

RAPID
BIKERACING

RAPID
BIKEEVO

KTM 125 Duke / RC 2021 ->
KTM 390 Duke / RC / Adventure 2017 ->
Husqvarna Svartpilen 125-401 2021 ->
CF Moto 250 SR-S 2022 ->

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

Injection section

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



Fig.1

4. Connect the Rapid Bike connectors in-line of the stock connectors (**Fig.2**).

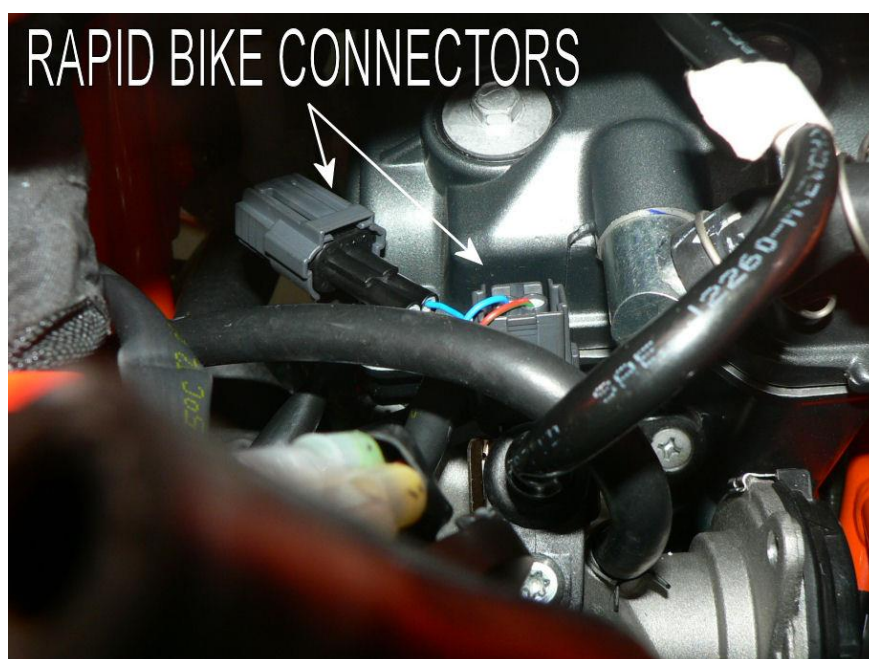


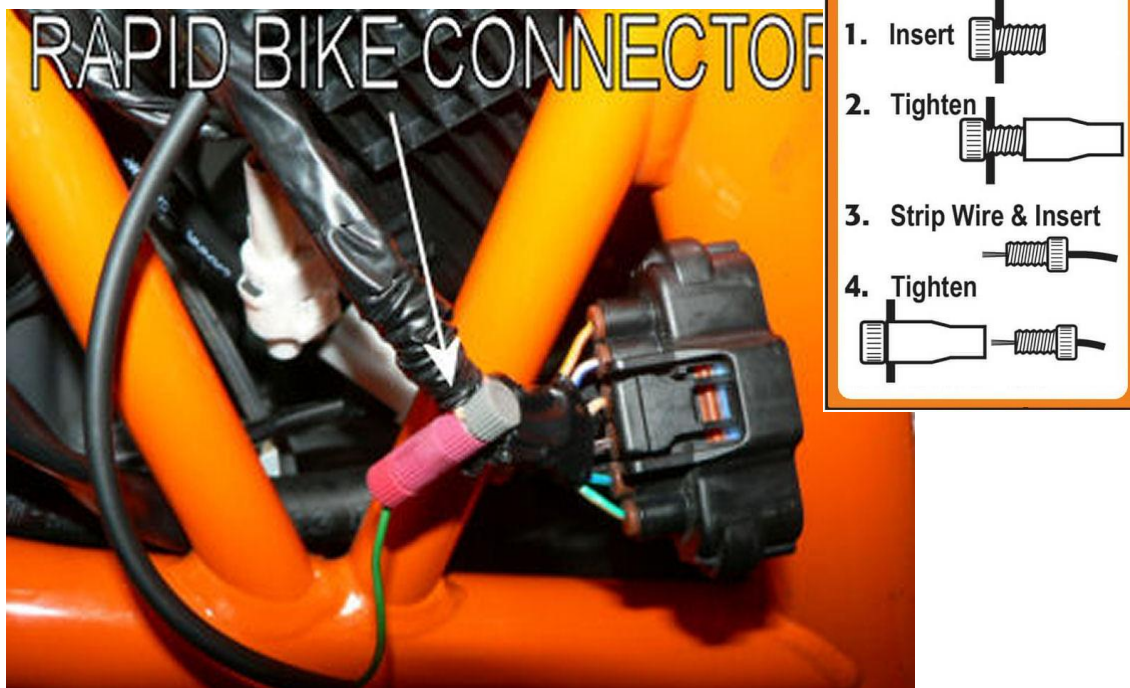
Fig.2

T.P.S. section

5. Locate the black 6 pin connector placed under the fuel tank on the right side of the bike (**Fig.3**).

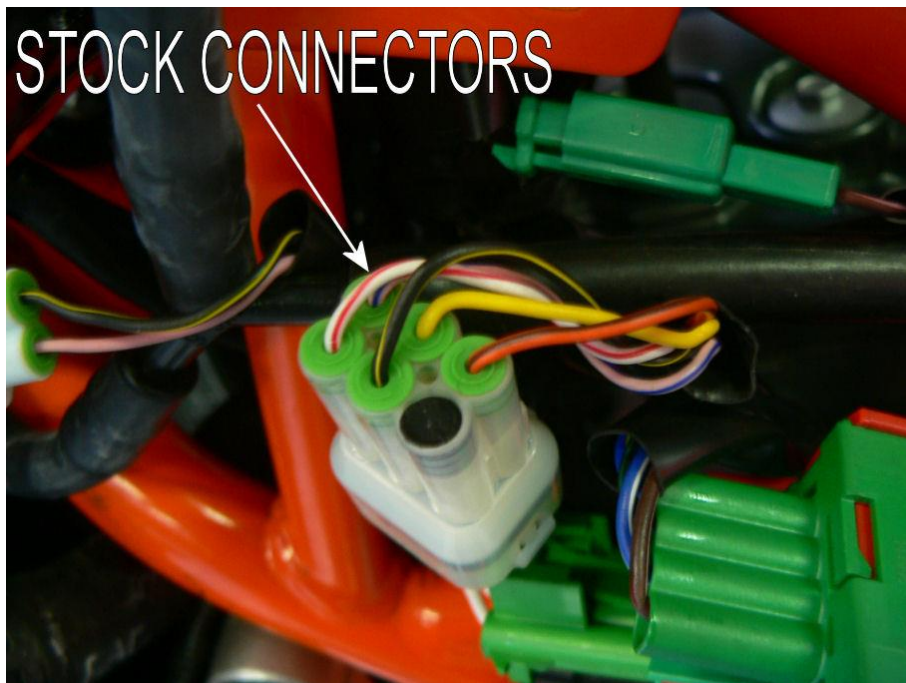
**Fig.3**

6. Connect the green wire of the Rapid Bike wiring to the green/yellow striped wire of the stock connector using the posi-tap connector (**Fig.4**).

