

Technical Manual



04.025.01

REMOVE AND INSTALL VCU

STARK FUTURE



SAFETY WARNINGS

Observe your local health and safety guidelines. Ensure a safe working environment. Wear appropriate protective gear. Deviating from the prescribed order may result in injury or damage to the products.



TOOLS

- TRX 45
- TRX 30
- TRX 25



OPERATION TIME

20 Minutes

REMOVAL



WARNING

Before proceeding with any work on the bike, make sure it is turned off and the charger disconnected.



NOTE

Every VCU is coded to a specific VIN. VCU's should not be swapped with other VIN's.

- 1 Disconnect the handlebar controls.
Refer to:



06.030.07

[Disconnect and reconnect handlebar controls ↗.](#)

2 Remove the front fender. Refer to:



01.005.01

[Remove and install front fender ↗.](#)

3 Remove the carbon fiber spoiler assembly. Refer to:



01.007.01

[Remove and install carbon fiber spoiler assembly ↗.](#)



WARNING

Please take all the necessary precautionary measures to handle high voltage components. High voltage components should only be handled by qualified personnel.

- 4 Disconnect the CAN BUS connector.
- 5 Install the protective cover onto the CAN BUS socket on the battery.
- 6 Disconnect the battery power plug.
- 7 Install the protective cover onto the power socket on the battery.

- 8** Disconnect the main wiring harness VCU socket.
- 9** Untighten the VCU side bolts.
- 10** Untighten the VCU upper bolt.
- 11** Remove VCU.

INSTALLATION



WARNING

Before proceeding with any work on the bike, make sure it is turned off and the charger disconnected.

- 1 Hold the VCU in place.
- 2 Tighten the VCU top bolt by hand until VCU is secured in place.
- 3 Tighten the VCU side bolts to 5 Nm.
- 4 Tighten the VCU top bolt to 5 Nm.
- 5 Connect the VCU socket.



WARNING

Please take all the necessary precautionary measures to handle high voltage components. High voltage components should only be handled by qualified personnel.

- 6 Remove the protective cover onto the power socket on the battery.
- 7 Connect the battery power plug.
- 8 Remove the protective cover onto the CAN BUS socket on the battery.
- 9 Connect the CAN BUS connector.

10 Install the carbon fiber spoiler assembly. Refer to:



01.007.01

[Remove and install carbon fiber spoiler assembly ↗.](#)

11 Install the front fender. Refer to:



01.005.01

[Remove and install front fender ↗.](#)

12 Disconnect the handlebar controls. Refer to:



06.030.07

[Disconnect and reconnect handlebar controls ↗.](#)



WARNING

Turn ON the bike and connect to the Stark phone to check battery status and that the bike is operating normally after disconnecting electronic components.

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ENG 2023-08

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