



Honda CRF 1100 L Africa Twin 20-22

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
3. and the fuel tank.

Injection / Feeding voltage section

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



Fig.1

5. Connect the Rapid Bike connectors in-line with the stock harness and the injectors (**Fig.2**). Follow this order:

INJECTOR 1 – left injector

INJECTOR 2 – right injector

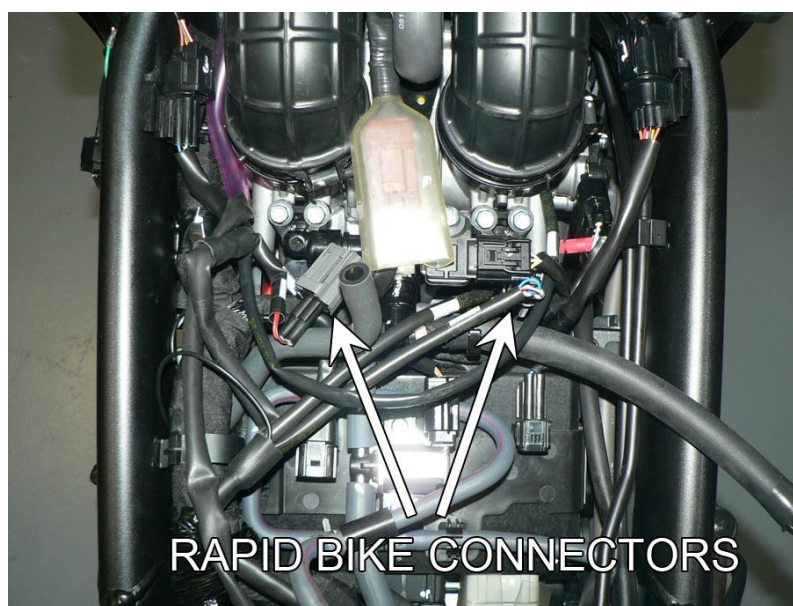


Fig.2

Crankshaft Position Sensor section

6. Locate and disconnect the grey 3 pin connector placed under the engine on left side (**Fig.3a - 3b**).

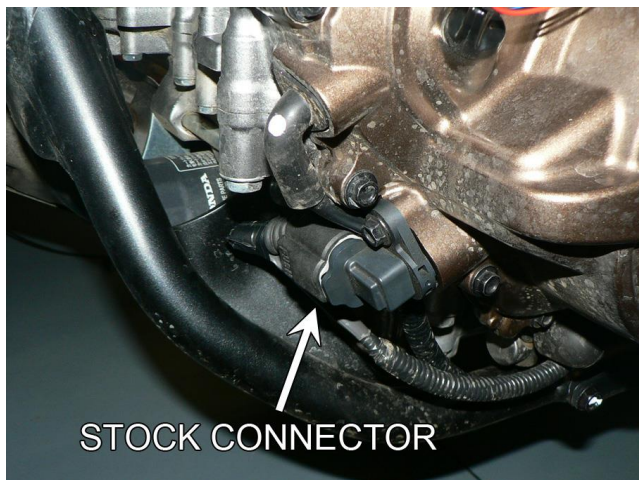


fig. 3a



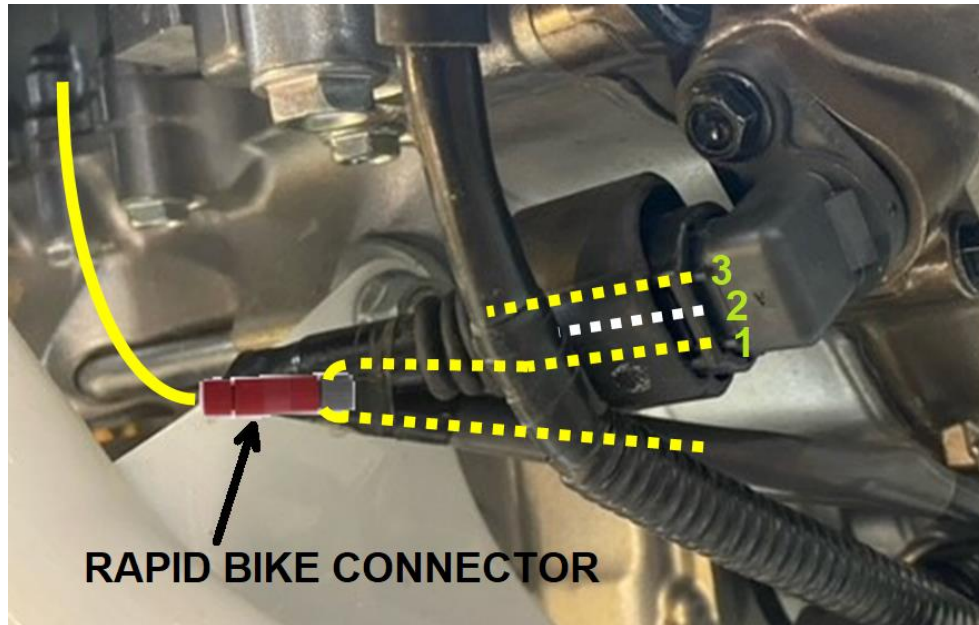
fig. 3b



7. Unsheathe part of the cable near the connector cap and remove it to identify the yellow wire corresponding to pin 1.

Pay attention that also from pin 3 comes out another yellow wire which must not be used.

