



DEDICATED TO PRESERVE, RESTORE AND ENJOY THE TRIUMPH TR6 & 250 AUTOMOBILE

Search

FORUMS ARTICLES BLOGS JOIN/RENEW EVENTS BUYERS GUIDE REGALIA

The 6-Pack Forums Car Repair & Restoration Help Body, Trim & Accessories

Hardtop Construction A to Z

SUBSCRIBE

POSTS LATEST ACTIVITY PHOTOS

Post Reply

Search

Page 1 of 2

Filter



Wolf76STL
Mitty Graduate

MEMBER

Join Date: May 2011
Posts: 6323

Share

Tweet

Hardtop Construction A to Z

#1

03-29-2013, 02:47 AM

It seems that more people are working on hardtops so I thought I'd share some pictures of my recent project. It was a very enjoyable project but one that could not be rushed. It took several weekends to complete.

Warning....this is a long post!

After the paint & clear coat.



I used rattletrap for the sound and heat insulation. A roller worked well to smooth and adhere strips



This is the headliner material I ordered from JF Skinner (UK). They provide enough to cover all the rear shelf areas.



The three metal bows are different sizes with specific locations.





I cleaned the bows with a red Scotchbrite pad then clear coated them to insure no future bleed through.



I taped the ends to help thread them through the headliner sleeves



You'll need to trim the ends of the sleeves to make sure the headliner doesn't bunch up.



I found it easier to insert the bows upside down and rotate them into position.



These are common flux applicators I picked up at Lowes. Helpful in applying adhesive.



This is the adhesive I used for the headliner. Locktite 200



Front of headliner glued and clipped. The order of application I used was front, back, then each side, then the side pillars.





Cut out at rear vent



I taped the material back so I could use one of the applicators to apply adhesive to the inside of the cut out. I bent the end of one of the applicators to get into the tight space.



Rear vent grille. It helps to bend these slightly to get a good flush fit.





I cut a pattern of the rear shelves to transfer to the ?art board? material that I found at the local Michaels hobby & craft shop





One rear section glued down and clipped





I applied a very thin bead of silicone (which soaked into the cloth) to guard against any bleed through of water





Now I start with the weather stripping. Mark the center of the rear section and align with the center of the hardtop



Use a plastic or smooth tool to push the bead into the channel groove under the back shelf



This is a side view of the proper orientation of the rear weather stripping



Window weather strip



The window strip comes in a ?L? shape and should be installed as one piece. Do not cut the corner hoping to make a mitered corner



The front main seal has holes in it to match the holes in the top





Rear hold off rubber bumper



Side pillar bracket. Install loose and tighten up after the top is on the car.



Now it's time for the trim pieces. Be careful with these, I believe the rear pieces are just pot metal.



The side moulding is cut ata bevel, so there is a right and a left



As installed



I had to enlarge the rear hole that the tab fits in so I placed a blob of silicone to seal the paint



Now it's time to install the glass. I used the "rope trick" on all three pieces to wrap the rubber around the lip of the opening



A little bead of sealant in the base of the channel should make it very water tight



Ready to install. The harbor freight suction cups were a life saver.





Rear window ready to go in. Believe it or not, I installed the rear window by myself. I recommend getting a helper though, if this cracks, it would be a bad day. No longer made!





Finished top. Notice I left the pillar molding long so I could trim it after the top is on the car.





Side hardware with Patton machine plate.







The last step is to check glass fit and if required, open up the doors and align-adjust and align again.

I can count on one hand the number of accessories that will truly tranform the TR6 and this one is certainly at the top.

Cheers,

Wolf

- 76 TR6 CF58170UO (The Lady)
- 72 TR6 CC80068UO (The Slut)
- 68 TR250 CD4893L (retirement project)

Tags: None

Quote Flag Like 0



03-29-2013, 03:15 AM

#2

Looks excellent.....nice Heritage too

RossL
Karter

Join Date: Mar 2009
Posts: 3318

Share

Tweet

Quote Comment Flag Like 0



03-29-2013, 03:27 AM

#3

Very nice installation, write-up and the results look fantastic.

