

# CHRYSLER

## 2001-10 PT Cruiser

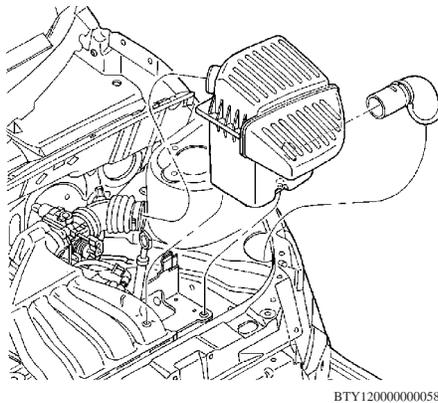
### PRECAUTIONS

**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 the disabled vehicle's battery to exceed 16 volts. Personal injury or damage to electrical system can result.

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



**Fig. 1 Air cleaner housing removal**

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

The battery is a 12-volt, top post, non-servicable unit located underneath the air

cleaner box in the lefthand front corner of the engine compartment.

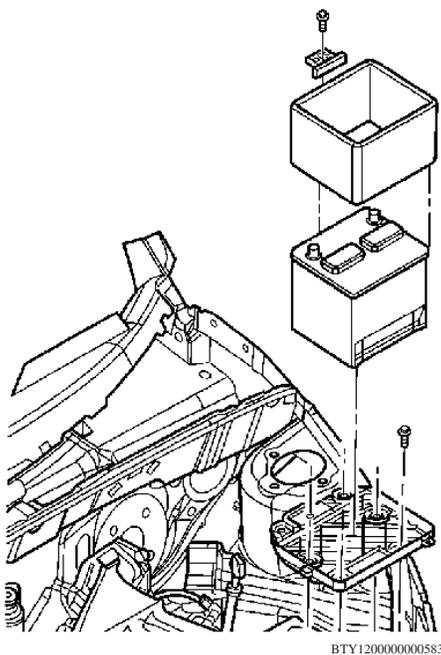
Ensure that the rubber grommets for the lower pins are in place when reinstalling the air cleaner box. The rubber grommet for the Power Distribution Center (PDC) bracket must be installed also.

1. Verify that ignition switch and all accessories are "Off."
2. Open hood.
3. Remove air cleaner housing, **Fig. 1**.
4. Disconnect and isolate battery ground cable, then disconnect and remove positive cable.
5. Loosen bolt and retainer that holds battery down to tray, **Fig. 2**.
6. Lift battery out of battery tray and remove from vehicle.
7. Remove thermowrap from battery, **Fig. 3**.

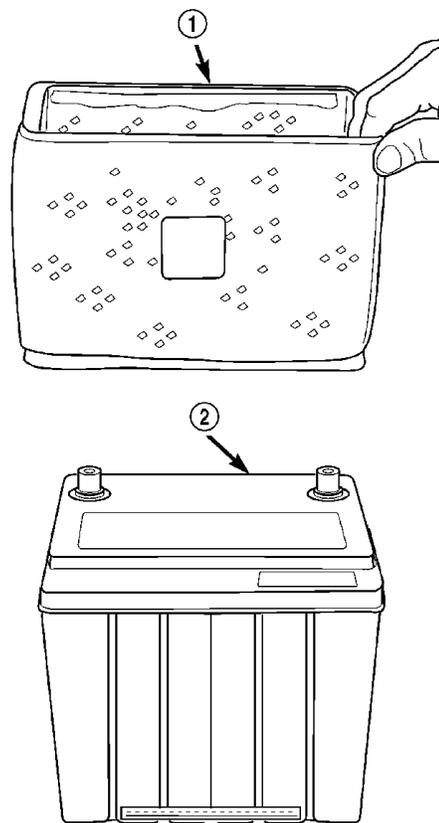
### Installation

When replacing the battery, the thermowrap must be transferred to the new battery.

1. Install battery in vehicle, making sure that thermowrap is present and battery is properly positioned on battery tray.
2. Install battery hold down clamp, making sure that it is properly positioned on battery. **Torque** hold down bolt to  $110 \pm 10$  inch lbs.
3. Connect positive cable clamp to battery post, then install battery ground cable.
4. **Torque** battery cable clamp nuts to  $110 \pm 10$  inch lbs.
5. Close hood.
6. Verify operation of vehicle and systems.



**Fig. 2 Battery removal**



**Fig. 3 Battery thermowrap removal**

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