



Innovation that excites

QUALITY ACTION

CAMPAIGN BULLETIN

Rear Brake Caliper

Reference: PC687

Date: February 26, 2019

Attention: Dealer Principal, Sales, Service & Parts Managers

Affected Models/Years:	Affected Population:	Dealer Inventory:	SERVICE COMM Activation date:	Stop Sale In Effect
MY2019 Rogue (T32)	NA	14	February 26, 2019	YES

*******Dealer Announcement*******

Nissan is conducting a quality action to inspect the lot code on the left hand rear brake caliper on **14** specific 2019 Rogue vehicles identified in Service Comm, and if necessary, replace the brake caliper.

Affected vehicles **are subject** to stop sale and are either currently in dealer inventory or assigned and in transit to the dealer.

*******What Dealers Should Do*******

PLEASE FOLLOW THE ATTACHED REPAIR INSTRUCTIONS:

- Verify if vehicles currently in new dealer inventory are affected by this quality action using Service Comm **I.D. PC687**
 - New vehicles in dealer inventory can also be identified using DCS (Sales-> Vehicle Inventory, and filter by Open Campaign).
 - Refer to NPSB 15-460 for additional information
 - Please continue to check newly arriving inventory for campaign applicability.**
- Use the attached procedure to inspect the left hand rear brake caliper:
 - If the lot code is **9A24**, the brake caliper must be replaced
 - Nissan has developed an automatic parts shipment to proactively provide affected dealers with replacement brake calipers for affected vehicles in dealer inventory, in the event they are needed. Parts should begin to arrive at dealers on **February 27, 2019**
 - If not, reassemble the wheel and tire
- The service department should submit the applicable warranty claim for the action performed so it can be closed on Service Comm and release the vehicle.

******* Dealer Responsibility *******

It is the dealer’s responsibility to check Service Comm or DBS National Service History – Open Campaign using the appropriate campaign I.D for the inspection status on each affected vehicle currently in new vehicle inventory.

Thank you for your prompt attention to this matter.

NISSAN NORTH AMERICA, INC.
Aftersales DIVISION

Continue to next page for inspection procedure



PC687 - 2019 – ROGUE BRAKE CALIPER INSPECTION

SERVICE PROCEDURE:

1. Place vehicle on lift. (Figure 1)



Figure 1

2. Remove the LH rear wheel and tire assembly.
- Remove the wheel cover (if applicable)
 - Remove the (5) lug nuts and the wheel and tire assembly (Figure 2)



Figure 2

3. Inspect the Lot code on the LH rear brake caliper. (Figure 4)

NOTE: The lot code on the caliper is upside down when installed on the vehicle. (Figure 3)