7a. Using the provided posi-tap, connect the YELLOW wire of the Rapid Bike harness (labeled as CRANCK SENSOR) to the yellow wire indicated above; plug the connector back in its position. (**fig.4**).



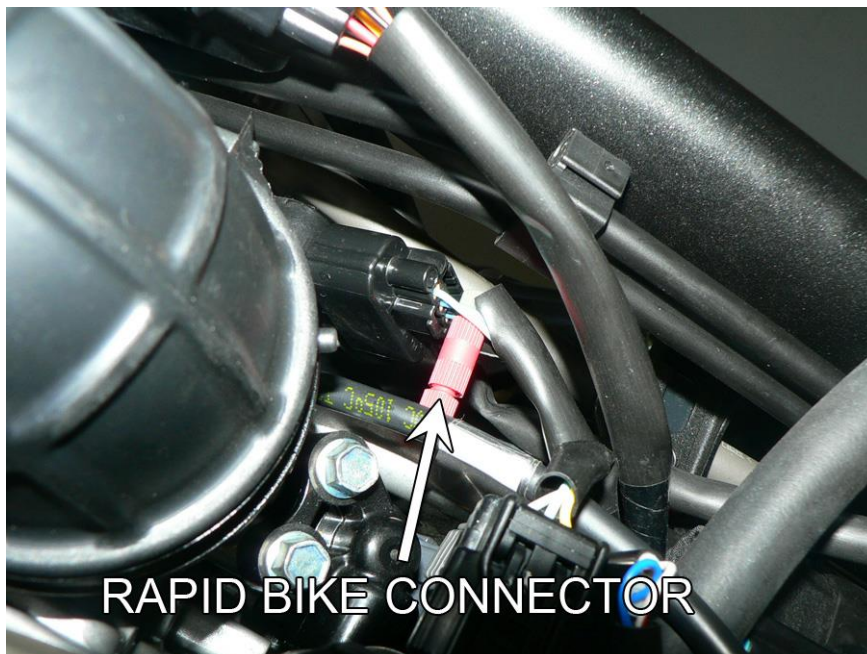
7b. After this job, carefully reposition the headset and tape very well the cables and the RB plug to avoid water and dirt infiltration.

T.P.S. section

8. Locate the black 6 pin connector placed on the right side of the throttle body (Fig.5).

**Fig.5**

9. Connect the green wire of the Rapid Bike harness to the blue wire with black stripe on stock connector, using the provided posi-tap connector (Fig.6).

**Fig.6**

O2 sensor section

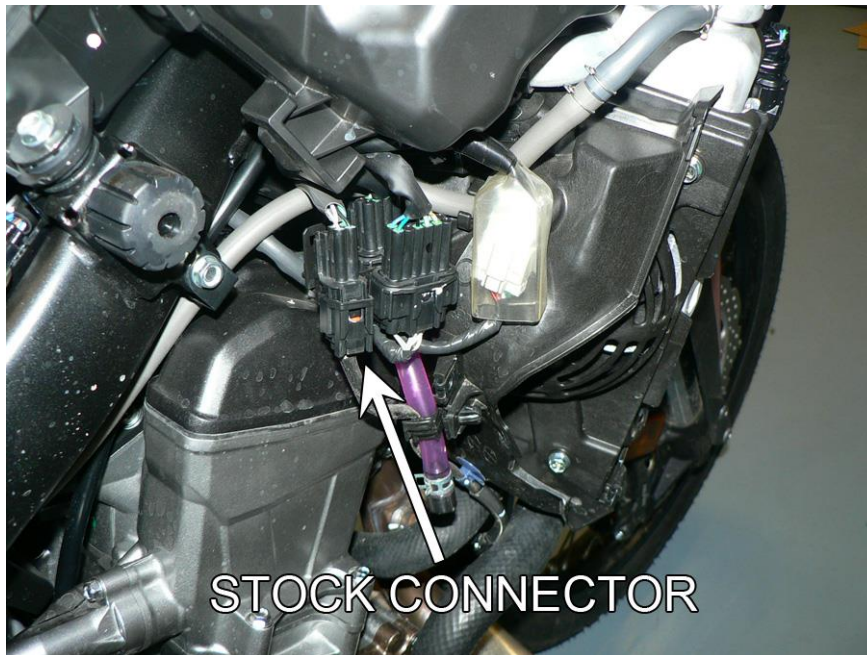
10. Locate and disconnect the black 4 pin connector placed on the left side near the cooling fan (**Fig.7**).

