

DEALER SET-UP INSTRUCTIONS & CHECKLIST For SNAPPER REAR ENGINE RIDERS

Tools required for set-up are: HAMMER, PLIERS, 7/16" and 1/2" WRENCH or SOCKET.

A package of Battery Acid (Electrolyte), purchased separately, is required for electric start models.

SNAPPER Rear Engine Riding Mowers are shipped with steering components, seat & fuel tank detached. After uncrating, inspect the machine for damage, then proceed as follows to assemble and prepare the unit. Open parts box and hardware bag and identify components shown on pages 5, 6, & 7. **NOTE** that NOT ALL PARTS in each bag are used on any one rider.

A. STEERING COMPONENTS

1. Steering Shaft

- Carefully stand Rider on rear bumper.
- Push steering shaft into place (See figure 2).
- Remove/discard vinyl cap from steering shaft end.
- Tap upper bushing so that it contacts control panel.
- Place thrust washer on top of bushing.
- Install 3/16" x 1-1/2" cotter-pin from parts bag into steering shaft above thrust washer.
- Install bushing cover over cotter-pin, thrust washer and bushing.
- Slide foam steering shaft cover over steering shaft. See Figure 1.

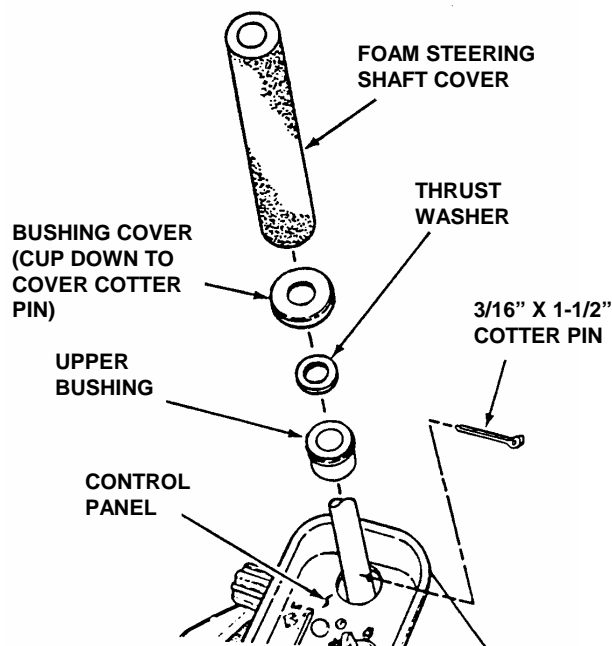


FIGURE 1

2. Installing Tie Rods - Narrow Front Frame (28" & smaller deck)

- Install bushings onto tie rods.
- Install tie rods into steering shaft. Secure with 3/8" flat washers and 5/32" x 1" cotter-pins. See Figure 2.

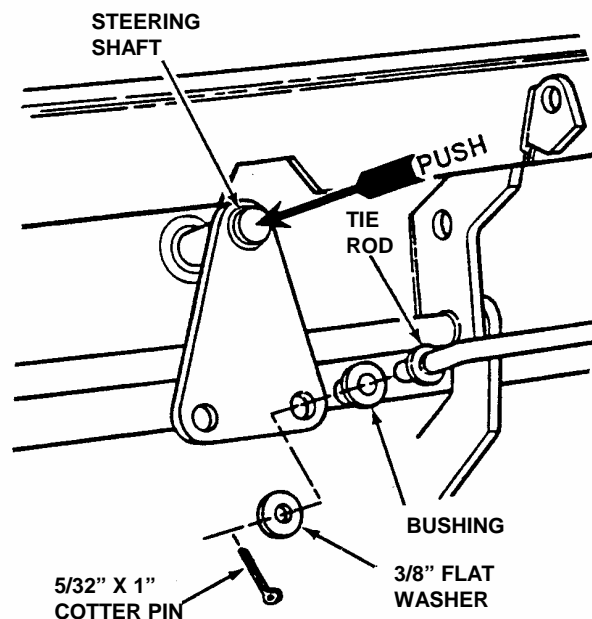


FIGURE 2

3. Installing Tie Rods - Wide Front Frame (30" & larger deck)

- Install tie rods, 5/16" lock washers and 5/16"-24 hex nuts. Tighten securely. See Figure 3.

