

RAPID
BIKERACING

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Kawasaki ZX10R 11-15

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 seats and lift the fuel tank.

Lower injectors section

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



Fig.1

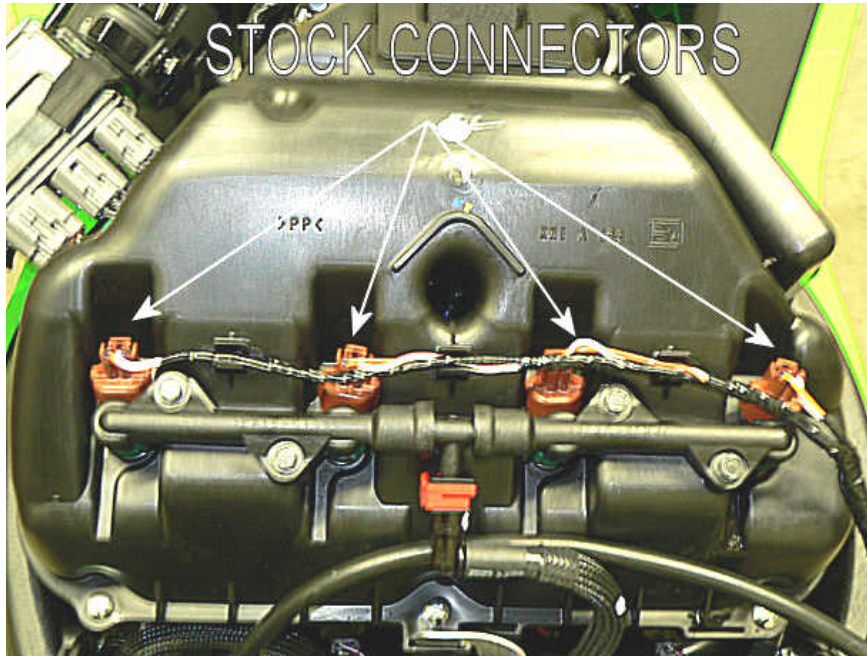
4. Plug the Rapid Bike connectors in-line of the stock injectors and stock wiring harness (Fig.2). Follow this order:
red/green wire – Injector one (first injector on the left)
white/black wire – Injector 2
blue wire – Injector 3
white wire – Injector 4 (last injector on the right)



