



This Service Information bulletin supersedes SI B61 30 14 **dated January 2015.**

NEW designates changes to this revision

SUBJECT

BMW Maintenance Program: 12-Volt Battery Replacement Measure

MODEL

E70 (X5)

Produced from 4/2010 to 6/2013

With the N63 engine

E71 (X6)

Produced from 4/2010 to 6/2013

With the N63 engine

F01 (7 Series Sedan)

Produced from 3/2010 to 6/2012

With the N63 engine

F02 (7 Series Sedan LWB)

Produced from 3/2010 to 6/2012

With the N63 engine

F04 (ActiveHybrid 750i)

Produced from 4/2010 to 6/2012

With the N63 engine

F07 (5 Series Gran Turismo)

Produced from 9/2010 to 6/2012

With the N63 engine

F10 (5 Series Sedan)

Produced from 3/2010 to 6/2013

With the N63 engine

F12 (6 Series Convertible)

Produced from 3/2011 to 7/2012

With the N63 engine

F13 (6 Series Coupe)

Produced from 3/2011 to 7/2012

With the N63 engine

E71 (X6)

Produced from 7/2013

With the N55 or S63 engine

F01 (7 Series Sedan)

Produced from 7/2013

With the N55 or N63T engine

F02 (7 Series Sedan)

Produced from 7/2013

With the N55, N63T, or N74 engine

F06 (6 Series Gran Coupe)

Produced from 3/2013

With the N55, N63T, or S63 engine

F07 (5 Series Gran Turismo)

Produced from 9/2013

With the N55 or N63T engine

F10 (5 Series Sedan)

Produced from 7/2013

With the N55, N57, N63T, or S63 engine

F12 (6 Series Convertible)

Produced from 3/2013

With the N55, N63T, or S63 engine

F13 (6 Series Coupe)

Produced from 3/2013

With the N55, N63T, or S63 engine

F15 (X5)

Produced from 8/2013

With the N55, N57, or N63T engine

INFORMATION

This bulletin outlines a customer satisfaction measure that has been designed exclusively for the BMW vehicles listed above. It involves the replacement of the 12-volt battery as a preventive maintenance measure.

This 12-volt battery replacement measure is:

- **Effective for repairs dated on or after January 1, 2015.**
- **Applicable to vehicles that are still covered by the BMW Maintenance Program. This program is valid for 4 years or 50,000 miles, whichever occurs first.**
- **NEW** **The calculation is based on the current date of repair. It is “applicable” when the 12-volt battery was not replaced within the last 12 months. You can then perform the battery replacement as outlined below.**

Please check the warranty claim history for the specific vehicle in the DCSnet Warranty Vehicle Inquiry to confirm the battery was not already replaced within the previous 12 months.

PROCEDURE

Important note: Do not perform an energy diagnosis for these battery replacements.

Vehicles equipped with the N63 engine

Perform the battery replacement for N63 vehicles under one of the following conditions:

- In conjunction with performing the N63 Engine: Customer Care Package (N63 CCP, [SI B11 06 14](#)), and/or
- Combined with every eligible “Recommended” or “Due” engine oil service task, as well as any other “combined” and/or “stand alone” maintenance tasks items if they qualify to be performed (see the “Warranty Information” section below).

See the “12-Volt Battery Replacement with performing the N63 CCP” section below for important information.

Note: The battery replacement will only show “combined” with engine oil service counter #2.

1. Replace the battery with a 105 Ah battery (this is an upgrade from the originally fitted 90 Ah battery). Refer to ISTA Repair Instruction 61 21 010, “Remove and install or replace battery” and proceed to step 5b. The following exceptions apply:
 - If the vehicle is an E70 or E71 and was produced prior to 10/2011, replace the battery with the 90Ah battery and proceed to step 5a (these vehicles cannot accept a battery upgrade to 105 Ah).
 - If the battery installed in the vehicle is already a 105 AH battery, replace it with a 105 Ah battery and proceed to step 5a.

Important notes:

NEW • **F06, F07, F10, F12, and F13 vehicles will require an additional hold-down clamp (P/N 61 21 7 592 923), only if upgrading from a 90 Ah battery to a 105 Ah battery.**

NEW • **Some vehicles have a metal tab on the battery tray. It has to be bent down flat in order to prevent damage to the new 105Ah battery when performing the upgrade.**

NEW • **F10 vehicles produced from 3/2010 up to 9/2010 do not have enough room for the 105 Ah batteries. Replace the battery with the 90/92 Ah battery. Vehicles produced from 9/2010 can be upgraded to the 105 Ah batteries.**

2. Register the new battery using ISTA. Refer to [SI B61 15 12](#).
 - a. Select “Enter battery replacement: same capacity” if the same size battery was installed. The replacement is finished. No further steps are needed.
 - b. Select “Enter battery replacement: higher/lower capacity” if the higher capacity 105 Ah battery was installed in place of the 90Ah battery. Proceed to the next step.
3. Start an ISTA/P session using the latest version of ISTA/P.
4. Select “Conversions/Retrofits” and select “Retrofit, 105 Ah AGM Battery” for the first replacement/upgrade only.
5. Note that ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software.
6. After the programming is finished, the battery replacement is finished.

