

RAPID
BIKERACING

RAPID
BIKEEVO

MV Agusta F3 675
MV Agusta F3 800
MV Agusta Brutale 675
MV Agusta Brutale 800

INSTALLING 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.

Lower injectors section

4. Disconnect the three grey 2 pin connectors placed under the fuel tank (**Fig.1**).

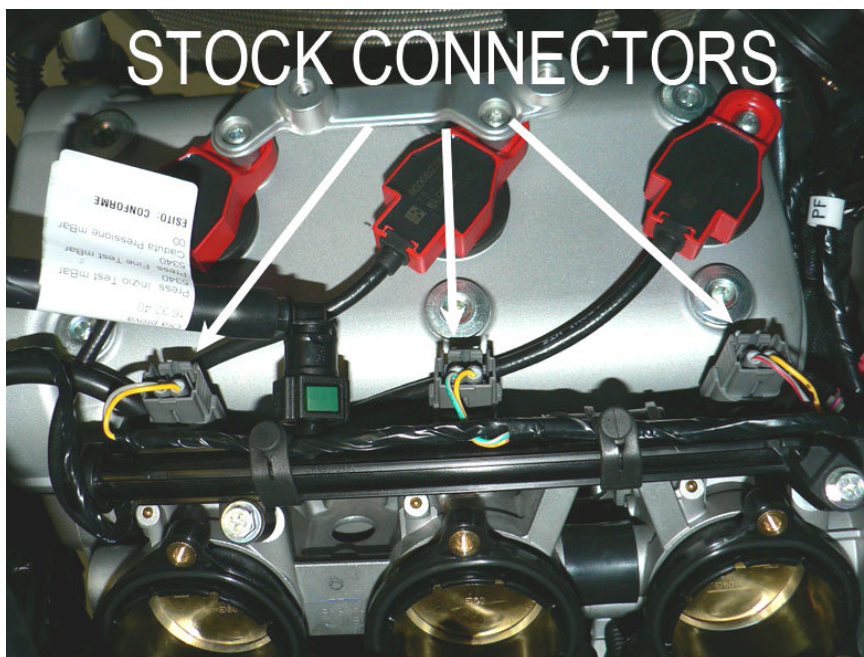


Fig.1

5. Connect the Rapid Bike connectors in-line of the injectors (**Fig.2**). The Rapid Bike connectors marked **INJECTOR 1** must be connected to the injector on the left.



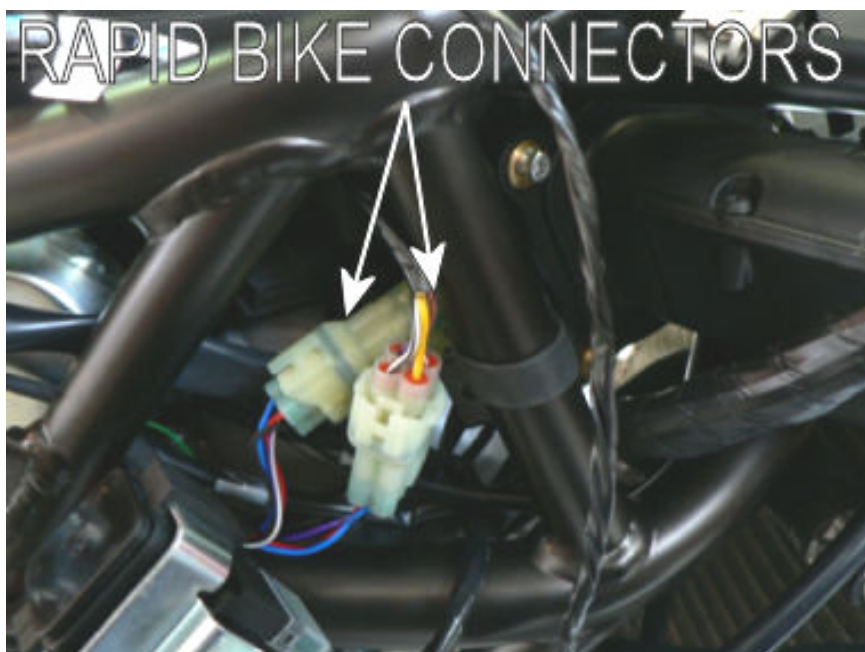
Fig.2

Upper injectors section
(ONLY FOR F3 675/800)