**Fig.7**

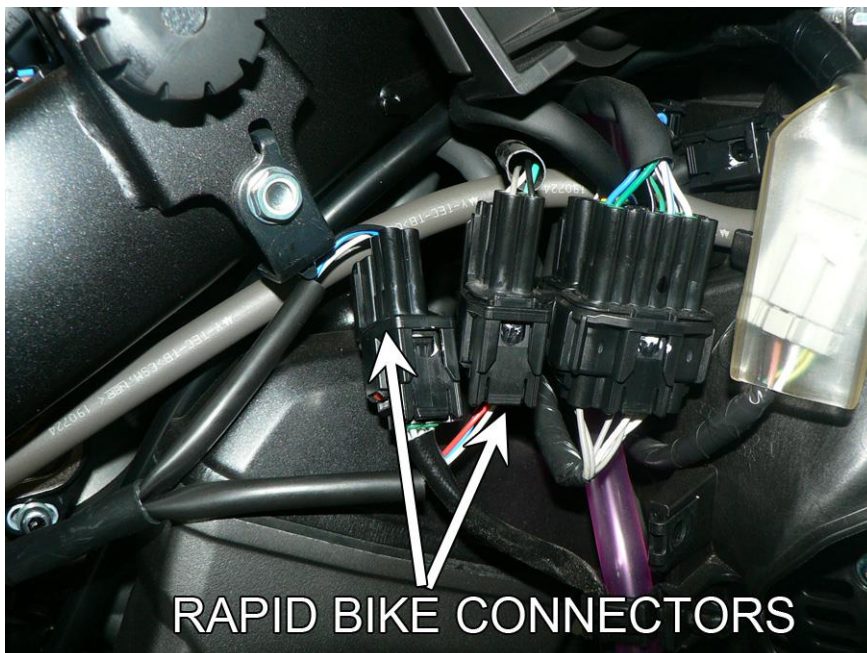
11. Connect the Rapid Bike connectors marked as **O2 SENSOR 1** in-line with the stock harness (**Fig.8**).

**Fig.8**

12. Locate and disconnect the black 4 pin connector placed on the right side near the engine head (**Fig.9**).

**Fig.9**

13. Connect the Rapid Bike connectors marked as **O2 SENSOR 2** in-line with the stock harness (**Fig.10**).

**Fig.10**

Final section

14. Connect the ground lug of Rapid Bike harness to the negative side of the battery (Fig.11).



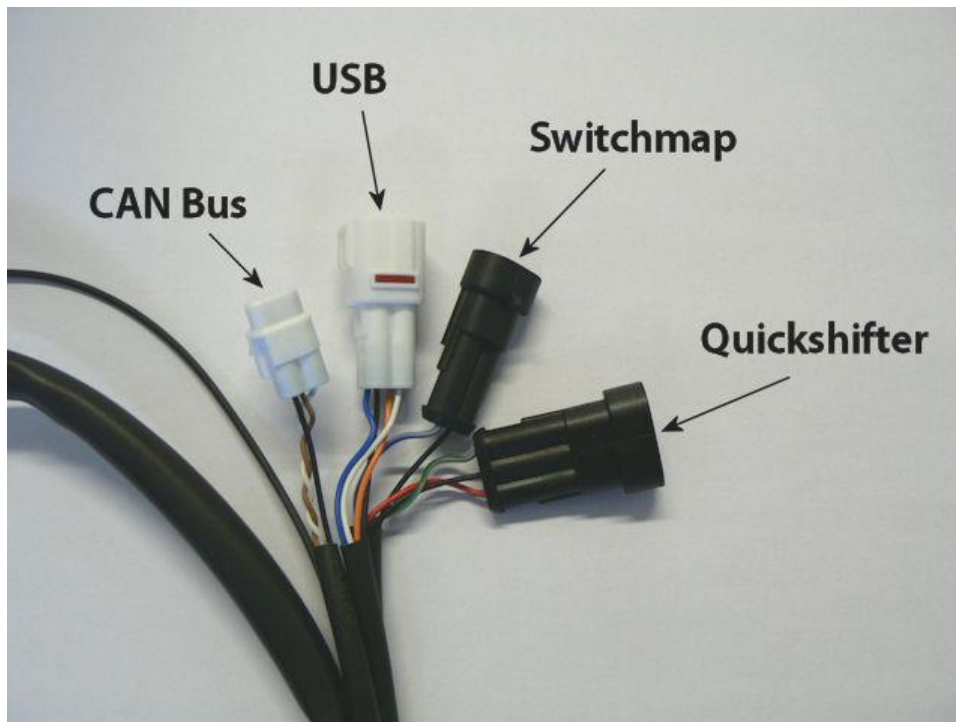
Fig.11

15. Connect the Rapid Bike module to the wiring.
16. Check the correct connection of all connectors.
17. Place the Rapid Bike module under the passenger seat.
18. Place back the fuel tank and the seats.

Accessories section

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

- Connection for the CAN Bus interface (white 3 pin connector)
- Connection for the USB (white 4 pin connector) for PC or Bluetooth module
- Connection for the handlebar switchmap (black 2 pin connector)
- Connection (black 3 pin connector) for powering and using optional accessories such as QS/Blipper quick shifter, Pit-Lane limiter and You_Tune



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