



SI B31 04 12
Front Axle

May 2015
Technical Service

This Service Information bulletin supersedes SI 31 04 12 **dated April 2014.**

NEW designates changes to this revision

SUBJECT

Groaning Noise from Front Axle

MODEL

NEW F01 (7 Series Sedan)

NEW F02 (7 Series Sedan LWB)

F07 (Gran Turismo)

Produced to 5/31/12

Without xDrive

SITUATION

Groaning noises are heard from the front axle area while maneuvering at low speeds (e.g., parking lot maneuvers) or over uneven road surfaces.

CAUSE

Hydraulic mount in tension strut

PROCEDURE

Confirm the groaning noise is coming from the front axle area. Locate it on either the driver's or passenger's side. Replace the hydraulic mount for the affected side, following Repair Instruction 31 12 134.

PARTS INFORMATION

Part Number	Description	Quantity
31 12 6 775 145	Hydrobearing	1 NEW or 2 as Needed

WARRANTY INFORMATION

NEW Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	31 12 07 39 00	
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Repairing One Side

Labor Operation:	Labor Allowance:	Description:
31 12 134	Refer to KSD	Replacing rubber mount in left or right tension strut

NEW If you are using a Main labor code for another repair, use the Plus code labor operation 31 12 634 or labor operation 31 12 645 when the tension strut is already removed.

Or:

Repairing Both Sides

Labor Operation:	Labor Allowance:	Description:
31 12 138	Refer to KSD	Replacing rubber mounts of both tension struts

NEW If you are using a Main labor code for another repair, use the Plus code labor operation 31 12 644 or labor operation 31 12 646 when the tension strut is already removed.

NEW Refer to KSD2 for the corresponding flat rate unit (FRU) allowance.

NEW Wheel alignment is not required for these repairs.

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