



Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

SUBJECT

Service Action: Replace Left Front Spring Strut

MODEL

F01 (740i Sedan)

F02 (740Li Sedan LWB and a 750Li xDrive LWB)

F10 (535i Sedan)

SITUATION

The “Variable Damper Control” (VDC) valves for the spring strut shock absorber on the left front axle may fail, causing the Check Control message: “Chassis function restricted. It is possible to continue driving. Have the system checked as soon as possible by your local BMW Service Workshop” to be displayed.

AFFECTED VEHICLES

This Service Action only affects four (4) vehicles as noted above according to VIN selection. The Centers with the affected vehicles will be notified directly.

PROCEDURE

Replace the left front spring strut as per the Repair Instructions RA 3711032 (Remove and refit or replace the front left or right spring strut) or RA 3711032 (Remove and refit or replace the front left or right spring strut, all-wheel drive vehicle).

Program and code the vehicle using the latest version ISTA/P (3.56.0 or higher).

Model	Target integration Level
F01, F02 (7 Series Sedan)	F001-15-07-501
F10 (5 Series Sedan)	F010-15-07-501

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 CenterNet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

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

PARTS INFORMATION

Part Number	Description	Quantity
37 11 6 851 127	Front left spring strut (F01, F02)	1

37 11 6 863 115	Front left spring strut (F01, F02, F07)	1
37 11 6 863 119	Front left spring strut (F10, F11), EDC+Adaptive drive	1
07 11 9 906 495	Hexagon screw with flange (all types)	1
33 30 6 760 585	Combination nut	2
07 14 7 029 829	Hexagon bolt	1
07 11 9 905 147	Hexagon screw with washer	1
31 10 6 765 451	Combination nut	1
33 30 6 760 349	Self-locking flanged nut	1
37 10 6 789 678	Flanged hexagon nut	2
31 30 6 795 151	Self-tapping screw	3
32 21 6 769 539	Self-locking hexagon bolt	1
07 12 9 905 817	Hexagon nut	1

WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

Defect Code:	00 31 69 01 00	
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All except the 750Li xDrive (Three VINs)

Labor Operation:	Labor Allowance:	Description:
00 63 092	21 FRU	Replace the spring strut and program and code the control units (Main work) (Includes connecting an approved battery charger/power supply and performing a vehicle test)

Or, for the:

750Li xDrive (One VIN)

Labor Operation:	Labor Allowance:	Description:
00 63 092	30 FRU	Replace the spring strut and program and code the control units

		(Main work) (Includes connecting an approved battery charger/power supply and performing a vehicle test)
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Vehicle Programming and Coding

If a control module was working properly and it fails to program correctly or requires initialization, please claim this additional work with the applicable KSD2 labor operations under the defect code listed above.

The diagnosis and repair of vehicles “arriving” with failed control modules or stored faults which will cause them to fail during programming cannot be claimed under the defect code listed in this bulletin.

Other Repairs

If other eligible and covered work is performed “prior” to programming and coding the vehicle, claim this work with the applicable defect code and labor operations listed in KSD2.

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