

Instruction Guide

T-56 Transmission Tunnel Cover
67-81 F-Body



Speedtech
PERFORMANCE

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

435.628.4300 SPEEDTECHPERFORMANCE.COM    

4160 S. RIVER RD, ST. GEORGE, UT 84790



Figure 1: 1972 Nova features our transmission tunnel [photo by Charles Huffhines]

Congratulations on the purchase of your new Speedtech Performance transmission tunnel. 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 transmission tunnel 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 transmission tunnel. 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.

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 Extreme transmission tunnel. Photos in the instruction process may vary slightly from your exact operation. For example, in this guide, we have used only pictures of the Transmission Tunnel from the early Camaro. Your application may have a slightly different shape, but the part is functionally the same and is installed in the same manner described.

1.3 TOOLS

Installation of the Speedtech Performance transmission tunnel can be done on the floor with a basic welder, a cut-off tool, and basic hand tools.

Additional things to have before you start:

- Welder
- Drill
- Grinder
- Floor Stands
- Floor Jack

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
	1	Transmission Tunnel	T-56

Figure 2: Check in table with amount, description, and size

3.0 GETTING STARTED

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3.1 LEVELING AND SUPPORT

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

Jack up and properly support the vehicle's frame. Remove the front wheels. For cars with drop-off-style rotors, reinstall one lug nut if needed to prevent the rotor from falling off.

3.2 DISCONNECT BATTERY

It is best to disconnect the battery, as you will be cutting and welding the car's floor and tunnel.

3.3 CARPET REMOVAL

Although not completely necessary, Speedtech has found it is easiest and safest to remove the carpet from the car to perform this installation.

4.0 CUTTING AND MOCK UP

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4.1 MOCK UP

Find the final location for the engine and transmission fitment within the car's frame.

Find and mark the shifter arm location on the transmission tunnel on the interior of the car.

Considering where the shifter will be located, use your tunnel cover to mock up its placement on the car's interior.

Trace the outside of the tunnel cover and set it aside.

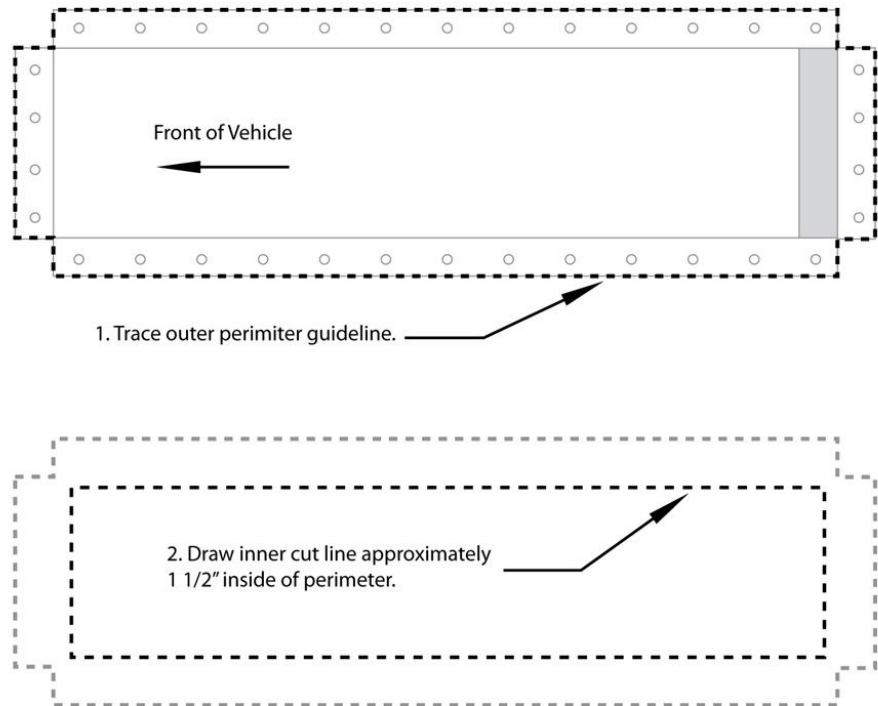


Figure 3: Mock-up

Next, draw another line approximately 1 1/2" to the inside of the first line. These will be your cut lines. Do not cut at the outer perimeter line.

NOTE: More measurements are displayed in Figure 7.

