

BACKBOARDS

COIN COLLECTORS/TELEPHONE SETS

IDENTIFICATION AND INSTALLATION

1. GENERAL

1.01 This section provides information on multiuse and special purpose coin collector/telephone set backboards.

1.02 Much of the information included in this section was previously contained in Sections 463-130-100 and 463-130-200.

1.03 Common use backboards are described in Section 463-130-100.

2. IDENTIFICATION

(a) Ordering Guide

(1) Multiuse Backboards

CODE NO.	FIG NO.
Backboard, 139A-3	1
Backboard, 144D	2
Backboard, 174A	3
Backboard, 178A-3	4
(2) Special Purpose Backboards	
Backboard, 167A-3	5
Backboard Kit, KS19206, List 6	6
Backboard Kit, KS-19206, List 7	7
Backboard, auxiliary, KS-19267, List 10	8
Backboard, KS-19340, List 53	9
Backboard, KS-19340, List 54	10
Backboard Installation Kit, KS-19426, List 7	11
Backboard Installation Kit, KS-19426, List 8	12

CODE NO.

Backboard, B-190387-2

FIG NO.

13

(3) Backboard Accessories

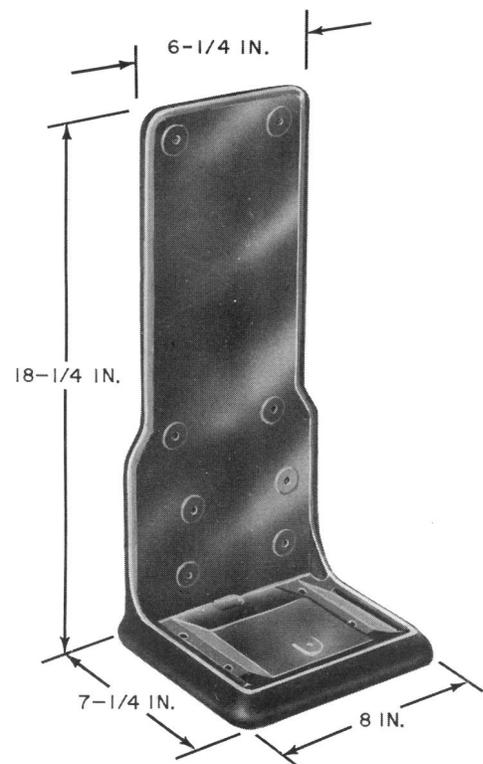
Kit of Parts, D-179939

14

Kit of Parts, D-179940

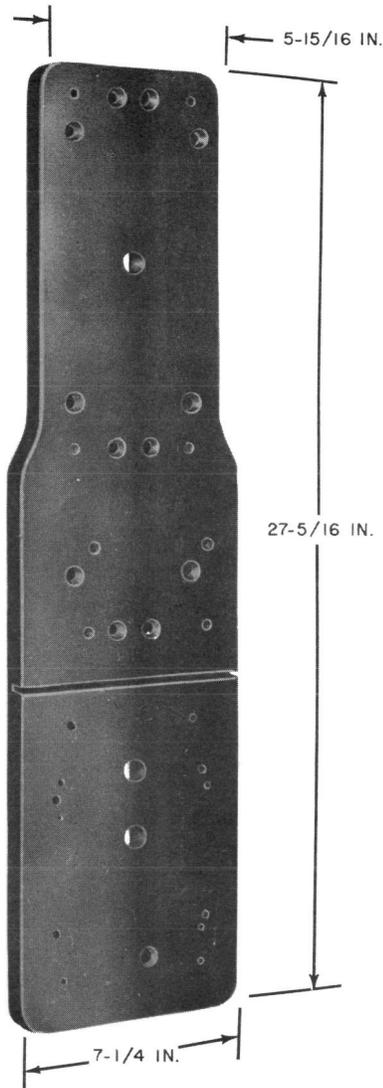
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(b) Design Features



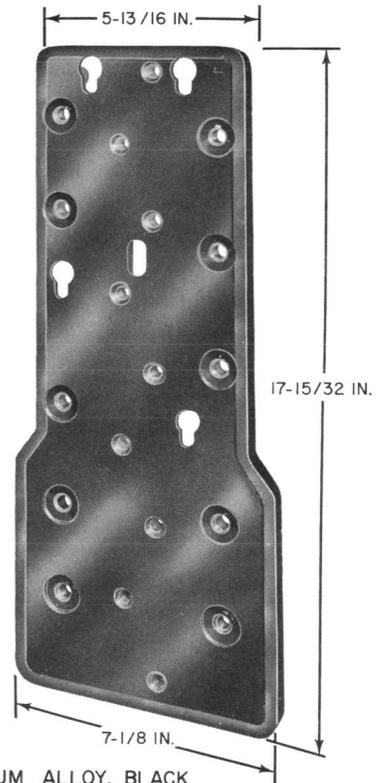
- METAL, BLACK
- FOR MOUNTING ALL CODED MULTISLOT COIN COLLECTORS AND 236G COIN TELEPHONE ON HORIZONTAL SURFACES
- SCREWS PROVIDED

