

# Instruction Guide

Billet Aluminum Body Mounts  
64-72 A-Body



***Speedtech***  
PERFORMANCE

CHASSIS - SUSPENSION - PRO TOURING - AUTOCROSS - DRAG RACING - CUSTOM BUILDS

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*Figure 1: 1964 Chevelle Wagon features our Extreme Chassis [photo by @boy\_andy]*

Congratulations on the purchase of your new Speedtech Performance aluminum body mounts. Use only approved, appropriately rated jack and jack stands, and take all required safety precautions to complete the job safely and correctly. If you have any uncertainties, seek the assistance of a highly qualified workshop.

Read and understand all instructions thoroughly before you begin. Your main assembly and setup of your new Extreme body mounts can be done in a home garage with hand tools and basic welding equipment.

Speedtech enjoys seeing the progress our customers are making as they work through their builds. Join the group Team Speedtech on Facebook and share your pictures and story.

Speedtech Performance wishes you the best with your project!

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# 1.0 GENERAL INFORMATION

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## 1.1 THIS GUIDE

Thank you for purchasing your new Speedtech Performance aluminum body mounts. Read all instructions thoroughly before beginning, and take all required safety precautions to do the job carefully and correctly. If you have uncertainty, seek the assistance of a highly qualified workshop.

## 1.2 OVERVIEW

These instructions outline the aluminum body mounts to be installed with the Speedtech Performance Extreme or a factory chassis. Photos in the instruction process may vary slightly from your exact operation.

## 1.3 TOOLS

Installation of the Speedtech Performance aluminum body mounts can be done on the floor with simple hand tools.

Additional things to have before you start:

- Wrench
- Jack Stands
- Anti-Seize
- Post Lift (if possible)

# 2.0 CHECK IN PARTS AND HARDWARE

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## 2.1 CHECKING IN THE ORDER

Check in your order as soon as possible. To check the order, Speedtech has provided a table that can be used as a checklist, as displayed in Figure 2. All bolts and nuts are NF unless otherwise noted. Hardware comes in several boxes. If you discover anything missing from your order, call your authorized dealer as soon as possible.

## 2.2 CHECK IN TABLES

X	#	Description	Size
	2	Radiator Support Mounts (Upper and Lower Set)	
	10	All Other Body Mount Positions (Upper and Lower Set)	
	2	Front Radiator Support – Bolt	7/16 x 2 NC
	10	All Other Body Mount Positions – Bolt	7/16 x 3 NC
	2	Nylock Nuts	7/16
	14	Washer - Flat	7/16
	10	Washer - Lock	7/16

Figure 2: Check in table with amounts, descriptions, and sizes

**NOTE:** There may be some extra hardware that was packaged but is not accounted for in the checklist. The hardware kits are made to fit multiple products, and the excess is from that process.

## 3.0 GETTING STARTED / INSTALLATION

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### 3.1 LEVELING AND SUPPORT

**WARNING:** The vehicle should be on a level surface before you start.

Leave the vehicle on the ground and remove all body mount bolts and lower bushing halves. Some bolts may be rusty, so you may need to apply fluid to remove them.

### 3.2 RADIATOR SUPPORT

Place a floor jack with a 2x4 or square tubing under the body's rocker to spread the load, and gently raise the body on one side until there is enough room to remove and replace the bushings on that side.

