



Ducati Multistrada 620
Ducati Multistrada 1000DS
Ducati Multistrada 1100

INSTALLATION INSTRUCTIONS



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 motorbike.
2. Remove the right and left fairings of the frame.
3. Disassemble the nose cone front part.
4. Disassemble the rear side fairings.
5. Remove the tank disconnecting carefully the fuel manifolds by means of the rapid unhook.
6. Loosen the intake manifolds.
7. Loosen the AIR-BOX supports and fixing screws.

Injection section

8. Locate and disconnect the two 2 pin black connectors (Fig.1).

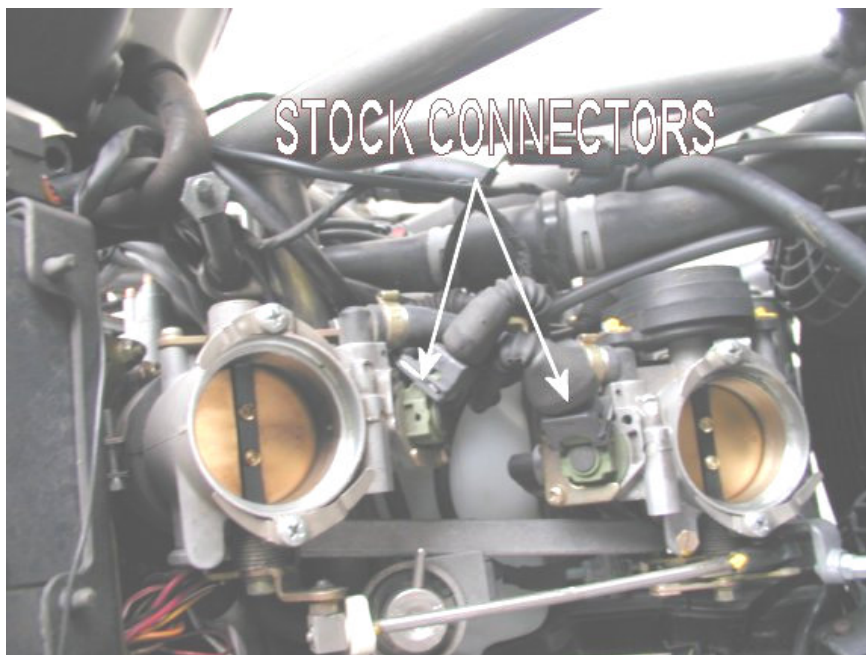


Fig.1

9. Connect the Rapid Bike wiring in-line with the stock connectors: connectors signed as Injector1 must be connected to the front cylinder injector (Fig.2).

**Fig.2**

T.P.S. section

10. Locate and disconnect the 3 pin black connector (Fig.3).

**Fig.3**

11. 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**

12. Place back the stock connector

Crankshaft sensor section

13. Locate and disconnect the 3 pin black connector (Fig.5)

**Fig.5**

14. Connect the Rapid Bike wiring in-line with the stock wiring.

O2 sensor section

15. Locate and disconnect the black 4 pin connectors of the O2 sensor placed on the left side below the TPS connector (Fig.6).



