

RAPID
BIKERACING

RAPID
BIKEEVO

KTM 790 Duke / Adventure 18-20
KTM 890 Duke / Adventure / R 20-22
HUSQVARNA Norden 901 22

INSTALLING 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 the seat and the fuel tank

Injection / Feeding voltage section

3. Locate and disconnect the two grey 2 pin connectors of the injectors (**Fig.1**).

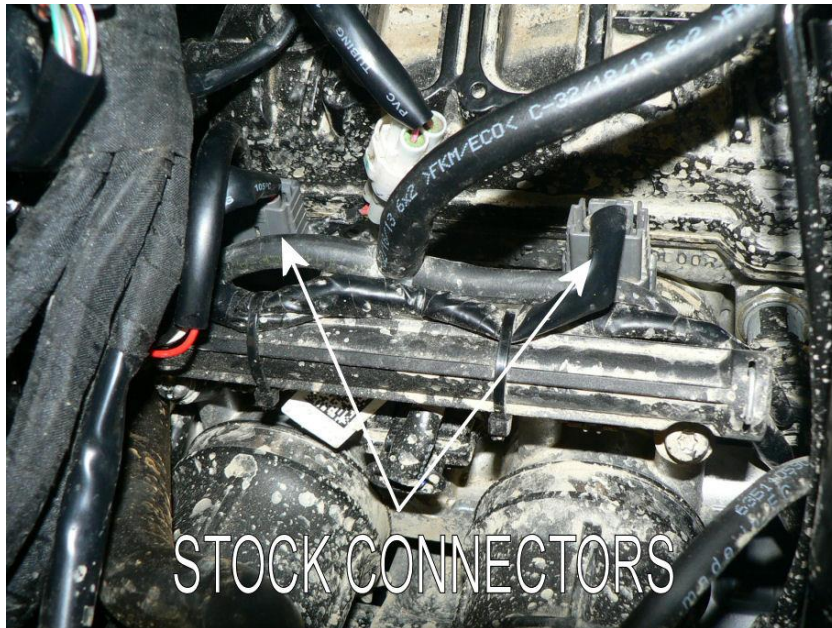


Fig.1

4. Connect the Rapid Bike connectors marked as **INJECTOR 1** in-line of the stock wiring of the left injector.
Connect the Rapid Bike connectors marked as **INJECTOR 2** in-line of the stock wiring of the right injector (**Fig.2**).



Fig.2

Crankshaft sensor section

5. Locate and disconnect the blue 2 pin connector placed on top of engine's head (Fig.3).

**Fig.3**

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

**Fig.4**

7. Locate the black 6 pin connector placed on the left side (**Fig.5**).



Fig. 5

8. Connect the green wire coming from the Rapid Bike wiring to the yellow wire with a red stripe of the stock connector using the provided posi-tap (**Fig.6**).

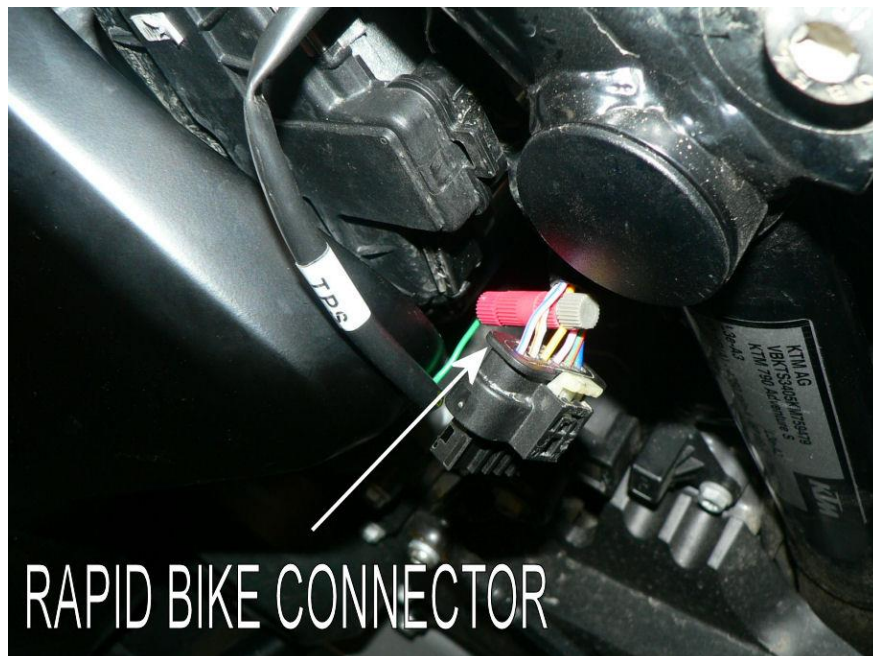
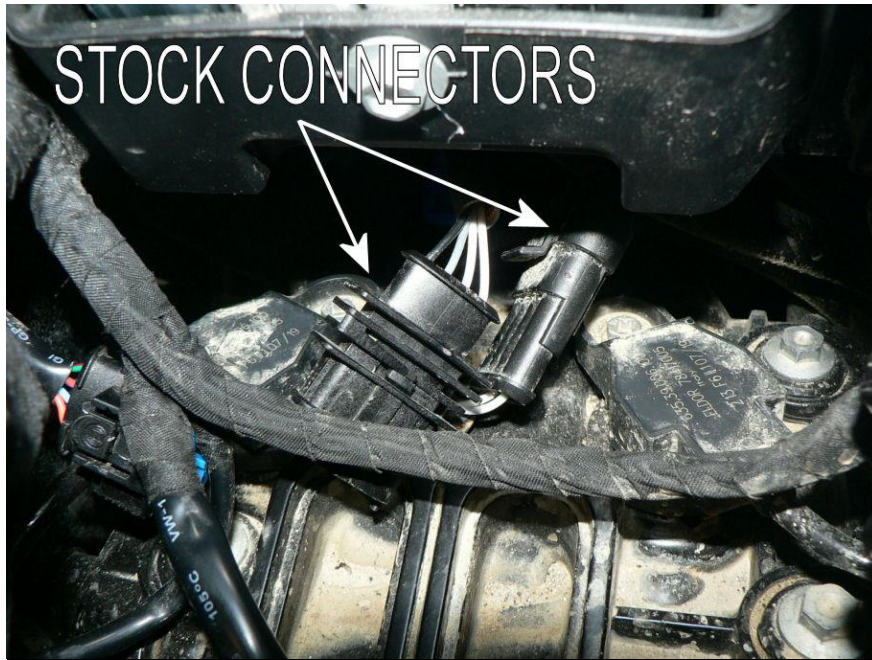