Fig. 1 — 139A-3 Backboard



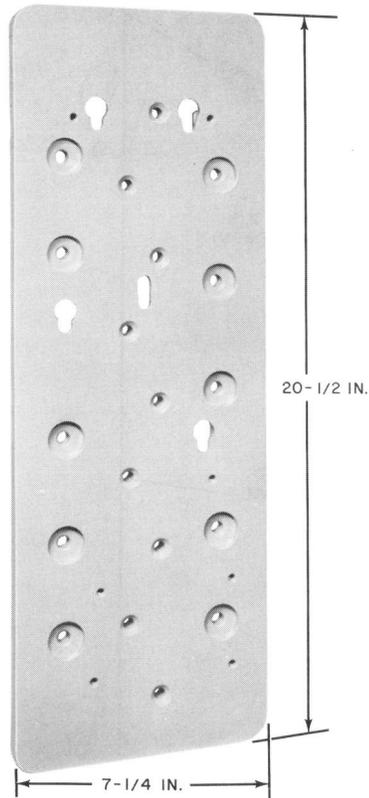
- WOOD, BLACK
- FOR MOUNTING ALL CODED MULTISLOT COIN COLLECTORS AND A SUBSCRIBER SET
- PROVIDED WITH A SAW SLOT SO BOTTOM PORTION CAN BE CUT OFF WHEN SUBSCRIBER SET IS NOT REQUIRED
- HOLES FOR MOUNTING COIN COLLECTORS/TELEPHONES ARE PROVIDED WITH 1/4-20 THREADED INSERTS
- REPLACES I44C BACKBOARD

Fig. 2 — 144D Backboard



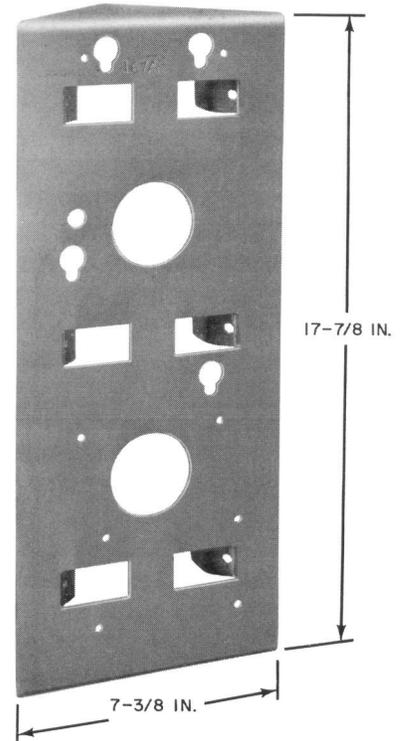
- ALUMINUM ALLOY, BLACK
- FOR MOUNTING ALL CODED MULTISLOT COIN COLLECTORS OR A 236G COIN TELEPHONE ON A WALL
- PROVIDED WITH SECURITY STUD SLOTS

Fig. 3 — 174A Backboard



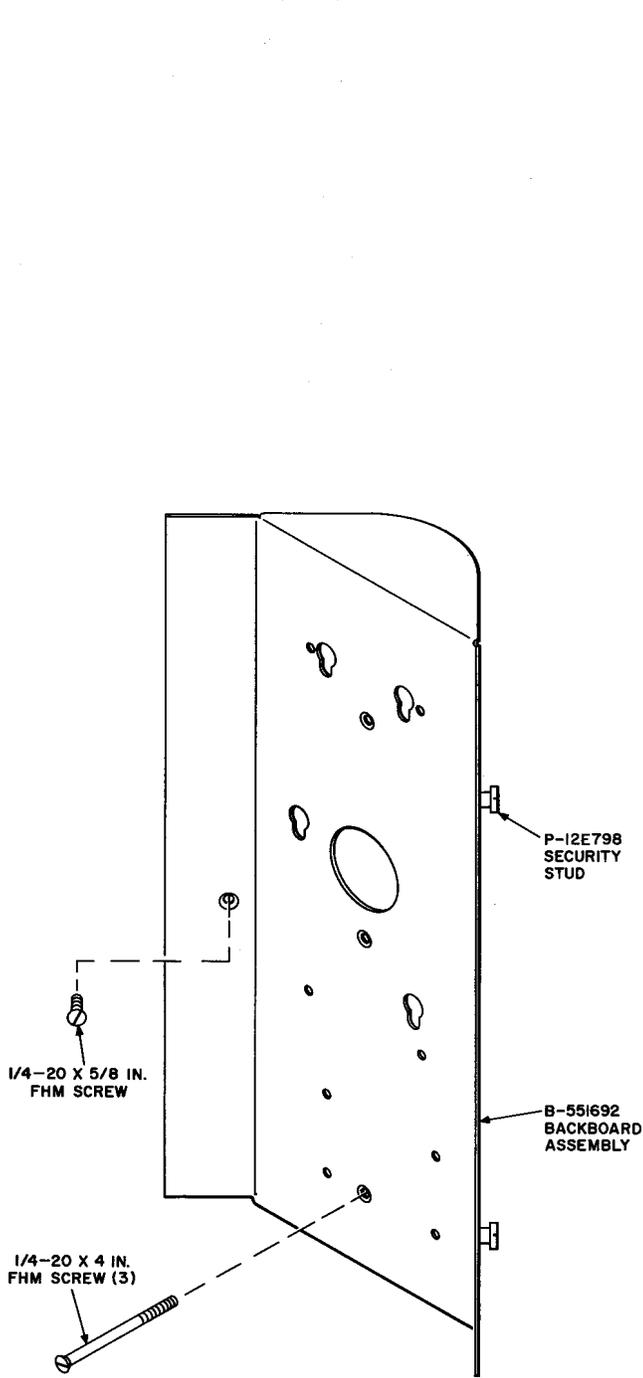
- ALUMINUM ALLOY, BLACK
- FOR MOUNTING 1A1 AND 1A2 COIN TELEPHONES ON A WALL
- PROVIDED WITH SECURITY STUD SLOTS
- REPLACES 178A-65 BACKBOARD

