



---

**SUBJECT****N63 - Drivetrain Malfunction Warning with Quantity Control Valve Faults****MODEL**

F01 (7 Series Sedan, BMW ALPINA B7, BMW ALPINA B7 xDrive)

F02 (7 Series Sedan LWB, BMW ALPINA B7 LWB, BMW ALPINA B7 xDrive LWB)

F07 (5 Series Gran Turismo)

F10 (5 Series Sedan)

F12 (6 Series Convertible)

F13 (6 Series Sedan)

With the N63 engine

**SITUATION**

The Drivetrain Malfunction message is displayed and any of the following faults for the quantity control valves are stored in the DME.

- 11C302 – Fuel- supply control valve 2, activation: short circuit to ground or open circuit
- 11C401 – Quantity control valve, activation: short circuit to ground
- 1F4C04 – Relay, quantity control valve: open circuit

**CAUSE**

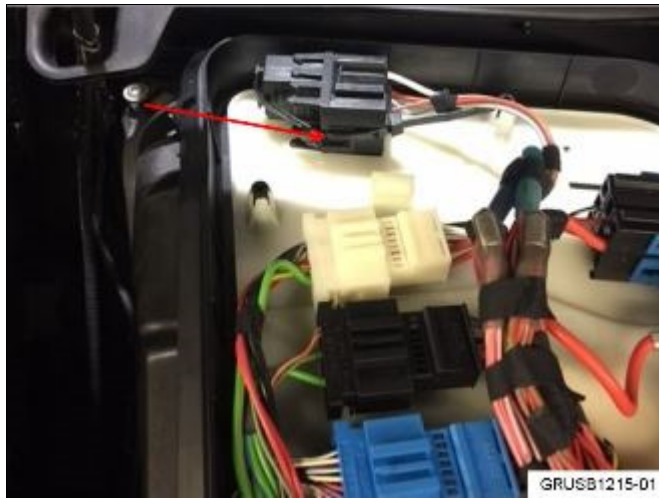
The most likely cause is the high fuel pressure quantity control valve relay (K6342) loose connection at the electrical connector.

**CORRECTION**

Reseat and secure the relay.

**PROCEDURE**

1. Perform the recommended test plans using the latest version of ISTA/D.
2. Reseat and secure the relay to the electrical connector plug with a wire tie.



### WARRANTY INFORMATION

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

<b>Defect Code:</b>	<b>12 51 06 37 00</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)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger / power supply
(indicated in KSD 2 as Charging battery)		
And:		
12 99 000	3 FRU	Work time to install a wire tie to secure the quantity control valve relay to the electrical connector plug

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) allowances.

Work time labor operation code 12 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.

[ Copyright ©2015 BMW of North America, Inc. ]