

RAPID
BIKERACING

RAPID
BIKEEVO

Honda CBR 500 R 13-18

Honda CB 500 X 13-18

Honda CB 500 F 13-18

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 both seats, both side panels, the right hand fairing and the fuel tank.

Injection section

3. Locate and disconnect the two 2 pin grey connectors of the injectors, located under the fuel tank (**Fig.1**).



Fig.1

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

INJECTOR 1 – left injector

INJECTOR 2 – right injector

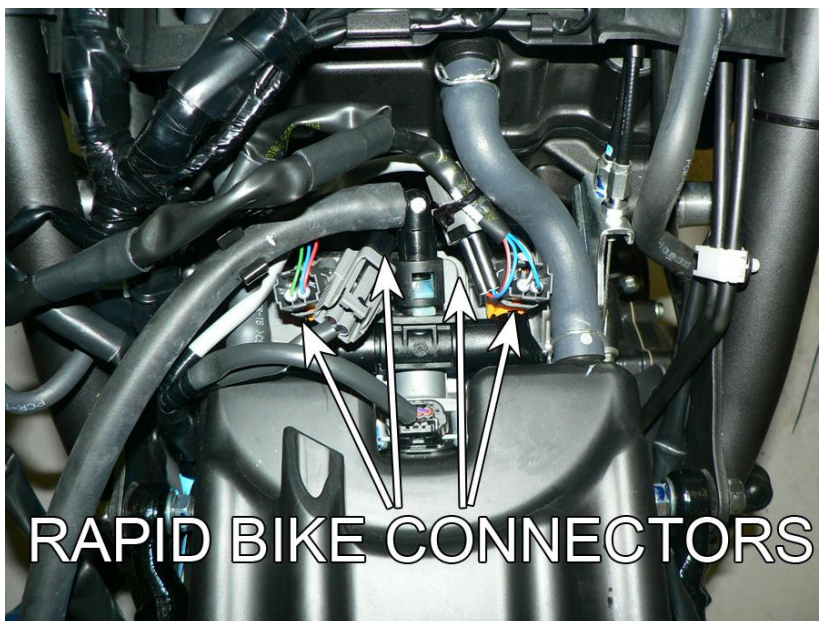


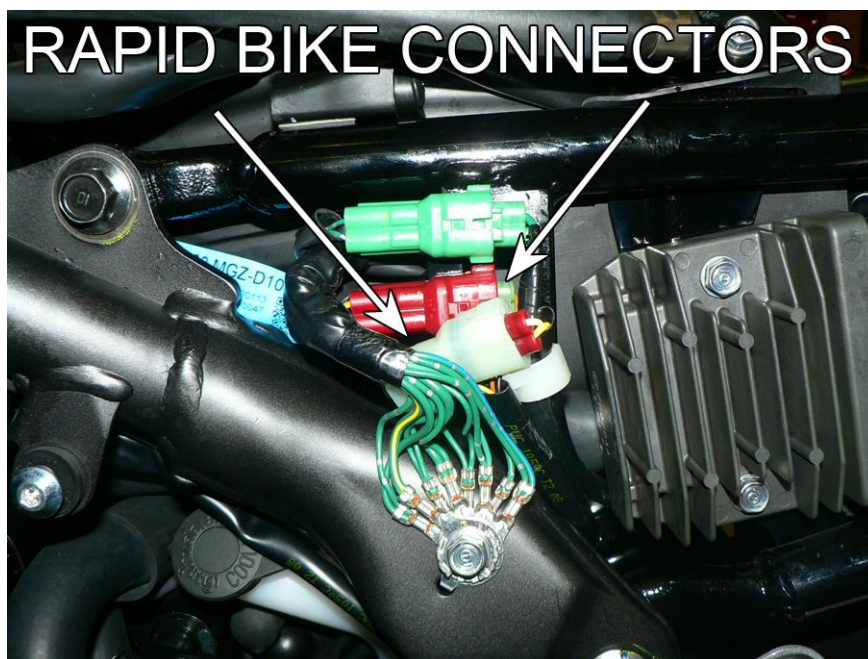
Fig.2

Crankshaft sensor section

5. Locate and disconnect the 2 pin red connector placed on the left hand side (**Fig.3**).

**Fig.3**

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

