

Advanced Rider Assistant Supplementary Manual



MV Agusta Brutale 910 Euro 2 spec 2005-2007 (ARA-1 + ARA-K1U + ARA-D12)

Secure the bike on a stand.



Remove the seats and the side fuel tank covers.

Remove the ignition switch cover.

Remove the fuel tank and the airbox.



Locate the ignition coil connectors.

Connect the ARA Red wire to the
Green/Red wire of the 4th cylinder coil.

*Pay attention there are two Green/Red wire
on this coil connector! Use the one that
connects the 1st and 4th cylinder coil.*

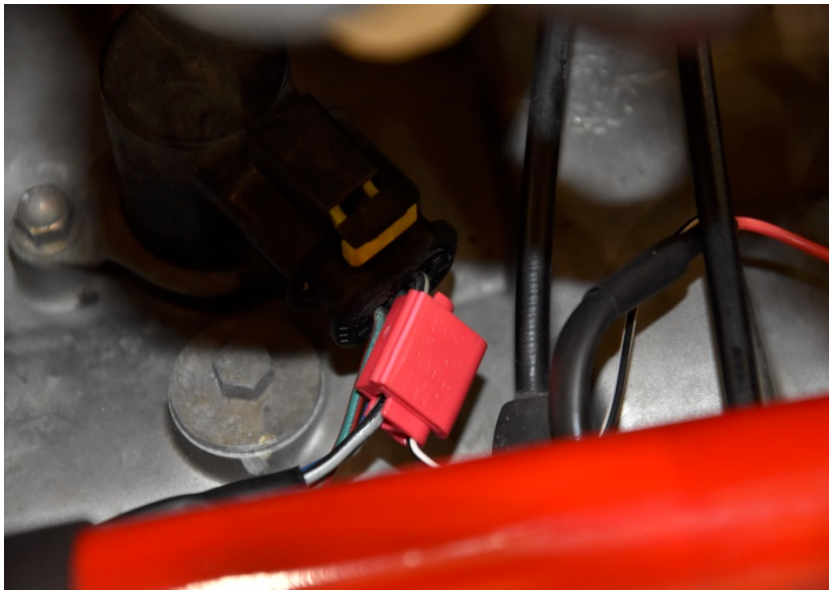


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Connect the ARA Black/White wire to the Grey/Black wire of the 3th cylinder coil.



Connect the ARA White wire to the Brown/White wire of the 1st cylinder coil.



Connect the ARA Black wire terminal to the battery negative terminal.



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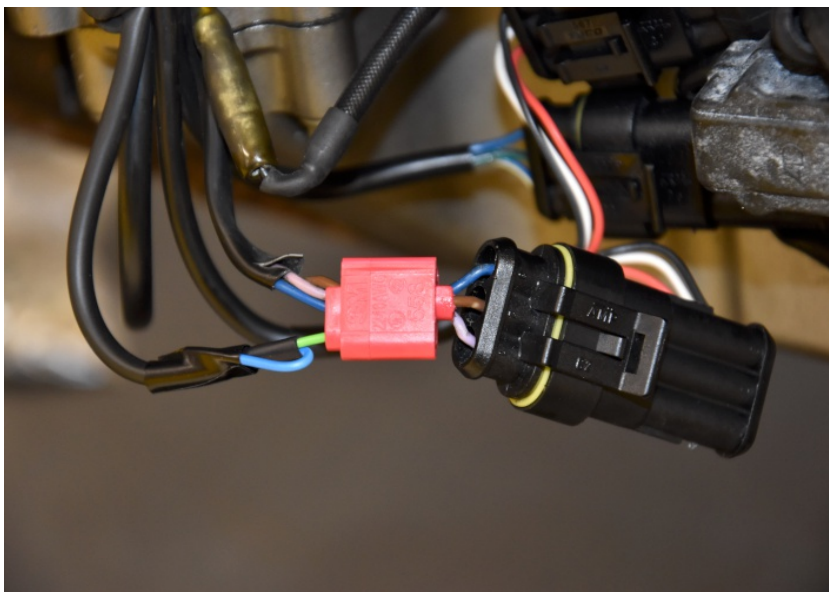
Mount the supplied disc and wheel speed sensor at the front wheel.

(For the disc mounting see the Front Disc Mounting all bikes without ABS supplementary manual. Reinstall the brake disc 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.)



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

Connect the 3-pole front wheel speed sensor connector to the ARA wiring.



Optional:

Connect the ARA Pink wire to the Yellow/Blue wire of the Clutch switch under the headlight cover.

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.



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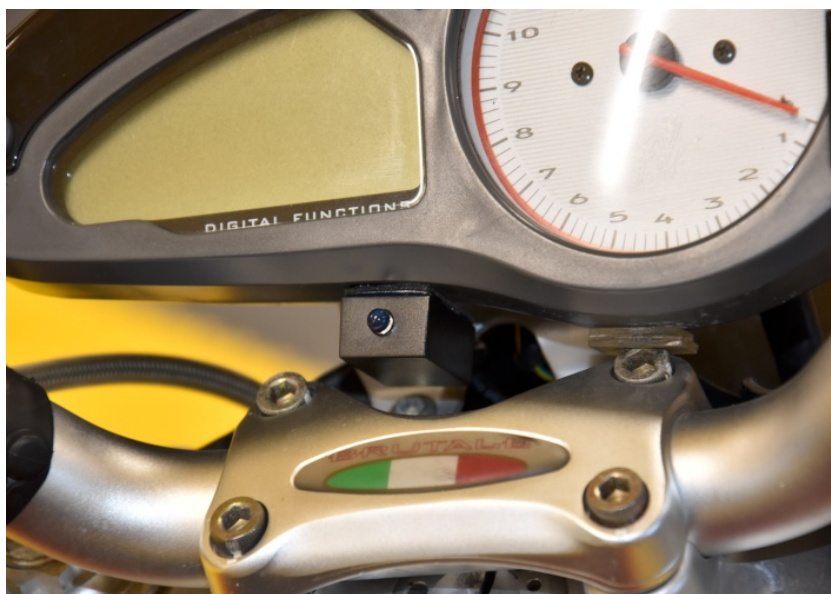


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Mount the switch onto the handlebar.



Mount the LED indicator on the dashboard.



Typical position for the ARA module.

Secure the unit properly.

