

## WESTERN ELECTRIC

### 5-J DIAL - PLASTIC FINGER WHEEL EARLY VERSION

#### REMOVAL PROCEDURE

There are two versions of the finger wheel mounting system used on Western's 5-J dials. This procedure pertains to the early version.

There is a small metal tab located on the finger wheel retainer mechanism, visible by looking between the plastic finger wheel and the porcelain number plate, in the area between digits "6" and "7".

Grip the dial in your left hand, and firmly hold the dial case and finger wheel so that neither moves during this next step.

Using a small "slim" screw driver with a flat bladed tip. Insert the tip of the screw driver between the finger wheel and the porcelain number plate between the digits "6" and "7", so that the blade contacts the locking tab on the left side. Apply a small amount of upward pressure, while at the same time slowly pushing the locking tab to the right until it stops and won't move any further. The distance involved, is approximately a ¼ inch.

At this point, you should be able to lift the plastic finger wheel clear of the dial.

Turning the finger wheel upside down, you will see a brass or steel disk with about 6 holes in it, placed in two groups of three. That disk is the dial number card retainer. You should also see 3 tabs placed approximately equal distances apart. The tabs are sitting in 3 lateral grooves, which run counter clockwise from 3 fairly large notches molded into the sides of the finger wheel's dial number card cavity.

Turn the dial number card retainer clockwise, or to the right, until the 3 tabs enter the 3 notches.

Turn the finger wheel over, and the number card retainer should fall out into your hand.

To re-assemble the number card retainer, and the plastic finger wheel back onto the dial, reverse the above process. See pictures.

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1950  
W.E. 5-J  
Dial

Lever - Top  
View.



Uses a lift and slide (to right) lever to remove finger wheel, and it's accomplished with small screw driver from the side of the dial, and between number plate and the underside of finger wheel. The finger wheel will then lift straight up and off.

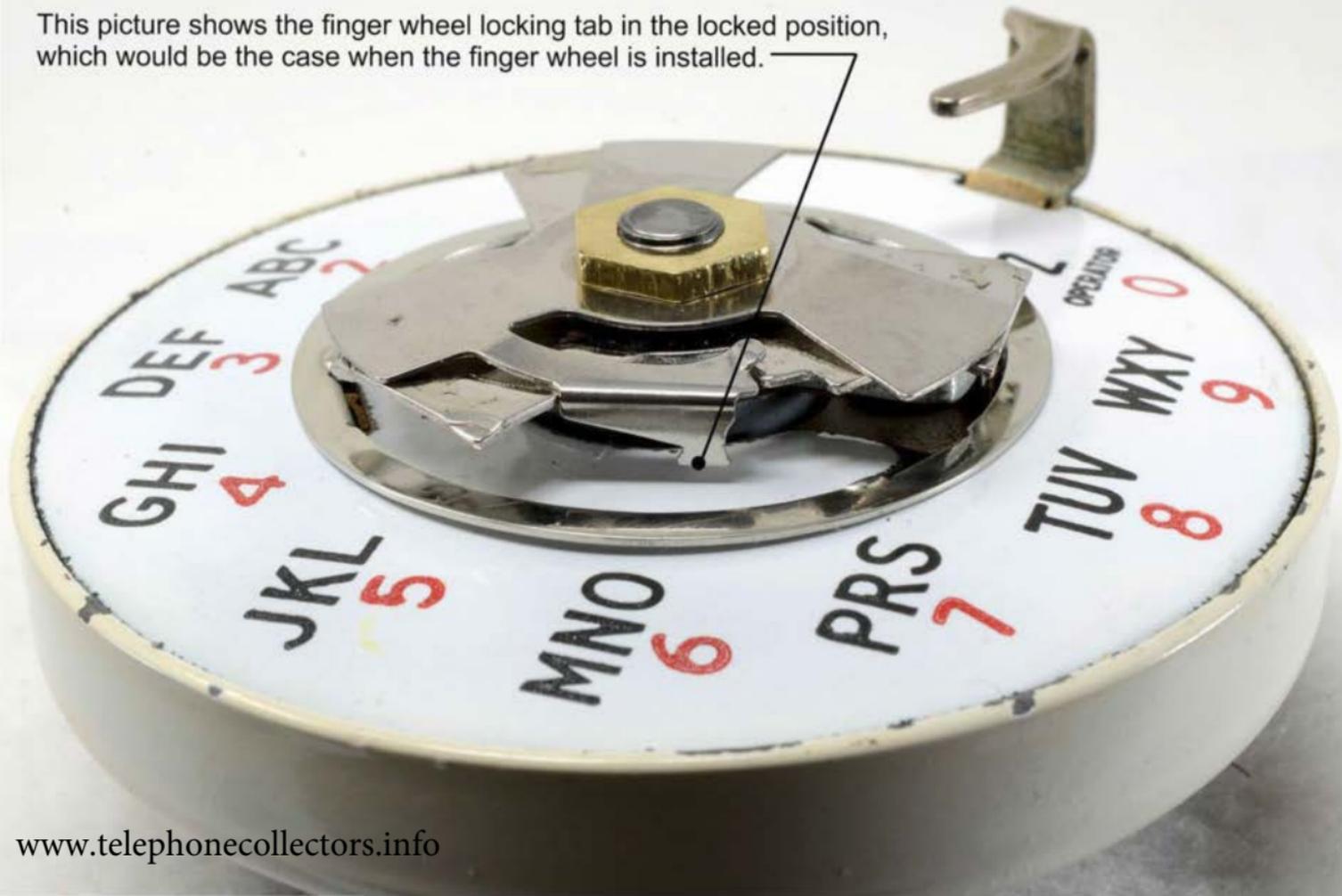
1952  
W.E. 5-J  
Dial

Finger wheel  
release tab.



