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Honda CBR 1000 RR 04-07

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. Remove the seats and the fuel tank.

Lower injectors section

2. Locate and disconnect the four two way connectors of the lower injectors (Fig.1)



Fig.1

3. Plug the Rapid Bike connectors in-line with the stock injectors and stock wiring harness (Fig.2). Follow this order:
 - red/green wire – Injector one (first injector on the left)
 - white/black wire – Injector 2
 - blue wire – Injector 3
 - white wire – Injector 4 (last injector on the right)

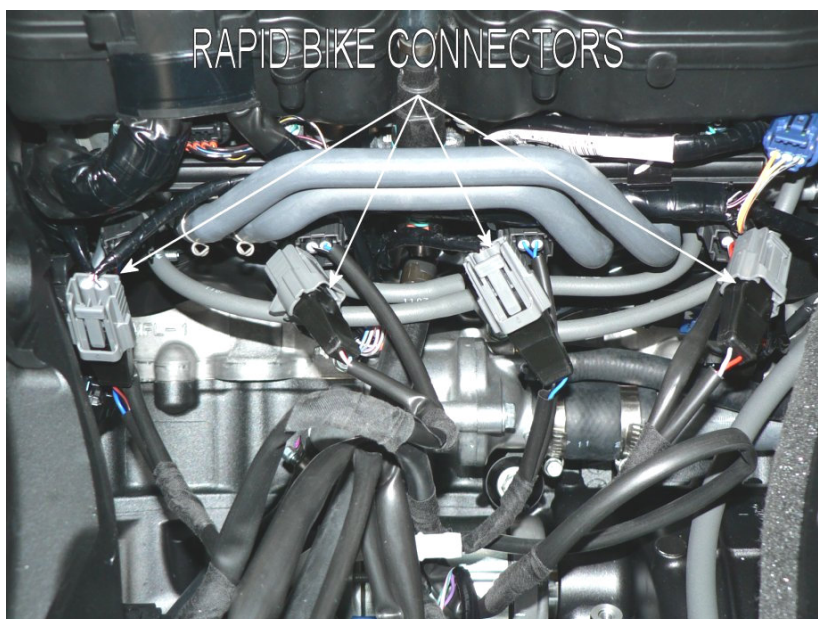
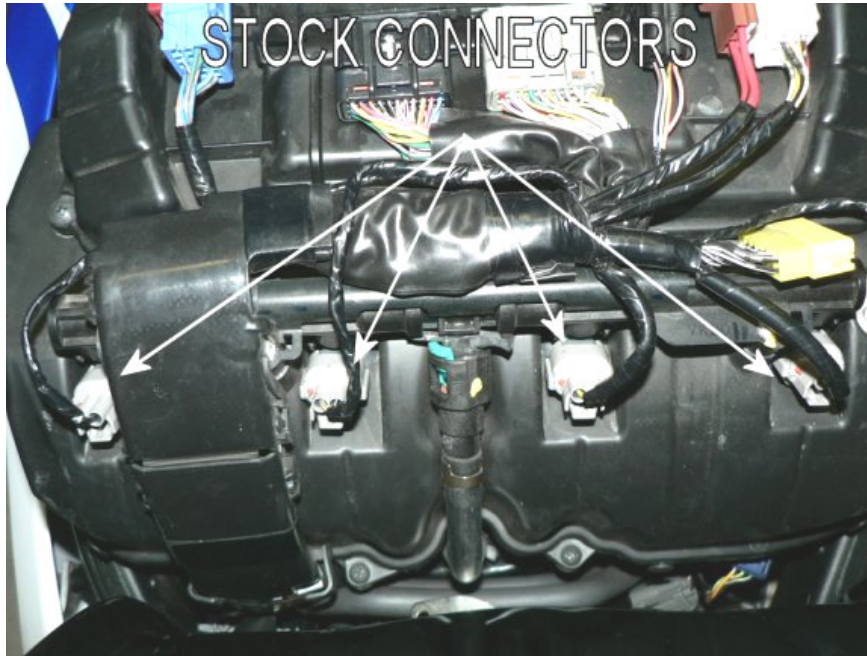


