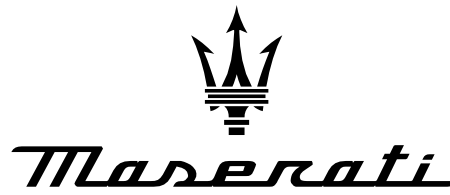


Diagnostic Sheet

FROM: Maserati TSO

TO: Maserati Network



PERSONAL SERVICE LAB

MASTERS OF CARE

Grecale MHEV – Turbocharger Inspection Procedure for Whistling Noise

DATE: March 25, 2026

This bulletin provides guidance to the service network regarding the checks to be performed on the turbocharger when the only symptom reported is a whistling noise during acceleration. This communication originates from several cases where the noise was not caused by the turbocharger itself, but by the gasket located between the turbocharger and the cylinder head.

SECTION: 01.30-1 (Turbocharging System: Equipments).

MODELS: Grecale MHEV (M182), Model Years: ALL.

DESCRIPTION OF THE CONDITION:

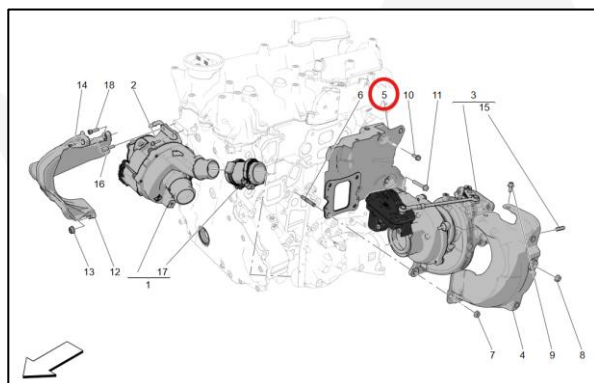
- High-frequency whistling noise during acceleration (refer to the video attached to this communication).
- Possible exhaust gas smell from the engine compartment area (rare occurrence).

INTERVENTION PROCEDURE:

1. If the customer complaint can be reproduced during a short road test, record a data log using the diagnostic tool with the following ECM parameters, with the engine at operating temperature and during a full-throttle acceleration (100% pedal) in 3rd gear:
 - Variabile: #027C - Actual lambda value (upstream catalyst).
 - Variabile: #027E - Nominal lambda value (upstream catalyst).
 - Variabile: #0531 - Echarger HV Act Current – Corrente Eboster.
 - Variabile: #0218 - Accelerator pedal position.
 - Variabile: #0212 - Engine speed.
 - Variabile: #0239 - Measured pressure upstream of throttle valve.
 - Variabile: #023A - Desired pressure upstream of throttle valve.
 - Variabile: #023D – Throttle angle.
 - Variabile: #0261 - Fuel rail pressure setpoint.
 - Variabile: #0262 - Actual fuel rail pressure.

Select a sampling time of 200 ms.

2. Check for any presence of blue/white smoke from the exhaust.
3. Check for any traces of soot at the interface between the turbocharger and the cylinder head.
4. Remove the intake manifold according to procedure #01.40.059 and check whether the turbocharger shaft has excessive play or if the compressor/turbine blades show signs of damage:
 - a. If yes, it's likely that the turbo needs to be replaced; refer to the management of the components included in the Tutorship list.
 - b. If no, proceed with replacement of the heat shield and gasket (component #5 in Section #01.30-1 of the Spare Parts Catalogue).



Warranty Claim Information:

Description	Code
Defect Code	68 – Whistling Noise
Component Code	1.30.128 (Turbocharger Heat Shield on Cylinder Head)
Operation Code	
<ul style="list-style-type: none"> • Vehicle road test • Intake manifold • Turbocharger heat shield on cylinder head 	0.20.001.0 (0.25h) 1.40.059.0 (1.35h) 1.30.128.0 (4.70h)

Any warranty repairs must include evidence of the steps described above, attached either to the relevant Blue-on-Line case (if required by the applicable Blue-on-Line Policies) or to the warranty claim, following the instructions of bulletins MAS004908_A.

We remain at your disposal for any further clarification.

Kind Regards

TECHNICAL SERVICE OPERATIONS