SercoMoto

SercoCAN BMW R1300

Installation Guide / English

This guide explains how to access the battery and XDWA connector, connect SercoCAN to the motorcycle CAN bus and connect its power leads.

1 Access the installation area

Remove the rider and pillion seats. If heated seats are fitted, unplug the heating connectors under both seats.

2 Switch off and disconnect the battery

Turn the ignition OFF, move the key away and wait for the motorcycle electronics to enter sleep mode. Disconnect the battery negative terminal (−) first, then the positive terminal (+), to prevent a short circuit if a tool touches the frame.

3 Locate the XDWA connector

The XDWA connector has one of two configurations, depending on whether the optional BMW anti-theft alarm is fitted.

With BMW anti-theft alarm

The XDWA connector is plugged into the alarm module.

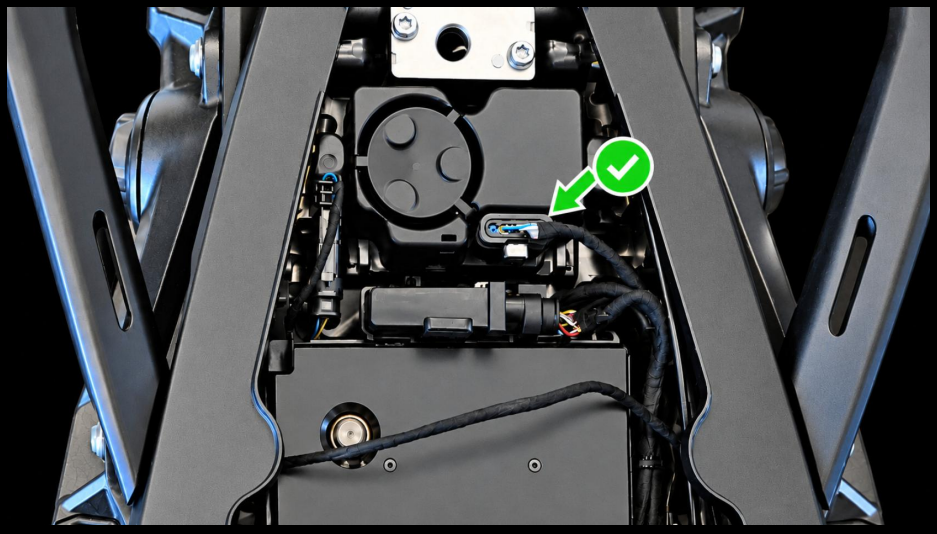


Fig. 1 XDWA connector on the alarm module

Without BMW anti-theft alarm

A resistor plug is connected to the XDWA connector.

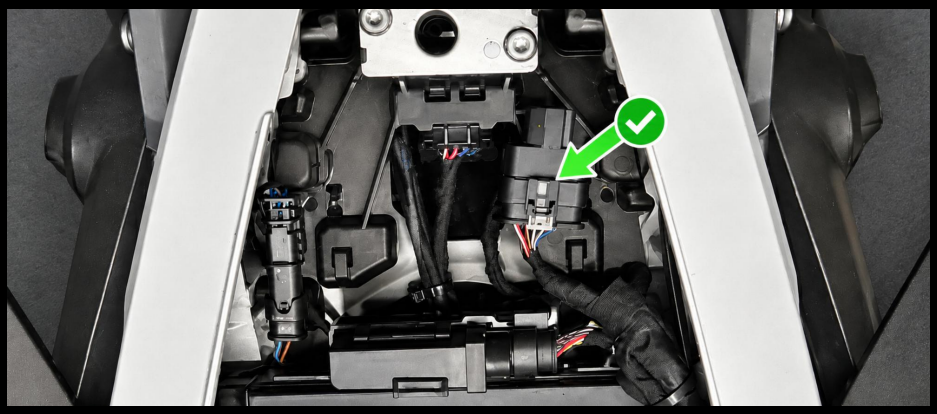


Fig. 2 XDWA connector with resistor plug

4 Release the XDWA connector

Unplug the XDWA connector from the alarm module or resistor plug as follows:

1. Pull the small white locking tab away from the connector, in the direction of the wiring run.
2. Press the release tab to unlock the connector.
3. Grasp the connector body and pull it free from the alarm module or resistor plug.

Do not pull on the XDWA connector wiring.

5 Connect SercoCAN to the CAN bus

With BMW anti-theft alarm

Connect the male SercoCAN CAN-bus connector to the female BMW XDWA connector. Connect the female SercoCAN CAN-bus connector to the BMW alarm module.

Without BMW anti-theft alarm

Connect the male SercoCAN CAN-bus connector to the female BMW XDWA connector. Connect the original BMW resistor plug to the female SercoCAN CAN-bus connector.

6 Connect SercoCAN to the battery

Connect the red lead to the battery positive terminal (+) and the black lead to the battery negative terminal (—). When reconnecting the battery, connect the positive terminal first and the negative terminal last.