

Speedtech **PERFORMANCE**

April 27, 2020

ATS T56 Transmission Crossmember

'70-74 Camaro - ATS 80015

'75-81 Camaro - ATS 80017

Installation Instructions



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. All products must be installed by qualified professionals only.

Thank you for purchasing your new ATS transmission crossmember. Installing this product will require the removal of some frame components and will require working on the bottom of your car. Take all necessary precautions whenever jacking up your vehicle and use safe and sturdy jack stands to support the vehicle whenever it is off the ground. Be sure to take all other safety precautions required to do the job correctly.



Crossmember Kit Checklist

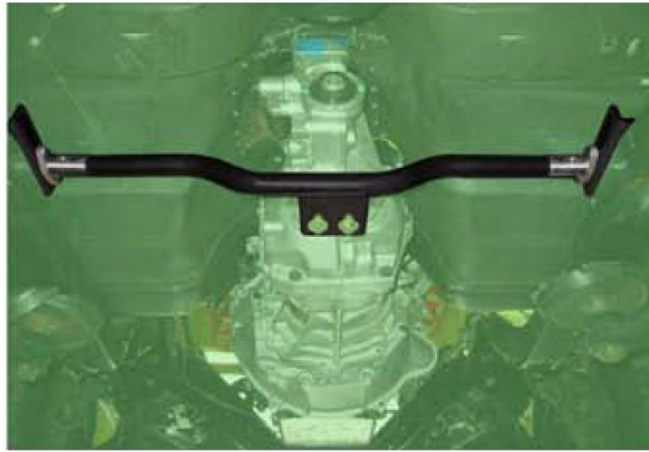
- 1- Left Side Frame Bracket (1)
- 2- Right Side Frame Bracket
- 3- Crossmember Assembly (1)
- 4- Stainless Receiver Doubler Plate (2)
- 5- Stainless Adjuster Receiver (2)
- 6- 5/16-24 x 3/4" Cap Screw (4)
- 7- 5/16-24 x 1" Cap Screw (4)

Before you begin- These first set of instructions are for '70-74 Camaros. There are additional instructions for '75 and up Camaros starting on page 5.

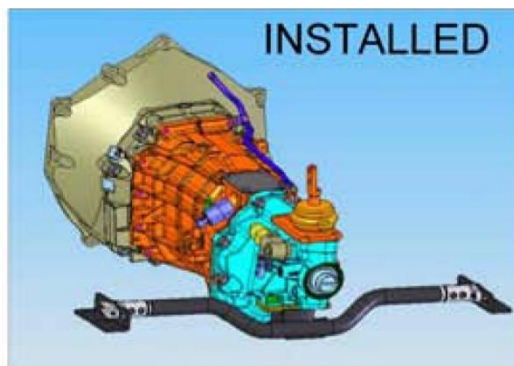
1. Assemble the Stainless adjusters to the frame plates. Use Antiseize on all bolts.



2. With the old transmission crossmember removed and your T56 held in place with a tranny jack, install the right and left side frame mount plates on top side of the frame rail. These frame mounts go on specific sides and are marked accordingly. If it is too tight to fit the brackets in place you may need new body mounts. **Only hand tighten them at this time.**
3. With Antiseize on the bolts, install crossbar to the side plates and slide the bar forward or back until it lines up with the transmission mount (Speedtech part # 220531 or Energy Suspension # 3-1108G).



4. Once everything is lined up, tighten all crossmember mount bolts. Lower the transmission onto the pad and install and tighten the transmission mount bolts.



Note: In the future, to lower the transmission you can simply remove the cross bar from the side mount plates.

For 75-81 Camaros, proceed to page 5.

The following is in addition to the above supplied instructions, you will need to reposition the cross member side plates to install the T56 crossmember in 75-81 Camaros.

Tools you will need-



- Drill
- Clamp
- 1" hole saw
- 1/4 drill bit
- 3/8 drill bit
- Drill Jig
- Tape

1. Begin by using tape on the inside of the sub frame to mark where the drill jig will be clamped. Mark the tape at 7 ¼ inches from the rear of the sub frame.



2. Line up the drill jig to the mark and clamp as shown.



View from the top of the driver side of the sub frame.



3. Using the $\frac{1}{4}$ drill bit, drill up through the jig all the way through the frame rail.



This is what you should end up with.



4. Now drill the **BOTTOM SIDE ONLY** with the 1" hole saw.



This is what you should end up with.



5. Using the 3/8" bit drill up through the 1" hole to enlarge the top holes. Repeat procedure for the other side.



This is how the bracket mounts once you have finished.



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