

Note: Edited by Parts ConneXion to add their SKU # cross-reference and text checked by CAIG - 07/26/07

- 2. Vacuum Tube Maintenance
- 5. Difference between 5% and 100% products

NOTE: Name change in 2006. ProGold becomes DeoxIT® GOLD, PreservIT becomes DeoxIT® SHIELD, CaiLube MCL becomes DeoxIT® FaderLube.

2. Vacuum Tube Maintenance

NOTE: Name change in 2006 from ProGold GxL to DeoxIT® GOLD GxL. Part numbers will remain the same.

Vacuum tubes generally operate at elevated temperatures. This requires a different approach to clean and protect the connector surfaces.

1. **First clean the surfaces.** Apply DeoxIT® contact cleaner **100%** to metal pins and sockets using a small foam lint-free swab. If you have DeoxIT® Spray, spray some onto tip of foam swab and apply to tube pins/socket. If you have DeoxIT® liquid, place small amount onto the tip of foam swab, then apply to tube pins/socket.
2. If surface is heavily oxidized, leaving DeoxIT® contact cleaner on overnight, is recommended.
3. The next day remove contaminants lifted by DeoxIT® with lint free swab or cloth on accessible surfaces. Process may need to be repeated if surface is heavily oxidized. Surface is clean when no residue is present on the cloth.
4. **Now that the surfaces are clean we need to protect them.** Apply DeoxIT® GOLD GxL (ProGold GxL) sparingly to pins and socket with lint-free swab. Remove excess with clean swab.

NOTES:

DeoxIT® does not necessarily remove any superficial discoloration (black tarnish) caused by oxidation or burn-in to the tube pins. This will, in no way adversely affect the performance of the equipment. DeoxIT® and DeoxIT® GOLD (ProGold) improves conductivity irregardless of this discoloration.

Recommended Applicators:

Non spray 100% applicators

DeoxiT Part No. and/or names

Parts ConneXion SKU#

DeoxIT®, precision needle, 25 ml	Part No. D100L-25C	CAIG-67252
DeoxIT® GOLD (ProGold), precision needle, 25 ml	Part No. G100L-25C	CAIG-67253
DeoxIT®, brush bottle, 7.4 ml	Part No. D100L-2DB	CAIG-67188
DeoxIT® GOLD (ProGold), brush bottle, 7.4 ml	Part No. G100L-2DB	CAIG-67195

Recommended Lint-Free Part No's:

Swabs:

DeoxiT Part No. and/or names

Parts ConneXion SKU#

SWP-6: 1/4 x 3/4 x 4-1/2", qty 6. (Additional count sizes available).

CAIG-67254

SWPX-6: 1/8 x 1/2 x 2-3/4", qty 6. (Additional count sizes available).

CAIG-67255

Cloths:

DeoxiT Part No. and/or names

Parts ConneXion SKU#

LFC-C/50: Cotton, qty 50. (Additional count sizes available).

CAIG-67204

LFC-P/50: Polypropylene, qty 50. (Additional count sizes available).

CAIG-67257

(Part # 5 – scroll down to next page)

5. The Difference Between the 5% and 100% Products

The following excerpt from the Tech Info Questions and Answers sheet addresses this quite well.

“Use the 5% spray or liquid to apply a thin coating of our products. Remember only a small amount is required on surface for maximum performance. The 5% solutions will ensure that only small amounts will remain on the surface. The solvent will also assist in flushing away loose dust, dirt, grease and other contamination.”

To summarize:

1. The 5% solution has a carrier solvent, but after the solvent evaporates, what remains is 100% product.
2. Original 5% formula provides flushing action, but the 100% does not.
3. Two 5% spray versions are available.
 - a) Original formula: Flushing action, slow drying, flammable until solvent evaporates. Evaporation rate depends on ambient temperature, approx. 5 to 60 minutes for complete evaporation. 100% solution remains on surface.

Example: CAIG Part Nos.

Parts ConneXion SKU #

D5MS-15,

CAIG-67258

D5S-6,

CAIG-67259

G5MS-15,

CAIG-67192

G5S-6,

CAIG-67260

F5MS-H15,

CAIG-67199

F5S-H6

CAIG-67197

- b) Nonflammable formula: No flushing action, quick drying. Solvent evaporates almost immediately. 100% solution remains on surface.

Example: CAIG Part Nos.

Parts ConneXion SKU #

DN5MS-15,

CAIG-67186

DN5S-6N,

CAIG-67190

GN5MS-15,

CAIG-67192

GN5S-6N

CAIG-67194

4. Always wipe excess 100% solution with clean lint-free cloth or swab. Please refer to Fader Maintenance and Potentiometer Maintenance instructions for the exception to this advisory.

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