shoes. Wearing safety glasses, safety shoes and a helmet is advisable.

5. Check the interlock switches daily for proper operation. If a switch should fail, replace the switch before operating the machine.

6. Fill fuel tank with fuel before starting the engine. Avoid spilling any

fuel. Since fuel is flammable, handle it carefully. Use an approved fuel container. Do not fill fuel tank when engine is hot or running. Do not smoke while handling fuel. Fill fuel tank outdoors to about 1 inch (25mm) from the top of the tank – not the filler neck. Wipe up any spilled fuel.

7a. Before starting the engine: sit on the seat, set parking brake, make sure traction pedal is in neutral and reel speed control is in "OFF".

7b. After engine is started, release parking brake and keep off traction pedal. Machine must not move. If movement is evident, the neutral return mechanism is adjusted incorrectly; therefore, shut engine off and adjust until machine does not move when traction pedal is released. Refer to Adjusting Traction Control Linkage, page 13.

8. Do not run the engine in a confined area without adequate ventilation. Exhaust is hazardous and could be fatal.

9. Operate only in daylight or when there is good artificial light. Do not drive close to holes, a sand trap, ditch, creek or other hazard. Watch for hidden hazards. Reduce speed when turning. Avoid sudden stops and starts. Never carry passengers.

10. Traverse slopes carefully. Do not start or stop suddenly.

11. Raise the cutting units and secure safety locks when transporting.

12. If cutting unit strikes a solid object or machine vibrates abnormally, move Reel Speed Control to off, move throttle to slow, set parking brake and shut engine off. Remove key from switch. Check for damage or defective parts and repair before operating.

13. Do not touch engine, muffler or radiator while engine is running or soon after it is stopped. These areas could be hot enough to cause a burn.

14. Make sure engine is stopped, key is removed from ignition and parking brake is set, whenever machine is left unattended.

15. Before getting off the seat, remove foot from traction pedal. Set parking brake. Move Reel Speed Control to Off. Shut engine off and remove key. Wait for all movement to stop before dismounting.

16. Remove key from ignition switch to prevent accidental starting when servicing, adjusting or storing machine.

17. To reduce potential fire hazard, keep engine free of excessive grease and debris.

SPECIFICATIONS

PRODUCT

Engine — Mitsubishi model, 4 cycle, 4 cylinder, water cooled diesel 127 Cu. In. (2.1 liter) displacement, 21:1 Compression ratio, 38hp at 2250rpm, high idle speed of 2500rpm. 7.4 qt. (7 liter) oil capacity with replaceable filter. Heavy duty 3 phase air cleaner.

Cooling System — Tube and fin radiator construction, with separate hydraulic oil cooler to the rear of radiator.

Fuel Tank — Approximate Capacity 15 gallons (58 liters).

Electrical — Heavy duty 84 amp hour battery. 12 volt negative ground, 35 amp alternator with integral regulator. Electric solenoid on injection pump operates shut off device to stop fuel flow, thereby stopping engine.

Tires — Front, 27x8.50-15, Rear 23x 8.50 - 12.

Tire Pressure — 12P.S.I. (0.84 Kg/Cm2).

Brakes — 12" hydraulically actuated drum brakes.

Ground Speed — 7.5mph (0-12Km/hr) in "MOW", 15mph (0-24Km/hr in "Transport".

Transmission — All hydraulic using a variable displacement tandem hydrostatic pump.

Hydraulic Oil Reservoir -- Capacity is 12 gallons (46 liters).

Cutting Units — 8in. (203mm) cutting diameter, 5 or 7 blade, 29.6in. (752 mm) width. Heavy duty welded construction.

Height-of-Cut — 3/8inch to 3 inches (10mm to 76mm).

Width-of-Cut —137 inches (348Cm.).

Cutting Unit Lift System — Hydraulic with mechanical safety locks for transporting.

FLUIDS

ENGINE OIL	
SAE 10W30	Year Round
FUEL	
No. 2 Diesel Fuel	Year Round
COOLING SYSTEM	
50/50 Solution water and Anti-Freeze	Year Round
HYDRAULIC SYSTEM	
SAE 10W40 or SAE 10W30	Year Round

ASSEMBLY INSTRUCTIONS

INSTALL TIPPER BRACKETS

#2 and #3 Cutting Units

1. Remove rear inside self-tapping screws securing frame cover to frame.
2. Align tipper brackets with mounting holes in cover and frame. Brackets should be so that square end of bracket is toward end of cutting unit (Fig.1).

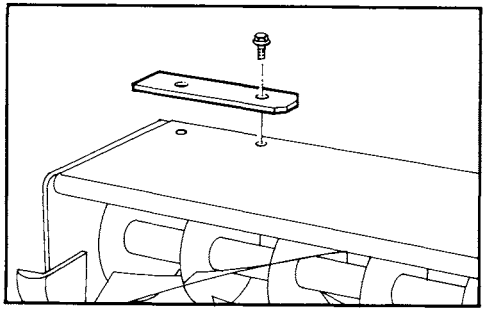


Figure 1

3. Secure brackets to frame and cover with selftapping screws.

#4 and #5 Cutting Units

1. Remove rear inside self-tapping screw securing frame cover to frame.
2. Insert tipper bracket shaft into rear crosstube (Fig. 2).

