

**RAPID**  
**BIKERACING**

**RAPID**  
**BIKEEVO**

*KTM 1290 Super Duke R 14-16*

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## INSTALLATION INSTRUCTIONS

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**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, the fuel tank and the 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**

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**T.P.S. section**

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5. 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**

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



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





**O2 sensor section**

8. Remove the plastic cover on the right hand side (**Fig.6**).

**Fig.6**

9. Locate and disconnect the black and white 4 pin connectors, of the front cylinder's O2 sensor, placed behind the cover previously removed (**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 between the rear cylinder head and the rear shock absorber (**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**

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**Final section**

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13. Connect the eyelet coming from 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 the airbox, the fuel tank and the seats.

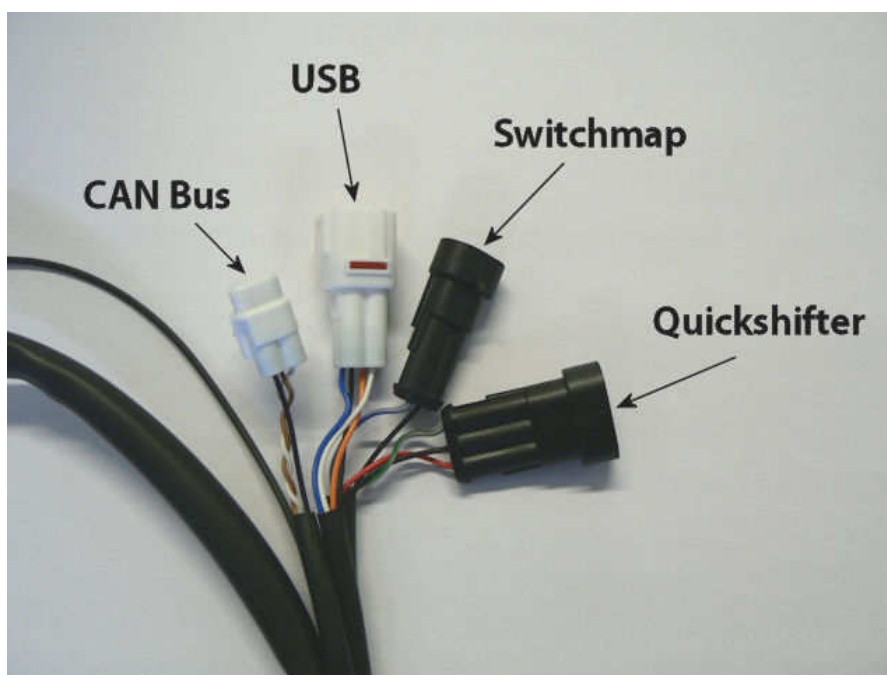
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### Accessories section

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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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