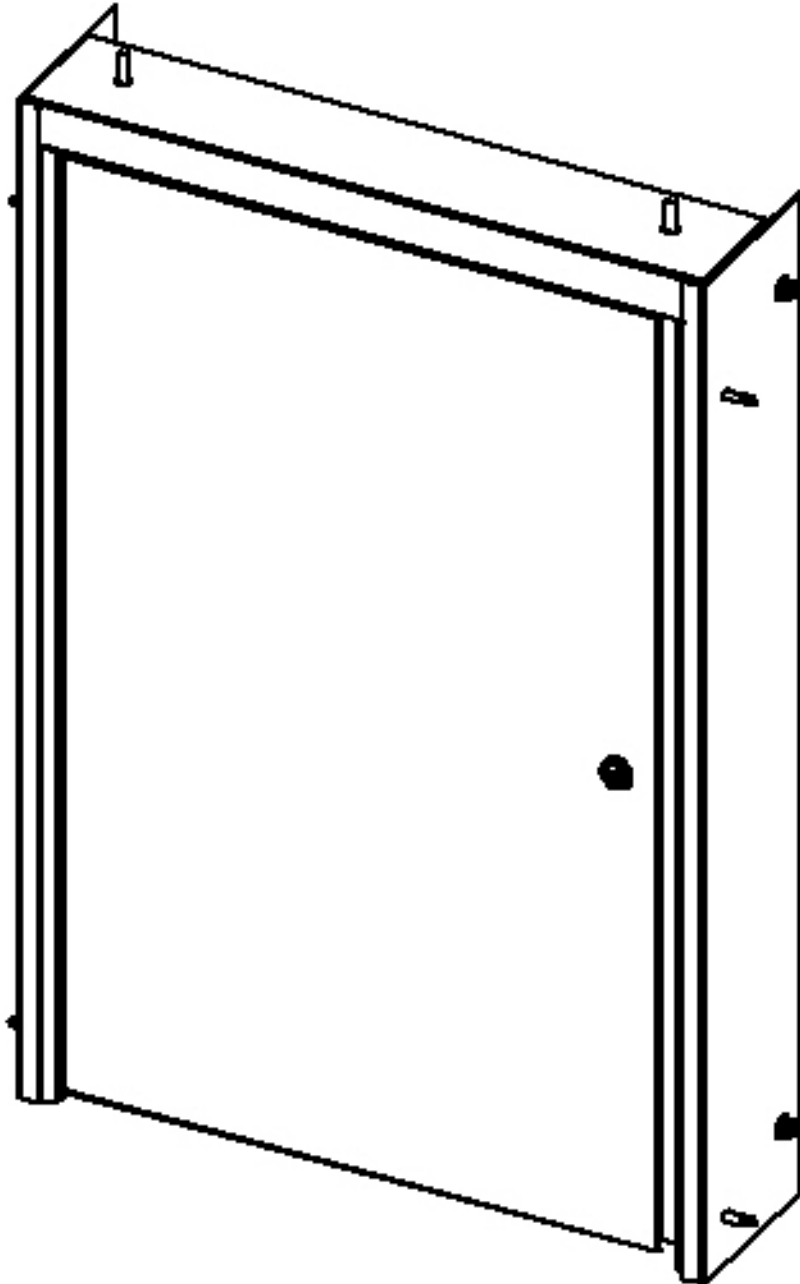


Cart Garage Frame Assembly and Installation



Installing the Cart Garage Frame and Flush Door



General Information:

The following provides step-by-step instructions for assembling and installing the Automotive Cart Garage Frame and Door under a work surface. The finished assembly will consist of the following:

Frame Weldment, Door outer panel, door inner panel, lock with spring clip, hinges, door stops and mounting hardware

When received, door assembly and installation will be required for the Cart Garage Frame.

Before Installation:

Before you begin installing the Cart Garage Frame and Door read through the entire assembly instructions to familiarize yourself with the assembly/installation process.

When installing the Automotive Cart Garage Frame and Door it is important to follow the same sequence as described in this manual.

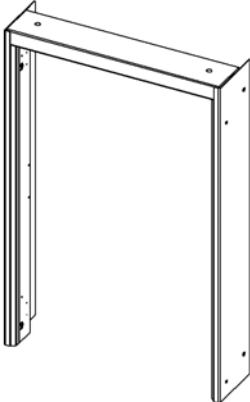
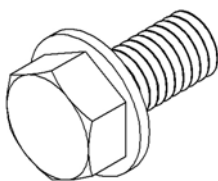

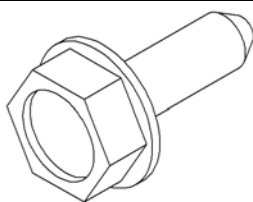
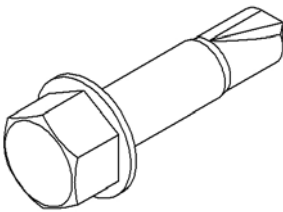
Installing the Cart Garage Frame and Flush Door



Frame Weldment Installation

Tools Required:

