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› iCrimp Deutsch Contact Removal Tools, DT Series, Terminal Extraction Tool Kit for Deutsch Solid Contacts, 14 to 24 Gauge, 3 Pieces

IWISS IWS-123D

iCrimp Deutsch Contact Removal Tools Instruction Manual

Model: IWS-123D | Brand: IWISS

1. INTRODUCTION

The iCrimp Deutsch Contact Removal Tool Kit (Model IWS-123D) is designed for the safe and efficient removal of Deutsch solid contacts from DT, DTM, and DTP series connectors. This 3-piece kit provides specialized tools to prevent damage to terminals and wires during the extraction process, ensuring reliable electrical connections in various automotive and industrial applications.

2. COMPONENTS

The iCrimp Deutsch Contact Removal Tool Kit includes three distinct tools, each color-coded and sized for specific wire gauges:

- **DR01 (Red):** Designed for 20-24 AWG (American Wire Gauge) Deutsch terminals.
- **DR02 (Blue):** Designed for 16-18 AWG Deutsch terminals.
- **DR03 (Gold):** Designed for 14-16 AWG Deutsch terminals.

3-PIECES

Terminal Release Tools



DR01

Deutsch Terminal
20-24Gauge



DR02

Deutsch Terminal
16-18Gauge



DR03

Deutsch Terminal
14-16Gauge

Image: The three color-coded iCrimp Deutsch contact removal tools, showing their respective model numbers and compatible wire gauges.



Image: A detailed view of one of the tools, illustrating its construction with a stainless steel shaft and a knurled aluminum handle, emphasizing its color-coded design for easy identification.

3. SETUP

No specific setup is required for these tools. Ensure you select the correct tool (DR01, DR02, or DR03) based on the wire gauge of the Deutsch contact you intend to remove. Refer to the "Components" section for gauge compatibility.

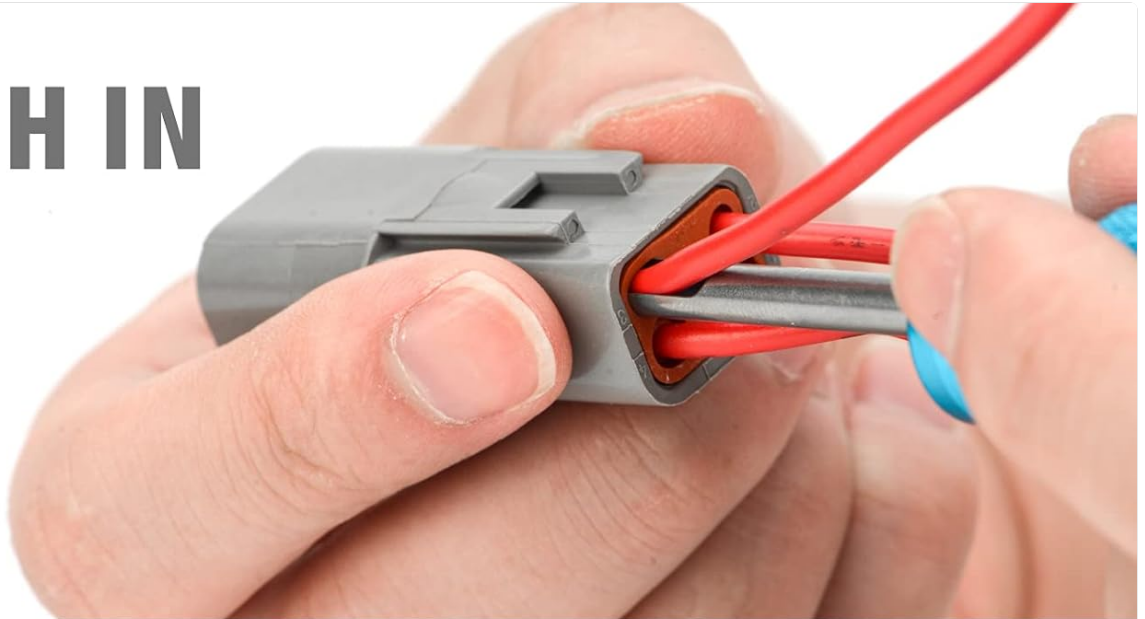
4. OPERATING INSTRUCTIONS

Follow these steps to safely remove Deutsch contacts using the iCrimp tools:

1. **Identify the Correct Tool:** Determine the wire gauge of the contact to be removed. Select the corresponding iCrimp tool (DR01 for 20-24AWG, DR02 for 16-18AWG, DR03 for 14-16AWG).
2. **Insert the Tool:** Carefully insert the U-shaped blade of the selected tool into the connector cavity, around the wire and contact. Push the tool firmly until it bottoms out. This action releases the locking tangs of the contact.

