

Model DR 4300 Circular Chart Recorder Replacement Instruction

Communication Printed Circuit Assembly Kit (51404750-502)

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Kit Contents This kit contains the following parts:

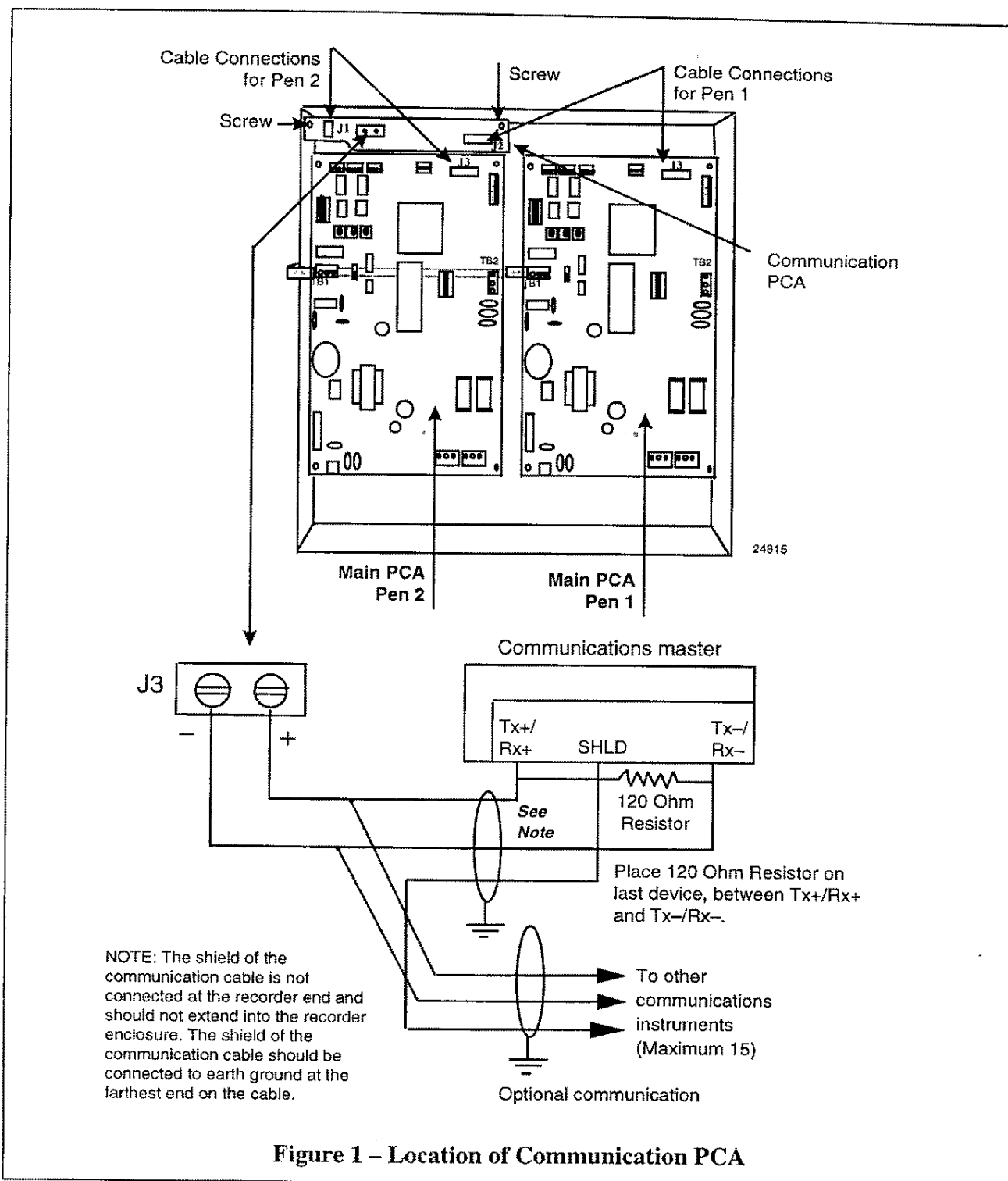
- Communication Printed Circuit Assembly (PCA)
- Cables (2)
- Connector

Summary Enclosed is a new communication printed circuit assembly for your DR4300 recorder. Use the following procedure to install the PCA.

WARNING Never access components inside the case with power applied.

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Component Location Refer to Figure 1 for the location of the Communication board and its components, and Table 1 for the installation procedure.



Installation Procedure Follow the procedure in Table 1 to install the new Communication PCA in your recorder.

Table 1 – Communication Printed Circuit Assembly Installation

Step	Action
1	Power down the recorder. Open the chart door and swing the chart plate out. <i>If you are replacing an existing Communication PCA, go to Step 2.</i> <i>If this is an upgrade, go to Step 5.</i>
2	Disconnect the removable terminal block from the J3 plug on the Communication PCA.
3	Remove the cable(s) from the J3 connector(s) on the Main PCA for pen 1 and pen 2, if applicable.
4	Remove the two screws from the Communication PCA and lift the board from the case.
5	Position the new PCA in the case and secure with screws.
6	Referring to Figure 1, connect a cable from J2 connector on Communication PCA to J3 connector on Main PCA for pen 1. If applicable, connect a cable from J1 on Communication PCA to J3 connector on Main PCA for pen 2.
7	<i>If this is a replacement procedure, reconnect the removable terminal block to J3 on the Communication PCA.</i> <i>If this is an upgrade kit, use the connector provided. Refer to Figure 1 for wiring information.</i>