

# T-Bar (X1) | DCCAX

## Adjustable Dual Feed Cord/Cable Assembly

### INSTALLATION INSTRUCTIONS



PRUDENTIAL LTG.

PRULITE.COM 213.746.0360

## PARTS LIST

PART	PART NO.	DESCRIPTION	QTY
A		100-00004-08 I.D.S. Clip (X1)	1
		100-00003-08 I.D.S. 95 Clip (X2, X6)	1
B		100-00091-08 A.T Clip (X1, X2, X6)	2
C		100-00114-14 1/4-20 x 3/4 Truss Head Screw	
<b>METAL STRAIN RELIEF:</b>			
D		100-00262-14 Metal Strain Relief (3-4 Wires)	4
		100-00264-14 Metal Strain Relief (5-6 Wires)	4
E		100-00239-14 Brass Knurled Nut	2
F		100-00284-14 Brass Nipple	2
G		65392 5 1/2" Ø Canopy (3 Holes)	1
<b>BUSHING:</b>			
H		100-00316-14 100-00319-14 Threaded	2
K		100-00358-14 100-00320-14 Cord (3-4 Wires)	
		100-00356-14 100-00322-14 Cord (5-6 Wires)	
I		100-00321-14 100-00318-14 Universal	
<b>SJT CORD 300V 18 GA:</b>			
J		100-00956-09 100-00023-09 3 Wires	
		100-00025-09 100-00024-09 4 Wires	
		100-00933-09 100-00912-09 5 Wires	
		100-00317-09 100-01002-09 6 Wires	
<b>SUPPORT CABLE:</b>			
L		100-00039-08 53"	
		100-00085-08 100" Support Cable Assembly with Attachments	1
		100-00042-08 200"	

**WARNING:** Ground fixture in accordance with local and national electrical codes. Failure to do so may result in serious personal injury.



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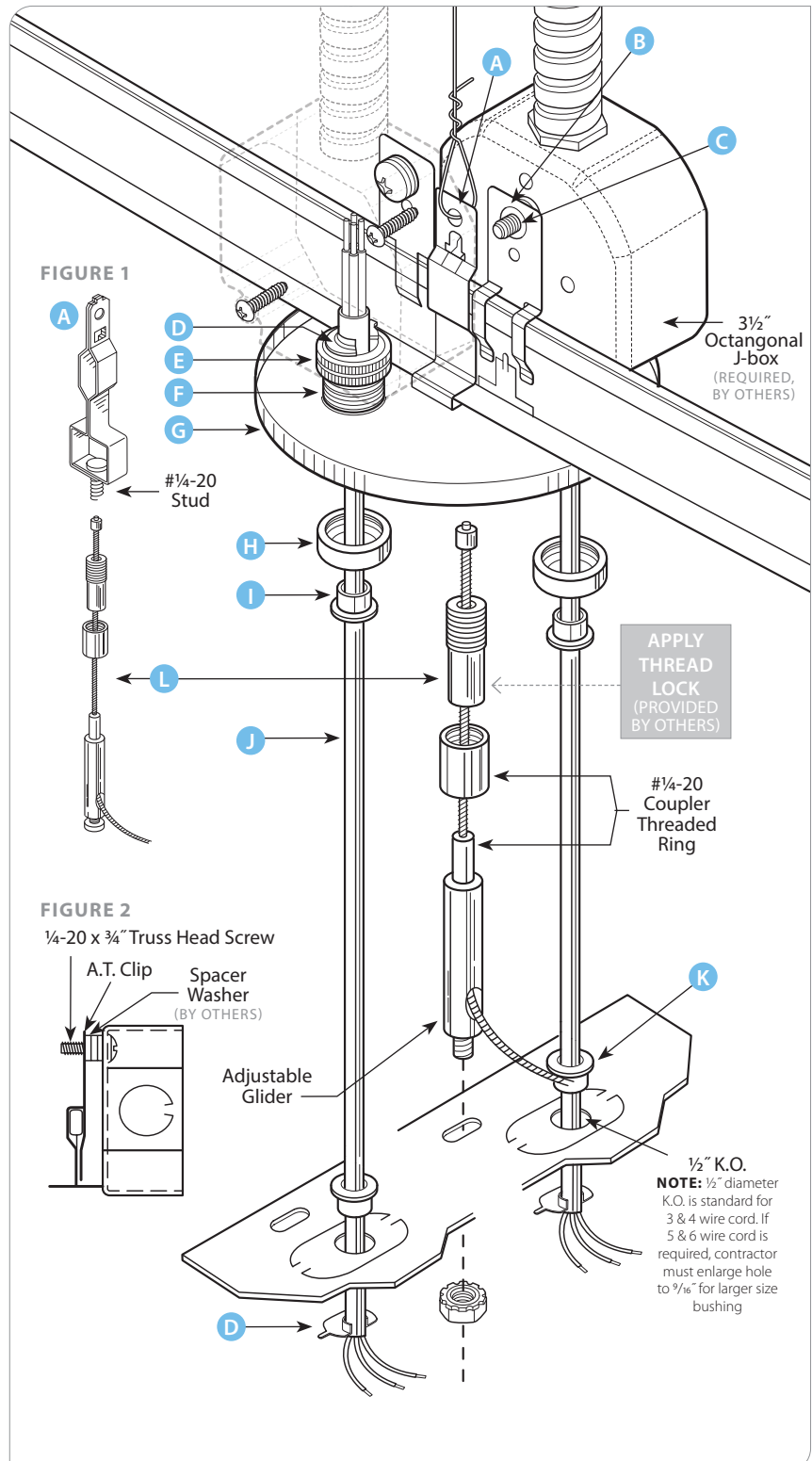
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## INSTALLATION

