

COIN COLLECTORS — PREPAY

F-55880 AND F-55905

1. GENERAL

- 1.01 This section contains identification and assembly of parts, installation, maintenance, and connections for the F-55880 and F-55905 coin collectors.
- 1.02 This section is reissued to include changes in Table A. Issue 1 had a limited distribution.
- 1.03 The F-55880 coin collector is for use at the New York World Fair and is available to the New York Telephone Company only.
- 1.04 The F-55905 coin collector is available to all associated companies.
- 1.05 The KS-19277 lock and associated parts cannot be used with these coin collectors.

2. IDENTIFICATION

- 2.01 The F-55880 (Fig. 1) and F-55905 coin collectors are TOUCH-TONE dial versions of the 234G rotary dial coin collector.
- 2.02 The F-55880 and F-55905 coin collectors are identical electrically and mechanically. Due to the colors of these coin collectors, some component parts have different codes. (See Table A.)
- 2.03 The F-55880 coin collector is available in white (-58) only. The F-55905 coin collector is available in two colors, green (-51), and light beige (-60).

Dial

- 2.04 The F-55881 and F-55906 dials have the same electrical and mechanical features as the 25E3 dial with the following exceptions:

- (a) The normally open pairs of contacts mounted in the same pileup above each coil tap switch have been omitted.
- (b) The pushbutton and switching assembly of the dial and the printed wiring board assembly are physically separate from each other, although electrically connected through soldered leads (Fig. 2).
- (c) A special mounting plate, fastened in front of cover plate, is provided to permit mounting the pushbutton assembly in the coin collector.
- (d) A connector plug, rather than spade tipped leads, is furnished to make the necessary connections between the dial and coin collector backplate.

- 2.05 The F-55881 TOUCH-TONE dial has a white coverplate and white buttons with gray characters.



Fig. 1 - F-55880 TOUCH-TONE Coin Collector

2.06 The F-55906 TOUCH-TONE dial has a gray coverplate and gray buttons with white characters.

2.07 These TOUCH-TONE dials are equipped with a transistor oscillator which generates customer dialing signals. The oscillator is powered by the telephone line current.

Handset

2.08 The F-55880 coin collector uses the F-55896 handset which is the same as the G3R handset except it is white.

2.09 The F-55905 coin collector uses a standard G3R handset available in colors. (See Table A.)

2.10 These handsets are equipped with armored cords, U1 receiver units, and T1 transmitter units. The receiver and transmitter caps are cemented to the handset handle. Maintenance of these handsets, due to defective parts, consists of complete replacement.

Faceplate

2.11 The F-55880 and F-55905 coin collectors are equipped with P-27E150 faceplate assemblies. The faceplate assembly (Fig. 1) is mounted on the front of upper housing with seven RM-712359 push-on nuts. The faceplate is equipped with a P-27E153 window assembly for mounting an instruction card. The number card and instruction card are furnished by the telephone company.

