RAPID BIKE RACING

RAPID BIKE EVO

KTM 690 Duke 07-09 / 12-15 – Duke R 10-15
KTM Duke 690 / R 16-19
KTM 690 Enduro / R 09-11 – SMC / Enduro R 12-18
KTM 690 Supermoto / SMC 07-12
Suzuki LTZ 400 09-13

INSTALLATION INSTRUCTIONS

MOTORBIKES

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.
3. Remove the fuel tank.

Injection / Feeding voltage section

4. Locate and disconnect the black 2 pin connector placed under the fuel tank (**Fig.1**).

Fig.1

5. Connect the Rapid Bike connectors in-line with the stock wiring (**Fig.2**).

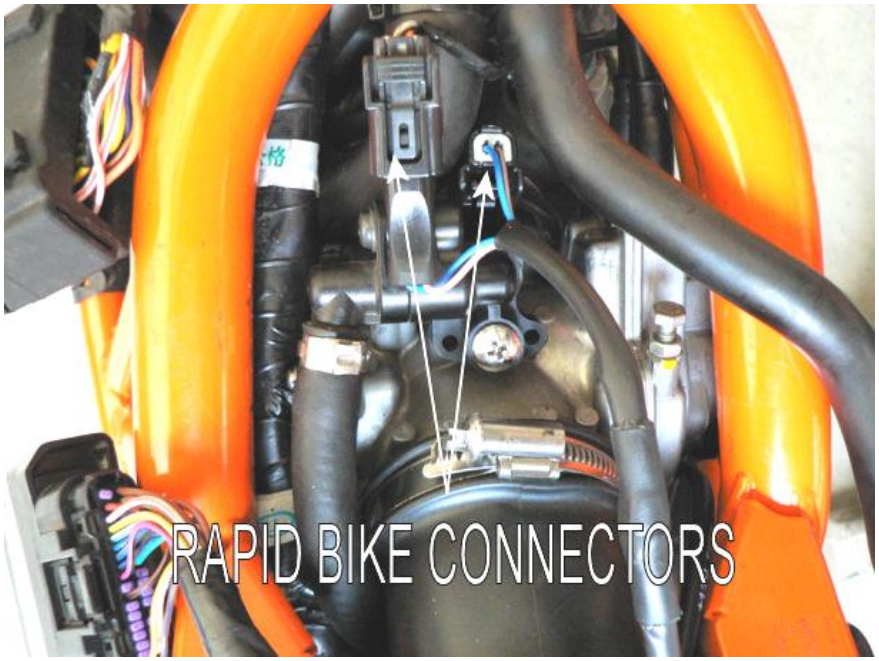


Fig.2

On some bikes the polarity of the injector may be reversed compared to the Rapid Bike wiring and so the engine will not start: in order to avoid the problem install the provided adapter between the stock wiring and the Rapid Bike wiring.

T.P.S. Section Engine 690 cc.

6. Locate the black 6 pin connector placed on the left side (**Fig.3**).

Fig.3

7. Connect the green wire coming from the Rapid Bike wiring to the orange wire with white stripe of the stock connector (the fourth starting from the bottom) using the provided posi-tap connector (**Fig.4**).

Fig.4

8. Locate and disconnect the black 3 pin connector placed under the fuel tank (**Fig.5**).

Fig.5

9. Connect the green wire coming from the Rapid Bike wiring to the yellow wire using the provided posi-tap connector (**Fig.6**).

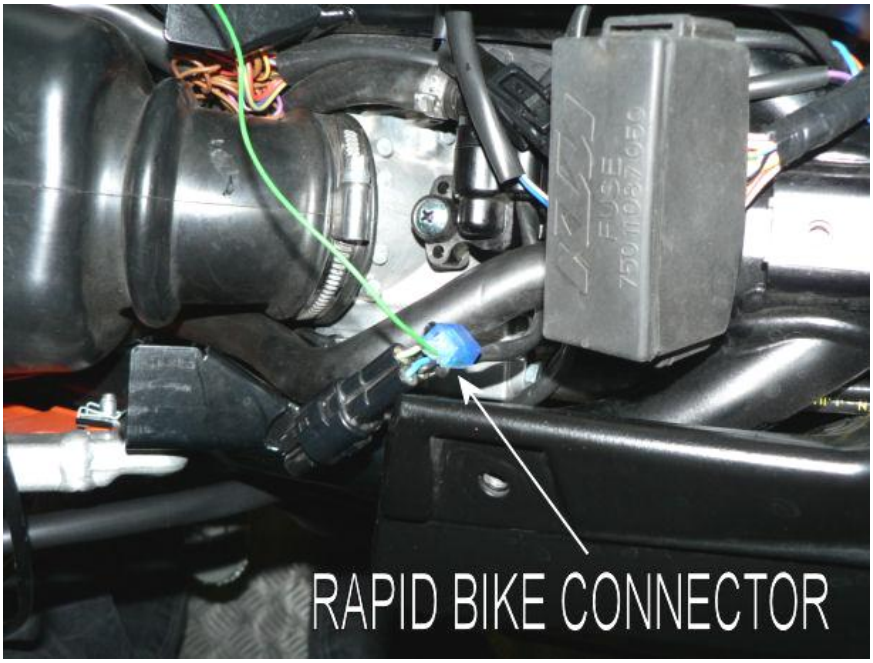


Fig.6

10. Locate and disconnect the 3 pin blue connector placed on the right side of the bike (**Fig.7**).

Fig.7

11. Connect the green wire coming from the Rapid Bike wiring to the white wire with the green trace, placed in central position of the stock connector, using the provided posi-tap connector (**Fig.8**)