1. Place the provided  $\frac{1}{4}$ -20 stud into square opening on the bottom of I.D.S. Clip (A) and snap the two halves together (See Figure 1).
2. Position I.D.S. Clip on ceiling grid at required location. Place A.T. Clip (B) onto the ceiling grid and slide it against the I.D.S. Clip. Place the provided  $\frac{1}{4}$ -20 x  $\frac{3}{4}$ " Truss Head Screw (C) through a  $\frac{3}{16}$ " octagonal J-Box, then place spacer washers accordingly (if needed), and secure it to the A.T. Clip (See Figure 2).
3. Repeat step 1 and 2 for the installation of the second,  $\frac{3}{16}$ " J-Box.
4. Bring Building power into the first J-box and the Emergency power into the second J-box, then strip wires necessary for connection.
5. Fasten the Brass Knurled Nut (E) onto the Brass Nipple (F), then insert into the 3-Holes Canopy (G). Next, Snap the Universal Bushing (H) into the Threaded Bushing (I) and secure it at the end of the Brass Nipple and set it aside.
6. Cut SJT cord to required length and run one end of the SJT Cord through a Threaded and Universal Bushing, then through the Brass Nipple and secure the SJT cord with a Metal Strain Relief. Prudential provides 1' additional cord per feed drop. For example, 53" aircraft cable gets 5' cord; 8' aircraft cable gets 9' cord; etc. Once completed, make all necessary connections to the Power in the J-Box.
7. Repeat step 5 & 6 for the second J-box.
8. Lift Canopy so the  $\frac{1}{4}$ -20 x  $\frac{3}{4}$ " stud of the I.D.S. Clip passes through the Canopy center hole. Then secure it with  $\frac{1}{4}$ -20 Coupler Threaded Ring of the Support Cable Kit (L). Apply a small amount of thread lock to coupler threaded area.
9. Remove  $\frac{1}{2}$ " KO from fixture. Insert the other end of the SJT cord through the Cord Bushing (K), then press the Cord Bushing and SJT cord through the  $\frac{1}{2}$ " dia. hole of fixture and secure it with a Metal Strain Relief (D) from the inside of fixture. For a 5 or 6 wire cord, contractor must enlarge holes to  $\frac{9}{16}$ " diameter for larger size bushing.
10. Repeat step 9 for the second J-box.

**NOTE:** Canopy will accommodate  $\frac{3}{16}$ " octagonal electrical box. Electrical box must be attached to A.T. clip. Refer to NEC 370-16 for maximum electrical box fill. Clamp connector and electrical box provided by other.

**CAUTION:** Do not remove crimp from cable. Crimps are factory pressed onto cable for maximum strength. Prudential Lighting will not be responsible for damage or injuries which occur due to cable/crimp alterations. If different cable lengths are required, contact Prudential Lighting immediately.



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01-03-2024