



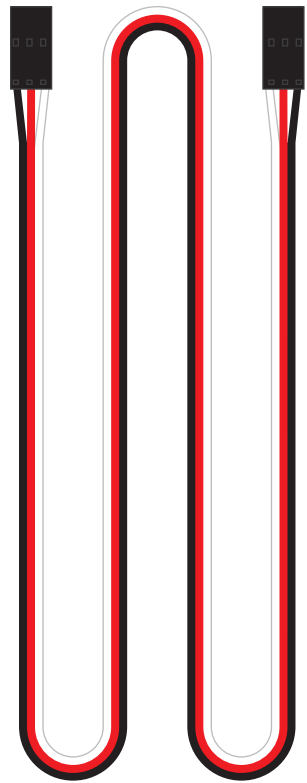
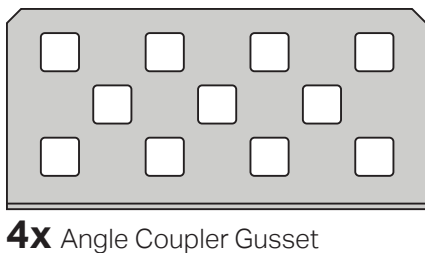
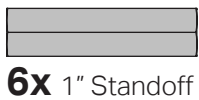
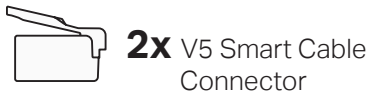
Lab 10: Conveyor Systems and Sensors

V5 Workcell STEM Labs

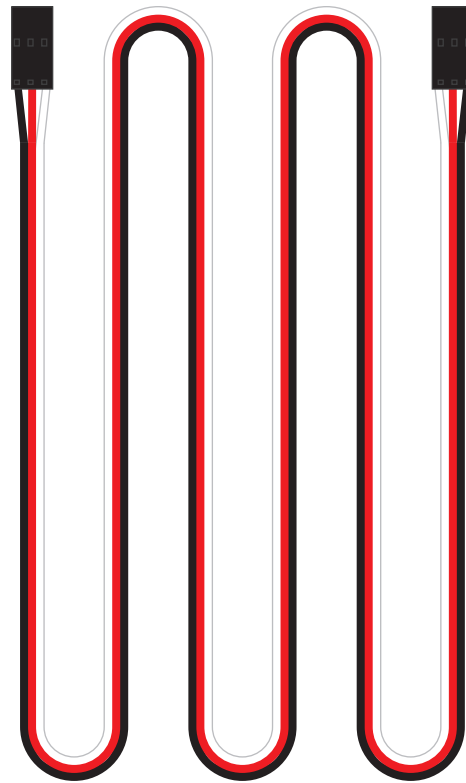


Parts List

All V5 Control System, gears, wheels, wires, and structure are not to scale. All other parts listed are 1:1 scale.



1x 3-Wire Extension Cable (24")



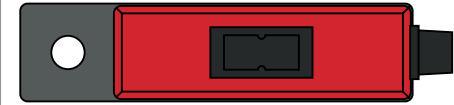
2x 3-Wire Extension Cable (36")



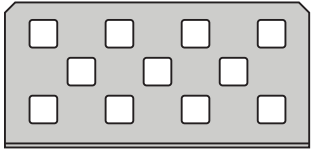
1x V5 Smart Cable Stock (8m)



1x V5 Optical Sensor



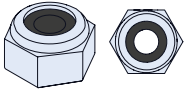
3x Line Tracker



1x Angle Coupler Gusset



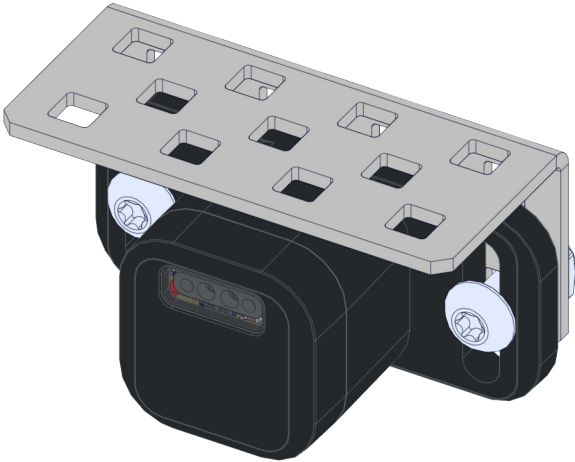
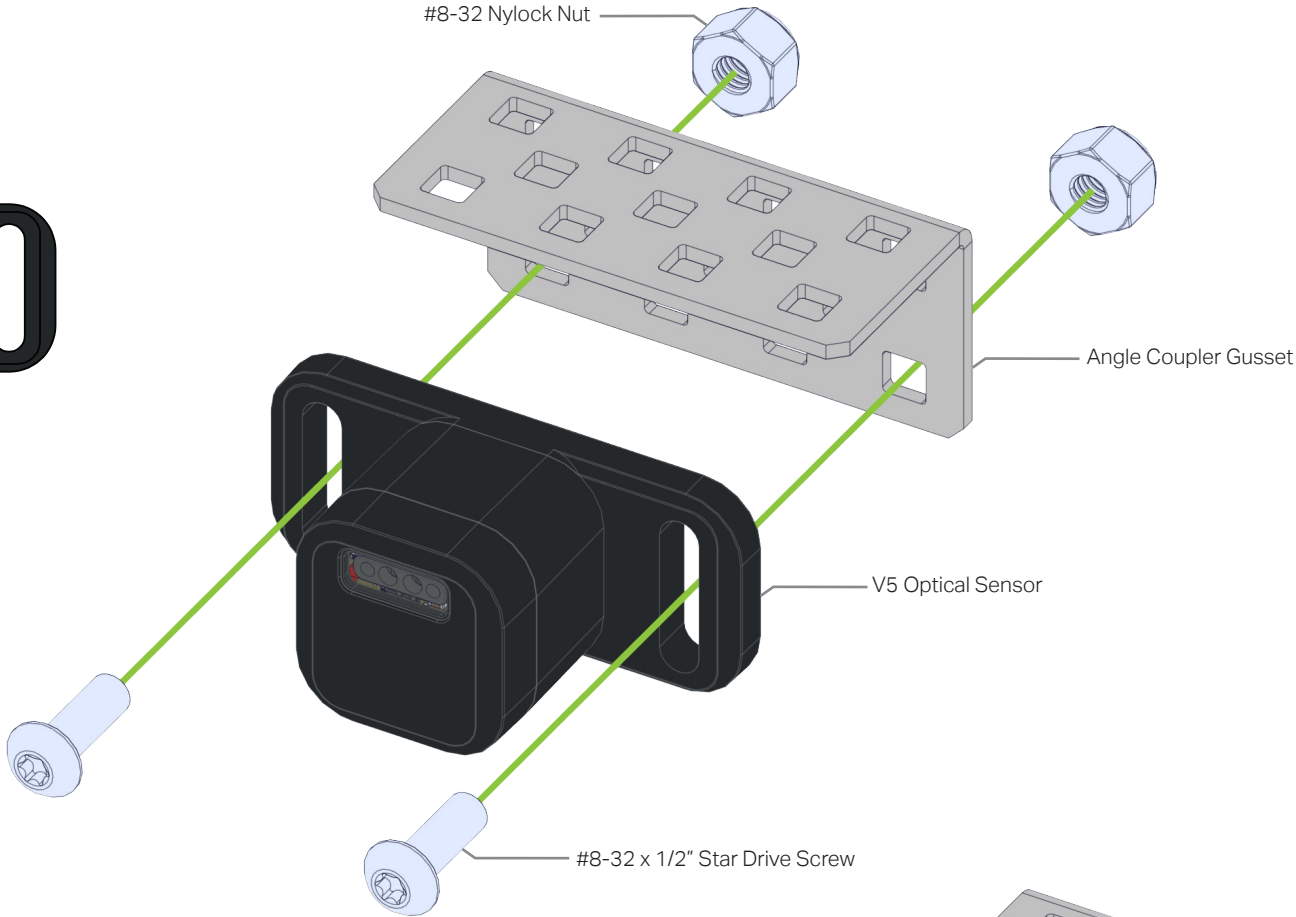
1x V5 Optical Sensor



2x #8-32 Nylock Nut



2x #8-32 x 1/2" Star Drive Screw



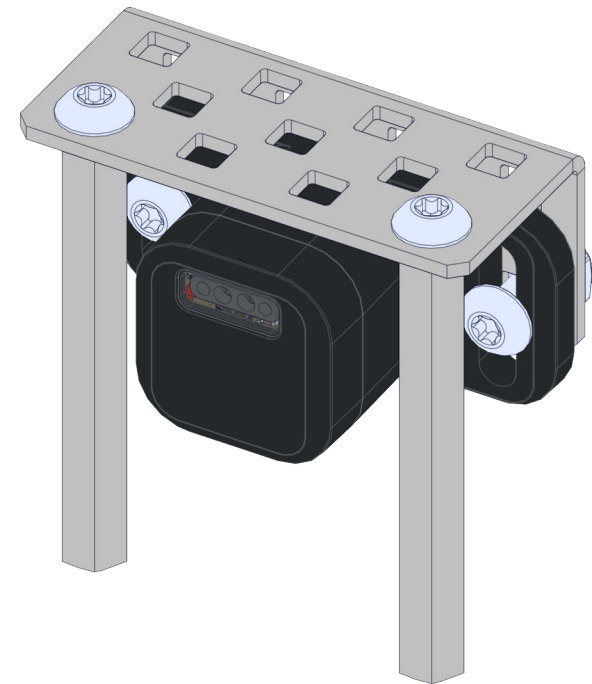
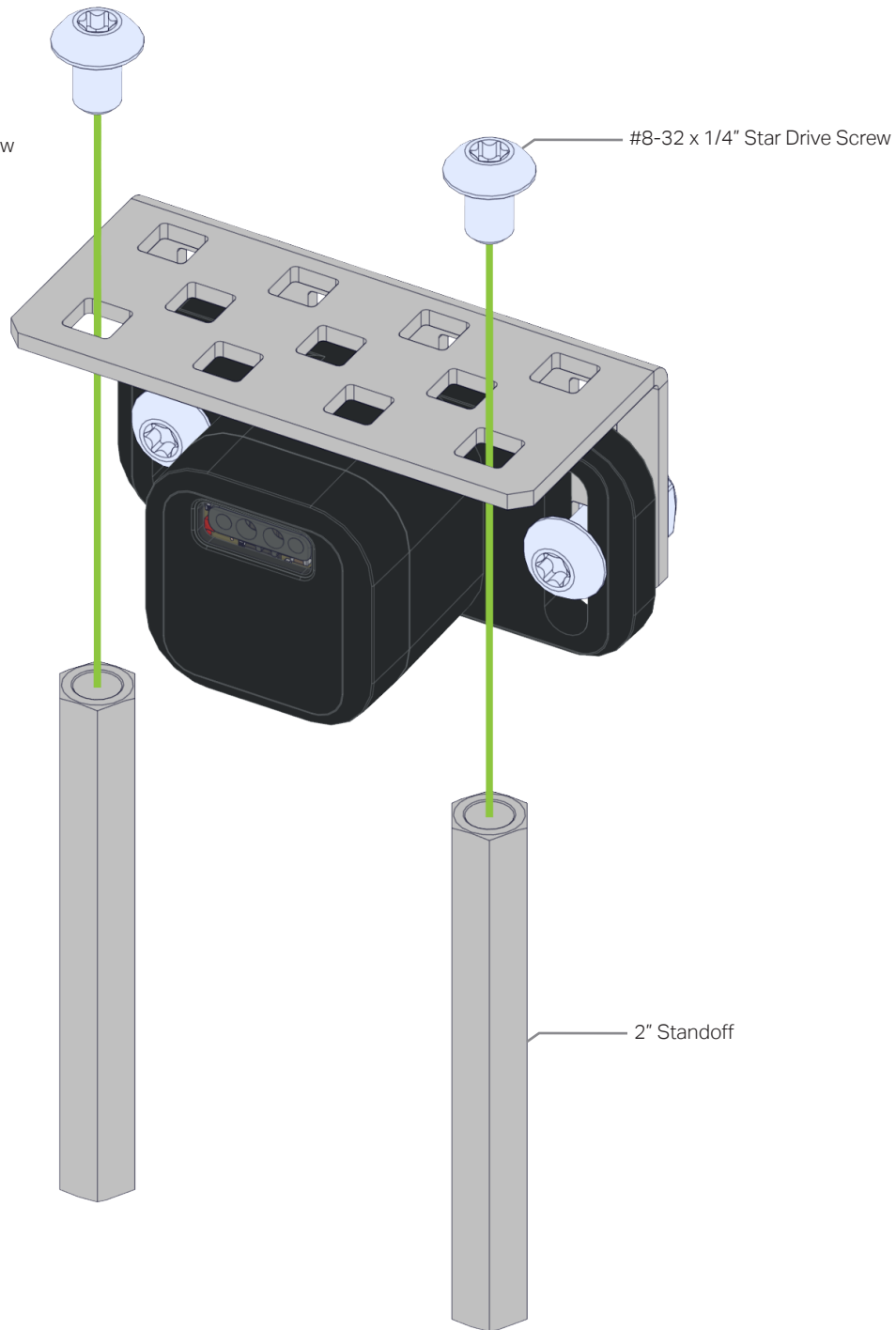
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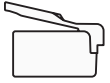
2x #8-32 x 1/4" Star Drive Screw



