

Completed Installation

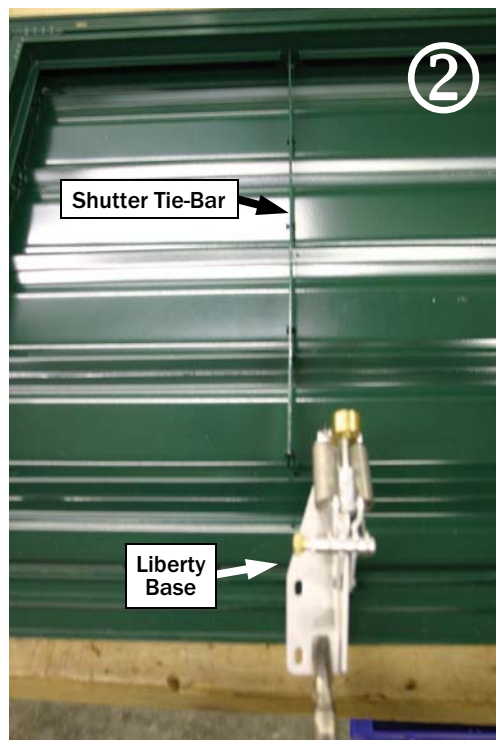
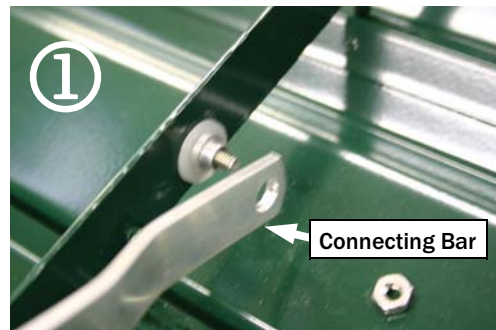
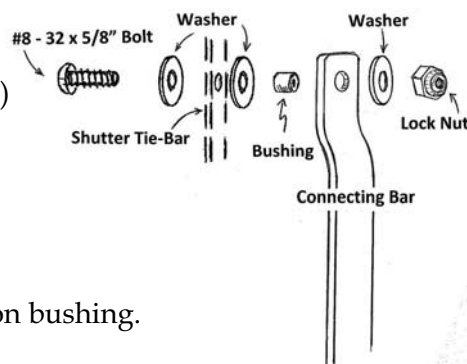
## Installation Instructions Solar-Powered Shutter Kit

**#C3534** ( Fits one 16", 20", 24"  
or 30" Shutter #C3212 )

( For one Liberty Solar-Powered  
Control #C3533 )

### PARTS LIST

- 1 - Connecting Bar
- 1 - #8 x 5/8" Bolt
- 3 - Washers
- 1 - Bushing
- 1 - #8 LocNut
- 2 - 1/4 x 3/4" Bolts
- 2 - 1/4 x 11 mm Nuts
- 1 - Instructions



### 1. Install Connecting Bar (photo 1)

- a. Place washer on #8 bolt.
- b. Insert bolt through existing hole in shutter tie-bar from left side.
- c. Place washer on bolt.
- d. Place bushing on bolt.
- e. Place "bent" end of Connecting Bar on bushing.
- f. Place washer on bolt.
- g. Secure assembly with nut on the bolt.
- h. Remove brass bolt from Liberty base.
- i. Position Connecting Bar over the hole and replace the brass bolt.

### 2. Install Liberty base assembly on shutter

- a. Align Liberty base: Left side of base should line up with shutter tie-rod. (photo 2)
- b. Drill a 1/4" hole in base between the two existing holes. (photo 3)
- c. Align Liberty base on bottom flange of shutter and drill two 1/4" mounting holes in shutter flange. (photo 4)
- d. Bolt Liberty base to shutter with the stainless steel bolts and nuts.

### 3. Install Liberty Power Tube

- a. Cool the Power Tube in a refrigerator for 30 minutes. Press rod back into cylinder.
- b. Carefully align power tube and twist to thread into base.
- c. Thread about 1/2 way into base.
- d. After shutter has been installed, adjust the Liberty power tube until it starts opening the shutter at about 60° F, or any starting temperature between 60° F and 77° F.



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