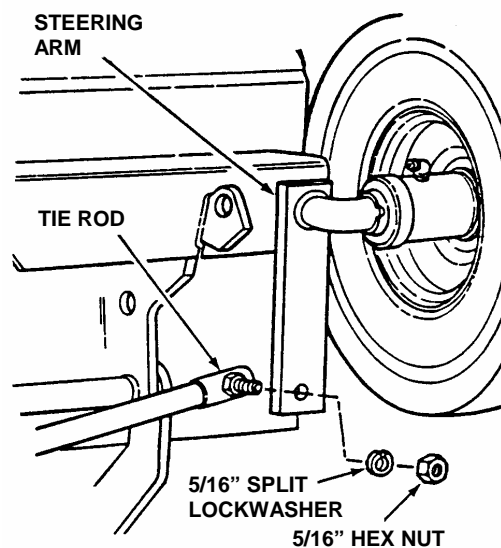


FIGURE 3

4. Installing Steering Wheel

(a) Slide steering wheel on steering shaft. Normally, the offset of the steering wheel should be towards operator's seat.

NOTE: For more operator room, the steering wheel offset can be turned towards front of the Rear Engine Rider. The "SNAPPER" logo in the center of steering wheel can be snapped out and turned also.

(b) Support steering wheel and drive the 1/4" x 1-1/2" roll pin into steering wheel and steering shaft. See Figure 4.

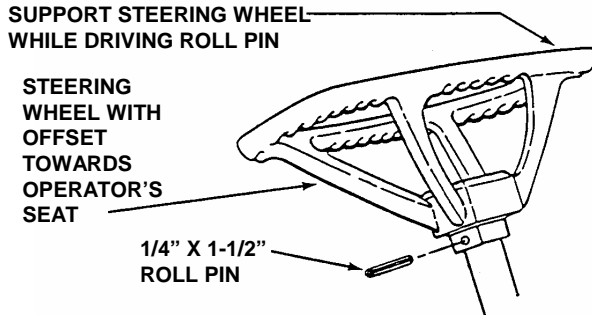


FIGURE 4

B. MOWING DECK

1. Cutting Blade

(a) Check the torque of mowing blade(s) mounting bolt(s). (30 to 40 ft. lbs. recommended for single blade mowers & 40 to 50 ft. lbs. recommended for double blade mowers).

(b) Check blade(s) straightness per operators manual.

C. LUBRICATION

1. Perform normal lubrication of the Rear Engine Rider. Check differential and chain case for proper lubricant levels. See Operator's manual.

2. After completing lubrication, carefully lower Rear Engine Rider to floor to continue set-up.

D. FUEL SYSTEM

1. Fuel Tank

Place fuel tank in bracket behind seat bracket and push tank down until it snaps into position. See Figure 5.

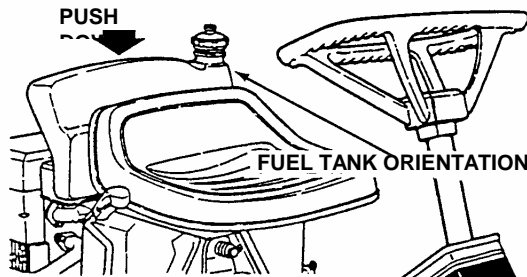


FIGURE 5

2. Fuel Line

Slide fuel line onto fuel tank hose barb and move hose clamp above end of the fuel tank hose barb (approximately 1/8" from end of hose). The fuel filter has been installed by the engine manufacturer. See Figure 6.