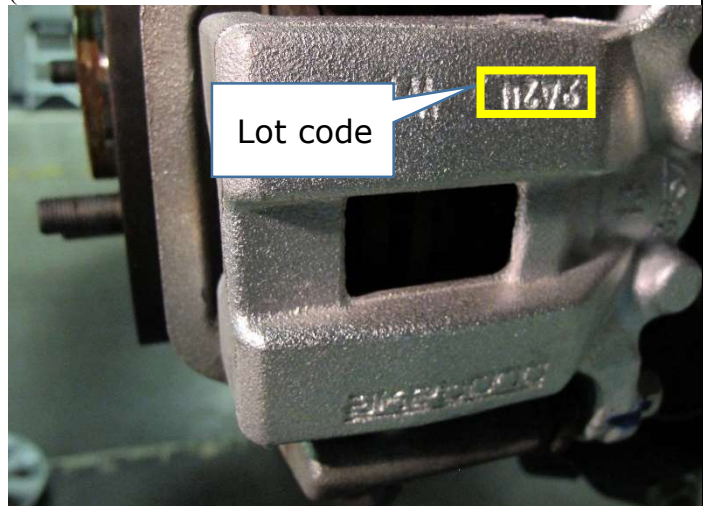


Figure 3

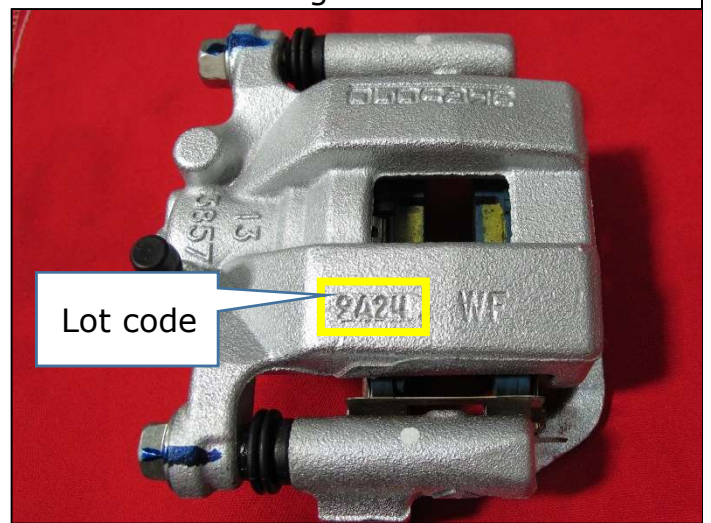


Figure 4

4. Is the lot code 9A24?

- IF **NO**- Continue to Step 5 for wheel and tire reassembly
- IF **YES**-Continue to Step 6 for LH brake caliper replacement

5. Reinstall the wheel and tire assembly. (Figure 5)

- Reinstall the LH rear wheel and tire assembly
- Torque lug nuts to 113 N•m (12 kg-m, **83 ft-lb**)
- Install wheel cover (if applicable)
- Inspection complete
- Submit warranty claim using Op code **PC6870** per "Claims Information"



Figure 5

Brake Caliper Replacement:

WARNING: Clean dust on brake caliper and brake pad with a vacuum dust collector to minimize the hazard of airborne particles or other materials.

CAUTION:

- Do not depress the brake pedal.
- Do not spill or splash brake fluid on painted areas; it may cause paint damage. If brake fluid is splashed on painted areas, wash it away with water immediately.
- Do not bend, twist or pull the brake hoses and piping.
- Do not reuse drained brake fluid.
- Do not spill or splash brake fluid on disc brake rotor

NOTE: When removing components such as hoses, tubes/lines, etc., cap or plug openings to prevent fluid from spilling.

6. Remove the LH rear brake caliper hose.

- Remove the brake caliper hose union bolt from the caliper (Figure 6)
- Remove and discard the copper sealing washers

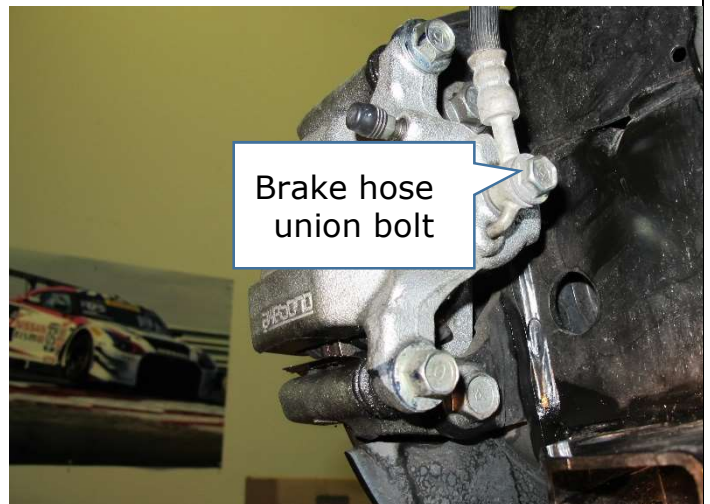


Figure 6

7. Remove the LH rear brake caliper.

- Remove the upper and lower caliper slide bolts with a suitable tool (Figure 7)
- Remove the brake caliper from the vehicle

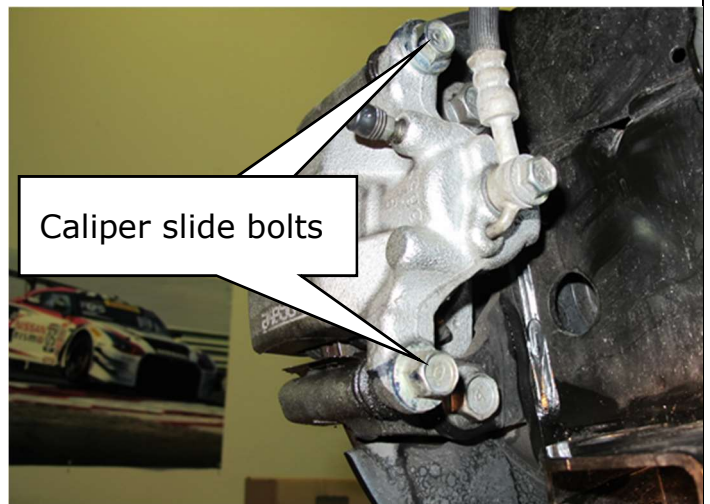


Figure 7

8. Remove the brake pads from the torque member assembly. (Figure 8)

- Remove brake pad shims from the torque member assembly (to be reused)

