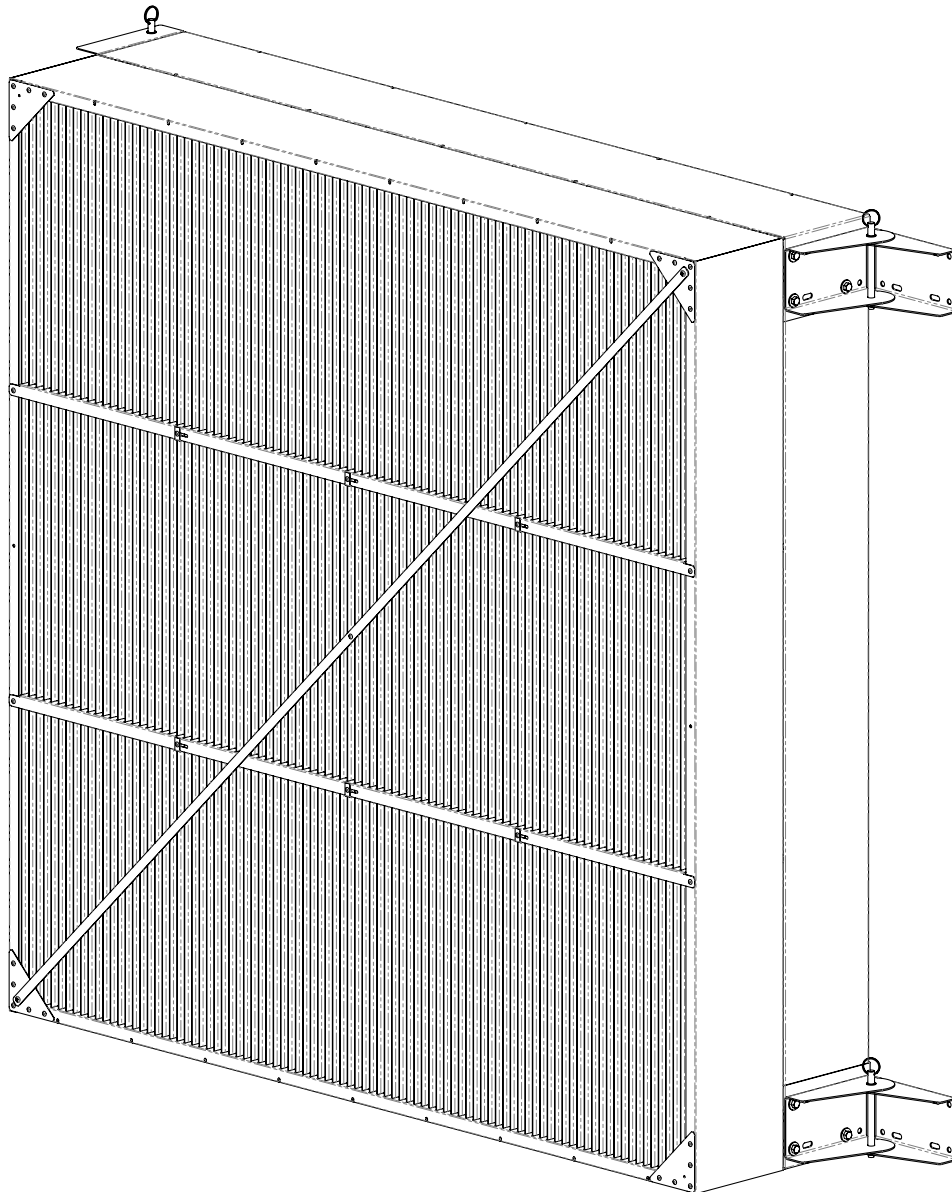




Light Trap Extension

819000, 819010, 819020

Quick Sheet



990233
9-24-2019

Installation and Assembly of Light Trap Extension:

Step 1: Mark location of (2) 819003 hinge brackets using the dimensions shown in Figure 1 and Table 1.

