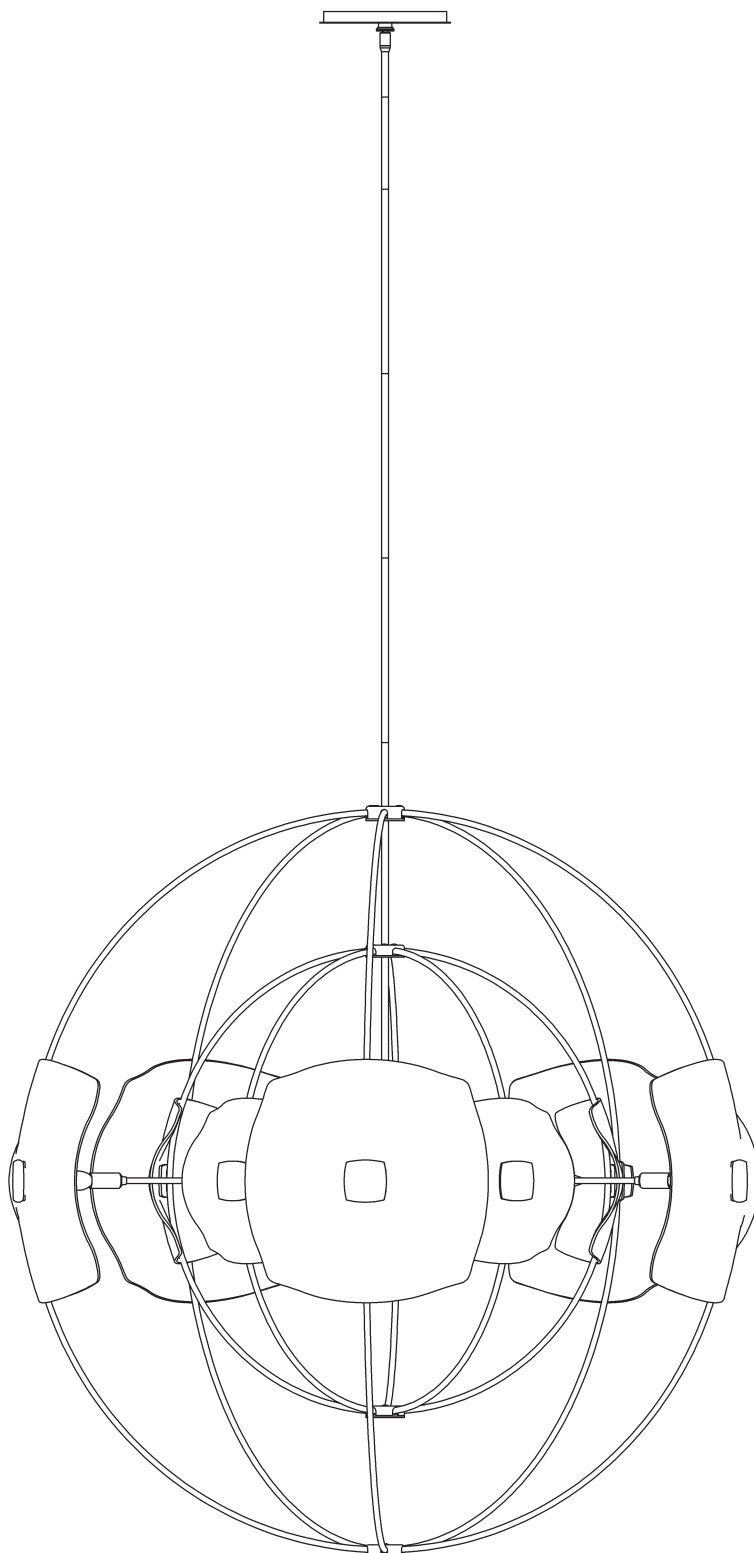


ASSEMBLY & INSTALLATION INSTRUCTIONS

A1032

Astra Pendant 131503



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Component Parts

A	Crossbar	P	#6 Nut (8)
B	Jam Nut	Q	Hex Coupling (8)
C	Threaded Nipple	R	Screw Cap (12)
D	Ground Screw	S	Gripper (1)
E	Canopy Ring	T	3" Fixture Pipe (1)
F	Canopy	U	6" Fixture Pipe (1)
G	Swivel	V	12" Fixture Pipe (3)
H	Core (1)	W	Stem Nipples (4)
I	Inner Arm w/ stem (1)	X	Lag Screw (2)
J	Inner Arm w/ plate (3)	Y	Socket (8)
K	Inner Arm w/ cup (1)	Z	Bulb (not included) (8)
L	Outer Arm w/ round plate (1)	AA	Large Glass (5)
M	Outer Arm w/ plate (3)	AB	Small Glass (5)
N	Outer Arm w/ cup (1)	AC	Attachment Plate (10)
O	#6 Flat Head Screw (12)	AD	Large Stud Plate (5)
		AE	Small Stud Plate (5)
		AF	Barrel Knobs (20)
		AG	Silicone Pads (40)

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CAUTION: FAILURE TO INSTALL THIS FIXTURE PROPERLY MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH AND PROPERTY DAMAGE. We recommend installation by a licensed electrician. This product must be installed in accordance with applicable installation code(s), by a person familiar with the construction and operation of the product and the hazards involved.*

Caution: Do not exceed maximum wattage noted on fixture. Use only recommended bulbs with fixture.

Please Note: After installation extra hardware and accessories are possible due to our kits are used on multiple products and options.

To Assemble Fixture (Figures 1 -11)

CAUTION: BE SURE POWER IS OFF AT THE MAIN BREAKER BOX PRIOR TO INSTALLATION.

NOTE: THIS FIXTURE REQUIRES ASSEMBLY, 2 PEOPLE WILL MAKE THE PROCESS EASIER

1. Carefully unpack components from the carton. Refer to Figure 1 to identify arms and core.
2. Refer to Figure 11. Stud plates (AD & AE), barrel knobs (P) and silicone pads (AG) are shipped installed on each arm; the pieces are also wrapped in plastic to prevent scratching while assembling the fixture. **Do not unwrap or remove parts at this time.** See Figure 11.

NOTE: A NEW ELECTRIC BOX COMES WITH SCREWS. WHEN REPLACING A FIXTURE, RETAIN THE EXISTING SCREWS FOR USE WITH THE NEW FIXTURE.

