


SUBJECT

Service Engine Soon Light (MIL) is On with SCR Fault 805220 Stored

MODEL

F02 (7 Series Sedan)

F10 (5 Series Sedan)

F15 (X5)

With the N57T engine

F25 (X3)

F30 (3 Series Sedan)

F31 (3 Series Sport Wagon)

With the N47T engine

SITUATION

The Service Engine Soon light is on with the following fault stored in the Selective Catalyst Reduction module (SCR).

- 805220 – Delivery module, system pressure, pressure build-up is too low.

This fault is very likely to be stored at temperatures below 32°F / 0°C if the vehicle is programmed using ISTA/P 3.54.1 or 3.54.2.

CAUSE

Unfavorable SCR software

CORRECTION

Program the vehicle using ISTA/P 3.54.3 or higher. (Planned release 12/19/2014).

F02	Target integration level: F001-14-11-505 or higher
F10	Target integration level: F010-14-11-505 or higher
F30, F31	Target integration level: F020-14-11-505 or higher
F15, F25, F26	Target integration level: F025-14-11-505 or higher

Important!

If your center is located in a cold climate area and you have to program any of the diesel models listed above before ISTA/P 3.54.3 is available, it is imperative to correct the SCR module software in an IRAP session before releasing the vehicle back to the customer.

Please submit a PuMA case using the title “IRAP for Diesel Service Engine Light prevention”

Note that ISTA/P 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 / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned Limited Warranty.

Defect Code:	16 19 10 12 00	
Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD 2 as Charging battery)
And		
61 00 730	Refer to KSD2	Programming/encoding control unit(s)

Labor operation code 00 00 006 is a Main labor operation. 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) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

If a control module or component was working properly and/or had no related faults stored prior to vehicle programming and it fails to program correctly or requires initialization, this additional work must be claimed with separate labor operations under the defect code listed above; refer to KSD2.

Repairs to control modules and components with pre-existing conditions are not eligible to be claimed under the defect code listed in this bulletin.