

Benelli TRK 251 ABS 2018- (ARA-1 + ARA-K2T)

Secure the bike on a stand.



Remove the seats and the side fairings.

Remove the fuel tank cover and remove
the fuel tank.



Locate the ignition coil terminals under
the fuel tank on the right side.



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Take off the Yellow/White terminal from the coil.

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

Take off the White/Black terminal from the coil.

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

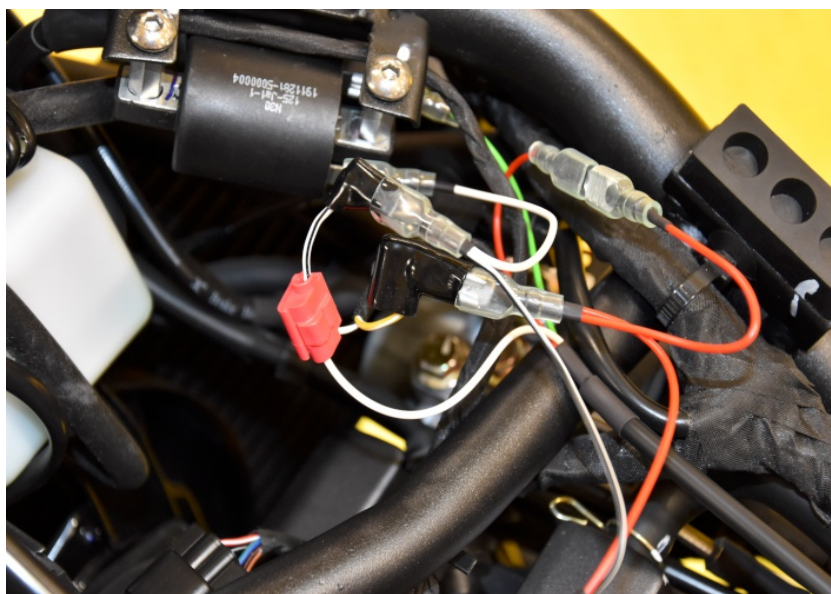
Isolate the unused terminals with tape.



If the ARA is used together with the iQSE quickshifter, connect the terminals in this order:

Bike Yellow/White female terminal ->
ARA Red male terminal -> ARA Red
female terminal -> QSH Red male
terminal -> QSH Green female terminal
-> Ignition coil male terminal.

Bike White/Black female terminal -> ARA
White male terminal -> ARA White
female terminal -> Ignition coil male
terminal.



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



Advanced Rider Assistant Supplementary Manual

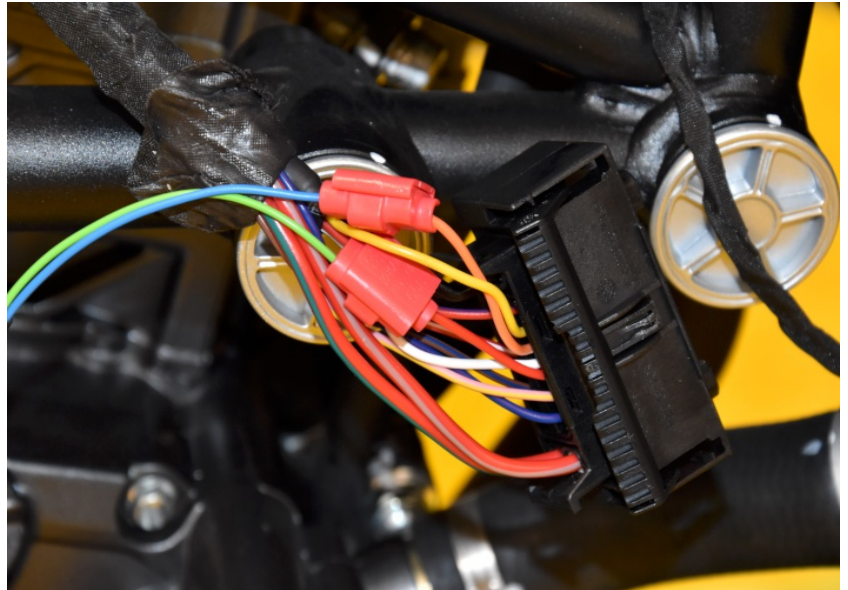


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Locate the Black ABS module connector under the fuel tank on the right side.

