

Rod Tops

by

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**Factory Five 33 Hot Rod Convertible Top
System Installation and Operation Manual**

Contents

- Introduction Section 1
- Component List Section 2
- Pre-installation Checks Section 3
- Installation Procedures Section 4
- Top System Operation Section 5
- Top Maintenance Section 6
- Warrantee Section 7

Introduction

Thank you for purchasing a Rod Tops system. Rod Tops offers the enthusiast a convertible top system that was engineered using experienced automotive design knowledge. Our engineering approach is to provide a high quality assembly, drawing on a wide range of proven design solutions that result in a cost effective solution for low volume body applications. While it is very important that a top be functional, it must also be aesthetically pleasing. All of the Rod Tops built by DTS Enterprises Inc are designed to enhance the look of the vehicle while providing protection from the elements.

Our goal is to provide you with a top that adds to the usefulness and enjoyment of your vehicle for many years.

Sincerely,
Dave Draper,
President

Component List

1. Top Stack (left half/right half)
2. 2, 3 & 4 Bow Tubular Center Sections (3)
3. 3 Piece Aluminum Belt Line Bows
4. Rear Adjustable Tensioning Links
5. Latch receivers & body mounts
6. Top Canvas With Storage Bag
7. Adjusting and Installation Allen Wrench
9. (Optional) Zip In & Out Side Curtains

