Advanced Rider Assistant
Supplementary Manual

Yamaha XTZ690 ABS Tenere 700 2021- (ARA-1 + ARA-K2A)

Secure the bike on a stand.

Remove the seats.

Remove the the side fairings.

Remove the plastic covers from the fuel tank.

Remove the fuel tank.

Use the following connections without the iQSE:

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

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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.

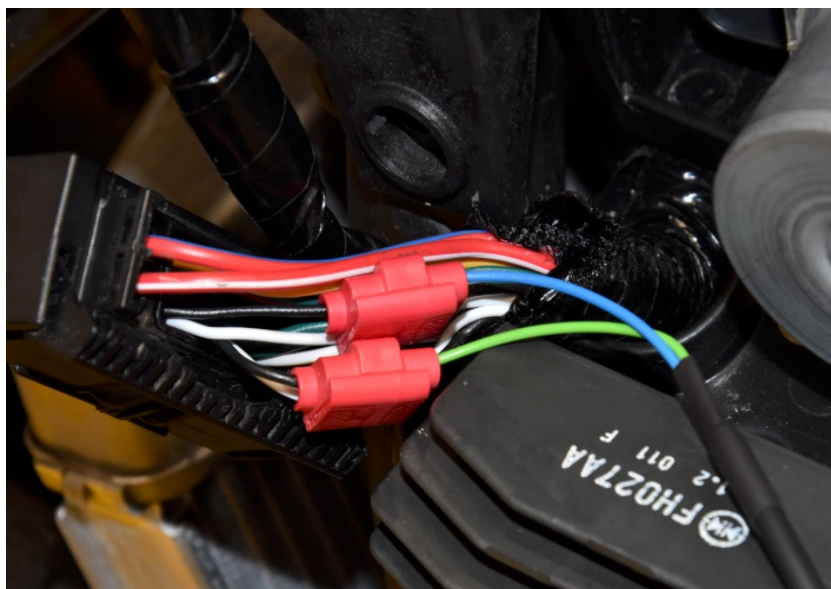*(Bike harness plug -> ARA plugs -> QSH plugs -> ignition coil plug.)*

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

Locate the ABS connector below the fuel tank.

Splice the ARA Green wire to the Black wire of the ABS ECU. (Pin #6)

Splice the ARA Blue wire to the Black wire of the ABS ECU. (Pin #8)

Optional:

Connect the Pink ARA wire to the Black/Yellow 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.)
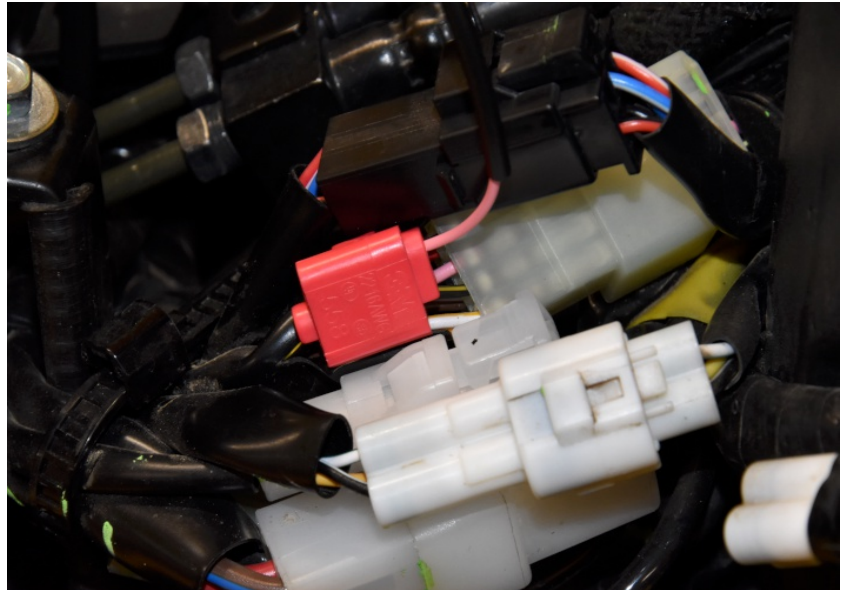
Mount the switch onto the handlebar.

Mount the LED indicator on the dahboard.

Typical position for the ARA module.

Secure the unit properly.