1. PURPOSE:

The purpose of the 90-MOTIONL3ADA modification is to fulfill an ADA requirement compliant specifying a horn / strobe when door is in motion for logic operators. This provides 24Vdc power when the operator is running to the S+ S- terminal strip for connection to the horn / strobe provided. As only 20VA extra capacity has been provided for with the transformer upgrade, the number of horn / strobe devices that can be connected is limited to one (1). Used on all Logic 3 operators.

2. ELECTRICAL BOX COMPONENTS:

The necessary electric box components for the 90-MOTIONL3ADA are documented in the following H/J electric box.
2. ELECTRICAL BOX COMPONENTS “H” / “J” E-BOX INSTALL (continued):

FASTON TAB COVER FOR UNUSED TERMINAL

TERMINAL BLOCK SECURED USING LOCK NUT AND #6 PAN HEAD SCREW (2 PLACES) ALSO APPLIES TO “T” INSTALLATION

PAN HEAD SCREW INSERTED FROM OUTSIDE OF BOX (ONLY ONE PLACE SHOWN, TWO ARE NECESSARY) ALSO APPLIES TO “T” INSTALLATION

BRIDGE RECTIFIER SECURED WITH ONE #8 PAN HEAD SCREW

BRIDGE RECTIFIER WIRE CONNECTIONS (RED POSITIVE) REFERENCE DRAWING #90-32704
2. ELECTRICAL BOX COMPONENTS “T” E-BOX INSTALL (continued):

- BRIDGE RECTIFIER
- 40VA TRANSFORMER UPGRADE (SAME RULES APPLY AS ON “H” E-BOX)
- TERMINAL BLOCK
- AUX RELAY OPTION CARD
2. ELECTRICAL BOX COMPONENTS “T” E-BOX INSTALL (continued):

- AUX RELAY OPTION CARD INSTALLED ON L3 MAIN BOARD SHOWING POWER CONNECTIONS TERMINALS 13 AND 14
- FASTON TAB COVER FOR UNUSED TERMINAL
- TERMINAL BLOCK WITH LABEL
- RECTIFIER WIRE LOCATIONS REFERENCE DRAWING #90-32704

REFERENCE DRAWING #90-32704