RAPID BIKE EVO

Ducati Monster 696
Ducati Monster 796
Ducati Monster 1100 / 1100 Evo
Ducati Hypermotard 796 / 1100 Evo

INSTALLATION INSTRUCTIONS

MOTORBIKES

Attention: For a correct RB feeding voltage, check the operation of all motorbike electrical system components (lights, fuse, stock connectors, ecc.).

1. Turn off the engine.
2. Remove the seat.
3. Remove the fuel tank.

WARNING: due to the particular O2 sensors' management on the 796cc model, the wiring MUST be connected with the proper order (Lambda1 and Lambda2) and the version of the firmware loaded into the RB module MUST be 1.0.37 of higher.

Injection section

4. Locate and disconnect the two 2 pin black connectors of the horizontal cylinder's injector and of the vertical cylinder injector(Fig.1).

Fig.1

5. Connect the Rapid Bike wiring in-line of the stock wiring: connectors marked as **INJECTOR 1** to the horizontal cylinder injector (Fig.2). Connectors marked as **INJECTOR 2** to the vertical cylinder injector.

Fig.2

6. Locate and disconnect the 3 pin black connector on the left hand side of the bike (Fig.3).

Fig.3

7. Connect the green wire coming from the Rapid Bike wiring to the orange wire (C position) using the provided wire tap (Fig.4).

Fig.4

8. Place back the stock connector.

9. Locate and disconnect the 3 pin black connector on the right hand side (Fig.5).

Fig.5

10. Connect the Rapid Bike wiring in-line to the stock wiring (Fig.6).

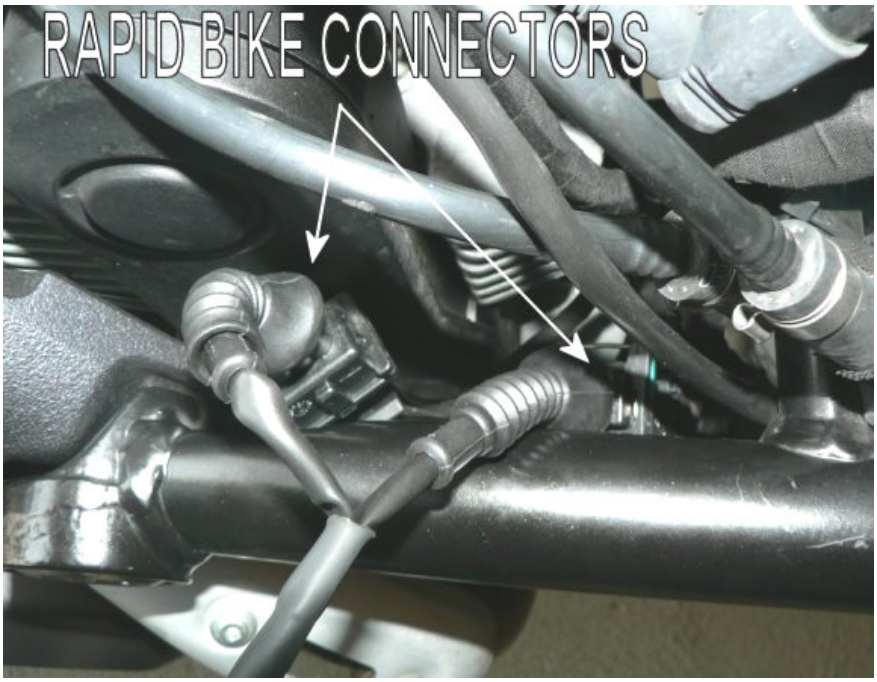


Fig.6

11. Locate and disconnect the connectors of the two o2 sensors (Fig.7).

Fig.7

12. Connect the Rapid Bike wiring in-line to the stock wiring. Connectors marked as Lambda1 must be connected to the o2 sensor of the front cylinder (Fig.8).

