

Erratic noise from front area of engine

Topic number	LI05.10-P-068624
Version	1
Function group	05.10 Timing chain drive, toothed belt drive
Date	08-06-2018
Validity	Model 190 with M178 Model 205 with M177 Model 213 with M177 Model 463 with M177 Model 253 with M177 Model 217 with M177 Model 222 with M177
Reason for change	Remedy and parts revised
Reason for block	

Complaint:

An erratic, squeaking or ticking noise can be heard from the area of the belt or chain drive of the engine

The noise is most prominent at idle and only when the engine is cold {engine temperature < 80 °C (176°F)}.

Note:

A sound file for comparison is attached

Attachments	
File	Description
177980-60-000114. [Left][Right].mp3	Comparison sound file

Cause:

Tensioning rails of secondary chain drive

Remedy:

Replace tensioning rails of secondary chain drive

Symptoms
Power generation / Engine noise / Noise

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 177 050 43 01			Tensioning rail	1		X
A 177 050 44 01			Tensioning rail	1		X

XENTRY TIPS

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			05123 **	Please quote the document number and the remark "Noise" in the dealer text

WIS-References			
Document number	Title	Note	Allocation
AR05.10-P-8129MNA	Remove/install secondary chain drive tensioning rails	Model 205 with M177	Remedy
AR05.10-P-8129MNE	Remove/install secondary chain drive tensioning rails	Model 213 with M177	Remedy
AR05.10-P-8129MNM	Remove/install secondary drive tensioning rails	Model 217, 222 with M177	Remedy
AR05.10-P-8129MNB	Remove/install secondary drive tensioning rails	Model 190 with M178	Remedy

Validity		
Vehicle	Engine	Transmission
*	178.980	*
*	177.980	*