



TECHNICAL SERVICE BULLETIN

Classification:	Reference:	Date:
EC24-020	NTB25-007	January 29, 2025

MIL ON WITH DTC P0196 STORED IN THE ECM

APPLIED VEHICLES: 2021-2025 Rogue (T33)
APPLIED ENGINES: KR15DDT

IF YOU CONFIRM

The MIL is ON with DTC P0196 for “EOT SENSOR” stored in the ECM.

HINT:

DTC P0012 for “INTAKE VALVE TIMING CONTROL B1” may be stored along with P0196 for “EOT SENSOR”.

ACTION

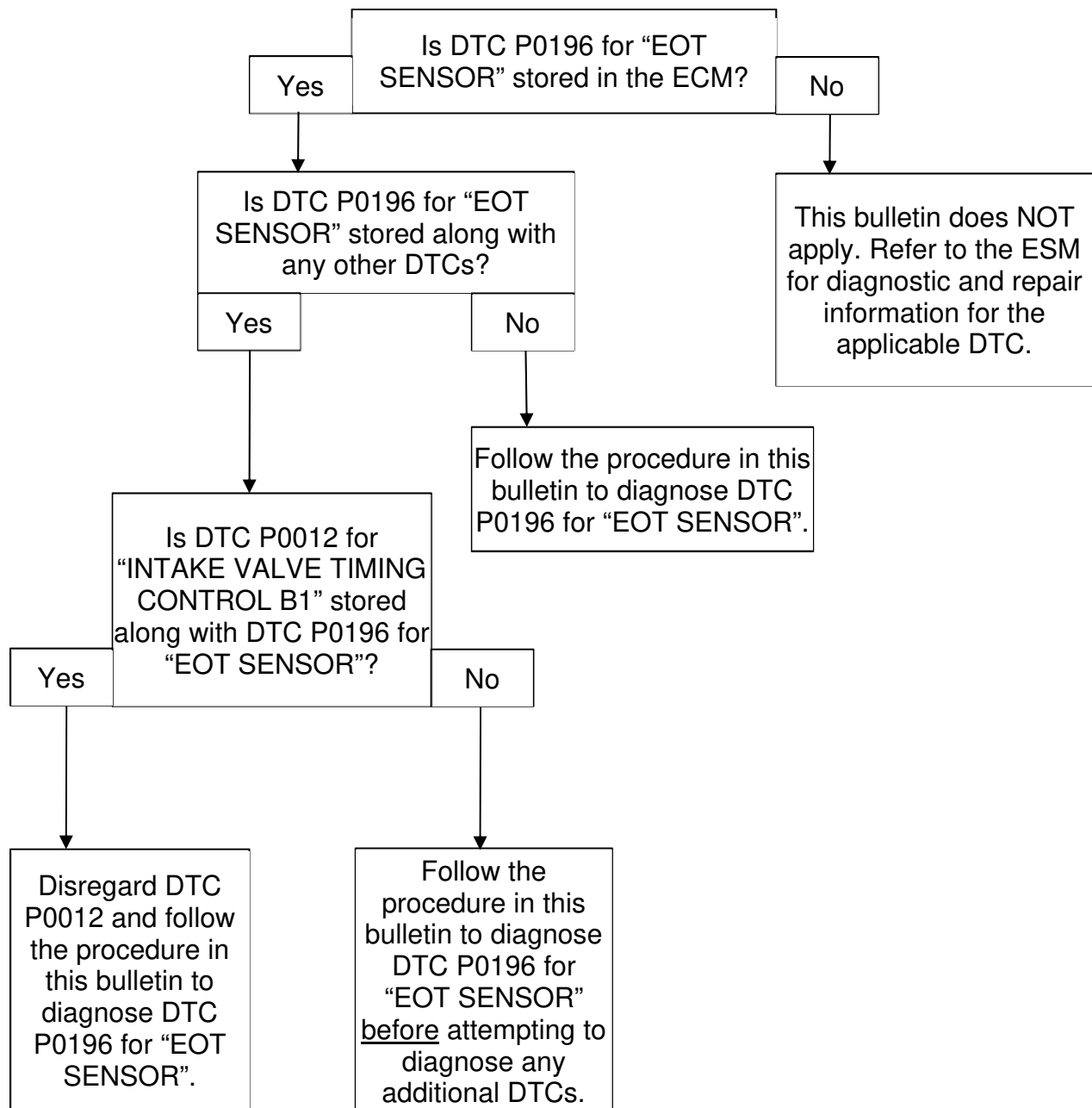
Follow the **SERVICE PROCEDURE** in this bulletin to diagnose DTC P0196 for “EOT SENSOR”.