Fig. 4 — 178A-3 Backboard



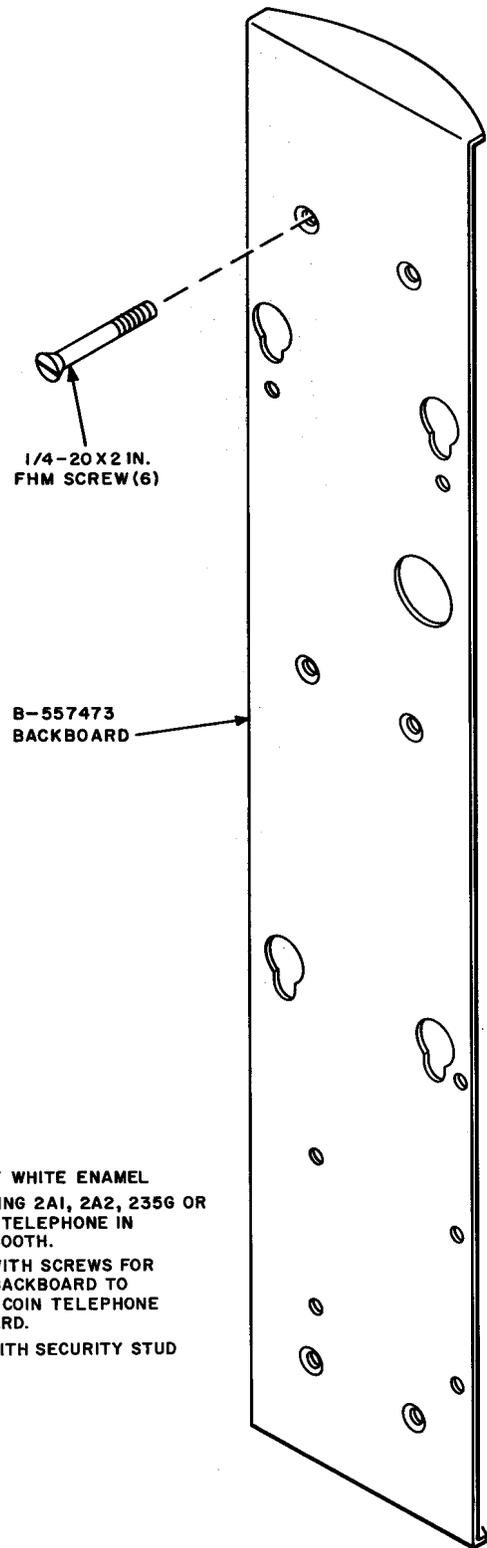
- 167A-3 — METAL, BLACK — RATED A&M ONLY
- 167A-42 — METAL, BEIGE — RATED MD
- FOR MOUNTING 100 AND 200 SERIES COIN COLLECTORS/ TELEPHONES IN NO. 5, 6, 7, 10, OR 11 TYPE BOOTHS
- PROVIDED WITH SECURITY STUD SLOTS
- PROVIDED WITH SCREWS FOR MOUNTING COIN COLLECTOR/TELEPHONE TO BACKBOARD
- REPLACES 153A-3 BACKBOARD

Fig. 5 — 167A-3 Backboard



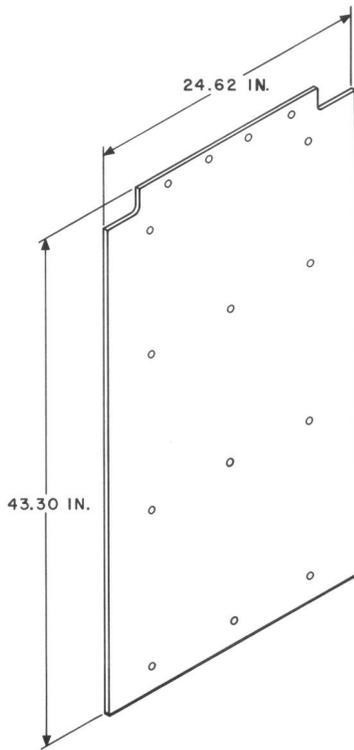
- STEEL, OFF WHITE ENAMEL.
- FOR MOUNTING 233 OR 234 TYPE COIN COLLECTOR OR IA1, IA2 OR 236G COIN TELEPHONE IN KS-19206 BOOTH.
- PROVIDED WITH SCREWS AND SECURITY STUDS FOR MOUNTING BACKBOARD TO BOOTH.
- PROVIDED WITH SCREWS FOR MOUNTING COIN COLLECTOR/TELEPHONE TO BACKBOARD.
- PROVIDED WITH SECURITY STUD SLOTS.