3. Using two machine screws (not provided), temporarily fasten crossbar (A) to the electric box. Figure 3
4. Locate core (H) and Inner Arm w/ stem (I). Note: one of the studs on Inner Arm w/stem (I) has an "A" label attached. Do not remove this label. This is important for step 8. Feed wires from core (H) through pipe on Inner Arm (I). Attach Inner Arm (I) to Core (H) using (3) #6 flat head screws (O). Inner Arm (I) and Core (H) can only be assembled in one position. Press screw cap (R) into heads of #6 screws (O). See Figure 2
5. Assembly of fixture is made easier by hanging core and single arm so that fixture is suspended while adding remaining arms. See Figure 3.
6. In the kit bag locate the length of wire and gripper (S).
7. Loop wire over crossbar (A) and under Inner Arm (I). Feed both ends of wire through gripper (S) and pull enough wire through gripper so that Inner Arm (I) and Core (H) are suspended at a height that is comfortable to finish assembly. See Figure 3.



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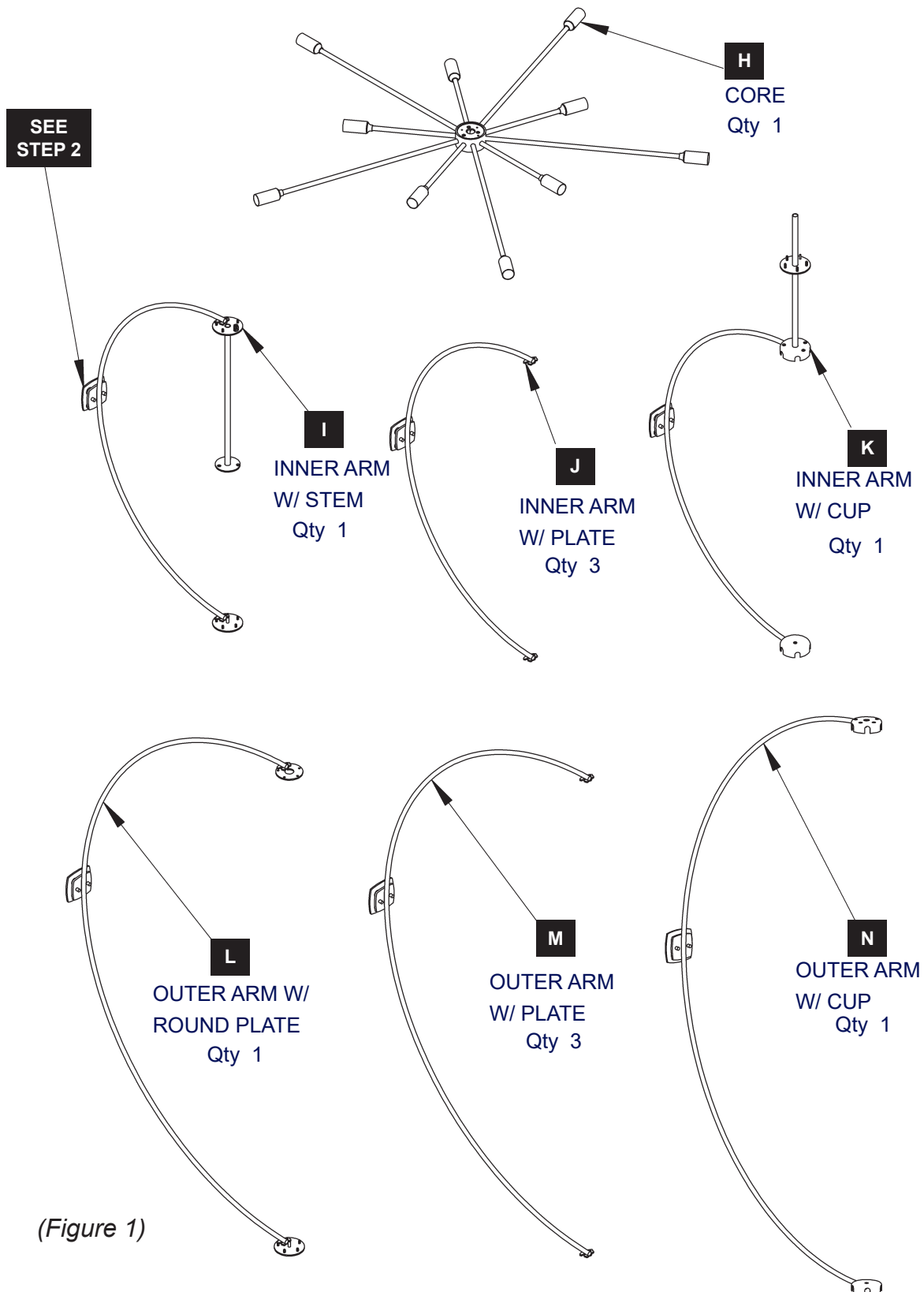
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(Figure 1)