3. **Remove the Contact:** While holding the tool in place, gently pull the wire and contact out from the rear of the connector. The contact should slide out easily once the tangs are disengaged.
4. **Inspect and Reassemble:** After removal, inspect the contact and connector for any damage. If reinserting, ensure the locking tangs on the contact are properly formed before pushing it back into the connector until it clicks into place.

PUSH IN



QUICK GUIDE

PULL OUT

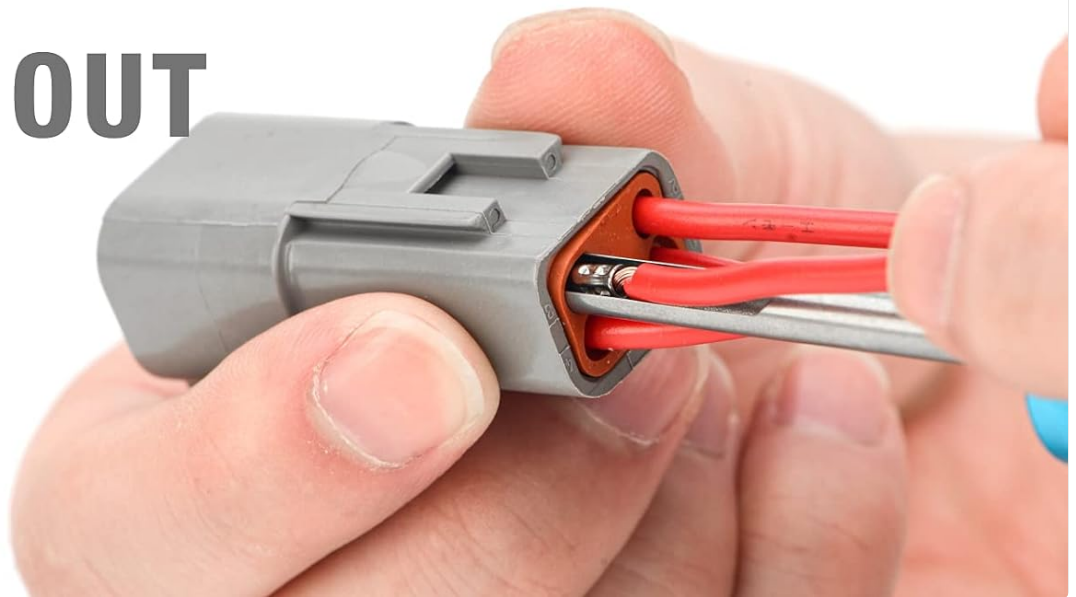


Image: A visual guide demonstrating the "PUSH IN" and "PULL OUT" method for contact removal from a Deutsch connector.