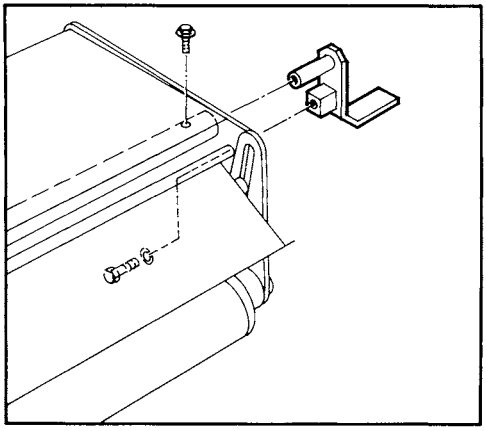


Figure 2

3. Secure tipper bracket from inside of side plate with cap screw and lock washer.
4. Secure tipper bracket shaft to crosstube with self-tapping screw previously removed.

INSTALL CUTTING UNIT

1. Remove shipping brackets securing cutting unit motors to lift arms.
2. Reinstall cap screw, lock washer, and nut to lift arm. Torque cap screw to 20-22 ft lb (2.6-3.0 Kgm).
3. Position cutting units beside respective lift arms.
4. Loosely secure skids or roller kits to cutting units, allowing removal of drive belt covers. See mounting instructions supplied with kits.
5. Loosely mount cutting units to lift arm pivot brackets with U-bolts, lock washers and nuts (Fig. 3). Each cutting unit should be positioned so there is 14.0-15.0 inches (35.6-38.1 cm) from inside of outermost side plate to center of cutting unit pivot pin (Fig. 4).

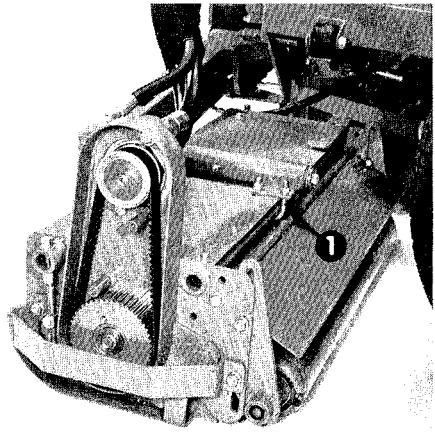


Figure 3

1. U-Bolts, Lock washer and Nut

ASSEMBLY INSTRUCTIONS

Note: After installing cutting units check to make sure they are positioned as follows:

a. Dimension from outer end of reel blade on #2 cutting unit to outer end of reel blade on #3 cutting unit to be 83.0-84.0 inches (2.11-2.13m) (Fig. 4).
b. Dimension from outer end of reel blade on #4 cutting unit to outer end of reel blade on #5 cutting unit to be 137-138 inches (3.47-3.49m) (Fig. 4).
c. Readjust if necessary.

6. Parallel cutting units to pivot brackets and tighten U-bolts.

7. Remove (2) cap screws securing drive belt cover to drive plate housing and remove cover.

8. Remove (2) locknuts securing shipping cover to drive plate housing and remove cover. Do not remove drive plate shield.

9. Loosely mount reel drive motor to drive plate with locknuts previously removed. Case drain port to be positioned up and forward.

10. Position drive belt on pulley and rotate motor to tighten belt. Belt tension to be adjusted to provide 1/8 in. (3mm) deflection when 7 lbs. (3kg) force is applied against belt midway between pulleys. Tighten cap screw when belt is properly adjusted.

11. Reinstall drive belt cover and complete installation and adjustment of skids or rollers.

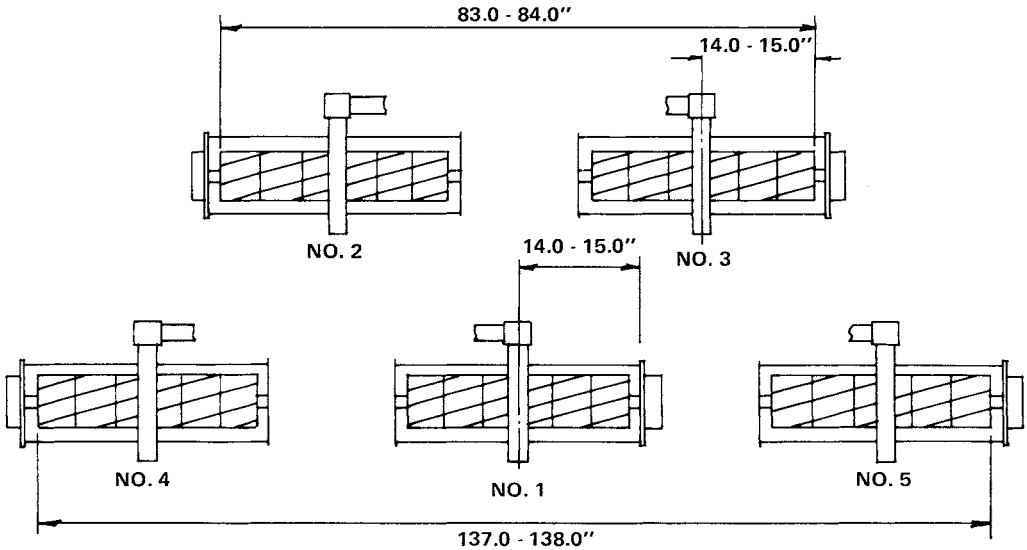


Figure 4

CONTROLS

Traction Pedal —To move forward, depress top of pedal to increase speed and bottom of pedal to decrease speed. When reverse is desired, pedal must be returned to neutral and used in conjunction with Reverse Lockout Pedal (Fig. 5).

Reverse Lockout Pedal—Used in conjunction with traction pedal to achieve reverse. With traction pedal in neutral, press down on reverse lockout pedal, then press down on rear of traction pedal while holding down reverse lockout pedal (Fig. 5).