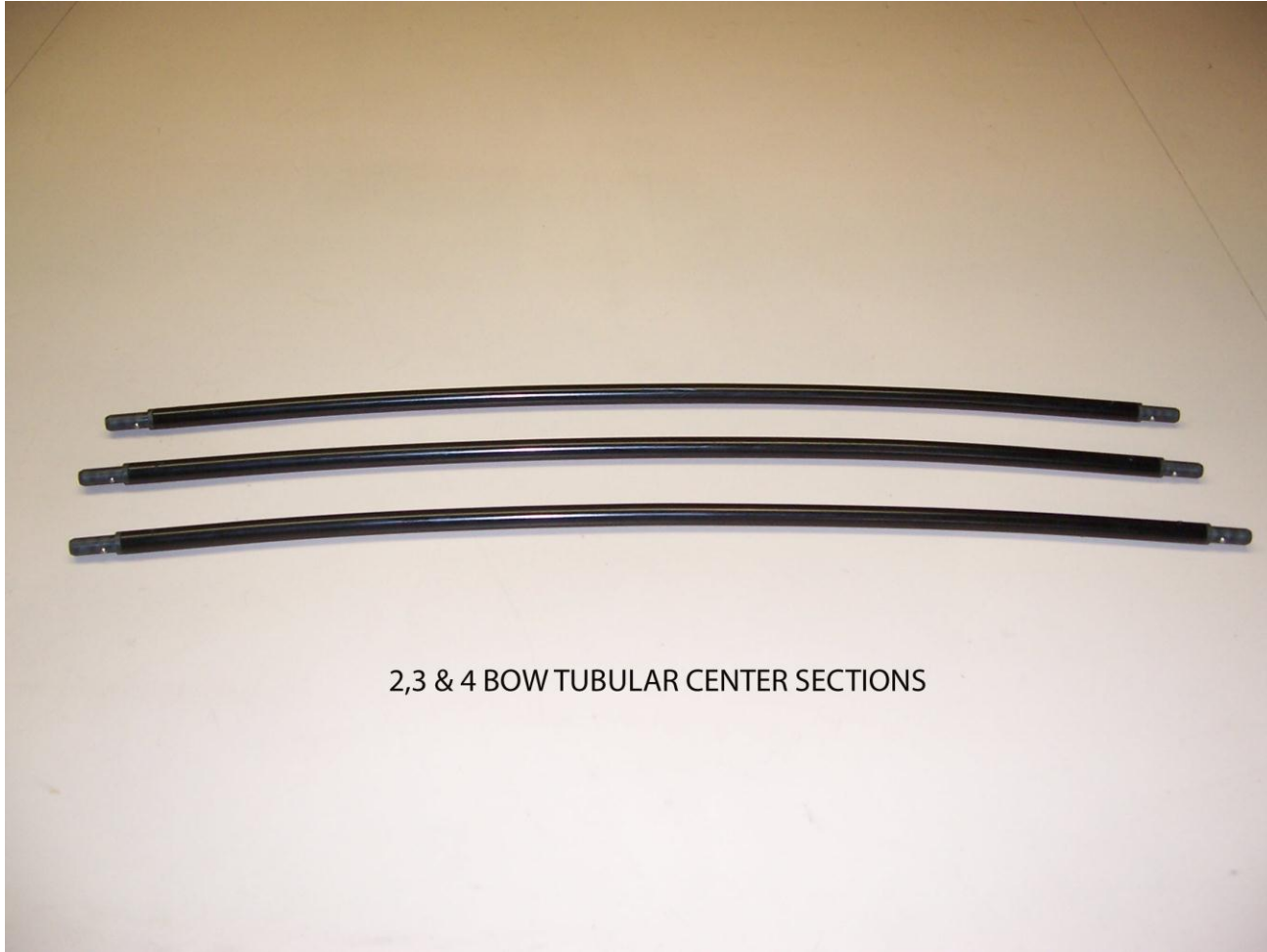
Tools Needed

- 1/8" drill bit (pilot hole for body mount)
- 1/2" drill bit for body mount
- #36 drill bit for 6/32 tap
- 6/32 tap
- Tape measure
- Masking tape

Component Reference



Component Reference



2,3 & 4 BOW TUBULAR CENTER SECTIONS

Component Reference



Component Reference



REAR TENSIONING LINKS

Component Reference



FLUSH BODY MOUNT KIT

WINDSHIELD LATCH RECEIVERS

Component Reference



CANVAS TOP WITH STORAGE BAG

Component Reference



OPTIONAL ZIP IN ZIP OUT SIDE CURTAINS WITH STORAGE BAG

Pre-Installation Checks

To insure proper alignment between the top system and the body of the car, the provided template, or measurements must be used to locate your windshield. If the windshield is already mounted, these measurements will need to be established. The distance between the top of the windshield and the “B” pillar or the lock pillar at the leading edge of the quarter panel (see image on next page). If the distance from the top edge of the windshield (D) is NOT the same on both sides of the car, adjustments to the windshield will have to be made, if possible.

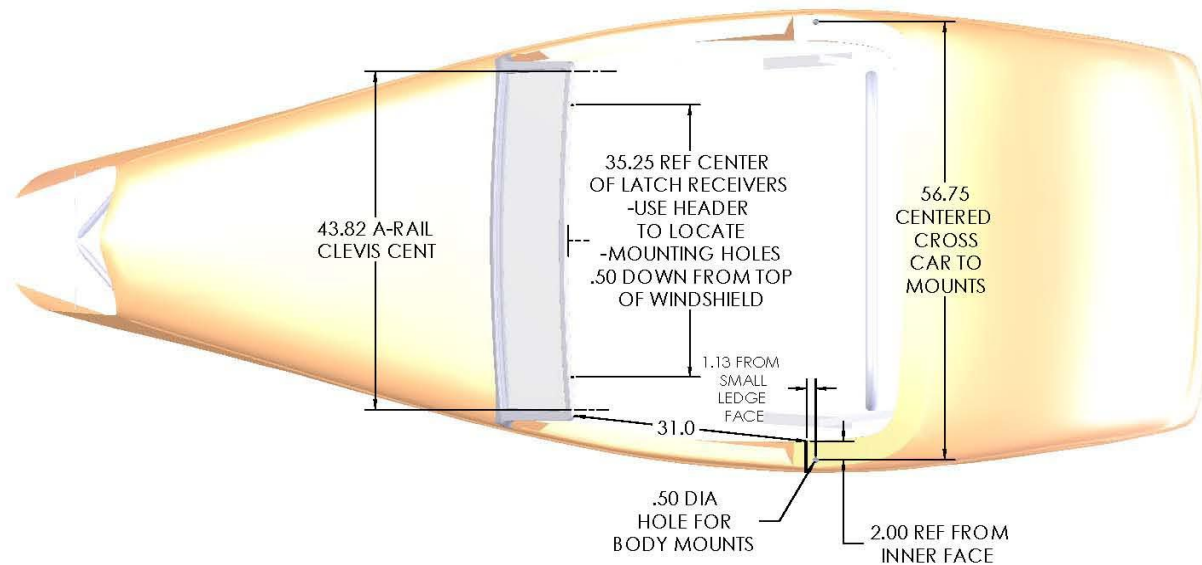
The top is designed to allow for minor adjustments at the header clevis. This adjustment should be used to correct for minor differences in distance that cannot be completed at the windshield. This adjustment will be covered in the installation portion of the manual..

It is NOT recommended that the top installation be completed with the body off of the chassis. The measurements required to locate the top properly may change greatly with the body off the chassis.