ACEkraut
Mechanic

Join Date: Dec 2006
Posts: 341

Share

Tweet

Quote Comment Flag Like



03-29-2013, 03:30 AM

#4

Wolf,

Wow, what a great photo sequence! This is a project that I'm just starting. Your instructions will be very helpful. They cover many of the details, e.g., the rear shelf, that I haven't seen treated in other instructions.

Edgar
SCCA Runoffs

Join Date: Dec 2006
Posts: 949

Share

Tweet

Quote Comment Flag Like



03-29-2013, 03:37 AM

#5

Sweet!

I just love the color of your car. 😊

tr6harris
Mitty Graduate

MEMBER

Join Date: Dec 2006
Posts: 7370

Share

Tweet

'74 TR6 CF13007U aka "Mr. T"
Custom Blue (Delft-Like) and New Tan (Formerly Mallard and New Tan)
Points, Ballast Bypassed, Bosch Blue Coil, Moss Cobalt Wires, Champion RN12YC plugs.
Peaks and tweaks, but the spirit of Original
Redlines always.
My wife is the Driver, I'm just the Mechanic....

Quote Comment Flag Like 0

**oppositelocksmith**

Karter

MEMBERJoin Date: Dec 2006
Posts: 3911

Share

Tweet

03-29-2013, 03:38 AM

#6

Wonderful Kevin!.... I just drooled on my laptop 😊

Two ?'s

- what supplier did you use for the seals? (Or did they come with your factory 'kit'?)
- did you install the windows from the outside?

1973 TR6 – BRG with beige interior, custom LED lighting
 Hardtop, OD, Rollbar, 15"Koenigs
 Bored, balanced and polished motor with PI cam, hi-comp head, triple DCOE's
 Header, custom exhaust, custom alternator, e-fan
 Lowered, poly suspension, Konis and rear anti roll-bar
www.coventrysfinest.blogspot.com

Quote Comment Flag Like 0

**poolboy**

More than Legendary

Join Date: Dec 2006
Posts: 26158

Share

Tweet

03-29-2013, 03:38 AM

#7

I've no plans for a H/T, Kevin, but I really enjoyed seeing how it's done. B)

Driving a 1973 TR6
 Doing ZS carb repairs
 email [kencorsaw"at"aol.com](mailto:kencorsaw@aol.com)

Quote Comment Flag Like 0



03-29-2013, 03:45 AM

#8

Looks great and very informative write-up!

Brian

TR6dreamer

Join Date: Feb 2012
Posts: 463

Share

Tweet

Quote Comment Flag Like



03-29-2013, 03:53 AM

#9

Ditto Ken but Kevin you did a wonderful job both on the HT and documenting the process. That paint looks great too.

IfmTR4

TRials Legend

Join Date: Dec 2006
Posts: 14293

Share

Tweet

72 Pimento w/overdrive

Quote Comment Flag Like



03-29-2013, 03:57 AM

#10

Two ?'s

- what supplier did you use for the seals? (Or did they come with your factory 'kit'?)
- did you install the windows from the outside?

Wolf76STL

Mitty Graduate

MEMBER

Join Date: May 2011
Posts: 6323

Share

Tweet

Jeremy,

I used all the original seals with one exception. The rear glass seal had a slight opening in one corner (probably from being wrapped up for 37 years) so I didn't want to risk using it. I ordered a new one from TRF, and yes, all windows were installed from the outside.