Fig. 6 — KS-19206, List 6 Backboard Kit



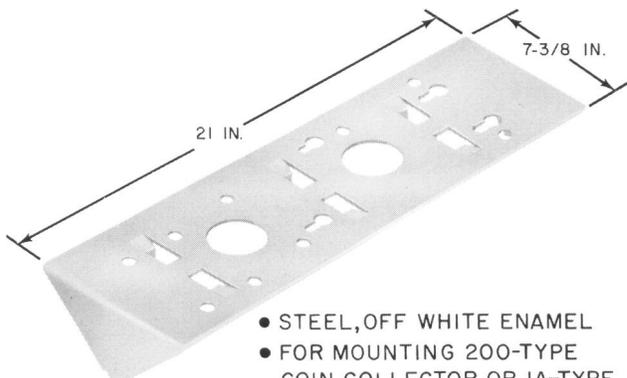
- STEEL, OFF WHITE ENAMEL
- FOR MOUNTING 2A1, 2A2, 235G OR I235G COIN TELEPHONE IN KS-19206 BOOTH.
- PROVIDED WITH SCREWS FOR MOUNTING BACKBOARD TO BOOTH AND COIN TELEPHONE TO BACKBOARD.
- PROVIDED WITH SECURITY STUD SLOTS.

Fig. 7 — KS-19206, List 7 Backboard Kit



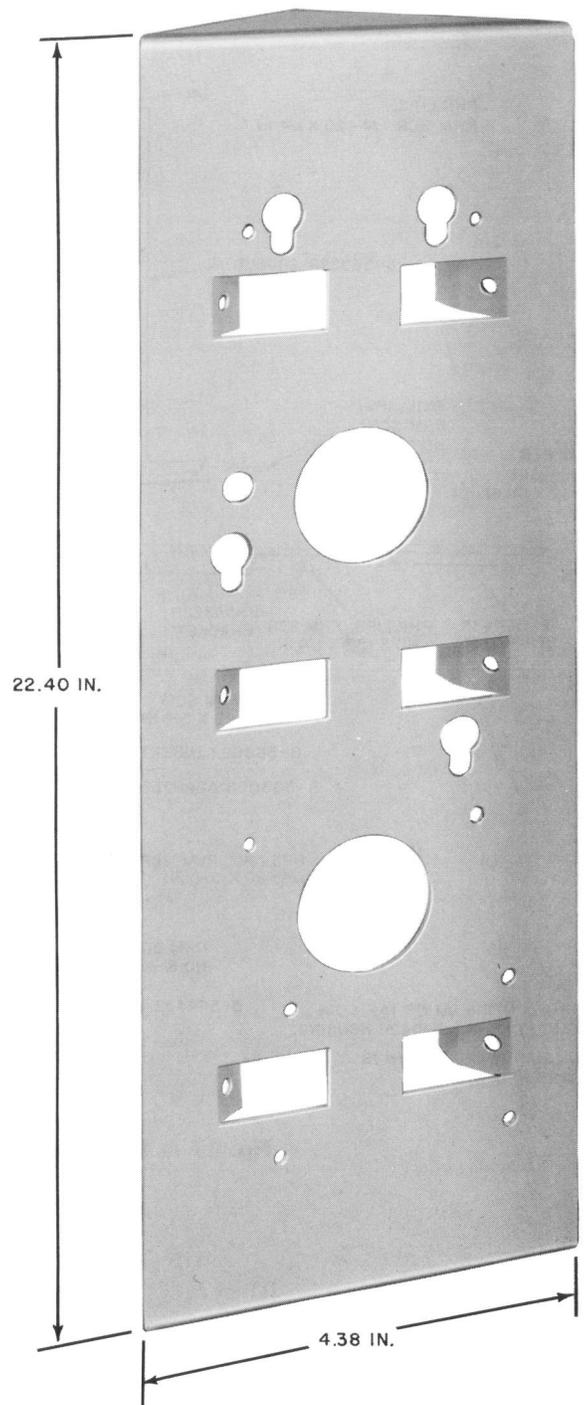
- DOUGLAS FIR PLYWOOD
- FOR MOUNTING KS-19267 COIN TELEPHONE SHELF AND LIGHTED SIGN AS ONE UNIT
- PROVIDED WITH SCREWS AND EQUIPPED WITH TEE NUTS FOR MOUNTING B-196770 SHELF BACKBOARD (COMPONENT OF KS-19267 SHELF) AND LIGHTED SIGN TO AUXILIARY BACKBOARD

