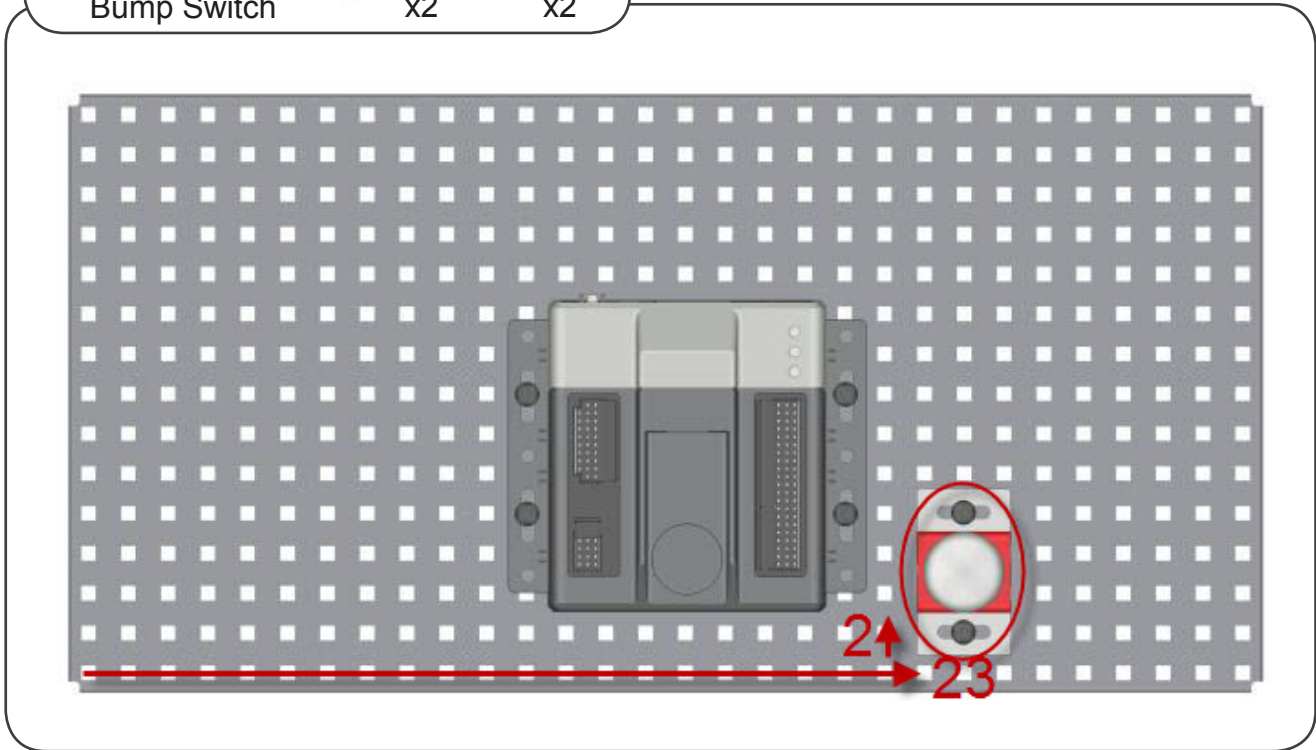
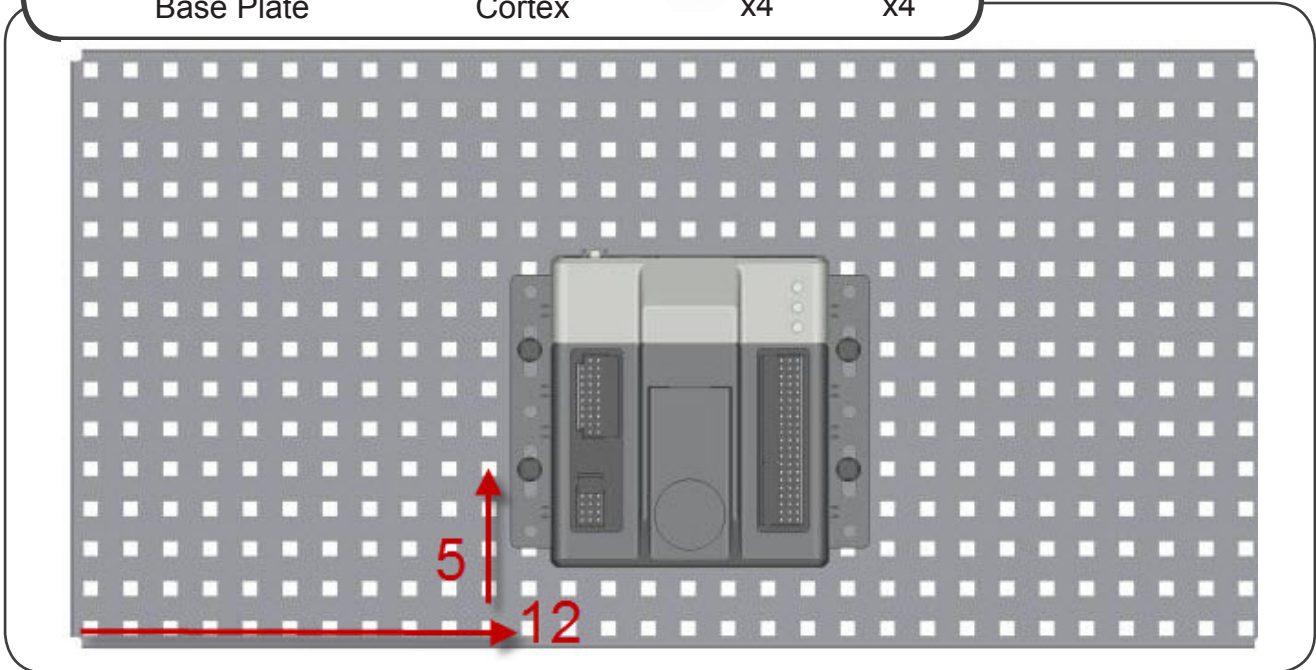
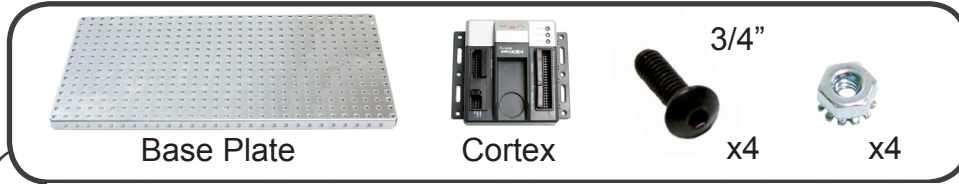


