

TIP: for failed gold-plated junk phono connectors

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Well not so much the connectors but manufacturers that use them , supposedly fixed to too thick screened cable, this time Van Damme.

The bifurcated "cable clamp" does not grip the sleeving, so free to move and then break the signal line at the phono.

Adapted the smallest of Jubilee/ metal hose clips so it could pull round even smaller than designed. The track that engages with the pinion does not continue right up to the anchor point.

Bend back the spurs that retain the pinion so the pinion can be removed after releasing the free end of the track. Cut that anchored end off the track and reform the joggles that abut the anchor/housing. Make sure it will tighten to something like a tight circle, of course the anchor housing is flat.

Also make sure the free end of the track will easily engage and disengage as once the job is done you have to release it.

With connector shroud on , introduce the connector clamp to the sleeve (leave soldering the conductors to last). Tighten the Jubilee around, over as small a part of the connector clamp as you can, on the up cable side. Turn some turns of tinned copper wire around the exposed cable clamp sections , twist the ends together and solder into a ring, beware of melting the sleeving, so do in stages. Remove the Jubilee and maybe grind off any excess high spots of solder.

Remember when soldering the rest , the screening copper is soldered tight and the conductors cut long, to allow for some relative movement inside the cable , and so, in service, not straining the solder connection. And, normal good practise, mate the plug with any old socket before soldering the conductor pins.

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