



# Extractor Tool

## Instruction Manual

MOLEX JAPAN CO., LTD.

Tool No.: 57399-6000

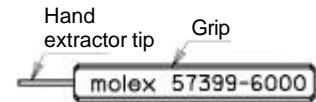
Instruction Manual Number	
IS-0103J	
ISSUED	Apr. 23, 1999
REVISED	Sep. 10, 2002
REV.	F

1. Introduction

This manual is designed to ensure proper use of the hand extractor. Read thoroughly prior to use.

2. Specifications

Applicable housing number	51227 / 51242 / 51284 / 51346 / 51347 / 51353 / 51382	51206
Applicable terminal number	56086 / 56134 / 56187 / 56188 / 56265 / 56279	56035



3. Procedures

Follow the extraction procedures described in Section 3-2 when using the 51206 housing. Otherwise, follow the procedures described in Section 3-1.

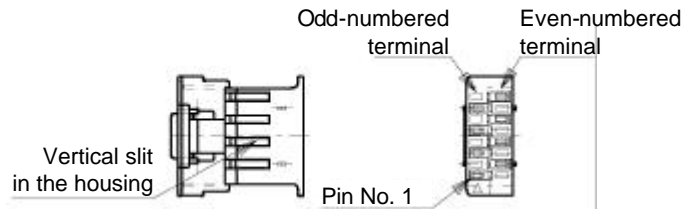
**⚠ Caution:** This hand extractor should be used to extract the terminal only. Using it for unintended purposes may cause injury or parts damage. Be careful not to deform the end of the terminal. Avoid lifting the housing lance too high.

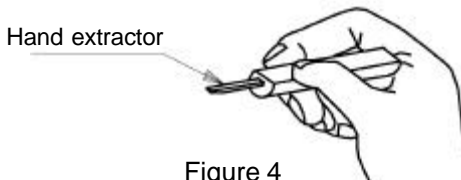
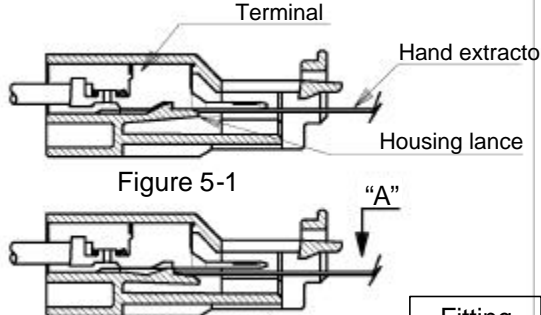
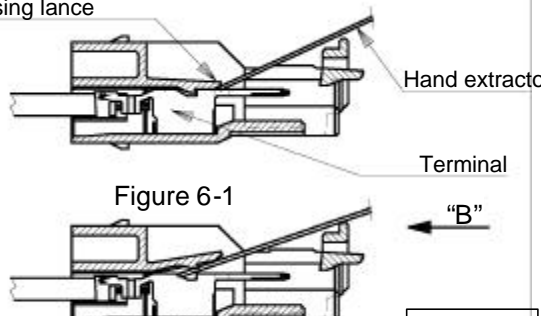
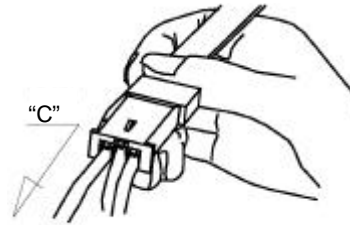
3-1. Non-51206 Housings

Step	Instruction diagram
<p>1. Hold the hand extractor with the molex logo side facing up as shown in Figure 1.</p>	<p>Figure 1</p>
<p>2. Insert the hand extractor into the housing from its fitting, and hook it to the housing lance as shown in Figure 2-1. (Insert the hand extractor with the molex logo side facing up.) Lower the hand extractor in the direction A as shown in Figure 2-2 to unclip the housing lance from the terminal.</p> <p>When using the 51382 housing, insert the hand extractor into the housing from the outside, and hook it to the housing lance (see Figure 3).</p>	<p>Figure 2-1</p> <p>Figure 2-2</p>
<p>3. Hold the hand extractor and the housing as shown in Figure 2-2. Pull the wire in the direction B as shown in Figure 3 to extract the terminal.</p> <p><b>⚠ Caution:</b> Do not reuse the 51242, 51353, and 51382 housings once the terminals are extracted.</p>	<p>Figure 3</p>

3-2. 51206 Housing

Note that the steps differ between the odd-numbered terminals and the even-numbered terminals of the 51206 housing.



Step	Instruction diagram
<p>1. Hold the hand extractor with the molex logo side facing up as shown in Figure 4 (for odd-numbered terminals).</p>	 <p>Hand extractor</p> <p>Figure 4</p>
<p>2. Insert the hand extractor into the housing from its fitting, and hook it to the housing lance as shown in Figure 5-1. (Insert the hand extractor with the molex logo side facing up.)</p> <p>Lower the hand extractor in the direction A as shown in Figure 5-2 to unclip the housing lance from the terminal.</p> <p style="text-align: center;">For odd-numbered terminals</p>	 <p>Terminal</p> <p>Hand extractor</p> <p>Housing lance</p> <p>Figure 5-1</p> <p>Figure 5-2</p> <p>Wire</p> <p>Fitting</p> <p>"A"</p>
<p>3. Insert the hand extractor into the housing from its vertical slit, and hook it to the housing lance as shown in Figure 6-1. (Insert the hand extractor with the molex logo side facing up.)</p> <p>Push the hand extractor in the direction B as shown in Figure 6-2 to unclip the housing lance from the terminal.</p> <p style="text-align: center;">For even-numbered terminals</p>	 <p>Housing lance</p> <p>Hand extractor</p> <p>Terminal</p> <p>Figure 6-1</p> <p>Figure 6-2</p> <p>Wire</p> <p>Fitting</p> <p>"B"</p>
<p>4. Hold the hand extractor and the housing as shown in Figures 5-2 and 6-2. Pull the wire in the direction C as shown in Figure 7 to extract the terminal.</p>	 <p>"C"</p> <p>Figure 7</p>