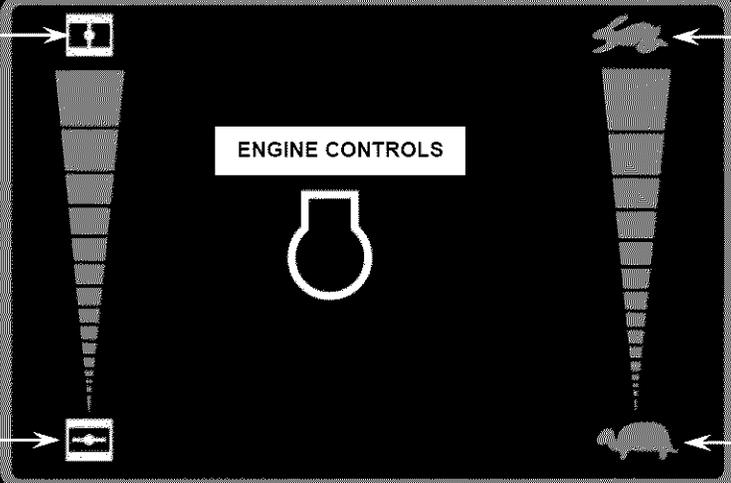


Section 2 – SAFETY MESSAGES AND SYMBOLS


WARNING

TO AVOID SERIOUS INJURY OR DEATH

- READ OPERATOR'S MANUAL AND OTHER INSTRUCTIONAL MATERIALS PROVIDED.
- KNOW LOCATION AND FUNCTION OF ALL CONTROLS.
- NEVER START BLADES UNLESS PROPERLY SEATED ON MACHINE.
- KEEP SAFETY DEVICES (GUARDS, SHIELDS AND SWITCHES) IN PLACE.
- REMOVE OBJECTS THAT COULD BE THROWN BY THE BLADES.
- DO NOT MOVE MOTION CONTROL LEVERS RAPIDLY. AVOID SUDDEN TURNS.
- DO NOT OPERATE BLADES IN REVERSE.
- LOOK DOWN AND BEHIND BEFORE AND DURING REVERSE MOVEMENT.
- DO NOT MOW IN ANY AREA WHERE STABILITY AND TRACTION IS IN DOUBT. DO NOT MOW ON SLOPES STEEPER THAN 15°.
- REDUCE SPEED ON SLOPES. GO FORWARD DOWN SLOPES. GO REVERSE UP SLOPES. NEVER TRAVEL ACROSS SLOPES.
- AVOID UPHILL STARTS. IF MACHINE STOPS GOING UPHILL, STOP BLADES AND BACK DOWN SLOWLY.
- DO NOT MOW WHEN CHILDREN OR OTHERS ARE AROUND. NEVER CARRY CHILDREN DURING OPERATION EVEN WITH BLADES OFF.
- BE SURE ALL MOVING PARTS ARE STATIONARY BEFORE PLACING HANDS AND FEET NEAR BLADES OR SERVICING MACHINE.



CHOKE "ON" →

CHOKE

CHOKE "OFF" →

← RABBIT "FAST"

ENGINE SPEED

← TURTLE "SLOW"

