

Clunking Noise on 2007-2012 Mazda 2.3 & 2.5L Engines

The AERA Technical Committee offers the following information regarding a clunking noise coming from the engine compartment on 2007-2012 Mazda 2.3 & 2.5L engines. This clunking noise has been reported more so in areas with higher ambient temperatures, such as the in the state of Arizona.

Some vehicles may exhibit a clunk noise from the engine compartment when driving over rough roads or over a speed bump. It has been determined that due to high heat, the lubricant inside the No. 3 engine mount rubber (See A in Figure 1) may become ineffective, causing a stick-slip noise between the casing and the rubber. There is however, no oily seepage from the engine mount.

When replaced, the new engine mount rubber uses a new type of lubricant to eliminate this concern. Customers having this concern should have their vehicle repaired using the following repair parts available from Mazda.

Part Number	Description	Quantity	Notes
EGYO-39-06Y	Number 3 Rubber Mount	1	2.3L (L3 Turbo) Engine
EHYO-39-06Y	Number 3 Rubber Mount	1	2.5L (L5) Engine

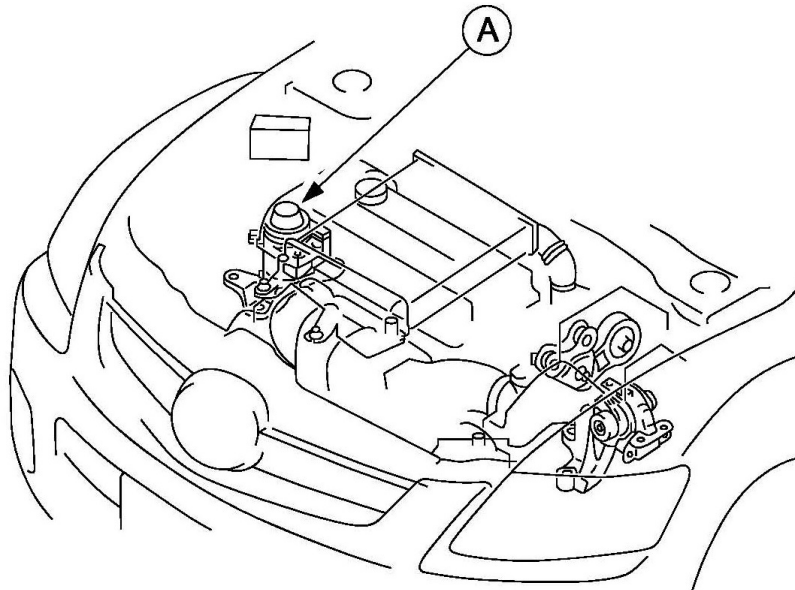


Figure 1. Number 3 Rubber Motor Mount (A)