

#8 Lock Bar Assembly Instructions

IMPORTANT:

If your door is already attached to an automatic garage door opener and/or operational, be sure to disengage the opener and place a C-clamp in the track just above one of the rollers before beginning work. This will keep the door from moving while you are working on the lock. If your door is going to be equipped with an automatic garage door opener, make sure that the door is always unlocked when the operator is being used. This will avoid damage to the door.

NOTE: Steps L1 through L7 should be performed while section #2 is on the sawhorses. The lock bars (Steps L8 through L12) are to be installed after the door and all other hardware are in place.

Step L1: Locate the stile with the numbered knockout tabs. This is the lock stile. Use a flat head screw driver and a hammer to strike the appropriate tabs for the lock included with your door (FIG. 1).

NOTE: Be sure to support the section from underneath prior to removing knockouts.

If lock holes and a lock stile with knockouts are not already present, you must drill them manually according to the template given in FIG. 2. The lock must be located on the stile nearest to the center of the door. When the sections are stacked, the centerline must be aligned vertically with the rectangular lock slots in the vertical track. To do this, measure the distance from the bottom of the vertical track to the bottommost lock slot. Subtract from this distance the height of the bottom door section. This will give you the distance from the bottom of the lock section to centerline of the hole pattern.

NOTE: All holes must be drilled from the outside through the door with a sharp hole saw to ensure a clean cut. Use care to prevent damaging the door.

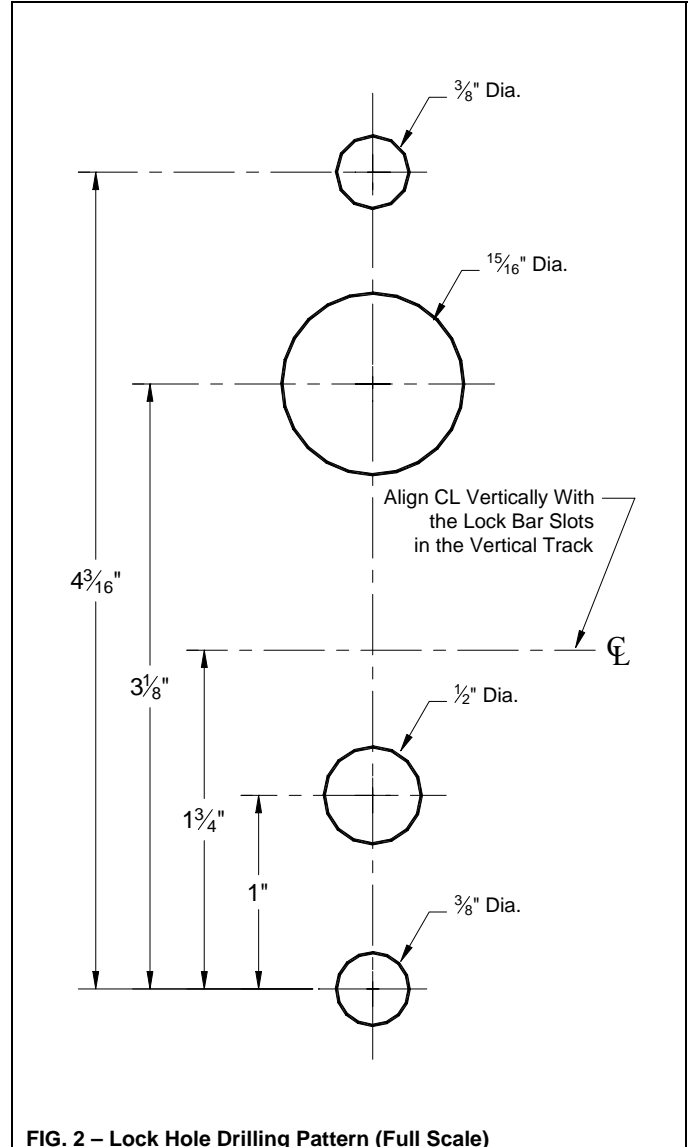


FIG. 2 - Lock Hole Drilling Pattern (Full Scale)

