

Diagnostic Sheet

FROM: Maserati TSO

TO: Maserati Network



PERSONAL SERVICE LAB

MASTERS OF CARE

Grecale MHEV Rattle Noise From Turbocharger Area

DATE: JULY 30 2025

This bulletin provides guidance for diagnosing and resolving a knocking noise from the turbocharger area on Grecale MHEV vehicles. If resolved through the outlined procedure, the vehicle can be returned to the customer without extended downtime.

TechDocs Section: 01.30-1 – Supercharging System: Equipment

Model: Grecale MHEV (All MY)

Concern

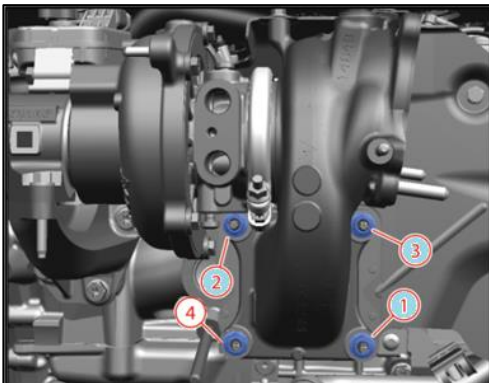
Customer may report a knocking/rattle noise from the turbocharger area. (An example video is included with this bulletin)

Diagnostic Procedure

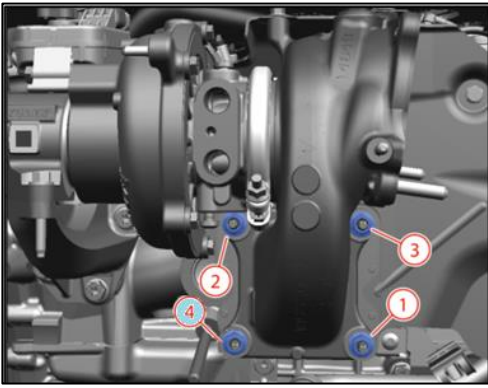
1. Save ECM parameters and DTC reports.
2. Remove the heat shield following TechDocs procedure #01.30.127.
3. Inspect the turbocharger mounting bolts to the cylinder head.

Torque Specifications

- Pre-tighten M8 nuts #1 to #3 to 12 Nm.
- Final tighten M8 nuts #1 to #3 to 25 Nm.



- Reinstall the heat shield and tighten M8 nut #4 to 25 Nm.



Resolution

- If the noise is resolved after tightening, the vehicle can be returned to the customer.
- If the noise persists, continue diagnosis per current Blue on Line policies.

Warranty Claim Instructions

If the noise is resolved, complete the warranty claim as follows:

Description	Code
Defect	31-LOOSE TIGHTENING
Component Code	01.30.126 (Turbocharger)
Operation Code HEAT SHIELD ON TURBOCHARGER	01.30.127 (3.20 h)

Include the following in the warranty request:

- Comment on whether any nuts were found loose.
- Attach evidence of the performed steps as required by Blue on Line or bulletins MAS004777.
- Claims not meeting these requirements will be subject to review and may not be approved.

For further clarification, please contact Technical Service Operations.

Best regards,

TECHNICAL SERVICE OPERATIONS