

RAPID
BIKERACING

RAPID
BIKEEVO

Kawasaki Z 900 17-24
Kawasaki Z 900 RS 18-24

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 the fuel tank.

Injection section

3. Locate and disconnect the four 2 pin grey connectors ** (Fig.1).

** On some models removing the airbox could help reaching injectors' connectors.



Fig.1

4. Connect the Rapid Bike connectors to the stock ones following this order (Fig.2): red/green wire – **Injector 1** (first injector on the left); white/black wire – **Injector 2**; blue wire – **Injector 3**; white wire – **Injector 4** (last injector on the right)



Fig.2

Crankshaft sensor section

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

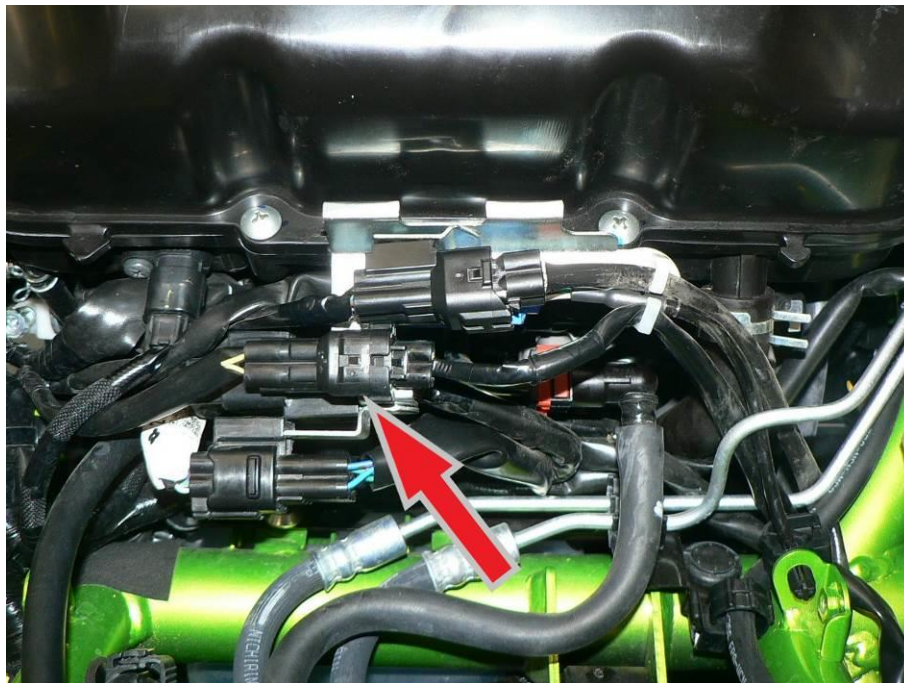


Fig.3

6. Connect the connectors of the Rapid Bike wiring (marked as **CRANK SENSOR**) in line with the stock connectors (Fig.4).

