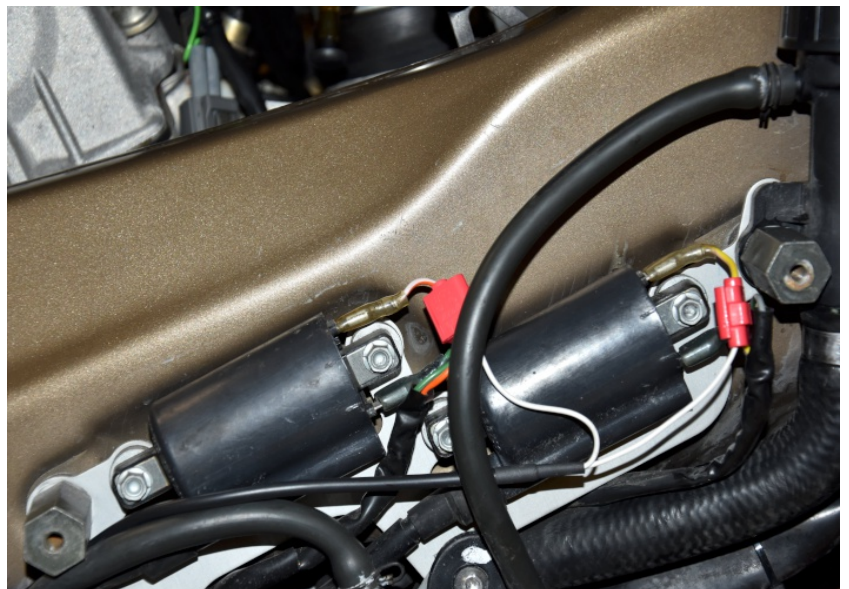# Advanced Rider Assistant
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Secure the bike on a stand.

Remove the seats, the side fairings and lift up the fuel tank.

Plug the ARA White connectors to the ignition coil connectors Yellow and White/Red wire.

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Plug the ARA White connectors to the ignition coil connectors Blue/White wire.

Plug the ARA Red connectors to the ignition coil connectors Green/White wire.

Plug the ARA Black/White connectors to the ignition coil connectors Yellow/Blue wire.
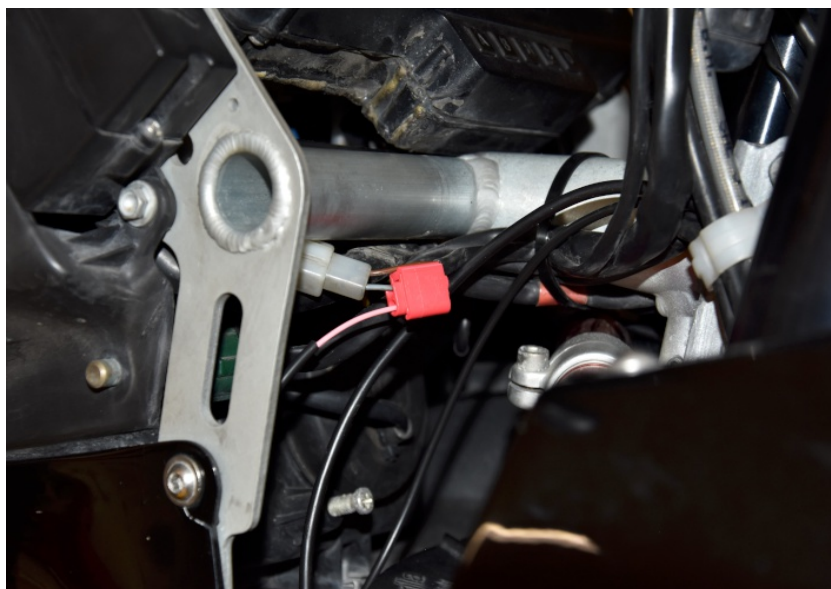

Connect the ARA Black wire terminal to the battery negative terminal.

Optional:
Connect the Pink ARA wire to the Grey wire of the Clutch switch at the Transparent clutch connector below the dashboard.

(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 supplied disk and wheel speed sensor at the front wheel on the left side.

(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.)

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

(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.)

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.