

RAPID
BIKERACING

RAPID
BIKEEVO

KTM 1050 / 1090 Adventure 15-19

KTM 1190 Adventure / R 13-16

KTM 1290 Super Adventure 15-20

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 the engine.
2. Remove both seats, fuel tank and airbox.

Injection / Feeding voltage section

3. Locate and disconnect the black 2 pin connectors of the two injectors, placed between the throttle blades under the airbox (**Fig.1**).

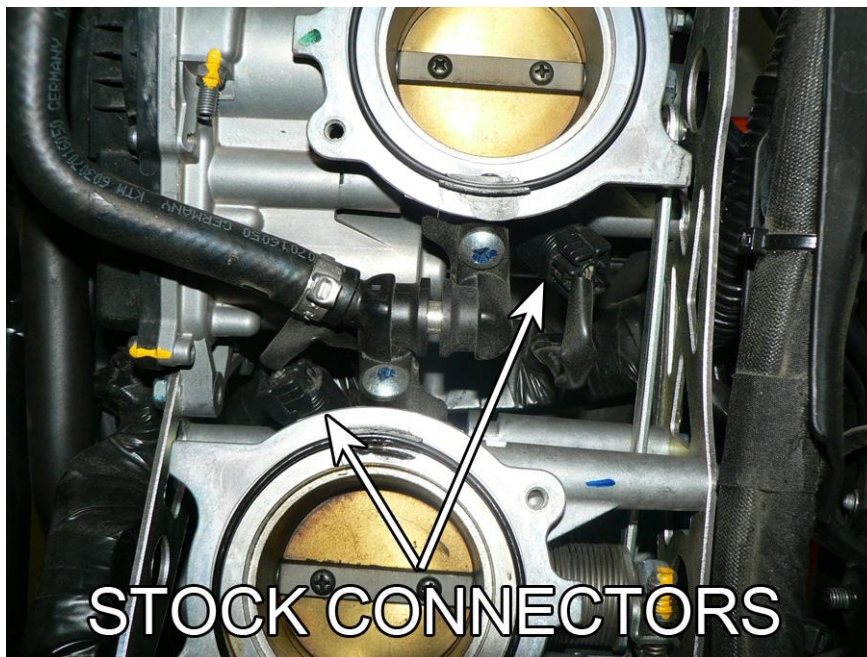


Fig.1

4. Connect the Rapid Bike connectors in-line of the stock connectors and the injectors (**Fig.2**):
 - Connect the Rapid Bike male connector marked as **INJECTOR 1** to the OEM connector of front cylinder's injector, and the female connector with red/green wire to the front cylinder's injector.
 - Connect the Rapid Bike male connector marked as **INJECTOR 2** to the OEM connector of rear cylinder's injector, and the female connector with the white/black wire to the rear cylinder's injector.

WARNING: securely fasten connectors and wirings in order to avoid interferences with the throttle blade movement.

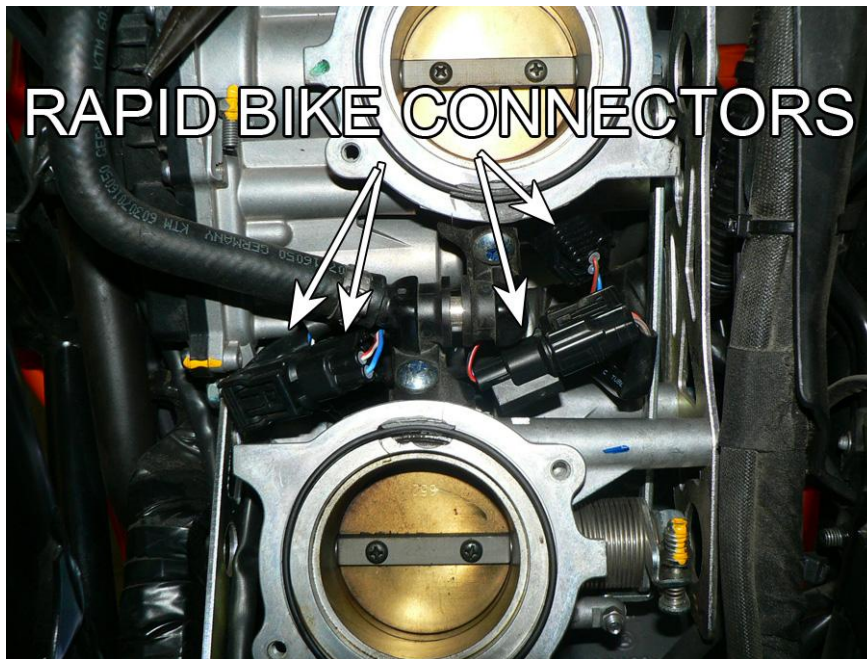


Fig.2

T.P.S. section

5. Locate the orange/white wire on the larger ECU connector (**Fig.3**)



Fig.3

6. Connect the green wire of the Rapid Bike wiring to the orange/white wire on the larger ECU connector, using the supplied posi-tap connector (**Fig.3**)

