



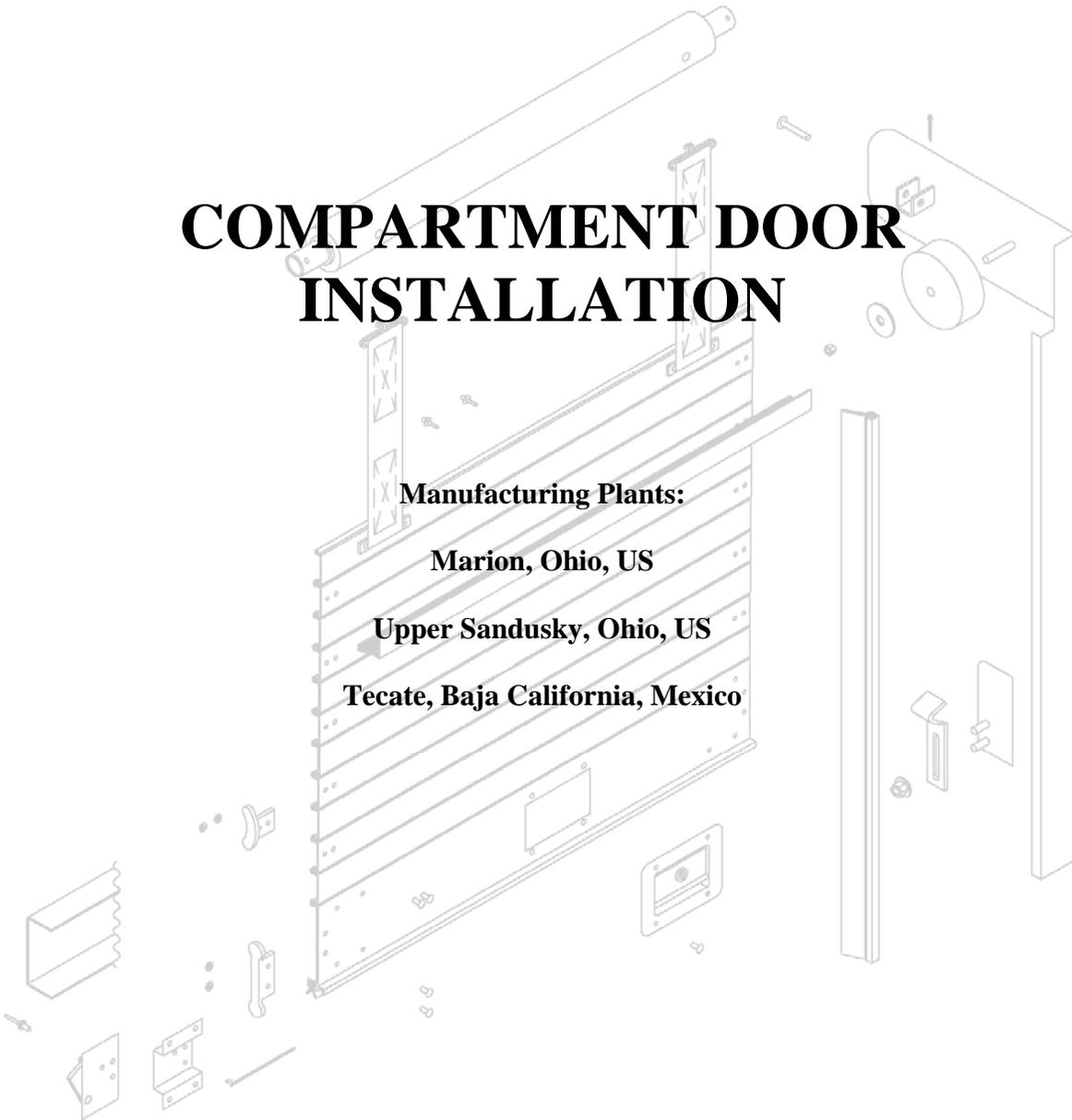
COMPARTMENT DOOR INSTALLATION

Manufacturing Plants:

Marion, Ohio, US

Upper Sandusky, Ohio, US

Tecate, Baja California, Mexico



THESE INSTRUCTIONS COVER THE INSTALLATION OF THE COMPARTMENT DOOR ONLY.