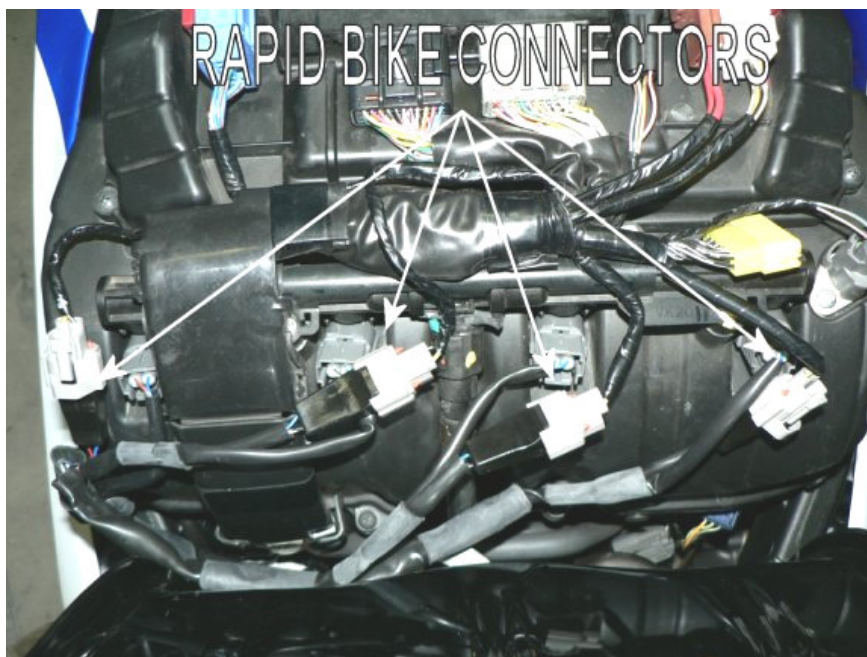
Fig.2

Upper injectors section

4. Locate and disconnect the four two way connectors of the upper injectors, placed on top of the air-box (Fig.3).

**Fig.3**

5. Connect the Rapid Bike connectors to the stock ones (Fig.4), following this order:
- blue/black wire – Injector 5 (first injector on the left)
 - yellow/black wire – Injector 6
 - grey/black wire – Injector 7
 - pink/black wire – Injector 8 (last injector on the right)

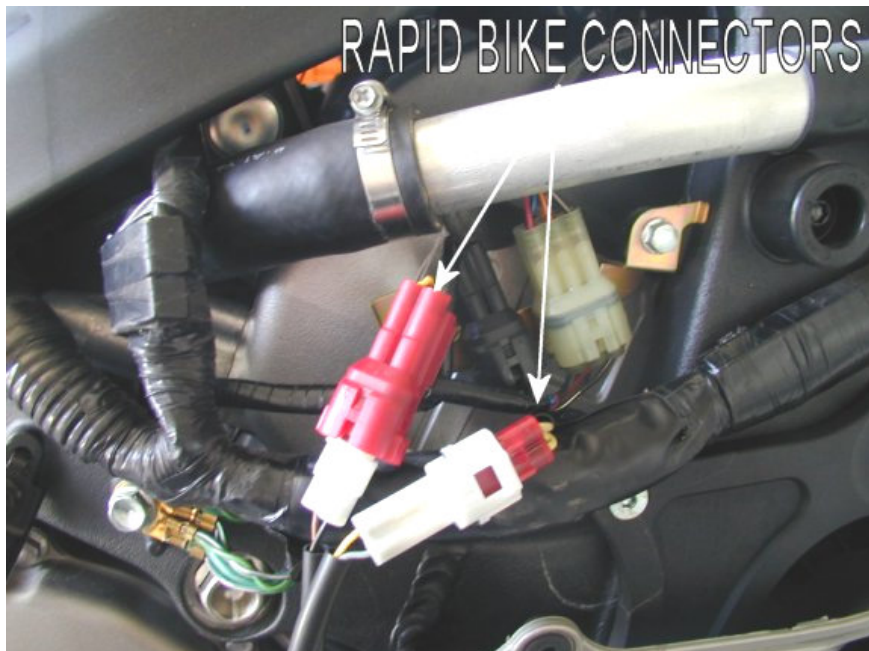
**Fig.4**

Crankshaft sensor section

6. Locate and disconnect the red 2 pin connector on the right side of the bike (Fig.5).



7. Connect the stock connectors in-line with the stock connectors (Fig.6).



T.P.S. section

8. Locate and disconnect the black 3 pin connector (Fig.7).



Fig.7

9. Connect the green wire from the Rapid Bike wiring to the red/yellow wire (in central position) of the stock connectors by means of the supplied wire tap (Fig.8).

