



Ducati Diavel

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 ignition.
2. Remove the seat and the fuel tank.

Injection section

3. Locate and disconnect the 2 pin grey connector of the front cylinder (Fig.1).



Fig.1

4. Connect the Rapid Bike connectors marked as **Injector 1** in-line with the stock wiring (Fig.2).

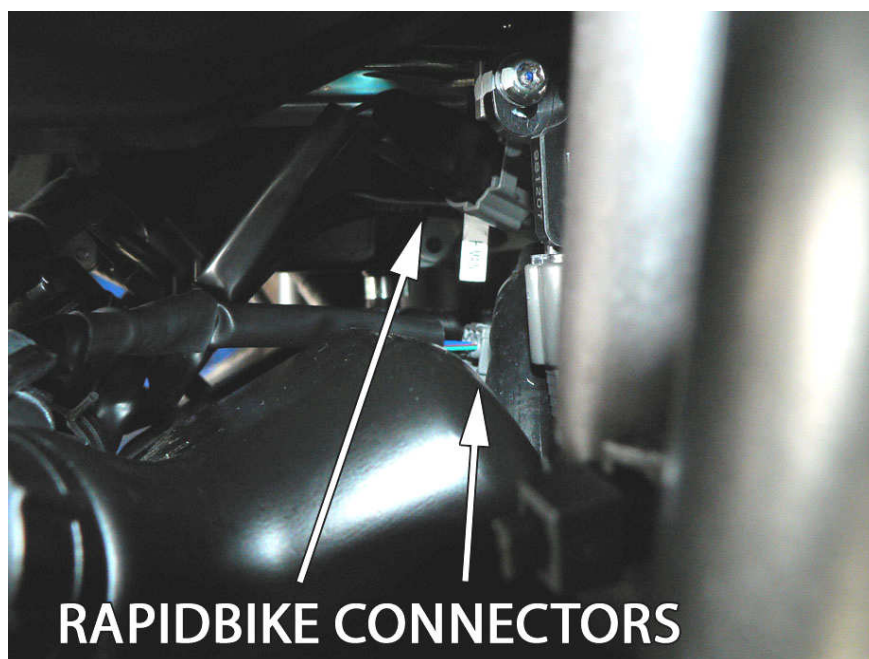


Fig.2

5. Locate and disconnect the grey connector of the rear cylinder (Fig.3).



Fig.3

6. Connect the Rapid Bike connectors marked as **Injector 2** in-line with the stock wiring (Fig.4).

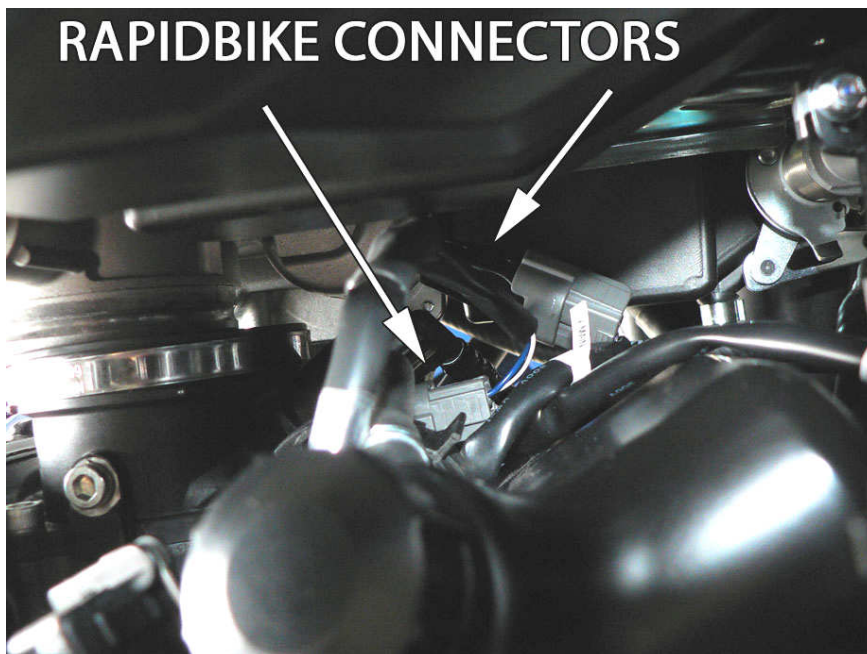


Fig.4

T.P.S. section

7. Locate and disconnect, on the left hand side of the bike, the 6 pin black connector (Fig.5).

**Fig.5**

8. Connect the green wire coming from the Rapid Bike wiring to the orange/green using the provided posi-tap connector (Fig.6).

**Fig.6**

(Picture shows wrong wire)