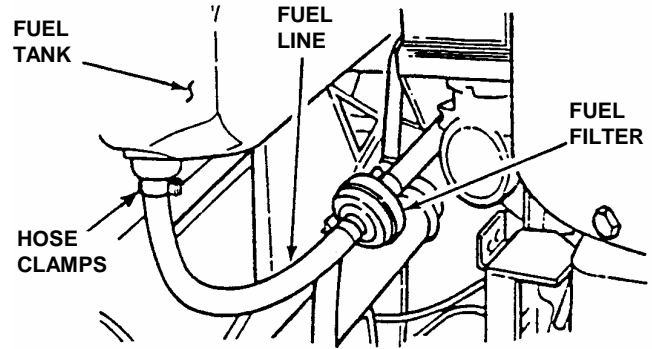


FIGURE 6

E. OPERATOR'S SEAT – NON-HINGED MODELS

1. Install seat switch into bottom of seat by pushing in and turning clockwise until switch locks into place. See Inset in Figure 7.

2. Lay forward edge of seat onto seat pan with seat switch protruding through opening in pedestal.

3. Connect seat switch wiring harness to male tabs of seat switch (under seat). See Figure 7.

4. Position operator's seat onto seat bracket.

5. Install two 5/16-18 hex head flange patch lock screws into rear holes of seat.

6. Install two spacers onto the two adjusting knobs.

7. Install adjusting knobs through seat bracket and into the two front holes in operator's seat.

8. Adjust seat to desired position. Partially tighten rear screws, allowing seat to slide front to back. Tighten adjusting knobs to secure seat in position. See Figure 7.

INSET

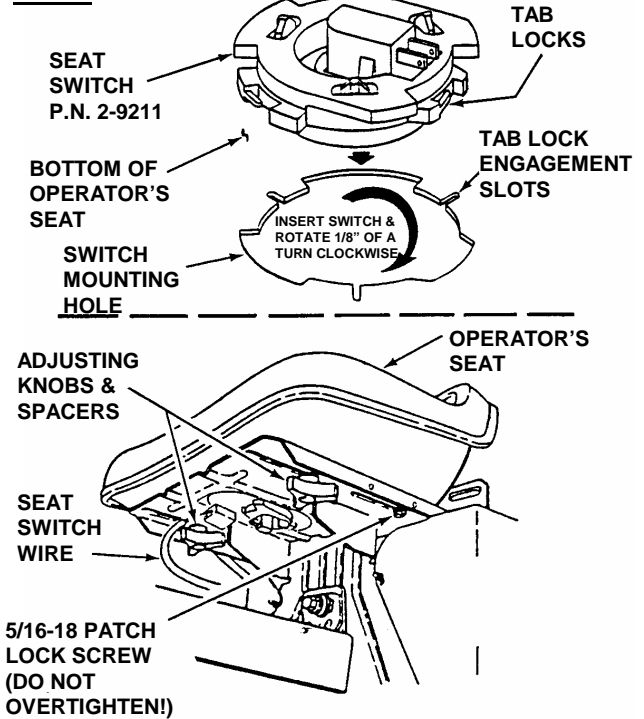


FIGURE 7

E. OPERATOR'S SEAT – HINGED SEAT MODELS

1. Fold the hinged seat plate forward and follow steps 4 through 8 in Section "OPERATOR'S SEAT, NON-HINGED MODELS" for 8 & 10HP models. See Figure 8.

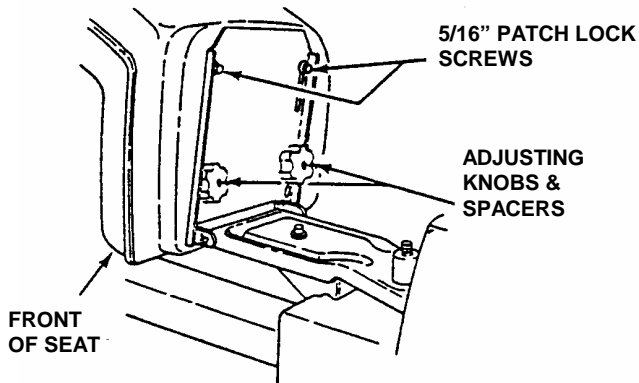


FIGURE 8

F. BATTERY

The batteries for the electric start models are shipped dry. It should be activated and charged according to the instructions below.

