

Instructional Guide

LT Engine Mount Adaptors



Speedtech
PERFORMANCE

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

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Figure 1 1968 Camaro, features our Conversion Brackets – Craig Street

Congratulations on the purchase of your new Speedtech Performance LT4 Engine Mount Adaptors. Installing this system will require the removal of your old suspension from the car. Use only approved and appropriately rated jack and jack stands, be sure to take all safety precautions required to do the job safely and correctly. If you are unsure seek the assistance of a highly qualified workshop to assist you.

Read and understand all instructions thoroughly before you begin. For the most part, assembly and set up of your new parts can be done in a home garage with hand tools and basic engine lift equipment. As your final step, review each assembly step again to be sure all fasteners are correctly secured and torqued to specification.

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

From everyone at Speedtech Performance we send you all best wishes for your project!

Installation Guide

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1.0 GENERAL INFORMATION

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1.1 This Guide

The following instructions are intended for professional installers and are guidelines only. Speedtech Performance assumes no responsibility for the installation of any of its products installed by others. All products are intended to be installed by qualified professionals.

NOTE! Some Items pictured may look different then the parts you have in the kit you received. Your application may have a slightly different shape the part is functionally the same and is installed in the same manner described.

1.2 Overview

These instructions outline the LT4 Engine Mount Adaptors. The system has been designed to work with a factory subframe or chassis. Some photos in the install process may vary slightly from your exact application.

1.3 Tools

Installation of the Speedtech Performance Chicane Coilover Brackets can be done on the floor with simple hand tool, cut off wheel and a basic welder.

Additional things to have before you start:

- Allen Head Wrench Set
- Wrench Set
- Torque Wrench

2.0 CHECK IN PARTS AND HARDWARE

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2.1 Checking in the Order

Best practice will be to check in your order as soon as possible after receiving the order. To check in the order we have provided tables, these can be used as check lists for your order. If you discover anything missing form your order, call your authorized dealer as soon as possible.

2.2 Check in Tables

X	#	Description	Size
	2	Billet Block Mount Adaptor Plate	LT
	6	Socket Head Bolt	10mm x 30
	2	Flat Head Bolt	10mm
	6	Flat Washer	10mm
	2	Polyurethane Engine Mount	
	6	Grade 8 Bolt	3/8 x 1
	6	Flat Washer	3/8
	2	Engine Mount-to-Stand Bolt	7/16 x 4 1/2
	2	Nylock Nut	7/16
	2	Flat Washer	7/16

3.0 Getting Started

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3.1 MOUNTING NOTES

Note- Engine mounts are mounted to the plate "Upside down" with one bolt on top and two at the bottom, see below. Adapter Plates are universal and can be mounted on either side.

Billet adapter plates have 2 mounting locations to allow movement of the engine of about 1" Fore / Aft. They can also be rotated on a vertical axis to move the location of the poly mount 1.25", giving you up to 4 options for engine location within the frame. Photos show the two standard mounting configurations.

3.2 SOCKET / FLAT HEAD BOLTS

Attach the adapter plate to the block on all four corners. Note one Flat head bolt is also used to bolt down the engine mount under the poly mount in one location. Apply Blue Loctite to the threads and torque bolts through adapter plate into the block to 37 ft lbs.



3.3 HEX HEAD BOLTS

Attach the motor mount to the adapter plate as shown in the top picture and the inward hole on the bottom of the mount as shown in lower picture Use BLUE Loctite and torque these bolts to 25 lbs. Long 3/8" bolts will go through engine mounts and frame stands. Torque bolts and Nylock nuts to 35 lbs.

4.0 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 like-minded individuals using Speedtech Performance products. The Group's members include customers, our dealers and factory employees - each with a passion for Pro Touring muscle cars. You can ask questions and get advice from the group members as well as share your experience. Within the group we enjoy seeing the videos and pictures during the progress of your projects so post up. We also encourage you to share pictures and videos of your finished projects out on the road, at the show & shine, on track or however you get enjoyment from your ride, we want to see it!

Thank you for choosing Speedtech Performance! We know you have a choice, and we appreciate that you entrust us with your chassis and suspension needs for you custom muscle cars.

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