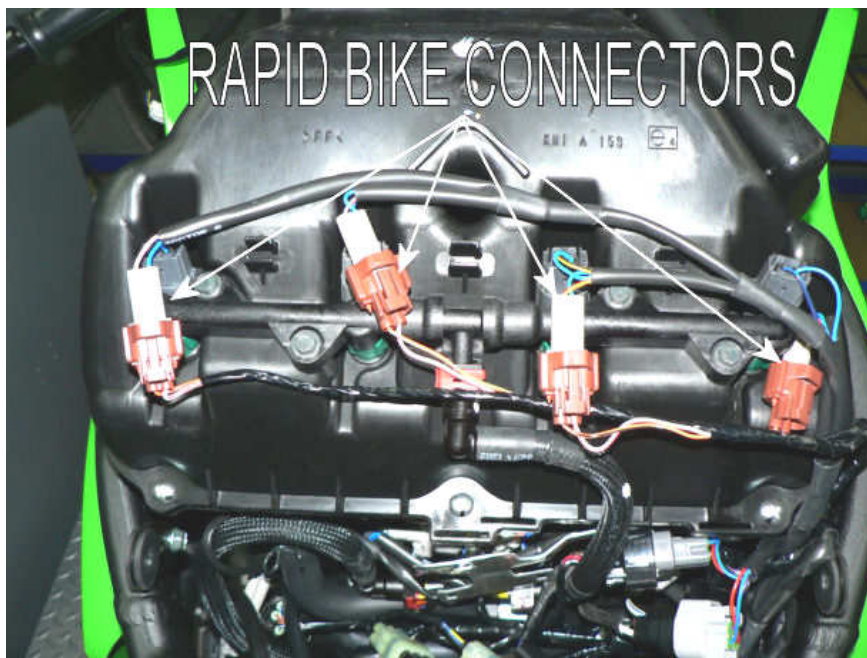
Fig.2

Upper injectors section

5. Locate and disconnect the four 2 pin brown connectors of the upper injectors, placed on top of the air-box (Fig.3).

**Fig.3**

6. 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**

7. Locate and disconnect the black 3 pin connectors under the fuel tank (Fig.5).



Fig.5

8. Connect the black Rapid Bike connectors in-line with the stock harness (Fig.6).



Fig.6

9. Locate and disconnect the black 6 pin connectors under the fuel tank (Fig.7).



Fig.7

10. Connect the black Rapid Bike connectors in-line with the stock harness (Fig.8).



