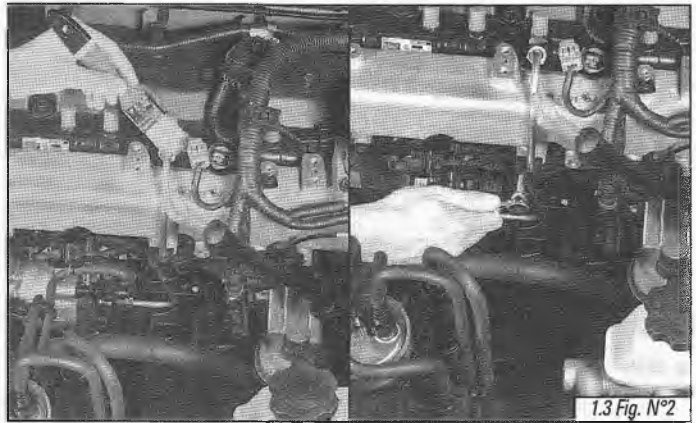
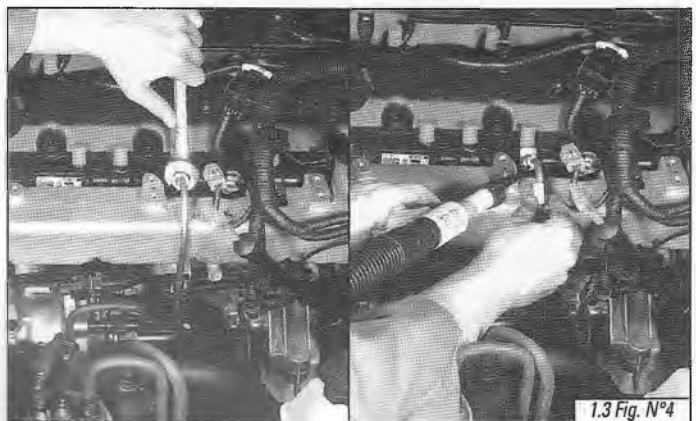


5.3 REMOVING A RAIL / PUMP PIPE

- Remove all components which may hinder access (the cover, the air / air exchanger).
- Immediately plug the air heaters and the hose which is connected to the exchanger using the recommended plugs.
- Disconnect the HP sensor.
- Remove the engine protective cover.
- Clean the HP union on the rail side using a solvent (type *CARCLEAN*) applied using a clean brush. (1.3 Fig. N°1)
- Remove any particles using a pneumatic vacuum (eg. *YDT205*).
- Carry out the same operation on the pump side.
- Remove the rail / pump HP pipe clip on the inlet manifold. (1.3 Fig. N°2)



- Slacken the nut screwed on the rail using a 19 mm open spanner. (1.3 Fig. N°3)
- Slacken the nut screwed on the pump using a 19 mm open spanner.
- Move the nut along the pipe while keeping the olive in contact with the rail HP inlet cone and remove any particles from where the olive touches the cone using the pneumatic vacuum. (1.3 Fig. N°4)
- Carry out the same operation on the pump side.



- Remove the rail / pump HP pipe.
- Remove any particles on the inside of the rail HP inlet cone using the pneumatic vacuum.
- Carry out the same operation on the pump side.
- Immediately block the rail HP inlet and the pump HP outlet using the recommended plugs.



II REMOVAL / REFIT



5.4 REFITTING A RAIL / PUMP PIPE

- Take the new pipe out of its package just before it is fitted.

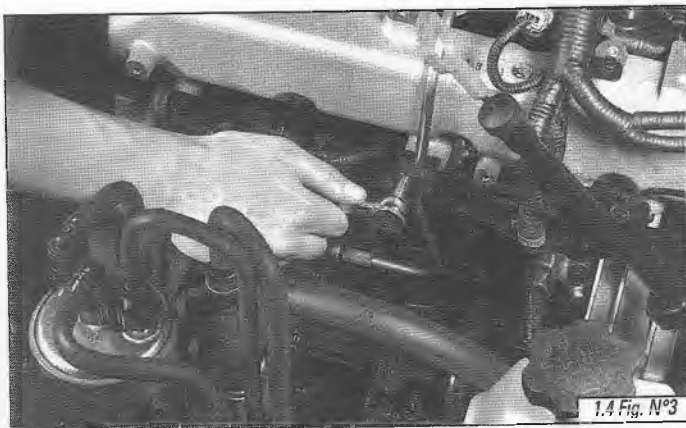
Important! A used pipe may not be refitted.

- Remove the plugs from each end of the pipe.
- Lubricate the threads on the nuts using the lubricant provided in the kit.
- Remove the rail HP inlet protective plug and the pump HP outlet protective plug.

Important! The plugs must be discarded after use.



- Fit the pipe olive in the cone on the rail HP inlet and hand tighten the nut.
- Fit the pipe olive in the cone on the pump HP outlet and hand tighten the nut.
- Tighten the nut on the rail side to **40 Nm**.
- Tighten the nut on the pump side to **40 Nm**.



- Refit the pump / rail HP pipe clip.
- Refit the engine protective cover.
- Reconnect the HP sensor.
- Remove the plugs in the air heaters and the hose connected to the exchanger inlet.

Important! The plugs must be discarded after use.

- Refit all the components removed to facilitate access.

Important! To validate the repair, start the engine and check the sealing of the HP unions by using the leak detection test on the diagnostic tool. When carrying out this test, do not refit the engine protective cover and observe the safety regulations.