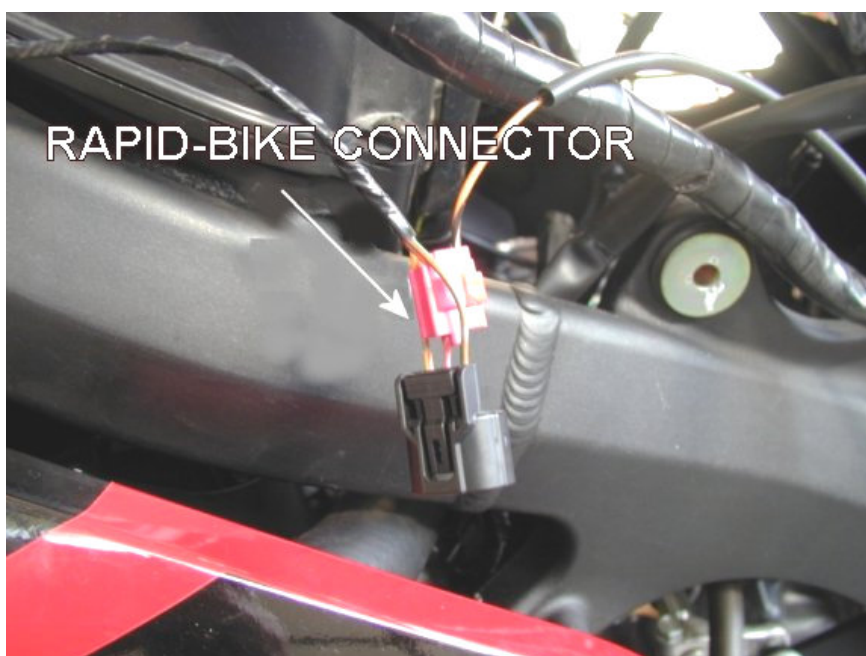


Fig.8

O2 sensor section Model Year 04-05

12. Since the bike is not equipped with the o2 sensor the Rapid Bike connectors must be connected together to prevent the oxidation of the contacts.
13. On the German vehicles, equipped with o2 sensors, use the lambda eliminators F27LMDE3 (Fig.9).

