



VIBRATION WHILE BRAKING

MODEL

F06 (640i Coupe) Model Years 2013 to 2018	F06 (640i xDrive Coupe) Model Years 2014 to 2018	F07 (535i Gran Turismo) Model Years 2010 to 2017	F07 (535i xDrive Gran Turismo) Model Years 2011 to 2017
F10 (528i Sedan) Model Years 2011 to 2016	F10 (528i xDrive Sedan) Model Years 2011 to 2016	F10 (535i Sedan and 535i xDrive Sedan) Model Years 2011 to 2016	F10 (ActiveHybrid 5) Model Years 2012 to 2016
F12 (640i Convertible) Model Years 2012 to 2018	F12 (640i xDrive Convertible) Model Years 2014 to 2018	F13 (640i Coupe) Model Years 2012 to 2017	F13 (640i xDrive Coupe) Model Years 2014 to 2017

SITUATION

Vibration while braking is noticed:

- Most commonly when coming to a stop from higher speeds
- Less prominent when brakes are cold.
- After wheel balancing, the problem still exists.
- All other diagnosis according to [SI B34 10 16](#) have no results.

CAUSE

Over time, the original style NAO brake pads can develop friction variations.

CORRECTION

Since March 2016, the following new and improved NAO replacement front brake pads were introduced:

Part Number 34 11 6 871 557

Part Number 34 11 6 872 632

These replacement parts have a pad material that is more robust.

For those vehicles that still have original style NAO pads installed and are experiencing the situations noted above, resurface or replace the front brake discs as applicable and **in conjunction** replacing the front brake pads with the new and improved style NAO pads.

PROCEDURE

For conditions that are similar to the situation described:

1. Does the vehicle already have the new style NAO pads identified above?

YES- Continue troubleshooting the complaint following guidelines from [SI B34 01 14](#).

NO – Go to step 2

2. Review condition of brake discs according to [SI B34 10 16](#).

Can brake discs be resurfaced?

YES- Resurface discs. Go to step 3.

NO – Replace discs with EPC specified part. Go to step 3.

3. Replace pads with part specified in EPC.

PARTS INFORMATION

Part Number	Description	Quantity
34 11 6 871 557	Repair kit, brake pads asbestos-free	1
Or:		
34 11 6 872 632	Repair kit, brake pads asbestos-free	1

Please refer to the Electronic Parts Catalog (ETK/EPC) by using the VIN to locate the part numbers for the following:

Refer to ETK	Brake pad wear sensor, front left	1
Refer to ETK	Brake pad paste	1
Refer to ETK	Brake disc (if applicable)	2

WARRANTY INFORMATION

This service information bulletin provides technical, diagnostic and/or repair-related information.

Eligible and Covered Work/Repairs

Until the new and improved NAO pads have been installed on an applicable vehicle, the repair procedure outlined in this bulletin is covered either:

- Under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Or, in conjunction with performing a “Recommended” or “Due” Brake Pad Maintenance service task as follows:

- Up to and including model year 2016 vehicles, under the BMW Maintenance Program and if applicable, the optional Maintenance Program Upgrade; or for
- Model year 2017 and newer vehicles, under the optional BMW Ultimate Care + “Full Maintenance Programs.”

To submit a claim, please following the established and applicable warranty or maintenance program policy, procedures defect codes and labor operations.

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