Advanced Rider Assistant
Supplementary Manual

Secure the bike on a stand.

Remove the seats and the black covers from the fuel tank.

Remove the fuel tank and the airbox.
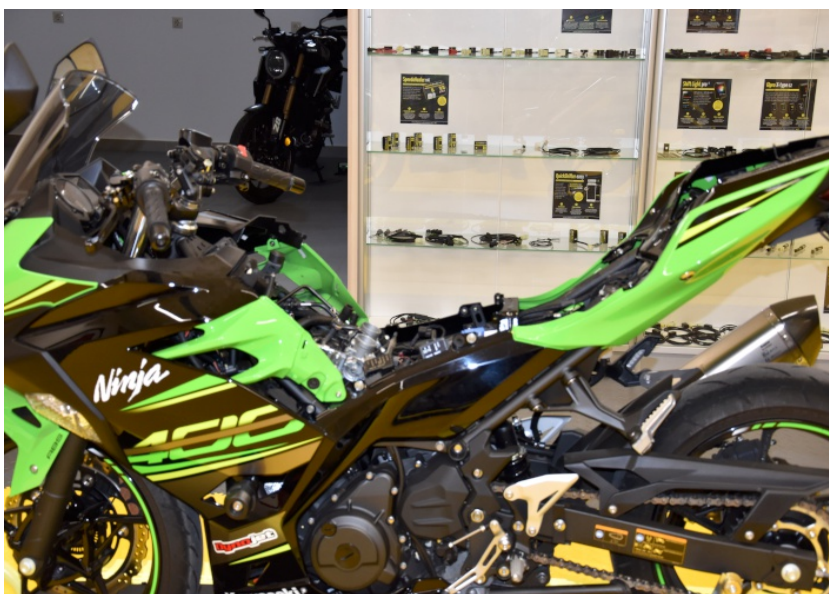
Use the following connections without the iQSE:

Plug the ARA connectors in-line with the ignition coil connectors.
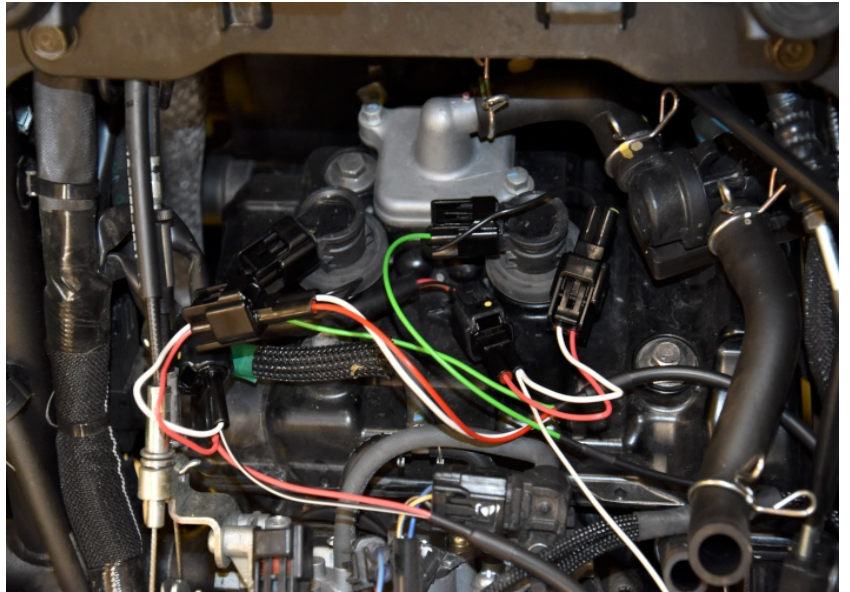
Kawasaki Ninja 400 ABS 2018- (ARA-1 + ARA-K2B + ARA-WSS)

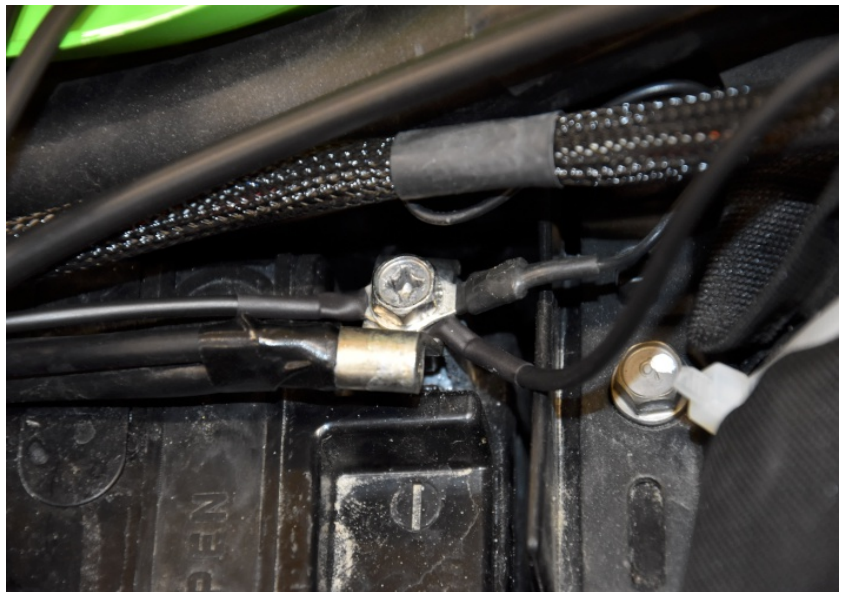Use the following connections with the iQSE:

Connect the QSH connectors to the ignition coil connectors.