**Fig.4**

Crankshaft sensor section

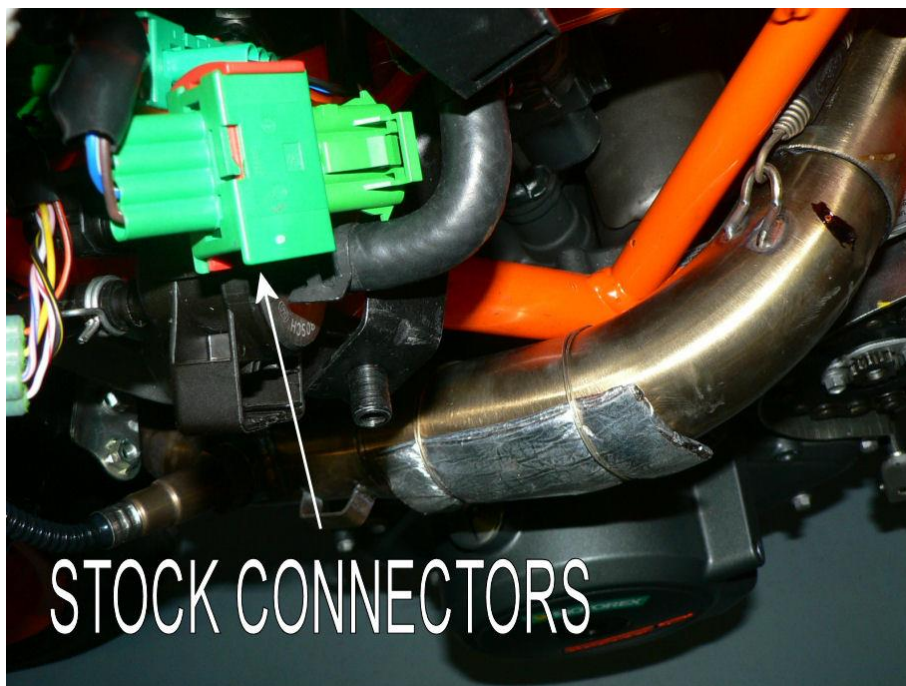
7. Locate and disconnect the white 6 pin connector placed on the left hand side (**Fig.5**).

**Fig.5**

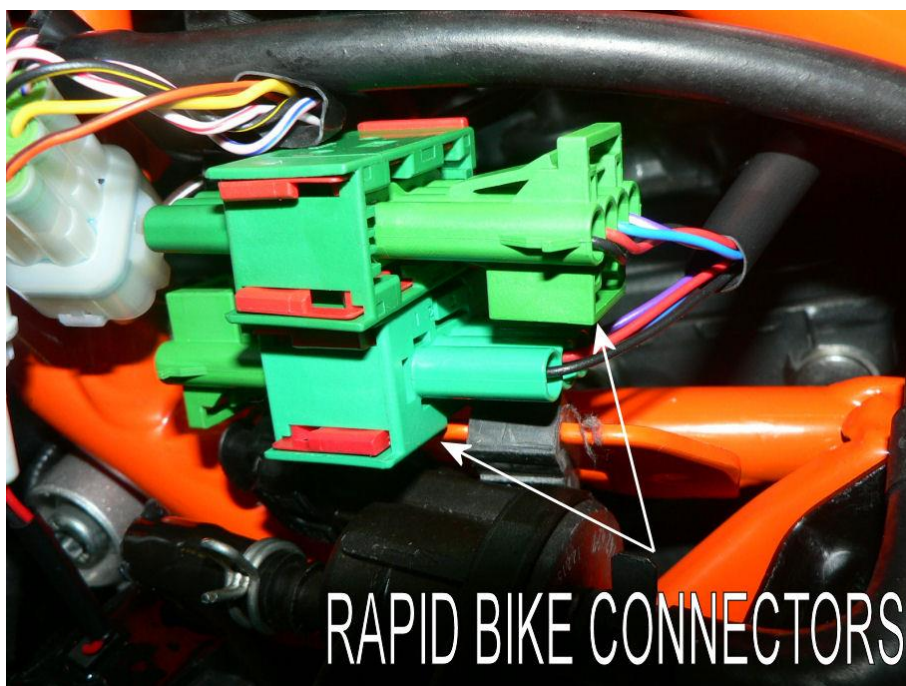
8. Connect the Rapid Bike connectors in-line of the stock connectors (**Fig.6**).

**Fig.6**

9. Locate and disconnect the green 4 pin connector placed behind the left fairing on **MY17-19 (Fig.7)** and behind the voltage regulator, near engine's head, on the right side on **MY20**.

**Fig.7**

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

**Fig.8**

Feeding voltage section

11. Locate and disconnect the white 2 pin connector, coming from the oil pump for the rear brake pedal and placed on:

(MY17-19 and 21-23) the right side under the fuel tank (**Fig.9**)

(MY20) the right side, behind the voltage regulator, near engine's head.

