

Yamaha YZF-R3 ABS 2020 (ARA-1 + ARA-K2T)

Secure the bike on a stand.

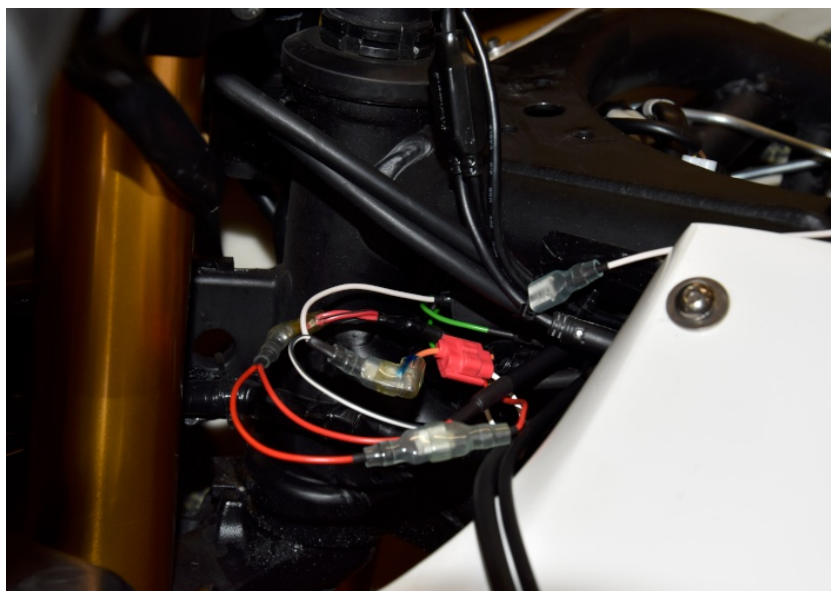


Remove the seats and the side fairings.



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.)



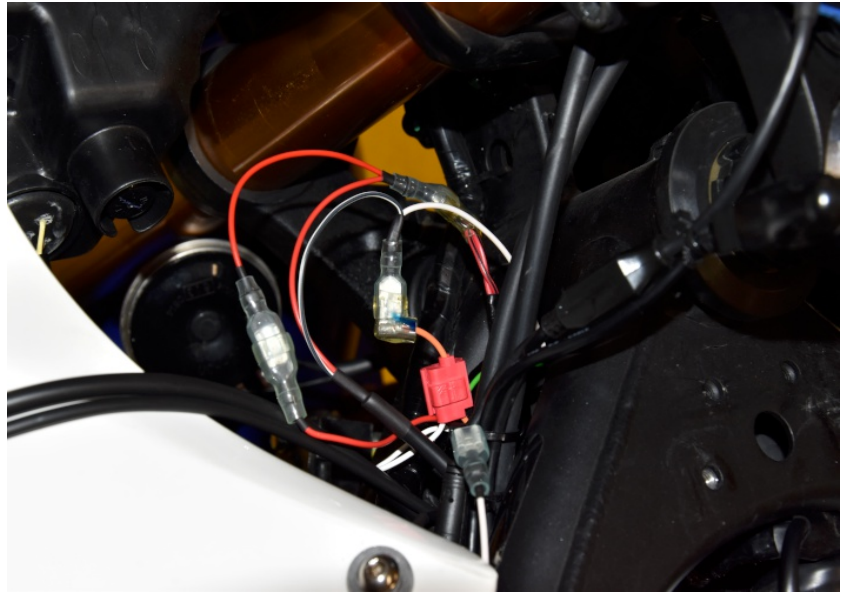
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Use the following connections without the iQSE:

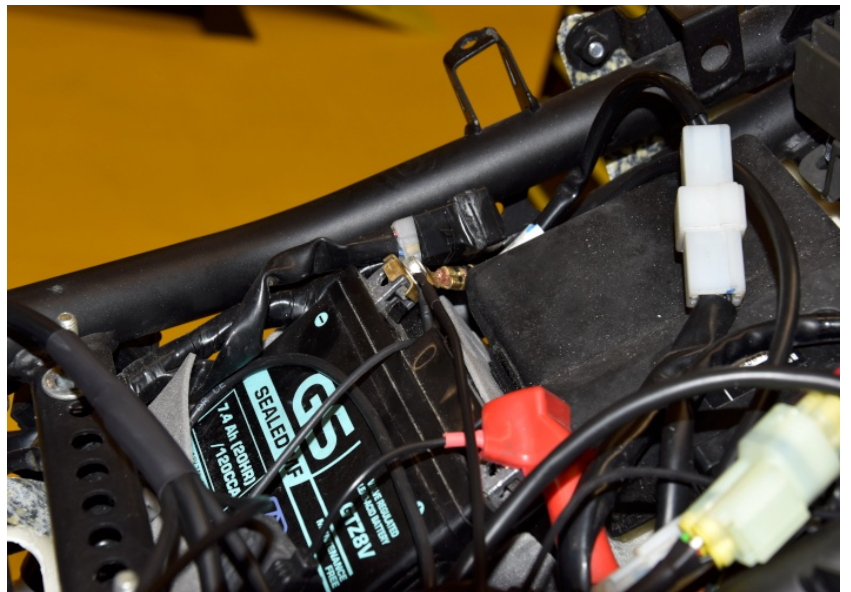
Connect the ARA Red wire in-line with the Red/Black wire of the ignition coil.

Connect the ARA White/Black wire in-line with the Orange wire of the ignition coil.

Connect the ARA White wire in-line with the Gray/Red wire of the ignition coil.



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



Connect the Pink ARA wire to the Yellow/Black wire of the Clutch switch behind the clutch lever.

(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.)

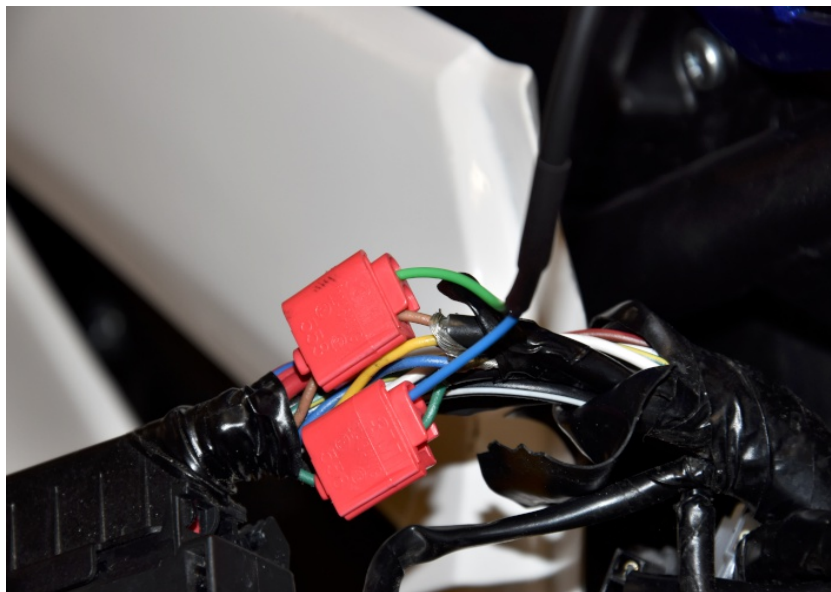


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Locate the ABS ECU connector under the seat.

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

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



Mount the switch onto the handlebar.



Mount the LED indicator on the dashboard.



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Typical position for the ARA module unit.

Secure the unit Properly.

