

2018 Mercedes Benz E63S AMG 4MATIC Sed (213.089) V8-4.0L Turbo (177.980)

Vehicle > Technical Service Bulletins

## ERRATIC NOISE FROM FRONT AREA OF ENGINE



Mercedes-Benz

# - Erratic noise from front area of engine -

<b>Topic number</b>	LI05.10-P-068624
<b>Version</b>	1
<b>Function group</b>	05.10 Timing chain drive, toothed belt drive
<b>Date</b>	08-07-2018
<b>Validity</b>	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
<b>Reason for change</b>	Remedy and parts revised

## 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

<b>File</b>	<b>Designation</b>
177980-60-000114. [Left][Right].mp3	Comparison sound file

## Cause

Tensioning rails of secondary chain drive

## Remedy

Replace tensioning rails of secondary chain drive

## 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
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Symptoms

Symptom  
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

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