

RAPID
BIKERACING

RAPID
BIKEEVO

BMW R 1200 GS 13-16
BMW R 1200 GS Adventure 14-16
BMW R 1200 R 15-16
BMW R 1200 RS 15-16

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 the seats and both side fairings.

Injection section

3. Locate and disconnect the black 2-pin connector on the left side of the bike (**Fig.1**).



Fig.1

4. Connect the Rapid Bike connectors, marked as **INJECTOR 1**, in-line with the injector and the stock wiring (**Fig.2**).

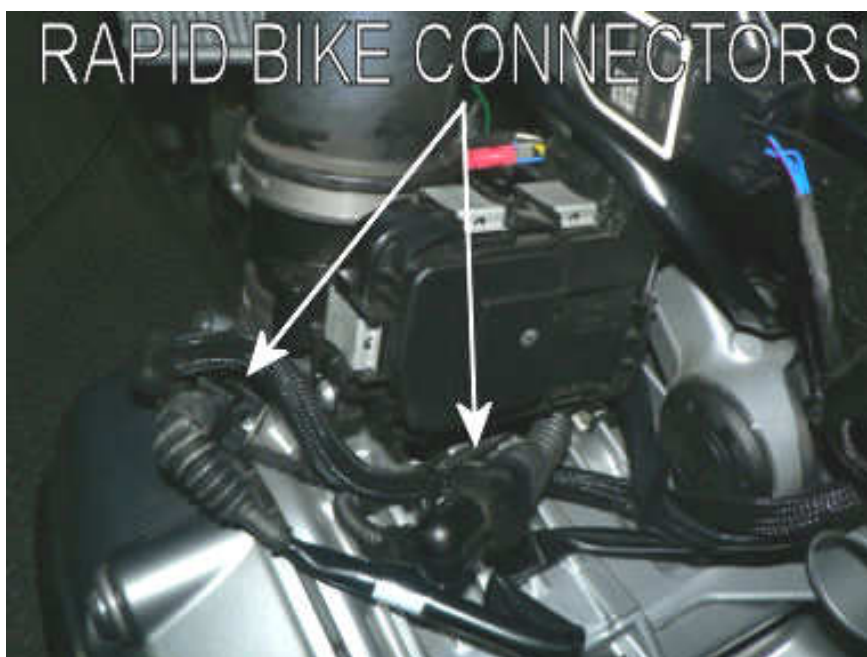


Fig.2

5. Locate and disconnect the black 2-pin connector on the right side of the bike (**Fig.3**).

**Fig.3**

6. Connect the Rapid Bike connectors, marked as **INJECTOR 2** in-line with the injector and the stock wiring (**Fig.4**).

