

Bulletin CQB 02-18

Subject: Low Brake Pedal

Vehicle Involved: 1997 and Earlier F350 Diesel Power Truck with Vacuum Brakes

Condition: Brake Pedal is Low and Creeping / Falling to the Floor

Repair Procedure: Many owners have realized a low or creeping down brake pedal on their trucks. This condition may be corrected with several possibilities as solutions. Bleeding the brake hydraulic system because of air contamination. Adjusting the drum brake mechanism to correct the shoe to drum gap tolerance. Replacing a defective electro hydraulic dump valve because of a defective dump solenoid. In addition an approved Ford repair to increase the master cylinder bore diameter by using a F450 Super Duty master cylinder specific to the vehicle being repaired. Lastly, a new repair possibility exists involving the vacuum booster on a diesel truck. If the condition occurs after the vehicle has come to a stop, and no other brake concerns are found the condition is considered normal as the result of the vacuum pump replenishing the vacuum inside the power booster. Ford has developed a Zero-Loss Travel brake booster to correct this condition if the customer finds this condition unacceptable. This part is only for use on diesel-powered trucks P/N F5TZ-2005-CA it is not a service replacement, it must be ordered by the part number specifically, not the vehicle application.