6. Locate and disconnect the white 4 pin connector on the right side (**Fig.3**).

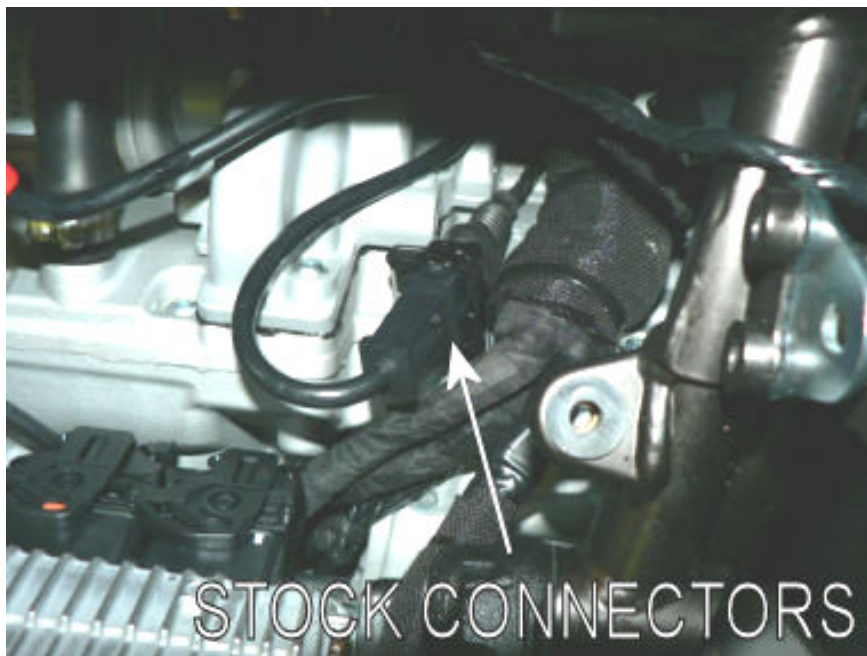
**Fig.3**

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

**Fig.6**

10. Locate the black 6 pin connector placed on the right side (**Fig.7**).



Fig.7

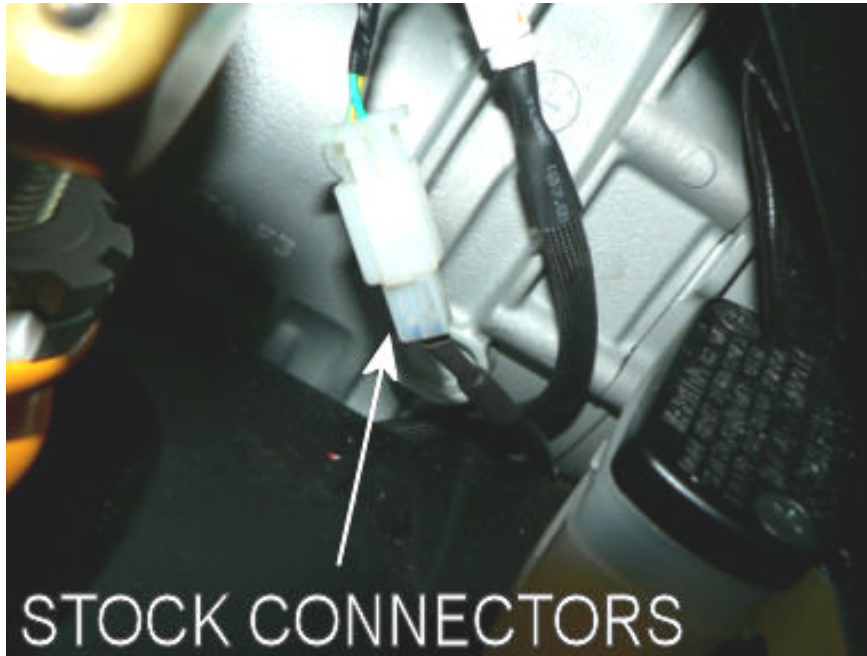
11. Connect the green wire of the Rapid Bike wiring harness to the pink wire on the stock connector (**Fig.8**). It is the first pin from the right.