**Fig.4**

7. Locate the 5 pin black connector placed on the left side of the throttle bodies (Fig.5).

**Fig.5**

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

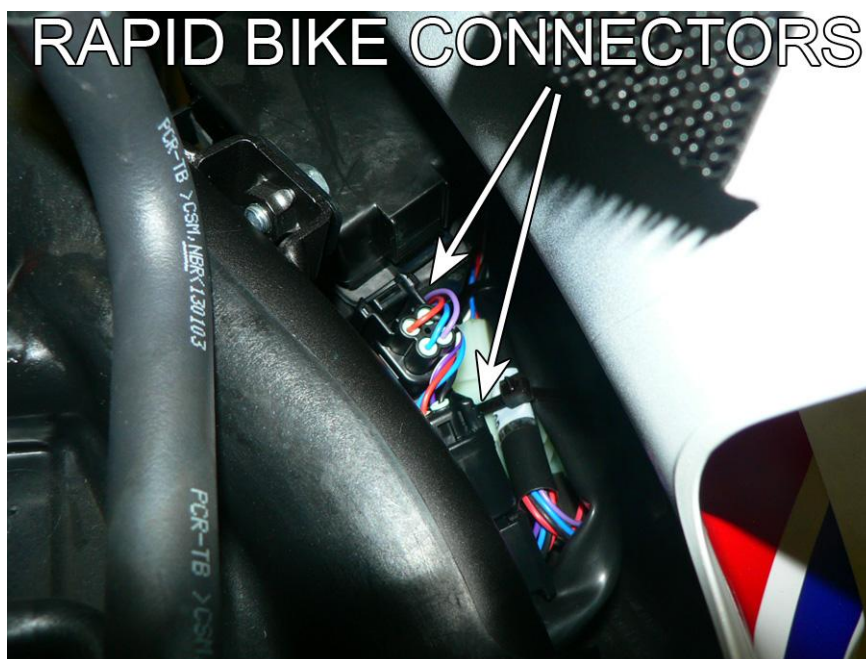
**Fig.6**

O2 sensor section

9. Locate and disconnect the 4 pin black connector placed on the upper right corner of the radiator (Fig.7).

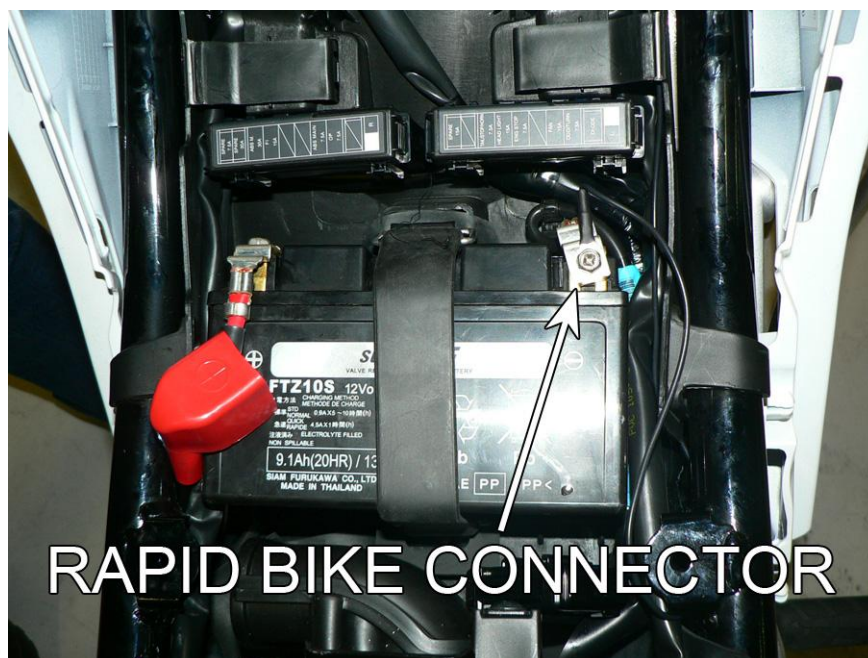
**Fig.7**

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

**Fig.8**

Final section

11. Connect the eyelet coming from the Rapid Bike wiring to the negative side of the battery (**Fig.9**).

**Fig.9**

12. Connect the Rapid Bike module to the wiring harness.
13. Check the correct connection of all connectors.
14. Place the module under the passenger seat using the provided Velcro (**Fig.10**).

