



SERVICE BULLETIN

Classification:

EC08-018

Reference:

NTB08-088

Date:

September 16, 2008

2004 – 2009 TITAN AND ARMADA; DTC P0335

APPLIED VEHICLES: 2004 – 2009 Titan (A60)

2004 – 2009 Armada (TA60)

IF YOU CONFIRM

DTC P0335 CKP SENSOR (POS) – Crankshaft Position Sensor – is stored,
and

When the DTC is erased, it resets immediately with the engine running,
and

The engine runs rough.

ACTIONS

Make sure the **Crankshaft** Position Sensor and the **Camshaft** Position Sensor are installed in the correct locations.

NOTE:

- The **Crankshaft** Position Sensor and **Camshaft** Position Sensor look identical (see Figure 1).
- When servicing / repairing the vehicle, or during a previous repair, it's possible to install these sensors in the wrong locations:
 - Locations swapped, or
 - Two of the same sensor installed



Figure 1

- Refer to the sensor identification information on the following pages.

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.

CAMSHAFT / CRANKSHAFT POSITION SENSOR IDENTIFICATION INFORMATION

- The **Crankshaft** Position Sensor is located at the lower front of the transmission.

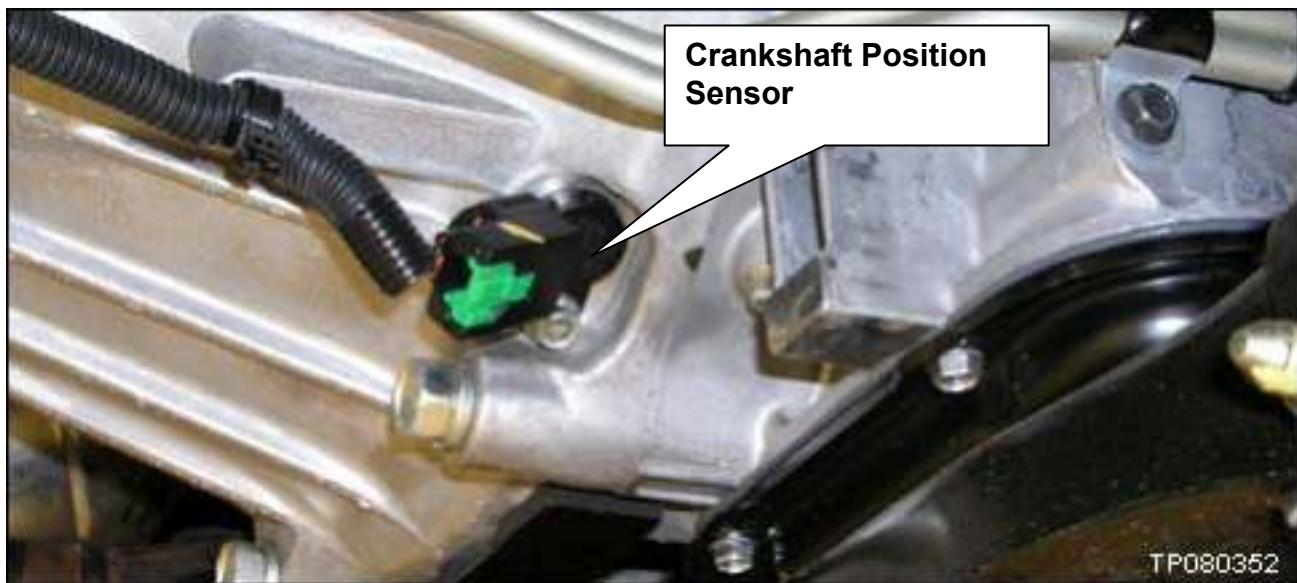


Figure 2

- The **Camshaft** Position Sensor is located at the front of the driver side cylinder head (Bank 1).



Figure 3

NOTE: 2007 to 2009 Applied Vehicles are equipped with Intake Valve Timing Control Position Sensors (Bank 1 and Bank 2). These sensors are identical to the Camshaft Position Sensor. All three sensors shown in Figure 3 use the same Nissan Part Number.

- Refer to the Nissan parts system (FAST or equivalent) to get the appropriate sensor Part Number for the model year vehicle you are working on.
- To identify a Crankshaft or Camshaft position sensor that has been removed from its package, compare the sensor to Figures 4 and 5.

