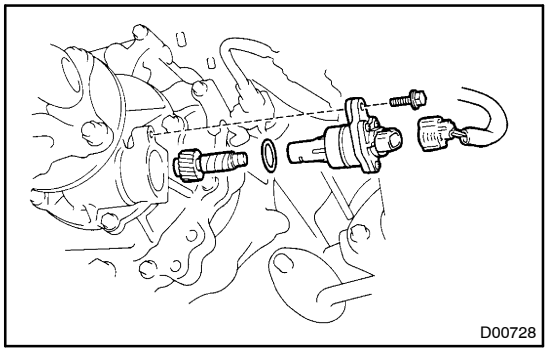



# VEHICLE SPEED SENSOR

AT11A–01

## ON–VEHICLE REPAIR

**1. DISCONNECT NO. 1 VEHICLE SPEED SENSOR CONNECTOR**

**2. REMOVE NO. 1 VEHICLE SPEED SENSOR ASSEMBLY**

(a) Remove the bolt and No. 1 vehicle speed sensor assembly.

(b) Remove the speedometer driven gear and O–ring from the No. 1 vehicle speed sensor.

**3. INSTALL NO. 1 VEHICLE SPEED SENSOR ASSEMBLY**

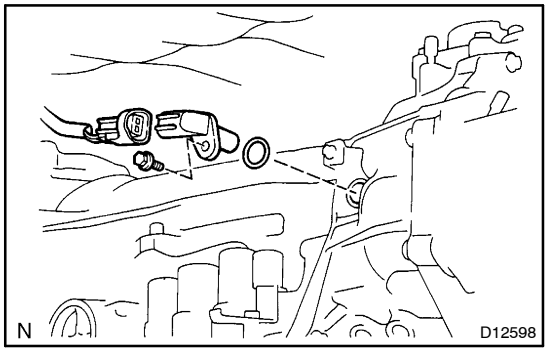
(a) Coat a new O–ring with ATF and install it to the No. 1 vehicle speed sensor.

(b) Install the O–ring and speedometer driven gear to the No. 1 vehicle speed sensor.

(c) Install the No. 1 vehicle speed sensor to the transfer adaptor and torque the bolt.

**Torque: 16 N·m (160 kgf·cm, 12 ft·lbf)**

**4. CONNECT NO. 1 VEHICLE SPEED SENSOR CONNECTOR**




**5. DISCONNECT NO. 2 VEHICLE SPEED SENSOR CONNECTOR**

**6. REMOVE NO. 2 VEHICLE SPEED SENSOR**

(a) Remove the bolt and No. 2 vehicle speed sensor.

(b) Remove the O–ring from the No. 2 vehicle speed sensor.

**7. INSTALL NO. 2 VEHICLE SPEED SENSOR**

(a) Coat a new O–ring with ATF and install it to the No. 2 vehicle speed sensor.

(b) Install the No. 2 vehicle speed sensor to the transmission case and torque the bolt.

**Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)**

**8. CONNECT NO. 2 VEHICLE SPEED SENSOR CONNECTOR**