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› Hutchinson 586297 Motor Support User Manual

Hutchinson 586297

Hutchinson 586297 Motor Support User Manual

Model: 586297

1. INTRODUCTION

This user manual provides essential information for the proper installation, maintenance, and troubleshooting of the Hutchinson 586297 Motor Support. This component is designed to provide stable support for the engine, reducing vibrations and ensuring proper alignment within the vehicle's chassis. Please read this manual thoroughly before proceeding with any installation or maintenance.

2. PRODUCT OVERVIEW

The Hutchinson 586297 Motor Support is a critical automotive component engineered for specific vehicle models. It serves as a vital link between the engine and the vehicle's frame, absorbing engine vibrations and shocks to provide a smoother ride and protect other vehicle components.

Key Features:

- Origin: France.
- No modifications are required for installation.
- Designed as a direct replacement for used or worn parts.

Product Images



Figure 2.1: Front view of the Hutchinson 586297 Motor Support. This image shows the main body of the motor support with the top mounting stud and washer visible.



Figure 2.2: Bottom view of the Hutchinson 586297 Motor Support. This perspective highlights the base plate and mounting holes for secure attachment.



Figure 2.3: Dimensional view of the Hutchinson 586297 Motor Support. This image provides a visual reference for the product's size, indicating a height of approximately 7.1 inches (17 cm).

3. SETUP AND INSTALLATION

The Hutchinson 586297 Motor Support is designed for specific vehicle applications (SAAB 9-5 models as specified in the product description). Proper installation is crucial for safety and performance. It is highly recommended that installation be performed by a qualified automotive technician.

General Installation Guidelines (Consult a professional for specific vehicle procedures):

1. **Safety First:** Ensure the vehicle is securely lifted and supported on jack stands. Disconnect the battery if necessary.
2. **Engine Support:** Use an engine hoist or jack with a wooden block to support the engine's weight before removing the old motor support.
3. **Remove Old Part:** Carefully unbolt and remove the existing motor support. Note the orientation and position of the old part.
4. **Inspect Area:** Clean the mounting surfaces and inspect for any damage or corrosion.
5. **Install New Part:** Position the new Hutchinson 586297 Motor Support in the correct orientation. The position is specified as Front Right.
6. **Secure Fasteners:** Hand-tighten all bolts first, then torque them to the manufacturer's specifications using a torque wrench. Do not overtighten.
7. **Lower Engine:** Slowly lower the engine onto the new support, ensuring proper seating.
8. **Final Checks:** Double-check all fasteners for tightness. Ensure no tools or debris are left in the engine bay.

Note: This motor support is a direct replacement and requires no modifications to the vehicle.

4. OPERATING PRINCIPLES

The Hutchinson 586297 Motor Support is a passive component that functions continuously as part of the vehicle's engine mounting system. Once correctly installed, it works by:

- **Supporting Engine Weight:** Bearing the static weight of the engine and transmission assembly.
- **Dampening Vibrations:** Utilizing its rubber and metal construction to absorb engine vibrations, preventing them from being transmitted to the vehicle's chassis and cabin.
- **Controlling Engine Movement:** Limiting excessive engine movement during acceleration, braking, and cornering, which helps maintain proper alignment of drive components.

No user interaction is required for the operation of this component after installation.

5. MAINTENANCE

Motor supports are wear-and-tear items and do not typically require routine maintenance beyond periodic inspection. However, regular checks can help identify potential issues early.

Recommended Inspection:

- **Visual Check:** During routine vehicle servicing, visually inspect the motor support for signs of wear, cracking, tearing of the rubber, or fluid leaks (if it's a hydraulic mount).
- **Movement Check:** With the engine off and the vehicle safely supported, gently try to rock the engine by hand. Excessive movement or clunking sounds may indicate a worn mount.
- **Corrosion:** Check metal parts for rust or corrosion, especially around mounting points.

If any significant wear or damage is observed, replacement is recommended to maintain vehicle performance and comfort.

6. TROUBLESHOOTING

Symptoms of a failing motor support can often be mistaken for other issues. If you experience any of the following, consider inspecting your motor support:

- **Excessive Vibrations:** Increased vibration felt in the steering wheel, floor, or seats, especially at idle or specific RPMs.
- **Loud Clunking or Banging Noises:** Sounds coming from the engine bay during acceleration, braking, shifting gears, or going over bumps.
- **Engine Movement:** Visible or excessive engine movement when starting, stopping, or accelerating.
- **Misalignment:** Issues with engine or transmission alignment, potentially leading to premature wear on other components.

If you suspect a faulty motor support, it is advisable to have the vehicle inspected by a professional mechanic to confirm the diagnosis and perform the necessary replacement.

7. SPECIFICATIONS

Detailed specifications for the Hutchinson 586297 Motor Support:

Attribute	Value
Brand	Hutchinson
Model Number	586297
Manufacturer Part Number	586297
OEM Part Number	SAAB%12770367, SAAB%4967964, SAAB%5239140
Item Weight	5.07 pounds (approx. 2.3 kg)
Product Dimensions (L x W x H)	5.91 x 5.91 x 6.3 inches (approx. 15 x 15 x 16 cm)

Attribute	Value
Position	Front Right
Finish Type	Black
Manufacturer	HUTCHINSON SNC
Mounting Type	SAAB 9-5 (09/1997 > 08/2001), 9-5 FL (09/2001 > 2005), 9-5 restyling (11/2005 > 06/11/2010)

8. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the original point of purchase or contact Hutchinson directly through their official website or customer service channels. Warranty terms and conditions may vary based on region and retailer.

The product's return policy from the buybox winner indicates a 30-day refund/replacement period. Please verify this with your specific seller.

ASK A QUESTION ABOUT THIS MANUAL

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

