



Innovation that excites

# QUALITY ACTION

# CAMPAIGN BULLETIN

## Tire Pressure Monitoring Sensors (TPMS) Initialization

Reference: PC543  
Date: February 14, 2017

Attention: Dealer Principal, Sales, Service & Parts Managers

### UPDATE February 14, 2017

**The announcement from January 21, 2017 has been revised to include:**

- Configuration step is not necessary and has been removed from the attached procedure.

**Please discard earlier versions of this bulletin.**

| Affected Models/Years: | Affected Population: | Dealer Inventory: | SERVICE COMM Activation date: | Stop Sale In Effect |
|------------------------|----------------------|-------------------|-------------------------------|---------------------|
| MY2017 Rogue (T32)     | NA                   | 745               | January 21, 2017              | <b>NO</b>           |

#### \*\*\*\*\* Detailed Information \*\*\*\*\*

Nissan is conducting a dealer inventory service action to initialize the Tire Pressure Monitoring Sensors (TPMS) on approximately **745** specific MY2017 Rogue (T32) vehicles. No parts are required for this action.

#### \*\*\*\*\* What Dealers Should Do \*\*\*\*\*

1. Verify if vehicles currently in dealer inventory are affected by this inventory service action using Service Comm I.D. PC543.
  - **New vehicles in dealer inventory can be also be identified using DCS (Sales-> Vehicle Inventory, and filter by Open Campaign).**
    - Refer to NPSB 15-460 for additional information
2. Use the attached Electronic Service Manual (ESM) procedure to initialize the TPMS.

**Note: Dealers should continue to check new arriving inventory for applicability.**

3. Dealers are requested to remedy any affected vehicle in dealer new or pre-owned inventory to ensure customer satisfaction.

### CLAIMS INFORMATION

Submit a Campaign (CM) line claim using the following claims coding:

| CAMPAIGN (CM) I.D. # | DESCRIPTION                      | OP CODE | FRT      |
|----------------------|----------------------------------|---------|----------|
| PC543                | Initialize Four (4) TPMS Sensors | PC5430  | 0.2 hrs. |

Thank you for your prompt attention to this matter.

**NISSAN NORTH AMERICA, INC.**  
Aftersales DIVISION

# ID REGISTRATION PROCEDURE

< BASIC INSPECTION >

## ID REGISTRATION PROCEDURE

### Description

INFOID:000000014582351

This procedure must be performed after replacement of a tire pressure sensor or BCM.

### Work Procedure

INFOID:000000014582352

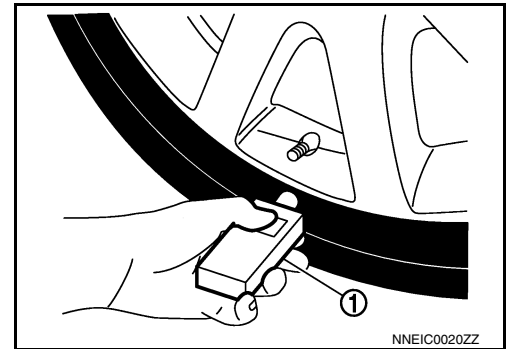
TPMS ID registration can be performed using one of the following procedures:

- Transmitter Activation tool [KV48105501 (J-45295-A)] using CONSULT (preferred method)
- Signal Tech II tool [- (J-50190)] using CONSULT (preferred method)
- Signal Tech II tool [- (J-50190)] without CONSULT
- CONSULT only

### TPMS REGISTRATION WITH TRANSMITTER ACTIVATION TOOL [KV48105501 (J-45295-A)]

#### With CONSULT

1. Turn the ignition switch ON.
2. Using CONSULT, select "Work support" in "AIR PRESSURE MONITOR". Then, select "ID REGIST."
3. Select "Start" on "ID REGIST" screen.
4. Hold the transmitter activation tool [KV48105501 (J-45295-A)] (1) against the side of the left front tire, near the valve stem.
5. With the tool held at a 0 to 15 degree angle to the tire, press and hold the transmitter activation tool button until the indicator lamp turns OFF (approximately 5 seconds).
6. Repeat steps 4 and 5 for the remaining tires in this order: right front, right rear and left rear.



7. When ID registration is complete, check the following pattern at each wheel.

| Sequence | ID registration position | Turn signal lamp | CONSULT                            |
|----------|--------------------------|------------------|------------------------------------|
| 1        | Front LH                 | 2 blinks         | "Yet (red)"<br>↓<br>"Done (green)" |
| 2        | Front RH                 |                  |                                    |
| 3        | Rear RH                  |                  |                                    |
| 4        | Rear LH                  |                  |                                    |

8. After the ID registration procedure for all wheels is complete, press "End" on the CONSULT to finish ID registration.
9. Test drive the vehicle to ensure that the TPMS lamp is OFF and no warning messages are present.

### TPMS REGISTRATION WITH SIGNAL TECH II TOOL [- (J-50190)]

#### NOTE:

The Signal Tech II must be updated with the newest software version in order to perform the below procedures. The Signal Tech II software updates can only be downloaded from a CONSULT unit with ASIST. Other versions of ASIST will not show the updates.

