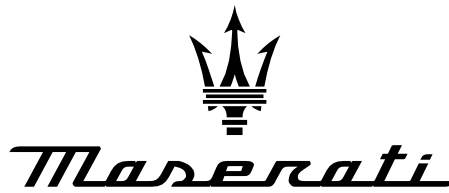


Technical Information

FROM: Maserati TSO

TO: Maserati Network



PERSONAL SERVICE LAB

MASTERS OF CARE

Engine Oil Leak Diagnostic Path

ATTENTION! This bulletin supersedes [MAS004438 MTB 25-03](#) released on Jan 28, 2025. This bulletin has been updated with new diagnostic info. Please discard/remove all copies of the previous bulletin.

DATE: May 16, 2025

This Technical bulletin serves as a diagnostic guide for managing oil leaks and instructing related repairs. **This Bulletin requires a BOL to be opened as "Support Request".**

MODELS: All Maserati Models.

- 1) Take a picture of the leaking area and include a post-it note that includes the VIN and Date., to identify the area involved (obvious drops, seepage, wetting). It is also important to report in which conditions the leak was highlighted (customer complaint, check during normal service operations, etc.)
 - 2) Properly clean the affected surfaces with fast evaporating degreasing products (Brake cleaner). After drying apply trace powder, talcum powder, or talcum spray on the affected surfaces.
 - 3) Start the engine and allow it to fully warm up . Perform a 5 to 10 min road test to replicate the conditions of the leak.
 - 4) Take new CLEAR CLEAN VISIBLE pictures of the of the area with a post -it note with time, date and VIN.
 - 5) **Open A BOL BEFORE proceeding and attach/document the above finding.**
 - 6) **IF approved by BOL**, proceed to dismantle the seal involved keeping track of the residual torques of the related fastenings involved. It is necessary to keep track of the residual torques of the suspect fastenings by applying the following procedure:
 - Objectify with a marker the angular position of the fastening (nut/bolt/screw) to its reference surface.
 - Use a torque wrench and measure the breakaway torques when loosening the fasters. Be sure to document BOL.
 - Tighten again, returning the fastening to the previously determined angular position and noting the necessary torque.
 - Take note of the two values previously detected for each fastening.
 - 7) Take detailed pictures of the mating surfaces checking their integrity (scratches/porosity).
 - 8) Take detailed pictures of the gasket (if applicable) to highlight the homogeneity of the imprint on it.
 - 9) Proceed with the replacement of the leaking seal, taking care to respect the tightening torques indicated in the workshop manual.
- NOTE:** Only for Ferrari V6 (F160) and V8 (F154) engines, in case of a leak from the turbo oil return pipe and tightening residual torques in the specification (6-7 Nm), replace the pipe as well as the gaskets.
- 10) Repeat step 3 to verify that the leak is resolved.
 - 11) Repeat step 4 to certify the repair effectiveness.
 - 12) Any warranty repair related to engine oil leaks must show evidence of the diagnostic steps above reported, attaching them to the relevant Blue online. Any warranty claims that do not meet the required requirements cannot be approved and will be subject to assessment.