
Noise sources on instrument panel BR 204

Topic number	LI68.10-P-055895
Version	1
Design group	68.10 Instrument panel
Date	03-14-2013
Validity	Model series 204
Reason for change	
Reason for block	

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.

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

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)

Attachments	
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

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)

Attachments	
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

Symptoms
Body / Interior equipment / Instrument panel / Noise

Validity		
Vehicle	Engine	Transmission
C (204)	*	*

Full model designation breakdown		
Vehicle	Engine	Transmission
204.000	651.913	711.653
204.000	651.913	716.656
204.000	651.913	722.694
204.000	651.913	722.996
204.001	651.913	711.653
204.001	651.913	716.656
204.001	651.913	722.694
204.001	651.913	722.996
204.002	651.911	711.653
204.002	651.911	716.656
204.002	651.911	722.646
204.002	651.911	722.908
204.003	651.911	711.670
204.003	651.911	722.646
204.003	651.911	722.908
204.006	646.812	711.655
204.006	646.812	716.608
204.006	646.812	722.699
204.007	646.811	711.655

204.007	646.811	716.608
204.007	646.811	716.655
204.007	646.811	722.699
204.008	646.811	716.657
204.008	646.811	722.640
204.022	642.960	711.670
204.022	642.960	722.902
204.023	642.834	711.670
204.023	642.834	722.903
204.025	642.830	711.670
204.025	642.830	722.902
204.031	274.910	711.655
204.031	274.910	722.995
204.041	271.950	711.656
204.041	271.950	716.607
204.041	271.950	716.635
204.041	271.950	722.695
204.041	271.950	722.997
204.044	271.910	711.655
204.044	271.910	711.656
204.044	271.910	716.635
204.044	271.910	722.695
204.045	271.910	711.655
204.045	271.910	716.607
204.045	271.910	722.695
204.046	271.952	711.656
204.046	271.952	716.607
204.046	271.952	716.635
204.046	271.952	722.695
204.046	271.952	722.997
204.047	271.860	722.618
204.047	271.860	722.997
204.048	271.860	711.653
204.048	271.860	711.655
204.048	271.860	716.607
204.048	271.860	716.612
204.048	271.860	722.696
204.048	271.860	722.997
204.049	271.820	711.653
204.049	271.820	711.655
204.049	271.820	716.607
204.049	271.820	716.612
204.049	271.820	722.696

204.049	271.820	722.997
204.052	272.921	711.656
204.052	272.921	716.636
204.052	272.921	722.998
204.054	272.947	711.654
204.054	272.947	716.671
204.054	272.947	722.999
204.055	276.957	722.906
204.056	272.961	722.906
204.057	276.957	722.906
204.065	272.982	722.906
204.077	156.985	722.907
204.077	156.985	722.930
204.080	276.957	722.960
204.081	272.948	722.964
204.082	651.912	722.965
204.084	651.912	711.653
204.084	651.912	722.965
204.085	272.911	722.963
204.087	272.971	722.960
204.088	276.957	722.960
204.089	642.961	722.962
204.092	642.832	722.962
204.200	651.913	711.653
204.200	651.913	716.656
204.200	651.913	722.694
204.200	651.913	722.996
204.201	651.913	711.653
204.201	651.913	716.656
204.201	651.913	722.694
204.201	651.913	722.996
204.202	651.911	711.653
204.202	651.911	716.656
204.202	651.911	722.646
204.202	651.911	722.908
204.203	651.911	711.670
204.203	651.911	722.646
204.203	651.911	722.908
204.207	646.811	711.655
204.207	646.811	716.608
204.207	646.811	716.655
204.207	646.811	722.699
204.208	646.811	716.657