1. BATTERY REMOVAL

- (a) Remove battery cover by pulling each side away from ratchet fasteners. See Figure 9.

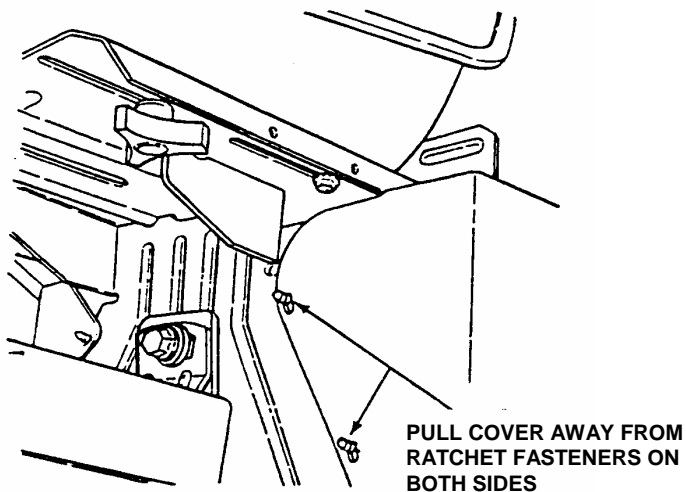


FIGURE 9

- (b) Remove the hair pin and swivel from the deck support to allow clearance for battery removal.
- (c) Remove battery from battery compartment.

2. BATTERY ACTIVATION

- (a) Place battery in a well ventilated area on a level surface.
- (b) Remove battery cell caps. Fill cells as required with electrolyte to between minimum and maximum fill line as viewed from outside battery case. Filling battery with electrolyte will bring the battery to 80% charged state.

WARNING

The electrolyte (acid) produces a highly explosive gas. Keep all sparks, flame and fire away from area when charging battery or when handling electrolyte or battery. Electrolyte (acid) is a highly corrosive liquid. Wear eye protection. Wash affected areas immediately after having eye or skin contact with electrolyte (acid). Battery acid is corrosive. Rinse empty acid containers with water and mutilate before discarding. If acid is spilled on battery, bench, or clothing, etc., Flush with clear water and neutralize with baking soda. **DO NOT** attempt to charge battery while installed on the RIDER. **DO NOT** use "BOOST" chargers on the battery. **DO NOT** OVER FILL!

NOTE: The recommended level of electrolyte is 3/16" above cell plates. DO NOT place anything in battery other than specified electrolyte.

3. BATTERY CHARGING

- (a) With all cell caps removed, connect an automotive type battery charger to battery terminals; RED to positive (+) and BLACK to negative (-) terminal.
- (b) Slow charge at 2 to 6 amps for 30 minutes.
- (c) After charging, check level of electrolyte, add electrolyte if necessary, and tighten cell caps.

4. BATTERY INSTALLATION

- (a) Slide battery partially into box, with positive end to inside and terminals to rear, to allow for cable installations.
- (b) Battery cables **MUST BE SECURED TO BATTERY TERMINALS** as shown in Figure 10, using the 1/4" screws, that are mounted on terminals, and lock nuts from the hardware bag.
- (c) Install positive (+) cable first. Place the positive (+) terminal insulator over positive terminal and cable. Install negative (-) cable last after positive terminal insulator has been installed. See Figure 10.
- (d) Slide battery into battery box and reinstall battery cover.
- (e) Reinstall deck support swivel and hair pin.