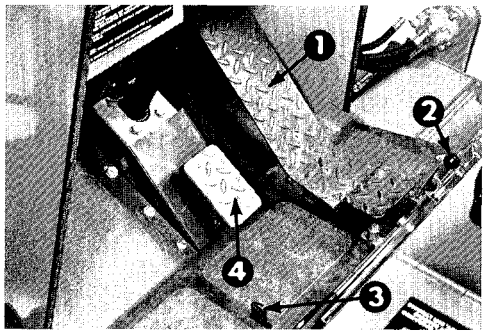


Figure 5

1. *Traction Pedal*
2. *Ground Speed Control*
3. *Reverse Lockout Pedal*
4. *Service Brake*

Throttle Control — Push control forward to increase engine speed, pull control rearward to decrease speed (Fig. 6).

Service Brake — Press down on brake pedal to actuate drum brakes on wheels.

Parking Brake — Engage parking brake whenever engine is shut off. To release brake, press in button on handle, pull up slightly to release brake and push handle down to its fully released position (Fig.6).

Traction Speed Selector — Position control in "Mow" position for mowing operation. Position control in Transport position for transport. Cutting units are disengaged and maximum ground speed is doubled in Transport. Reel Speed control must be in off position and traction pedal in neutral to shift control (Fig. 6).

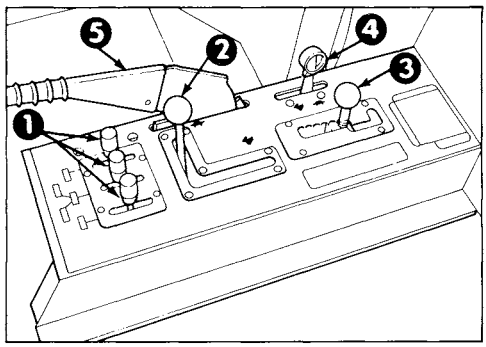


Figure 6

1. *Cutting Unit Lift Controls*
2. *Traction Speed Selector*
3. *Reel Speed Control Lever*
4. *Throttle Control*
5. *Parking Brake*

Ground Speed Control Lever — Control limits traction pedal movement, assists in providing accurate control of length of clip and eliminates speed variation on rough terrain. See decal on control panel for proper speed selection (Fig.5).

Reel Speed Control Lever — Regulates reel speed and has six positions: OFF, 1, 2, 3, 4, and Backlap. Reel speed lever works in conjunction with Ground Speed control to achieve the appropriate rate of clip (Fig. 6).

Cutting Unit Lift Controls — Raise outside cutting units independently, and three middle cutting units at once. Individual reel shutoff upon lifting (Fig. 6).

CONTROLS

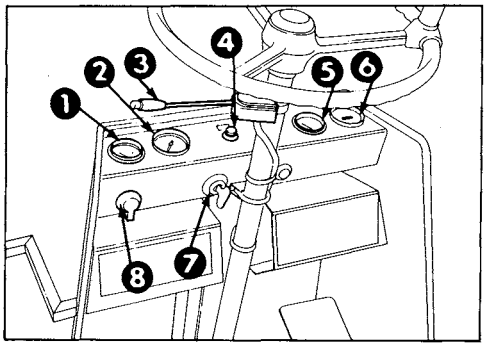


Figure 7

1. *Fuel Gauge*
2. *Oil Pressure Gauge*
3. *Turn Signal (optional)*
4. *Electrical Charge Indicator*
5. *Temperature Gauge*
6. *Hour Meter*
7. *Ignition Switch*
8. *Light Switch*

Fuel Gauge – Indicates quantity of fuel remaining (Fig. 7).

Oil Pressure Gauge – Indicates the amount of oil pressure in the engine. (Fig. 7).

Temperature Gauge – Indicates the operating temperature of the engine. (Fig. 7).

Hour Meter – Registers hours of engine operation (Fig. 7).

Electrical Charge Indicator – Indicates when battery is discharging (Fig. 7).

OPERATING INSTRUCTIONS

STARTING/STOPPING

IMPORTANT – The fuel system must be primed on initial start up of a new engine, if engine has ceased running due to lack of fuel, or if maintenance has been performed to fuel system.

PRIMING INSTRUCTIONS

1. Loosen plug on top of fuel filter, loosen cap (approx. 2 times) on priming plunger, pump priming plunger until all air or bubbles are forced out of fuel filter. Tighten fuel filter plug during pressure stroke of priming plunger (Fig. 8).

2. Loosen the two air vent plugs on engine, pump priming plunger until all air or bubbles are forced out of system. Tighten air vent plugs on engine (Fig. 8).

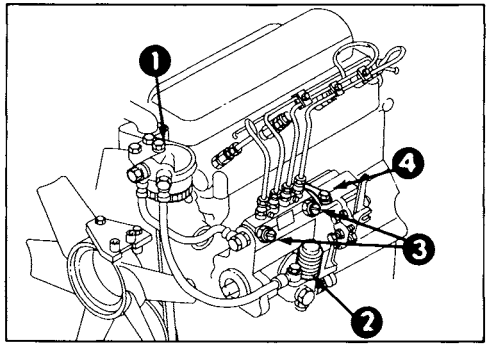


Figure 8

1. *Fuel Filter Plug*
2. *Priming Plunger*
3. *Air Vent Plugs*
4. *Injection Pump Lever*

STARTING

1. Move Reel Speed Control to "OFF", remove foot from traction pedal and insure it is in neutral position.

2. Depress brake pedal and set throttle to full position.

3. Turn key to preheat position, and hold in this position for 15-45 seconds depending on atmospheric temperatures.

NOTE: **Preheat may not be necessary during warm weather or when starting a warm engine.**

4. Turn key to start position.

STOPPING

1. Turn key to "OFF" position and remove key.

NOTE: **If ignition system fails to stop engine when key is turned to "OFF", diesel engine may be manually stopped by pushing injection pump lever forward, toward shut-off solenoid. Do not touch engine area around lever as it could be hot enough to cause a burn (Fig. 8).**

CHECK INTERLOCK SWITCHES

1. Position Reel Speed Control in "OFF" and traction pedal in neutral. While sitting on seat start engine, engine should start.