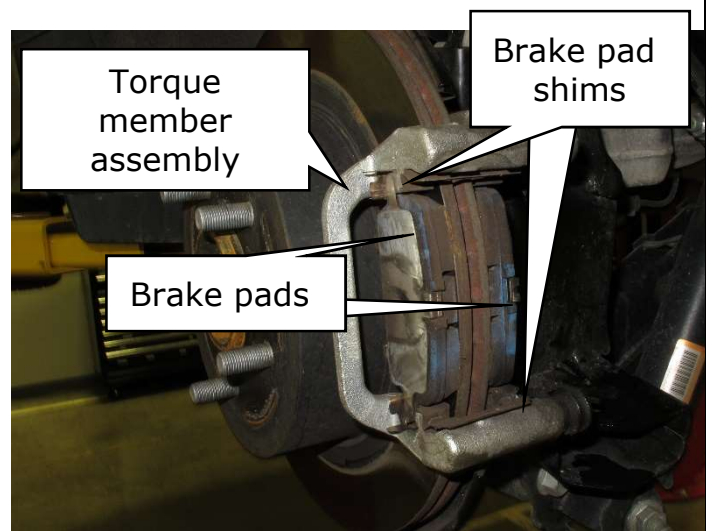


Figure 8

9. Remove torque member bracket.

- Loosen and remove the torque member bolts and torque member assembly (Figure 9)
- New torque member assembly is provided with the new brake caliper

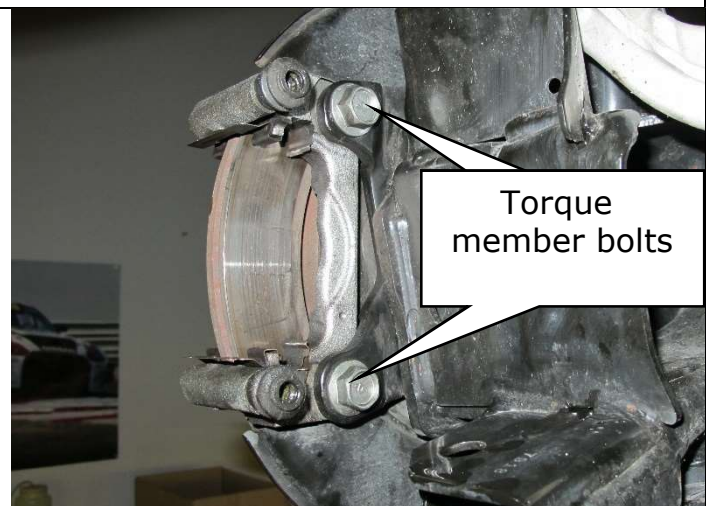


Figure 9

10. Install the new torque member assembly. (Figure 10)

- Position the torque member assembly in place
- Install the torque member bolts and torque to $84.4 \text{ N}\cdot\text{m}$ (8.6kg-m, **62 ft-lb**)

