

2015 Nissan-Datsun Altima Sedan L4-2.5L (QR25DE)

Vehicle &gt; Powertrain Management &gt; Technical Service Bulletins

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



## Technical Bulletin

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Classification:	Reference:	Date:
EC17-022	NTB17-091	August 10, 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.

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**

**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.

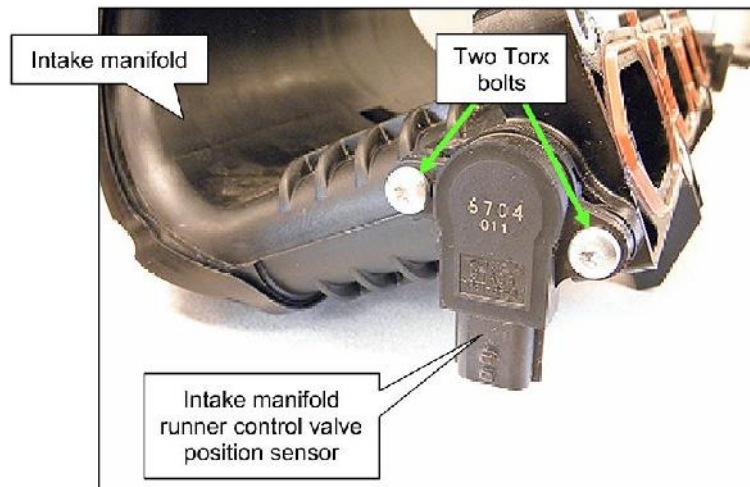


Figure 1

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 – 49 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).