

# FORD

## 830/1130 Rider Mower Tractor



# OPERATOR'S MANUAL

42083020

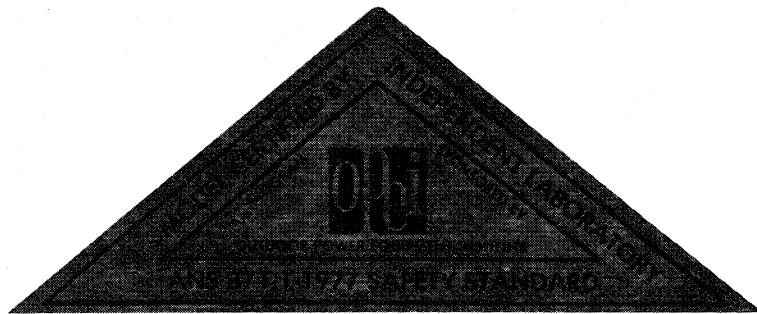
Reprinted





**DANGER**

**DO NOT STAND NEAR  
MACHINE WHEN IN  
OPERATION**



**DANGER**

**DISCHARGE OPENING  
WHEN NOT USING GRASS  
CATCHER-DO NOT OPERATE  
WITH DEFLECTOR OR  
GUARDS REMOVED**

# SAFETY



**WHILE THIS MOWER HAS BEEN BUILT TO ANSI SAFETY STANDARDS,** the manufacturer does not mean to imply that this unit is 100% accident proof. **IT MUST BE USED WITH THE SAME CAUTION AND CARE REQUIRED WHEN OPERATING ANY SIMILAR MECHANICAL EQUIPMENT.**



**READ THIS MANUAL CAREFULLY BEFORE ACTUAL OPERATION.** Assemble your mower completely and carefully as described in this manual. **Do not use mower without either the chute guard or a complete grass bag.** Keep all safety devices in place and check the grass catcher frequently for signs of wear and deterioration. Replace with new bag as a safety precaution. **NEVER ATTACH OR REMOVE CHUTE OR GRASS BAG, OR UNCLOG A CHUTE, WHILE ENGINE IS RUNNING OR BLADE IS TURNING . . . BE SURE . . . DISCONNECT THE SPARK PLUG WIRE!**



**FAMILIARIZE YOURSELF COMPLETELY WITH ALL CONTROLS AND LEARN TO STOP THE ENGINE IN CASE OF EMERGENCY.**



**ANY CARBURETOR ADJUSTMENTS SHOULD BE MADE WITH EXTREME CAUTION . . .** Mower mufflers develop extreme heat in operation, be careful not to touch the muffler while engine is running . . . or for a while after engine is shut off. Never change engine governor setting.



**DISENGAGE ALL CLUTCHES AND PUT GEAR-SHIFT IN NEUTRAL BEFORE STARTING ENGINE.** Never run the engine in an enclosed area . . . exhaust fumes are dangerous. Never store the mower with gasoline in the tank, inside a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.



**KEEP HANDS AND FEET CLEAR OF MOVING PARTS AND THE DISCHARGE CHUTE . . . AT ALL TIMES!**



**ALWAYS START MOWER FROM THE SIDE OPPOSITE THE DISCHARGE CHUTE.** Have mower on a level surface. When starting "manual start" mowers, stand firmly on the side opposite the discharge chute.



**CLEAR THE AREA TO BE MOWED OF ALL STONES, STICKS, WIRE, TIN CANS AND ALL OTHER DEBRIS BEFORE STARTING TO MOW.** Determine the location of and avoid striking any solid, permanent fixtures, such as curbs, tree roots, stumps, water pipes, shut-off valves, etc.



**IF YOU SHOULD STRIKE ANY OBJECT:**

- **STOP THE MOWER IMMEDIATELY.**
- **DISCONNECT THE SPARK PLUG WIRE FROM SPARK PLUG AND EXAMINE MOWER FOR DAMAGE.**
- **REPAIR OR REPLACE ANY DAMAGED PART BEFORE RESUMING OPERATION.**



**DISCONNECT SPARK PLUG WIRE FROM SPARK PLUG AND SECURE THE WIRE AWAY FROM THE SPARK PLUG BEFORE ATTEMPTING ANY ADJUSTMENTS OR REPAIRS.**



**THIS RIDING MOWER IS DESIGNED TO CARRY ONLY THE OPERATOR.** In the interest of safety, other passengers, especially children, should never be allowed to ride with the operator.



