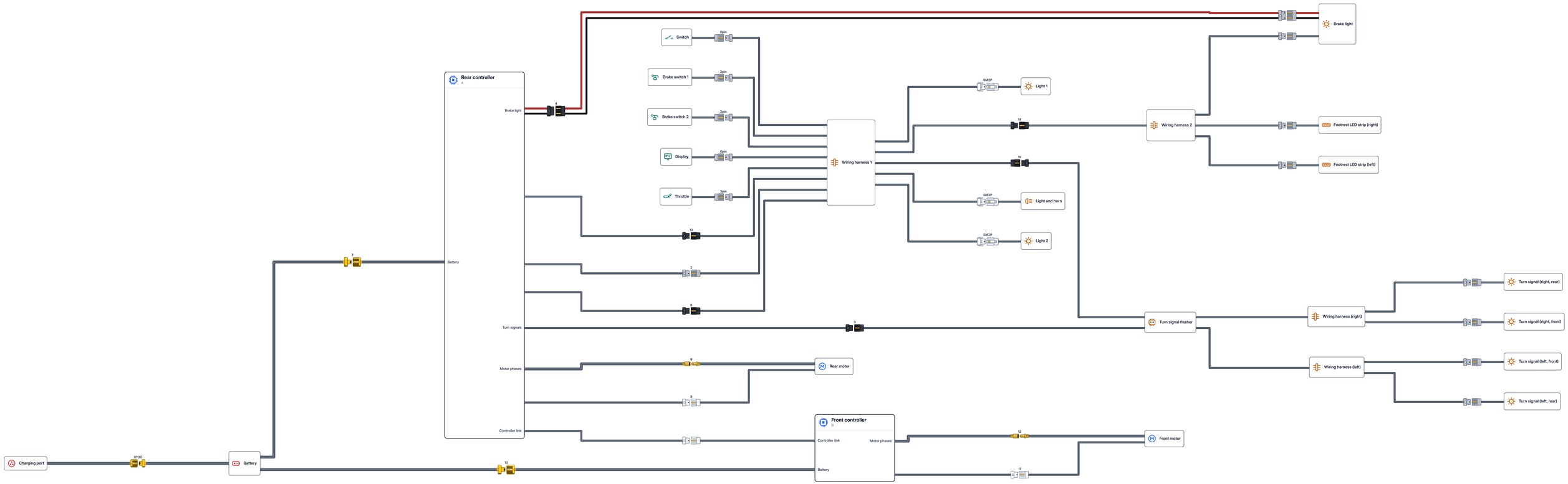
WIRING DIAGRAM

Teverun Fighter Mini Q 2025 LCD



WIRE COLOURS

- Black BK
- Colour not shown
- Red RD

CONNECTORS

Gold pins: male side, Dark sockets: female side.

- Connector (type not shown)
- XT60
- Bullet connectors
- JST SM plug
- XT30

NOTES

1. The original is made of annotated photos and a simplified drawing. No wire colour is written on it, except for the brake light. Each link is redrawn as a single line in colour not shown.
2. The plug numbers are those of the original. It numbers the leads of controller A from 1 to 9 and 13, those of controller B from 10 to 12, and marks the other plugs with TO followed by the number of the plug they connect to. Plugs 14 and 15 of the harness only carry this TO mark, on both sides.
3. On the original, the harness branches are called 6pin switch, 2pin brake, 6pin display, 3pin throttle, SM3P light and buzzer and SM2P light lever. The two lights on SM2P plugs, called light lever, are not described further.
4. According to the original, plug 4 of controller A goes to the red and black wires of the brake light, and one branch of the plug 14 harness goes to the white wire of the brake light.
5. In the drawing of the turn signal module, called 2 FLICKER CONTROLLER, and of the plug 14 harness, each link is drawn in red and black, even the branch marked white line. These lines are not used as wire colours.
6. Plugs 8 and 9 of controller A go to the rear motor, plugs 11 and 12 of controller B to the front motor. The motors are not drawn. On the photos, plugs 9 and 12 are three plugs in white sleeves, plugs 8 and 11 white housings with several pins.
7. Between controllers A and B, the original only shows the photo of a white plug with several pins, without a number.
8. Plugs 1 and 5 of controller A are numbered on the photo, without saying what connects to them. Plug 1 is red, plug 5 black.
9. Plug types are only printed for XT60, XT30, SM2P and SM3P, and the number of pins for 2pin, 3pin and 6pin. The colours of the other plugs come from the photos. Plug 2 is white on the controller side and black on the harness side.

