



## MODEL

F48 (X1 produced through 10/31/2017)

## SITUATION

The Dynamic Stabilization Control (DSC) Indicator lamp is on.

Check Control Message (CCM) "Driving stabilization failure"

One or both of the following fault codes is stored in the DSC control unit.

- 030541 - ECU SBS - Yaw sensor model fault sensor 1
- 030543 - ECU SBS - Yaw sensor signal quality sensor 1

## CAUSE

DSC module software

## CORRECTION

Reprogram vehicle with ISTA 4.08.2x.

## PROCEDURE

For conditions that are similar to the situation described:

1. Perform diagnosis with the latest version of ISTA.
2. Check for faults stored in the DSC control unit.

**Is 030541 - ECU SBS - Yaw sensor model fault sensor 1 stored, or**

**Is 030543 - ECU SBS - Yaw sensor signal quality sensor 1?**

**YES-** go to next step.

**NO** – continue diagnosis with ISTA.

3. Program the vehicle using ISTA Next 4.08.2x or higher

**(Target integration I-level F056-17-11-522)**

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

**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 / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

- Adjust the driving dynamics sensor system via the service functions and delete the fault memory. No further repairs are required.

## PARTS INFORMATION

No parts replacement is necessary.

## 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.

<b>Defect Code</b>	<b>3452101500</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work)
Or:		
00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as "Charging battery")
And, as necessary:		
61 00 006	Work time (WT)	Performing vehicle diagnosis – test module
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 of 00 00 006

Refer to KSD2/AIR for the corresponding flat rate unit (FRU) allowances.

### Vehicle Programming and Coding

ISTA automatically reprograms and codes all the vehicle control modules that 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 KSD2/AIR labor operations.

### Other Repairs

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 KSD2/AIR.