

CR-HEX CRIMP TOOL

OPERATING INSTRUCTIONS

Warning: This tool is not insulated against electrical shock and should be used with electrically insulated gloves. This tool is not to be used for purposes other than intended.

Note: Insure that you have received the correct tool for the connector you are using. Connector hex sizes and other connector specifications can be obtained from your connector supplier. Hex size information for Cablematic crimp tools is included on the back page of this instruction sheet.

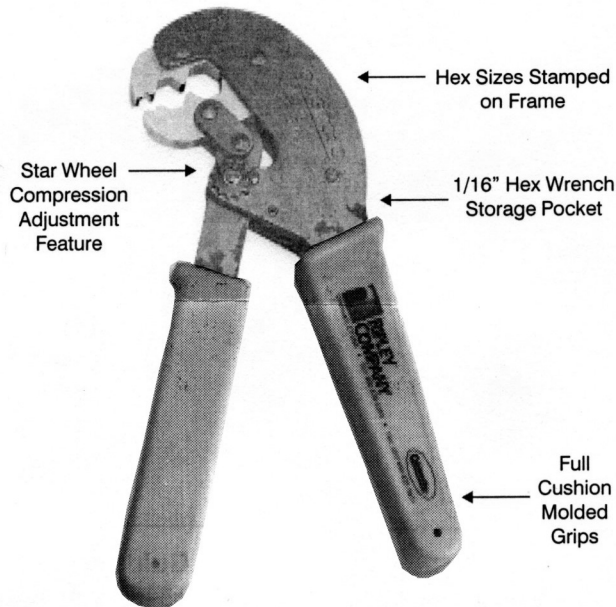
IMPORTANT INFORMATION

The Cablematic heavy duty toggle action crimp tools provide the proper compression force and sizes required to insure R.F.I. protection and increase retention of the connector on the cable. The toggle action provides a very high mechanical advantage assuring a proper crimp each time. Designed with a heavy duty frame plus a fine compression adjustment feature, these tools will provide years of reliable service.

After crimping the connector assembly, if the ring and connector are not secure on the cable check for undersize O.D. of the cable.

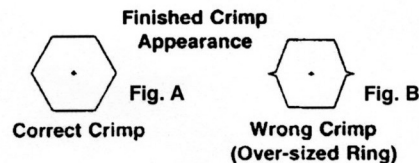
Never Re-Crimp in a smaller hex die opening. This will damage the tool and destroy the integrity of the connector.

If your crimp looks like the diagram in Fig. B below you have an over-sized crimp ring or an undersized crimp tool. To complete the crimp will damage the crimp tool. Check with your connector manufacturer for the proper crimp ring size.



INSTRUCTIONS FOR STANDARD CR TOOL

1. Insure that the cable end has been prepared in accordance with the connector manufacturer's specifications.
2. Install the connector on the cable end.
3. Place the opened crimp tool over the connector. Insure that the bottom end of the connector does not extend past the jaw of the crimp tool.
4. Pull the handles together until the front handle is fully compressed.
5. Remove the connector from the tool.

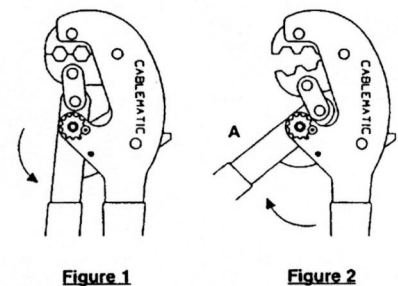


CR-R FULL CYCLE CRIMP TOOL (Ratchet Type)

This CABLEMATIC™ Hex Crimp Tool has been designed with a "Full Cycle" closing feature to assure full connector termination. The "Full Cycle" closing feature provides the precision crimping action of our original "Positive Homing Action" tool design and also allows complete compression adjustment of the tool. The crimping cycle can be interrupted at any point during the crimp cycle.