2x 2" Standoff



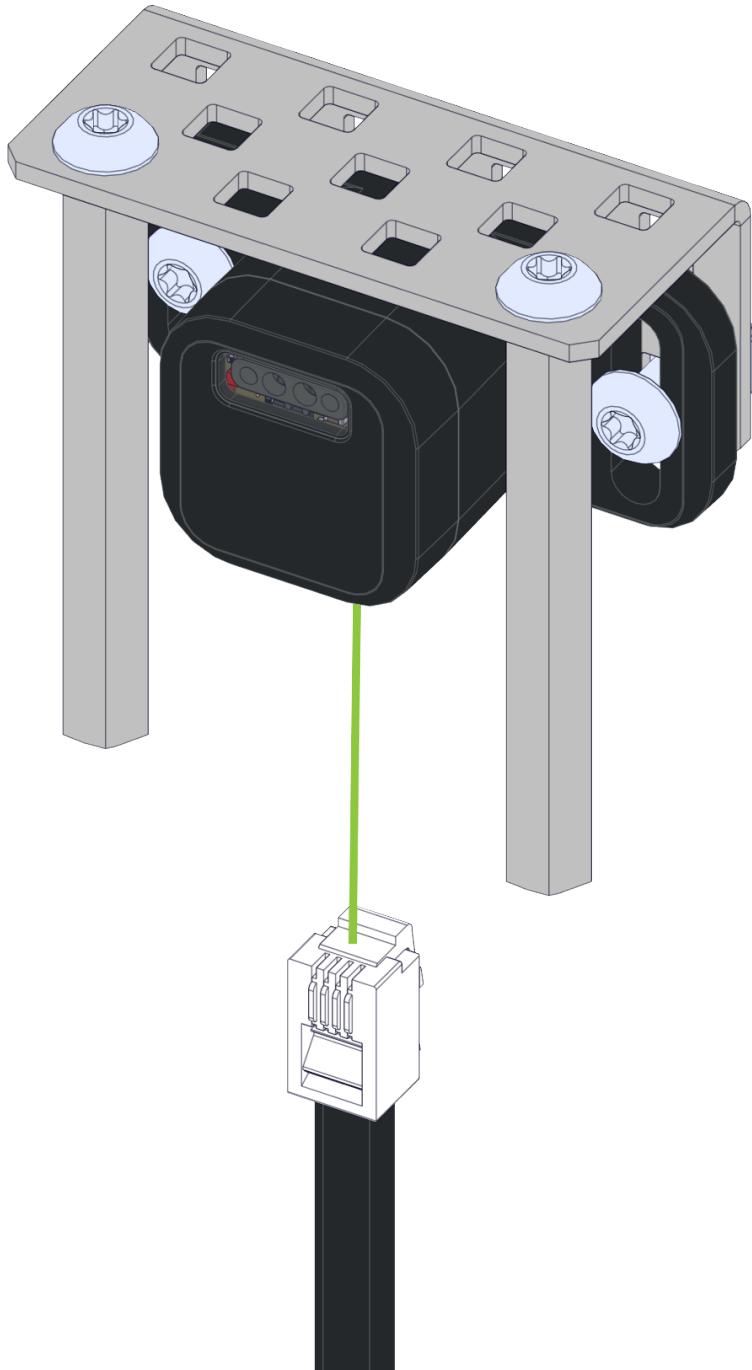
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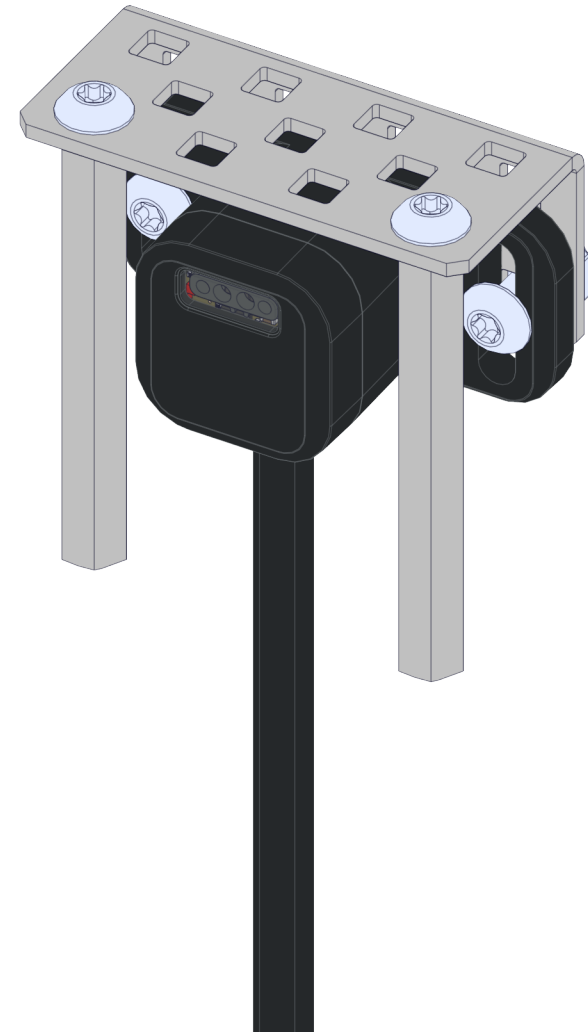
2x V5 Smart Cable Connector



1x V5 Smart Cable Stock (8m)



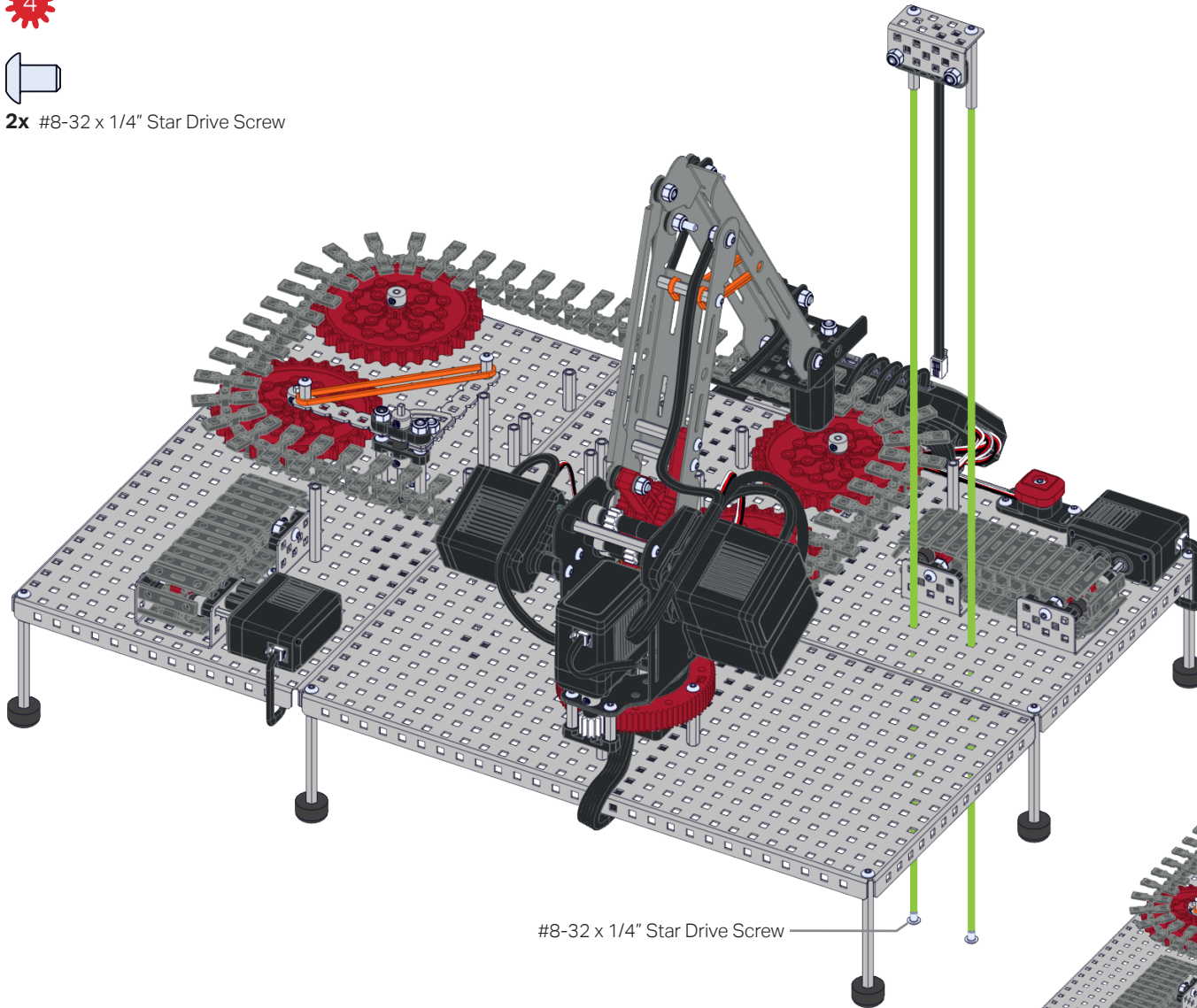
To make cables for this step,
please view the Knowledge
Base article [here](#).



