



Mentor Cards

SAMPLE
ADVERTISEMENT

EXTENDED SERVICE for under \$10

Cure Contact Related Problems and Dramatically Improve Reliability

Dirt, dust, and grime are easily cleaned by most ordinary "contact cleaners," but they prove ineffective at removing oxidation and surface sulfides. These tough contaminants actually attach to and become an integral part of the contact metal. CAIG products eliminate contaminants that impede signal flow. Count on CAIG products to effectively reduce unnecessary service calls for preventable warranty repairs – saving you time and money.

The only true method of eliminating oxidation and surface sulfides is by chemical action and reaction – and that's what puts CAIG products in a class by themselves. When you want to do general cleaning, any contact cleaner will do – *but when you need to improve reliability and performance, and extend the life of equipment, choose the industry leader...*

choose CAIG products.

Unlimited uses...



**DeoxIT®
Cleaner/
Rejuvenator**
Bring Old
Systems
Back to Life!

**ProGold®
Enhancer/
Protector**
Maintain
New System
Performance!



• Audio/Radio • Computer • Automotive • Communications • Marine • Electrical • Video • Photography • Medical • Security • Avionics



Toll Free: 1-800-CAIG-123 (224-4123)
Visit our Website at: www.caig.com

CAIG Essentials

LABORATORIES, INC.

When performance and reliability are essential, you need the **CAIG Essentials**.



CAIG Essentials are four unique formulations *guaranteed* to improve the performance and reliability of ALL electronic devices and equipment.

What makes CAIG products different?



Simple contact "cleaners" wash away surface dirt, dust, and grime, but prove ineffective for removing oxidation and metal sulfides.

These tough contaminants actually attach to, and become an integral part of, the contact metal. This increases service calls for warranty repairs that could have been prevented, translating into millions of dollars of lost revenue for service organizations.

The only true method of eliminating oxidation and surface sulfides is by chemical action and reaction, and that's what puts **CAIG** products in a class by themselves.

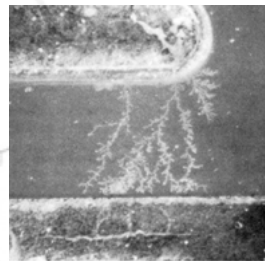
So when you want to do general cleaning and remove dust, dirt, and grime, any contact cleaner will do. But when you need to cure contact related problems and dramatically improve equipment performance, **CHOOSE CAIG**.

The **CAIG Essentials** will improve the performance and reliability of ALL your electronic devices and equipment. **GUARANTEED!**

Prevent atmospheric contamination from attacking your equipment and parts.



Corrosion you **CAN** see



Corrosion you **CAN'T** see

Contamination causes poor performance, intermittent signals or in some cases, total device failure.

CAIG Essentials 101:

Introduction to **DeoxIT**® Power Booster, **ProGold**® & **PreservIT**®.

1. The first step is to apply **DeoxIT**® Power Booster. Any contacts and connectors that conduct electricity are candidates. **DeoxIT**® Power Booster cleans the surface, removes oxidation, and leaves a light, microscopic layer of protection.
2. Step two involves applying either **ProGold**® or **PreservIT**®. Both are companion products to **DeoxIT**® Power Booster, and add longer lasting protection. The determining factor in the selection of **ProGold**® or **PreservIT**® is the environment to which the contact and connector will be exposed. For most indoor uses, **ProGold**® is the product of choice. **ProGold**® not only keeps your contacts and connectors in excellent condition, it improves their performance. For “harsh environments” (e.g. pollutants, salt air, high humidity, outdoor use, extreme temperatures, etc.) use **PreservIT**®. **PreservIT**® provides maximum protection for your metal contacts and connectors.

DeoxIT® Power Booster

General purpose treatment for all metal surfaces.

Fast acting deoxidizing solution cleans, lubricates, preserves, & improves conductivity.

- Dissolves oxidation and corrosion
- Reduces intermittent connections
- Improves signal quality and data transfer speeds
- Reduces wear and abrasion
- Cleans, lubricates, and seals connections
- Reduces arcing and RFI



DeoxIT® Power Booster dissolves oxides and sulfides that form on metal contact surfaces. This restores the contact's integrity and leaves a thin microscopic layer that protects the metal. Special additives prevent dissolved oxides from re-attaching, keeping them in suspension and allowing them to be easily dispersed by the mechanical action of the contact.

Note: For plated surfaces (i.e., gold or other precious metals) use **ProGold**®.

CAIG Essentials

LABORATORIES, INC.

Where to Apply:

- Connections
- Batteries, Light Bulbs
- Switches and Relays
- Jacks and Plugs
- RCA jacks, XLRs
- Rechargeable Devices
- Guitar Strings etc.



Directions for use:

Turn off device. Apply **DeoxIT® Power Booster**, wait 2 minutes, then wipe with a clean lint-free cloth. Repeat this process until the cloth comes out clean. Turn on device.

CAIG Essentials

LABORATORIES, INC.

ProGold®

Maximum performance and protection for plated metal surfaces.