Fig. 8 — KS-19267, List 10 Auxiliary Backboard



- STEEL, OFF WHITE ENAMEL
- FOR MOUNTING 200-TYPE COIN COLLECTOR OR IA-TYPE COIN TELEPHONE

Fig. 9 — KS-19340, List 53 Backboard



- STEEL, OFF WHITE ENAMEL
- FOR MOUNTING 2A1, 2A2, 235G OR 1235G COIN TELEPHONE IN KS-19340 BOOTH
- PROVIDED WITH SECURITY STUD SLOTS

Fig. 10 — KS-19340, List 54 Backboard

SECTION 506-110-105

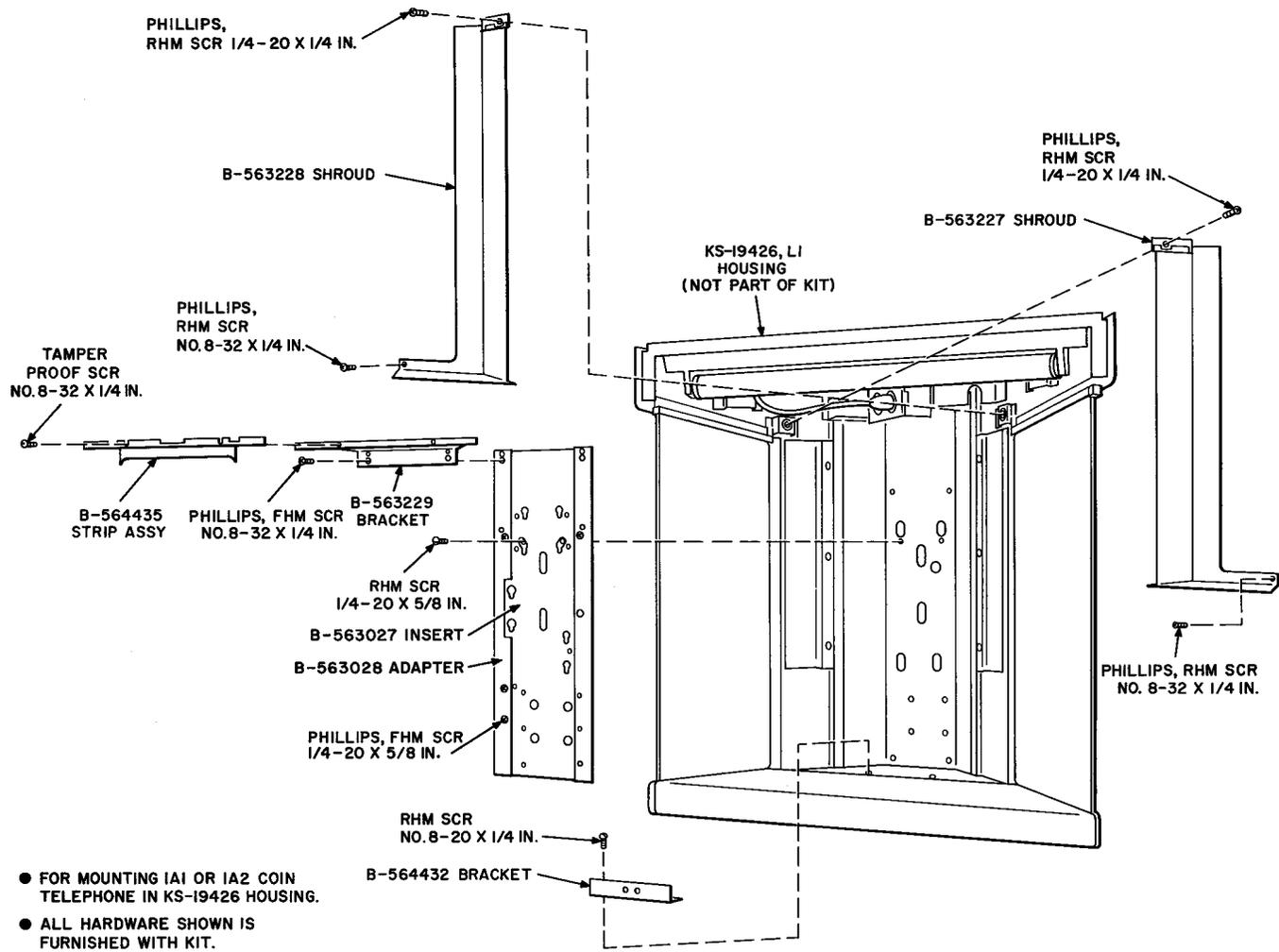
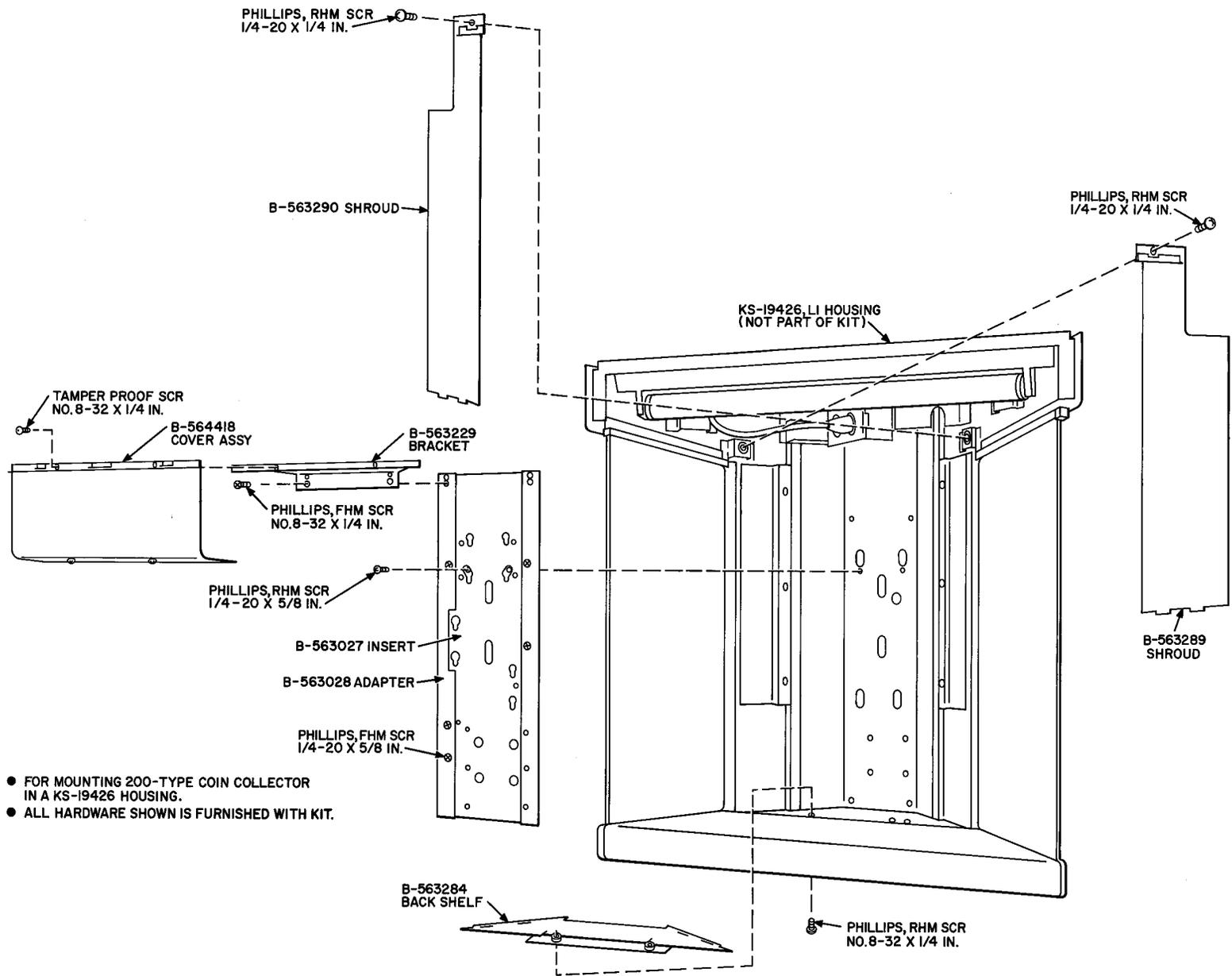
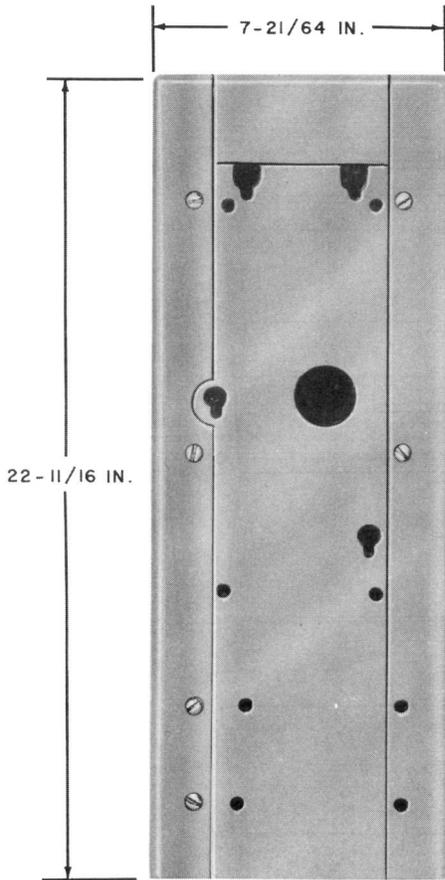


