

Aftermarket 50149

Aftermarket Battery Hold Down Kit 50149 Instruction Manual

INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of the Aftermarket Battery Hold Down Kit 50149. Please read this manual thoroughly before installation to ensure correct usage and safety.

SAFETY INFORMATION

Always prioritize safety when working with automotive components, especially batteries. Failure to follow these safety guidelines may result in injury or damage.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle's ignition is off and the parking brake is engaged before beginning work.
- Avoid contact with battery acid. If contact occurs, flush immediately with water and seek medical attention.
- Do not overtighten components, as this can cause damage.
- Keep children and pets away from the work area.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1x Battery Hold Down Clamp (Black plastic)
- 2x J-Hook Bolts (Threaded metal rods with a hook on one end)
- 2x Wing Nuts (Metal, for securing the clamp)
- 2x Washers (Metal, for use with wing nuts)



Image: All components of the Aftermarket Battery Hold Down Kit 50149. This includes the main black plastic clamp, two long metal J-hook bolts, two small metal wing nuts, and two flat metal washers.

SETUP AND INSTALLATION

Follow these steps to properly install the battery hold down kit:

1. **Prepare the Battery Tray:** Ensure the battery tray or mounting area is clean and free of debris. Position the battery securely in its designated location.
2. **Insert J-Hook Bolts:** Locate the mounting points on your vehicle's battery tray. Insert the hooked end of each J-hook bolt into the designated holes, ensuring the threaded portion extends upwards on either side of the battery.
3. **Position the Clamp:** Place the black plastic battery hold down clamp over the top of the battery, aligning the slots in the clamp with the threaded J-hook bolts. The clamp should rest firmly on the battery's top edges.
4. **Secure with Washers and Wing Nuts:** Place a washer onto each J-hook bolt, followed by a wing nut.
5. **Tighten Evenly:** Hand-tighten the wing nuts evenly, alternating between each side, until the battery is held firmly in place. **Do not overtighten**, as this can cause damage to the battery casing or the hold down kit components. The battery should not be able to shift or move.
6. **Verify Security:** Gently attempt to move the battery by hand to confirm it is securely fastened and does not exhibit any movement.

OPERATING PRINCIPLES

The Aftermarket Battery Hold Down Kit 50149 is designed to secure your vehicle's battery, preventing movement and potential damage from vibrations or impacts during vehicle operation. A properly secured battery ensures consistent electrical connections and prolongs battery life by minimizing physical stress.

MAINTENANCE

Regular inspection of the battery hold down kit is recommended to ensure continued security and performance.

- **Periodic Inspection:** Check the tightness of the wing nuts and the overall stability of the battery hold down system every few months, or after driving on rough terrain.

- **Corrosion Check:** Inspect the J-hook bolts and wing nuts for signs of corrosion. Clean any light corrosion with a wire brush and apply a corrosion inhibitor if necessary. Replace severely corroded components.
- **Clamp Integrity:** Examine the plastic clamp for cracks or damage. Replace the kit if the clamp is compromised.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery is loose after installation.	Wing nuts not tightened sufficiently.	Tighten wing nuts evenly until the battery is secure. Do not overtighten.
J-hook bolts do not reach the clamp.	Incorrect J-hook bolt length for battery/tray combination.	Ensure the kit is compatible with your battery size and tray depth. Replacement J-hook bolts of appropriate length may be required.
Components show excessive wear or corrosion.	Exposure to elements, age, or chemical spills.	Replace the affected components or the entire kit if damage is significant.

SPECIFICATIONS







- **Model:** 50149
- **Brand:** Aftermarket
- **Material:** Plastic clamp, Metal J-hook bolts, wing nuts, and washers
- **Weight:** Approximately 3.2 ounces (0.09 kg)
- **Compatibility:** Universal fit for many automotive battery sizes (verify dimensions against your specific battery and tray)

WARRANTY AND SUPPORT

This Aftermarket Battery Hold Down Kit 50149 comes with a **6 Months Unlimited Warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims or technical support, please contact your retailer or the Aftermarket customer service department. Keep your proof of purchase for warranty validation.

For additional information or assistance, please refer to the [Aftermarket brand page](#).

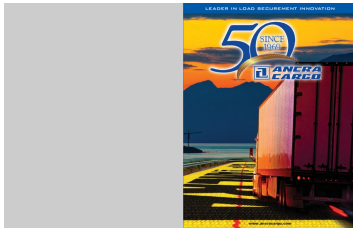
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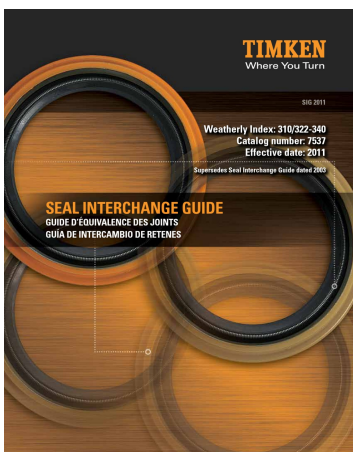
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