



Technical Bulletin #774

Transmission: 4T40E, 4T45E

Subject: Neutral flare and/or RPM flare while in drive, no 1-2 upshift, service engine soon light illuminated, DTC P1810, DTC P1815 set

Application: Cavalier, Malibu, Alero, Sunfire, Grand Am

Issue Date: June, 2003

4T40E, 4T45E

Neutral Flare and/or RPM Flare While In Drive, No 1-2 Upshift, Service Engine Soon Light Illuminated, DTC P1810, DTC P1815 Set

Condition

A neutral flare and/or RPM increase while in drive or no 1-2 upshift and/or the Service Engine Soon (SES) telltale may be illuminated. On 1995-2002 model vehicles, the Powertrain Control Module (PCM) may set a DTC P1810 while on 2003 model vehicles, the PCM may set a DTC P1815.

Cause

The cause may be the transmission fluid pressure (TFP) switch (also known as the pressure switch manifold (PSM)). It will be referred to as the TFP switch in this bulletin.

Correction

Follow the diagnosis and service procedure below to correct this condition.

1. Perform the following diagnostics to correctly repair this condition:
 - For diagnosis of DTC P1810, refer to DTC P1810 (SI Document ID #854362).
 - For diagnosis of DTC P1815, refer to DTC P1815 (SI Document ID #854374).

Important: Before installing the new TFP switch, inspect the date code stamped in the switch. The date code MUST BE 2308 or higher. Refer to Figure 1 on the next page.

2. Replace the TFP switch. Refer to Transmission Fluid Pressure (TFP) Manual Valve Position Switch Replacement (SI Document ID #803989).
3. Clear the code and road test the vehicle.

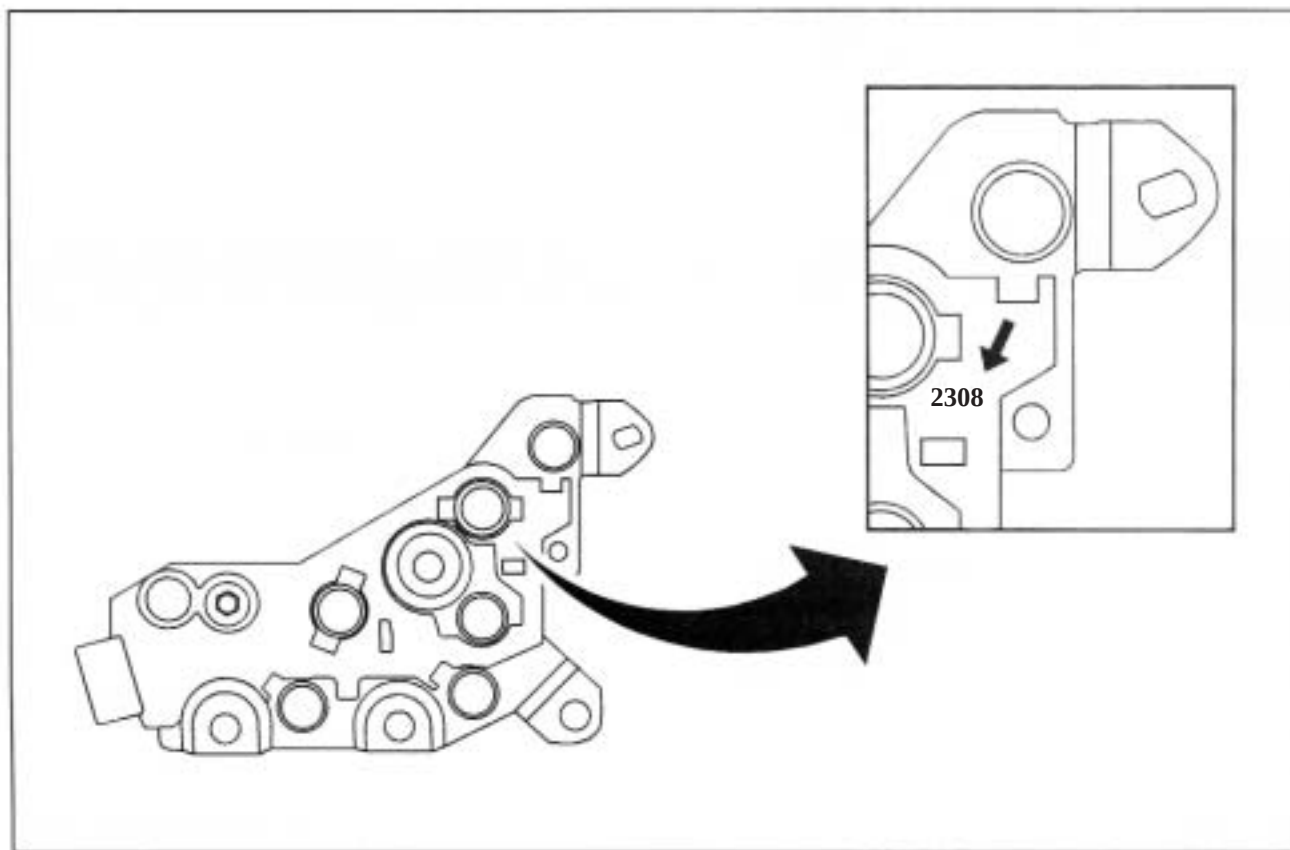


Figure 1

Parts Information

Part Number	Description	Qty
24226580	Switch, Transmission Fluid Pressur (TFP)	1

Parts are currently available from GMSPO.

*“Portions of this material were
supplied by GM Motors Corporation”*