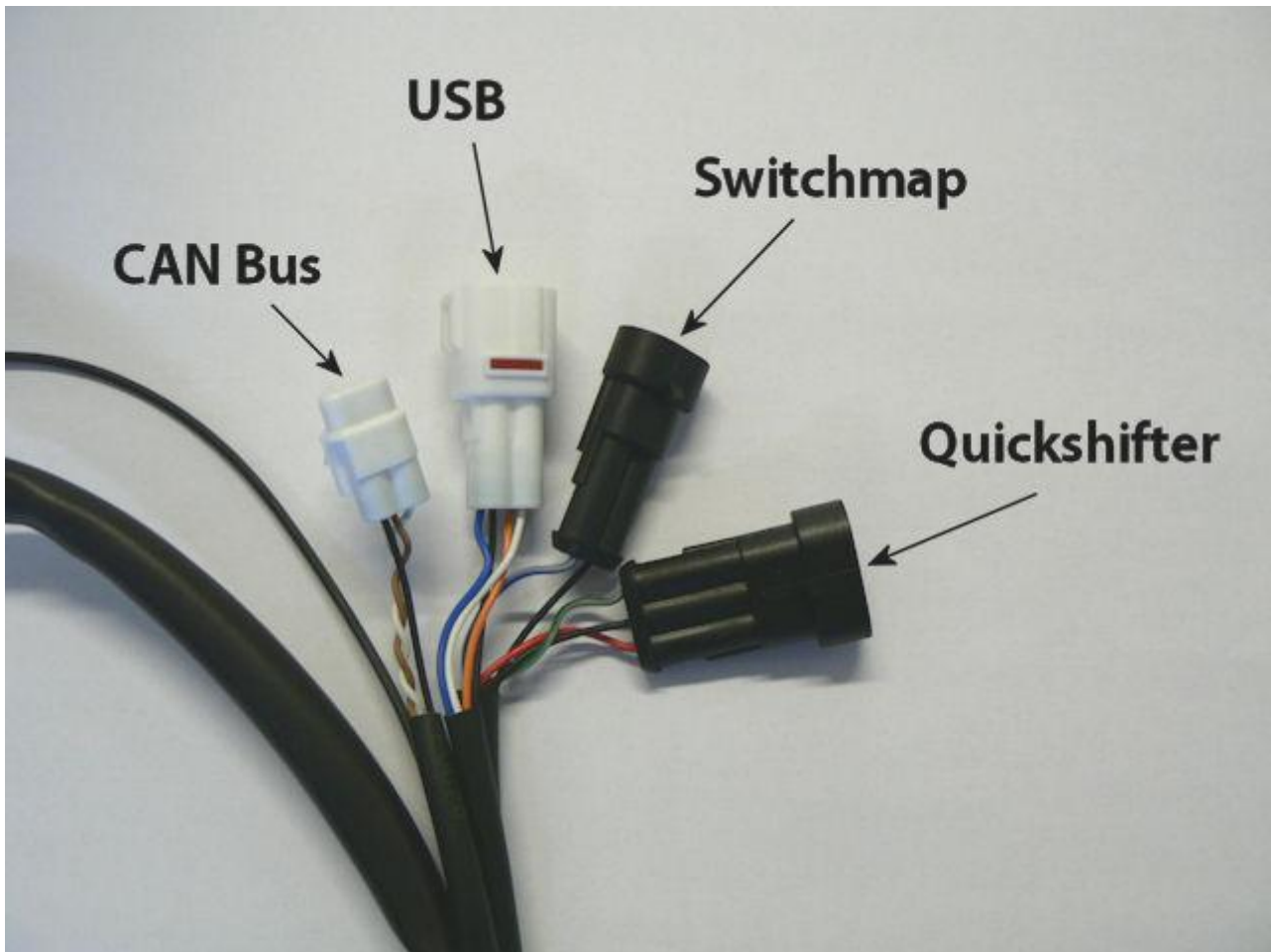
**Fig.10**

15. Reinstall the fuel tank, the right hand fairing, the side panels and the seats.

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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