



TSB-QLM-Bolting-Shut-the-Bay-Door

 Sayali Kothari
Contractor

a QLM bay door shut	Bulletin Number:
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Description: This TSB provides all the information necessary to permanently bolt the QLM bay door closed on a Redbox machine.

Parts Required:



Diagram 1.0

Parts Information

Part Number	Description	Quantity	Notes
Carriage Bolts	5/16" – 1 1/4	4	Square-neck.
Flat Washers	5/16"	4	
Locknuts	5/16"	4	With nylon insert.

Description: Tools required for bolting the QLM bay door shut.



Diagram 1.1

Required Tools

Tool	Description	Quantity	Notes
Drill		1	
Drill Bits	Sizes 3/32" and 1/4"	1 each	
Letter Drill Bit	Size X	1	Can be replaced with 25/64" drill bit (not pictured)
Template	For measuring pilot holes.	1	
Metal Punch		1	
Socket Wrench	Size 1/2"	1	

Installation Procedure:



Diagram 1.2



Diagram 1.3

1. Place the template against the left edge of the outside of the LM door as shown as Diagram 1.3.
2. Using the Metal Punch, punch out the centers of the 2 template holes, as shown in Diagrams 1.4 and 1.5.



Diagram 1.4



Diagram 1.5

3. Reposition the template against the right edge of the QLM door and punch out the 2 holes again as described in Step 2.

4. Check around the area to be drilled on the interior side of the QLM door, ensuring there are no wires or kiosk components nearby that may get tangled while drilling the holes or installing the bolts.

5. Drill the 4 holes on the front panel of the QLM door with a 3/32" size bit as shown in Diagram 1.6. Once the head of the drill bit is through the metal, continue advancing the drill straight on into the hole until the bit touches the metal on the interior frame of the QLM door. Score off the paint on the metal with the bit to mark it for drilling in Step 6.

6. Open the QLM door and drill the marked holes into the interior frame of the QLM door with the same 3/32" bit, as shown in Diagram 1.7. **Do NOT drill into the white painted metal of the QLM bay itself!**



Diagram 1.6

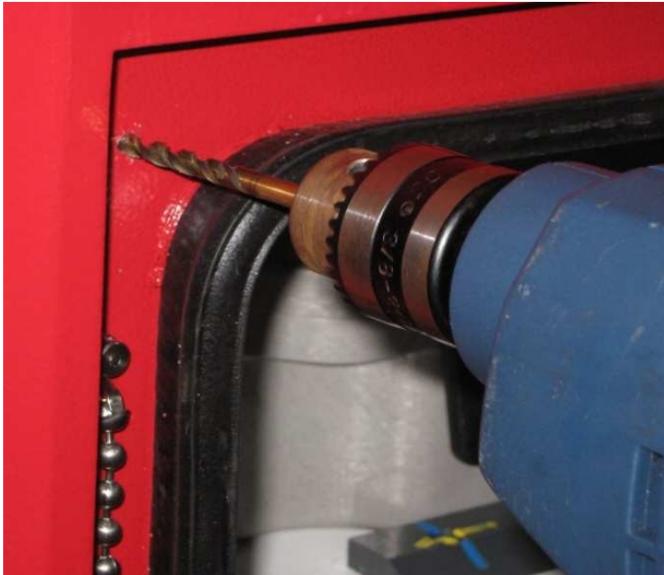


Diagram 1.7

7. Redrill all the holes you previously made with the larger $\frac{1}{4}$ " size bit as shown in Diagram 1.8, following the same guidelines as used in Steps 5 and 6 above.

8. Using the Letter Size X drill bit (or a 25/64" bit), redrill the holes ONLY on the exterior of the vend door. The outside holes need to be just large enough for the square neck of the carriage bolt to fit through snugly, so that the neck grips the edges of the hole and prevents the bolt from turning.

