

Penco Patriot® DUTY Lockers

Assembly Instructions for Welded & Knocked-Down Models (KD)



P/N: **86191**


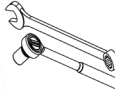
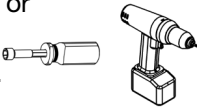
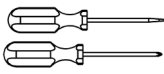

general@pencoproducts.com

Fasteners & Tools

The following items are found in the hardware kit shipped with the locker.

- 8615-Number plate 
- 8671-Aluminum Rivet (for Number Plate) 
- 8676-Pop Rivet (for HD Coat Hook and Coat Rod Bracket) 
- 8633-Screw 10-24 x 1/2" 
- 8672-Nut 10-24 
- 8702- Screw 10-24x3/8" 
- 8624- Lag Screw 1/4"x1" 
- 8698- Hook, Double Prong 
- 6ACXAB37- Hook, HD 
- 8641- Knob 
- 6RQ1312-Bolt 10-24 x 1-1/2" 
- 6ACXHK61-Coat Rod 
- 6ACXFF58- Coat Rod Bracket 

You will need these tools to assemble and install the Duty locker.

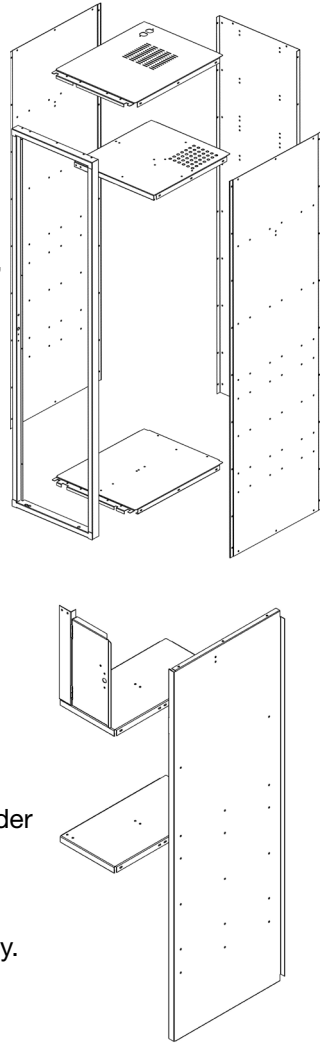
- Rivet gun 
- Socket and end wrenches 
- Drill (with torque adj.) or Nut Driver with 5/16" & 3/8" sockets. 
- Flat blade and Phillips screwdrivers 
- Spirit Level 

STEP 1- Check Parts (KD version only. For Welded skip to Step 2C.)

Unpack the component pieces for the top locker.

You should have two sides, a back, a top, shelf, bottom, and door & frame assembly for the locker body.

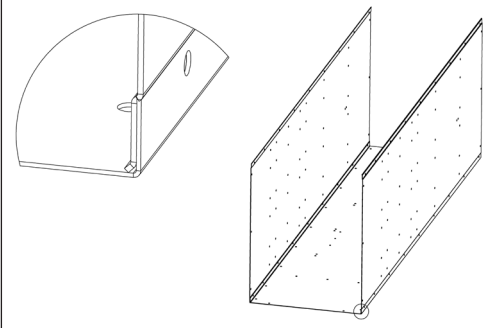
The internal components include a divider panel, half shelves, and compartment door assembly.



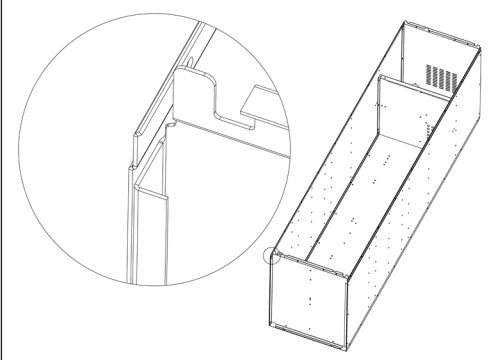
STEP 2 - Assemble the Upper Locker

If being assembled by one person, it is recommended to attach the heavy duty coat hooks to the locker back before attaching the remaining body panels. Hold the hook tight to the inside of the locker back and insert each rivet from the outside so they "mushroom" into the countersunk hole when fully compressed.

2A- With the back panel laying flat on the ground attach the sides to the back using 8633 screws and 8672 nuts. The side panels fit inside the flanges of the back panel as shown in the detail view below. Patriot models are to be built only as 1-wide units.