Plug the ARA connectors in-line with the QSH free connector and the bike harness plug.

(Bike harness plug -> ARA plugs -> QSH plugs -> ignition coil plug.)

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

Mount the wheel speed sensor at the front wheel.

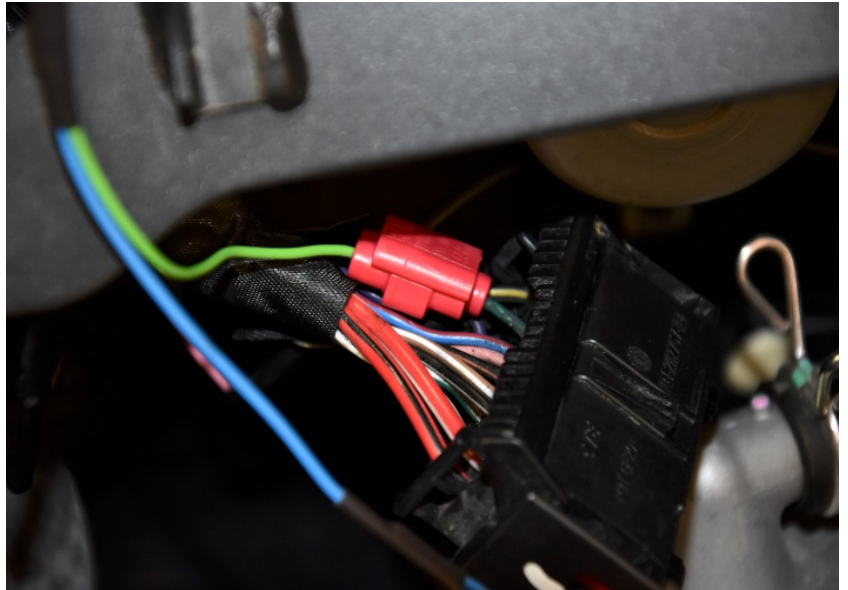Connect the 3-pole front wheel speed sensor connector to the ARA wiring.

(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.)

Kawasaki Ninja 400 ABS 2018- (ARA-1 + ARA-K2B + ARA-WSS)

Locate the Black ABS module connector under the fuel tank.

Splice the ARA Green wire to the Green wire of the ABS connector.

Optional:

Connect the ARA Pink wire to the Red/Green 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.)
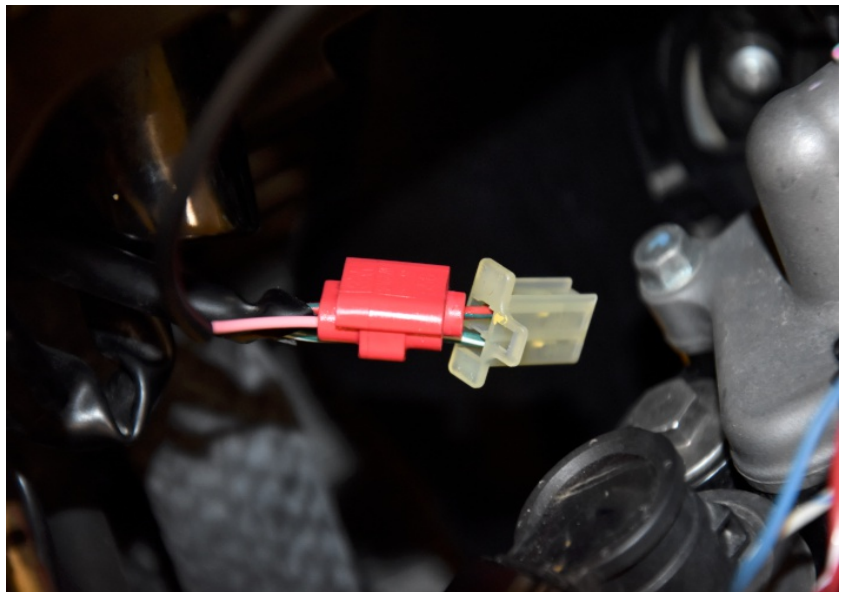
Mount the switch onto the handlebar.

Kawasaki Ninja 400 ABS 2018- (ARA-1 + ARA-K2B + ARA-WSS)

Mount the LED indicator on the dashboard.

Typical position for the ARA module.

Secure the unit properly.