Figure 1

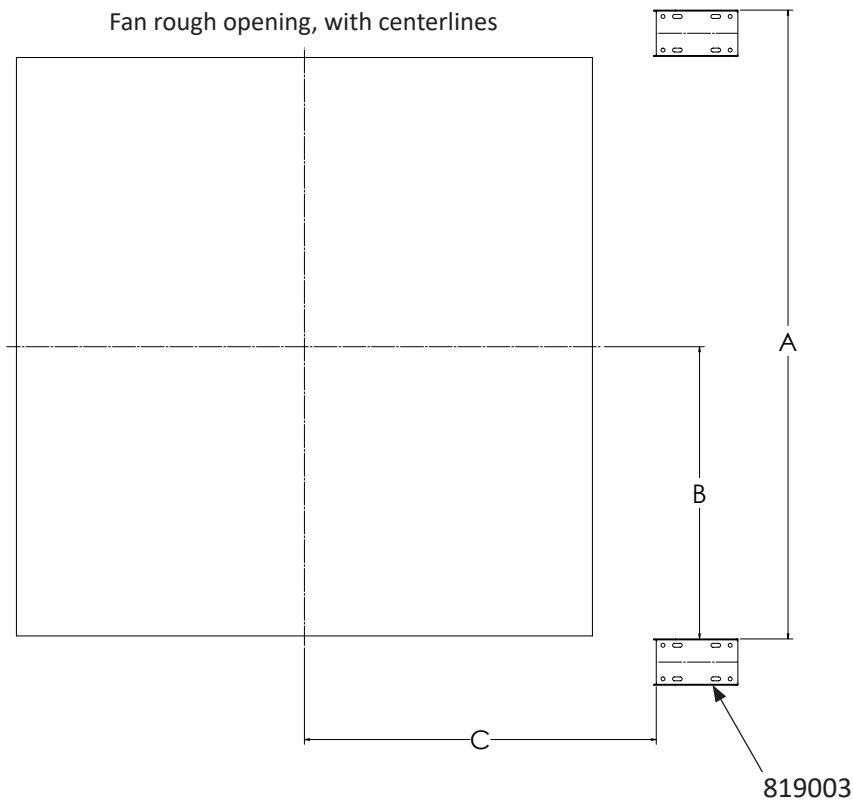


Table 1

	819000 72" X 72"	819010 60" X 60"	819020 48" X 48"
A	65-1/2" (166.4 cm)	53-1/2" (135.9 cm)	41-1/2" (105.4 cm)
B	30-1/2" (77.5 cm)	24-1/2" (62.2 cm)	18-1/2" (47 cm)
C	36-5/8" (93 cm)	30-5/8" (77.8 cm)	24-5/8" (62.55 cm)

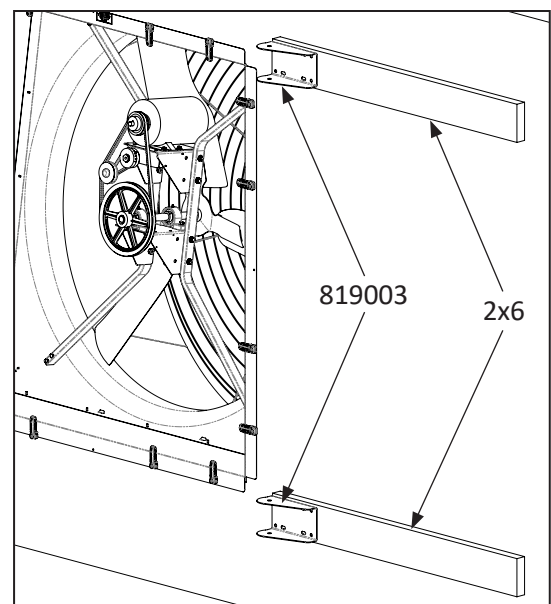
Measuring Notes:

- Mark the location of the bottom 819003 bracket first, based on the centerline of the fan before attaching it to the wall, then mount the top bracket in a position measured off the bottom bracket, as shown in Figure 1.
- Ensure that both brackets are level.

Mounting Notes:

- If mounting brackets on concrete, use (4) 3/8" tapcons per bracket.
- If mounting brackets on a wooden structure, first mount 2x6 lumber across studs for support, then mount brackets to the lumber using (4) 3/8" lag screws per bracket, as shown in Figure 2.