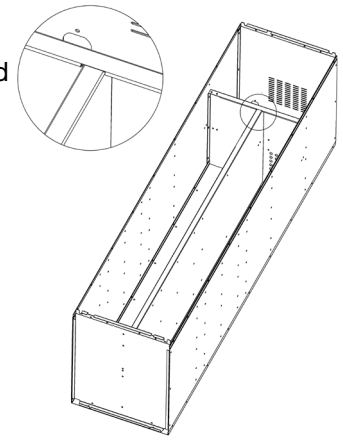


2B- Attach the top, bottom, and shelf pieces. The top, bottom and shelf fit inside the side panel as shown in the detail view below. Use 8633 bolts and 8672 nuts.

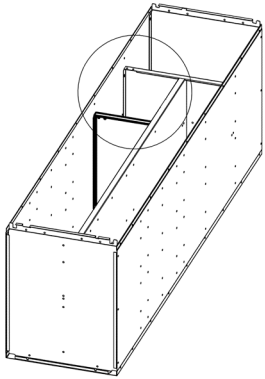


2C- Install the center divider. The divider locates in the notch found under the top shelf. Place the divider in the locker and slide it into the notched shelf.

The divider attaches to the shelf and to the bottom using 8633 bolt and 8672 nut.

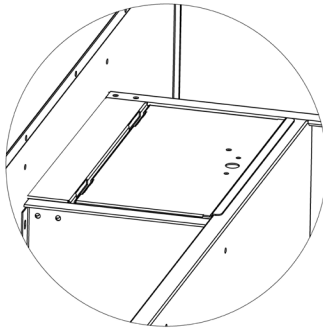


2D- Installation of the inner compartment. First install the half shelf that makes the bottom of the inner compartment.

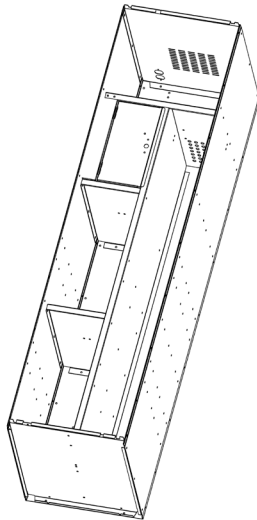


Then attach the door and hinge frame assembly.

The door mounting bracket attaches to the top shelf using the two front holes and the two holes in the underside of the intermediate shelf as shown in the view. Use 8633 bolt and 8672 nut.

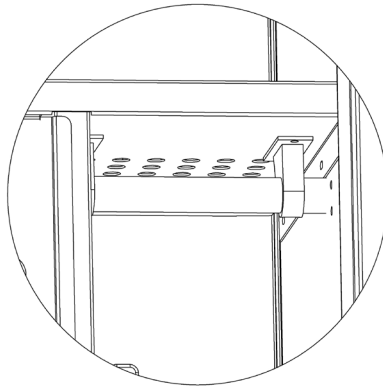


2E – The other half shelf can now be installed at the height desired by the user. It attaches using 8633 bolt and 8672 nut to the side and the center divider as shown.

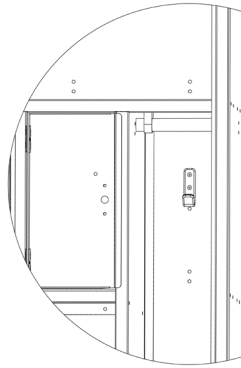


STEP 3- INSTALL ACCESSORIES AND LOCKS

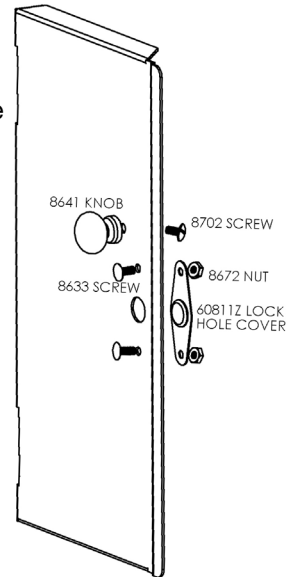
3A- Install the hanger bar. Slide the two hanger brackets (6ACXFF58) onto the 1" round chrome hanger bar. Note the hanger brackets should have smooth metal surface facing locker opening. Position the bar and the brackets as shown below mating the holes in the bracket with the mounting holes in the shelf. Use 8676 pop rivets or 8633 bolts with 8672 nuts.