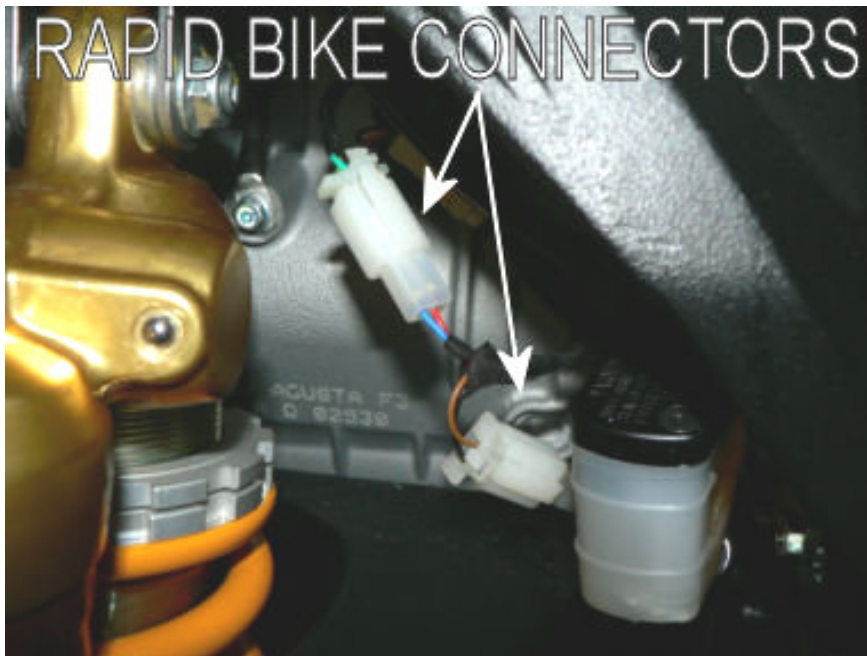
Fig.8

Feeding voltage section

12. Locate and disconnect the white 2 pin connector near the shock absorber (**Fig.9**).

**Fig.9**

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

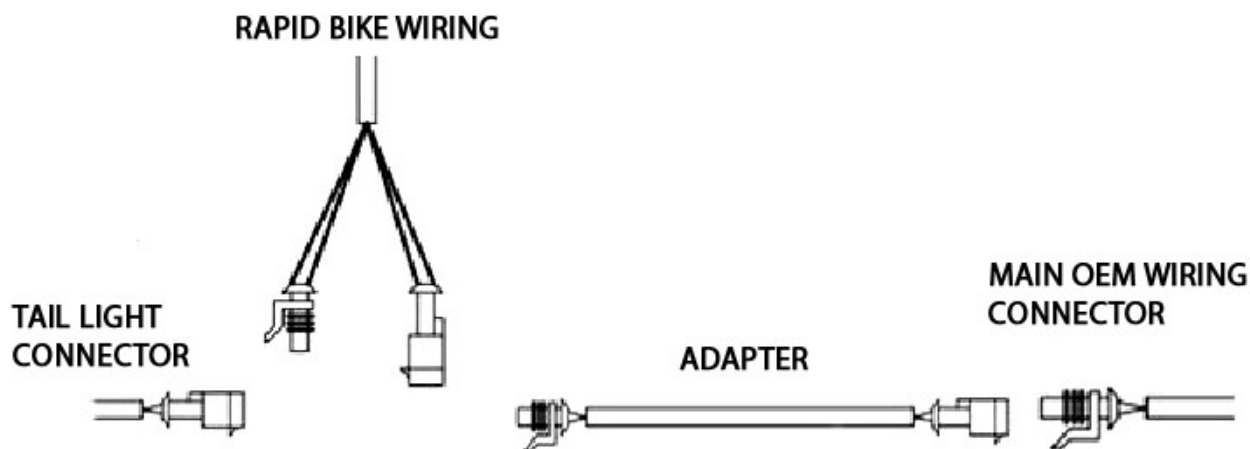
**Fig.10**

14. Connect the eyelet of the Rapid Bike wiring to the negative side (**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 tail light side).



Gear position sensor section

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



Fig.12

16. Connect the white/green wire of the Rapid Bike wiring to the yellow/black wire of the stock connector (**Fig.13**) using the provided posi-tap connector.