2. With engine running, lower reels and engage Reel Speed Control to Mow position, reels should turn. Carefully lift off seat, engine should stop. Check also in backlap position.

3. Sit on seat, start engine, depress traction pedal slowly forward and lift off seat. Engine should stop. Test in reverse also.

4. Stop engine. Move traction pedal forward. Engine should not start. Test also in reverse.

5. Stop engine. Move Reel Speed Control to #1 position. Engine should not start. Test also in Backlap position.

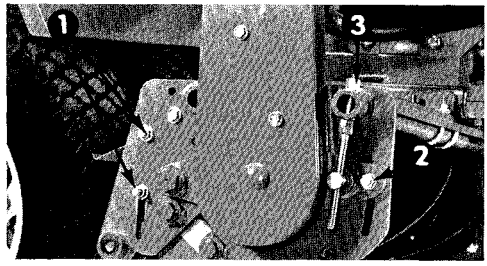


Figure 9

1. *H.O.C. Adjusting Nuts*
2. *Reel Adjusting Clamping Nut*
3. *Reel to Bedknife Adjusting Screw*

ADJUSTING HEIGHT-OF-CUT

INITIAL

1. Position traction unit on a flat level surface and shut off engine.

2. Loosen nuts securing skids or front roller to side plates and raise to highest position. Loosen nuts securing rear roller to side plate and lower roller beyond expected setting for desired height-of-cut. Tighten roller mounting nuts only enough to support cutting unit when lowered, but loose enough to allow cutting unit to be lowered when lightly tapped.

3. On a flat surface, such as a 3/4" (19mm) thick piece of plywood, lower cutting unit.

4. Position a metal gage block, the same height as the desired height-of-cut, on the flat surface against the front edge of one end of bedknife.

5. Gently tap end of cutting unit frame downward until cutting edge of bedknife is flush with top of gage block. Repeat procedure on opposite end of bedknife and tighten upper roller mounting nuts.

6. If front roller is used, lower roller to flat surface and secure. If skids are used, adjust them approximately ¼" (6mm) above ground surface or as

required to prevent making turf during operation.

7. After initial set-up of cutting unit, height-of-cut may be changed using gauge marks on side plates as reference.

ADJUSTING REEL TO BEDKNIFE

1. Loosen reel adjustment clamping nut on each side ¾ turn (Fig. 9).

2. Turn adjusting screws clockwise to tighten reel to bedknife.

   a) Check to make sure reel and bedknife are parallel.
   b) Tighten until reel will cut newsprint cleanly the full length of reel while having "light contact" between reel and bedknife.

3. Retighten reel adjustment clamping nut, using caution not to change adjustment.

BACKLAPPING

Use a good grade of medium grit (80) commercial lapping compound with a water soluable carrier to assure the compound will be easily washed away at the completion of the operation. Dry lapping compound should be mixed with liquid detergent until it is of a free-flowing consistency.

NOTE: Paste-type, pre-mixed lapping compound is also sold in some areas. This is generally used in its original composition and therefore is not free-flowing.

1. Two persons are necessary to perform the backlapping operation, one to work the controls and one to apply lapping compound.

2. Engage the parking brake, block the front wheels, start the engine and lower the cutting unit to be backlapped. Make a precise bedknife to reel adjustment to assure the bedknife is parallel with the reel and light contact is evident.

3. Have assistant on seat start engine and adjust throttle control to Slow throttle setting.

4. Dip 3 in. (76mm) paint brush attached to Toro part No. 29-9200 Handle Assembly into lapping compound, stand clear of cutting units and instruct assistant to engage reel in backlap mode.

⚠ DANGER

UNDER NO CIRCUMSTANCES USE A SHORT HANDLED PAINT BRUSH.

5. Apply lapping solution evenly over full length of reel assuring all reel blades are covered. Re-apply lapping solution whenever noise of reel operating against bedknife begins to disappear or when reel appears to have uneven concentrations of material.

6. Adjust, when necessary to maintain light contact between the reel and bedknife.

⚠ DANGER

DO NOT ADJUST CUTTING UNITS WHILE REELS AND ENGINE ARE OPERATING. INSTRUCT ASSISTANT TO STOP REEL AND SHUT ENGINE OFF WHEN ADJUSTMENT IS NECESSARY.

7. Backlap until the cutting edges are sharp, even, and consistant on all reel blades. A 1/32 inch (0.79mm) minimum land area must be achieved on newly sharpened reel assemblies.

8. Stop the reel and shut off the engine upon completion. Lightly pass a fine file across the front face of bedknife to remove any burr and wash

the units thoroughly of all lapping material with a low pressure stream of water.

9. Check the sharpness of the reel and bedknife with strips of newsprint. The paper should be cleanly sheared across the entire width of the bedknife and reel with light contact. Continue backlapping if newsprint is not sheared acceptably.