204.208	646.811	722.640
204.222	642.960	711.670
204.222	642.960	722.902
204.223	642.834	711.670
204.223	642.834	722.903
204.225	642.830	711.670
204.225	642.830	722.902
204.231	274.910	711.655
204.231	274.910	722.995
204.241	271.950	711.656
204.241	271.950	716.635
204.241	271.950	722.695
204.241	271.950	722.997
204.245	271.910	711.655
204.245	271.910	716.607
204.245	271.910	722.695
204.246	271.952	711.656
204.246	271.952	716.635
204.246	271.952	722.695
204.246	271.952	722.997
204.247	271.860	722.618
204.247	271.860	722.997
204.248	271.860	711.653
204.248	271.860	711.655
204.248	271.860	716.607
204.248	271.860	716.612
204.248	271.860	722.696
204.248	271.860	722.997
204.249	271.820	711.653
204.249	271.820	711.655
204.249	271.820	716.607
204.249	271.820	716.612
204.249	271.820	722.696
204.249	271.820	722.997
204.252	272.921	711.656
204.252	272.921	716.636
204.252	272.921	722.998
204.254	272.947	711.654
204.254	272.947	716.671
204.254	272.947	722.999
204.256	272.961	722.906
204.257	276.957	722.906
204.277	156.985	722.907

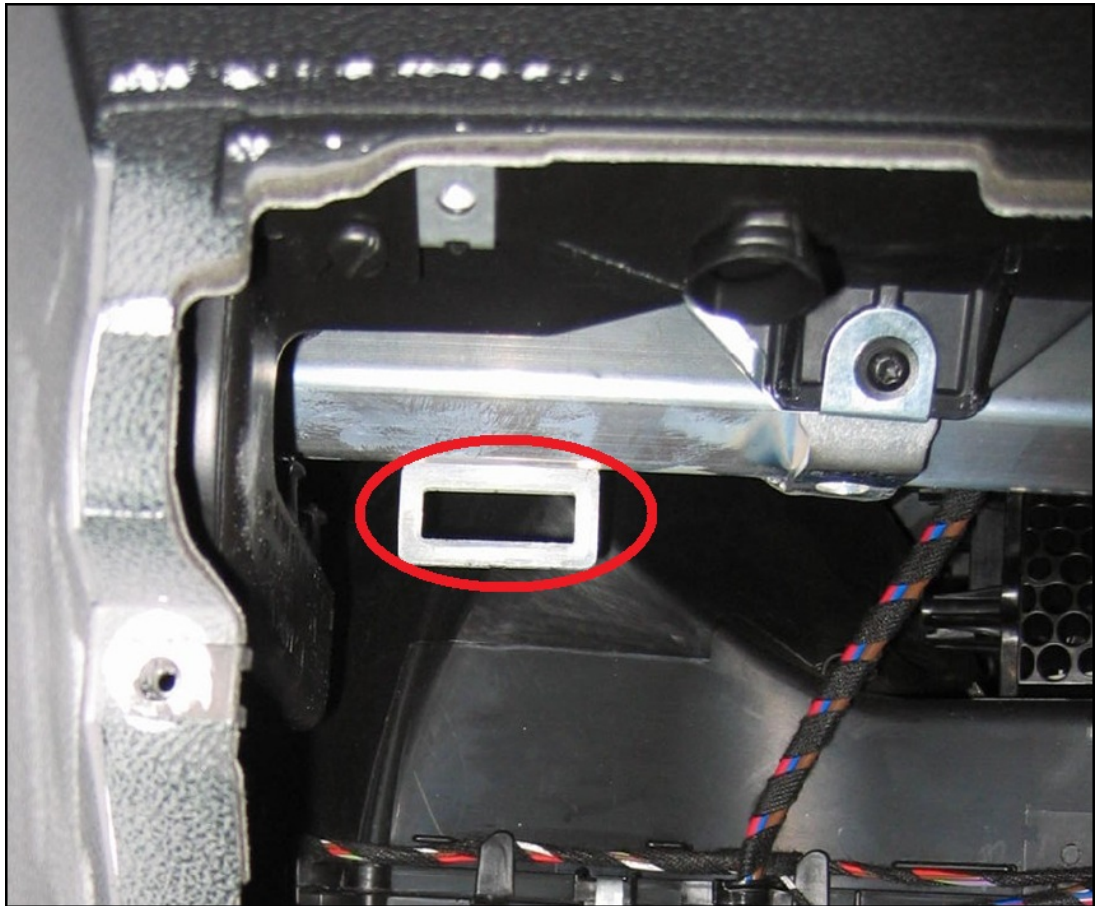
204.277	156.985	722.930
204.282	651.912	722.965
204.284	651.912	711.653
204.284	651.912	722.965
204.289	642.961	722.962
204.292	642.832	722.962
204.302	651.911	711.653
204.302	651.911	716.656
204.302	651.911	722.646
204.302	651.911	722.908
204.303	651.911	711.670
204.303	651.911	722.646
204.303	651.911	722.908
204.331	274.910	711.655
204.331	274.910	722.995
204.347	271.860	722.618
204.347	271.860	722.997
204.348	271.860	711.655
204.348	271.860	722.997
204.349	271.820	711.655
204.349	271.820	716.607
204.349	271.820	722.997
204.357	276.957	722.906
204.377	156.985	722.907
204.377	156.985	722.930
204.388	276.957	722.960