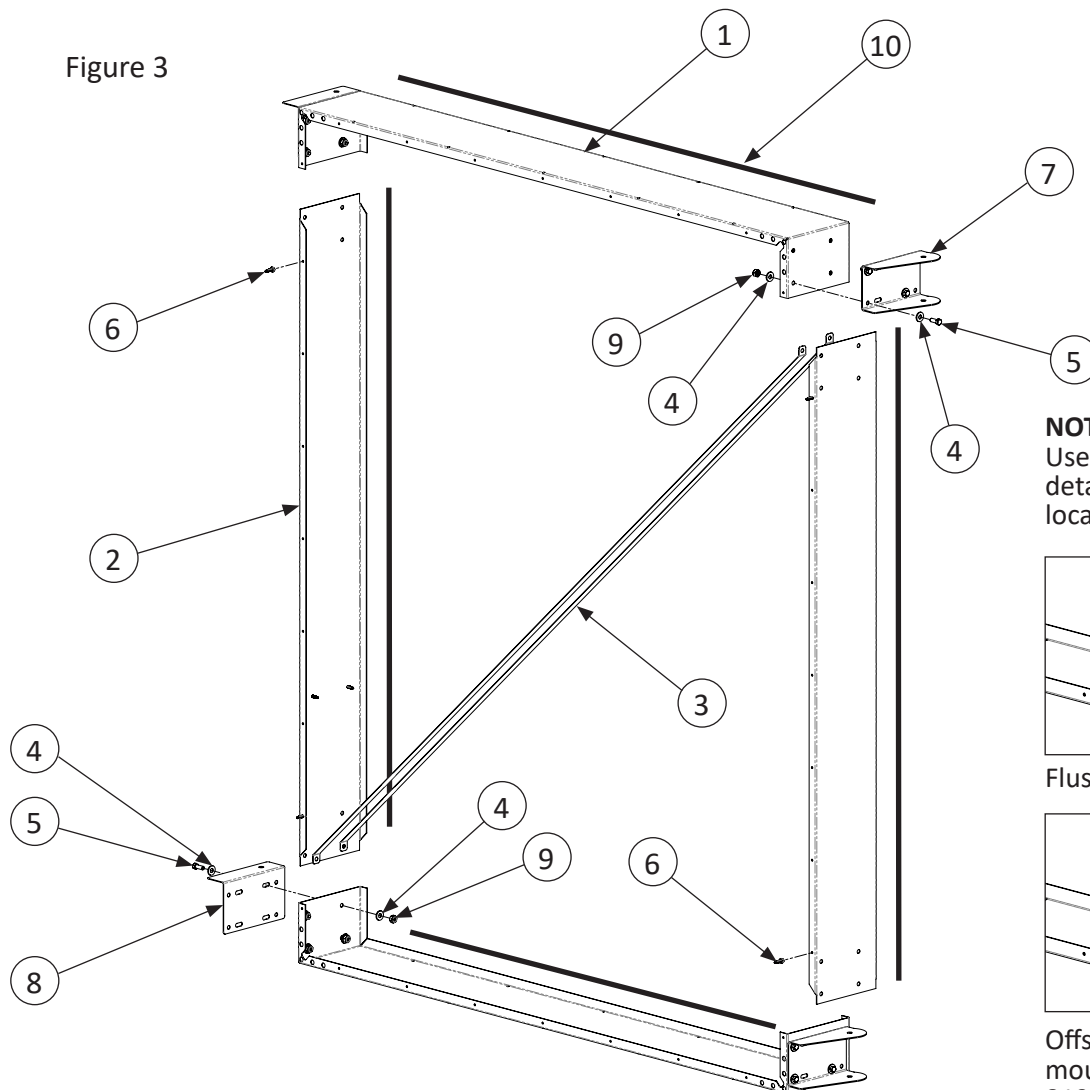
Figure 2



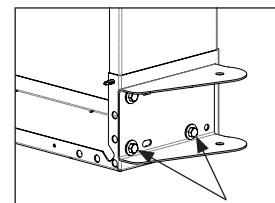
Step 2: Assemble extension panels using the hardware supplied, as shown in Figure 3 below.

Step 3: Adhere weather stripping to all four faces of assembly that will contact wall, as shown in Figure 3.

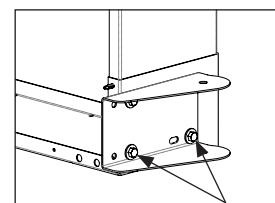
Figure 3



NOTE:
Use holes specified in detail views below to locate fasteners.



