

GRAVELLY **BATTERY SERVICE**

PROCEDURE FOR ACTIVATING DRY CHARGE BATTERIES

SET-UP

Step 1:

The battery and electrolyte should be at room temperature (at least 65°F) before activation.

Step 2:

Fill each cell so the plates and separators are covered with 1.265 specific gravity electrolyte.

Step 3:

Let the battery stand for 20 minutes, then place on charge.

Step 4:

For Gravely part number 7274P1 (800 series, 400 series, C-10A, C-12, 7.6) charge at either:

- a. 30 amps for 20 minutes
- b. 15 amps for 40 minutes
- c. 6 amps for 100 minutes

For Gravely part number 15256P1 (408) charge at:

- a. 6 to 8 amps for 20 minutes.

For both battery sizes make certain that the specific gravity is 1.255 - 1.265 at 80°F.

Step 5:

After charging, check electrolyte level in all cells. Fill with electrolyte as required so the plates and separators are covered. Remove all moisture from the battery case.

Field Maintenance

1. Maintain electrolyte level just above the plates and separators by adding water as needed. NEVER ADD ELECTROLYTE.
2. Keep the battery clean of corrosive acid, moisture, dirt and debris. These liquids and materials, if allowed to collect on the top of the battery, will cause self-discharge of the battery.
3. If the tractor is not in use for three weeks or longer, the battery should be charged before again using at the following rates:

Gravely part number 7274E1 (800 series, 400 series, C-10A, C-12, 7.6 tractors)
5 amps for 8 hours

Gravely part number 15256E1 (408 tractor)
5 amps for 5 hours

A battery that is allowed to stand in a discharged condition will sulfate and become unservicable.

In cold climates, a frequent charge at the above rates will help insure a longer life for the battery.

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