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

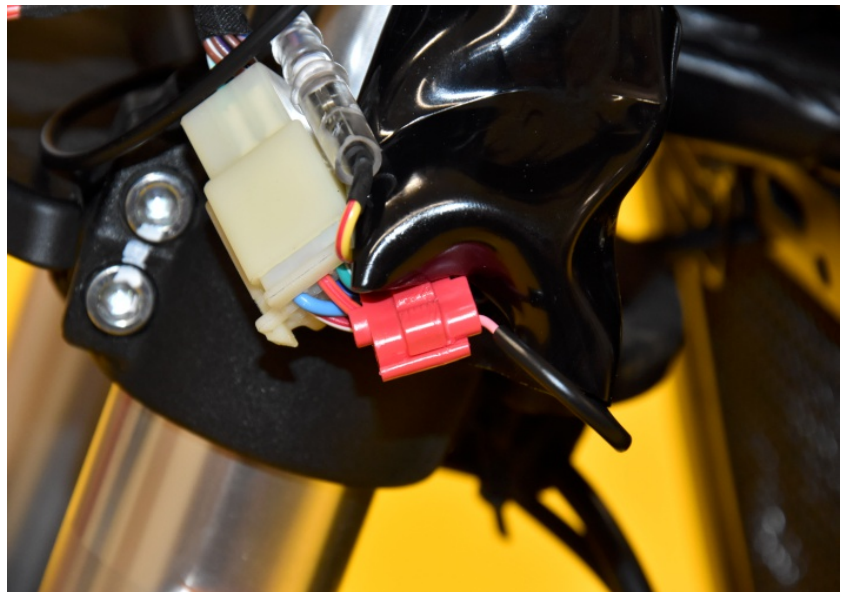
Splice the ARA Blue wire to the Orange wire of the ABS connector.



Optional:

Connect the ARA Pink wire to the Orange/Red wire of the clutch switch under the headlight. The other side of the connector the wire is Light Green/White.

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.

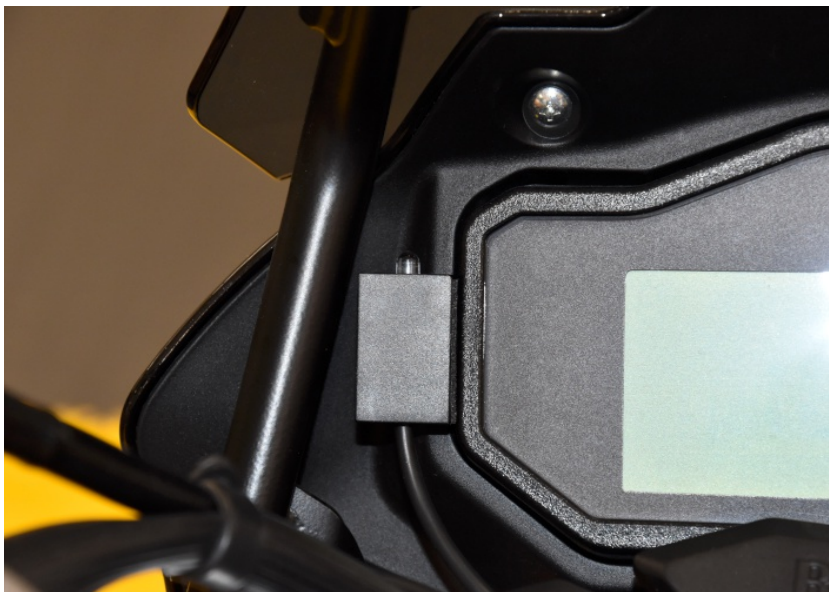


Mount the switch onto the handlebar.



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Mount the LED indicator on the dashboard.



Typical position for the ARA module.

Secure the unit properly.

Attention!

The PIT-lane limiter and the Launch control can't be used on this model due to the factory electronics.

The Anti-Wheelie and Traction Control system working properly.

