

RAPID
BIKERACING

RAPID
BIKEEVO

Honda CBR 600 RR 03-06

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. Pull off the plastic covers of the intake air pipes.
3. Remove seats and fuel tank cover.
4. Lift the fuel tank.

Lower injectors section

5. Locate and disconnect the four 2 pin connectors of the lower injectors (Fig.1).



Fig.1

6. Plug the Rapid Bike connectors in-line of 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)

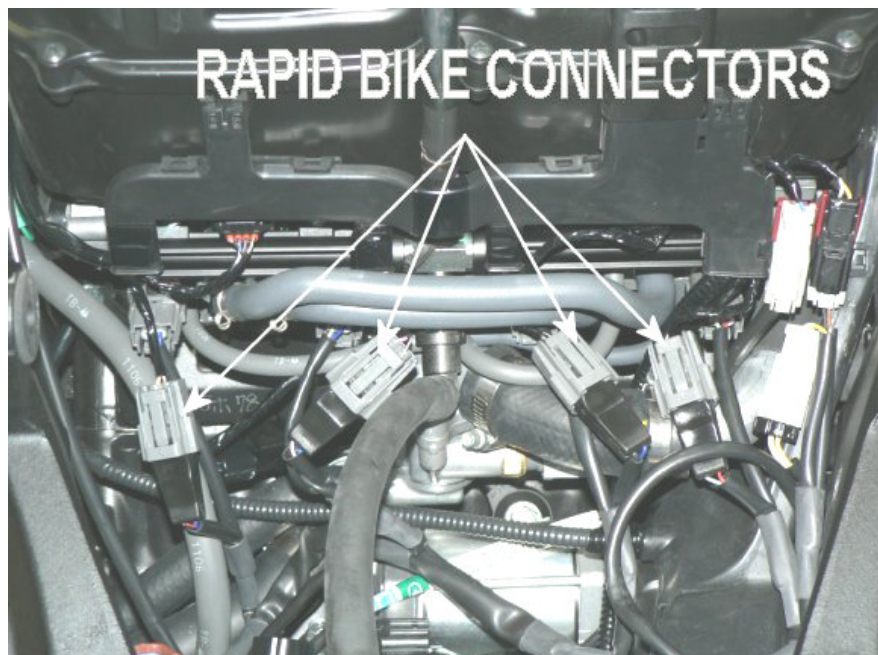
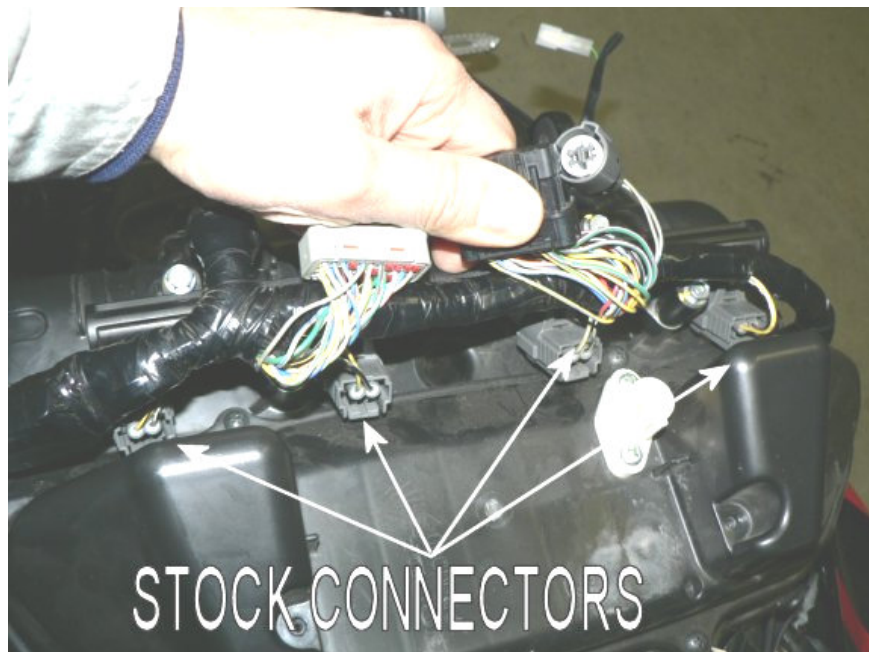


