

SECTION 2 DEALER PREPARATION

2-1 GENERAL.

2-1.1 The Series 2000 tractors covered in this manual are shipped from the factory fully assembled. Engine oil has been added and the unit has been lubricated at the factory. However, it is a good practice to check the entire unit during the preparation process. Refer to Table 2-1 for a PRE-DELIVERY CHECK LIST which can be used as a guide to ensure a comprehensive inspection is performed when each unit is prepared for delivery. Lubrications guides can be found in Section 3 of this manual.

2-1.2 Tractors are shipped with a dry battery. Electrolyte must be added and the battery activated. Refer to paragraph 2-2 for proper battery activation procedures.

2-2 BATTERY ACTIVATION.



CAUTION

Proper activation of the battery will affect its life and performance. Failure to follow these steps can cause premature failure of the battery.

2-2.1 Activate battery with electrolyte as follows:



WARNING

Battery cables must be disconnected in the proper order to avoid arcing. When disconnecting cables from the battery, ALWAYS remove the negative cable first, and then remove the positive cable.



WARNING

Electrolyte is diluted sulfuric acid. Use extreme care to avoid spilling and to avoid contact with skin and eyes. Acid can destroy clothing and burn your skin. Should acid come in contact with your skin, flush the area immediately with clean cold water. If acid spills on clothing, first dilute with clean water, then neutralize with a solution of baking soda and water.

1. Remove the battery from the tractor and place on a work bench or table.
2. Fill each cell to the top of the plates with electrolyte.
3. Allow the battery to sit 30 minutes. This will allow the chemical action to take place between the electrolyte and battery plates.



NOTE

When the battery is charged, the heat will cause expansion of the electrolyte.

4. Re-check the electrolyte level and, if necessary, add electrolyte to completely cover the plates.
5. Connect the charger to the battery per instructions with the charger.



CAUTION

Charging the battery at more than the recommended 4 AMPS will shorten the service life of the battery, and may cause the plates to warp and short out the battery.

6. Charge the battery at 4 AMPS maximum until the specific gravity of each cell is 1.250 or higher.
7. Check the level of electrolyte in all cells and add, if necessary, to bring level up to split ring.
8. Wash off any spilled electrolyte.



WARNING

Battery cables must be installed in the proper order to avoid arcing. When connecting cables to the battery, ALWAYS connect the positive cable first, then connect the negative cable.

9. Install the battery in the tractor and connect the POSITIVE battery cable to the positive terminal of the battery.
10. Connect the NEGATIVE battery cable to the negative terminal of the battery.

Table 2-1. Pre-Delivery Check List

CUSTOMER NAME _____ MODEL NUMBER _____
CUSTOMER ADDRESS _____ SERIAL NUMBER _____
CITY _____ STATE _____ ZIP _____ TECHNICIAN _____

ENGINE INFORMATION
Engine Make _____
Model No. _____
Serial No. _____
Spec No. _____

TRANSMISSION INFORMATION
Transmission make _____
Model No. _____
Serial No. _____

CUSTOMER SIGNATURE _____ DATE _____

Operator's manual complete?

- Owners manual
- Attachment guide
- Merchandising Catalog

Battery and connections

- Remove battery and fill to proper level
- Allow battery to stand for 30 minutes
- Charge at 4 AMPS max. to 1.265 specific gravity

Tire pressure

- Front
 - Rear
- * Refer to owners manual for proper PSI

Check all lights and indicators

- Headlights
- Low oil light
- Hour meter

Lubrication

- Transmission oil level
 - Engine oil level
- * Check tractor owners manual for type and grade

Air cleaner and connections

- Remove air cleaner cover to verify air cleaner is installed
- Insure retaining bolt seal is installed
- Insure proper installation of breather hose
- Proper operation of throttle and choke cables

Steering

- Check for 1/8 to 1/4 inch toe in.
- Insure equal travel right and left

Hydrostatic / Gear drive and brakes

- Check brakes
- Check for neutral when brake pedal is depressed
- Check for neutral when forward and reverse pedals are released
- Neutral interlock adjustment (6 Speed only)

Grease pivot points

- Front axle pivot bar
 - Each steering knuckle
 - Each front wheel
 - Steering housing
 - All grease points on mower deck
- * Refer to specific mower owners manual

Install attachments mower / snow blower etc.

- Check PTO air gap if applicable
- Follow burnishing procedures outlined in owners manual
- Adjust lift assist spring and inspect linkage
- Deck level adjustment

Safety operations

- Check no cut in reverse
- Check engine shutdown with PTO engaged and seat empty
- Check engine shutdown with empty seat and parking brake not engaged

Check engine speeds / Controls

- Low idle - 1200 RPM
- High idle - 3600 RPM

Final inspection

- Overall appearance
- Clean and polish