

RAPID
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Honda CBR 1000 RR-R 20-22
Honda CBR 1000 RR-R SP 20-22

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 of the stock injectors and stock wiring harness (**Fig.2**). Follow this order:
 - red/green wire – Injector 1 (first injector on the left)
 - white/black wire – Injector 2
 - blue wire – Injector 3
 - white wire – Injector 4 (last injector on the right)

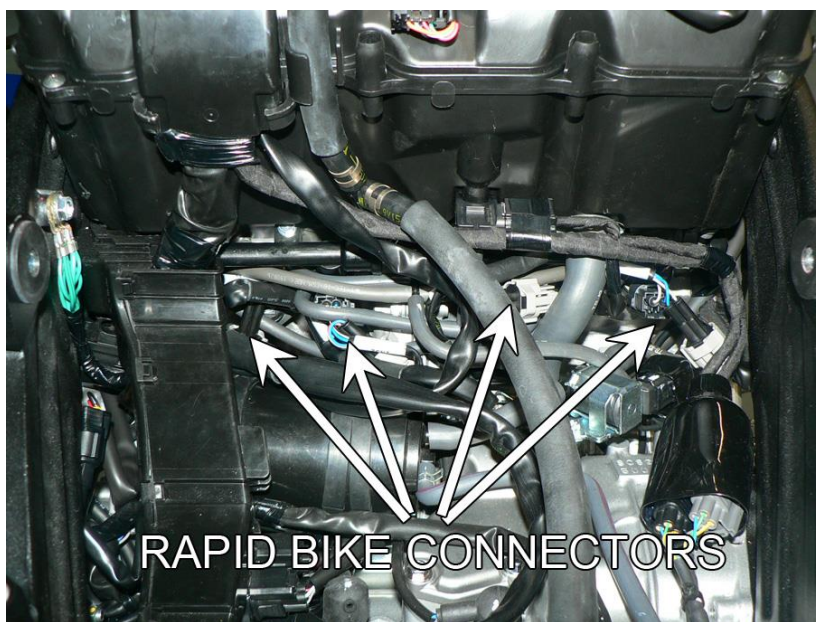
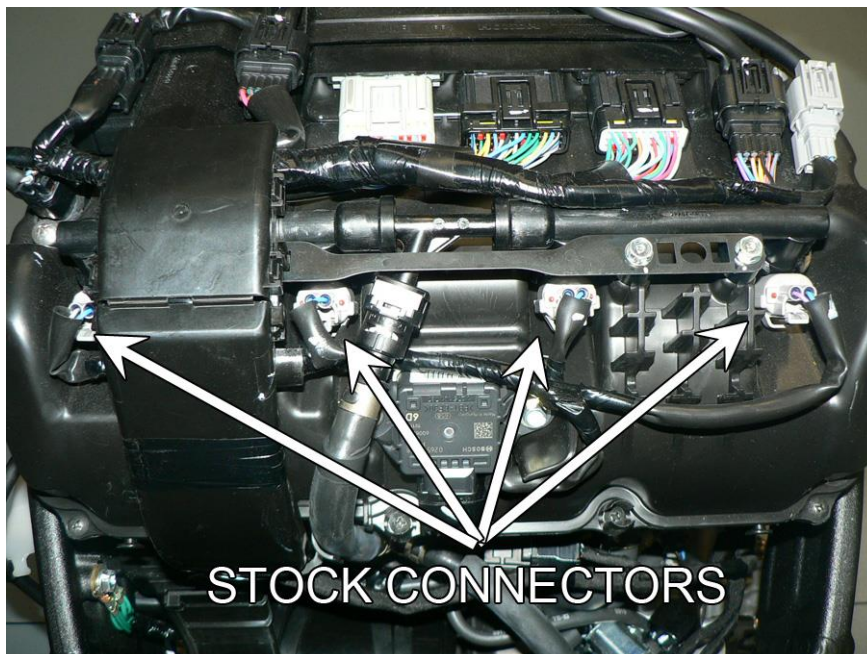