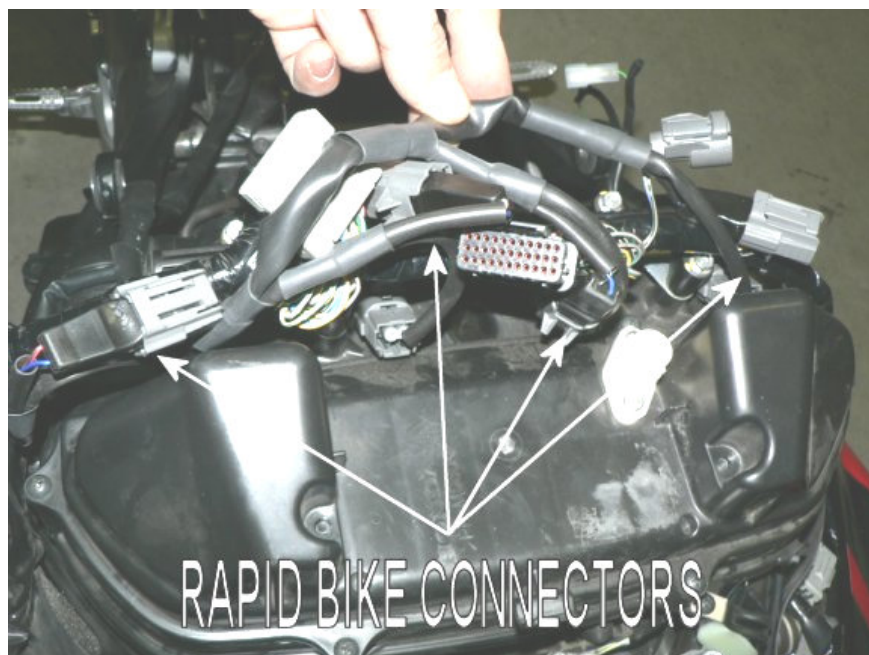
Fig.2

Upper injectors section

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

**Fig.3**

8. 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

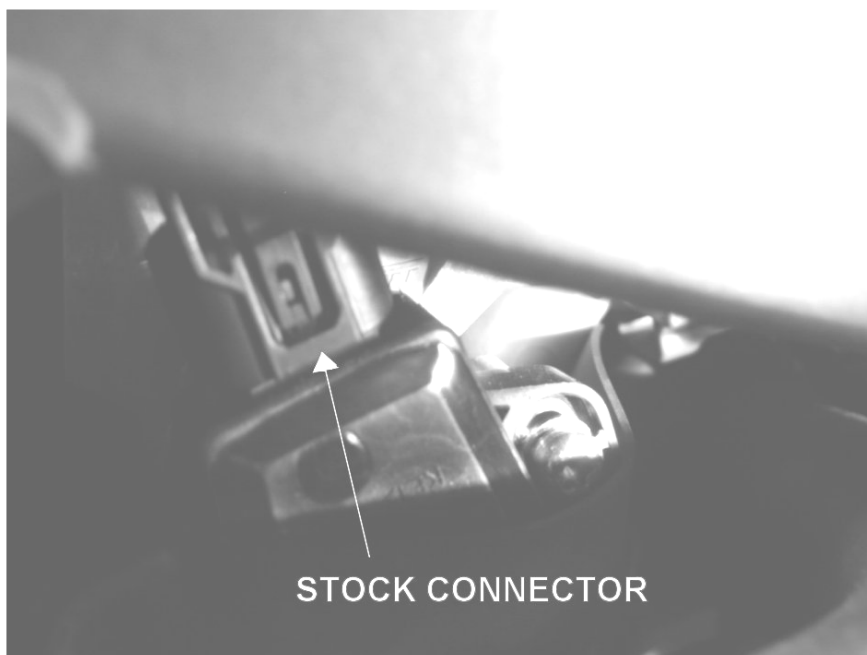
9. Under the tank of the motorbike, locate and disconnect the red 2 pin connectors (Fig.5).