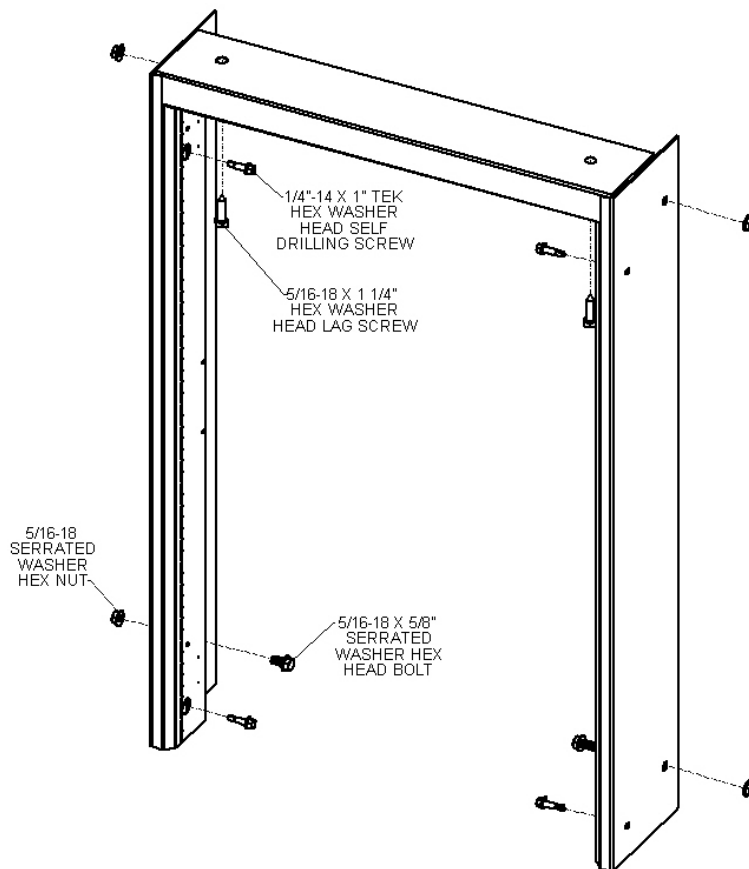
- Drill and 13/64 (0.203") drill bit
- Safety glasses
- 3/8" and 1/2" sockets, open end or adjustable wrenches

Item	Description	Qty.	Picture
1	Cart Garage Frame Weldment	1	
2	5/16-18 x 5/8" Serrated Washer Head Hex Bolt	4	
3	5/16-18 Serrated Washer Head Hex Nut	4	
4	5/16 x 1 1/4" Hex Washer Head Lag Screw	2	
5	1/4"-14 x 1" Tek Hex Washer Head Self Drilling Screw	4	

Installing the Cart Garage Frame and Flush Door



Figure 1



Frame Weldment Installation:

1. Locate Garage Frame under worksurface, between Universal Cabinets, and flush to front of both cabinets
2. Loosely bolt Garage Frame to both adjacent cabinets through rear holes in post on top and bottom using (4) included 5/16-18 x 5/8" serrated washer hex head bolts and (4) included 5/16-18 serrated washer hex nuts with 1/2" socket
3. Mark bottom of work surface through (2) holes in Frame top cover, center punch and drill both holes 3/4" deep using a 13/64 (0.203") drill bit (safety glasses must be worn when drilling)
4. Secure top of Frame to bottom of work surface using (2) included 5/16 x 1 1/4" hex washer head lag screws with 1/2" socket
5. Fully tighten all (4) nuts and bolts installed in Step 2 with 1/2" socket
6. Screw (4) included 1/4"- 14 x 1" Tek hex washer head self drilling screws into both adjacent cabinets through front holes in left and right posts on top and bottom with 3/8" socket (these are self drilling bolts and do not require a pilot hole)

Notes:

- Cart Garage Frame must be mounted between (2) Universal Cabinets, of equal height, and can not be a stand alone or end of a run unit
- Adjacent cabinets must be mounted prior to Garage Frame
- Frame must be bolted to bottom of work surface and both adjacent cabinets

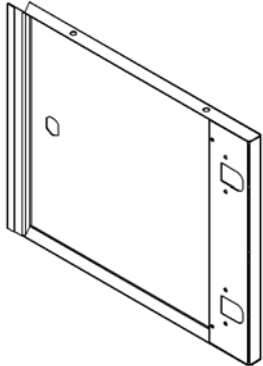
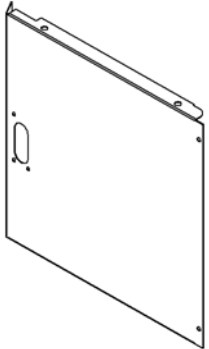
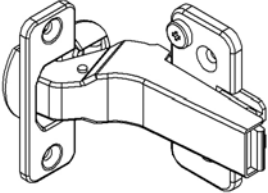
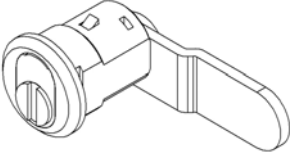

Installing the Cart Garage Frame and Flush Door



Door Assembly:

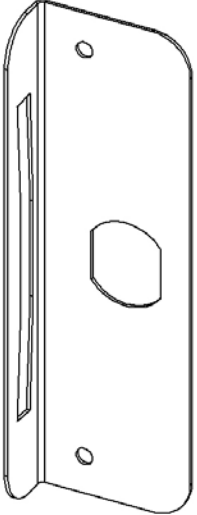

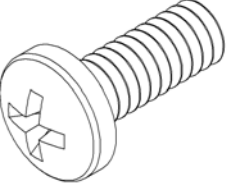
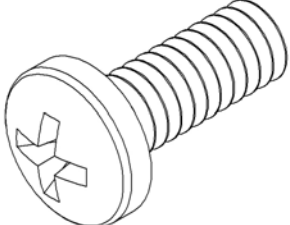
Tools Required:

- #2 Phillips and flat head screwdrivers

Item	Description	Qty.	Picture
1	Door Outer Panel	1	
2	Door Inner Panel	1	
3	Adjustable Inset Style European Door Hinge	2 or 3 (depends on door height)	
4	Interchangeable Core (IC) Lock with Offset Cam	1	
5	Lock Spring Clip	1	

Installing the Cart Garage Frame and Flush Door

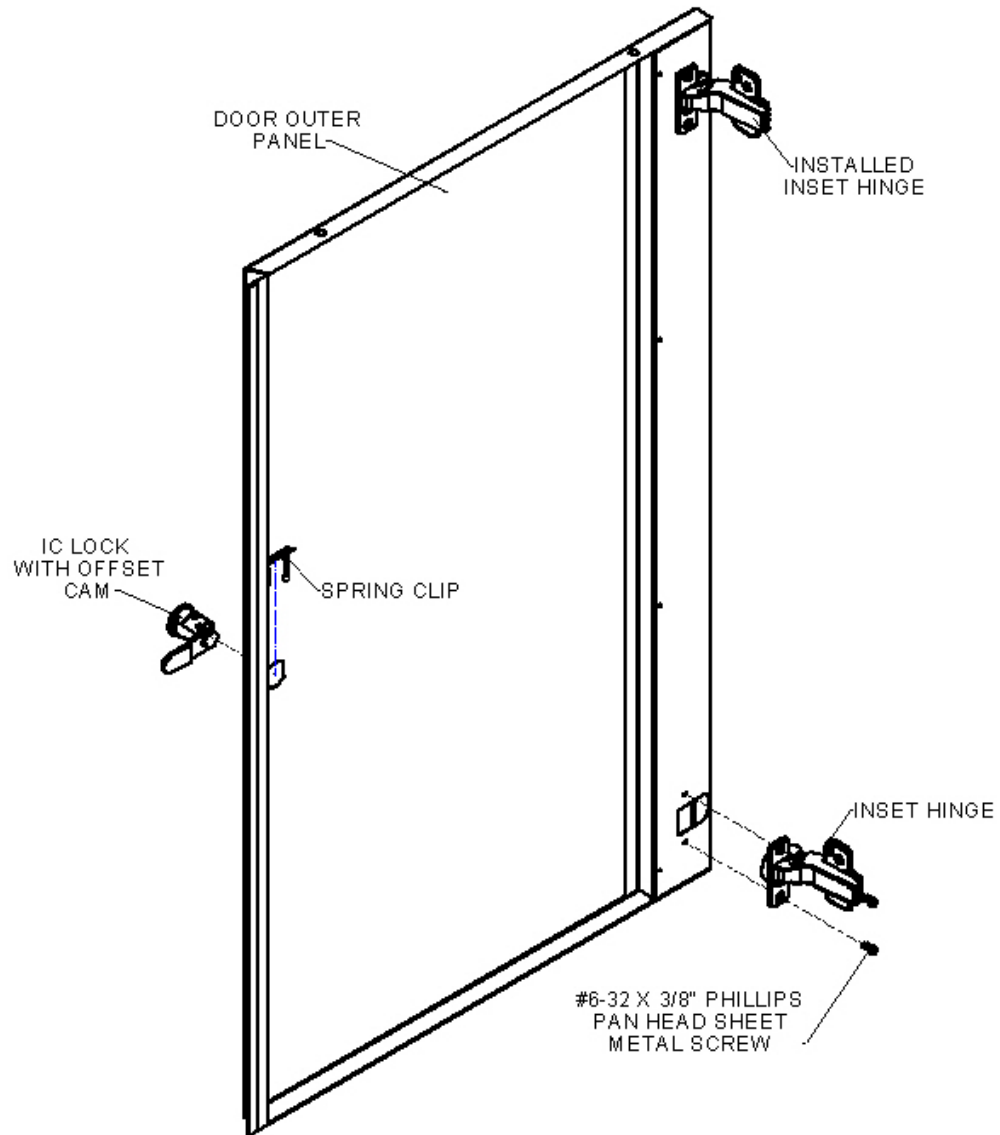


6	Lock Cam Plate	1 (used with lock option)	
7	Lock Cam Cover Plate	1 (used with NO lock option)	
8	#6-32 x 3/8" Phillips Pan Head Sheet Metal Screw	As required	
9	#10-24 x 1/2" Phillips Taptite Pan Head Screw	As required	

