

Yamaha MT-09 ABS TC Tracer 2015-2020 (ARA-1 + ARA-K4A)

Secure the bike on a stand.



Remove the seats.

Remove the side fairings.

Remove the plastic covers from the fuel tank.

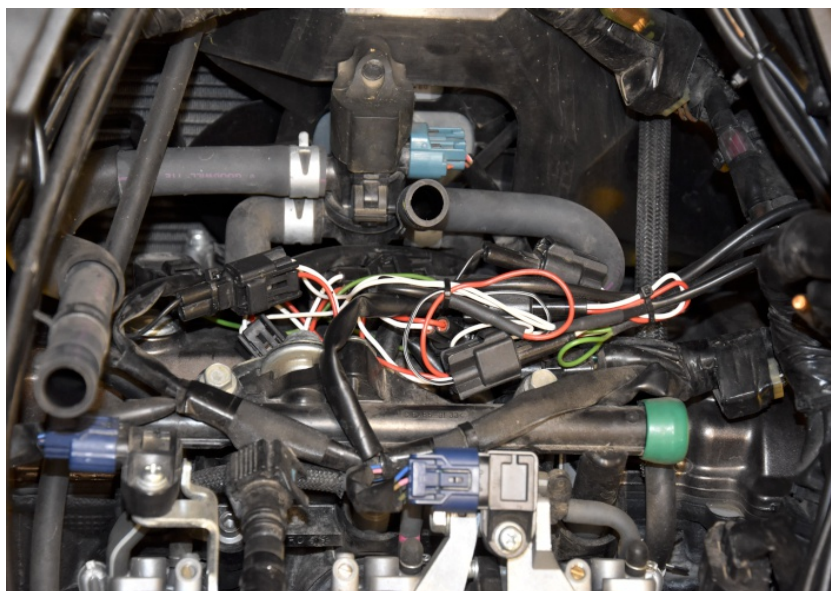
Remove the fuel tank and the airbox.



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

On this photo the ARA used together with the iQSE quickshifter. The iQSE plugs should always be the last in the chain i.e. connected directly to the ignition coil plugs.

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

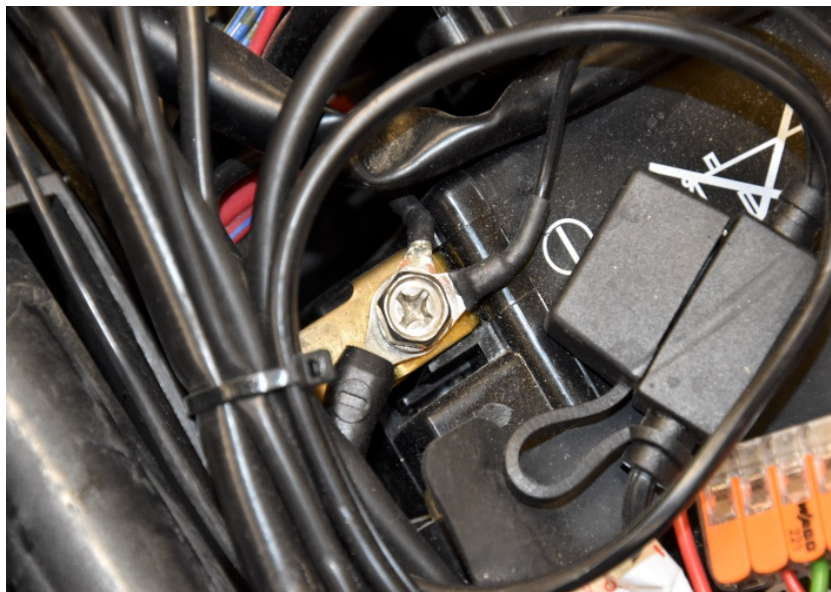


Advanced Rider Assistant Supplementary Manual



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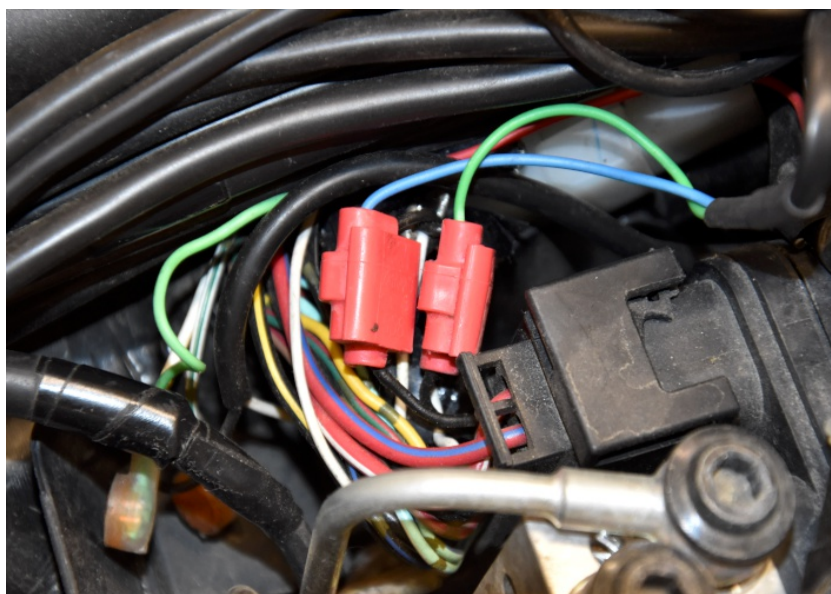
Connect the ARA Black wire terminal to the battery negative terminal.



Locate the black ABS module connector under the main seat.

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

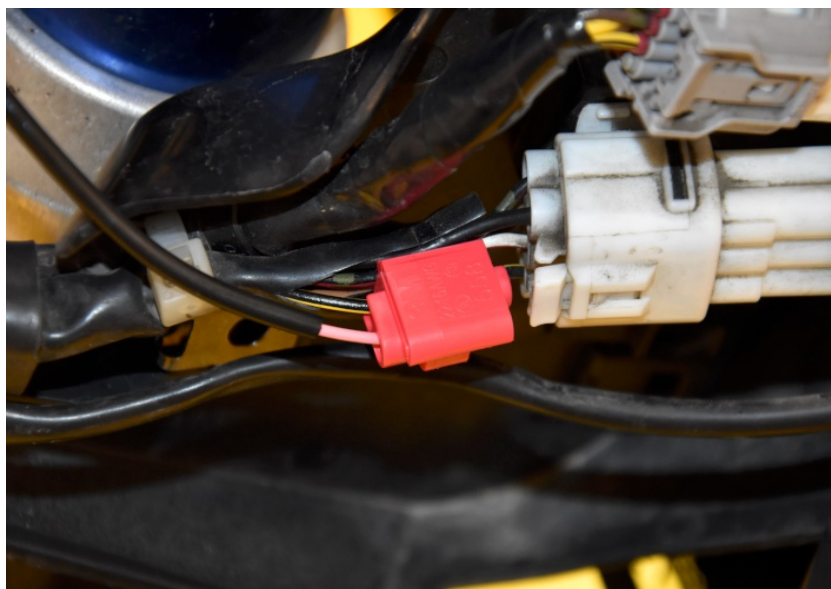
Splice the ARA Blue wire to the Black wire of the ABS connector.(Pin #8)



Optional:

Connect the ARA Pink wire to the Black/Yellow wire of the Clutch switch at the white 6-pole multi connector on the left side.

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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Mount the switch onto the handlebar.



Mount the LED indicator on the dashboard.



Typical position for the ARA module.

Secure the unit properly.

