

LPG AND CNG INJECTORS TYPE 34

LPG and CNG injectors that combine a set of characteristics derived from years experience in the sector, including: PRACTICALITY, STRENGTH, RELIABILITY and MINIMUM OVERALL DIMENSIONS.

INSTALLATION INSTRUCTIONS

1. Fix the injectors rail, away from intense heat surces, in the engine compartment (otherwise a shielding must be projected).
2. Fix the rail on sufficiently robust parts so that the fixing doesn't damage the injectors features.
3. Do not use any part of the rail to help the operation of screwing /assembly.
4. Check that there are no gas leaks from the threaded fittings.
5. If input and output of the rail, are reversed, it is important to clean any burrs and dust from the brass rail.
6. **IMPORTANT : Screw the calibrated nozzle (1) by hand or with a max torque of 2 Nm.**

MAINTENANCE INSTRUCTIONS

1. Close the LPG tap to the injectors rail.
2. Unscrew the calibrated nozzle (1) with the wrench hex.11.
3. Unscrew the brass nut (2) with the wrench hex. 19.
4. Extract the injector (4) from his seat on the rail (3).
5. Unscrew the shutter (5) with the wrench hex.13 from the injector (4).
6. Clean with a clean rag the following component: the shutter (5), the mobile plunger (6) and the internal part of the injector (8) eliminate any residuals on the shutter threads (5) and on the internal injector threads (8), with a small flat-blade screwdriver or with compressed air.
7. Insert in the injector (8) the components in the following order: spring (7), mobile plunger (6).
8. **Screw with the appropriate torque (10 Nm $\pm 7\%$) and with the appropriate wrench (hex.13) the shutter (5) on the injector part (8).**
9. Always take care to properly position the gasket seals to avoid gas leaks.

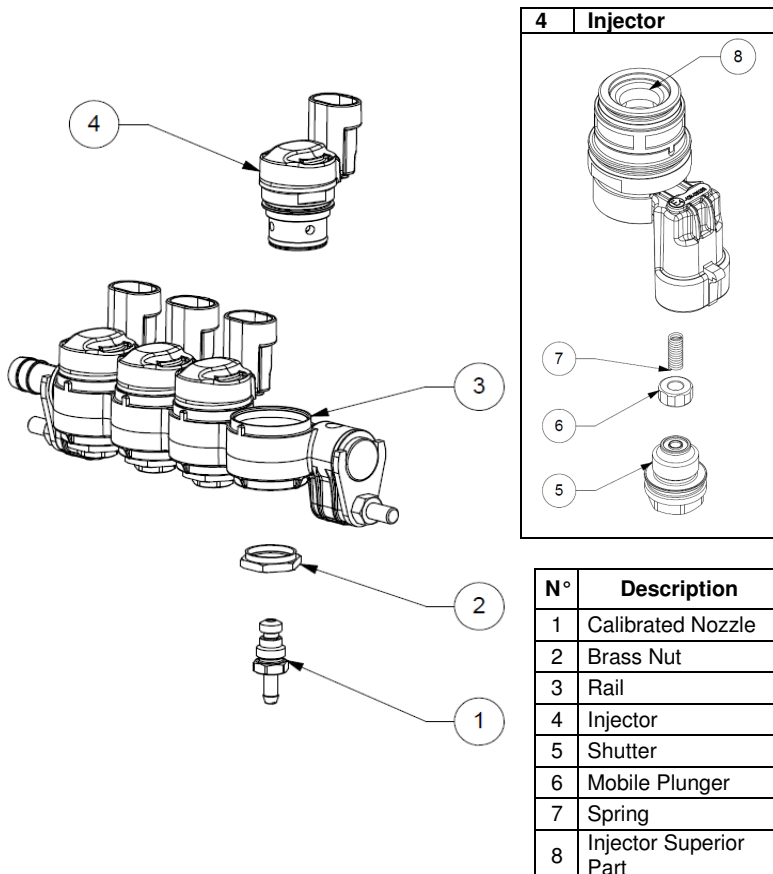
IMPORTANT! Don't use solvents, containing ketones, or water to clean the various parts, use a clean rag.

During assembly RESPECT THE RECOMMENDED TIGHTENING TORQUES.

To ensure that our product provides lasting service, it is essential that the installer respects the installation and maintenance procedures outlined on this information sheet.

Non-compliance with these installation and maintenance instructions may cause functional defects or damage to the product for which VALTEK will not undertake any responsibility.

EXPLODED VIEW



TORQUE TABLE

For correct injector assembly, it is COMPULSORY to respect the tightening torques for the screws.

Shutter (5) : hex.13 - 10 Nm $\pm 7\%$

Brass Nut (2) : hex.19 - max. 6 Nm

Calibrated Nozzle (1) : hex.11 – max. 2 Nm

STORAGE AND GENERAL INSTRUCTIONS

- Handle the rail with care and attention.
- Use clean equipments for assembly / disassembly.
- Store in a sealed box, in a clean and not wet environment, away from intense heat surces.
- Avoid small bumps, that can involve permanent damages.