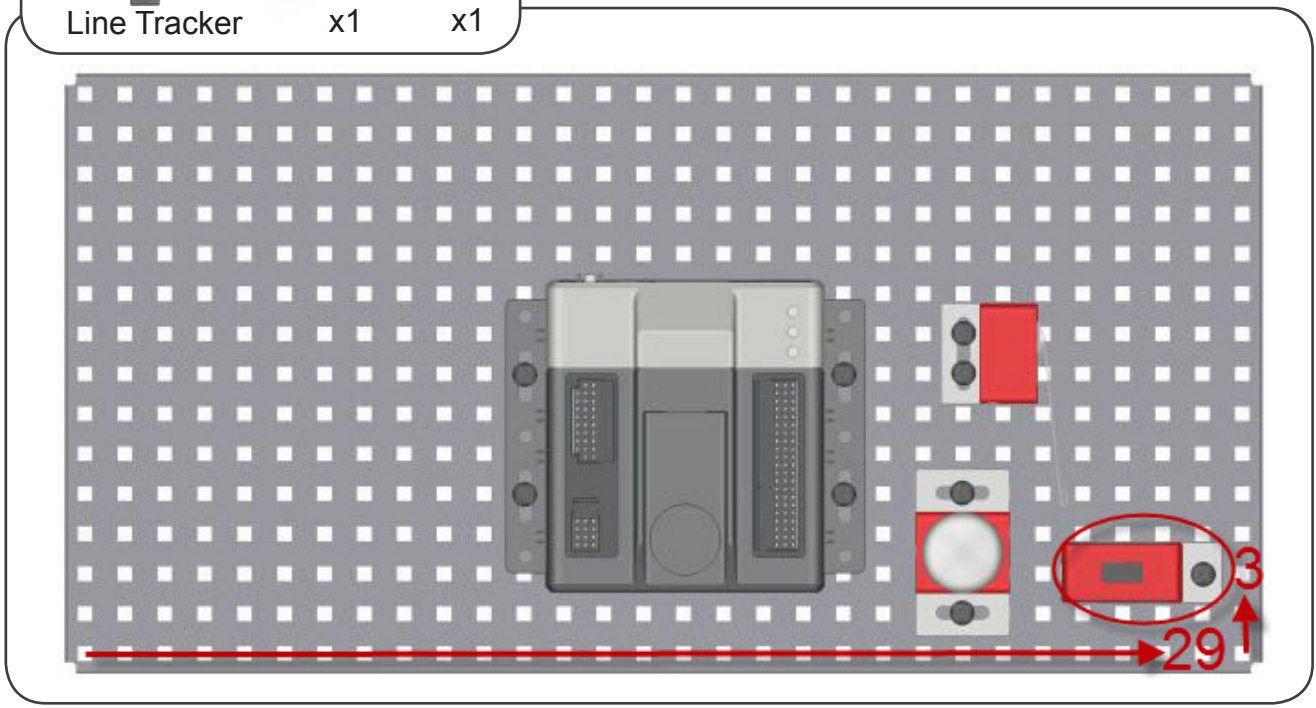
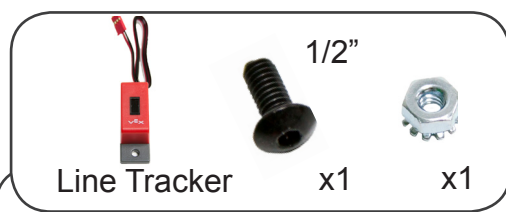
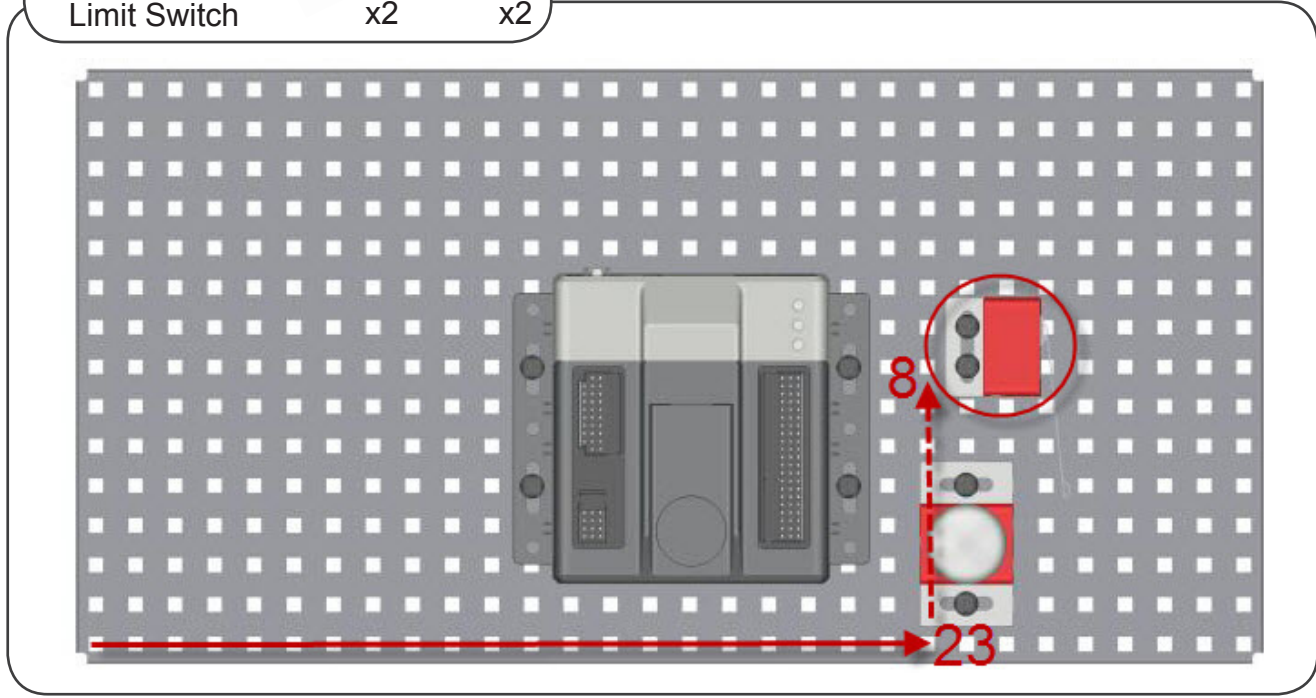
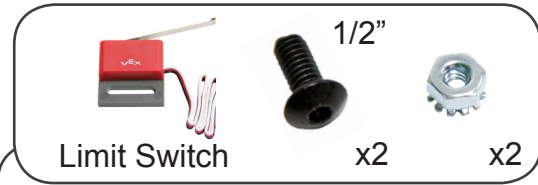
PARTS LIST