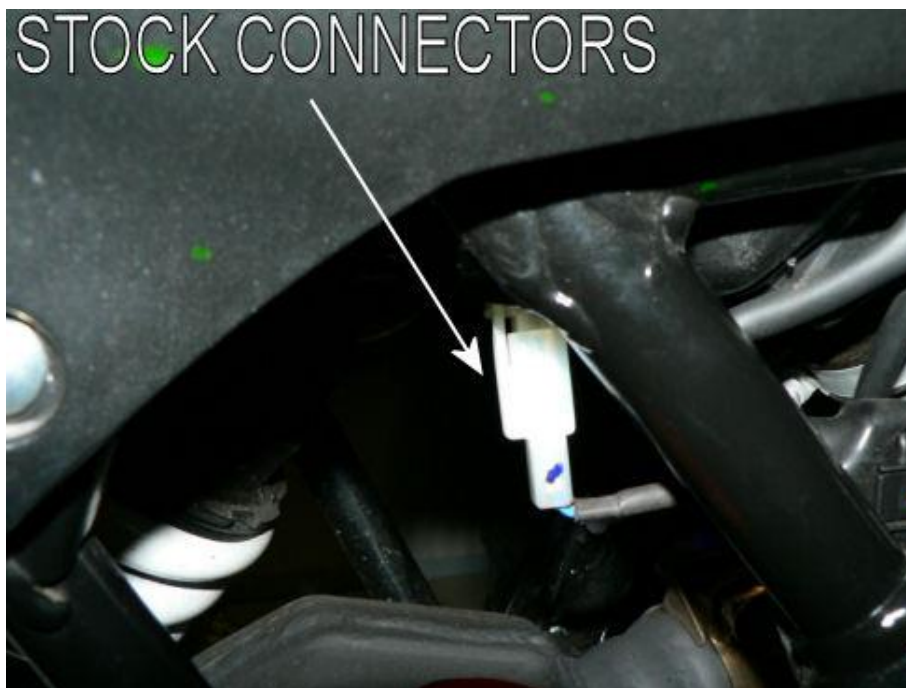


Fig.9

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



Fig.10

13. Connect the eyelet of the Rapid Bike wiring harness to the negative pole of the battery (**Fig.11**).



Fig.11

Final section

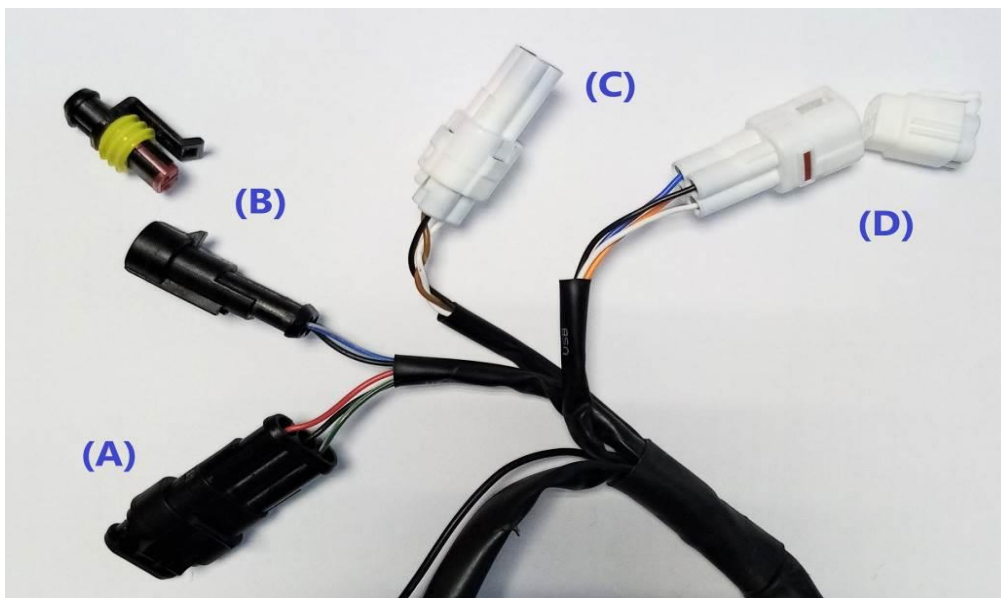
14. Connect Rapid Bike module to the wiring harness.
15. Check proper connection of all connectors.
16. Fix the module in the gloves compartment (**Fig.12**).



Fig.12

The Rapid Bike wiring has four other connections for the RB 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 (as MyTuning Bike)
- D) USB connection (4 pins) for PC 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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