



PREMATURE WEAR OF THE REAR AXLE BRAKE PADS WITH STANDARD BRAKES

MODEL

E-Series	Model Description	Production Date	Affected Option Code
G20	3 Series Sedan	November 1, 2018 to December 31, 2019	Standard brakes
G29	Z4 Roadster	November 1, 2018 to December 31, 2019	Standard brakes

SITUATION

The CBS data and Check Control (CC) message shows the rear axle brake pads are worn, and the vehicle has less than 15,500 miles.

CAUSE

Increased residual braking forces in the rear axle brake calipers caused by production-related deviations on the surface of the piston ring seal.

CORRECTION

Improved rear axle brake calipers.

PROCEDURE

1. Is the rear axle brake pad wear indicator and the CBS data display showing worn rear brake pads (service due)?

Yes, proceed to next step

No, no further action required

2. Does the vehicle have under 15,500 miles or does the rear brake pads have under 15,500 accumulated miles since the last replacement?

Yes, proceed to next step

No, replace brake pads under maintenance program or as customer pay as applicable

3. Replace both rear axle brake calipers as per REP 34 21 745* "Removing and installing/replacing rear left or right brake caliper". Install new pads and wear sensor.

* **NOTE:** The model G30 must be used when searching the repair instruction. Repair instructions are not currently available in ISTA or AIR for G20.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

For 330i, 330i xDrive; and Z4 sDrive30i

Part Number	Description	Quantity
34 20 8 836 841	Caliper housing left	1
34 20 8 836 842	Caliper housing right	1
Refer to ETK	Repair kit, brake pads asbestos-free	1
Refer to ETK	Brake pad wear sensor, rear	1
81 22 0 142 156	Brake fluid (12 oz btl)	As needed

For M340i, M340ix and Z4 M40i

Part Number	Description	Quantity
34 20 8 836 845	Caliper housing left	1
34 20 8 836 846	Caliper housing right	1
Refer to ETK	Repair kit, brake pads asbestos-free	1
Refer to ETK	Brake pad wear sensor, rear	1
81 22 0 142 156	Brake fluid (12 oz btl)	As needed

And:

Bulk Material - Sublet

Part Number	Description	Quantity
83 12 2 296 187	Brake Pad Paste - 5 ml	1

WARRANTY INFORMATION

For those vehicles with an “active” maintenance program, when the repair outlined in the Procedure section applies and is performed, this repair will address and replace the following maintenance service tasks:

- **Rear brakes service** (Pads are due with under 15,500 miles accumulated); and the
- **Brake fluid service** (When it shows Recommended, Due or Bundling Eligible)

Please be sure to explain on the repair order and in the claim comments for the Standard Scope line item that one or both of the maintenance service tasks listed above were addressed by performing the repair outlined in this Service Information Bulletin.

If any additional required maintenance service tasks are required and performed, when eligible, claim these items normally and reset the CBS data.

Defect Code:	3421022900	Brake pad, rear jammed/stuck
---------------------	-------------------	-------------------------------------

As outlined in the Procedure section (Step 2, Yes) and in conjunction with the above, rear caliper replacement is covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Labor Operation	Description	Labor Allowance
34 00 506	Venting brake system (Plus work)	Refer to AIR
And:		
34 21 755	Replacing both rear axle brake calipers (including the brake pads)	Refer to AIR
Or:		
34 21 760	Replacing both rear axle brake calipers (including the brake pads) (Wheels removed)	Refer to AIR

Refer to AIR for the corresponding flat rate unit (FRU) allowances.

Please also follow the Technical Data information and applicable Service Information Bulletins for rear brake discs inspection and servicing with the replacement of the brake pads.

And, as needed:

Sublet – Bulk Materials (RO and Claim Comments Required)

Sublet Code 4	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk material (Do not use the BMW part numbers for claim submission)
--------------------------------	---	---

Sublet reimbursement calculation for claiming the applicable repair-related bulk material (BMW part numbers) is at the dealer net price amount for the quantity used plus your center’s handling.

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.