Fig.8

12. Locate and disconnect the white 2 pin connectors placed on the left side of the bike (**Fig.9**).

Fig.9

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

Fig.10

14. Locate and disconnect the white/black 4 pin connectors placed on the right side under the fuel tank (**Fig.11**).

Fig.11

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

Fig.12

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

Fig.13

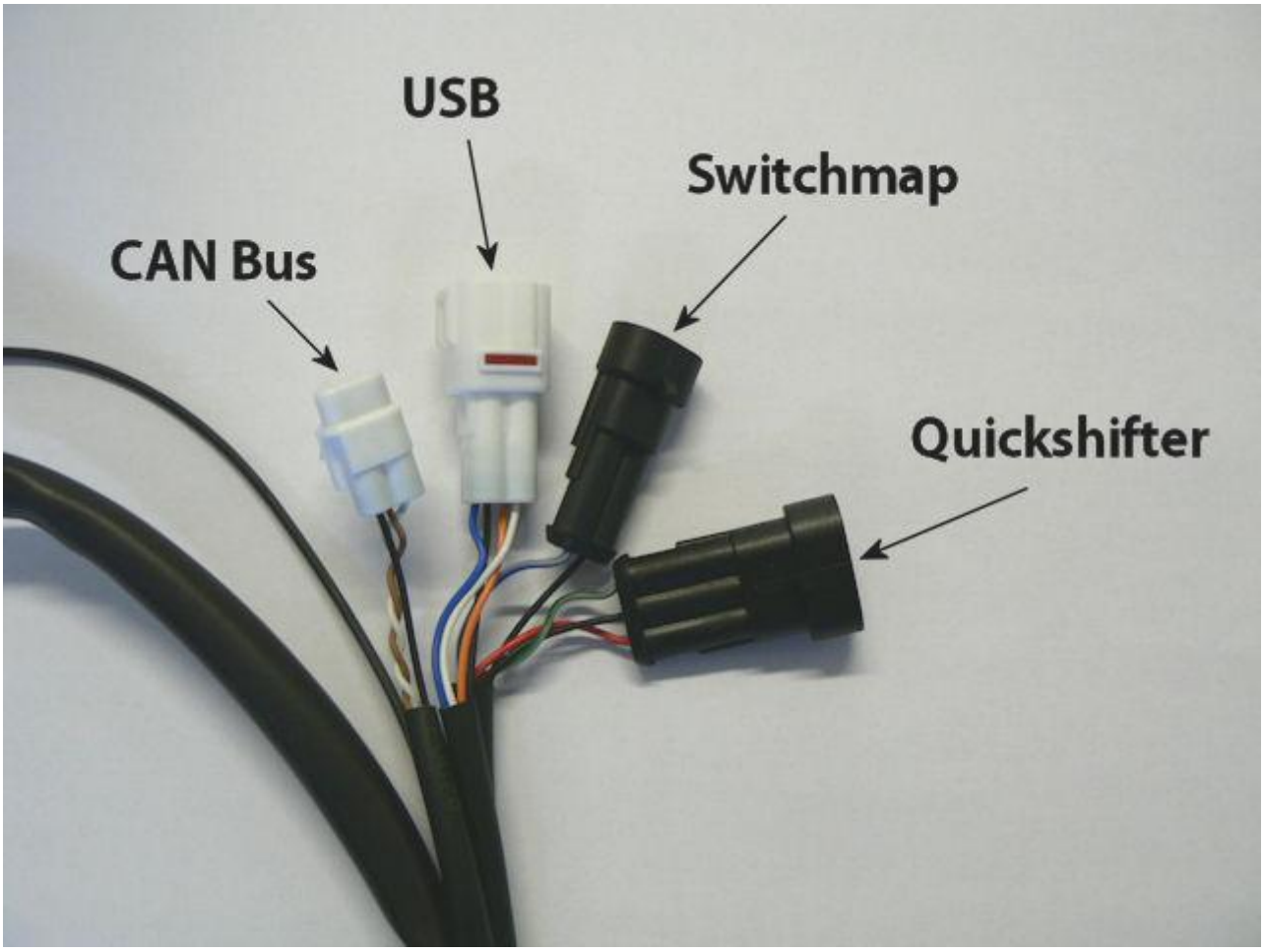
17. Connect the Rapid Bike module to the main connector.
18. Check the proper connection of all connectors.
19. Fix the module with some plastic ties in the gloves compartment (**Fig.14**).

Fig.14

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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