Installing the Cart Garage Frame and Flush Door



Figure 2

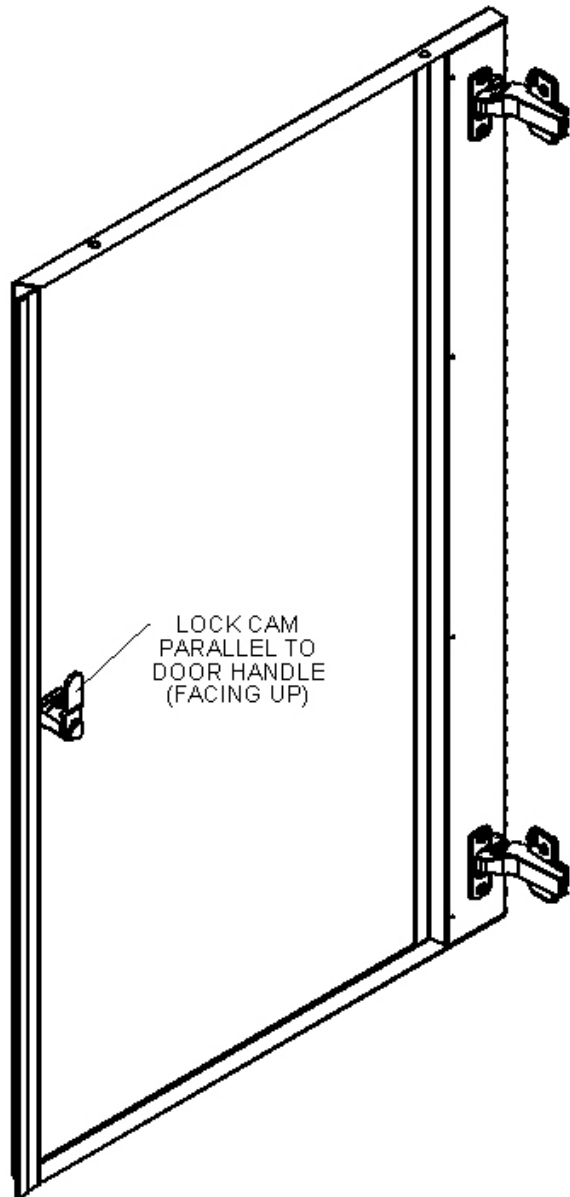


Door Assembly:

1. Screw Door Hinges to hinge cutouts on back side of Outer Door Panel using (2) included #6-32 x 3/8" Phillips Pan Head Sheet Metal Screws per hinge as shown in Figure 2
2. Insert IC Lock with Cam through double-D cutout in front of door located on opposite side of door from hinges
Note: Use key to make sure that when lock is turned the cam sticks out from end of door as shown in Figure 2. If cam faces towards hinges, remove lock, flip lock 180 degrees and re-check position of lock cam.
3. Slide Lock Spring Clip down (orient spring clip as shown) around lock. The clip is used to hold the lock in place. Make sure the Spring Clip is completely pushed into grooves in the lock cylinder. A flat head screwdriver can be used to fully push/snap (2) legs of Spring Clip into lock cylinder grooves.

