

REPAIR KIT	USE WITH HAND TOOL		DESCRIPTION
	Model MR-1	Model VS-3	
229188-1	251101-1	230971-1	Standard (Blue)
	251101-5	230971-5	
	2-251101-2	2-230971-2	
	2031690-1		
229188-2	251101-4	230971-2	Mini (Black)
	2031690-2		

Figure 1

### 1. INTRODUCTION

Wire Support Bracket Repair Kits 229188-1 and -2 are used to replace the wire support brackets of the hand tools listed in Figure 1.

Reasons for reissue of this instruction sheet are provided in Section 4, REVISION SUMMARY.

### 2. DESCRIPTION

The repair kit contains the components shown in Figure 1. The kit includes an extra set of screws and lock washers.

### 3. USING THE KIT

1. Remove the wire support brackets from the tool by removing the four holding screws and lock washers. Discard these parts.
2. Fit one of the wire support brackets against the crimper so that the protruding tab rests on the top of the crimper. Make sure the flat edge at the front

of the wire support bracket aligns with the flat edge at the back of the crimper. See Figure 2.

3. Using the hex wrench, thread (but do not tighten) two of the holding screws with lock washers into the elongated holes of the crimper.

**NOTE**



Make sure to use 4-40 holding screws and No.4 lock washers with the left hand support bracket and 2-56 holding screws and No. 2 lock washers with the right hand support bracket.

4. Hold the wire support bracket so that it fits tightly against the crimper, then push the wire support bracket toward the flat edge at the back of the crimper as far as possible (the elongated holes will allow this).

5. Tighten the holding screws enough to flatten the lock washers. DO NOT over-tighten the holding screws; otherwise, the screws could bottom and shear off into the crimper.

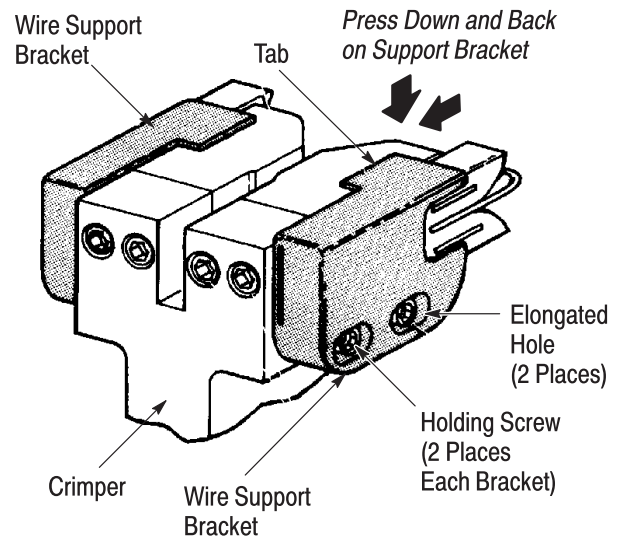


Figure 2

6. Repeat Steps 2 through 5 for the remaining wire support bracket.

7. After replacing the wire support brackets, crimp five half-tap and five through splices; then inspect them according to the instruction sheet included with the tool.

**NOTE**



If the test splices fail any of the inspection requirements, this indicates that the tool sustained damages other than the wire support brackets.

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#### 4. REVISION SUMMARY

Revisions to this instruction sheet include:

- Updated document to corporate requirements
- Added text to Section 2
- Added Kit –2
- Replaced Paragraphs 3.1 and 3.2 with reference to tool instruction sheet