

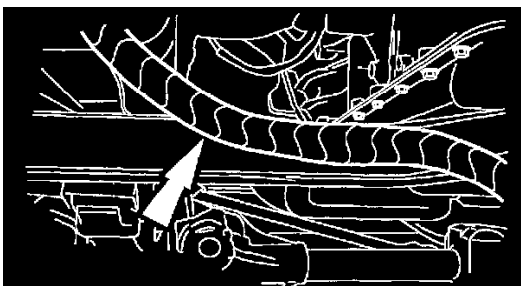
Transmission Speed Sensor: Service and Repair

Turbine Shaft Speed Sensor and Intermediate Shaft Speed Sensor

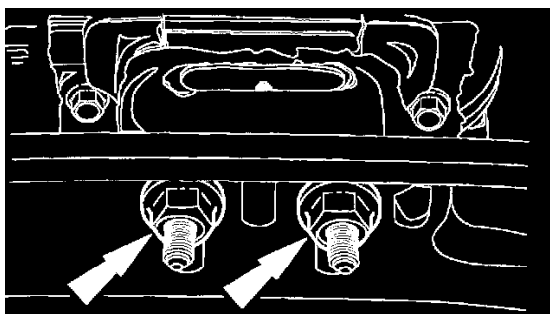
Turbine Shaft Speed (TSS) Sensor and Intermediate Shaft Speed Sensor

Removal

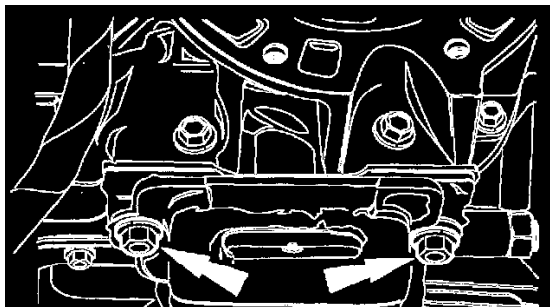
1. With the vehicle in NEUTRAL, position it on a hoist.
2. Install a suitable high-lift transmission jack.



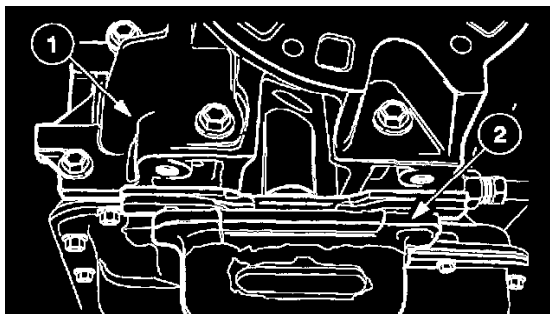
3. Remove the wire harness from the rear crossmember.



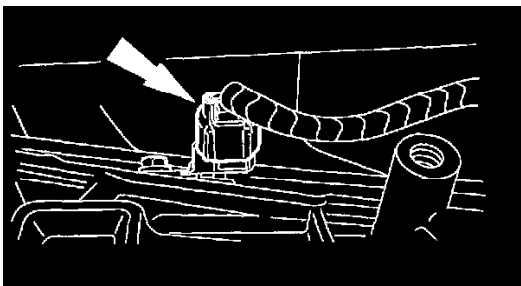
4. Remove the rear transmission mount nuts.



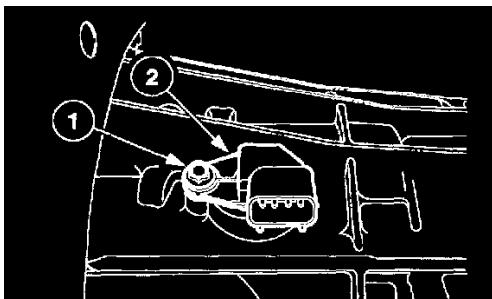
5. Remove the rear transmission mount bolts.



6. Remove the rear transmission mount.
 1. Raise the transmission upward, off the rear crossmember support.
 2. Remove the rear transmission mount.



