

A

B

C

D

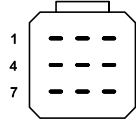
Connectors viewed from rear

Front light



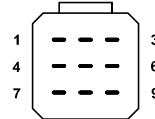
- 1) Low Beam;
- 2) High Beam;
- 3) Angel eyes;
- 4) GND (12V)

Left Handle



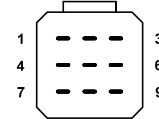
- 1) Horn;
- 2) Low Beam;
- 3) from Right Handle Switches (pin 6);
- 4) +12V;
- 5) High Beam;
- 6) NC;
- 7) Turn Right;
- 8) Turn Left;
- 9) Turn Common

Right Handle



- 1) GND;
- 2) +12V;
- 3) Angel eyes;
- 4) Sport switch;
- 5) GND;
- 6) to Left Handle Switches (pin 3);
- 7) Alarm button;
- 8) GND;
- 9) READY button

Dashboard



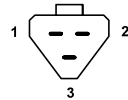
- 1) +12V;
- 2) Sport switch;
- 3) GND (12V);
- 4) Turn Left;
- 5) NC;
- 6) RS485B;
- 7) Turn Right;
- 8) High beam;
- 9) RS485A

Side stand



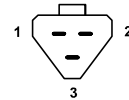
- 1) Controller, pin 15;
- 2) GND

Cruise



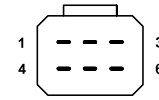
- 1) NC;
- 2) GND;
- 3) Controller, pin 17

Throttle



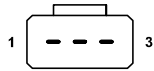
- 1) +5V;
- 2) Throttle signal;
- 3) GND

Motor Hall



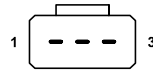
- 1) +5V;
- 2) NC;
- 3) GND;
- 4) Hall A;
- 5) Hall B;
- 6) Hall C

Blinker



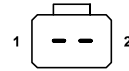
- 1) Turn common;
- 2) +12V;
- 3) GND (12V)

DC-DC



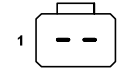
- 1) GND(12V, 60V);
- 2) +12V;
- 3) +60V (Ignition)

Charger



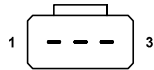
- 1) +60V (red);
- 2) GND (60V, black)

Motor Temp



- 1) Motor Temp sensor;
- 2) GND (Hall sensor GND)

Battery RS485



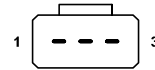
- 1) GND (60V);
- 2) RS485B;
- 3) RS485A

Battery



- 1) GND (60V, black);
- 2) +60V (red)

Back Light



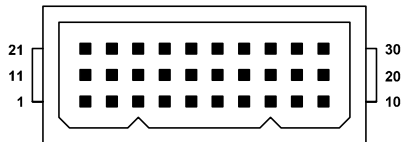
- 1) +12V (back light);
- 2) GND (12V);
- 3) High Brake (brake light)

Additional cable



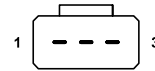
- 1) GND (12V);
- 2) +12V (license plate light)
- 3) Turn Right (rear);
- 4) Turn Left (rear)

Controller



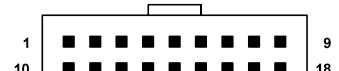
- 1) Hall A
- 2) NC
- 3) Sport switch
- 4) Hall +5V
- 5) NC
- 6) Hall GND
- 7) Anti-Theft Negative
- 8) NC
- 9) Motor Temp (function not supported)
- 10) Ignition
- 11) High Brake
- 12) Hall B
- 13) RS485A
- 14) Anti-Theft Signal
- 15) Side stand
- 16) GND
- 17) "Cruise" button
- 18) "READY" button
- 19) Anti-Theft Motor Rolling Alarm
- 20) Anti-Theft Ignition
- 21) NC
- 22) Hall C
- 23) RS485B
- 24) NC
- 25) NC
- 26) Throttle GND
- 27) Throttle signal
- 28) Throttle +5V
- 29) NC
- 30) Anti-Theft Positive

"Start" button



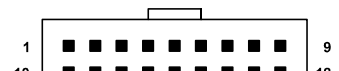
- 1) Anti-Theft Alarm (pin 9);
- 2) Anti-Theft Alarm (pin 16);
- 3) Anti-Theft Alarm (pin 15)

Anti-Theft Alarm



- 1) RS485B
- 2) NC
- 3) NC
- 4) Turn Right
- 5) Motor Rolling Alarm (controller pin 19)
- 6) +12V
- 7) Anti-Theft Signal (controller pin 14)
- 8) Ignition (controller pin 10, 20)
- 9) Anti-Theft Positive ("Start" button, pin 1)
- 10) RS485A
- 11) NC
- 12) NC
- 13) Turn Left
- 14) Alarm Button (Right handle switches)
- 15) "Start" button (pin 3)
- 16) "Start" button (pin 2)
- 17) NC
- 18) Anti-Theft Negative (controller pin 7)

VCU



- 1) GND (60V);
- 9) RS485A
- 10) +60V;
- 18) RS485B

| Modifications | | Date | Name | Description | Page no. |
|---------------|---------|------------|---------|--|----------|
| Date | Name | 2022.12.09 | vlad_vy | Tromox Mino main cable connectors (connectors viewed from rear) | 1 |
| 2022.12.16 | vlad_vy | | | | Pages |
| | | | | Schematic no. | |