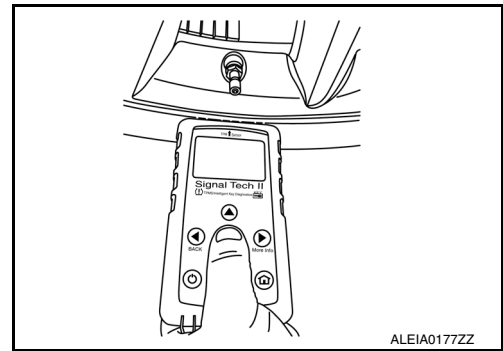
#### With CONSULT

1. Adjust the tire pressure for all tires to the recommended value. Refer to [WT-72. "Tire Air Pressure"](#).
2. Turn the ignition switch ON.
3. Using CONSULT, select "Work support" in "AIR PRESSURE MONITOR". Then, select "ID REGIST."
4. Select "Start" on "ID REGIST" screen.
5. Turn on the Signal Tech II tool [- (J-50190)].

# ID REGISTRATION PROCEDURE

## < BASIC INSPECTION >

6. Hold the Signal Tech II against the side of the left front tire, near the valve stem.
7. With the tool held at a 0 to 15 degree angle to the tire, select "Activate Sensor" from the main menu, then press and release the "OK" button to activate the sensor. Once the sensor is activated, the vehicle parking lamps will flash and the sensor ID will appear on the CONSULT screen.
8. Repeat steps 6 and 7 for the remaining tires in this order: right front, right rear and left rear.
9. When ID registration is complete, check the following pattern at each wheel.

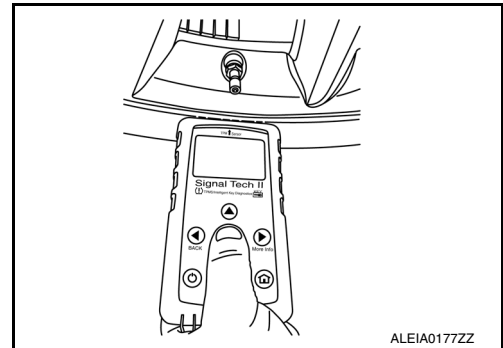


| Sequence | ID registration position | Turn signal lamp | CONSULT                            |
|----------|--------------------------|------------------|------------------------------------|
| 1        | Front LH                 | 2 blinks         | "Yet (red)"<br>↓<br>"Done (green)" |
| 2        | Front RH                 |                  |                                    |
| 3        | Rear RH                  |                  |                                    |
| 4        | Rear LH                  |                  |                                    |

10. Once all sensors have been activated, select "End" on the CONSULT to finish ID registration.
11. Test drive the vehicle to ensure that the TPMS lamp is OFF and no warning messages are present.

### ⊗ Without CONSULT

1. Adjust the tire pressure for all tires to the recommended value. Refer to [WT-72, "Tire Air Pressure"](#).
2. Turn on the Signal Tech II tool [- (J-50190)] and select "TPMS Check" from the main menu.
3. Select vehicle model and year.
4. When prompted, hold the Signal Tech II against the side of the left front tire, near the valve stem.
5. With the tool held at a 0 to 15 degree angle to the tire, press and release the "OK" button to activate the sensor. Once the sensor is activated, the tool will sound a tone and the tire pressure will be displayed.
6. Repeat steps 4 and 5 for the remaining tires in this order: right front, right rear and left rear.
7. When prompted, connect the tool to the data link connector. The tool will connect to the BCM, read the VIN, read sensor IDs and check for TPMS DTCs. Along with DTCs detected, one of the following will be displayed next to each wheel:
  - N/A - Not applicable because no ID found by the tool
  - OK - Wheel and sensor are in original position
  - NEW - New ID found compared to BCM
  - RT - Wheel has been rotated
  - Low Press - Low tire pressure
8. If no DTC is present or the repair has been completed, press the "OK" button to register the IDs and clear DTCs.
9. Test drive the vehicle to ensure that the TPMS lamp is OFF and no warning messages are present.
10. Print a Signal Tech II Audit Report for your records. Refer to the Signal Tech II User Guide for instructions.



## TPMS REGISTRATION WITH CONSULT ONLY

### Ⓟ With CONSULT

1. Adjust the tire pressure for all wheels to match the list below.

| Tire position | Tire pressure kPa (kg/cm <sup>2</sup> , psi) |
|---------------|--|
| Front LH      | 240 (2.4, 35)                                |
| Front RH      | 220 (2.2, 32)                                |
| Rear RH       | 200 (2.0, 29)                                |
| Rear LH       | 180 (1.8, 26)                                |

## ID REGISTRATION PROCEDURE

### < BASIC INSPECTION >

- Turn the ignition switch ON.
- Using CONSULT, select "Work support" in "AIR PRESSURE MONITOR". Then, select "ID REGIST."
- Select "Start" on "ID REGIST" screen.
- Drive the vehicle at a speed greater than 40 km/h (25 MPH) for 3 minutes or more.
- After ID registration for all wheels is complete, press "End" on the CONSULT to finish ID registration.

| ID registration position | CONSULT                            |
|--------------------------|------------------------------------|
| Front LH                 | "Yet (red)"<br>↓<br>"Done (green)" |
| Front RH                 |                                    |
| Rear RH                  |                                    |
| Rear LH                  |                                    |

- Adjust the tire pressures for all tires to the recommended value. Refer to [WT-72, "Tire Air Pressure"](#).
- Test drive the vehicle to ensure that the TPMS lamp is OFF and no warning messages are present.