MATERIALS	QUANTITY	MATERIALS	QUANTITY
BASEPLATE	1	BATTERY STRAP	1
VEX CORTEX	1	SLOTTED ANGLE	1
SCREW, 3/4" LONG	12	DELTRIN BEARING	3
SCREW, 1/2" LONG	21	2 WIRE MOTOR (269)	2
NUT, 8-32	32	3 WIRE MOTOR (SERVO)	1
BUMP SWITCH	1	SPACER	4
LIMIT SWITCH	1	2.75" WHEEL	2
LINE TRACKER	1	84 TOOTH GEAR	1
POTENTIOMETER	1	1/2" STANDOFF	2
ENCODER	1	2" STANDOFF	2
ULTRASONIC RANGE FINDER	1	BATTERY	1
LIGHT SENSOR	1	GREEN LED LIGHT	1
2" DRIVE SHAFT	5	FLASHLIGHT	1
36 TOOTH GEAR	2	MOTOR CONTROLLER	2
SHAFT COLLAR	8		

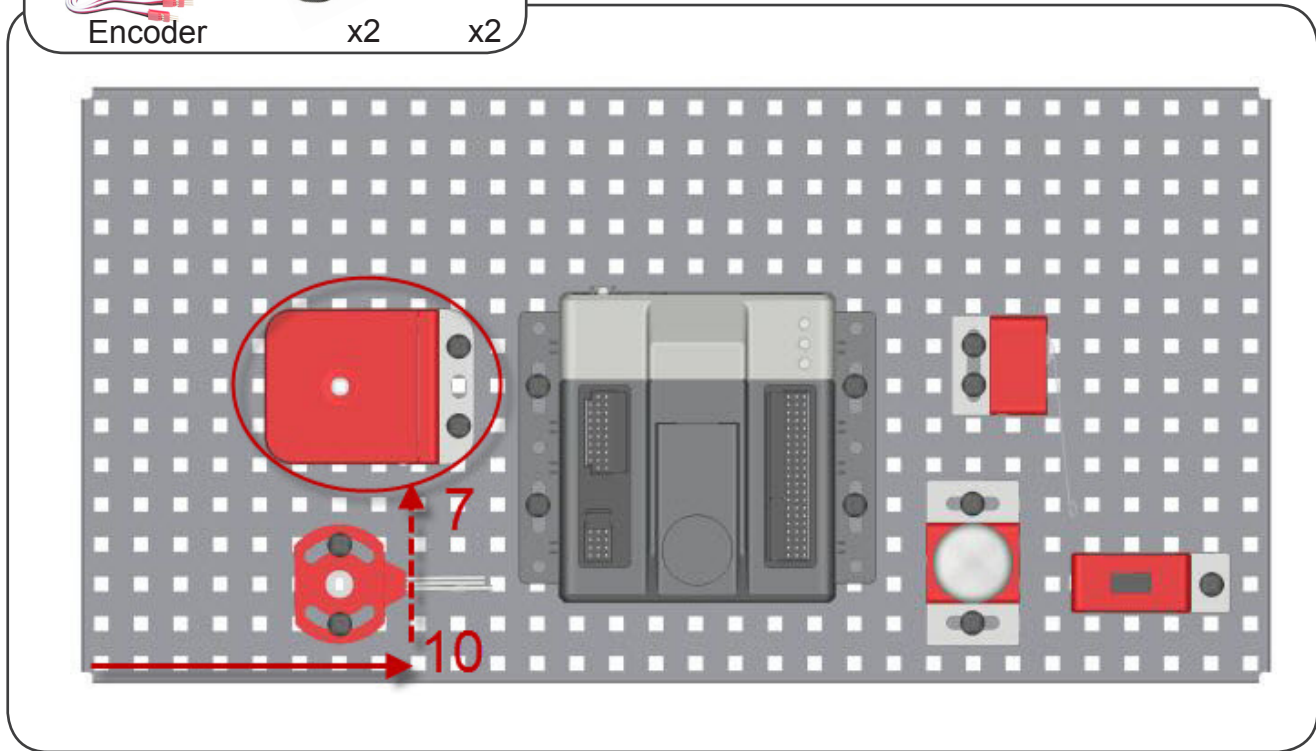
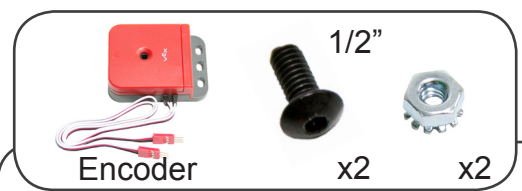
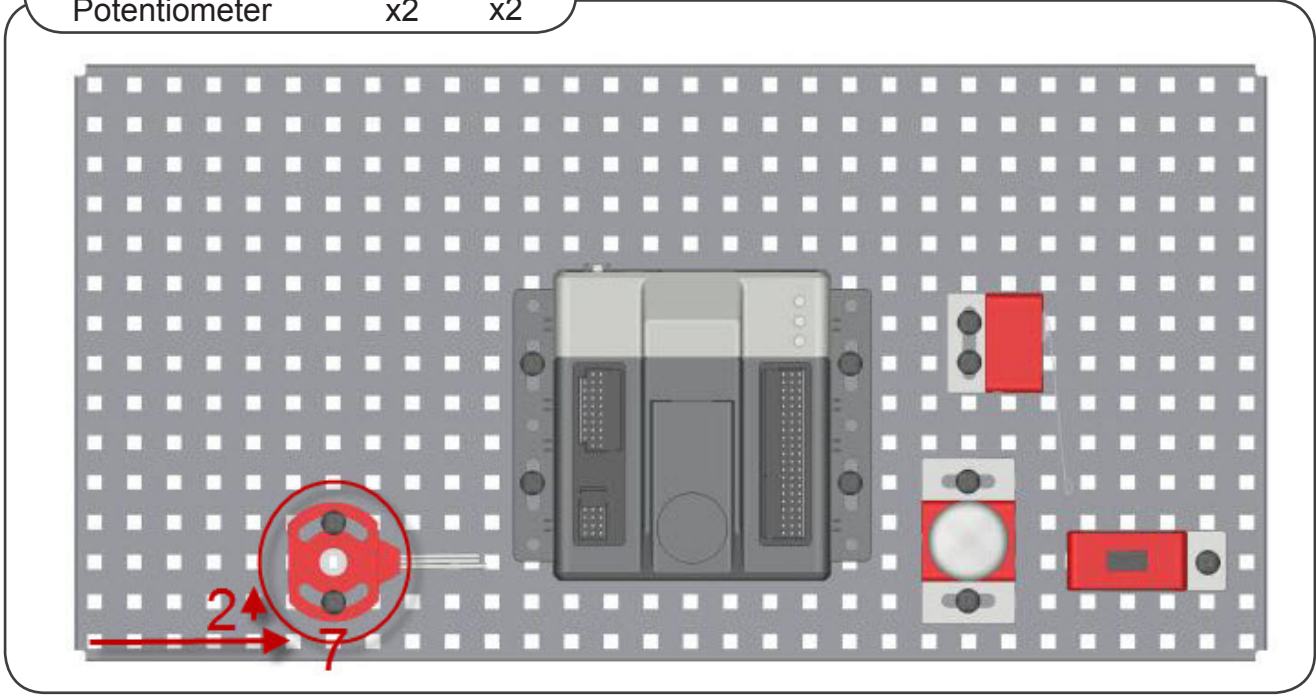
POE Testbed Build Instructions