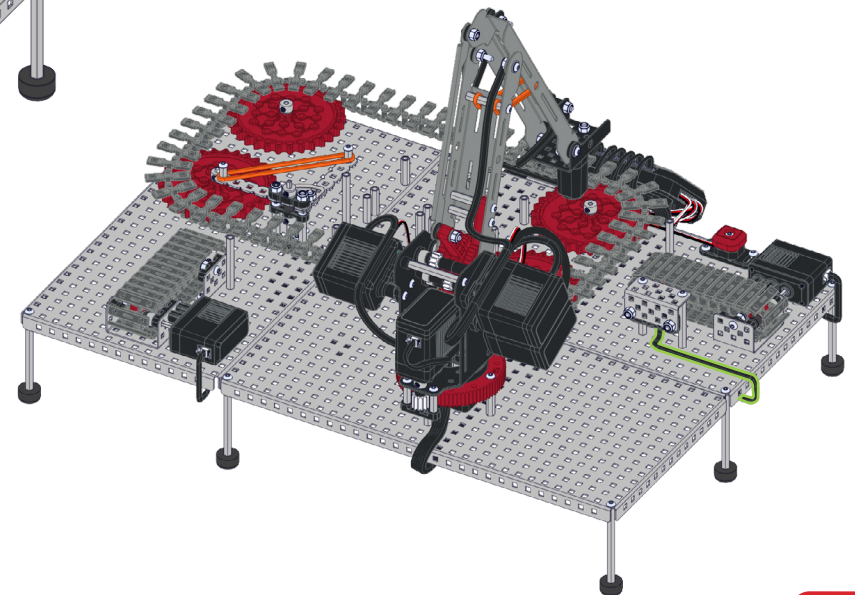
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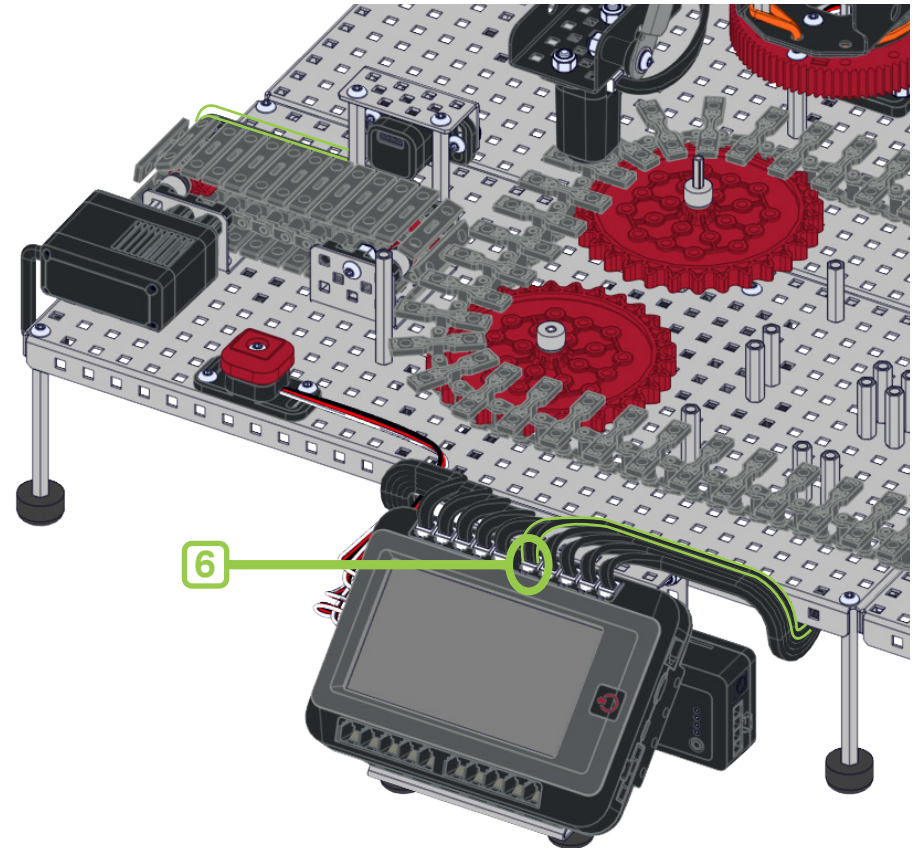
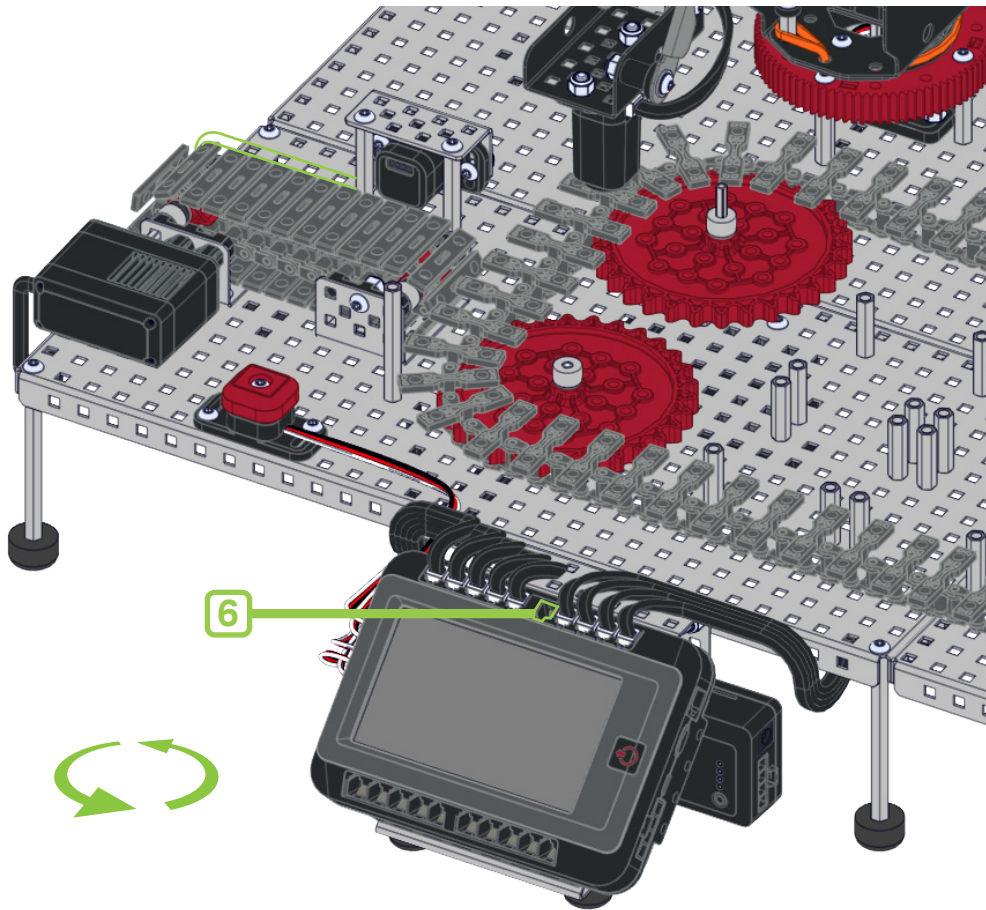


2x #8-32 x 1/4" Star Drive Screw

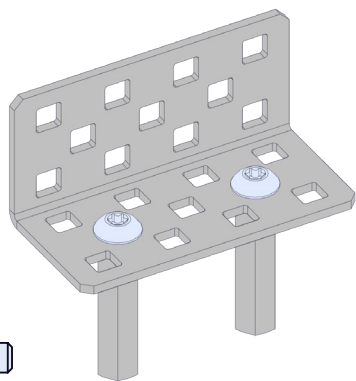
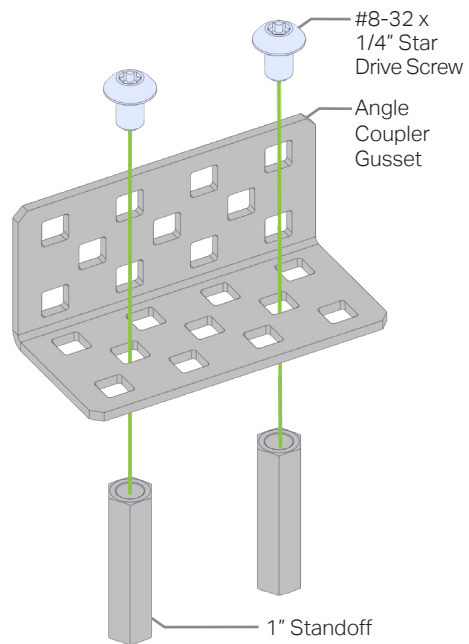


