

# Instruction Guide

Billet Aluminum Body Mounts  
63-67 C2 Corvette



***Speedtech***  
**PERFORMANCE**

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*Figure 1: C2 Corvette features our ExtReme IRS Chassis, and Body Mount Kit*

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

Read and understand all instructions thoroughly before you begin. Your main assembly and set up of your new aluminum body mounts can be done in a home garage with hand tools.

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 your story.

Speedtech Performance sends you best wishes for 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 through all instructions thoroughly before beginning and take all safety precautions required 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 that will be installed with the Speedtech Performance ExtReme chassis only.

### **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)
- Cut Off Wheel

## **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 in the order, Speedtech has provided a table which can be used as a check list, 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 TABLE

X	#	Description	Size
	16	Upper Mounts	
	16	Lower Mounts	
	6	Hex Cap Screw	3/8 x 2 1/2 NC
	8	Hex Cap Screw	3/8 x 3 NC
	2	Hex Cap Screw	3/8 x 4 NC
	16	Washer – Flat	5/8
	28	Washer – Flat	3/8
	6	Washer – Lock	7/16
	10	Nylock Nut	3/8

Figure 2: Check in table that includes the amounts, descriptions, and sizes

**NOTE:** There may be some extra hardware that was packaged that is not accounted for in the check list. 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, you may need to apply penetrating fluid to remove them.

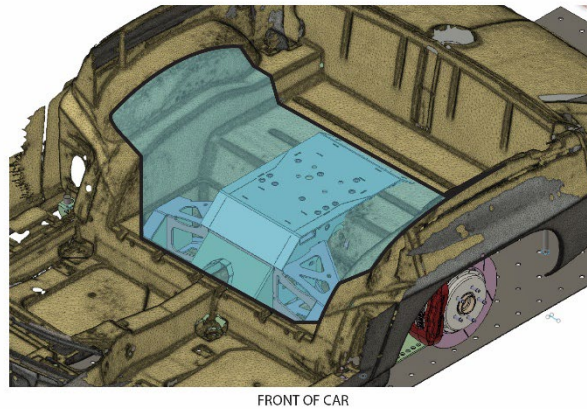
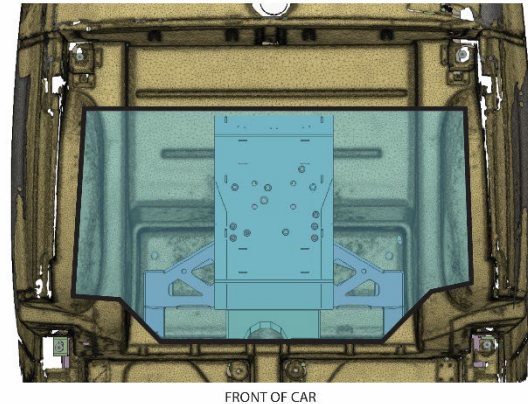
### 3.2 BODY PREPERATION

Before you install the body to the chassis, there will be fiberglass work to modify the rear-inner section of the body. See below figures 3 for where the cuts will be.

**NOTE:** Your exact set up may be different depending on how you choose to finish the inner wheels tubs.

Speedtech used the rear wheel-well kit from [Dynamic Corvettes](#).

**NOTE:** This is just a guide. You will have to do your own enclosure fabrication.



*Figure 3: Two models depicting the fiberglass that needs modifications*

### 3.3 INSTALLATION

Refer to figure 4 for a diagram of the installation.

**NOTE:** Ensure the body is square on the chassis during the mounting process

**NOTE:** Due to years of use and variations on your individual vehicle, you may need additional shims between the upper mount and the body.

