

RAPID
BIKERACING

RAPID
BIKEEVO

DUCATI Desert X 950 21 ->
DUCATI Multistrada V2 950 21 ->

INSTALLATION INSTRUCTIONS



1. Turn off the engine and remove the key.
2. Remove the seat/seats.
3. Disconnect the negative pole of the battery.
4. Remove the front/side fairings and the fuel tank.

Injection and Power supply

5. Locate and disconnect the **3-pin** connectors (white color) under the fuel tank. (Fig.1).

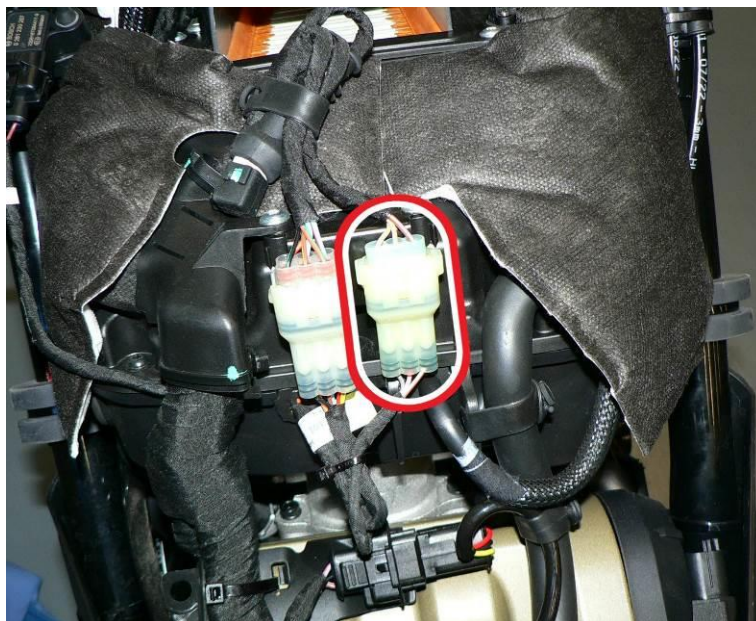


Fig.1

6. Connect the RAPID BIKE connectors (signed **INJECTORS**) to the original wiring. (Fig.2).



Fig.2

Throttle Position Sensor (TPS)

7. Next to the previous one, identify the **6 way white** connectors (Fig.3)



Fig. 3

8. Interpose the RAPID BIKE connectors (signed **TPS**) to the originals. (Fig.4).



Fig.4

Crankshaft sensor

9. On the front, left side, locate the **3-poles** connectors (Black color) (**Fig.5**).



Fig. 5

10. Disconnect the original connectors and interpose the ones marked as “**CRANK SENSOR**” of the RAPID BIKE wiring (**Fig.6**).

