

Replacing the Cellcorder CRT Test Lead Clamps

Instruction Guide



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Replacing the Cellcorder CRT Test Lead Clamps Instruction Guide

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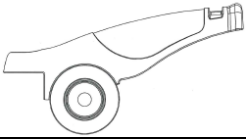
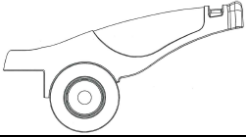

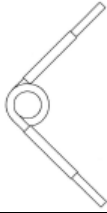





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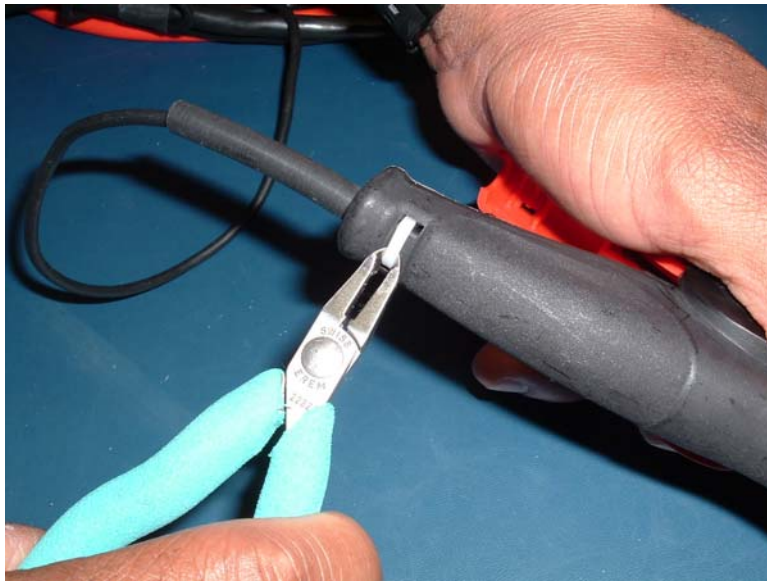
Cellcorder CRT Repair Kit Parts List

Before taking apart your current cellcorder CRT leads, validate all replacement parts are included in your repair kit. Components included in the Cellcorder CRT Leads Repair Kit, part number, KIT-1100-177C are as follows:

Part Number	Description	Picture	Quantity
2120-050A	CRT red clip half		3
2120-051A	CRT black clip half		3
2800-025	Black 4" tie wrap		3
2810-013I	CRT 300 insulated spring clip assembly		3
2825-238	8-18 X ½" thread forming screw		6
2825-220	10-24 X ½" NYLOC lock screw		3
2825-219	10-24 X 1.25 barrel hinge pin		3
2120-053A	CRT standard copper jaw		6
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Replacing the Cellcorder CRT Test Lead Clamps

This document describes how to replace the Cellcorder CRT test lead clamps. The replacement kit you receive from Alber contains parts to rebuild three clamps. You will use many parts from the old clamps in the new ones. Do not throw away any old parts until you have finished. You will be rebuilding three clamps: one red, one black, and one red/black clamp. Be sure to review the list of parts in the repair kit list at the beginning of this guide.



Step 1

To begin disassembling the test lead clamp, cut the tie wrap that secures the cable. To avoid damaging the cable, cut on the outside of the clamp as shown.



Step 2

This photo shows the components in the clamp assembly. You will need two screwdrivers to remove the hinge pin.

Remove the hinge pin screw that secures the plastic clamp halves, then remove the screws securing the jaws and wire terminals. Discard the plastic halves and the screws from the wire terminals.



Step 3

Secure the metal jaws onto the new plastic clamps. The top jaw in the photo is shown assembled.



Step 4

Using the screws supplied with the replacement kit, secure the wire terminals to the jaws.

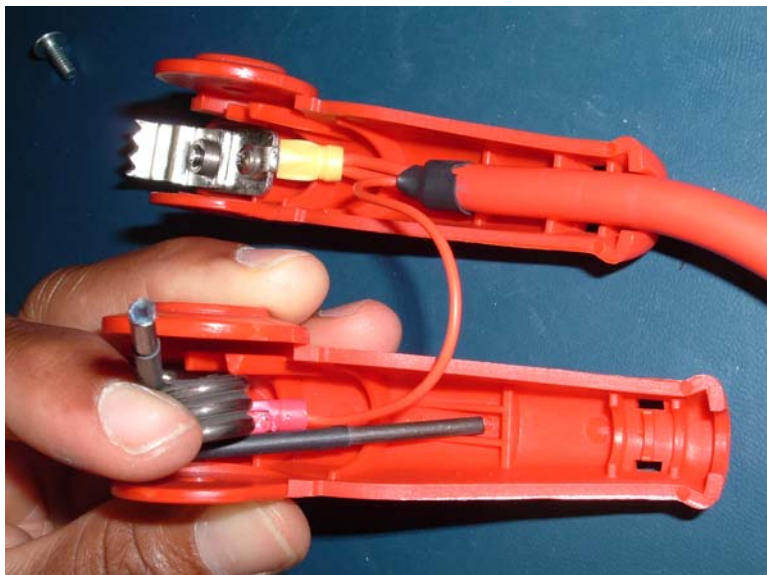


Step 5

Place the spring into the center locator channel of either clamp half.

