

## Potentiometer Fitting Guide

Country /Year of Manufacture		No. 1 Potentiometer, Mk. 1	No. 2 Potentiometer, Mk. 2	No. 3 Potentiometer, Response, D-Shaft	No. 4 Potentiometer, Power, Long Shaft	No. 5 Potentiometer, Speed, Long Shaft	No. 6 Potentiometer, Response, Long Shaft	No. 7 Potentiometer, Power, Short Shaft	No. 8 Potentiometer, Speed, Short Shaft	No. 9 Potentiometer, Response, Short Shaft
CHINA 2007-2008	12.5 24V 16.0 24V 16.0 36V	●	X	X	X	X	X	X	X	X
CHINA 2009-2014	12.5 24V 12.5 ECO 16.0 24V 16.0 36V 16.0 ECO	X	●	X	X	X	X	X	X	X
TAIWAN 2012	20.0 48V	X	X	X	X	X	●	X	X	●
TAIWAN 2013	20.0 48V	X	X	●	●	X	●	●	X	●
TAIWAN EARLY 2014	16.0 RACING 20.0 LITE 20.0 ECO 20.0 RACING	X	X	●	●	●	●	●	●	●
TAIWAN MID 2014	16.0 RACING 20.0 LITE 20.0 ECO 20.0 RACING	X	X	X	●	●	●	●	●	●
TAIWAN LATE 2014	16.0 RACING 20.0 LITE 20.0 ECO 20.0 RACING	X	X	X	●	●	●	●	●	●
TAIWAN 2015+	All MODELS	X	X	X	●	●	●	●	●	●

●	ORIGINAL
●	COMPATIBLE
●	COMPATIBLE WITH MODIFICATIONS
X	NOT COMPATIBLE

### China produced bikes:

The potentiometers (Mk1 or Mk2) needs to be replaced like for like.

### Short Shaft Potentiometers:

Power Potentiometer (Shorter Shaft & Cap): ELE081492 (EP-POT3-US66-1)

Speed Potentiometer (Shorter Shaft & Cap): ELE081368 (EP-POT4-US66-1)

Response Potentiometer (Shorter Shaft & Cap): ELE081323 (EP-POT5-US66-1)

Will fit all Taiwan bikes **except** the 20.0 48v 2013 which requires the d-shaft response potentiometer.

### Long Shaft Potentiometers:

Power Potentiometer (Long Shaft): (EP-POT-US66-3)

Speed Potentiometer (Long Shaft): (EP-POT-US66-4)

Response Potentiometer (Long Shaft): (EP-POT-US66-5)

These long shaft potentiometers are discontinued & have now been replaced by the newer short shaft & cap versions, but they will fit all Taiwan bikes with modifications to the shaft length to fit under tank bung.

The **only** exception is the 20.0 48v 2013 which requires the d-shaft response potentiometer.



### Potentiometer No. 1

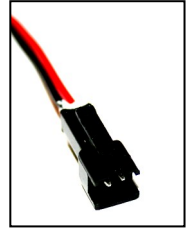
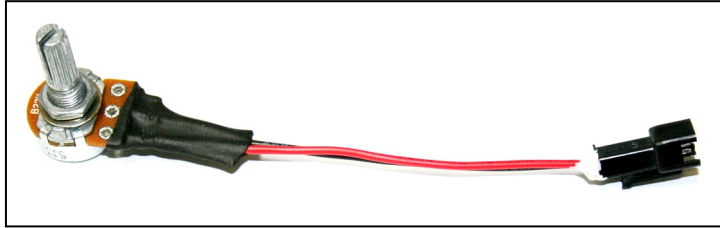
Mk 1 Potentiometer

Order Code: **ELE080022**  
(EP-POT-US66)

Value: 22K ohm

Plug Type: 2 Pin, black, female

Style: Mk1



### Potentiometer No. 2

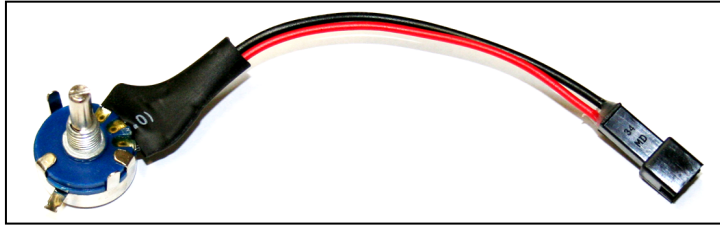
Mk 2 Potentiometer

Order Code: **ELE080021**  
(EP-POT-US66-1)

Value: 47K ohm

Plug Type: 2 Pin, black, female

Style: Mk2



### Potentiometer No. 3

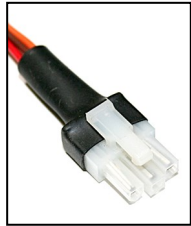
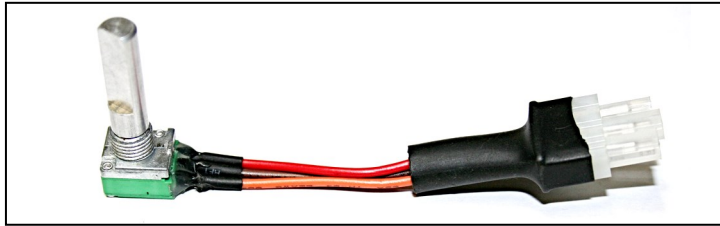
Response Potentiometer, D-Shaft

