

RAPID
BIKERACING

RAPID
BIKEEVO

KTM 790 - 890 Euro 4 & 5+
HUSQVARNA 901 Euro 5+

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**).

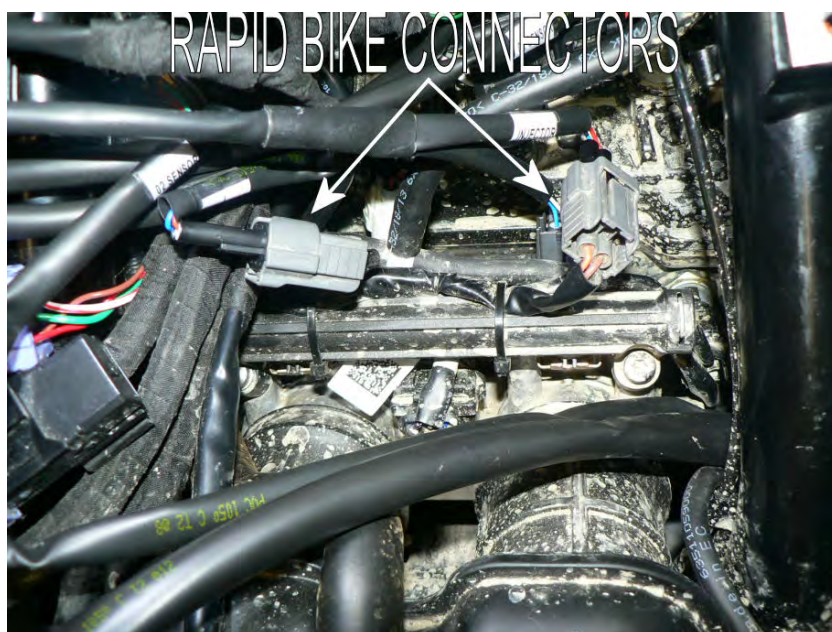


Fig.2

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 marked as **CRANK SENSOR** 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. Using the provided posi-tap, connect the green wire coming from the Rapid Bike wiring to the **yellow wire with a red stripe** of the stock connector (**Fig.6**).

