

Interior - Noise Sources on Instrument Panel BR 204

Noise sources on instrument panel BR 204

Topic number L168.10-P-055895
Version 2
Design group 68.10 Instrument panel
Date 05-01-2013
Validity Model series 204
Reason for change Part number of adhesive pad added

Complaint:



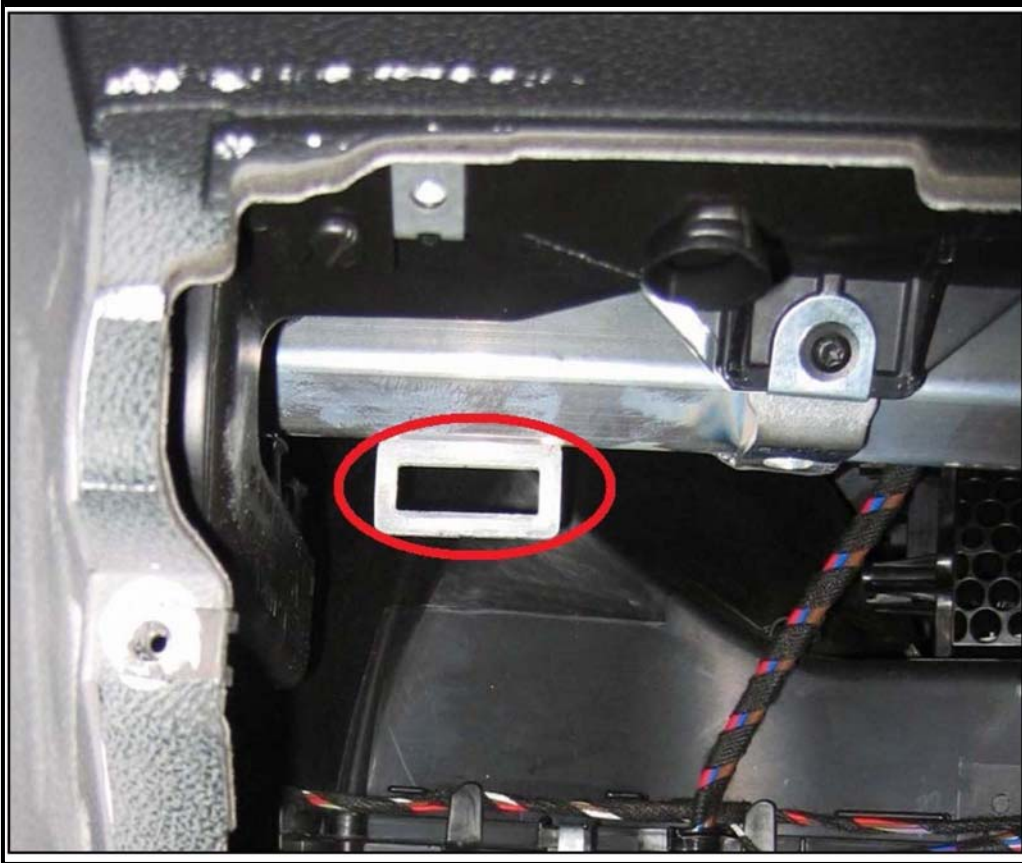
(Numbering in accordance with "Noise source overview.jpg" in attachment)

1. Glove box squeaks/rattles in top left area.
2. Creaking or friction noise in center console area at transition from lower control panel to HVAC control panel.
3. Chatter/noise in area of center air vent/head unit (as of facelift).
4. Creaking/cracking noise in area of combination cover (as of facelift).
5. Noise from upper area of instrument cluster.
6. Noise in right instrument cluster area.