Always connect a BMW approved battery charger/power supply ([SI B04 23 10](#)).

12-volt battery replacement together with performing the N63 CCP

If you are performing the N63 CCP ([SI B11 06 14](#)) and:

1. The vehicle is still within the first 4 years/50,000 miles, and
2. The 12-volt battery was NOT replaced within the last 12 months, then
3. Replace the battery in conjunction with performing the N63 CCP, regardless of the engine oil service task “status” showing in CBS and the ISPA Light application.

Vehicles equipped with the N55, N57, N63T, S63, and N74 engines

Please replace the 12-volt battery at the second engine oil service (combined with engine oil service counter #2) when this service shows “Recommended” or “Due” by miles, or qualifies to be performed within the next 60 days (unless the battery was already replaced within the last 12 months).

1. Perform a Key Read on the vehicle and check to see if an engine oil service (counter #2) qualifies to be performed.
2. Confirm the battery was not replaced previously during the last 12 months.
3. If the results of steps 1 and 2 allow, replace the battery together with performing the engine oil service.
4. Refer to ISTA Repair Instruction 61 21 010, “Remove and install or replace battery.”
5. Register the new battery using ISTA. Refer to [SI B61 15 12](#). Select “Enter battery replacement: same capacity,” and then the replacement is finished.
6. Perform the “combined” service tasks with the engine oil service, as well as any “stand alone” maintenance tasks items if they qualify to be performed (see the “Warranty Information” section below).
7. Reset the CBS data to 100%.

PARTS INFORMATION

Part Number	Description	Quantity
61 21 2 353 812	90/92 AH battery (if equipped)	1
61 21 2 353 814	105 AH (if equipped or for upgrade)	1
61 21 7 592 923	Battery Clamp Rail (only if needed for F06, F07, F10, F12, F13)	1

WARRANTY INFORMATION

Covered up to the first 4 years or 50,000 miles, whichever occurs first (unless the battery was replaced within the last 12 months), as outlined below:

Applicable N63 engine vehicles

When performed either in conjunction with the N63 CCP ([SI B11 06 14](#)) procedure or “combined” with an “Recommended” or “Due” engine oil service under the terms of an “active” BMW Maintenance Program period.

Applicable N55, N57, N63T, S63, and N74 engine vehicles

When performed as a “combined” maintenance service task item with a “Recommended” or “Due” engine oil service at counter #2 under the terms of an “active” BMW Maintenance Program period.

Defect Code:	85 10 02 56 MP	
Labor Operation:	Labor Allowance:	Description:
61 21 517	Refer to KSD2	Replacing battery, with registering battery replacement

N63 retrofit programming: upgrade battery from a 90 Ah to a 105 Ah

When necessary and programming/encoding is NOT included with performing another repair during the same service visit.

Labor Operation:	Labor Allowance:	Description:
61 21 518	Refer to KSD2	Replacing battery, with registering battery replacement (after Vehicle diagnosis)
00 00 556	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
61 00 730	Refer to KSD2	Retrofit programming of vehicle for upgrade of battery

		from 90 Ah to 105 Ah
And if necessary, also		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD2 as “Charging battery”)

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.

NEW Vehicle Programming/Encoding

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.

Other Maintenance Service Task Items

If eligible, claim any additional maintenance service task items (combined or “stand alone” that are “Recommended” or “Due”) under the BMW Maintenance Program, or invoice them separately as customer-pay only after reviewing these items with the customer and with his or her approval.

NEW Overlapping Labor when Performing Other Repairs

NEW If invoicing additional KSD2 flat rate labor operation codes for the other repair work results in overlapping labor being claimed, invoice work time labor operation 00 50 000 instead for the additional time (FRU) minus the overlap.

NEW On the repair and in the claim comment section, please identify the labor operation that the labor operation code(s) 00 50 000 replaces, and itemize the claimed FRU amount.

NEW Even though work time labor operation code 00 50 000 ends in “000,” it is not considered a Main labor operation. When work time labor operation 00 50 000 is being used for work that will be claimed under different defect codes, separate punch time(s) are required.

ATTACHMENTS

View PDF attachment [B613014 Attachment](#).

View PDF attachment [B613014 FAQ](#).