

A.E.Co. Metal Fingerwheels

To remove an A.E.Co. escutcheon assembly from a metal dial.

Using the standard escutcheon tool or a small pocket screwdriver:

(1) Insert the tip, holding the tool parallel to the; fingerwheel, between the escutcheon ring and the acetate disc which covers the number card. Pass under the edge of the ring at a point even with the 5/JKL hole (see Figure 1).

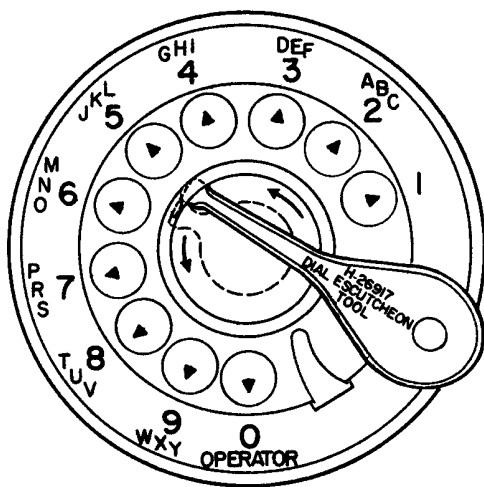


Figure 1a. Removal

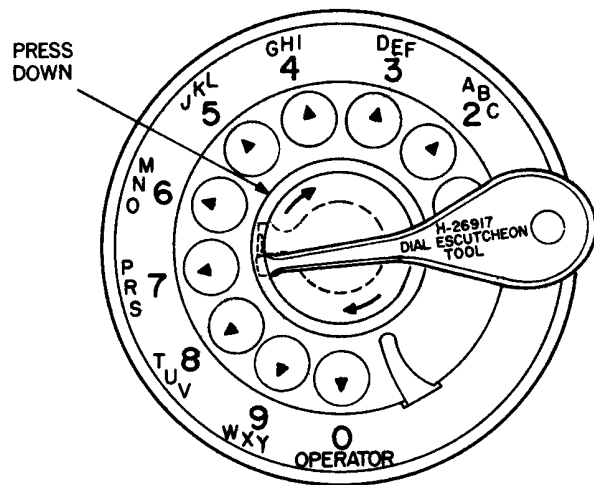


Figure 1b. Installation

Figure 1. Escutcheon Installation and Removal, A.E. Co. Metal Fingerwheel.

(2) Taking care not to scratch the acetate disc, press the tip of the tool downward slightly and move it counterclockwise toward the 6/MNO hole. It should engage the tab of the escutcheon lock.

(3) Further movement of the tool toward the 7/PRS hole will then force the escutcheon lock counter-clockwise so that it no longer holds down the tab of the escutcheon ring.

(4) Lifting the tip of the tool when it reaches the 7/PRS hole should raise the entire escutcheon assembly out of the depression in the center of fingerwheel.

To disassemble the metal escutcheon assembly:

(1) Hold the assembly rear side up with the fingers of both hands and press on the clamping plate with the thumbs adjacent to the semicircular indentations on its edge (see Figure 2a).

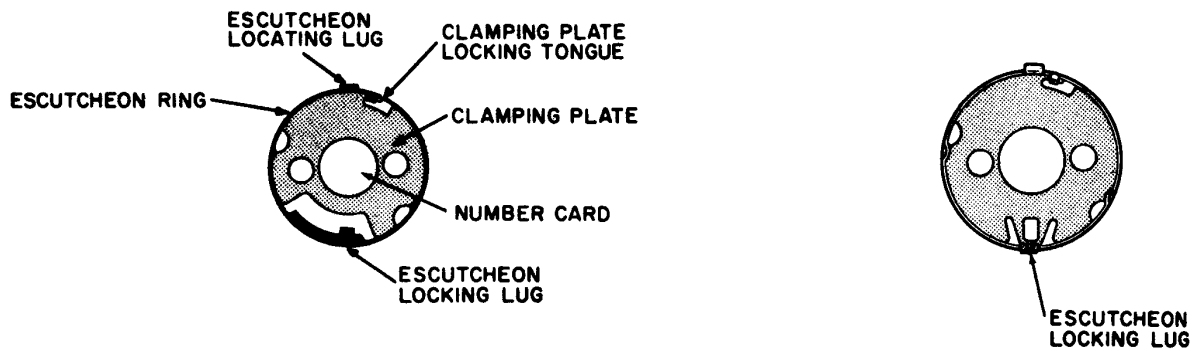


Figure 2. Escutcheon Disassembly, A.E. Co. Fingerwheels.

(2) Rotate the plate counter-clockwise until the indentations clear the ridges formed in the edge of the escutcheon ring, at which time the locking tongue will also clear the channel- similarly formed for it to engage.

(3) Push against the acetate disc with a finger to force the disc, number card and clamping plate out of the escutcheon ring, and slide these parts out from under the locking lug.

Installation of a new number card in an A.E. Co. metal escutcheon assembly:

(1) Wipe the acetate disc to remove dirt and finger marks. Replacements should be made for a scratched or discolored disc.

(2) Hold the escutcheon ring with its rear side up and insert the edge of the acetate disc under the locking lug of the ring at the point where the edge of the disc has a long indentation. Lay the narrow indentation or slot in the opposite edge of the disc over the channel formed inside the edge of the ring.

(3) With a blunt-ended object, such as an eraser end of a pencil; snap the disc over the two ridges formed in the edge of the ring so the disc seats.

(4) Insert the number card in the same manner: Its edge has two, semicircular indentations which allow it to clear the ridges in the ring.

(5) Insert the clamping plate with its concave side up, and push down its edges with a thumb to flatten it.

(6) Once flat, rotate the plate clockwise until its edges are caught beneath the ridges in the wall of the escutcheon ring, and its locking tongue seated in the channel formed inside the wall.

To install the escutcheon assembly on the A.E. Co. metal fingerwheel:

(1) Move the escutcheon lock counter-clockwise until it strikes the detent.

(2) Insert the tab on the escutcheon ring into the slot in the wall of the depression in the fingerwheel at a point just above the finger stop.

- (3) Press the opposite edge of the escutcheon ring into the depression and insert the standard escutcheon tool or a small pocket screwdriver between the ring and the acetate disc.
- (4) Keeping the tool parallel with the fingerwheel and taking care not to scratch the disc, insert the tip under the edge of the ring at a point even with the 7/PRS hole.
- (5) Press the tip of the tool downward slightly and move it clockwise toward the 6/MNO hole. It should engage the tab of the escutcheon lock, and further movement of the tool toward the 5/JKL hole will then force the escutcheon lock clockwise so that it holds down the tab of the escutcheon ring.