



1334-MOD-F3

Jog at Set Speed

Description The Bulletin 1334 Jog at Set Speed Option Kit provides a separate selector switch for either the 1334 Series A or Series B Drive to allow the Drive to be jogged at the speed set by the Drive speed reference signal. The switch allows the **START** pushbutton to serve as either a momentary Jog pushbutton when the selector switch is set to **JOG** — or a latched Run pushbutton when the selector switch is set to **RUN**.

IMPORTANT

The Bulletin 1334-MOD-F3 Option Kit is designed to operate with the standard three-wire Bulletin 1334 Start/Stop control scheme and must not be used with two-wire control.

Each Bulletin 1334-MOD-F3 Option Kit includes:

- (1) Bulletin 1334, Series A, Jog Wiring Harness, (P/N 197167)
- (1) Thread Speed Wiring Harness, (P/N 197166)
- (1) Adhesive Backed Cable Tie Mounting Block, (P/N 238848)
- (14) Cable Ties, (P/N 222747)
- (1) Reversing Control Panel, (P/N 171252-002)
- (1) Non-Reversing Control Panel, (P/N 171252-003)
- (2) Top & Bottom Control Panel Gaskets, (P/N 150014-003)
- (2) Left & Right Control Panel Gaskets, (P/N 150014-004)
- (1) Three Position Rotary Selector Switch, (P/N 201205)
- (5) Switch Gaskets, (P/N 150020-002)

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 & lock out power to the Drive at the main supply disconnect and all other power source disconnects. 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.

IMPORTANT

If the Drive has a 1334-MOD-F2 Option Kit already installed, ignore the following steps. The jog function was enabled when the 1334-MOD-F2 Option Kit was installed. Read the **Operation** description of the Jog at Set Speed function on **page 4** to ensure understanding of its operation.



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WORLD HEADQUARTERS
1201 South Second Street
Milwaukee, WI 53204 USA
Tel: (414) 382-2000
Telex: 43 11 016
FAX: (414) 382-4444

**EUROPE/MIDDLE EAST/AFRICA
SALES HEADQUARTERS**
Allen-Bradley Europa B.V.
Amsterdamseweg 15
1422 AC Uithoorn
The Netherlands
Tel: (31) 2975/68811
Telex: 844 18042
FAX: (44) 2975/60222

ASIA/PACIFIC HEADQUARTERS
Allen-Bradley(Hong Kong) Limited
2901 Great Eagle Center
23 Harbour Road
G.P.O. Box 9797
Wanchai, Hong Kong
Tel: (852) 5-739391
Telex: 780 64347
FAX: (852) 5-745326

CANADA HEADQUARTERS
Allen-Bradley Canada Limited
135 Dundas Street
Cambridge, Ontario N1R 5X1
Canada
Tel: (519) 623-1810
Telex: 069 59317
FAX: (519) 623-8930

**LATIN AMERICA
HEADQUARTERS**
1201 South Second Street
Milwaukee, WI 53204 USA
Tel: (414) 382-2000
Telex: 43 11 016
FAX: (414) 382-2400

MOTION CONTROL DIVISION
4300 West Brown Deer Road
Brown Deer, WI 53223

AB Spares

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Installation
(continued)

- Step 1** Remove the existing switches and speed pot from the control panel. Remove the existing operator control panel from the Drive enclosure door.
- Step 2** Select a new control panel using the following guidelines.
- Use control panel P/N 171252-002 for Drives **with** a Local Reversing switch — 1334-MOD-J.
 - Use control panel P/N 171252-003 for Drives **without** a Local Reversing switch — 1334-MOD-J.
- Step 3** Reinstall the existing switches & speed pot on the new control panel. Install the Jog/Run/Thread selector switch on the new control panel discarding the ring-type gaskets included with the switch, and using the gaskets supplied with the kit.
- Step 4** If required, install new gasket material around the opening in the enclosure door to maintain NEMA enclosure requirements. Install the new operator control panel and tighten nuts to 9 in-lbs.
- Step 5** If installing the Jog/Run/Thread selector switch on a **Series A Drive**, install the Jog Wiring Harness between the Jog/Run/Thread Selector Switch and control wiring terminal block **1TB**. Route and connect the wires as shown. If required, cut the harness to length during installation.
- If installing the Jog/Run/Thread selector switch on a **Series B Drive**, locate the unused **BLACK** and **WHITE** wires in the ribbon cable between the operators control panel and control wiring terminal block **TB1**. Connect the wires as shown. If required, cut the wires to length during installation.
- Step 6** Install the Thread Speed Wiring Harness between the Jog/Run/Thread Selector Switch and the control wiring terminal block — **1TB** for Series A, **TB1** for Series B. Route and connect the wires as shown. If required, cut the harness to length during installation.



WARNING

To avoid injury to personnel or damage to equipment, the Thread Speed Wiring Harness must be installed.

- Installation of the Thread Speed Wiring Harness will allow deceleration to the Drive minimum speed set by **R26** on the Modulator Logic Board should **THREAD** be selected.
- Failure to install the Thread Speed Wiring Harness will cause the Drive to operate at **RUN** speed should **THREAD** be selected.



