

**SUBJECT****Battery Cable Tools****MODEL**

E82

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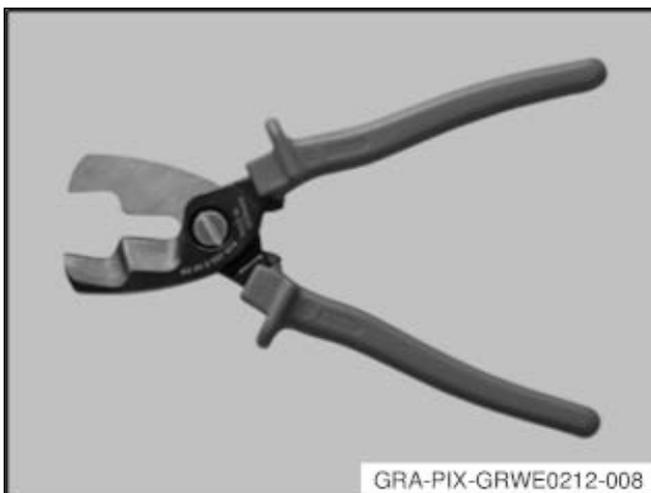
E93

Produced from 3/2007-7/2011

SITUATION

Distribution of the following tools will be through the Automatic Tool Shipment Program. Additional tools may be purchased through your Regional Distribution Center (RDC). All prices in this bulletin are introductory prices and are only valid at the time of initial publication.

The tools in this Service Information are used in conjunction with the Recall for repair of the positive battery cable on the above vehicles. Complete information regarding this Recall will be released in Service Information [B61 02 13](#).

**Cable Cutter**

Order P/N 83 30 2 337 974

Price - \$38.83

Twin edge cable cutter for cutting through large cross-section cables (10 mm-70 mm). The cable cutter is designed to cut cleanly through large cables without crushing the cable wires and insulation. The cable cutter also functions as a cable insulation stripping tool.



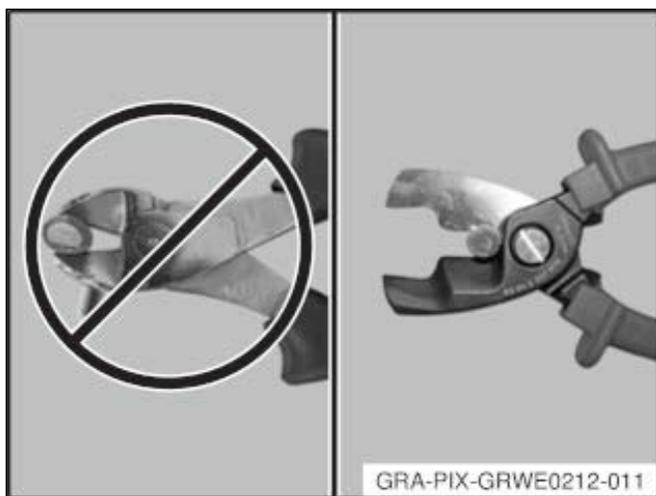
This illustration shows the proper positioning for cutting completely through a cable.

The cable cutter is not suitable for use on steel wire, wire rope and solid conductor copper cable.



This illustration shows the proper positioning for removing the insulation from the cable.

- Insert the cable as shown.
- Carefully turn (rotate) the cable cutter around the cable.



Do not attempt to use any other type of cable cutter on battery cables. Distortion and damage will result.

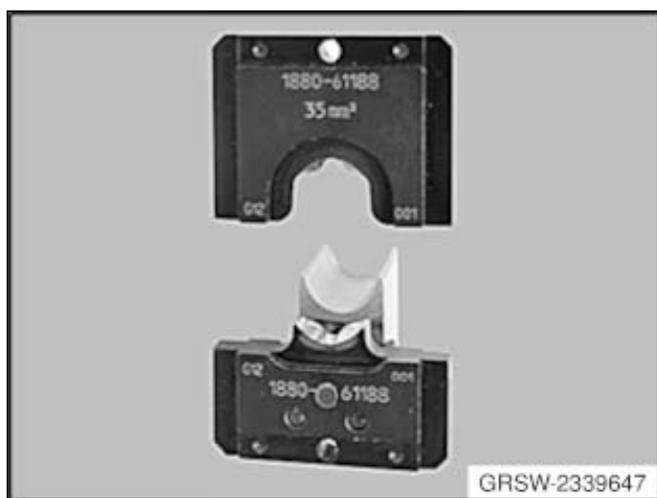
Crimping Pliers
 Order P/N 83 30 2 339 646
 Price \$346.52



Included tools:

1. Crimping Pliers
2. Adjustment Wrench
3. Storage Case

Note: The respective dies are not included and must be ordered separately.



