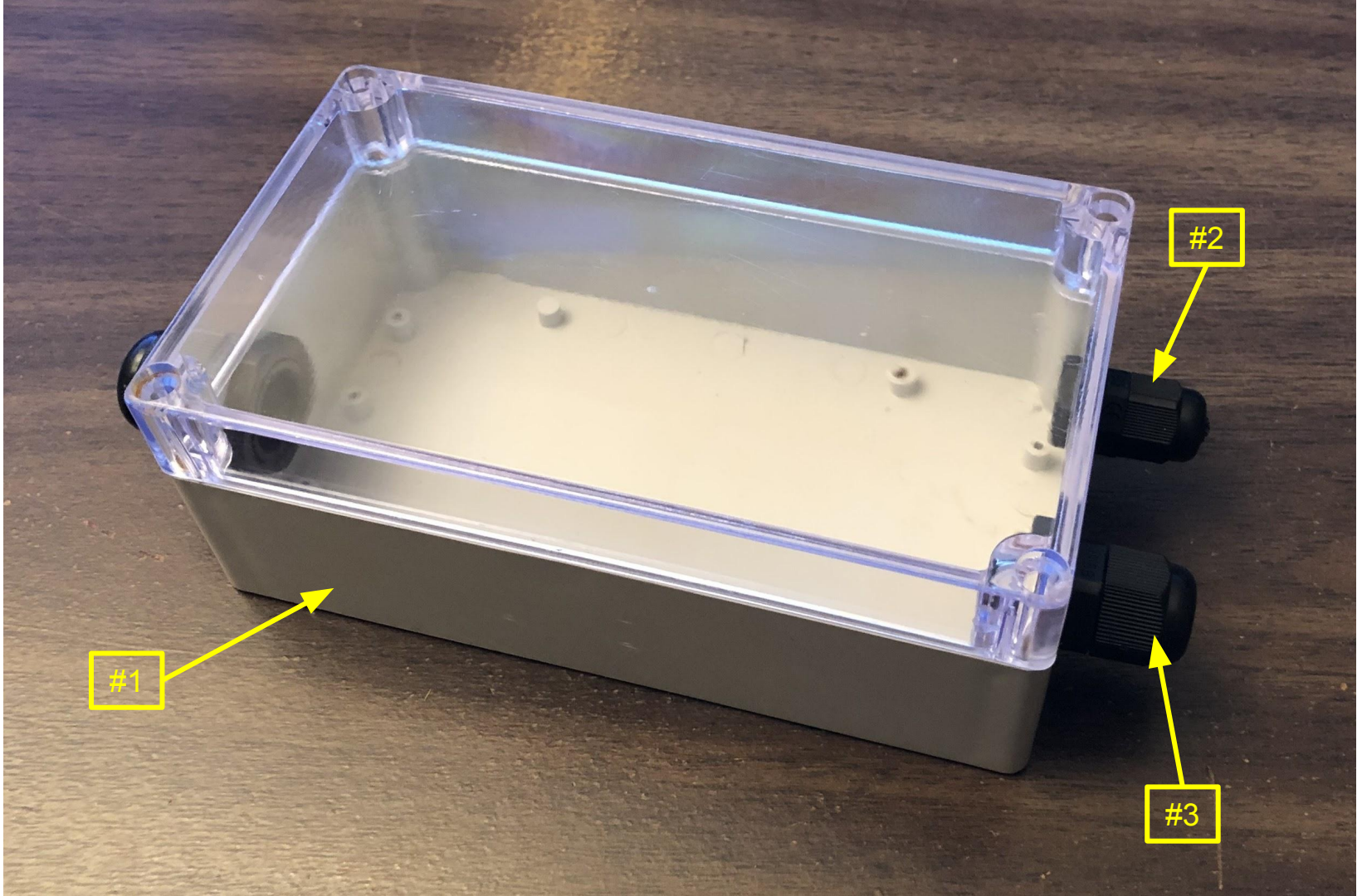
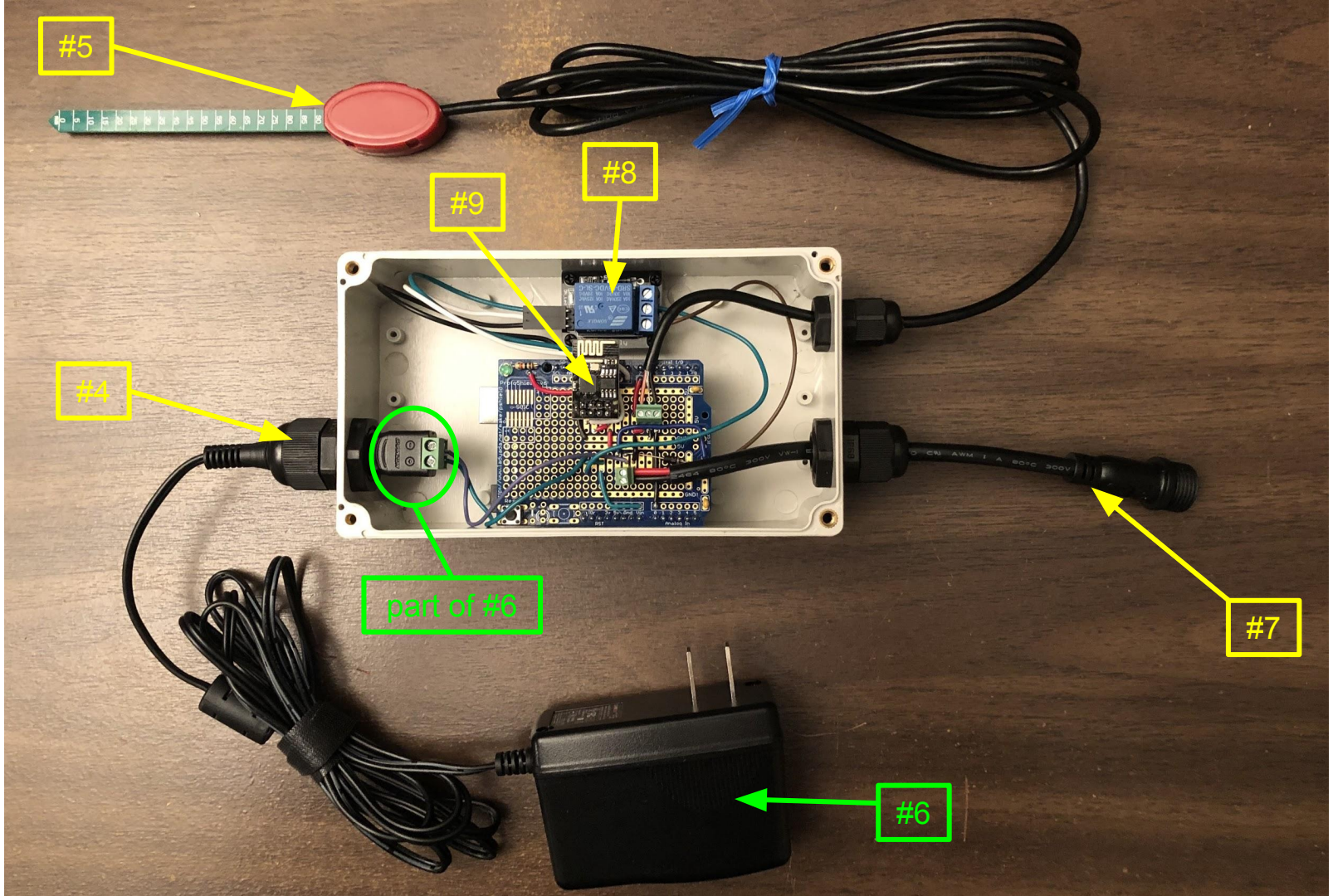
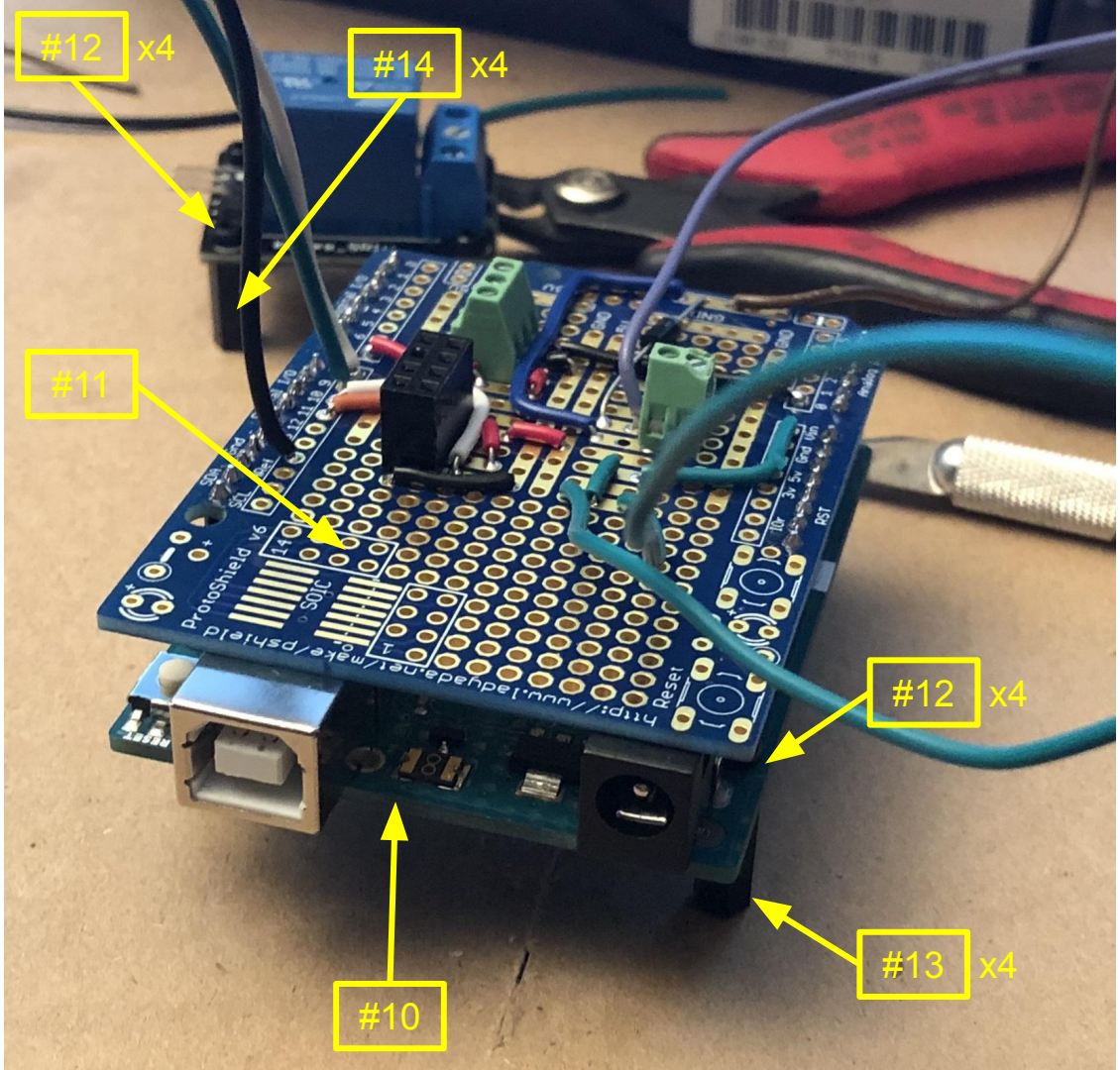
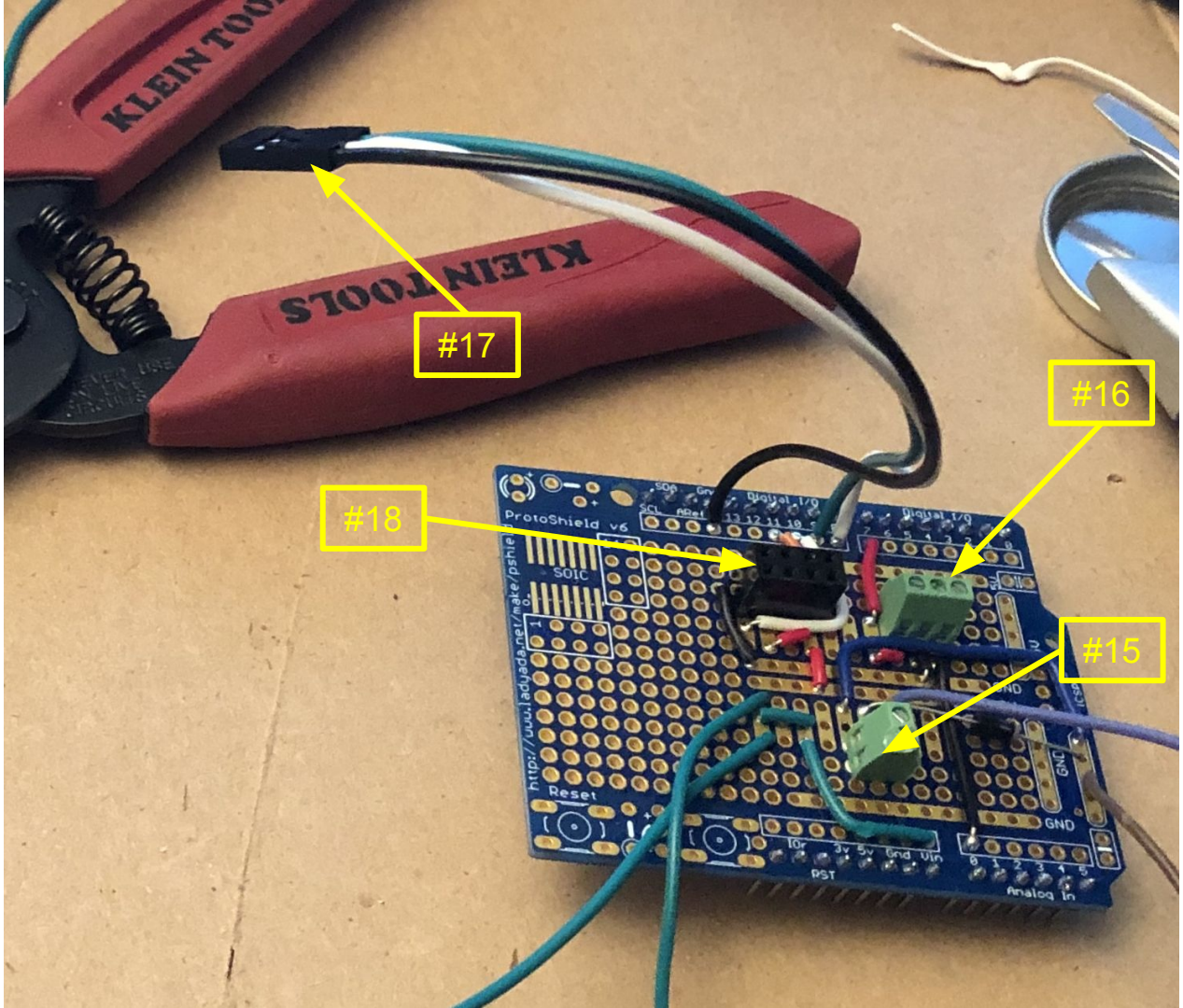
Arduino Enclosure
Mechanical Assembly

Part ID	Quantity	Part Number	Description	Vendor
#1	1	B01N8SLCUM	waterproof project box	Amazon
