

Rattling noises in area of 2-stage turbocharger, OM651

Topic number	LI09.40-P-064267
Version	1
Design group	09.40 Turbocharger
Date	06-13-2016
Validity	Engine OM651 in model 166, 205, 222, 253 Engine OM651 in model 204, 207, 212, 218 (with code B03) Engine OM651 in model 172 (with code A09)
Reason for change	
Reason for block	

Complaint:

Rattling noises from the front of the engine on the left, in the area of the turbocharger.

The complaint predominantly occurs for a short time after a cold start.

Attachments	
File	Description
Soundfile .MP3	Example noise

Cause:

Vibrations of the aluminum bypass valve inside the air duct housing.

Remedy:

New air duct housing with plastic valve.

Note: The part number has not been changed.

Symptoms
Power generation / Engine noise / Rattling
Power generation / Engine noise / Clattering

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 651 090 18 07			Turbocharger air duct housing	1	Model series 205 / 253 & model series 172 with code A09	X
A 651 090 17 07			Turbocharger air duct housing	1	Model series 166	X
A 651 090 15 07			Turbocharger air duct housing	1	Model series 212 Hybrid & model series 222	X
A 651 090 14 07			Turbocharger air duct housing	1	Model series 204 / 207 / 212 / 218 with code B03	X

XENTRY TIPS

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			0910D **	When available, use the fault type "36 - Noises".

Validity		
Vehicle	Engine	Transmission
C (204)	651	*
C (205)	651	*
CLS (218)	651	*
E (207)	651	*
E (212)	651	*
GLC (253)	651	*
GLK (204)	651	*
M/GLE (166)	651	*
S (222)	651	*
SLK/SLC 172	651	*