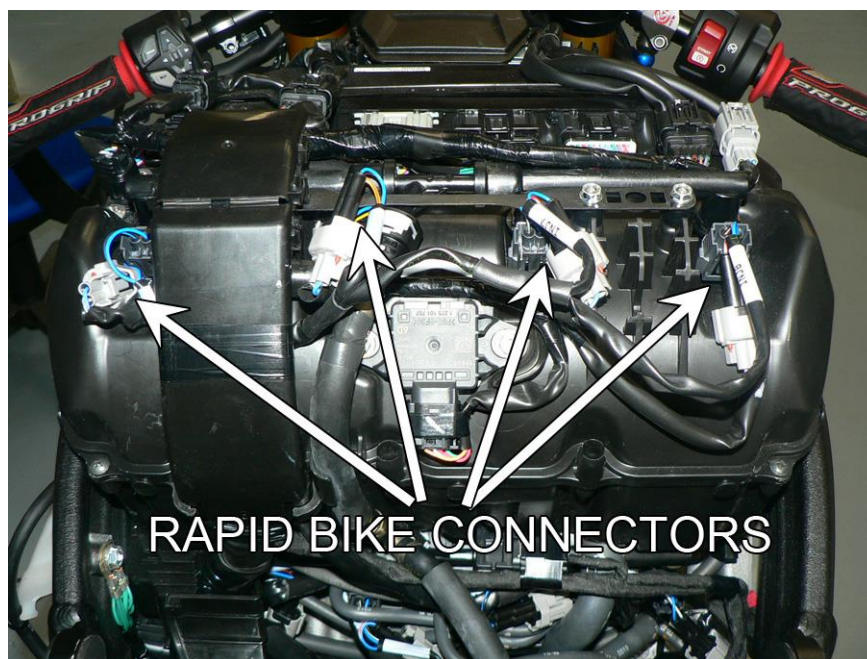
Fig.2

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)

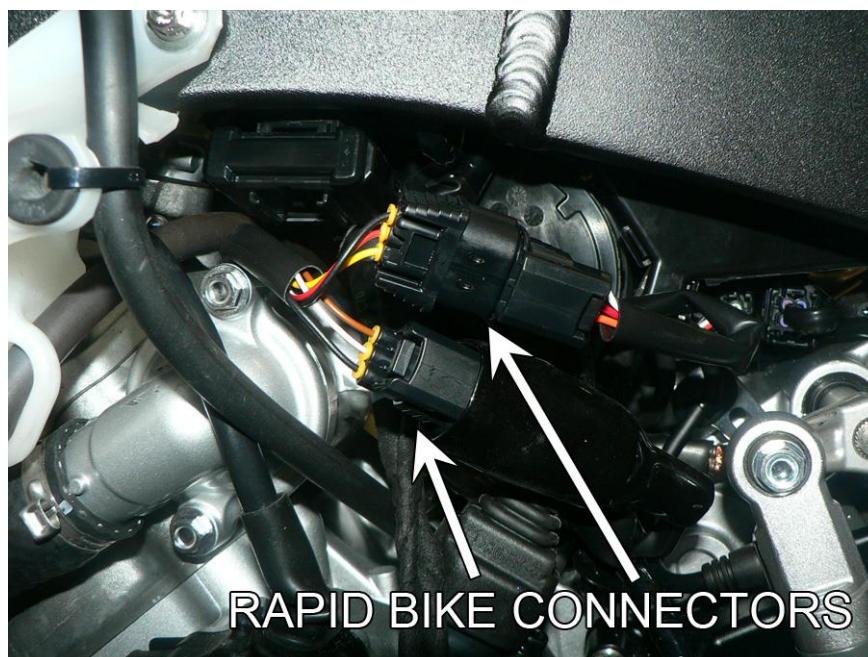
**Fig.4**

Crankshaft sensor section

6. Locate and disconnect the 3-way black connector located on the left side into a rubber boot near the engine shift shaft arm (**Fig.5**).

**Fig.5**

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

**Fig.6**

T.P.S. section

8. Locate the 6-pin black connector, with 4 wires, on the right side of the throttle body (**Fig.7**)

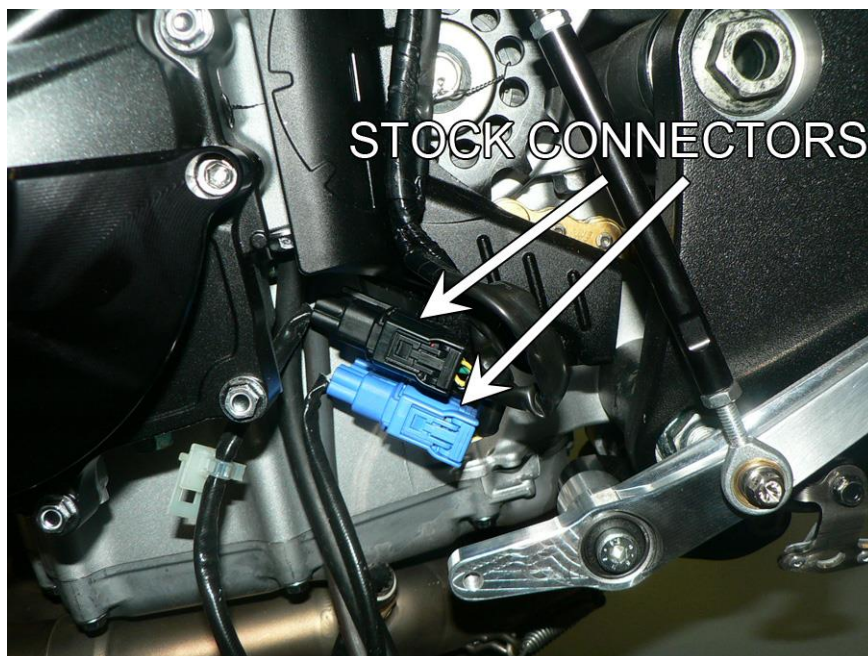
**Fig.7**

9. Connect the green wire from the Rapid Bike wiring to the black wire of the stock connector using the supplied posi-tap connector (**Fig.8**).

