



TECH TIPS

Dixie Part Numbers: A-8848

Applications: 2001 Chrysler PT Cruiser with a factory-installed subwoofer (part number 82205894).

Condition: The vehicle may exhibit no start conditions including slow and/or hard starting.

Cause: The conditions could be caused by low battery voltage as a result of excessive quiescent (ignition off) draw. Anything greater than 20 milliamps is considered excessive in this application.

Correction: Verify that the vehicles charging system is functioning properly before performing this diagnostic procedure. If a problem exists, make the necessary repairs before following these procedures.

The quiescent current draw changes over time as different vehicle components have different shut off times after the ignition is turned off. To ensure an accurate reading is obtained perform the following:

- Turn the ignition off
- Pull the fuse out of the Power Distribution Centre and wait 30 seconds, this will reset the EATX.
- Disable the hood security switch, if fitted on the vehicle and close all the doors and lift the tailgate.
- Pull the ignition off fuse (IOD) for 30 seconds. It will only come ½ out because of the plastic holder, this is normal, it was designed this way so that it won't get lost if the owner pulls the fuse when the vehicle is not being used for an extended period. This will reset the instrument cluster and alarm and keyless entry (ARKEM) module.
- Measure the quiescent draw, the reading should be 20 milliamps or less.
- If the reading is higher than 20 milliamps and has the factory-installed subwoofer check if the repair harness has been installed.
- Open the rear left upper quarter trim panel, remove the screws attaching the lower quarter trim panel. This should expose the subwoofer wiring harness, examine the harness to see if there is a short jumper harness and relay between the vehicles wiring harness and the subwoofer. If not install 05093966 repair harness.
- Reinstall the panels in the reverse order.
- Recheck the quiescent draw.