

Maintenance Tips

Cables

At least once a year you should check your cables for pinches, cuts, worn spots or other damage. Check the connectors for dark corrosion inside and make sure the core is clean. The Teflon inner core should be flush with the inner shoulder, not below it. **NO** loose shield wires should be able to contact the core!

The core should extend BEYOND the end of the connector. This is especially important on the transmit cable and on the longer connectors on the new 7000 modems.

Dielectric grease is available from Radio Shack and should be used inside the connector. WD40 is used to displace water in connections.

Quick disconnects should be checked, tensioned and changed as necessary.

“O” ring connectors should be checked at the receive head and transmitter as “O” rings can shrink and connections can loosen.



LNB

Check the transmitter cable connector and connection tension. If a gen5 antenna, maybe wire the filter into the head. Notch the LNB and replace the bolt with a knob. Install a grounding lug on the offset adapter to bleed off static buildup.

Check for moisture in feed horn. If present, contact Direcway at 1-800-DIRECWA for warranty support before you try to fix it. They may just send you a new one.

Dish

Check for cracks around LNB joint. If present, add support with epoxy bedding. Use JB Weld, JB Kwik or Grey Marine Tex. Dam with clay, use Pam or Saran Wrap for release agent. Dish cracks can be repaired with JB Quick. Do **NOT** use Bondo.

Elevation Tool

Threads wear and gall. Use a dry lube such as graphite. If damaged, cut off and replace with stainless all thread. Use an “E” nut and a lock nut. To join; JB Weld nuts to all thread. Thread size is 5/16X18 TPI for all bolts and nuts. You can chase threads with a tap or die but they will be undersize afterwards.

Modems

Vacuum them out! Dust holds in heat and heat kills electronics. Make sure they have ventilation and the connections are snug.

Computer

Vacuum or blow out with mild air hose. Insure adequate ventilation. Check all cables for damage and connection. Suggest using an **Automatic Voltage Regulator**, available for about \$70.

Use spyware, adware, and regular maintenance to keep speed up. Use the **msconfig** command in DOS to edit the startup file to control background applications and remove unwanted memory hogs.

Lubricants

WD-40 is a "Water Displacing Oil." It is not intended as a lubricant. It works well to force water out of nooks and crannies.

"Dry Slide" or powdered graphite lubricant works well on exposed threads and does not attract dirt to form an abrasive slurry.

Grease such as "White Grease" or "Moly D" work well but holds grit.

Silicone holds grit.

There is a new liquid lube (from DuPont) composed of Teflon suspended in a volatile carrier. The fluid evaporates and leaves a dry Teflon coating. It works well and I found it in Lowes.

Tripod

Clean latches and lube them with dry lube. Tighten them (usually with 1/2" wrench) as needed and tighten the action of the leg hinges if needed by tightening screws that hold hinge covers in place. Check for cracks and replace as needed

Parts: [800-817-5777](tel:800-817-5777) or [602-266-5777800](tel:602-266-5777800) Ask for Tom

Sources for tools, connectors, crimpers and wifi equipment

<http://www.hometech.com/>

<http://www.wirelessnetworkproducts.com/>

<http://store.signull.com/>

<http://www.streakwave.com/>

<http://sharperconcepts.zoovy.com/>

<http://www.practicallynetworked.com/networking/>

