

Battery

Base Part Number: Base Part Number: 10655

General Equipment

Diagnostic Battery Charger

Battery Condition Test

Battery condition is determined by measuring battery terminal voltage after a specific discharge current is applied for a specified time period.

Visual Inspection and Diagnostic Pre-checks

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.

REFER to: [Diagnostic Methods](#) (100-00 General Information, Description and Operation).

- Inspect wiring, terminals and connectors.
- Inspect the battery.
- Inspect battery mounting.
- Inspect high current BJB connections.

1. Use Ford approved battery test equipment.
 - Midtronics MDX-650 or P-300/P-600/490/1050
 - Midtronics GRX-3590 or 3000

PINPOINT TEST A : BATTERY CONDITION TEST

A1 TEST THE BATTERY CONDITION

NOTE: *Failure to fully charge the battery before retesting may cause false readings.*

- Using the Diagnostic Battery Charger and the battery cables removed from the battery, verify the battery condition.

Is the battery OK?

Yes	RETURN the battery to service.
No	If the analyzer reads REPLACE BATTERY or REPLACE-BAD CELL, INSTALL a new battery. REFER to: Battery (414-01 Battery, Mounting and Cables, Removal and Installation).