



FAILURE OF THE ELECTRIC STEERING COLUMN ADJUSTMENT AT HIGHER CABIN TEMPERATURE

MODEL

F90 (M5 Sedan)	F91 (M8 Convertible)	F92 (M8 Coupe)	F93 (M8 Gran Coupe)
F95 (X5 M Sports Activity Vehicle)	F96 (X6 M Sports Activity Coupe)	G05 (X5 Sports Activity Vehicle)	G06 (X6 Sports Activity Coupe)
G07 (X7 Sports Activity Vehicle)	G12 (7 Series Sedan)	G14 (8 Series Convertible)	G15 (8 Series Coupe)
G16 (8 Series Gran Coupe)	G30 (5 Series Sedan)	G32 (640i xDrive Gran Turismo)	

All models produced from November 01, 2019.

SITUATION

Electric steering column adjustment fails when interior cabin temperatures rise above 122 degrees F (e.g., parked outdoors on hot day).

CAUSE

Faulty self-diagnosis of the steering column control unit.

CORRECTION

Replace the steering column control unit.

PROCEDURE

Determine the vehicle's current I-level by either using AIR or the ISPA NEXT application.

F90, F91, F92, F93, G11, G12, G14, G15, G16, G30, G32:

A. If the I-level is **more recent (higher) than or equal to 19-11-5xx**, replace the steering column control unit according to repair instructions 32 31 599.

B. If the I-level is **older (lower) than 19-11-5xx**, exchanging the steering column control unit does not provide a remedy, work through the test module.

Or:

F95, F96, G05, G06, G07:

C. If the I-level is **more recent (higher than) or equal to 20-03-5xx**, replace the steering column control unit according to repair instructions 32 31 599.

D. If the I-level is **older (lower) than 20-03-5xx**, exchanging the steering column control unit does not provide a remedy, work through the test module.

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.

F90, F91, F92, F93, G11, G12, G14, G15, G16, G30, G32:

Part Number	Description	Quantity
32 30 6 885 215	Steering column control unit	1
or		
32 30 8 842 043	Steering column control unit	1

F95, F96, G05, G06, G07:

Part Number	Description	Quantity
32 30 6 894 830	Steering column control unit	1

or		
32 30 8 842 045	Steering column control unit	1

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

Defect Code:	3231160200	Control unit, steering column adjustment software error / internal equipment fault
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Procedure Steps A and C

Labor Operation	Description	Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And:		
61 21 528	Connect an approved battery charger/power supply (indicated in AIR as Charging battery)	Refer to AIR

And, additionally for the:

e-Vehicles

Labor Operation	Description	Labor Allowance
61 25 910	Recharging high-voltage battery unit (to high voltage charging socket)	Refer to AIR

And, for:

All Models except the ALPINA B7 (G12)

Labor Operation	b	Labor Allowance
32 31 599	Replacing control unit for electric steering column adjustment	Refer to AIR

Or, for the:

ALPINA B7 (G12)

Labor Operation	Description	Labor Allowance
32 99 000	Work time for replacing control unit for electric steering column adjustment	3 FRU

Or, for:

Procedure Steps B and D (Other Repairs)

If other eligible and covered work is performed as a result of performing the ISTA diagnostics and related test plans, claim this work with the applicable defect code and the labor operations that are listed in AIR (including diagnosis).

As applicable to your center, please refer to **SI [B01 01 20](#) or [B01 07 20](#)** for claiming your diagnosis work time, job/repair work time (WT), WT and repair-related explanation procedures.

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
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Warranty inquiries	Submit an IDS ticket to the Warranty Department
Parts inquiries	Submit an IDS ticket to the Parts Department