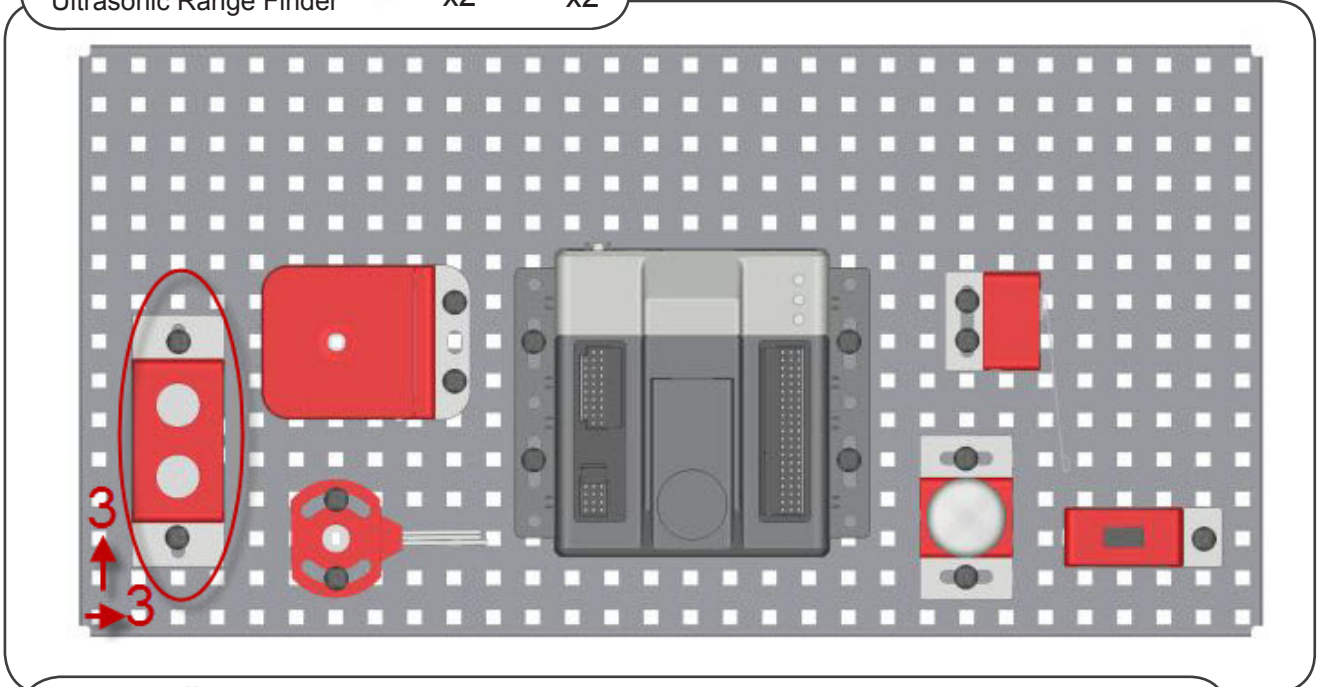
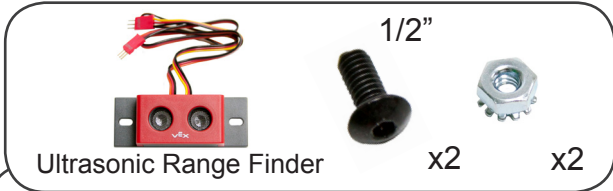
POE Testbed Build Instructions



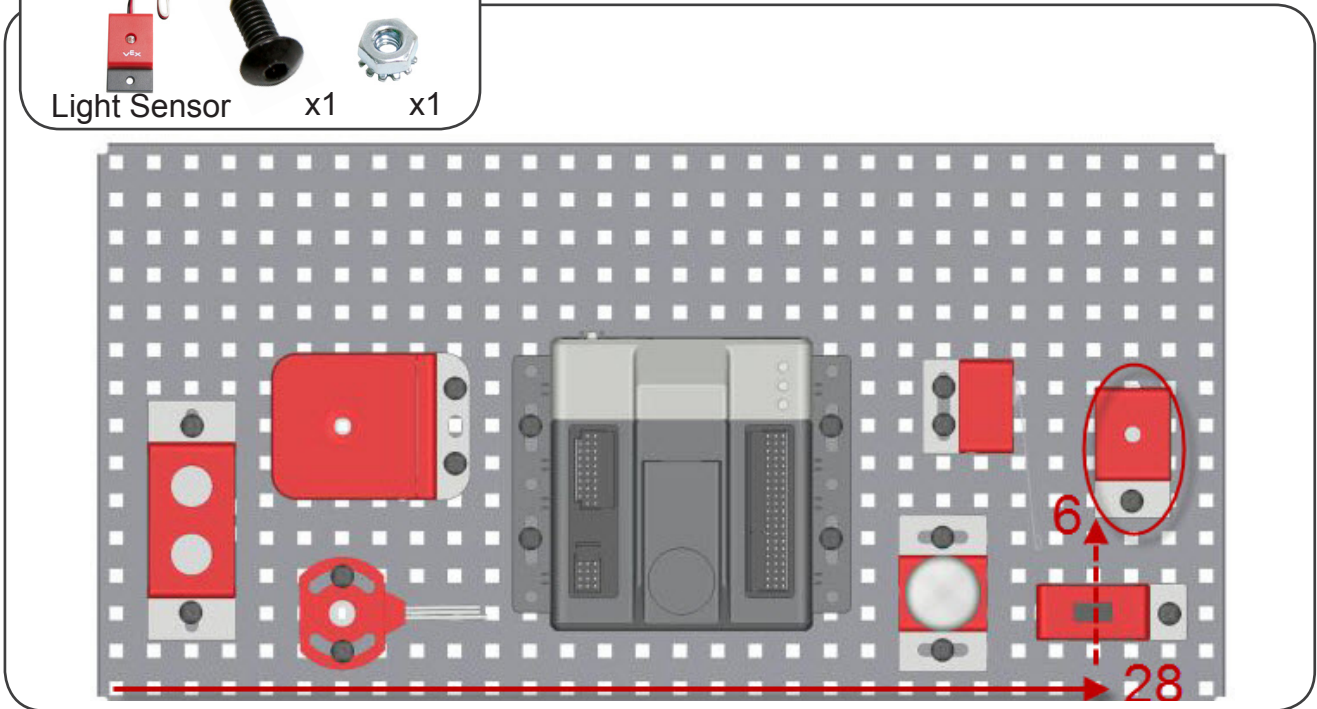
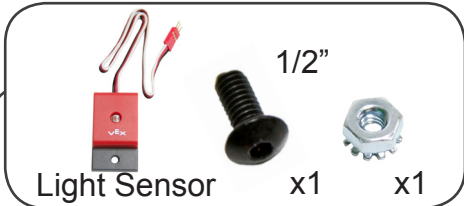
POE Testbed Build Instructions