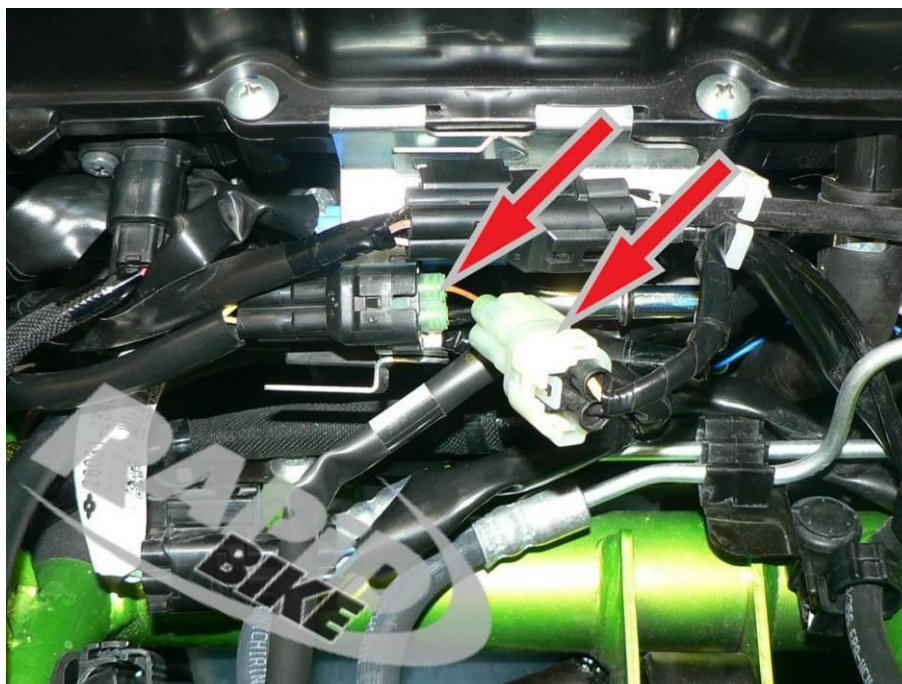
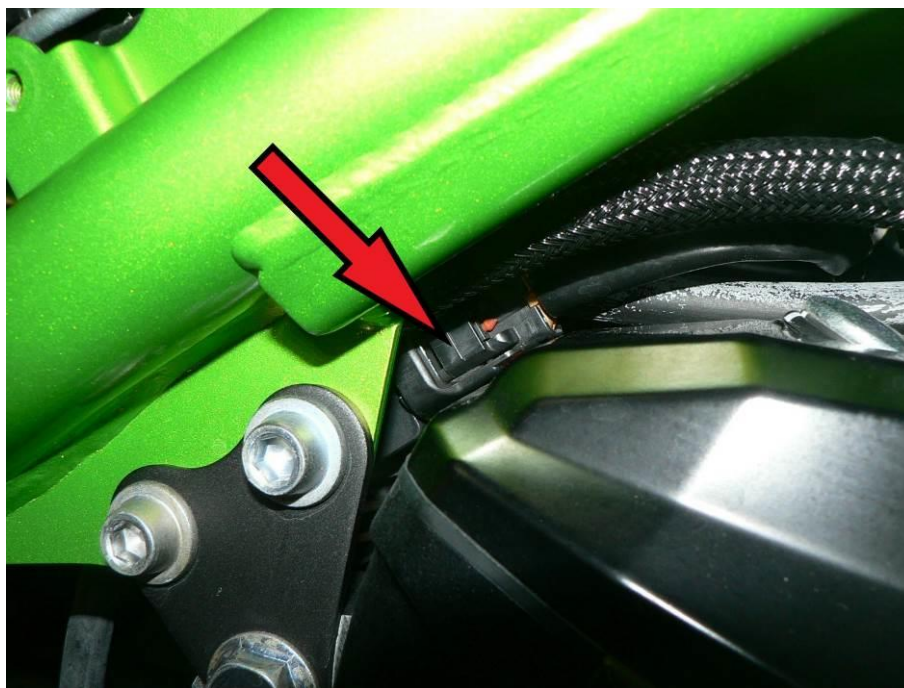