#8-32 x 1/4" Star Drive Screw





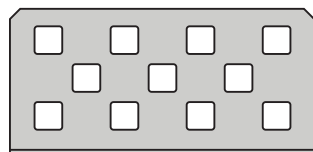
6 3X



6x #8-32 x 1/4" Star Drive Screw

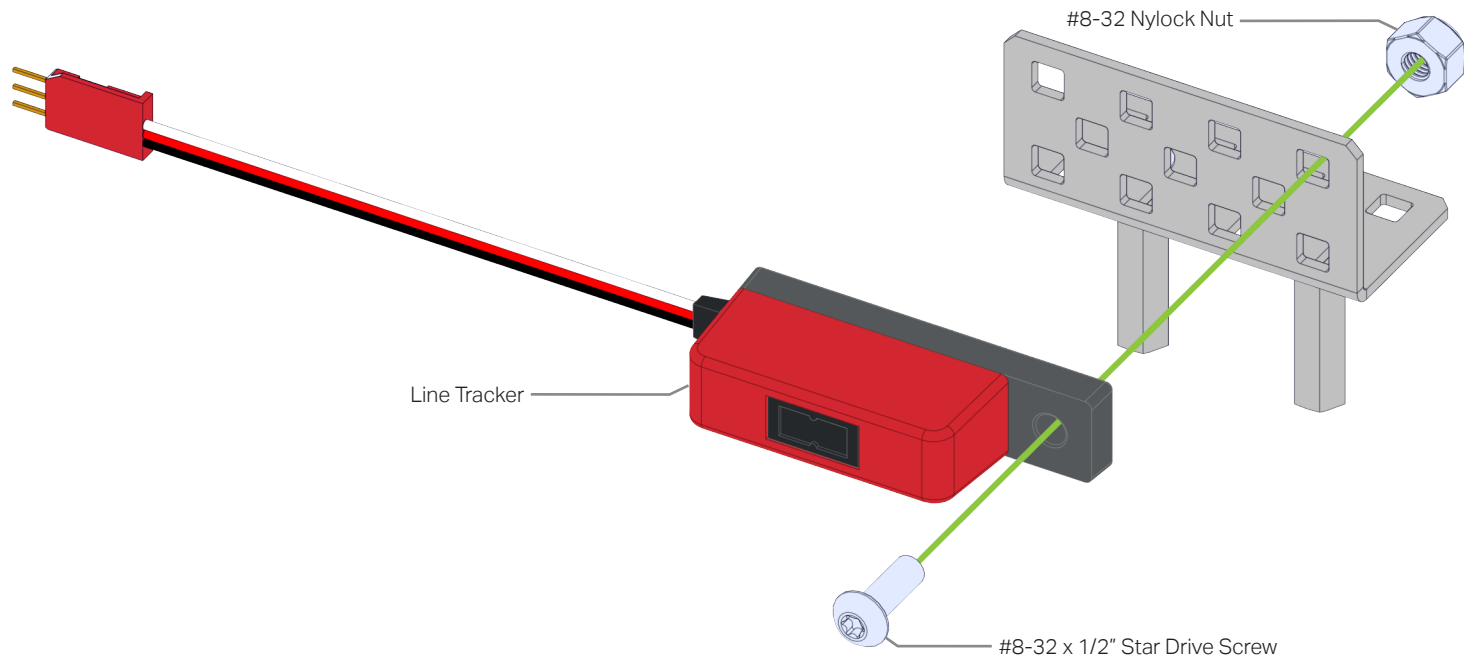


6x 1" Standoff

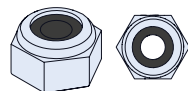


3x Angle Coupler Gusset

7 3X



3x Line Tracker



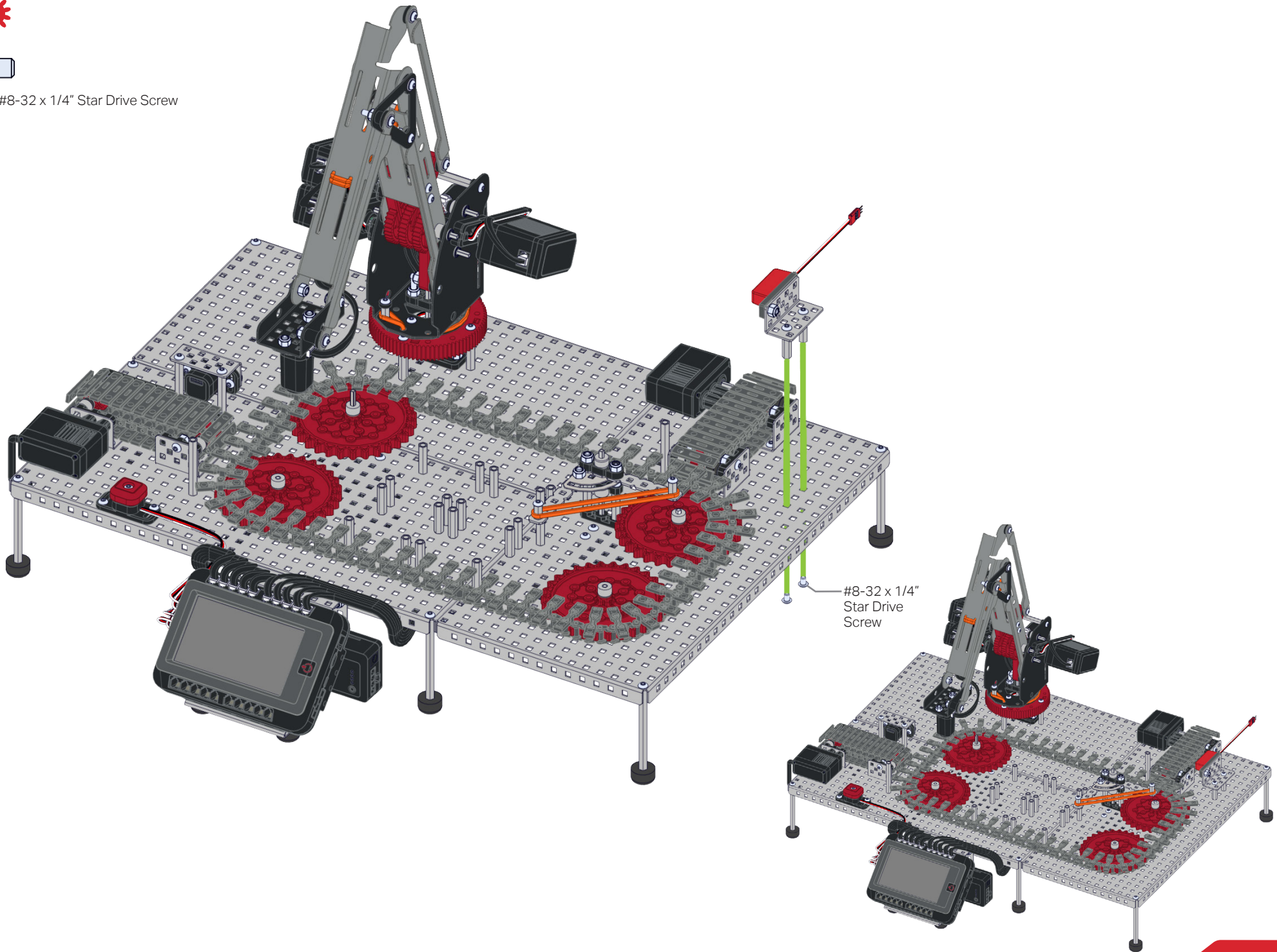
3x #8-32 Nylock Nut



3x #8-32 x 1/2" Star Drive Screw



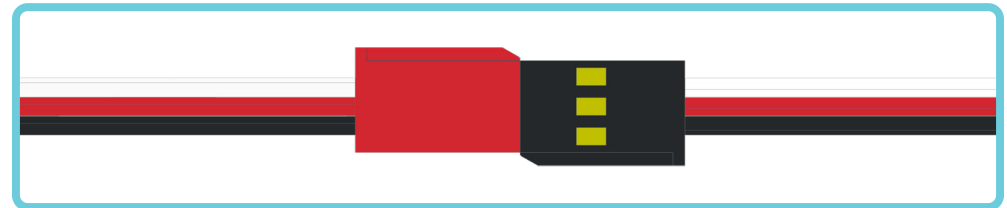
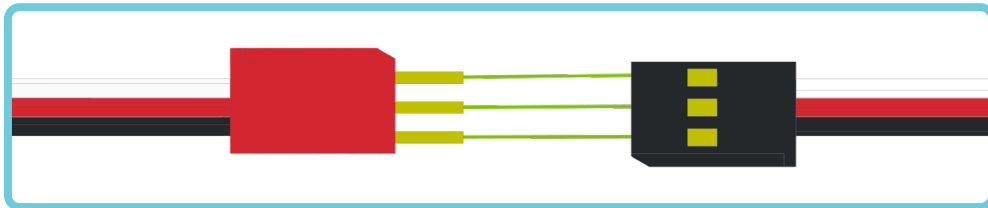
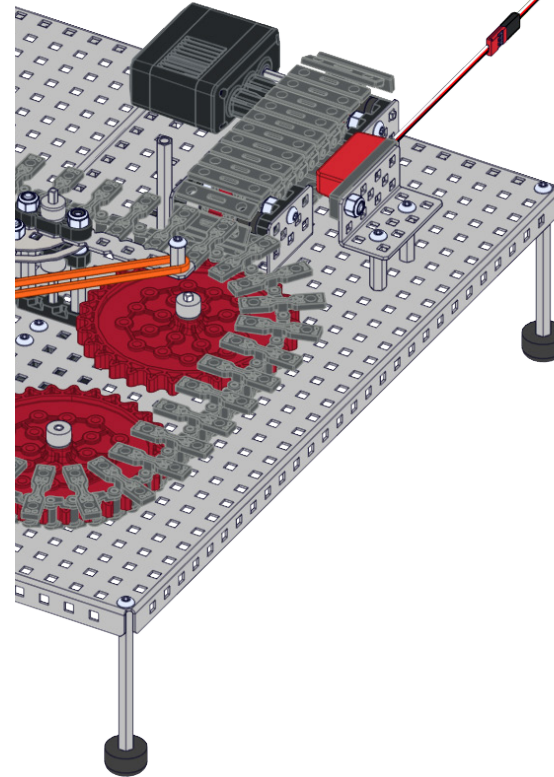
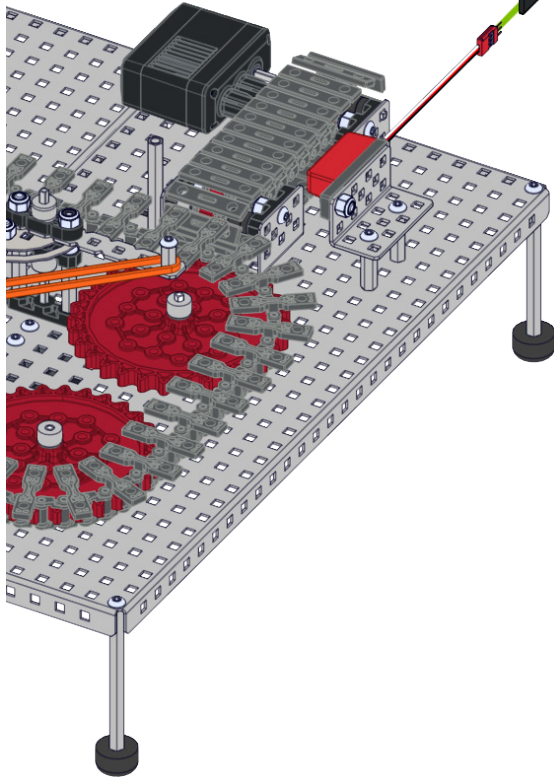
2x #8-32 x 1/4" Star Drive Screw