Fig.6

16. Connect the Rapid Bike wiring in-line with the stock wiring (Fig.7).

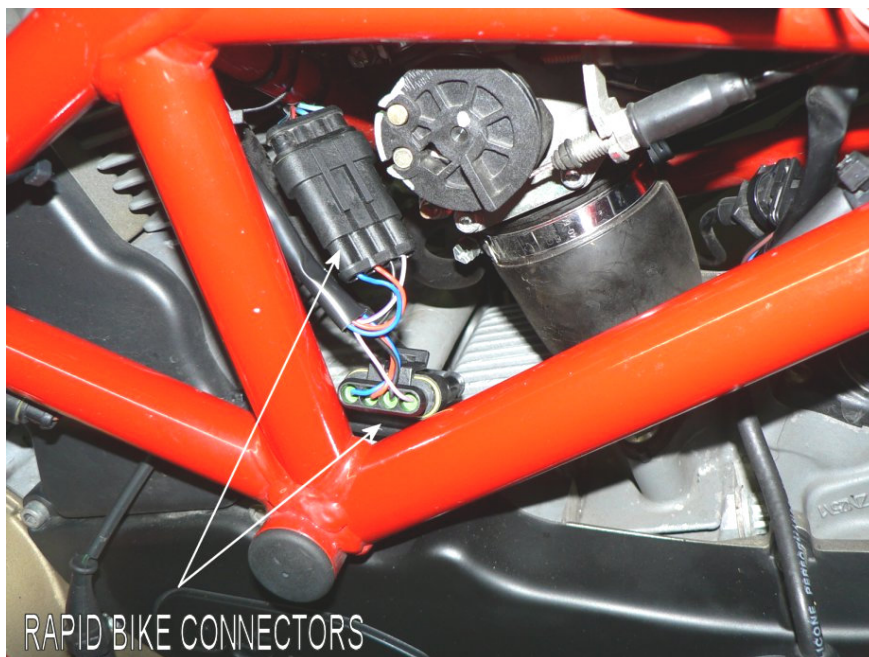


Fig.7

Attention: those Rapid Bike connectors must be left disconnected on bikes not equipped with the O2 sensor.

Feeding voltage section

17. Locate and disconnect the 2 pin black connector (Fig.8).



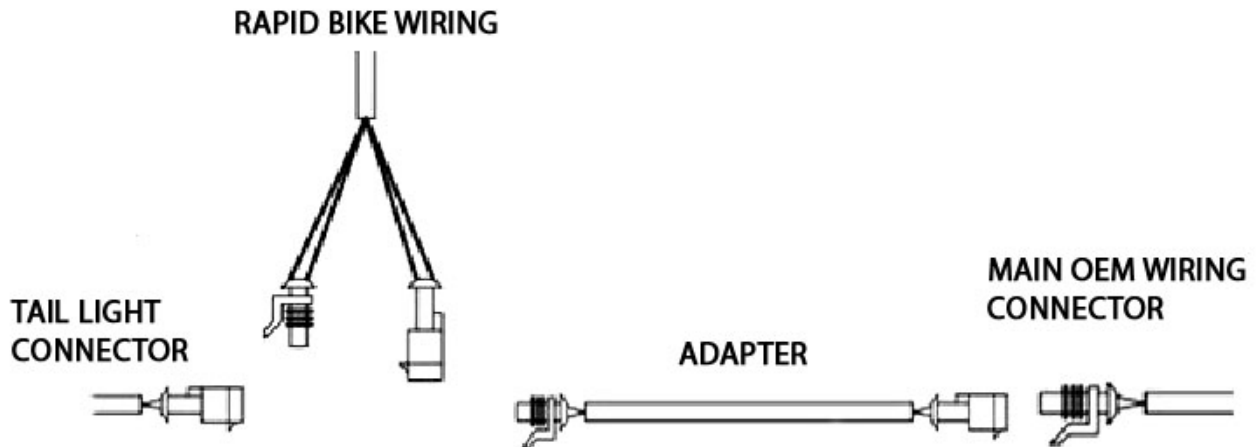
Fig.8

18. Connect the Rapid Bike wiring in-line with the stock connector (Fig.9).



Fig.9

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 tail light side).