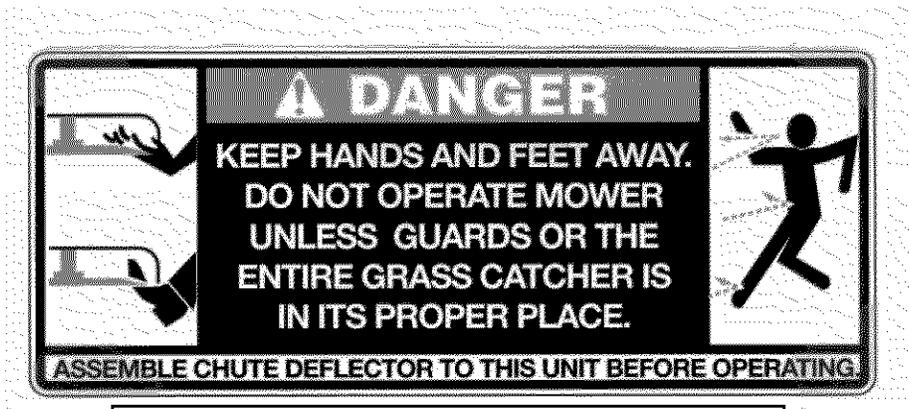
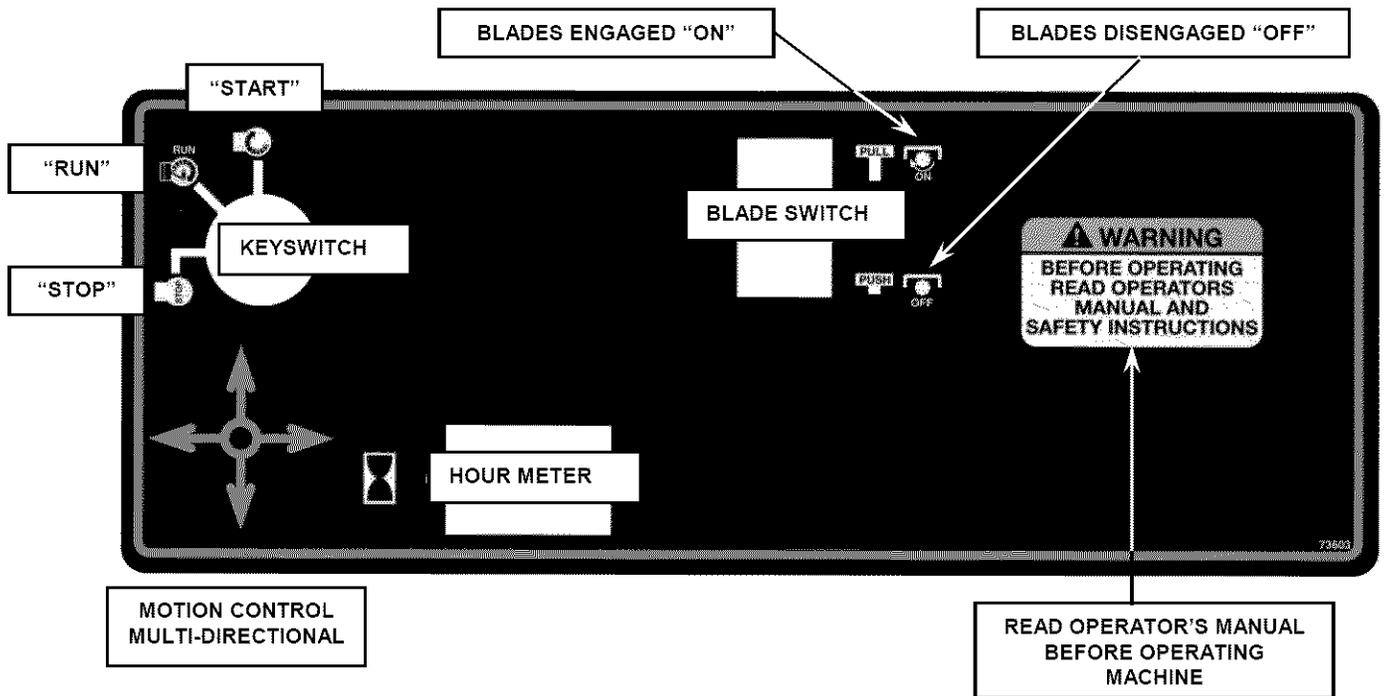
TO START:
 MAKE SURE OPERATOR IS SEATED PROPERLY.
 PLACE MOTION CONTROL LEVERS IN CENTER/NEUTRAL POSITION.
 PULL UP ON BRAKE LEVER TO SET BRAKE.
 PUSH BLADE SWITCH DOWN TO MAKE SURE BLADE IS DISENGAGED.
 SET CHOKE AND THROTTLE.
 TURN KEY TO START ENGINE.

TO OPERATE:
 ADJUST CHOKE AND THROTTLE.
 PULL BLADE SWITCH UP TO ENGAGE BLADE.
 PUSH PARKING BRAKE LEVER DOWN TO RELEASE BRAKE.
 MOVE MOTION CONTROL LEVERS IN THE DIRECTION OF TRAVEL REQUIRED.
 INCREASE / DECREASE SPEED WITH AMOUNT OF MOTION CONTROL LEVERS TRAVEL FROM CENTER / NEUTRAL POSITION.

TO STOP:
 MOVE MOTION CONTROL LEVERS TO CENTER / NEUTRAL POSITION.
 PUSH BLADE SWITCH DOWN TO DISENGAGE BLADE.
 PULL UP ON BRAKE LEVER TO SET BRAKE.
 TURN KEY TO OFF POSITION AND REMOVE.
 MAKE SURE ALL MOVEMENT HAS STOPPED BEFORE DISMOUNTING.

73601

Section 2 – SAFETY MESSAGES AND SYMBOLS



DANGER! ROTATING BLADES
 KEEP CHILDREN AND OTHERS OUT OF MOWING AREA



DANGER! ROTATING BLADES

Section 5 - ADJUSTMENTS & REPAIR

⚠ DANGER ⚠
Exercise **EXTREME CAUTION** when making this adjustment, due to close proximity of moving parts.