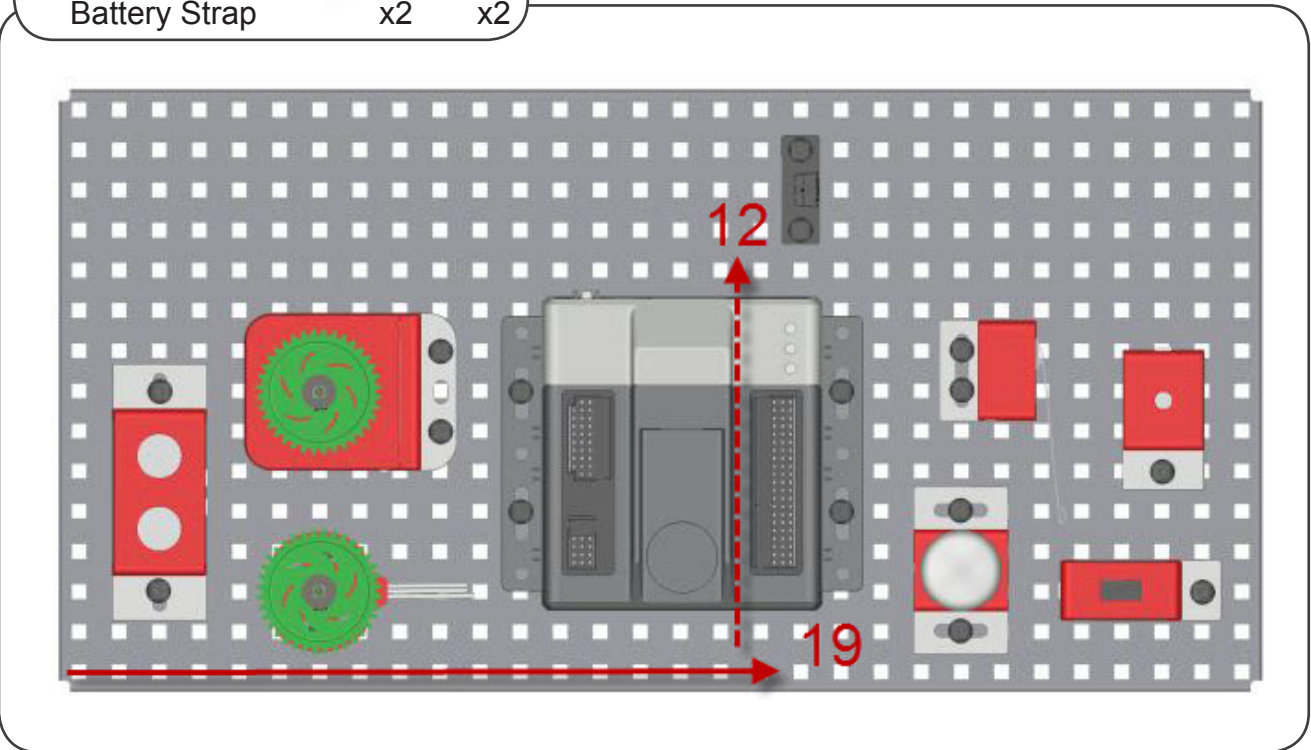
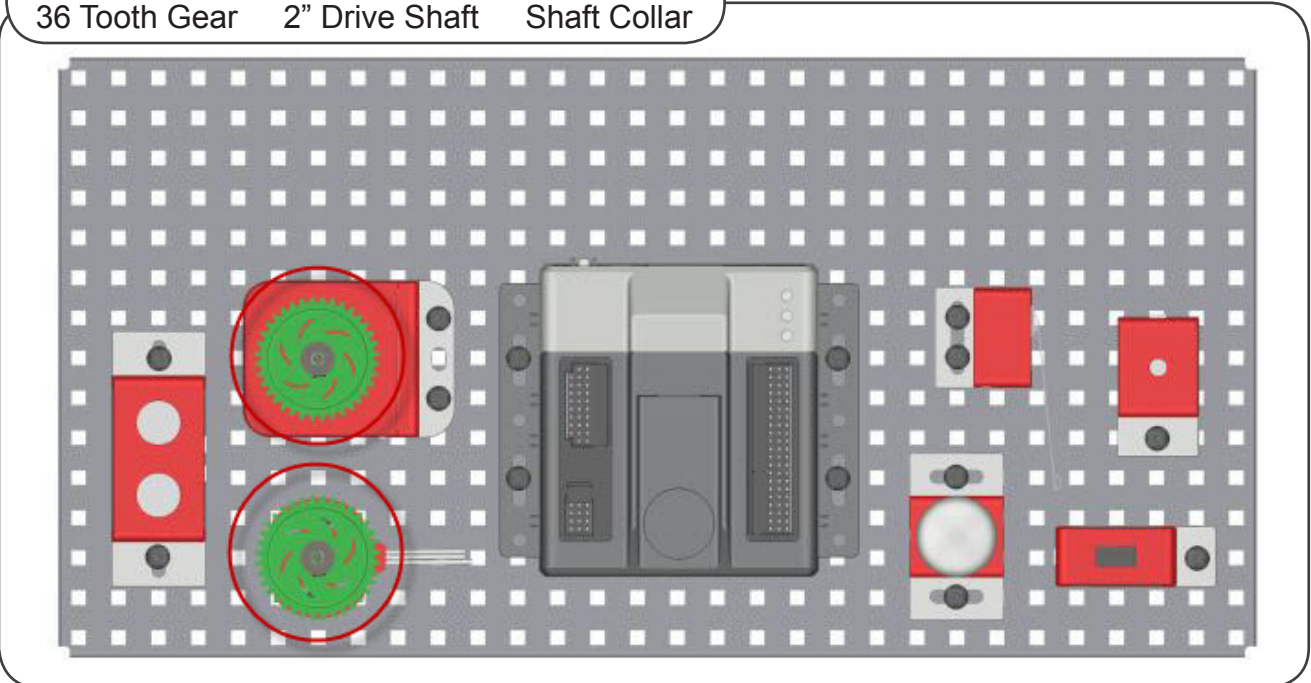
POE Testbed Build Instructions