Companion product to **DeoxIT® Power Booster**. Conditions, seals, and protects plated metal connectors and contacts. Deoxidizes minor amounts of surface contamination, penetrates plated surfaces, and molecularly bonds to the base metal.

- Reduces noise and distortion
- Improves clarity and definition
- Extends dynamic range
- Reduces wear and abrasion
- Seals and protects connections
- Ideal for similar & dissimilar metals



Note: For non-plated, heavily oxidized surfaces, pre-treat with **DeoxIT® Power Booster**.

Where to Apply:

- Computer connections
- Audio/video connections
- Low voltage devices
- Switches, RCA jacks
- Nonferrous metal surfaces
- Test equipment, probes
- High performance and critical applications



Directions for use:

After pre-treating with **DeoxIT® Power Booster**, apply **ProGold®**. Wipe off any excess with a clean lint free cloth. Wait two minutes. Turn on device.

PreservIT®

Lubricates, seals, and protects metals.

Treatment for new or clean electrical connections and metal surfaces.

- Maintains connection integrity
- Superior lubricant and protection in harsh environments
- Prevents data errors, lockups, and intermittents
- Reduces arcing, RFI, wear, and abrasion
- Prevents oxidation and corrosion



PreservIT® is recommended for newly manufactured components, or those pre-treated by **DeoxIT® Power Booster**.

PreservIT® provides long-lasting protection in harsh environments (high degrees of humidity, pollution, sulfur, salts, acids, etc.)

Where to Apply:

- Wire and cable
- Industrial computer & equipment connections
- Exterior electrical connections
- Metal connectors & contacts
- Outdoor lighting
- Terminal strips, relays, probes
- Contactors/disconnects



Directions for use:

After pre-treating with **DeoxIT® Power Booster**, apply **PreservIT®**. Wipe off any excess with a clean lint free cloth. Wait two minutes. Turn on device.

CaiLube® MCL

Treatment for conductive plastics and carbon-based potentiometers

- Improves performance of conductive plastic and carbon compound faders, switches, and other similar sliding surfaces
- Replaces lubrication lost on surfaces that have been cleaned with solvents or other cleaning solutions
- Maintains optimum signal quality



CaiLube® MCL is also effective on conductive membrane switches and components. Oil, grease, and acids build up on membrane surfaces due to repeated finger contact, leading to device malfunction. These contaminants are displaced above the **CaiLube® MCL** layer preventing contact with the plastic membrane. Applying **CaiLube® MCL** provides improved performance and long-lasting protection.

Where to Apply:

- Conductive plastics
- Faders
- Switches
- Carbon-based potentiometers
- Moving and sliding surfaces



Directions for use:

Turn off equipment. Apply a small amount of **CaiLube® MCL** to plastic surfaces. Operate the part or device to distribute lubricant over the surface. For best results, wait a few seconds, then reapply. Wipe off excess with a clean lint-free cloth. Wait two minutes. Turn on device.

Note: For thicker lubricant use **CaiLube® MCL Grease**.

CAIG Essentials 102: CaiLube® MCL

If the potentiometers are PLASTIC:

Apply the **CaiLube® MCL** 5% spray
 Move potentiometers back and forth several times after applying **CaiLube® MCL** to distribute product and break up contaminants (i.e., dirt, nicotine drink spills, etc.)
 Repeat above procedure
 Apply **CaiLube® MCL** 100% Spray or **CaiLube® MCL** 100% liquid and move the potentiometer several times

If the potentiometers are METAL:

Apply the **DeoxIT®** 5% spray or **DeoxIT®** 100% liquid (needle dispenser)
 Move potentiometers back and forth several times after applying the **DeoxIT®** to distribute product and break up contaminants (i.e., dirt, nicotine drink spills, etc.)
 Repeat above procedure
 Apply **CaiLube® MCL** 100% spray or **CaiLube® MCL** 100% liquid (needle dispenser) and move potentiometer several times

If the potentiometers have PLASTIC slides with METAL contacts:

Apply **DeoxIT®** 5% spray or **DeoxIT®** liquid (needle dispenser)
 Move potentiometers back and forth several times after applying **DeoxIT®** to distribute product and break up contaminants (i.e. dirt, drink spills, etc.)
 Repeat above procedure
 Apply **CaiLube® MCL** 100% spray or **CaiLube® MCL** 100% liquid, and move potentiometer several times

*For dirty faders or potentiometers that still have a lubricated feel, use **DeoxIT®** first. Allow the **DeoxIT®** to remain on overnight, if possible, and follow with the **CaiLube® MCL** in the 100% solution to maintain that lubricated feel. The solvents in the 5% solutions may wash away the original lubrication.*

CAIG Essentials are available in a wide range of applicators.



(Applicators not to scale)

Cell Phone Problem Resolved with DeoxIT® Power Booster

I had been having trouble with my cell phone for the past several months. At first the phone would shut itself off once a day maybe. After several months it seemed to turn itself off several times a day.

It would shut off sometimes while I was in the middle of a car, or pushing buttons. I took it into local Nextel store to have the service guy look at it, thinking it was a bad solder joint. They agreed it was, and said they fixed it.

