



1370AR & 1387

Firing Board Replacement Instructions

Description When replacing the Firing Board on a Bulletin 1370AR or 1387 it is necessary to set two (2) jumpers on the Firing Board for proper Drive operation.

The following procedure describes the removal, installation and jumper settings for the Firing Board.

Installation



WARNING: To avoid a shock hazard, ensure that all power has been removed to the Drive before performing the following procedure.

1. Remove all power to the Drive.
2. Loosen the screws securing the swing-down panels. Swing the panels down exposing the Firing Board.
3. Mark and remove the various cables connected to the board. Remove the board, noting orientation.
4. Prior to installing the replacement Firing Board, two (2) jumpers on the board **MUST** be set to assure proper operation.

Refer to Figure 1 and locate the jumpers. Set the jumpers for your particular Drive using the information provided in the table below.

Drive Type	Jumper	Setting	Description
Bulletin 1387 Series B Spindle Drive Applications	J10	1-2	Internal armature current reference
	J11	1-2	Internal field current reference
Bulletin 1370AR * Industrial Drive Applications	J10	1-2*	Speed regulator modes
		2-3*	Torque regulator modes
	J11	1-2*	Speed regulator modes
		2-3*	Torque regulator modes Armature voltage feedback

* **IMPORTANT:** Jumper settings for the Bulletin 1370AR may vary from the prescribed settings due to requirements of the particular application. When replacing the board, set jumpers in reference to the existing board.

Installation
(Continued)

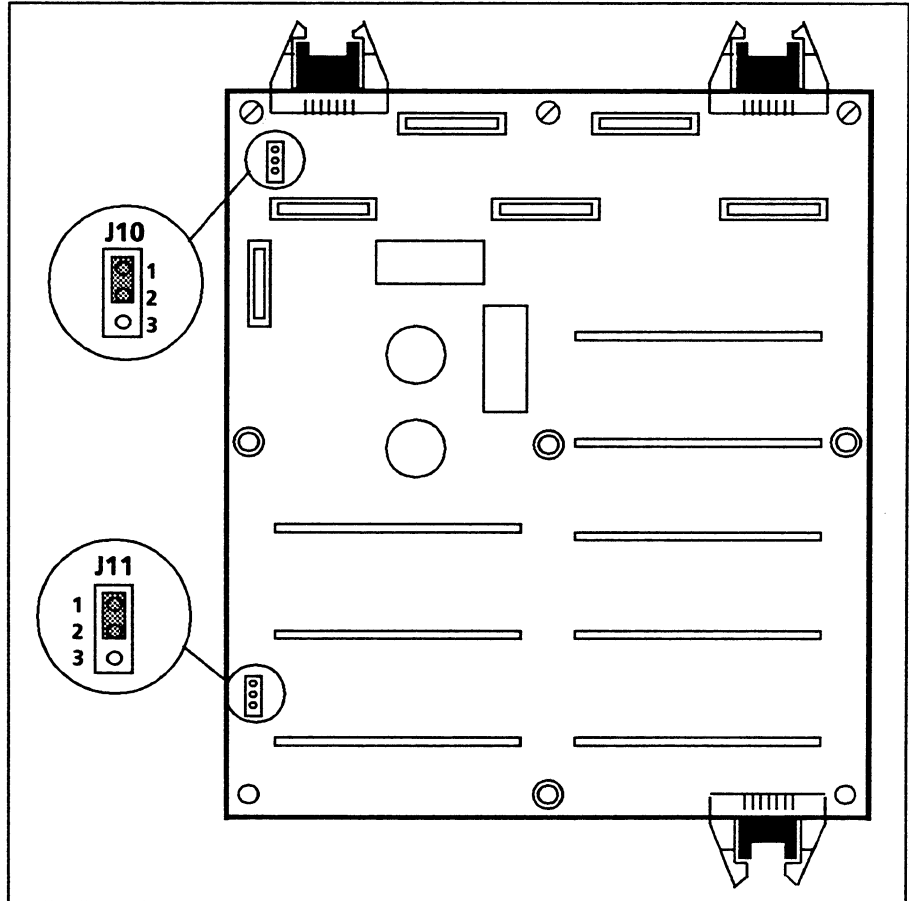


Figure 1 – Firing Board Jumper Locations

- 5. Correctly position the replacement board on the panel and secure.
- 6. Reconnect the various cables, checking for correct placement.
- 7. Secure the swing down panel in the upright position.
- 8. Check the Drive for proper operation.