



SI B34 09 13  
Brakes

January 2014  
Technical Service

## SUBJECT

### Brake Squeal

## MODEL

F30 335i without option 2NH M sport brake or without Aftersales Accessories Performance Brake Kits

## SITUATION

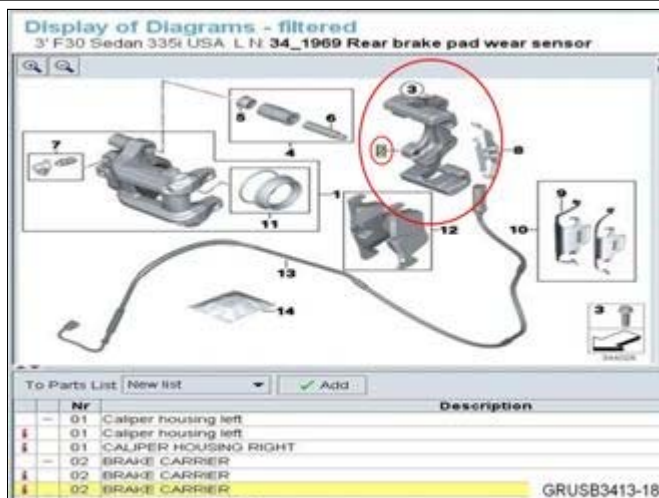
Squeaking noises from the front or rear axle when braking.

## CAUSE

The squeaking noise when braking may have different causes, depending on the axle.



Cause 1: Build up of paint runs on the brake pads and/or too little lubrication of the front and/or rear axle brakes.



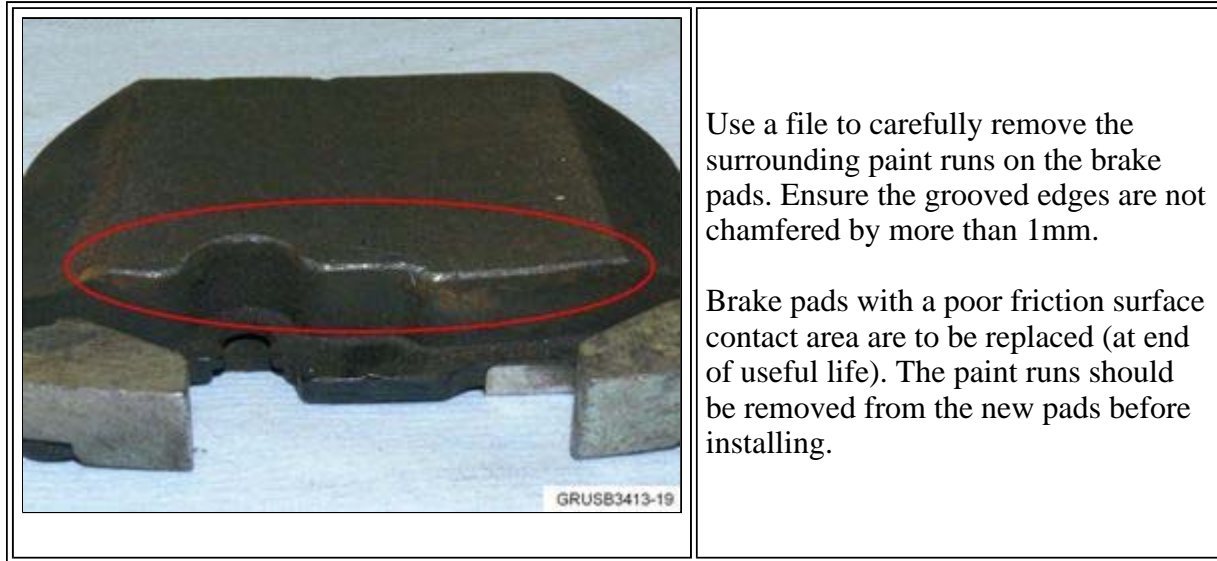
Cause 2: Vibrations of the brake carrier of the rear axle brakes.

## CORRECTION

Ensure that the correct procedure is used on the affected axle, since the incorrect application will not provide a resolution. Correctly identify whether the noises are coming from the front or rear axle brakes.

### For front axle brake squeaks:

Remove the brake pads and mark the installation position.



Clean the brake system and lubricate them as described in the Repair Manuals ( Removing and installing /replacing brake pads on both front disc brakes (Brembo) 34 11 000; Removing and installing /replacing both rear brake pads of disc brakes 34 21 000) using BMW brake pad paste P/N 83 12 2 296 187.

Refit the brake pads in their original installation position.

**IMPORTANT:** To ensure the repair is effective, it is essential that the brake pads are correctly lubricated as described in the repair procedure. *See attachments.*

REP3411000.pdf

REP3421200.pdf

### For rear axle brake squeaks:

Carry out the above described procedure and in addition, install a new brake carrier to the rear axle (P/N 34 21 6 865 641).

**NOTE:** The modified brake carrier has been fitted to vehicles beginning 07/2013. It is not necessary to install the brake carrier on vehicles produced after 07/2013.

### PARTS INFORMATION

Part Number	Description	Quantity

83 12 2 296 187	Brake Pad Paste – 5ml	1 per axle
34 21 6 865 641	Brake Carrier	2

**WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty.

**Front Axle**

<b>Defect Code:</b>	<b>34 00 01 39 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
34 10 059	Refer to KSD	Cleaning both front wheel brakes
and		
34 99 000	1 FRU	Work time to file away paint runs on the front pads

Labor operation code 34 10 059 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 34 10 559 instead.

**Rear Axle**

<b>Defect Code:</b>	<b>34 21 09 37 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
34 10 069	Refer to KSD	Cleaning and adjusting both rear wheel brakes
and		

**Installing the brake carrier on vehicles produced prior to 07/2013**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
34 99 000	3 FRUs	Work time to file away paint runs and replacing the rear brake carriers
or		

**Vehicles produced as of 07/2013**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>

34 99 000	1 FRU	Work time to file away paint runs on the rear pads
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Labor operation code 34 10 069 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 34 10 569 instead.

Even though work time labor operation code 34 99 000 ends in “000,” it is not considered a Main labor operation.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

#### **ATTACHMENTS**

View PDF attachment [B340913 REP3411000](#).

View PDF attachment [B340913 REP3421200](#).

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