Fig. 11 — KS-19426, List 7 Backboard Installation Kit



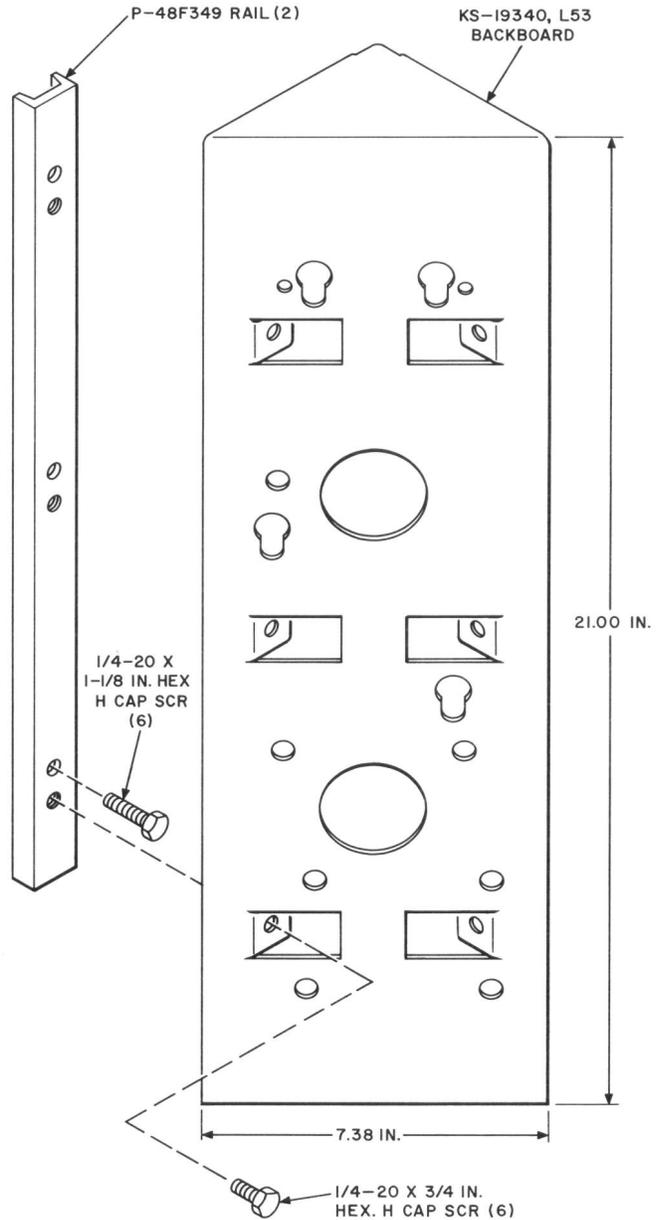
- FOR MOUNTING 200-TYPE COIN COLLECTOR IN A KS-19426 HOUSING.
- ALL HARDWARE SHOWN IS FURNISHED WITH KIT.

Fig. 12 - KS-19426, List 8 Backboard Installation Kit



- ANODIZED ALUMINUM
- FOR MOUNTING 200 TYPE COIN COLLECTORS, IA1 AND IA2 COIN TELEPHONES IN KS-16797 BOOTHS MANUFACTURED PRIOR TO JULY, 1963.
- PROVIDED WITH SCREWS FOR MOUNTING COIN TELEPHONE TO BACKBOARD
- PROVIDED WITH SECURITY STUD SLOTS
- TWO B-650326 FILLER BLOCKS MUST BE ORDERED SEPARATELY TO PERMIT BOLTING THE BACKBOARD TO THE SIDE AND BACK CROSS RAILS

Fig. 13 — B-190387-2 Backboard



- REPLACES 167A BACKBOARD FOR MOUNTING IA1 OR IA2 COIN TELEPHONE IN 10 AND 11-TYPE BOOTHS.
- ALL PARTS SHOWN ARE FURNISHED WITH KIT.

Fig. 14 — D-179939 Kit of Parts

3. INSTALLATION

3.01 Refer to Table A for proper fastening device and quantity to be used for each backboard dependent upon:

- Type of surface
- Strength and rigidity of base material



Backboards must be mounted securely using the specified number and type of fasteners. If backboards are located on an uneven surface, shim to obtain a firm mounting and use fasteners 1/2-inch longer than specified in Table A.

