

RAPID
BIKERACING

RAPID
BIKEEVO

BMW R 1200 GS 04-12

BMW R 1200 GS Adventure 07-13

BMW R 1200 R 06-14 – RT 06-13

BMW R 1200 S 05-09 – ST 05-08

BMW HP2 (All versions) 06-12

BMW R nine T 14-20

INSTALLATION INSTRUCTIONS



Attention: For a correct RB feeding voltage, check the operation of all motorbike electrical system components (lights, fuse, stock connectors, ecc.).

1. Turn off the motorbike.
2. Remove the saddles.

Injection section

3. Identify and disconnect the black two-way connector located on the motorbike right side (Fig.1).



Fig.1

4. Connect the RAPID BIKE connector marked as **Injector 2** to the original wiring (Fig.2).



Fig.2

5. Identify and disconnect the black two-way connector located on the motorbike left side (Fig.3).

**Fig.3**

6. Connect the RAPID BIKE connector marked as **Injector 1** to the original wiring (Fig.4).

**Fig.4**

T.P.S. section

7. Identify and disconnect the black three-way connector located on the motorbike left side (Fig.5).

**Fig.5**

8. Connect the RAPID BIKE connector to the original wiring (Fig.6).

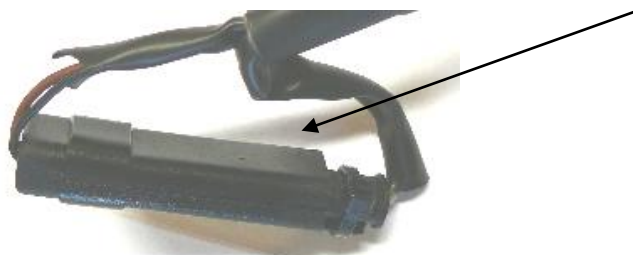
**Fig.6**

Crankshaft sensor section

9. Identify and disconnect the black two-way connector located on the motorbike front part (Fig.7 and Fig.8).

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

10. Connect the RAPID BIKE connectors to the original wiring and fix it with the strip (Fig.9).

**Fig.9**

Feeding voltage section

11. Connect the eyelet from the RAPID BIKE wiring to the negative pole (Fig.10).



Fig.10

O2 sensor section

12. Identify and disconnect the two o2 sensor connector under cylinders (Fig.11).



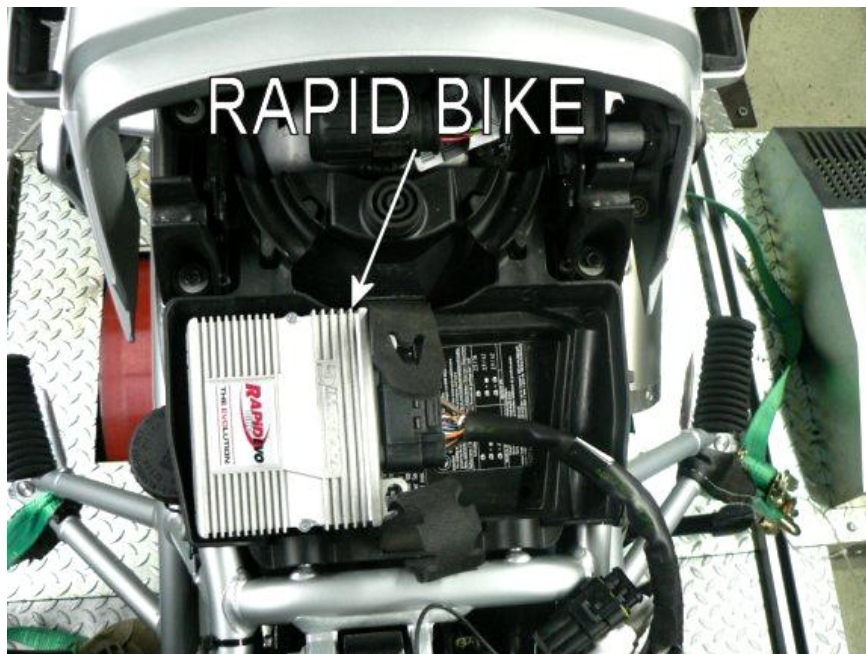
Fig.11

13. Connect the Rapid Bike connectors marked as **Lambda 1** in line with the stock wiring and the left side o2 sensor (see **Fig.12**).
14. Connect the Rapid Bike connectors marked as **Lambda 2** in line with the stock wiring and the right side o2 sensor (see **Fig.12**).

