

REPAIR AND REPLACEMENT OF 88-TYPE CONNECTING BLOCK WITH 108-TYPE CONNECTING BLOCKS

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3. REPLACING 88 CONNECTOR IN FEEDER DISTRIBUTION INTERFACE THAT IS EQUIPPED WITH WATERPROOF ADAPTERS AND CAPS USING D-180981 KIT OF PARTS	9	(360) 108AW1-5 Connecting Block (1) 842176778 Decal (Wiring Instruction)
1. GENERAL		(1) Instruction Sheet.
1.01 This section outlines the procedures for retrofitting 88 connecting block equipped feeder distribution interfaces with 108 connecting blocks.		(c) Kit of Parts D-180983 for rehabilitating a 2700-pair unit that is not moisture proof. This kit consist of:
1.02 When this section is reissued, the reason for reissue will be listed in this paragraph.		(1) 188RG1-900 Designation Strip
1.03 The following kit of parts will have to be ordered as required to rehabilitate feeder distribution interface equipped with 88-type connecting blocks:		(1) 188RB1-1200 Designation Strip
(a) Kit of Parts D-180981—For rehabilitating a single row (25 pair) in a moisture-proof unit. This kit consists of:		(1) 788N1 Tool (2) 788K1 Tool (2) D Test Cord (AT-8662) (540) 108AW1-5 Connecting Blocks
(1) 188RG1-100 Designation Strip		(1) 842176778 Decal (Wiring Instructions)
(1) 188RB1-100 Designation Strip		(1) Instruction Sheet.
(1) 788K1 Tool		
(5) 108AW1-5 Connecting Block		
(1) Instruction Sheet.		
(b) Kit of Parts D-180982 for rehabilitating a complete 1800-pair unit that is not moisture proof. This kit consists of:		1.04 Before removing any connectors, replace the C test cord with D test cord from D kit of parts; then use the D test cord to monitor the working circuits in each 5-pair module to insure that they are not in use. When the connector is removed, the customer is out of service. Follow local procedures for out of service notification to the customer.

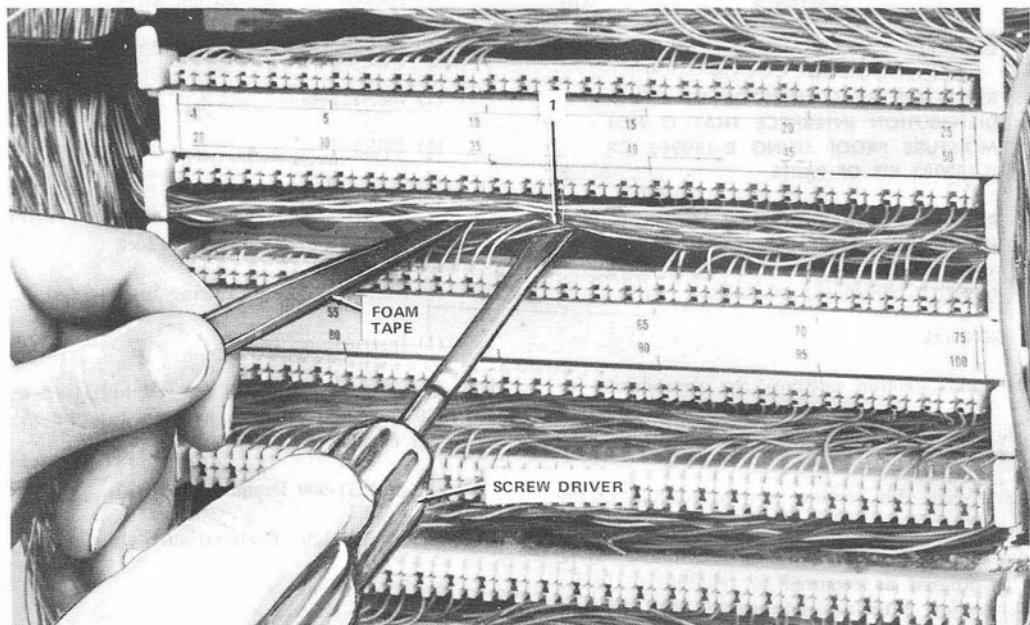
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2. REPLACING 88 CONNECTOR IN FEEDER DISTRIBUTION INTERFACE THAT IS NOT MOISTURE PROOF USING D-180982 OR D-180983 KIT OF PARTS

