Diagnostic Sheet
FROM: Maserati TSO
TO: Maserati Network

Maserati
PERSONAL SERVICE LAB
MASTERS OF CARE

Grecale –Wheel Hub Clicking Noise

IMPORTANT NOTICE This bulletin supersedes all previous publications on this topic and must be followed to ensure proper diagnosis and repair. A BOL may be required dependent on diagnostic outcome of the steps below.

DATE: April 16, 2026

This Diagnostic Sheet provides updated diagnostic and repair guidance for a potential wheel hub clicking noise condition on M182 Grecale ICE vehicles (all model years). The procedures outlined are intended to assist technicians in accurately identifying and correcting axle shaft and wheel hub related noise concerns that may be present during low-speed operation, reversing, or initial vehicle launch.

MODELS: M182 Grecale ICE ONLY(All MY). **Not applicable to BEV versions.**

CONCERN: A clicking noise may be heard from the front or rear wheel hubs during low-speed maneuvers or driving with the wheels straight. **Refer to the included videos for noise examples.**

Overview

There are two scenarios based on engine type and driving conditions:

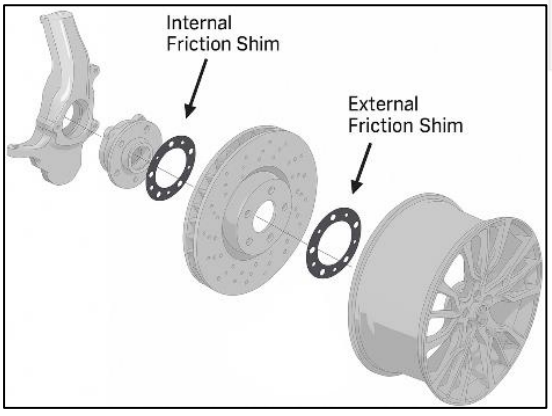
1. MHEV and V6 Engines – Clicking Noise in Reverse or When Starting Off From a Stop (BOL Required)
2. V6 Engine – Cyclic Clicking Noise While Steering at Low Speed (< 5 km/h) (BOL only required if noise persists after performing Repair Instructions (2))

Repair Instructions (1) MHEV and V6 Engines – Clicking Noise in Reverse or When Starting Off From a Stop

1. Road test to duplicate the noise and record a video at the source of the noise.
2. Open a Blue On Line case as a "Support Request." (Mandatory) and include video along with detailed description of the concern.

Repair Instructions (2) V6 Engine – Cyclical Clicking Noise While Steering at Low Speed (< 5 km/h)

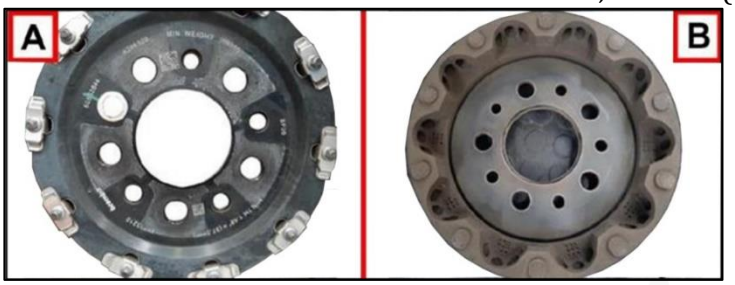
1. Road test to duplicate the noise and record a video at the source of the noise.
2. Order Friction Ring Kit: P/N 670358434



Perform this repair ONLY if this symptom can be duplicated. DO NOT perform this repair for any other symptom.

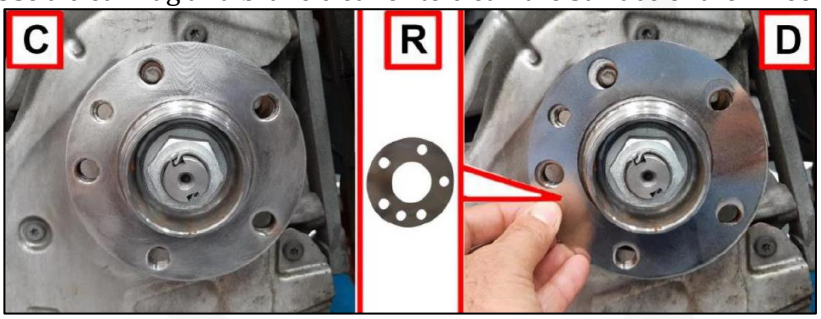
STEPS 1-5 Installing the Internal Friction Shim
STEPS 6-7 Installing the External Friction Shim

3. Follow the workshop manual procedure #04.10.00X to remove the brake disc and thoroughly clean the contact surfaces of the brake disc on both sides, external (A) and internal (B).



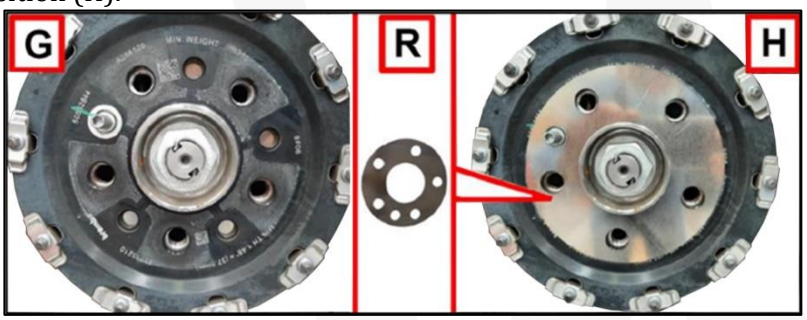
NB: image used for example purposes only; the brake disc may differ from the one present in the vehicle.

4. Use a clean rag and brake cleaner to clean the surface of the wheel hub (C). Install the Shim (R) to the Hub (D).



5. Reassemble the brake disc to the wheel hub.

6. Install the Shim (R) to the external surface of the brake disc (G). Make sure the shim remains centered in position (H).



NB: image used for example purposes only; the brake disc may differ from the one present in the vehicle.

7. Reassemble the wheel and torque the lug nuts to spec (120Nm). Perform a road test to confirm noise is no longer present.

If the Noise Persists

- Open a Blue On Line case as a "Support Request." (Mandatory)
- Include video evidence and details of all diagnostic and repair steps performed.

Warranty Claim Information– Repair Instructions (2) Only:

Description	Code
Defect Code	67 – Noise, knocking, impact
Component Code	3.22.00X (Complete Front Driveshaft RH / LH)
Operation Code • Front Brake Disc RH • Front Brake Disc LH	 4.10.001.0 (0.30h) 4.10.002.0 (0.30h)

Any warranty repairs must include evidence of the steps listed above, attaching them to the relevant Blue on Line case (if required per current Blue on Line Policies) or to the warranty claim, following guidelines per TDA-01. Thank you for your cooperation.

TECHNICAL SERVICE OPERATIONS