



SERVICE BULLETIN

Classification: AT05-008	Reference: NTB05-078	Date: August 24, 2005
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2002 – 2006 ALTIMA AND 2004 MAXIMA; NO UP SHIFT AFTER TRANSMISSION REPLACEMENT

APPLIED VEHICLES: 2002 – 2006 Altima (L31) with 4 speed A/T.
2004 Maxima (A34) with 4 speed A/T.

IF YOU CONFIRM

After installing a replacement transmission, it will not up shift from 1st or 2nd gear,
and

DTCs P0720 and P1574 are stored,

DETERMINE IF

The Turbine Revolution Sensor and the Vehicle Speed Sensor-AT (Revolution Sensor) are connected correctly (not switched). See the Service Procedure.

ACTION

Unplug (disconnect) the Turbine Revolution Sensor and the Vehicle Speed Sensor-AT (Revolution Sensor), switch them, then reconnect them correctly.

IMPORTANT: The purpose of "ACTION" (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire Service Procedure (starting on page 2) as it contains information that is essential to successfully completing this repair.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

SERVICE PROCEDURE

1. Check the 2 connectors on the rear left side (driver side) of the transmission for correct installation (see Figure 1). Make sure they're not switched.
 - The connector with the white sleeve on the harness should be plugged into the upper outer sensor (Vehicle Speed Sensor-AT—Revolution Sensor).
 - The connector with no marking on the harness should be plugged into the lower inner sensor (Turbine Revolution Sensor).

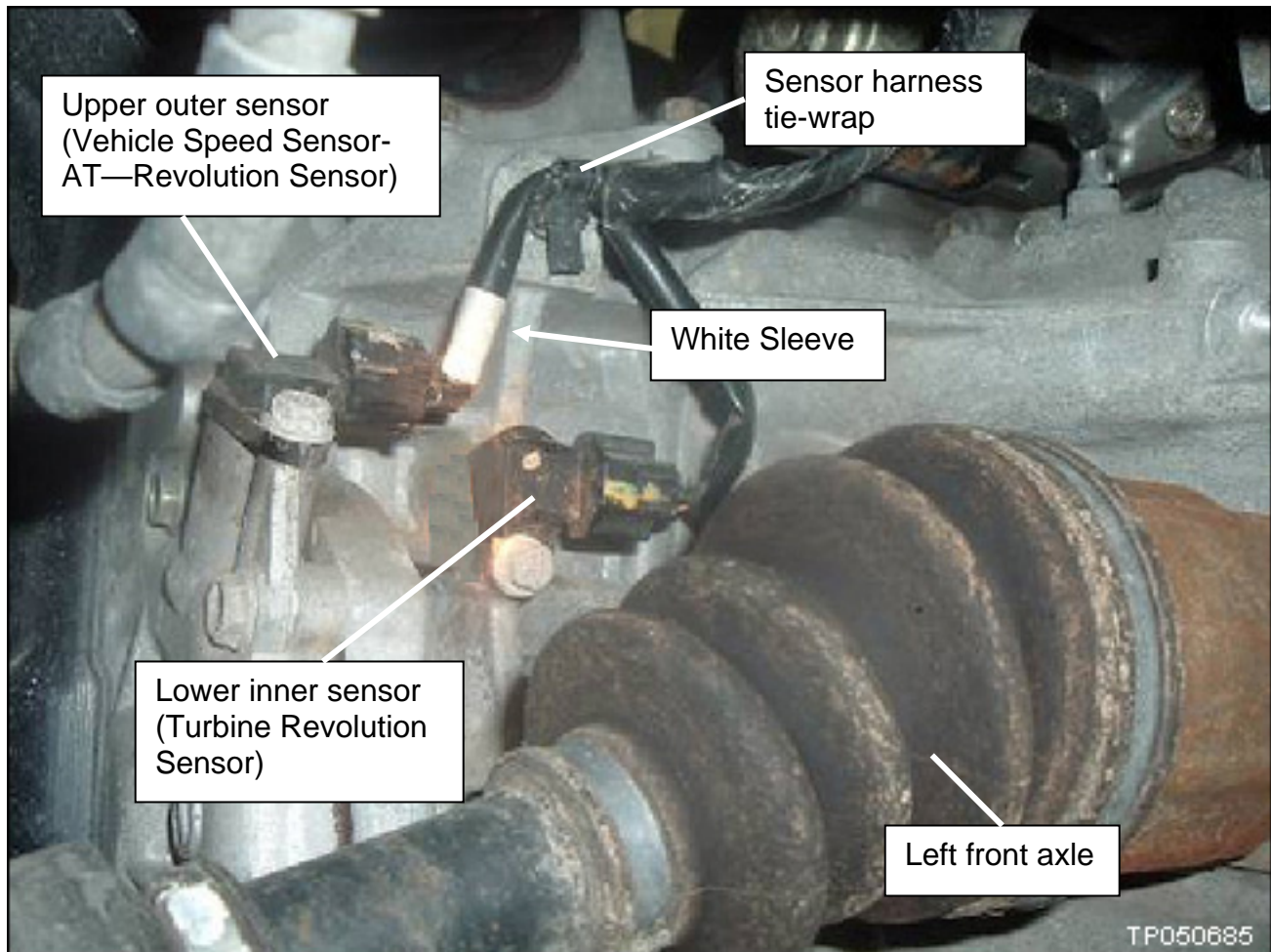


Figure 1

- a. If the connectors are installed as described above, this bulletin does not apply. Go back to ASIST for further diagnostic and repair information.
- b. If the connectors are **not** installed as described above; switch them so they are. Reconnect them and secure the sensor harness tie-wrap into the attachment hole as shown in Figure 1.

NOTE: If the harness tie-wrap is properly secured in the attachment hole, the connector with the white sleeve will not reach the lower sensor.

2. Using CONSULT-II, make sure all DTCs are cleared.

3. Test-drive the vehicle. Make sure the transmission is shifting normally through all gears.