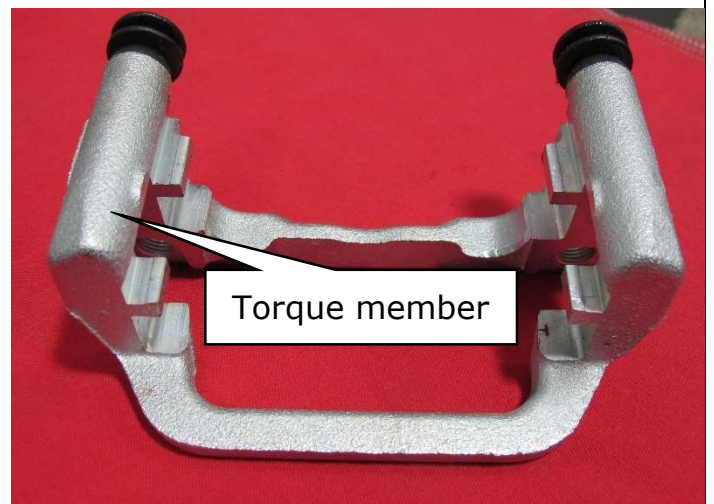


Figure 10

11. Reinstall the brake pad shims and brake pads onto the torque member assembly. (Figure 11)

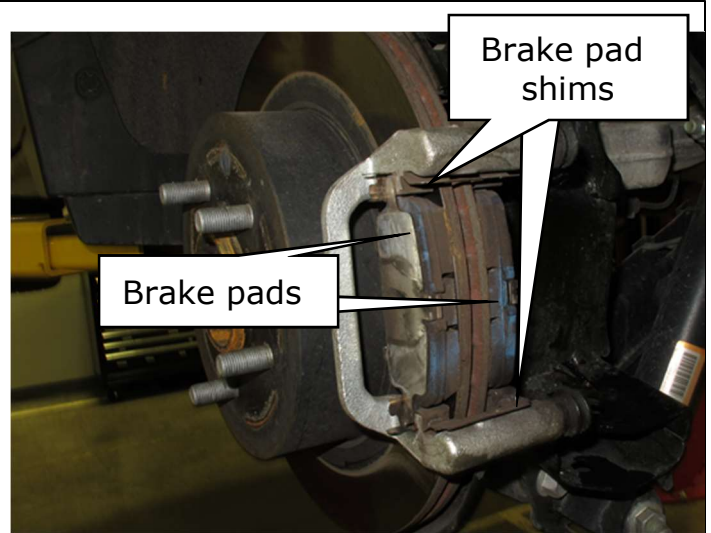


Figure 11

12. Reinstall the caliper.

- Position the caliper onto the torque member
- Install the caliper slide bolts (Figure 12)
- Torque the caliper slide bolts to 43.15 N•m (4.4kg-m, **32 ft-lb**)

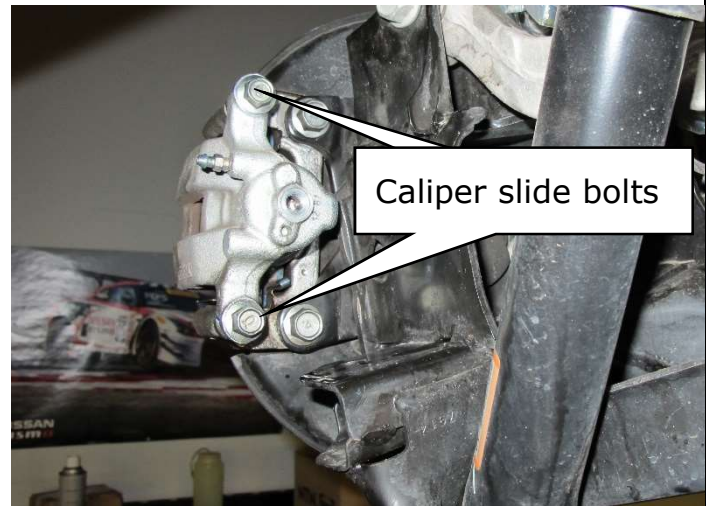


Figure 12

13. Install the brake hose.

- Assemble the union bolt with **NEW** copper sealing washers onto the brake hose
- Install the union bolt and brake hose onto the brake caliper, by lining up the brake hose "L-pin" with the alignment hole in the brake caliper (Figure 13)
- Torque the union bolt to 18.2 N•m (1.9kg-m, **13 ft-lb**)

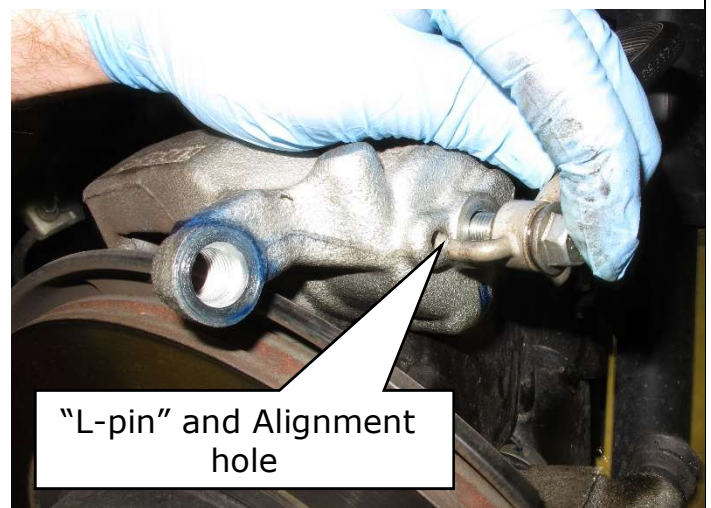


Figure 13

Caution:

- **While Bleeding, pay attention to the brake fluid level**
- **Do not allow reservoir tank to empty as this may cause damage to the master cylinder internal components**