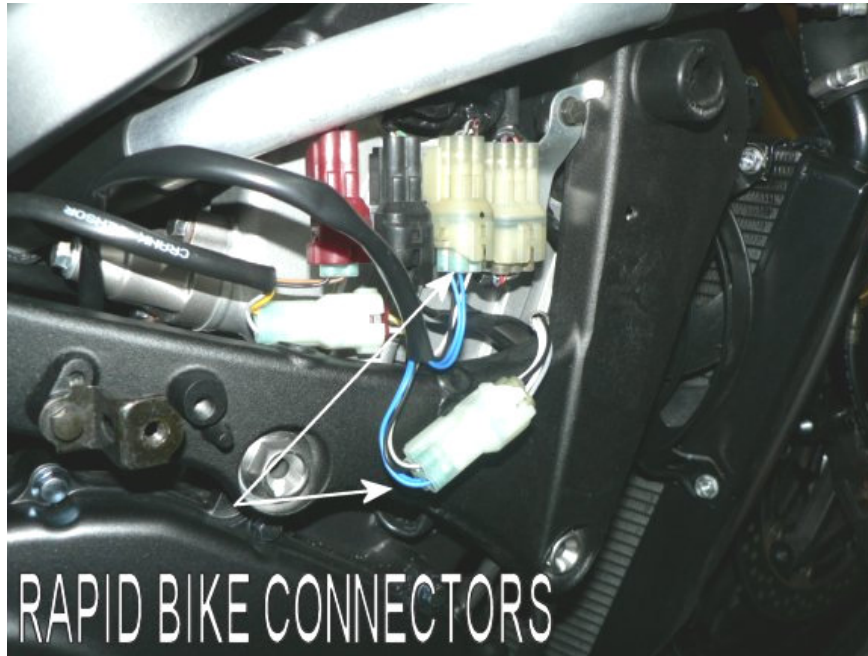
**Fig.9**

O2 sensor section Model Year 06-07

14. On the right side of the bike identify and disconnect the white 4 pin connectors of the o2 sensor (Fig.10).

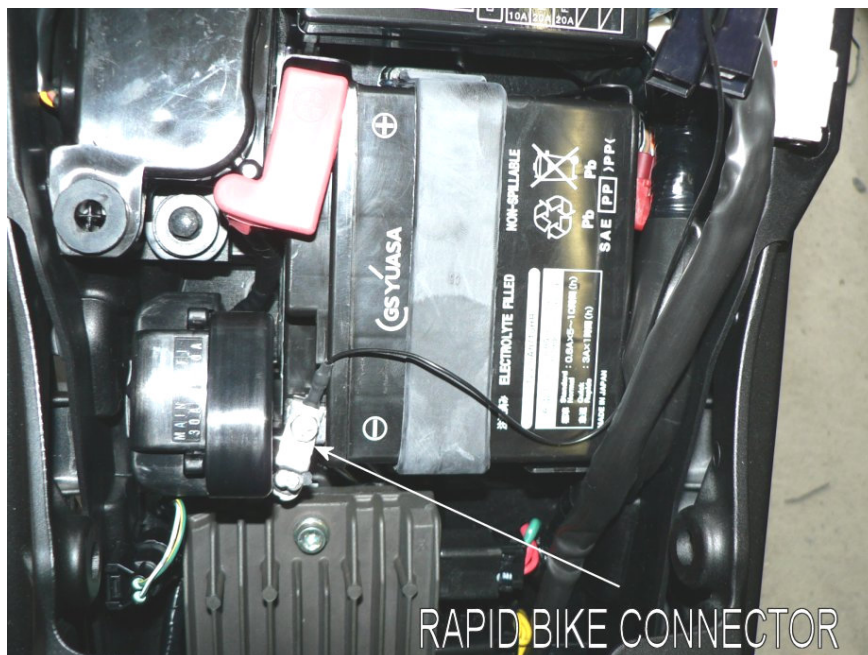
**Fig.10**

15. Connect the Rapid Bike connectors marked as **O2 SENSOR** to the provided adapter.
16. Connect the Rapid Bike adapter connectors in-line with the stock connectors (Fig.11).

**Fig.11**

Feeding voltage section

10. Connect the eyelet from the Rapid Bike wiring to the negative pole of the battery (Fig.12).

**Fig.12**

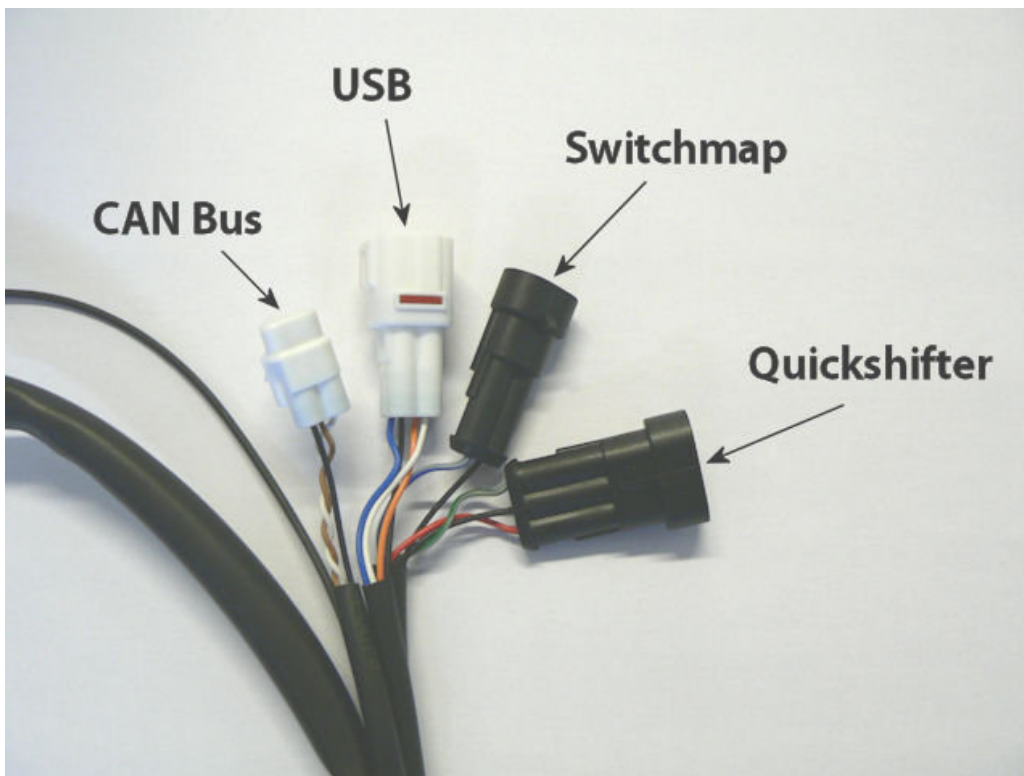
Final section

11. Connect the Rapid Bike module to the wiring.
12. Check the correct connection of all connectors.
13. Place the Rapid Bike module in the glove compartment.
14. Place back the fuel tank 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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