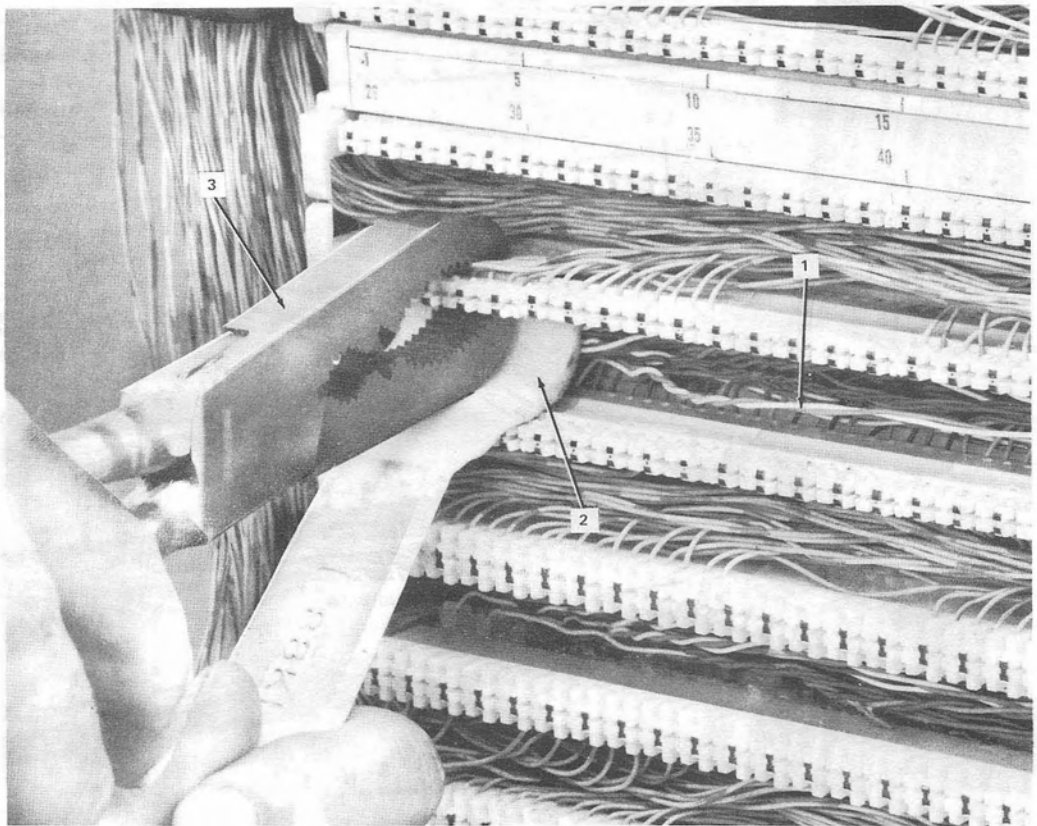
Note: The D-180982 and D-180983 kits of parts are used to rehabilitate 1800-pair and 2700-pair interfaces, respectively.

2.01 Procedures for replacing 88 connectors in a feeder distribution interface that is not moisture proof are outlined in Steps 1 through 6. It is recommended that interface be completely retrofitted.



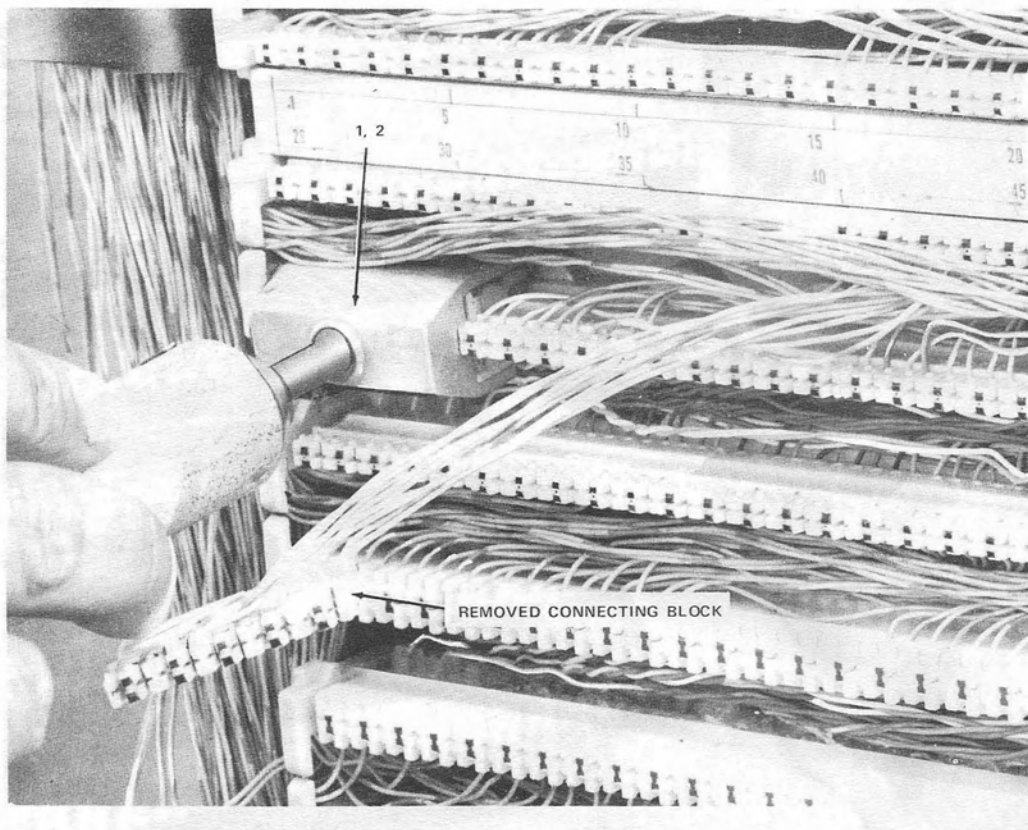
Step 1—Removing Foam Tape

1. Using a screwdriver, pry the foam tape loose from top of odd row of connectors (1, 3, 5, etc) if they are to be rehabilitated and remove from wiring block. The foam tape is not used on even rows of connectors.