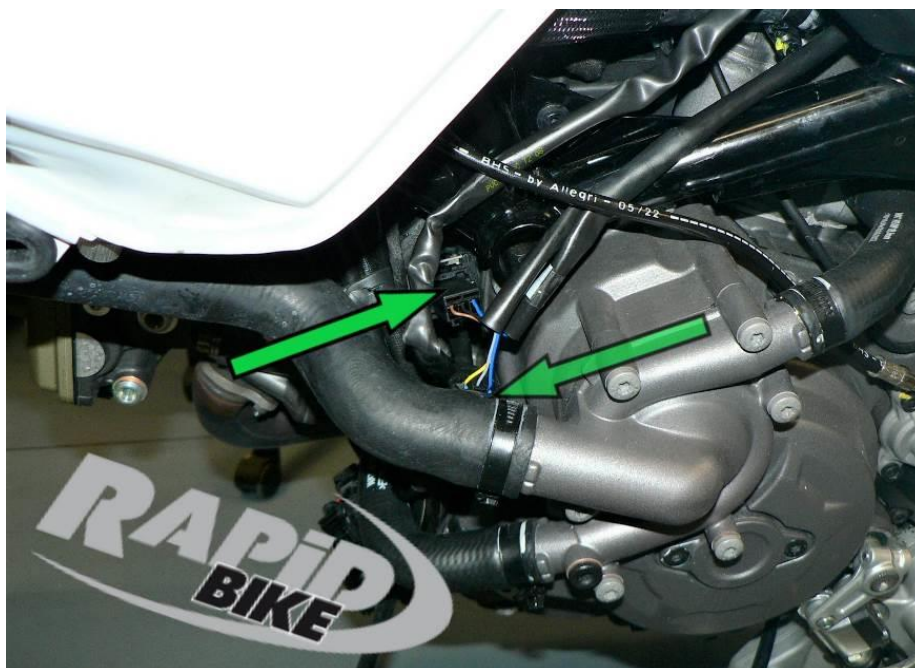
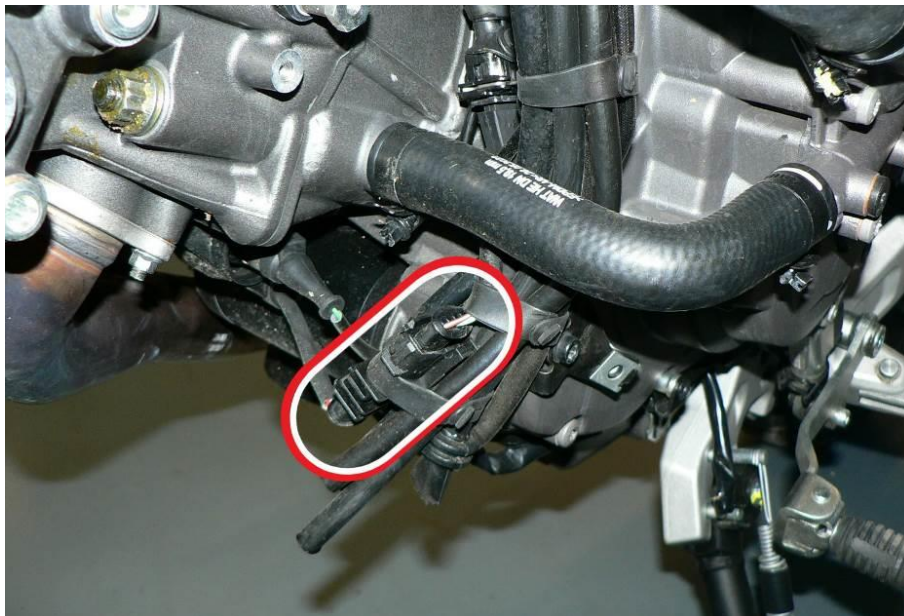