DOCUMENT

Based on the manufacturer diagram "FIGHTER MINI Q 2025 LCD electrical diagram".

Redrawn by FOhzShop on 1 November 2026.

Disconnect the battery before any work.

CONNECTOR PINOUT

Connector	To	Wire
Rear controller Motor phases	**Rear motor** Connectors: Bullet connectors 9	Colour not shown · Wires not shown
Rear controller	**Rear motor** Connectors: Connector (type not shown) 8	Colour not shown · Wires not shown
Rear controller Controller link	**Front controller** Controller link Connectors: Connector (type not shown)	Colour not shown · Wires not shown
Rear controller Turn signals	**Turn signal flasher** Input 2 Connectors: Connector (type not shown) 3	Colour not shown · Wires not shown
Rear controller Brake light	**Brake light** Connectors: Connector (type not shown) 4 / Connector (type not shown)	Red Black
Front controller Motor phases	**Front motor** Connectors: Bullet connectors 12	Colour not shown · Wires not shown
Front controller	**Front motor** Connectors: Connector (type not shown) 11	Colour not shown · Wires not shown
Battery Output 1	**Rear controller** Battery Connectors: XT60 7	Colour not shown · Wires not shown

Connector	To	Wire
Battery Output 2	**Front controller** Battery Connectors: XT60 10	Colour not shown · Wires not shown
Charging port	**Battery** Charge Connectors: XT30	Colour not shown · Wires not shown
Wiring harness 1	**Rear controller** Connectors: Connector (type not shown) 13	Colour not shown · Wires not shown
Wiring harness 1	**Rear controller** Connectors: Connector (type not shown) 2	Colour not shown · Wires not shown
Wiring harness 1	**Rear controller** Connectors: Connector (type not shown) 6	Colour not shown · Wires not shown
Wiring harness 1	**Turn signal flasher** Input 1 Connectors: Connector (type not shown) 15	Colour not shown · Wires not shown
Wiring harness 1	**Wiring harness 2** Connectors: Connector (type not shown) 14	Colour not shown · Wires not shown
Switch	**Wiring harness 1** Branch 1 Connectors: Connector (type not shown) 6pin	Colour not shown · Wires not shown

Connector	To	Wire
Brake switch 1	**Wiring harness 1** Branch 2 Connectors: Connector (type not shown) 2pin	Colour not shown · Wires not shown
Brake switch 2	**Wiring harness 1** Branch 4 Connectors: Connector (type not shown) 2pin	Colour not shown · Wires not shown
Display	**Wiring harness 1** Branch 3 Connectors: Connector (type not shown) 6pin	Colour not shown · Wires not shown
Throttle	**Wiring harness 1** Branch 5 Connectors: Connector (type not shown) 3pin	Colour not shown · Wires not shown
Light and horn	**Wiring harness 1** Branch 6 Connectors: JST SM plug SM3P	Colour not shown · Wires not shown
Light 1	**Wiring harness 1** Branch 7 Connectors: JST SM plug SM2P	Colour not shown · Wires not shown
Light 2	**Wiring harness 1** Branch 8 Connectors: JST SM plug SM2P	Colour not shown · Wires not shown

Connector	To	Wire
Turn signal flasher Left turn signal	**Wiring harness (left)**	Colour not shown · Wires not shown
Turn signal flasher Right turn signal	**Wiring harness (right)**	Colour not shown · Wires not shown
Wiring harness (left) Branch 1	**Turn signal (left, front)** Connectors: Connector (type not shown)	Colour not shown · Wires not shown
Wiring harness (left) Branch 2	**Turn signal (left, rear)** Connectors: Connector (type not shown)	Colour not shown · Wires not shown
Wiring harness (right) Branch 1	**Turn signal (right, front)** Connectors: Connector (type not shown)	Colour not shown · Wires not shown
Wiring harness (right) Branch 2	**Turn signal (right, rear)** Connectors: Connector (type not shown)	Colour not shown · Wires not shown
Wiring harness 2 Branch 1	**Footrest LED strip (left)** Connectors: Connector (type not shown)	Colour not shown · Wires not shown
Wiring harness 2 Branch 2	**Footrest LED strip (right)** Connectors: Connector (type not shown)	Colour not shown · Wires not shown
Wiring harness 2 Branch 3	**Brake light** Connectors: Connector (type not shown)	Colour not shown · Wires not shown