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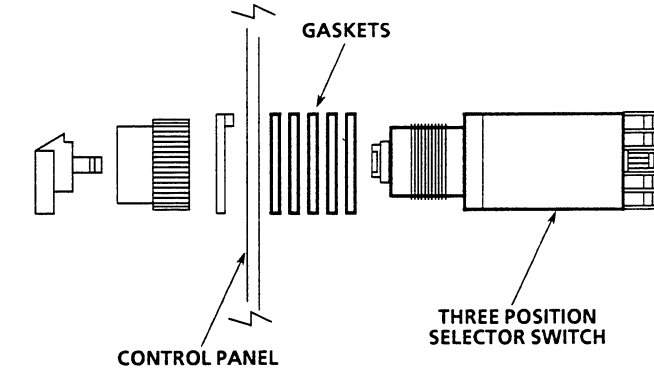
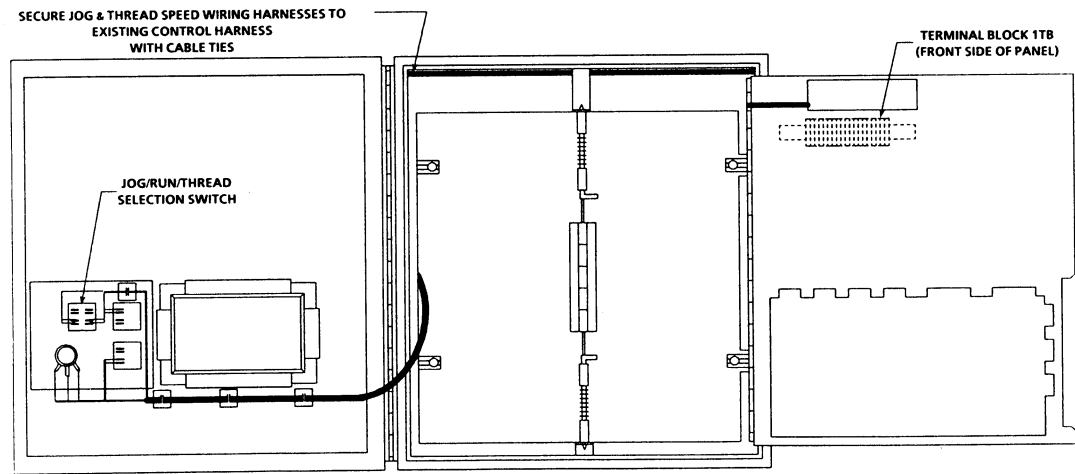
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Canada
Tel: (519) 623-1810
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Milwaukee, WI 53204 USA
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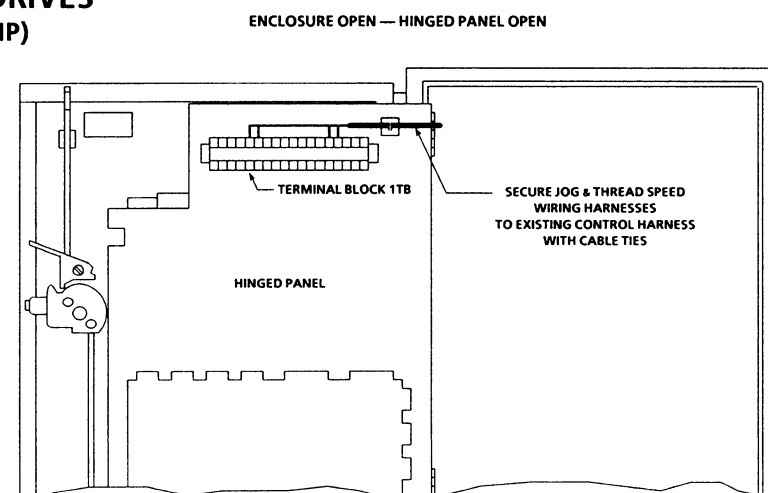
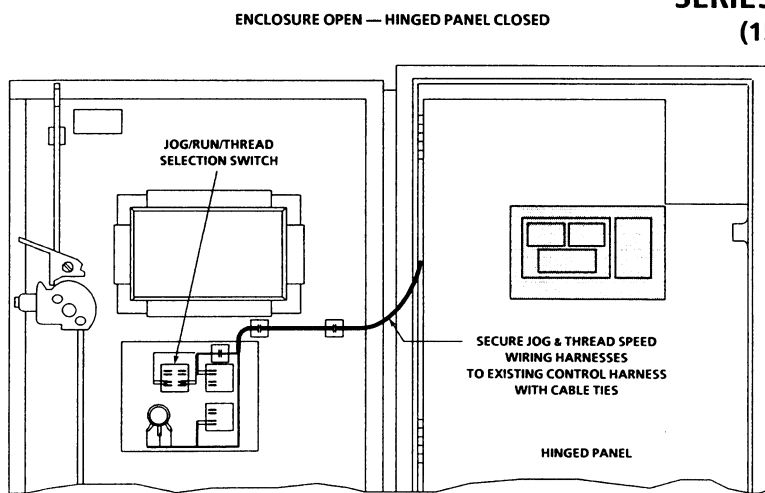
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4300 West Brown Deer Road
Brown Deer, WI 53223

BULLETIN 1334-MOD-F3 INSTALLATION

**SERIES A DRIVES
(5-10HP)**



**SERIES A DRIVES
(15-50HP)**



CONNECT THE BLACK, WHITE, BROWN, & YELLOW WIRES TO TB1 OR 1TB, TERMINALS 5, 6, 15 & 16 RESPECTIVELY

**SERIES B DRIVES
(3-10HP)**

