

RAPID
BIKERACING

RAPID
BIKEEVO

GAS GAS ES / SM 700 22 ->
HUSQVARNA 701 21 ->
KTM 690 Enduro / R SMC / R 19 ->

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 air box

Injection / Feeding voltage section

3. Locate and disconnect the black 2 pin connector placed under the air box (**Fig.1**).

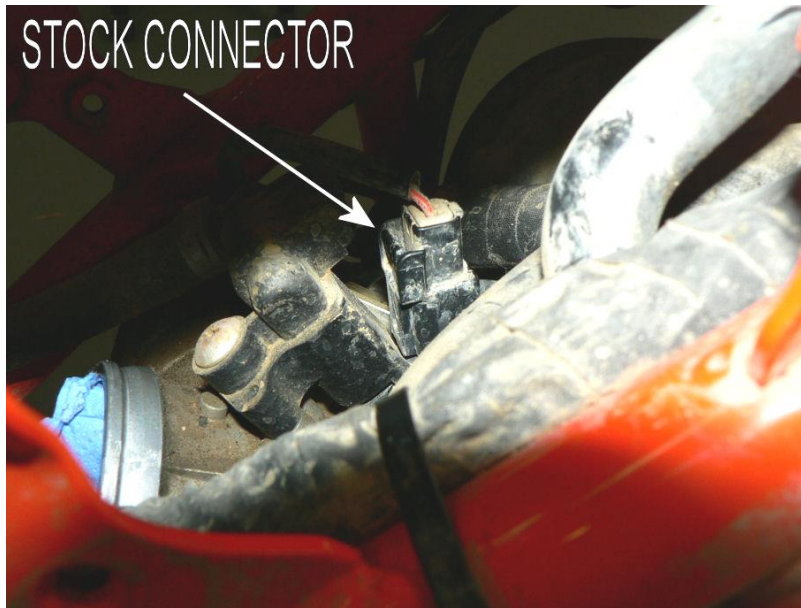


Fig.1

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



Fig.2

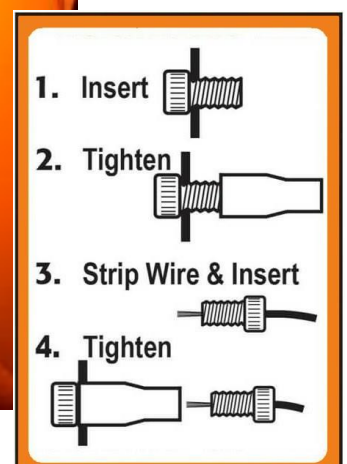
On some bikes the polarity of the injector may be reversed compared to the Rapid Bike wiring and so the engine will not start; in order to avoid the problem, install the provided adapter between the stock wiring and the RB wiring as shown at the end of this manual.

T.P.S. Section Engine 690 cc.

