



## F48 WITH XDRIVE: FAULT MEMORY ENTRY 440317 IN LMV

### MODEL

F48 (X1 xDrive Series)	
Produced to 11/03/16	

### SITUATION

The following Check Control Message (CCM) is displayed in the instrument cluster:

CCM 350: Driving stabilization. Drive at a moderate speed.

The following entry is present in the fault memory of the LMV:

- 440317 - Pump motor: General multiple fault.

Further fault memory entries can occur in combination:

DSC:

- 48068C - Transfer box - clutch closed down temporarily, possible overheating.
- 48078A - All-wheel drive clutch - clutch position open, only front-wheel drive.

LMV:

- 440304 - Pump motor: Current too low

### CAUSE

Unfavorable software of the longitudinal torque distribution module (LMV).

### CORRECTION

Reprogram with ISTA/P 3.60.1, or ISTA NEXT 4.02.20 to level F056-16-11-502 or higher available.

### PROCEDURE

1. Check whether the fault memory entry "440317 - pump motor: general multiple fault" is present.
2. Clear the fault and a test drive the vehicle. Check the fault memory again.

- If the fault is not reproducible after the test drive, the vehicle should be programmed with ISTA/P 3.60.1 or ISTA NEXT 4.02.20 to



Note: A part exchange does not provide a solution.

- If the fault is stored again, work through the corresponding test plan in the ISTA/D.

## 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.

<b>Defect Code:</b>	<b>2710199600</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) (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 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.

### Vehicle Programming and Coding

When ISTA/P automatically reprograms and codes all the vehicle control modules that currently do not have the latest software and control module failures occur during this programming:

- Please claim these consequential control module repair work under the defect code listed in

### **Other Repairs**

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

- When covered under an applicable limited warranty, claim the control module and/or other repairs using the applicable defect code and labor operations in KSD2.

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