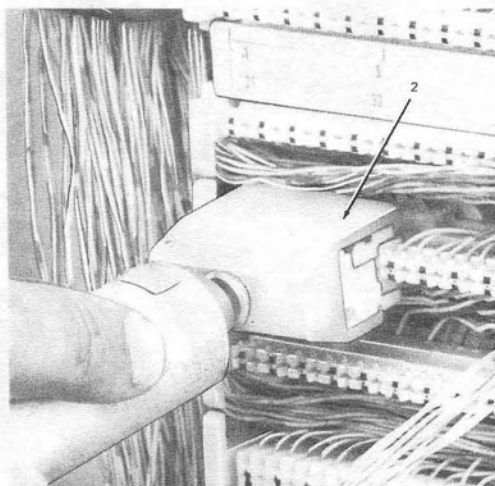
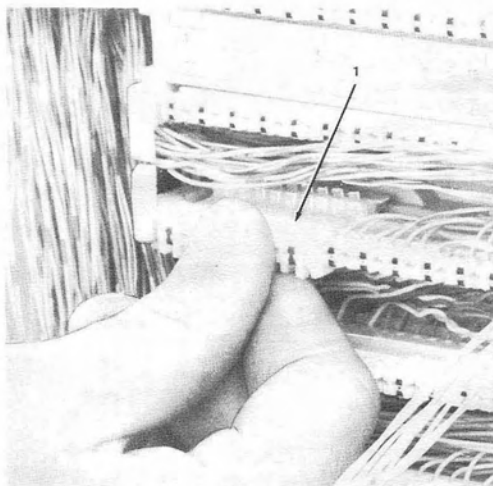
Step 2—Removing Connecting Block

1. Remove the designation strip covering the cable pairs.
2. Using a 788K1 tool, hold the cable pairs in the index strip.
3. Using gas pliers or lineman's side cutters, remove the 88 connecting block. ***Do not remove cross-connect wire from connecting block.***



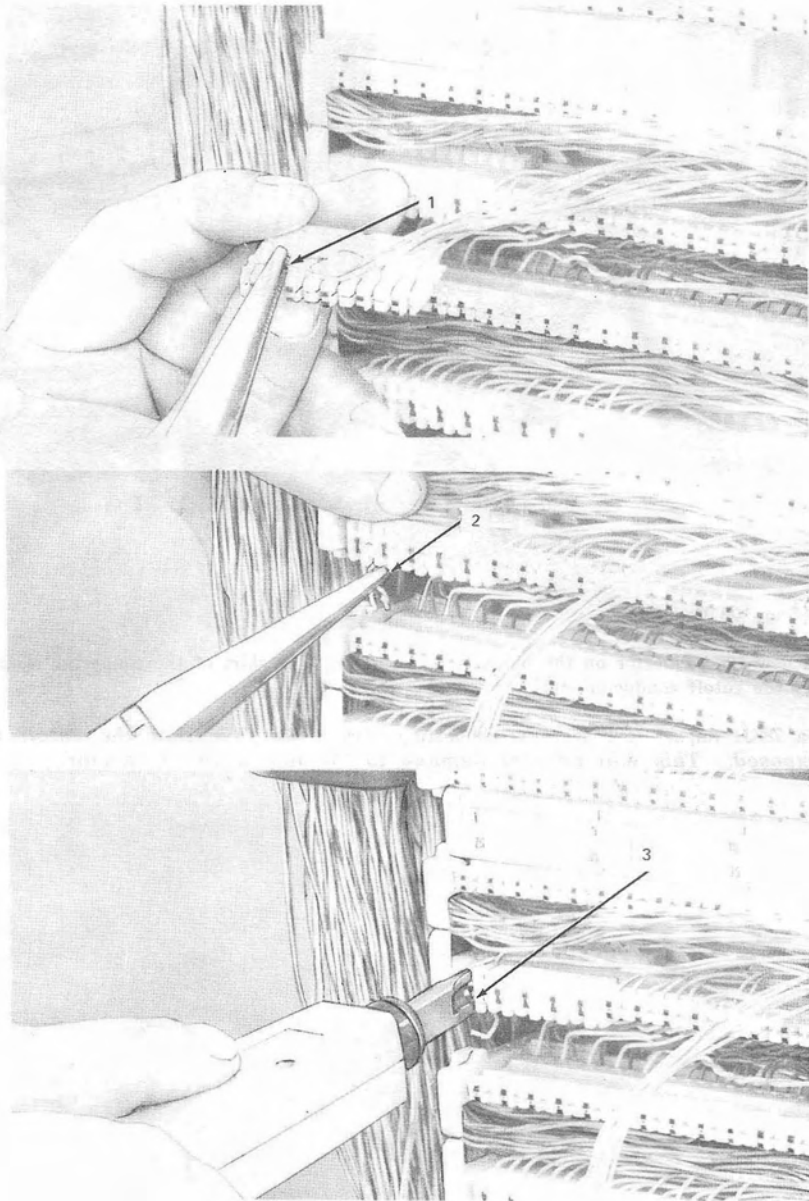
Step 3—Removed Connecting Block

1. Inspect cable pairs to assure they are still in position in the index strip. If a conductor is pulled out of the index strip, pull some slack in the conductor with a pair of long-nose pliers and replace it in the index strip.
2. Adjust the head of the 788J1 impact tool so the blades are exposed, and reseat the cable pairs in the index strip.



Step 4—Placing 108 Connector

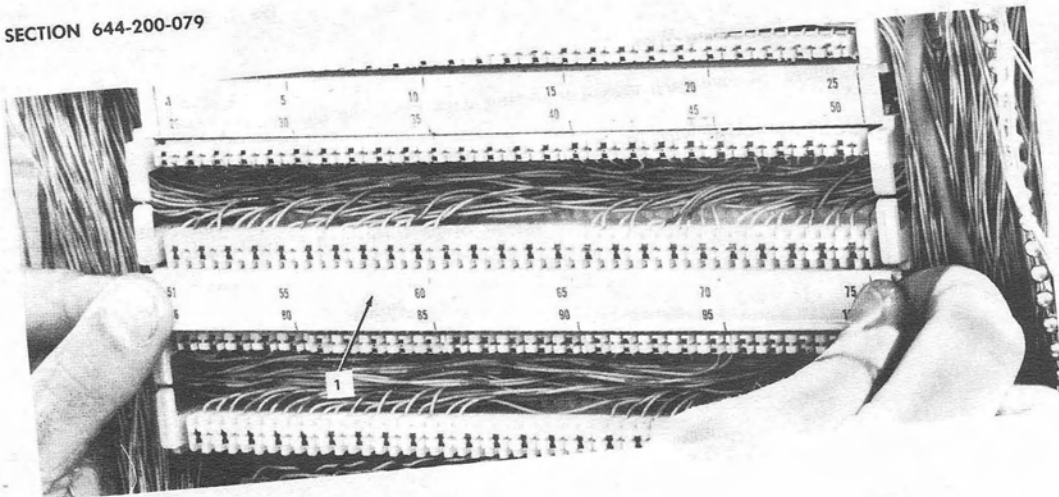
1. Place a new 108 connector on the index strip by hand. The skirt of the connector should be placed to cover the cutoff conductor ends.
2. Using a 788J1 impact tool, seat the connecting block. *Be sure that the cutoff blades are not exposed. This will prevent damage to the top of the connector.*



