

# BATTERY LUG & CONNECTOR CRIMPER INSTRUCTIONS FROM GROTE

**CONNECT  
& PROTECT**

## STEP-BY-STEP INSTRUCTIONS

1. Using the chart on the tool, determine the proper die setting for the gauge of cable and style of connector. *Fig. 1*
2. To select the dies, push the die pivot pins from the spring side and rotate both dies to the proper setting. Releasing the pivot pins locks the dies in place. *Fig. 2*
3. Strip cable insulation  $\frac{3}{4}$ " for copper tube lugs so that the bare conductor seats fully in the connector. If you are using heat shrink tubing, slide it over the cable before applying the connector. *Fig. 3*
4. Open tool and position connector in crimp dies. Fully close dies for proper crimp. *Fig. 4*
5. Crimp a minimum of  $\frac{1}{8}$ " in from the barrel end. *Fig. 5*
6. For best results, protect each termination with Grote heat shrink tubing. *Fig. 6*

Fig. 1 - Die setting chart

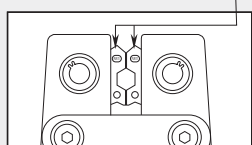


Fig. 2 - Push pin, rotate dies

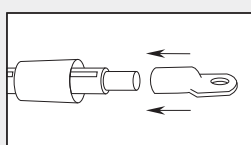


Fig. 3 - Slide heat shrink on first

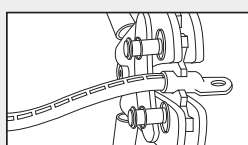


Fig. 4 - Position connector in dies

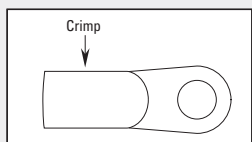


Fig. 5 - Crimp lug

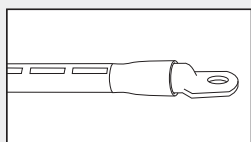


Fig. 6 - Shrink on tubing

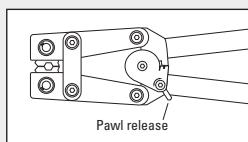


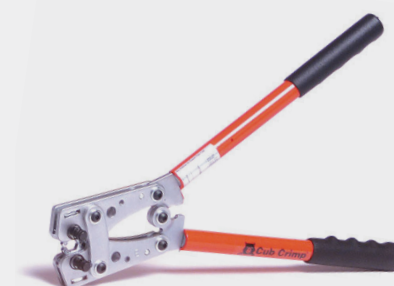
Fig. 7 - Pawl release

## RATCHET OPTION

The ratchet mechanism is designed to ensure the best possible crimped connection. The ratchet mechanism requires the operator to complete the full crimp before it will release. If required, the ratchet mechanism can be disengaged by moving the release pawl towards the handle. *Fig. 7*

## MAINTENANCE

Grote crimpers are factory lubricated with low friction, high temperature, synthetic lubricant. Additional lubrication may be required for very high usage tools. Simply add two or three drops of #30 weight oil to each pivot point. Circulate the oil by opening and closing the tool several times.



84-9080 – LIGHT TO MEDIUM DUTY APPLICATIONS

Crimp Die Settings			
Cable Ga.	Cast Copper Battery Terminals and Lugs	MagnaLugs 100% Copper	Copper Tube Lugs
8	GREY 25	GREY 16	RED 10
6	GREY 25	GREY 16	RED 10
4	GREY 25	BROWN 20	GREY 16
2	PINK 30	WHITE 14	GREY 25
1	PINK 30	PINK 30	GREY 25



84-9082 – MEDIUM TO HEAVY DUTY APPLICATIONS

Crimp Die Settings			
Cable Ga.	Cast Copper Connectors	MagnaLugs 100% Copper	Copper Tube Lugs
8	GREY 25	16	—
6	GREY 25	16	—
4	GREY 25	GREY 25	16
2	GREEN 30	—	GREY 25
1	PINK 30	PINK 30	GREY 25
1/0	BLACK 50	BLACK 50	GREEN 30
2/0	ORANGE 70	ORANGE 70	PINK 30
3/0	PURPLE 71	95	BLACK 50
4/0	YELLOW 120	YELLOW 120	ORANGE 70
250 MCM	YELLOW 120	—	—

**EZ-FIND**

SCAN CODE FOR MORE INFO  
BALAYER LE CODE POUR DE PLUS  
AMPLES RENSEIGNEMENTS  
ESCANEAR CÓDIGO PARA  
VER MAS INFORMACIÓN



84-9080



84-9082

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