



SI B31 04 16
Front Axle

June 2016
Technical Service

Thumping noises from the front section of the vehicle

MODEL

F22 (2 Series Coupe)	F23 (2 Series Convertible)	F30 (3 Series Sedan)	F31 (3 Series Sports Wagon)
F32 (4 Series Coupe)	F33 (4 Series Convertible)	F34 (3 Series Gran Turismo)	F36 (4 Series Gran Coupe)
Produced from 5/31/11 to 3/1/15 with SA2VF Adaptive M Suspension			

SITUATION

Thumping noises from the front section of the vehicle may occur when driving over poor road surfaces.

CAUSE

Software of the Variable Damper Control (VDC)

CORRECTION

Reprogram the vehicle

PROCEDURE

Program the vehicle using the latest version of ISTA/P to listed Integration level.

F22, F23, F30, F31, F32, F33, F34, F36	Target integration level: F020-16-07-501 or higher
--	--

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

IMPORTANT NOTE: ISTA/P 3.59.0 is not available until late June 2016

Always connect a BMW approved battery charger/power supply ([SI B04 23 10](#)).

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

WARRANTY INFORMATION

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

Defect Code:	31 32 01 39 00	

Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as “Charging battery”)
And:		
61 00 730	Refer to KSD2	Programming / encoding control unit(s)

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) allowances.

Vehicle Programming and Coding

Control module failures that occur during programming:

- Please claim these consequential repairs under the defect code listed in this bulletin and use the applicable KSD2 labor operations.

Other Repairs

Control module failures that occur prior to programming:

- When covered under an applicable limited warranty, claim these repairs using the applicable defect code and labor operations in KSD2.

[Copyright ©2016 BMW of North America, Inc.]