Uses a pin tool which inserts through pin hole in finger wheel located between the 9 & 10 finger holes on the raised edge of the circular outer rim of the number card compartment. Once the pin tool pushes the release tab down, the finger wheel is then turned clockwise a short distance and will release from the finger wheel retainer mechanism.

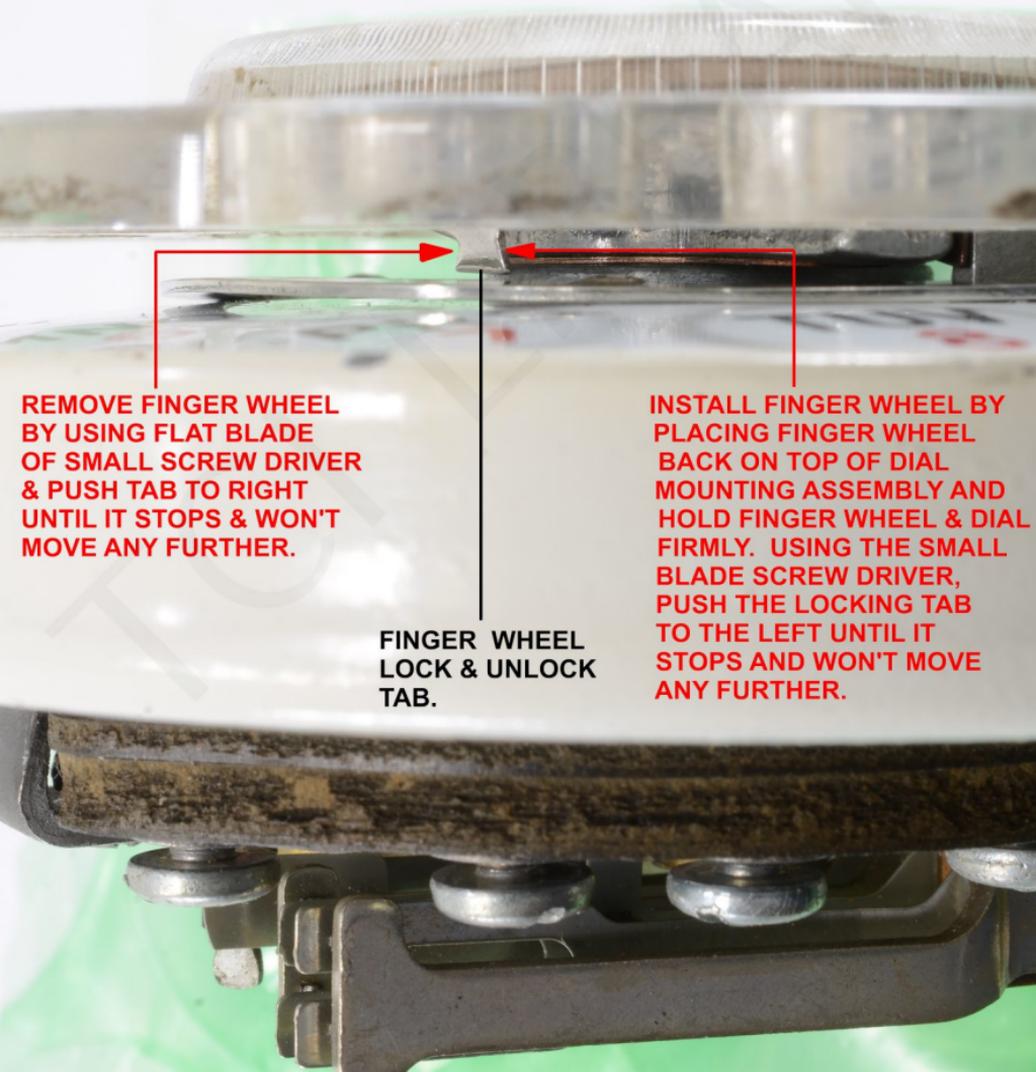
This picture shows the finger wheel locking tab in the locked position, which would be the case when the finger wheel is installed.



Locking Tab  
in the  
unlocked  
position.



The finger wheel on the earlier W.E. 5J dial is held in place by a pair of stainless steel 3 leaf springs. The bottom spring is held in place on dial's main shaft & doesn't move except when the dial is operated. The top 3 leaf spring lock moves left and right a short distance to lock and unlock the finger wheel for installation or removal.



**REMOVE FINGER WHEEL  
BY USING FLAT BLADE  
OF SMALL SCREW DRIVER  
& PUSH TAB TO RIGHT  
UNTIL IT STOPS & WON'T  
MOVE ANY FURTHER.**

**FINGER WHEEL  
LOCK & UNLOCK  
TAB.**

**INSTALL FINGER WHEEL BY  
PLACING FINGER WHEEL  
BACK ON TOP OF DIAL  
MOUNTING ASSEMBLY AND  
HOLD FINGER WHEEL & DIAL  
FIRMLY. USING THE SMALL  
BLADE SCREW DRIVER,  
PUSH THE LOCKING TAB  
TO THE LEFT UNTIL IT  
STOPS AND WON'T MOVE  
ANY FURTHER.**