Flush mount



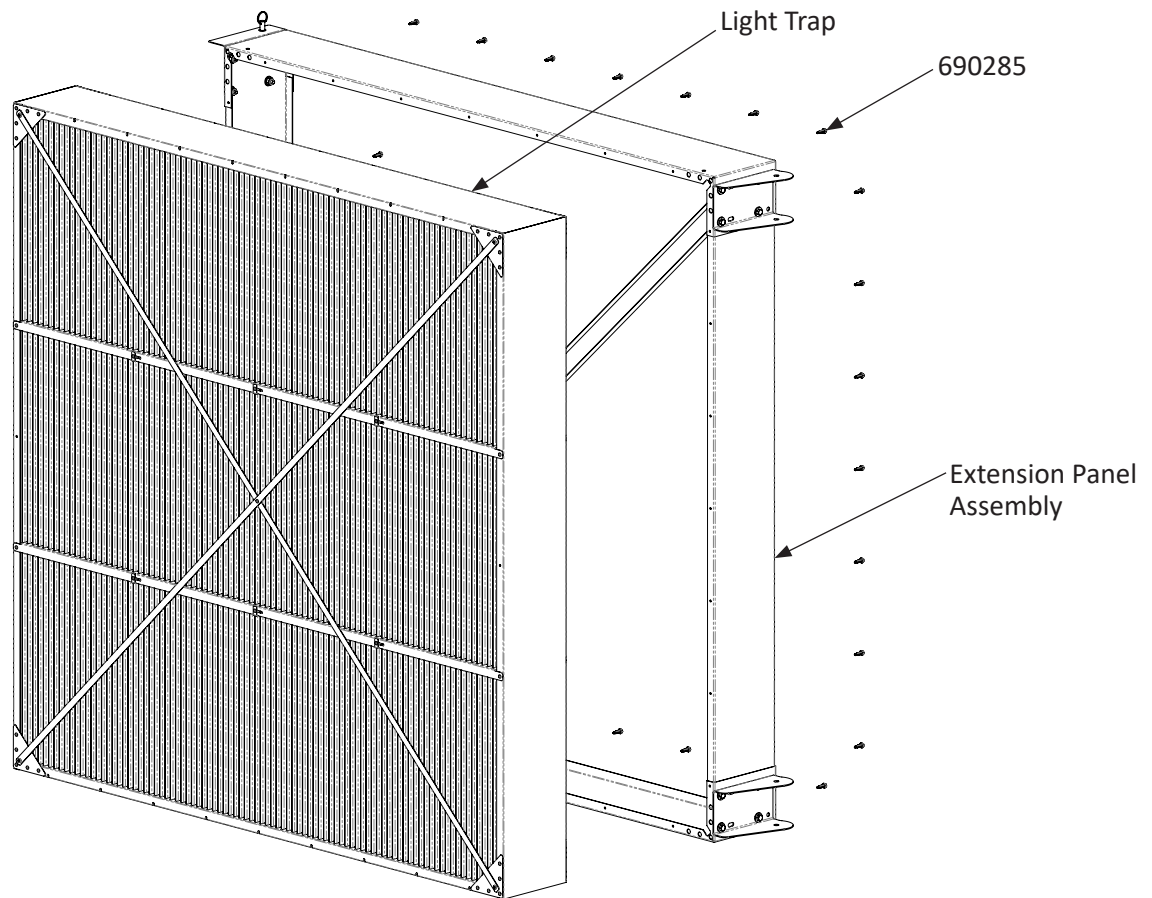
Offset mount for 2x6 mounting. Also applies to 819004 locking bracket.

KEY	819000 72" X 72"	819010 60" X 60"	819020 48" X 48"	DESCRIPTION
819000, 819010 & 819020 LIGHT TRAP EXTENSIONS: UNIQUE PARTS				
1	819001	819011	819021	TOP & BOTTOM EXTENSION PANEL
2	819002	819012	819022	SIDE EXTENSION PANEL
3	819008	819018	819028	REINFORCEMENT STRAP
ALL LIGHT TRAP EXTENSIONS: COMMON HARDWARE COMPONENTS				
4	010430			3/8" FLAT WASHER
5	010664			3/8" X 1" HEX HEAD BOLT
6	690285			1/4-14 X 1" TEK SCREW
7	819003			HINGE BRACKET
8	819004			LOCKING BRACKET
9	936054			3/8-16 NYLOC NUT
10	954044			1" X .25" THICK FOAM TAPE



