



SI B33 02 12
Rear Axle

December 2012
Technical Service

SUBJECT

Rattling Noise from Rear Axle

MODEL

F13

Produced up to 7/1/2012 with Electronic Damper Control (EDC)

SITUATION

A rattling noise is heard from the rear axle when driving over rough or uneven road surfaces.

CAUSE

Internal tolerances of rear shocks

CORRECTION

Replace both rear shocks. Follow ISTA repair instruction RA37 12 1090.

The vehicle will need to be programmed with ISTA/P 2.47.2 or higher after the new shocks are installed.

Note that ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software.

For information on programming and coding with ISTA/P, refer to Center Net / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

Note: When the ISTA system message displays: Battery voltage only “XX.XX” V. Please connect charger. Please note the displayed battery voltage reading in the repair order comments section. This documentation is not necessary when part of an approved Technical Service repair procedure; the battery charger is required to be attached before performing the Vehicle Test.

PARTS INFORMATION

Part Number	Description	Quantity
37 12 6 859 781	Left rear shock	1
37 12 6 859 782	Right rear shock	1
33 50 6 859 919	Support bearing	2

WARRANTY INFORMATION

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

Defect Code: 33 52 05 39 00

Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)

and if necessary, also

61 21 528 Refer to KSD2 Charging battery

and

37 12 597 Refer to KSD2 Replace both rear spring struts

and

61 00 730 Refer to KSD2 Programming / encoding control unit(s)

Labor operation code 00 00 006 is a main labor operation. If you are using a main labor code for another repair, use the plus code labor operation 00 00 556 instead.

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.

If a control module fails to program correctly or initializations are required, the additional work must be claimed with separate labor operations under the defect code listed above, refer to KSD2.

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