

Change Summary

Gemini GV6 Hardware Installation Guide

Revision B

February 1, 2002

The following is a summary of the primary technical changes to this document since the previous version was released.

This document, part number 88-018364-01B, supersedes 88-018364-01A.

GV6-H40 Drive Added to Gemini Product Line

NEW: Information about the Gemini GV6-H40 Drive has been added throughout this *Hardware Installation Guide*.

+24VDC Power Input – Current Specification (page 35)

CHANGE: The input current specification has been changed from 500 mA *maximum* to 500 mA *minimum* required from your power supply.

Connecting V Bus±: Fuse Each Drive (page 36)

CLARIFICATION: When connecting two or more drives through their V Bus± terminals, fuse the AC input lines of each drive, as the drawing labeled *Sharing the Power Bus* now shows.

TASX, Bit 5 – Resolver Failure (page 50)

CHANGE: The TASX command's Bit 5 indicates resolver failure (not encoder failure).

Analog Input Added (page 63)

NEW: An analog input has been added to the DRIVE I/O connector, on pins 23 and 24 of the 50 pin connector.

Soldercup Connectors Specified (page 58 & 64)

NEW: Mating soldercup connectors and backshells are specified for the 50 pin DRIVE I/O connector and the 26 pin MOTOR FEEDBACK connector.

Panel Layout – Vertical Clearance for GV6-H20 (page 71)

CHANGE: Allow 2 inches (50.8 mm) below a GV6-H20 drive. If you mount another drive above a GV6-H20, allow at least 4 inches (100 mm) vertical clearance above the GV6-H20; allow 6 inches (150 mm) if operating at full power.

Non-CE Cables (pages 74 – 75)

NEW: Compumotor now offers non-CE cables.

Hall Sensors – Configuration and Troubleshooting (page 78)

NEW: Information about configuring and troubleshooting Hall sensors has been added to *Appendix B Using Non-Compumotor Motors*.

Ferrite Absorbers Recommended for GV6-H20 (page 84)

CHANGE: For increased product immunity and reduced product emissions, particularly with large servo motors, we now recommend that you install two clip-on ferrite absorbers.