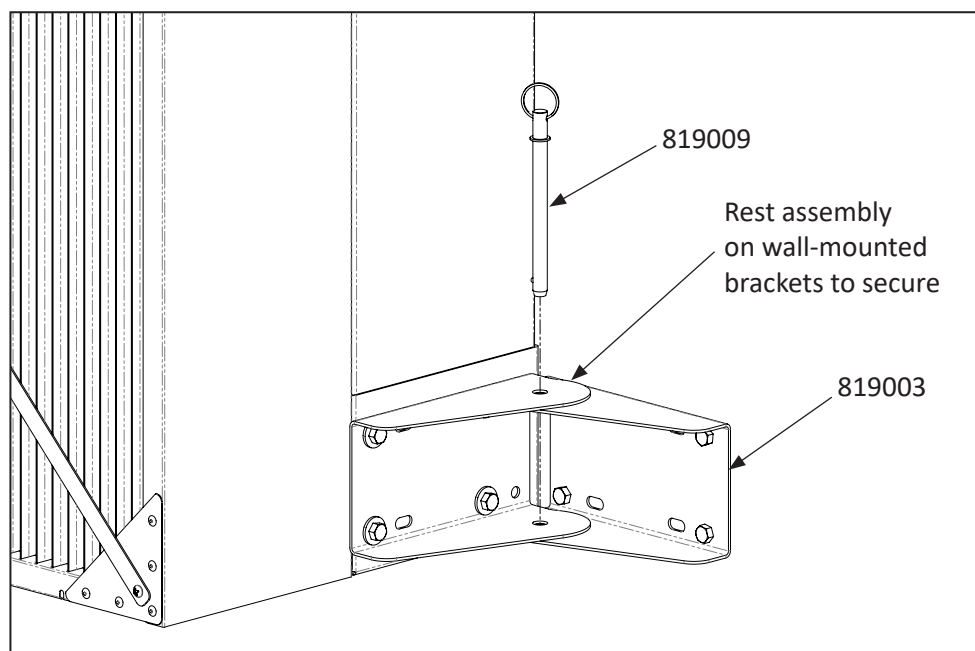
Step 4: Connect extension panel assembly to light trap, using 690285 Tek screws, as shown in Figure 4. Use pilot holes in extension panels as a guide to install screws.

Figure 4



Step 5: Lift light trap assembly onto wall-mounted 819003 brackets and secure using (2) 819009 quick release pins (0.5" diameter, 5" long), as shown in Figure 5.

Figure 5



Step 6: Swing light trap door closed flush against the wall, as shown in Figure 6. Line (2) 819006 brackets up with (2) 819004 brackets on light trap and fasten to wall using 3/8" fasteners, as shown in Figure 7. Insert (2) 819007 pins through brackets to secure light trap to wall, and install (1) 300026 handle on side extension panel at a convenient location using (2) 690285 Tek screws, as shown in Figure 7.