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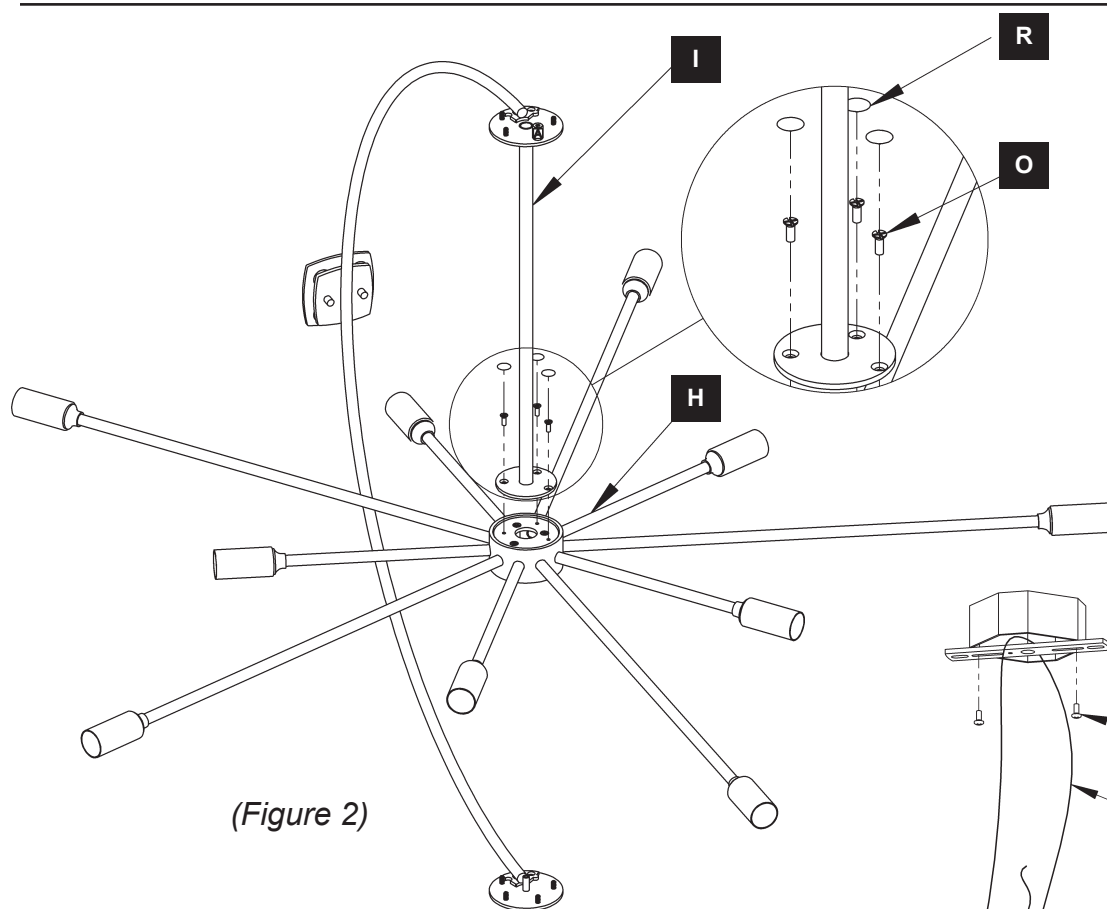
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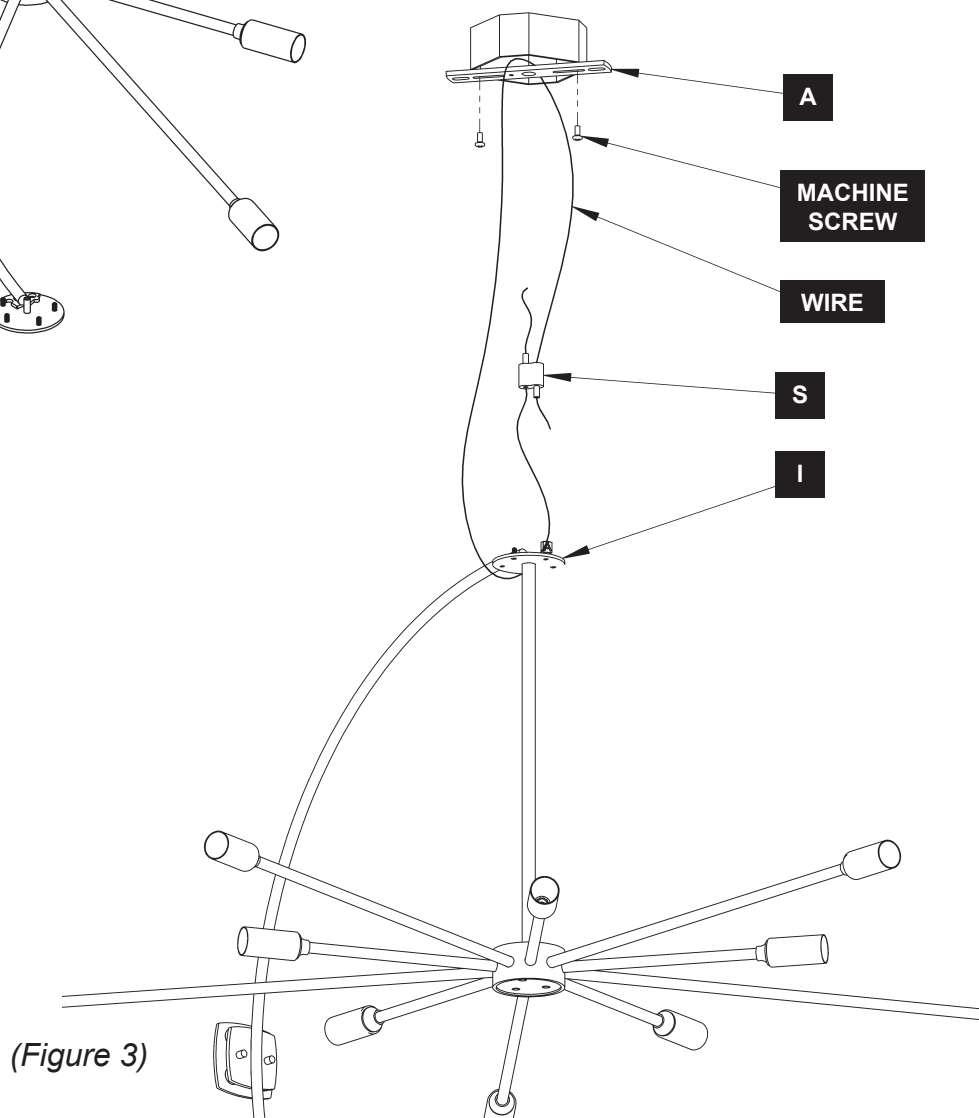
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(Figure 2)



(Figure 3)



