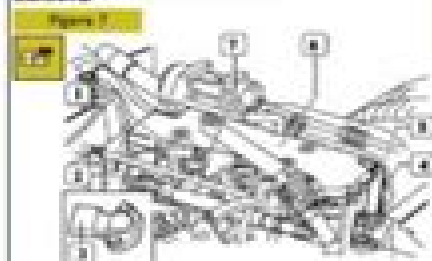


Iveco EuroCargo 2002-2008 Workshop Manual

INJECTOR REPLACEMENT Removal



Set the vehicle in safe and secure conditions.

Disconnect the battery cables. All the injector pins, on the left and proceed as follows:

- ❑ Disconnect all upper pipes (1) and (2) from the upper carrier (3) and remove it.
- ❑ Remove engine wiring clamps (1).
- ❑ Disconnect engine wiring (1) from injector connection, temperature sensor and temperature/pressure sensor (2).
- ❑ Disconnect pipes (7) from the rail (2) and from injector fuel manifolds.



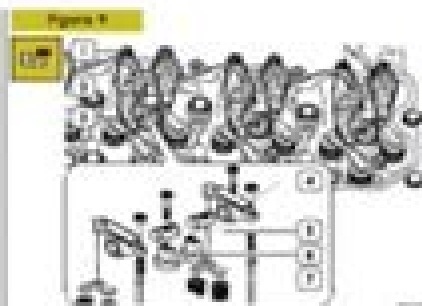
Remove the rail (7) and disconnect it from the injector (2).

Remove the upper (1) injector wiring support (2) mounting.

Remove the rail (7) and disconnect the air temperature sensor (2).

Remove the rail (7) and disconnect the fuel manifolds (4).

NOTE: Overheated fuel manifolds (4) must not be used again, but however replaced with other new ones.

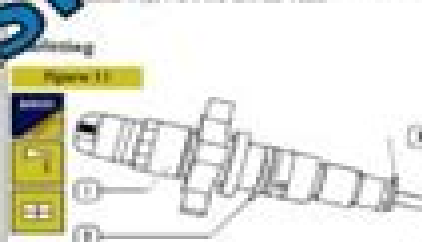


Loosen upper adjustment/fueling rails (1) and unhook the adjuster.

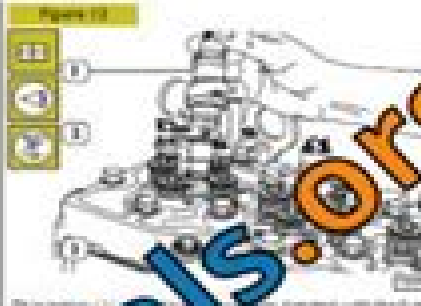
Remove the carrier (2), remove the injector assembly (2), consisting of bracket (4), rod (4), shaft (2) and remove jumper (1) from cable.



Remove the injector assembly (2) and disconnect the fuel manifolds (4) from the injector head.



Fit a new sealing ring (2) lubricated with vaseline and a new sealing washer (3) on the injector (1).



Disconnect the injector assembly (2) from the fuel rail (2) and disconnect the fuel rail (2).

Remove the injector assembly (2) without tightening them.

Remove the injector assembly (2) as for the injection.



Fit a new sealing ring (2) lubricated with vaseline on the fuel manifold (2) and insert from the injector head (2) to make the position rail (2) connecting with the relevant housing (4).

NOTE: Overheated fuel manifolds (2) must not be used again, but however replaced with other new ones.

Insert the fueling rails without testing them.

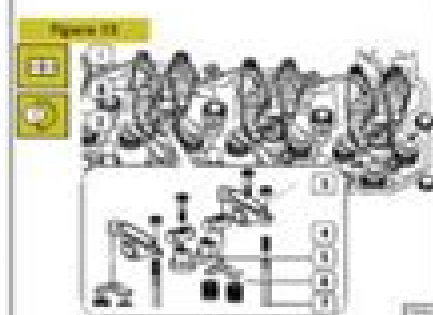
During this operation, check that manifold (2) Figure (2) is properly fixed into injector (1) fuel rail (2) Figure (13).



Use a dynamometer, connect to tighten gradually and alternately the injector/fueling screws (1) to 11.4 ± 0.05 Nm torque.

Tighten fuel manifold (2) fueling rails (2) to 10 Nm torque.

Remove the injector assembly (2) as for the injection.



Before refitting the injector assembly (2), check that upper adjuster (1) are correct to prevent their taking on upper rail (7). Tight jumper (4) on cable.

NOTE: Longer marks (4) shall be directed towards the injector manifold side.

Refit the injector assembly (2), consisting of bracket (4), rod (4), shaft (2) and secure them to the injector head to tightening the fueling screws (2) to 11.4 Nm torque.

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