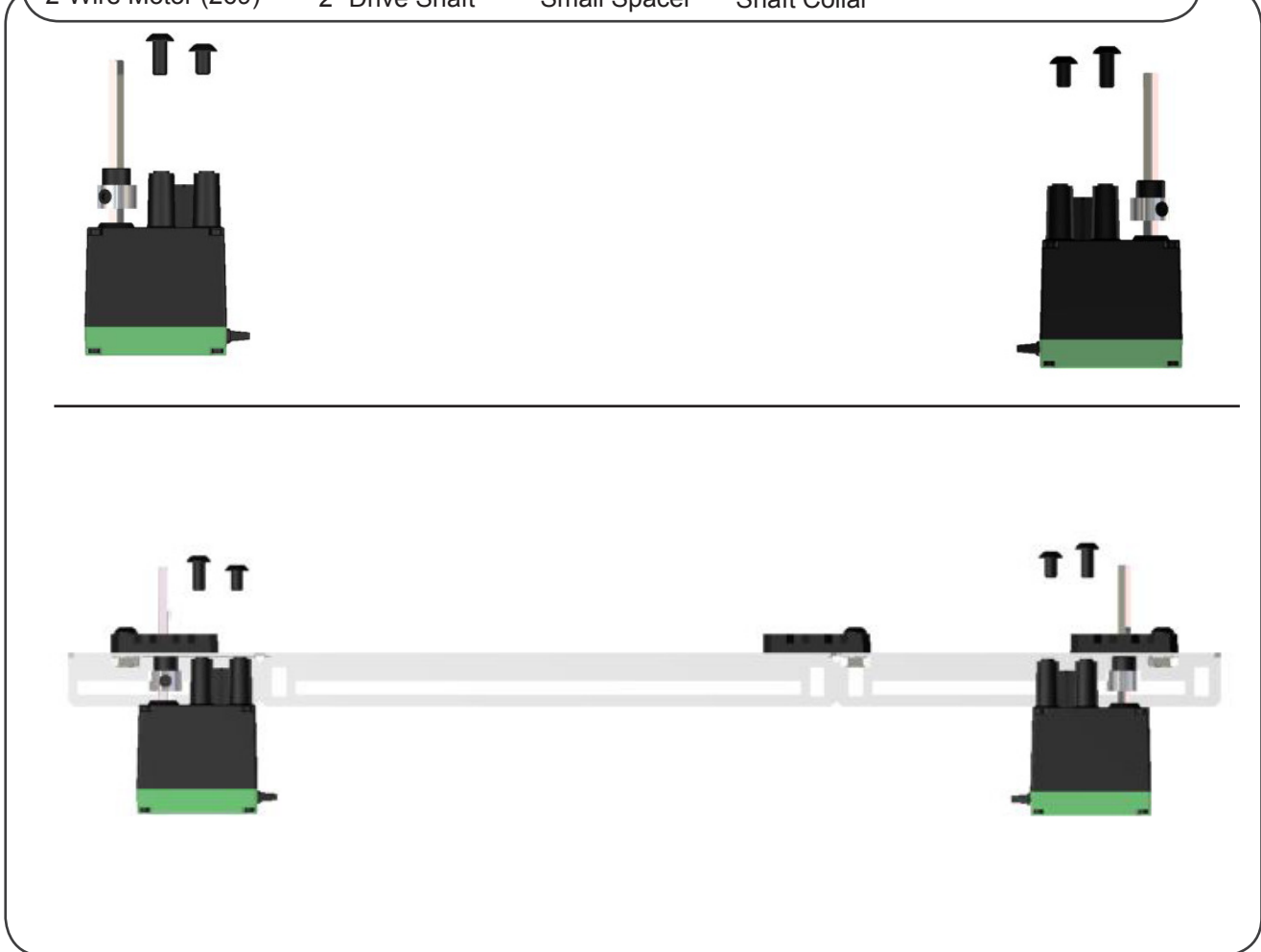
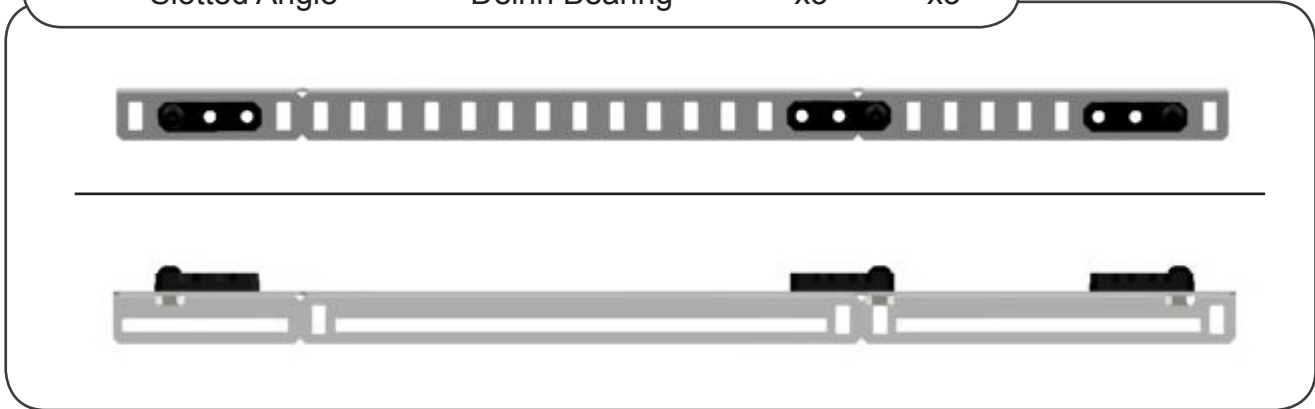
Note: Only one ULTRASONIC RANGE FINDER & LIGHT SENSOR per 4 students. Students should partner with another team of 2 to test components.



POE Testbed Build Instructions



POE Testbed Build Instructions



POE Testbed Build Instructions



x2

2.75" Wheel



x2

Shaft Collar



3-Wire Motor (Servo)



x1

2" Drive Shaft



x1

Small Spacer



x1

Shaft Collar



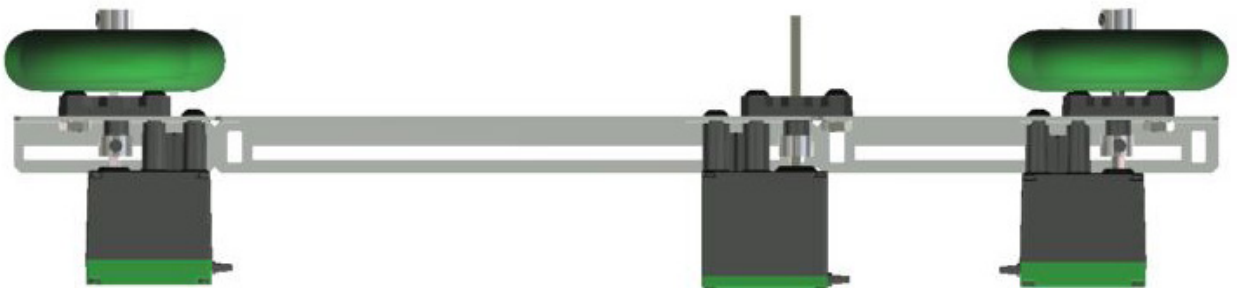
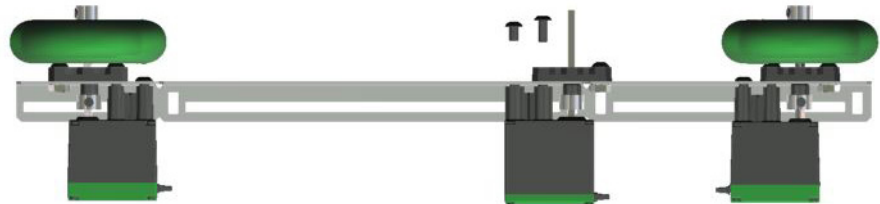
1/2"

