

Classification:

BR15-002a

Reference:

ITB15-018a

Date:

March 8, 2016

INFINITI: 4-PISTON BRAKE CALIPER BRAKE JUDDER

This bulletin has been amended to add models to Applied Vehicles. Please discard the previous version

APPLIED VEHICLES: Please see page 2 for Applied Vehicles, VIN, and Dates
VIN AND DATE:

IF YOU CONFIRM:

"Brake Judder" during braking, especially when braking at highway speeds.

Symptoms of "brake judder":

- steering wheel shake
- body vibration
- brake pedal pulsation

IMPORTANT NOTES:

- If any symptom above occurs when cruising or coasting (not braking), it is not "Brake Judder" and may be tire/wheel related. Refer to ASIST for further diagnostic assistance.
- DO NOT CONFUSE "Brake Judder" with the rapid consistent-speed pedal pulsation that may be felt and only occurs when ABS is activated during hard braking or on slippery road surfaces. In contrast, the pedal pulsation of "Brake Judder" may occur with light to moderate braking experienced during normal driving conditions, and the pulsation rate will vary (faster or slower) with vehicle speed.

ACTION:

1. Inspect the front brake rotors to determine if "machining" ("turning") is possible or if replacement is necessary.
2. Replace both pad pins in both front 4-piston calipers (see **PARTS INFORMATION**).
3. Replace the front brake pads (see **PARTS INFORMATION**).

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.

Infiniti 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 Infiniti dealer to determine if this applies to your vehicle.

APPLIED VEHICLES: 2014-2015 Q50 (V37)
 2014-2015 Q50 Hybrid (V37)
 2011-2013 M37 (Y51)
 2011-2013 M56 (Y51)
 2012-2013 M35 Hybrid (Y51)
 2014-2015 Q70 (Y51)
 2014-2015 Q70 Hybrid (Y51)
 2009-2012 FX35 (S51)
 2013 FX37 (S51)
 2009-2013 FX50 (S51)
 2014-2016 QX70 (S51)



**With 4-piston front calipers as
 original equipment only**

**APPLIED VIN
 AND DATE:** 2014 Q50 - ALL
 2014 Q50 Hybrid - ALL
 2011-2013 M37 - ALL
 2011-2013 M56 - ALL
 2012-2013 M35 Hybrid - ALL
 2014 Q70 - ALL
 2014 Q70 Hybrid - ALL
 2009-2012 FX35 - ALL
 2013 FX37 - ALL
 2009-2013 FX50 - ALL
 2014-2015 QX70 - ALL

2015 Q50 **2WD** - built before JN1BV7AP(*)FM **335060** / December 2, 2014
 2015 Q50 **AWD** - built before JN1BV7AR(*)FM **396104** / December 2, 2014
 2015 Q50 Hybrid **2WD** - built before JN1AV7AP(*)FM **790326** / December 2, 2014
 2015 Q50 Hybrid **AWD** - built before JN1AV7AR(*)FM **850309** / December 2, 2014

2015 Q70 **2WD** - built before:

JN1BY1AP(*)FM **542637** / June 16, 2015
 JN1AY1AP(*)FM **150099** / June 16, 2015
 JN1BY1PP(*)FM **602017** / June 16, 2015
 JN1AY1PP(*)FM **170191** / June 18, 2015