Crankshaft sensor section

9. Locate and disconnect the black 3 pin connector on the right hand side of the bike (Fig.7).

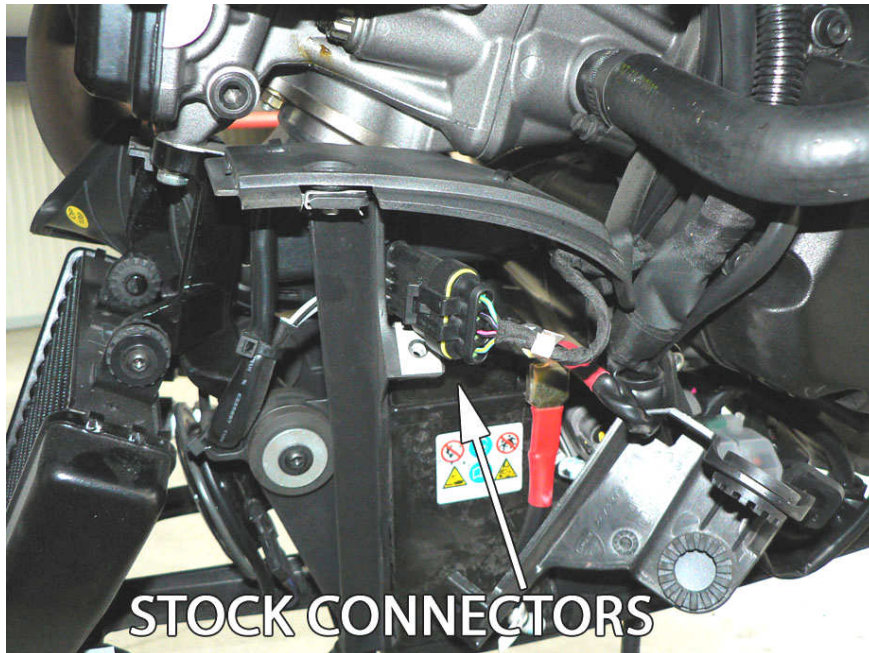
**Fig.7**

10. Connect the Rapid Bike connectors in-line with the stock wiring (Fig.8).

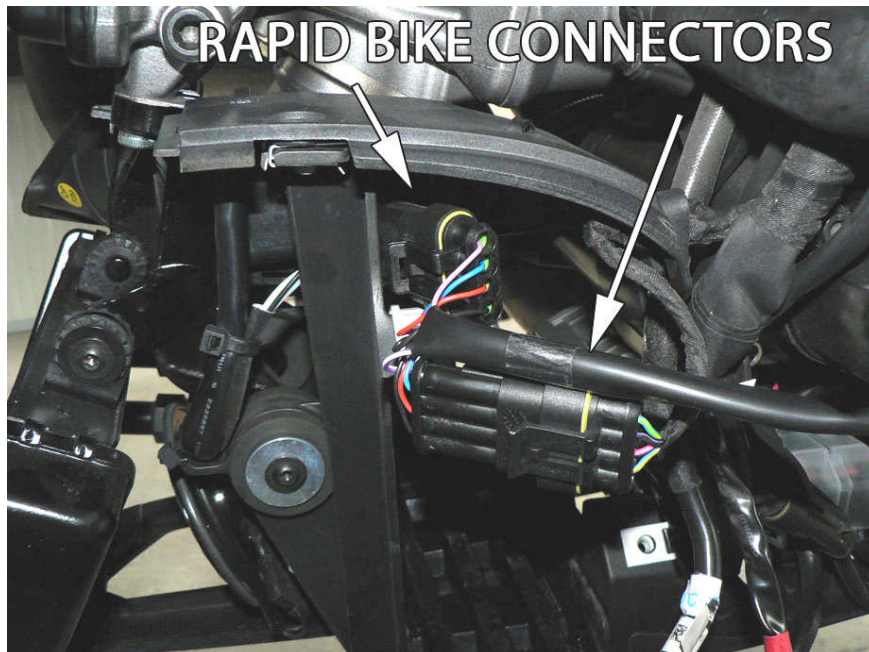
**Fig.8**

O2 sensor section