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

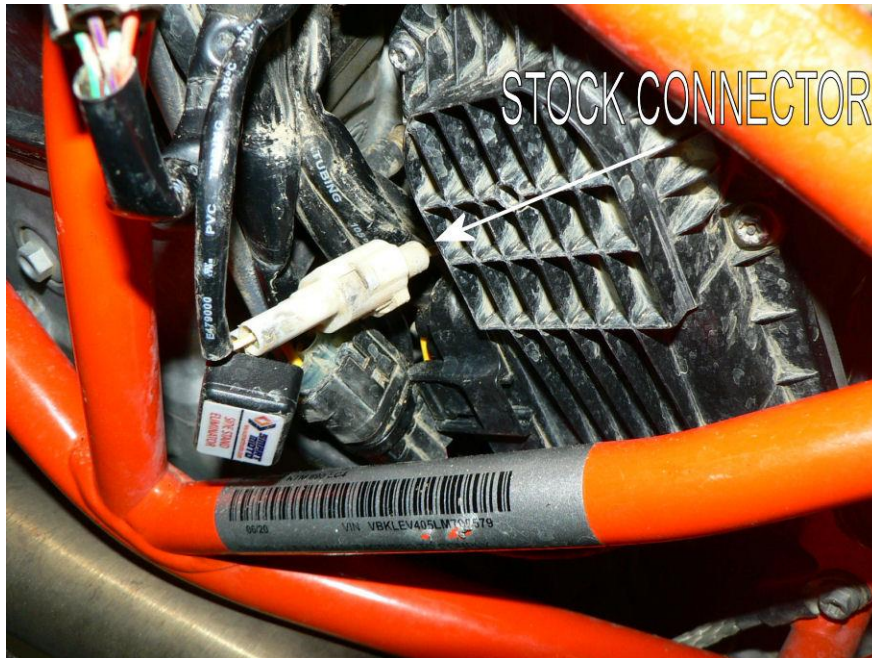
**Fig.3**

6. 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**

Crankshaft sensor section

7. Locate and disconnect the white 2 pin connectors placed on the left side of the bike (**Fig.5**).

**Fig.5**

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

**Fig.6**

O2 Sensor Section

9. Locate and disconnect the white/black 4 pin connectors placed on the right side under the fuel tank (**Fig.7**).

**Fig.7**

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

**Fig.8**

Final section

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

**Fig.9**

12. Store the RAPID BIKE in the glove compartment or behind the left side panel (Fig.10a or 10b).

**fig.10a**



fig.10b



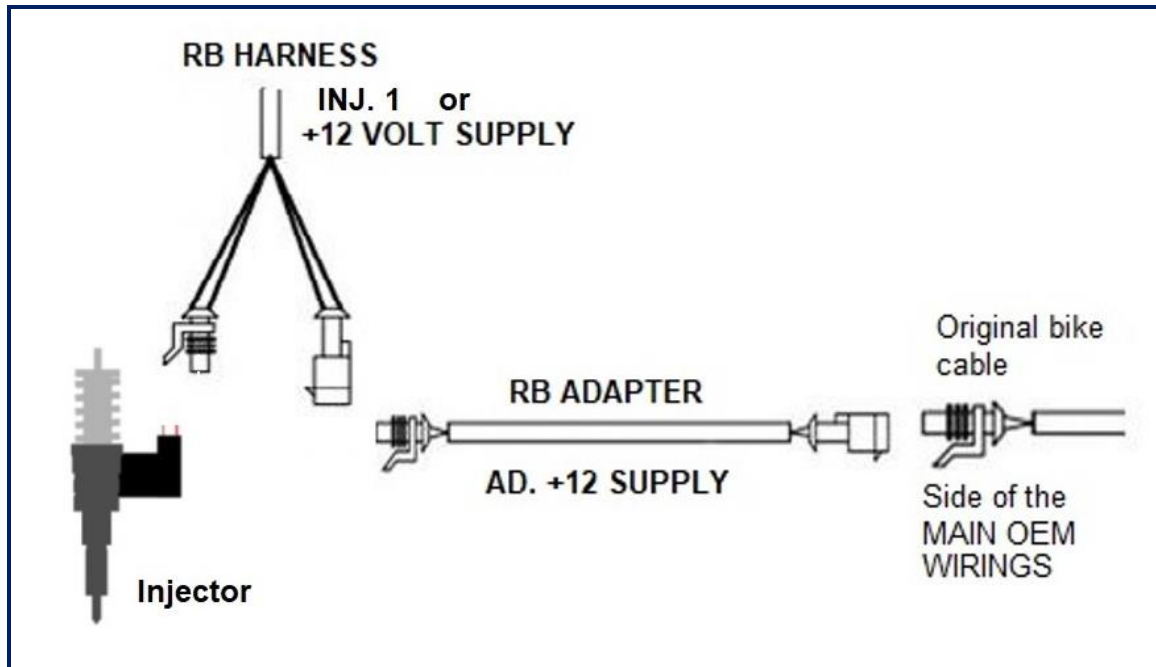
fig.11a



fig.11b

13. Connect the Rapid Bike module to the main harness connector.
14. Check the proper connection of all connectors.
15. Reassemble all the components as originally.

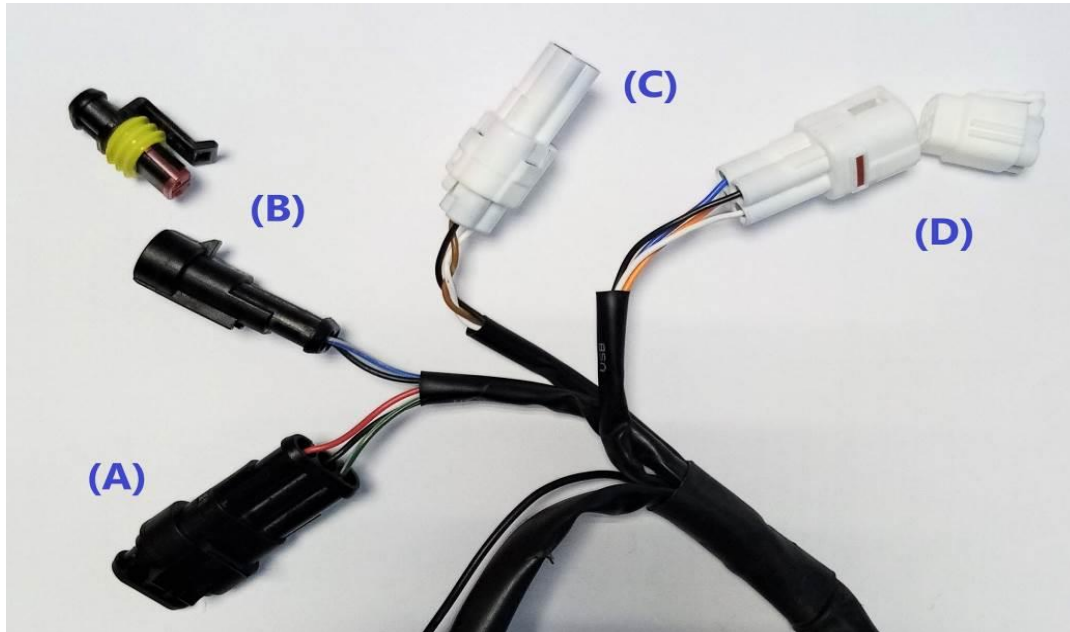
WARNING: If the engine does not start during the initial test, it is necessary to install the polarity reversal adapter. In series with the cables marked "INJECTOR 1" place the adapter as in the following figure.



Accessories section

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
- D) USB connection (4 pins) for PC connection 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>

Information on Initial Functional Checks: [Appendix_ER_First-check.pdf](#)

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