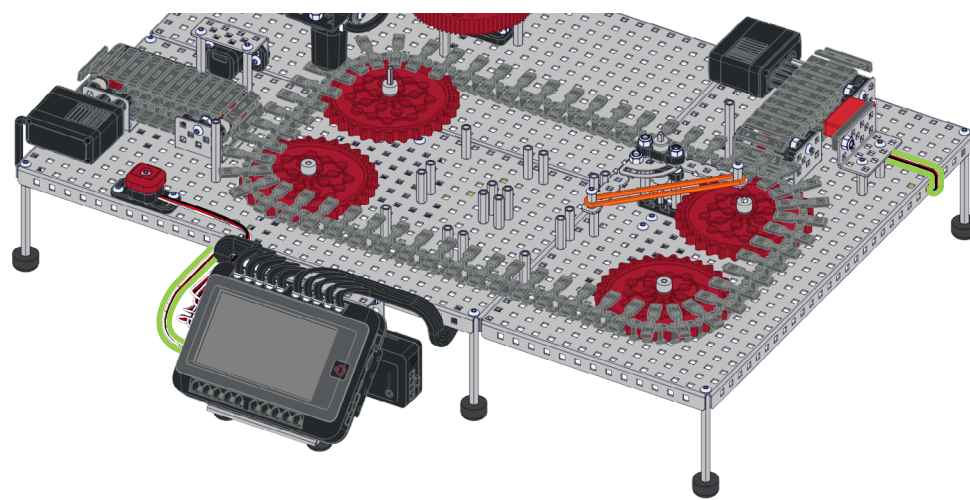
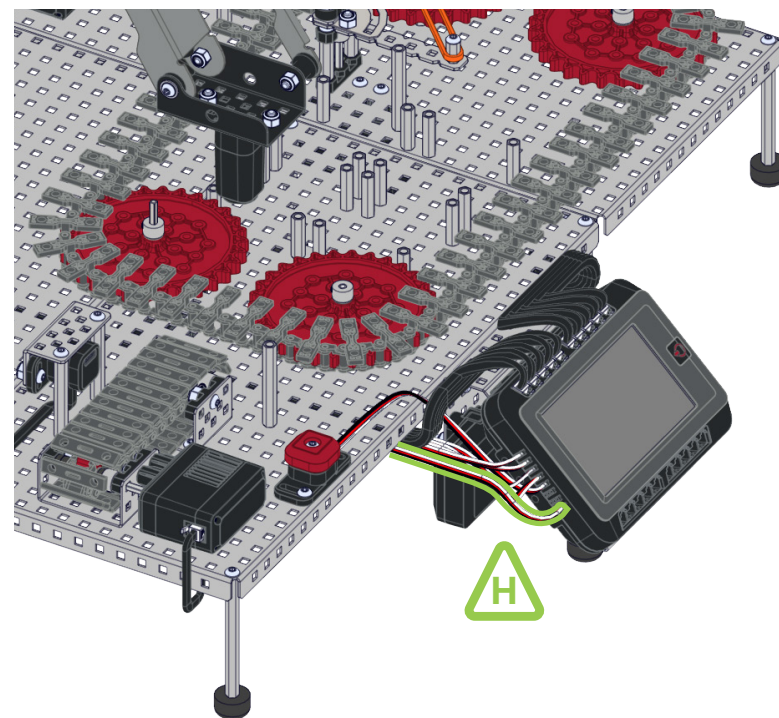
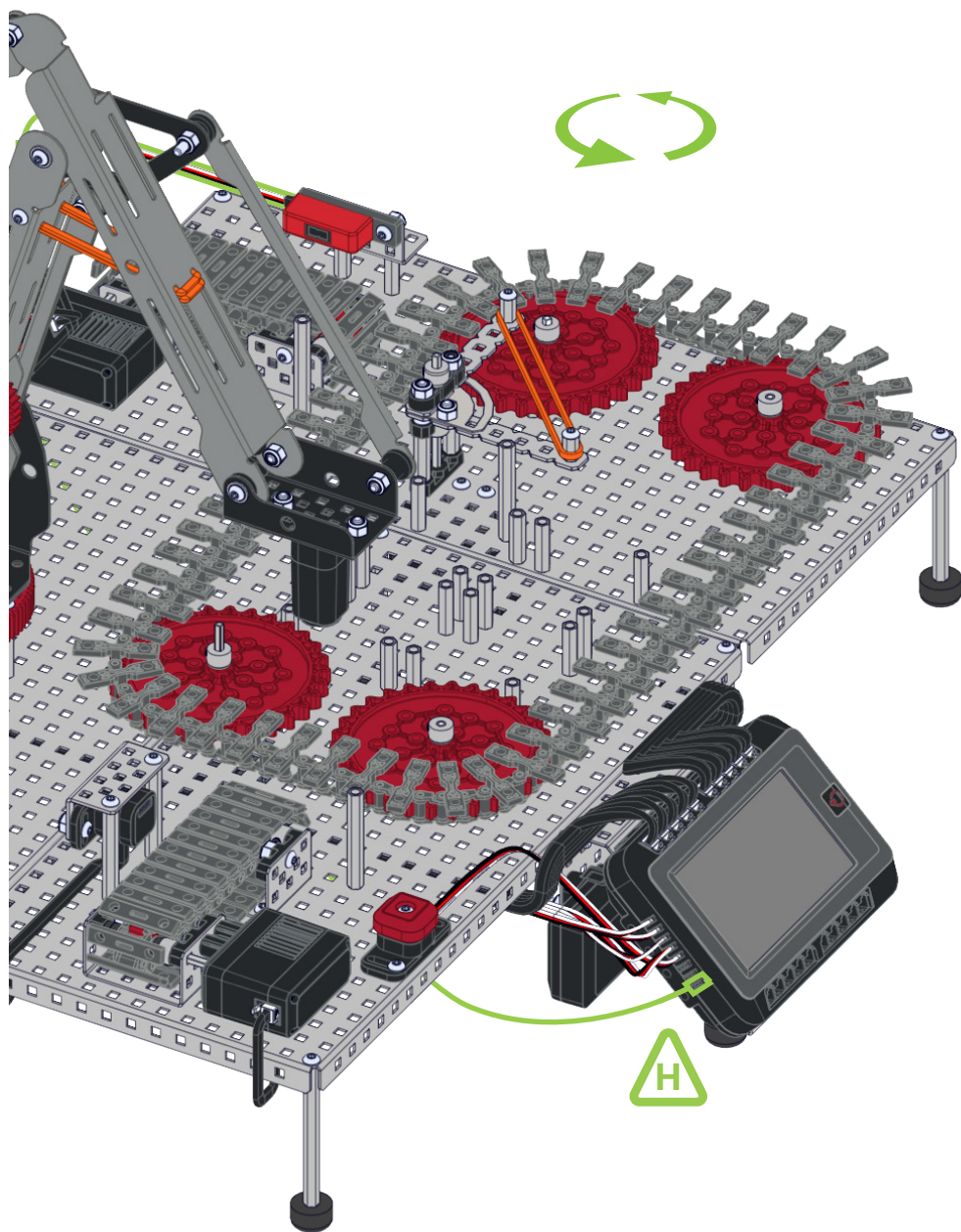




1x 3-Wire Extension Cable (36")

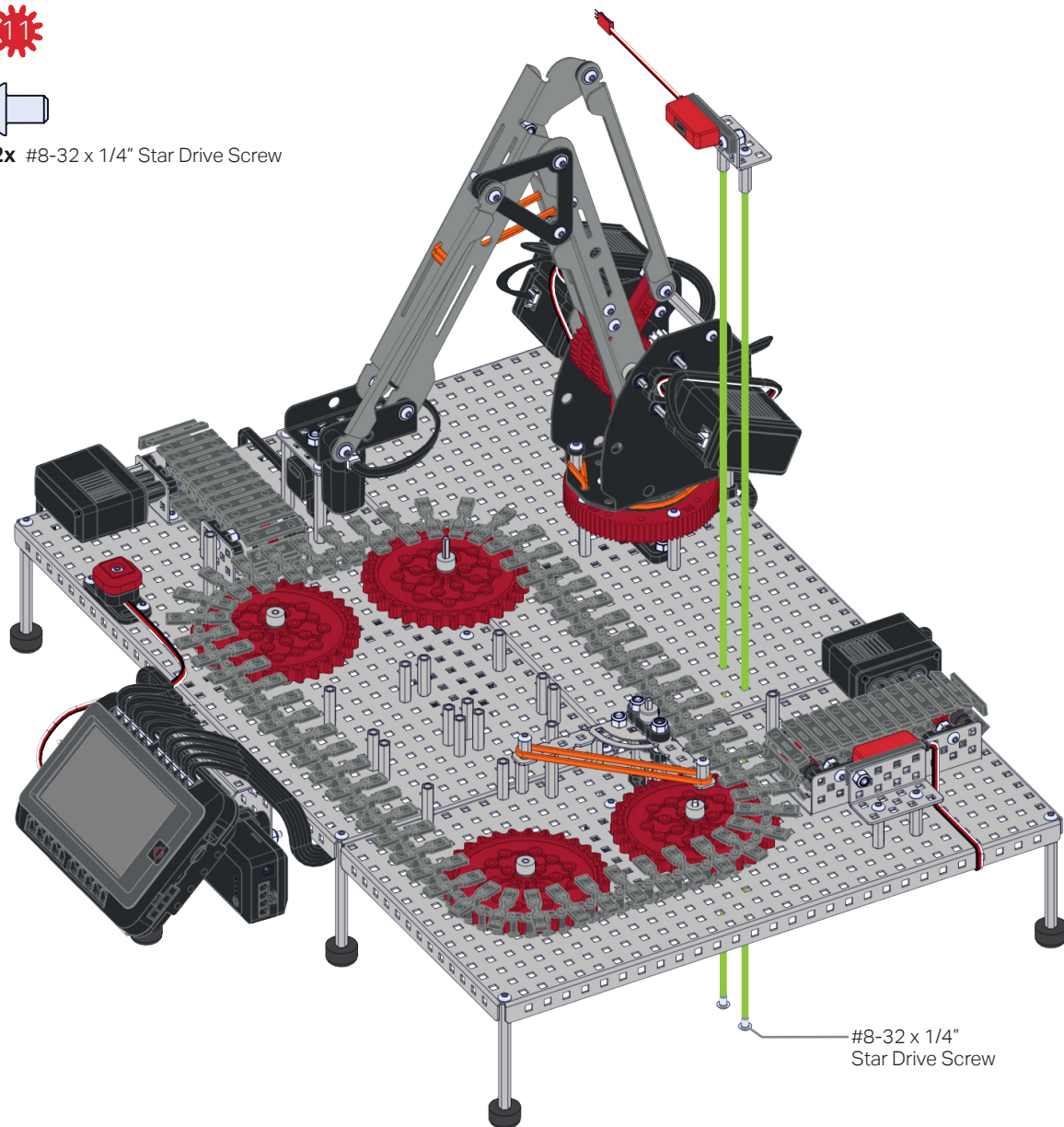
3-Wire Extension Cable (36")



