



Ducati Monster 1200 / S / R
Ducati Monster 821 / Stripe

INSTALLATION INSTRUCTIONS



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

1. Turn off the engine.
2. Remove the seat and lift the fuel tank from the front side.

Injection / Feeding voltage section

3. Locate and disconnect the white 3 pin connector of injector placed under the fuel tank (**Fig.1**).



Fig.1

4. Connect Rapid Bike connectors in-line of the stock connectors (**Fig.2**).

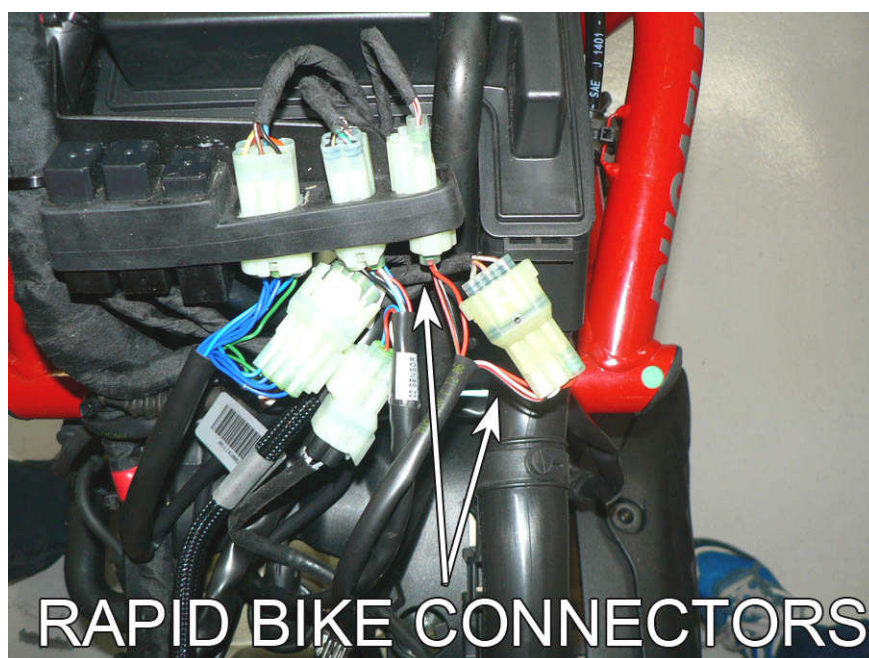


Fig.2

T.P.S. section

5. Locate and disconnect the white 6 pin connector placed under the fuel tank (**Fig.3**).

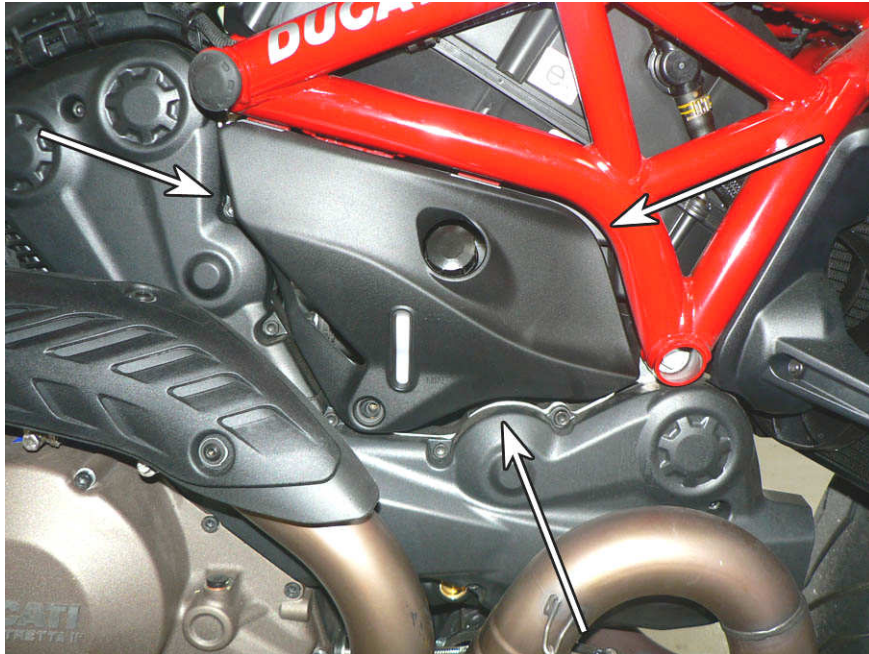
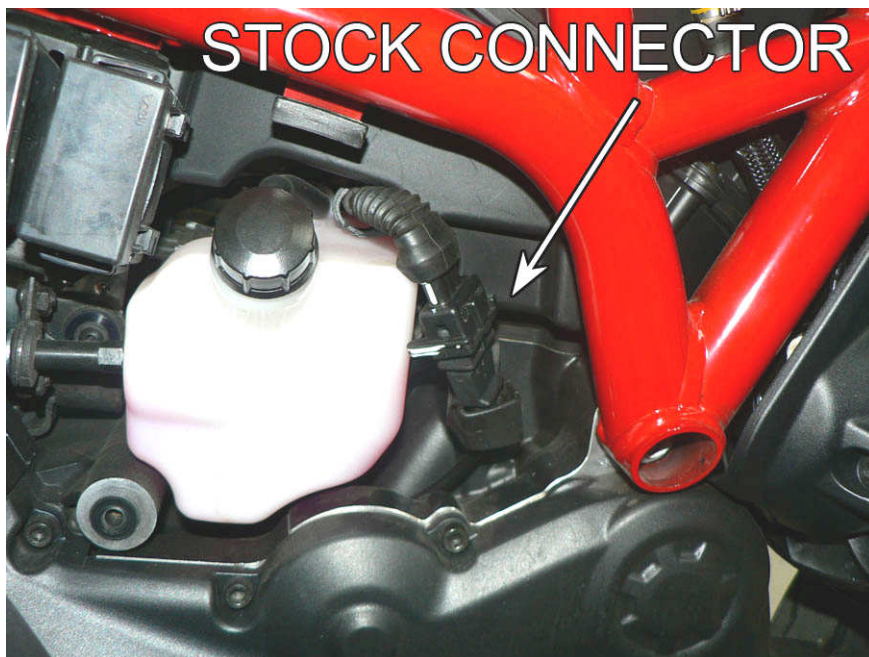
**Fig.3**