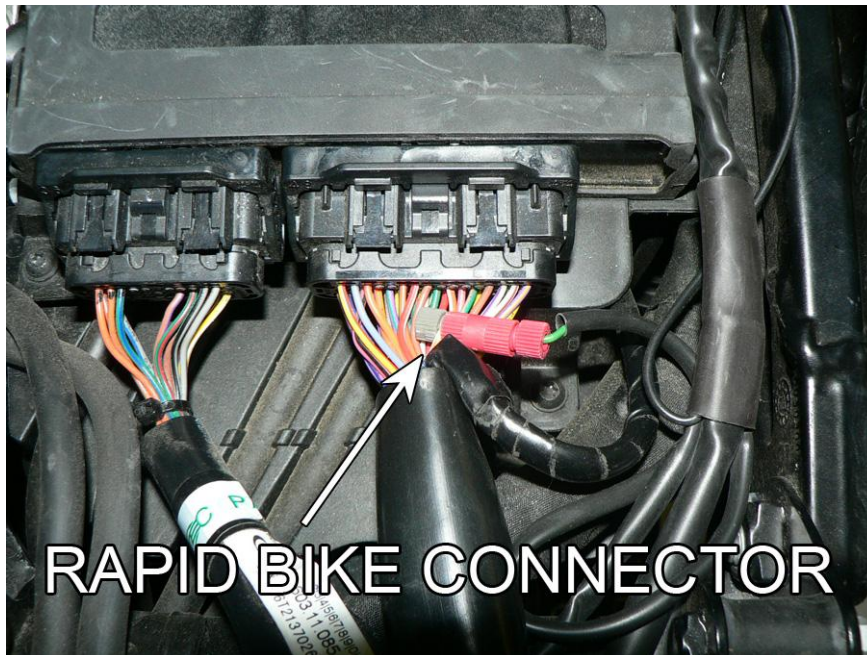


Fig.3

Crankshaft sensor section

7. Locate and disconnect the blue 2 pin connectors placed on the left side (**Fig.4**)

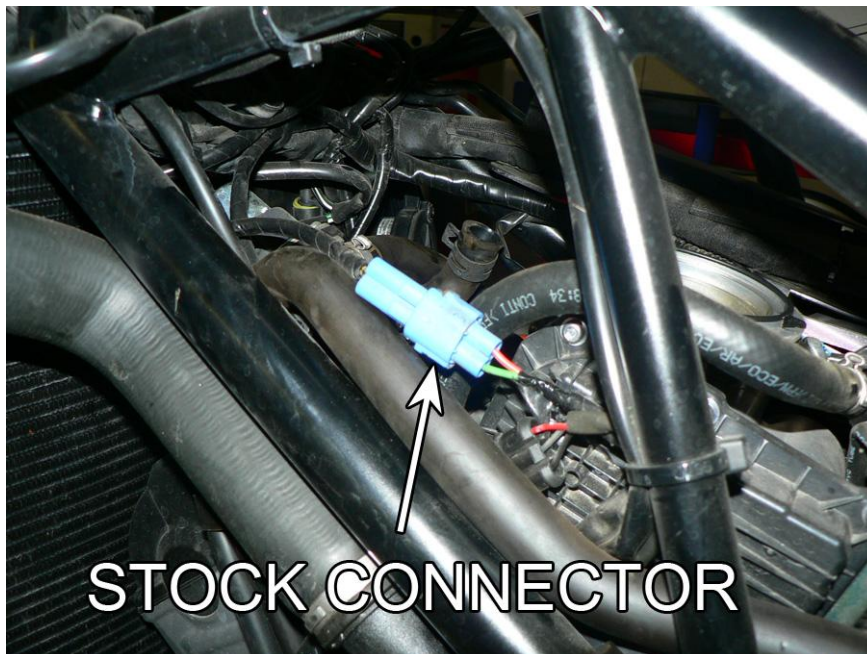


Fig.4

8. Connect the Rapid Bike connectors in-line of the stock connectors (**Fig.5**)

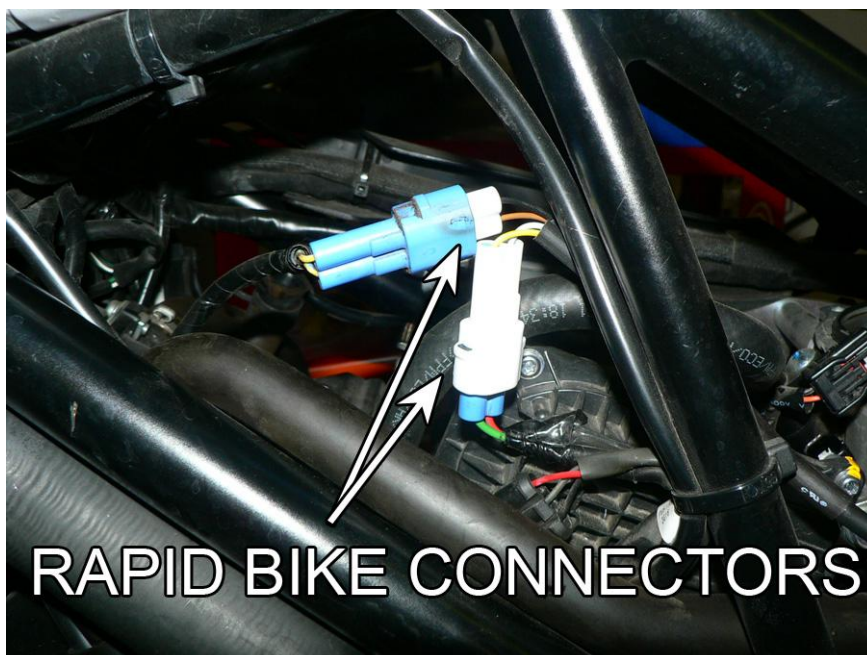


Fig.5

O2 sensor section

9. Locate and disconnect the black and white 4 pin connectors, of the front cylinder's O2 sensor, placed on the right hand side (**Fig.7**).



Fig.7

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



Fig.8

11. Locate and disconnect the black and white 4 pin connectors, of the rear cylinder's O2 sensor, placed under the fuel tank (**Fig.9**).



Fig.9

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

**Fig.10**

Final section

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