**Fig.12**

Final section

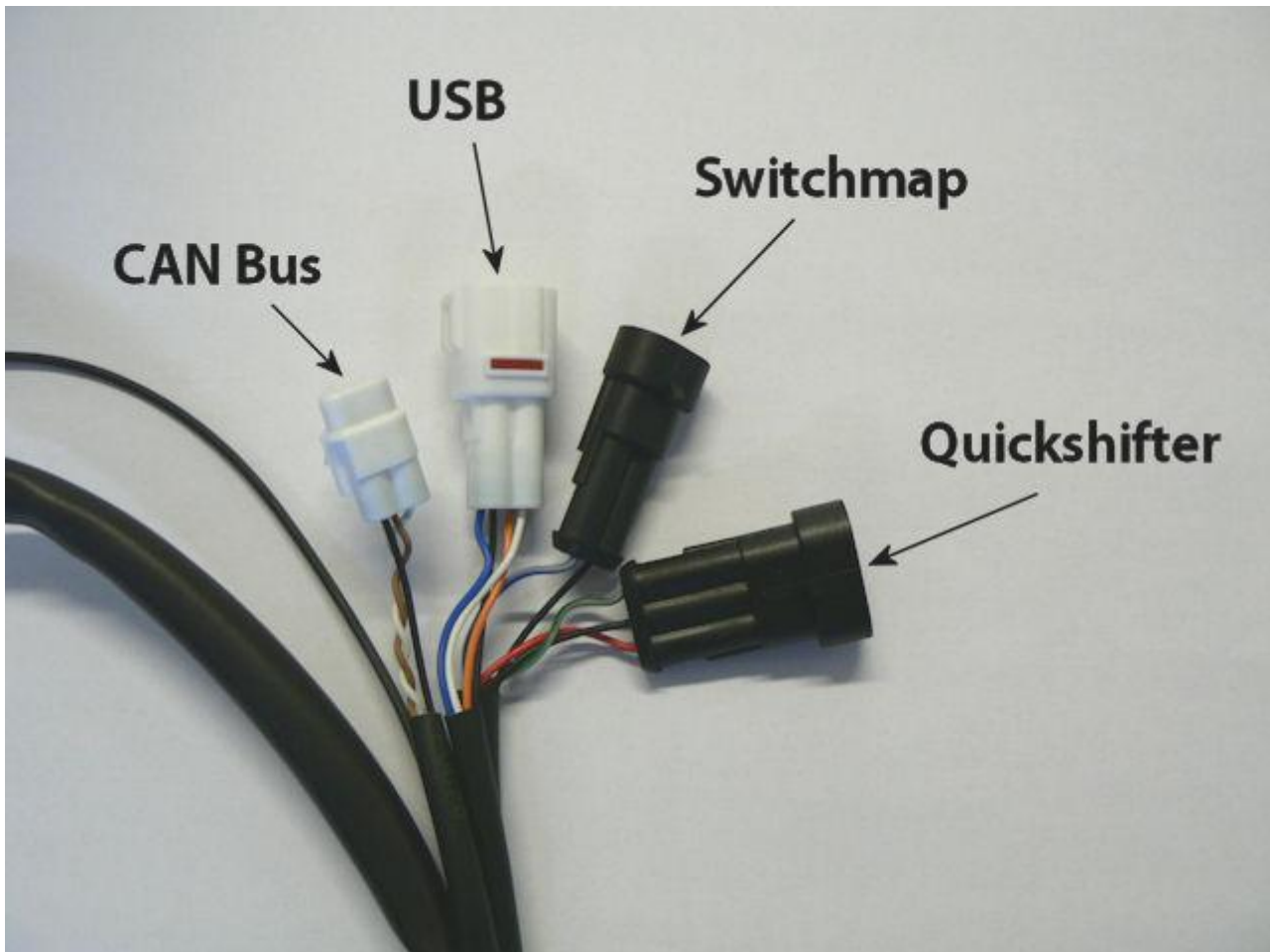
15. Connect the Rapid Bike module to the wiring.
16. Check the correct connection of all connectors.
17. Fix the module under the main seat (Fig.13). For R nine T Urban G/S install the Rapid Bike module under the fuel tank.
18. Place back the saddles.

**Fig.13**

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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