11. Locate and disconnect the black 4 pin connectors of the front cylinder's O2 sensor (Fig.9).

**Fig.9**

12. Connect the Rapid Bike connectors marked as **O2 SENSOR 1** in-line with the stock wiring (Fig.10).

**Fig.10**

13. Locate and disconnect the black 4 pin connectors of the rear cylinder's O2 sensor (Fig.11).

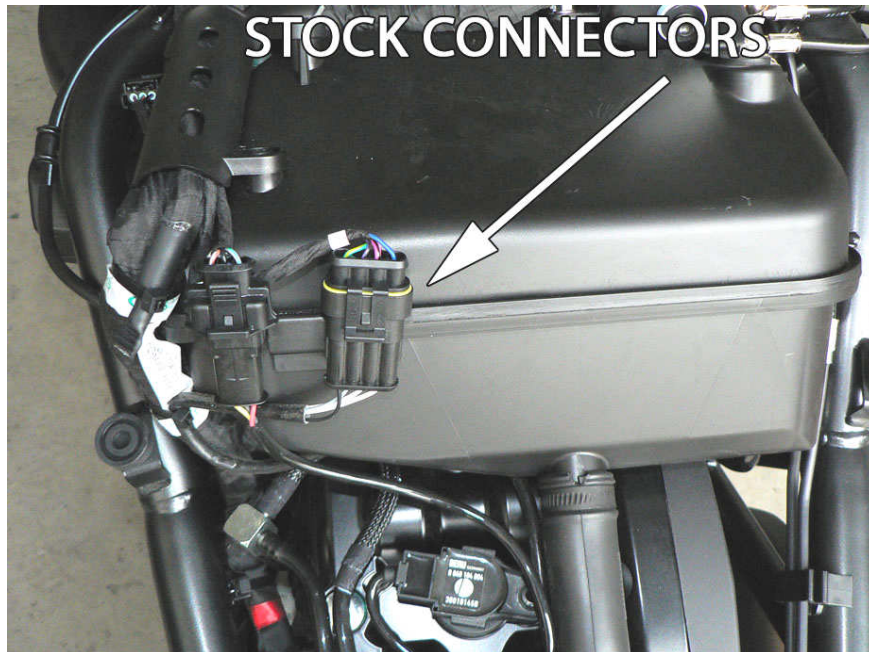