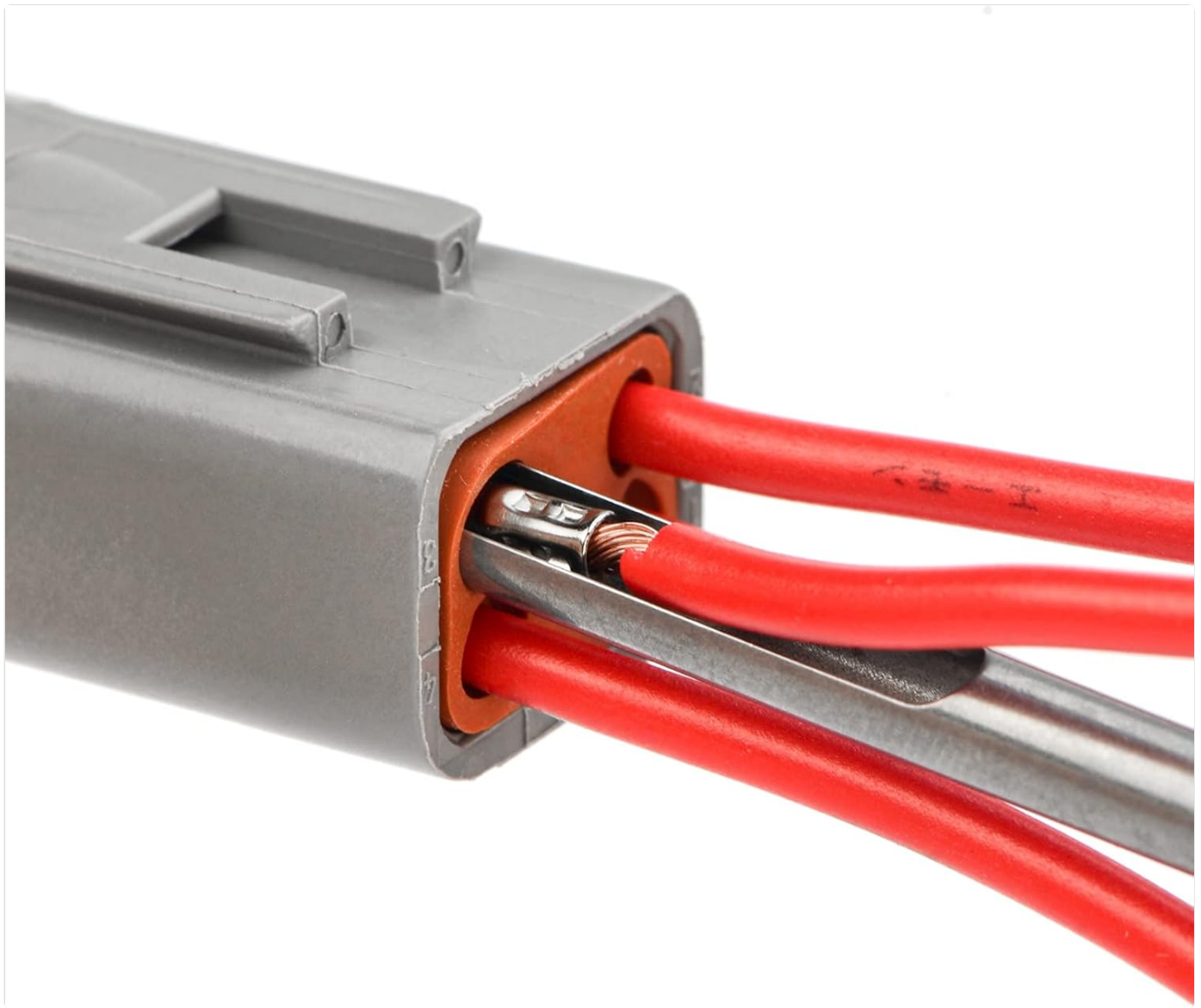


Image: A close-up showing the contact removal tool correctly inserted into a Deutsch connector, illustrating how it disengages the terminal.

Instructional Video:

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Video: An official instructional video demonstrating the use of iCrimp Deutsch Contact Removal Tools for both DT and DTP series connectors, showing the step-by-step process of terminal extraction.

5. MAINTENANCE

To ensure the longevity and optimal performance of your iCrimp Deutsch Contact Removal Tools:

- **Cleaning:** After each use, wipe the tools clean with a dry cloth to remove any dirt, grease, or debris.
- **Storage:** Store the tools in a dry environment to prevent rust or corrosion. The original packaging or a tool roll is recommended for protection.
- **Inspection:** Periodically inspect the tool tips for any signs of bending, wear, or damage. Damaged tools may not function correctly and could harm contacts or connectors.

6. TROUBLESHOOTING

If you encounter difficulties while using the tools, consider the following:

- **Contact Not Releasing:**
 - Ensure you are using the correct size tool for the wire gauge.
 - Verify the tool is fully inserted and seated around the contact.
 - Check if the contact's locking tangs are bent or damaged, preventing release.
- **Tool Bending/Damage:**
 - Avoid excessive force. The tools are designed to release contacts with minimal effort when correctly applied.
 - Ensure the tool is aligned properly with the contact and not forced at an angle.

