



SERVICE BULLETIN

Classification:

EC20-014

Reference:

NTB20-033

Date:

April 24, 2020

ROGUE SPORT; EXHAUST GAS TEMPERATURE SENSOR REMOVAL SERVICE INFORMATION

APPLIED VEHICLE: 2017-2018 Rogue Sport (J11)

SERVICE INFORMATION

If an Exhaust Gas Temperature (EGT) sensor of an **APPLIED VEHICLE** is seized in the exhaust manifold, perform the **SERVICE PROCEDURE** in this bulletin to remove the sensor.

NOTE: The replacement of an exhaust manifold due to a seized EGT sensor may not be considered a warrantable expense.

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 CHEMICALS

Rust Penetrant

Recommended rust penetrants to be used in this procedure:

WD-40



OR

**Nissan Rust Penetrant
P/N 999MP-A3020P**



NOTES:

- Rust penetrant is considered a shop supply.
- Nissan Rust Penetrant can be ordered through the Nissan Maintenance Advantage program: Phone: 877-NIS-NMA1 (877-647-6621). Website order via link on dealer portal www.NNAnet.com and click on the "Maintenance Advantage" link. The MSDS for this chemical will also be found on this site.
- WD-40 is available from various local sources.

NOTICE

Do not use penetrants that contain silicon. Silicon will damage A/F and O2 sensors when it comes in contact with the sensors' elements. Use only recommended or equivalent penetrants that do not contain silicon.

SERVICE PROCEDURE

EGT Sensor Removal

NOTE: This **SERVICE PROCEDURE** applies only to seized EGT sensors.

- When removing a seized EGT sensor with a specialty socket (which contains a slit to accommodate the wiring harness), it may spread open and strip the sensor. Before this occurs, it is recommended to cut off the sensor's electrical harness and use a 6-point box end deep socket wrench.

1. Spray the sensor with rust penetrant for 2 to 3 seconds.

NOTICE

- To avoid damage to the vehicle, cover any adjacent exhaust sensors to prevent rust penetrant from entering them.
- Do not use penetrants that contain silicon. Silicon will damage A/F and O2 sensors when it comes in contact with the sensors' elements. Use only recommended or equivalent penetrants that do not contain silicon.

NOTE: It is important that the spray is directed at the base of the sensor to ensure it penetrates into the threads.

2. Loosen the sensor approximately 10 degrees.
3. Spray with rust penetrant again.
4. Tighten, and then loosen the sensor 10 degrees.
5. Repeat this motion several times until the sensor begins to turn more easily.
6. Continue the tightening/loosening motion while gradually unscrewing the sensor. Stop when the sensor will not unscrew any further.
7. Spray with rust penetrant again as necessary.
8. Repeat steps 1-7 until the sensor is removed.
9. Install the new EGT sensor.
 - For EGT sensor installation, refer to the Electronic Service Manual (ESM), section **ENGINE - ENGINE AND MECHANICAL - REMOVAL AND INSTALLATION - EXHAUST MANIFOLD - Exploded View**.

AMENDMENT HISTORY

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April 24, 2020	NTB20-033	Original bulletin published