Fig.11

14. Connect the Rapid Bike connectors marked as **O2 SENSOR 2** in-line with the stock wiring (Fig.12).

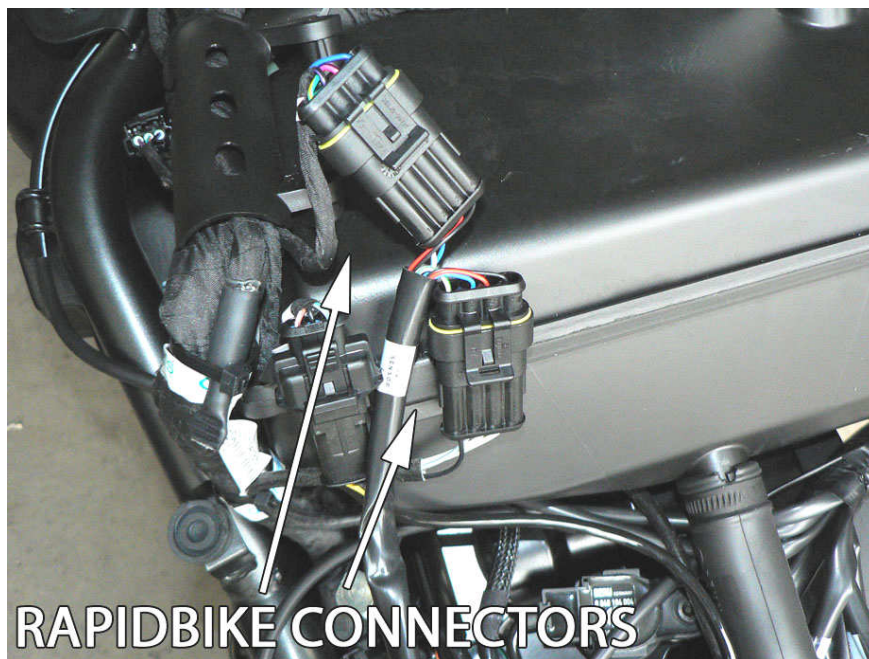


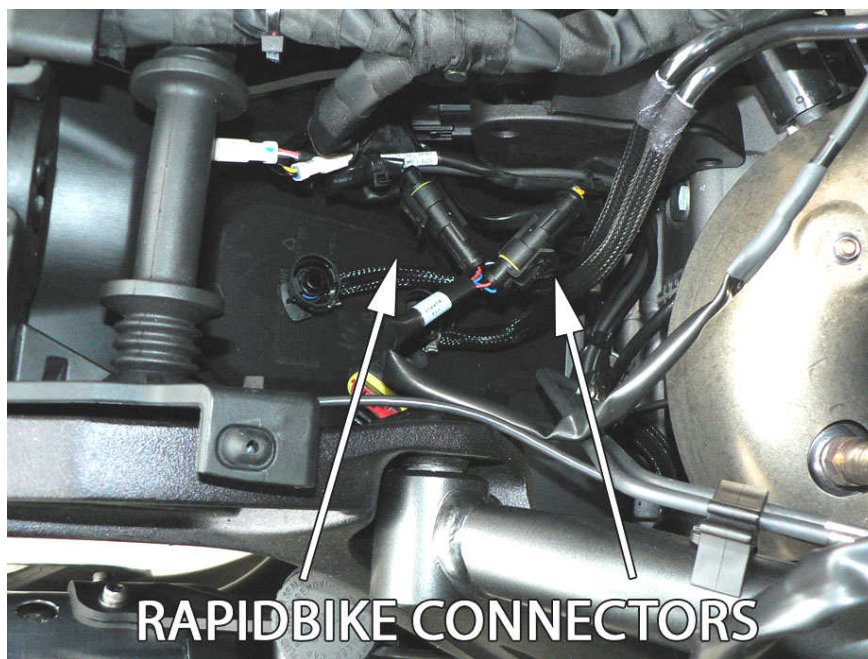
Fig.12

Feeding voltage section

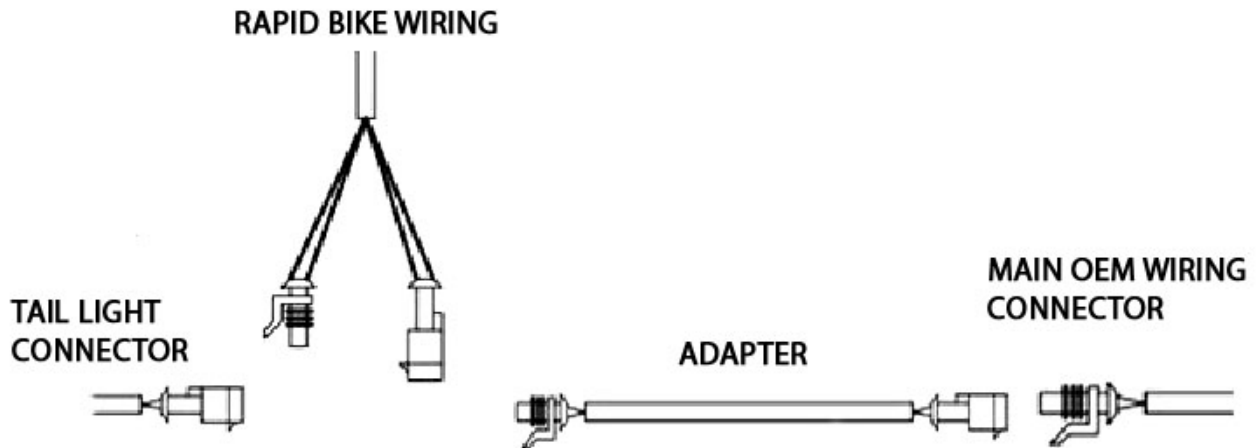
15. Locate and disconnect the black 2 pin connector placed under the fuel tank (Fig.13).

