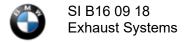
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October 2018
Technical Service

# SCR SYSTEM FAULT 805256 STORED IN VERY COLD WEATHER

#### **MODEL**

F10 (5 Series Sedan)	F15 ( X5 xDrive35d )		F31 (3 Series Sports Wagon)
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Produced up to 8/1/18 and equipped with the N47T of N57T diesel engine.

## **SITUATION**

After the vehicle is exposed to prolonged temperatures under -9°C (15.8°F) and is then driven a long distance when temperatures are above -9°C (15.8°F), the check engine light may be illuminated.

The following fault may be stored in the Digital Diesel Electronics (DDE)

805256 - Active tank filling level sensor, signal: echo fault

### **CAUSE**

In low temperature under -9°C (15.8°F) a layer of ice may form in the active tank. This can result in an incorrect level measurement after the vehicle is driven.

#### CORRECTION

Program the DDE with ISTA 4.12.1x or higher

#### **PROCEDURE**

For conditions that are similar to the situation described:

- 1. Perform diagnosis with the latest version of ISTA
- 2. Program the vehicle using ISTA 4.12.1x or higher to the appropriate level shown below:

Model	Target I-level
F10 (5 Series Sedan)	F010-18-07-520 or higher

Model	Target I-level
F15 ( X5 xDrive35d )	F025-18-07-520 or higher
F30 (3 Series Sedan)	

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F31 (3 Series Sports Wagon)	
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Note that 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, refer to CenterNet / TIS / Technical Documentation / Programming and Diagnostics / Programming Documentation

#### 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:	1619101200	
Labor Operation:	Labor Allowance:	Description:
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:		
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 Encoding**

A. 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 KSD2/AIR labor operations.

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

- B. 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 (including diagnosis) in KSD2/AIR.

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