Step 5—Transferring Cross-Connecting Wire

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1. Using long-nose pliers, remove each cross-connecting wire from the old block.
2. Transfer each cross-connecting wire to the new block until all pairs are transferred.
3. Replace the existing 788D tool with a new 788N1 tool, then seat and trim the cross-connecting wire. Repeat 1, 2, and 3 until module is complete. Repeat Steps 1 through 5 until entire 25-pair unit is retrofitted.



Step 6—Replacing Designation Strip

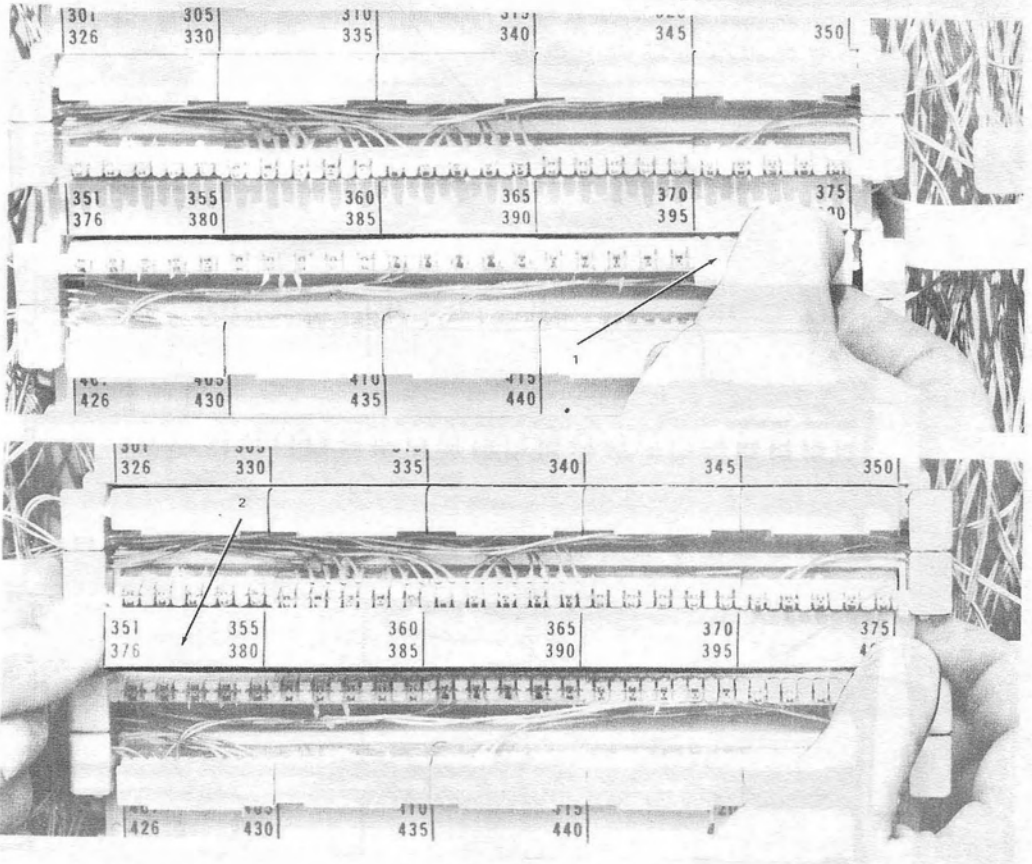
1. Replace designation strips with the ones supplied in the rehabilitation kit of parts D-180982 or D-180983.

- 2.02 Replace wiring decal on door with wiring decal furnished with kit of parts.

3. REPLACING 88 CONNECTORS IN FEEDER DISTRIBUTION INTERFACE THAT IS EQUIPPED WITH WATERPROOF ADAPTERS AND CAPS USING D-180981 KIT OF PARTS

3.01 Procedures for replacing 88 connectors in feeder distribution interface that is equipped

with waterproof adapter and caps are outlined in Steps 7 through 13. It is important that a complete row of connectors (25 pair) be replaced since the waterproof adapter will be removed. One D-180981 kit of parts is required of each row (25 pair) to be rehabilitated.