After that, the phone shut off even more often. It seemed that if I just looked at the phone, it would shut off. I even took a pencil eraser in an attempt to clean the battery and phone contacts, and that didn't help.

A few days later, I received a bottle of **DeoxIT®**, which I had ordered for my repair shop (I fix musical electronics). I thought I'd give it a shot, so I sprayed a little on the phone and battery, and put the battery back.

After several weeks, it has not turned itself off again! I'VE PRACTICALLY BEATEN THE PHONE TO DEATH TRYING TO GET IT TO TURN OFF, AND IT JUST WON'T DIE. THIS STUFF WORKS GREAT!

Thanks,
Jon Cusack

ProGold® CURED OUR INTERMITTENT EQUIPMENT PROBLEMS!

We manufacture, install, and service industrial equipment in the electronics manufacturing industry worldwide. Over the years, the division that had the biggest problem is our warranty repair. Our service technicians would repeatedly go back to the same account to troubleshoot and fix contact and connector related issues. It got so bad on some accounts (in high humidity and high pollutant environments) that we changed all the connectors to gold plated and in some instances, direct soldered the connections.

I then read an ad in an industrial magazine for a product (DeoxIT® and ProGold®) that said it would improve and cure connection problems. Since we have tried just about every contact cleaner, enhancer, and vapor corrosion inhibitors, which also said it cured connection problems, I was hesitant to say the least. I have the systems service manager for this division, and this issue is costing the company millions of dollars annually, so I was almost desperate to solve this problem and willing to try anything. So I ordered one of CAIG's industrial survival kits and tried it on a few of the most difficult cases we had.

I AM NOW A CAIG BELIEVER - After eight months we have not had a single service call. We now include a DeoxIT® Power Booster and ProGold® kit with every system we install and it is a survival tool for all of our service technicians. Looks like sometimes you can believe what you read in an advertisement.

Thanks CAIG for saving our company millions of dollars and making us look like miracle workers with our customers.

Mike Klein,

PROFESSIONAL EXPECTATIONS EXCEEDED

I just built a recording rack for Paul McCartney and it had a problem at the time of the first show. I had tested the system before it left the shop, and the two Tascam MX-2424's, a Berhinger DDX-3612, a Rosendahl Time word clock generator, and 72 Glyph Hard Drives all worked at the shop. Two hours before the show, I found myself trying to get the system up and going.

One of the Tascam units had stopped working, and I could not understand why! I was in panic. It was a sold out show, and people started getting seated. The unit had a flash memory card in it, and I figured that since it was locking up on start there had to be a problem with the card. It was not loading the data, so I used some DeoxIT® D100L on the contacts, wiped it off, then use the ProGold® solution. I then tried it again, and IT WORKED! The memory was reloaded, and the show was recorded as planned.

I am an avid DeoxIT® customer and always will be. I use it along with the ProGold® and CaiLube® MCL on controls and switches on outboard gear, as well as audio consoles worth well over \$200,000. I will always use DeoxIT®, and now our whole company uses it as well. We use it for tours like the Rolling Stones, Paul McCartney, Incubus, and AC/DC, to name a few. We also use it on the equipment for theater shows like Riverdance and Barney.

DeoxIT® can be trusted around the world, and let me tell you it is! Thanks CAIG for such a great product. You saved us more than once!

D. Ranshaw, Service Manager, db Sound

Thousands of uses throughout all industries!

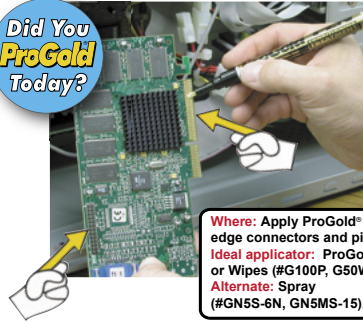
Did You DeoxIT Today?

Where: Apply DeoxIT® to all contact points.
Ideal applicator: DeoxIT® Pen (#D100P).
Alternate: Spray, wipes (#DN5S-6N, DN5MS-15, D50W).



Did You ProGold Today?

Where: Apply ProGold® to edge connectors and pins.
Ideal applicator: ProGold® Pen or Wipes (#G100P, G50W).
Alternate: Spray (#GN5S-6N, GN5MS-15).



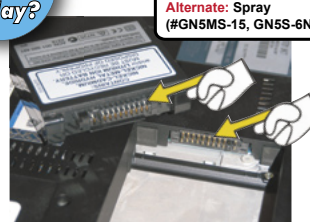
Did You ProGold Today?

Where: Apply ProGold® to ALL gold connectors.
Ideal applicator: ProGold® Spray (#GN5MS-15, GN5S-6N).
Alternate: Brush, needle (#G100L-2DB, G100L-25C).



Did You ProGold Today?

Where: Apply ProGold® to gold contact pins.
Ideal applicator: ProGold® Pen (Part #G100P).
Alternate: Spray (#GN5MS-15, GN5S-6N).



Did You DeoxIT Today?

Did You ProGold Today?



Use on ALL metals that conduct electricity.

