

FEATURED PRODUCT

MDPAK5 Upgrade Program



REPLACEMENT FOR THE RAD02 AMPLIFIERS

All RAD02 Series amplifiers were manufactured by Toshiba Machine about 30 years ago and marketed by Industrial Indexing Systems (IIS) as the MDPAK5 product line. This durable amplifier design serves many customers' of Industrial Indexing Systems today.

The RAD02 Series are unrepairable due to part availability. To address this situation IIS is selling a replacement package built around the new Shibaura (Toshiba) Machine Co., LTD. X-Series amplifier.

The new replacement package is a direct physical replacement for the RAD02 Series (Fig 1 and Fig 2). To make this package possible the servomotor, driven by the RAD02 amplifier, must be upgraded to conform to the resolver feedback electronics of the new X-Series amplifier. A motor upgrade, which is part of the package price, will replace the old resolver feedback device and include the installation of a new front shaft bearing and new rear shaft bearing in the motor. Since failed motor bearings (Fig 3) are the most common source of catastrophic failure, the refurbishing process will extend the life of the old motor at a lower cost compared to the price of a new motor.

Each replacement package contains an DVASX amplifier assembly, an upgrade to your motor, a new feedback cable, a new command cable, and documentation.

Three sample replacement packages are:

KIT-2033-2000 replaces the RAD02-2033 amplifier and upgrades the RA22L2-2000R motor.

KIT-2033-3700 replaces the RAD02-2033 amplifier and upgrades the RA22L2-3700R motor.

KIT-2060-3700 replaces the RAD02-2060 amplifier and upgrades the RA22L2-3700R motor.

Upon ordering any package your RA2L22 servo motor must be shipped to IIS in working order for an upgrade to be scheduled. Motors not in working condition upon arrival will need to be repaired before the upgrade can take place. If any repairs are needed we will notify you of the extra charges for the repair before any work is started. In the event the motor cannot be repaired IIS will recommend a new replacement motor.

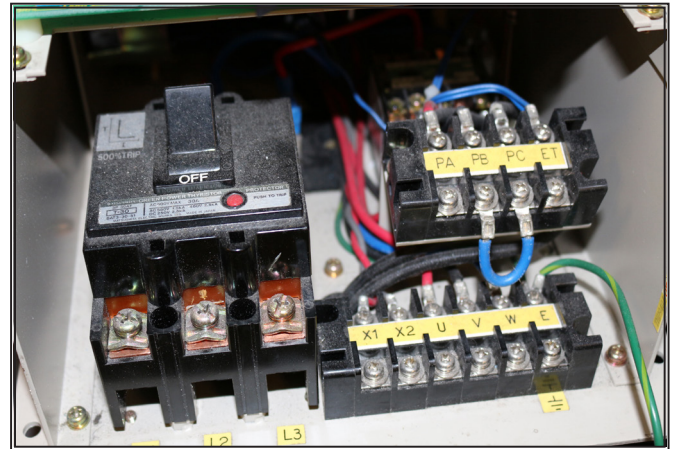


Fig 1 - view of cable termination layout on the existing RAD02 amplifiers

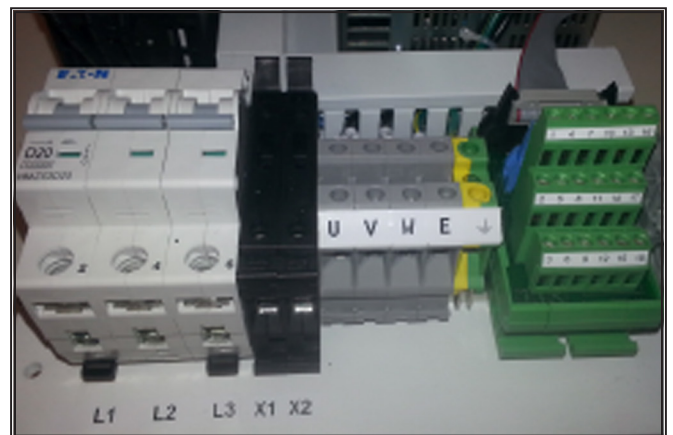


Fig 2 - For easy installation, the termination layout on the KIT-2033 and KIT-2060 amplifiers is close to the layout on the RAD02 as seen above

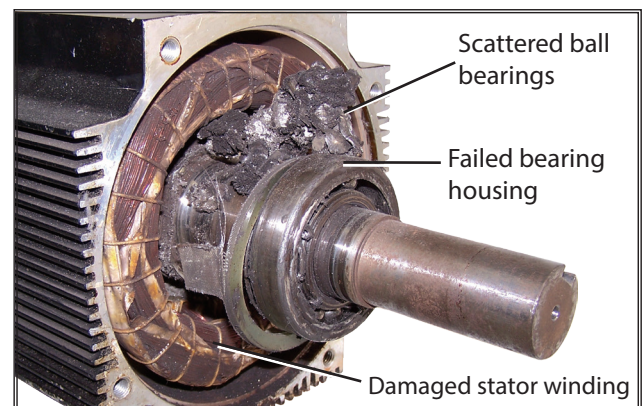


Fig 3 - Bearing failure will destroy a motor without warning.