**Fig.5**

10. Connect the Rapid Bike connectors in-line with the stock one.

T.P.S. section

11. Locate and disconnect the 3 pin black connector (Fig.6).

**Fig.6**

12. Connect the Rapid-Bike tap on connector to the red-yellow striped wire (Fig.7).

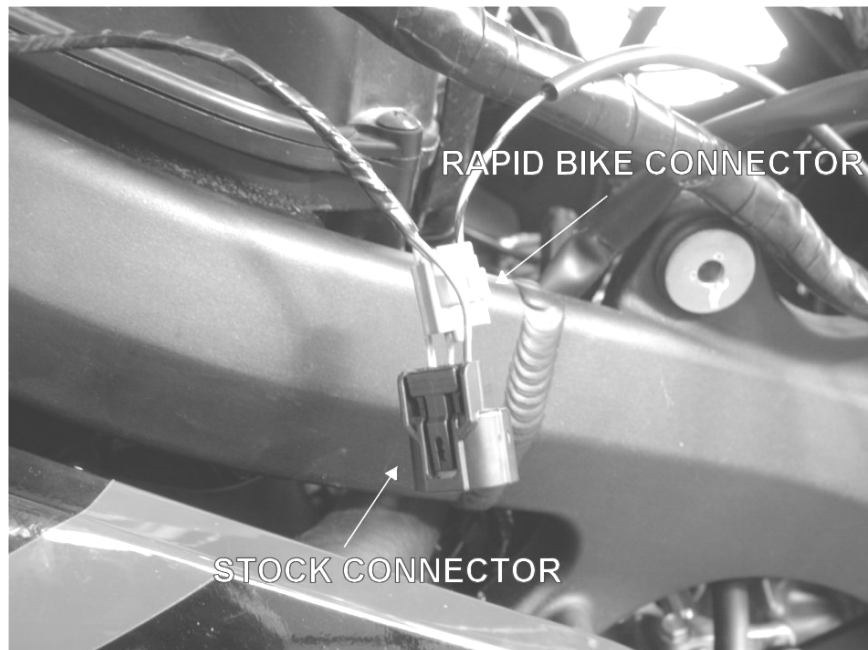


Fig.7

13. Place back the stock connector on the Throttle Position Sensor.

O2 sensor section

14. Locate and disconnect the white 4 pin connectors placed on the left side of the bike near the engine (Fig.8).

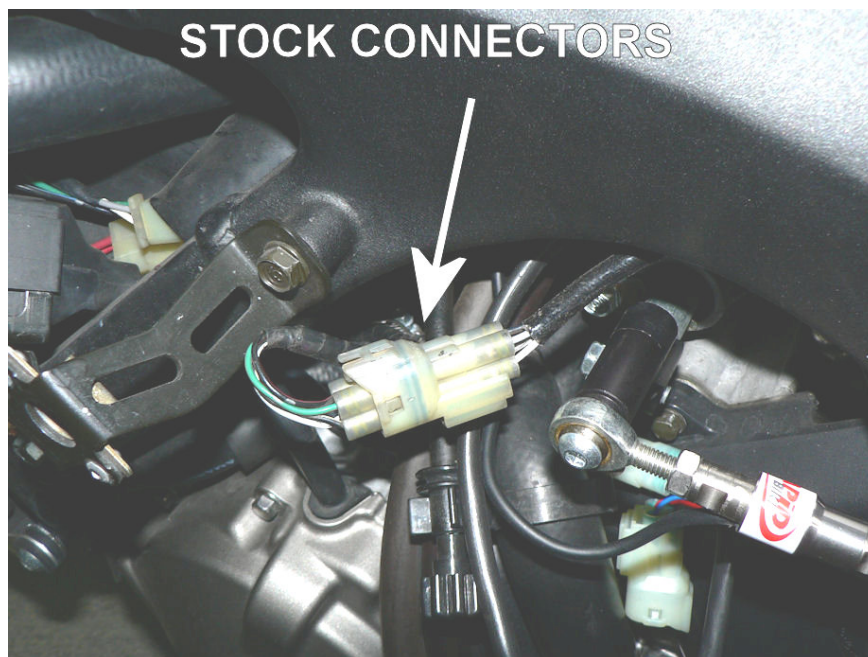


Fig.8

