



N63T - Drivetrain Malfunction Message after Driving for Several Hours

This Service Information bulletin supersedes SI B12 10 16 **dated April 2016**

MODEL

F01 (7 Series Sedan)	F06 (6 Series Gran Coupe)	F12 (6 Series Coupe)
F02 (7 Series Sedan LWB)	F07 (Gran Turismo)	F13 (6 Series Convertible)
With the N63T engine produced to 7/2013		

SITUATION

“Drivetrain Malfunction” message displayed with reduced engine power.

Erroneous misfire faults may be stored for cylinders 3 and 6.

The situation is most likely to occur after driving for several hours at constant highway speeds with light throttle (low load and low engine speed).

Cycling ignition off and back on again clears the “Drivetrain Malfunction” warning

CAUSE

DME software (plausibility check error)

CORRECTION

Reprogram vehicle.



PROCEDURE

1. Perform diagnosis with the latest version of ISTA.
2. Program the vehicle using the latest version of ISTA/P to listed Integration level.

F01, F02, F07	Target integration level: F001-16-07-501 or higher
F06, F12, F13	Target integration level: F010-16-07-501 or higher

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 Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

This repair is also covered by the terms of the Federal and/or State-specific Emissions Warranty (dependent on the vehicle's model year, state of registration and its inclusion on the "model-specific" list of covered components) that applies to the BMW model(s) listed.

The BMW Certified Pre-Owned Limited Warranty applies to BMW vehicles that have and are still within the BMW Certified Pre-Owned coverage period, but beyond Emissions Warranty coverage that applies.

Defect Code:	10 42 31 59 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, 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.

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

Work time labor operation code 61 00 006 is not considered a Main labor operation; however, it does require an individual punch time and an explanation on the repair order and in the claim comments section.

Vehicle Programming and Encoding

Control module failures that occur during programming:

- Please claim these consequential repairs under the defect code listed in this bulletin and use the applicable KSD2 labor operations.



Other Repairs

Control module failures that occur prior to programming and/or additional work is performed as a result of performing the ISTA diagnostics and related test plans:

- When covered under an applicable limited warranty, claim these repairs using the applicable defect code and labor operations in KSD2.

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