3B- Install the heavy duty hook 6ACXAB37 on the back panel as shown. Use 8676 pop rivets. It is critical to have the rivet gun on the back side of the locker allowing the compressed rivet to expand in the hook's countersunk hole. Note: we recommend attaching the heavy duty hooks to the locker back before assembly of the body.

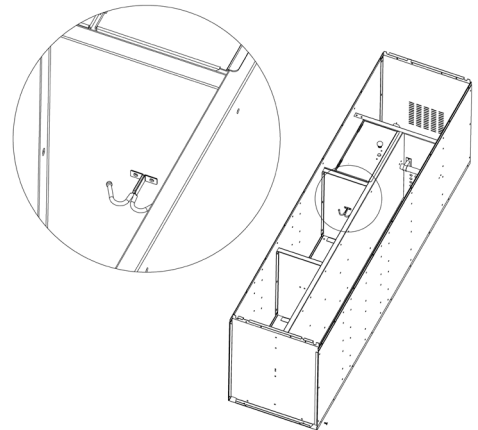


3C- Install the Inner compartment door knob. Use 8641 with 8702 screw.



3D- Install the key lock or lock hole cover plate in the inner security compartment door. Use 8633 screws and 8672 nuts.

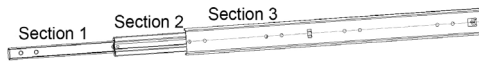
3E- install the double prong hook under the inner compartment bottom using 8676 rivets or 8633 screws and 8672 nuts.



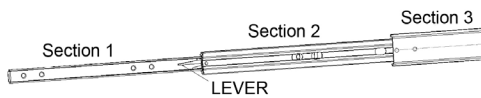
3F- Install the door and frame (knock down only). If unit is wider than 24" install the frame to locker body using 8633 screws and 8672 nuts and then attach the double doors using the supplied steel rivets. Note every hole in the continuous hinge should be filled with a rivet to the frame. If unit is 24" wide or less the door is already riveted to the frame and can be attached to the locker body using 8633 screws and 8672 bolts.

STEP 4 – ATTACH THE UPPER LOCKER TO THE DRAWER BASE UNIT

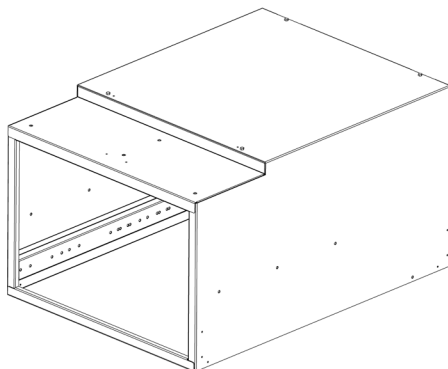
4A- Remove the drawer from the case. Two people are recommended for this task. Drawer slide section 1 will be riveted to the drawer. Drawer slide section 3 will be riveted to the case.



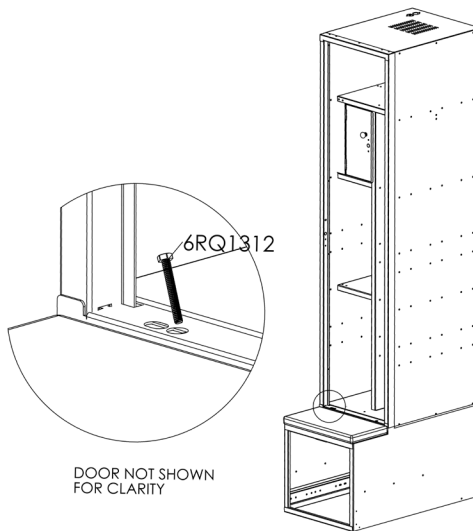
4B- Section 1 is released from sections 2 and 3 by a lever that is exposed when the slides are fully extended. Because the same type slide assembly is used on both right and left sides, the lever needs to be pressed down on the right side of the tray, and lifted up on the left side of the tray in order to release the tray assembly. While one person steadies the case, the second person can release the levers and pull the drawer tray free. This will disengage section 1 of the track from section 2. Section 2 and 3 remain engaged.