10. Repeat procedure on remaining cutting units.

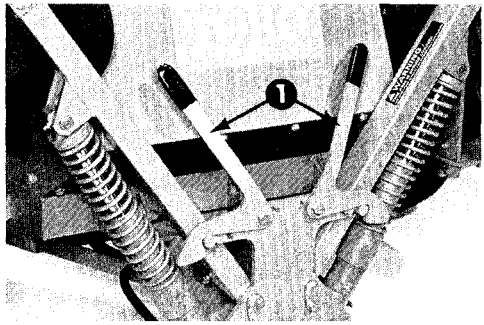


Figure 10

1. Cutting Unit Lockup Latches

CUTTING UNIT LOCKUP LATCHES

Allows cutting units to be individually latched in a raised position for transport (Fig. 10).

LOCKOUT HUBS

Disengages front wheel from wheel motors allowing machine to be towed or pushed around shop.

MAINTENANCE

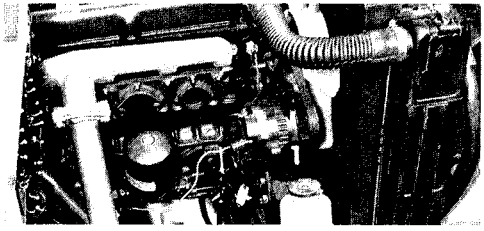


Figure 11

1. Engine Oil Dipstick

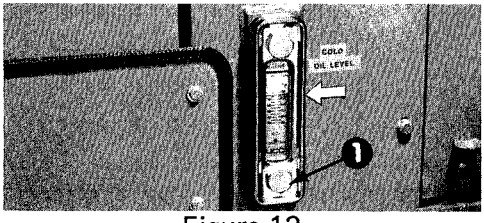


Figure 12

1. Sight Gauge

Figure 13

1. Overflow Bottle

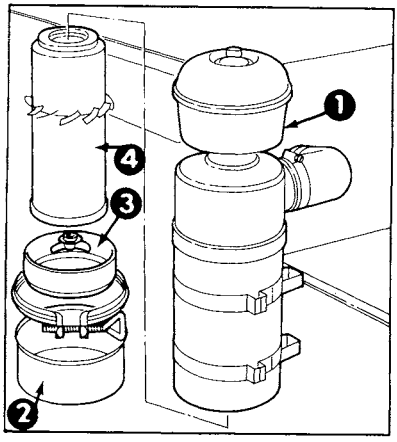


Figure 14

1. Dust Bowl
2. Dust Cup
3. Baffle
4. Filter Element

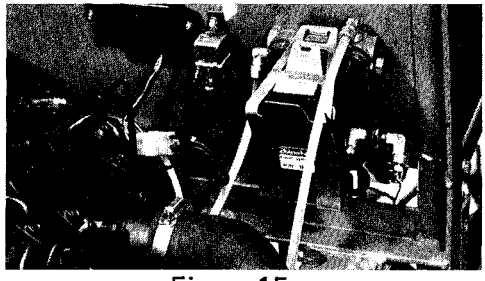


Figure 15

1. Water Seperator

MAINTENANCE

DAILY MAINTENANCE			
Maintenance	**Fig. No.**	**Daily**	**Specification**
Check Interlock System		Daily	Verify Operation of Switches.
Check Engine Oil Level	11	Daily	Read Level on Dipstick. See Specifications.
Check Hydraulic System Oil Level	12	Daily	Read Level on Sight Gauge. Midway in Glass When Cold. See Specifications.
Check Radiator and Coolant	13	Daily	Clean Radiator Fins and Check Coolant Level in Overflow Bottle. See Specifications.
Service Air Cleaner	14	Daily	Clean Air Cleaner Dust Cup.
Check Water Seperator	15	Daily	Visual Inspection.
Check Bedknife Adjustment	9	Daily	Adjust if Required.
Check Brake Operation		Daily	Verify Operation.

PERIODIC MAINTENANCE		
Maintenance	**Interval (hours)**	**Specification**
Check Alternator and Fan Belt Tension (Initial)	5	Check Tension and Condition.
Replace Hydraulic Oil Filters (High and Low Pressure (Initial)	10	See Parts Manual for Filter Numbers.
Tighten Front Wheel Nuts (Initial)	10	Torque to 80-90 ft. (11-12 Kgm).
Change Engine Oil & Filter Element (Initial)	60	See Specifications.
Check Cutting Unit Belts (Initial)	60	Check Tension and Condition.
Check Battery	60	Check Electrolyte Level and Condition.
Lubricate Grease Fittings	60	No. 2 General Purpose Lithium Grease.
Check Tire Pressure	60	Air Pressure Front and Back 12 psi (83 KPA).
Service Air Cleaner	60	Clean Dust Cup and Baffle.
Check Fasteners	60	Inspect for Loose Fasteners, Tighten as Necessary.
Change Engine Oil	100	See Specifications.
Change Engine Oil Filter	100	See Parts Manual for Cartridge No.
Check Engine Belts	100	Check Tension and Condition.
Check Hydraulic Lines, Hoses and Fittings.	100	Inspect Condition and for Loose Fittings.
Cutting Unit Belts	250	Check Tension and Condition.
Service Air Cleaner	250	Clean by Compressed Air or Washing Method. (Filter Cleaner, Toro Part No. 27-7220). Replace After 6 Cleanings or Annually.
Change Hydraulic Oil and Filters (High and Low Pressure)	250	See Parts Manual for Filter Nos.
Check Rear Wheel Toe-In	250	Adjust to Achieve 0-1/8" Toe-In.

MAINTENANCE

ADJUSTING TRACTION CONTROL LINKAGE

1. Park vehicle on a level surface, raise and lock cutting units and turn engine off.

2. Block right front tire and both rear tires so vehicle cannot roll forward or backward.

3. Jack up frame so left front wheel is off the shop floor. Use a jackstand to support the frame.

4. Start engine and allow it to idle for 5 minutes to heat oil in transmission to operating temperature. Move traction speed lever to "MOW" position.