**Fig.4**

T.P.S. section

7. Locate and disconnect the black 4-pin connector placed above the left cylinder (**Fig.5**).

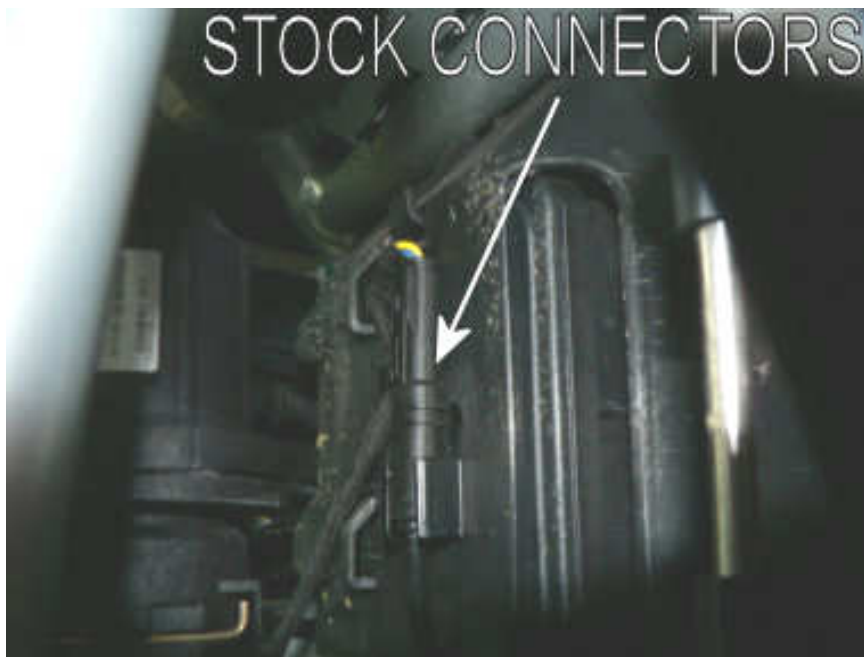
**Fig.5**

8. Connect the green wire coming from the Rapid Bike wiring to the sky-blue stock wire using the provided posi-tap (**Fig.6**) and connect the stock connector in its original position.

**Fig.6**

Crankshaft sensor section

9. Locate and disconnect the black 2-pin connector placed behind the left radiator (**Fig.7 – Fig.8**).

**Fig.7****Fig.8**

10. Connect the Rapid Bike connectors in-line with the stock wiring (**Fig.9**).

**Fig.9**

Feeding voltage section

11. Connect the eyelet coming from the Rapid Bike wiring to the negative side of the battery (**Fig.10**).

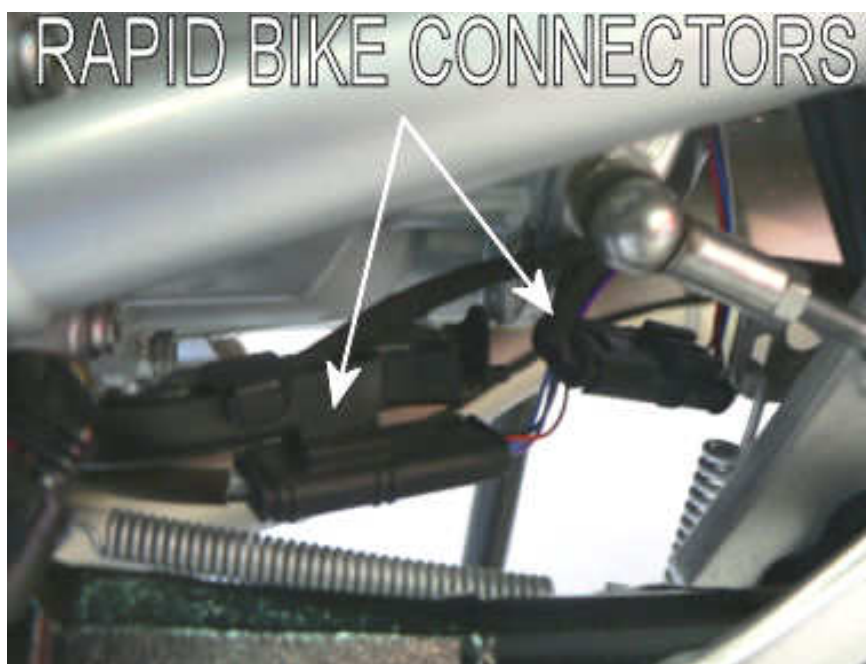
**Fig.10**

O2 Sensor section

12. Locate and disconnect the black 2-pin connector of the two O2 sensor placed under the left cylinder and the right cylinder (**Fig.11**).

**Fig.11**

13. Connect the Rapid Bike connectors, marked as **O2 SENSOR1**, in-line with the stock wiring on the left side (**Fig.12**).
14. Connect the Rapid Bike connectors, marked as **O2 SENSOR2**, in-line with the stock wiring on the right side (**Fig.12**).

**Fig.12**

Final section

15. Connect the Rapid Bike module to the wiring harness.
16. Check the correct connection of all connectors.
17. Install the module between the front forks by means of a “S” shaped bracket (not included) to allow full turning radius (**Fig.13 – Fig.14**).