Figure 6

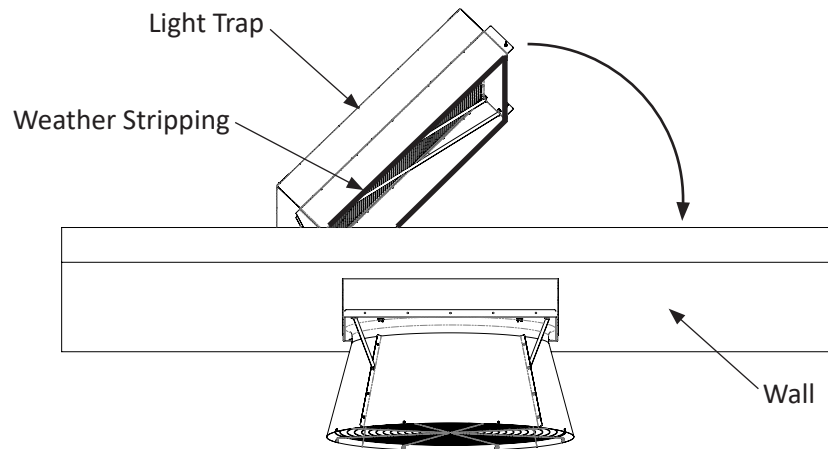


Figure 7

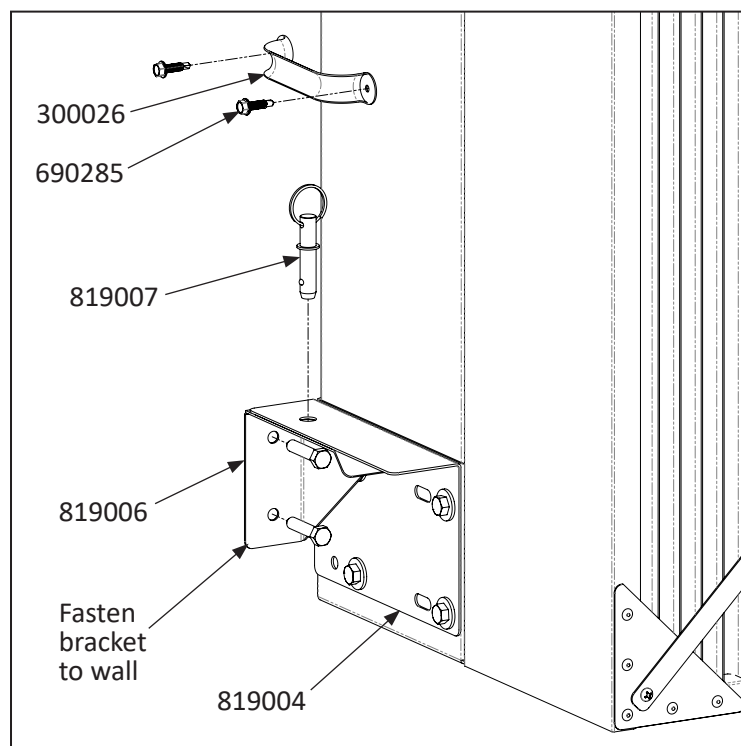
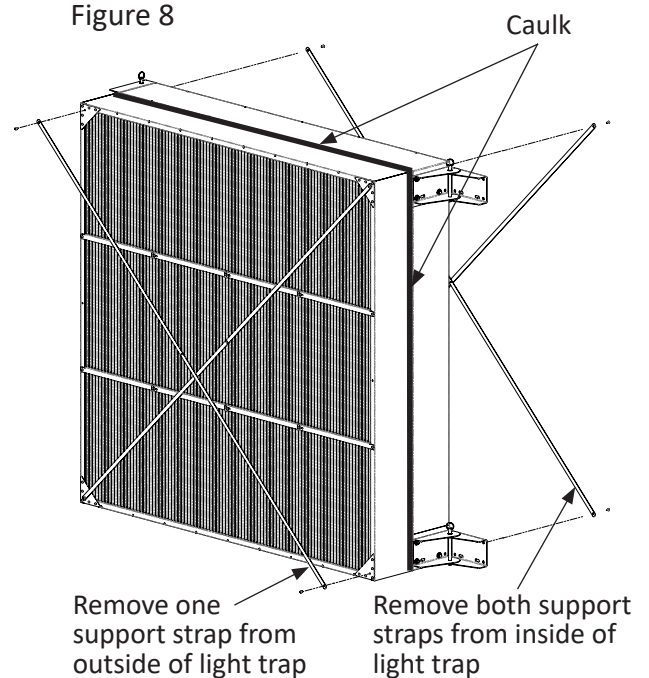


