

Qs E-car Hub Motor Connection Manual

Here is connect instruction for **two of our motors connect with two controllers(e.g. Kelly Controller).**

The installation of two motors as same as one motor.

We have marked " R " on the side cover of right motor, and marked " L " on the left motor.

For Hub Motor

1. Three Phase

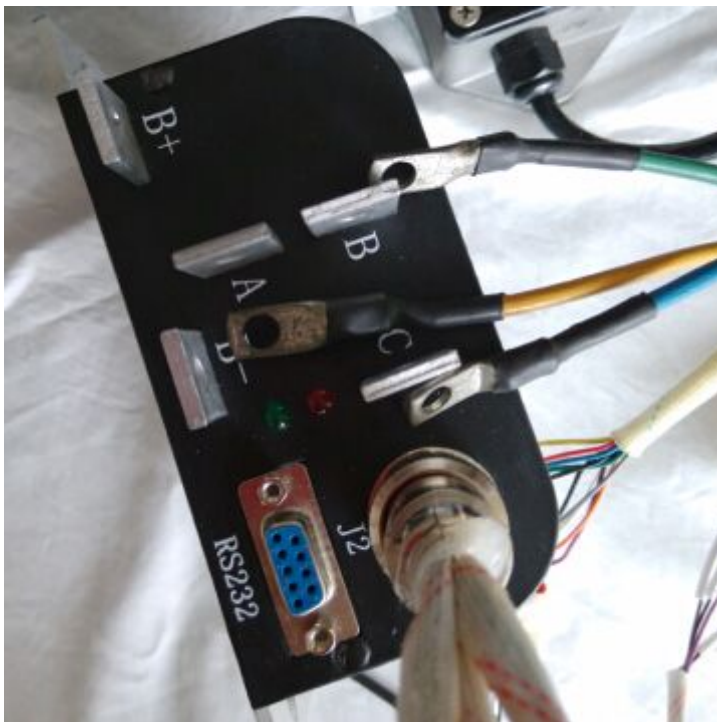
A connect with yellow wire.

B connect with green wire.

C connect with blue wire.

B+ for power supplier positive pole

B- for power supplier negative pole



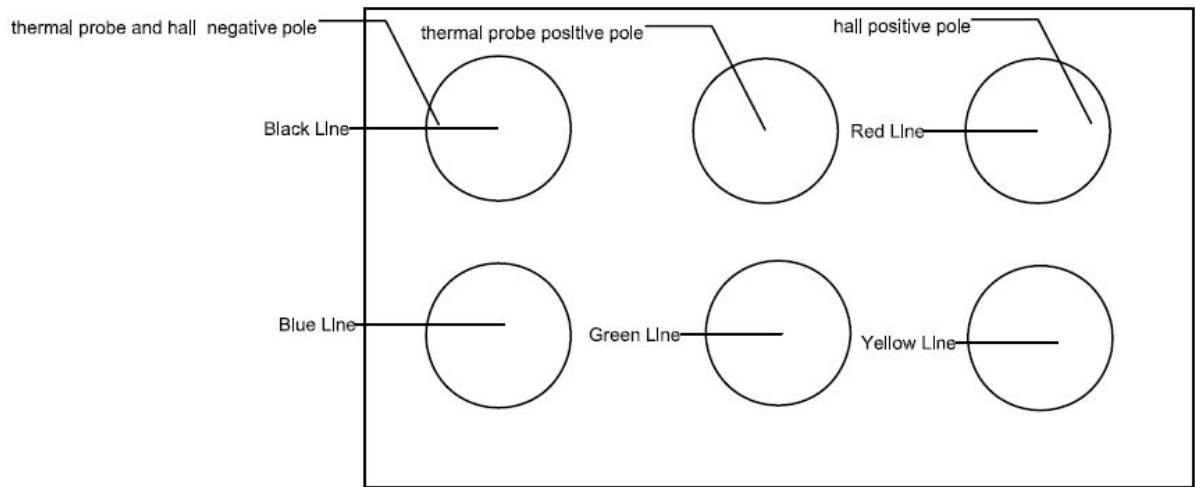
2. Hall

It's much easier, there should be two halls(one for spare hall, in case of damage), you could connect either. Please refer to below picture.