14. Bleed the brake system

- Turn off the ignition and disconnect the 12v battery negative terminal
- Remove the brake master cylinder cap
- Fill the brake fluid level to the "MAX" mark
- Connect a vinyl tube to the LH rear brake caliper bleeder valve (Figure 14)
- Fully depress the brake pedal 4 or 5 times
- With the brake pedal fully depressed, loosen the bleeder valve to bleed air in the brake line, and retighten it immediately
- Repeat steps "e" and "f" until all of the air is out of the brake line
- Retighten the bleeder screw to 8.33 N•m (0.85kg-m, **74 in-lb**)
- Fill the brake fluid level to "MAX" mark (Figure 15)

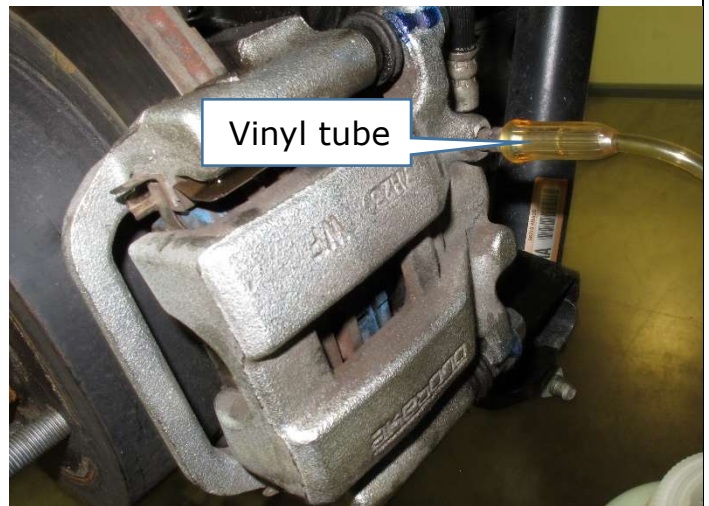


Figure 14



Figure 15

15. Reinstall the wheel and tire assembly. (Figure 16)

- Reinstall the LH rear wheel and tire assembly
- Torque lug nuts to 113 N•m (12 kg-m, **83 ft-lb**)
- Install wheel cover (if applicable)



Figure 16

16. Reconnect the negative battery cable.
(Figure 17)

- Torque to negative battery terminal to 5.39 N•m (0.55 kg-m, **48 in-lb**)
- Inspection/repairs complete
- Submit warranty claim using PC6871 per claims information

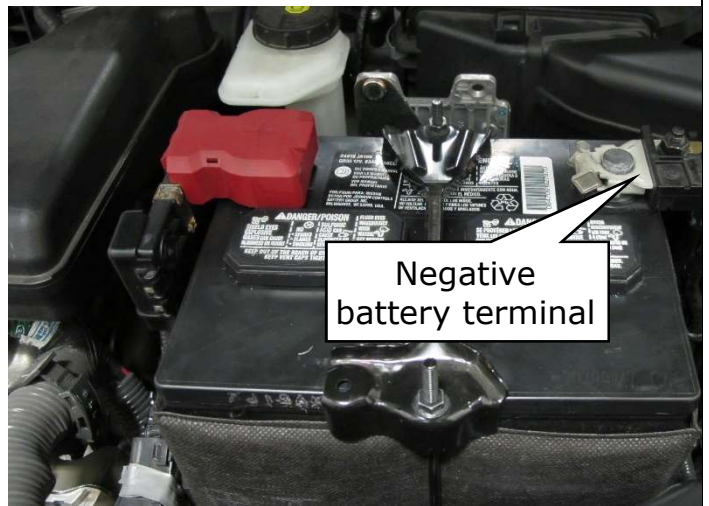


Figure 17

PARTS INFORMATION

Description	Part #	Quantity
BODY & SUPPORT ASSY (Brake caliper)	44011-3NF0A	1
GASKET – BRAKE HOSE (copper sealing washer)	46237-A4600	2
Brake Fluid (1)	999MP-A4100P	1

(1) Order this item through the Nissan Maintenance Advantage program: Phone: 877-NISMA1 (877-647-6621). Website order via link on dealer portal www.NNAnet.com and click on the “Maintenance Advantage” link.

CLAIMS INFORMATION

Submit claim using the following claims coding:

Work Order Line Type: “CM” Campaign

Campaign: PC687

Claim Type:	CM			
PNC:	PC687			
Symptom:	ZZ			
Diagnosis:	99			
Description:	Op Codes	Flat Rate Time	Parts Required on claim	Expense Code Required
Inspect Caliper Lot Code Only	PC6870	0.2	NO	NO
Inspect and Replace Caliper	PC6871	0.6	YES	NO