



Classification:

EC19-033

Reference: NTB20-013

February 26, 2020

Date:

KICKS; NO START/DRIVABILITY ISSUES, BATTERY LIGHT ON, AND/OR MIL ON DURING FREEZING TEMPERATURES

APPLIED VEHICLE: 2018-2019 Kicks (P15)

IF YOU CONFIRM

One or a combination of the following during temperatures below -10°C/14°F and ice is found inside the PCV hose or PCV valve:

- The engine hesitates or stops running. •
- The starter cranks the engine normally but the engine will not start. •
- The MIL is ON with DTC P2004 (TUMBLE CONT/V) and/or P0101 (MAF • SEN/CIRCUIT-B1).
- The battery light is ON. •
 - The engine oil level gauge (dipstick) is backed out of the oil level gauge guide (dipstick tube) and oil is found on the generator (alternator).
- The battery voltage is too low to start the engine.

ACTION

Replace and install the parts listed in **PARTS INFORMATION** on page 6.

For replacement and installation details, see SERVICE PROCEDURE on page 3.

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.

Examples of Ice Contamination



Figure 1



Figure 2

SERVICE PROCEDURE

HINT: For all parts related to this repair (PCV hose, PCV valve, COT, foam pad, harness clips, and wind guard shield), refer to **PARTS INFORMATION** on the last page.

- 1. Clean out the inside of the PCV hose connection at the intake manifold, and then replace the PCV hose and PCV valve.
 - The end of the PCV hose with the white mark connects to the intake manifold.
 - Place the white mark and the tabs of the clamps at the "12:00" position.
- 2. Install the corrugated tube (COT).

HINT: Unfastening the harness clips gives easier access to where the COT installs. New harness clips are provided in case the original clips are damaged during removal. Replace as needed.

- 3. Wrap the COT with the foam pad, from left to right, as shown on page 4, Figure 4 and Figure 5.
 - Overlap halfway on each wrap.

NOTE: The foam pad is not electrical tape. DO NOT use electrical tape. Use the foam pad.

- 4. Install the wind guard bracket.
 - Wind guard bracket bolts torque: 8-12 N•m (0.82-1.2 kg-m, 71-106 in lbs)



Figure 3



Figure 4



Figure 5

- 5. If oil or oil residue is found on the alternator, replace it and the dipstick. If no oil/oil residue found, skip to step 6.
 - Clean off any oil/residue in the engine bay area and under the hood.
 - For alternator replacement, go to the ESM, section **ELECTRICAL & POWER CONTROL-CHARGING SYSTEM-REMOVAL AND INSTALLATION-GENERATOR**.
- 6. If DTC P2004 and/or P0101 is stored, follow the diagnosis and repair procedure in the ESM:
 - For DTC P2004: ENGINE-ENGINE CONTROL SYSTEM-HR16DE-DTC/CIRCUIT DIAGNOSIS-P2004 INTAKE MANIFOLD RUNNER CONTROL VALVE.
 - For P0101: ENGINE-ENGINE CONTROL SYSTEM-HR16DE-DTC/CIRCUIT DIAGNOSIS-P0101 MAF SENSOR.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
HOSE-BLOWBY GAS (PCV hose)	11823-5RW5A	1
SUPPORT-INTAKE MANIFOLD (wind guard bracket)	14017-5EA0A	1
PROTECTOR-HARNESS (corrugated tube - includes 2 harness clips)	24271-5RL0C	1
SCREW (bolt)	01125-E6011	2
PAD-FOAM	24271-5RL0D	(2)
VALVE CONTROL (PCV valve)	11810-5H71A	1
GENERATOR (alternator)	23100-xxxxx (1)	1 (if needed)
GAUGE-OIL LEVEL (dipstick)	11140-xxxxx (1)	1 (if needed)

(1) Refer the EPC.

(2) See EXPENSE CODE on the next page.



Figure 6

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace PCV Hose, Install Wind Guard Bracket and COT	(1)	AX47AA	ZE	32	0.3

(1) Reference the electronic parts catalog and use the PVC Valve 11810-***** as the Primary Failed Part (PFP).

And if needed, on the same line:

DESCRIPTION	OP CODE	SYM	DIA	FRT
Replace Generator And Oil Level Gauge, Clean Engine Area	AX471A	ZE	32	1.0

EXPENSE CODE	DESCRIPTION	MAX AMOUNT
071	Foam Pad	\$0.75

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
February 26, 2020	NTB20-013	Original bulletin published