4.2 CUTTING

Once the cut lines are laid out, take the necessary safety precautions and carefully cut out the rectangular portion of the tunnel within your marks. Test fit the transmission in place. Because of model differences and factory tolerances, further trimming may be required. Be sure there is at least a small amount of clearance to allow the drive train to flex without hitting the floor. The result should look something like Figure 4.

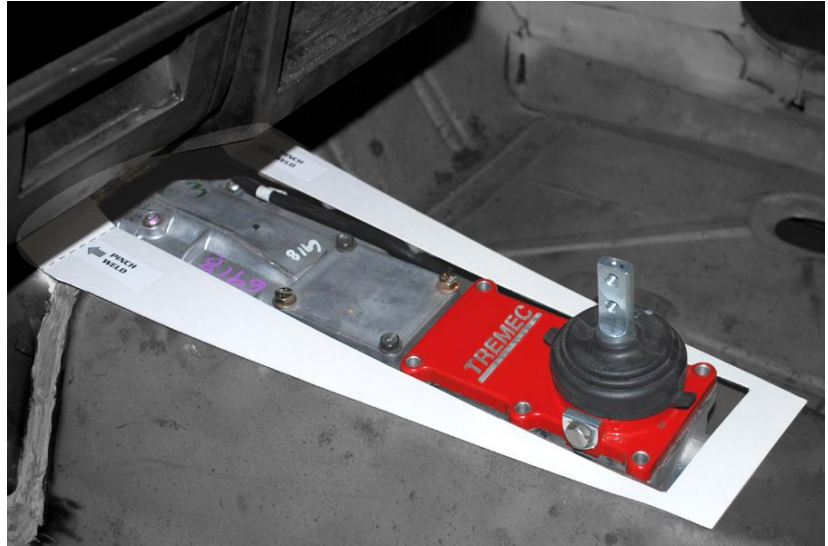


Figure 4: Result of cutting

4.3 SHIFTER HOLE

Next, you will need to mark the tunnel cover for the shifter location relative to the cover's position in the transmission tunnel. Cut a hole approximately 3.5" in diameter for the T-56 boot to fit through. Speedtech recommends splitting and wrapping the vacuum tubing around the hole's diameter to prevent gouging the shifter boot.

Next, lay the tunnel cover over the transmission. With a plastic mallet, tap the flanges down so they mate with the angle of the floor pan. Reposition the shifter boot as necessary to seal off the round hole.

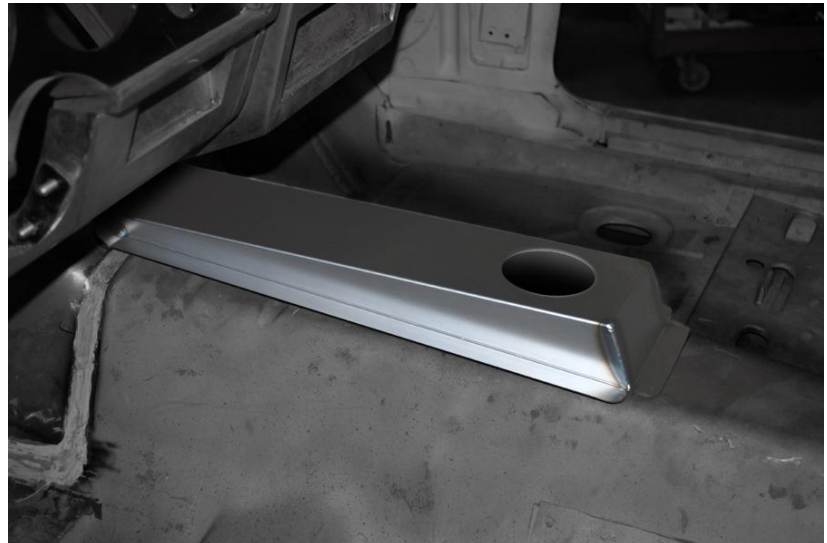


Figure 5: Shifter hole

5.0 INSTALLATION

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As the area of the floor pan covered by the tunnel cover and the inside of the tunnel cover may be exposed to outside elements, Speedtech recommends protecting these areas with a high-quality paint or other surface protector.

Next, attach the tunnel cover securely to the floor. Speedtech recommends using a high-quality seam sealer in areas where the tunnel cover contacts the floor pan, and in any area where gaps may occur due to the floor pan's shape.