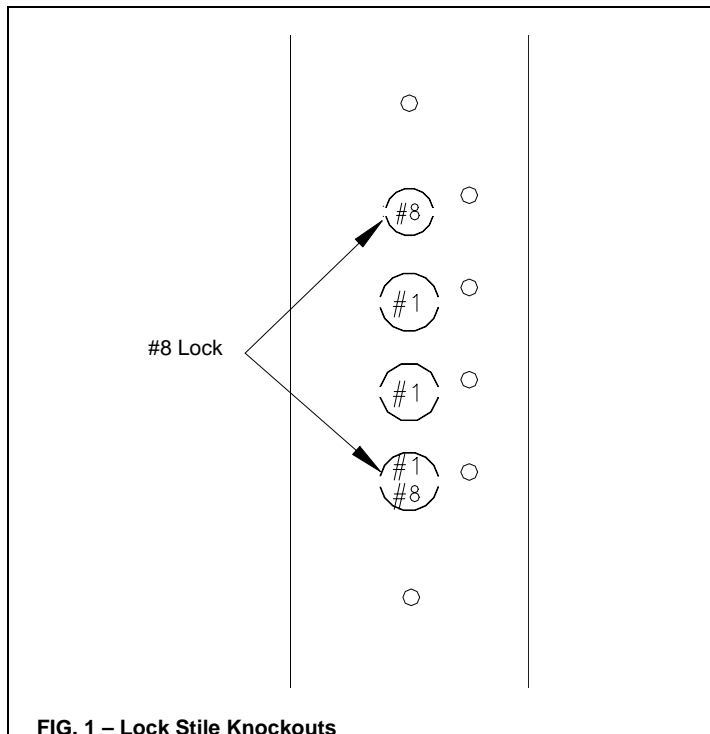


FIG. 1 - Lock Stile Knockouts

Step L2: Insert the spacer tubes from the outside face of the door into the top and bottom predrilled holes by slightly squeezing the tubes onto themselves.

Step L3: Insert the handle from the outside face making sure that the keyhole is at the top.

Step L4: Attach one of the 1-3/8" Phillips head screws into the top emboss. Thread it two or three turns. **DO NOT** tighten against the stile.

Step L5: Gently slide the lock box underneath the screw from Step L4. Insert the square shaft and the rectangular shaft into their appropriate holes. Make sure the handle is pointed to 3 o'clock.

IMPORTANT: Make sure that the lock is NOT engaged. To be sure, look at the horizontal bar coming out of the lock box. The end with the bend should be the longer piece sticking out of the side of the lock case.

Step L6: Tighten the top screw and insert the other 1-3/8" Phillips screw into the small loop of the helper spring, making sure that the small loop lays flat against the lock box when tightened. Snug up both screws.

Step L7: Place the plastic cap over the tab sticking out of the lock box.

Return to Step 9 in the MANUAL and finish installing the door before proceeding to Step L8.

Step L8: Once the door is completely assembled, slide an equal number of lock bar guides on each lock bar and line up each bar with the slot in the vertical track. Attach one lock bar guide to each end stile using (2) #14 x 5/8" sheet metal screws. If your door is over 10 feet wide, space the other two lock bar guides equally over the other center stiles and attach each with (2) #14 x 5/8" sheet metal screws.

Step L9: Attach the left-hand lock bar to the horizontal bar of the lock box. Make sure that the lock bar is on top of the horizontal bar. Attach using the shoulder bolt being inserted in from the backside (FIG 1).

Step L10: Attach the right-hand lock bar to the diagonal member sticking out of the bottom of the lock box. Make sure that the lock bar is behind the diagonal bar. Attach using the shoulder bolt and nut being inserted in from the backside.

Step L11: Attach the helper spring to the right hand lock bar from behind.

Step L12: Adjust the lock bar guides so that the lock bars enter the lock holes in the track at both sides of the door. Tighten down each lock bar guide with two #14 x 5/8" sheet metal screws.

NOTE: It may be necessary to knock out the slug in the vertical track to open the slot for lock engagement. Remove slug by striking with a hammer from the outside of the track.

Return to step 13 in the MANUAL and complete installation of the door.

PARTS LIST

No.	Qty.	Description
1	1	Handle
2	2	Spacer Tubes
3	2	Lock Bar
4	2	Phillips Head Screw
5	1	Plastic Cap
6	1	Lock Box
7	1	Spring
8	2	#12 x 24 Bolt and Nut

