

RAPID
BIKERACING

RAPID
BIKEEVO

MV AGUSTA F4 1000 / R / RR 13-15

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 seat.
3. Remove the fuel tank.

Injection Section

4. Locate and disconnect the four grey connectors of the lower injectors placed under the fuel tank (**Fig.1**).



Fig.1

5. Connect the Rapid Bike connectors in-line of the stock wiring harness starting from the one on the left (**Fig.2**). Follow this order:
 - Red/green wire, first injector lower on the left, (Injector1)
 - White/black wire, second injector, (Injector2)
 - Blue wire, third injector, (Injector3)
 - White wire, fourth injector (Injector4)

**Fig.2**

6. Locate and disconnect the white six pin connector of the upper injectors placed under the fuel tank (**Fig.3**).

**Fig.3**

7. Connect the Rapid Bike connectors in-line of the stock connectors (**Fig.4**).

**Fig.4**

Crankshaft sensor section

8. Locate and disconnect the black 3 pin connector placed under the fuel tank (**Fig.5**).

**Fig.5**

9. Connect the Rapid Bike connectors in-line of the stock connectors (**Fig.6**).

**Fig.6**

T.P.S. section

10. Locate and disconnect the black 4 pin connector placed in front of the throttle body (**Fig.7**). Otherwise it is possible to catch the TPS harness just behind the lower injectors.

**Fig.7**

11. Connect the green wire of the Rapid Bike wiring harness to the violet wire on the stock connector using the provided posi-tap (**Fig.8**).

**Fig.8**

Feeding voltage section

12. Locate and disconnect the black 2 pin connector placed on the rear side near the shock absorber (**Fig.9**).

**Fig.9**

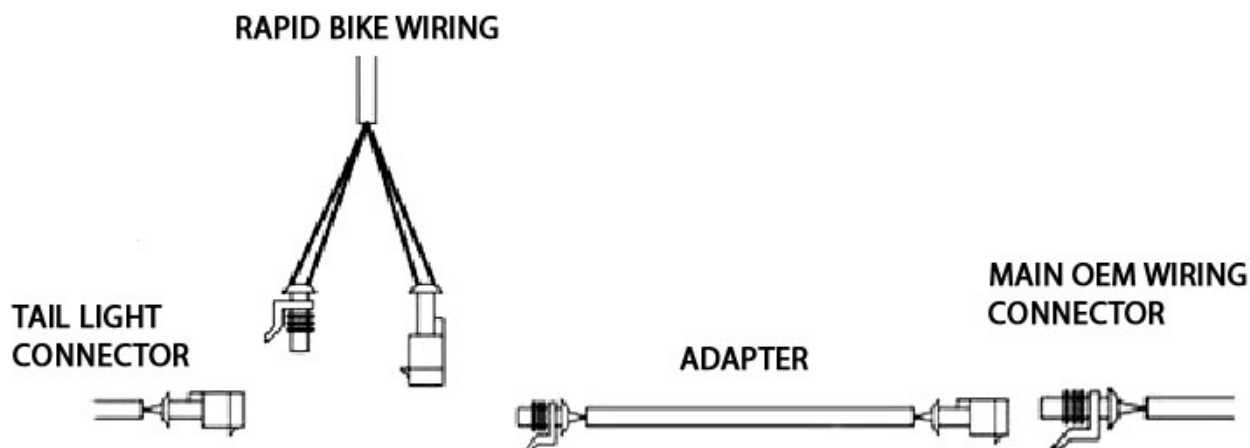
13. Connect the Rapid Bike connectors in-line with the stock connector (**Fig.10**).

**Fig.10**

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

**Fig.11**

ATTENTION: On some bike the polarity of this connector is reversed compared to the Rapid Bike connectors. In this case install the little wiring adapter between the Rapid Bike wiring and the stock wiring (not on the rear light side).



Gear position sensor

15. Locate the white 1 pin connector placed on the left side (**Fig.12**).



Fig.12

16. Connect the green wire, with the white stripe, to the yellow wire, with black stripe, of the stock connector, using the provided posi-tap (**Fig.13**).