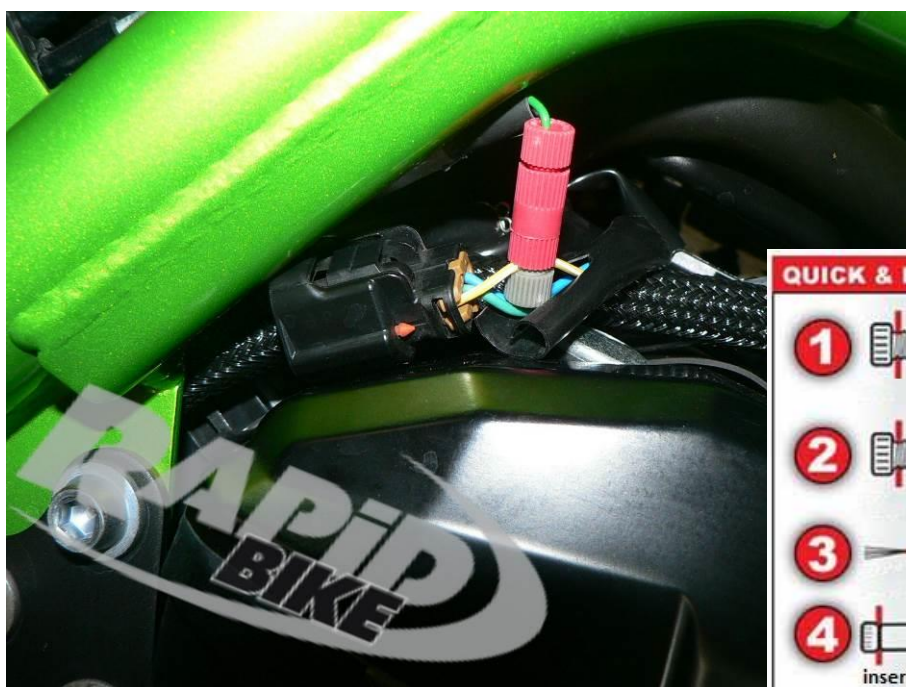
Fig.4

T.P.S. section

7. On the right side of the bike locate and disconnect the 3-pin black connector (Fig.5).

**Fig.5**

8. Using the supplied posi-tap, connect the **yellow with white stripe** wire of the T.P.S. connector to the RB harness green wire (Fig.6).

