SERVICE BULLETIN

Classification:	Reference:	Date:
EC17-022	NTB17-091	August 8, 2017

2013-2017 ALTIMA AND 2014-2017 ROGUE; MIL ON WITH DTC P2004 STORED

APPLIED VEHICLES: 2013-2017 Altima (L33)
2014-2017 Rogue (T32)
APPLIED ENGINE: QR25DE

IF YOU CONFIRM

MIL is ON with P2004 (INTAKE MANIFOLD RUNNER CONTROL VALVE POSITION SENSOR) stored.

And

There are no drivability issues.

ACTION

1. Remove the intake manifold.
2. Replace the intake manifold runner control valve position sensor.
3. Re-install intake manifold.

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 as it contains information that is essential to successfully completing this repair.

SERVICE PROCEDURE

IMPORTANT: Follow all cautions, warnings, and notes in the Electronic Service Manual (ESM) when working on or near the vehicle fuel system.

1. Turn the ignition ON, engine OFF.

2. Record (write down) any customer settings that will be lost when the battery is disconnected.
   - Refer to the ESM, section **PG – Power Supply, Ground & Circuit Elements** / **ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL**, for a listing of systems that may lose settings or memory when disconnecting the 12V battery.
     - ➢ This list often includes items such as, HVAC, power windows, clock, etc.

Presets	**1**	**2**	**3**	**4**	**5**	**6**
AM						
FM 1						
FM 2						
SAT 1						
SAT 2						
SAT 3						

Bass	**Treble**	**Balance**	**Fade**	**Speed Sen. Vol.**

3. Turn the ignition OFF.

4. Disconnect the negative terminal of the vehicle 12V battery.
   - Refer to the ESM, section **PG-Power Supply, Ground, & Circuit Elements**, for procedure to disconnect the 12V battery.

5. Remove the intake manifold.
   - Refer to the ESM, section **EM – Engine Mechanical**, for the procedure to remove the intake manifold.

6. Remove the “intake manifold runner control valve position sensor” (position sensor) from the intake manifold.
   a. Remove two (2) Torx bolts.
   b. Removed position sensor.

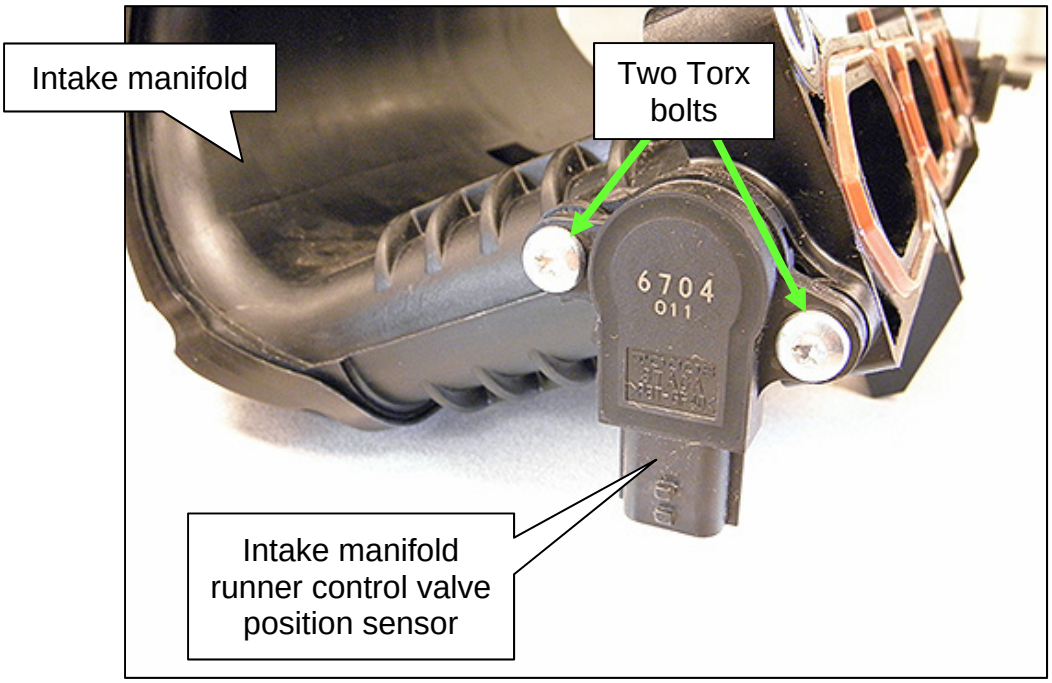

Figure 1

7. Install the new position sensor onto the intake manifold.
   - Torque the bolts to between 4.62 N•m – 5.55 N•m, (0.47 kg-m – 0.56 kg-m, **41 in-lbs** – 4**9 in-lbs**).

8. Reassemble the intake manifold onto the engine in the reverse order of disassembly.
   - Refer to the ESM, section **EM – Engine Mechanical**, for the procedure to install the intake manifold.

9. Reconnect the negative terminal of the vehicle 12V battery.

10. Reset/reinitialize systems as needed.

- Refer to the ESM, section **PG – Power Supply, Ground & Circuit Elements** / **ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL**, for a listing of systems that require reset/initialization after reconnecting the 12 V battery.

- Look in the PG section index for **ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL**.

- This list often includes items such as HVAC, power windows, clock, ADP, etc.

11. Use CONSULT-III plus to perform the following:

- **Throttle Valve Closed Position**

- **Idle Air Volume Learn (IAVL)**

  NOTE:

  - **Listed below are common conditions required for IAVL to complete.**

    - **If IAVL does not complete within a few minutes, a condition may be out of range.**

    - **Refer to the appropriate Electronic Service Manual (ESM) for specific conditions required for the vehicle you are working on.**

      - Engine coolant temperature: 70 -105° C (158 - 221°F)
      - Battery voltage: More than 12.9V (At idle)
      - Selector lever: P or N
      - Electric load switch: OFF (Air conditioner, headlamp, rear window defogger)
      - Steering wheel: Neutral (Straight-ahead position)
      - Vehicle speed: Stopped
      - Transmission: Warmed up

- **Accelerator Pedal Close Position Learning**

12. Clear any stored DTCs.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Intake Manifold Runner Control Valve Position Sensor	22620-3TA0A	1

CLAIMS INFORMATION

Submit a Primary Part (PP) type line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace the Intake Manifold Runner Control Valve Position Sensor	22620-3TA0A	AR10AA	HD	32	(1)

(1) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time (FRT).