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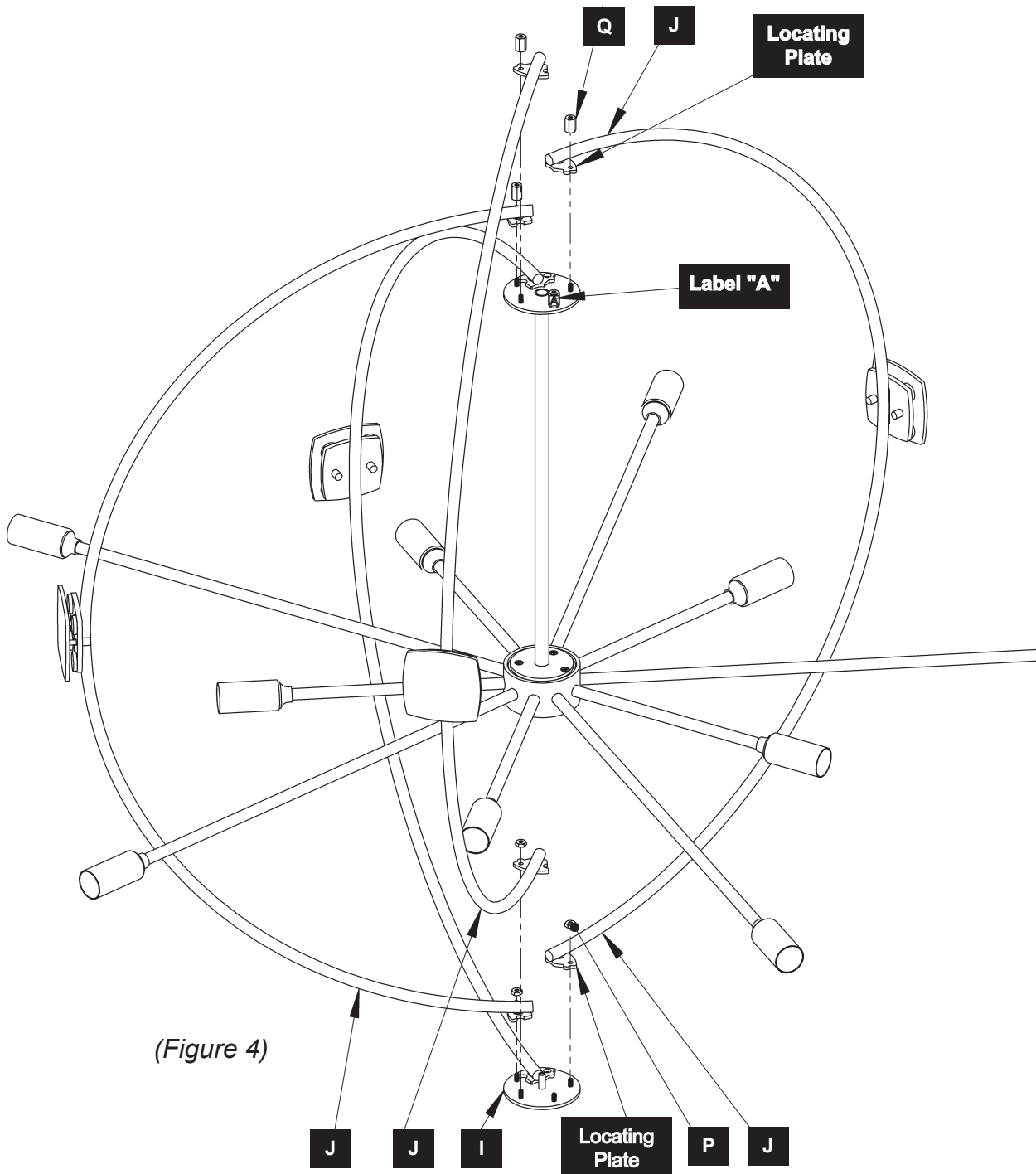
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8. Locate (3) Inner Arm w/plate (J). Refer to Figure 4 for correct location for the 3 arms. One stud has a hex coupling (Q) labeled "A" threaded on it. This stud will not have an arm placed over it. Do not remove at this time.
9. Place the holes in the locating plates on Inner Arm (J) over the studs on Inner Arm (A). Loosely secure arm in place using nuts (P) on the lower plates and hex couplings (Q) on the upper plates. Do not tighten hardware at this time. Repeat for remaining Inner Arms (J). See Figure 4. Once all (3) Inner Arms (J) are installed, snug hardware, do not over tighten hardware, arms should still be able to move, so that they can be aligned with core if needed. Label "A" may be removed at this time.



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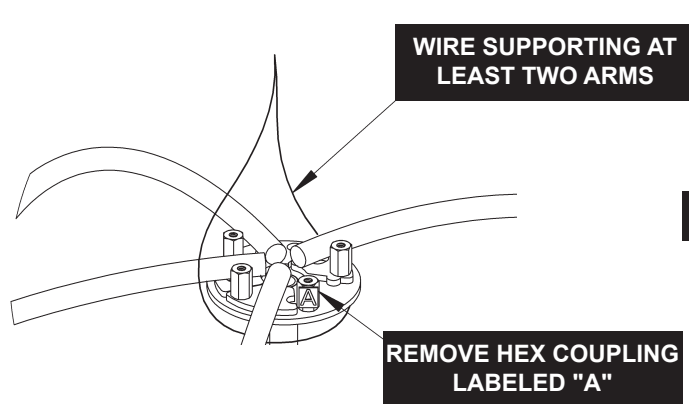
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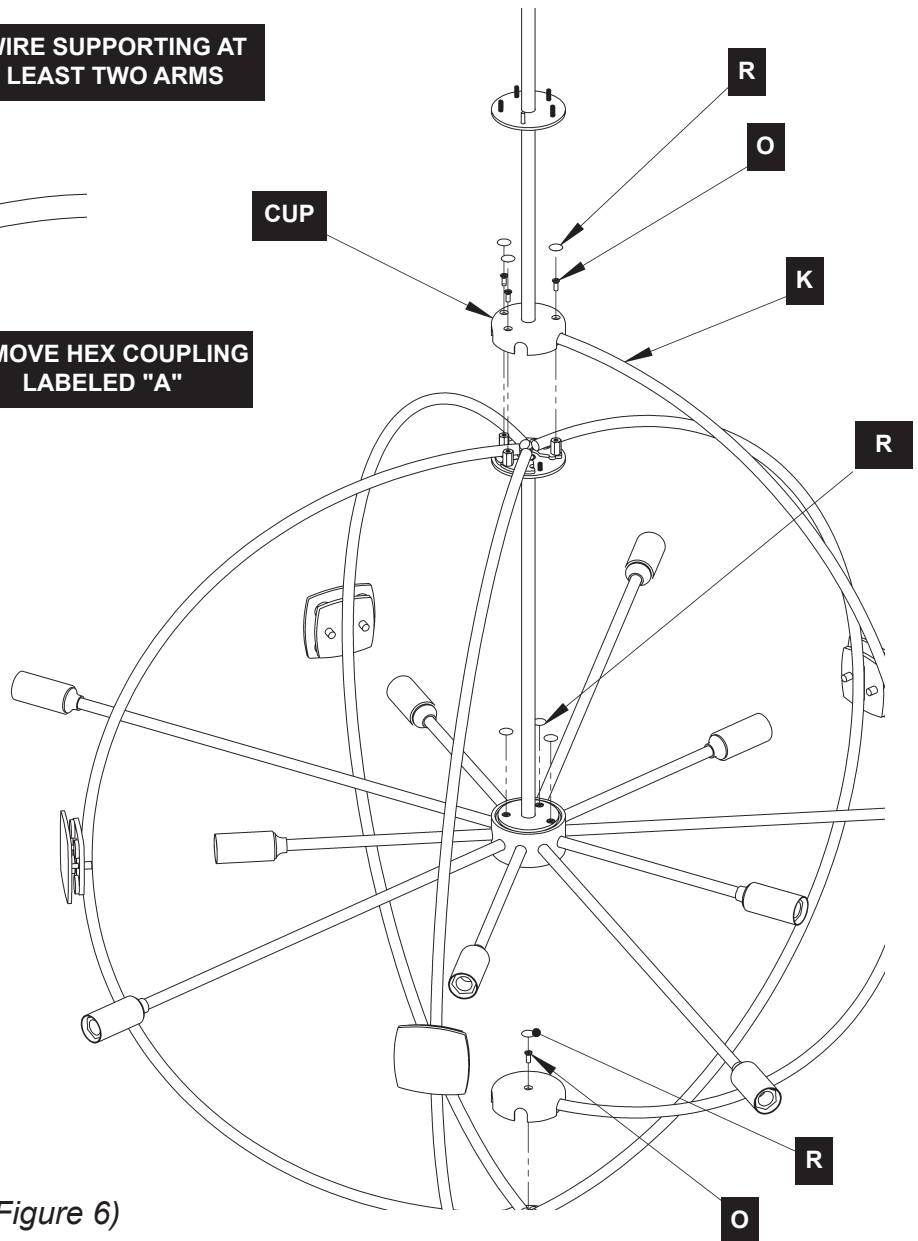
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10. Re-route the wire that the fixture is suspended on so that it passes under multiple arms so that fixture is held more securely and balanced. See Figure 5
11. Remove hex coupling (Q) labeled "A" from inner arm with stem (I). See Figure 5
12. Locate Inner Arm w/cup (K). Feed wires through upper cup on Inner Arm (K). Place arm on assembly, it may be necessary to wiggle arms so that the can will fully seat around the arms. Secure with (4) #6 Flat Head Screws. Press screw cap (R) into heads of #6 screws (O). See Figure 6