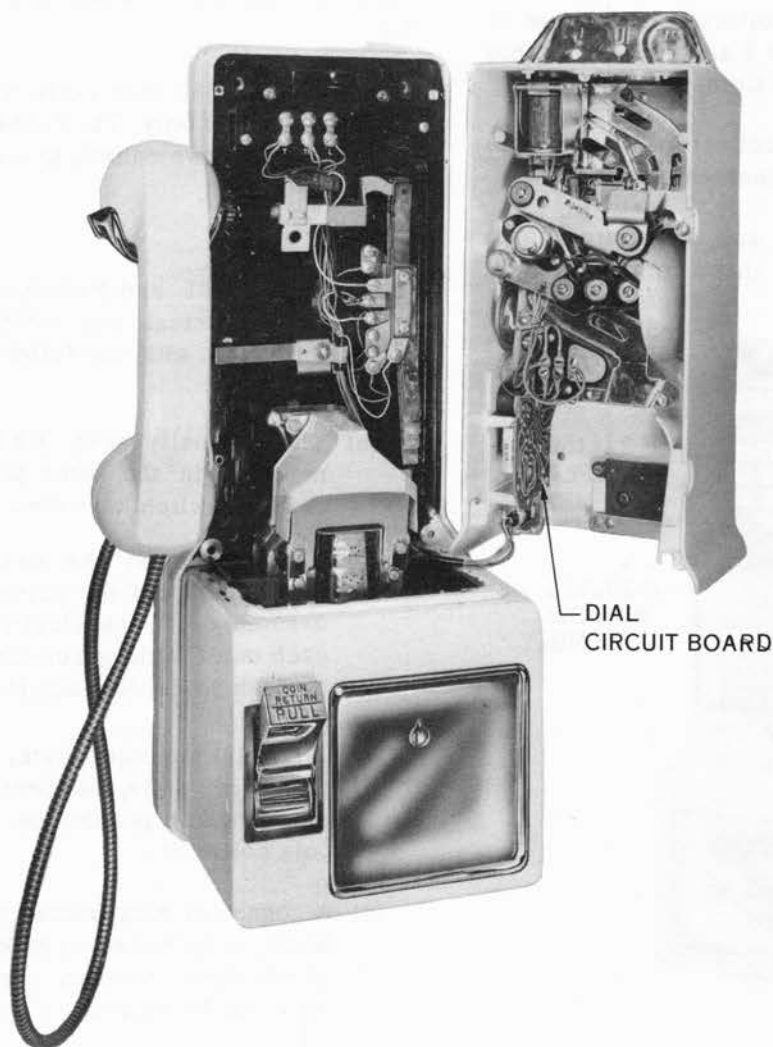


Fig. 2 - F-55880 Coin Collector, Interior

TABLE A
COMPONENT PARTS AND COLORS

Type Set	Components	Color		
		Green (-51)	White (-58) *	Lt. Beige (-60)
F-55880 Coin Collector	P-27E143 Upper Housing Unit Assembly		•	
	F-55881 Dial †			
	F-55896 Hand Set		•	
F-55905 Coin Collector	P-89C400 Upper Housing Unit Assembly ‡	•		•
	F-55906 Dial †			
	G3R Hand Set	•		•
F-55882 Subscriber Set		•	•	•

* For use at New York World Fair only.

† F-55881 dial has white buttons with gray characters. F-55906 dial has gray buttons with white characters.

‡ Substitute color code number for last two digits of this piece part number.

Subscriber Set

2.12 The F-55882 subscriber set provides the signaling, talking, and ringing circuit for the F-55880 and F-55905 coin collectors. The F-55882 subscriber set has the same transmission qualities as the 685A subscriber set.

3. INSTALLATION

3.01 Install the F-55880 and F-55905 TOUCH-TONE dial coin collectors and the F-55882 subscriber set in the standard method outlined for installation of 234G coin collectors.

4. MAINTENANCE

4.01 Follow the same test and maintenance procedures for the prepay TOUCH-TONE dial coin collectors that are now followed for the 234G prepay rotary dial coin collectors. In addition, make the following tests:

- (1) Check that all dial buttons operate freely.
- (2) Lift receiver, deposit coin, and listen for dial tone.
- (3) Dial ringer test code for TOUCH-TONE sets, or dial the local test desk and request access to ringer test circuit for TOUCH-TONE sets.

- (4) Wait for second dial tone.
- (5) Key all digits in numerical order, 1 through 0, into test circuit.
- (6) If dial is operating properly, 2 spurts of tone will be heard in receiver.
- (7) If any digit fails to meet the test, or if test is not completed in 15 seconds, one spurt of tone will be heard in receiver.
- (8) After receiving the 1 or 2 spurts of tone, dial tone will again be heard. Test may then be repeated if necessary.
- (9) Disconnect test circuit by placing handset on switchhook.
- (10) Replace dial if oscillator tones are not as described.

Note: Before replacing a suspected "in-trouble" coin collector, check that line and subscriber set connections are properly made.

