



1334-MOD-B

Local Output Digital Voltmeter

Description The 1334-MOD-B provides a (3) digit LED display which is representative of the nominal AC output voltage of the Drive. The circuitry of the Output Volts Display Board looks at the DC Bus/100 and "Q" pulse signals, which are a function of pulse width modulation, to synthesize the AC output voltage.

The Output Volts Display Board provides a relative but not absolute indication of AC output voltage. Factors which can affect the accuracy of the digital display include:

- AC line voltage variations which cause change in the DC Bus voltage.
- Motor loading.
- Regulation and loading of an external distribution transformer which is supplying input power to the Drive.

IMPORTANT

The Output Volts Display Board has been pre-calibrated at the factory. Field recalibration is not possible nor required.

The 1334-MOD-B Local Output Digital Voltmeter may only be used with:

- Bulletin 1334 5-10 HP 460V Series A Drives
- Bulletin 1334 3-10 HP 460V Series B Drives
- Bulletin 1334 15-50 HP 460V Series A Drives
- Bulletin 1335 12 & 16 Amp Variable Torque Drives
- Bulletin 1335 22-96 Amp Variable Torque Drives

If a remote Bulletin 1334 or 1335 460V display is required, the 1334-MOD-B2 Remote Output Digital Voltmeter Option Kit must be used.

Kit parts are designed to fit into existing mounting provisions on the Drive chassis without the need to modify the chassis. When properly mounted, the volts display can be viewed through the display window of the Drive enclosure without affecting the enclosure rating.

Each 1334-MOD-B Option Kit Includes:

- (1) Local Output Volts Display Board, P/N 50379
- (4) $\frac{3}{4}$ ", $\frac{1}{4}$ -Turn Standoffs, P/N 201106
- (1) 3-10 HP/12 & 16 Amp Ribbon Cable Assembly, P/N 41441-001
- (1) 15-50 HP/22-96 Amp Ribbon Cable Assembly, P/N 41441-002
- (3) Adhesive Backed Ribbon Cable Clamps, P/N 200391
- (1) Ribbon Cable Caterpillar Grommet, P/N 120613