(Figure 5)



(Figure 6)



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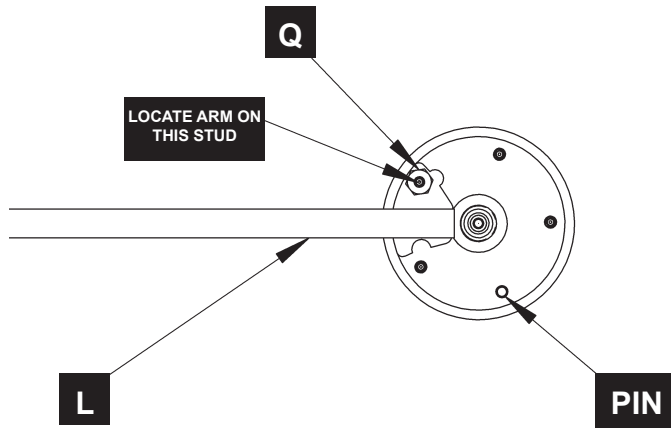
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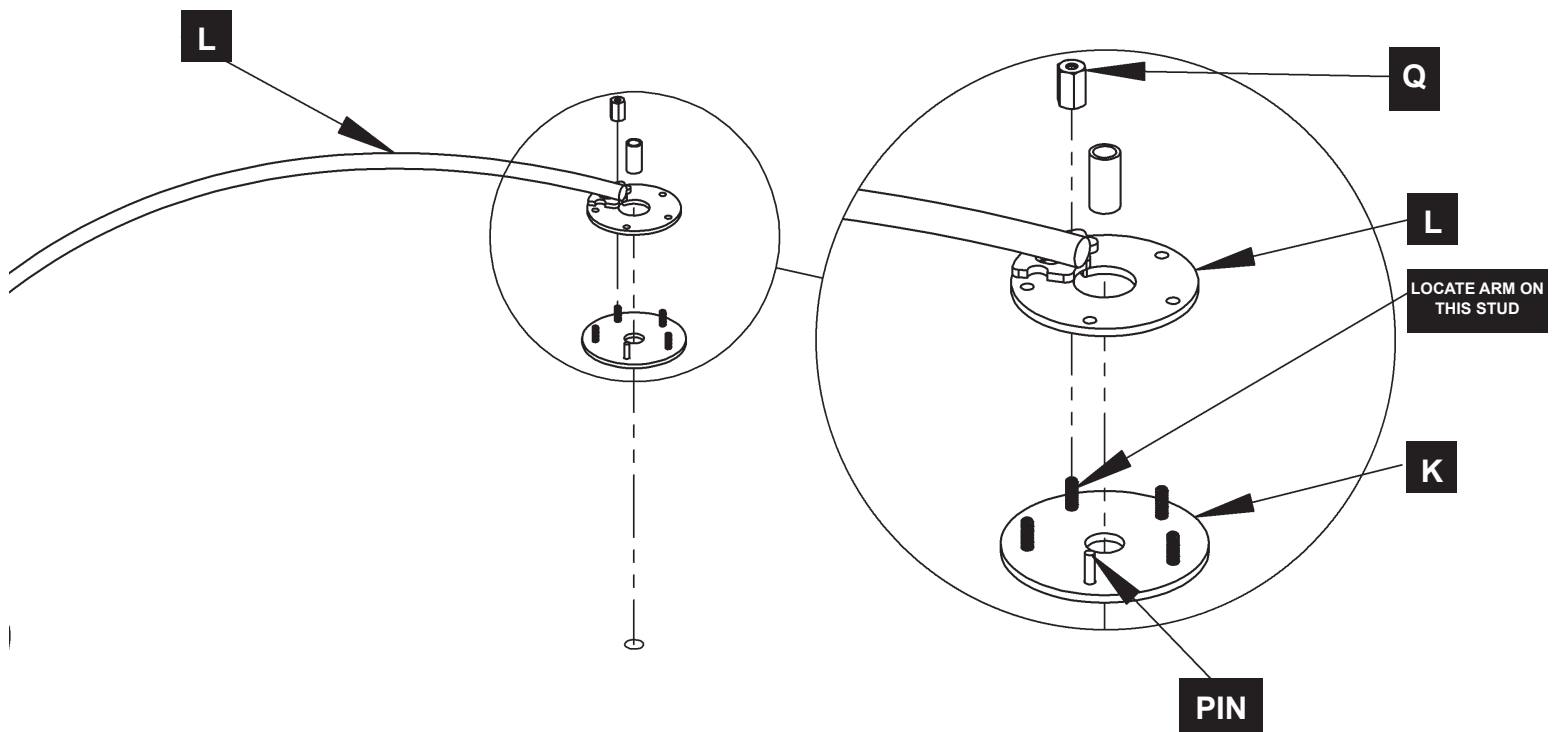
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13. Locate Outer Arm w/round plate (L). Run wires from core through center hole. Slide the hole in the arm over the stem of Inner Arm (K) and secure loosely with a hex coupling (Q). See Figure 7.

