

C.A.T.-AIO INSTRUCTION SHEET

Warning! This tool should not be used on live electrical circuits. It is not protected against electrical shock! Always use OSHA/ANSI or other industry approved eye protection when using tools. This tool is not to be used for purposes other than intended. Read carefully and understand instructions before using this tool.

Compression Assembly Tool

The C.A.T.-AIO has been specifically designed to allow compression assembly of series 59/6, 7, and 11 drop connectors from most connector manufacturers. Refer to the C.A.T.-AIO table to reference the manufacturers and connectors. The tool is supplied with (2) unique interchangeable plunger tips (IPT) that will assemble the majority of all the universal series of 59/6, 7 and 11 connectors as well as 59/6 PPC-EX and PCT-TRS. Additional IPT's are available for RCA, BNC, IEC and other F connector applications. For additional IPT applications, contact Ripley.

Before operating the tool, the user should note the design and installation of IPT plunger tips. The tips are double ended and snap into the plunger assembly similar to sockets in a ratchet wrench. The tool is factory assembled with the IPT-1A set up for universal 59/6 connectors. For different connectors, set the tool up with the proper IPT per the C.A.T.-AIO table. A correctly inserted IPT will have the plunger face end facing the split jaws. The second IPT is stored on the back side of the tool as shown below.

Note: Refer to included chart to match your connector to the proper IPT tip. An improper match can result in tool damage or an incomplete compression.



Adjustment Feature

Due to extended use in the field, the C.A.T.-AIO will be subject to a small degree of wear. To account for this, the tool is supplied with a gage block and is designed with a star-wheel adjustment feature on the tool body/handle. If under compression due to wear is suspected, re-adjust the tool as follows:

1. Set the tool up with the IPT-1A plunger tip.
2. With the tool open, place the gage block between the plunger tip and the lower split jaws.
3. Close the tool completely.
4. Remove the socket head screw from the star wheel. Re-adjust the star wheel clockwise until the gage block is secure between the jaws and the plunger tip. Turn the star wheel until adjustment is complete and replace the set screw.
5. Make sure to adjust the star wheel until the gage block is secure between the jaws and the plunger tip. The gage block with handle closed should not be able to rotate. The tool is now fully calibrated.

Gage Block P/N 35496
Allen Wrench P/N 10309

Continued on other side

Operating Instructions

Step 1. (Fig.1) With the proper IPT tip assembled in the tool and the tool in the open position (tool handle on the bottom), place the cable and connector into the tool opening over the plunger tip. Apply a downward pressure on the cable and connector to allow the split jaws to secure the cable. The cable and connector will now be in position between the plunger tip and the split jaws.

Important Note: The correct compression location area must be used with the tool. An incorrect compression can result in a broken tool or improper compression.

Compression bearing locations (Fig.2)

- A: The lower jaws are used on 59/6 connectors.
- B: The upper jaws are intended for use on RCA and BNC connectors.
- C: The tool body casting is intended for use on 7 and 11 connectors.

Step 2. (Fig.3) To compress the connector, close the tool handle completely, insuring the connector sleeve is fully compressed.

Step 3. (Fig.4) To remove the cable assembly, open the tool and press the outside split-jaw tabs and pull out the connector assembly.

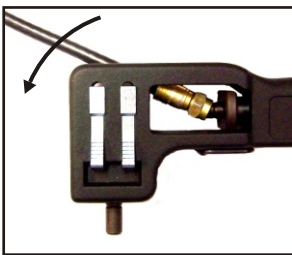


Figure 1
Insert Cable and Connector

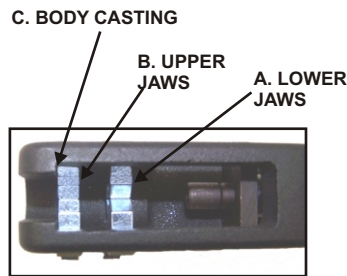


Figure 2
Compression Locations

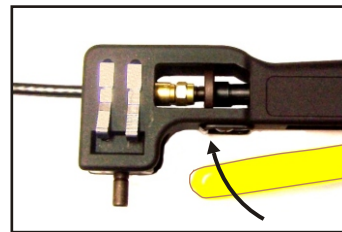


Figure 3
Compress Connector

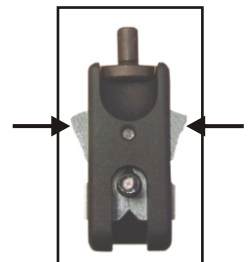


Figure 4
Press Outside Split
Jaw Tabs

WARRANTY: RIPLEY warrants its products against defective materials and workmanship for a period of one year from date of shipment from the RIPLEY factory provided the product is utilized in accordance with instructions and specified ratings.

