

MOUNTING BRACKET, MULTIPLE USE KS-20502

1. GENERAL

1.01 This section provides information on the identification and installation of the KS-20502, List 2 multiple use mounting bracket (Fig. 1). The KS-20502, List 2 mounting bracket is a direct replacement for KS-19407, List 1 steel bracket rated MD and the KS-20502, List 1 plastic bracket (Fig. 2) rated MD.

1.02 This section is reissued to:

- Include the KS-20502, List 2 bracket which replaces the KS-20502 List 1 (MD) bracket
- Include the 155A and 157A adapters used for wall mounting telephone sets and ringers.

1.03 For detailed information on the use of the 157A and 155A adapters for mounting telephone sets and ringers, refer to Section 463-121-100.

2. IDENTIFICATION

(a) Purpose

For use when placing concealed wiring in buildings, usually residential, where the building wall board, plastic, or similar material has already been applied to the building studs or structural members.

(b) Ordering Guide

- Bracket, KS-20502, L2

Associated Apparatus

- Adapter, 157A
- Adapter, 155A
- Adapter, 146B
- Faceplate, 16-type (color to match jack or connector)

(c) Design Features

- For mounting telephone sets and ringers
- For recessed wall mounting of telephone jacks and connecting blocks
- Made of translucent plastic.

(d) Application

Used for mounting the following apparatus:

- 47E Connecting Block
- 47F Connecting Block
- 5488 Jack
- 541A Jack
- 108A Apparatus Blank
- 16-Type Faceplate
- 730A Receiver*
- 7598 Loudspeaker*
- EIA Ringer*
- 500 Series Wall Telephone Sets-t
- F1A Ringer?
- L1A Ringert
- AC1 Telephone Base‡
- 1554B, 1558D, 2554B and 2558D Telephone Sets‡

• 146B Adapter required.

† 157A Adapter required.

‡ 155A Adapter required.

3. INSTALLATION

3.01 The KS-20502, List 2 bracket may be mounted in existing walls by cutting a 2-1/4 inch

diameter hole. The wall board thickness should not exceed 1-1/4 inches.

3.02 The mounting bracket can be inserted into the hole from the wall side. Self-aligning locking tabs (Fig. 1) lock to the back of the wall surface when the two mounting screws are tightened.

3.03 Install jacks and connecting blocks on bracket (Fig. 3) as follows:

- (1) Connect cable conductors to jack or connecting block terminals and dress as required.
- (2) Fasten jack or connecting block to mounting bracket with screws furnished with bracket.
- (3) Fasten faceplate with screws furnished with bracket.



Only the thread cutting screws furnished with the bracket should be used to mount apparatus to the bracket. The use of other screws will overstress the polycarbonate material and severely affect its useful life.

3.04 Install associated apparatus (Fig. 3) as follows:

- (1) Fasten 146B adapter to mounting bracket with screws furnished with bracket.
- (2) Connect cable conductors to loudspeaker, ringer, or receiver and dress as required.
- (3) Mount apparatus to 146B adapter with screws furnished with adapter.

3.05 Install associated apparatus (Fig. 4 and 5) as follows:

- (a) Fasten the 155A adapter (Fig. 4) or 157A adapter (Fig. 5) to KS-20502 List 2 mounting bracket with screws furnished with bracket.
- (b) Mount apparatus to 155A or 157A adapter with screws furnished with adapters.