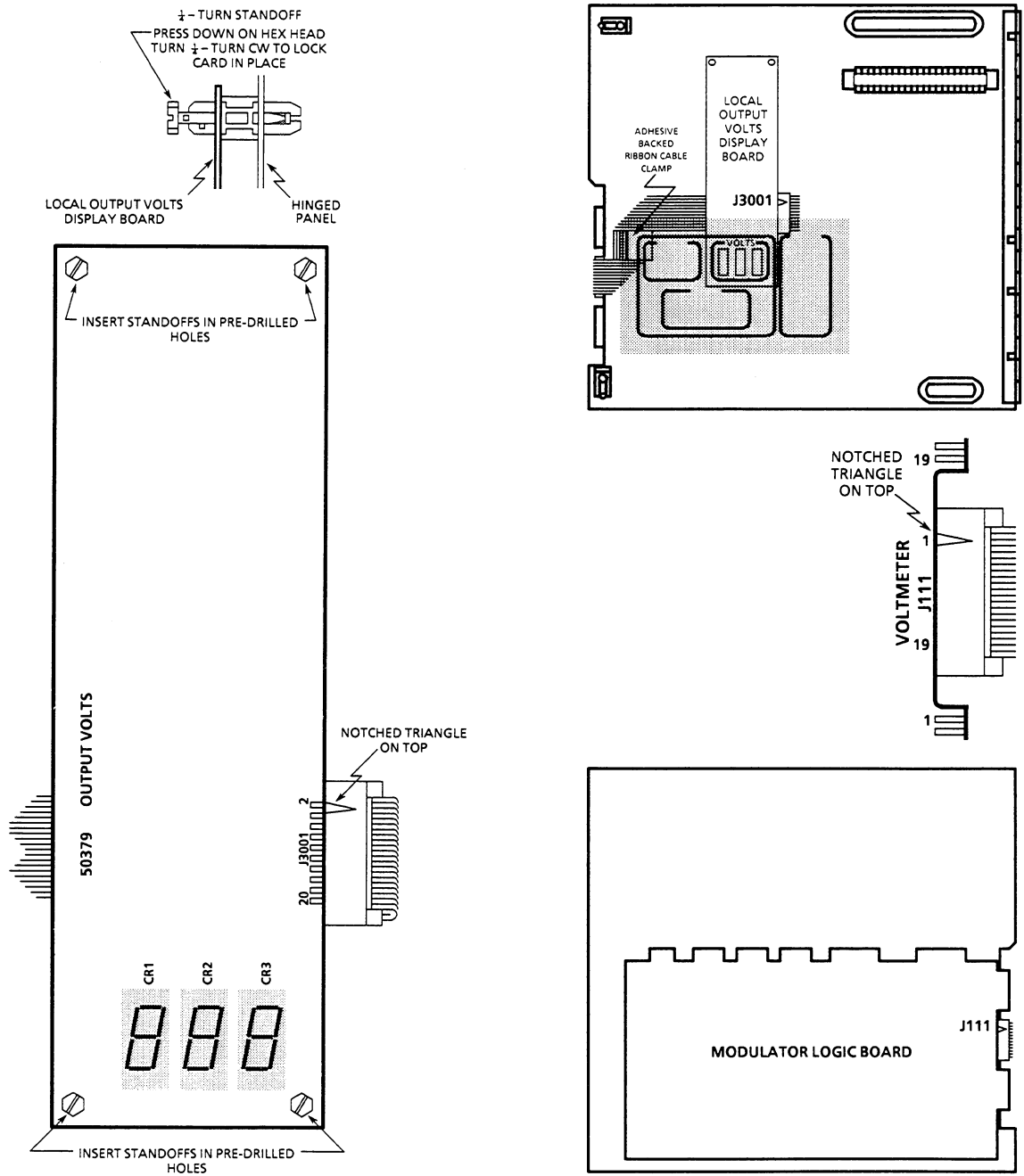
Installation



WARNING

Only personnel familiar with the Drive and its associated machinery should plan or implement the installation, startup, and adjustment of MOD kits. Failure to comply may result in personal injury and/or equipment damage.