x1



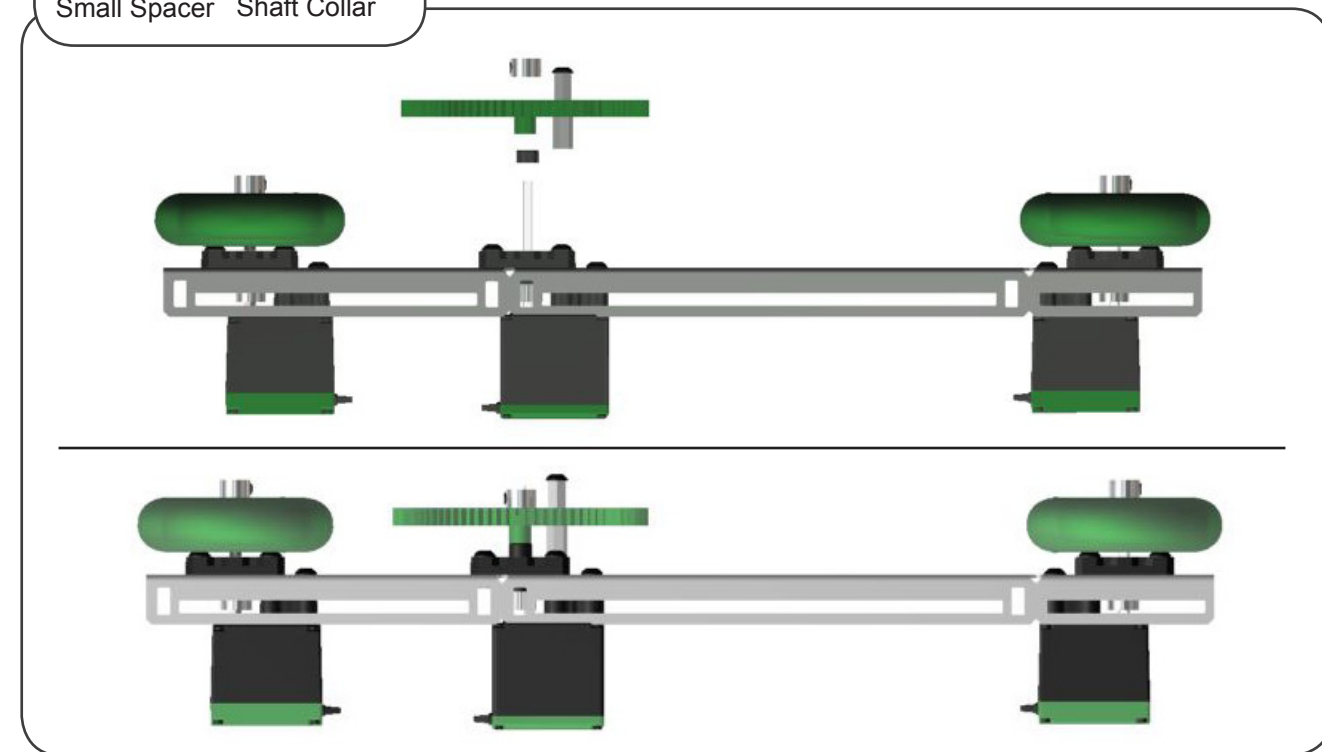
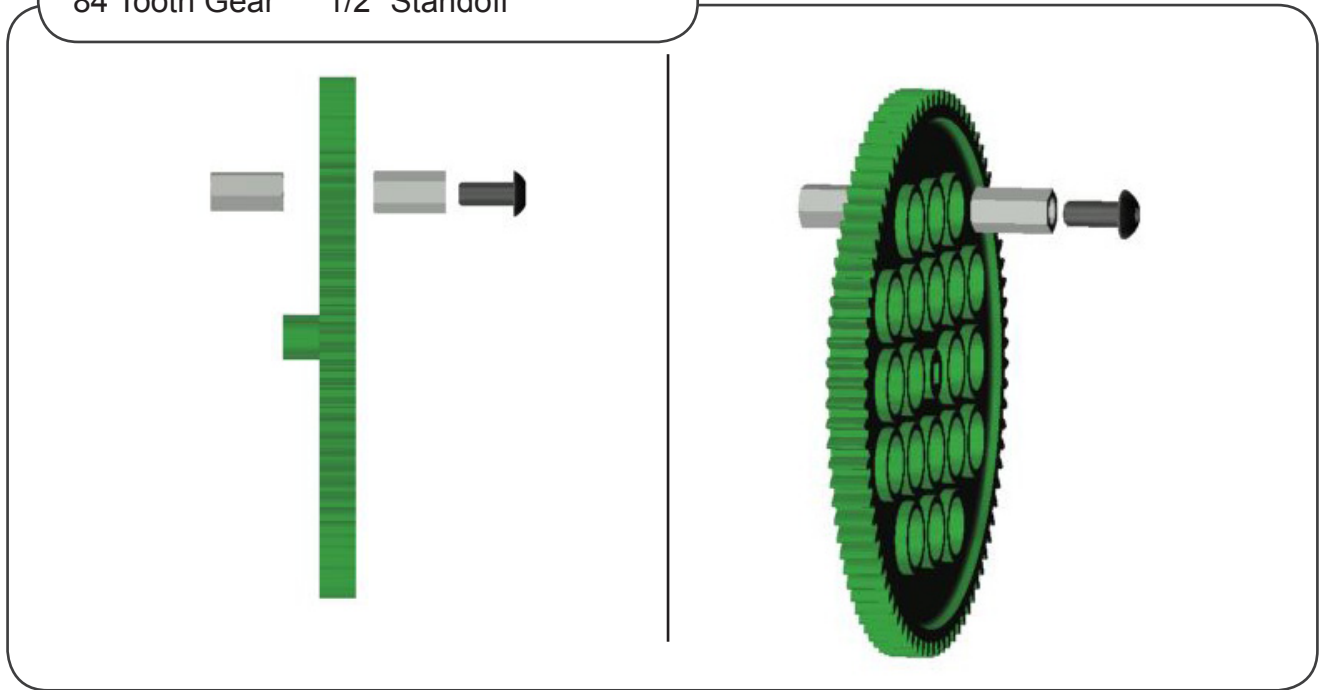
3/4"