Order Code: **ELE080124**  
(EP-POT-US66-2)

Value: 6K ohm

Plug Type: 3 pin, white, male

Style: Green base, D-Shaft



### Potentiometer No. 4

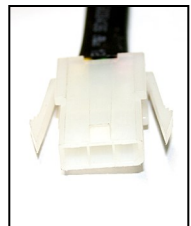
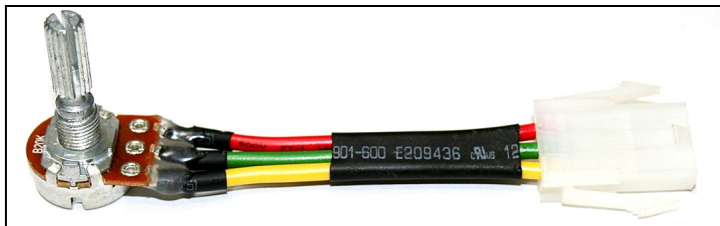
Power Potentiometer, Long Shaft

Order Code: **(Discontinued)**  
(EP-POT-US66-3)

Value: 20K ohm

Plug Type: 3 pin, white, female

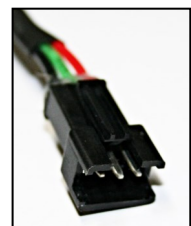
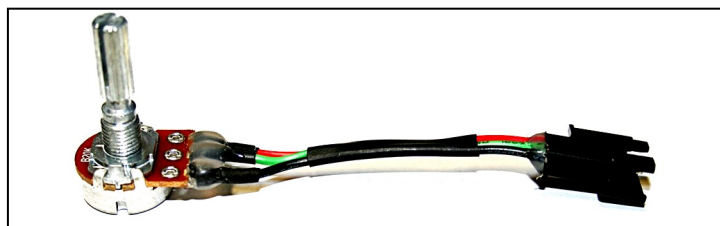
Style: Long Shaft



### Potentiometer No. 5

Speed Potentiometer, Long Shaft

Order Code: **(Discontinued)**  
(EP-POT-US66-4)





### **Potentiometer No. 6**

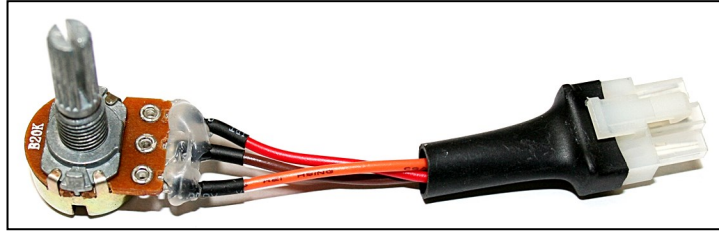
Response Potentiometer, Long Shaft

Order Code: **(Discontinued)**  
(EP-POT-US66-5)

Value: 20K ohm

Plug Type: 3 pin, white, male

Style: Long Shaft



### **Potentiometer No. 7**

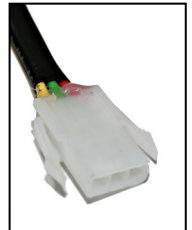
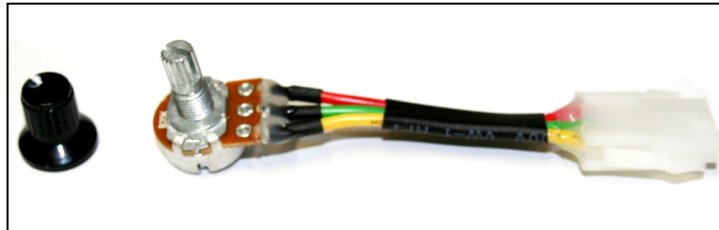
Power Potentiometer, Short Shaft

Order Code: **ELE081492**  
(EP-POT3-US66-1)

Value: 20K ohm

Plug Type: 3 pin, white, female

Style: Short Shaft with Dial Cap



### **Potentiometer No. 8**

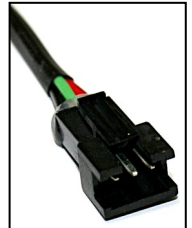
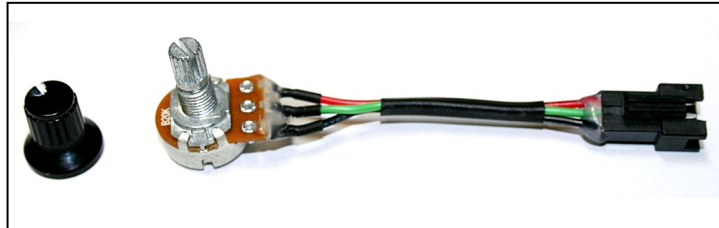
Speed Potentiometer, Short Shaft

Order Code: **ELE081368**  
(EP-POT4-US66-1)

Value: 20K ohm

Plug Type: 3 pin, black, female

Style: Short Shaft with Dial Cap



### **Potentiometer No. 9**

Response Potentiometer, Short Shaft

Order Code: **ELE081323**  
(EP-POT5-US66-1)

Value: 20K ohm

Plug Type: 3 pin, white, male

Style: Short Shaft with Dial Cap