5. Check left front wheel that is off shop floor. Wheel must not be rotating. Verify the adjustment with throttle in Slow and Fast positions. If wheel is rotating proceed to step 6 for adjustment. If wheel is not rotating, stop engine.

6. Apply pressure to traction pedal seating it against reverse lockout mechanism. If wheel rotation stops, stop engine and adjust collar between the centering springs to hold the pedal against the reverse lockout mechanism.

7. Start engine and check for wheel rotation. If wheel rotation is still evident and pedal is against stop, an adjustment to the control rods is required. Proceed to step 8.

8. Lower one cutting unit, move traction speed selector to "MOW" position and reel speed selector to "OFF". Determine whether there is creep in both the wheel and reel circuits. If this is evident proceed to Step 9.

9. Move the traction speed selector to the forward left corner of the "L" shaped slot and hold in this position while moving the traction pedal forward or reverse to stop the wheel from rotating. If reel stops rotating when wheel stops rotating, the rod attached to the traction pedal is out of adjustment. Proceed to Step 10 and adjust.

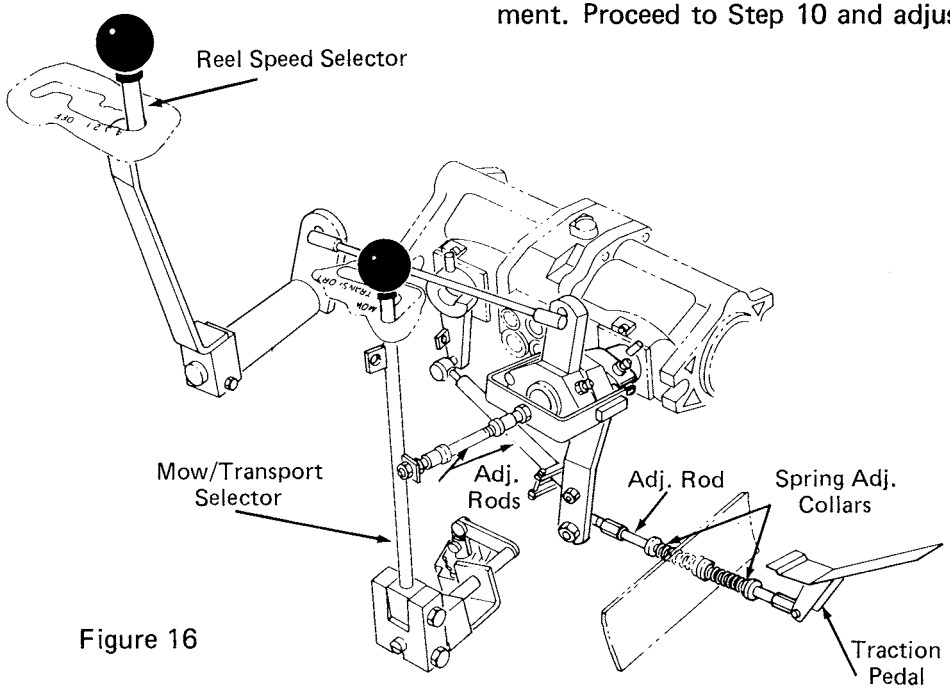


Figure 16

10. Loosen the jam nuts and rotate the rod while holding the pedal against the reverse lockout. When wheel rotation stops tighten jam nuts and readjust centering springs and to hold pedal against reverse lockout.

11. If creep is evident only in wheel circuit, loosen jam nuts and readjust rod between pump levers until wheel rotation stops. Retighten jam nuts.

12. If creep is evident only in reel circuit, hold pedal against reverse lockout and adjust rod connected to pedal until reel rotation stops. After adjusting reel circuit, creep may reoccur in wheel circuit, adjust using procedure in Step 11.