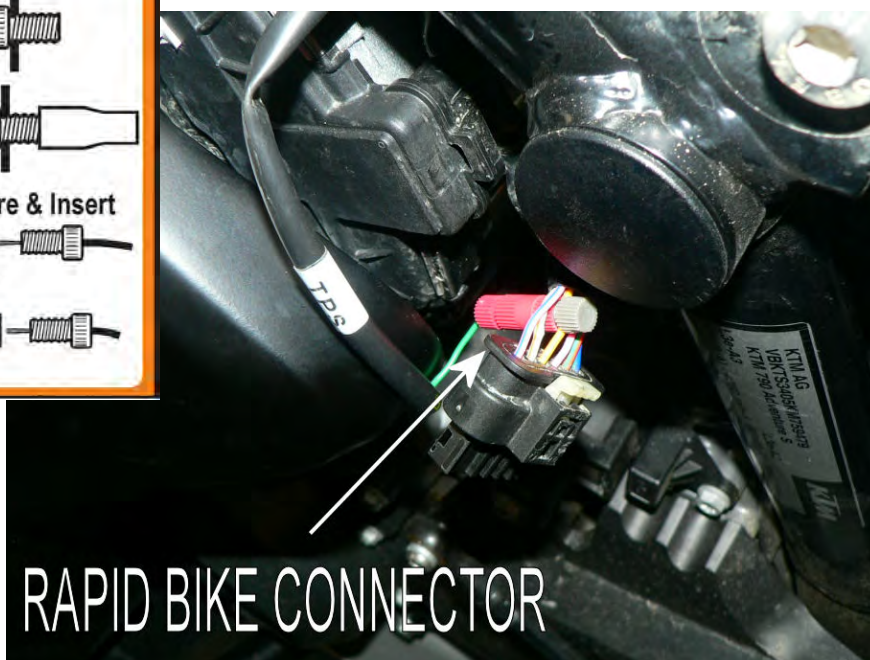
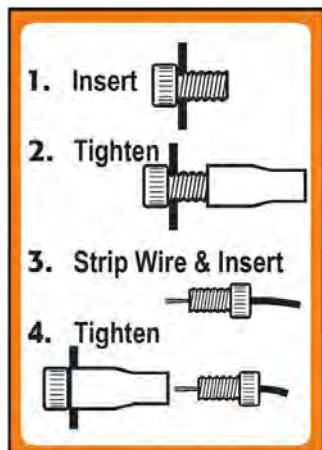
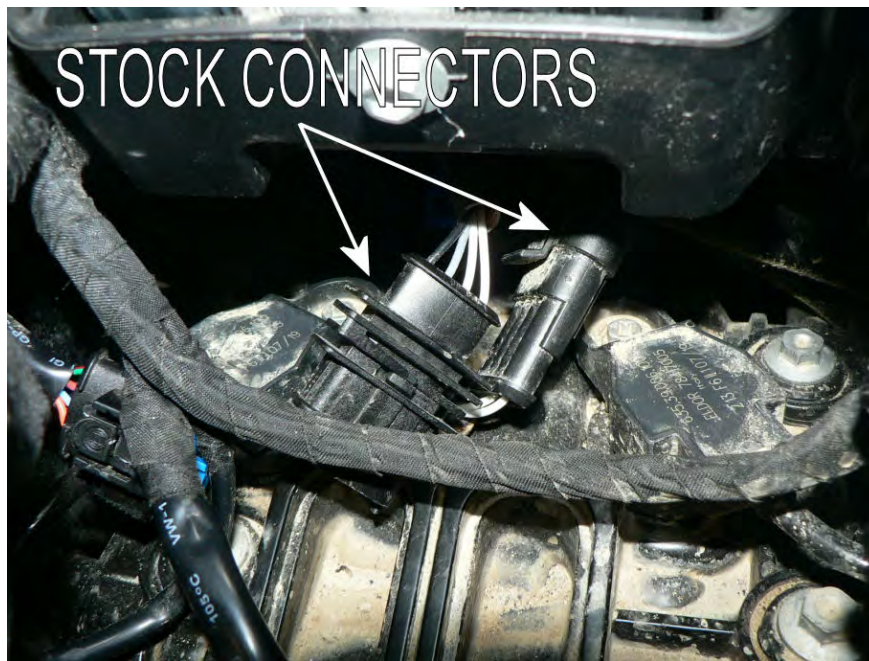


Fig.6

front O2 sensors 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**

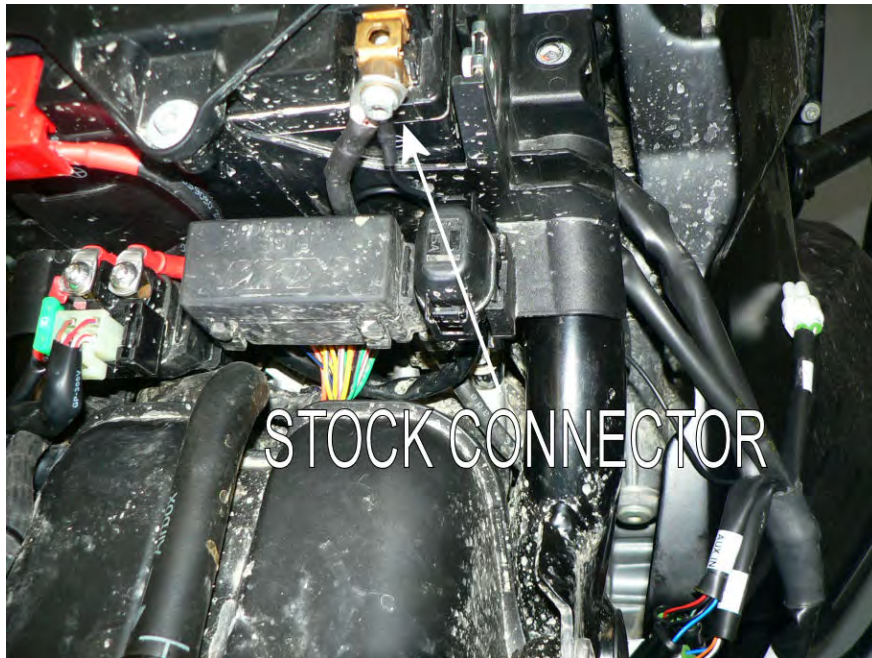
10. Connect the Rapid Bike connectors marked as O2 SENSOR 1 and 2 in-line of the stock wiring (**Fig.8**).