7. Disconnect the intermediate shaft and turbine shaft combination speed sensor electrical connector.

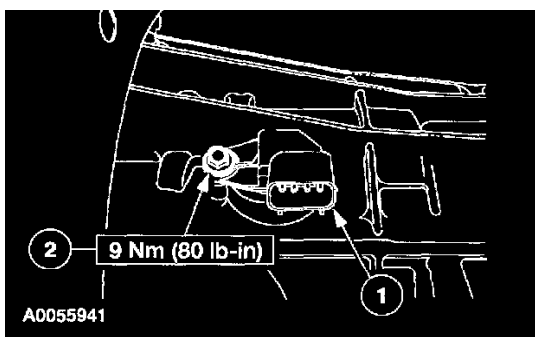


8. **NOTE:** Prior to removing the speed sensor, make sure that the area around the sensor is free of debris to prevent contamination of the transmission.

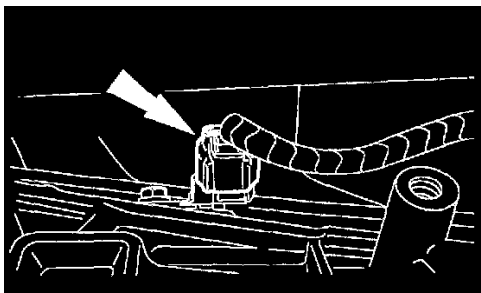
Lower the rear of the transmission enough to gain access to the intermediate shaft and turbine shaft combination speed sensor. Remove the intermediate shaft and turbine shaft combination speed sensor.

- 1 Remove the bolt.
- 2 Remove the intermediate shaft and turbine shaft combination speed sensor.

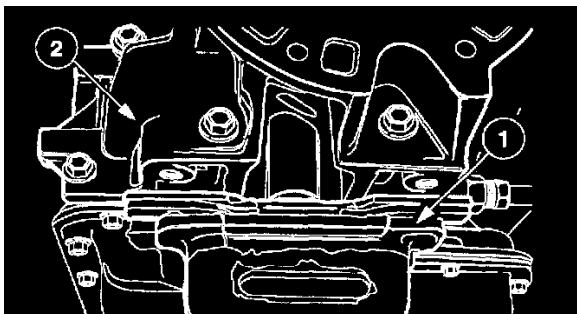
Installation



1. Install the intermediate shaft and turbine shaft combination speed sensor.
 - 1 Lubricate the O-ring and install the intermediate shaft and turbine shaft combination speed sensor.
 - 2 Install the bolt.

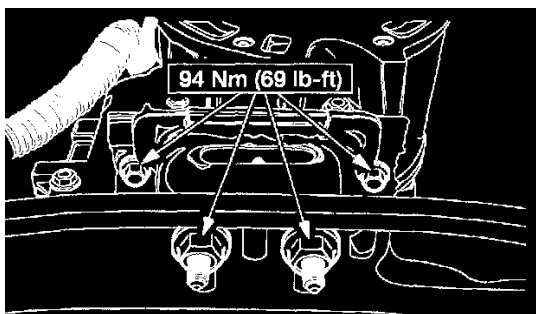


2. Connect the intermediate shaft and turbine shaft combination speed sensor electrical connector.

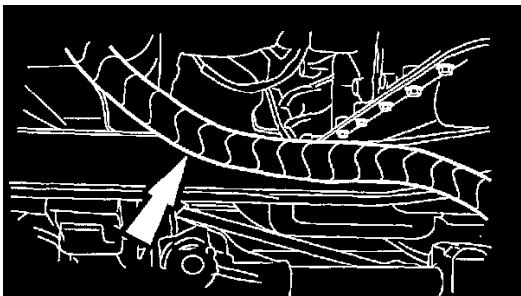


3. Install the rear transmission mount.

- 1 Install the rear transmission mount.
- 2 Lower the transmission onto the crossmember.



4. Tighten the rear transmission bolts and nuts.



5. Install the wire harness to the rear of the crossmember.