Fig.8

O2 sensor section

11. Locate and disconnect the black 4 pin connector on the right side of the bike under the fuel tank (Fig.9).

**Fig.9**

12. Connect the Rapid Bike connectors, marked as **Sensor 1**, in-line with the stock harness (Fig.10)

**Fig.10**

Gear position sensor section

13. Locate and disconnect the 6 pin grey connector under the fuel tank (Fig.11).

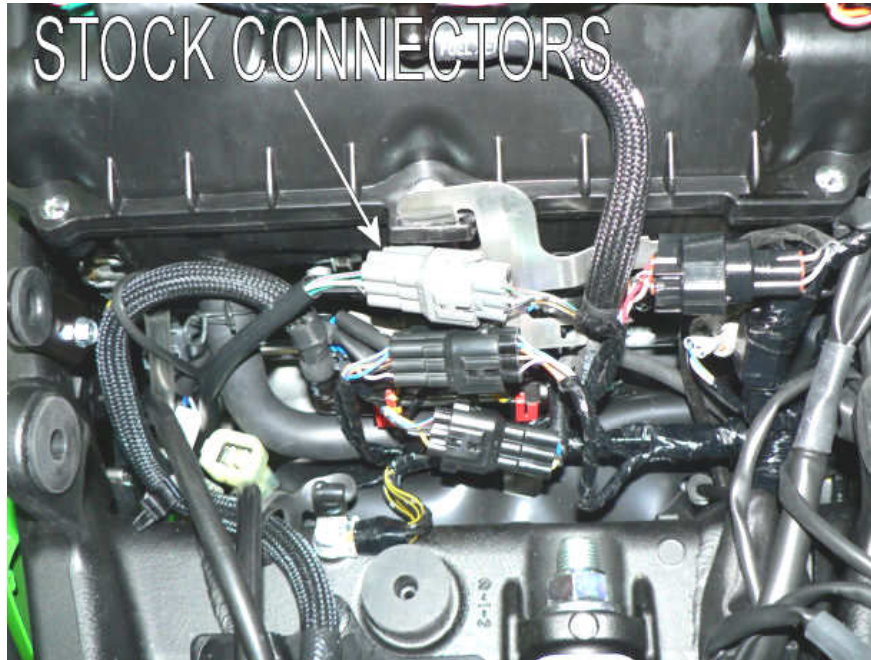


Fig.11

14. Connect the Rapid Bike white connectors in-line with the stock wiring harness (Fig.12).

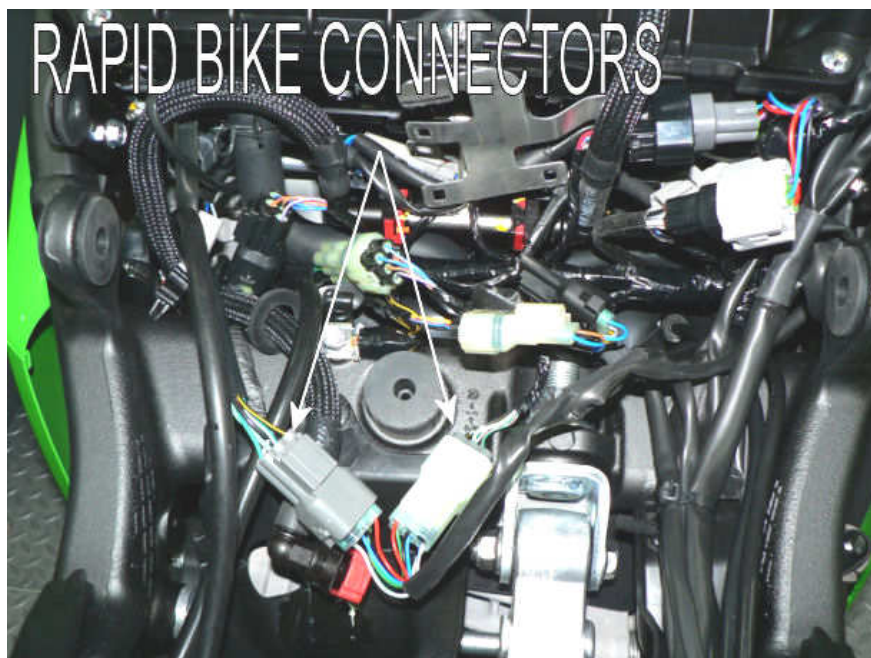
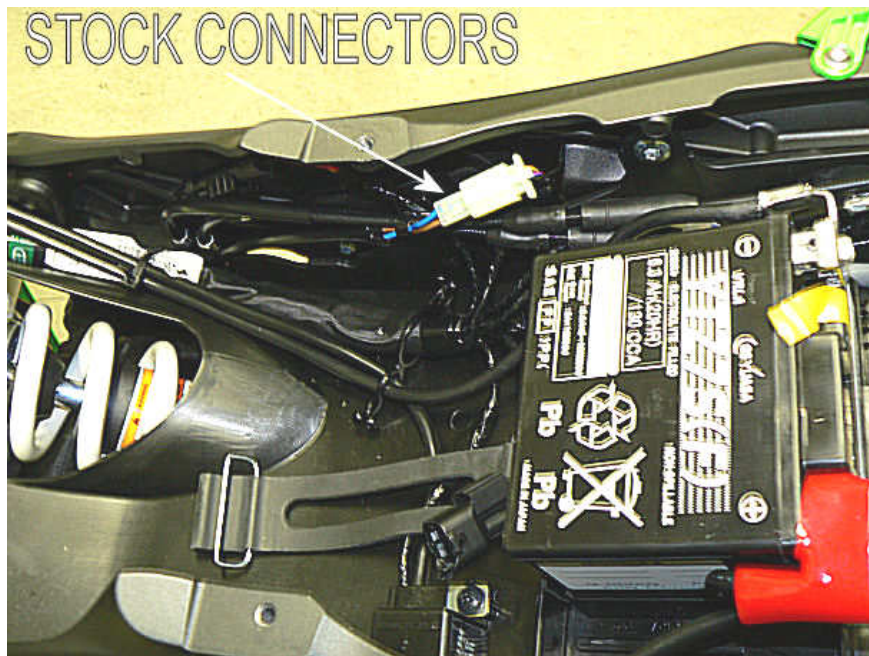