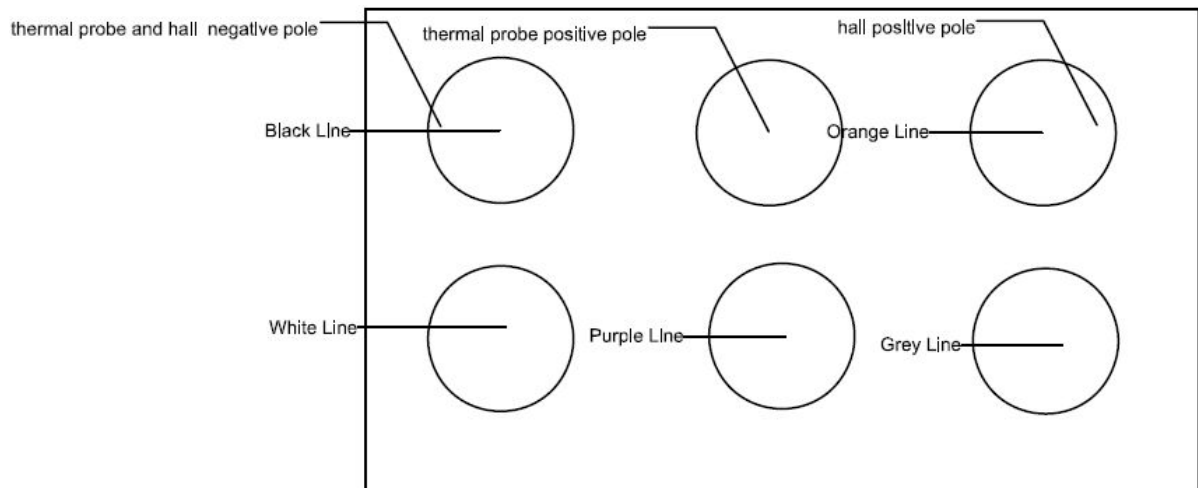


Drawing of Hall below for reference.

Firstly Hall connector



Second Hall connector

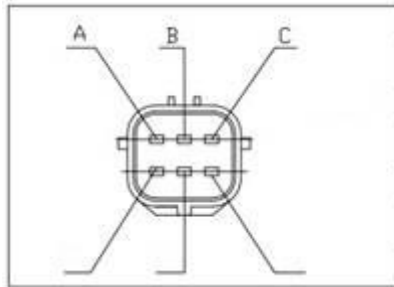


Two Controller connect with One Throttle Pedal/Foot Throttle

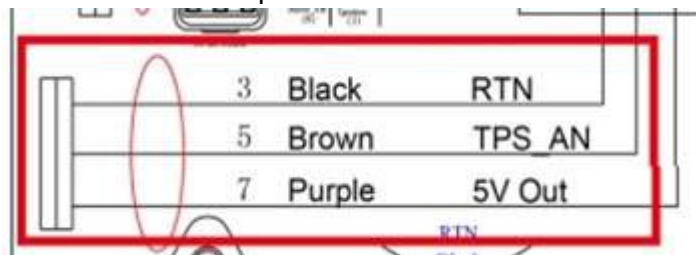
Connector 1 — foot throttle connector, with 6 port, and only need to use 3 port.
 3 port: A is for PWR (positive),
 B is for signal(the color might be **Green, Brown or white**),
 C is for GND(negative). Pls. refer to below pictures.

P.S.: For the color of B, it' s in the same row of A and C.