Crankshaft Position Sensor

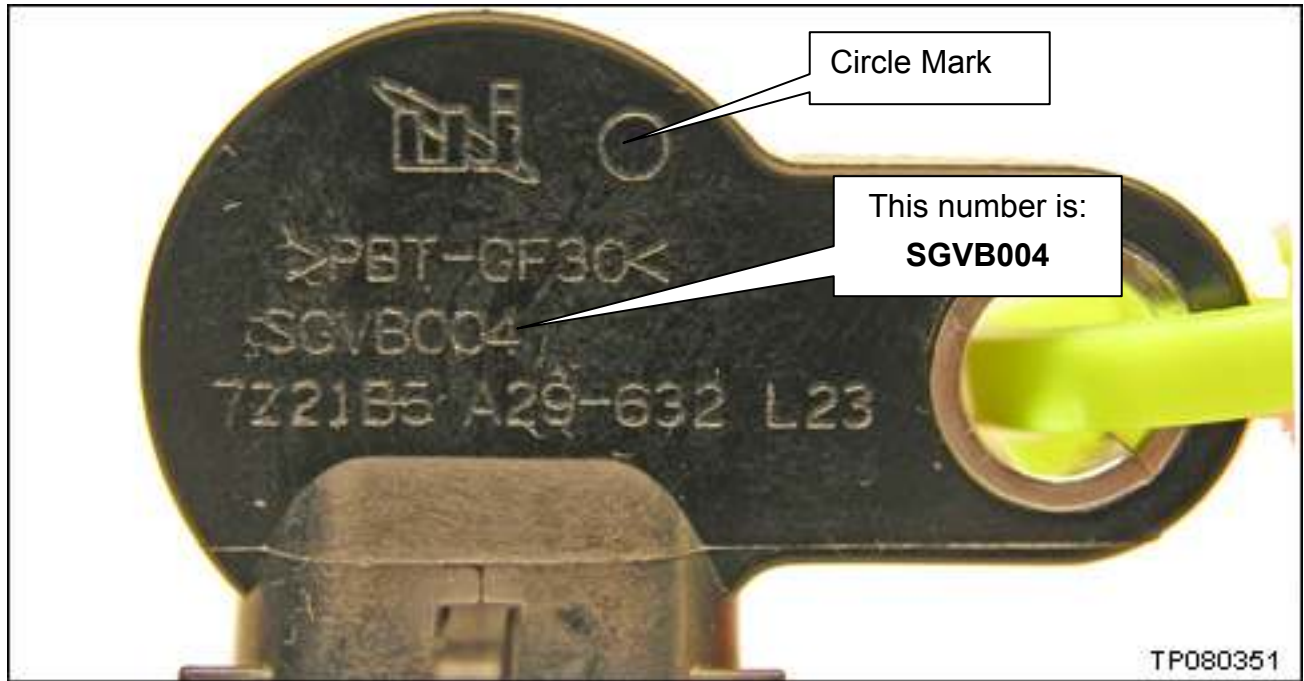


Figure 4

Camshaft Position Sensor

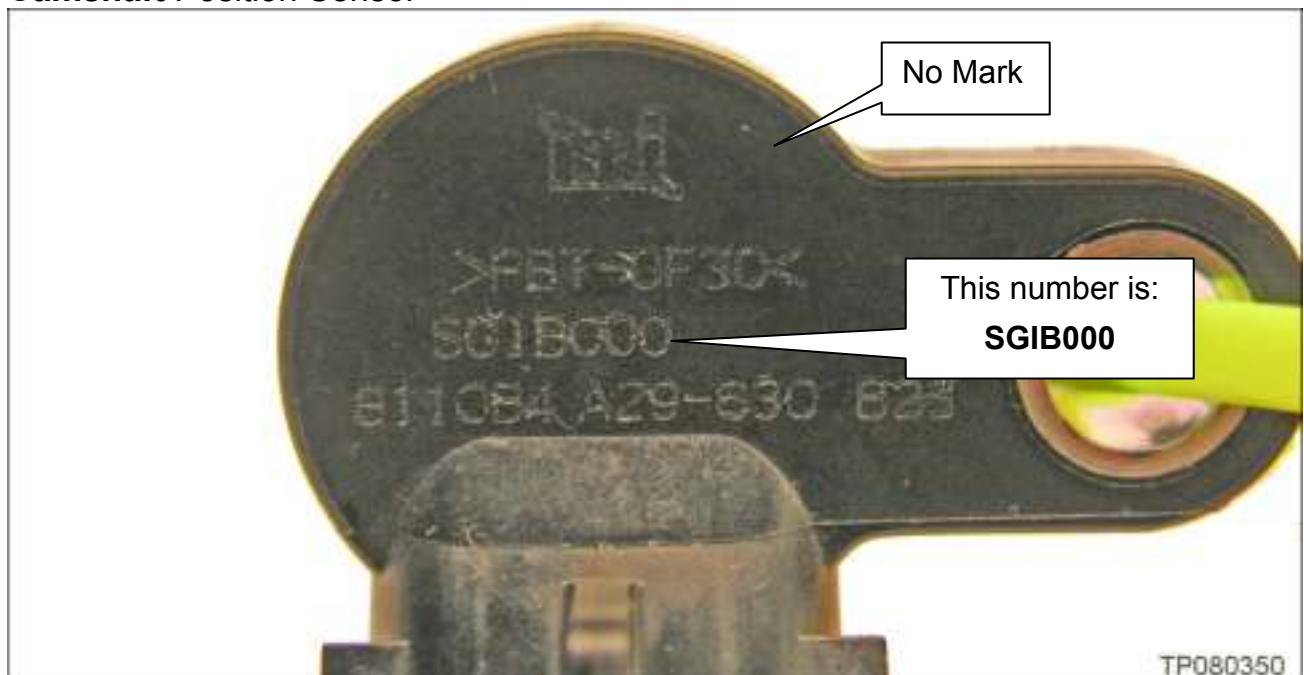


Figure 5