6. Connect the Rapid Bike connectors in-line of the stock connectors (**Fig.4**).

**Fig.4**

Crankshaft sensor section

7. Remove the plastic cover on the right hand side (**Fig.5**) in order to locate the black 3 pin connector (**Fig.6**).

**Fig.5****Fig.6**

8. Connect the Rapid Bike connectors in-line of the stock connectors (**Fig.7**).

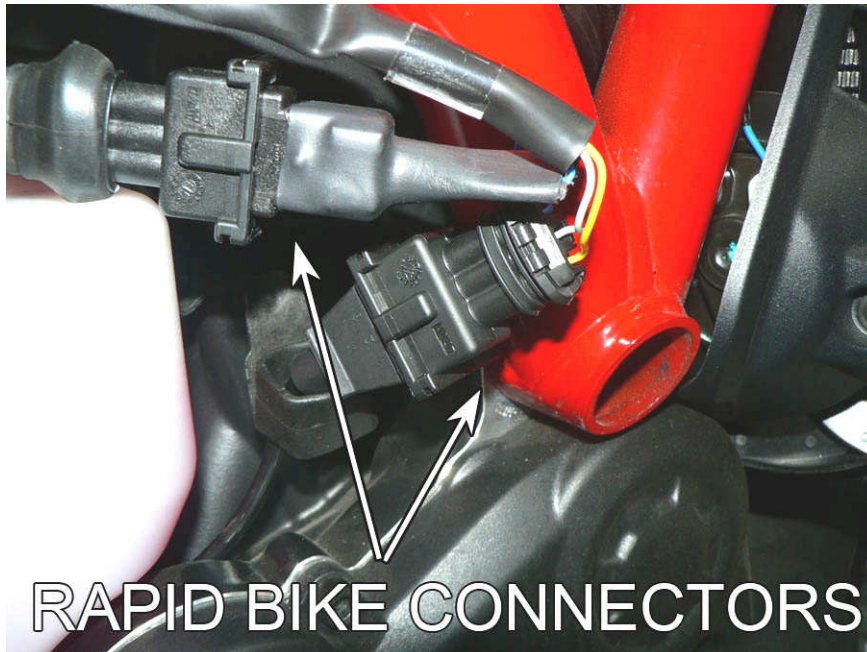


Fig. 7

O2 sensor section

9. Locate and disconnect the black and white 4 pin connector placed under the fuel tank (**Fig.8**).

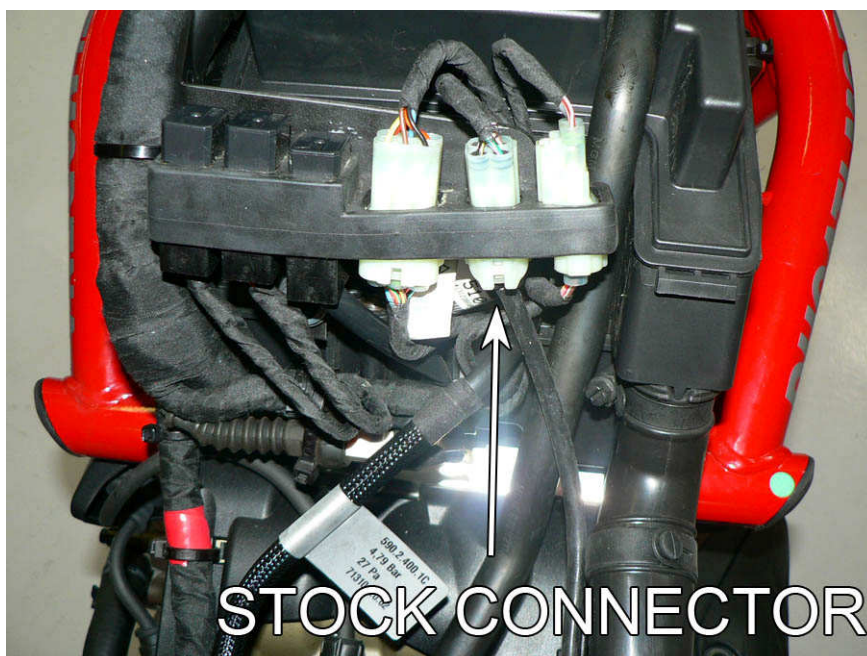


Fig.8

10. Connect the Rapid Bike connectors, marked as **O2 SENSOR 2**, in-line of the stock connectors (**Fig.9**).



Fig.9

Note: due to the difficult access to the battery, that connection includes the wire for the GND connection, so there's no wire to be connected to the negative side of the battery.