5.1 NEUTRAL POSITION ADJUSTMENTS

The joystick controls the movement and stopping of the machine. Move the joystick to the center or neutral position to stop machine. **IMPORTANT: Always return the joystick with hand assistance to the neutral position. If machine does not come to a complete stop or has any movement when joystick is moved to the neutral position, adjustment must be made.**

1. Turn key to "OFF" position.
2. Raise both wheels off the ground. Wheels should be high enough to rotate freely. Secure with safety blocks.
3. Disconnect parking brake rod from parking brake. See Figure 4.3.
4. Engage parking brake lever. **NOTE:** Engaging parking brake without brake rod connected will lock joystick in center or neutral position.
5. Turn key to start position and start unit.
6. Both wheels should not have any movement, not rotating.
7. If wheel(s) are rotating, disconnect transmission control rods from cross shaft and turn adjusting bolts located on pump(s) clockwise, or counter-clockwise, until wheel(s) stop rotating. See Figure 5.1
8. With wheels in neutral, (not rotating) stop engine and readjust control rods until they fit into the cross shaft arms with no wheel creep.
9. Reconnect park brake rod.

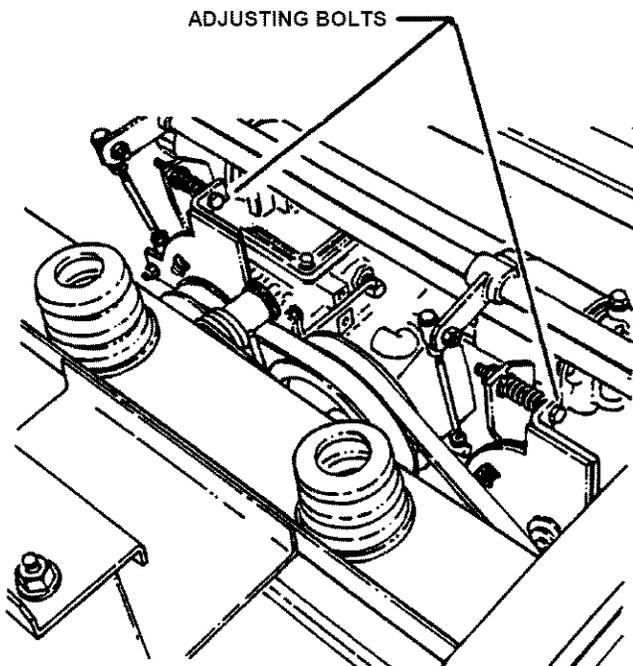


FIGURE 5.1

5.2 MOWER DECK & COMPONENT ADJUSTMENTS

The following mower deck and component adjustments and repairs can be made by the owner. However, if there is difficulty in making these adjustments and repairs, it is recommended that these repairs be made by an authorized SNAPPER dealer.

5.2.1. MOWER DECK ADJUSTMENT (LEVELNESS) SIDE to SIDE and FRONT to REAR

Before making deck leveling adjustments, check tires and add or release air as needed to bring pressure to 12 psi in drive tires. Pressure in front caster wheels should be 25 psi. If tires are properly inflated and mowing is still uneven, adjust deck levelness as follows:

SIDE to SIDE LEVEL

1. Place machine on a smooth level surface.
2. Check blade tips by rotating blades until tips are pointing to the sides of the deck. Check the measurement of outside blade tips to the measurement of outside blade tips to the ground on both blades. The measurement of each of the outside blade tips should be within 1/8" of each other. If measurement of the blade tips is not within 1/8", adjustment should be made to the higher side of the deck to lower it to within the correct measurement.
3. Move deck lift lever and set the mower deck to the highest cutting position.
4. Place a wooden block under the front and rear edge of the mower deck.
5. Move deck lift lever and set the mower deck to a lower cutting position until deck rests on wooden blocks.

(Continued on Next Page)

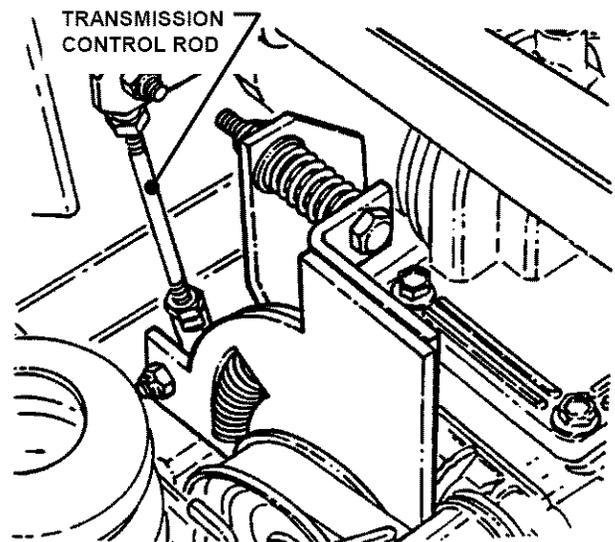


FIGURE 5.1A

Section 5 - ADJUSTMENTS & REPAIR

5.8 MOWER SPINDLES (Field Serviceable Spindles) BEARING REPLACEMENT

In the event that a spindle bearing requires replacement, the SNAPPER Field Serviceable Spindles have been designed so that no special tools or presses are required.