**1963 ONLY**

**1964+ Mounts C & D**

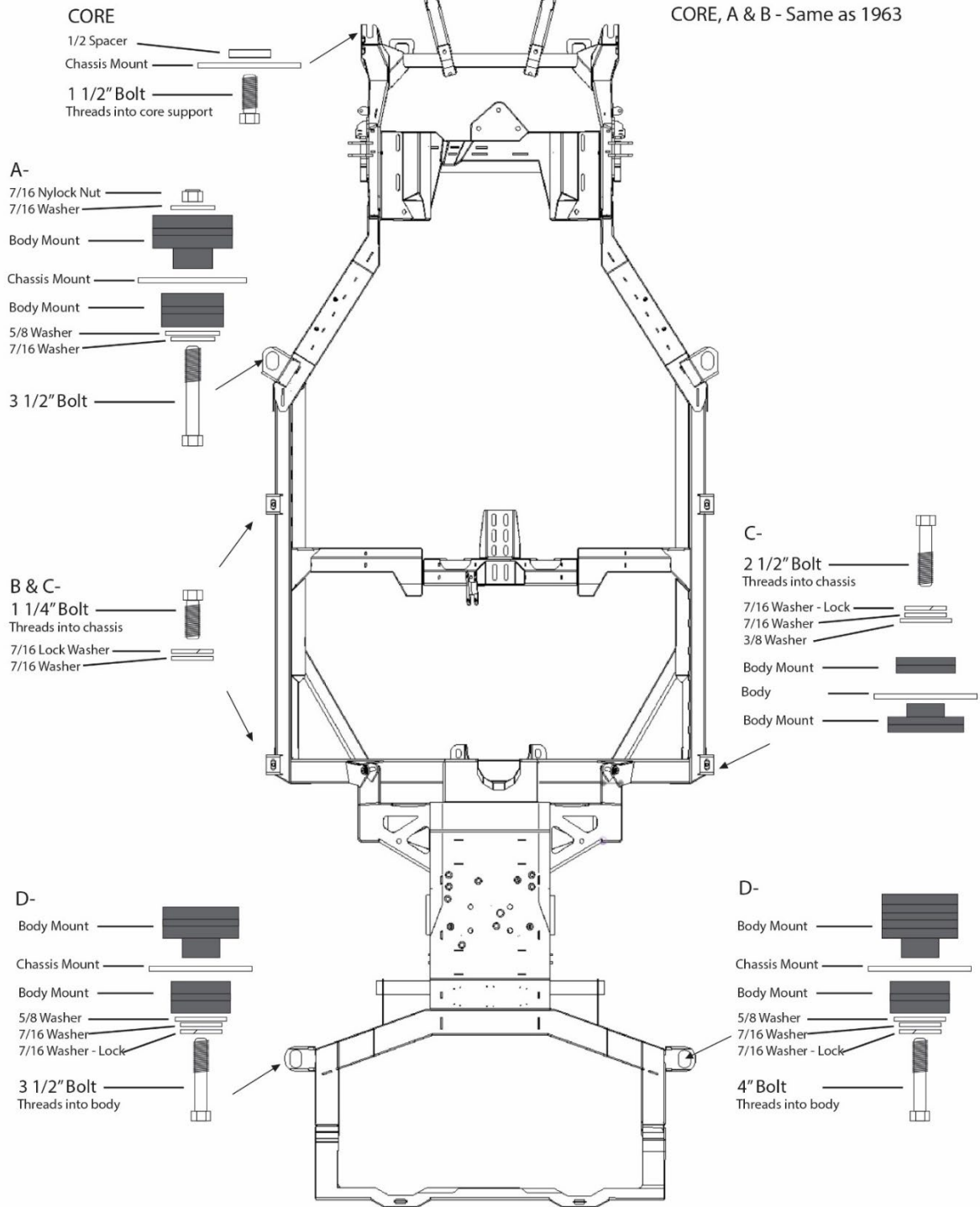


Figure 4: Installation

## 4.0 FINISHING

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### 4.1 TORQUE

Since all floor plans are slightly different and rubber mounts tend to compress and distort over time, 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 in this set) to adjust as necessary.

Finally, cross measure the frame to ensure it is straight and square to the body. When the frame is squared in, torque all bolts to 90 ft lbs.

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

### 4.2 FIBERGLASS

The way you finish your wheel tubs and rear tray will be up to your design. This is an example of an enclosure on a traditional IRS on a convertible.



*Figure 5: Finishing*

## 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 group, [Team Speedtech](#), on Facebook. Team Speedtech is a community of customers, dealers, and factory employers that have a passion for pro touring muscle cars and are using Speedtech Performance products. You can ask questions and get advice from the group members and share your experience. Everyone enjoys seeing the videos and pictures during the progress of your project and Speedtech encourages you to share them!

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

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