19. Connect the eyelet coming from the Rapid Bike wiring to the negative pole of the battery (Fig.10).



Fig.10

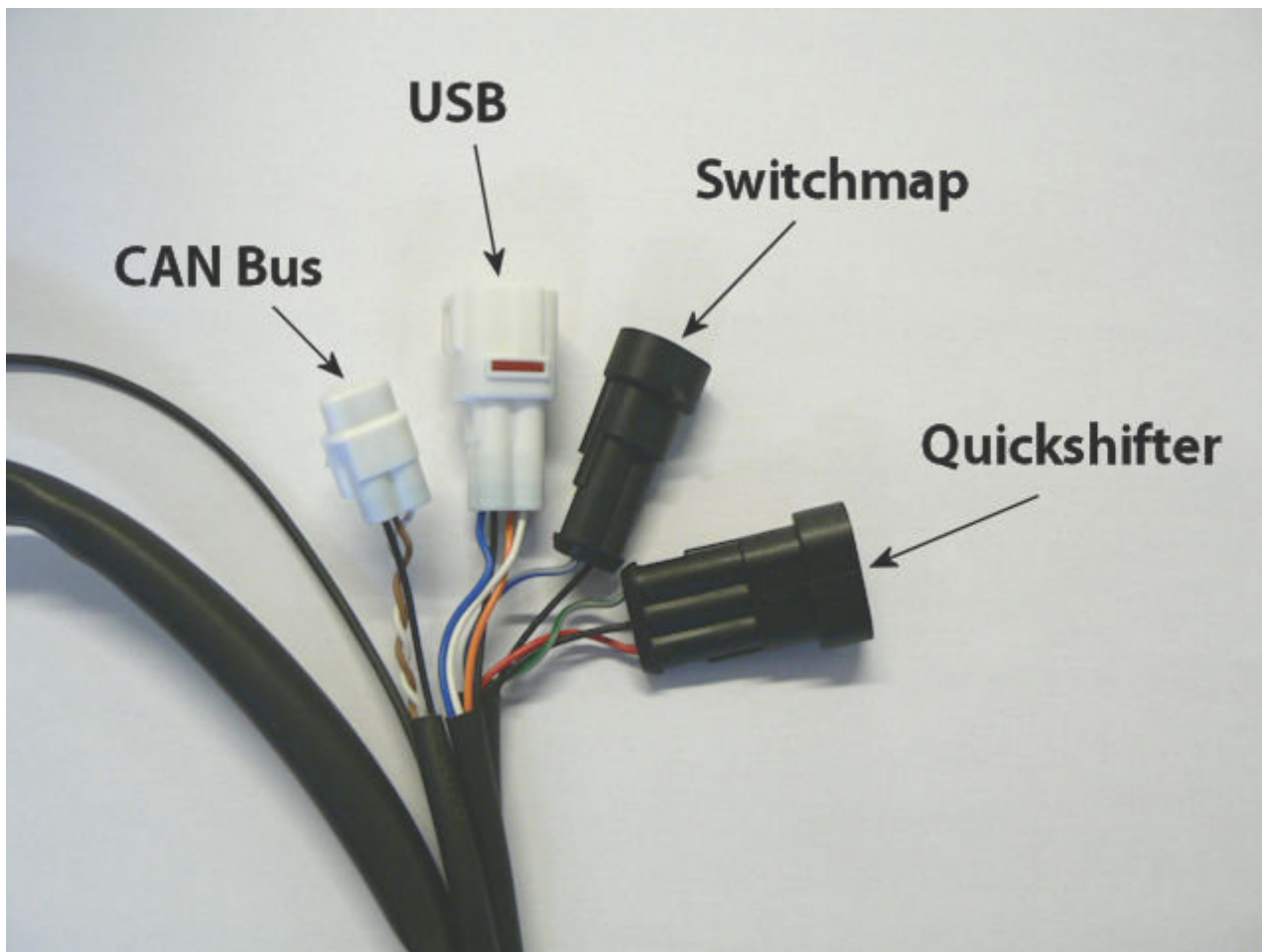
Final section

20. Connect the Rapid Bike EVO module to the wiring harness.
21. Check the correct connection of all connectors.
22. Fix the RAPID BIKE control unit to the motorbike by means of some strips placing it in the frame front part.
23. Place back the AIR-BOX, the fuel tank, the rear fairings, the nose cone front part and the frame right and left fairings.

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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