

**214533 AND 214534 CONNECTOR RETAINERS  
(FOR USE WITH NORTHERN TELECOM DIGITAL  
ANNOUNCERS AND SPECIAL FUNCTION KITS)**

**EQUIPMENT DESCRIPTION AND INSTALLATION**

Add the following information to the Installation Instructions:

**CAUTION:** Always shut off the Dc power by removing the -48V fuse at a power distribution point or unplugging the Ac Converter before moving the Retainer.

1.01 Edge Connector Retainers have been added to all current production runs of Digital Announcers. The Retainer serves the dual function of captivating the Edge Connectors used for Announcer Interface Wiring and providing both electrical and mechanical protection for the exposed connector pins. The Edge Connector Retainers have slotted mounting holes so that the mounting screws need not be removed when connectors must be accessed. Figure 1 shows Edge Connector Retainers used for 20-pin (P/N 214533) and 44-pin (P/N 214534) Edge Connectors.

1.02 Edge Connector Retainers may be removed by loosening each mounting screw about one full turn and lifting the Retainer up and off (see removal procedure steps A-D in figure 2; the procedure may be reversed for installation). If necessary, the Retainer may be turned at a right angle and slid over the edge connector to separate the two from each other (figure 2E). Use care when handling the wiring attached to the connector to avoid creating open, intermittant, or shorted circuits.

1.03 References

- 60-213287 Remote Record Circuit Kit Installation and Operation Instructions
- 60-213289 Three Channel Add-On Kit Equipment Description and Installation

- 60-213300 Model 213300 Single Channel Digital Announcer Operation and Maintenance Manual
- 60-213385 Multi-Ring Trip Access Kit Installation and Operation Instructions
- 60-213388 Ring Trip Access Circuit Kit Installation and Operation Instructions
- 60-213400 Model 213400 Multi-Channel Digital Announcer Operation and Maintenance Manual
- 60-213420 Model 213420 Four Channel Synchronous Announcer Equipment Description, Installation and Operation
- 60-215000 DMS-10 Digital Announcer System Interface Equipment Description, Installation, and Operation Manual

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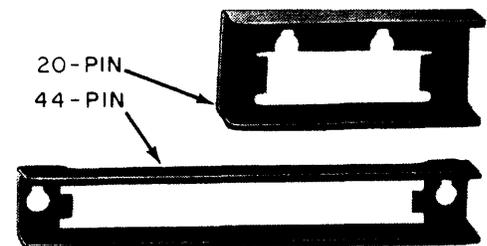
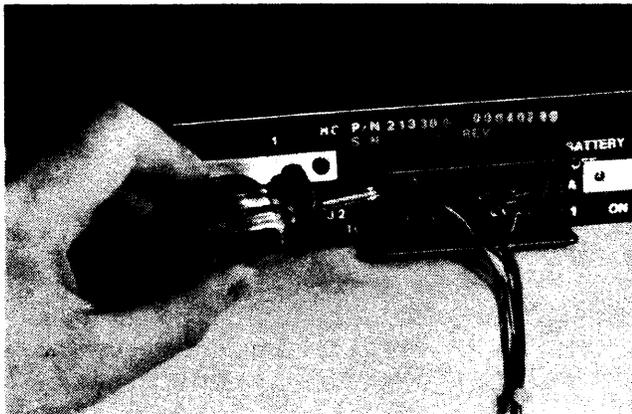
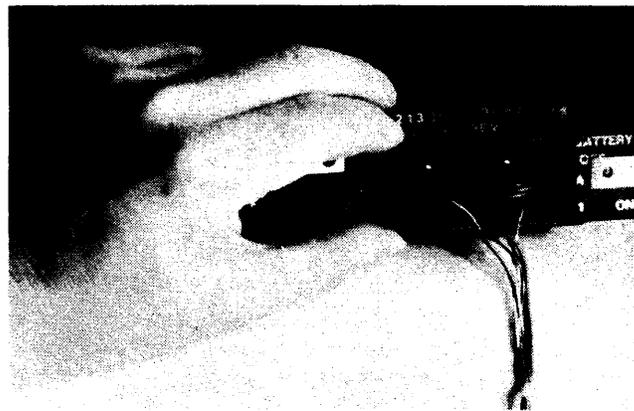


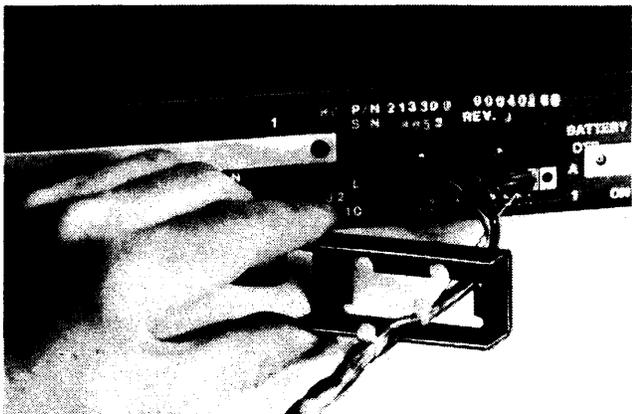
Fig. 1 - Edge Connector Retainers



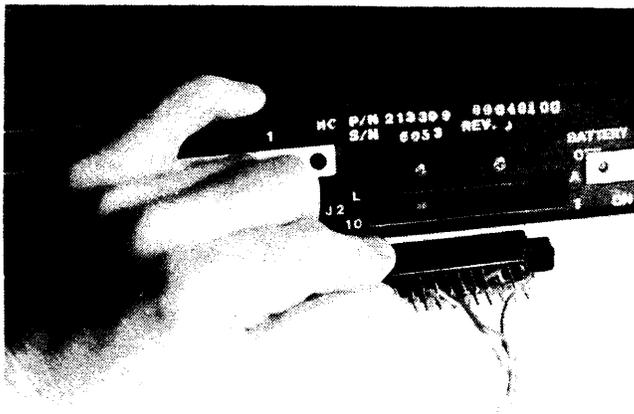
A. - Loosen Connector Retainer Mounting Screws one full turn (Do Not Remove)



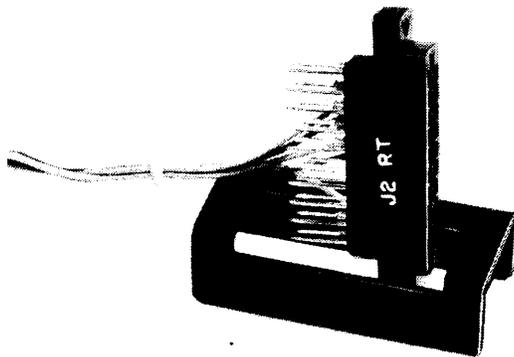
B. - Lift Connector Retainer up to disengage keyhole slots from the screws



C. - Pull Connector Retainer back enough to clear Edge Connector wirewrap pins



D. - Remove Edge Connector from Printed Circuit Board with a rocking motion



E. - If necessary, turn Connector Retainer sideways and slide off Edge Connector

Fig. 2 - Removing Connector Retainer and Edge Connector (reverse steps for installation).