

CHRYSLER 2004 300M

PRECAUTIONS

Warning: The battery is vented to release excess hydrogen gas that is created when the battery is being charged or discharged. However, even with these vents, hydrogen gas can collect in or around the battery. If hydrogen gas is exposed to flame or sparks, it may ignite. Do not smoke, use flame, or create sparks near the battery. Personal injury and vehicle damage may result. The battery contains sulfuric acid, which is poisonous and caustic. Avoid contact with the skin, eyes, or clothing. In the event of contact, flush with water and call a physician immediately. Keep out of reach of children.

Warning: To protect hands from battery acid, a suitable pair of heavy duty rubber gloves, not the household type, should be worn when removing or servicing a battery. Safety glasses also should be worn. Remove metallic jewelry worn on hands or wrists to avoid injury by accidental arcing of battery current.

Warning: Do not allow jumper cable clamps to touch each other when connected to a booster source. When using a high output boosting device, do not allow a conventional battery to exceed 16 volts. Never exceed 14.4 volts when charging a spiral cell battery. Personal injury and/or battery damage may result.

Use care when disconnecting the bat-

tery vent tube from the battery. The vent tube nipple is made of plastic and is easily damaged if not disconnected properly.

It is important that the battery, starting system, and charging system be thoroughly tested and inspected any time a battery needs to be charged or replaced. The cause of abnormal discharge, over charging or early battery failure must be corrected before a battery is replaced or returned to service.

The battery Group Size number, the Cold Cranking Amperage (CCA) rating, and the Reserve Capacity (RC) rating or Ampere-Hours (AH) rating can be found on the original equipment battery label. Be certain that a replacement battery has the correct Group Size number, as well as CCA and RC or AH ratings that equal or exceed the original equipment specification for the vehicle being serviced.

BATTERY

Removal

This vehicle is equipped with a single, 12-volt, maintenance-free battery located under the hood on the lefthand side of vehicle.

1. Verify that ignition switch and all accessories are "OFF."
2. Turn steering wheel to full righthand position.
3. Disconnect and isolate battery ground cable remote terminal from remote battery post.

4. Remove air cleaner housing.
5. Remove battery splash shield.
6. Disconnect heater blanket cord, if equipped, **Fig. 1**.
7. Remove two short bolts from battery hold down, and remove hold down.
8. Slide battery toward rear of vehicle.
9. Disconnect battery ground cable and positive cable from battery.
10. Remove battery and battery heater blanket from battery tray as a unit, if equipped. Carefully slide heater blanket straight off battery, **Fig. 1**.

Installation

Do not over tighten battery cable clamps, damage to clamps can result.

1. Clean and inspect battery heater blanket, if equipped.
2. Install battery heater blanket on battery, if equipped.
3. Position battery in battery tray.
4. Connect battery positive and battery ground cables. **Torque** battery cable clamp nuts to 150 inch lbs.
5. Connect heater blanket cord, if equipped.
6. Install battery hold down, and install hold down bolt. **Torque** bolt to 150 inch lbs.
7. Install battery splash shield.
8. Install air cleaner housing.
9. Connect battery ground cable remote terminal at remote battery post.

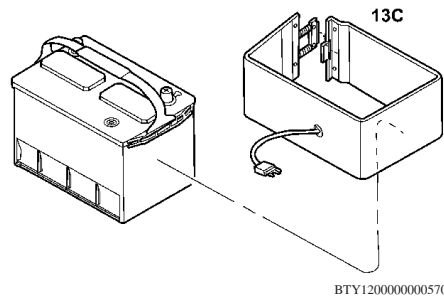


Fig. 1 Battery heater blanket removal

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