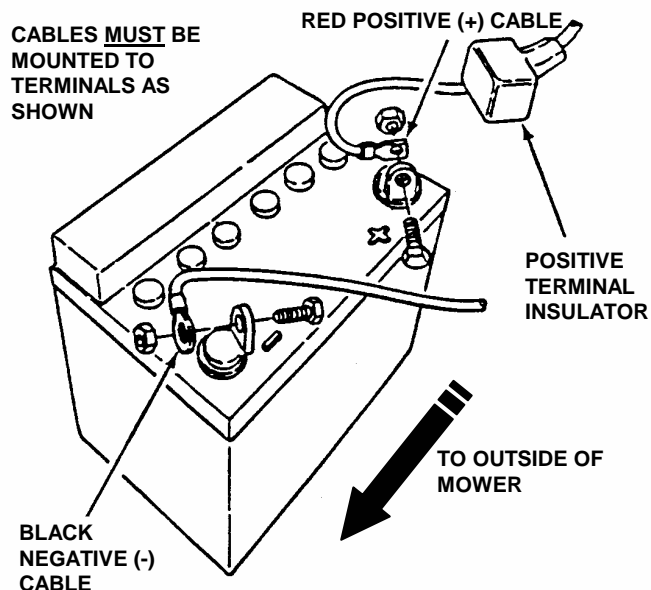


FIGURE 10

G. DISCHARGE DEFLECTOR

The discharge deflector is shipped in the "UP" position. Remove rubber band, lower discharge deflector and secure to deck with carriage bolt(s), flat washer(s) and wing nut(s) furnished in the deck. See Figure 11.

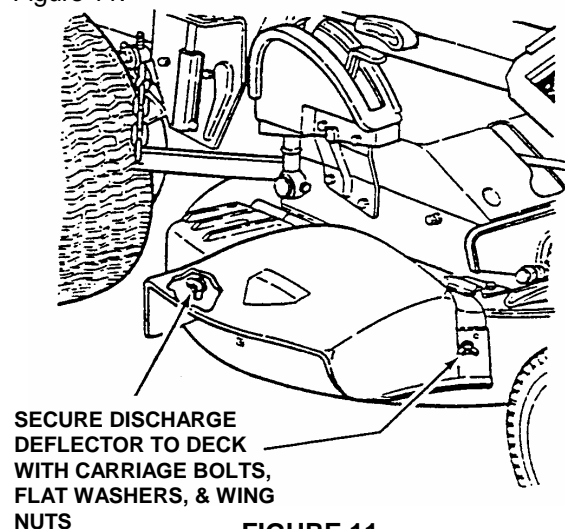


FIGURE 11

H. ELECTRICAL CIRCUIT

The electrical connection at the engine is shipped disconnected to protect the electrical system when the battery is installed and **MUST BE THE LAST STEP** in preparation.

- 1. Connect electrical circuit at rear of the engine. See Figure 12.

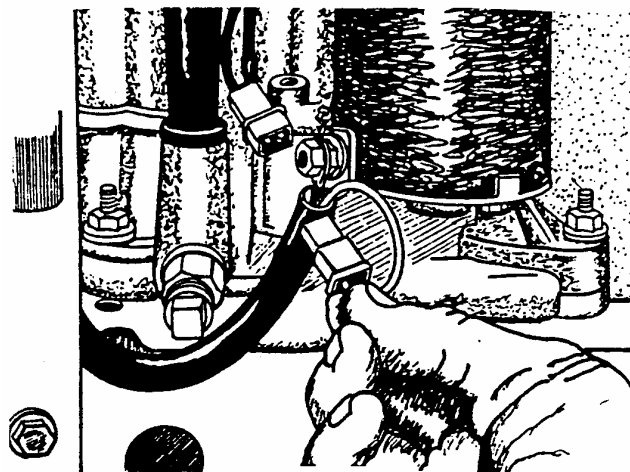
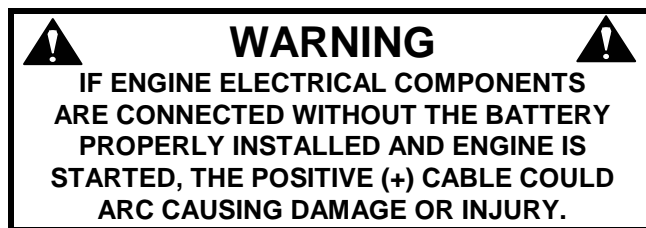


FIGURE 12

I. ENGINE

Perform engine service, oil and fuel, according to engine manufacturer's recommendations.