connector 1: Foot throttle connector

	A	PWR	Red	5Vdc
	B	Signal	Green	0.86V-4.2V
	C	GND	Black	

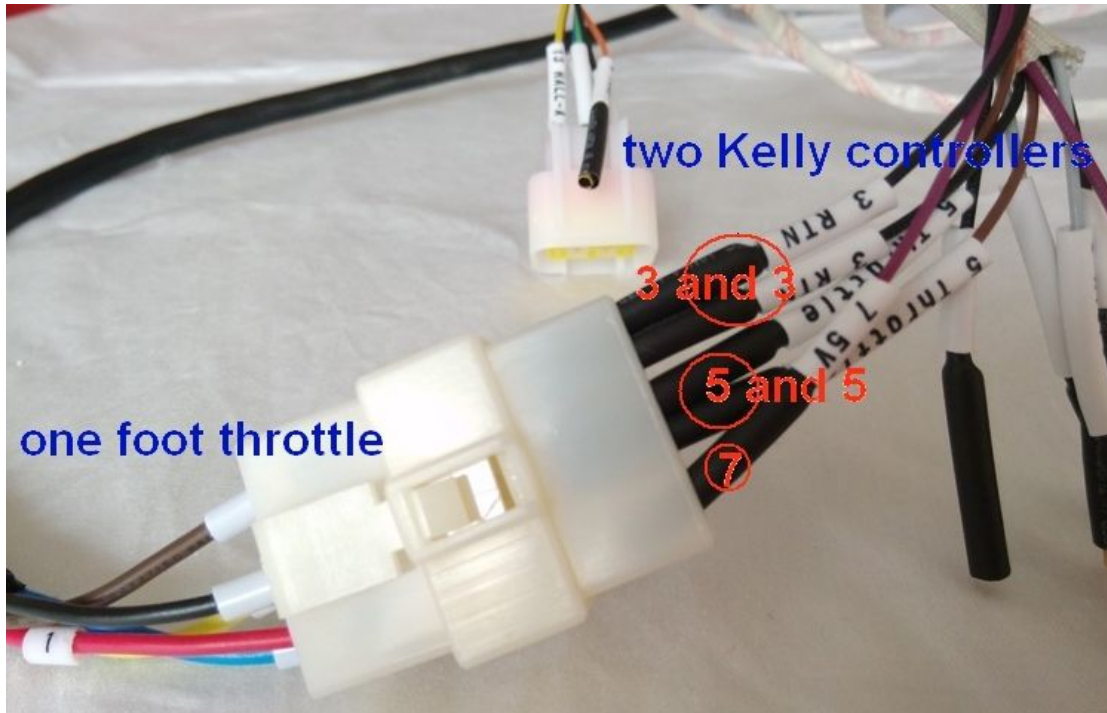
Connector 2 — 3,5,7 pin in J2 cable of controller
controller one use No. 3,5,7pin, controller two use No. 3,5pin.
 Pls. refer to below pictures.



Connection:

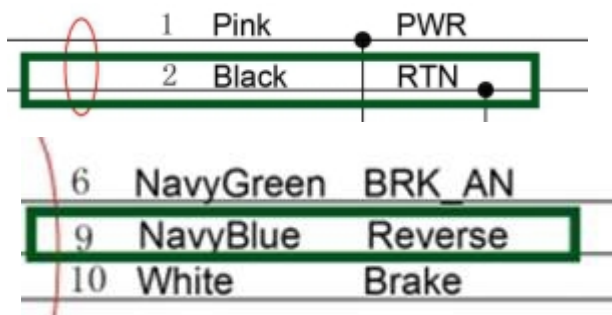
first, connect the No. 3pin of controller one with No. 3pin of controller two
 connect the No. 5pin of controller one with No. 5pin of controller two
second, connect the No. 3pin (Black) with C (Black),
 No. 5pin (Brown) with B (**Green, Brown or white**),
 No. 7pin (Purple) with A (Red).

controller	throttle
7	A
5 and 5	B
3 and 3	C



For Reverse Function

Pls. refer to the below pictures of No. 2pin and No. 9pin of the J2 cable(Kelly controller).



Connection:

The reverse function was achieved by one reverse button.

For reverse button, it have two connectors——connector one and connector two.

first, connect the No. 9pin of controller one with No. 9pin of controller two, then connect with one connector of reverse button.

second, connect the No. 2pin of any one of controller with the another connector of reverse button.

Then you could achieve the reverse function after press the reverse button and put the throttle down.

P.S.: The reverse function premised on the wheel stop running.

For Regenerative Braking

For Kelly controller, the function is default.

Generally, when we loosen the throttle and pull brake lever slightly, it start to generate electricity from Kinetic energy, then it charge battery.

And the generator current could be programming by computer.

For Other Testing Issues

Please kindly check above connection, and feedback with pictures of connection, LED Codes of Kelly Controller if possible. We will try our best to help you for testing.

Contact Us:

Taizhou QS Motor Co., Ltd.

Home Page:

<http://tzquanshun.en.alibaba.com/>

<http://qsmotor.en.made-in-china.com/>

E-mail:

steven@tzquanshun.com

Phone:

+86 0576 8855 1619