

RAPID **BIKEEVO**

Suzuki V-Strom 650 04-16

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 ignition.
2. Remove the seat and the fuel tank.

Injection section

3. Locate and disconnect the 2 pin grey and brown connectors under the airbox (Fig.1).

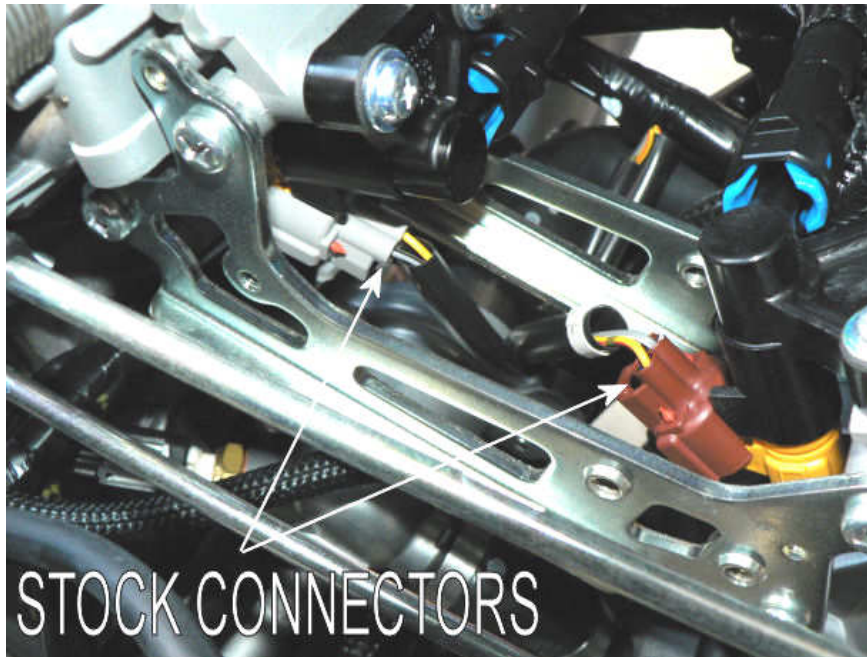


Fig.1

4. Connect the Rapid Bike connectors in-line with the stock connectors (Fig.2). Follow this order: red/green wire – brown injector connector (Injector 1) black/white wire – grey injector connector (Injector 2)

