



# SERVICE BULLETIN

|                             |                         |                        |
|-----------------------------|-------------------------|------------------------|
| Classification:<br>EC21-003 | Reference:<br>NTB21-027 | Date:<br>April 1, 2021 |
|-----------------------------|-------------------------|------------------------|

## MIL ON WITH DTC P062F AND/OR P0603 STORED

|                          |                                |                             |
|--------------------------|--------------------------------|-----------------------------|
| <b>APPLIED VEHICLES:</b> | 2019-2021 Altima (L34)         | 2016-2020 Pathfinder (R52)  |
|                          | 2017-2021 Armada (Y62)         | 2018-2021 Rogue Sport (J11) |
|                          | 2020-2021 Frontier (D40)       | 2020-2021 Sentra (B18)      |
|                          | 2018-2021 Kicks (P15)          | 2016-2021 Titan (A61)       |
|                          | 2016-2021 NV (F80) – with VK56 | 2020-2021 Versa (N18)       |

**NOTE:** This TSB only applies to vehicles equipped with direct injection.

### IF YOU CONFIRM

The MIL is ON and DTC P062F (EEPROM) and/or P0603 (ECM BACK UP/CIRCUIT) is stored,

**And**

The customer stated the vehicle was recently started after sitting for an extended period of time (i.e., the battery voltage was low while attempting to start the engine).

### ACTION

1. Test the vehicle's 12 volt battery using the Midtronics DSS-5000. Recharge or replace the battery if necessary.
2. Erase all DTCs.

**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:** These DTCs may have been stored due to low battery voltage, discharged battery, or battery terminal disconnections.

1. Test the vehicle's 12 volt battery using the Midtronics DSS-5000.
  - The DSS-5000 contains internal operating instructions accessed using its touch screen.
  - The DSS-5000 operating instructions are also found at <http://nissan.dss5000.com/>. These operating instructions include a Quick Start Guide and VIN scanning tips.
  - There is also a SIR video Vol. 551 that demonstrates the use of the DSS-5000.
2. Recharge or replace the battery if the test result indicates to do so.
3. Erase DTCs.
4. Turn the ignition OFF.
5. Turn the ignition ON and wait for at least 1 second.
6. Turn the ignition OFF and wait for at least 10 seconds.
7. Repeat step 5 and step 6 ten times and then proceed to step 8.
8. Turn the ignition ON.
  - If P0603 is currently stored as a 1<sup>st</sup> trip DTC, refer to the ESM for further diagnostic information.
  - If P0603 is NOT currently stored as a 1<sup>st</sup> trip DTC, the Service Procedure is complete.

## PARTS INFORMATION

| DESCRIPTION     | PART NUMBER | QUANTITY      |
|-----------------|-------------|---------------|
| 12 Volt Battery | (1)         | 1 (if needed) |

(1) Reference the battery application chart in Dealer 360 to determine the correct 12 volt battery for the vehicle you are working on.

## CLAIMS INFORMATION

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

| DESCRIPTION                          | MODEL             | PFP | OP CODE | SYM | DIA | FRT    |
|--------------------------------------|-------------------|-----|---------|-----|-----|--------|
| Test & Charge Battery,<br>Erase DTCs | Altima            | (1) | GX32AA  | HA  | 32  | 0.3 hr |
|                                      | Armada            |     |         |     |     |        |
|                                      | Frontier          |     |         |     |     |        |
|                                      | Kicks             |     |         |     |     |        |
|                                      | Pathfinder        |     |         |     |     |        |
|                                      | Rogue Sport       |     |         |     |     |        |
|                                      | Sentra            |     |         |     |     |        |
|                                      | Versa             |     |         |     |     |        |
|                                      | NV with VK engine | (1) | GX32AA  | HA  | 32  | 0.4 hr |
| Titan                                |                   |     |         |     |     |        |

(1) Reference the Parts Information table above and use the 12 Volt Battery part number as the Primary Failed Part (PFP).

OR

If the battery is replaced:

| DESCRIPTION           | PFP | OP CODE | SYM | DIA | FRT |
|-----------------------|-----|---------|-----|-----|-----|
| Test & Charge Battery | (1) | GB18AA  | HA  | 32  | (2) |
| Replace Battery       |     | GB181A  |     |     |     |

(1) Reference the Parts Information table above and use the 12 Volt Battery part number as the Primary Failed Part (PFP).

(2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time (FRT).

**NOTE:** FRT allows adequate time to access DTC codes. No other diagnostic procedures subsequently required. Do NOT claim any Diagnostic Op Codes with this claim.

## AMENDMENT HISTORY

| PUBLISHED DATE | REFERENCE | DESCRIPTION                 |
|----------------|-----------|-----------------------------|
| April 1, 2021  | NTB21-027 | Original bulletin published |