File	Designation
Noise source overview.jpg	Overview of noise sources on instrument panel, BR 204

Attachments

Cause:



1. Breakthrough for glove box on crossmember sharp-edged (Attachment 1)





2. Cover of lower control panel makes contact on left side with cover of HVAC control panel (Attachment 2)

3. Lower trim strip of center air vent touches bezel of head unit



4. The material pairing between the chrome rings and the combination cover generates noise at potentially all points of contact (Attachment 4)





5. Relative movement of components to each other (Attachment 5)



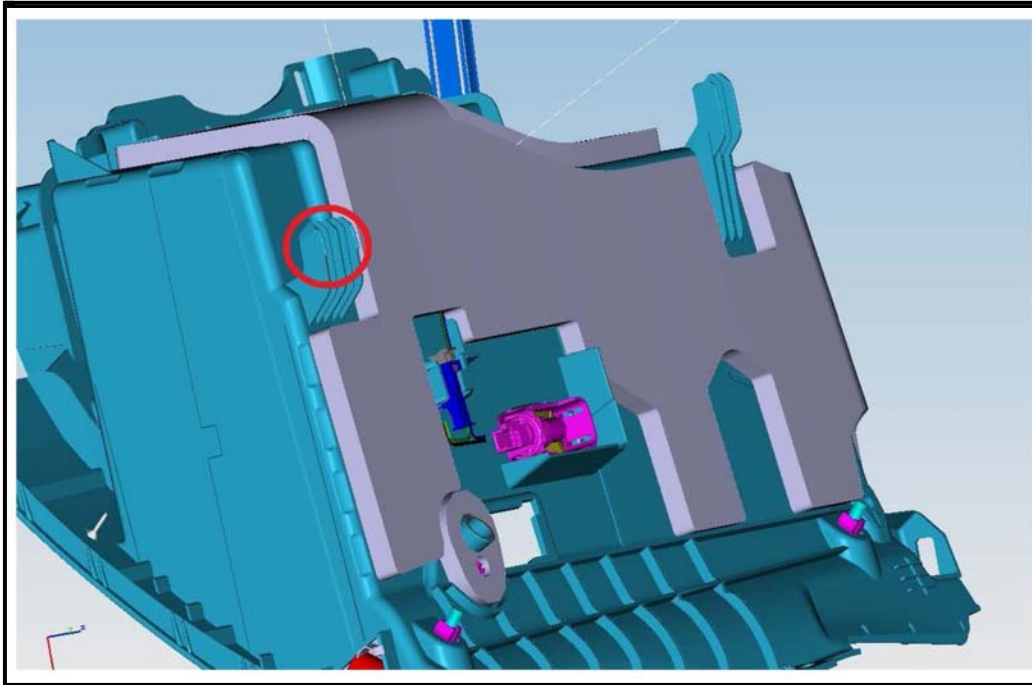
6. Improper torque of attachment bolt (Attachment 6)



File	Designation
1.jpg	Sharp-edge breakthrough
2.jpg	Contact area between lower control panel and HVAC control panel
4.jpg	Points of contact between chrome ring and instrument cluster cover
5.jpg	Potential noise sources on instrument cluster cover

Attachments

Remedy:



1. Attach thin layer of felt to suspension at top left of glove box (Attachment 1-2)
2. Apply felt tape to contact points on back side of lower control panel.





3. Attach adhesive pads lined with rubber on lower bar of center air vent (Attachment 3-1 and 3-2)



4. Glue components using hot melt adhesive to each other (Attachment 4-1)
5. Attach felt tape to contact points and designated areas.
6. Tighten bolt and washer assembly to 2 Nm (Attachment 6)

File	Designation
1-2.jpg	Apply felt to marked suspension
3-1.jpg	Adhesive pads lined with rubber on lower bar of center air vent
3-2.jpg	Adhesive pads lined with rubber on lower bar of center air vent
4-1.jpg	Component bonding. Avoid any thread formation of adhesive.
6.jpg	Verify torque of bolt and washer assembly

Attachments

Body / Interior equipment / Instrument panel / Noise
--

Symptoms

Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A 211 835 00 88			Screw head covering	44	Adhesive rubber pads	X	

Parts