5. CONNECTIONS

5.01 Fig. 3 shows connections for the F-55880 and F-55905 TOUCH-TONE dial coin collector.

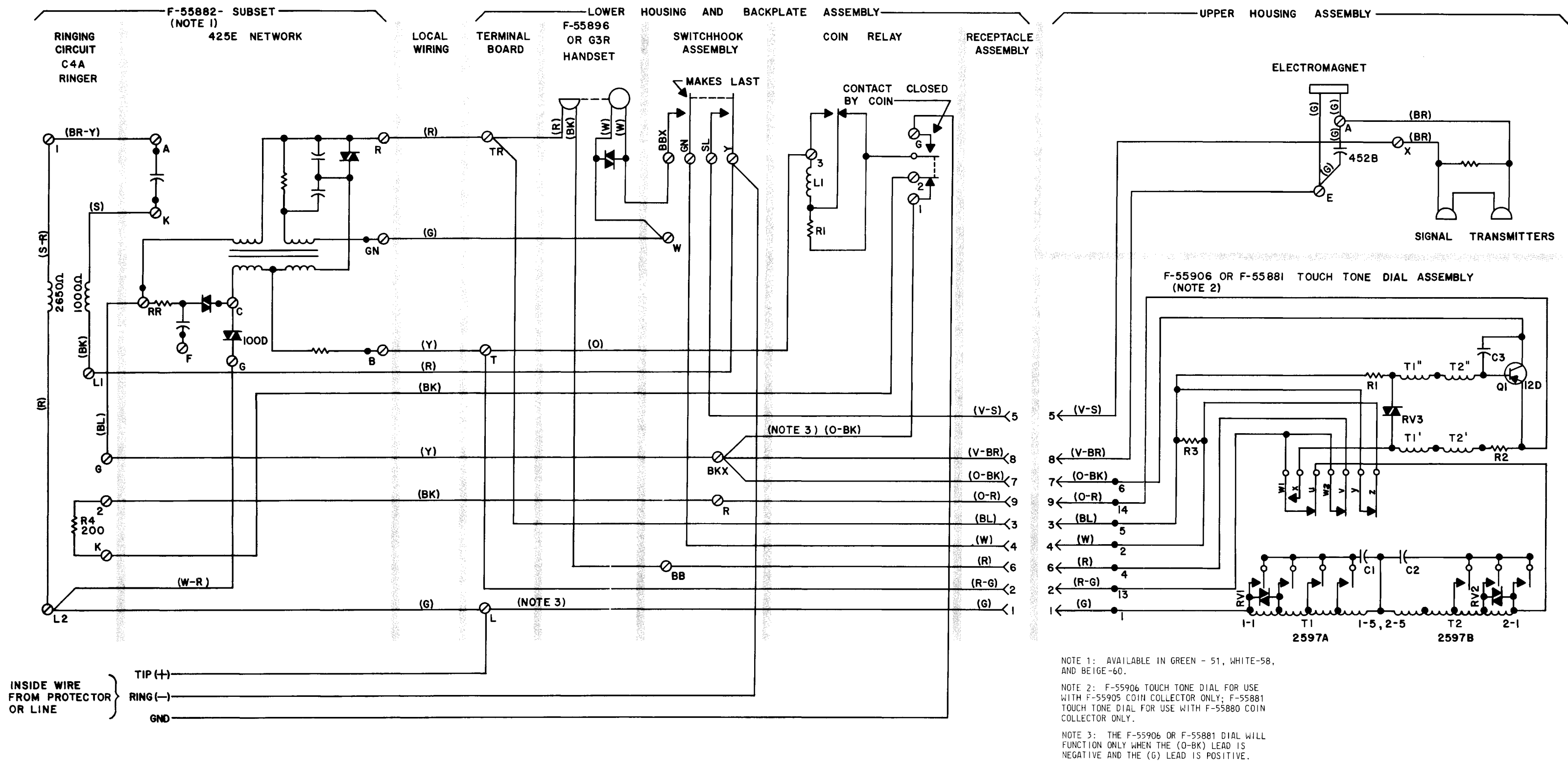


Fig. 3 - F-55880 and F-55905 TOUCH-TONE Dial Coin Collectors, Connections