**Fig.6**

9. Place back the connector previously disconnected.

O2 sensor section

10. Locate and disconnect the 4 pin black connectors placed under the fuel tank (Fig.7).

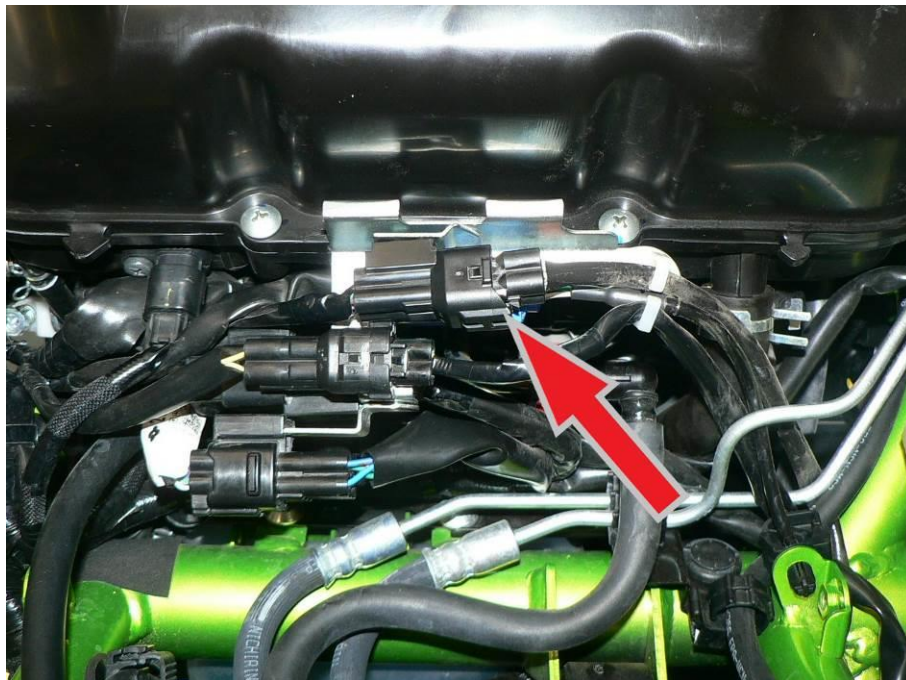


Fig.7

11. Connect the Rapid Bike connectors in line with the stock connectors (Fig.8).

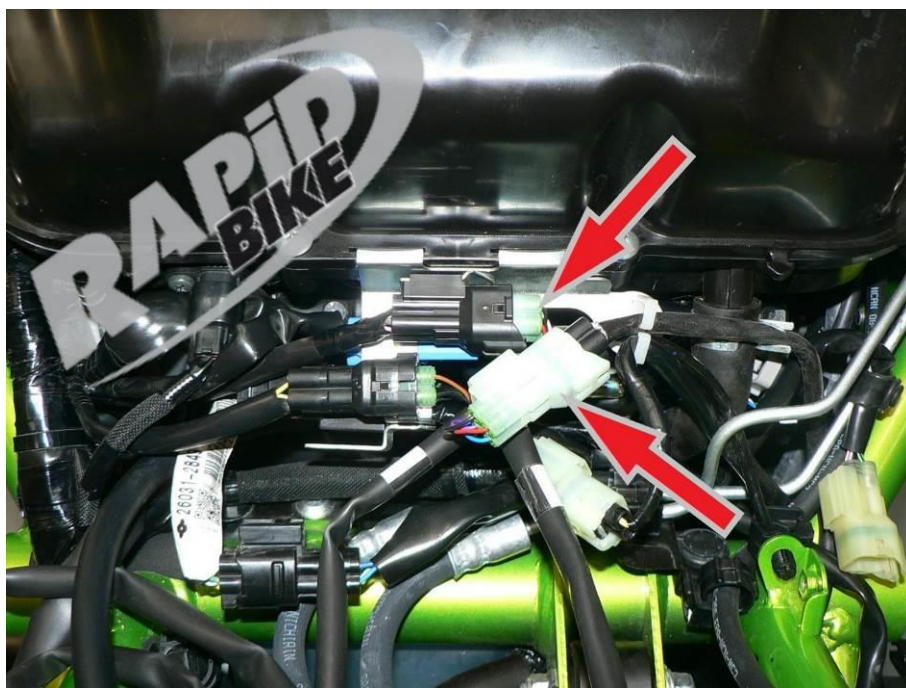
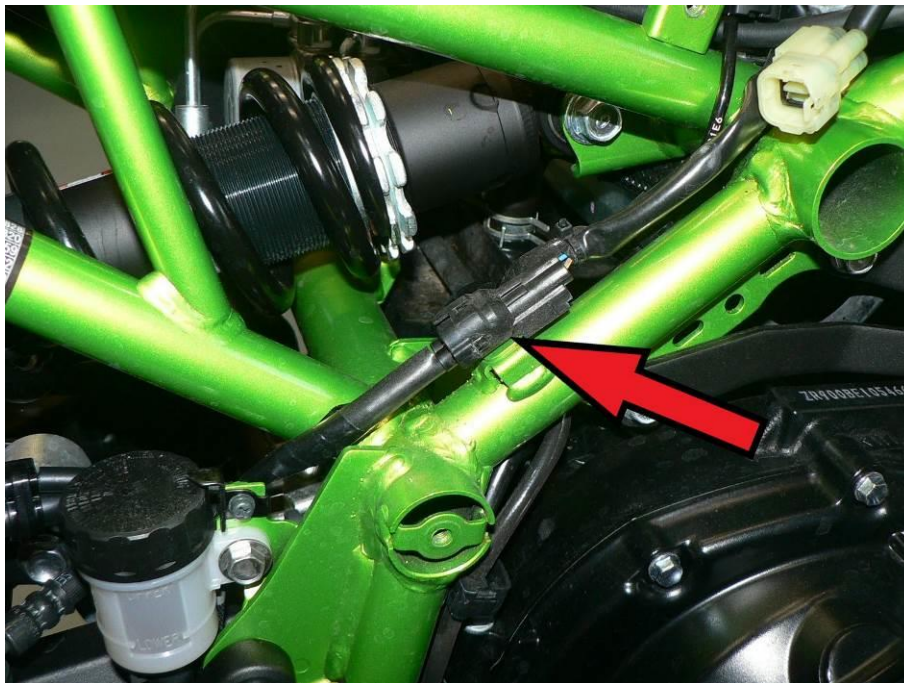


