

## B7.08 EXHAUST MANIFOLD



| Tightening torques | Nm | Category | Product                    |
|--------------------|----|----------|----------------------------|
| Manifold clamp nut | 25 | B        |                            |
| Lambda sensor      | 50 | B        | Antifriction copper grease |
| Thermocouple       | 10 | B        | Antifriction copper grease |

- Remove the extractor and the rear bumper (👉 [M 2.04](#)).
- Remove the rear section of the underfloor (👉 [M 2.12](#)).
- Remove the silencer and the exhaust tailpipe (👉 [B 7.07](#)).
- Remove cosmetic shields of the engine compartment (👉 [M 2.13](#)).
- Remove the catalytic converter (👉 [B 7.06](#)).



### CAUTION

To limit the emission of pollutants into the atmosphere, it is essential that the catalytic converters, the oxygen sensors, the thermocouples and the respective control circuits are in perfect condition. Consult the "PROGRAMMED MAINTENANCE PLAN" to determine the repair work, checks and inspections to be performed.

### Removal

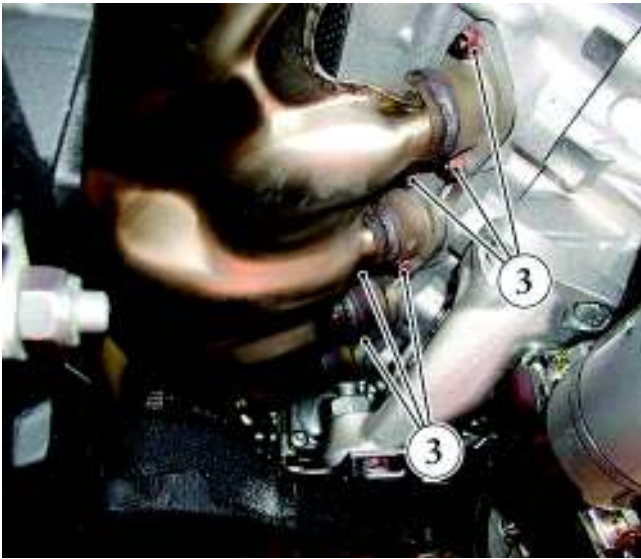
- Unscrew the Lambda sensor **(1)** and remove it from the manifold.



- Unscrew the thermocouple (2) and remove it from the manifold.



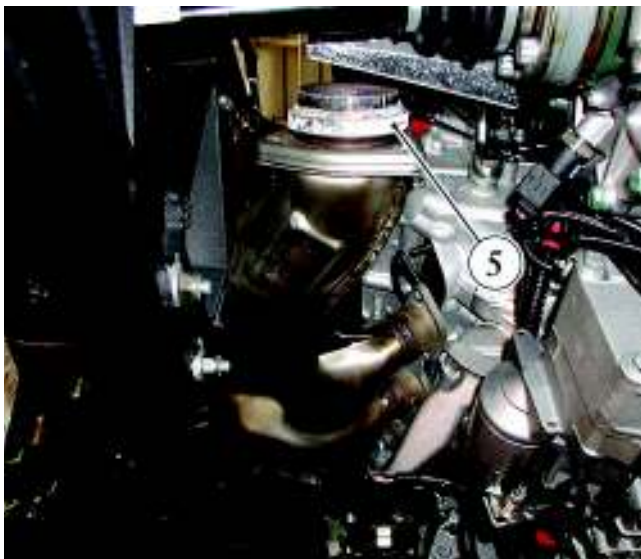
- Unscrew the exhaust manifold fastening nuts (3).



- In order to unscrew the nuts **(3)** which are difficult to access, use a socket wrench with a shaped fitting extension, as shown in the figure (**FACOM Ø 12 R12F C + R217**). It is also necessary to flatten the wrench bush, reducing it to the dimensions given in the figure.



- Remove the exhaust manifold with gasket **(5)**.



- Remove the metal gasket **(6)** sealing the exhaust manifold to the crankcase.



#### Re-assembly notes

- Tighten the nuts **(3)** to the specified torque.
- Apply antifriction copper grease on the thread of the Lambda sensor **(1)** and the thermocouple **(2)** and lock them to the specified torque.
- Refit the parts removed for the procedure.