**Fig.13**

O2 sensor section

17. Locate and disconnect the black 4 pin connector placed on the bottom of the right hand side (**Fig.14**).

**Fig.14**

18. Connect the Rapid Bike connectors in-line of the stock wiring harness (**Fig.15**).

**Fig.15**

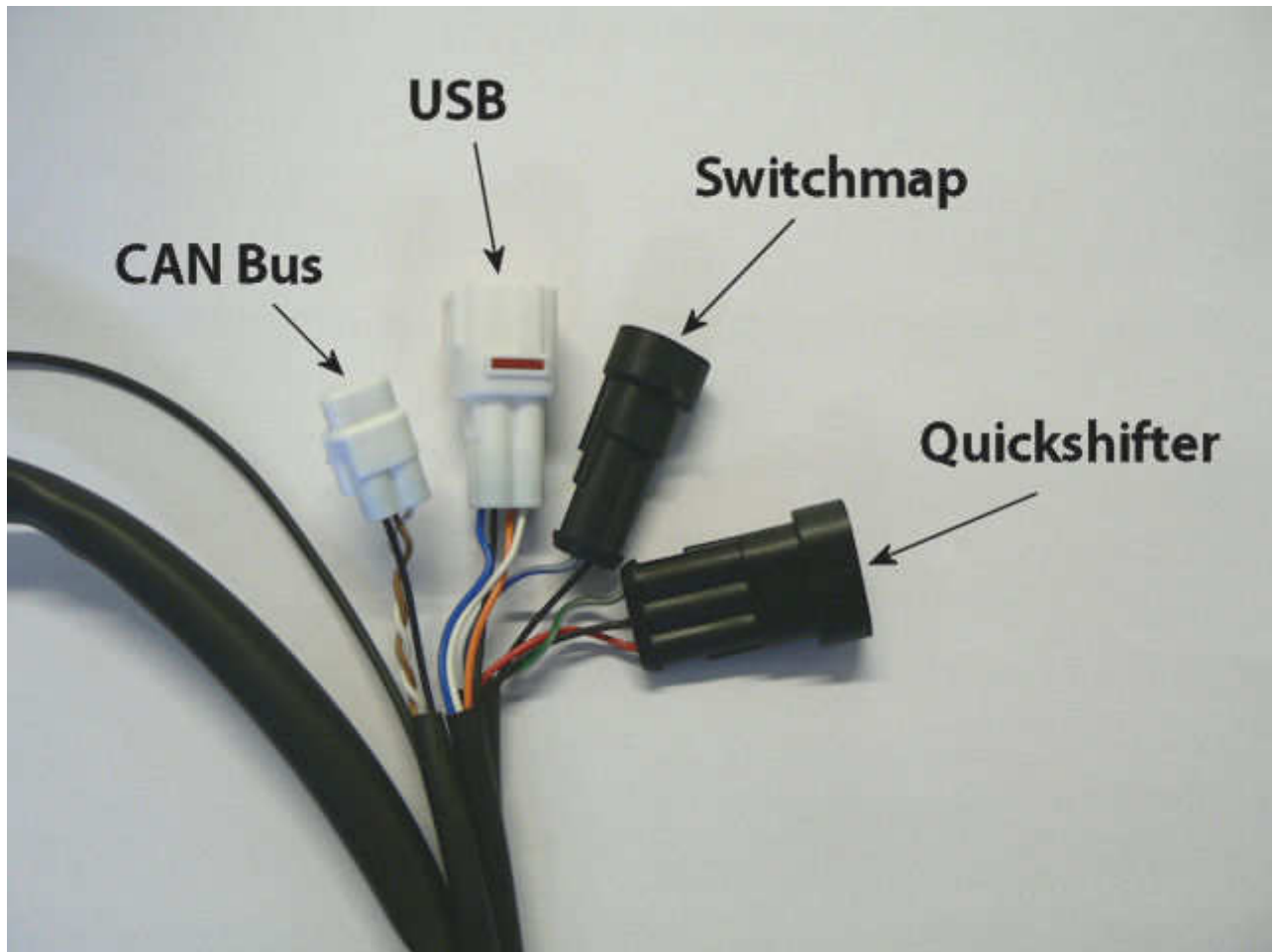
Final section

19. Connect the Rapid Bike unit to the wiring harness.
20. Check the connection of all connectors.
21. Place the module in the under-seat compartment using the provided velcro.
22. Place back the fuel tank.
23. Place back the seats.

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)



Notes:

- It is recommended to not retard the stock ignition timing (negative values in the ignition map) because that may cause engine cut-offs.

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