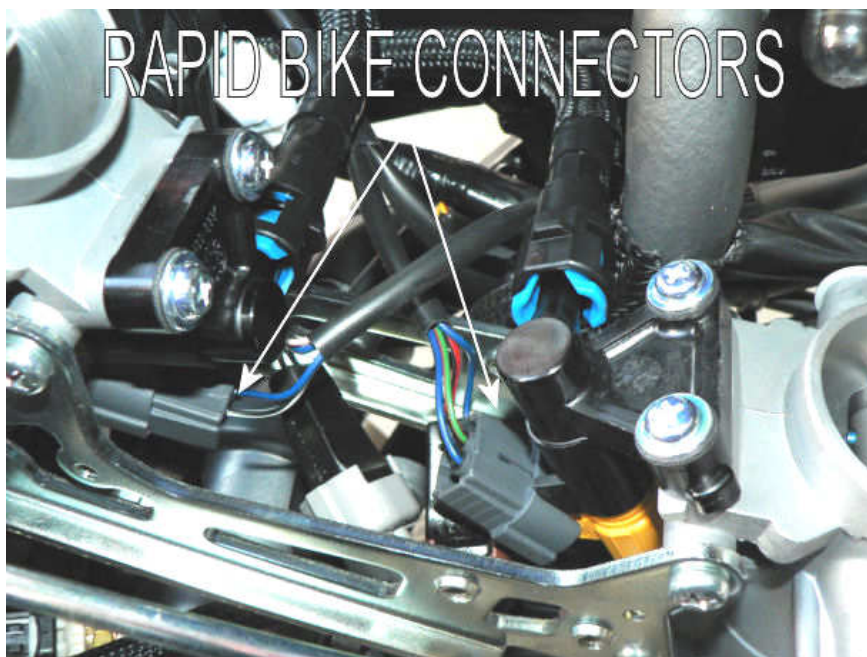


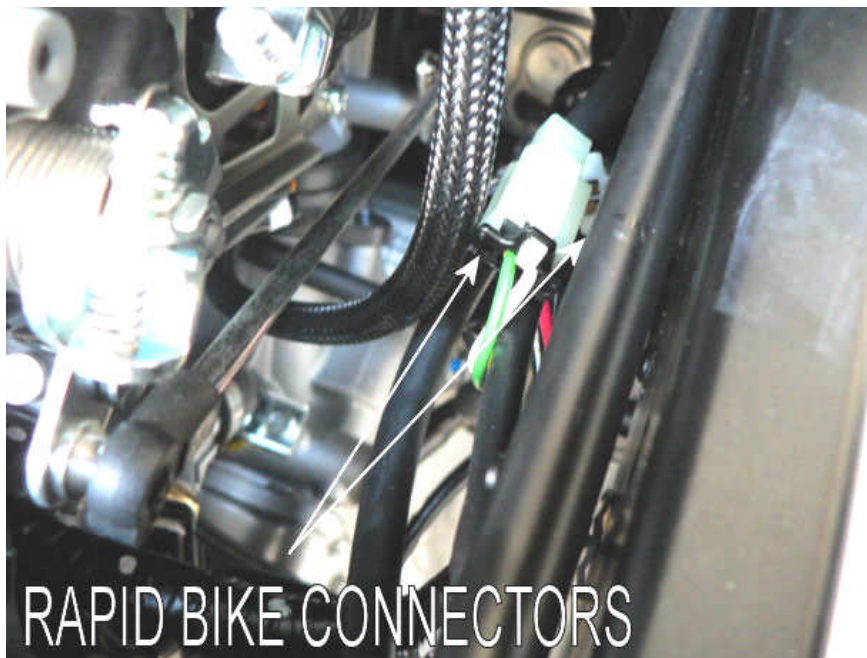
Fig.2

Crankshaft sensor section

5. Locate and disconnect the 2 pin black connector on the right hand side of the bike (Fig.3).

**Fig.3**

6. Connect the Rapid Bike connectors in-line with the stock connectors (Fig.4).

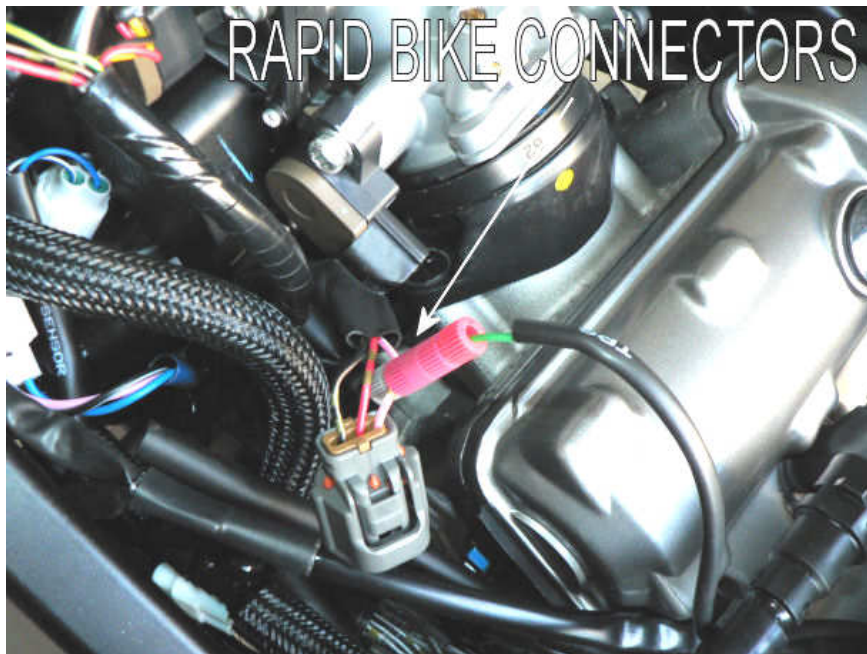
**Fig.4**

T.P.S. section

7. Locate and disconnect the 3 pin grey connector on the right side of the throttle body (Fig.5).

**Fig.5**

8. Connect the green wire coming from the Rapid Bike harness to the pink/black wire on the T.P.S. connector (Fig.6)