Installing the Cart Garage Frame and Flush Door

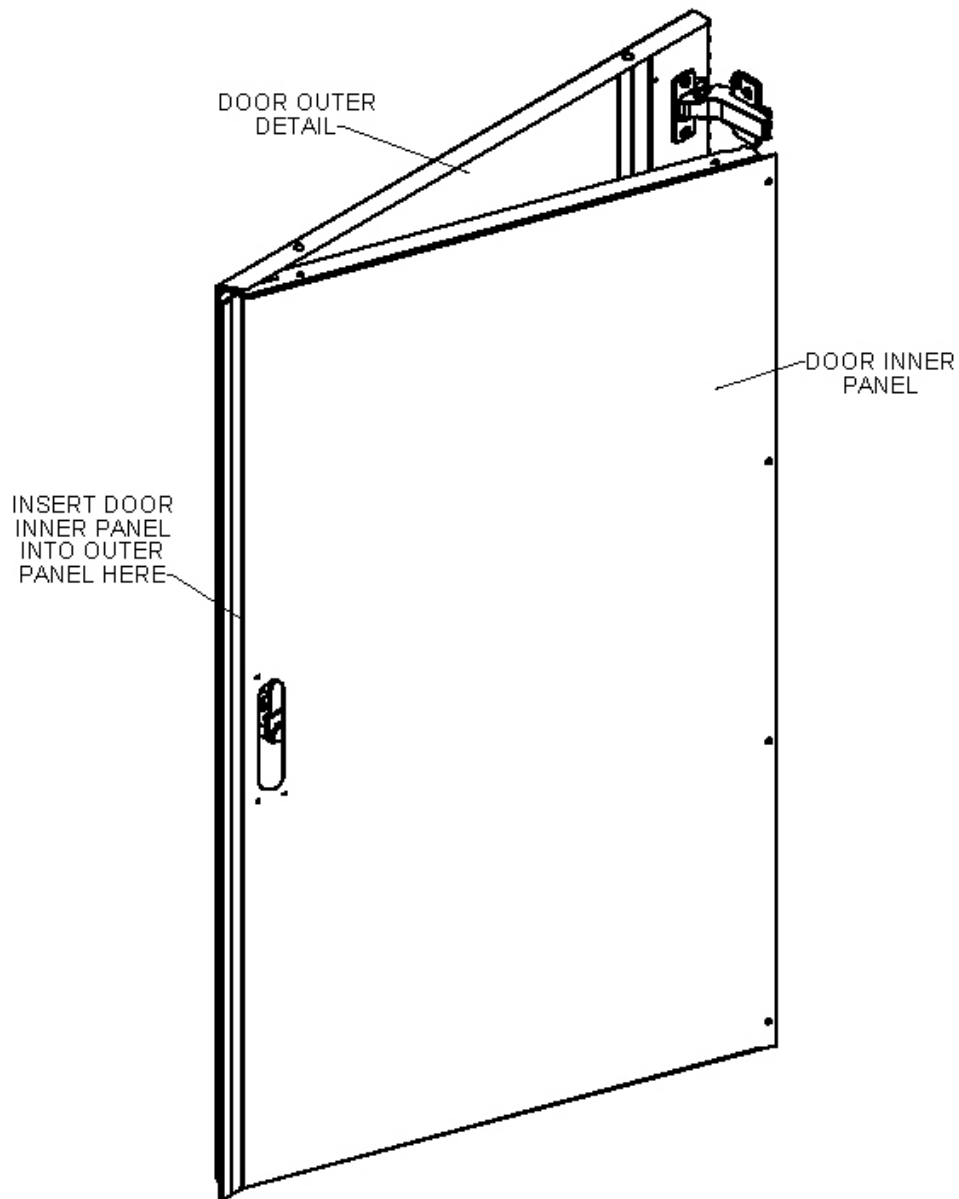
Figure 3



4. Use key to turn lock cam so it faces up, parallel to the door handle, as shown in Figure 3

Installing the Cart Garage Frame and Flush Door

Figure 4

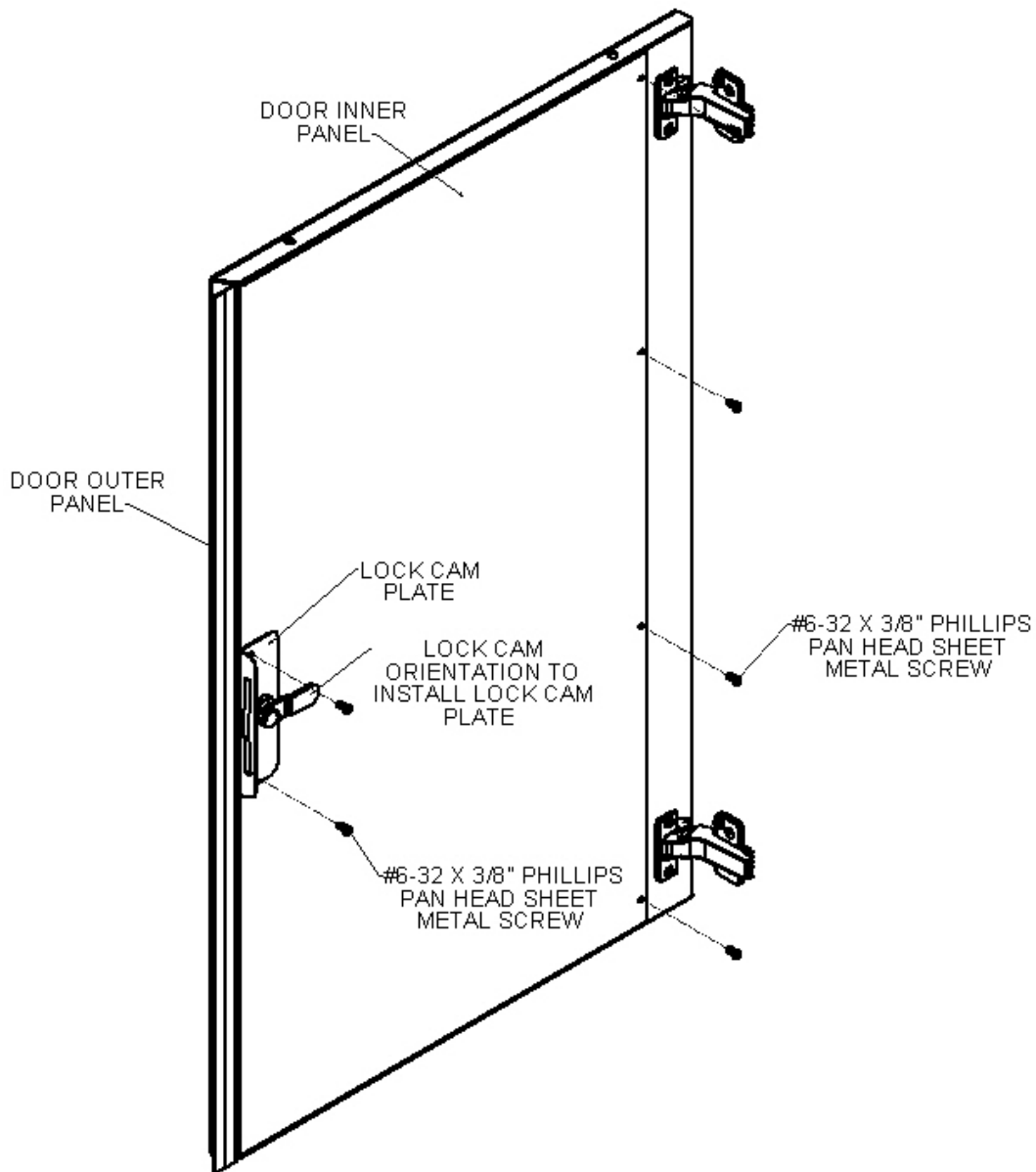


5. Insert angle bend on Door Inner Panel into angle bend on Lock Side of Door Outer Panel as shown in Figure 4
6. Slowly turn Door Inner Panel into Door Outer Panel – obround cutout in Inner Panel fits around lock cam (Inner Panel fits snug inside Outer Panel)

Installing the Cart Garage Frame and Flush Door



Figure 5



7. Screw Door Inner Panel to Door Outer Panel on hinge side using (as required) included #6-32 x 3/ 8” Phillips Pan Head Sheet Metal Screws
8. Use key to turn Lock Cam so it aims towards hinges, perpendicular to the door handle, as shown in Fig 5
9. Slide Lock Cam Plate over Lock Cam (orient Lock Cam Plate as shown in Fig. 5)
10. Screw Lock Cam Plate to Door Inner Panel using (2) included #6-32 x 3/8” Phillips Pan Head Sheet Metal Screws
Note: If using no lock screw Lock Cam Cover Plate, in place of Lock Cam Plate, over obround hole in Door Inner Panel using (2) included #6-32 x 3/8” Phillips Pan Head Sheet Metal Screws

