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**PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES BEFORE CUSTOMER DELIVERY OR THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.**

**BMW centers must ensure recalls are completed after having been notified by BMW of North America, LLC (BMWNA) that a safety-related defect or noncompliance exists in any motor vehicle or item of replacement equipment in the center's possession at the time of notification. In BMW NA's case, this notification would typically be made by the issuance of a recall notification in the form of a Service Information bulletin (SIB) or transmission of a Dealer Communication System (DCS) recall message.**

**Under the National Traffic and Motor Vehicle Safety Act of 1966, as amended, if a recall campaign is announced by BMW NA, centers must ensure that all recalls on new vehicles and new items of replacement equipment are completed BEFORE delivery to the consumer. This means that centers may not legally deliver new motor vehicles or new items of replacement equipment to consumers with an open recall.**

**The Safety Act also prohibits centers from selling or leasing the motor vehicle or item of replacement equipment, unless and until the open recall has been completed BEFORE delivery. This also pertains to vehicles in the Certified Pre-Owned program, and to items of replacement equipment.**

**Finally, BMW centers should not sell or use parts that have been recalled by BMW NA. Please follow the specific instructions provided by BMW NA on the return or disposition of the parts.**

#### **SUBJECT**

**Recall Campaign 12V-475: Replace Engine Oil Pump**

#### **MODEL**

F10

F12

F13

With the S63T engine

#### **SITUATION**

The engine oil pump may fail due to an internal mechanical separation of the oil pump driveshaft and rotor resulting in a loss of engine oil pressure. If pressure is lost, engine failure can occur due to lack of lubrication.

#### **VEHICLES AFFECTED**

This Recall Campaign involves F10 (M5), F12 and F13 (M6) vehicles with the S63T engine produced from July 2012 to September 2012.

In order to determine whether a specific vehicle has had this Recall Campaign completed or is affected by this Recall Campaign, first check the B-pillar label for code number **627**. If code number **627** has been punched out, the campaign has already been performed. If code number **627** has not been punched out, it will be necessary to utilize the "Service Menu" of DCSnet (Dealer Communication System) or the Key Reader. Based on the response of the system, either proceed with the corrective action or take no further action

#### **CORRECTION**

Replace the engine oil pump and engine oil filter.

#### **PROCEDURE**

1. Remove the underbody protection covering and stiffening plate as per Repair Instruction 31 11 040.
2. Replace the engine oil pump as per Repair Instruction 11 41 000.
3. After replacing the oil pump, replace the engine oil filter and refill the engine crankcase with 9.5 quarts of new engine oil.

The additional 0.5 quarts of engine oil is required when the the engine oil pump is replaced.

#### **PARTS INFORMATION**

<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
11 41 7 845 513	Engine oil pump	1
11 13 7 843 149	Gasket	1
07 12 9 907 263	ASA-Bolt M6x25	22
07 11 9 963 151	Gasket ring	1
33 32 6 768 354	Hex screw with collar M10x33	8
07 51 0 017 866	Engine oil (quart container– see the “sublet” section below)	10

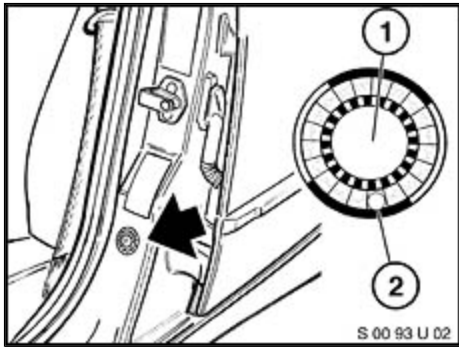
See the Warranty Information – Additional Work Required section for special claim submission instructions for the following part number.

<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
11 42 7 848 321	Engine oil filter kit	1

#### **LABEL INSTRUCTIONS**

This Service Action has been assigned code number **627**. After the vehicle has been checked and/or corrected, obtain a label (SD 92-417) and:

- A. Emboss your BMW center warranty number in the middle of the label (1);



- B. Punch out code number **627** (2), printed on the label; and
- C. Affix the label to the B-pillar as shown.

If the vehicle already has a label from a previous Service Action/Recall Campaign, affix the new label next to the old one. Do not affix one label on top of another one because a number from an underlying label could appear in the punched-out hole of the new label.

#### **WARRANTY INFORMATION — RECALL CAMPAIGN**

The repair described in this bulletin is covered under warranty regardless of time or mileage.

Reimbursement for this Recall will be via normal claim entry utilizing the following information:

**Defect Code:**                    **00 11 02 03 00**

#### **Before vehicle delivery to the customer**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 61 512	22 FRU	Read and clear the fault memory (Vehicle Test includes charging battery) and replace the oil pump

Labor operation code 00 61 512 is a Plus labor operation.

or

#### **After vehicle delivery to the customer**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 61 001	24 FRU	Read and clear the fault memory (Vehicle Test includes charging battery) and replace the oil pump

Labor operation code 00 61 001 is a Main labor operation.

and

<b>Sublet Code 4</b>	<b>Sublet amount</b>	<b>Sublet reimbursement for the required quantity of engine oil</b>
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Sublet calculation: Claim the required quantity of engine oil (Reference BMW P/N 07 51 0 017 866, 1

quart container, please do not use for claim entry) at dealer net plus handling.

Enter this material cost in sublet and itemize the amount in the claim comment section.

#### **WARRANTY INFORMATION — ADDITIONAL WORK REQUIRED**

A. When the first required engine oil service (Running-in Check) is showing as “Recommended” or “Due” in CBS:

- Claim the Engine Oil Filter Kit part number under the BMW Maintenance Program defect code for the “Running-in Check” at 1,200 and reset the CBS data.

B. When the engine oil service **is not** showing as “Recommended” or “Due” in CBS:

- Claim the Engine Oil Filter Kit part number under defect code **85 10 01 95 NA**; please do not reset the CBS data.

**Note:** Only claim the oil filter kit part number as outlined above, claim all other listed parts numbers and the sublet under the Recall Campaign defect code **00 11 02 03 00**.

#### **ATTACHMENTS**

view PDF attachment [B110912 M5 M6 Oil Pump Q&A](#).

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