**Fig.13**



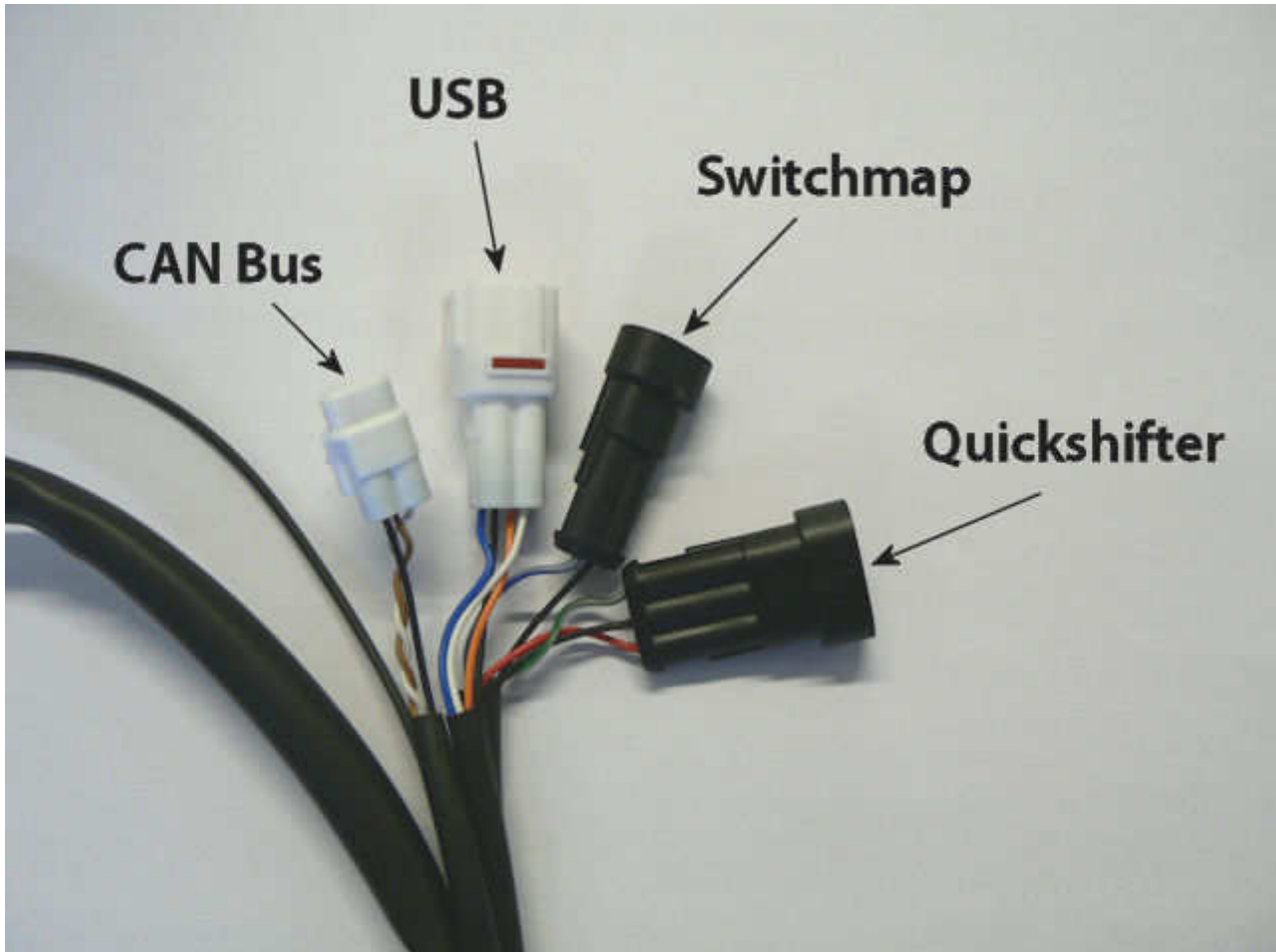
Fig.14

- 18. Place back the seats.
- 19. Place back the fairings.

Accessories section

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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