**GIVE COMPLETE AND UNDIVIDED ATTENTION TO THE MOWING JOB.** Operate the mower at the slowest speed that will cut the grass satisfactorily. Use caution when operating on uneven terrain. Disengage the blade drive when transporting.



**DO NOT WEAR LOOSE CLOTHING THAT MIGHT GET CAUGHT IN MOVING PARTS.**



**STOP THE ENGINE WHENEVER YOU LEAVE THE MOWER OPERATING POSITION.** Never leave the mower running, when you leave it, for any reason. Don't start the mower until you are ready to mow.



**DEVELOP THE HABIT OF REMOVING THE KEY EVERY TIME YOU LEAVE THE MACHINE.**



**KEEP CHILDREN COMPLETELY AWAY FROM THE MOWER WHILE IT IS IN OPERATION.** Keep all persons and pets away from area to be mowed. Never direct the discharge of the mower toward bystanders or in a direction where thrown objects could cause injury or damage. Avoid directing discharge toward a street, sidewalk or similar traffic area.



**DO NOT DRIVE TOO CLOSE TO A CREEK OR A DITCH AND BE WATCHFUL OF HOLES WHICH MIGHT CAUSE THE RIDER TO TIP SIDWAYS.** Be especially careful when making turns, stopping, starting or backing. Never stop or start suddenly.



**BE ESPECIALLY CAREFUL WHEN OPERATING THE RIDER ON HILLSIDES OR SLOPES.** As a general rule, if the slope is steep enough to make you feel uncomfortable or uneasy, it is too steep for safe operation of the Rider. Mow up and down the face of a steep slope . . . never across the face.



**NEVER OPERATE MOWER IN THE RAIN OR WHEN GRASS IS WET.** Slippery conditions are extremely dangerous.



**FILL GAS TANK OUTDOORS, BUT NEVER WHILE ENGINE IS RUNNING OR HOT. NEVER FILL TANK WHILE SMOKING.** Use an approved container to handle and store an inflammable liquid. If you spill gasoline, wipe it up. Keep mower free from accumulations of grass or debris build-up. Replace gas tank cap securely.



**TEACH ALL SAFETY RULES AND OPERATING PROCEDURES TO ALL PERSONS OPERATING MOWER.** Never allow children to operate power mower.

# ASSEMBLY

Check the contents of the small carton; it should include:

- Steering Wheel
- Plastic Fastener Bag
- Chute Deflector

**(ELECTRIC START MODELS ONLY)**

- Battery Carton

## STEERING WHEEL

Slide flat washers and spring washers (included in fastener bag) onto the Steering Shaft as shown in FIG. 2. Align holes in Tubular Sleeve with holes in Steering Wheel hub and secure to Steering Shaft with hex head cap screw and lock nut, (see fastener bag) as shown. Tighten securely.

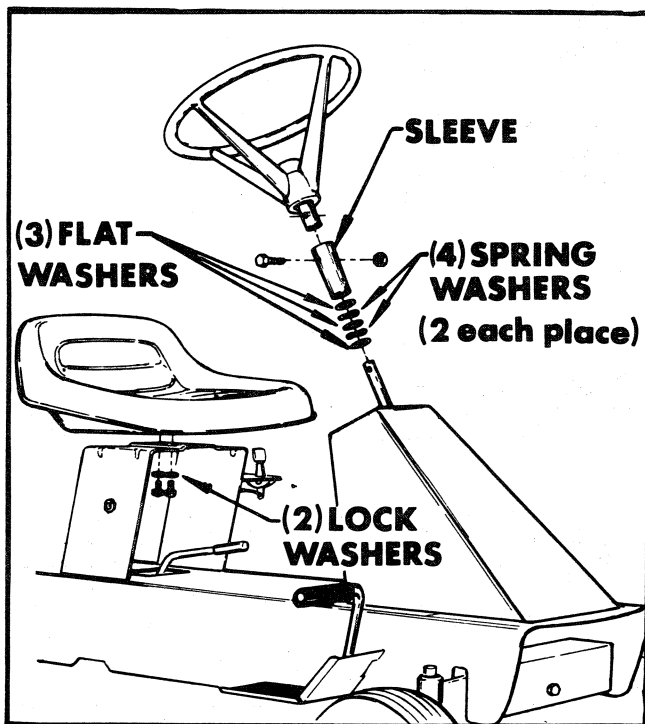


FIG. 2

## SEAT ASSEMBLY

Attach the Seat using parts from fastener bag as indicated in FIG. 2. There are three holes in the Seat Support to allow the operator to position the seat so that he may easily reach the foot pedals.