11. Locate and disconnect the black and white 4 pin connector placed under the engine, near the oil filter (**Fig.10**).



Fig.10

12. Remove the plastic cover on the left hand side to ease the routing of the wiring harness (**Fig.11**).

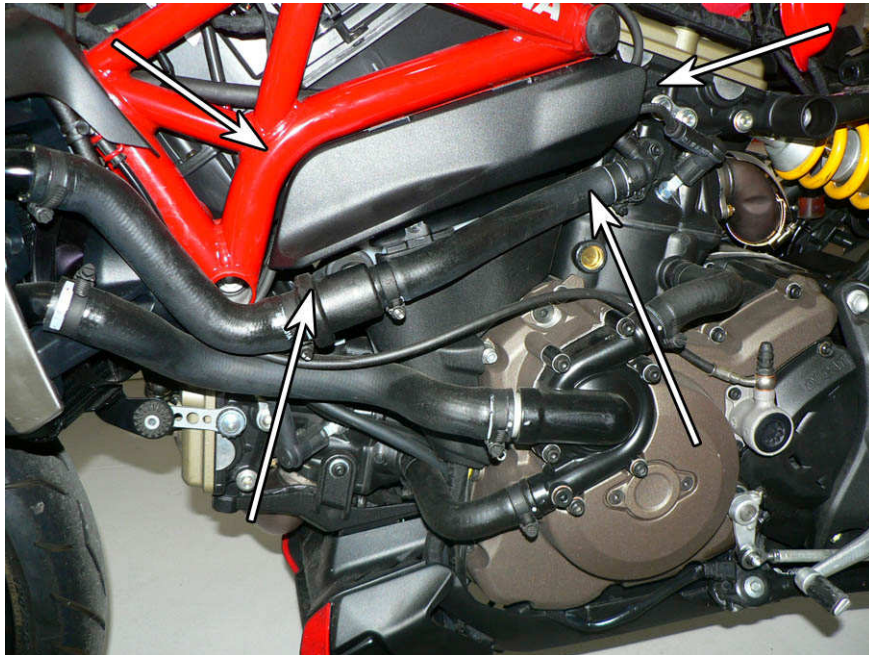


Fig.11

13. Connect the Rapid Bike connectors, marked as **O2 SENSOR 1**, in-line of the stock connectors (**Fig.12**).

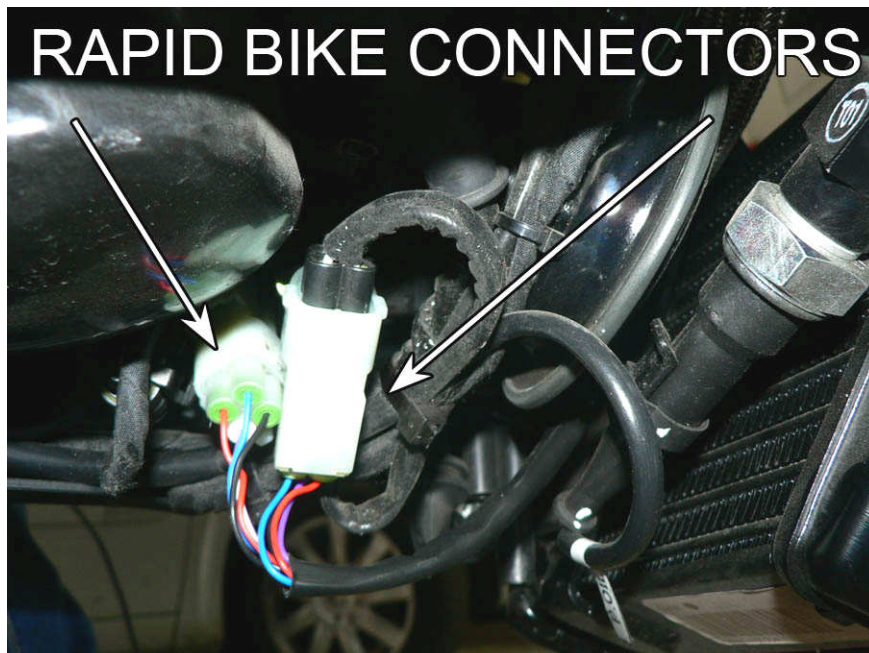


Fig.12

Final section

14. Connect the Rapid Bike module to the wiring.