3.03 Refer to Section 080-720-101 for method of installing fasteners.

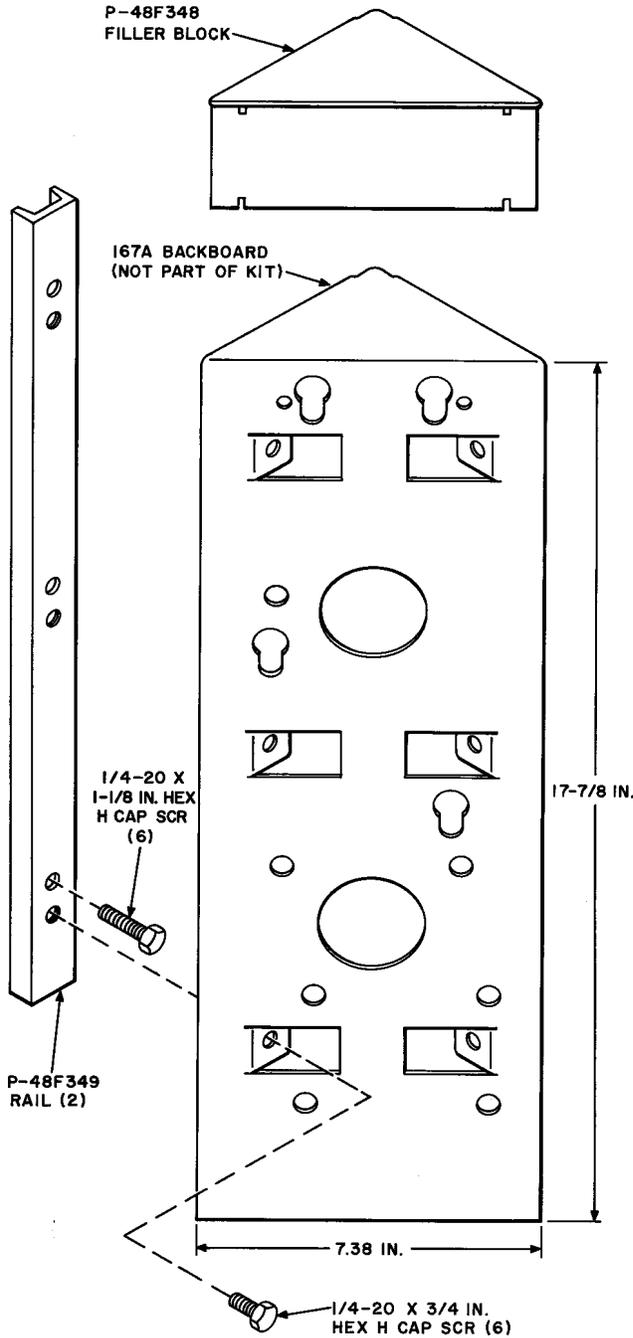
Note: When fasteners extend into or through a surface, avoid damaging existing equipment and wiring.

3.04 Backboards located outdoors should be secured with rustproof fasteners, such as galvanized screws or bolts.

3.05 If backboard must be mounted on a finely finished surface, such as glazed tile or marble, that would be expensive to repair, consult supervisor and obtain instructions before proceeding.

3.06 For installation of the following backboards, see the sections listed below:

BACKBOARD	SECTION
167A-3	508-110-200
KS-19206, List 6	508-115-200
KS-19206, List 7	508-115-200
KS-19267, List 10	508-121-100
KS-19340, List 53	508-111-200
KS-19340, List 54	508-111-200
KS-19426, List 7	508-470-200
KS-19426, List 8	508-470-200
B-190387-2	506-326-200



• PROVIDES NECESSARY PARTS TO RELOCATE EXISTING 167A BACKBOARD IN 10- AND 11-TYPE BOOTH FOR MOUNTING 1A1 OR 1A2 COIN TELEPHONE.

Fig. 15 — D-179940 Kit of Parts

TABLE A
FASTENERS USED IN MOUNTING BACKBOARDS

BACKBOARD	MOUNTING SURFACES					HOLE SIZE REQUIRED	FASTENERS	
	SOFT-WOOD	HARD-WOOD	MASONRY* (CONCRETE, BRICK)	LATH AND PLASTER	PLASTER, CINDER BLOCK, HOLLOW TILE, METAL LATH, PLASTER-BOARD†		SIZE AND TYPE (NOTE 2 AND 3)	QUANTITY (NOTE 1)
139A	•					1/8 or No. 30	1-3/4 inch No. 14 FH wood screw	4
		•				No. 30	1-1/4 inch No. 14 FH wood screw	
			•			1/2	1/4- by 20- by 1-1/2 inch FH machine screw in 1/4-inch machine screw anchor	
144D	•					1/8 or No. 30	2-inch No. 14 FH wood screw	7
		•				No. 30	1-1/2 inch No. 14 FH wood screw	
			•			5/16	2-1/4 inch No. 14 FH wood screw in No. 16 plastic anchor	
174A				•		1/8 or No. 30	2-inch No. 14 FH wood screw, secure in stud	6
					•	3/4	1/4- by 4-inch RH toggle bolt	
178A				•		1/8 or No. 30	2-inch No. 14 FH wood screw, secure in stud	6
					•	3/4	1/4- by 4-inch RH toggle bolt	
KS-19267, L10	•					1/8 or No. 30	2-inch No. 14 RH wood screw	9
		•				No. 30	2-inch No. 14 RH wood screw	
			•			5/8	5/16- by 2-inch expansion shield 5/16- by 2-3/4 inch machine screw	
				•		1/8 or No. 30	2-3/4 inch No. 14 RH wood screw (fastener must be imbedded in stud 1 inch)	
					•	1	5/16- by 4- inch BH toggle bolt	

* When mounting on plastered masonry, use fasteners 1/2-inch longer than specified.

† When mounting on plasterboard, plaster on lath, etc, fasteners must be embedded in stud at least one inch.

Note 1: Additional fasteners may be placed to ensure mounting.

Note 2: When using toggle bolts, cut off excess length.

Note 3: Size shown for wall screw anchors is diameter only. Length will be determined by wall thickness.