Cheers,

Wolf

- 76 TR6 CF58170UO (The Lady)
- 72 TR6 CC80068UO (The Slut)
- 68 TR250 CD4893L (retirement project)

Quote Comment Flag Like

03-29-2013, 04:35 AM

#11



Chandlerazman

Mitty Graduate

Join Date: Dec 2010
Posts: 7454

Share

Tweet

Kevin, all I can say is Wow! Very nice writeup and patience as well. You had made mention that I have a plethora of patience, but you my friend are just as equal 😊

When I look at your car with the top on, All I see is my car's twin. It really looks awesome, To me, there is nothing else like a TR6 with a HT on the road that exudes sporty classic lines. Very nice!

You will enjoy the car in a different light 😊

Quote Comment Flag Like 0



RatRidgeRoadster

Karter

Join Date: Dec 2006
Posts: 4002

Share

Tweet

03-29-2013, 06:28 AM

#12

Almost didn't look because I too will never have a hardtop. Glad I did because I appreciate that level of workmanship.

Anyway, just wanted to let you know you can get a pack of 36 acid brushes at Harbor Freight for \$2.99 or probably around a buck when on sale.

R³

Jim Herter, Copperas Cove, TX
Original Owner 🌀 1970 TR6 CC 50990 LO

Quote Comment Flag Like 0



HawaiiGuy
TRials Legend

Join Date: Dec 2006
Posts: 10226

Share

Tweet

03-29-2013, 07:20 AM

#13

Outstanding... work and posting of pictures and explanation in detail..

Quote Comment Flag Like 0



03-29-2013, 02:12 PM

#14

sculhane

Join Date: Sep 2012
Posts: 183

Share

Tweet

Kudos! This will be one of those classic posts that will be viewed for years to come. Thanks for your diligence in taking pictures and posting for the rest of us. I have my headliner in place with clips and start glueing tomorrow.

A few minor options I might add to your post. I took the tips out of the bows prior to inserting them in the headliner sleeve and think it eases the installation and lessens the chance of ripping the sleeves. I made a two inch cut in the material where the rear meets the c post to enable the tightening of the headliner at the back and the c post. With the back weather stripping, I sprayed some silicone lubricant in the groove and slid the weather stripping in from one side to the other (took me 5-10 minutes).

Thanks so much for the great pictures and instructions. This will be a great help in finishing this project.

Quote Comment Flag Like 0



03-29-2013, 02:31 PM

#15

L.O. Guvna
Karter

Join Date: Dec 2006
Posts: 2692

Share

Tweet

Congrats Kevin - outstanding job. I love the matching material, and this helps others consider this option.

This has been a special journey - how you found this top, and where you are now with it.

Cheers

Quote Comment Flag Like 0



03-29-2013, 05:15 PM

#16

wazowski
Mechanic

Join Date: Jun 2012
Posts: 201

Share

Tweet

The finished hardtop looks great! Thank you for posting...I have one of these to prep in my future.

Quote Comment Flag Like 0

03-29-2013, 05:25 PM

#17



Nice job all around Kevin. It looks great on the "Lady", but at Christmas, Let the "Slut" wear it for a while.
Really beautiful job.

damsonTR6

Karter

MEMBER

Join Date: Apr 2012
Posts: 4104

Share

Tweet

Quote Comment Flag Like



03-29-2013, 08:35 PM

#18

Wolf,

Fantastic job and beautiful TR6!!! :woohoo: Thank you for taking the time to document the procedure.

John

jcronin4461

Driver

Join Date: Jun 2012
Posts: 155

Share

Tweet

Quote Comment Flag Like



03-29-2013, 11:28 PM

#19

Wolf,

I have a question for you on the spray glue. How exactly did you do that for the small area to be glued without getting it all over? I'm guessing it is only about 1/2" wide that you need along the edge. Spray out a bit on a surface to get some glue to work with and brush it on?

sculhane

Join Date: Sep 2012
Posts: 183

Share

Tweet

Quote Comment Flag Like

03-30-2013, 12:57 AM

#20

Wolf,

**Wolf76STL**

Mitty Graduate

MEMBERJoin Date: May 2011
Posts: 6323

Share

Tweet

I have a question for you on the spray glue. How exactly did you do that for the small area to be glued without getting it all over? I'm guessing it is only about 1/2" wide that you need along the edge. Spray out a bit on a surface to get some glue to work with and brush it on?