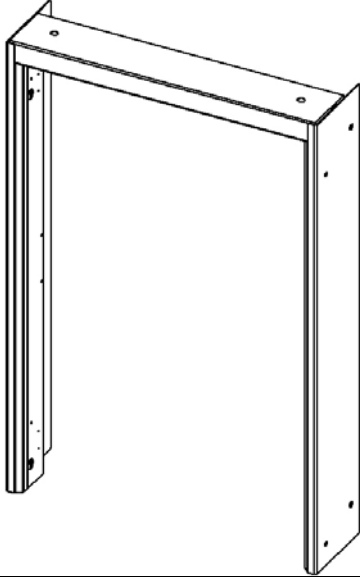
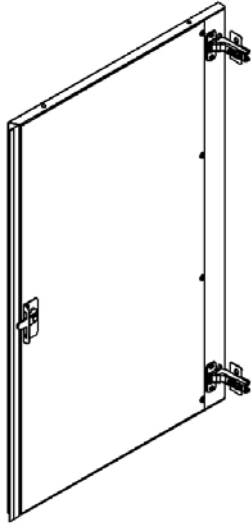
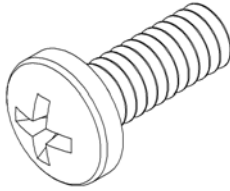
Installing the Cart Garage Frame and Flush Door



Door to Frame Installation:

Tools Required:

- Phillips head screwdriver

Item	Description	Qty.	Picture
1	Installed Cart Garage Frame Weldment	1	
2	Door Assembly	1	
3	#6-32 x 3/8" Phillips Pan Head Sheet Metal Screw	2 per hinge	

Installing the Cart Garage Frame and Flush Door

Figure 6a – Inset Hinge Assembled

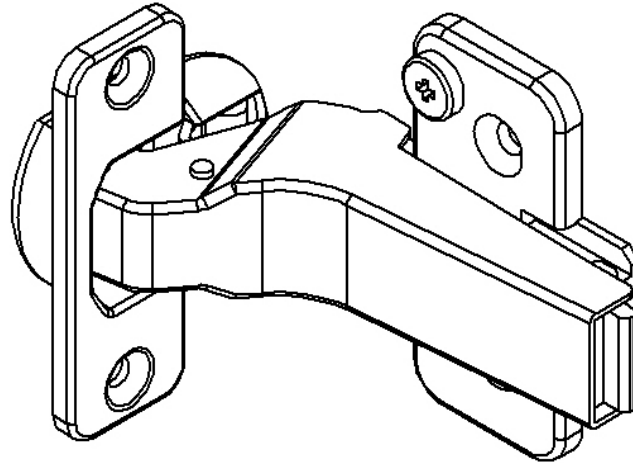
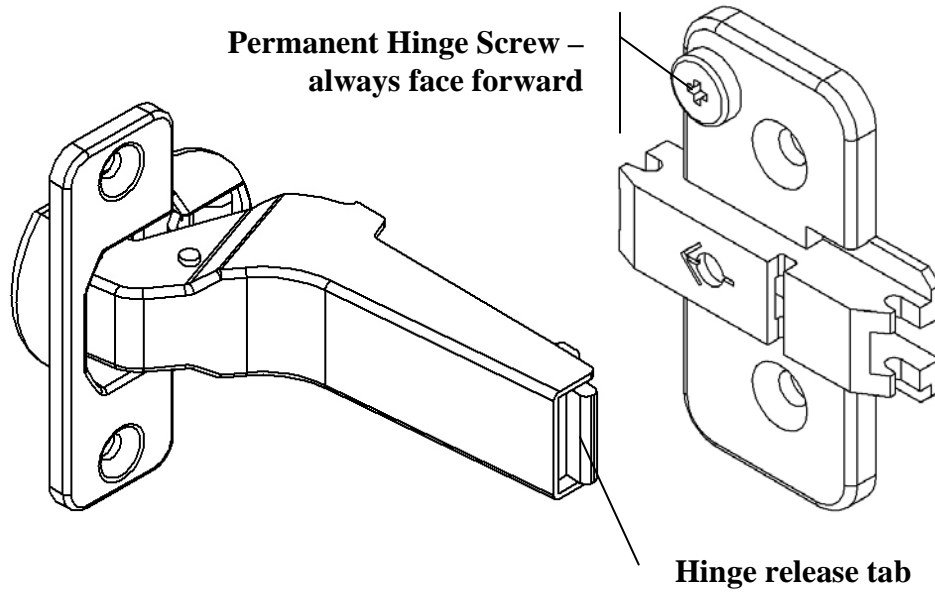
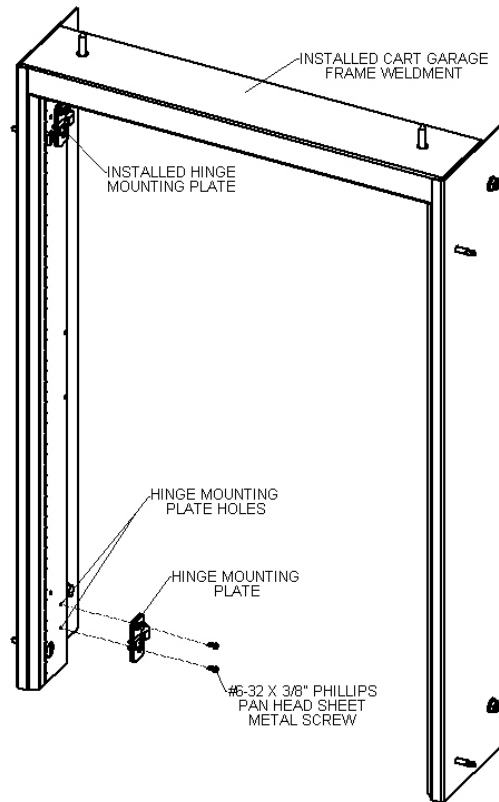


