



SIB 66 32 19

2019-10-25

LDW (LANE DEPARTURE WARNING): STEERING WHEEL VIBRATION NOT WORKING

## MODEL

E-Series	Model Description	Production Date	Affected Option Code / Engine
F39	X2 Sports Activity Coupe	Up to March 1, 2018	5AS – Driving Assistant or
F48	X1 Sports Activity Vehicle		5AT – Active Cruise Control w/ Stop & Go

## SITUATION

LDW steering wheel vibration is not working.

## CAUSE

Software in the Body Domain Controller (BDC) control unit.

## CORRECTION

Software update Integration Level (I-level) 19-07-554 or higher.

- ISTA 4.19.2x was released September 11th, 2019

## PROCEDURE

1. Read out the vehicle I-level via Key Read or AIR.
2. If the I-level is F056-19-07-530 or lower, then program and encode the vehicle using ISTA 4.19.2x.  
Target I-level F056-19-07-554 or higher
3. If the I-level is F056-19-07-554 or higher, then perform standard diagnosis with ISTA.
4. Work through the corresponding test modules.
5. Retest to verify functionality.

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

## WARRANTY INFORMATION

During this workshop visit, the affected vehicle may show one or more other Technical Campaign repairs open that also include vehicle control unit programming and encoding, the programming and encoding procedure may only be invoiced one time.

**If you have this situation, update the vehicle to the current available I-level by performing and submitting for one of these open Technical Campaigns. Please be sure to also perform any other additional work as required by the campaign and/or close the remaining open vehicle programming and encoding Technical Campaign repairs as outlined in the corresponding Service Information Bulletin.**

If there aren't any Technical Campaign repairs open that include programming and encoding the control units and the vehicle's current I-level is below the Target I-level of F056-19-07-554, then perform and submit as follows:

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

<b>Defect Code:</b>	<b>6137141500</b>	<b>Vibration motor/vibration agitator in steering wheel permanent malfunction</b>
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**Vehicle I-level is lower (older) than F056-19-07-554:**

<b>Labor Operation</b>	<b>Description</b>	<b>Labor Allowance</b>
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:		
61 00 730	Programming/encoding control unit(s)	Refer to AIR

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006.

Refer to AIR for the corresponding flat rate unit (FRU) allowances.

During the same workshop visit, if a vehicle also requires another Technical Campaign or repair that also includes programming and encoding the control units, the programming procedure may only be invoiced one time.

**Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)**

The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software I-level. If one or more control module failures occur during this programming procedure:

- Please claim this consequential control module-related repair work under the defect code listed in this bulletin with the applicable AIR labor operations.

Please explain this additional work (The why and what) on the repair order and in the claim comments section.

For control module failures that occurred prior to performing this programming procedure:

- When covered under an applicable limited warranty, claim this control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis with separate punch times).

**Other Repairs (Vehicle I-level is already at 19-07-554 or higher)**

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 with separate punch times).