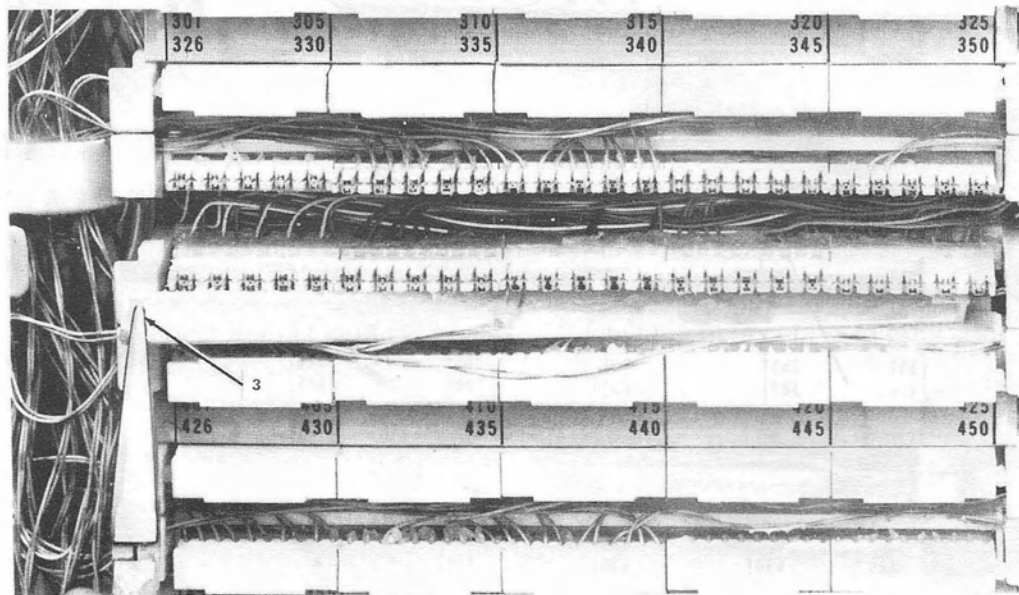
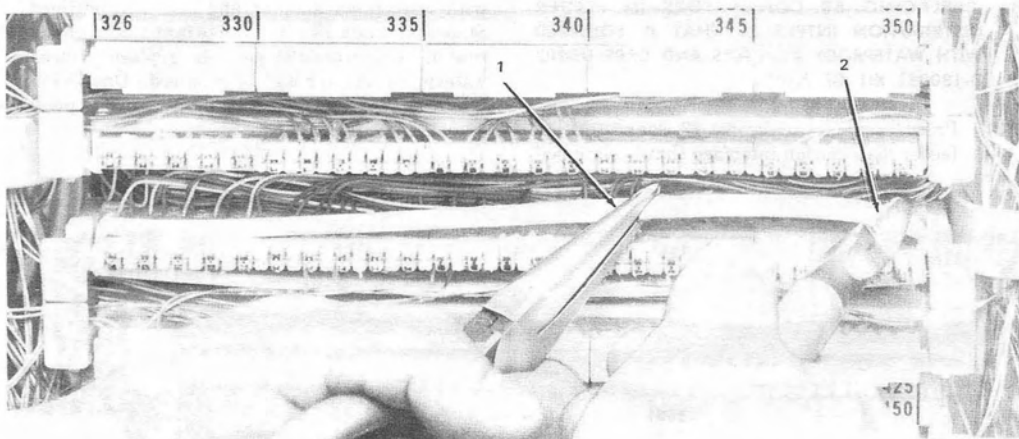


Step 7—Removing Waterproof Cap and Designation Strip

1. Remove all waterproof caps from the 88-type connectors to be retrofitted.

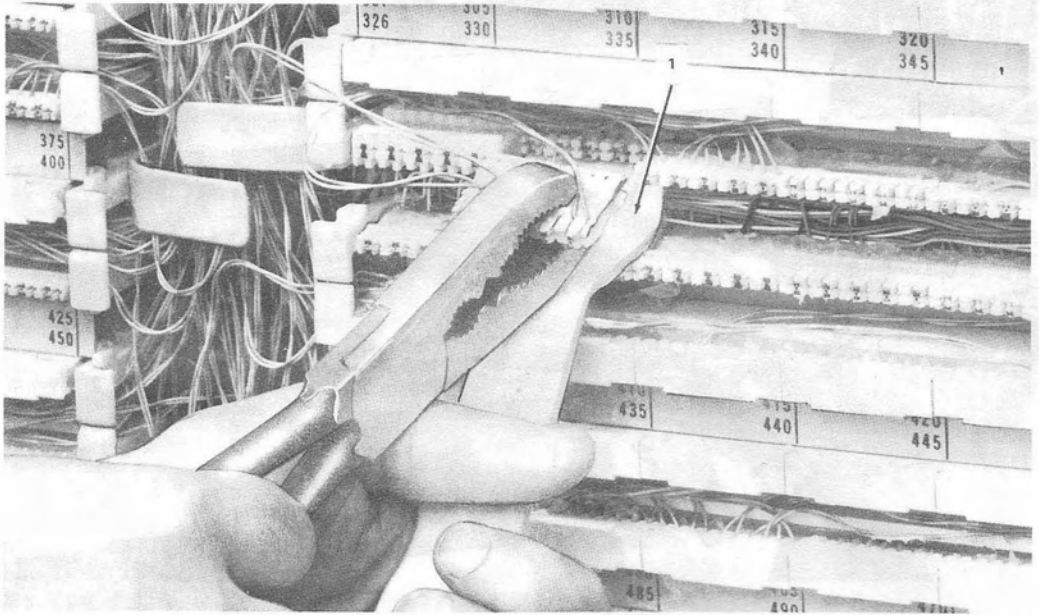
Note: In addition, it will be necessary to remove all the waterproof caps on the row adjacent to the designation strip before designation strip can be removed.

