

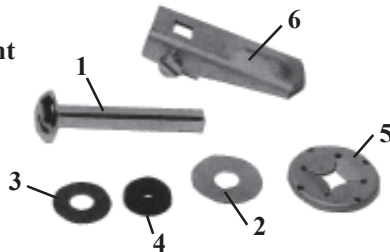
Replacement Door Latch Kit - P/N 112974

Applies to Model Series RGB, RPB, RGBL, RPBL, SSCBL, PGBL, ADF/ADFH
and Blower Cabinet Models RBL, RBA, RBHA

Replacement parts kit, P/N 112974, includes:

Code	Qty	Description
1	1	Door Latch Shaft with Slotted Head (#61-11-1-14)
2	1	Metal Trim Washer (#61-7-3-14)
3	1	Black Neoprene Washer (#85-43-201-38)
4	1	Black Neoprene Washer (#85-33-101-27)
5	1	Retainer (#61-6-1-13)
6	1	Pawl (#61-9-1-11)

Door Latch Replacement Kit, P/N 112974



Tools Required

Push-on retainer tool or 5/8" deep socket, straight screwdriver.

WARNING: (1) Turn off the gas supply and (2) disconnect the electric power before performing any service work.

Door Preparation

Single Wall Construction -

Remove the door latch(es) to be replaced.

Double Wall Construction (Models with Option AY3) -

- 1) Loosen set screw and remove the pawl (See Figure 1) from all latches (even those not being replaced).
- 2) Remove the two screws along the top edge of the door panel.
- 3) Remove the three screws from the front (outer panel). Removing these screws will loosen the inner wall, the door handle and the bottom door seal angle.
- 4) Remove the inner wall panel, lifting to clear the shafts of the door latches.
- 5) Remove the door latch(es) to be replaced.

Installation Instructions (Follow diagram in Figure 1):

1. **Pre-assemble and Install "Outer" Latch Portion** – Pre-assemble the shaft (Item 1), the metal trim washer (Item 2), and the larger diameter Neoprene washer (Item 3) as illustrated in Figure 1. Insert the assembly into the 1/4" hole through the "outer" side of the door panel.
2. **Add Water Resistant Washer to Inside of Panel** – On the inside of the door panel, push the smaller diameter Neoprene washer (Item 4) on to the shaft. One of the water resistant Neoprene washers should now be against the outside and one against the inside of the door panel.
3. **Install Metal Retainer** – If a "push-on-retainer tool" is available, use it to install the metal retainer (Item 5) onto the door latch shaft. If a "push-on retainer tool" is not available, place the metal retainer over the "end" of a 5/8" deep socket. Using the socket to equalize the pressure, firmly push the metal retainer onto the shaft. Whichever method is used, the flanges on the metal retainer will bend to attach the door latch shaft to the door panel. The latch must be firmly attached to the door panel.
- Doors with Double Wall Construction** – Re-position the inner wall panel, being careful to align the door latch shafts with the 5/8" clearance holes. Re-insert the two sheet metal screws in the top edge of the door assembly. Position the bottom door seal angle on the bottom edge of the inner door panel. Re-assemble by replacing the three screws through the outer door panel. Follow instructions in Step 4 for all four latches.
4. **Attach the Pawl** – Turn the shaft of the door latch so that the arrow on the head is vertical. With the pawl (Item 6) "pointing" in the same direction as the arrow, slide it onto the end of the shaft. Position the pawl on the shaft about one inch from the inside of the outer door panel (approximately flush with the insulation on the single wall construction or the inner panel on double wall construction) and tighten the set screw enough to hold. Check the position of the pawl by closing the door panel. The door must close tightly without pushing to turn the latch. If necessary, adjust the position of the pawl until the door closes properly. Tighten the set screw.

Figure 1 - Assembly Sequence of Door Latch

