

Engine noises (rattling) after engine start

Topic number	LI05.10-P-058758
Version	2
Design group	05.10 Timing chain drive, toothed belt drive
Date	06-23-2014
Validity	ENGINE 271.8 EVO
Reason for change	Note on guided test inserted
Reason for block	

Complaint:

Noise:

A rattling noise may be heard from the area of the chain drive for approx. 2-5 seconds after engine start.

Cause:

The noise can have various root causes:

Remedy:

Xentry Diagnostics provides a guided test for systematic troubleshooting:

1. Connect XENTRY/DAS
2. Work through the guided test. To do this, call up menu item "Control unit view – Type of drive - ME motor electronics - Tests - Check chain drive and engine oil level."
3. Perform repair according to findings.

Symptoms
Power generation / Engine noise / Chattering
Power generation / Engine noise / Clanking
Power generation / Engine noise / Rattling
Power generation / Engine noise / Clattering
Power generation / Engine noise / Pounding
Power generation / Engine management / Engine management indicator lamp / Engine diagnosis / lit

Validity		
Vehicle	Engine	Transmission
*	271.861	*
*	271.860	*
*	271.820	*

Full model designation breakdown

Vehicle	Engine	Transmission
172.447	271.861	711.653
172.447	271.861	711.654
172.447	271.861	722.997
172.448	271.861	711.655
172.448	271.861	722.997
204.047	271.860	722.618
204.047	271.860	722.997
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	711.655
204.049	271.820	716.607
204.049	271.820	716.612
204.049	271.820	722.696
204.049	271.820	722.997
204.247	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	711.655
204.249	271.820	716.612
204.249	271.820	722.696
204.249	271.820	722.997
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
207.347	271.860	722.618
207.347	271.860	722.997
207.348	271.860	711.655
207.348	271.860	716.607
207.348	271.860	716.612
207.348	271.860	722.696

207.348	271.860	722.997
207.447	271.860	722.618
207.447	271.860	722.997
207.448	271.860	711.655
207.448	271.860	722.696
207.448	271.860	722.997
212.047	271.860	722.618
212.047	271.860	722.997
212.048	271.860	711.655
212.048	271.860	716.612
212.048	271.860	722.696
212.048	271.860	722.997
212.147	271.860	722.618
212.147	271.860	722.997
212.148	271.860	711.655
212.148	271.860	722.696
212.148	271.860	722.997
212.247	271.860	722.618
212.247	271.860	722.997
212.248	271.860	711.655
212.248	271.860	716.612
212.248	271.860	722.696
212.248	271.860	722.997