



Maintenance manual of the LPG – CNG 3, 4 cyl. Sequential injectors unit

The jobs described herein must be carried out with the injectors unit not installed on the vehicle.

For any further information possibly needed with regard to the procedure given herein, please call 051 6322429 or write to info@tartariniauto.it

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Starting to disassemble the injectors unit



Injectors unit.

fig.1



Unscrew the four gauged gas outlet fittings.

fig.2



Take the four fittings out.

fig.3



Unscrew the four screws that secure the cover of the injectors unit.

fig.4



Take the screws out.

fig.5



Lift the cover of the injectors unit.

fig.6



Take the four o-rings out of the cover.

fig.7



Unscrew the two screws that secure the plate of the injectors unit.

fig.8



Take the two screws out.

fig.9



Take the plate of the injectors unit off.

fig.10



Unscrew the gas outlet fitting for the pressure meter, complete with temperature sensor.

fig.11



Take the pressure meter fitting out.

fig.12



Unscrew the gas inlet fitting.

fig.13



Take the fitting out.

fig.14



The casing of the injectors unit is ready to be cleaned.

fig.15

End of injectors unit disassembly procedure

Starting to re-assemble the injectors unit



Use the **new** spares kit for the injectors unit.

fig.16



fig.17

! WARNING!:
Do not tip the injectors plate
upside down.

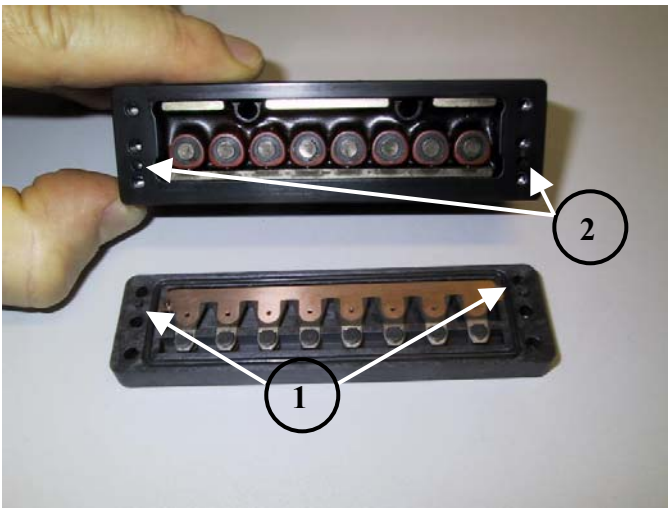


fig.18

Insert the casing of the injectors
unit on the plate, ensuring the two
reference pins of the plate, fig. 1,
match-up with the two holes of
the casing, fig.2.



fig.19

Here's an illustration of how
the casing is installed
correctly on the plate.
After coupling, tip the
injectors unit over, holding
the plate up against the casing
of the injectors unit.

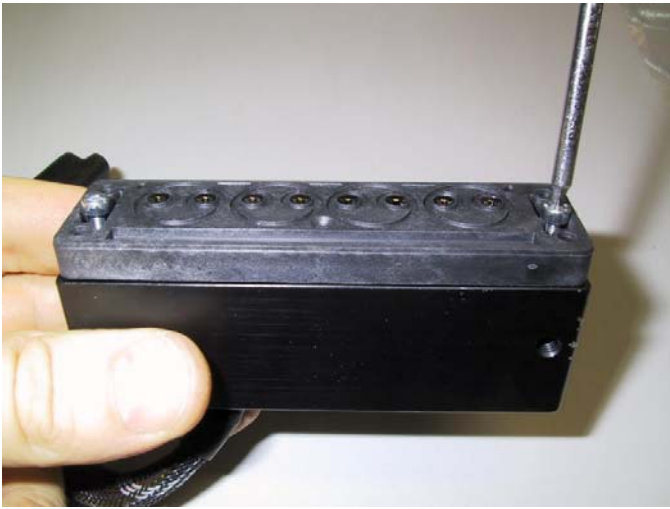


fig.20

Tighten the two **new** screws that secure the plate.



fig.21

Insert the four **new** o-rings in the seats.

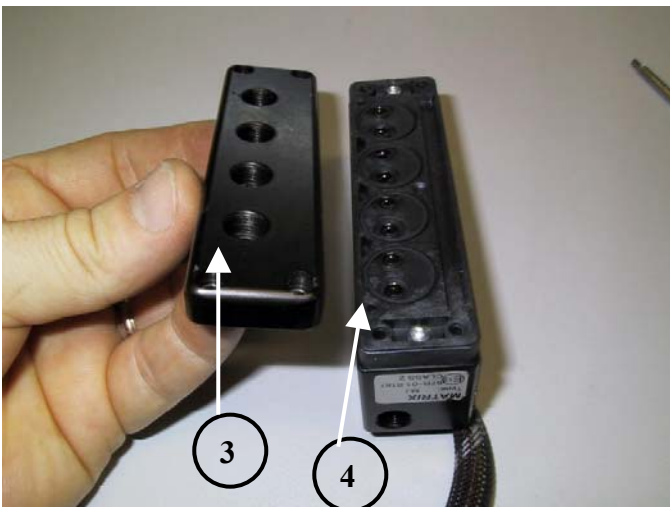


fig.22

Install the cover.



WARNING!:

The ducts are not drilled in the centre, therefore check if the holes of the cover fig.3 and the injectors fig.4 are both on the same side.



Tighten the four securing screws.

fig.23



When the cover is installed correctly you should be able to see the two holes of the injectors inside each opening.

fig.24



Replace all the o-rings of the gauged gas outlet fittings with **new ones.**

fig.25



Screw the gauged fittings on the injectors unit.

fig.26



Replace the o-ring of the gas inlet fitting with a **new one**.

fig.27



Screw on and tighten the gas inlet fitting.

fig.28



fig.29

Replace the o-ring of the fitting for the pressure meter with a **new one.**



fig.30

Screw on the fitting for the pressure meter.



fig.31

The injectors unit is ready to be installed on the vehicle.

End of injectors unit re-assembly procedure

Once the vehicle is switched to GAS, carefully check for possible GAS leaks or abnormal vehicle running conditions.

If you have encountered any difficulties when re-assembling the injectors unit please advise the technical assistance service of Tartarini Auto S.p.A. immediately.

Times taken:

Disassembly/re-assembly from/on vehicle:	20 min.
Maintenance from fig.1 to fig.15:	15 min.
Maintenance from fig.16 to fig.31:	15 min.