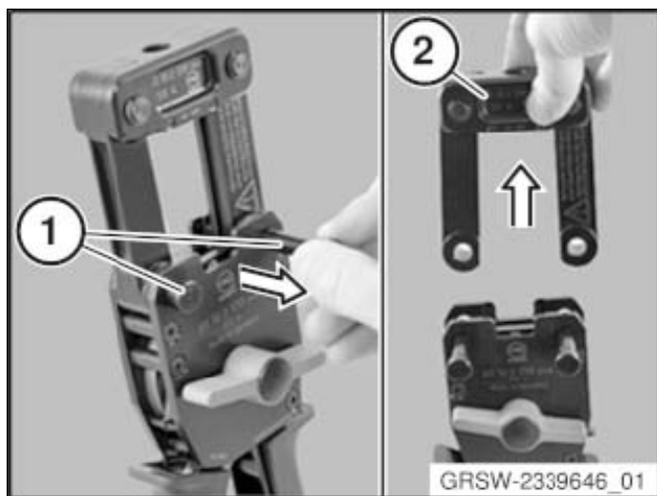
Die Plate

Order P/N 83 30 2 339 647

Price \$128.17

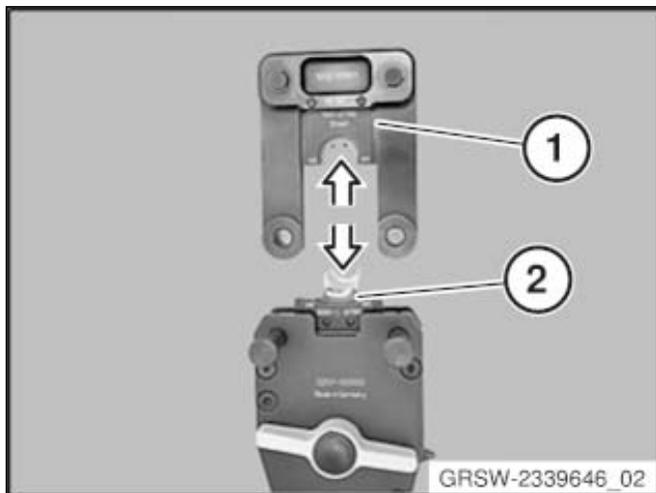
Note:

1. Only copper cables can be used.
2. Dies may only be used with a suitable section of cable and butt connector.

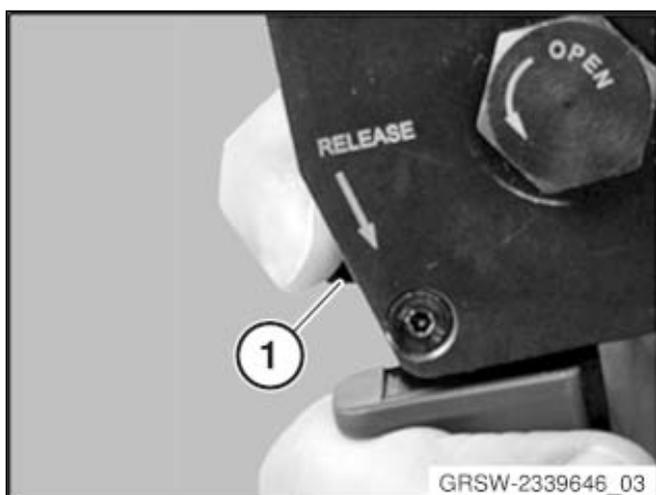


Procedure: Die Installation and Use

1. Pull the pins (1) from the housing as far as they will go.
2. Remove the upper part (2) of the crimping pliers.

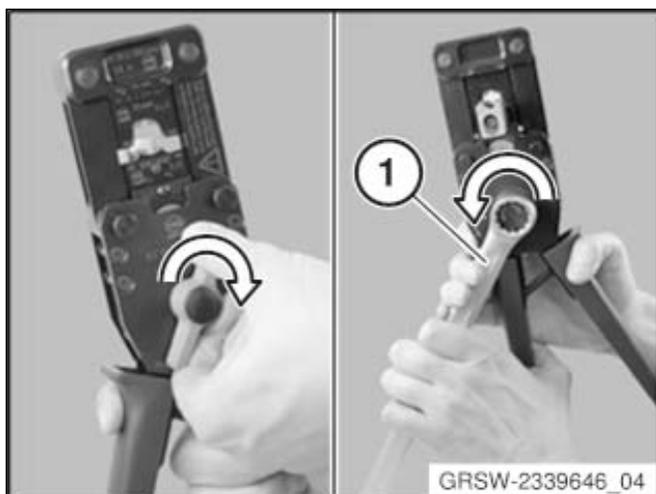


Insert the die (1) and (2) into the upper and lower part of the crimping pliers and engage the grooves. Refit the upper part of the pliers and engage the pins.



Unlocking the Crimping Pliers

For unlocking, first depress and hold the freewheel release lever (1) on the side of the pliers.



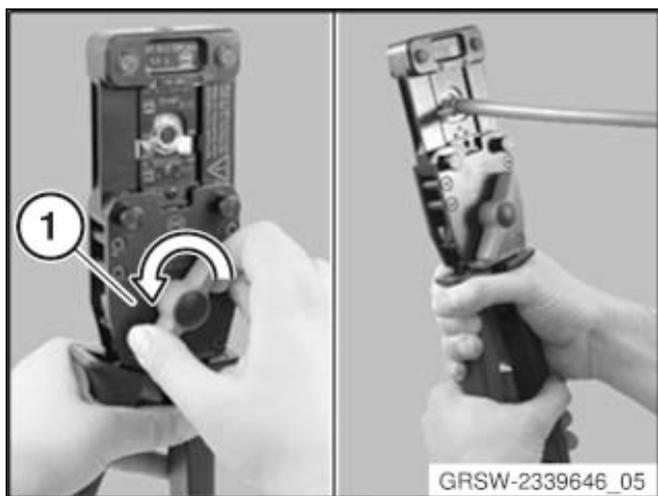
Without any crimping force being applied, unlock by turning the handwheel clockwise. With crimping force applied, use the wrench (1) as shown and turn in a counterclockwise direction.

Warning!

If this procedure is aborted or incomplete, the connection must not be used. Such a connection does not meet required standards.



Strip the cable insulation 2cm.



Crimping the Connector

Engage the butt connector and enable the quick-feed by turning the handwheel (1) in a counterclockwise direction. Then perform the crimping. To achieve proper crimping, a high-pressure force must be applied onto the butt connector. Crimping is completed once the crimping pliers open automatically.

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