13. Remove jackstand from under frame and lower left wheel to floor.

ADJUST PARKING BRAKE

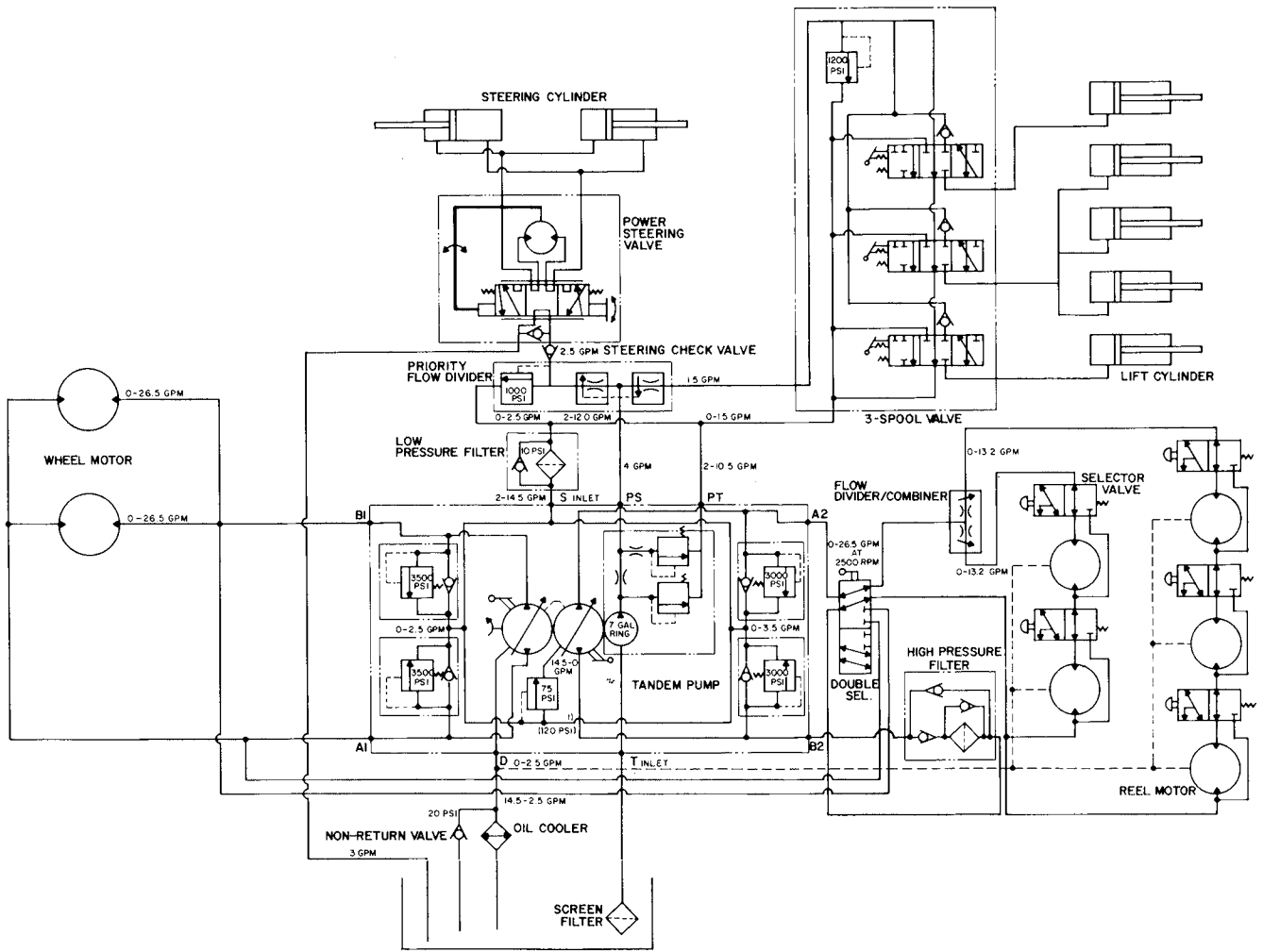
1. Partially engage parking brake lever.
2. Turn adjustment nut, at base of lever, clockwise about four turns.
3. To check adjustment:
   a. Engage parking brake and move ground speed control to # 1 position.
   b. Start engine and position throttle at about ¼.
   c. Slowly depress traction pedal, if brake does not hold, further adjust nut. Assure brake is not over adjusted.

NOTE: Further adjustment is possible, if all adjustment threads are used on original end, by adjusting the clevis on the opposite end of the link.