Figure 6: Installation

6.0 FINAL ASSEMBLY

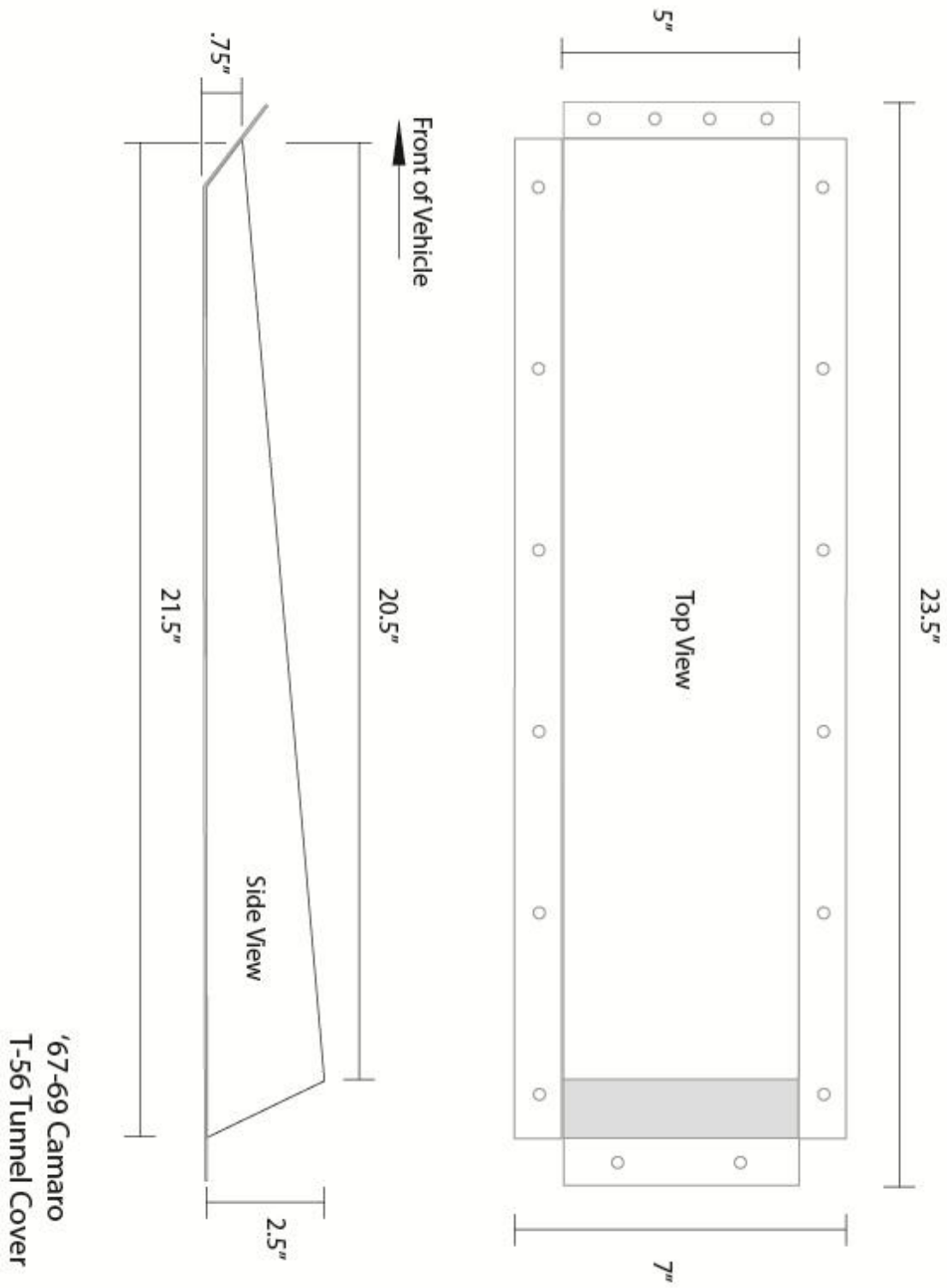


Figure 7: Diagram of the finished assembly

7.0 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 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 tunnel cover for your custom muscle car.

Speedtech Performance, LLC
4160 S. River Rd.
St George, UT, 84770
(435) 628-4300