



# SERVICE BULLETIN

Classification: EC16-004c	Reference: NTB16-018c	Date: April 9, 2018
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## MIL ON WITH P0603 STORED FOR ECM BACK UP CIRCUIT

This bulletin has been amended to add a NOTE in the Applied Vehicles. No other changes have been made. Please discard previous versions of this bulletin.

**APPLIED VEHICLES:** 2015 and later Nissan vehicles

**NOTE:** Does not apply to Titan equipped with Cummins V8 Diesel engine.

### IF YOU CONFIRM

The MIL is "ON" with DTC P0603 (ECM BACK UP/CIRCUIT).

### ACTION

1. Confirm that the battery voltage is 11 volts, or more, with the ignition ON (engine OFF, not running).
2. Erase DTC.
3. Perform DTC confirmation steps in the Service Procedure.
4. Confirm 1st trip DTC P0603 is not stored.

**NOTE:** P0603 is often the result of low battery voltage, discharged battery or battery terminal disconnections.

**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

**NOTE:** This DTC may have been stored due to low battery voltage, discharged battery or battery terminal disconnections.

1. Confirm the battery voltage is at least 11 volts, or more, with the ignition ON.
  - While checking the battery voltage, make sure the battery cables are clean and tight.
  - Resolve any low battery condition before proceeding. Repairs for a low battery condition are not covered by this bulletin.
2. Connect C-III plus VI to the vehicle.
3. Open C-III plus on the CONSULT PC.
4. Turn the ignition "ON", but **Do Not Start** the engine.
5. Erase DTCs.
6. Turn the ignition OFF.
7. Turn the Ignition ON and wait for at least 1 second.
8. Turn the ignition OFF and wait for at least 10 seconds.
9. Repeat step 7 and step 8 ten times and then proceed to step 10.
10. Turn ignition ON.
11. Is P0603 currently stored as a 1<sup>st</sup> trip DTC?

**NO:** Service Procedure is complete.

**YES:** Refer to Electronic Service Manual (ESM), section **Engine Control System** for further diagnostic information.

## CLAIMS INFORMATION

Submit a Primary Operation (PO) type line claim using the following claims coding:

DESCRIPTION	OP CODE	SYM	DIA	FRT
DTC P0603 SYSTEM CHECK	EX2LAA	HD	32	0.4