

NISSAN RE4F04B HARSH 1-2 UPSHIFT AND OR P0745 DTC.

COMPLAINT: Nissan Altima and Sentra 03-05, Maxima 03-04 and 04 Quest vehicles equipped with the RE4F04B or RE4F03B transmission may exhibit a complaint of a harsh 1-2 upshift or harsh shifts intermittently. This complaint may or may not be accompanied with a P0745 Electronic Pressure Control Electrical Circuit Fault. Note: the applied build dates for the vehicles listed above are between December 1, 2002 and August 27 of 2004.

COMPLAINT: The cause may be, the ground wire for the EPC solenoid, as shown in Figure 1, is loose in the eyelet under the valve body bolt that secures it, creating a poor ground, which in turn causes high pressure as well as the P0745 DTC.

CORRECTION: To correct this condition, refer to Figure 1 and lightly tug on the ground wire to the EPC solenoid. The wire should not move in the crimp. If the wire is a little loose, open the crimp clean the inside of the eyelet with a wire brush, re-crimp the wire back in the eyelet, then put a couple of drops of solder over the wire to secure it to the ground eyelet.

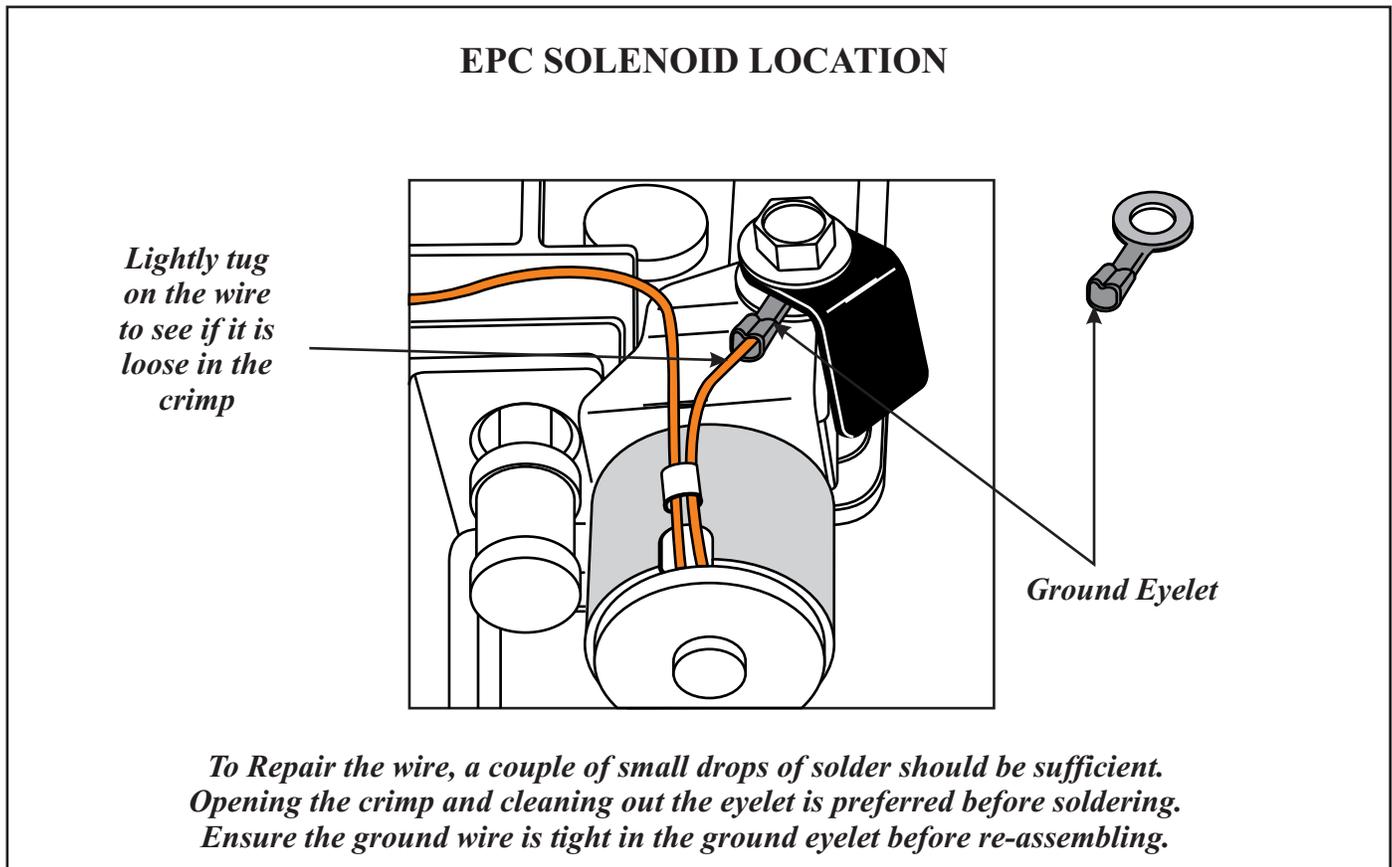


Figure 1