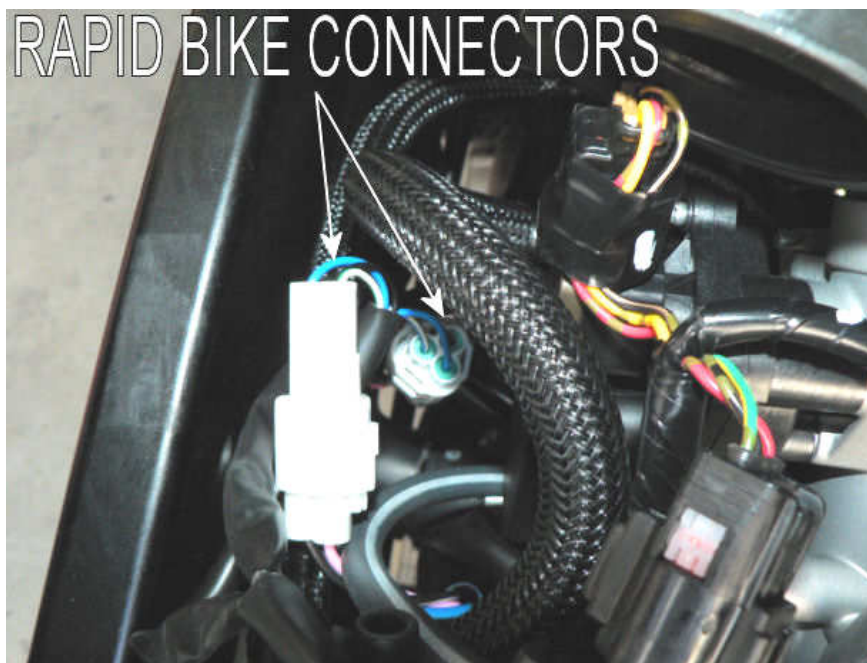
**Fig.6**

Gear position sensor section

9. Locate and disconnect the 3 pin white connector under the fuel tank on the left side of the bike (Fig.7)

**Fig.7**

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

**Fig.8**

11. Locate and disconnect the 4 pin black connector under the fuel tank (Fig.9)

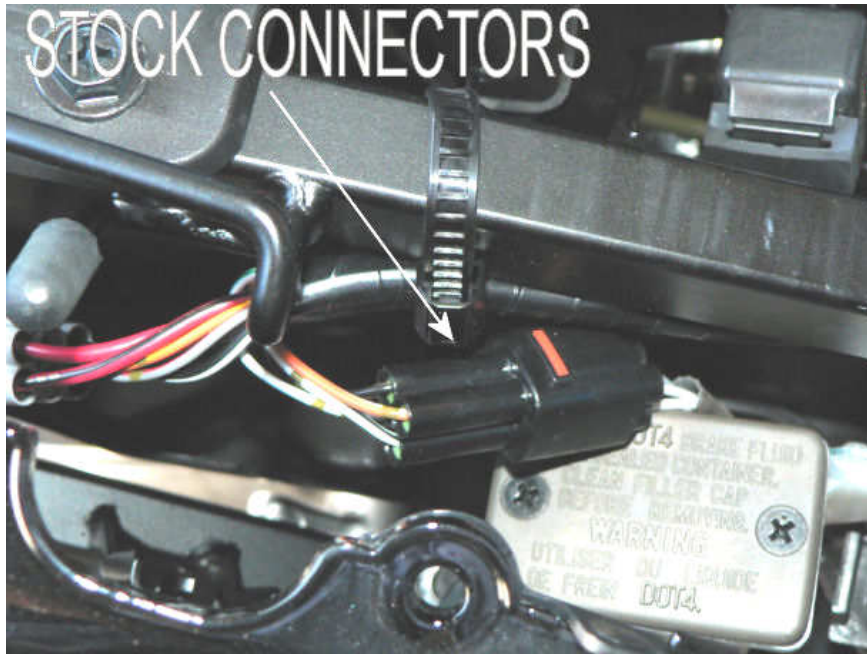


Fig.9

12. Connect the Rapid Bike wiring in-line with the stock wiring harness (Fig.10).

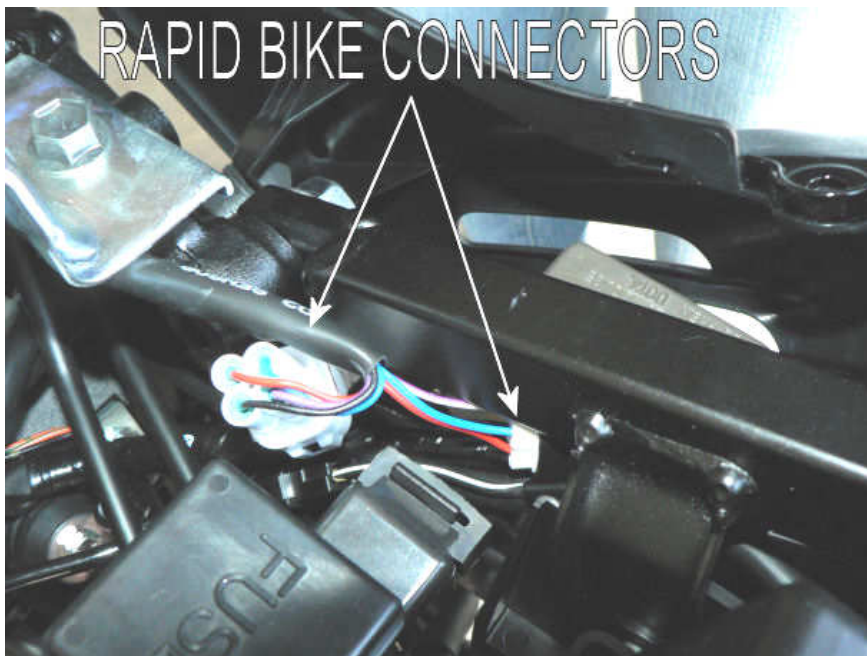


Fig.10

WARNING: for MY 2007-2010 use the provided adapter for the O2 sensor connection.