- Disregard P0012 if stored along with P0196.
- Do not follow the service information in the ESM when diagnosing P0196.
- The ESM information will be updated at a later date.

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.

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.

REPAIR OVERVIEW



SERVICE PROCEDURE

⚠ WARNING

To avoid the risk of serious personal injury or death, park the vehicle in a well ventilated area during the service procedure.

1. Park the vehicle in a well ventilated area with the parking brake set and no combustible material under the vehicle.
2. Connect CONSULT.
3. View data monitor for engine.
4. Ensure the engine oil temperature and engine coolant temperature are at a minimum of 176° F (80° C).
5. Start the engine.
6. Place the transmission in Neutral (N).
7. Increase the engine RPM to 3,000 for 4 minutes.
8. Release the accelerator pedal and allow the engine to idle.
9. Increase the engine RPM to 3,000 for an additional 4 minutes.
10. Immediately monitor the engine oil temperature and the engine coolant temperature, then compare the values without allowing the engine to cool down.
 - If the engine oil temperature exceeds the engine coolant temperature by a minimum of 22°F (12° C) replace the water control valve (Figure 1).
 - Water control valve retaining bolt torque: 8.1 N•m (0.83 kg-m, **72 in-lb**)
 - If the engine oil temperature does not exceed the engine coolant temperature by a minimum of 22°F (12° C) replace the engine oil temperature sensor (Figure 2).
 - Engine oil temperature sensor torque: 14.75 N•m (1.5 kg-m, **11 ft-lb**)

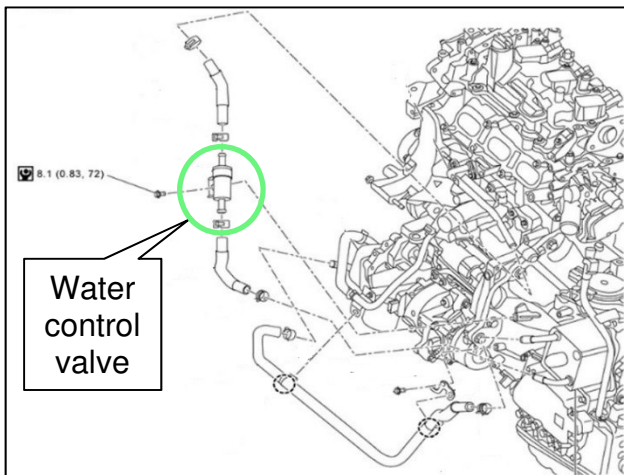


Figure 1

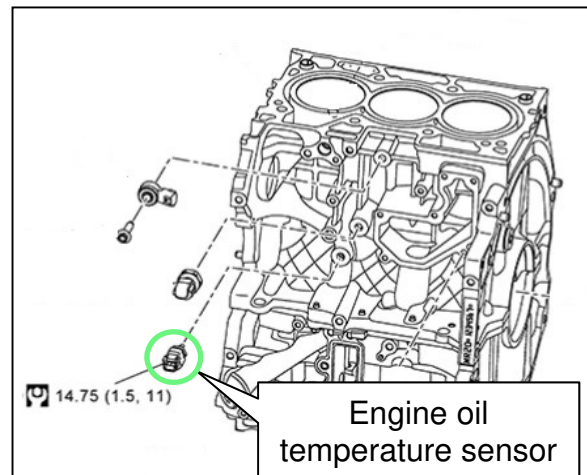


Figure 2

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
January 29, 2025	NTB25-007	Original bulletin published