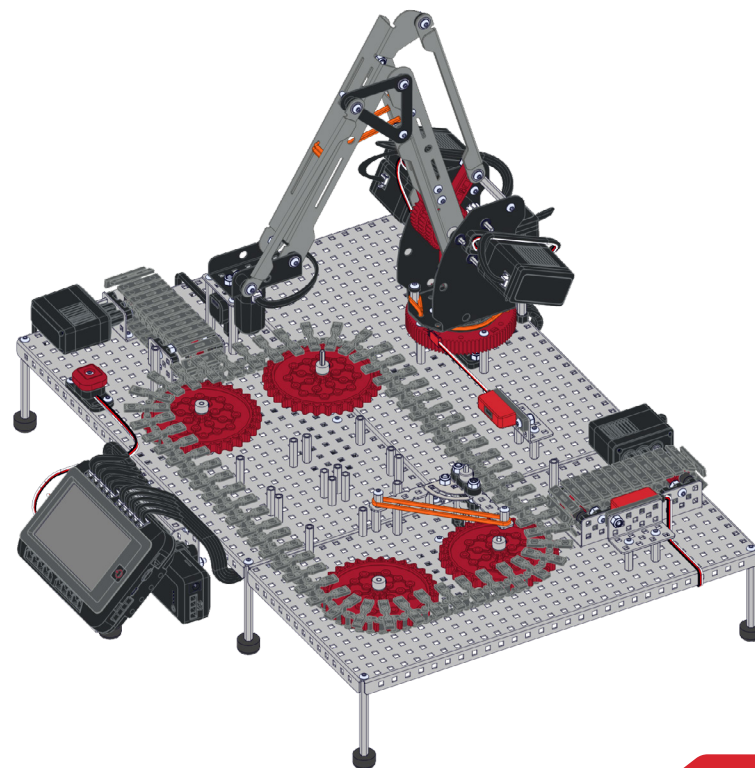




2x #8-32 x 1/4" Star Drive Screw

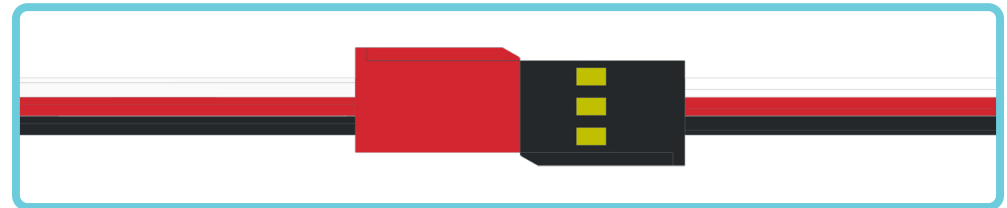
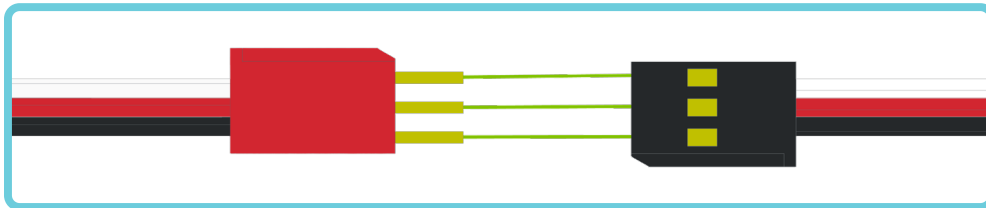
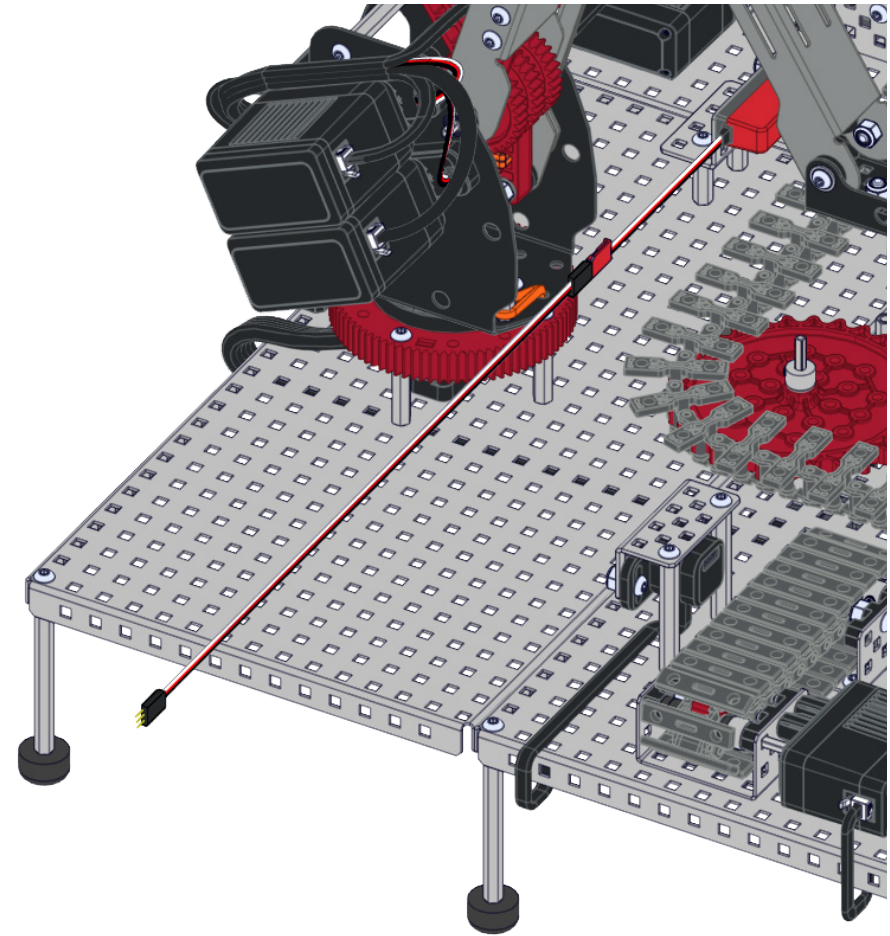
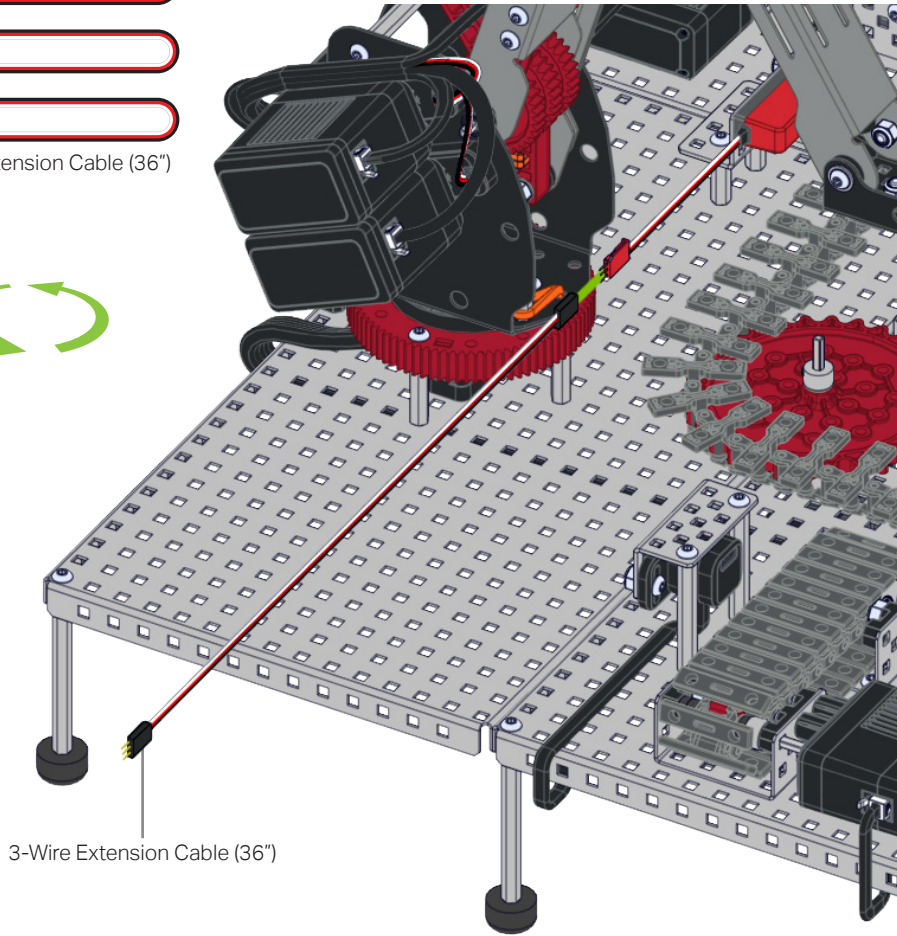


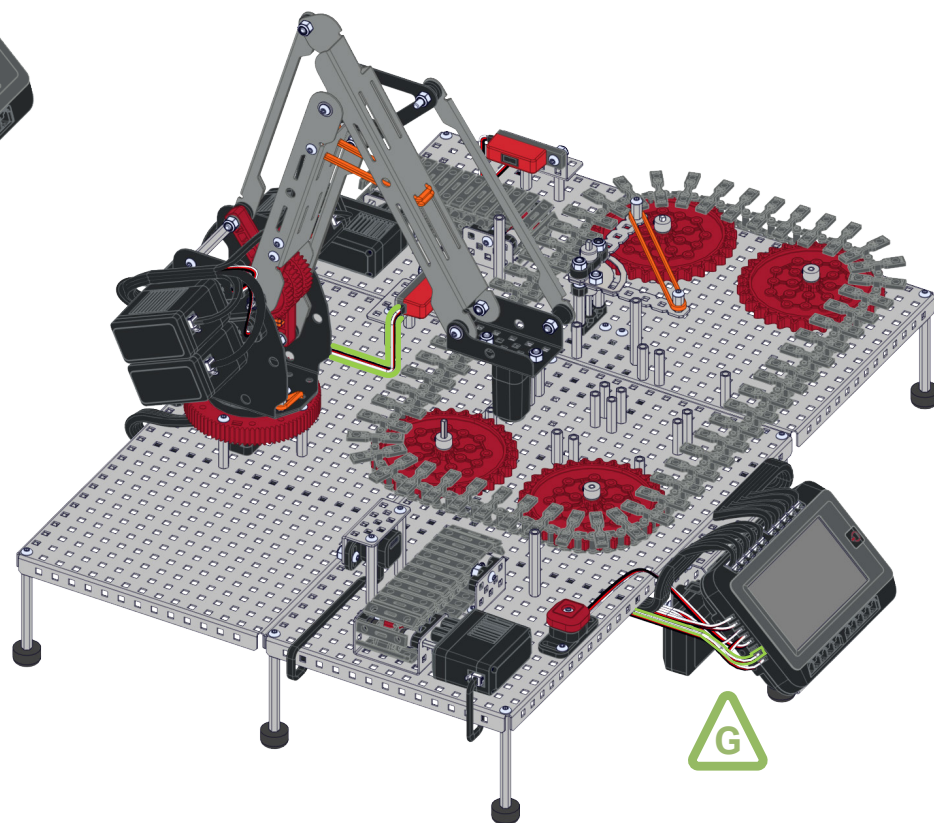
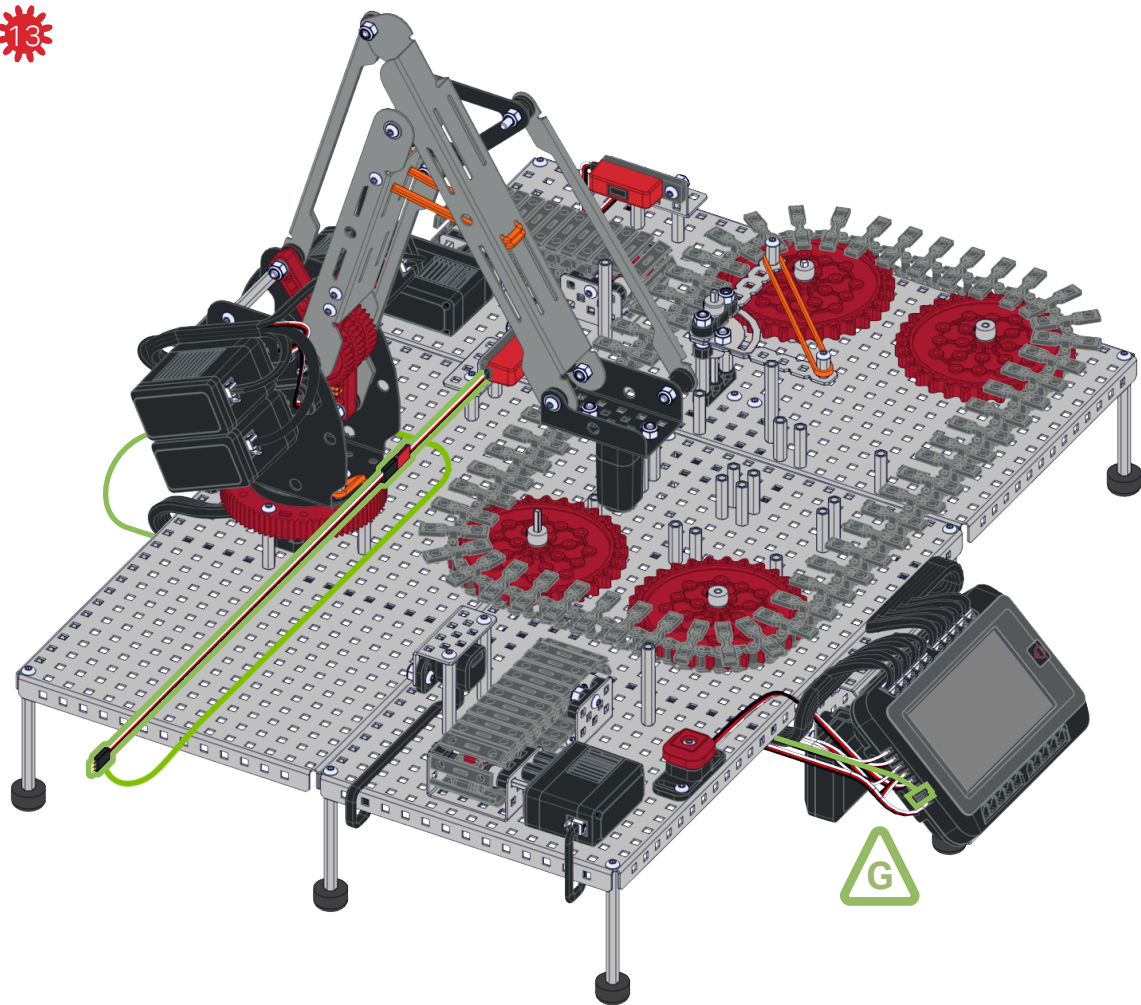
#8-32 x 1/4"
Star Drive Screw