INSTALLATION INSTRUCTIONS

If this is your first installation or you experience some difficulty during the installation, please call your local TODCO representative or plant.

TOOLS YOU WILL NEED:

- Tape Measure
- Drill
- Pliers
- Pop Rivet Tool
- 1/2" Wrench

IMPORTANT

Read each step entirely before proceeding with the installation.

METHOD A

STEP 1: SHIPMENT INSPECTION: If a standard door was ordered, check the door parts to make sure you have received all needed items. Note any shortages or damages on delivery receipt, as we cannot be responsible for parts lost or damaged in shipment. Fig. 1.

1. Complete door w/ lock
2. Set of vertical tracks
3. Counterbalance
4. Header & top seal
5. Pop rivet pack

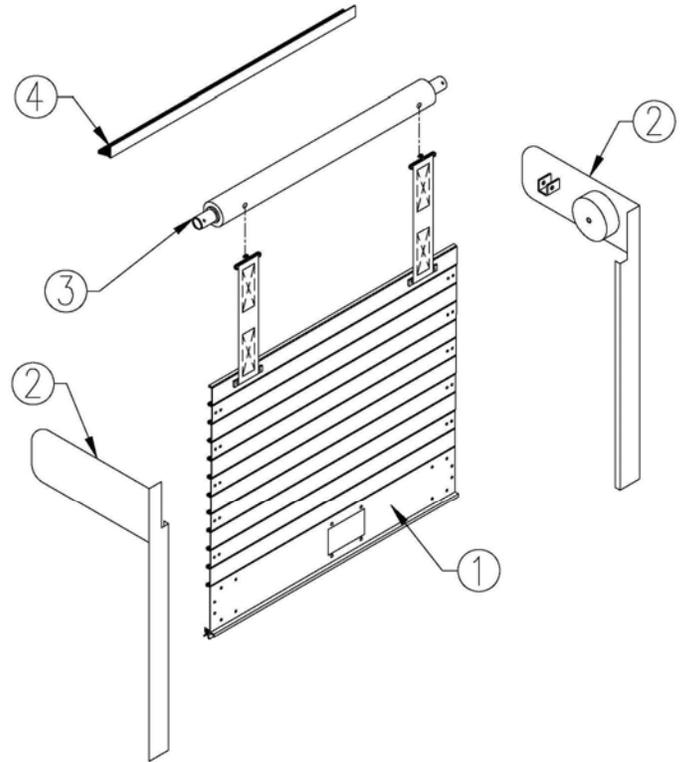


FIG. 1

STEP 2: HEADROOM CLEARANCE: Measure head room to be sure there is sufficient room for the door & counterbalance. Use the chart in figure 2 to determine the required headroom for your particular application.

FIG. 2

Opening Height	Header Height	Compartment Depth
Up to 40"	5" Min	12" Min. Inside
41" to 70"	7" Min	12" Min. Inside
71" to 90"	9" Min	12" Min. Inside

STEP 3: SIDE-ROOM CLEARANCE: The *minimum* side-room clearance is 1 1/2" on each side from the post (opening) to the wall (TODCO standard is 2" side-room).

