

# CARDONE™ ProTech®

Supporting Today's Vehicle Technician



## Battery Not Charging After Replacement of Chrysler PCM

**Application** 1996-1998 Cherokee (XJ), Grand Cherokee (ZJ), Grand Cherokee (European Market) (ZG), Dakota (AN), Ram Truck (BR/BE), Ram Van (AB), Wrangler (TJ) and 1998 Durango (DN).

**Problem** No charging condition after replacing PCM.

**Cause** It has been found under certain "KEY ON" or momentary "KEY OFF" conditions, when the black connector is unplugged, the PCM may attempt to write information to the EEPROM processor within the PCM. Sometimes this inadvertent write will set the target charging voltage to 0 (Zero) volts. The result will prevent the charging system from charging the battery.

If this occurs, the only correction is PCM replacement. This problem may occur when a unit is being installed for testing purposes and then unplugged before the key is turned off. Reference TSB 18-21-98.

**Solution** Whenever any connector on the PCM is disconnected, the ignition switch must be in the "off" position for a minimum of 5 seconds before connector removal.



TYPICAL UNIT

**Note** This ProTech® bulletin is supplied as technical information only and is not an authorization for repair. Be sure to refer to the vehicle service manual and any applicable service bulletins for additional information.