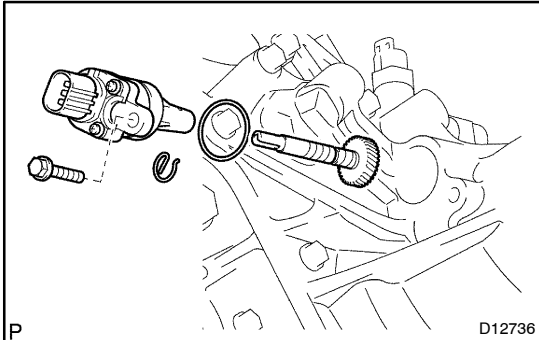


## VEHICLE SPEED SENSOR ON-VEHICLE REPAIR

AT09E-02

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



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

Remove the bolt and the No. 1 vehicle speed sensor.

3. **DISASSEMBLE NO. 1 VEHICLE SPEED SENSOR**

- (a) Remove the O-ring from the speedometer driven gear assembly.
- (b) Remove the clip and speedometer driven gear from the speedometer driven gear sleeve.

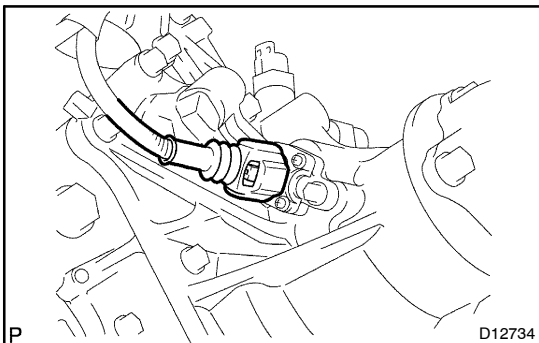
4. **ASSEMBLE NO. 1 VEHICLE SPEED SENSOR**

- (a) Install the speedometer driven gear and clip to the speedometer driven gear sleeve.
- (b) Coat a new O-ring with ATF.
- (c) Install the O-ring to the speedometer driven gear assembly.

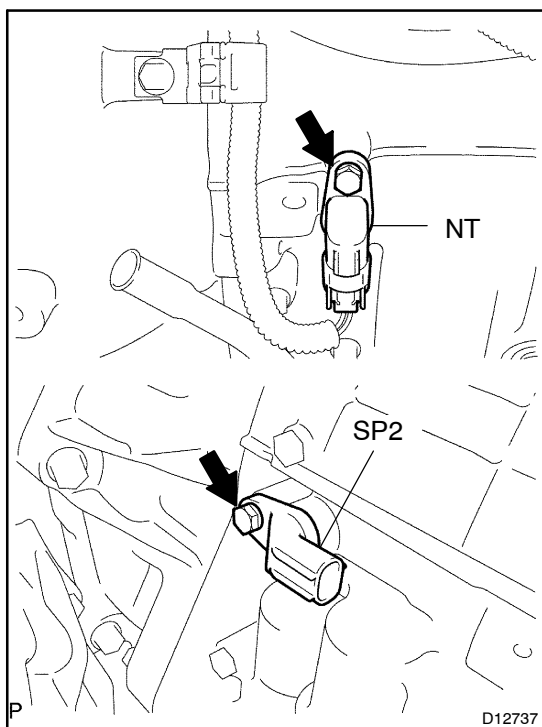
5. **INSTALL NO. 1 VEHICLE SPEED SENSOR**

Install the No. 1 vehicle speed sensor with the bolt.

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

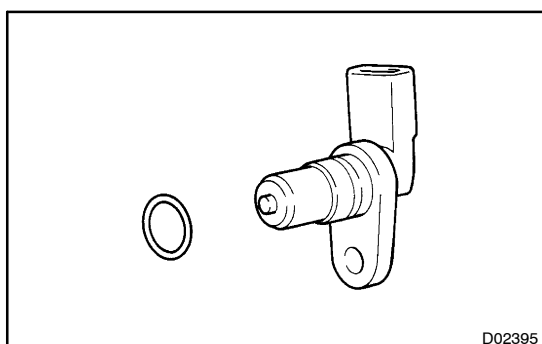


6. **CONNECT NO. 1 VEHICLE SPEED SENSOR CONNECTOR**



7. **DISCONNECT SPEED SENSOR CONNECTOR**
8. **REMOVE SPEED SENSOR NT AND SPEED SENSOR SP2**

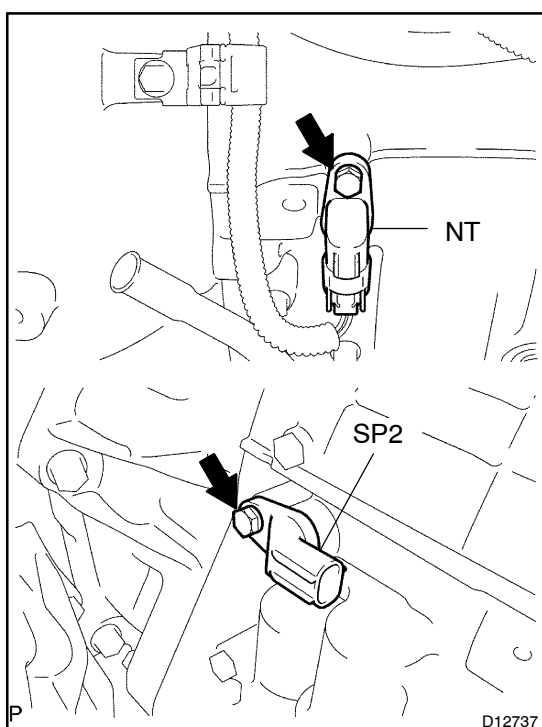
- (a) Remove the 2 bolts speed sensor NT and speed sensor SP2.



- (b) Remove the O-ring from the speed sensor NT and speed sensor SP2.

9. **INSTALL SPEED SENSOR NT AND SPEED SENSOR SP2**

- (a) Coat a new O-ring with ATF and install it to the speed sensor NT speed sensor SP2.



- (b) Install the speed sensor NT and speed sensor SP2 with the bolt.

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

10. **CONNECT SPEED SENSOR NT CONNECTOR AND SPEED SENSOR SP2 CONNECTOR**