

Instruction 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 [photo by Craig Street]

Congratulations on the purchase of your new Speedtech Performance LT engine mount adapters. 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 LT engine mount adapters 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 LS engine mount adapters. Read through all instructions thoroughly before beginning and take all safety precautions required to do the job carefully and correctly.

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.

1.2 OVERVIEW

These instructions outline the LT Engine Mount Adaptors. The system has been designed to work with a factory subframe or chassis. Photos in the instruction process may vary slightly from your exact operation. Your application may have a slightly different shape; the part is functionally the same and is installed in the same manner described.

1.3 TOOLS

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

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

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 TABLES

X	#	Description	Size
	2	Billet Block Mount Adaptor Plate	LT
	6	Socket Head Bolt	10mm x 30
	4	Flat Head Bolt	10mm
	6	Flat Washer	10mm
	6	Grade 8 Bolt	3/8 x 3/4
	6	Flat Washer	3/8

Figure 2: Check in tables with the amounts, descriptions, and sizes

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, figure 3. Adapter plates are universal and can be mounted on either side.

Billet adapter plates have two 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 four options for engine location within the frame. Figure 4 shows 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.

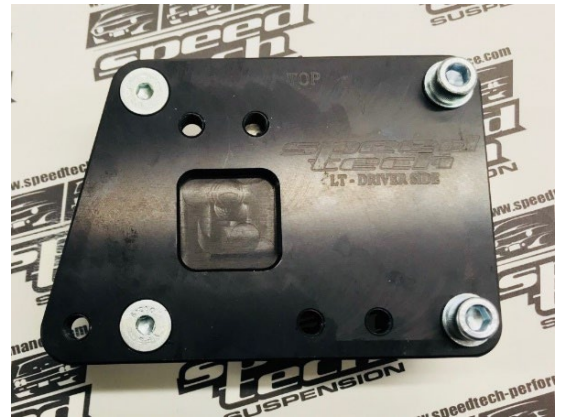


Figure 3: Upside down engine mount

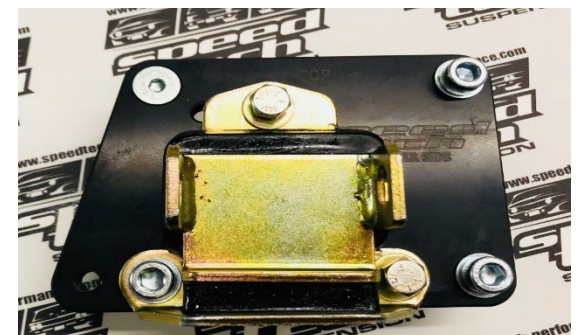


Figure 4: Two standard mounting configurations

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 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 LT engine mount adaptors for your custom muscle car.

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