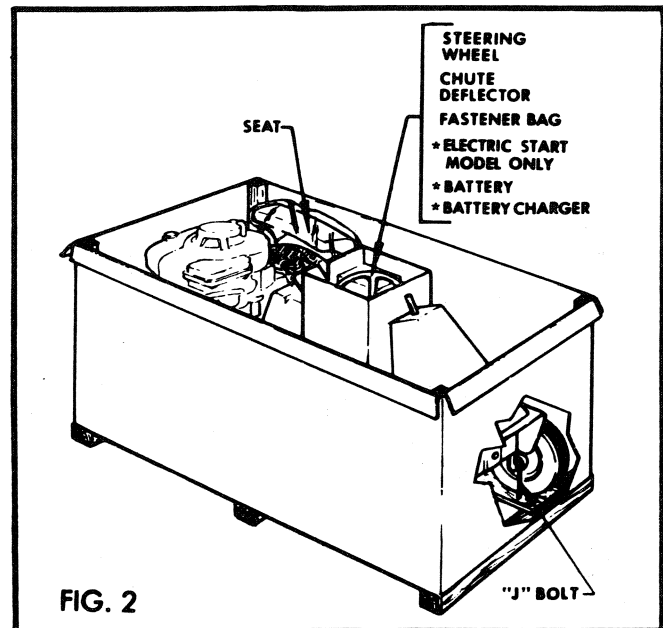


FIG. 2

## CHUTE DEFLECTOR

Assemble the Chute Deflector to the Cutter Housing with hex head cap screws and lock nuts (included in fastener bag) as shown in FIG. 3.

**WARNING: DO NOT OPERATE THE MOWER WITHOUT THE CHUTE DEFLECTOR OR A GRASS BAG INSTALLED!**

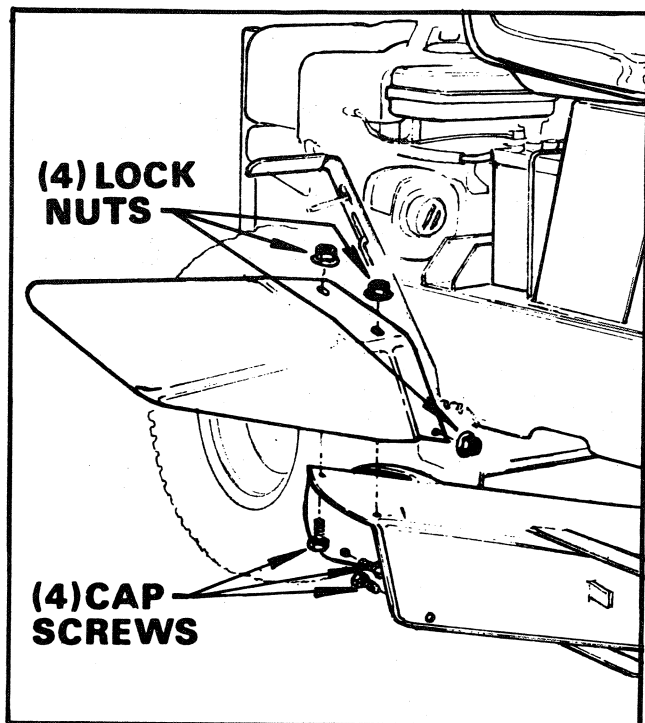


FIG. 3



## ASSEMBLY cont.

### ELECTRIC START MODEL

Carefully remove the Battery from carton and activate the Dry-Charge Battery BEFORE installing it on the rider.