Note: Place the end of the spring about 1/8" from the end of the locator channel.

See the detail view in the photo below.



Step 6

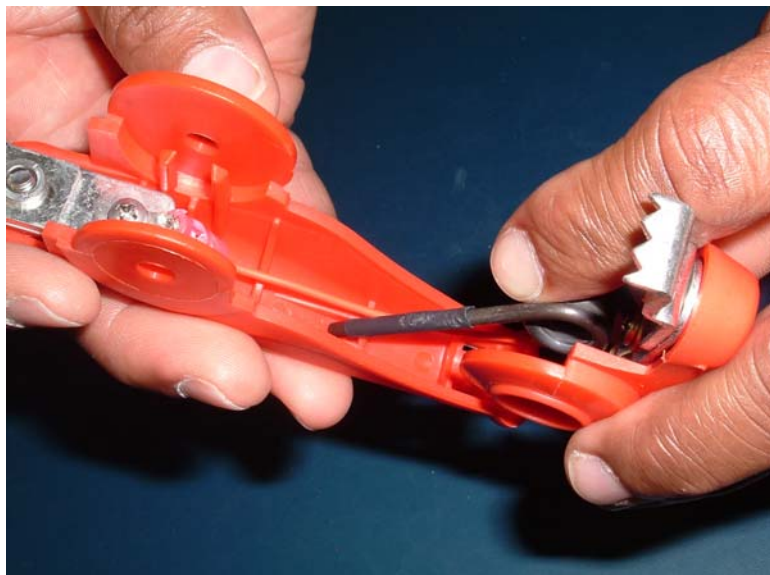
Detail View: Locating the spring in the channel.



Step 7

Using your index finger to hold the spring, place the free end of the spring into the center locator channel of the other plastic clamp half.

See the detail view in the photo below.



Step 8

Detail View: Locating the spring in the channel.

As before, place the end of the spring about 1/8" from the end of the locator channel.



Step 9

Using the spring as a pivot, bring the two clamp halves together, using a rotating motion in the direction of the jaws.



Step 10

Holding the assembly securely in the palm of your hand, insert the hinge pin until it protrudes from the other side.



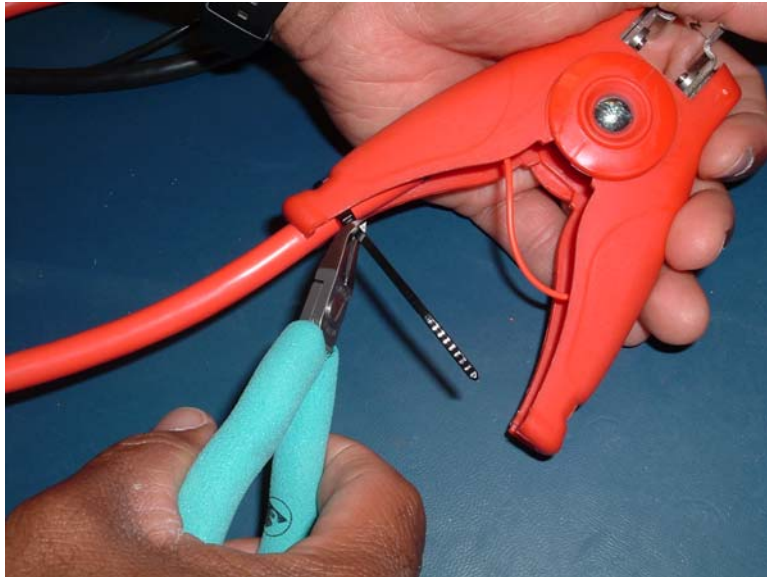
Step 11

Using two screwdrivers, secure the clamp halves by inserting and tightening the hinge pin screw into the hinge pin.



Step 12

Thread the supplied tie wrap around the cable and through the two slots in the clamp handle.



Step 13

Tighten the tie wrap and carefully cut off the excess.

This completes the clamp replacement procedure.

Use the same replacement procedure for all your Cellcorder CRT leads.