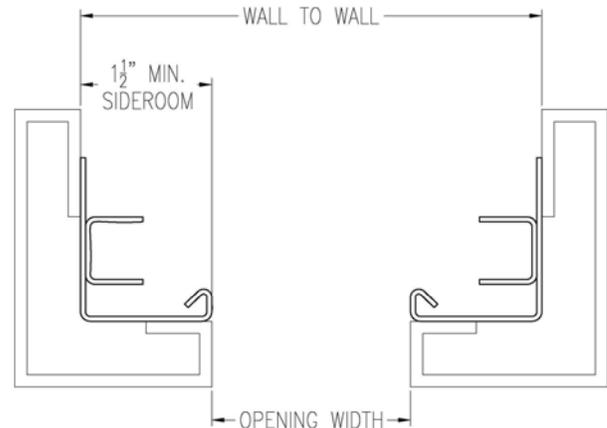


FIG. 3

STEP 4: MEASURING DOOR OPENING: Because each TODCO door is custom made, it is necessary to check the opening measurement. These measurements must be finished opening width & height. By "finished" we mean there must be the header and side room clearance mentioned in previous steps to insure proper sealing.

STEP 5: VERTICAL TRACK INSTALLATION: Before installing vertical tracks remove the wheels from the head plates. Position vertical tracks on corner posts as shown in Fig. 3 and clamp in place. Notch in mounting angle (side seal retaining flange) should line up with the bottom of header.

Make sure the mounting angle is flush with the inside edge of the rear corner posts all the way up and down, Fig. 3. Before fastening, make a diagonal measurement (corner to corner) to be sure the vertical angles are square with the sill. Once verticals are in, install header seal, Fig 4.

STEP 6: DOOR INSTALLATION: Slide door down into the vertical track. Push down and lock into position. The striker plates on the vertical track assembly may need to be adjusted at this time. Now reinstall the wheels that were removed in the previous step. Once the wheels are in place the counterbalance can be dropped into the U-shaped brackets (be sure red end of counterbalance shaft goes into the red bracket). Use the clevis pins and cotter pins to secure the counterbalance to the head plate. When the counterbalance is in place the counterbalance can be wound in the direction shown on the sticker. To achieve the correct number of winds, take the opening height divided by 7.5 and add 3.

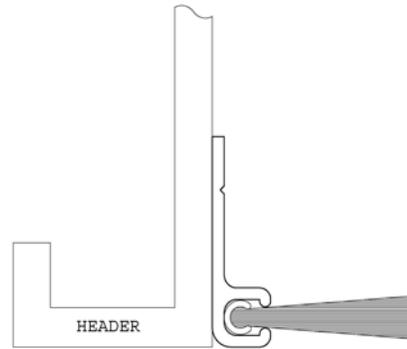


FIG. 4

Example: opening height of 36": $36 / 7.5 = 4.8 + 3 = 7.8$ or 8 winds.

When the correct number of winds is achieved, fasten the straps on the door into the holes in the counterbalance tube. Release the tube slowly until all of the slack is taken up in straps.

YOUR INSTALLATION IS NOW COMPLETE and you should have years of trouble-free service. If you have any problems during the installation, call your nearest TODCO representative or plant.

METHOD B

This installation is for compartment doors that are too small for a person to be inside the compartment.

For this installation follow STEPS 1 – 5.

STEP 6: DOOR INSTALLATION: Place door inside compartment. Start bottom panel down in vertical track making sure the door is over the counterbalance bracket and the stud for the wheel. With just the bottom panel down in the vertical tracks reinstall the wheels. This will help keep the door from falling out.

STEP 7: COUNTERBALANCE INSTALLATION: Once the wheels are reinstalled the counterbalance can be dropped in the U-shaped brackets (be sure the red end of the counterbalance shaft goes into the red bracket). Use the clevis pins and cotter pins to secure the counterbalance to the head plate. Now the counterbalance can be wound in the direction shown on the sticker. With the counterbalance wound attach the straps on the door to the holes in the counterbalance tube. Now slowly allow the door to coil up on the tube.

Important: Extreme caution must be taken as the counterbalance spring is under tension.

TODCO RESERVES THE RIGHT TO CHANGE PRODUCT SPECIFICATIONS AT ANY TIME WITHOUT NOTICE



1332 Fairground Rd. E.
Marion, Ohio 43302
(740) 383-6376
www.TODCO.com