2. Remove designation strip.



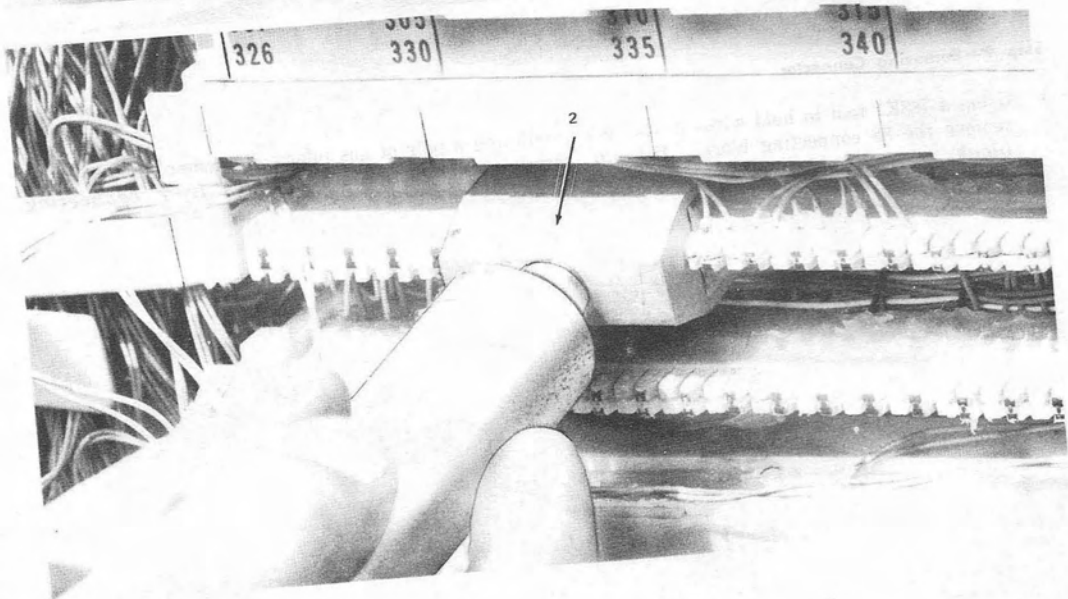
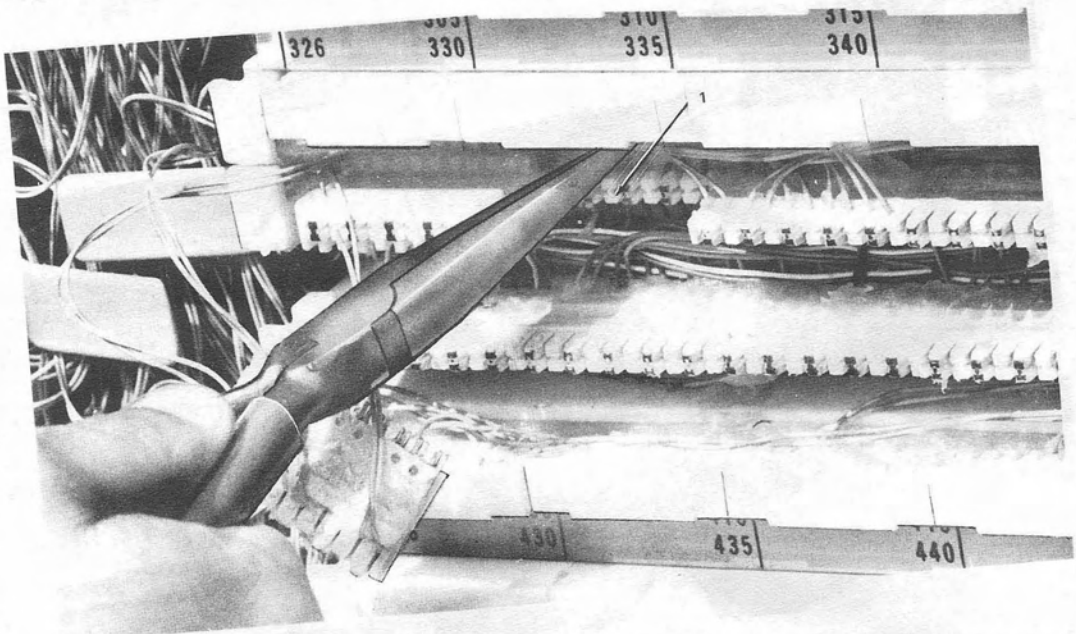
Step 8—Removing Waterproof Adapter

1. With a pair of long-nose pliers, pull the moisture proofed adapter out to the cross-connecting wires.
2. Using diagonal cutters or splicer's shears, cut the rail of the adapter at each end.
3. Remove and discard both pieces of the adapter.



