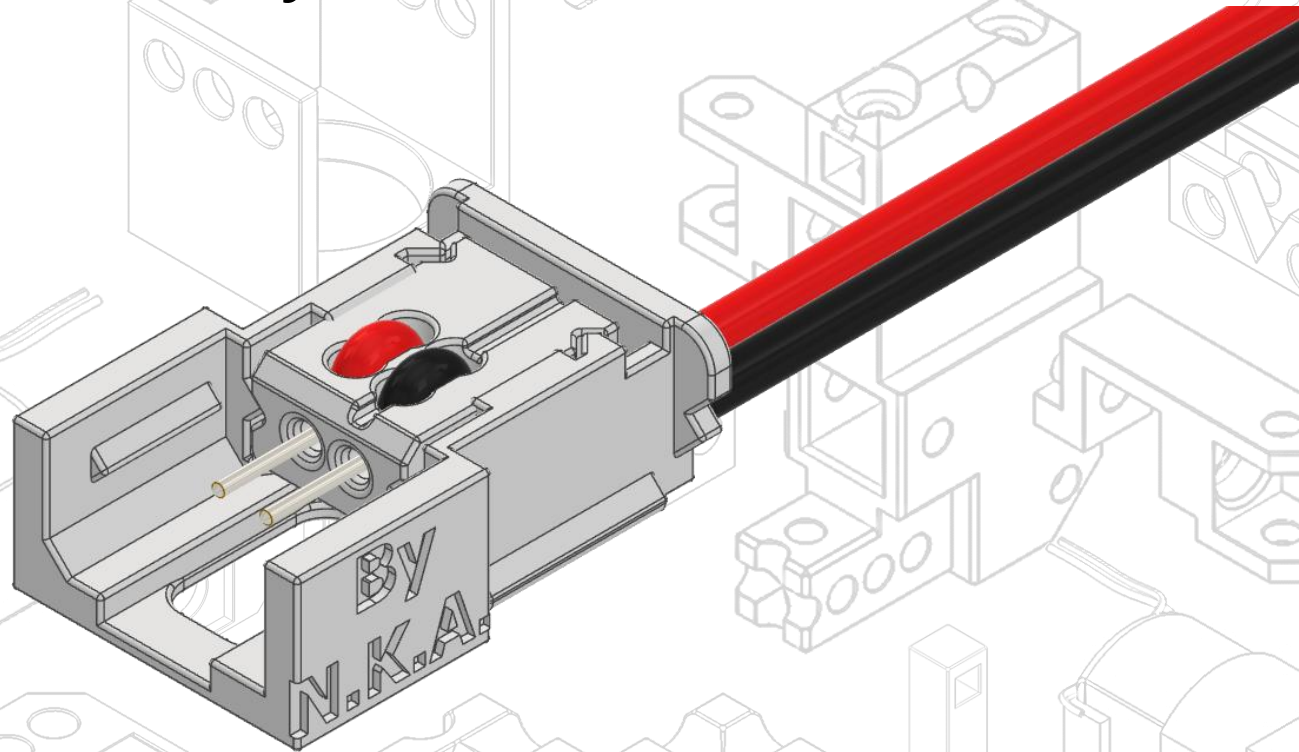


HoleyBot

Assembly Instructions



Wire Connector (Plug)

Overview

1. Materials

- a. Tools List
- b. Parts List

2. Instructions:

Wire Connector (Plug) Assembly

Wire Connector (Plug) – Tools List



Scissors

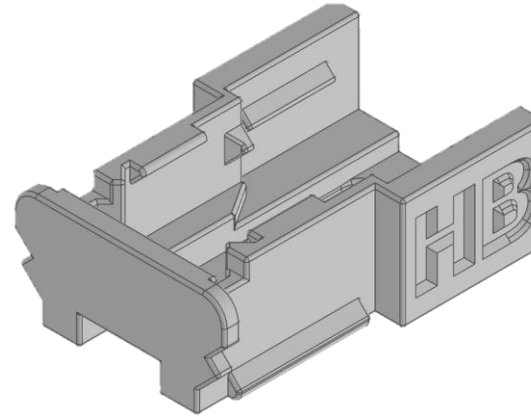


Ruler

Wire Connector (Plug) - Parts List



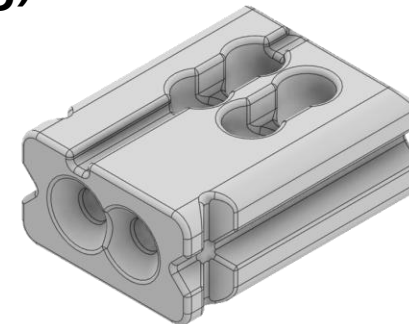
Pin – 2x



**Wire Connector
Brace (Plug) – 1x**



**2 Wires – Color and Length specified
in previous instructions**

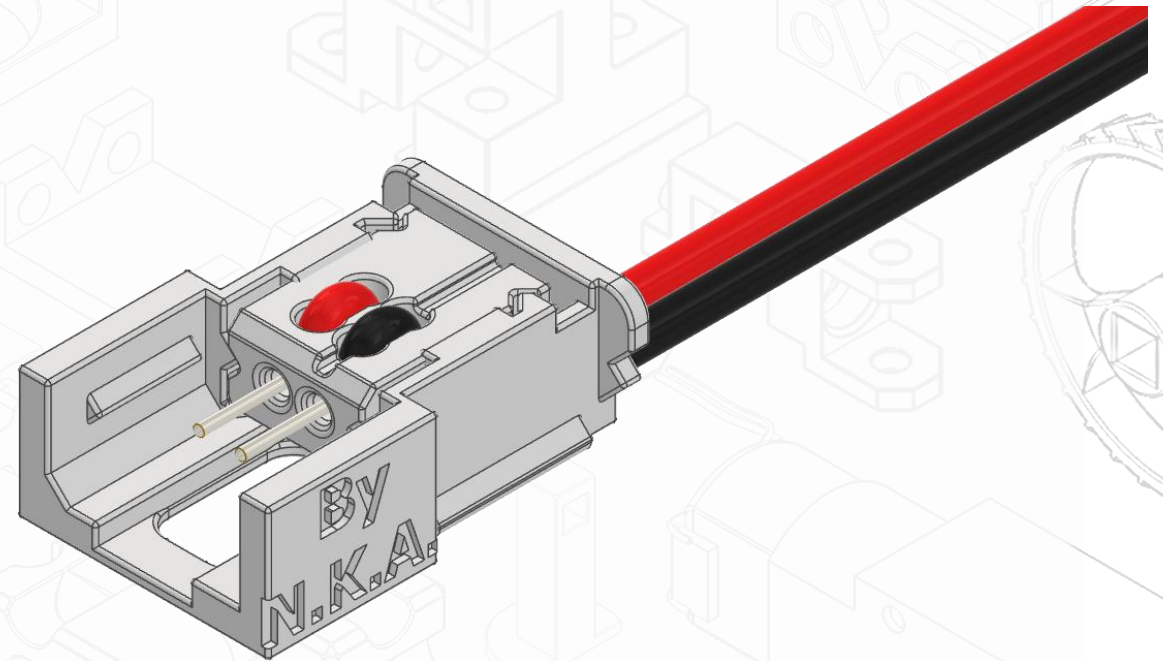


**Wire Connector
(Plug) – 1x**

Wire Connector (Plug) Wiring

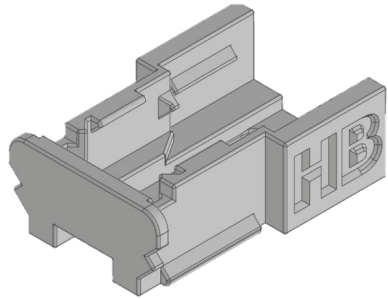
Description

This will specifically go over how to construct the plug connector for a 2-wire cable. The process is the same for any number of wires. The ground wire is always put through the notched holes.



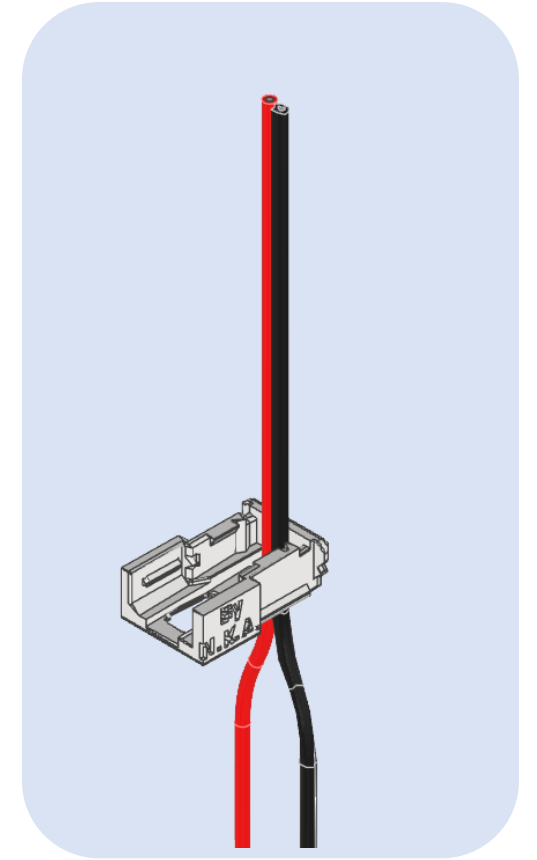
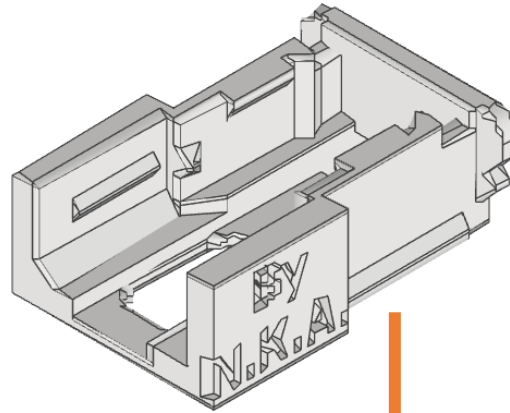
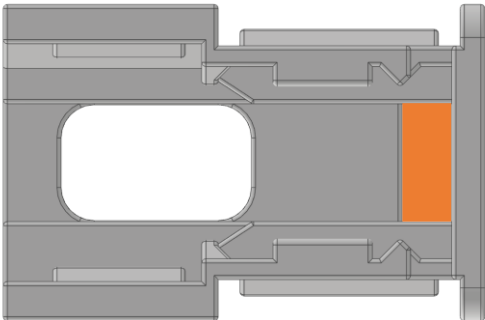
Wire Connector (Plug) Assembly

Step 1



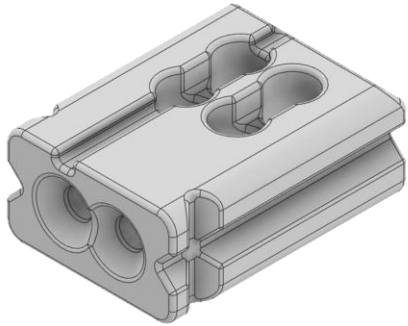
**Wire Connector
Brace – 1x**

Put wires through highlighted
hole in wire connector brace



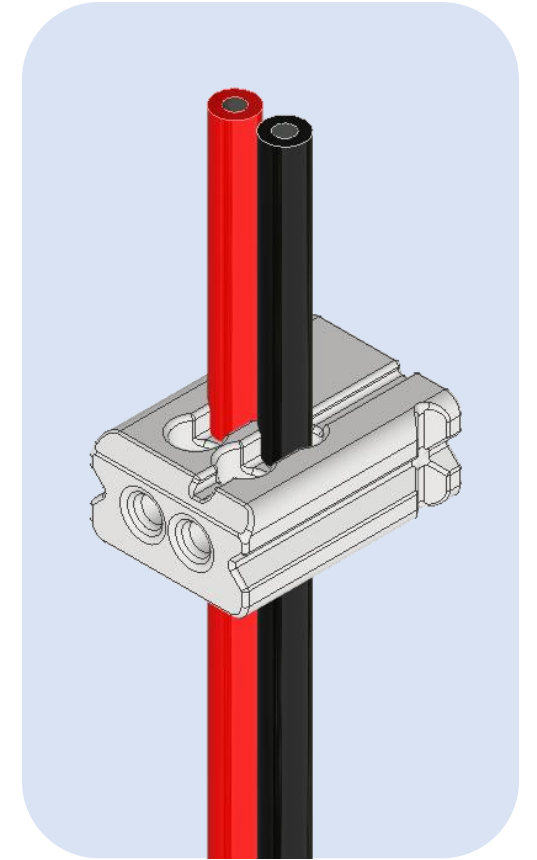
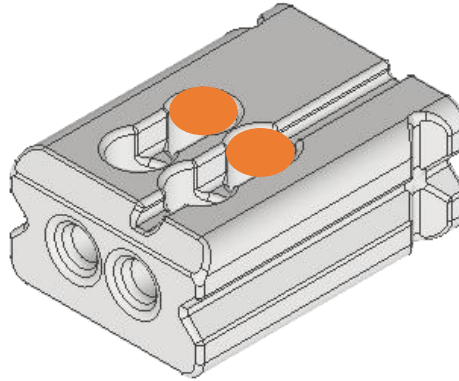
Wire Connector (Plug) Assembly

Step 2



Wire Connector – 1x

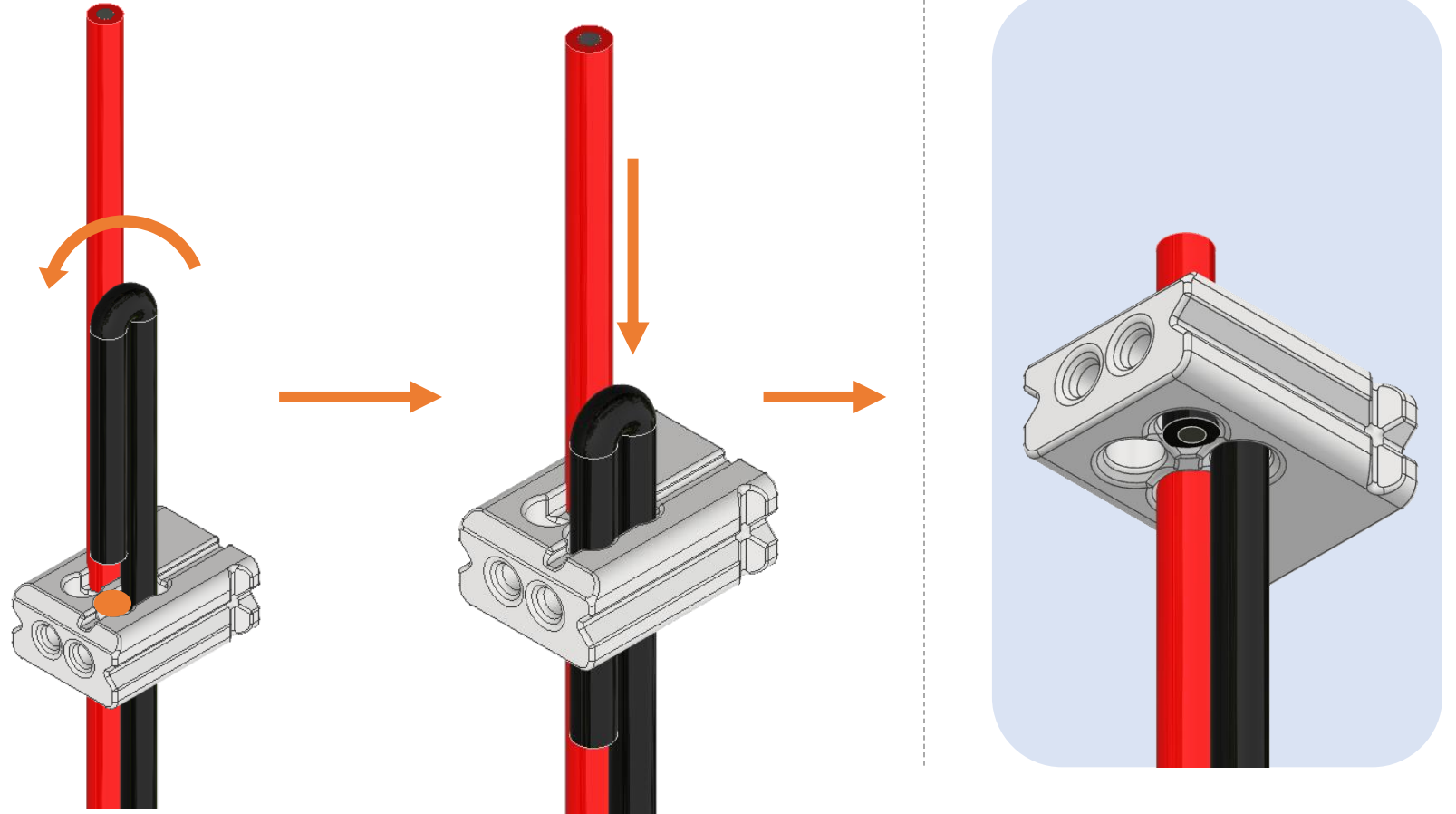
Put wires through highlighted holes in wire connector brace



Wire Connector (Plug) Assembly

Step 3

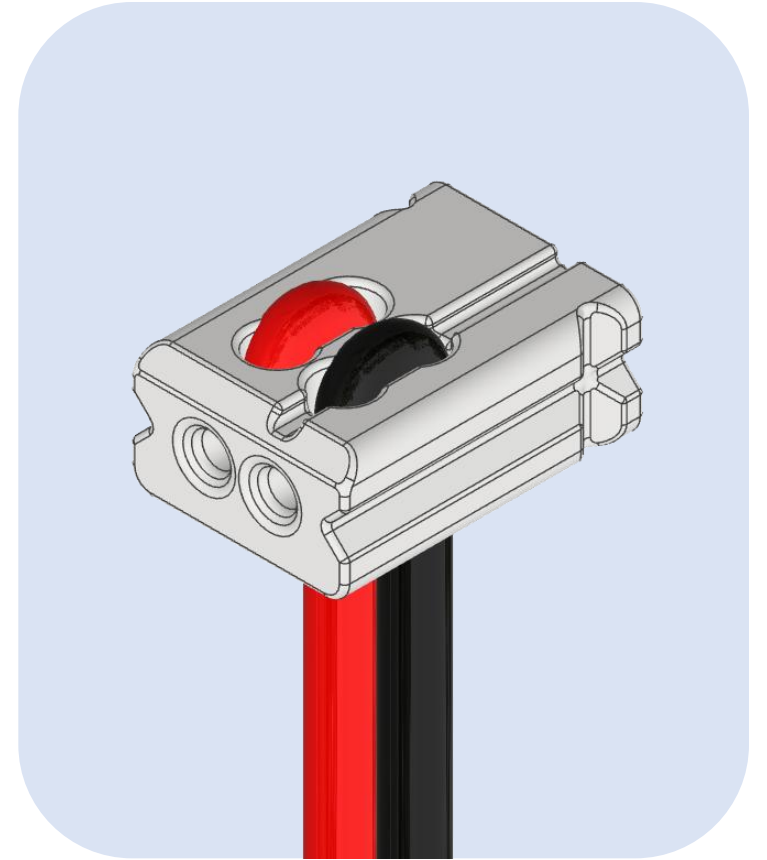
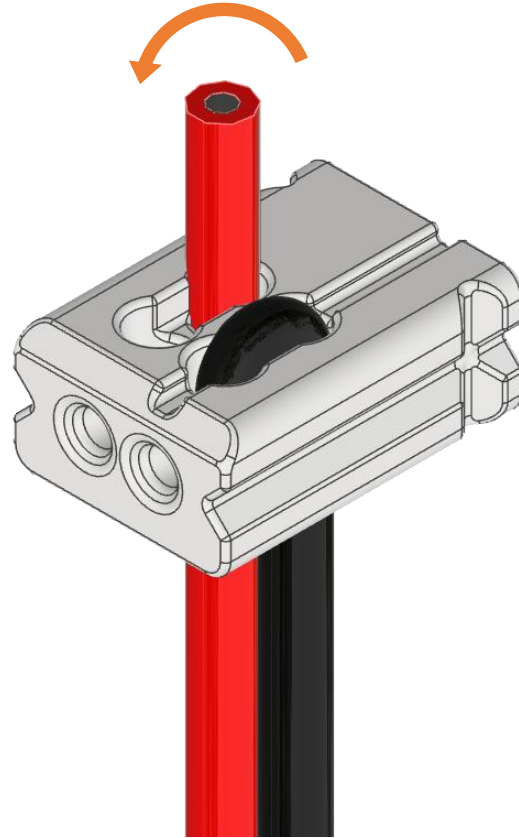
Fold black wire down towards brace and direct it into highlighted hole



Wire Connector (Plug) Assembly

Step 4

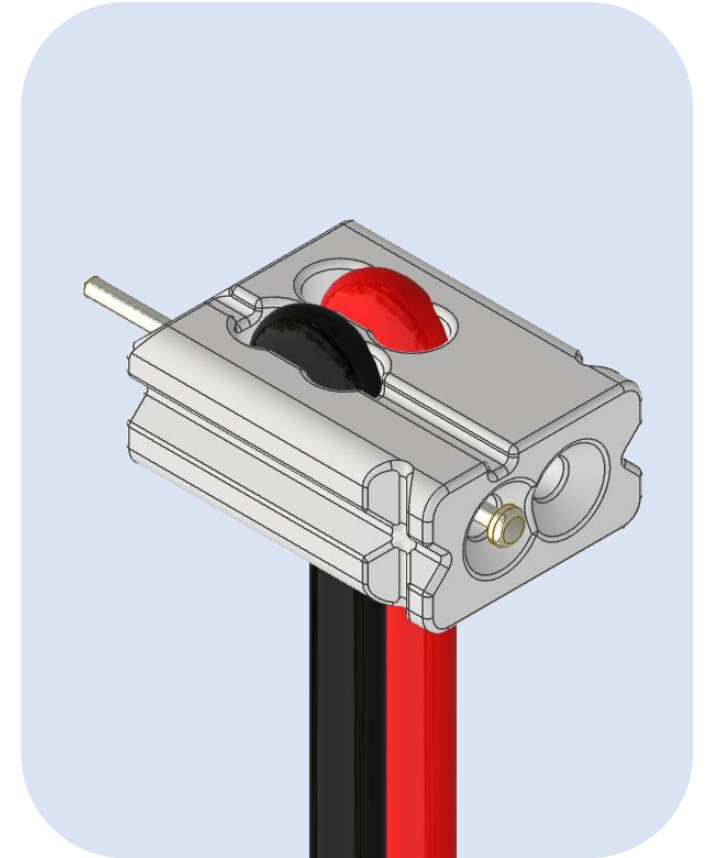
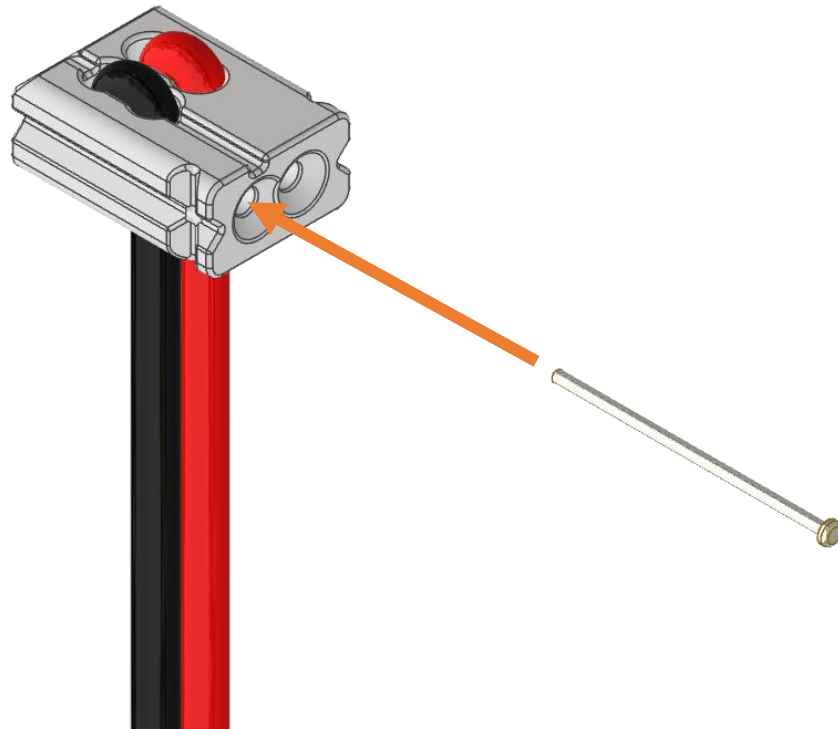
Repeat step 11 for red wire



Wire Connector (Plug) Assembly

Step 5

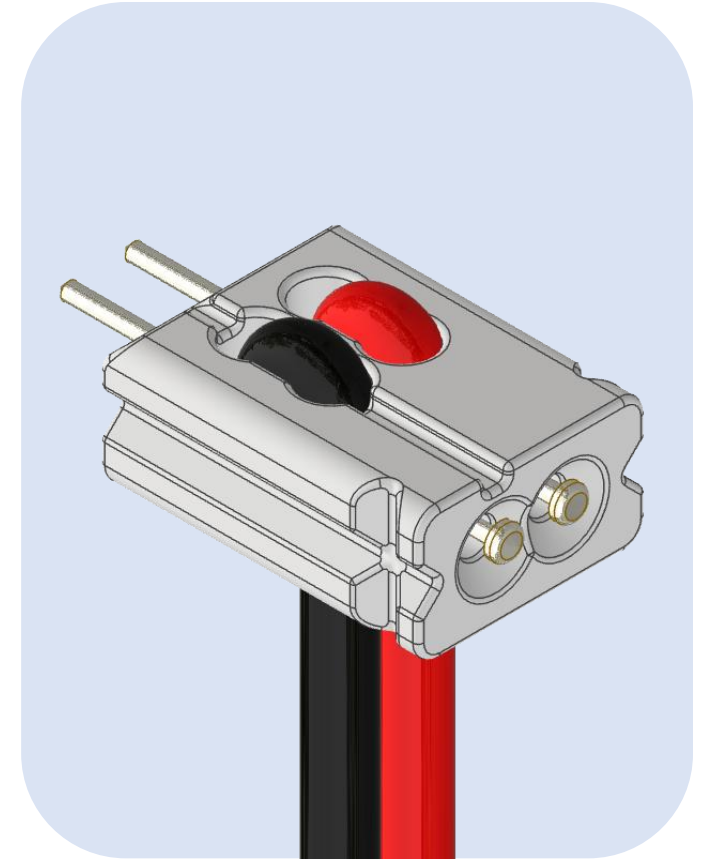
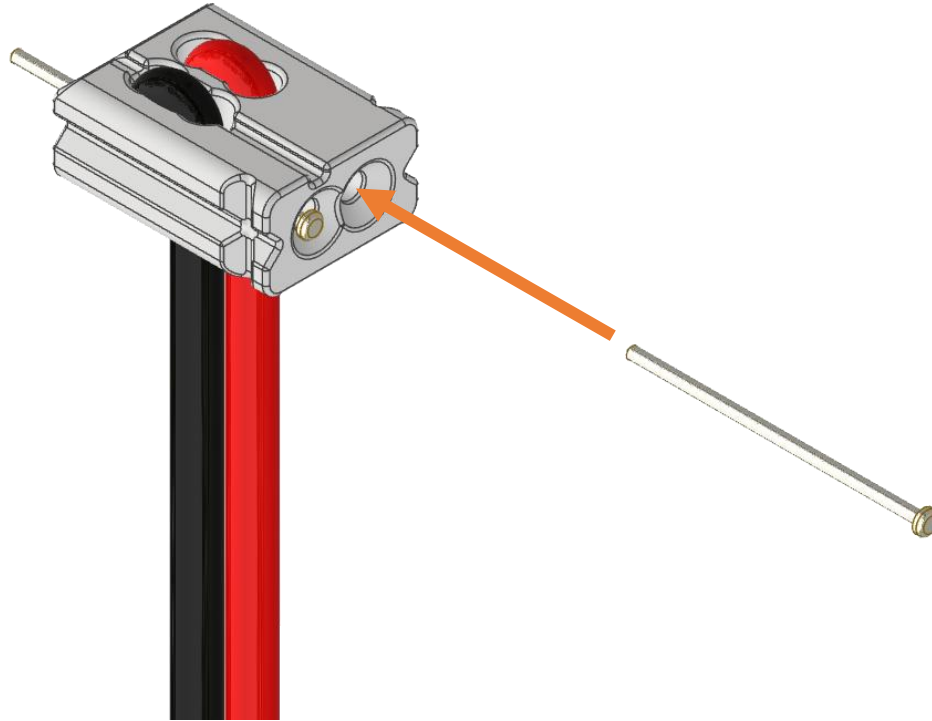
Push pin through
black wire



Wire Connector (Plug) Assembly

Step 6

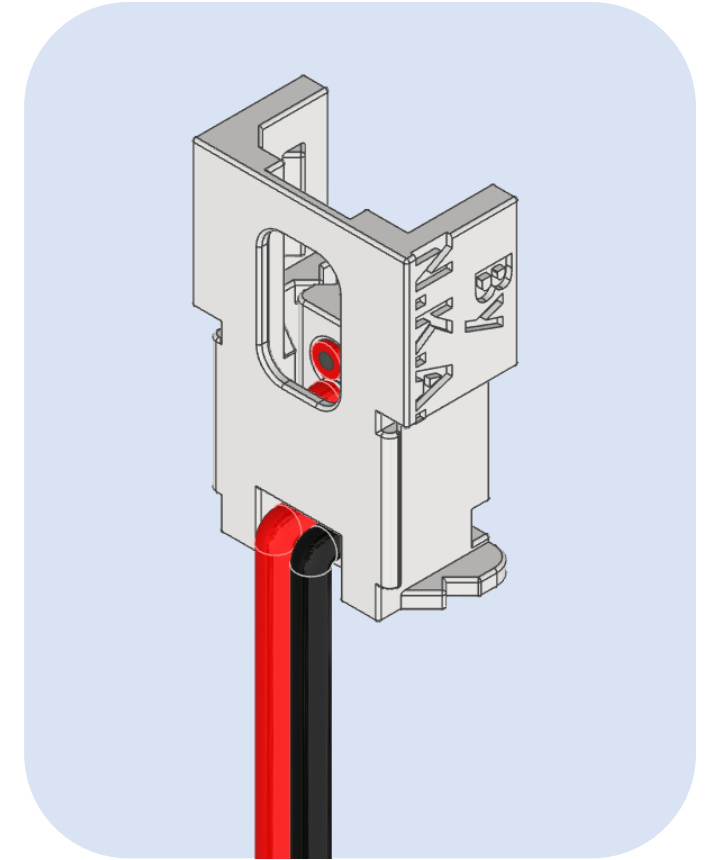
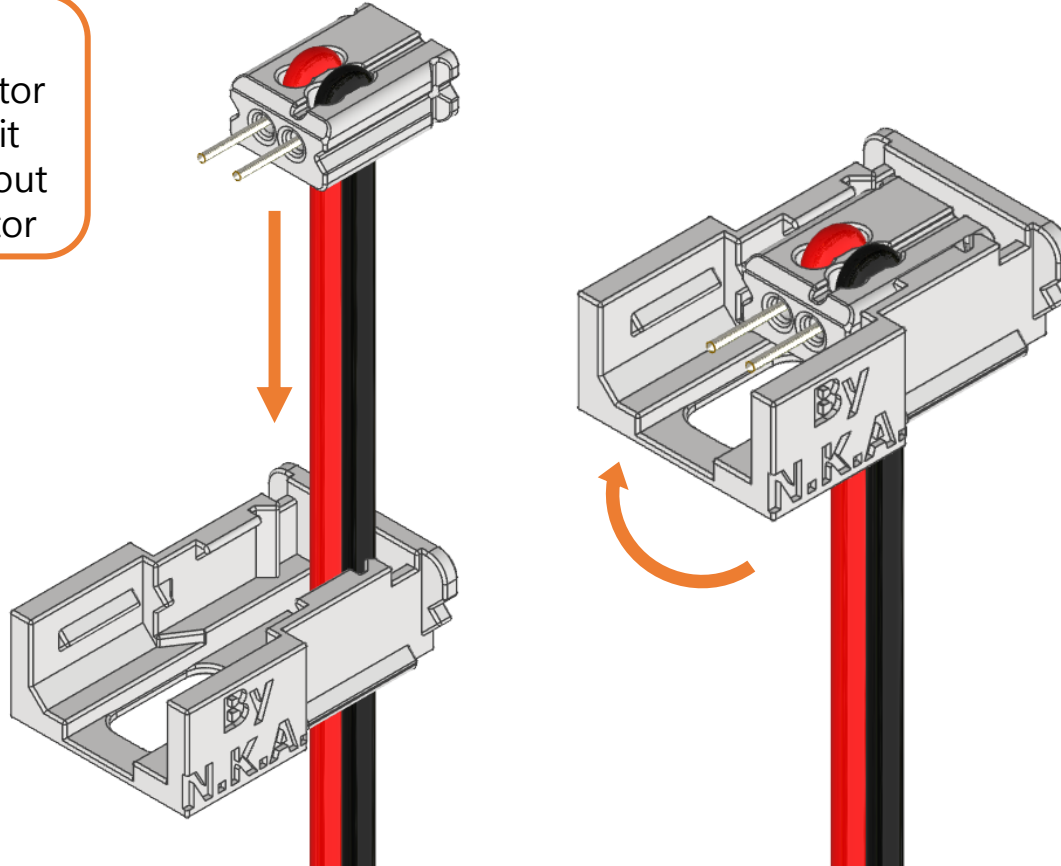
Push pin through
red wire



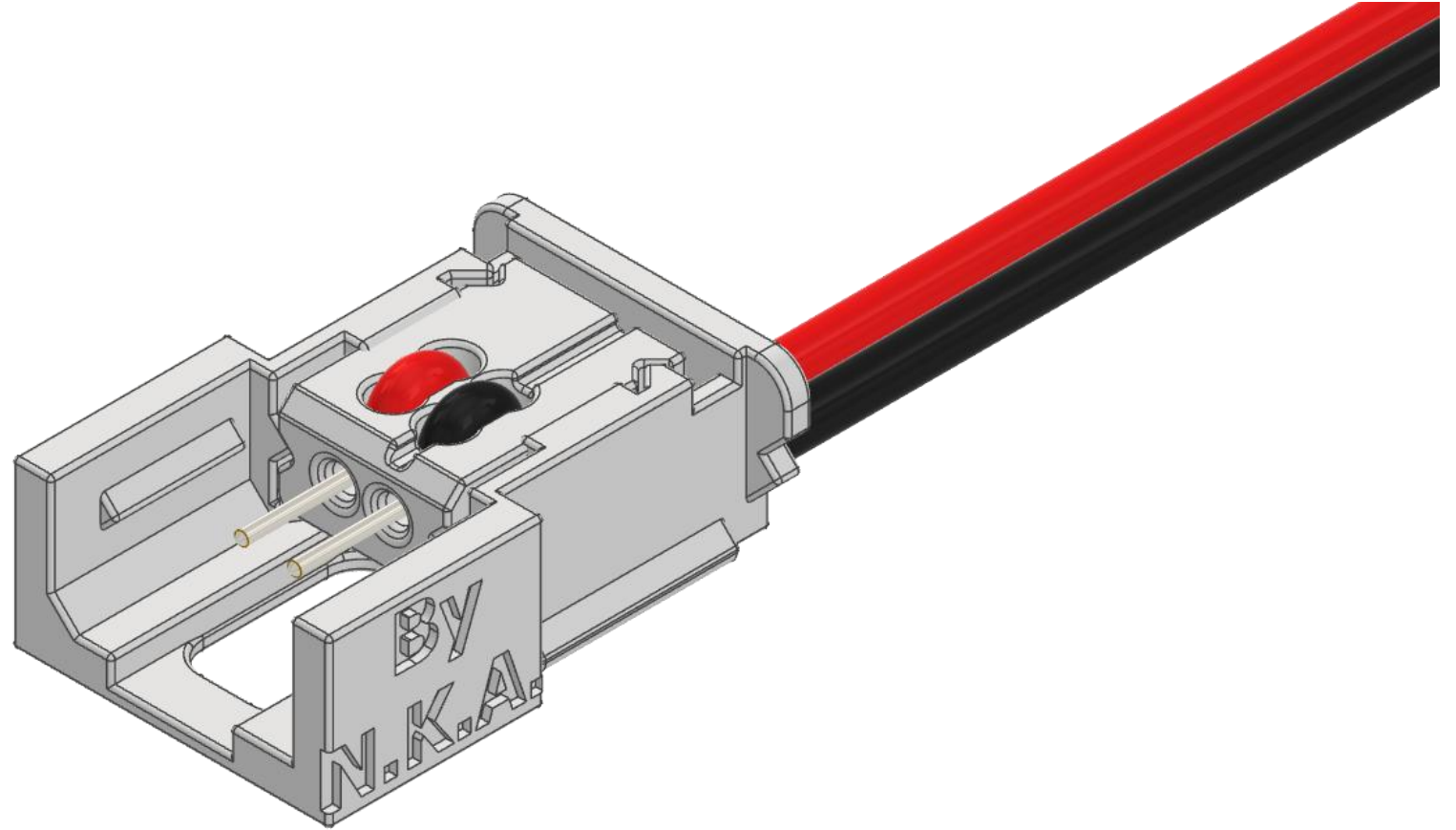
Wire Connector (Plug) Assembly

Step 7

Push wire connector into brace until it clicks, straighten out wire and connector



Wire Connector (Plug) Assembly



Credits

HoleyBot Concept and Design:

Newland Agbenowosi, Ph. D.

Assembly Instructions and Graphics:

Michael Newland

Technical Design Support:

Michael Newland

Version:

HoleyBot Motor Wiring (April 15th, 2026)