Fig.12

Feeding voltage section

15. Locate and disconnect the white two way connectors on the right side of the bike (Fig.13)

**Fig.13**

16. Connect the white Rapid Bike connectors in-line with the stock connectors (Fig.14)

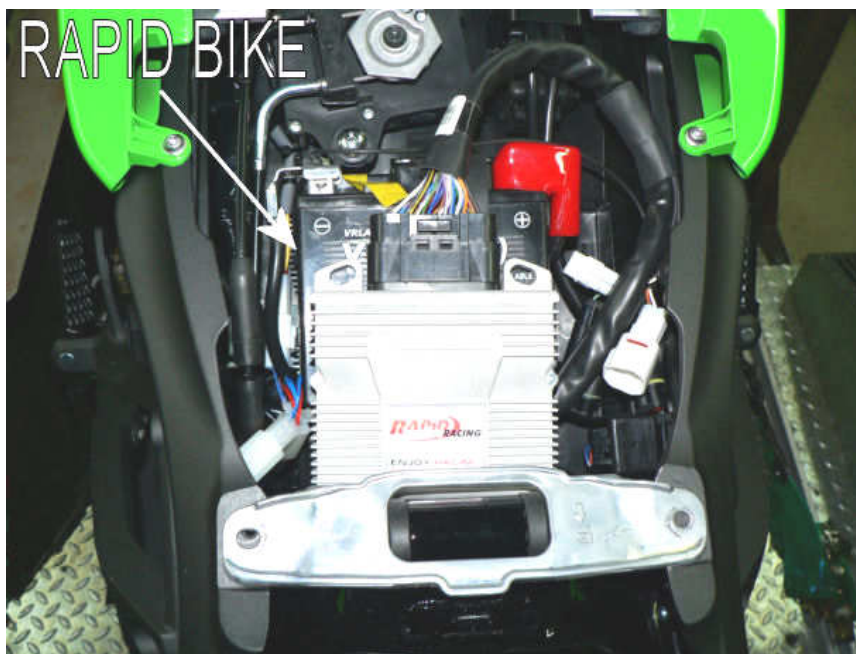
**Fig.14**

17. Connect the eyelet from the Rapid Bike wiring to the negative pole of the battery (Fig.15).

**Fig.15**

Final section

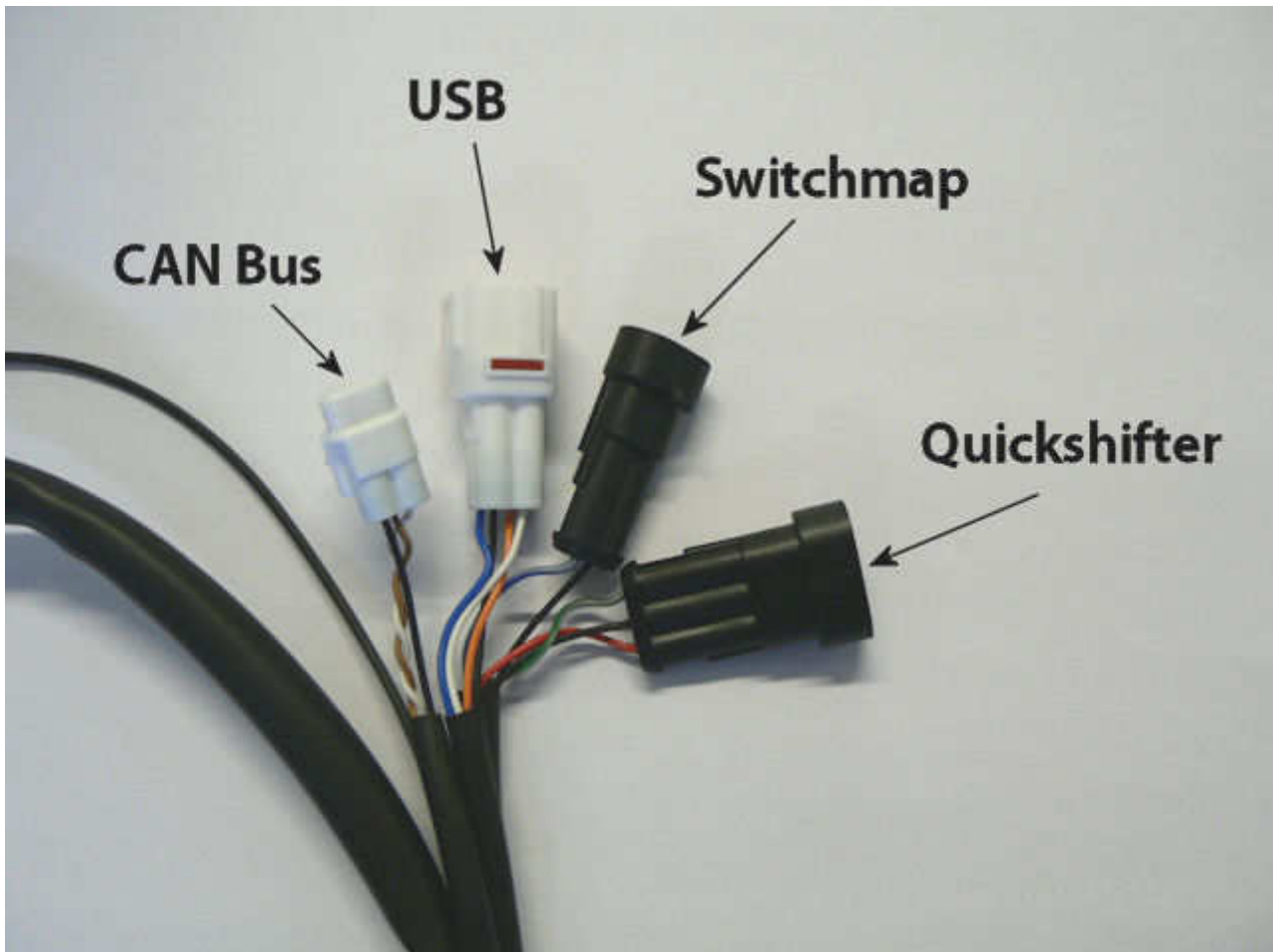
18. Connect the Rapid Bike wiring harness to the Rapid Bike module.
19. Check the correct connection of all connectors.
20. Fix the module under the main seat using the provided Velcro (Fig.16).
21. Place back the fuel tank and the seats.

**Fig.16**

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)



Notes:

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