15. Connect the Rapid Bike connectors marked as **o2 sensor 1** in-line with the stock harness (Fig.9).

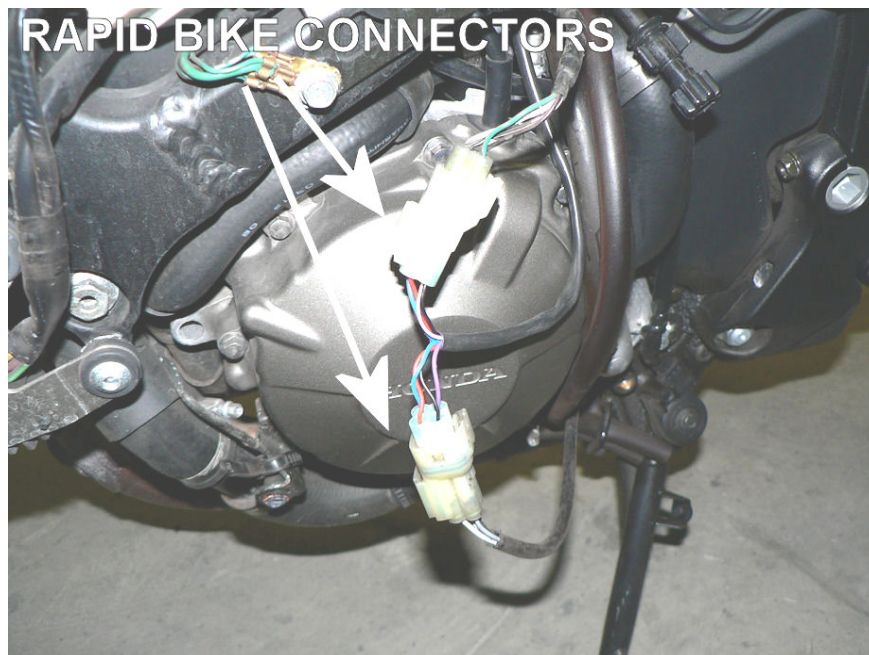


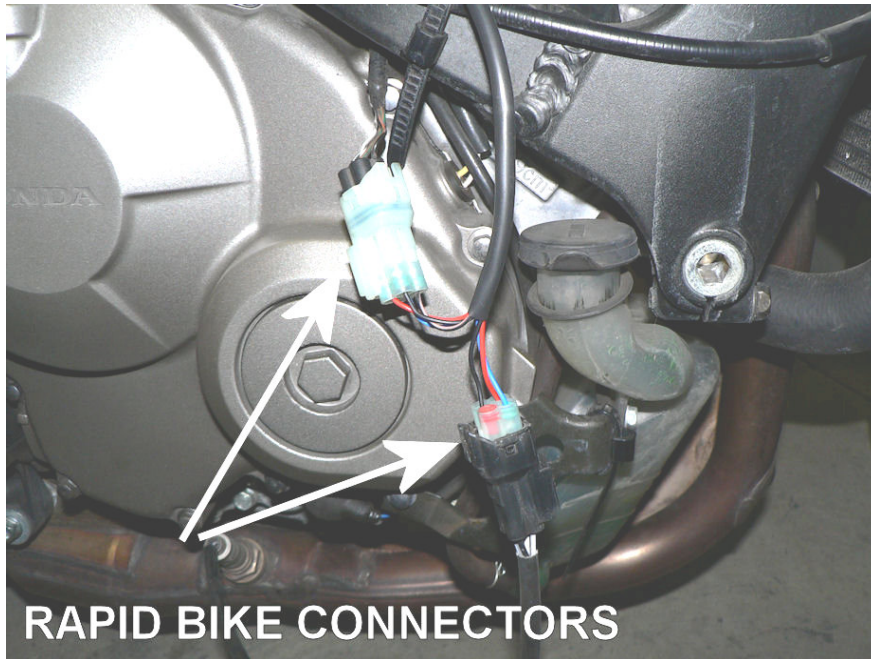
Fig.9

16. Locate and disconnect the black 4 pin connectors placed on the right side of the bike near the engine (Fig.10).



Fig.10

17. Connect the Rapid Bike connectors marked as **O2 sensor 2** in-line of the stock harness (Fig.11).

**Fig.11**

Attention: if the bike is equipped with only one o2 sensor connect the connectors marked as **O2 sensor 1** to this sensor and leave the connectors marked as **O2 sensor 2** disconnected.