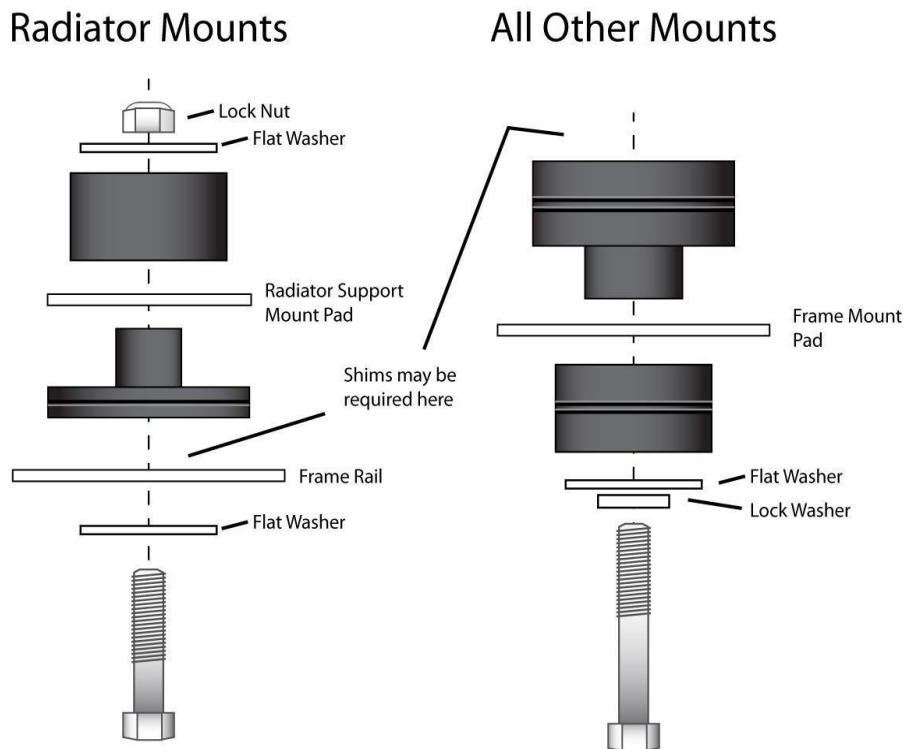
At the radiator support, insert the bushings and one flat washer, one 7/16" x 2" bolt, another flat washer, and a lock nut as shown in Figure 3. Thread the nut until it is finger-tight; do not torque it down yet.

### 3.3 REMAINING LOCATIONS

When there is enough room, remove the old mounts and slip the upper mounts in place.

Coat the threads of your 7/16 X 3" bolts with anti-seize and loosely thread through the lower bushings and into the body with a flat washer and lock washer as shown in Figure 3.

Repeat for the remaining bushing locations on that side. *Figure 3: Radiator mounts and all other mounts*



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### 3.4 REPEAT

Repeat steps on the other side of the car.

## 4.0 FINISHING

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### 4.1 TORQUE

The following needs to be performed before you hit the road.

Be sure that all measurements are correct and double-check that all components have proper clearance throughout your suspension's travel range. Torque all bolts to spec. Tighten all loose suspension bolts and double-check all bolts to ensure they are all tight. It is recommended that you fill all grease fittings now. Speedtech suggests using Permatex Ultra Slick Synthetic Grease, but any high-quality chassis grease will do. For your Sweet power rack-and-pinion, we recommend using Sweet or Jones-brand full synthetic power steering fluid for best performance and to avoid overheating standard-type fluids during performance driving. Rubber mounts tend to compress and distort over time, and all floor pans are slightly different.

Ensure that the hood and fenders line up properly with the body, and that all bushings fully contact the floor before torquing. Use additional shims (not included) as needed to adjust. Cross-measure the frame to ensure it is straight and square to the body. When the frame is squared in, torque all bolts to 140 ft lbs.

**NOTE:** Recheck torque after approximately 100 miles of driving.

## 5.0 CONGRATULATIONS

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Congratulations on completing your project! We know you will get many years of enjoyment from your project. Please join the Team Speedtech group on Facebook. Team Speedtech is a community of customers, dealers, and factory employees who have a passion for pro-touring muscle cars and use Speedtech Performance products. You can ask questions, get advice from the group members, and share your experience. Everyone enjoys seeing the videos and pictures as your project progresses, and Speedtech encourages you to share them!

Thank you for choosing Speedtech Performance and entrusting us with your aluminum body mount needs for your custom muscle car.

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