9. Insert the bolts through the holes from the exterior side of the vend door, as shown in Diagram 1.9.



Diagram 1.8

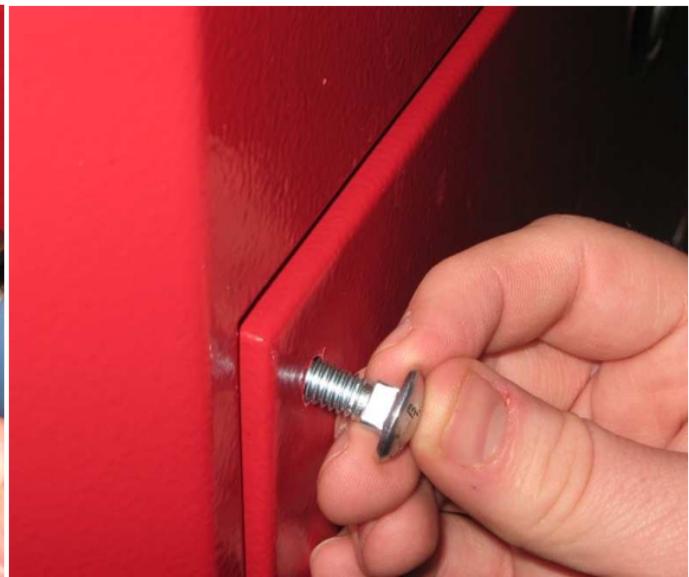


Diagram 1.9

10. Thread a washer and lock nut over each bolt as shown in Diagram 1.10. Tighten securely using a Socket Wrench as shown in Diagram 1.11, making sure that the head of each bolt is flush with the surface of the QLM door.



Diagram 1.10



Diagram 1.11

Description: End Result.



Diagram 1.12: QLM door permanently secured with 4 bolts.



Diagram 1.13: Inside view of QLM door with bolts installed.

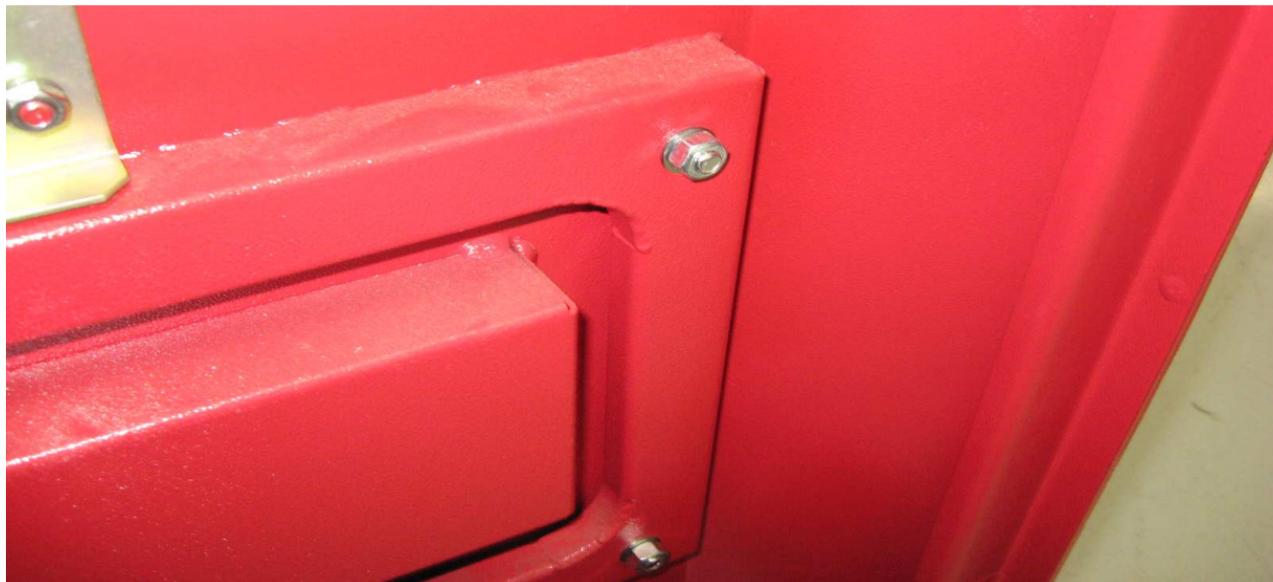


Diagram 1.14: Close-up interior view of installed bolts.

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