7. SPECIFICATIONS

Feature	Detail
Product Name	iCrimp Deutsch Contact Removal Tools
Model Number	IWS-123D
Kit Contents	3 Pieces (DR01, DR02, DR03)
Compatible Connectors	Deutsch DT, DTM, DTP Series (Solid Contacts)
Wire Gauge Compatibility	DR01: 20-24 AWG DR02: 16-18 AWG DR03: 14-16 AWG
Material	Stainless Steel Tips, Anodized Aluminum Handles
Item Weight	3.52 ounces
Package Dimensions	4.76 x 2.4 x 1.26 inches

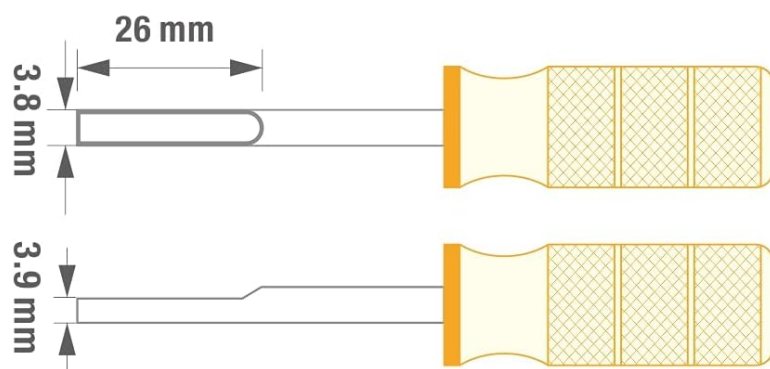
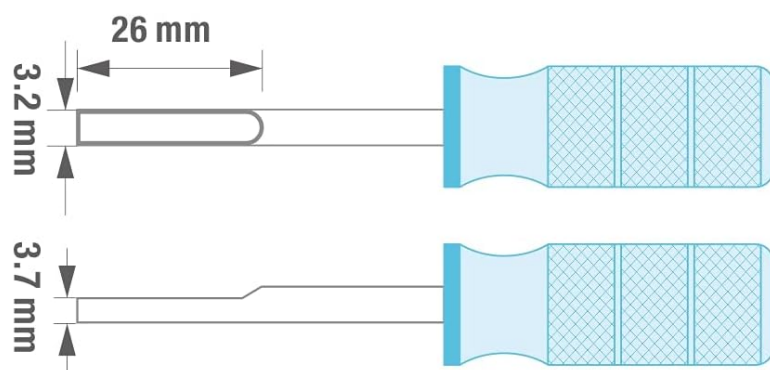
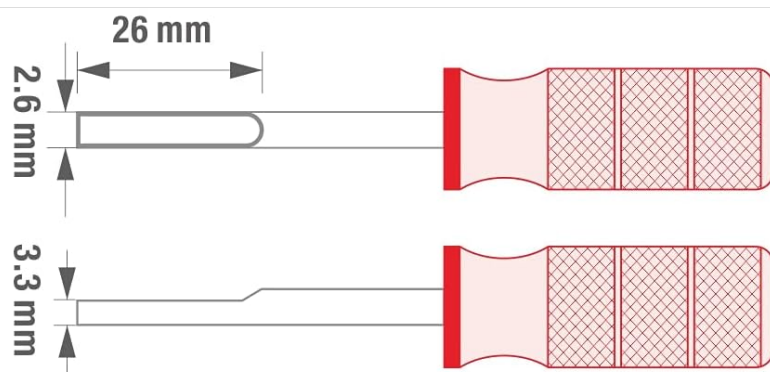


Image: Detailed technical specifications and dimensions for each of the three contact removal tools (DR01, DR02, DR03).

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your iCrimp Deutsch Contact Removal Tools, please contact IWISS customer service directly. Refer to the product packaging or the official IWISS website for the most current contact details and warranty policy.

Manufacturer: ZHEJIANG IWISS ELECTRIC CO.,LTD

For more information, visit the [IWISS Store on Amazon](#).

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question