15. Check the correct connection of all connectors.
16. **Monster 821 and 1200 / S:** Place the module under the seat (**Fig.13**).

**Fig.13**

17. **Monster 1200 R:** Place the module under the stock ECU on the left side (**Fig.14**).

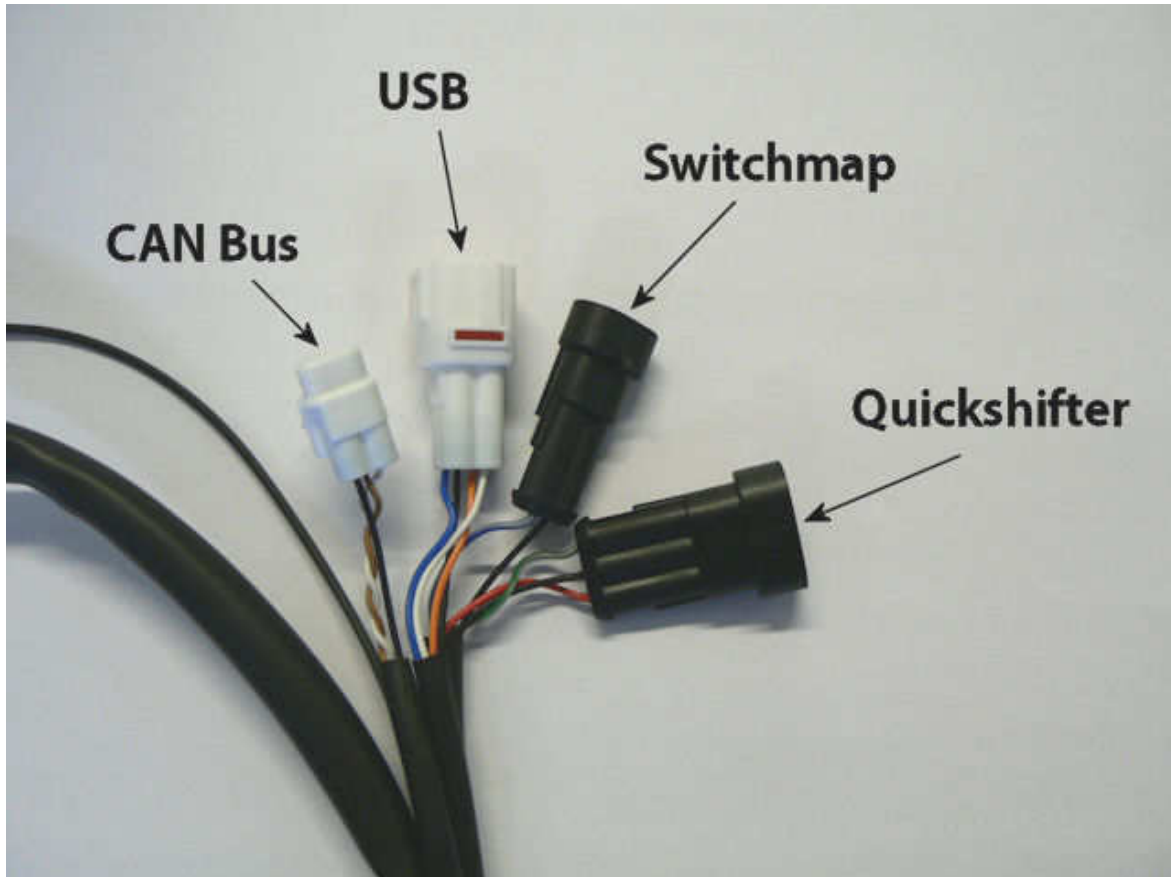
**Fig.14**

18. Place back the fuel tank.
19. 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)



[illegible]



Notes:

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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