Call us today at (585) 924-9181 to discuss these programs in greater detail

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INDUSTRIAL INDEXING SYSTEMS, INC

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The IIS Team



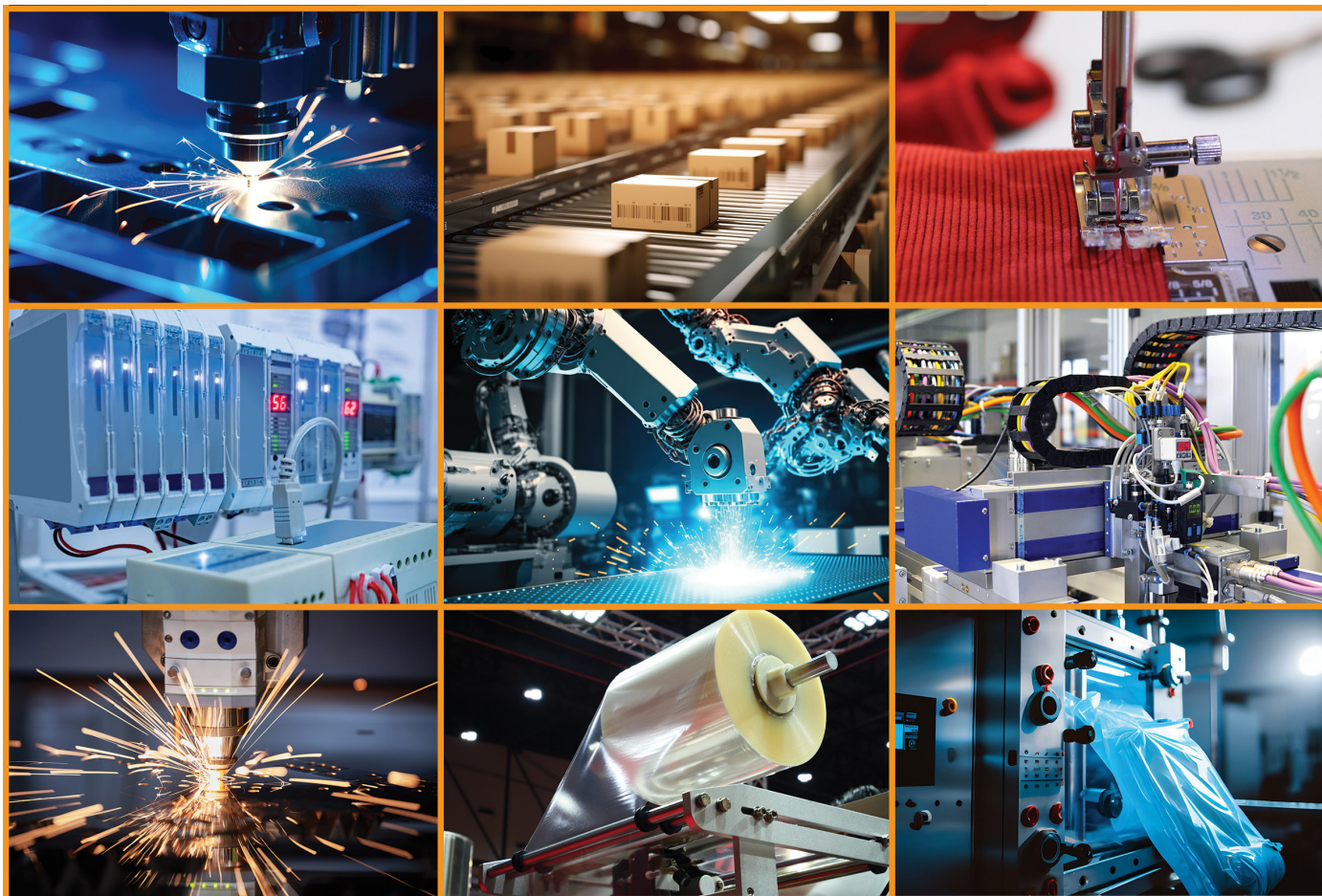
Discover how our advanced motion control components and superior support can redefine your operations. Let's embark on a journey to operational excellence. Ready to elevate the efficiency, consistency, and repeatability in your operations? Call us today at (585)924-9181 to discuss your application.

Headquarters in Victor NY



Our location houses all critical departments: Applications Engineering, R&D, Production, Warehouse, Panel Shop, Quality Control, Sales, Marketing, and Customer Support. Having everything under one roof speeds communications and provides better service to our customers.

Check out our IIS InMotion Blog for the Servo Motion Control Professional ~ <https://www.iis-servo.com/blog/>



If you're interested in becoming a **Sales Representative** for Industrial Indexing Systems, where you'll play a crucial role in boosting brand recognition and nurturing client connections, contact our offices: (585) 924-9181 ~ Email: sales@iis-servo.com

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