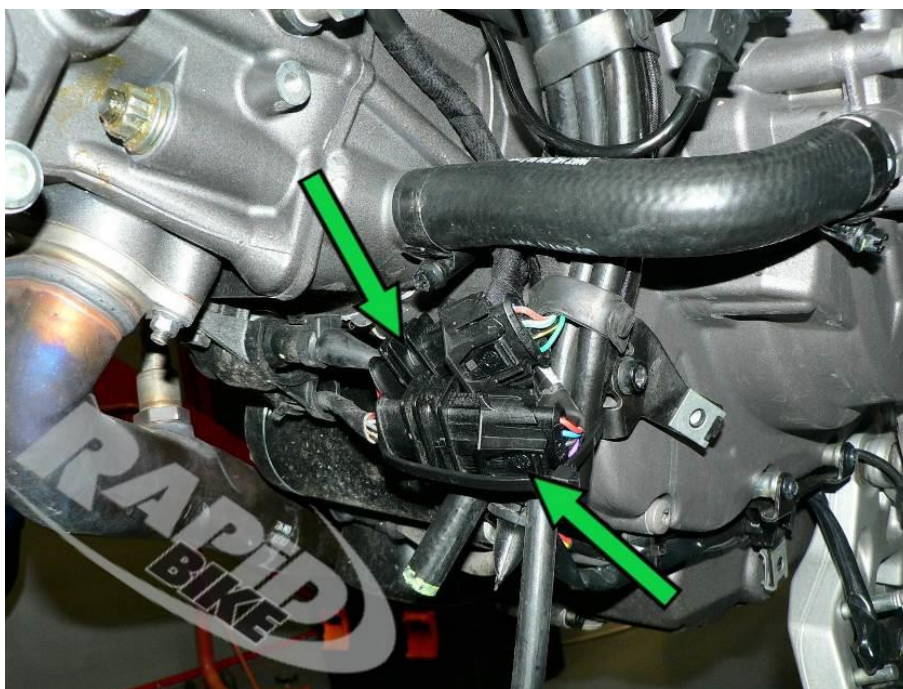
Fig. 6

Lambda O2 Sensors

11. Still on the front left side, locate the 4-pin black connector relating to the front cylinder lambda probe. **(Fig. 7)**

**Fig. 7**

12. Interpose the four-way connectors (also black) of the RB harness marked with “O2 SENSOR 1” label with the original ones. **(Fig.8).**

**Fig.8**

13. In the central part on the right, locate the **4-pin black** connector relating to the rear cylinder lambda probe. (**Fig. 9**)



Fig. 9

14. Interpose the four-way connectors of the RAPID BIKE harness (marked as **O2 SENSOR 2**) with the original ones.



Fig.10

Warning : Secure all the connectors in a free position with strip clamps, not adjacent to moving parts and possibly away from strong heat sources (engine head, radiators).