Fig.8

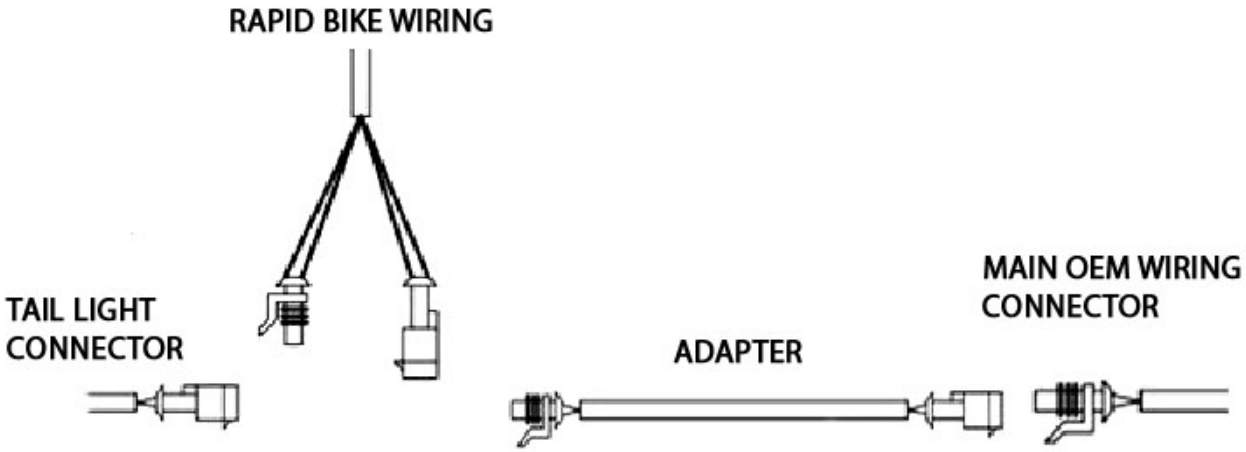
13. Locate and disconnect the 2 pin black connector on the right hand side of the bike (Fig.9).

Fig.9

14. Connect the Rapid Bike wiring in-line to the stock connector (Fig.10).

Fig.10

ATTENTION: On some bike the polarity of this connector is reversed compared to the Rapid Bike connectors. In this case install the little wiring adapter between the Rapid Bike wiring and the stock wiring (not on the rear light side).



