

**Diagnostic Sheet**

FROM: Maserati TSO

TO: Maserati Network



MASTERS OF CARE

# Ghibli – Levante: Rear Silencer Rattling Noise

**DATE:** 10/20/2022

**Models:** Levante (M161), Ghibli (M15X) produced since 01/2020 (as Production Date).  
V6 – V8 Gasoline Engine.

**Complaint:** Rattling Noise from Exhaust Silencer

**Diagnosis:**

**1) Describe the Customer Concern and the conditions which is present:**

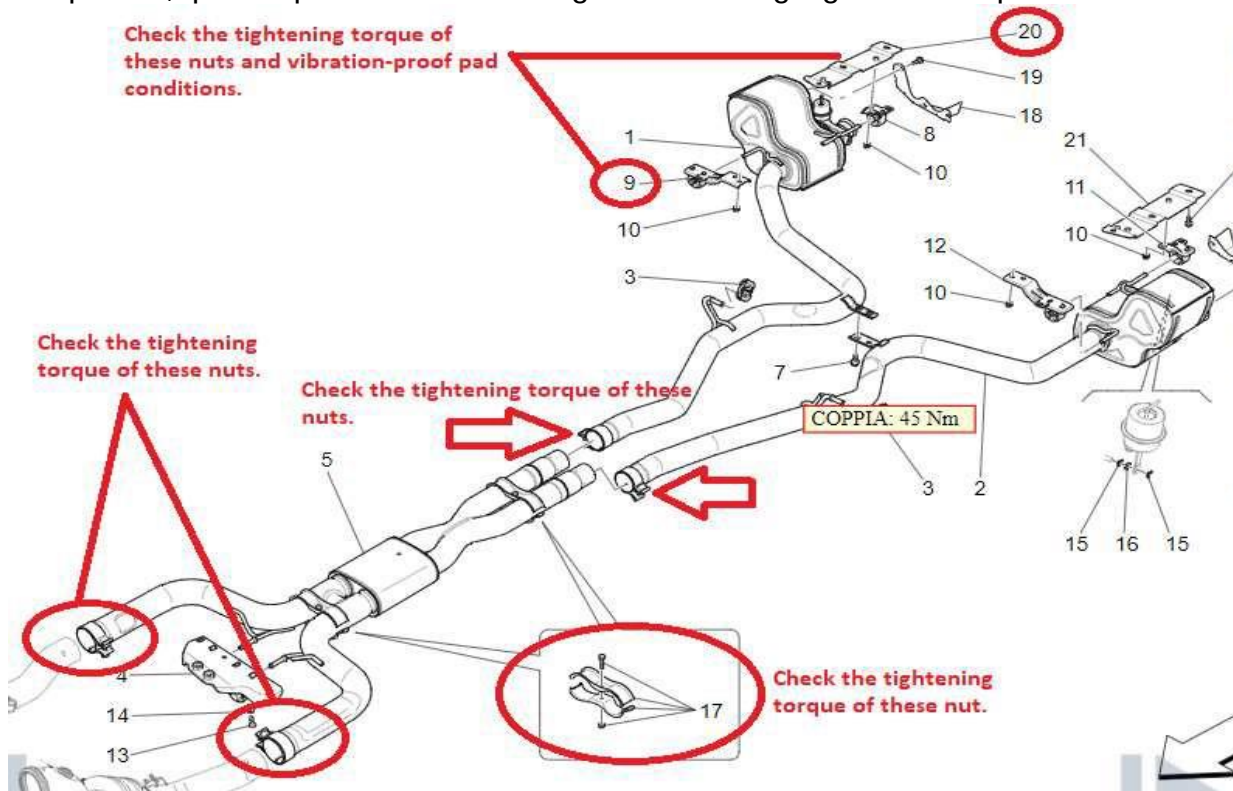
1a) COLD or WARM Engine? \_\_\_\_\_

1b) NORMAL or SPORT Mode? \_\_\_\_\_

1c) IDLE engine or while ACCELERATING? \_\_\_\_\_

**2) If the concern is repeatable, capture a video of the Customer's Concern before performing any action on the vehicle. (Be sure to save for BOL submission later)**

**3) Diagnostic Checks:** After confirming the concern and before removing any component, please perform the following checks as highlighted in the picture below.



- 4) Document any loose points from the above checks. Take pictures and or videos. (Be sure to save for BOL submission later).
- 5) After performing the above checks and retorquing any loose points that were found. Road test the vehicle and verify noise is no longer present.
- 6) If the noise is still present after performing Diagnostic Checks Step 3, Remove the Rear Silencer and pinpoint the source of the noise area.
  - Check if there is a poor closure of the by-pass valve flap in Normal Mode that could cause vibrations/rattling noise (sample pics. of a poor flap closure, here below):



- 7) Please provide ID references stamped on the suspected noisy Silencer and on the bypass valve as illustrated in the picture below.



**SUPPLIER PROD. DATE** ← 17/07/2020



- 8) Open a BOL as "SUPPORT REQUEST" attach, and report all the information collected throughout all the above checks.

NOTE: Warranty Claims sent without following instructions of this Diagnostic Sheet, could be subject to warranty review.