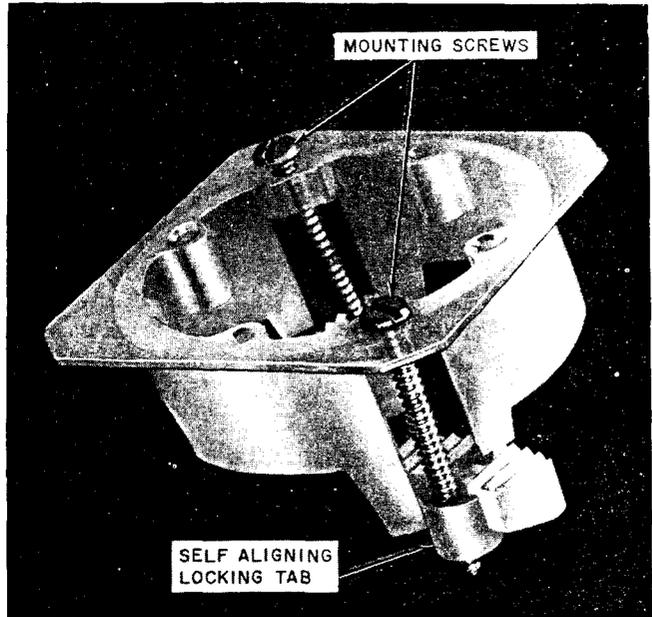


Fig. 1—KS-20502, List 2 Mounting Bracket

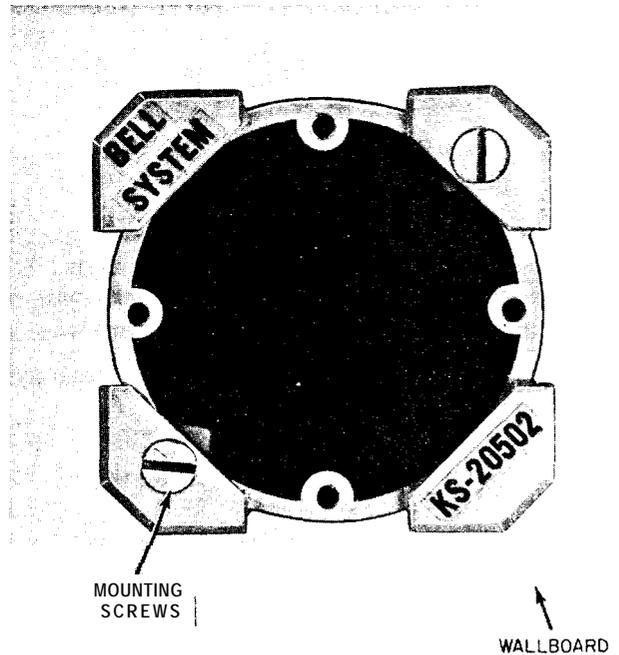


Fig. 2-KS-20502, list 1 (MD) Bracket, Mounted in a 2-1/4 Inch Hole (Front View)