To guard against personal injury, always remove power to the Drive at the disconnect device and ensure that DS1 is not lit when boards or wires are being installed or connected. Refer to the instruction manual for your Drive for LED location.



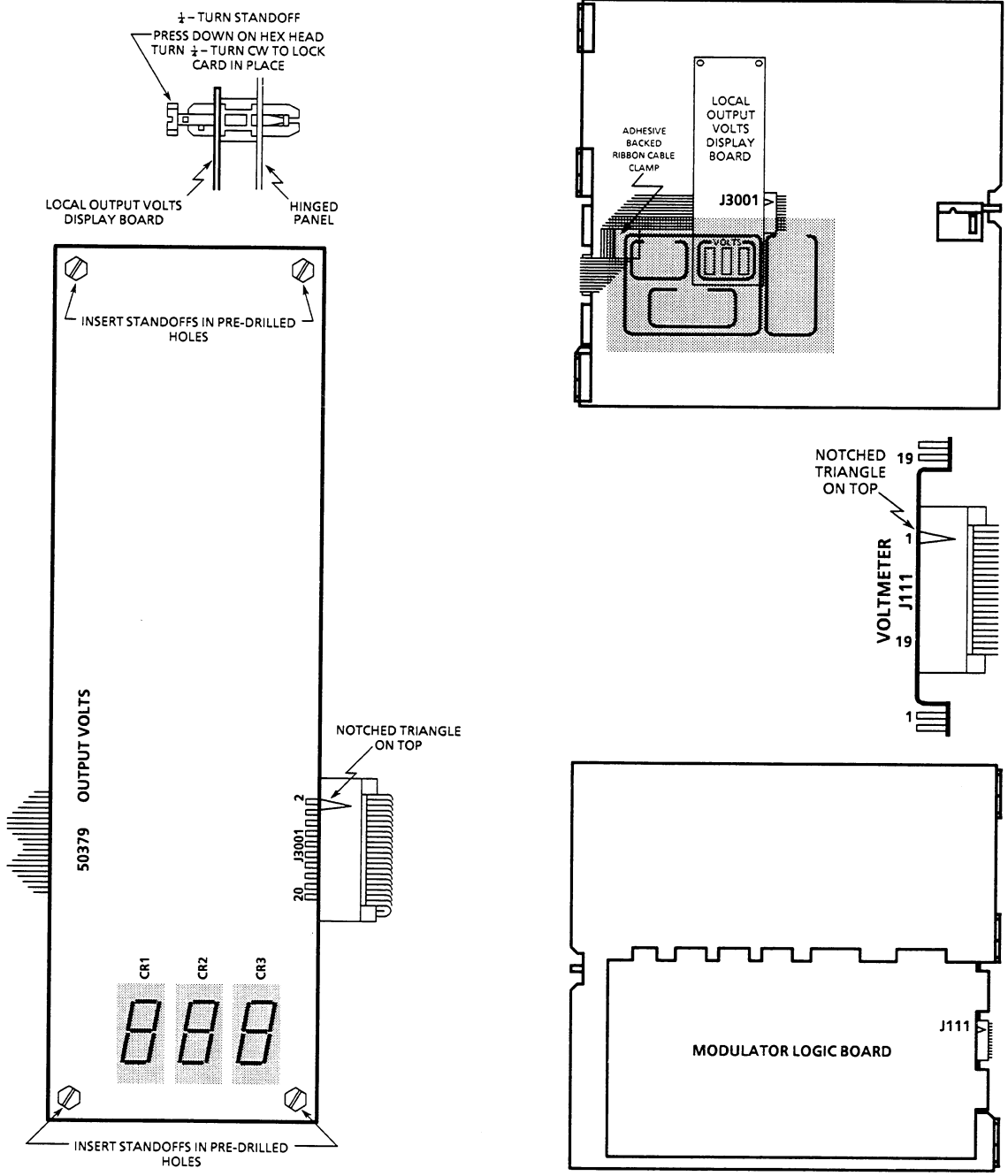
Local Output Volts Display Board & Cable Installation

