



BRAKES

ENGINEERED SOLUTIONS

Bulletin BES 01-02

Subject: Red Brake Warning Light

Vehicle Involved: 2000 Pontiac Bonneville

Condition: Red brake warning light illuminated may or may not be base brake related.

Repair Procedure: Traditionally the Red Brake Warning light applied to conventional or base brake related problems. Many new vehicles such as the Pontiac Bonneville now incorporate systems that feature electronic rear proportioning.

Specifically the Pontiac mentioned above utilizes the Delco-Bosch 5.3 anti-lock braking system. This system now features electronic dynamic rear proportioning. Failure of this system illuminates the "Red Brake Warning Light".

Important: At this time, the Delco-Bosch 5.3 **BPMV/EB/TCM** (Brake Pressure Modulator Valve, Electronic Brake/Traction Control Module) should not be opened up and serviced internally.

With a capable scan tool, refer to **DRP/ABS/TCS/VSES** special functions. Select the **DRP** special function screen and record any diagnostic trouble codes. **DTC C1248** indicates a problem with the dynamic rear proportioning and may be the source for the illumination of the red brake warning light. Refer to the Vehicle Specific Shop Manual for DTC interpretation and diagnostics.