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› elechawk Servo Plug Connector Crimp Pin Kit (Model 78908) Instruction Manual

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Brand: elechawk | Model: 78908

INTRODUCTION

This manual provides instructions for the elechawk 30 Sets Servo Plug Male Female Connector Crimp Pin Kit. This kit is designed for creating or repairing servo extensions and connectors, compatible with Futaba, Hitec, and Spektrum RC systems. The components are made from brass with nickel plating for low resistance and reliable connections.

PRODUCT CONTENTS

The elechawk Servo Plug Connector Crimp Pin Kit includes 30 complete sets of components, organized for easy storage and access. Each set contains the necessary parts to assemble one male or female servo connector.

- 30x Male Connector Housings
- 30x Female Connector Housings
- 90x Crimp Pins (3 pins per connector)



Image: Overview of the elechawk Servo Plug Connector Crimp Pin Kit, showing the organized components within the storage box.

ASSEMBLY INSTRUCTIONS

Follow these steps to properly crimp wires and assemble the servo connectors. A crimping tool is recommended for best results, but ordinary pliers can also be used with care.

Step 1: Prepare Wires and Crimp Pins

1. Carefully strip a small section of insulation from the end of each wire (typically 22AWG servo wire).
2. Place a crimp pin onto the stripped wire end. Ensure the wire conductor is fully seated within the crimp area of the pin.
3. Using a suitable crimping tool or pliers, firmly crimp the pin onto the wire. Verify that the connection is secure and the wire insulation is also partially crimped for strain relief.



Image: Individual components of the servo plug kit, including male and female housings and crimp pins.

Step 2: Insert Pins into Connector Housing

4. Identify the correct orientation for inserting the crimped pins into the connector housing. Ensure the small locking tab on the pin aligns with the slot inside the housing.
5. Gently push each crimped pin into its designated slot in the connector housing until it clicks into place. Lightly tug on the wire to confirm the pin is securely locked.
6. Repeat for all three wires, ensuring the correct wire color corresponds to the appropriate pin position (e.g., signal, power, ground).

Assemble it as this picture

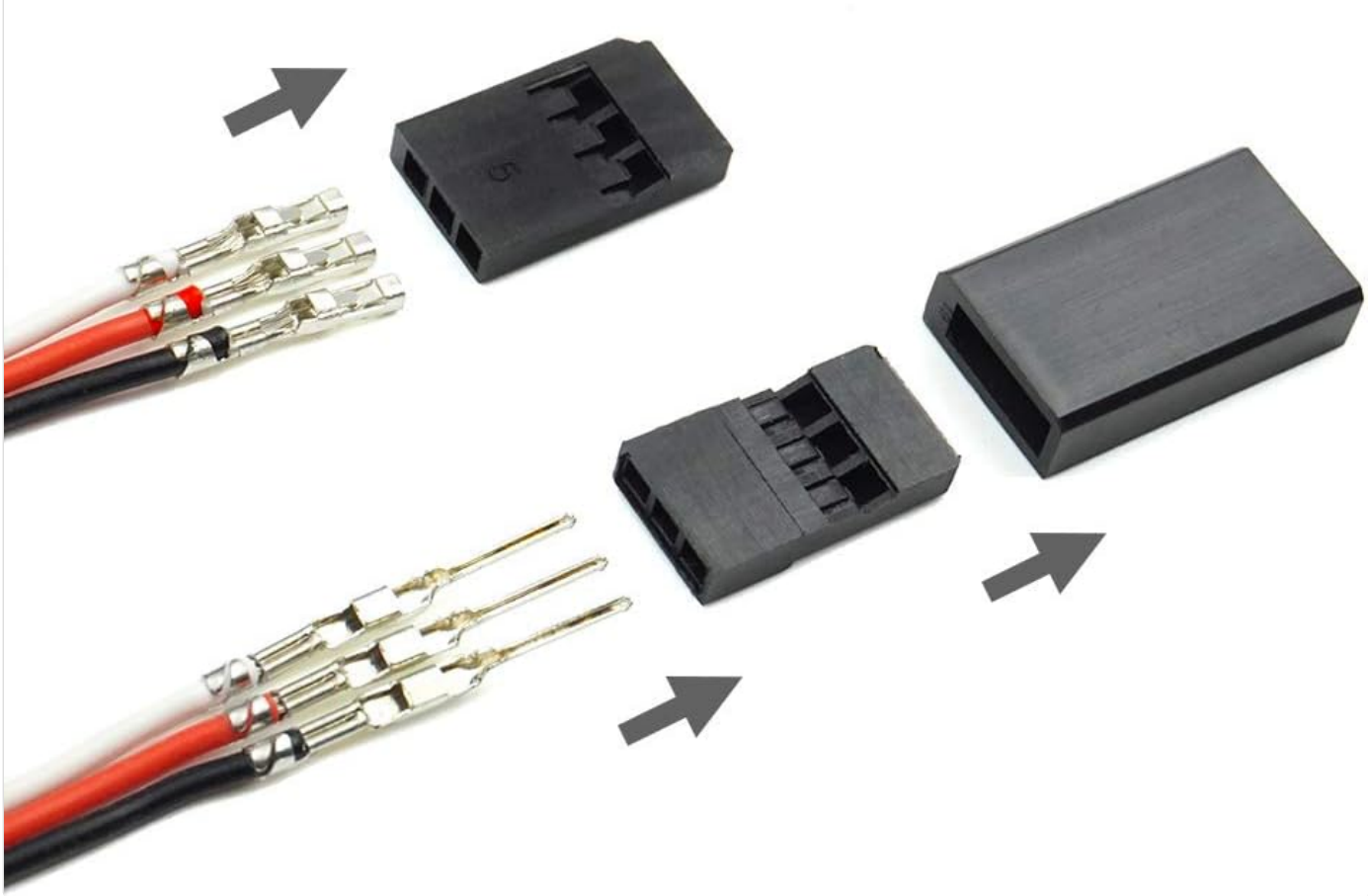


Image: Visual guide demonstrating how to assemble the crimped pins into the servo connector housings.

Video Guide: Crimp and Assemble Pin Connector

Your browser does not support the video tag.

Video: A detailed demonstration on how to crimp wires and assemble the pin connectors for servo applications.

OPERATING INSTRUCTIONS

Once assembled, the servo connectors can be used to extend or repair wiring for RC components. Ensure that the male and female connectors are properly aligned before pushing them together to avoid bending pins. Always verify continuity and correct polarity before connecting to sensitive electronic equipment.

SPECIFICATIONS

Feature	Detail
Product Model Number	78908
Quantity	30 Sets (Male/Female Connectors & Crimp Pins)
Compatibility	Futaba, JR, Hitec, Spektrum RC systems

Feature	Detail
Pin Spacing	2.54mm
Material	Brass and Nickel Plated
Package Dimensions	5.31 x 2.68 x 1.1 inches
Item Weight	2.46 ounces
Manufacturer Recommended Age	15 years and up

TROUBLESHOOTING

- **Loose Connection:** Ensure pins are fully crimped onto the wires and securely seated within the connector housing until they click.
- **Difficulty Inserting Pins:** Verify the pin orientation matches the housing slot. Do not force pins; this can damage the housing or bend the pin.
- **Intermittent Signal:** Check for proper crimping and ensure no stray wire strands are causing short circuits. Verify correct polarity.

WARRANTY AND SUPPORT

For any questions regarding the elechawk Servo Plug Connector Crimp Pin Kit, please contact the manufacturer directly through your purchase platform. Keep your proof of purchase for warranty claims, if applicable.