4C- Locate the base unit in the position it is to be installed. Check for level and plumb using shims if necessary to correct for deficiencies in the surface you are mounting to. Anchor the base unit to the floor as required by local codes. Check to make sure the cabinet is square and then anchor the back of the base unit to the wall as required by local codes.



4D- Set the top locker onto the drawer base unit. Insert the (4) 6RQ1312 bolts through the holes provided in the base of the locker into the matching threaded holes on the base unit and tighten finger tight only (use 5/16" socket).



4E- Install adjacent base and locker units repeating steps 4A through 4D.

4F- Fasten the upper lockers together using 8633 bolt and 8672 nut.

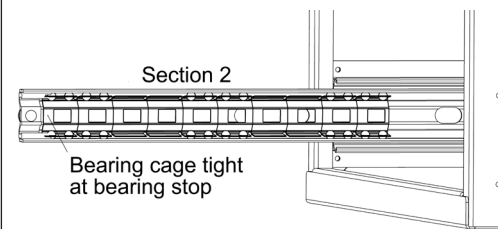
4G- Finish tightening the 4 bolts tying the upper and lower sections together.

4H- Anchor upper locker to the wall as required by local codes.

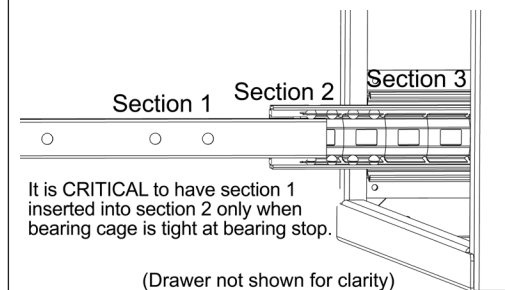
4I- Install bench tops to drawer unit using 8624 lag screws. Note bench tops should be predrilled to accept the lag screws.

4J- To reinstall the drawer trays (after the case has been anchored and mounted square and level) make sure that the bearing carriages are seated against the bearing stop. Note: The bearing carriages will slide back and forth within drawer slide section 2.

It is important to carefully align the slide sections mounted to the tray with the sections mounted in the case. Insert the tray level and square with the case. Supporting the front of the tray with pieces of wood matching the height of the threshold of the case will help with alignment.



4K- Insert slide section 1 into the first four bearings on both sides of the drawer. With slide section 1 properly inserted into the bearing carriage on both sides push the drawer squarely into the case to complete installation. Do not force the slide sections onto each other. If properly aligned they will engage with little resistance and after several inches of travel you will hear a faint click as the release lever engages. Properly installed drawers will have a firm but smooth action. There is a detent that prevents the drawer tray from rolling out of the case when closed.



STEP 5 – ANCHORING AND LEVELLING

Proper anchoring is a very important part of the locker installation process. It is recommended that your lockers be anchored to both the wall and the floor, and important that they be made plumb and level before anchoring.

Carefully consider the installation site surfaces and obtain the proper bolts or fasteners. Installation anchors are not included with the locker hardware since anchor surfaces vary widely. Your local building code may require a specific type of anchor, particularly if you are in an area with high seismic activity. Consult a hardware store or your maintenance department for the correct anchors for your situation. If Molly bolts are required, do not use plastic anchors. Metal washers are also recommended.

Locker anchoring done through the **BACK** of the locker should be as close to the division, or side, as possible. The floor anchor should go through the bottom except on lockers with a drawer base or welded lockers with integral channel base. If you cannot anchor to the floor, use two side anchors placing one high and one low.

When lockers are installed side by side, it is recommended that they be bolted to each other as well as anchored to the walls and floors.

Installation is now complete!

STEP 6 – CLEANING AND MAINTENANCE

If after assembly the locker requires cleaning, use a soft, slightly dampened cloth to remove dust and smudges. Stubborn blemishes can be removed using very mild soap and water used in moderation. Never use abrasives or harsh chemicals to clean the standard powder coat locker finish.

Thank you for choosing quality Penco lockers. If you have any questions regarding locker installation, components, or any aspect of your locker assembly, please call 800-562-1000 or visit www.pencoproducts.com.

Penco PATRIOT® Duty Lockers



Patriot 24" wide Duty Locker with drawer base, wood bench and two-tone finish.



Patriot 18" wide Duty Locker with drawer base and wood bench.



Patriot Duty Lockers in a custom 36" width with 2-wide drawer bases, continuous wood bench, optional Finished End Panels and optional Name Card Holders on the doors.