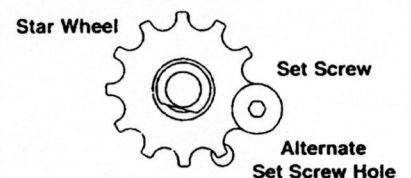
OPERATION

To start the crimping process operate the tool through its normal cycle (See Figure 1). When the cycle is complete the pawl mechanism will automatically release and allow the tool to open. Open completely by moving the lever arm (A) as indicated (See Figure 2). This will allow the pawl mechanism to reset. Position the connector and cable assembly into its proper hex cavity and begin closing the tool. Continue this crimp cycle until the lever arm has bottomed out and the "Positive Homing Action" is achieved. At this time the "Full Cycle" mechanism will automatically release and the tool can be opened up in order to remove the crimped connector and cable assembly.



CABLEMATIC® Crimp Tools are manufactured with the finest materials available. However, to overcome normal wear and to ensure longer tool life, a compression adjustment feature has been added. After extensive use, the jaws do not come together and provide the correct crimp. The tool can be adjusted. Remove the socket head screw from the adjustment "Star Wheel". Move the "Star Wheel" clockwise in 1/2 to 1 indents or until proper adjustment is obtained and replace the set screw in the threaded hole closest to the proper setting.

COMPRESSION ADJUSTMENT



Ordering Guide For CR Tools

CATV / MATV / STV CABLES

Model	Hex Size (inch, mm)		Contact Hex	
	(Inch)	(mm)	(Inch)	(mm)
CR 211CX	.475	12.07	.096	2.43
CR 270/213	.270	6.86	.213	5.41
CR 360	.360	9.14	-	-
CR 41Q	.453 / .315	11.15 / 8.00	-	-
CR 42Q	.320 / .250	8.13 / 6.35	-	-
CR 470/410	.470 / .410	11.94 / 10.41	-	-
CR 596B	.324 / .262	8.23 / 6.65	-	-
CR 596Q	.384 / .324	9.75 / 8.23	-	-
CR 596QL	.360 / .324	9.14 / 8.23	-	-
CR 596QL2	.360 / .324	9.14 / 8.23	0.68	1.73
CR 596-11	.410 / .324	10.41 / 8.23	-	-
CR 611Q	.475 / .324	12.07 / 8.23	-	-
CR 611QL	.470 / .324	11.94 / 8.23	-	-
CR 611Q2	.475 / .324	12.07 / 8.23	.100	2.54
CR 611U	.475 / .360	12.07 / 9.14	.096	2.43

COMMUNICATION CABLES

Model	Hex Size (inch, mm)		Contact Hex					
	(Inch)	(mm)	1		2		3	
	(Inch)	(mm)	(Inch)	(mm)	(Inch)	(mm)	(Inch)	(mm)
CR 255U	.255 / .213	6.48 / 5.41	.100	2.54	.068	1.73	.050	1.27
CR 314	.314	7.98	.068	1.73	-	-	-	-
CR 770	.429 / .213	10.90 / 5.41	.100	2.54	.068	1.73	-	-

CRMK-2 MAINTENANCE KIT FOR CRIMP TOOLS

Kit includes:

- 1 star wheel
- 1 star wheel screw
- 2 links
- 6 retaining rings
- 4 pins
- 4 bow washers
- 1/16" hex wrench

Full Cycle Crimp Tool Ordering Guide

MODEL	Hex Size	
	(Inch)	(mm)
CR 596Q-R	.384 / .324	9.75 / 8.23
CR 596QL-R	.360 / .324	9.14 / 8.23
CR 211CX-R	.475 / .096	12.07 / 2.43
CR 611U-R	.475 / .360 / .096	12.07 / 9.14 / 2.43
CR 611Q2-R	.475 / .324 / .100	12.07 / 8.23 / 2.54

LUBRICATION

Proper lubrication of this tool is very important. Lack of lubrication will greatly reduce the life of the tool.

A "3 in 1" oil should be applied at regular intervals to all exposed pin and pivot points as well as the pawl and ratchet gear on the "Full Cycle Crimp Tool."

WARRANTY: The Ripley Company warrants that our line of tools are free of defect and fully operable at the time of shipment. The warranty is limited to the repair or replacement of any product which proves to be defective in material or workmanship, under normal use and service.



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