15. Connect the eyelet coming from the Rapid Bike wiring to the negative pole of the battery (Fig.11).

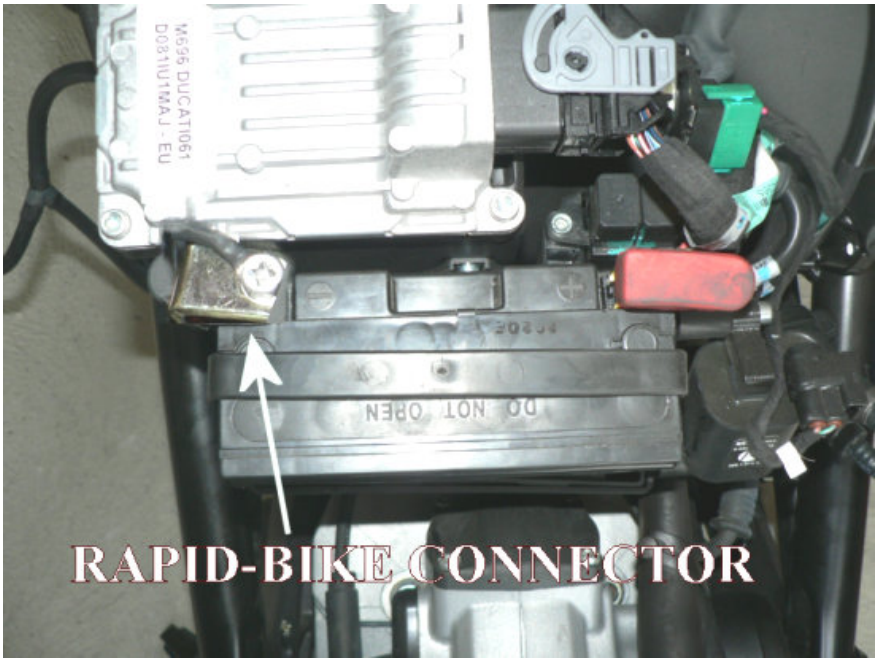


Fig.11

16. Connect the Rapid Bike EVO module to the wiring harness.

17. Check the correct connection of all connectors.

18. Fix Rapid Bike module on the stock ECU (Fig.12).

Fig.12

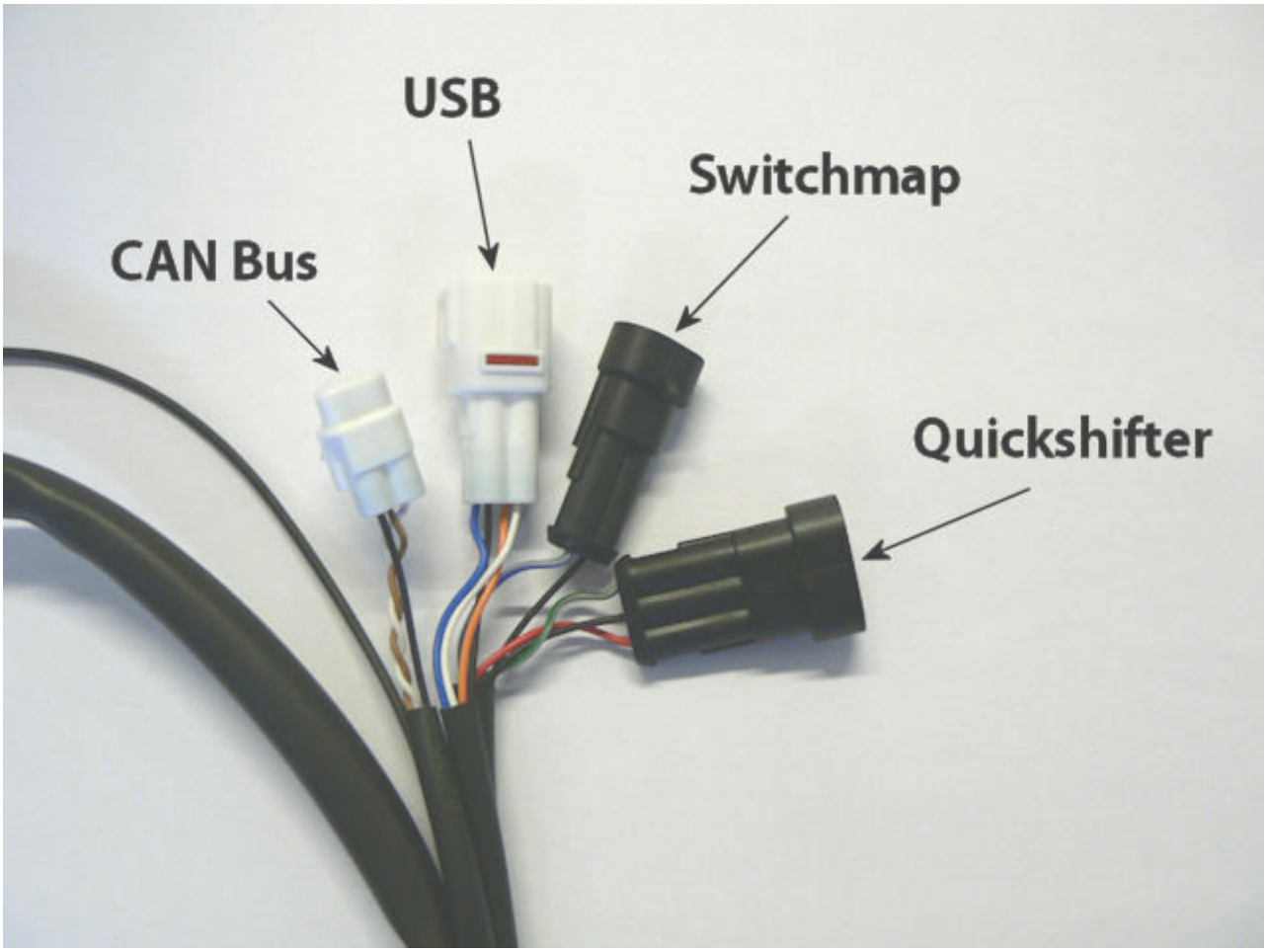
19. Place back the fuel tank.

20. Place back the seat.

Accessories section

The Rapid Bike wiring has four other connections for the accessories:

- Connection for the quickshifter sensor (black 3 pin connector)
- Connection for the handlebar switchmap (black 2 pin connector)
- Connection for the CAN Bus interface (white 3 pin connector)
- Connection for the USB interface (white 4 pin connector)



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