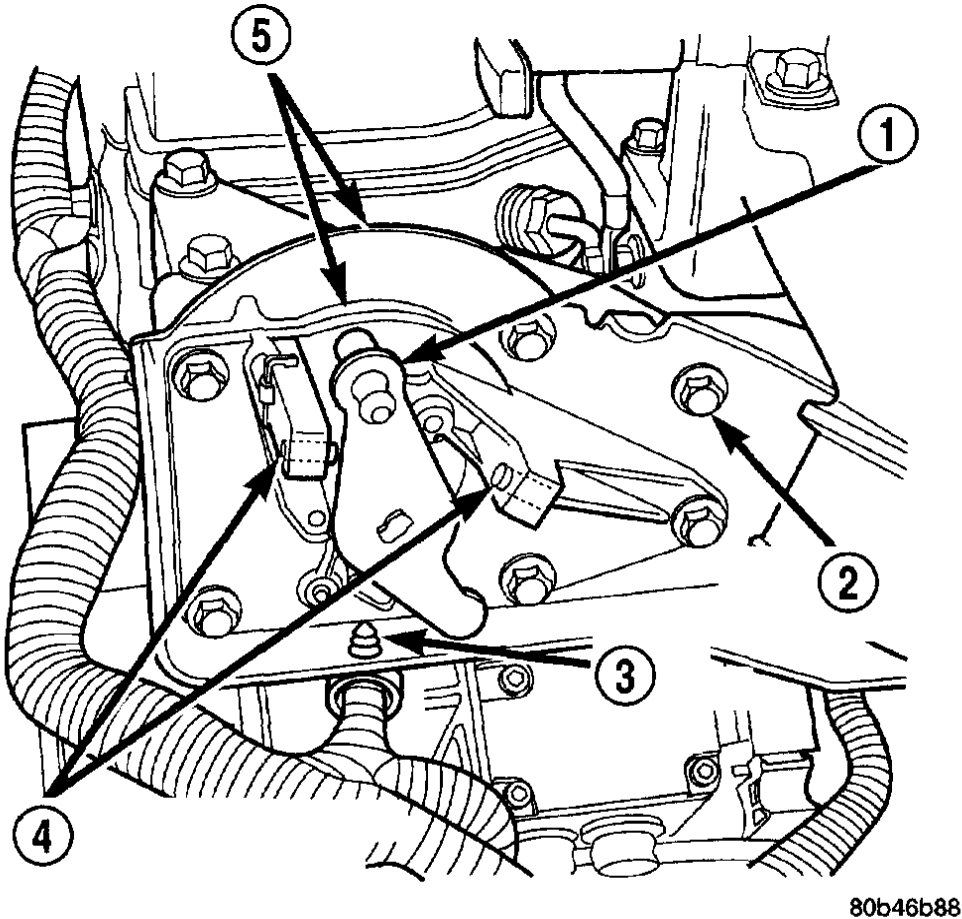


## COMPONENTS

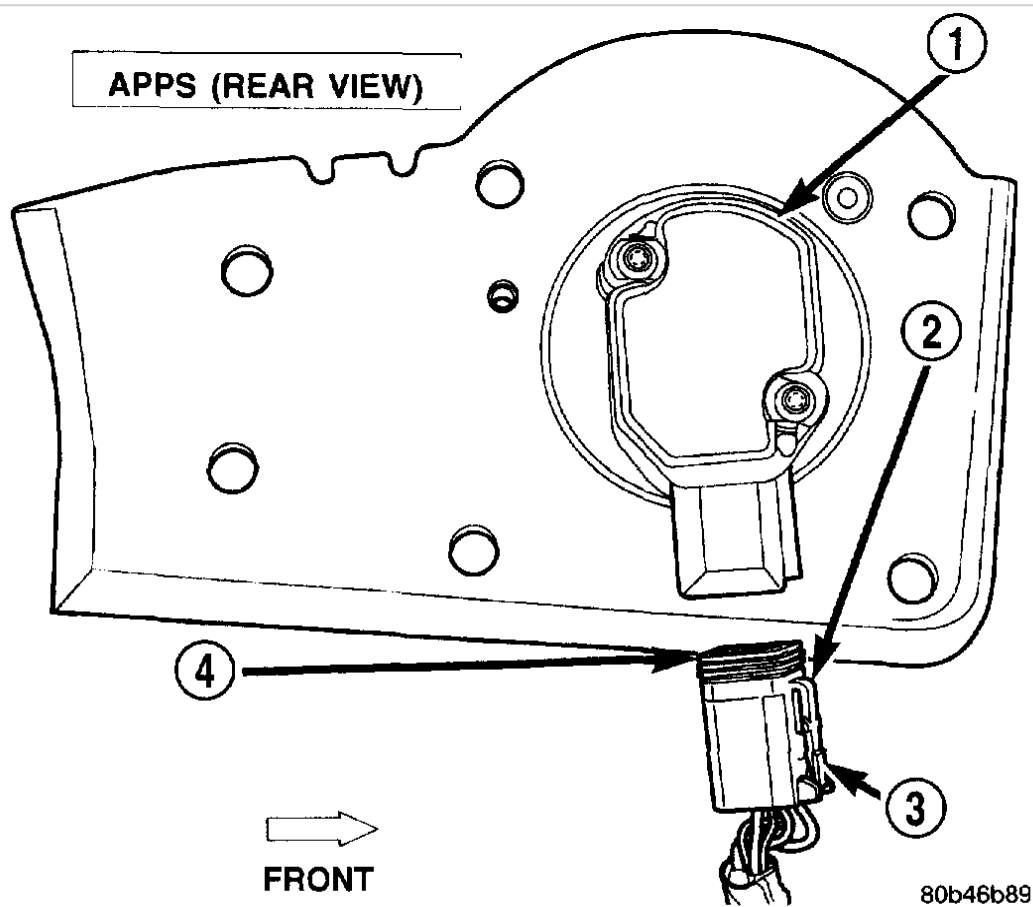
Fig. 4 APPS Assembly Location



***Fig. 4 APPS Assembly Location***

- 1 - LEVER
- 2 - MOUNTING BOLTS (6)
- 3 - WIRE HARNESS CLIP
- 4 - CALIBRATION SCREWS (NO ADJUSTMENT)
- 5 - APPS ASSEMBLY

Fig. 5 APPS Sensor Location (Rear View)



**Fig. 5 APPS Sensor Location (Rear View)**

- 1 - APPS
- 2 - TAB
- 3 - PUSH FOR REMOVAL
- 4 - APPS CONNECTOR

The APPS assembly is located at the top-left-front of the engine. A plastic cover is used to cover the assembly. The actual sensor is located behind its mounting bracket.

The Accelerator Pedal Position Sensor (**APPS**) is a linear potentiometer. It provides the Engine Control Module (**ECM**) with a DC voltage signal proportional to the angle, or position of the accelerator pedal. In previous model years, this part was known as the Throttle Position Sensor (**TPS**).

These engines used in previous model years used a mechanical cable between the accelerator pedal and the TPS lever. Linkage and bellcranks between the TPS cable lever and the fuel injection pump were also used. Although the cable has been retained with the APPS, the linkage and bellcranks between the cable lever and the fuel injection pump are no longer used.

The APPS is serviced (replaced) as one assembly including the lever, brackets and sensor. The APPS is calibrated and permanently positioned to its mounting bracket.

**CAUTION:** Do not attempt to remove sensor from its mounting bracket as electronic calibration will be destroyed (sensor-to-bracket mounting screws are permanently attached). Two accelerator lever set screws are used to position lever. Do not attempt to alter positions of these set screws as electronic calibration will be destroyed.