Figure 6b – Hinge Unclipped Parts: Clip and Mounting Plate



Installing the Cart Garage Frame and Flush Door

Figure 7 – Hinge Mounting Plate Installation (Left Hinged Door Shown)



Door Installation:

1. Determine side desired, left or right, for hinged side of Door (Door Assembly can be installed either left or right hinged)
2. Unclip Hinge Mounting Plate from Hinge by pressing release tab at back end of Hinge Clip (Figure 6b)
3. Orient Hinge Mounting Plate as shown, (with permanent adjustment screw always facing forward) and screw to top of desired post into smaller hinge mounting holes using (2) included #6-32 x 3/8" Phillips Pan Head Sheet Metal Screws as shown in Figure 7.
4. Repeat Step 3 for bottom Hinge Mounting Plate
5. Clip Door Assembly hinges to top and bottom Hinge Mounting Plates

If door has three hinges:

6. Do not unclip hinge, instead open middle Hinge and place against post
7. Align holes in Hinge Mounting Plate with holes in post by adjusting hinge mounting plate up and down and/or front to back using a Phillips Head Screwdriver (see hinge adjustment details below)
8. Screw Hinge Mounting Plate to center hinge holes on post using (2) included #6-32 x 3/8" Phillips Pan Head Sheet Metal Screws

Notes:

1. Door used for Cart Garage Frame is the same door used on the Cart Garage Cabinet


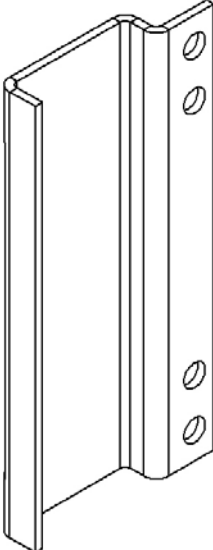
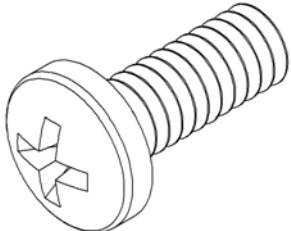
Installing the Cart Garage Frame and Flush Door



Installing Door Stops and Lock Catch:

Tools Required:

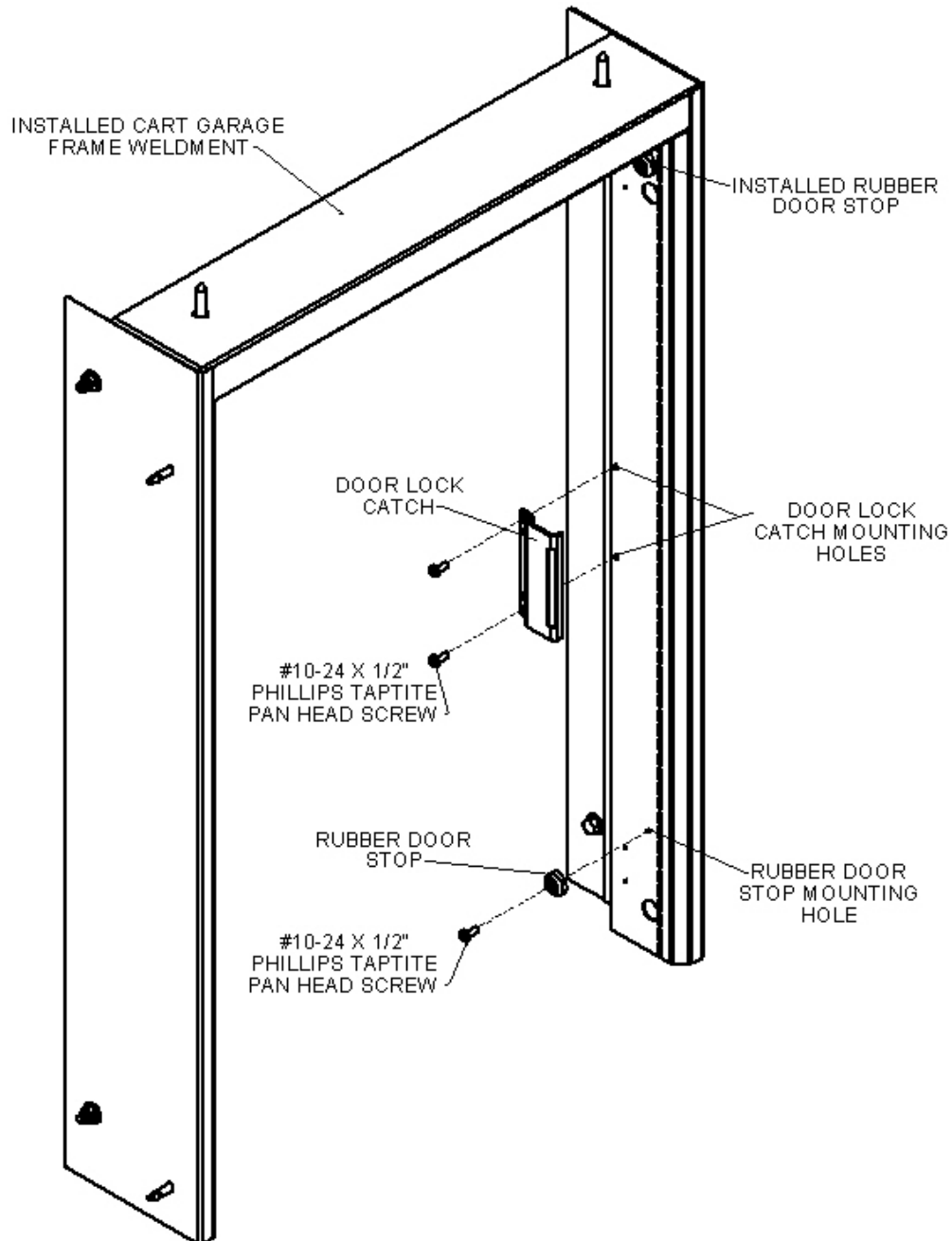
- Phillips head screwdriver

Item	Description	Qty.	Picture
1	Black Rubber Door Stop	2	
2	Door Lock Catch	1	
4	#10-24 x 1/2" Phillips Taptite Pan Head Screw	4	

Installing the Cart Garage Frame and Flush Door



Figure 8 – Left Hinged Shown (Door not shown for clarity)



Installing the Cart Garage Frame and Flush Door



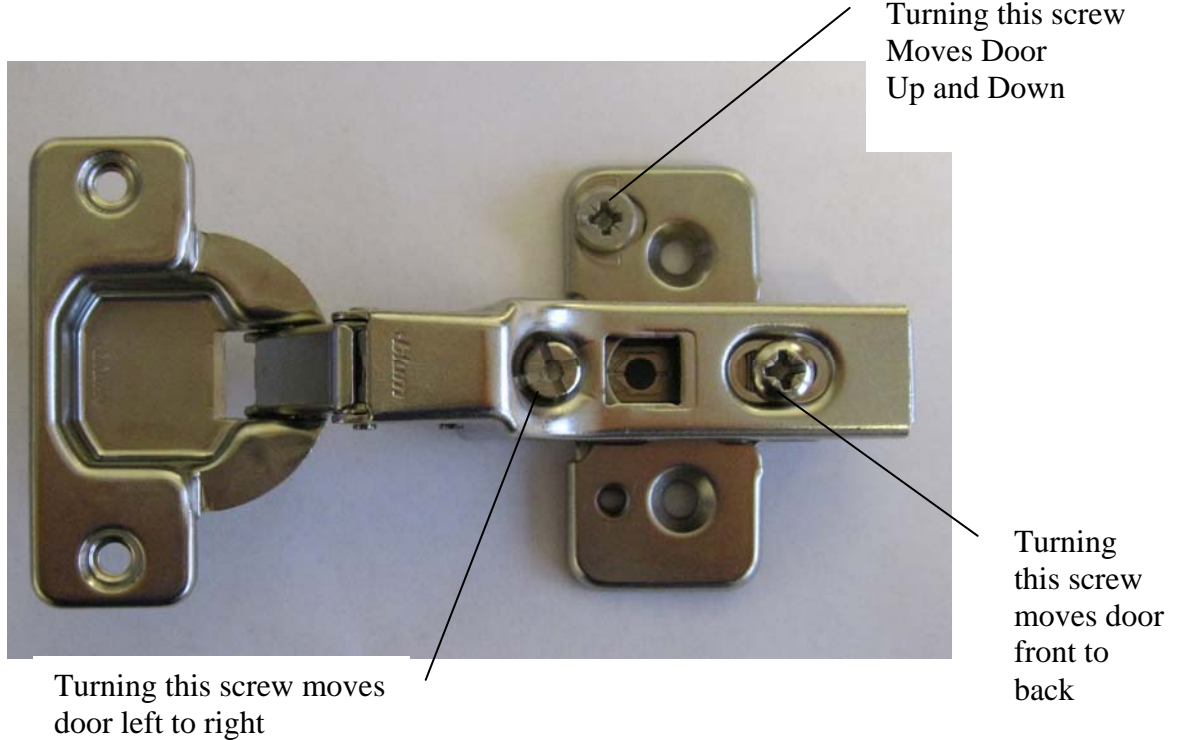
Rubber Door Stop and Lock Catch Installation:

1. Screw Rubber Door Stops into the top and bottom front larger holes on the post, opposite hinge side of Door, using (1) included #10-24 x 1/2" Phillips Taptite Pan Head Screw per stop as shown in Figure 8. Do not over tighten bolts.
2. Screw Door Lock Catch to front larger holes in approx center of post, opposite hinge side of Door, using (2) included #10-24 x 1/2" Phillips Taptite Pan Head Screws

Door Alignment Hinge Adjustment (moving Door Left to Right, Up and Down and Front to Back)

Tools Required:

- Phillips head screwdriver



Turning the individual screws located on each Hinge clockwise or counterclockwise will move the door left to right, front to back or up and down (see image).

Installing the Cart Garage Frame and Flush Door



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