

Instruction Sheet

Instruction Number: 412837

Rev.: P1

DRN/ECO No.: XXXXX

ICA and LCF 1/2" Automatic Cable Preparation Tool - for B32 Connectors

The Automatic Cable Preparation Tool is a drill operated trimming device designed to quickly cut away the cable jacket for the purpose of connector installation. The tool will not scrape or damage the cable outer conductor or foam dielectric.

Read all directions before using this tool.

NOTE: The tool is cable size specific. Match the prep tool to the cable size.

Tools Required:

1. Fine Blade Hacksaw
2. Electric or Cordless Drill, 1/2" chuck
3. Protective Gloves
4. Safety Glasses



Warning:

Risk of injury by chip formation at the rotating tool. Be sure to wear close working clothes, protective gloves and safety glasses.

1. Flush cut the cable end with a hacksaw at the crest of a corrugation. Make sure the cable end is straight to a minimum length of 10 inches to prevent prep tool binding.

2. Secure the prep tool into the drill chuck. Be sure to wear protective gloves and safety glasses for the following steps 3, 4 and 5:



3. Firmly grasp the cable end as shown and insert the cable prep tool over the cable end.
4. With a straight and steady pressure of the prep tool and holding a constant RPM of the drill, strip away the cable jacket and copper outer conductor until the tool reaches the pre-measured stop at the cable end.

NOTE: Do not push the tool beyond the stop or excessive chamfering to the cable end will occur.

5. When jacket stripping is complete, reverse the drill motor and remove the prep tool from the cable. Clear the stripping tool of any debris after each use.
6. Check to be sure the cable jacket is trimmed to the crest of the last corrugation, and look for any irregular cuts or ragged debris. If the cable trim is not correct, review the trim tool procedures and start again from step 1.



7. Refer to the connector instruction sheet to start connector attachment with assembly of the O-ring, backnut and connector body onto the prepared cable.

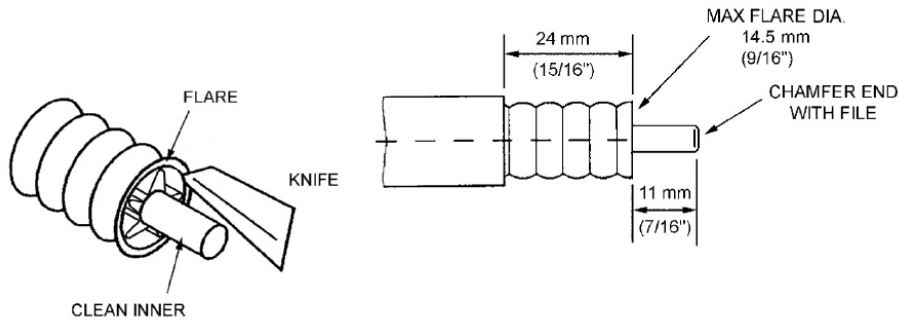


The following illustrations are for reference only.

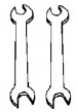
For detailed connector assembly, refer to the connector Instruction Sheet supplied with the connector.

Automatic Cable Preparation Tool and Trim Dimensions				
Cable Type	Part Number	Model Number	Outer Conductor Trim Dimensions	Inner Conductor Trim Dimensions
ICA12-50JPL	155 681 32	TRIM-ICA12-B32-A	24 mm (15/16")	11 mm (7/16")
LCF12-50J	155 681 32	TRIM-ICA12-B32-A	24 mm (15/16")	11 mm (7/16")

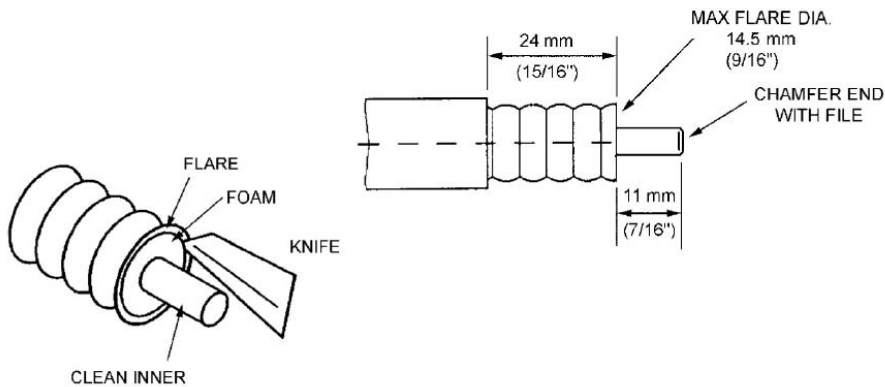
ICA12-50
Connector Assembly



-25 Nm
19 ft-lb



LCF12-50
Connector Assembly



-25 Nm
19 ft-lb