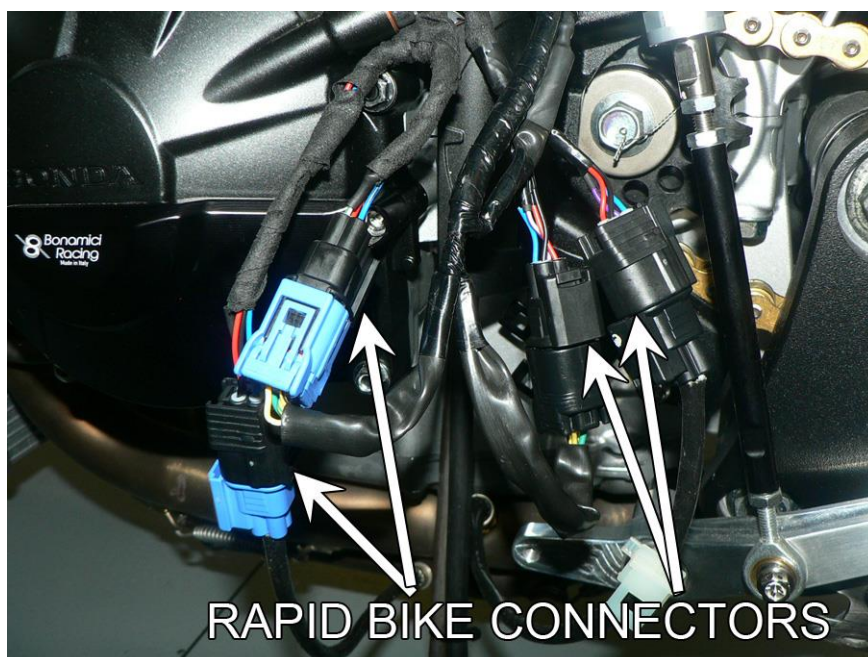
**Fig.8**

O2 sensor section

10. Locate and disconnect the 4-way blue and black connectors placed on the left side of the bike under the sprocket (**Fig.9**).

**Fig.9**

11. Connect the Rapid Bike connectors marked as **O2 SENSOR 1** in-line with the black connectors and the Rapid Bike connectors marked as **O2 SENSOR 2** in-line with the blue connectors (**Fig.10**).

**Fig.10**

Feeding voltage section

12. Connect the eyelet from the Rapid Bike wiring to the negative pole of the battery (Fig.11).



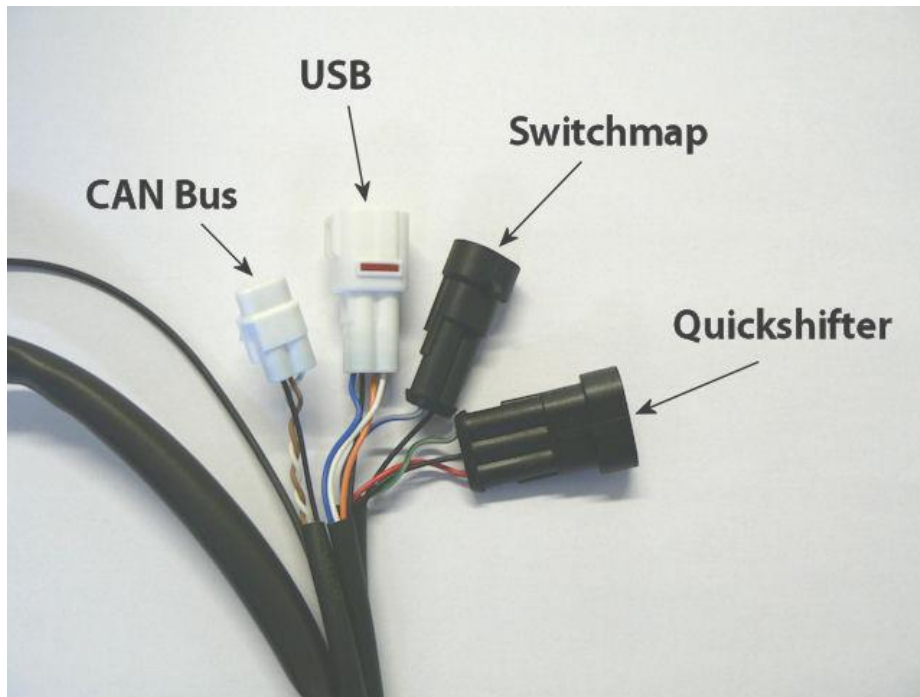
Fig.11

Final section

13. Connect the Rapid Bike module to the wiring.
14. Check the correct connection of all connectors.
15. Place the Rapid Bike module in the glove compartment.
16. Place back the fuel tank and the seats.

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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