



SI M51 05 13
Body Equipment

October 2013
Technical Service

SUBJECT

Creaking/Cracking Noise from the Upper Roof Area

MODEL

R60

Produced from July 31, 2011

SITUATION

A creaking noise can be heard from the rear roof area when driving on rough roads or uneven surfaces.

CAUSE

The body shell roof support area, where the C-pillar is joined to the roof, is buckling, creating the noise.

PROCEDURE

Confirm the location of the roof noise being generated at the upper area of the C-pillar, and proceed to the next step.



1. Remove the headliner and inner C-pillar trim from the affected side.

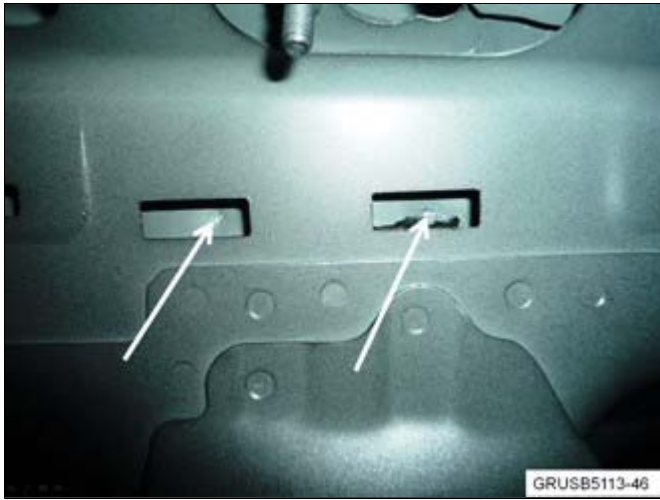
2. Road test the vehicle with a helper, inserting a screwdriver through the roof, and opening and applying varying pressure to the metal roof support as shown. If the noise can be eliminated by applying pressure, proceed to the next step.



3. Insert a steel center punch through the rear rectangle opening of the reinforcement. Using a heavy steel hammer, hit the punch hard enough to create a small dimple in the sheet metal.



4. Use the same procedure for the front rectangle opening, and make another small dimple.



5. The arrows show the size of the two small dimples created. Test drive the car to ensure the noise has been eliminated. Apply paint dabs to the two dimples to restore corrosion protection, and then install all removed parts in the reverse order of their removal.

WARRANTY INFORMATION

Covered under the terms of the MINI New Passenger Car Limited Warranty.

Defect Code:	41 21 02 39 00	
---------------------	-----------------------	--

With Panoramic Roof

Labor Operation:	Labor Allowance:	Description:
51 44 013	KSD2	Removing and installing headliner with panoramic roof
or		
51 44 513	KSD2	Removing and installing headliner with panoramic roof (plus work)

or

Without Panoramic Roof

Labor Operation:	Labor Allowance:	Description:
51 44 002	KSD2	Removing and installing headliner without panoramic roof
or		
51 44 502	KSD2	Removing and installing headliner without panoramic roof (plus work)

and		
Labor Operation:	Labor Allowance:	Description:
51 36 530	KSD2	Removing and installing or replacing finisher panel on the left or right C-pillar (plus work)
and		
51 99 000	1 FRU	Work time to create center punch marks in the roof support sheet metal
and		
Sublet Code 4	\$1.00	Reimbursement for the used quantity of protective coating or paint

Even though work time labor operation code 51 99 000 ends in “000,” it is not considered a Main labor operation.

[Copyright ©2013 BMW of North America, Inc.]