NOTE: ENSURE SECOND PERSON SUPPORTS ARM 'L' UNTIL OTHER ARMS HAVE BEEN ADDED TO AVOID BENDING THE ARMS



TOP VIEW



(Figure 7)



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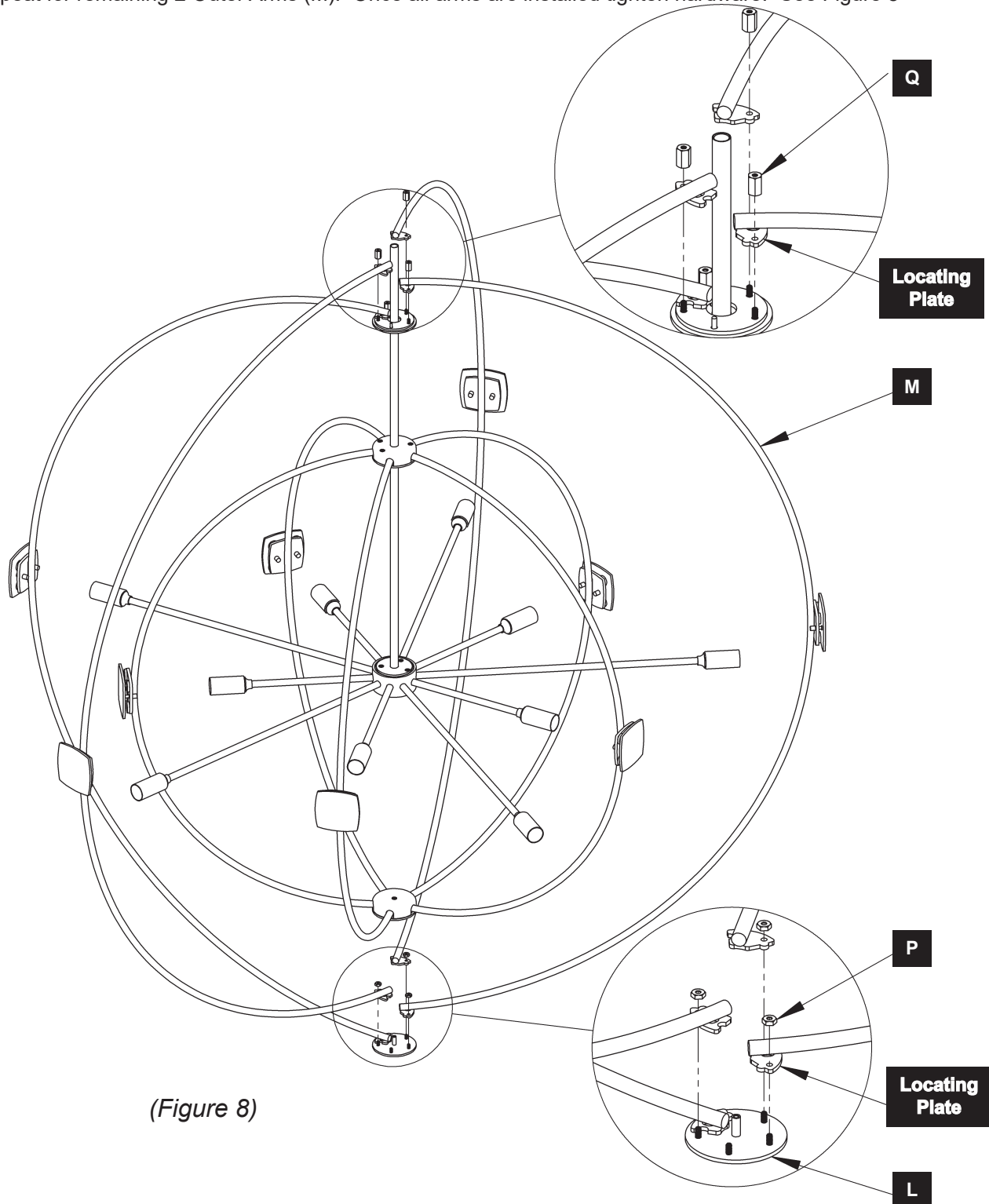
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14. Locate (3), Outer Arm w/plate (M) components. Refer to Figure 8 for arm placement
15. Place the holes in the locating plates on Outer Arm (M) over the studs on Inner Arm (I). Loosely secure arm in place using nuts (P) on the lower plates and hex couplings (Q) on the upper plates. Do not tighten hardware at this time. Repeat for remaining 2 Outer Arms (M). Once all arms are installed tighten hardware. See Figure 8



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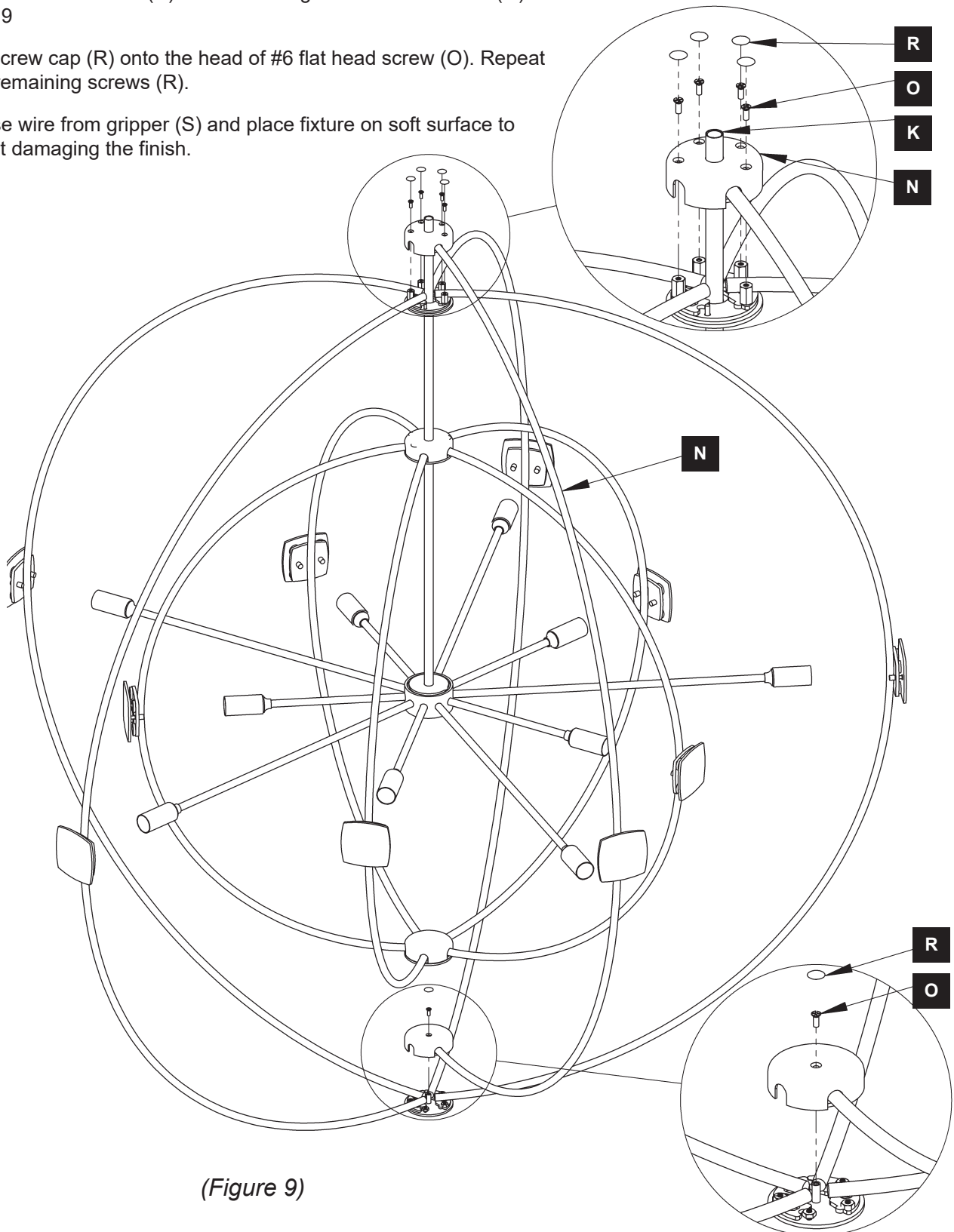
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16. Locate Outer Arm w/ cup (N). Feed wires through center hole in upper cup. Attach Outer Arm (N) to fixture using #6 flat head screws (O).
Figure 9