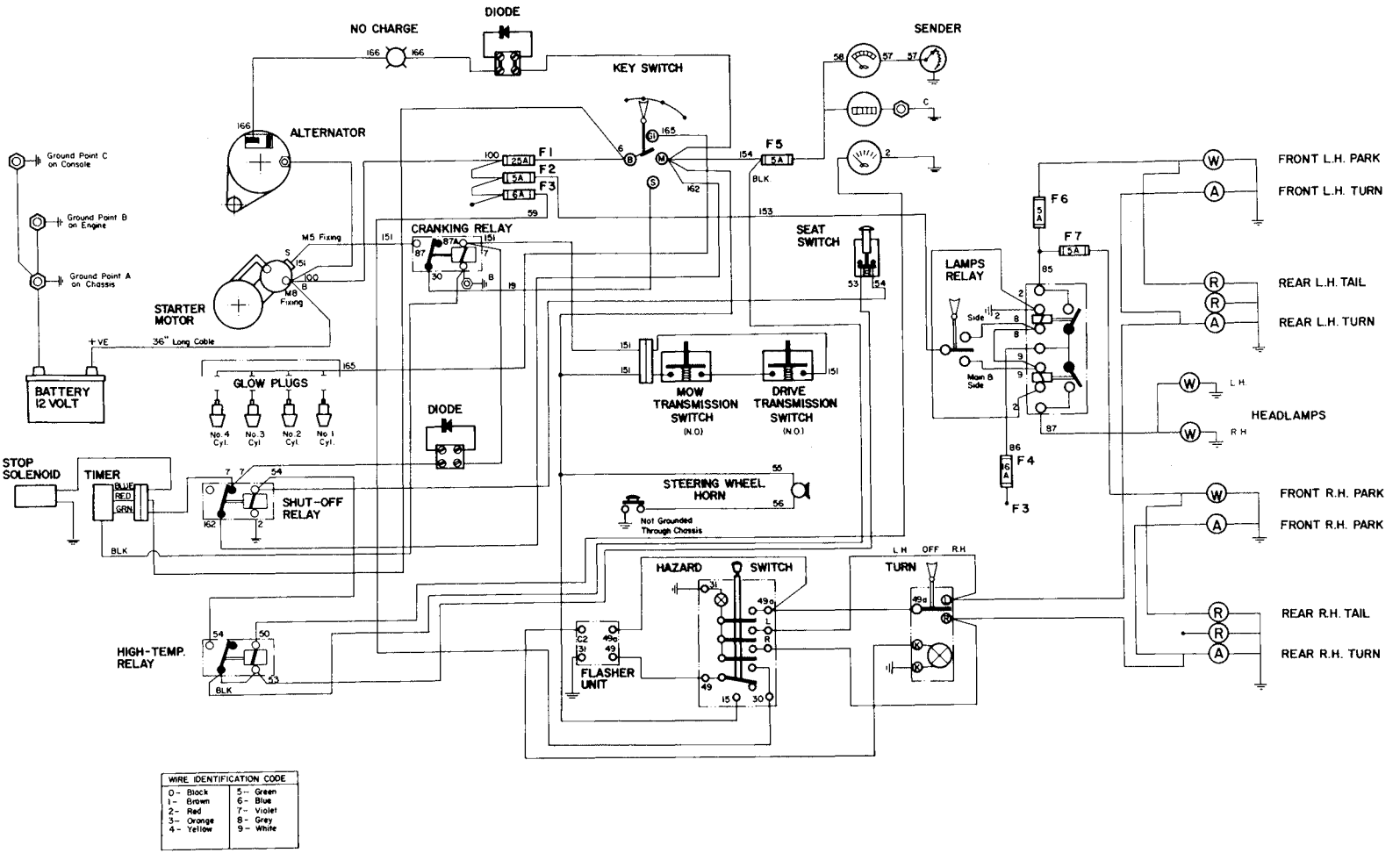
OPERATING PROCEDURES

- Shut engine off before performing normal maintenance and adjustments. If engine must be running to perform service, keep away from moving parts to prevent injury.
- Wear safety goggles and rubber gloves when working with electrolyte for battery. Charge battery in a well-ventilated place so gases produced while charging can escape. Since gases are explosive, keep open flame and electrical spark away from battery; do not smoke. Nausea may result if gases are inhaled. Unplug charger from electric outlet before connecting to or disconnecting charger leads from battery. Keep battery terminals and entire case clean because a dirty battery will discharge slowly.
- When foot is removed from traction pedal, machine should stop, it must not move in either direction. If machine moves, adjust or repair neutral assembly immediately.
- Do not engage starter motor for longer than 15 seconds because damage could result. After 15 seconds of continuous cranking, wait 2 minutes for starter to cool.
- Check operation of interlock switches daily to assure system is operating correctly. Do not disconnect interlock switches. Replace all switches after every two years or 1000 hours whichever comes first.
- Use a clean funnel with fine screen (200 mesh) when adding oil to hydraulic system. Funnel and oil must be immaculately clean to prevent accidental contamination of hydraulic system.
- Before welding on machine, disconnect ground cable from (-) battery terminal to prevent damage to electrical system.
- During backlapping operation all persons working on machine must stay alert. All unnecessary personnel must be kept away to prevent distraction. The operator of the controls must be fully instructed on operating procedures.
- Do not adjust cutting units while reels or engine are operating.
- As a safety precaution, always check brakes in a wide open space, flat area which is free of other persons and obstructions before and after adjustment.
- When transporting, make sure cutting units are raised and safety locks are engaged.
- Use caution when removing lift arms, hydraulic cylinders or counterbalance springs as counterbalance springs are in constant compression. For removal, the lift arm should be in the completely raised position, and a spring compressor fitted to compress and retain spring for removal of hydraulic cylinder from the arm. After the cylinder, complete with spring is removed, the spring compressor can be gradually loosened until spring tension is relieved at complete cylinder extension.

HYDRAULIC SCHEMATIC



ELECTRICAL SCHEMATIC



WIRE IDENTIFICATION CODE	
0 - Black	5 - Green
1 - Brown	6 - Blue
2 - Red	7 - Violet
3 - Orange	8 - Grey
4 - Yellow	9 - White

The Toro Promise

A ONE YEAR LIMITED WARRANTY ON COMMERCIAL PRODUCTS OTHER THAN TRIMMERS AND BLOWERS.

The Toro Company promises to repair your TORO Product if defective in materials or workmanship. The following time periods from the date of purchase apply:

Commercial Products	1 Year
Trimmers and Blowers	90 Days

The costs of parts and labor are included, but the customer pays the transportation costs on walk rotary mowers, trimmers and blowers.

If you feel your TORO product is defective and wish to rely on The Toro Promise, the following procedure is recommended:

1. Contact your Authorized TORO Distributor or Commercial Dealer (the Yellow Pages of your telephone directory is a good reference source).
2. The TORO Distributor or Commercial Dealer will advise you on the arrangements that can be made to inspect and repair your product.
3. The TORO Distributor or Commercial Dealer will inspect the product and advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without an extra charge to you.

If for any reason you are dissatisfied with the distributor's analysis of the defect or the service performed, you may contact us.

Write:

TORO Commercial Products Service Department
8111 Lyndale Avenue South
Minneapolis, Minnesota 55420

The above remedy of product defects through repair by an Authorized TORO Distributor or Commercial Dealer is the purchaser's sole remedy for any defect.

THERE IS NO OTHER EXPRESS WARRANTY. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This Warranty applies only to parts or components which are defective and does not cover repairs necessary due to normal wear, misuse, accidents, or lack of proper maintenance. Regular, routine maintenance of the unit to keep it in proper condition is the responsibility of the owner.

All warranty repairs reimbursable under the Toro Promise must be performed by an Authorized TORO Commercial Dealer or Distributor using Toro approved replacement parts.

Repairs or attempted repairs by anyone other than an Authorized TORO Distributor or Commercial Dealer are not reimbursable under the Toro Promise. In addition, these unauthorized repair attempts may result in additional malfunctions, the correction of which is not covered by warranty.

THE TORO COMPANY IS NOT LIABLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE PRODUCT INCLUDING ANY COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT OR SERVICE DURING PERIODS OF MALFUNCTION OR NON-USE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or 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.

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their TORO Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.

Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

Litho in U.S.A


TORO®