**Fig.11**

14. Connect the Rapid Bike module to the wiring.
15. Check the connection of all connectors.
16. Fix the module under the seat using the supplied Velcro (**Fig.12**).

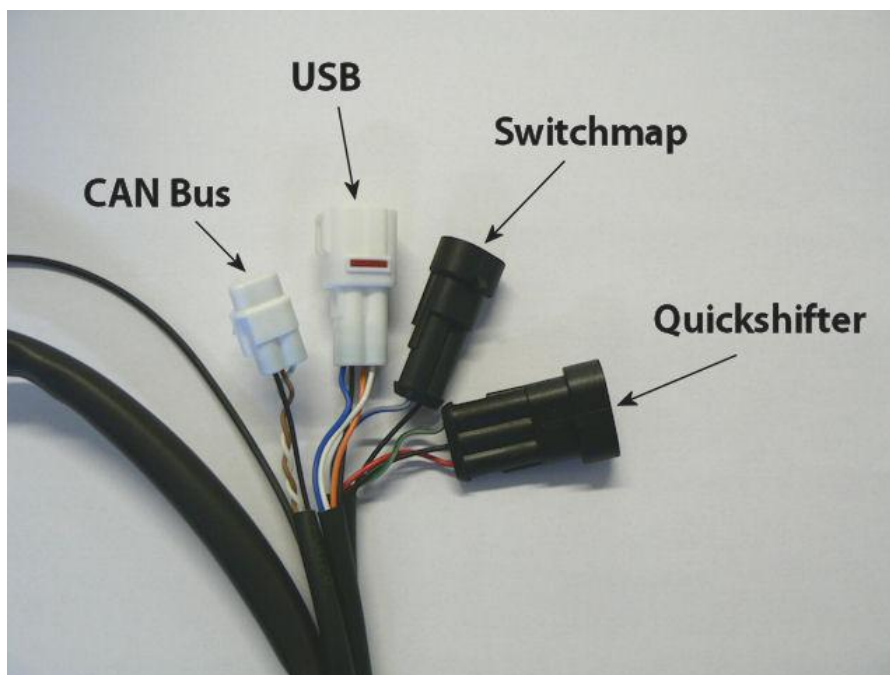
**Fig.12**

17. Reinstall airbox, fuel tank and seats.

Accessories section

The Rapid Bike wiring has four other connections for accessories:

- Connection for quickshifter sensor (black 3 pin connector)
- Connection for handlebar switchmap (black 2 pin connector)
- Connection for CAN Bus interface (white 3 pin connector)
- Connection for USB interface (white 4 pin connector)





Notes:

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Notes:

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Notes:

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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