#### WARNING

##### POISON/CAUSES SEVERE BURNS

BATTERY ACID IS SULFURIC ACID — AVOID CONTACT WITH SKIN, EYES OR CLOTHING. USE EXTREME CAUTION WHEN FILLING BATTERY! SHOULD ANY ACID BE SPILLED ON YOUR PERSON, CLOTHING OR BATTERY — WASH OFF IMMEDIATELY!! NEUTRALIZE WITH SODA OR AMMONIA SOLUTION. **ANTIDOTE: INTERNAL** — DRINK LARGE QUANTITIES WATER OR MILK. FOLLOW WITH MILK OR MAGNESIA, BEATEN EGG OR VEGETABLE OIL. CALL PHYSICIAN IMMEDIATELY. **EYES:** FLUSH WITH WATER FOR 15 MINUTES AND GET PROMPT MEDICAL ATTENTION.

#### KEEP OUT OF THE REACH OF CHILDREN!

**FILL:** Carefully fill each cell with acid until it becomes visible at bottom of filling tube. Temperature of acid should be room temperature. Use extreme CAUTION when filling.

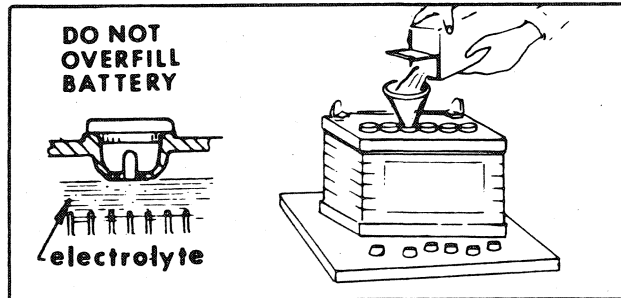


FIG. 4



**CAUTION:** Battery acid is corrosive to metals. Do not pour into any sink or drain. Before discarding, rinse and mutilate electrolyte container.

**CHARGING:** Loosen or remove the battery filler caps during the charge cycle.

Connect the Battery Charger to the Battery as follows, BEFORE plugging into AC outlet:

- Connect Red POSITIVE (+) Charger Clip to POSITIVE (+) Battery Terminal.
- Connect Black NEGATIVE (—) Charger Clip to NEGATIVE (—) Battery Terminal. (If there is any sparking, the clips are not connected to the proper terminal . . . reverse the connection IMMEDIATELY!)
- Make sure all connections are secure.
- Connect the line cord to AC outlet and charge with 1 amp Charger for 24 hours prior to use.

Leave caps off for approximately twenty minutes to allow gases to escape.

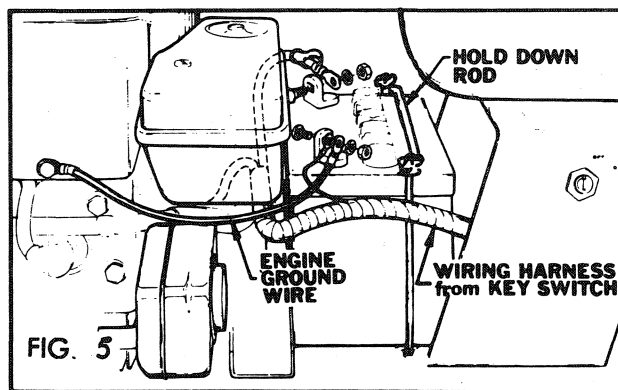


#### DANGER

BATTERIES PRODUCE EXPLOSIVE GASES. KEEP SPARKS, FLAME, CIGARETTES AWAY. VENTILATE WHEN CHARGING OR USING ENCLOSED SPACE. ALWAYS SHIELD EYES WHEN WORKING NEAR BATTERIES.

#### INSTALLATION:

Fasten the battery to the mower with the hold down rod, the washers, and the wing nuts. Connect the engine ground wire and the wiring harness wires to the battery using carriage bolts, lock washers, and nuts. See FIG. 5.



## BEFORE OPERATION

- **READ THIS MANUAL . . .** Become completely familiar with the controls and operation before actual use of the rider.
  - **READ . . .** the safety section of this manual.
  - **FILL . . .** crankcase with oil.
  - **FILL . . .** the fuel tank with clean, fresh "regular" grade gasoline. DO NOT MIX OIL WITH GASOLINE.
  - **CHECK . . .** the battery liquid level.
  - **CHECK . . .** the oil level of the transaxle.
  - **CHECK . . .** the air pressure in the tires. See Specifications.
- All accessories and attachments have their own manual. Be sure to read such manuals thoroughly for proper assembly and operating instructions.

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