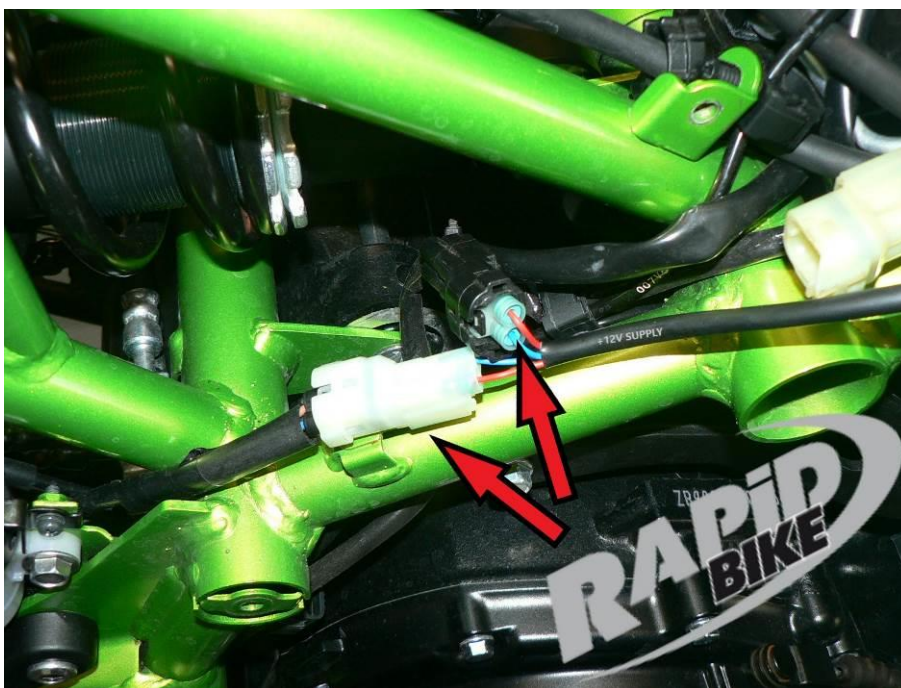
Fig.8

Feeding voltage section

12. Locate and disconnect the black 2 pin connectors of the rear brake lever switch placed on the right hand side near its oil tank.

**Fig.9**

13. Connect the Rapid Bike connectors (marked as **+12V SUPPLY**) in line with the stock connectors, in some models need to use the provided adapter **F27-AD-103**.

**Fig.10**

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



Fig.11

Final section

15. Connect the RAPID BIKE's wiring to the RAPID BIKE add on module.
16. Check the correct connection of all the connectors.
17. Place the Rapid Bike module under the seat (Fig.12).



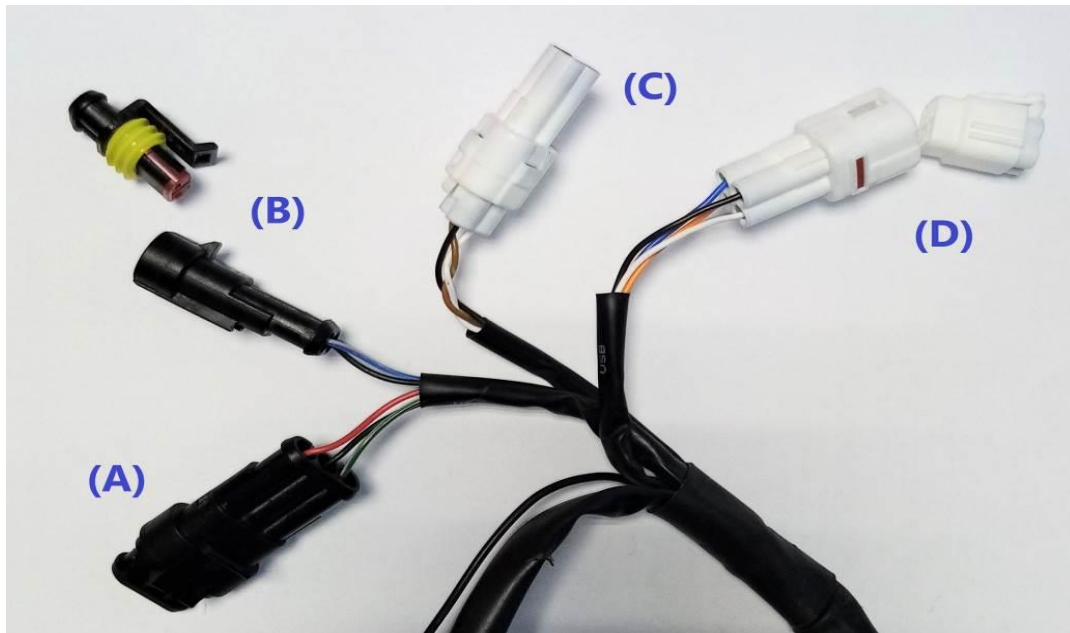
Fig.12

18. Place back the fuel tank and the seats.

Accessories section

The Rapid Bike wiring has four other connections for the accessories:

- A) Connection (aux. 3 pins) for power supply and use of optional accessories such as quick shifter QS/Blipper, Pit-Lane limiter and You_Tune
- B) Connection for using the maps switch (aux. 2 pins)
- C) CAN line connection (3 pins) for communication with optional modules My Tuning etc.
- D) USB connection (4 pins) for PC adapter or Bluetooth module



Warning: Connectors for accessories that are not being used should be end up with the matching provided caps.

Online features

Below are useful links for information and online help:

<https://www.dimsport.it/en/rapid-bike/>

<https://reserved.dimsport.com/kb/Filemanager.aspx?id=1032>



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