17. Push screw cap (R) onto the head of #6 flat head screw (O). Repeat for all remaining screws (R).

18. Release wire from gripper (S) and place fixture on soft surface to prevent damaging the finish.



(Figure 9)



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To Install Fixture (Figure 10)

1. Locate threaded nipple (C), jam nut (B) and canopy (F). Thread jam nut (C) onto threaded nipple, thread nipple into crossbar; leave both parts loose.
2. Adjust the length of threaded nipple (C) in crossbar (A) so that canopy ring (E) will hold canopy (F) against the ceiling with no threads showing for best appearance. When the correct adjustment is established, tighten jam nut (B) against crossbar (A) to secure the adjustment.
3. Remove crossbar (A) from the electrical box and proceed with assembly instructions.
4. Locate fixture pipes (T, U, V), stem nipples (W) . Stem nipples (W) can be found in the kit bag.
5. Provided are multiple fixture pipes in three different lengths. Choose the combination that will achieve the overall height desired. Refer to the table below to determine the pipes required to reach the desired overall height. Once you have determined the components necessary, feed the wires that exit fixture through the individual components. Wires will slip easier through loose components than through pipes and nipples that are pre-assembled. Once wires are run, apply thread locking compound to all the connection points and assemble the pipes and nipples.

		Overall Height of Fixture														
		58.2	61.2	64.2	67.2	70.2	73.2	76.2	79.2	82.2	85.2	88.2	91.2	94.2	97.2	100.2
# of Pipes Required	3" Pipe (T)	1		1		1		1		1		1		1		1
	6" Pipe (U)		1	1			1	1			1	1			1	1
	12" Pipe (V)				1	1	1	1	2	2	2	2	3	3	3	3

NOTE: APPLICATION OF THE THREAD LOCKING COMPOUND IS NECESSARY TO PREVENT THE PIPE FROM LOOSENING DURING REGULAR MAINTENANCE AND CLEANING OF THE FIXTURE. BE CERTAIN TO APPLY THE COMPOUND.

6. Carefully slide canopy ring (E) and canopy (F) over wires and fixture pipes (T, U, V) until they rest on fixture.
7. Slip wires from the fixture through assembled swivel (G) and threaded nipple (C).
8. Using two machine screws (not provided), fasten crossbar (A) to the electric box. (Figure 11)
9. Using lag screws (X) attach crossbar (A) to a structural member in the ceiling.

CAUTION: DO NOT RELY ON ELECTRIC BOX ALONE TO SUSPEND FIXTURE. FIXTURE MUST BE ATTACHED TO A STRUCTURAL MEMBER IN THE CEILING.

CAUTION: INSTALLER MUST ENSURE THAT THE MOUNTING METHOD IS CAPABLE OF SUPPORTING THE WEIGHT OF THE FIXTURE.

Note: Lag screws are supplied with your fixture; however, different materials and/or construction methods may require different fasteners. If in doubt, contact a qualified electrician.

10. Using suitable wire connectors (not provided) connect fixture wires to supply (white/ribbed to white and black/smooth to black). Attach a pigtail lead to crossbar ground screw (D). Hold canopy (F) close, connect all ground wires (bare copper or green to bare copper or green).

CAUTION: MAKE SURE WIRE CONNECTORS ARE TWISTED ON SECURELY, AND NO BARE WIRE IS EXPOSED.

11. Slide canopy (F) against ceiling, and secure with canopy ring (E).

CAUTION: BE SURE NO WIRES ARE PINCHED BETWEEN CANOPY (H) AND THE CEILING.