Feeding voltage section

13. Locate and disconnect the 2 pin white connector under the radiator reserve tank (Fig.11)

**Fig.11**

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

**Fig.12**

15. Connect the eyelet coming from the Rapid Bike wiring to the negative pole of the battery (Fig.13).

**Fig.13**

Final section

16. Connect the Rapid Bike module to its connector.
17. Check the proper connection of all connectors.
18. Fix the module in the glovecompartment of the bike using the provided Velcro (Fig.14).

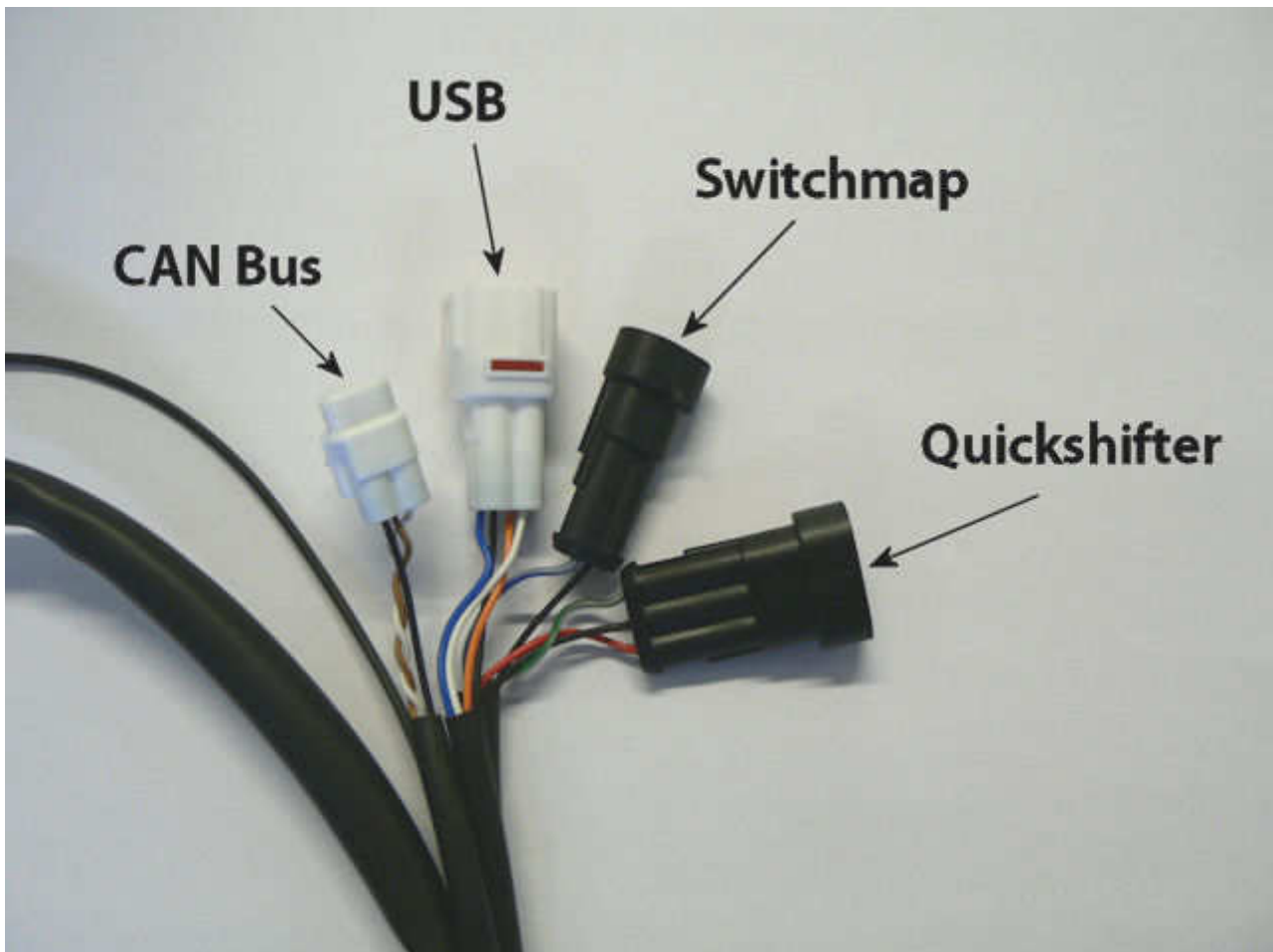
**Fig.14**

19. Place back the fuel tank.
20. 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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