Fig.13

17. Locate and disconnect the black 4 pin connector on the front left side (**Fig.14**).



Fig.14

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



Fig.15

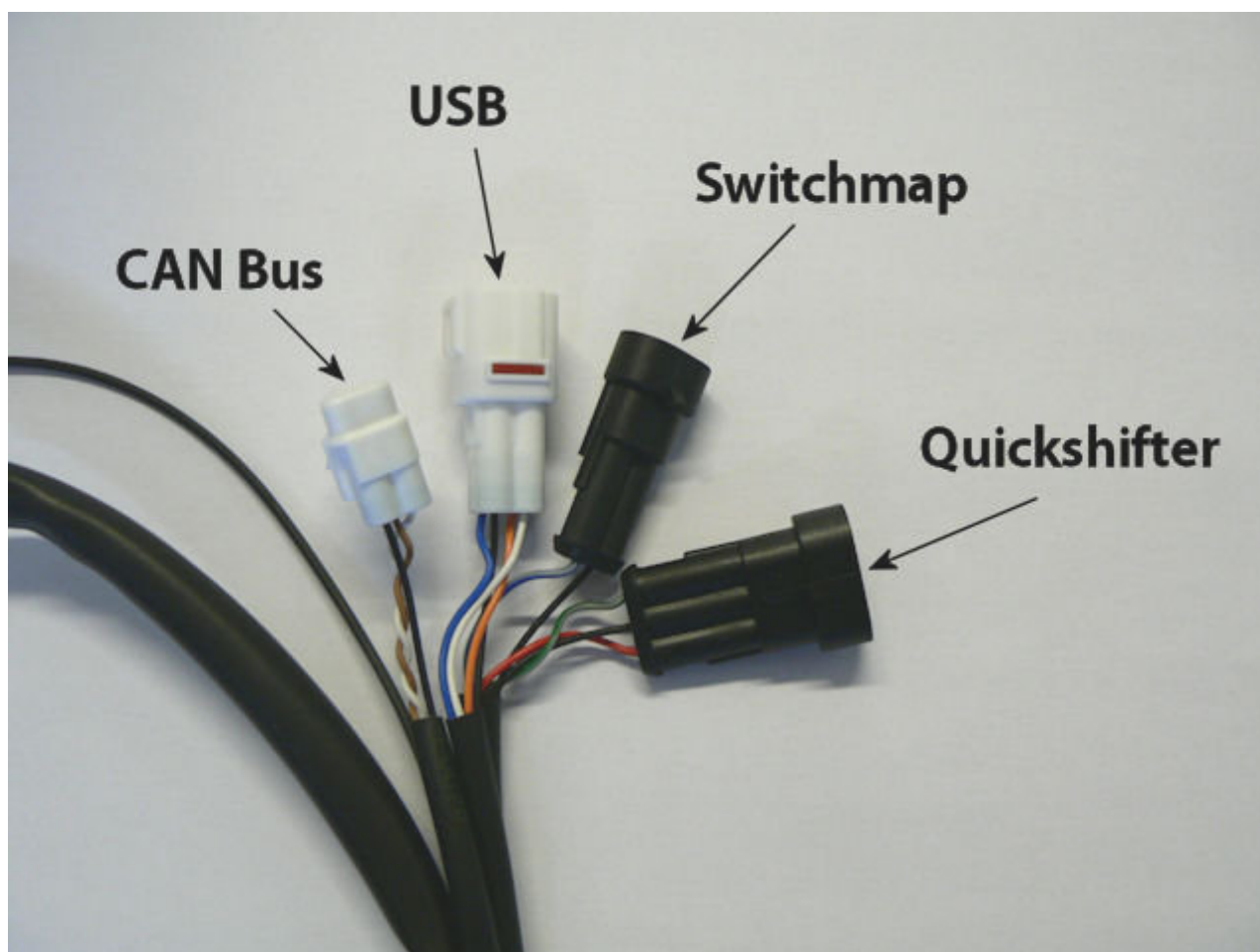
Final section

19. Connect the Rapid Bike module to the wiring harness.
20. Check the connection of all connectors.
21. Fix the module in the glove compartment of the bike 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:

- Do not modify the cells of the injection map from 10.000 rpm to 15.000 rpm in the column "5%" otherwise the FI warning light will turn on when the throttle is closed.
- 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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Dimsport Srl

Zona Industriale Madonnina - Loc. San Iorio

15020 SERRALUNGA DI CREA (AL) - ITALY

T (+39) 0142.9552 F (+39) 0142.940094

www.dimsport.it

RapidBike

ASSISTENZA TECNICA – TECHNICAL SUPPORT

Tel. (+39) 0142.9552

E-mail: support.rapidbike@dimsport.it

UFFICIO COMMERCIALE – COMMERCIAL DEPT.

Tel. (+39) 0142.9552

E-mail: info.rapidbike@dimsport.it



a company of
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www.rapidbike.it