Fig.6

O2 sensor section

9. Locate and disconnect the two black 4 pin connectors of O2 sensors, placed under the fuel tank (connectors are of two different type) (**Fig.7**).

**Fig.7**

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

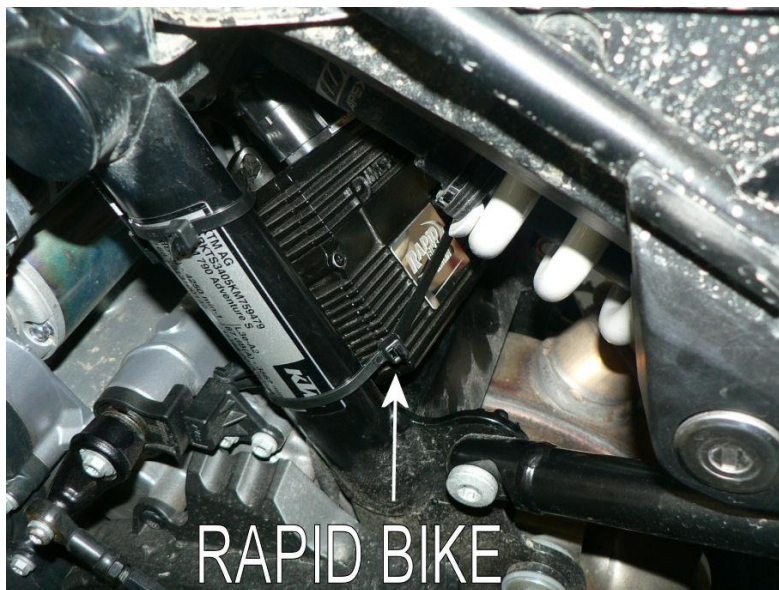
**Fig.8**

Final section

11. Connect the eyelet of the Rapid Bike wiring to the negative side of the battery (Fig.9).

**Fig.9**

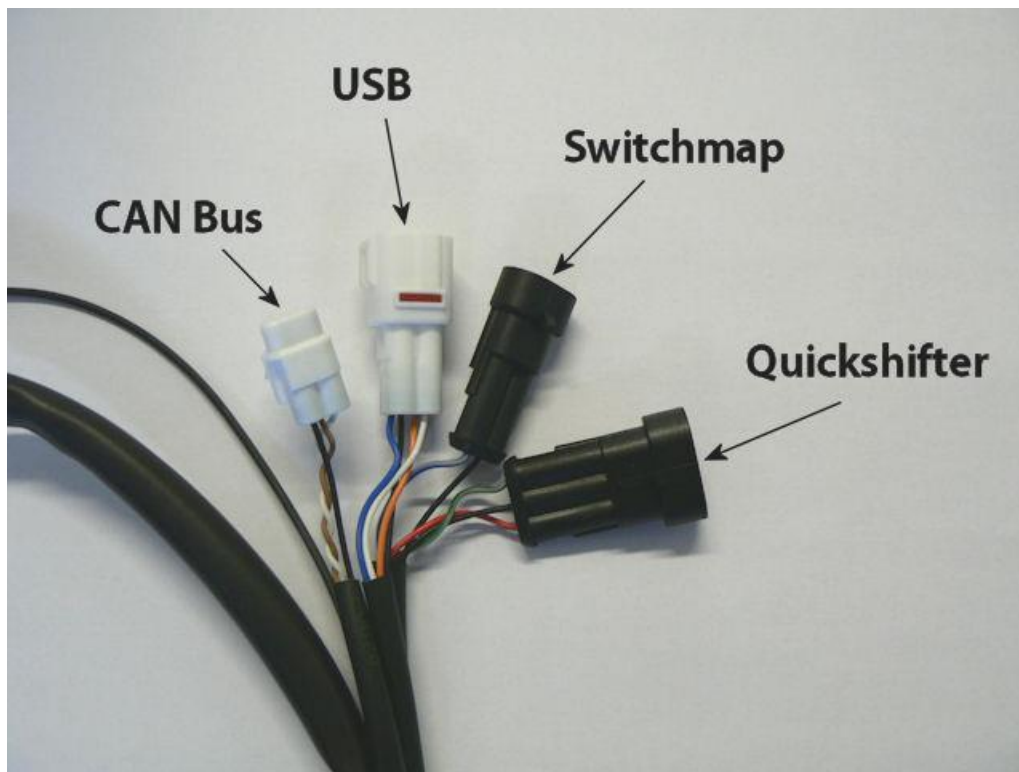
12. Connect the Rapid Bike module to the wiring harness.
13. Check the correct connection of all connectors.
14. **Duke / Adventure:** Place the module under the shock absorber (Fig.10).
Adventure R and Husqvarna: Place the module under the seat.

**Fig.10**

15. Place back the fuel tank and the seat.

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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