- Bulletin 1334 5-10 HP 460V Series A Drives -

Installation
(continued)

Local Output Volts Display Board Installation

Remove the plastic display panel on the front of the hinged panel and install the (4) $\frac{3}{4}$ " $\frac{1}{4}$ -turn standoffs in the pre-drilled holes. Position the Local Output Volts Display Board onto the standoffs and secure as shown.



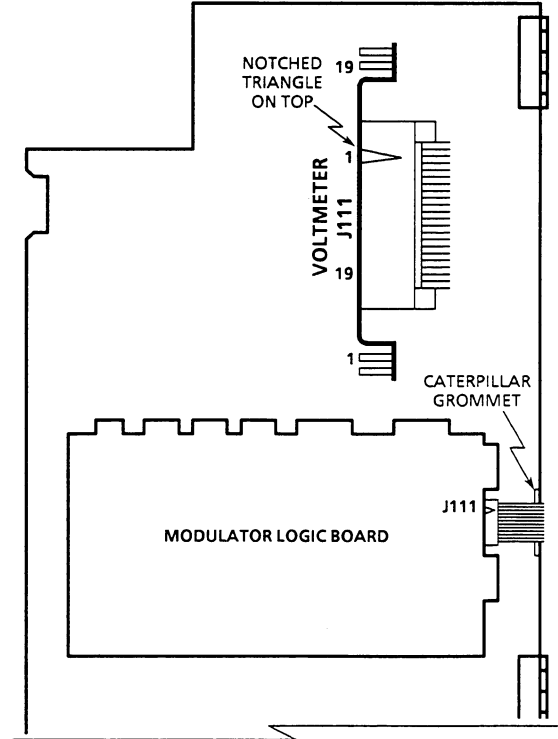
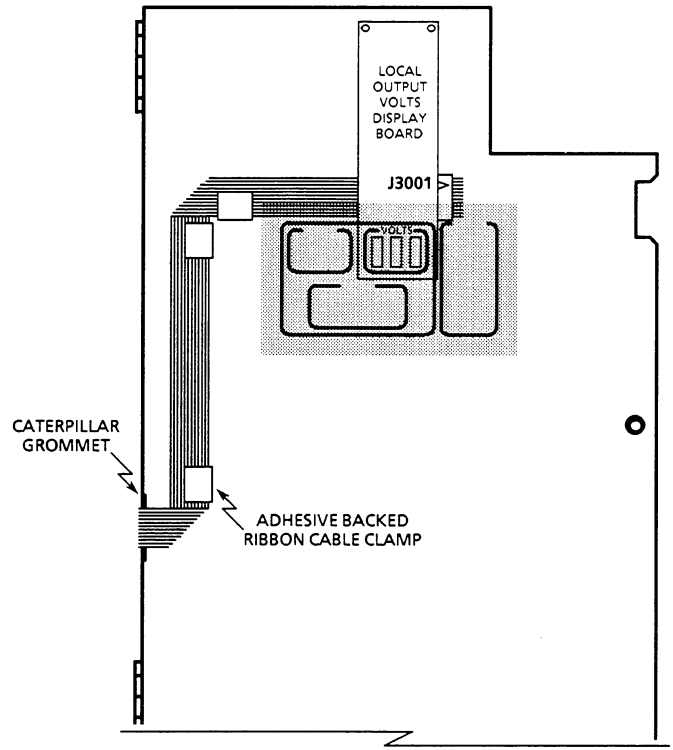
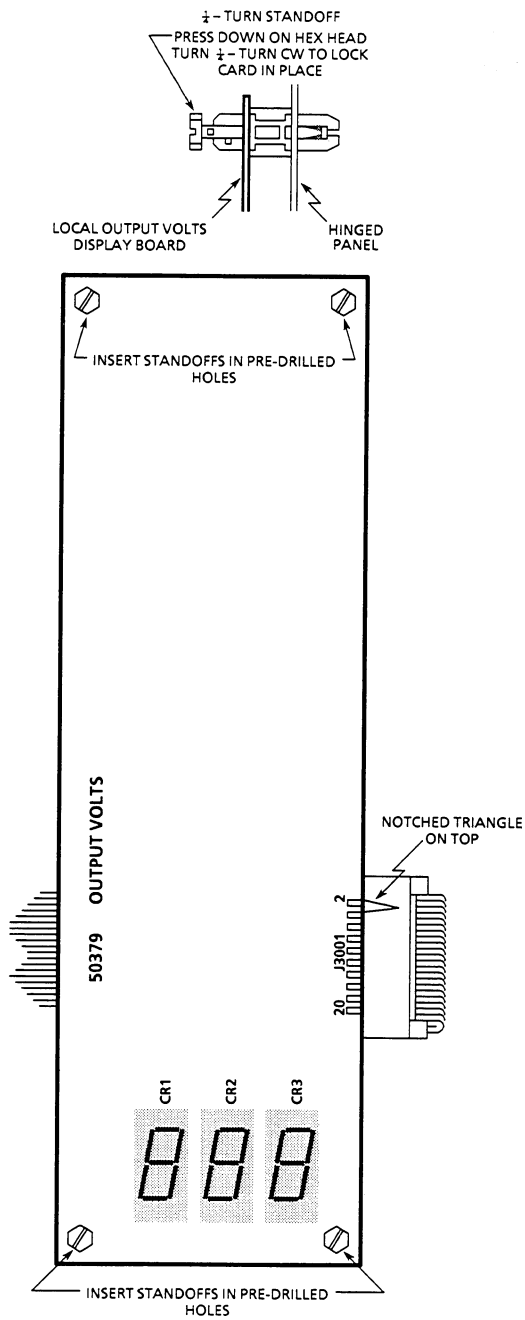
Local Output Volts Display Board & Cable Installation

- Bulletin 1334 3-10 HP 460V Series B Drives -
- Bulletin 1335 12 & 16 Amp Variable Torque Drives -

**Installation
 (continued)**

Cable Installation

Route and connect the ribbon cable between Local Output Volts Display Board connector J3001 and Modulator Logic Board connector J111. Ensure that the notched triangle on both ends of the ribbon cable is as shown. For 15-50 HP Series A Drives & 22-96 Amp 1335 Drives, install the ribbon cable grommet to protect the ribbon cable against abrasion where it crosses the door edge. Secure the ribbon cable by installing the adhesive backed ribbon cable clamps as required.



Local Output Volts Display Board & Cable Installation

- Bulletin 1334 15-50 HP 460V Series A Drives -
- Bulletin 1335 22-96 Amp Variable Torque Drives -



Drives Division
 Cedarburg, Wisconsin 53012-0005

