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## ABZEKH L900 Pro SE MAX Body Shell

# ABZEKH L900 Pro SE MAX Drone Body Shell Replacement Manual

Model: L900 Pro SE MAX Body Shell (Black)

## 1. INTRODUCTION

This manual provides detailed instructions for the replacement of the ABZEKH L900 Pro SE MAX Drone Upper and Lower Body Shell. It is intended for users who need to replace damaged or worn body components of their L900 Pro SE MAX drone. Please read all instructions carefully before proceeding with the replacement process.

## 2. PRODUCT OVERVIEW

The ABZEKH L900 Pro SE MAX Body Shell is a direct replacement part designed to restore the structural integrity and aesthetic appearance of your L900 Pro SE MAX drone. This package includes both the upper and lower body shell components.



Figure 2.1: ABZEKH L900 Pro SE MAX Drone Black Body Shell (Upper and Lower Components). The image displays the two main parts of the drone's body shell: the upper casing with integrated arm mounts and the lower casing, which forms the base of the drone's main body.

### 3. COMPATIBILITY

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This body shell is specifically designed for the **L900 Pro SE MAX** remote control drone. It is not compatible with other drone models, including the standard L900 Pro or L900 models. Ensure your drone model matches the specified compatibility before attempting installation.

### 4. INSTALLATION GUIDE (SETUP)

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Before beginning, ensure the drone's battery is disconnected and all power is off. Work on a clean, well-lit surface to prevent loss of small components.

#### 4.1. Required Tools

- Small Phillips head screwdriver
- Plastic prying tool (optional, for delicate separation)
- Container for screws

#### 4.2. Disassembly of Old Body Shell

1. **Remove Propellers:** Carefully remove all propellers from the motor shafts.

2. **Remove Landing Gear (if applicable):** If your drone has detachable landing gear, remove it.
3. **Locate and Remove Screws:** Identify all screws securing the upper and lower body shells. These are typically located on the underside, around the edges, and sometimes within the battery compartment or under rubber feet. Use the Phillips head screwdriver to remove them. Place all screws in a container to avoid losing them.
4. **Carefully Separate Shells:** Gently pry apart the upper and lower body shells. Be cautious of any internal wiring or connectors that may still be attached between the two halves. Do not force them apart.
5. **Disconnect Internal Components:** Disconnect any wires (e.g., camera, LED, motor wires) that connect the internal components to the old body shell or pass through it. Note their original positions for reassembly.
6. **Transfer Internal Components:** Carefully remove the main circuit board, motors, camera module, and any other electronic components from the old body shell.

### 4.3. Assembly of New Body Shell

1. **Place Internal Components:** Transfer all internal components (main circuit board, motors, camera, etc.) into the corresponding slots and mounts within the new lower body shell. Ensure all components are seated correctly and securely.
2. **Reconnect Wires:** Reconnect all wires to their appropriate ports. Ensure no wires are pinched or obstructing the closing of the shell.
3. **Align and Close Shells:** Carefully align the new upper body shell with the lower body shell. Gently press them together, ensuring all clips and alignment pins engage properly.
4. **Secure with Screws:** Reinsert all screws that were removed during disassembly. Tighten them firmly but do not overtighten, as this can strip the plastic threads.
5. **Reattach Landing Gear and Propellers:** Reinstall the landing gear (if applicable) and then reattach the propellers to their respective motor shafts. Ensure propellers are installed on the correct motors (e.g., A and B type propellers).

## 5. MAINTENANCE

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To ensure the longevity of your new body shell and drone:

- **Regular Cleaning:** Wipe the body shell with a soft, dry cloth after each use to remove dust and debris. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the internal electronics.
- **Avoid Impacts:** While the body shell is designed to be durable, repeated hard impacts can cause cracks or damage. Practice safe flying and avoid collisions.
- **Storage:** Store the drone in a cool, dry place away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

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If you encounter issues after replacing the body shell, consider the following:

- **Drone Not Powering On:** Double-check all internal wire connections, especially the main power connection to the circuit board. Ensure the battery is fully charged and correctly inserted.
- **Unusual Vibrations/Noise:** Verify that all screws are tightened properly and that no internal components are loose. Check that propellers are correctly installed and balanced.
- **Component Malfunction (e.g., Camera, LEDs):** Re-examine the specific wire connections for the affected component. Ensure they are securely plugged in and not damaged.
- **Shell Gaps:** If there are gaps between the upper and lower shells, ensure all internal components are seated correctly and not obstructing the closure. Check that all screws are reinserted and tightened.

## 7. SPECIFICATIONS

Attribute	Detail
Product Name	ABZEKH L900 Pro SE MAX Drone Upper and Lower Body Shell Part
Model Compatibility	L900 Pro SE MAX Drone
Material	Durable Composite Plastic
Color	Black
Weight	Approximately 1 Grams (as per product specifications, likely for the part itself, not packaging)
Manufacturer	ABZEKH

## 8. WARRANTY AND SUPPORT

Information regarding specific warranty terms for this replacement part is not provided in the product details. For warranty claims or technical support, please contact the seller or manufacturer directly through your purchase platform. For general inquiries or further assistance, refer to the official ABZEKH support channels or the retailer's customer service.



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This manual is for informational purposes only. ABZEKH is not responsible for any damage or injury caused by improper installation or use of this product.