1. Remove belt. Loosen blade nut and remove. Allow blade bolt, washer, blade and four spacers to drop down out of the spindle housing. See Figure 5.10.

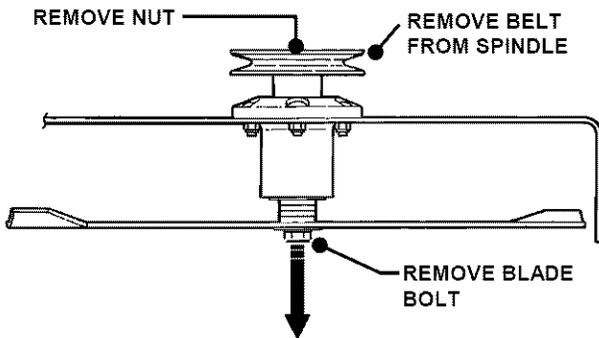


FIGURE 5.10

2. Remove spindle pulley from spindle shaft.
3. Locate circular retaining ring on spindle shaft at top bearing. Remove retaining ring. Allow spindle shaft to drop out of housing.
4. Top and bottom bearings are now removable. Pull out on inner race to slide bearing from housing. See Figure 5.11.

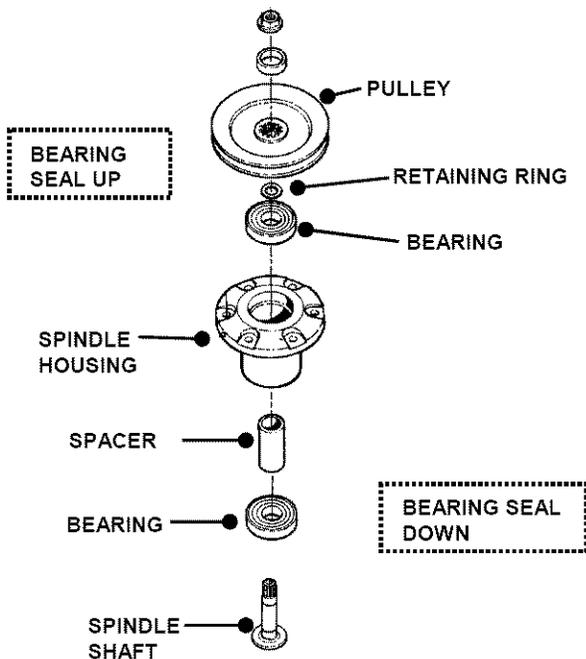


FIGURE 5.11

5. Thoroughly clean all parts removing all old contaminated grease.

6. Install new bottom bearing first.

NOTE: The bearing is sealed/shielded on one side only. The bottom bearing must be installed with the sealed/shielded side DOWN.

7. Insert spindle shaft up through the bottom bearing. Slide spacer down over spindle shaft.

8. Install new top bearing. Install the top bearing with the seal/shield UP.

9. Slide circular retaining ring down spindle shaft until it fully locks into groove on shaft.

10. Place spindle pulley and spacer on top of spindle shaft.

11. Reinstall blade bolt, washer, blade and four spacers.

12. Torque blade bolt and nut to 60 to 75 ft. lbs.

IMPORTANT: Spindle housing must be filled with grease before operating mower. Failure to fill housing will cause premature bearing failure.

13. Pump grease into spindle housing until grease purges from vent on housing.

14. After the first 5 hours of operation, grease spindle housing to insure it is full, then every 25 hours.

Safety Instructions & Operator's Manual for

SNAPPER[®]

MID MOUNT Z-RIDER

ZERO TURNING

HYDRO DRIVE

SERIES 0

IMPORTANT

Snapper products are built using engines that meet or exceed all applicable emissions requirements on the date manufactured. The labels on those engines contain very important emissions information and critical safety warnings. Read, Understand, and Follow all warnings and instructions in this manual, the engine manual, and on the machine, engine and attachments. If you have any questions about your Snapper product, contact your local authorized Snapper dealer or contact Snapper Customer Service at Snapper, McDonough, GA. 30253. Phone: (1-800-935-2967).



WARNING

BATTERY POSTS, TERMINALS AND RELATED ACCESSORIES CONTAIN LEAD AND LEAD COMPOUNDS, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. WASH HANDS AFTER HANDLING.



WARNING

ENGINE EXHAUST, SOME OF ITS CONSTITUENTS, AND CERTAIN VEHICLE COMPONENTS CONTAIN OR EMIT CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR OTHER REPRODUCTIVE HARM.

SNAPPER[®] McDonough, GA., 30253 U.S.A.