



This Service Information bulletin supersedes SI B54 04 09 **dated November 2009**.

**NEW** designates changes to this revision

#### **SUBJECT**

**Wind Noise or Water Leak from the Sunroof**

#### **MODEL**

E53 (X5)

E60, E61 (5 Series) produced up to 11/2008

E65, E66 (7 Series)

E70 (X5) produced up to 3/2009

F01, F02 (7 Series) produced up to 12/2008

E71 (X6) produced up to 3/2009

E83 (X3) produced up to 6/2009

E91 (3 Series Sports Wagon) produced up to 3/2009

#### **SITUATION**

A wind noise or water leak may be present due to an insufficient seal between the sunroof glass panels and the perimeter seal. This insufficient seal typically takes a year or longer to cause any noticeable problems.

#### **CAUSE**

- The hollow/bulb-style seal has taken a permanent set in the compressed position.
- The seal material has started to deteriorate over time.

#### **CORRECTION**

Replace the seal using an updated part, which utilizes a different material with improved durability. In addition, the geometry of the seal has been optimized for improved sealing. In conjunction with this new style seal, some vehicles may require a coding update to avoid future problems pertaining to the anti-trap protection being activated when no obstruction is present.

#### **PROCEDURE**

1. Replace the perimeter seal per Repair Instruction REP 54 13 055.
2. **E60 and E61 vehicles produced up to 11/2008:**

Program the vehicle using ISTA/P 2.31.2 or later.

**E70 and E71 vehicles produced up to 3/2009:**

Program the vehicle using ISTA/P 2.33.0 or later.

**E83 vehicles produced up to 6/2009:**

Program the vehicle using ISTA/P 2.34.0 or later.

**E91 vehicles produced up to 3/2009:**

Program the vehicle using ISTA/P 2.33.0 or later.

**NEW E53, E65, and E66** – No updates are required when fitting the updated seal to these vehicles.

Note that ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software.

For information on programming and coding with ISTA/P, refer to CenterNet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

Other models covered by this Service Information do not require a coding update.

3. Initialize the sunroof per Repair Instruction RA 54 0... and then operate it several times to ensure that it does not activate anti-trap protection. If anti-trap protection is activated, ensure that the perimeter seal is properly installed and readjust the glass panels. This situation is quite rare.

#### **PARTS INFORMATION**

<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
54 10 7 245 551	Perimeter seal – standard size sunroof	1
54 10 7 199 533	Perimeter seal – panoramic sunroof	1

#### **WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle Limited Warranty.

**Defect Code:**                   **54 12 20 01 00**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
54 12 117*	Refer to KSD	Replacing seal for glass sunroof lid
Refer to KSD	Refer to KSD	Program and code control modules

\*Main Work - use this labor operation number when this is the only repair being performed, or if this is the main repair when performed along with other repairs at the same time. If this is not the main repair, refer to KSD for the associated (+) labor operation code.

In cases where ISTA requires the replacement of control modules or additional programming because certain control modules failed to program correctly, print out the Measures Plan and Final Report and attach these reports to the RO in the vehicle file. This additional work should be claimed under the defect code listed in this bulletin, using the labor operation and labor allowance from the KSD.