How To Prevent Cord Problems on Clippers With Voltage Converters

Northern Tails Sharpening Inc - 251-232-5353 - www.northerntails.com

Some groomers have been experiencing cord problems with clippers having voltage converters on the end of the cord. These converters convert 120 volts AC to DC current that runs your clipper. DC motors have more torque and seem to hold speed better in tough coat. Because of the extra weight of some of these cords, they break and short out right behind the clipper. If the converter is pulled from the wall socket and hits the floor, components inside can break and cause the cord to fail as well. You can prevent these situations from happening with a few modifications you can do yourself.

The cord can short where the thick part goes into the clipper. This thick part of the cord is called the "Stress Relief". It is suppose to be stiff and make the cord do the bending out past the stress relief where the cord is thinner. But with the twisting and turning groomers do these days, that can cause this cord to start shorting right behind the clipper. I have found by using a "zip-tie", and zip-tying the cord to the hanger in the back, it keeps the cord from twisting behind the clipper. Doing this makes the cord twist and bend out where the cord is smaller, and that's what it was designed to do. Look at the example in the picture, and zip-tie your cord the same way. If you need the hanger to hang your clipper, get a key ring and run it through the hanger and hang your clipper from it.

Another issue with this cord, and any other clipper having a voltage converter on the end where you plug it in, is the cord becoming "Dead". These converters, even though they are small, are packed with components. If you accidently pull this converter out of the wall and it hits the floor, the chances of one of these components breaking is great, thus the cord will become dead, and no electricity will go to the clipper. Below is a picture of the inside of the voltage converter.

As you can see, there is quite a bit of electronics packed into this small box, and it doesn't take that big of a whack to break something inside if its pulled from the wall socket and it hits the leg on your grooming table. The solution? Get a power strip, and set it on the floor, then plug your cord with the converter into the power strip. It can't fall from the floor, and you just saved yourself the expense of a new cord and sending it off for repairs.

In conclusion, if you zip-tie your cord now before it starts to short out, and get a power strip to plug it in on the floor, I think your problems will be over.

As always, read all your labels and manuals, and have a safe day grooming!