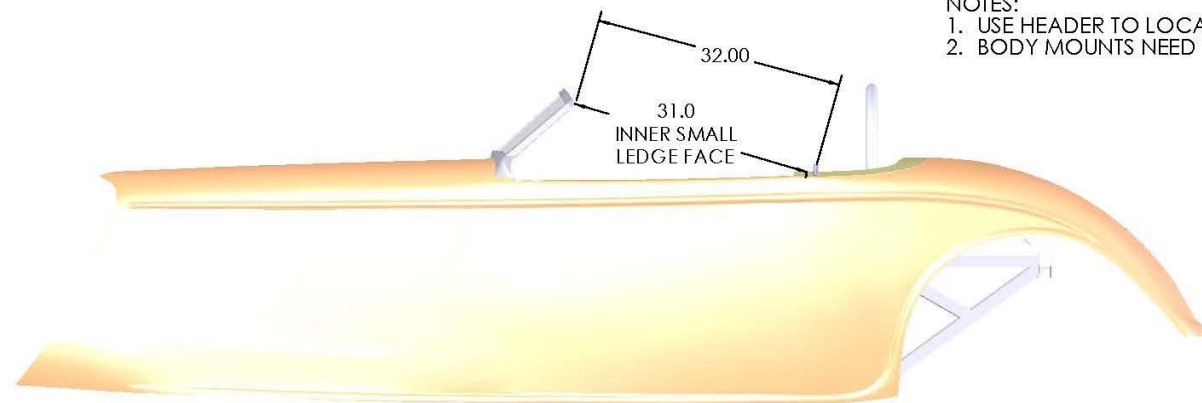
Pre-Installation Checks

Use the picture as a reference for measuring the distance from the outer corner of the windshield to the “B” pillar. This distance should be 31” on both sides of the car as a starting point.





- NOTES:
1. USE HEADER TO LOCATE WINDSHIELD RECEIVERS
 2. BODY MOUNTS NEED TO BE VERTICAL (LEFT TO RIGHT)



Factory Five
 '33 HOT ROD CONVERTIBLE TOP
 INSTALLATION INSTRUCTIONS
 10/21/10 *Rod Tops*

Installation Procedures

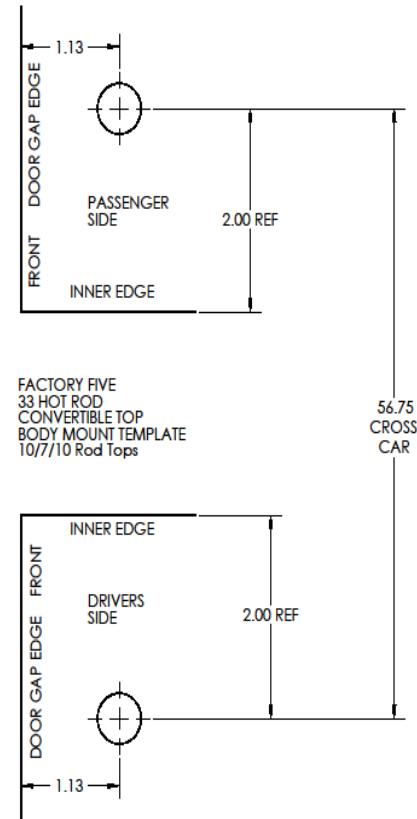
- ❑ Installing the Flush Mounting Kit
- ❑ For installations on finished vehicles, it is recommended that the mounting area be protected with tape.
- ❑ Cut out and use the supplied templates; one for the drivers side and one for the passenger side.

Installation Procedures

Align the templates with the top forward edge of the door jamb and the inside curve of the body, on both sides. Verify the cross car dimension.

Mark the center of the hole and drill a 1/2" hole.

Do not use these they are not to scale.



Installation Procedures

- ❑ Screw the clevis fully into the body mount and insert the mount into the hole that was just drilled into the body. Rotate the assembly so the slot in the clevis is pointing forward and place an orientation mark on the clevis and body.
- ❑ The area surrounding the body grommet may be reinforced on the backside using a bed of plastic filler. The wedges supplied are cut at angles to enable the mount to be square both front to back and also side to side.

