

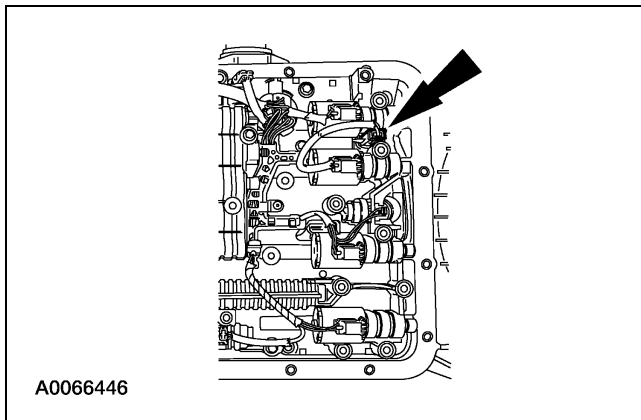
## IN-VEHICLE REPAIR

### Transmission Fluid Temperature (TFT) Sensor

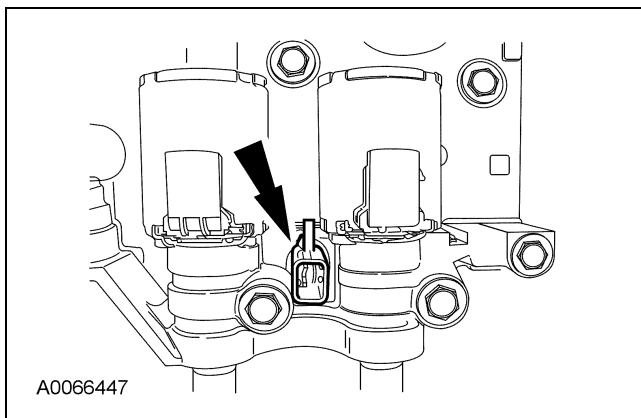
#### Removal

**NOTE:** The pressure switches shown in this procedure will not be applicable to all vehicle applications. Some vehicles will not have the pressure switches or the harness installed in the valve body.

1. Remove the transmission fluid pan gasket and filter. For additional information, refer to Fluid Pan, Gasket and Filter in this section.
2. Disconnect the transmission fluid temperature (TFT) sensor electrical connector.



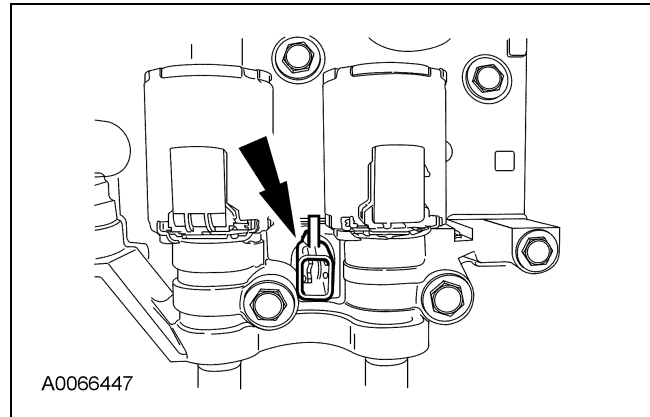
3. Press the tab, rotate the sensor counterclockwise and pull out.



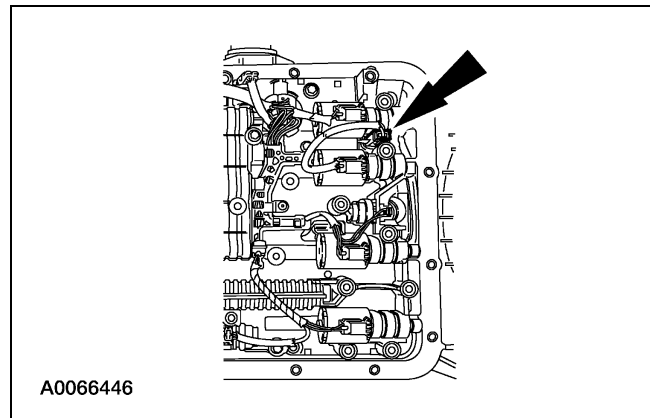
4. Inspect the O-ring. If O-ring is damaged install a new O-ring.

#### Installation

1. Lubricate and install a new TFT sensor. Make sure to slightly rotate the sensor to lock it in place.



2. Connect the TFT sensor electrical connector.



3. Install the transmission fluid filter, pan gasket and pan.
4. **CAUTION:** The use of any other transmission fluid than specified can result in the transmission failing to operate in a normal manner or transmission failure.

Fill the transmission.

- Add 7.0 liters (7.5 qts) of clean automatic transmission fluid to the transmission through the fluid filler tube.

5. Start the engine. Move the transmission range selector lever through all the gear ranges, checking for engagements.

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**IN-VEHICLE REPAIR (Continued)**

6. With the vehicle in NEUTRAL, engine running and the transmission at normal operating temperature 66-77°C (150-170°F), check and adjust the transmission fluid level, and check for any leaks. If fluid is needed, add fluid in increments of 0.24 liter (0.5 pint) until the correct level is achieved (fluid should be in the cross-hatched area of the fluid level indicator).
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