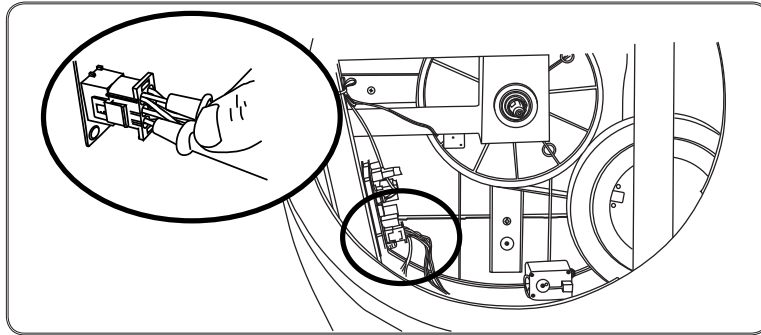


>> Elliptical Incline Motor Voltage Checks



DC						
Wire Color		Function	Voltage at Zero	Voltage w/ Increase	Voltage w/ Decrease	Physical Symptoms-If Wire Cut
1	Brown	Voltage in (VCC)	5V	5V	5V	Normal: After start and pressing incline up and down value is displayed, but there is no incline function. Eng4: When pressing incline up no motor movement, Incline - functions normally
2	Orange	POT Sensor (ADC)	4.2V	Decreases to 1.7V	Increases to 4.2V	Normal: After pressing incline- no incline movement. Eng4: Incline + functions normal, no movement with incline - .
3	Blue	Ground	n/a	n/a	n/a	Normal: Upon start-up incline continuously goes down. Eng4: When pressing up incline does not go up distance value flickers at max value.

AC						
Wire Color		Function	Voltage at Zero	Voltage w/ Increase	Voltage w/ Decrease	Physical Symptoms-If Wire Cut
1	Black	Incline Up	0-1 VAC	171 VAC	120 VAC	Normal: No incline function and value is displayed Eng4: Incline + functions normal, no movement with incline - .
2	Red	Incline Down	0-1 VAC	120 VAC	172 VAC	Normal: Incline is at a constant down upon start-up. Eng4: Operates normal, value at max
3	White	NC	n/a	n/a	n/a	Normal: after pressing start and incline up and down no incline movement. Eng4: no incline movement, value does not change.