



DRIVING STABILIZATION CONTROL FAILURE: ABS/DSC INSTRUMENT LAMPS LIT

MODEL

F48 (X1)	
Produced from 7/1/15 to 3/30/16	

SITUATION

ABS/DSC lamps lit in instrument cluster.

Fault codes may be saved in the DSC control unit:

- 480AAD - wheel speed sensor - rear left – smoke monitoring
- 480AAC - wheel speed sensor – rear left - unexpected jump in the signal
- 4809B9 - wheel speed sensor - rear left - driving off recognition faulty
- 480716 - wheel speed sensor - rear left - plausibility: direction of rotation
- 4809B7 - wheel speed sensor - rear left - missing tooth
- 480719 - wheel speed sensor - rear right - plausibility: direction of rotation
- 480686 - wheel speed sensor - rear right - driving off recognition faulty
- 480AB3 - wheel speed sensor - rear right - unexpected jump in the signal
- 480AB4 - wheel speed sensor - rear right - smoke monitoring
- 4809C2 - wheel speed sensor - rear right – missing tooth

CAUSE

Rear wheel pulse generator (wheel speed sensor) retaining screw is loose, missing or broken.

CORRECTION

Replace retaining screw on both rear wheel pulse generators.

PROCEDURE

1. Inspect rear wheel pulse generator.

Is the generator firmly attached at the top of the rear wheel carrier?

YES- continue with ISTA diagnosis. This bulletin does not apply.

NO- Continue to next step.

2. Check the condition of the retaining screw.

Did the retaining screw break off in the mounting hole?

YES- Remove portion of the retaining screw lodged in the hole. Go to step 4.

NO – Continue to next step.

3. Remove retaining screw.
4. Reinstall pulse generator with new mounting screw (part #- 12 72 6 858 057).
5. Repeat procedure on other wheel.

PARTS INFORMATION

Part Number	Description	Quantity
12 72 6 858 057	Torx screw with collar	2

WARRANTY INFORMATION

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

Defect Code:	34 52 06 37 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults) (Main work)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as “Charging battery”)

And, as applicable:

Repairing One Side

Labor Operation:	Labor Allowance:	Description:
		Inspect both rear wheel pulse

34 99 000	2 FRU	generators and replace one loose/missing retaining screw.
Or:		
34 99 000	5 FRU	Inspect both rear wheel pulse generators and drill out one broken retaining screw.

Or:

Repairing Both Sides

Labor Operation:	Labor Allowance:	Description:
34 99 000	3 FRU	Inspect both rear wheel pulse generators and replace both loose/missing retaining screws
Or:		
34 99 000	6 FRU	Inspect both rear wheel pulse generators, replace one loose/missing retaining screw on one side and drill out a broken retaining screw on the other.
Or:		
34 99 000	8 FRU	Inspect both rear wheel pulse generators and drill out both broken retaining screws.

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.

Work time labor operation code 34 99 000 is not considered a Main labor operation. Also, since the "work time" FRU allowance to be claimed is specified, a separate punch time is not required.

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 listed in KSD2.

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