**Fig.13**

16. Connect the Rapid Bike connectors in-line with the stock wiring (Fig.14).

**Fig.14**

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).



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

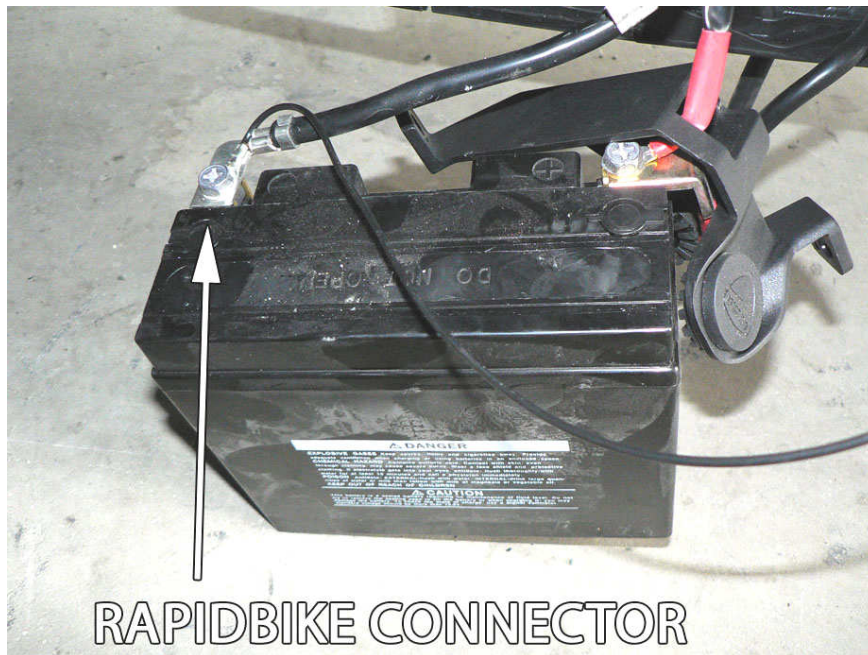
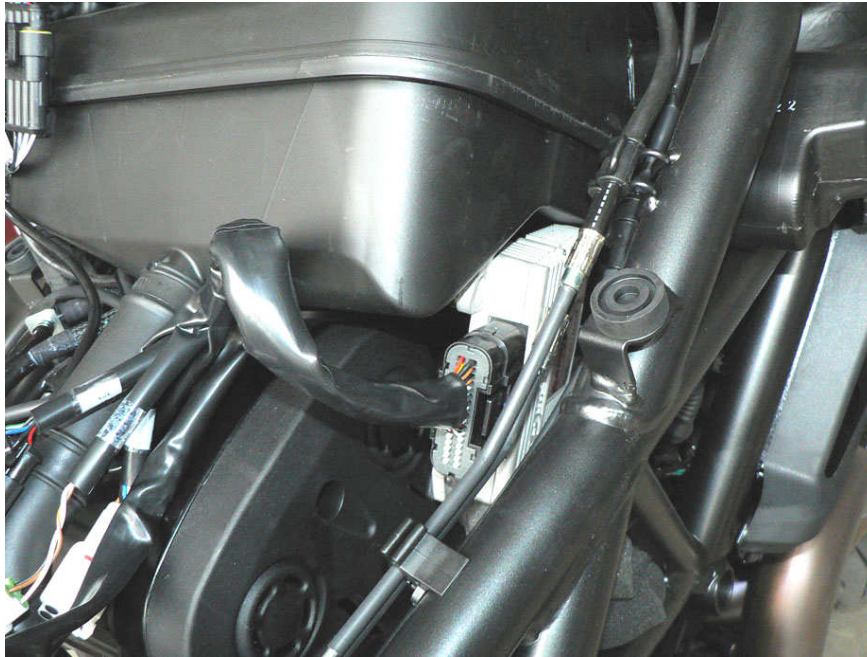