Final Section

18. Connect the wiring to RAPID BIKE.
19. Make sure all connectors are properly connected.
20. Fix the add-on module under the glove compartment (Fig.12).

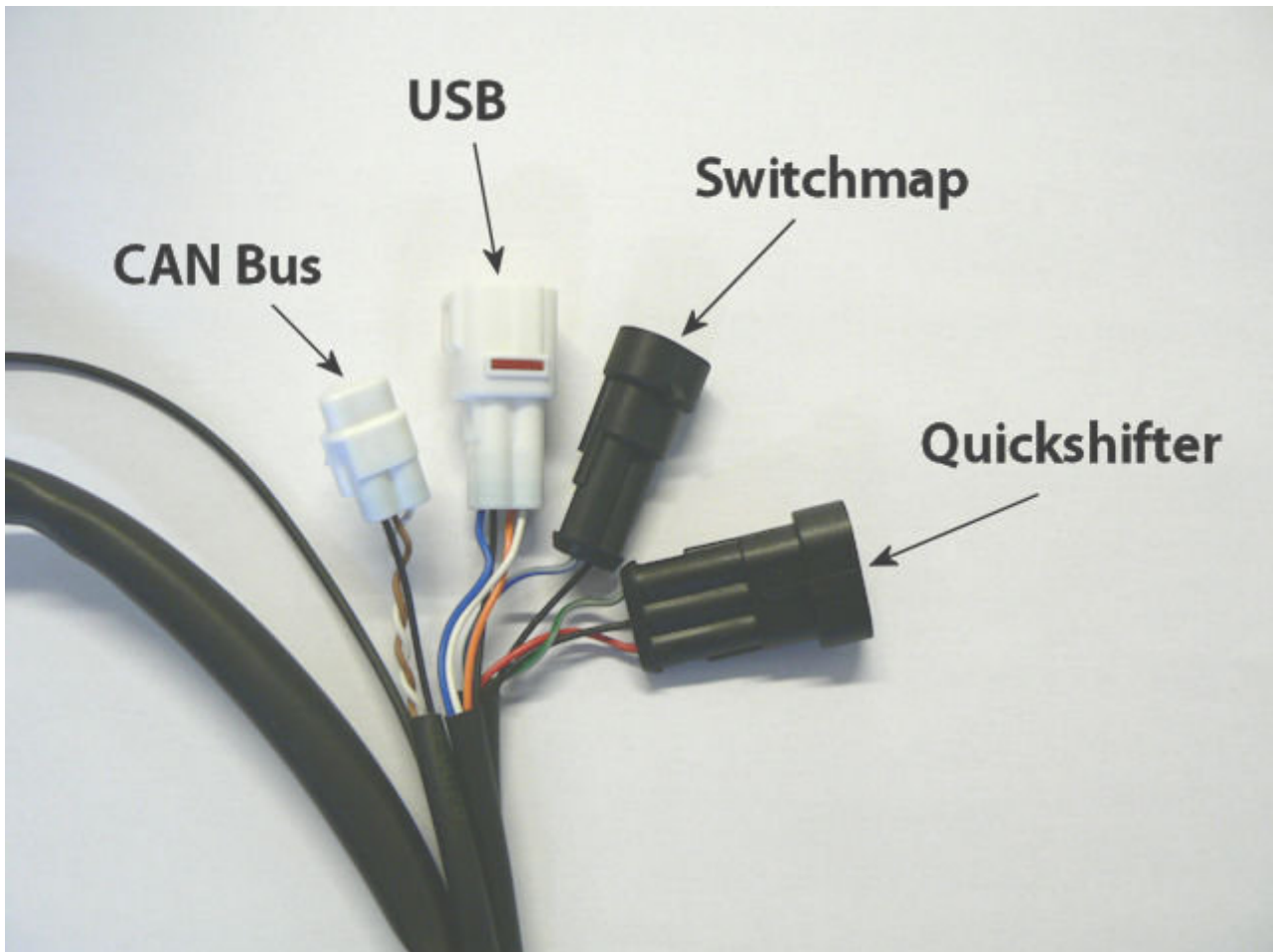
**Fig.12**

21. Place back the tank.
22. Fix the tank lid and intake air pipes protections.
23. Place back 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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