

253 Hybrid - Vibration Felt From Engine When Reversing

Topic number	LI22.10-P-069925
Version	1
Function group	22.10 Engine mounts, engine brackets
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Validity	253.954
Reason for change	
Reason for block	

Complaint:

In some instances when reversing under load, such as reversing up a hill, there may be harsh vibration felt and/or clattering or droning noises heard from the engine area.

Cause:

Possible improper contact between the engine mount and the engine mount shielding

Remedy:

Torque brake the engine in reverse to verify the customer complaint. If verified, carry out the steps below:

1. Confirm there's no physical damage to the mount, and that there are no visible leaks. If the engine mount is damaged or leaking, please replace the affected mount.
2. If no leaks are present and the mounts are in good condition, proceed below
 - On the left engine mount only: Install shim A 008 990 44 82 between the engine mount shielding and the engine mount. In some cases 2 shims will need to be used.

Note: Some vibration and noise is natural and may not be fully eliminated by this measure.

Symptoms
Power generation / Engine noise / Noise
Power generation / Engine management / Engine running / Runs rough/shakes

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 008 990 44 82			Spacer Disk	2	Use damage code 24A01 36	X