Fig.15

Final section

18. Connect the Rapid Bike Evo module to the wiring harness.
19. Check the proper connection of all connectors.
20. Fix the module under the airbox on the right hand side of the bike (Fig.16).

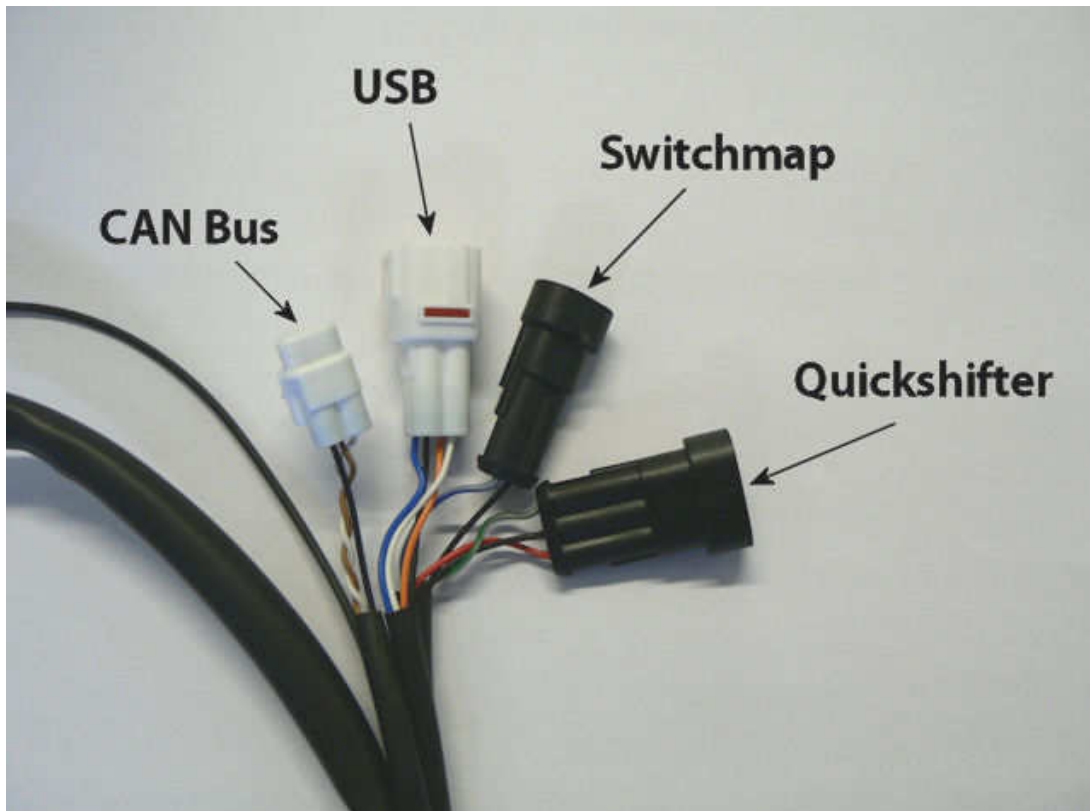
**Fig.16**

21. Place back the fuel tank.
22. 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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