12. Refer to instructions on next page to install glass.



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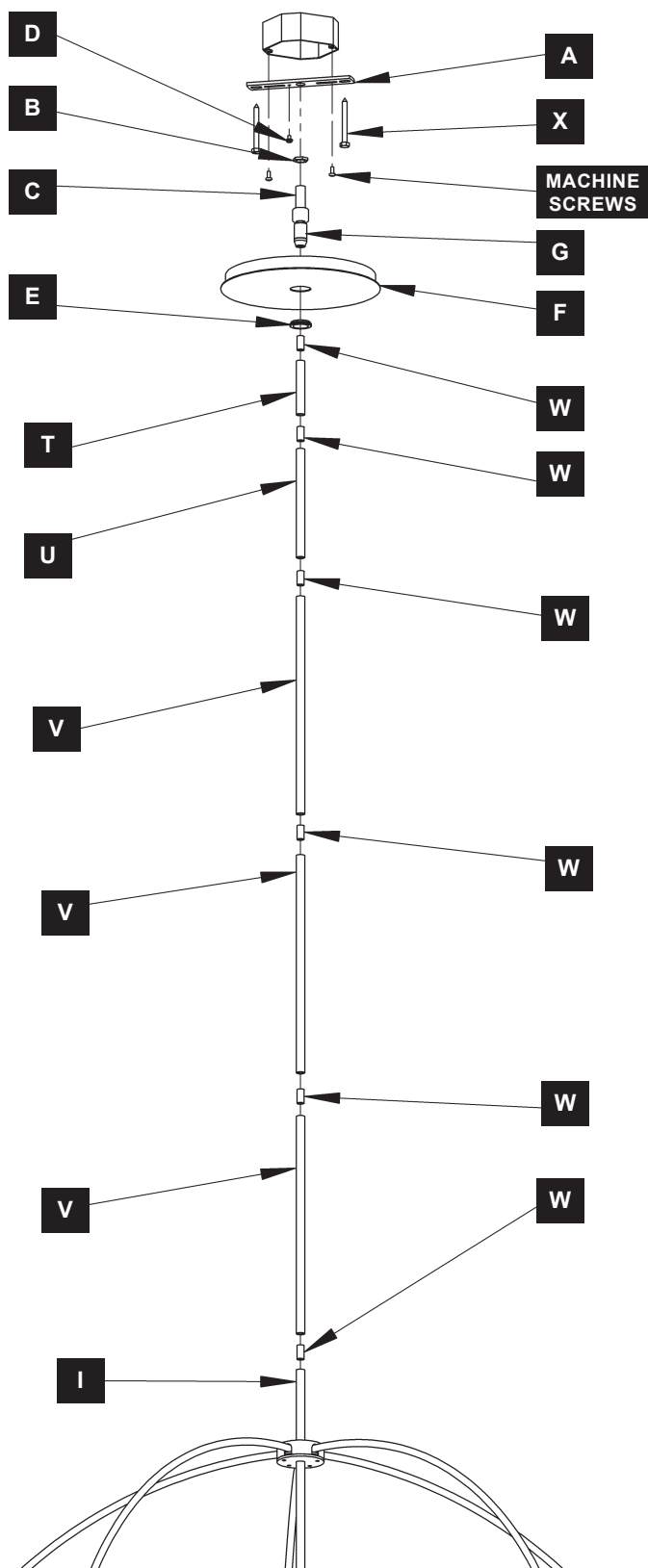
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(Figure 10)



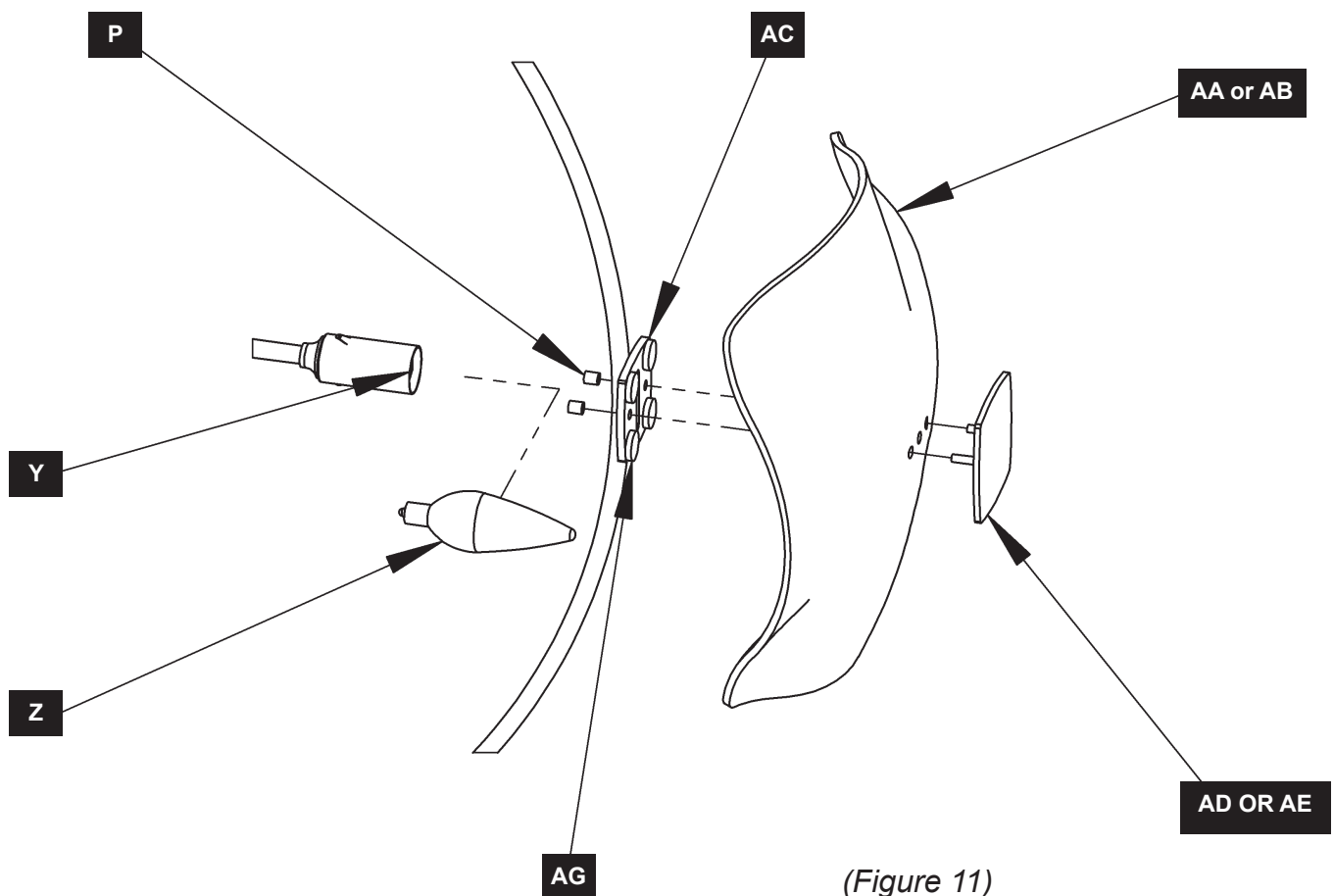
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To Install Glass (Figure 11)

1. Remove plastic wrap from each arm. Remove knobs (P) and stud plates (AD or AE); aside for next step. Keep small and large stud plates separate.
2. Locate small glass (AB) and large glass (AA). Small glass (AB) and small stud plate (AE) to be installed on the inner arms and Large glass (AA) and large stud plate (AD) to be installed on the outer arms. Place glass (AB or AA) over stud plate (AD or AE), aligning so the studs pass through the holes in the glass (AA or AB).
3. Lift glass (AA or AB) and stud plate (AD or AE) up to arm, passing studs through holes in attachment plate (AC). Secure with knobs (P).
4. Install bulbs (Z) into sockets (Y).
5. Repeat steps for remaining sockets (Y) and glass (AA or AB).
6. Restore electricity at main breaker.



If you need further assistance, or find that you are missing any parts, please contact the dealer from which you purchased this product. We hope you enjoy your fixture!

**Hubbardton Forge will not be liable for injury or damage caused by improper installation, lamping or use of this fixture.*