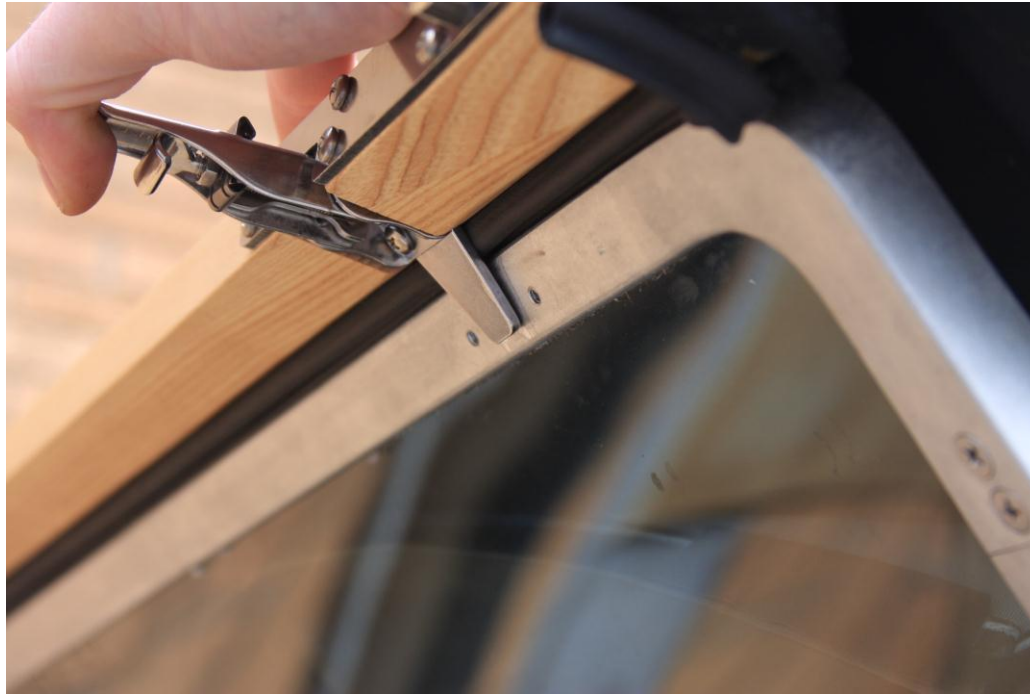


Installation Procedure

- ❑ Using a marker, make two realignment marks at the intersection of the body mount and the vehicle. Each clevis is now side specific and should be identified by the black or white washer at the bottom.
- ❑ Permanently attach the body mounts using the mounting wedges and washers. Use lubricant on the threads to ease installation of the nut. Pay special attention to the alignment marks. Install the body clevis checking for proper orientation between the vehicle and the clevis slot. Adjust as needed.

Installation Procedures

- ❑ Find center of the windshield and make a small mark. Next find center of the wooden header and make a mark. Place header on windshield, this will be used to place latch receivers.



Installation Procedures

- ❑ This is best done with the windshield off the car. Using the latch receiver backer, mark holes, drill and tap for 6/32 both sides. Be sure to center catch on frame.



Installation Procedures



Installation Procedures

- ❑ Place the wooden header on the windshield and adjust latches to crush seal about $\frac{1}{4}$ ".



Installation Procedures

- ❑ Take the outer belt bows and attach them to the mounts.



Installation Procedures

- ❑ Install the center belt bow to the outers.



Installation Procedures

- ❑ Install the rear adjustable links to the ball sockets on the belt bow and lay on the body.



Installation Procedures

- ❑ Install one of the top stack halves by first pinning it to the body mount and then to the male receiver on the header. Be sure to install pins from the inboard side. Repeat for opposite side.



Installation Procedures



Installation Procedures



Installation Procedures

There are two quarter turn spring plungers that lock the side rails on the top stack halves.

These need to be locked. By a turn and pull motion they are allowed into the mating holes on the rails. Leaving them loose while erecting the top helps mate the rails to the header.



Installation Procedures

Consider the wooden header bow number 1 and the next bow the “2 bow” and the next the “3 bow” ect.

Install the 2,3 & 4 bow tubular sections. These are color coded as they are not all equal length. Note: the spring loaded locking detent at each end of the center section.

You need to start at the “2 bow” then the “3 bow” and the “4 bow” last, otherwise the top will not spread enough to assemble easily.



Installation Procedures



Installation Procedures

Now install the adjustable links into the pocket on the back side of the 4 bows and lightly tighten.



Installation Procedures

Next pull the canvas over the top.



Installation Procedures

Hook the canvas over the wire loop on both sides located by the body mount.



Installation Procedures

Start with the center snaps and work outward snapping the canvas to the belt bow.



Installation Procedures



Installation Procedures

On the inside of the top there are two listings with velcro these need to be wrapped around the 2 and 3 bows.

There is also a flap with a zipper, this must go around the “4 bow” and back to the zipper. This keeps tension on the canvas when the rear window is zipped down.