Figure 8

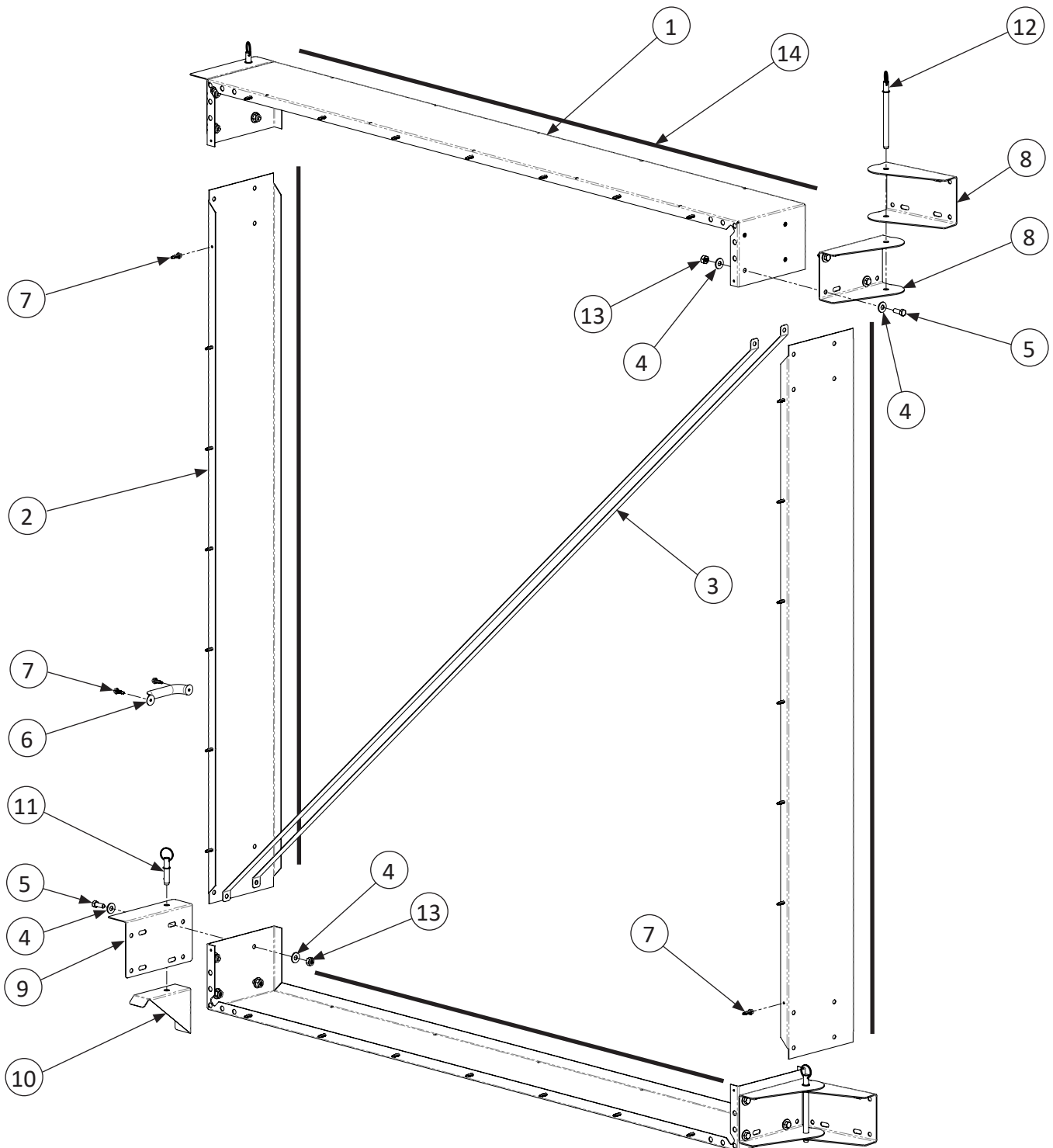


Step 7: Apply black or gray caulk to all four seams between light trap and extension assembly to prevent light from entering barn, as shown in Figure 8.

Step 8: Remove both support straps from inside of light trap, as shown in Figure 8.

Step 9: Remove one support strap from outside of light trap that extends from the top left corner to the bottom right corner, but leave the strap which extends from the bottom left corner to the top right corner attached, as shown in Figure 8. This completes the installation.

819000, 819010 & 819020 Light Trap Extensions: Exploded View



819000, 819010 & 819020 Light Trap Extensions: Parts List

KEY	819000 72" X 72"	819010 60" X 60"	819020 48" X 48"	QTY	DESCRIPTION
819000, 819010 & 819020 LIGHT TRAP EXTENSIONS: UNIQUE PARTS					
1	819001	819011	819021	2	TOP & BOTTOM EXTENSION PANEL
2	819002	819012	819022	2	SIDE EXTENSION PANEL
3	819008	819018	819028	2	REINFORCEMENT STRAP
ALL LIGHT TRAP EXTENSIONS: COMMON HARDWARE COMPONENTS					
4	010430			24	3/8" FLAT WASHER
5	010664			16	3/8" X 1" HEX HEAD BOLT
6	300026			1	LID HANDLE
7	690285			30	1/4-14 X 1" TEK SCREW
8	819003			4	HINGE BRACKET
9	819004			2	LOCKING BRACKET
10	819006			2	LOCKING WALL BRACKET
11	819007			2	QUICK RELEASE PIN, Ø .5" X 1" LONG
12	819009			2	QUICK RELEASE PIN, Ø .5" X 5" LONG
13	936054			16	3/8-16 NYLOC NUT
ALL LIGHT TRAP EXTENSIONS: 954044 FOAM TAPE (PER FT.)					
14	24 FT.	20 FT.	16 FT.	PER FT.	1" X .25" THICK FOAM TAPE

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