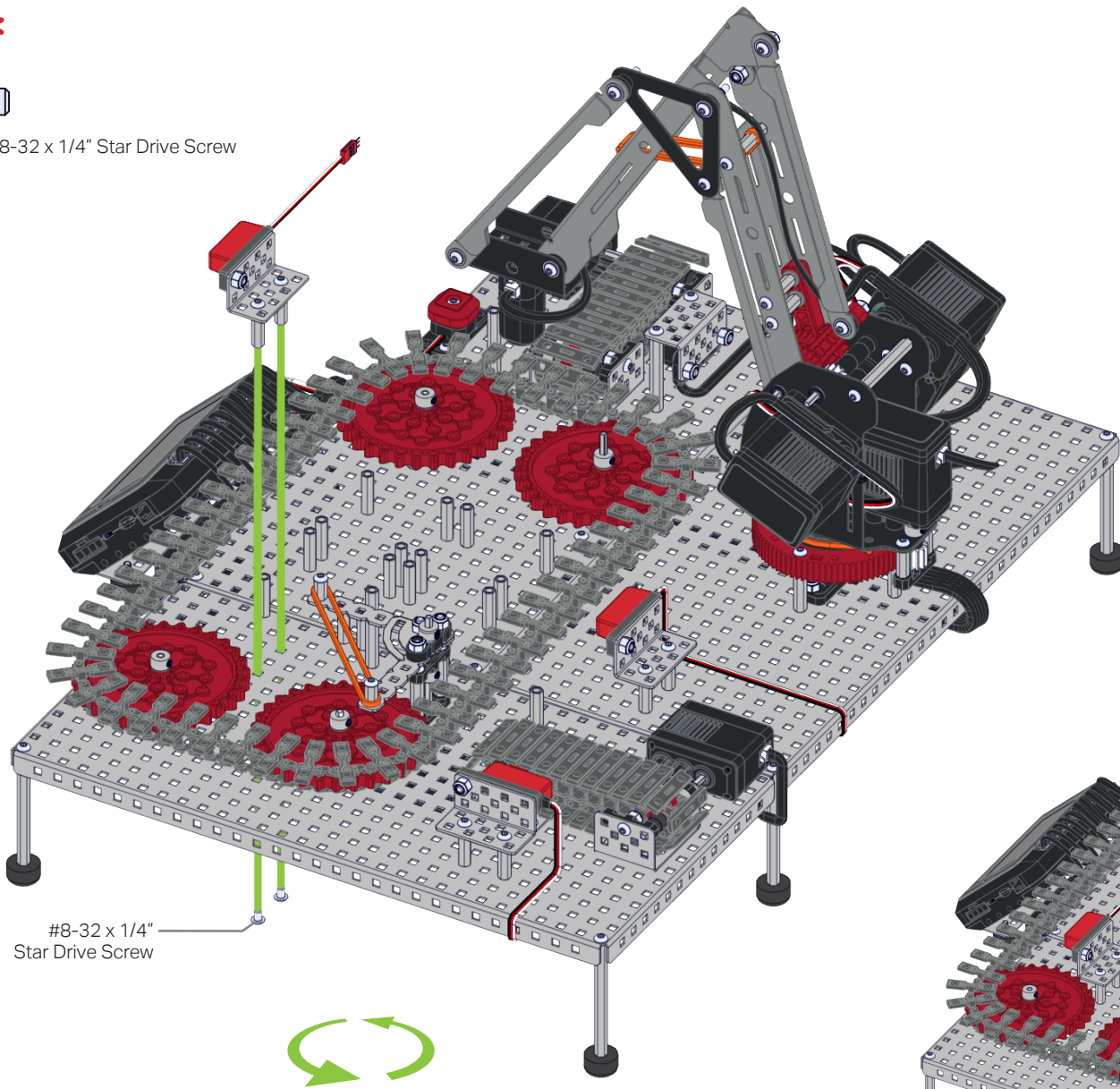
1x 3-Wire Extension Cable (36")



