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› ECCPP Hood Lift Support Struts Instruction Manual for Hyundai Santa Fe 3.3L (2013-2017) and Santa Fe XL 3.3L (2013-2017)

ECCPP 116737-5379-1532414673

ECCPP Hood Lift Support Struts Instruction Manual

For Hyundai Santa Fe 3.3L (2013-2017) and Santa Fe XL 3.3L (2013-2017)

1. PRODUCT OVERVIEW

This manual provides instructions for the installation and maintenance of ECCPP Hood Lift Support Struts. These gas shocks are designed to assist in opening and securely holding the vehicle's hood, ensuring convenient access to the engine bay.



Image 1.1: A pair of ECCPP Hood Lift Support Struts, black cylinder with a silver rod and black end fittings.

2. COMPATIBILITY

These ECCPP Hood Lift Support Struts are compatible with the following vehicle models:

- Hyundai Santa Fe 3.3L: 2013, 2014, 2015, 2016, 2017
- Hyundai Santa Fe XL 3.3L: 2013, 2014, 2015, 2016, 2017

Replaces OE Part Number: 6877.



Image 2.1: A close-up of the product label, indicating 'Part NO: 6877' and 'MADE IN CHINA'.

3. PRODUCT SPECIFICATIONS

Specification	Detail
Vehicle Location	Hood - Front left and right
Actual Extended Length	15.12 inches
Actual Compressed Length	9.88 inches
Operating Force	316 Newtons
Item Weight (each)	1.06 pounds
Product Dimensions	16.22 x 2.24 x 1.22 inches
Material	High-quality steel with multi-lobe seals
Model Number	116737-5379-1532414673
UPC	840342736812

These lift supports feature heat-resistant piston rods for extended product life and multi-lobe seals for effective resistance against vibration and extreme temperatures. They are manufactured to meet or exceed OEM specifications.



Image 3.1: Close-up view of the robust cylinder and piston rod seal, highlighting the quality construction.

4. PACKAGE CONTENTS

- 2 x ECCPP Hood Lift Support Struts

5. SAFETY INFORMATION

Always prioritize safety when working on your vehicle. Failure to follow safety precautions can result in injury or damage.

- **Wear appropriate personal protective equipment:** This includes safety glasses and gloves.
- **Secure the hood:** Before removing old lift supports, ensure the hood is securely propped open with a sturdy prop rod or by another person. Never rely solely on one lift support to hold the hood.
- **Avoid sudden release:** Gas struts are under pressure. Handle with care and avoid puncturing or heating them.

- **Consult a professional:** If you are unsure about any step of the installation process, seek assistance from a qualified mechanic.

6. INSTALLATION INSTRUCTIONS (SETUP)

Installation of these hood lift supports is designed to be straightforward and can typically be completed with simple hand tools in minutes. No special tools are required.

Tools Required:

- Small flat-head screwdriver (for prying clips)
- Sturdy prop rod or assistance from another person

Procedure:

1. **Open and Secure the Hood:** Open your vehicle's hood and securely prop it open using a prop rod or have another person hold it firmly. Ensure the hood cannot accidentally fall.
2. **Locate Existing Lift Supports:** Identify the old hood lift supports on both sides of the hood.
3. **Remove Old Lift Supports:** Using a small flat-head screwdriver, carefully pry open the metal retaining clips on both ends of one old lift support. Once the clips are open, gently pull the lift support off the ball studs. Repeat for the other old lift support.
4. **Install New Lift Supports:** Align one end of the new ECCPP lift support with the corresponding ball stud on the vehicle. Push the end fitting onto the ball stud until it clicks into place. You may need to apply firm pressure. Repeat for the other end of the new lift support. Ensure both ends are securely attached.
5. **Test Functionality:** Carefully remove the prop rod or release the hood from assistance. Slowly lower and raise the hood to confirm that the new lift supports are functioning correctly and holding the hood securely in the open position.



Image 6.1: A single ECCPP hood lift support strut shown in its fully extended position.





Image 6.2: A detailed view of the end fitting, designed for secure attachment to ball studs.

7. OPERATION

Once installed, the ECCPP Hood Lift Support Struts will automatically assist in lifting the hood when opened and hold it securely in the raised position. To close the hood, gently pull it down until the supports compress and the hood latches.

8. MAINTENANCE

These lift supports are designed for long-lasting performance with minimal maintenance. However, periodic inspection is recommended:

- **Inspect for Damage:** Regularly check the struts for any signs of damage, bending, leaks, or corrosion.
- **Check End Fittings:** Ensure the end fittings remain securely attached to the ball studs.
- **Clean:** Keep the struts clean from dirt and debris to prevent premature wear on the seals.
- **Functionality Test:** Periodically test the hood's ability to stay open on its own. If the hood begins to sag or does not stay open reliably, it may be time to replace the supports.

9. TROUBLESHOOTING

Common Issues and Solutions:

- **Hood does not stay open:**
 - Ensure both new lift supports are installed correctly and securely.
 - Verify that the correct part number was used for your vehicle.
 - If the supports are old, they may have lost pressure and require replacement.
- **Difficulty closing the hood:**
 - New lift supports can be stiff initially. Apply firm, even pressure to close the hood.
 - Ensure there are no obstructions preventing the hood from closing fully.
- **Unusual noises (squeaking, grinding):**
 - Check for proper alignment of the end fittings on the ball studs.
 - Ensure the ball studs are clean and free of rust or debris.

10. WARRANTY AND SUPPORT

For specific warranty information or technical support, please refer to the ECCPP official website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Manufacturer: ECCPP

Website: [Visit the ECCPP Store on Amazon](#)