

**Technical Bulletin**

FROM: Maserati TSO

TO: Maserati Network



PERSONAL SERVICE LAB

MASTERS OF CARE

# Grecale MHEV – Updated Transmission Removal Procedure for Fuel System Repairs

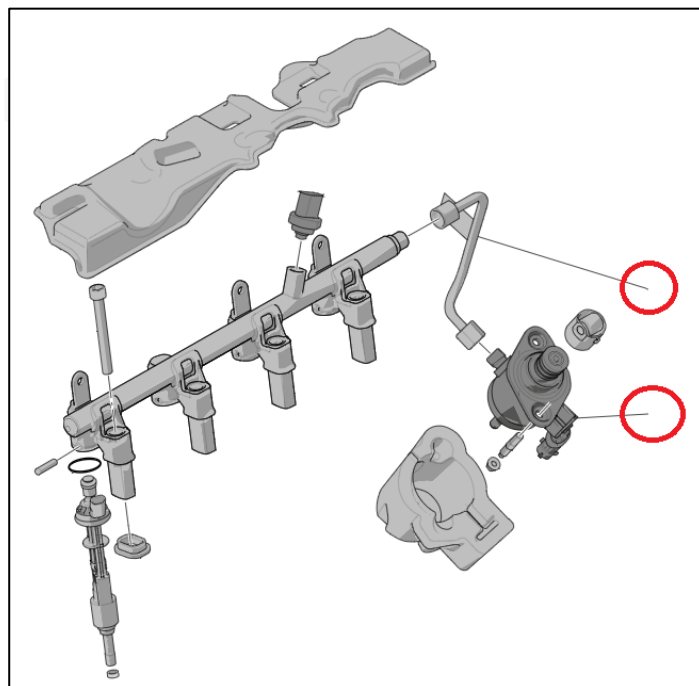
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For **Grecale Hybrid (MHEV)** vehicles, repairs involving the **high-pressure fuel pump area** or the **associated high-pressure fuel lines** previously required removal of the complete powertrain assembly.

After a technical review, Maserati has identified a more efficient service method. For the procedures listed in this bulletin, technicians should remove the **transmission assembly (gearbox)** instead of removing the engine assembly. This method provides better access to the repair area while reducing labor time, vehicle downtime, and overall repair lead time.

## Affected Models

M182 Grecale Hybrid (MHEV) ALL MY.



## Affected Workshop Procedures

The following Workshop Manual procedures are affected by this updated service method and should be performed using the transmission-removal approach where applicable:

- **#01.43.077** – High-pressure fuel pipe (pump-to-rail)
- **#01.43.125** – High-pressure fuel pump
- **#01.43.142** – Complete injector
- **#01.43.139** – Injector pipe – cylinder bank
- **#01.43.182** – Injector seal kit
- **#00.20.023** – Engine timing check
- **#01.27.003** – MultiAir module
- **#01.18.001** – Camshaft
- **#01.27.001** – Hydraulic tappet rocker arms
- **#01.27.002** – Valve control tappets – cylinder bank
- **#01.19.001** – Cylinder head cover
- **#01.24.106** – Timing belt movable tensioner shoe
- **#01.24.105** – Timing belt idler pulley
- **#01.24.107** – Fixed timing chain tensioner shoe
- **#00.20.012** – Timing system
- **#01.24.001** – Front timing cover
- **#01.24.104** – Timing chain
- **#01.24.103** – Driven toothed pulley
- **#01.61.075** – Oil pump drive chain tensioner shoe
- **#01.10.042** – Right-hand balance shaft
- **#01.24.102** – Driving toothed pulley
- **#01.61.046** – Oil pump chain
- **#01.61.074** – Fixed oil pump chain tensioner shoe
- **#01.61.045** – Oil pump drive gear
- **#01.61.030** – Complete engine oil pump
- **#01.10.043** – Left-hand balance shaft

## Special Tools Requirements

- **Special Insert P/N 900100172** is required for these procedures.
- Refer to **MAS005190** for additional information regarding this tool.
- Use the insert together with a **standard torque wrench**.
- For proper torque settings, use the **calculation tool attached to this communication**.
- Follow the instructions in the applicable **Workshop Manual procedure** for correct tool installation and usage.

**We remain available for any further clarification.  
Kind regards.**

**TECHNICAL SERVICE OPERATIONS**