



**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.**

#### SUBJECT

**Service Action: Retrofit Heat Insulators to Turbocharger Coolant Lines**

#### MODEL

F06 (M6)

F10 (M5)

F12 (M6)

F13 (M6)

#### SITUATION

There is a possible coolant leak at the exhaust turbochargers.

#### CAUSE

Excessive heat buildup in the area of the turbocharger coolant lines

#### AFFECTED VEHICLES

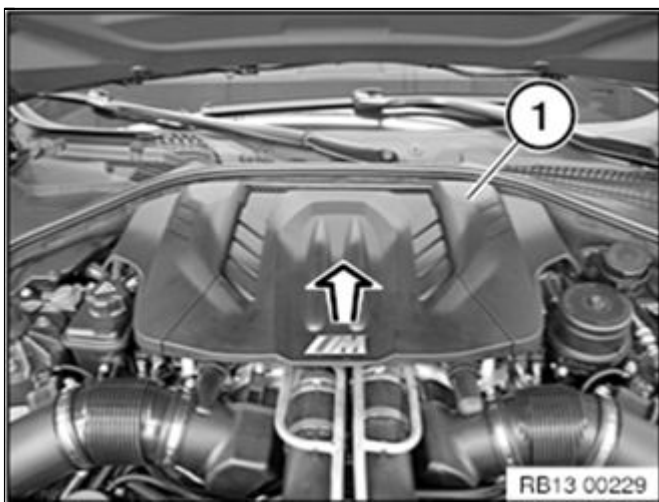
This Service Action involves F06, F10, F12 and F13 M5 and M6 vehicles produced October 2011 to July 2014.

First check if a Service Action label with a code number **711** is already attached to the B-pillar.

If a code number **711** has been punched out, the Campaign has already been performed and no further action is necessary.

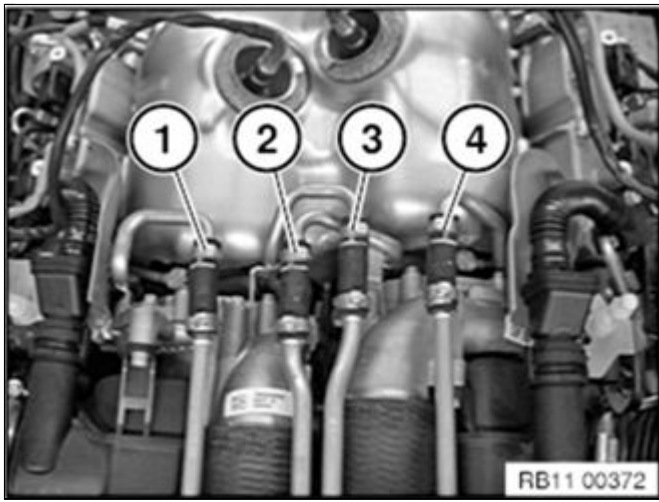
Vehicles which require this Service Action to be completed will show it as "Open" when checked either in the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

#### PROCEDURE



Unclip the engine cover (1) toward the top and remove.

Check the coolant lines (1 through 4) at the turbochargers for any signs of leakage. Replace both the coolant



delivery line and coolant return line if there any leaks are found.  
Follow Repair Instruction RA 11 53 ...  
“Removing and installing/replacing coolant flow pipe and coolant return pipe for exhaust turbocharger (S63T 0) for coolant line replacement.”



Install insulator sleeves (1) on all four coolant lines as shown. Insulator sleeves are to be installed on the original coolant lines (no leaks found) or after replacing the coolant lines (leaks were found).

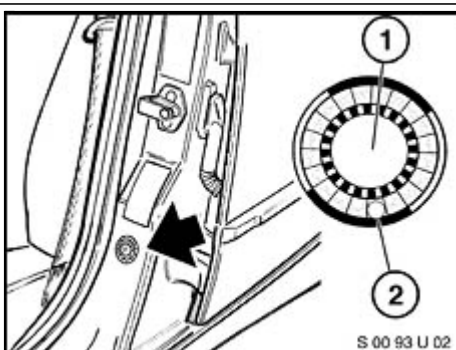
Reinstall the engine cover and top up coolant (if needed).

#### PARTS INFORMATION

Part Number	Description	Quantity
11 53 7 853 849	Heat guard	4
11 53 7 844 268*	Inlet pipe*	1
11 53 7 844 269*	Return pipe*	1
32 41 1 131 346*	Hose clamp*	4

\* Only if a coolant leak was found

#### LABEL INSTRUCTIONS



This Service Action has been assigned code number **711**. After the vehicle has been checked and/or corrected, obtain a label (SD 92-453) and:

- A. Emboss your BMW center warranty number in the middle of the label (1);
- B. Punch out code number **711** (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

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

<b>Defect Code:</b>	<b>00 11 45 03 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 62 775	Refer to KSD2	Retrofit heat protection mats to the coolant lines only

Or:

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 62 776	Refer to KSD2	Retrofit heat protection mats to the coolant lines; replace the delivery and return lines

Labor operation codes 00 62 775 and 00 62 776 are Plus labor operations.

And:

Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for replacing the drained quantity of antifreeze/coolant (bulk container reference BMW P/N 82 14 1 467 704, one gallon container. Do not use this part number for claim submission.)
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Sublet calculation: Reimbursement for replacing the drained quantity of antifreeze/coolant (1 gallon bulk container reference P/N 82 14 1 467 704, 50/50 mixture) at dealer net plus handling.

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

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.