Step 9—Removing Connector

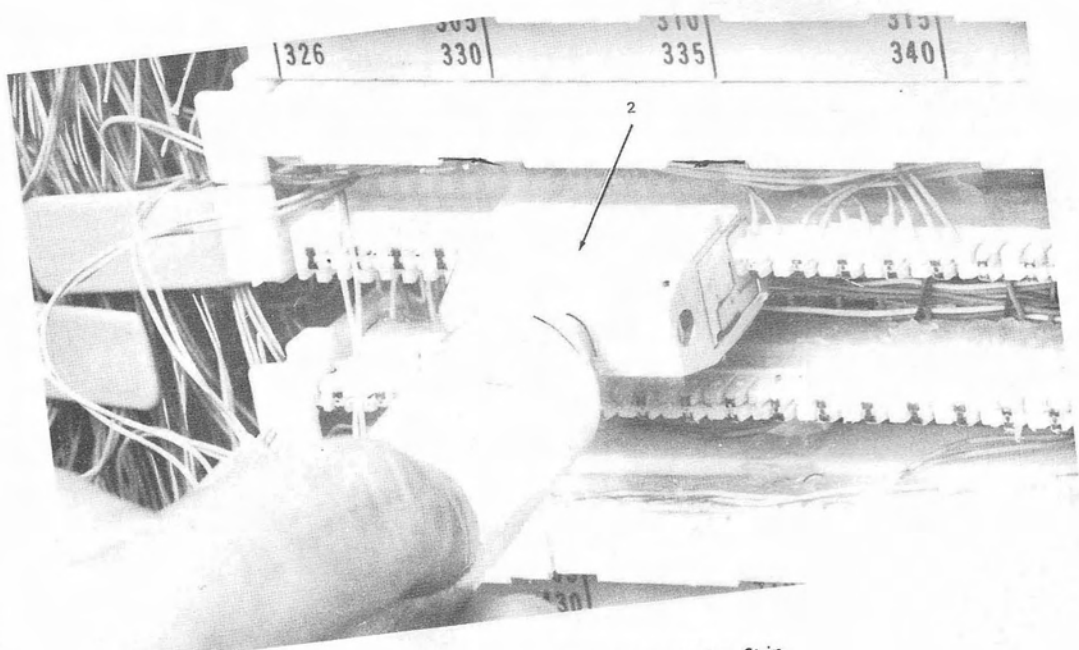
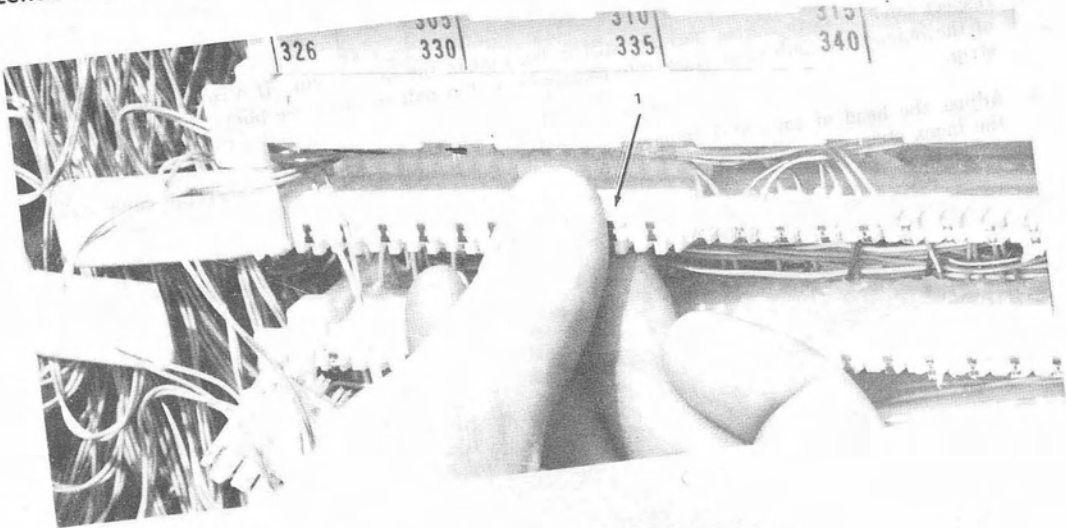
1. Using a 788K1 tool to hold wires in the index strip and a pair of gas pliers or lineman's side cutters, remove the 88 connecting block. **Do not remove cross-connecting wires from connecting block.**



Step 10—Inspect and Seat Cable Pairs

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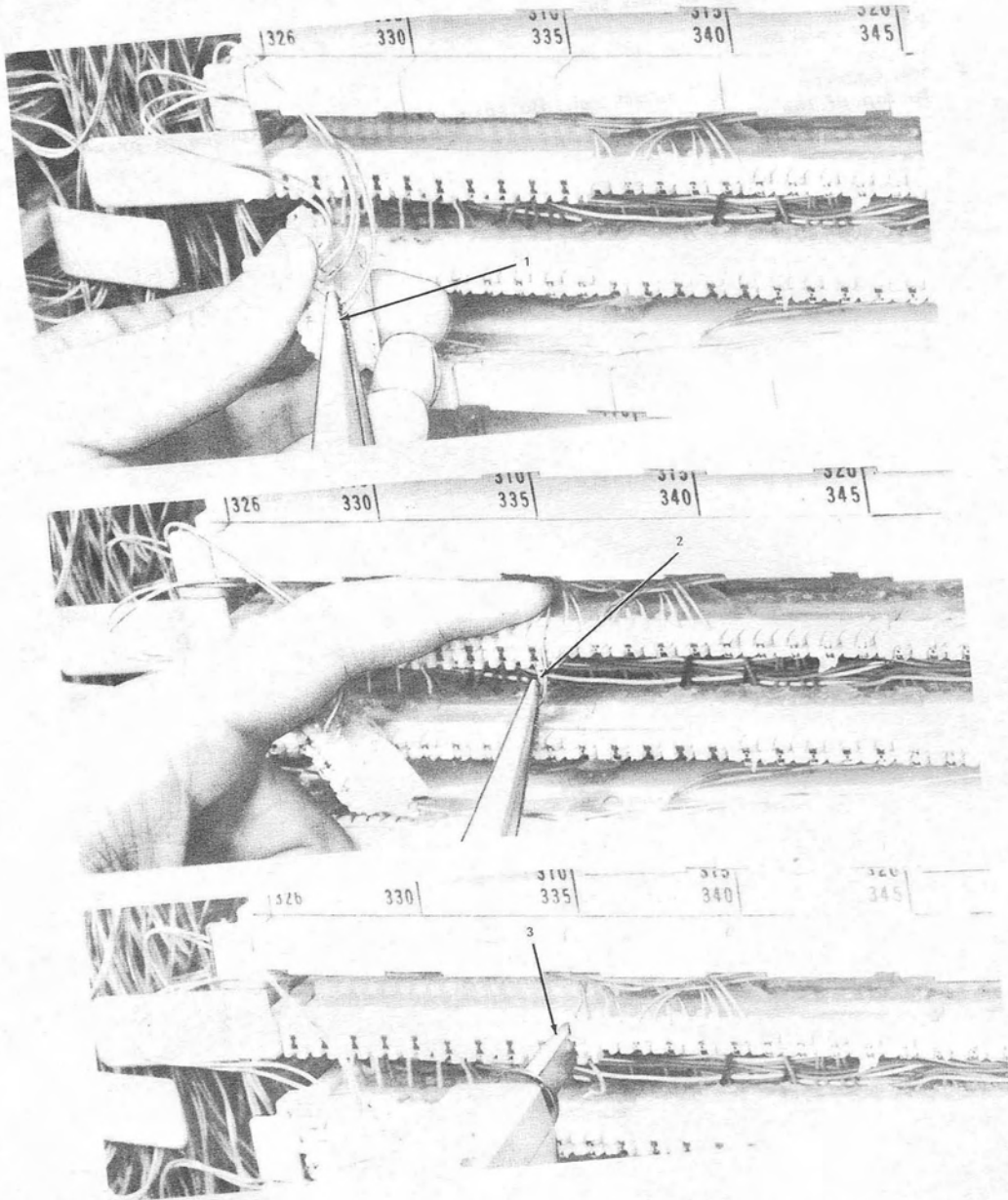
1. Inspect cable pairs to assure they are still in position in the index strip. If a conductor is pulled out of the index strip, pull some slack into conductor with a pair of long-nose pliers and replace in index strip.
2. Adjust the head of the 788J1 impact tool so the blades are exposed and reseat the cable pairs in the index strip.