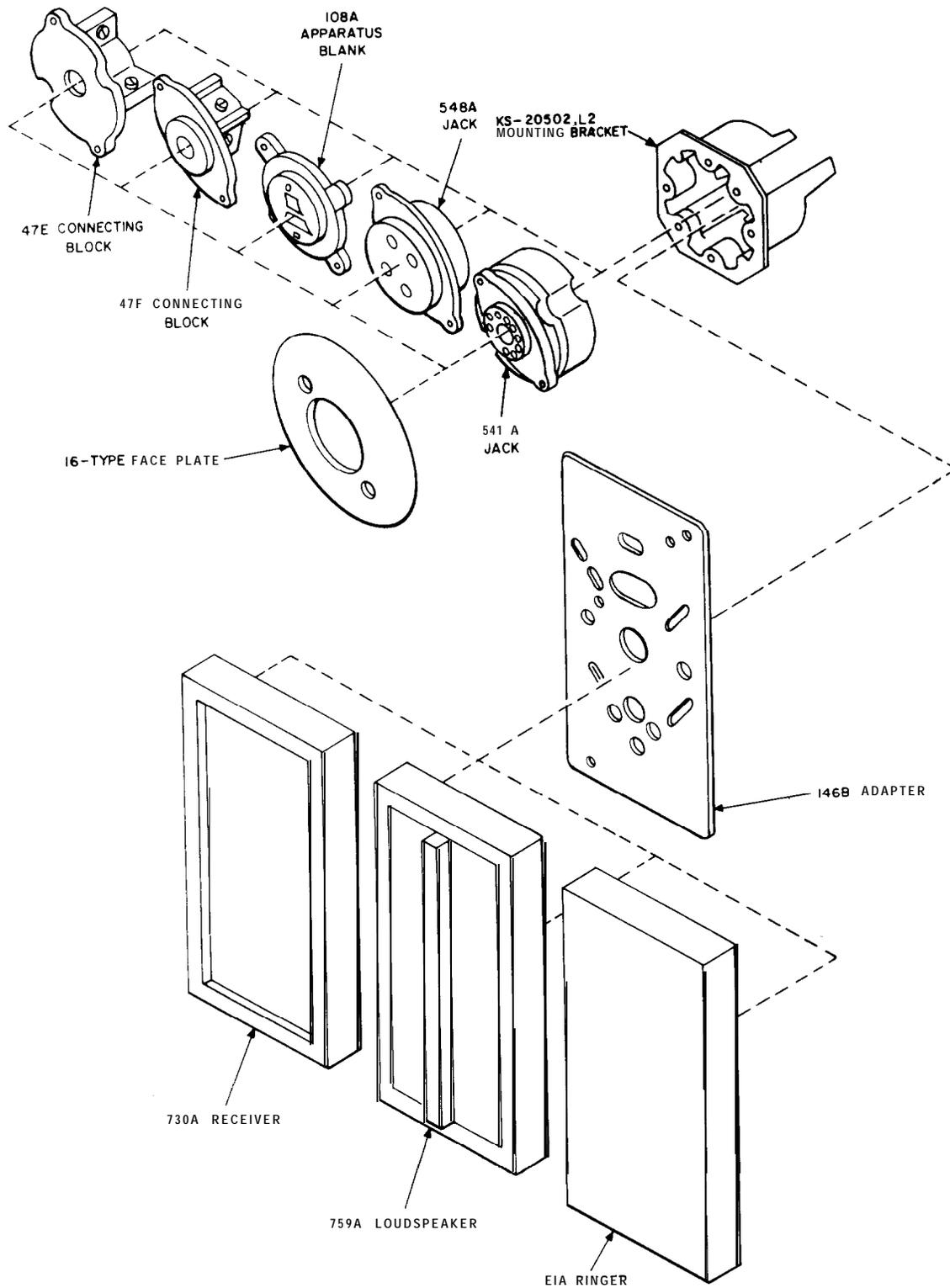


Fig. 3 → **KS-20502**, List 2 Mounting Bracket and Associated Apparatus4

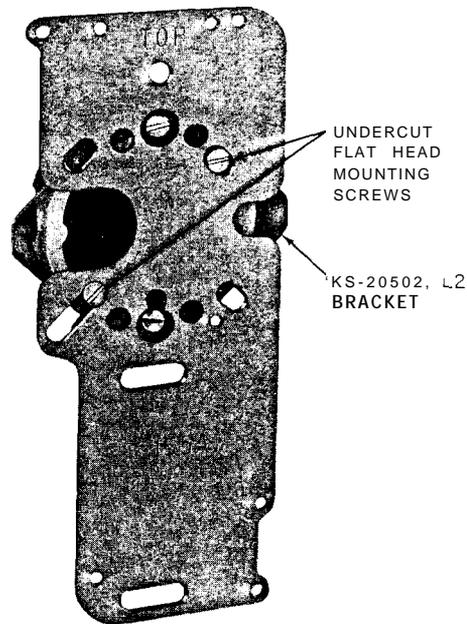
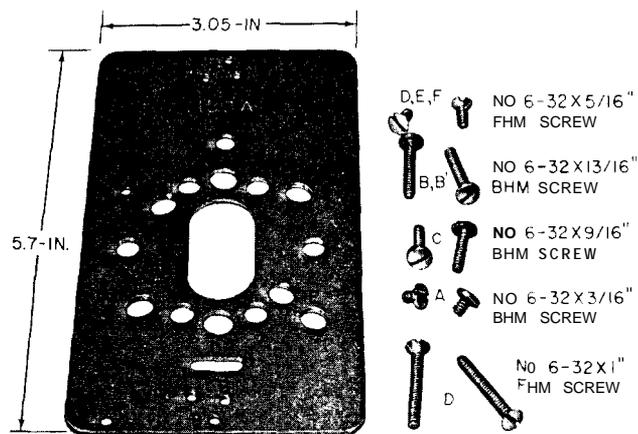


Fig. 4—155A Adapter Mounted on a KS-20502, list 2 Bracket



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| FOR MOUNTING: | MOUNTS TO: |
| A - 550 SERIES WALL TELEPHONE SETS | D - STANDARD ELECTRICAL OUTLET BOX |
| B - FIA RINGER (CURRENT MODEL) | E - 63A BRACKET |
| B' - FIA RINGER (EARLY MODEL) | F - KS-20502 L2 BRACKET |
| C - LIA RINGER | * ADAPTER MUST BE TURNED UPSIDE DOWN TO MOUNT 550 SERIES WALL TELEPHONE SETS |

Fig. 5—157A Adapter and Mounting Screws4