

Installing a Linear Potentiometer for a Utah Arm

Fact Sheet

Fillauer[®]
Motion Control

Installing a Linear Potentiometer for a Utah Arm

Fact Sheet

Mounting Options

With Mounting Bracket

The clear plastic mounting bracket may be used to mount the linear potentiometer on, or inside, the socket. After final mounting position is determined, you may trim the excess clear plastic away using diagonal cutters.

Without Mounting Bracket

Remove the clear plastic mounting bracket by removing the two screws that secure it to the potentiometer case. Remove the case cover and the clear plastic plate. Then, mount the linear potentiometer with two flat head screws using the countersunk holes from the inside of the case. Replace the cover.

Important Mounting Tips

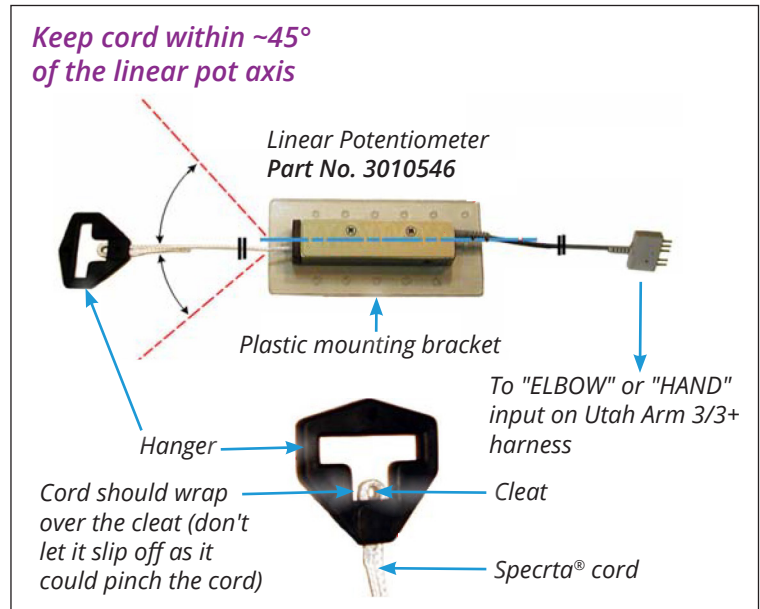
To make the cord last longer

- Keep the direction of pull within $\sim 45^\circ$ of the long-axis of the linear potentiometer.
- Avoid twisting the cord or pulling it across sharp corners.

Length Adjustment

- Pull the locking cleat out.
- Adjust the cord length as desired (**be careful:** do not pull the cord out of the hanger as it is difficult to thread back in).
- Push the cleat down to lock the cord very securely. You may need an awl or screwdriver to push the cleat.
- Ensure the cord is wrapped over the cleat in the groove made for it.

NOTE: The linear potentiometer will tolerate fairly high loads, however the Hanger that terminates the cord is only rated to 50 lbs.



Fillauer LLC

2710 Amnicola Highway
Chattanooga, TN 37406
423.624.0946



Fillauer Europe

Kung Hans väg 2
192 68 Sollentuna, Sweden
+46 (0)8 505 332 00



www.fillauer.com

Fillauer Motion Control

115 N. Wright Brothers Dr.
Salt Lake City, UT 84116
801.326.3434
Fax 801.978.0848
motioninfo@fillauer.com