**Fig.8**

Attention: for models with three O2 sensors, connect only the front ones, **the rear one must not be connected.**

Final section

11. Connect the eyelet of the Rapid Bike wiring to the negative side of the battery.

**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.

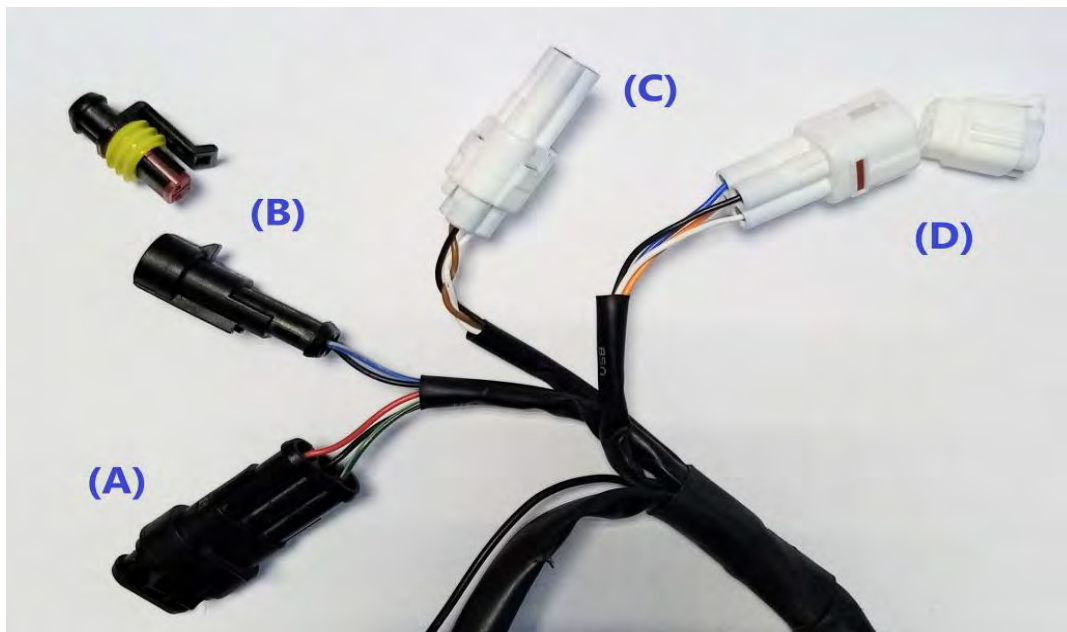
**Fig.10**

15. Place back the fuel tank and the seat.

Accessories section

The Rapid Bike wiring has four other connections for the accessories:

- A) Connection (aux. 3 pins) for power supply and use of optional accessories such as quick shifter QS/Blipper, Pit-Lane limiter and You_Tune
- B) Connection for using the maps switch (aux. 2 pins)
- C) CAN line connection (3 pins) for communication with optional modules My Tuning etc.
- D) USB connection (4 pins) for PC adapter or Bluetooth module



Warning: Connectors for accessories that are not being used should be end up with the matching provided caps.

Online features

Below are useful links for information and online help:

<https://www.dimsport.it/en/rapid-bike/>

<https://reserved.dimsport.com/kb/Filemanager.aspx?id=1032>

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