Attachments

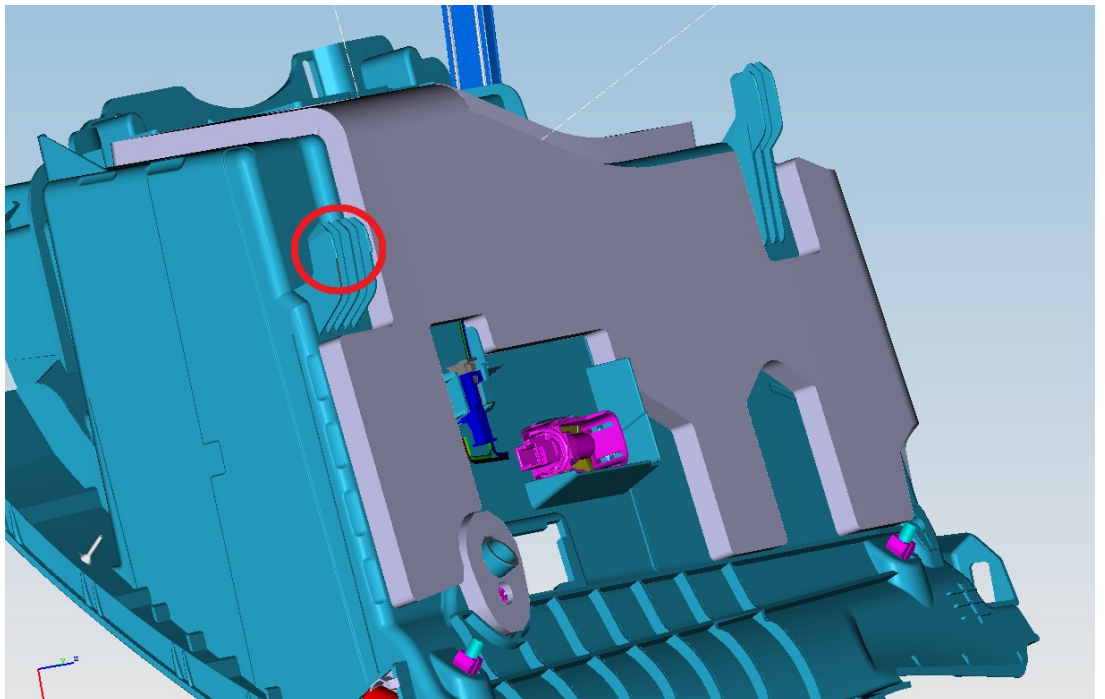
Noise source overview.
jpg:



1.jpg:



1-2.jpg:



2.jpg:



3-1.jpg:



3-2.jpg:



4.jpg:



4-1.jpg:



5.jpg:



6.jpg:

