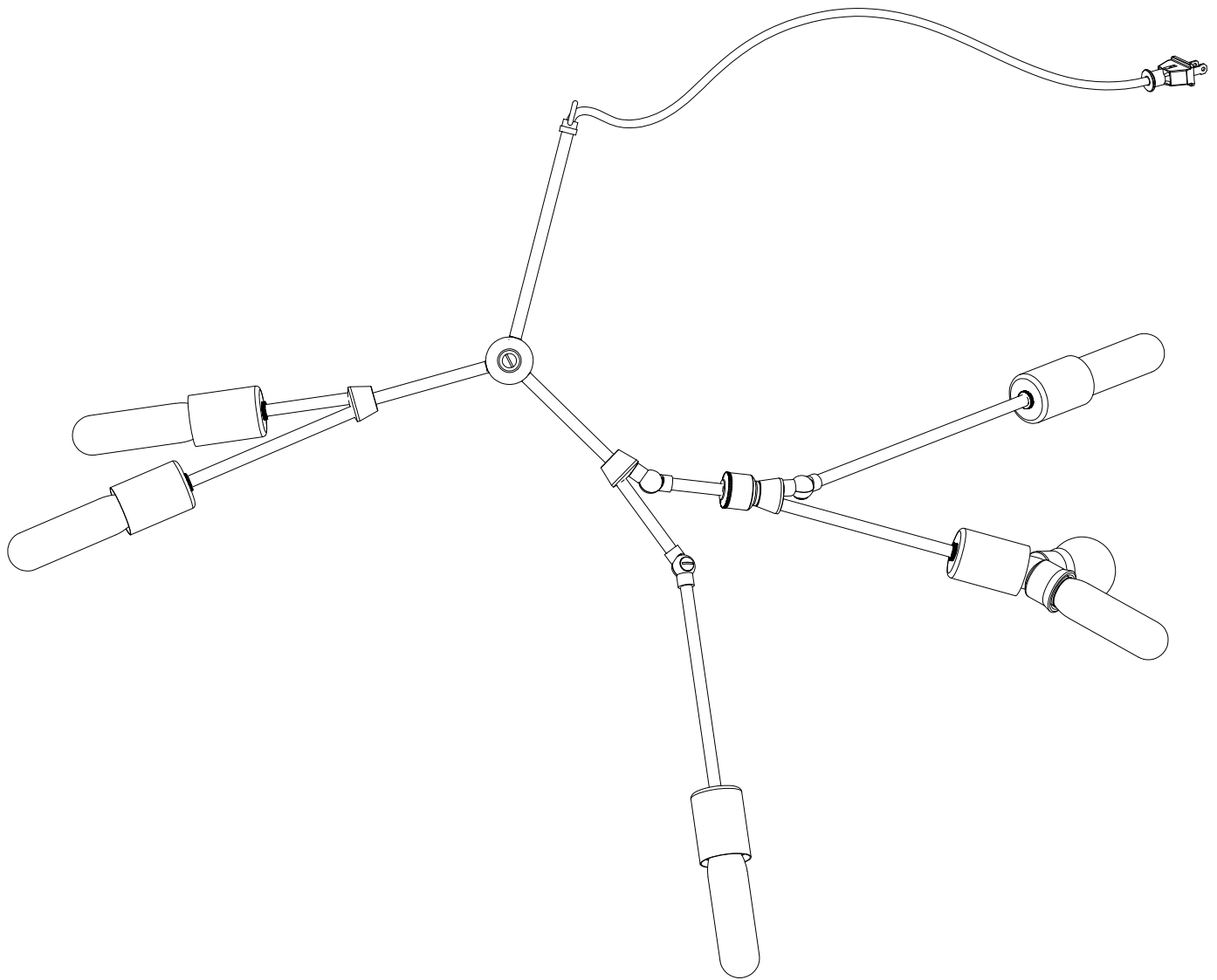




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YMI.001 *A Do-It-Yourself Lighting Fixture*



WARNING: Lindsey Adelman Studio provides this information solely as a guide and cannot be held liable for any consequences whatsoever. DIY can go wrong, and therefore it must be stressed that nothing should be attempted without applying common sense, as well as confidence in your ability to carry out the job successfully and with safety (both for your own and others'). Please remember that this guide has been given to you in good faith for free and neither its accuracy nor legality can be relied upon.



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PARTS LIST

| | NAME | SOURCE | PART NUMBER | QTY. |
|----|-----------------------------------|-------------|--------------|--------|
| A | Wire, Cloth Covered, Gold | Grand Brass | WI18POG-C | 12 Ft |
| B | Plug, Black | Grand Brass | PL183PBK | 1 |
| C | Cluster Body 3-Sided | Grand Brass | BOLG3 | 1 |
| D | Cluster Body Splitter 2-Sided | Grand Brass | BOT2 | 3 |
| E | 2in. Brass Arm | Grand Brass | PIBR02-0X8 | 1 |
| F | 3in. Brass Arm | Grand Brass | PIBR03-0X8 | 2 |
| G | 4in. Brass Arm | Grand Brass | PIBR04-0X8 | 2 |
| H | 6in. Brass Arm | Grand Brass | PIBR06-0X8 | 2 |
| I | 7in. Brass Arm | Grand Brass | PIBR07-0X8 | 2 |
| J | 10in. Brass Arm | Grand Brass | PIBR10-0X8 | 1 |
| K | Brass Socket Cup | Grand Brass | CU578 | 5 |
| L | Medium E-26 Twin Socket Adapter | Grand Brass | SO128W | 1 |
| M | Adjustable Friction Swivel Brass | Grand Brass | SV140 | 3 |
| N | .5In. Steel Nipple | Grand Brass | NI0-1/2X1/8 | 3 |
| O | Slip Ring | Grand Brass | SRS0-3/8 | 5 |
| P | Male Loop 1/8In Female | Grand Brass | LO100 | 1 |
| Q | Brass Reducer 1/8-.1/4 | Grand Brass | RE1/8FX1/4MS | 1 |
| R | 1/8In Brass Plug Button | Grand Brass | FI1/8PLUG | 2 |
| S | E-26 Tubular Clear T-10 Bulb | Grand Brass | BUET10C40 | 5 |
| T | E-26 40W 2.125In Globe Clear Bulb | Grand Brass | BUEG16C40 | 1 |
| U | Medium E-26 Socket | Grand Brass | SO10045 | 5 |
| V | Small Brass Splice Cluster Body | Grand Brass | BOS0X8 | 1 |
| W | Wire Nut, Blue | Grand Brass | WINUTB | 2 |
| X | Wire Nut, Orange | Grand Brass | WINUTO | 2 |
| Y | Electrical Tape | Grand Brass | TAE060 | 1 Roll |
| Z | Black Wire | Grand Brass | WI18AWMBL | 10 Ft |
| AA | White Wire | Grand Brass | WI18AWMW | 10 Ft |

TOOLS

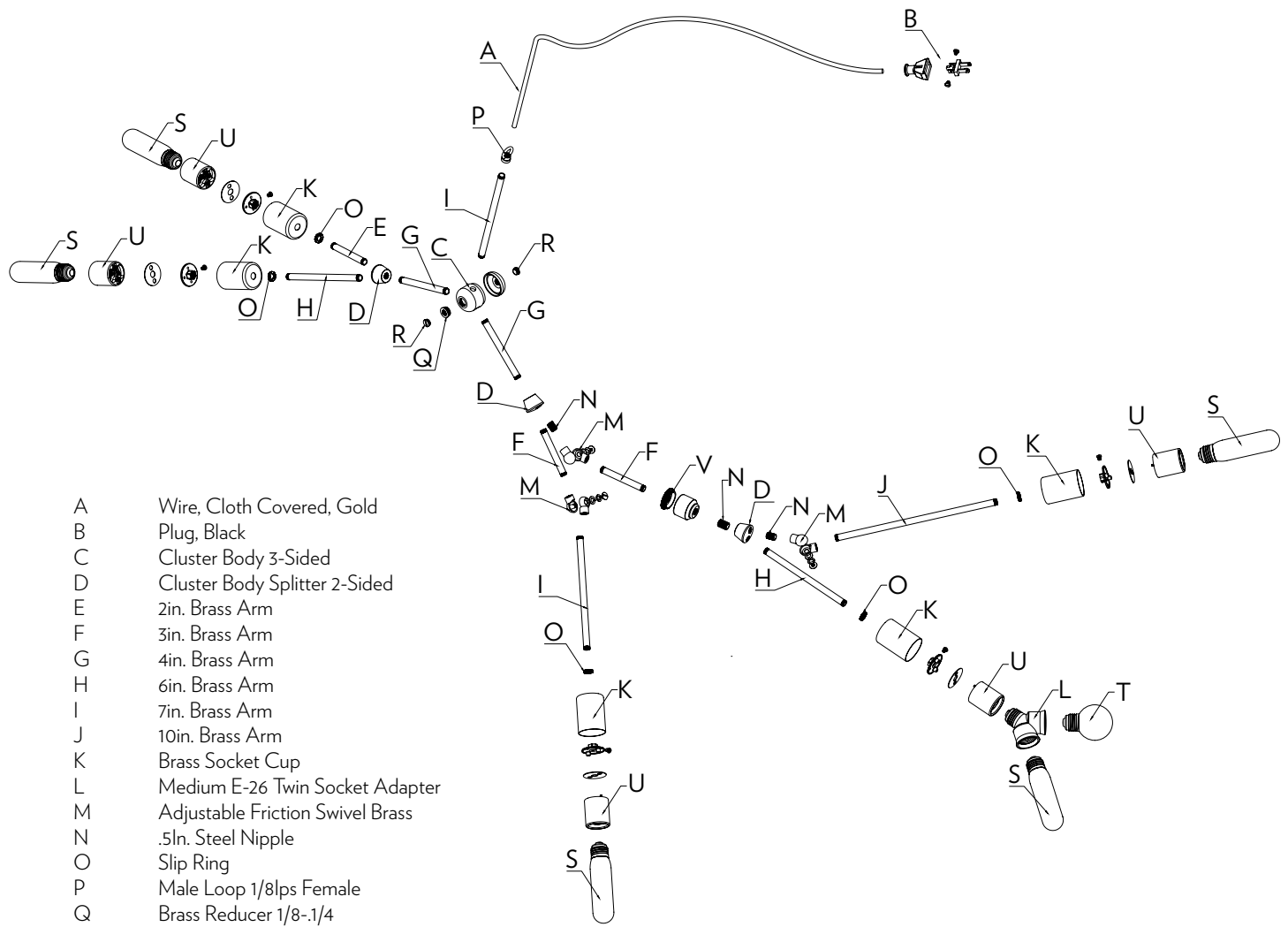
- 1 Wire Stripper
- 2 Small Phillips Head Screwdriver
- 3 Small Slotted Screwdriver
- 4 Allen Wrench
- 5 Pliers (optional)



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EXPLODED VIEW



- A Wire, Cloth Covered, Gold
- B Plug, Black
- C Cluster Body 3-Sided
- D Cluster Body Splitter 2-Sided
- E 2in. Brass Arm
- F 3in. Brass Arm
- G 4in. Brass Arm
- H 6in. Brass Arm
- I 7in. Brass Arm
- J 10in. Brass Arm
- K Brass Socket Cup
- L Medium E-26 Twin Socket Adapter
- M Adjustable Friction Swivel Brass
- N .5In. Steel Nipple
- O Slip Ring
- P Male Loop 1/8In. Female
- Q Brass Reducer 1/8-.1/4
- R 1/8In. Brass Plug Button
- S E-26 Tubular Clear T-10 Bulb
- T E-26 40W 2.125In Globe Clear Bulb
- U Medium E-26 Socket
- V Small Brass Splice Cluster Body

Not Shown

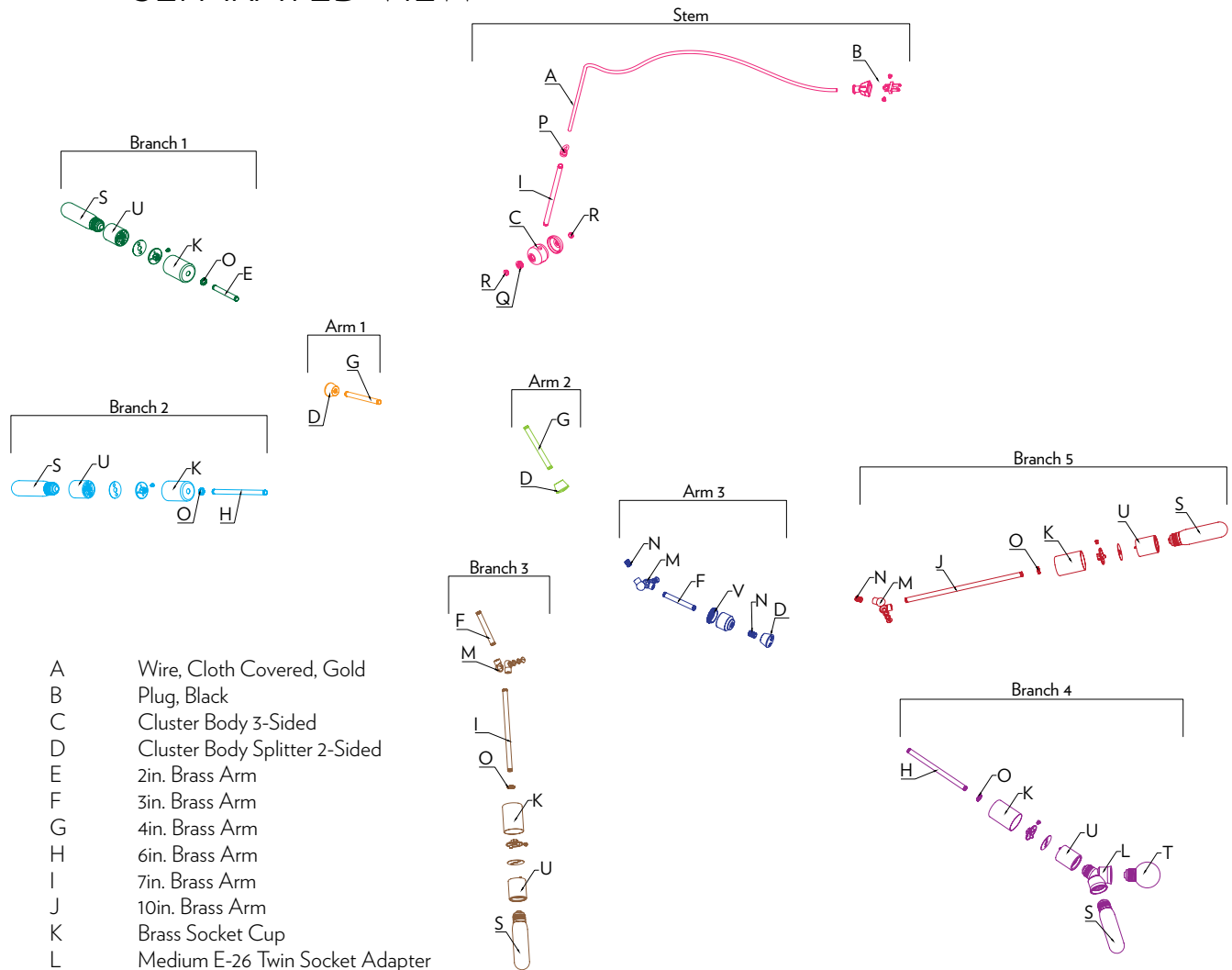
- W Wire Nuts, blue
- X Wire Nuts, orange
- Y Electrical Tape
- Z Black Wire
- AA White Wire



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SEPARATED VIEW



- A Wire, Cloth Covered, Gold
- B Plug, Black
- C Cluster Body 3-Sided
- D Cluster Body Splitter 2-Sided
- E 2in. Brass Arm
- F 3in. Brass Arm
- G 4in. Brass Arm
- H 6in. Brass Arm
- I 7in. Brass Arm
- J 10in. Brass Arm
- K Brass Socket Cup
- L Medium E-26 Twin Socket Adapter
- M Adjustable Friction Swivel Brass
- N .5In. Steel Nipple
- O Slip Ring
- P Male Loop 1/8In. Female
- Q Brass Reducer 1/8-1/4
- R 1/8In. Brass Plug Button
- S E-26 Tubular Clear T-10 Bulb
- T E-26 40W 2.125In Globe Clear Bulb
- U Medium E-26 Socket
- V Small Brass Splice Cluster Body

Not Shown

- W Wire Nuts, blue
- X Wire Nuts, orange
- Y Electrical Tape
- Z Black (Live) Wire
- AA White Wire



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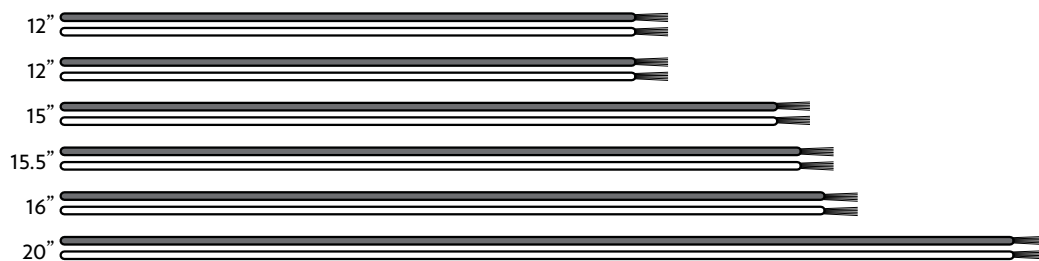
ASSEMBLY STEP 1: PRE-ASSEMBLY

Please note that while it is possible to build the fixture by yourself, it is much more enjoyable with a partner.

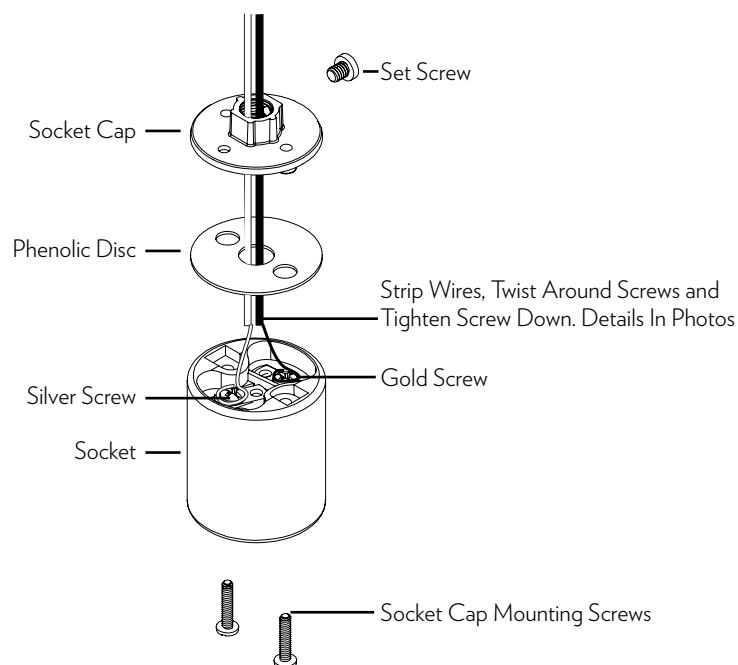
**** Never make any adjustments or attempt wiring while fixture is plugged in. ****

Stay safe and have fun!

1. Lay out all parts according to the exploded view to get a rough sense of how it will go together. Leave the bulbs to the side until the end so they do not break during assembly.
2. Cut black (live) and white wires to suggested lengths according to **Diagram 2**, making note of the splice locations in the 3 Sided Cluster Body (C) and the Small Brass Splice Cluster Body (V).
3. Strip one end of each pair of wires.



4. Wire the two 12\", 15.5\", 16\", and 20\" pairs of wires to the five E-26 Sockets (U) as shown below. Refer to **Diagram 1** for images. Set the 15\" pair of wires to the side for later.
5. Slide the wires through the phenolic disc and socket cap, then screw the socket cap with set screw to the socket using a flathead screwdriver.

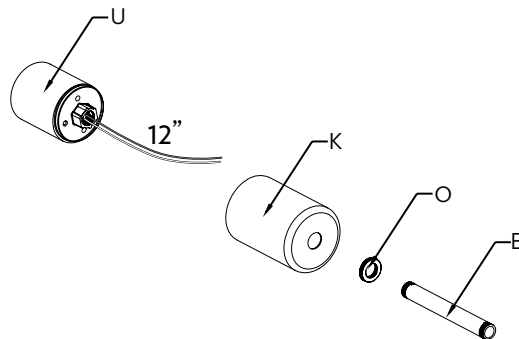




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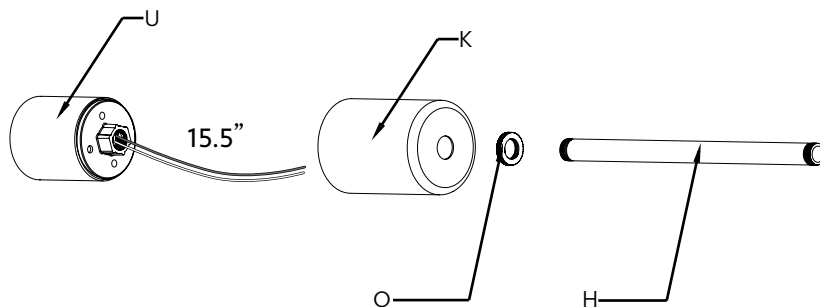
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ASSEMBLY STEP 2: Branch 1



1. Lay out all parts according to the diagram above to get a rough sense of how it will go together. Leave the bulbs to the side until the end so they do not break during assembly.
2. Slide the Slip Ring (O) followed by the Brass Socket Cup (K) over the 2in. Brass Arm (E).
3. Feed the wires 12" wires attached to the socket through the assembly.
4. Screw on the Medium E-26 Socket (U) and then tighten set screw.
5. Slide the Brass Socket Cup (K) over the socket and secure it by tightening the Slip Ring (O) up against it using the set screw.

ASSEMBLY STEP 3: Branch 2



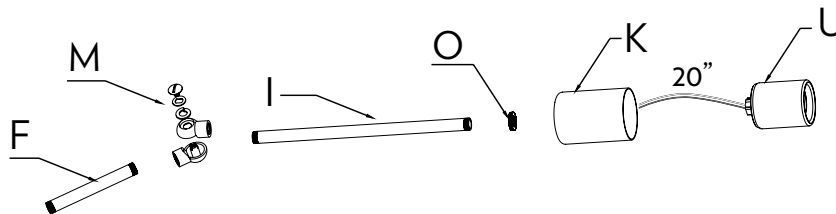
1. Lay out all parts according to the diagram above to get a rough sense of how it will go together. Leave the bulbs to the side until the end so they do not break during assembly.
2. Slide the Slip Ring (O) followed by the Brass Socket Cup (K) over the 6in. Brass Arm (H).
3. Feed the 15.5" wires attached to the socket through the assembly.
4. Screw on the Medium E-26 Socket (U) and then tighten set screw.
5. Slide the Brass Socket Cup (K) over the socket and secure it by tightening the Slip Ring (O) up against it using the set screw..



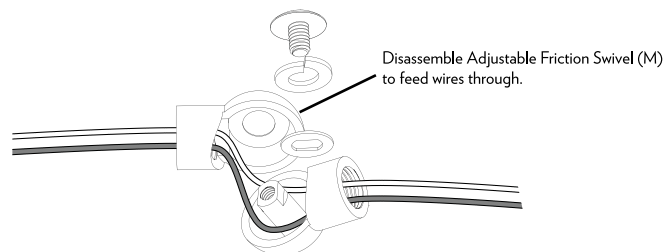
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ASSEMBLY STEP 4: Branch 3

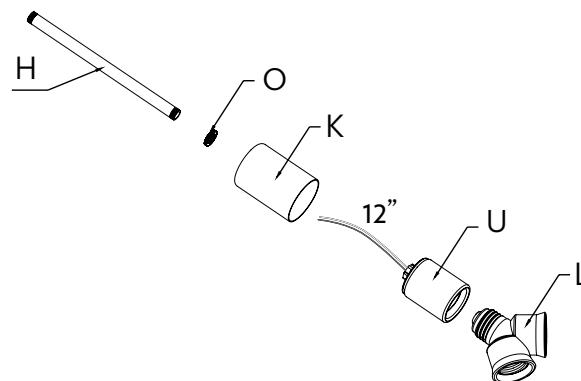


1. Lay out all parts according to the diagram above to get a rough sense of how it will go together. Leave the bulbs to the side until the end so they do not break during assembly.
2. Slide the Slip Ring (O) followed by the Brass Socket Cup (K) over the 7in. Brass Arm (I).
3. Feed the 20" wires attached to the socket through the assembly.
4. Screw on the Medium E-26 Socket (U) and then tighten set screw.
5. Slide the Brass Socket Cup (K) over the socket and secure it by tightening the Slip Ring (O) up against it using the set screw..
6. Disassemble the Adjustable Friction Swivel (M) and feed wires through as shown below.



7. Feed the wire through the 3in Brass Arm (F).
8. Screw together the 7in Brass Arm (I), Adjustable Friction Swivel (M) halves, and 3in Brass Arm (F).
9. Reassemble the Adjustable Friction Swivel (M) but keep the joint flexible for now by not tightening the screw all the way down.

ASSEMBLY STEP 5: Branch 4



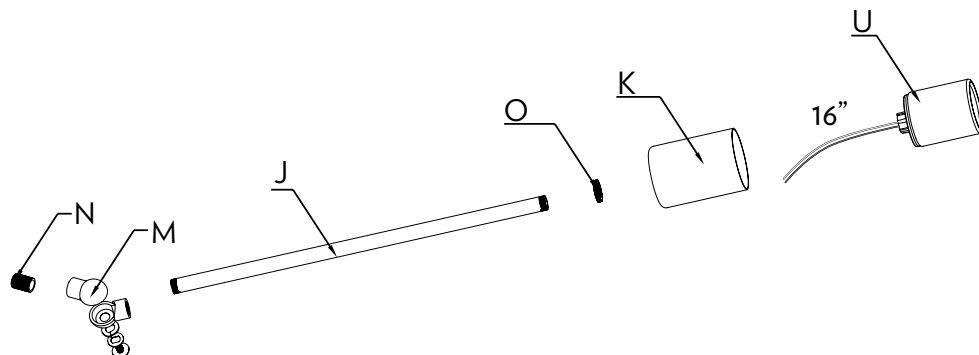
1. Lay out all parts according to the diagram above to get a rough sense of how it will go together. Leave the bulbs to the side until the end so they do not break during assembly.
2. Slide the Slip Ring (O) followed by the Brass Socket Cup (K) over the 6in. Brass Arm (H)
3. Feed the 12" wires attached to the socket through the assembly
4. Screw on the Medium E-26 Socket (U) and then tighten set screw
5. Slide the Brass Socket Cup (K) over the socket and secure it by tightening the Slip Ring (O) up against it using the set screw.
6. Screw on the Medium E-26 Twin Socket Adapter (L)



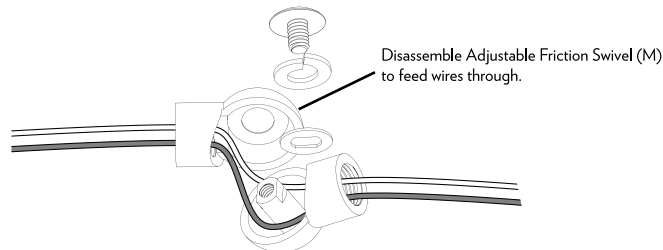
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ASSEMBLY STEP 6: Branch 5

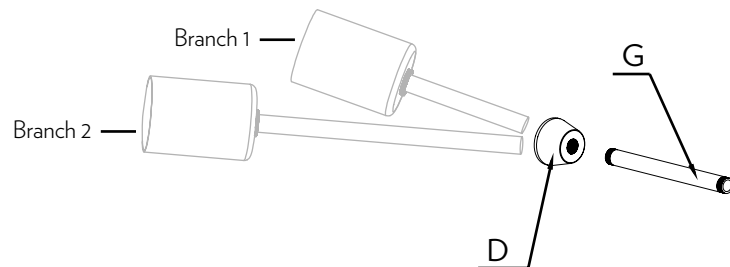


1. Lay out all parts according to the diagram above to get a rough sense of how it will go together. Leave the bulbs to the side until the end so they do not break during assembly.
2. Slide the Slip Ring (O) followed by the Brass Socket Cup (K) over the 10in. Brass Arm (J)
3. Feed the 16" wires attached to the socket through the assembly
4. Screw on the Medium E-26 Socket (U) and then tighten set screw
5. Slide the Brass Socket Cup (K) over the socket and secure it by tightening the Slip Ring (O) up against it using the set screw.
6. Disassemble the Adjustable Friction Swivel (M) and feed the wires through as shown below



7. Feed the wires through the .5in Steel Nipple (N)
8. Screw together the 10in Brass Arm (J), Adjustable Friction Swivel (M) halves, and .5in Steel Nipple (N)
9. Reassemble the Adjustable Friction Swivel (M) but keep the joint flexible for now by not tightening the screw all the way down.

ASSEMBLY STEP 7: Arm 1



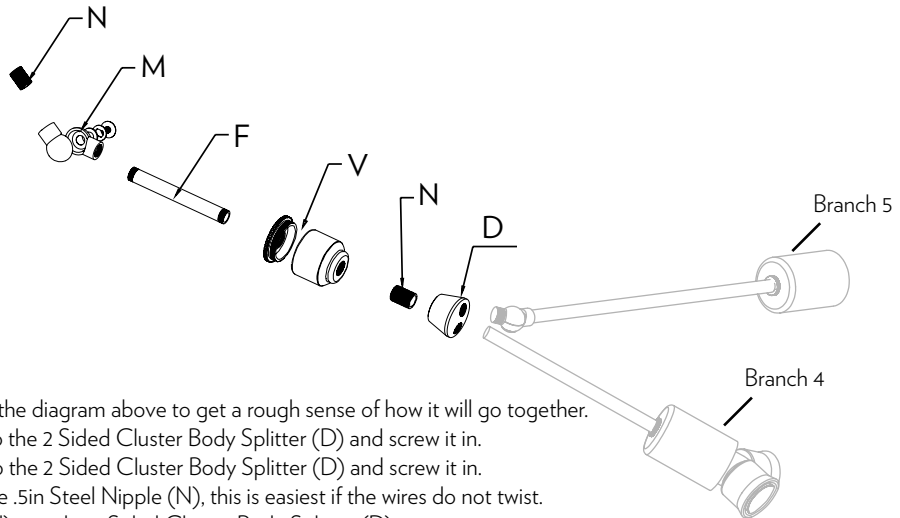
1. Lay out all parts according to the diagram above to get a rough sense of how it will go together
2. Feed wires from Branch 1 into the 2 Sided Cluster Body Splitter (D) and screw the arm in
4. Feed wires from Branch 2 into the 2 Sided Cluster Body Splitter (D) and screw the arm in
6. Feed all four wires through the 4in Brass Arm (G)
7. Screw the 4in Brass Arm (G) into the 2 Sided Cluster Body Splitter (D)



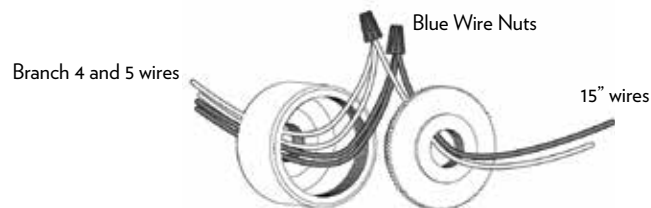
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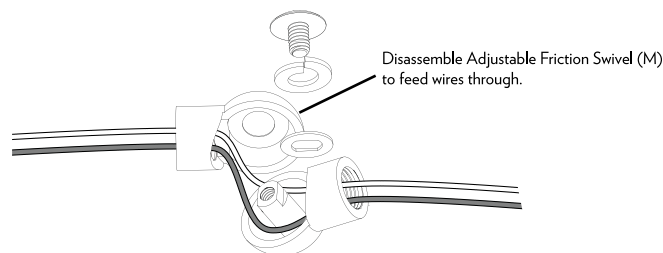
ASSEMBLY STEP 8: Arm 3



1. Lay out all parts according to the diagram above to get a rough sense of how it will go together.
2. Feed wires from Branch 4 into the 2 Sided Cluster Body Splitter (D) and screw it in.
4. Feed wires from Branch 5 into the 2 Sided Cluster Body Splitter (D) and screw it in.
6. Feed all four wires through the .5in Steel Nipple (N), this is easiest if the wires do not twist.
7. Screw the .5in Steel Nipple (N) into the 2 Sided Cluster Body Splitter (D).
8. Feed all four wires through the cup portion of the Small Brass Splice Cluster Body (V).
9. Screw the cup portion of the Small Brass Splice Cluster Body (V) onto the .5in Steel Nipple (N).
10. Cut the wires from branch 4 and 5 to an even length leaving about 1.5" protruding from the Small Brass Splice Cluster Body (V).
11. Strip the wires from branch 4 and 5 and splice them to the 15" pair of wires set aside earlier using the Blue Wire Nuts (W).
12. Wrap the wire nuts in electrical tape for security.
13. Feed the 15" wires through the lid of the Small Brass Splice Cluster (V) and screw it to the cup.



14. Feed the 15" wires through the 3in Brass Arm (F) and screw the arm to the Small Brass Splice Cluster (V).
15. Disassemble the Adjustable Friction Swivel (M) and feed the wires through as shown below.



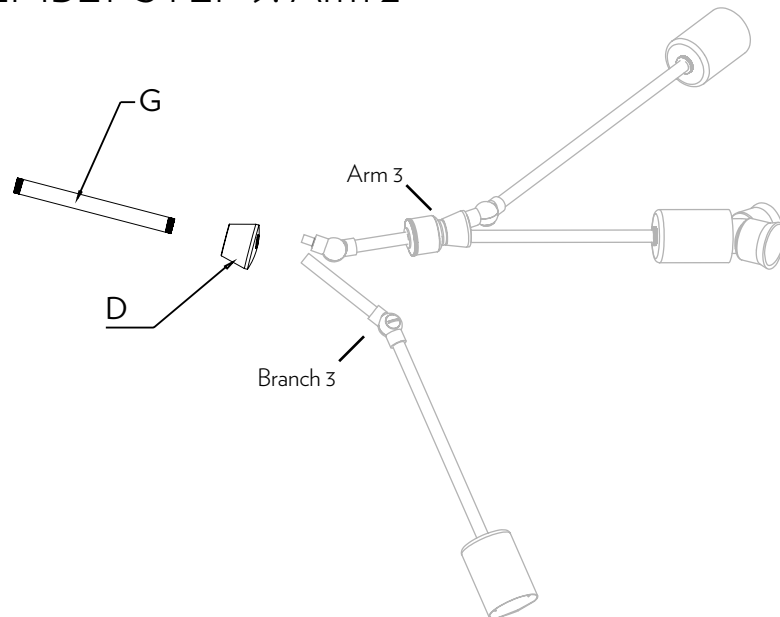
16. Feed the wires through the .5in Steel Nipple (N).
17. Screw together the 3in Brass Arm (F), Adjustable Friction Swivel (M) halves, and .5in Steel Nipple (N).
18. Reassemble the Adjustable Friction Swivel (M) but keep the joint flexible for now by not tightening the screw all the way down.



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ASSEMBLY STEP 9: Arm 2



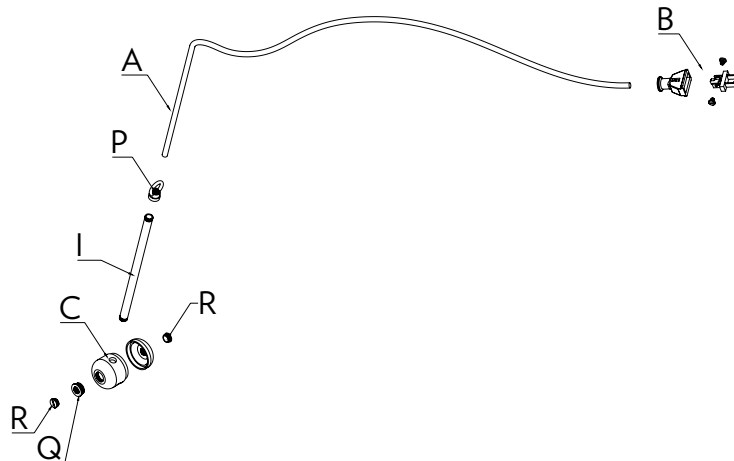
1. Lay out all parts according to the diagram above to get a rough sense of how it will go together.
2. Feed wires from Branch 3 into the 2 Sided Cluster Body Splitter (D) and screw it in.
4. Feed wires from Arm 3 into the 2 Sided Cluster Body Splitter (D) and screw it in.
6. Feed all four wires through the 4in Brass Arm (G).
7. Screw the 4in Brass Arm (G) into the 2 Sided Cluster Body Splitter (D).



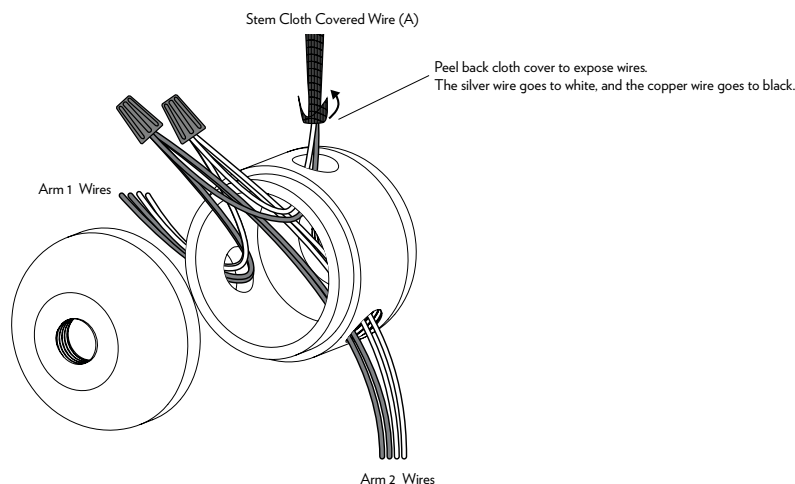
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ASSEMBLY STEP 10: Stem



1. Lay out all parts according to the diagram above to get a rough sense of how it will go together.
2. Screw the Male Loop 1/8ips Female (P) to the 7in Brass Arm (I).
3. Feed the Cloth Covered Cord (A) through the Male Loop 1/8ips Female (P) and 7in Brass Arm (I).
4. Feed the Cloth Covered Cord (A) through the 3 Sided Cluster Body (C).
5. Remove the 3 Sided Cluster Body (C) Lid and pull a few inches of cord through.
6. Strip back 1" of cloth from the Cloth Covered Cord (A) and separate the wires.
7. Feed the wires from both branching assemblies through the 3 Sided Cluster Body (C).
8. Screw the branching assemblies and stem assembly into the 3 Sided Cluster Body (C).
9. Cut all of the wires to equal lengths and strip them.
10. Using the Orange Wire Nuts (X), splice together all of the black (live) wires and all of the white wires. The wires from the Cloth Covered Cord (A) may both be white. The copper conductor from the Cloth Covered Cord (A) goes to black (live), and the silver conductor goes to white.



11. Wrap the wire nuts in electrical tape for security.
12. Screw on the lid to the 3 Sided Cluster Body (C) to enclose the wires. Be careful not to damage or put excessive tension on the wire while tightening.
13. Using a flathead screwdriver, screw in a 1/8ips Brass Plug Button (R) to the cluster body lid.
14. Screw in the Brass Reducer 1/8-1/4 (Q) to the cluster body followed by a 1/8ips Brass Plug Button (R).

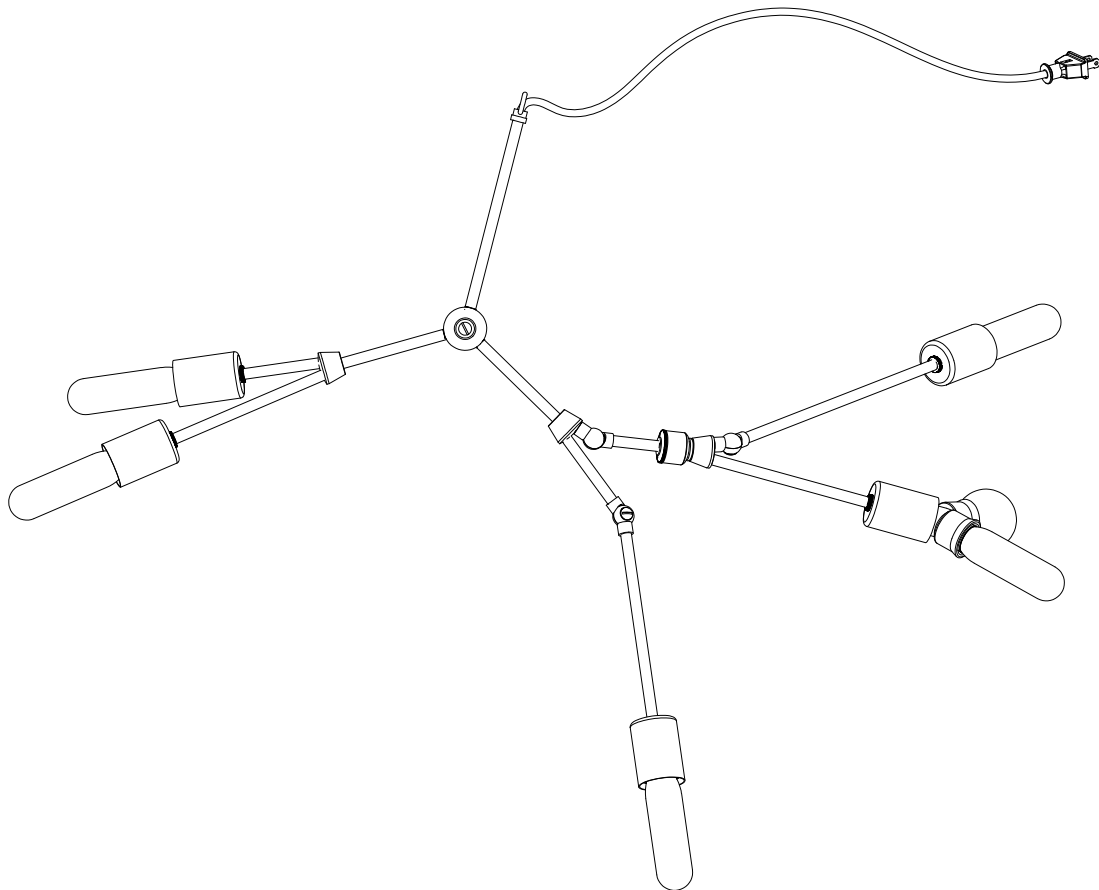


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ASSEMBLY STEP 11: Finishing Touches

1. Position the arms as desired and tighten the flathead screw on the Adjustable Friction Swivels (M) to hold them in place.
2. Cut the Cloth Covered Cord (A) to the desired length and attach it to the Plug (B) using **Diagram 5** for reference.
3. Hang on the ceiling with your choice of ceiling hardware from grandbrass.com.
4. Install light bulbs.
5. Plug in and enjoy!

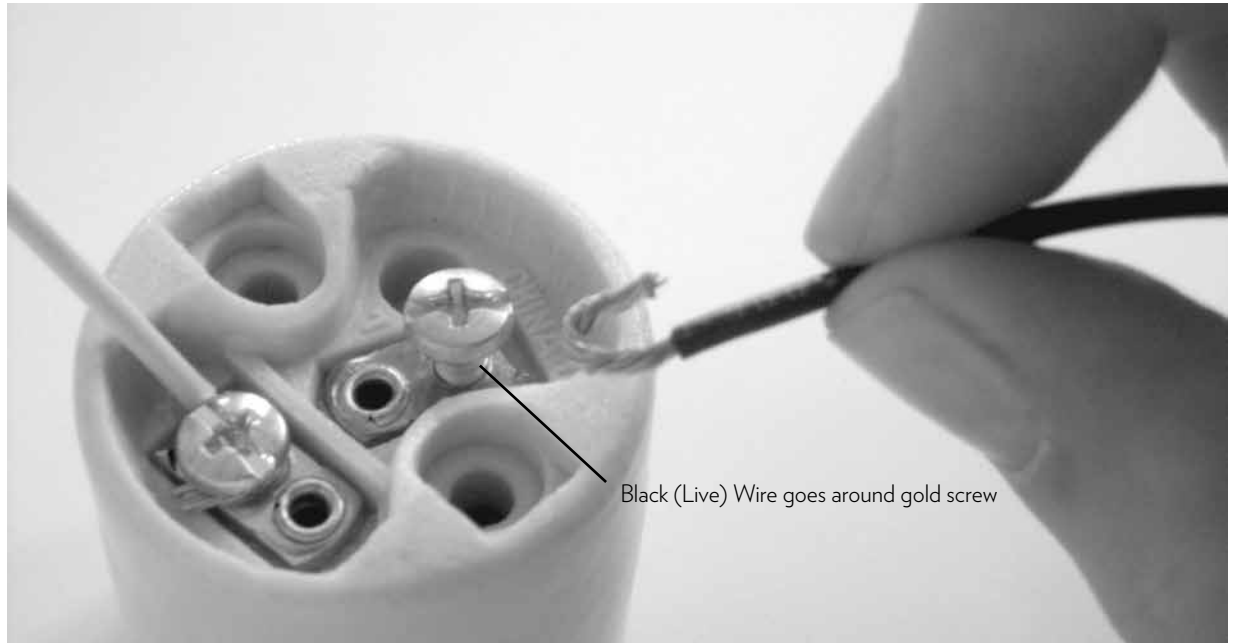




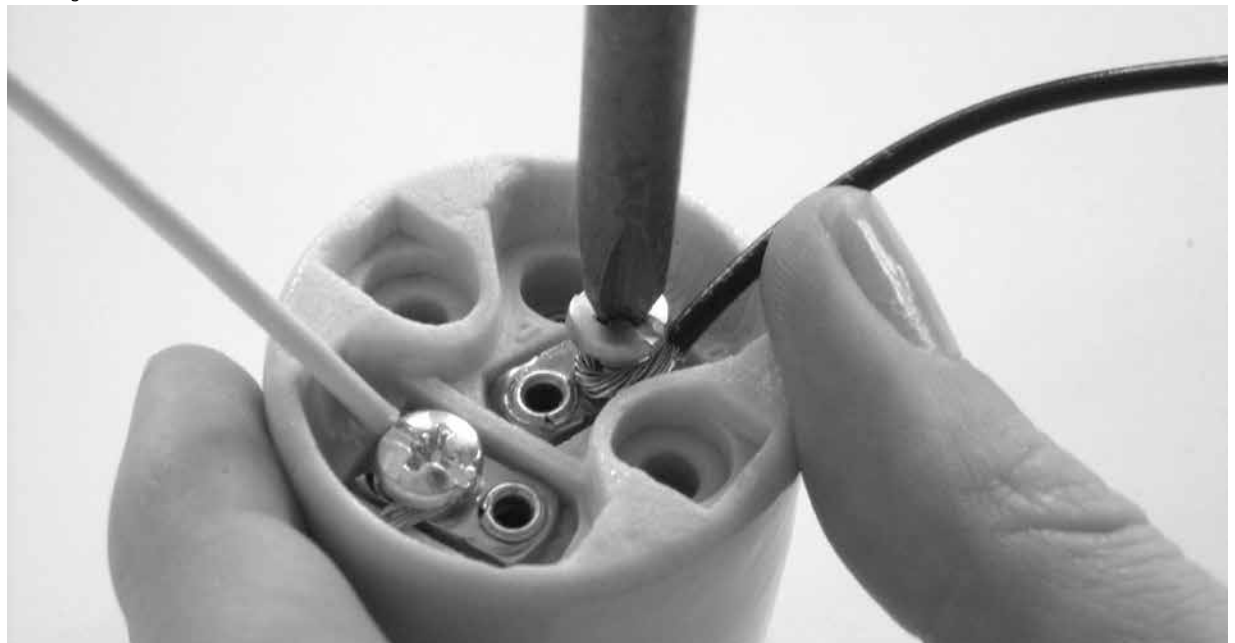
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DIAGRAM 1: WIRING SOCKETS



Twisting wire around screws



Tightening screws to socket

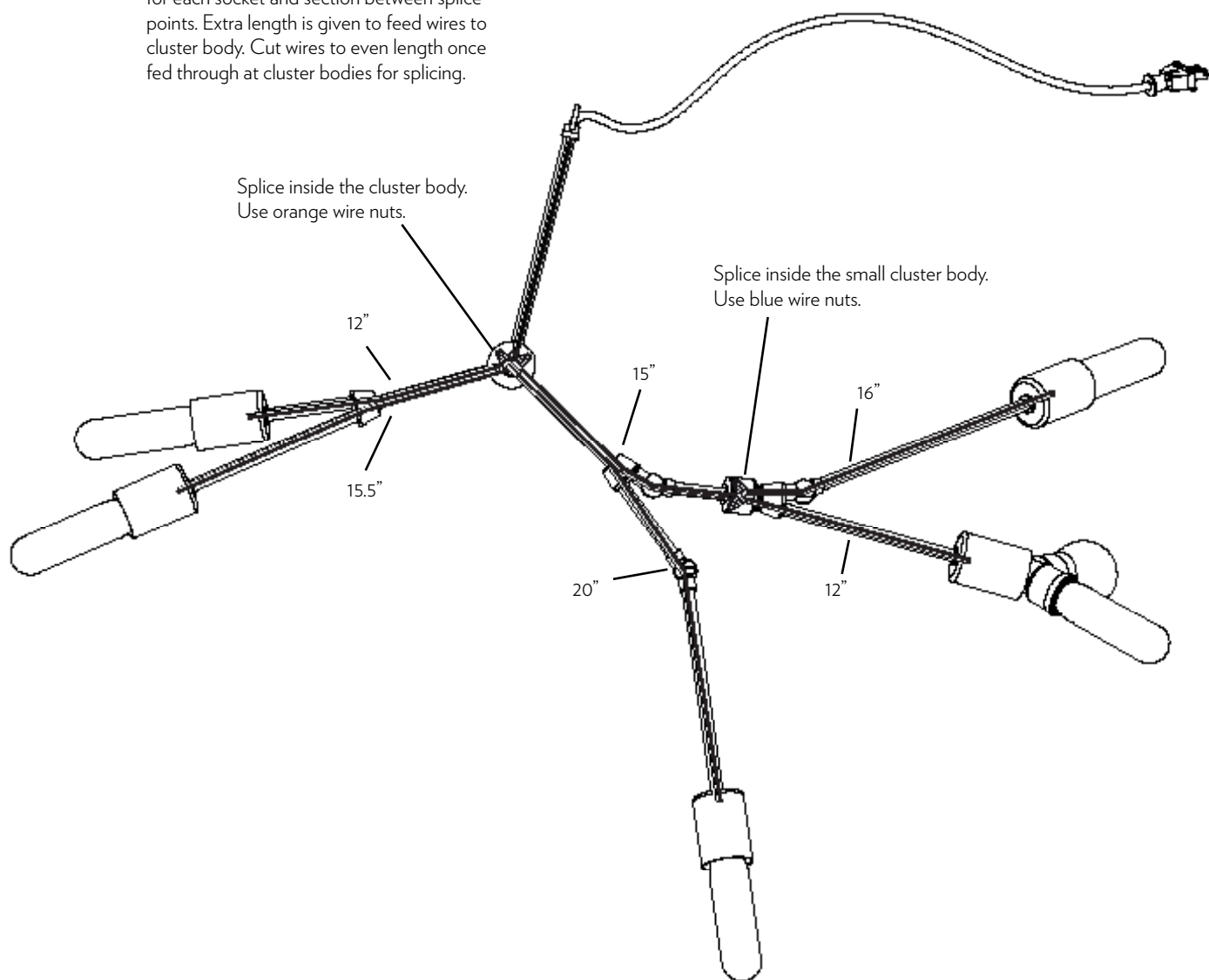


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DIAGRAM 2: SUGGESTED WIRE LENGTHS

Below are the suggested lengths of wire for each socket and section between splice points. Extra length is given to feed wires to cluster body. Cut wires to even length once fed through at cluster bodies for splicing.

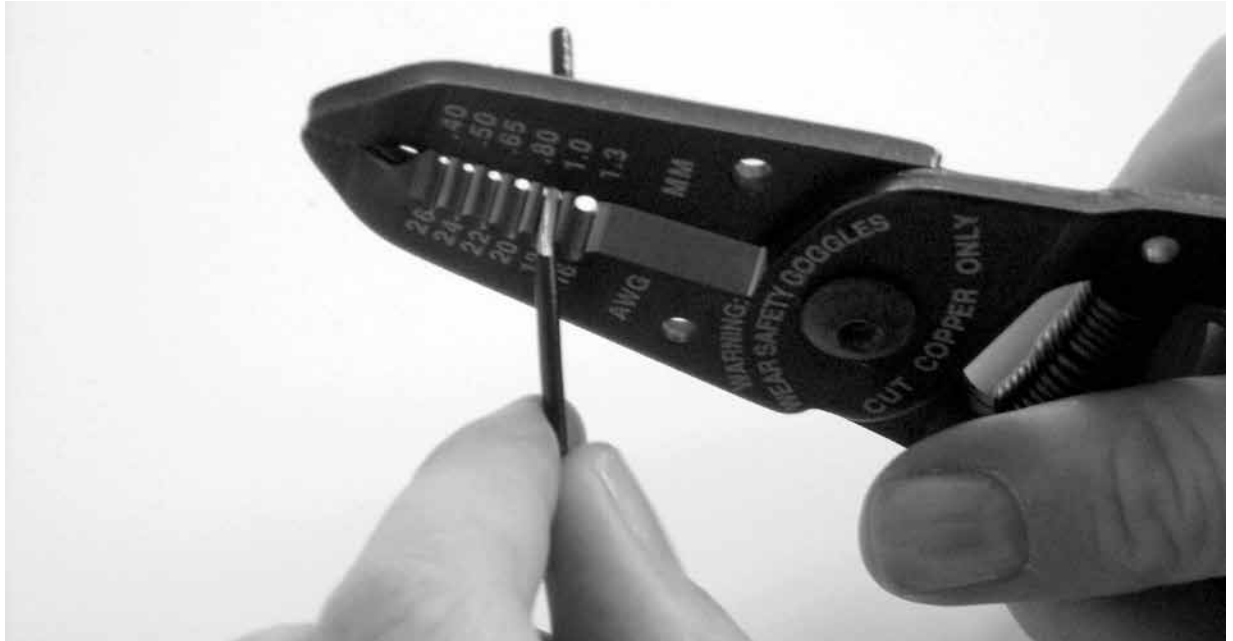




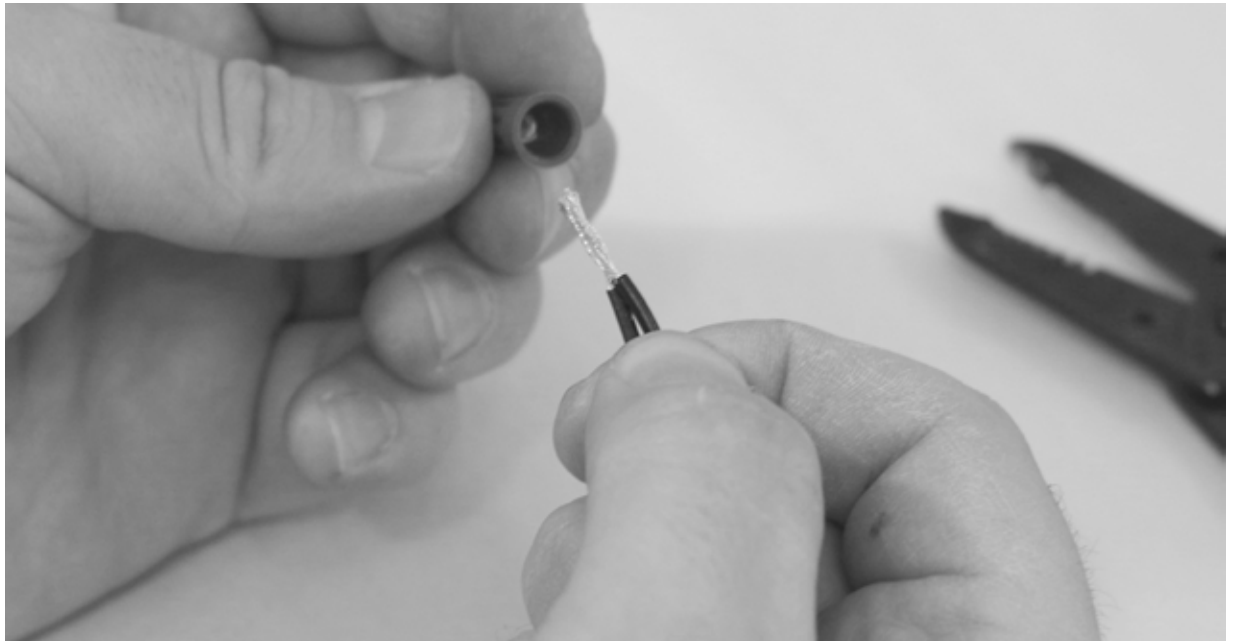
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DIAGRAM 3: STRIPPING AND SPLICING



Stripping wire. Remove about 5/8" of sheathing off of ends.



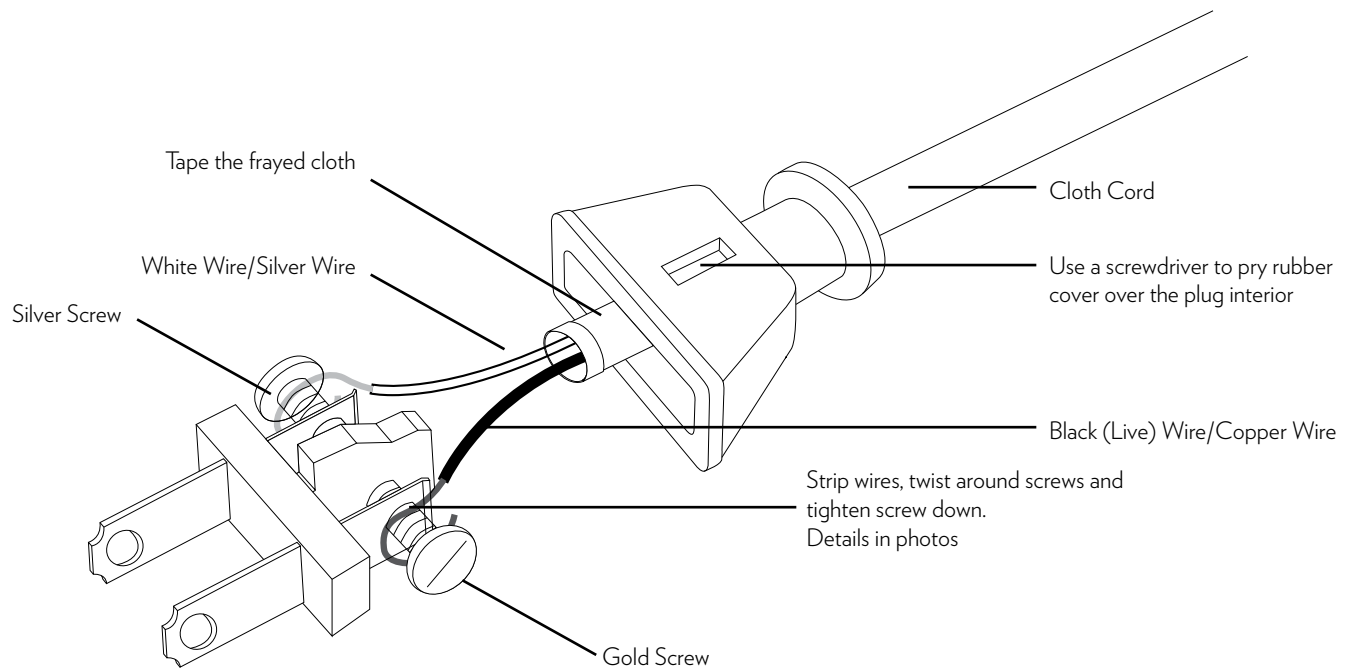
Twist wire together and screw on wire nut.



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DIAGRAM 4: ATTACHING THE PLUG



Note: The wires in the cloth cord may both be white. If so, remove the insulation from the ends and consider the copper conductor to be black (live) and the silver conductor to be white.