Advanced Rider Assistant
Supplementary Manual

Secure the bike on a stand.

Remove the seat, the side fairings and the fuel tank to gain access to the ignition coil connectors.

Plug the ARA connectors in-line with the ignition coil connectors.

MV Agusta F4 Biposto 1078 2008-2009 (ARA-1 + ARA-K4G + ARA-D12)

Connect the ARA Black wire terminal to the chassis ground terminal.
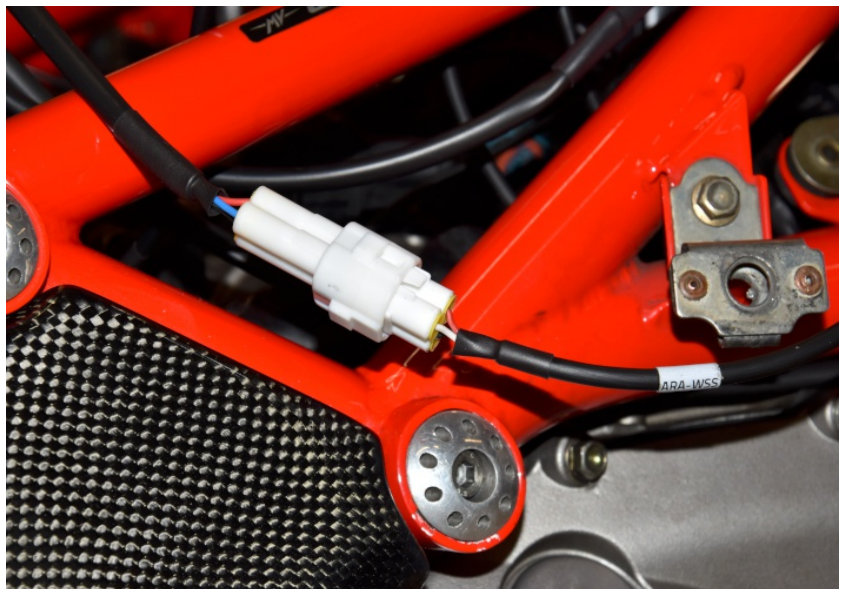

Mount the supplied disk and wheel speed sensor at the front wheel.

(Reinstall the brake disk as per the bike's service manual. For safety, you may use threadlocker to make sure the nut or bolt won't get loose due to vibrations. Adjust and tighten the sensor so that the sensor's tip will be in the centerline of the targets. The air-gap should be about 1mm.)
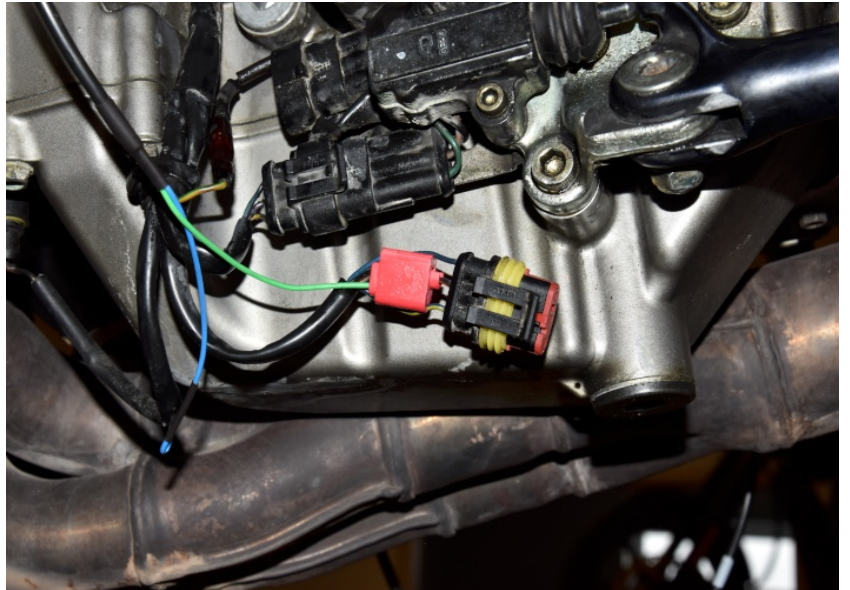

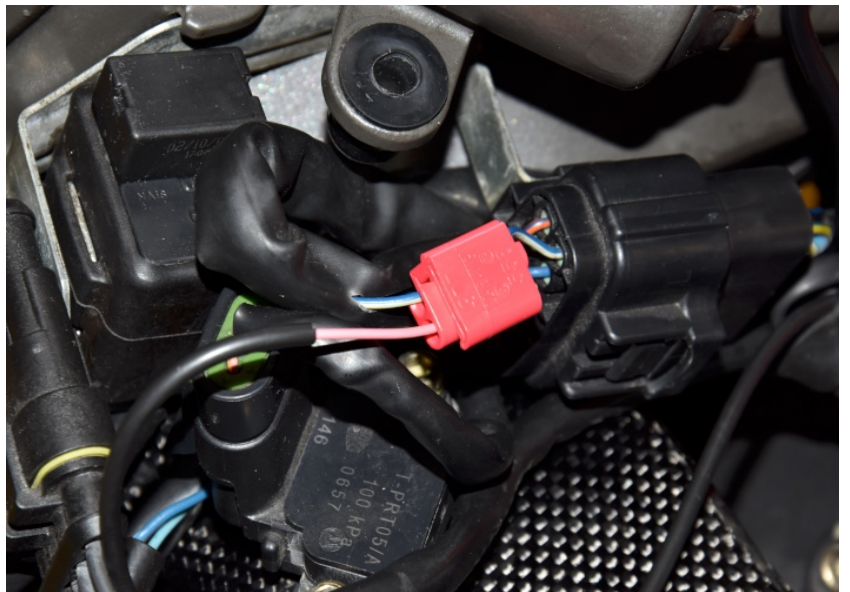Connect the 3-pole sensor connector to the ARA wiring.

Splice the ARA Green wire to the Black/Brown wire of the speed sensor connector.

Optional:

Connect the ARA Pink wire to the Blue/White wire of the Clutch switch.

While the connector is connected, turn ignition on. Measure the voltage (DC 20V setting) on the wires, at the back side of the plug. You need to use the wire where the voltage value changes while you pull the clutch lever. Alternatively check the clutch switch indication in the ARA application on your phone.

Mount the switch onto the handlebar.

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Mount the LED indicator on the dashboard.

Typical position for the ARA module.

Secure the unit properly.