



K FACTORY AUTOMATION SERVICES

January 1st, 2016

Volume 1, Number 1

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Contact Us

<http://www.kfasllc.com>

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Happy New Year and Welcome to the first issue of our newsletter

We wish you a new year filled with prosperity, joy, and success. We are delighted to have you as a customer, and we look forward to serving you in the new year. We are very excited to present our first newsletter to our customers. Our goal is to keep you informed on products and services we offer, helpful information, and ideas. Throughout the year, we will send you stories and insights from our staff.

Do you have an idea or tips to share? Maybe you've heard of an upcoming event in the machine tool industry that you would like to share and promote? Did you just find a solution you'd like to suggest to others? Send us your ideas so we can help support each other and grow together!

Have you replaced battery on your CNC control?



Fanuc CNC controls use battery as backup power source when control is powered down to maintain data such as CNC parameter settings, part programs and tool offsets etc. Normally, when the backup battery is low, you will see a warning message "batt" at the bottom left hand corner of the screen.

HOWEVER, in many cases, if you have not replaced the battery in over 1-2 years, what you will most likely encounter is the "RAM Parity" alarm (shown on the left) after a long holiday or weekend shutdown. At this point, the only way to "recover" is to perform memory all clear and reload. That's when many find out that they do not have a good data backup of the machine. And worse in some cases, machine tool builder may no longer even be in business to provide a copy of factory original settings.

Therefore, in addition to replacing backup batteries regularly, it is important to have a good data



backup of each Fanuc CNC control. To learn more about memory backup batteries and data backup procedures, please visit www.kfasllc.com.

Cooling fans for your Fanuc controls and drives

Many Fanuc controls, all Fanuc alpha and alpha-I series drives and amplifier modules utilize internal and external cooling fans. These fans operate continually when the power is applied to the controls. Fanuc uses a number of suppliers including Panasonic, NMB, Toyo and San Ace. The fans are equipped with "locked rotor sensor" and it sends an alarm signal the rotor locks.

These fans usually cannot be purchased at local electronics suppliers. We recommend keeping spare fans. Kfas have cooling fans for Fanuc controls and drive units in stock for immediate delivery. We also offer "Preventative stock" package for your convenience. Why not visit our website and [order today](#).

Wash and Test Program



Many of Fanuc drives failure can be attributed to inadequate ventilation. The main cause of this is due to buildup of dirt, coolant, oil and other contaminants. Why not send us your Fanuc control and drive units and amplifier modules to have them wash and test. Our Wash and Test Program includes data backup of your CNC control (where applicable) and restoring the data once the control has been washed. Parts such as Power Supply Modules (PSM), Servo Amplifier Modules (SVM) and Spindle Amplifier Modules (SPM) are carefully disassembled and thoroughly cleaned.

Having your control unit and amplifier modules washed and cleaned will not only ensure the reliability of your CNC machine but also can help you avoid costly failures such as units damaging due to corrosion and poor ventilation.

Contact us at service@kfasllc.com to

QR Codes for Easy Access

Why not print out and affix to the drive units on your machine for alarm and technical information.

A06B-6077 or 6087



A06B-6088 or 6102



A06B-6079 or 6096



learn more on our wash and test program.

A06B-6114 or 6117



Fanuc 16i/18i/21i



A06B-6110 or 6200



A06B-6111 or 6112



Fanuc 16/18/21

