

SB-10046760-1461SI M11 05 12
EngineSeptember 2012
Technical Service

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: N18 Timing Chain Tensioner Oil Leakage Inspection and/or Seal (Gasket) Ring Replacement

MODEL

R55

R56

R57

R60

SITUATION

An oil leak can develop from the timing chain tensioner mounting location.

CAUSE

The timing chain tensioner seal ring material is too soft, resulting in lost tension during the timing chain tensioner tightening sequence.

AFFECTED VEHICLES

This Service Action involves certain R55, R56, R57 and R60 MINI Cooper S vehicles with the N18 engine which were produced from 7/2010 to 5/2011.

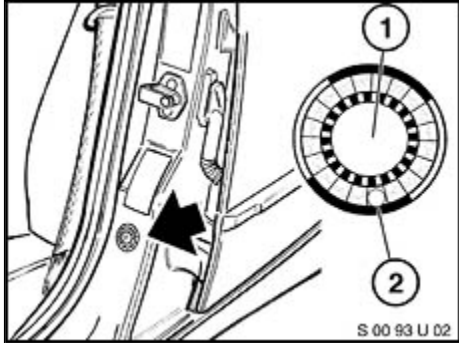
In order to determine whether a specific vehicle has had this Service Action completed or is affected by this Service Action, first check the B-pillar label for code number **54**. If code number **54** has been punched out, the campaign has already been performed. If code number **54** has not been 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.

PROCEDURE

1. Remove the intake air filter assembly as per Repair Instruction 13 71 000.
2. Inspect the area around the timing chain tensioner for traces of engine oil.
3. If no leak is present, reinstall the air filter housing as per Repair Instruction 13 71 000. If a leak is present, proceed to step 4.
4. Replace the timing chain tensioner seal (gasket) ring with P/N11 31 7 631 972 and utilize the proper tightening torque as per Repair Instruction 11 31 090.

PARTS INFORMATION

Part Number	Description	Quantity
11 31 7 631 972	Timing Chain Tensioner Seal (Gasket) Ring	1

LABEL INSTRUCTIONS

This Service Action has been assigned code number **54**. After the vehicle has been checked and/or corrected, obtain a label (MD20-040) and:

- A. Emboss your MINI dealer warranty number in the middle of the label (1);
- B. Punch out code number **54** (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

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

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

Defect Code: 00 11 99 02 00

Check timing chain tensioner for leakage and or replace the seal (gasket) ring.

Labor Operation:	Labor Allowance:	Description:
00 60 961	3 FRU	Visual inspect chain tensioner for leak-tightness – no repair necessary
or		
00 60 962	R55, R56, R57: 10 FRU R60: 12 FRU	Replace the timing chain tensioner seal (gasket) ring

Labor operation code 00 60 961 and 00 60 962 are Plus labor operations (Vehicle is already in the workshop).

or

Check timing chain tensioner for leakage and or replace the seal (gasket) ring in conjunction with another repair.

Labor Operation:	Labor Allowance:	Description:
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00 60 963	1 FRU	Visual inspect chain tensioner for leak-tightness – no repair necessary (Intake air filter housing removed)
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or

00 60 964	R55, R56, R57: 9 FRU R60: 11 FRU	Replace the timing chain tensioner seal (gasket) ring (Intake air filter housing removed)
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Labor operation code 00 60 963 and 00 60 964 are Associated labor operations to work already performed (The intake air filter housing was removed to perform another repair).

For example, use the “Associated” labor operation when the Service Action repair outlined in SI M17 04 12 or SI M17 05 12 shows open and, that repair and the applicable repair outlined in this Service Information bulletin are being performed at the same time.

Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for up to one quart of engine oil (applicable MINI part number only. Do not use this part number for claim submission)
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Sublet calculation: Up to one quart of engine oil (applicable MINI part number only) at dealer net plus handling. Enter this material cost in sublet and itemize the amount in the claim comment section.

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