#2	1	JX0039	PG7 cable gland	Amazon
#3	1	part of #2	PG9 cable gland	Amazon
#4	1	part of #2	PG11 cable gland	Amazon
#5	1	VH400	moisture sensor	Vegetronix
#6	1	2ABL024F	+12VDC 2A power supply	Amazon
#7	1	WP2PINBB	waterproof connector	Amazon
#8	1	BJ-DT0Y-001	relay module	Amazon
#9	1	ESP-01	wifi module	Amazon
#10	1	A000066	Arduino Uno Rev3	Arduino
#11	1	2007	Arduino proto shield	Adafruit
#12	8	B0788FR59P	M2.5x6mm screws	Amazon
#13	4	part of #12	M2.5x15mm female/female standoff	Amazon
#14	4	part of #12	M2.5x12mm female/female standoff	Amazon
#15	1	2138	2-pin terminal block	Adafruit
#16	1	2136	3-pin terminal block	Adafruit
#17	1	B014YTPFT8	3-pin connector	Amazon
#18	1	B076H25ZB8	2x4 female header	Amazon


#2
#1
#3


#5
#8
#9
#4
part of #6
#7
#6


#12 x4
#14 x4
#11
#12 x4
#13 x4
#10


KLEIN TOOLS
#17
#16
#18
#15
ProtoShield v6
SOIC
Reset
GND
Analog In