2015 Q70 **AWD** - built before:

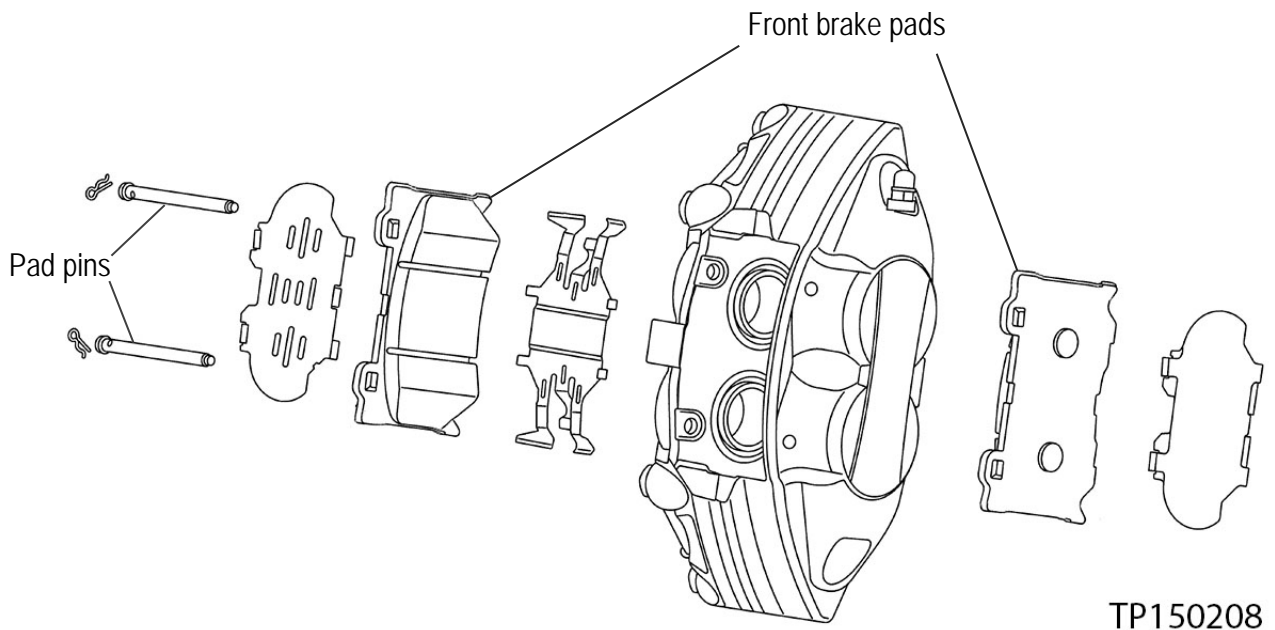
JN1BY1AR(*)FM **562705** / June 16, 2015
 JN1AY1AR(*)FM **160108** / June 26, 2015
 JN1BY1PR(*)FM **831920** / June 15, 2015
 JN1AY1PR(*)FM **180331** / June 22, 2015

2015 Q70 Hybrid - built before JN1EY1AP(*)FM **510051** / June 29, 2015

2016 QX70 **2WD** - built before JN8CS1MU(*)GM **130187** / June 16, 2015
 2016 QX70 **AWD** - built before JN8CS1MW(*)GM **400308** / June 15, 2015

SERVICE PROCEDURE

1. Inspect the front brake rotors to determine if “turning” (“machining”) is possible or if replacement is necessary.
 - Refer to the Electronic Service Manual (ESM), section **BR-Brake System**, for rotor inspection information.
 - If rotor machining is possible, make sure to use the ProCut PFM Series on-car brake lathe.
 - If rotor replacement is necessary, replace **both** front rotors as a set.
 - Use the rotor listed in FAST or your electronic parts catalog.
2. Replace the front brake pads (see **PARTS INFORMATION**).
 - Refer to the ESM, section **BR-Brake System**, for front brake pad replacement information.
3. Replace both pad pins in both front 4-piston calipers (see **PARTS INFORMATION**).
 - Refer to the ESM, section **BR-Brake System**, for 4-piston pad pin replacement information.



PARTS INFORMATION

DESCRIPTION	PART #	QUANTITY
PIN (pad pin)	41217-JL10B	4
PAD KIT-DISC BRAKE	D1060-JL00J	1

CLAIMS INFORMATION

Models

2011-2013 M37 (Y51), 2011-2013 M56 (Y51), 2012-2013 M35 Hybrid (Y51), 2014-2015 Q70 (Y51), 2014-2015 Q70 Hybrid (Y51), 2009-2012 FX35 (S51), 2013 FX37 (S51), 2009-2013 FX50 (S51)

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
RPL Front Brake Pad Pins, Brake Pads, Machine Rotors	41217-JL10B	PX76AA	ZE	32	1.7

Models

2014-2015 Q50 (V37), 2014-2015 Q50 Hybrid (V37)

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
RPL Front Brake Pad Pins, Brake Pads, Machine Rotors	41217-JL10B	PX77AA	ZE	32	1.4

