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Modular LD

cod. 06LB00003201

Field of application

The present electronic device finds application on vehicles with electronic multipoint injection that are installed with the SEQUENT system, which injectors are controlled by the petrol injection ECU by means of more than one independent channels (sequential).

It allows to emulate the petrol injectors with an opportune inductive-resistive type load, in order to eliminate fastidious hitches as for example the ignition of the engine-check light. The inductive-resistive load assured by the Modular LD it is added at the normal resistive emulation already realized by the FLY SF ECU, in the cases in which the same is not sufficient to reproduce the load conditions required by the petrol injection ECU.

Each Modular LD can emulate 2 injectors; in case of car with 3, 4, 5, 6, 8 cylinders it is sufficient to connect more elements in series (see pic. 2) always respecting scrupulously the connection of the Red wire.

Installation

The Modular LD package contains a harness constituted by a sheath with two violet wires, with a two ways connector that must be inserted in the corresponding male connector of the Modular.

Operate on the sheath of the 10 poles connector of injectors connection, upstream of the same connector, proceeding as it follows: open the sheath, strip the 4 Violet wires present inside and weld a Violet wire of the Modular LD on each of them (Picture 1).

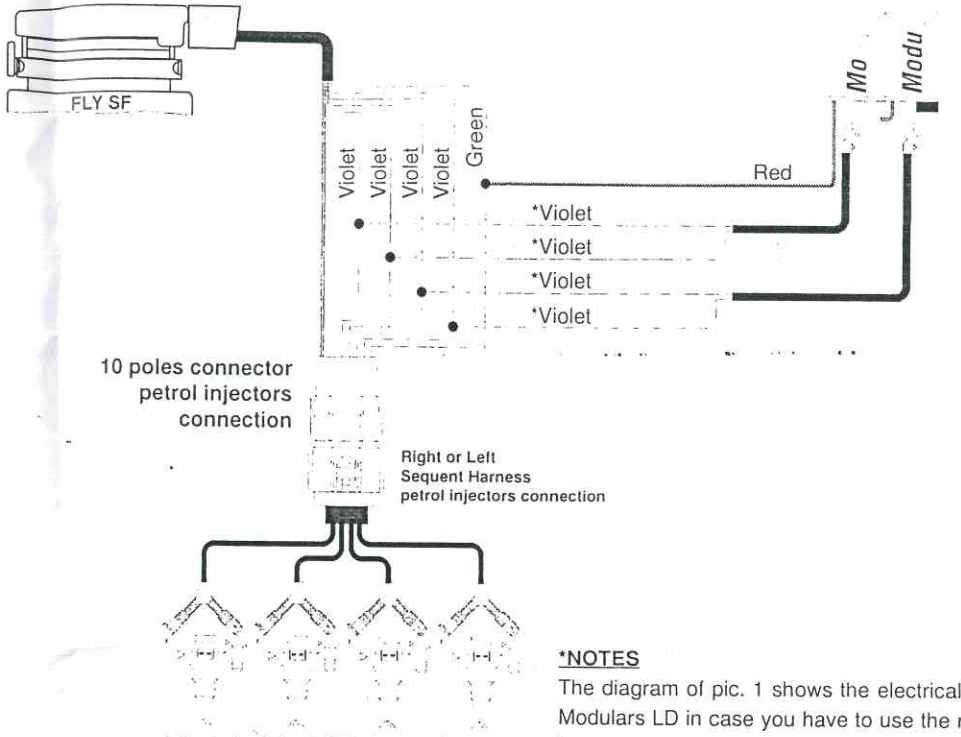
In order to feed the first element of the series, it is necessary to shunt a wire with a male faston (not present inside the Modular LD package), by connecting an end of it to the female faston of the Red wire of the first element and the other end at the Green coloured wire inserted inside the sheath of the 10 poles connector of injectors connection, as indicated in the diagram of picture 2.

In case it is used the Universal Sequent harness of petrol injectors connection code 06LB500010101 it is sufficient to connect the Violet wires of the abovesaid harness, by operating on the sheath only for the connection of the Red wire of the Modular LD.

Once the connections are made, insulate duly the weldings and re-close the sheath.

The package contains furthermore the plastic guard cap that must to be inserted on the male faston of the last element (pic. 2).

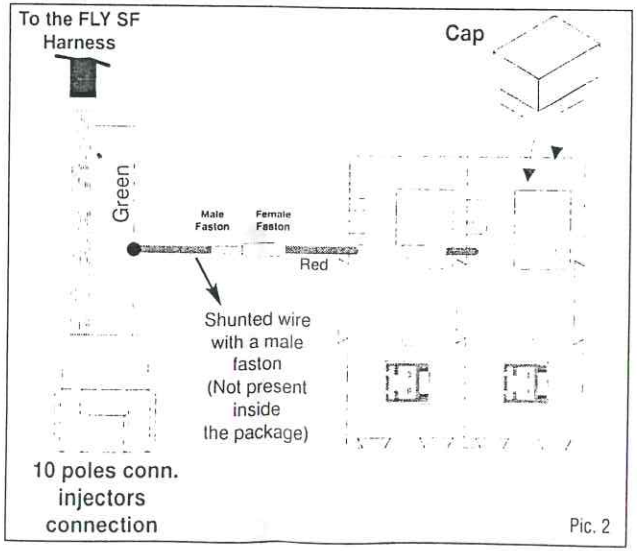
CONNECTION DIAGRAM



Pic. 1

***NOTES**

The diagram of pic. 1 shows the electrical connections of the Modulars LD in case you have to use the right or left Sequent harnesses of petrol injectors connection.



Pic. 2

WARNING:

- fix the Modular LD in vertical position through the suitable fixing tongue in a place protected from possible water filtration and far from heating sources (e.g.: exhaust manifolds).

- It is recommended NOT TO CONNECT the Red wire of the Modular LD at the positive of the battery.

- In case of failure of the Gas electrical system, the device will automatically disconnect itself and it gets back to petrol running.

- Please always refer to the specific electrical wiring diagrams of the single cars.

- The M.T.M. S.r.l. declines all responsibilities for damages to things and/or people coming from an uncorrect use or from a tempering of the devices by unauthorised people.