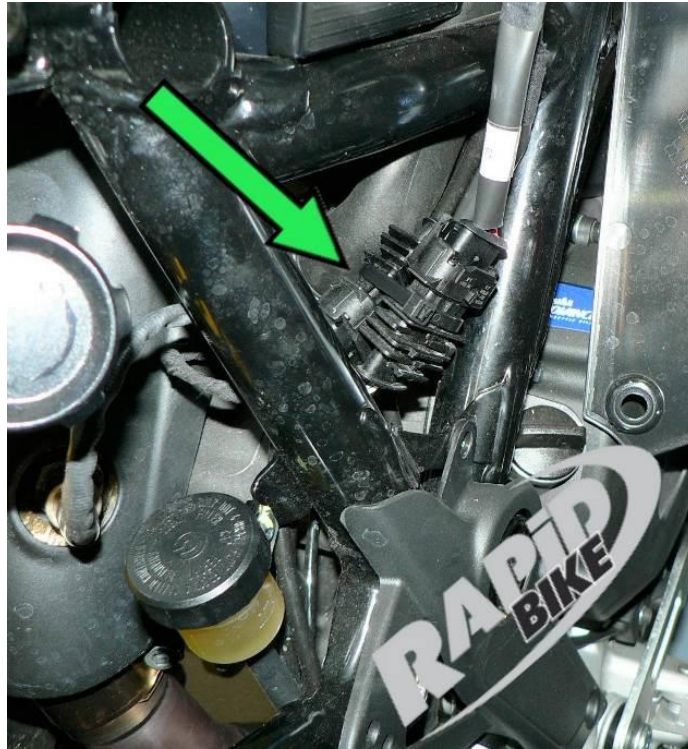


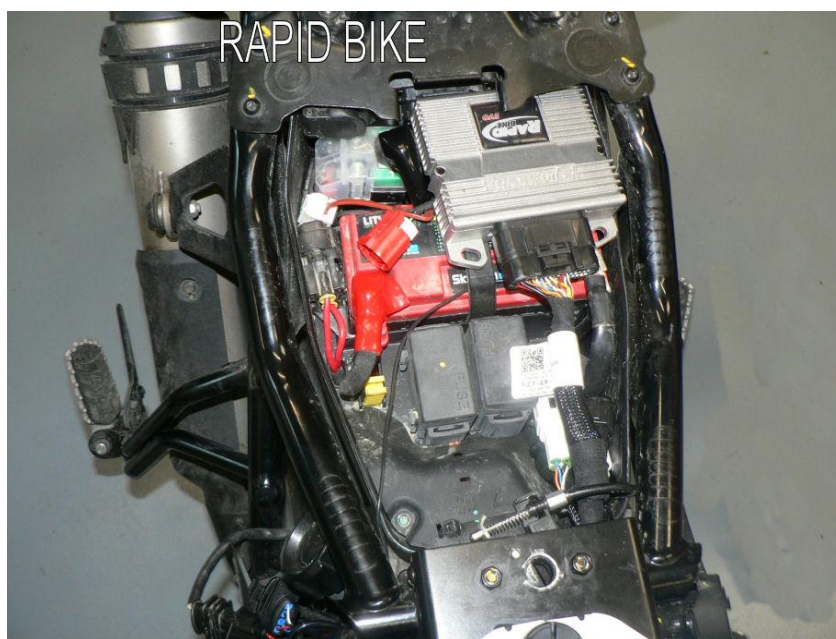
Fig.10b

Final section

15. Connect the Black wire eyelet coming from the RAPID BIKE wiring to the battery negative pole and restore its normal connection to the system. (**Fig.11**).

**Fig.11**

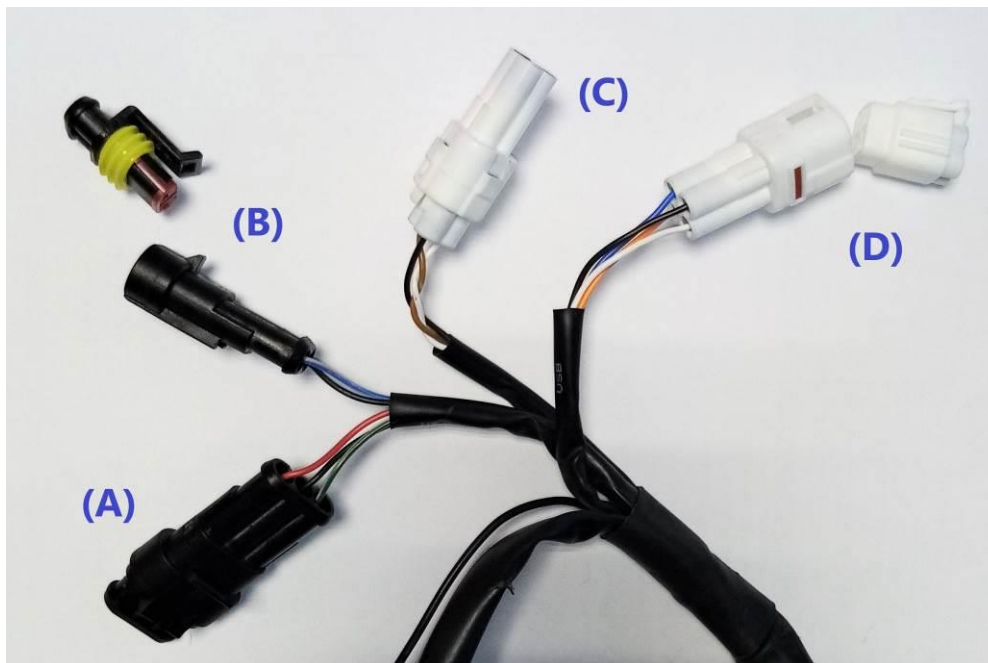
16. Connect the harness to the RAPID BIKE control unit.
17. Check that all connectors are secure and properly connected.
18. Place back fuel tank
19. Position the RB control unit under the seat (See **Fig. 12**), fixing it with the supplied Velcro.
20. Reposition the fairings and seats.

**Fig.12**

Optional Accessories

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

- A) Connection (aux. 3 pins) for power supply and use of optional accessories such as quick shifter QS/Blipper, Pit-Lane limiter and YouTube
- B) Connection for using the maps switch (aux. 2 pins)
- C) CAN line connection (3 pins) for communication with optional modules
- D) USB connection (4 pins) for PC or Bluetooth module



Warning: Connectors for accessories that are not being used should be end up with the matching provided caps.

Online features

Below are useful links for information and online help:

<https://www.dimsport.it/en/rapid-bike/>

<https://reserved.dimsport.com/kb/Filemanager.aspx?id=1032>

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