x1

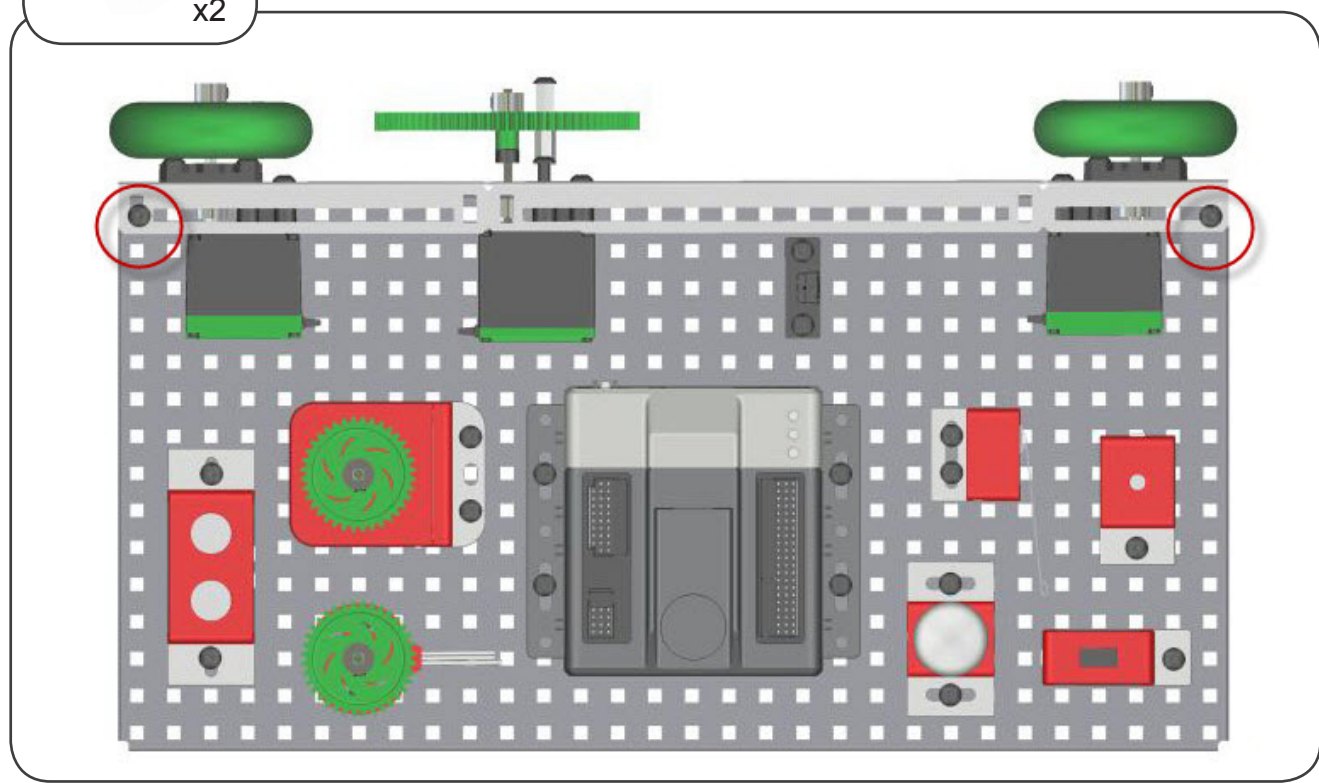
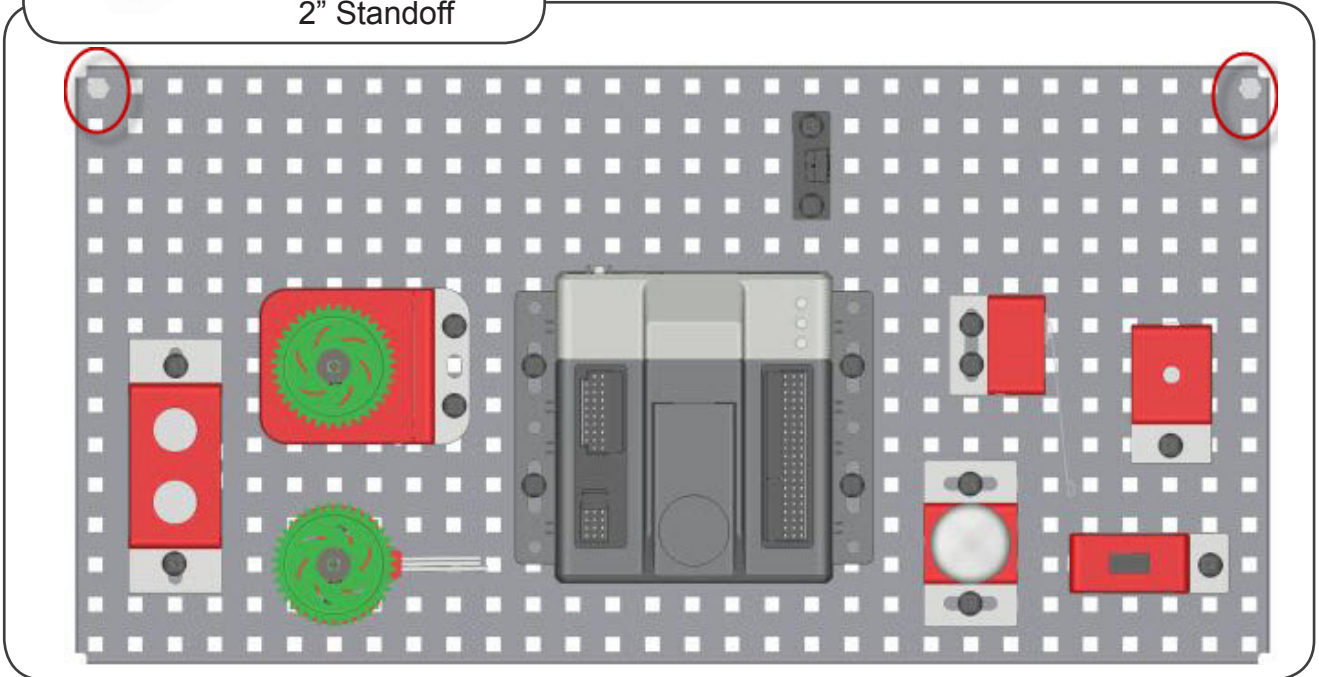
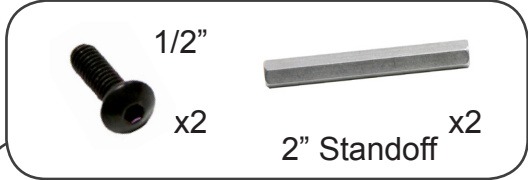


Note: Only one 3-WIRE (SERVO) MOTOR per 4 students. Students should partner with another team of 2 to test components.

POE Testbed Build Instructions



POE Testbed Build Instructions



POE Testbed Build Instructions

