

## DR 4500 Circular Chart Recorder

## Replacement Instruction

*Membrane Switch (30754957-501)*

### Summary

Enclosed with this instruction is a new membrane switch (keyboard) for your DR 4500 recorder. Use the following procedures to replace the existing membrane switch. The following procedures assume that the chart door is opened, the chart plate is swung out, and the power is removed.

**WARNING:** *Never access components inside the case with power applied.*

### Removing Display PCB

#### Procedure

**NOTE:** *Removing the display PCB will make the membrane switch replacement task easier.*

1. Remove screws, noting location of ground wire connection, and display PCB from back of chart plate.
2. Disconnect plugs from connectors J1 (optional light), J2 (main PCB), and J3 (keyboard) on display PCB, as applicable.

### Replacing Membrane Switch

#### Procedure

1. Carefully pry membrane switch from front of chart plate pulling cable plug through slot.
2. Press new membrane switch, feeding cable plug through slot, firmly into place so display is visible through cutout.

### Installing Display PCB

#### Procedure

1. Connect plugs to connectors J1, J2 and J3 on display PCB, as applicable.
2. Place display PCB over mounting holes and secure with screws, connecting ground wire as noted in Step 1 of Removing Display PCB.
3. Close chart plate.
4. Apply power and run key test. See Product Manual supplied with recorder for details