Step 11—Placing Connector on Index Strip

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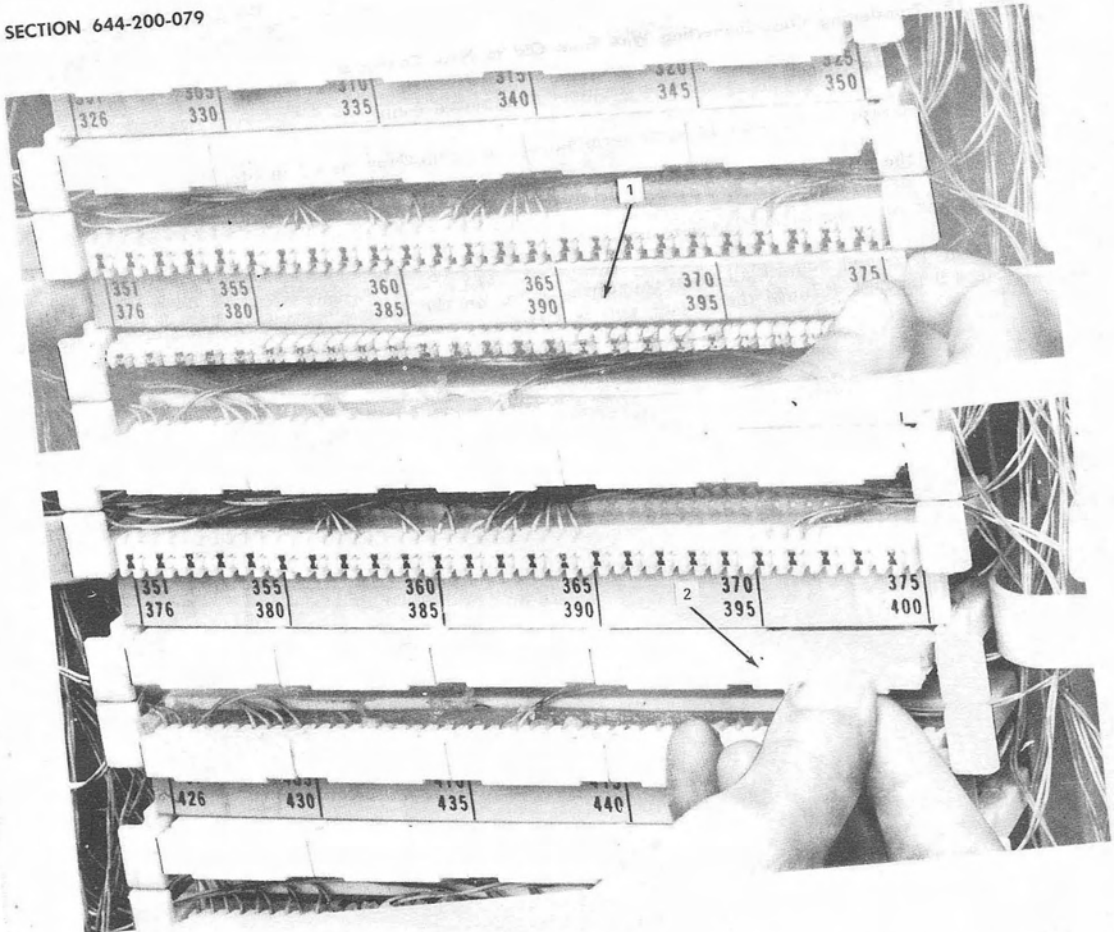
1. Place new 108 connector on index strip.
2. Seat connector with 788J1 impact tool. ***Be sure blades are not exposed to prevent damage to top of the connector.***



Step 12—Transferring Cross-Connecting Wire From Old to New Connector

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1. Remove cross-connecting wire from terminal of removed connector.
2. Place cross-connecting wire in same terminal on new connector placed in Step 11.
3. Replace the existing 788D tool with a new 788N1 tool.
4. Seat and cut cross-connecting wire using 788N1 tool.
5. Repeat 1, 2, and 3 until all cross-connecting wires on the module have been transferred. Repeat Steps 9 through 12 until the 25-pair unit is retrofitted.



Step 13—Replacing Designation Strip

1. Replace designation strip with the ones supplied in the rehabilitation kit of parts D-180981.
2. If the adjacent row was not rehabilitated, place new waterproof caps on the connectors.