J. PRE-SALE CHECK

Completely fill out the attached Pre-Sale Checklist **BEFORE** starting the engine, testing the Rear Engine Rider or delivering to the customer.

[illegible]

DEALER PRE-SALE CHECKLIST

The following must be accomplished prior sale. Refer to detailed set-up instructions. Review this list with purchaser. Check (✓) items actually performed and signed on this page.

SET-UP CHECKLIST

- _____ STEERING WHEEL and steering shaft assembled.
- _____ TIE RODS connected.
- _____ LUBRICATION of entire unit completed.
- _____ OPERATOR'S SEAT installed and tightened and seat switch connected.
- _____ FUEL TANK installed and fuel line connected.
- _____ GRASS DEFLECTOR, MULCH COVER or CATCHER ADAPTER and assembly positioned, secured, checked.
- _____ BATTERY activated and charge per instructions and installed into battery compartment on rider.
- _____ TIRE inflated to proper Pounds per Square Inch (PSI). Front tire is 15 PSI and Rear tire is 10 PSI.

CUTTING BLADE & MOWER

- _____ BLADE RETAINING hardware checked for proper tightness.
- _____ BLADE TIP CLEARANCE inside lower edge of mower checked and corrected as needed.
- _____ BLADE STRAIGHTNESS checked and adjusted as required.
- _____ MOWER CUTTING HEIGHT settings checked and adjusted as needed (with tires properly inflated).
- _____ MOWER SIDE TO SIDE level checked and adjusted as needed (with tires properly inflated).
- _____ MOWER FRONT TO REAR setting checked and adjusted as needed (with tires properly inflated).
- _____ BLADE LEVER checked and adjusted as required.
- _____ BELT TENSION checked and adjusted as required. (25" Decks Only)

PRE-START CHECKS & SERVICES

- _____ TIRES checked and inflated to correct pressures.
- _____ ENGINE OIL level checked.
- _____ DIFFERENTIAL check lubricant and add as needed.
- _____ CHAIN CASE check lubricant and add as needed.
- _____ YOKE ASSEMBLY checked for freedom of movement.
- _____ FUEL added to tank and system checked for leaks. Refer to Engine's Owner's Manual for fuel specifications.
- _____ BATTERY (not overfilled!) reinstalled and properly connected with red boot over positive terminal.

OPERATIONAL TESTS

- _____ CHECK SEAT SWITCH for proper function
- _____ INTERLOCK SYSTEMS checked to insure proper functioning.
- _____ ENGINE STARTED and throttle control settings checked.
- _____ IGNITION SWITCH checked to insure engine stops when turned to OFF position.
- _____ PARKING BRAKE tested to insure proper operation.
- _____ CLUTCH/BRAKE tested for proper operation and adjusted as required.
- _____ BLADE STOPS in 3 seconds or less after releasing the blade pedal. Adjust blade brake as required.
- _____ BLADE LEVER can be moved to "OFF" position with blade pedal depressed.

DEMONSTRATION & INSTRUCTION

- _____ DEMONSTRATED proper operation of mower to purchaser.
- _____ INSTRUCTED purchaser to read and follow instructions in Operator's Manual.
- _____ PERSONALLY HANDED Operator's Manual, Engine Manual, and "USER and SAFETY GUIDE" video to purchaser.
- _____ ASSISTED purchaser in completing Product Registration cards.

DEALER'S RECORDS

SALE DATE _____ RIDER MODEL _____ SERIAL NO. _____

Dealer's Name _____ Signature _____

Address _____ City _____ State _____ Zip _____

TRACTOR WILL BE USED COMMERCIALY? YES _____ NO _____

Purchaser's Name _____ Signature _____

Address _____ City _____ State _____ Zip _____

IMPORTANT: This form is to be retained by the Dealer for future reference regarding Warranty, proof of purchase, traceability for product recall or service, etc. Complete the Product Registration Card immediately and mail to: Customer Service Department at SNAPPER, P.O. BOX 1379, McDonough, Georgia, 30253.

INSTRUCTION No. 3-5621 (REV. 3, 8/20/99)