Installation Procedures

Adjusting and sealing the top is quite simple. Turn the rear adjustable links until the rear belt bow seats snugly against the body. If you find it needs more length the clevis that is attached to the header is able to extend rearward. Although it is optimal to leave it in a neutral position. This adjustment is better suited to make up for windshield misalignment. Loosen both allen screws and adjust forward or back as needed.



Installation Procedures

- The rear window is designed to zip down when added ventilation is desired.



Top System Operation

- The installation of the top is now complete.
- The top can be removed by reversing the installation process and storing the top in the trunk.
- Enjoy and remember “Rod Tops Has You Covered”

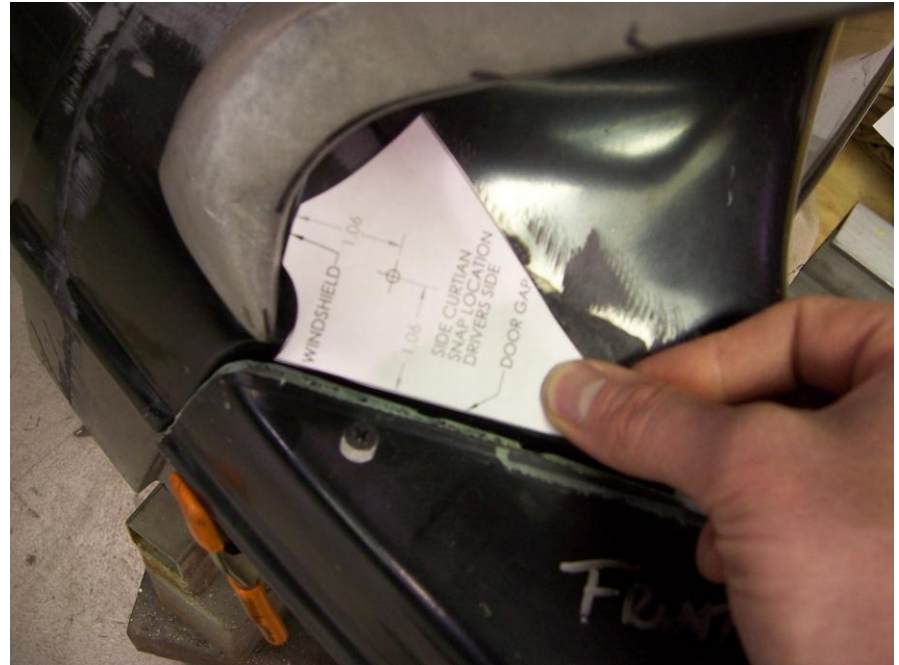
Side Curtains

- There is a snap template for adding the snaps to the windshield on both sides. It requires drilling and tapping 10/32 threads. Using a # 21 drill.



Side Curtains

- One more snap is required on the outboard portion of the dash, install using the supplied template. This is a directional snap, it can only be taken of in one direction. Pick up in front and pull backwards.



Side Curtains

- Zip the side curtain in and attach all snaps. The rear Velcro strap goes around the body mount and back to itself.



Side Curtains

- The finished product is a nice tight fitting and functional window. Enjoy and remember “Rod Tops Has You Covered”



Top Maintenance

- ❑ The Rod Top system is designed to require little maintenance. All pivots used in the assemble of the top are stainless steel with self lubricating nylon bushings and should only need maintenance if damaged.
- ❑ If for any reason, parts should ever need to be replaced or repaired, contact DTS Enterprises Inc at 1-(888)-Rod-Tops for replacement parts.
- ❑ The canvas on the top should be washed periodically to maintain its appearance. Do not use harsh cleaning agents or stiff bristle brushes. Use a mild detergent and water when cleaning the top, Ragg Top Cleaner is a good brand. The top may be blown dry with a air nozzle or use a wet dry vacuum. Allow top to fully dry prior to storing in supplied storage bag.
- ❑ Special attention should be paid to the welting sewn to the top in the area of the beltline bow. This is the portion of the top that contacts the body and should be kept free of dirt and abrasive contamination.

Warranty

- ❑ Your Rod Top system is guaranteed to be free of manufacturers defects. Any failures related to the manufacturing of the top up to one year from the date of sale will be repaired. To complete a warranty claim contact DTS Enterprises Inc. at 1-(888)-Rod-Tops and they will repair or replace any of the defective parts.
- ❑ If any portion of the top system must be sent in for repair, the costs related to shipping are not covered under warranty. This is a parts and labor only warranty.