



## REMOTE KEY WILL NOT OPEN OR START VEHICLE

### MODEL

F15 (X5)	F16 (X6)	F39 (X2)	F48 (X1)
F85 (X5 M)	F86 (X6 M)	I01 (i3 & i3 REx)	I12 (i8)

Not applicable With SA 3DS (BMW display key) for I12

### SITUATION

Remote key battery in service significantly less (under a year) than expected two-year life-span.

Remote key will NOT:

- Open/close vehicle door locks
- Start engine (except when held directly against steering column)

CC message "Battery of remote key empty (ID:00067)" displayed

Fault memory entry "BDC 804415- ID Transmitter: Battery under-voltage" stored

### CAUSE

Remote key battery has been drained, possibly by elevated standby current (faulty capacitor).

### CORRECTION

If premature battery drainage is confirmed, replace the defective remote key.

### PROCEDURE

For conditions that are similar to the situation described:

1. Perform diagnosis with the latest version of ISTA, working through corresponding test module.
2. Check condition of battery in remote using ZTS Multi-Battery tester (see attachment).

#### Is the remote battery drained?

**YES-** replace the remote.

**NO** – continue diagnosis with ISTA.

NOTE: Do not replace a new battery in the old remote.

All return remotes will be checked for the battery condition.

### PARTS INFORMATION

All required parts can be found in the Electronic Parts Catalog.

## WARRANTY INFORMATION

Replacement of the remote control transmitter/key, when required as described in this bulletin, is covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

Replacement of the remote control transmitter battery by itself is not covered under the New Vehicle Limited Warranty.

<b>Defect Code:</b>	<b>6135621500</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) (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:		
66 10 000	3 FRU	Perform the test module, checking the condition of remote control transmitter battery, order and replacing the remote control transmitter/key

And, additionally for the:

### e-Vehicles

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
61 25 910	Refer to KSD2	Recharging high-voltage battery unit (to high voltage charging socket)

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.

Work time labor operation code 66 10 000 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.

## ATTACHMENTS

View PDF attachment [B660118 Attachment](#).

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**INFORMATION ON THE ZTS MULTI-BATTERY TESTER MBT-1**

The ZTS Multi-Battery Tester™ (MBT-1) provides a comprehensive means of testing the state of charge or state of power for more than 30 battery types. This microprocessor-controlled instrument is designed to test popular primary (non-rechargeable) and rechargeable batteries using a patented, high accuracy pulse load test.

After a fully automatic test cycle, the percentage of remaining battery capacity is indicated in the LED bar display.

Battery types are clearly labeled next to appropriate contacts. The negative test lead/probe conveniently stores in the seam at the side. There are no switches or settings, and test results are easy to understand. Test NiMH, Li-Ion, alkaline, lithium, coin cell, button types and more.



**Features:**

- Easy to use
- Quickly and easily identify weak or failing batteries
- Patented high accuracy pulse load test
- Ideal for battery management and cell matching

**PROCEDURE TO TEST A BATTERY:**



1. Place the battery (+) firmly on the appropriate test terminal.



2. Hold the probe tip on the battery (-) to begin the automatic pulse load test.



3. The tester indicates the remaining battery capacity in the LED display.

**NOTE: If the LED display is not green, replace the battery.**