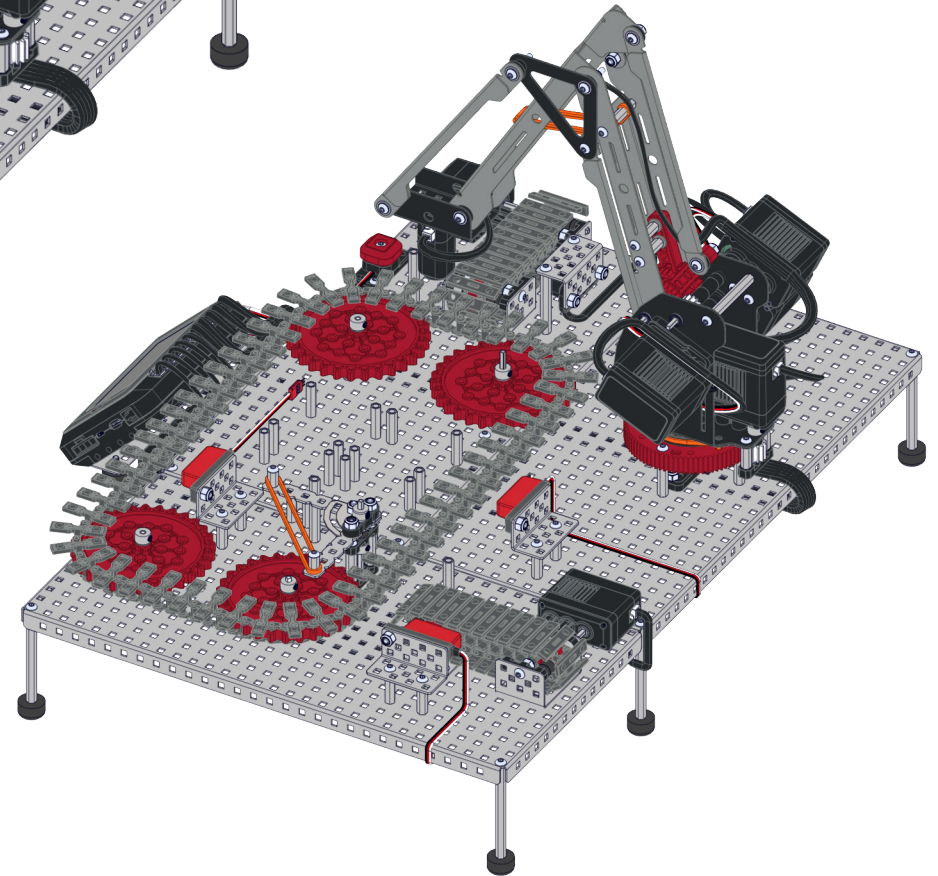




2x #8-32 x 1/4" Star Drive Screw



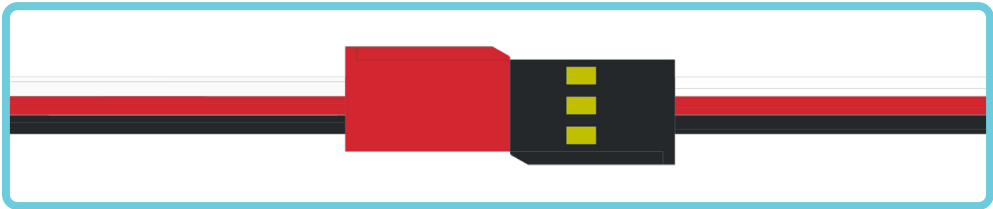
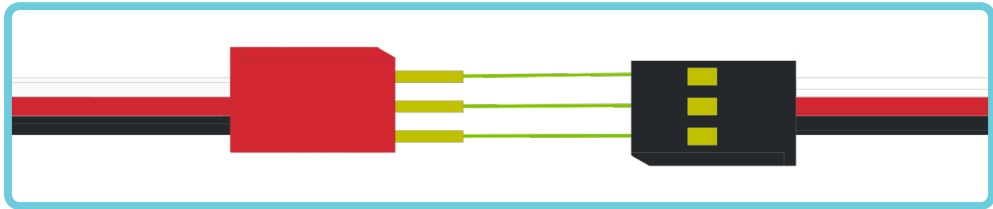
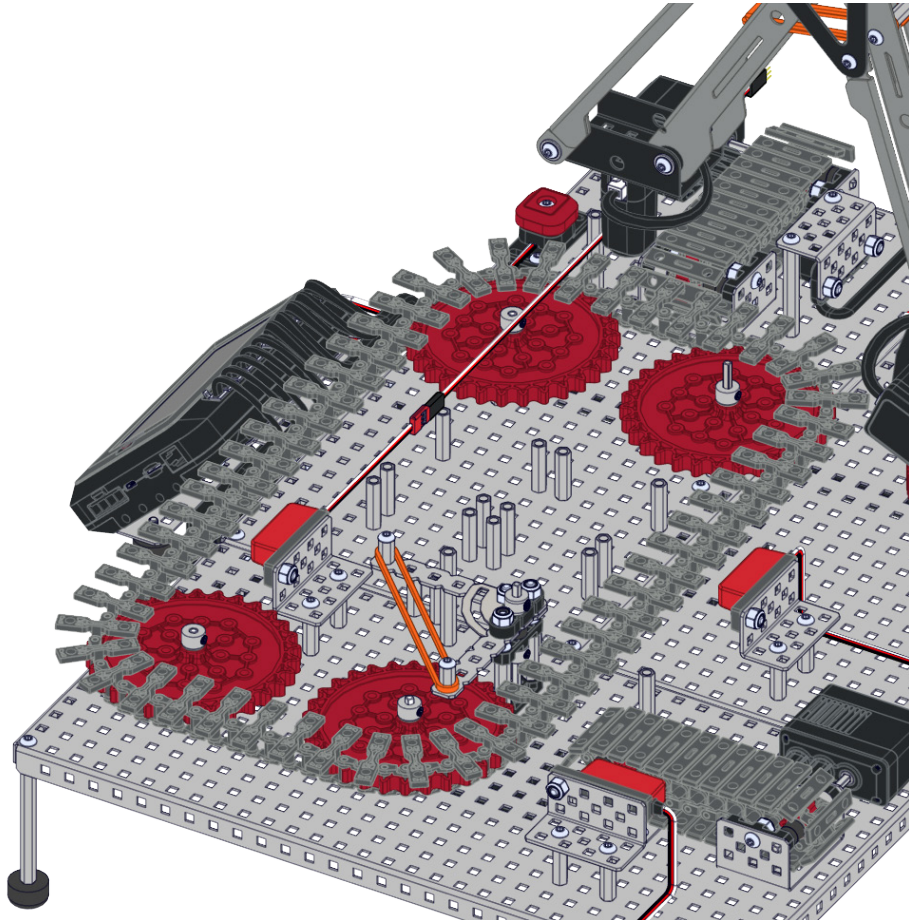
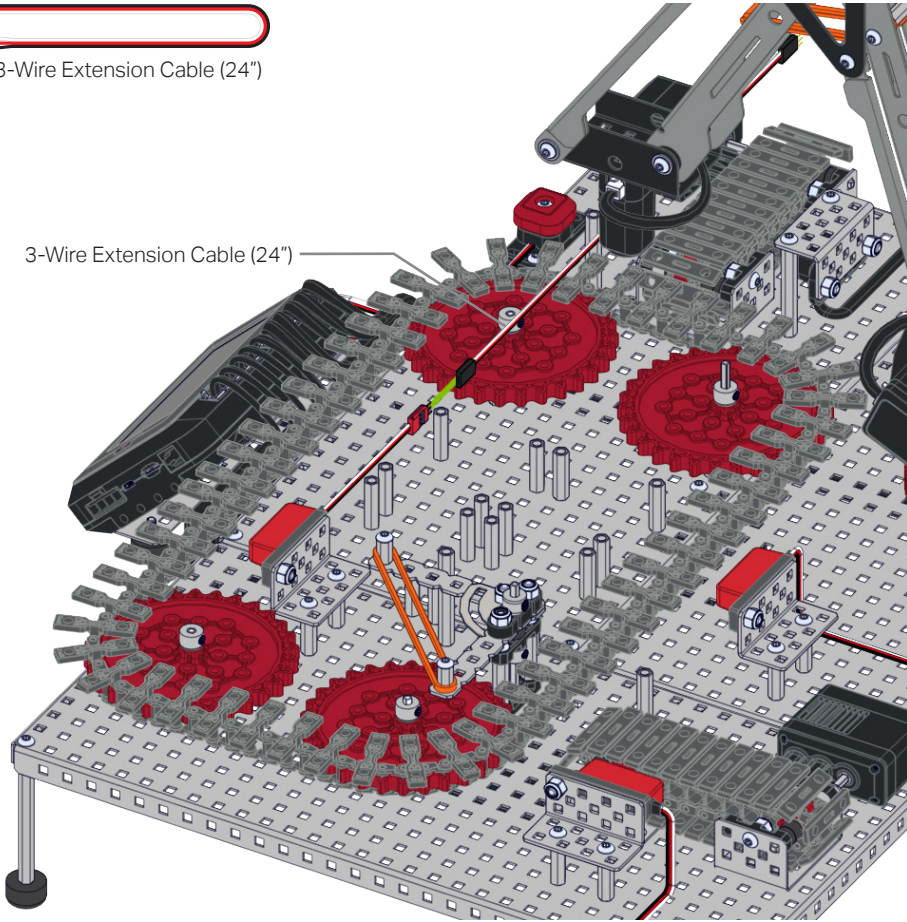
#8-32 x 1/4"
Star Drive Screw

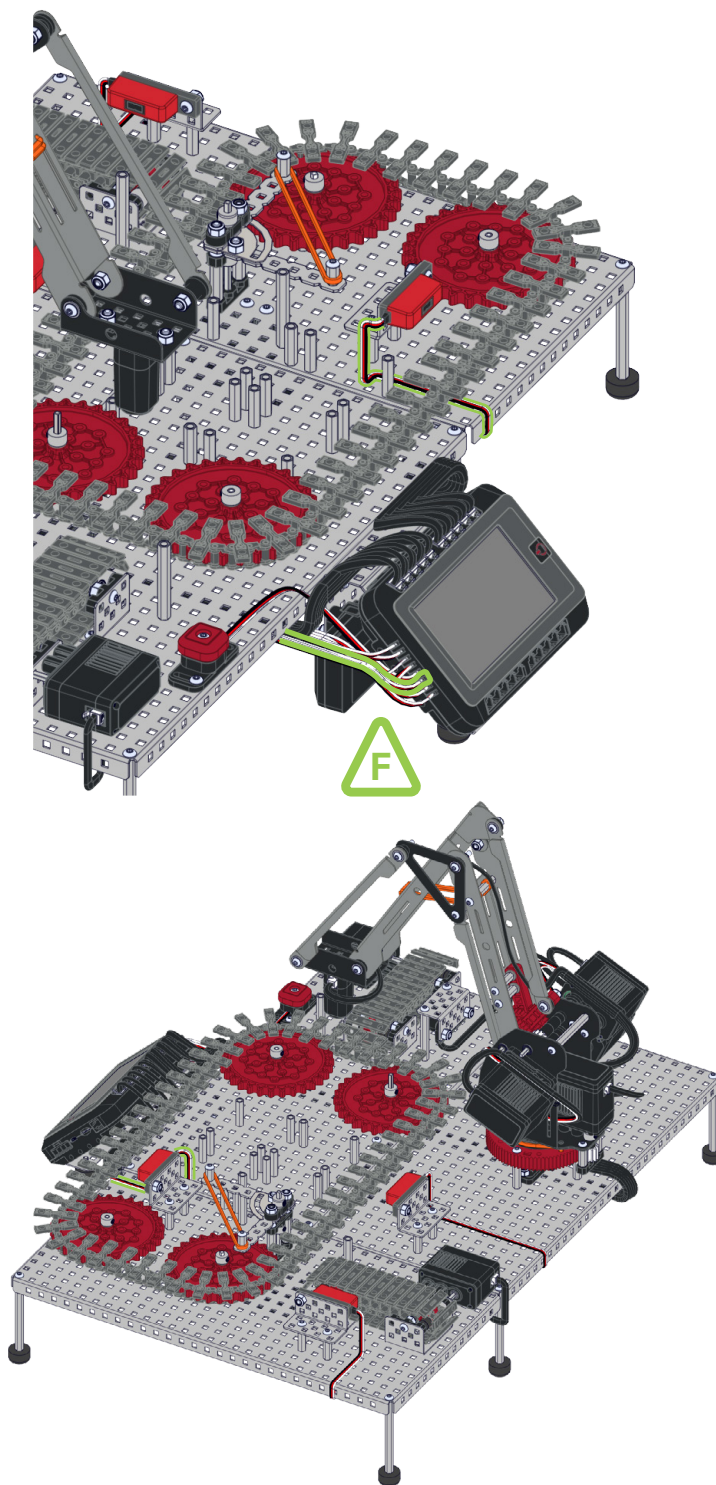
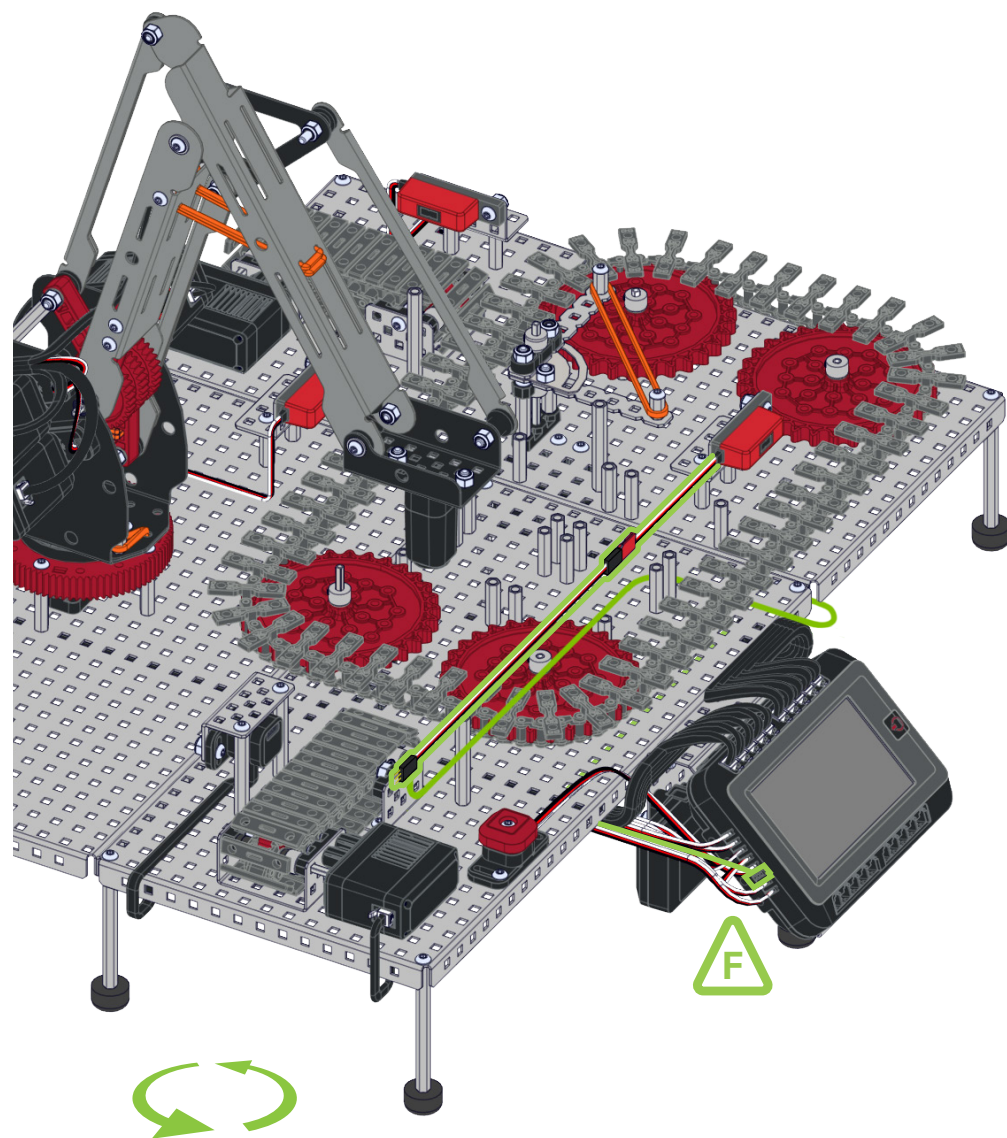




1x 3-Wire Extension Cable (24")

3-Wire Extension Cable (24")





Lab 10: Conveyor Systems and Sensors

V5 Workcell STEM Labs

Rev8



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