Steve,

I sprayed the adhesive into this cup and applied it with the brushes. I thought spraying would get it all over (including my lungs)

Cheers,

Wolf

76 TR6 CF58170UO (The Lady)
72 TR6 CC80068UO (The Slut)
68 TR250 CD4893L (retirement project)

Quote

Comment

Flag

Like

0

**Wolf76STL**

Mitty Graduate

MEMBERJoin Date: May 2011
Posts: 6323

Share

Tweet

03-30-2013, 01:02 AM

#21

Wolf,

I have a question for you on the spray glue. How exactly did you do that for the small area to be glued without getting it all over? I'm guessing it is only about 1/2" wide that you need along the edge. Spray out a bit on a surface to get some glue to work with and brush it on?

Steve,

I sprayed the adhesive into this cup, then used the brush. The bent brush was used at the rear vents to put adhesive on the inside of the hole. I decided that masking & spraying was too much trouble (I didn't want to breath it either)

Cheers,

Wolf



76 TR6 CF58170UO (The Lady)
 72 TR6 CC80068UO (The Slut)
 68 TR250 CD4893L (retirement project)

Quote Comment Flag Like 0



03-30-2013, 01:21 AM

#22

You know something Kevin, we could'a been brothers. Your attention to details is no different than mine. I particularly like how you cut the cup to have a narrow handle while working on the adhesive. Something I would have done!

Chandlerazman

Pretty slick!

Mitty Graduate

Join Date: Dec 2010
Posts: 7454

Share

Tweet

Quote Comment Flag Like 0



03-30-2013, 01:30 AM

#23

You know something Kevin, we could'a been brothers. Your attention to details...

Wolf76STL
Mitty Graduate

I don't know, Simon, I would have been the messy brother while you would have been (as illustrated in your clean room - garage) the cleanster bro! :woohoo: Maybe the odd couple?

MEMBER

<http://www.youtube.com/watch?v=Af1h4ibpKJA>
Cheers,

Join Date: May 2011
Posts: 6323

Kevin

Share

Tweet

76 TR6 CF58170UO (The Lady)
72 TR6 CC80068UO (The Slut)
68 TR250 CD4893L (retirement project)

Quote Comment Flag Like 0



03-30-2013, 03:45 AM

#24

Sheesh :blink: You two arguing about who is more intense, is like Michelangelo arguing with DaVinci.. Enough already, a couple of genius freaks, you make the rest of us look like mere mortals. If only we were married to wives like yours who are so selfserving and loving. :laugh:

HawaiiGuy
TRials Legend

Join Date: Dec 2006
Posts: 10226

Share

Tweet

Quote Comment Flag Like 0



03-30-2013, 04:10 AM

#25

Sheesh :blink: You two arguing about who is more intense, is like Michelangelo arguing with DaVinci.. Enough already, a couple of genius freaks, you make the rest of us look like mere mortals. If only we were married to wives like yours who are so selfserving and loving. :laugh:

Wolf76STL
Mitty Graduate

MEMBER

Join Date: May 2011
Posts: 6323

Share
Tweet

:laugh: :laugh: :laugh:

Can't help it, HG, it's all Simon's fault!

Cheers,

Wolf

76 TR6 CF58170UO (The Lady)
72 TR6 CC80068UO (The Slut)
68 TR250 CD4893L (retirement project)

Quote Comment Flag Like 0



03-30-2013, 04:46 AM

#26

I plead the fifth and support the 2nd 😊

Chandlerazman

Mitty Graduate

Join Date: Dec 2010
Posts: 7454

Share
Tweet

Quote Comment Flag Like 0



03-30-2013, 11:45 PM

#27

Wolf,
WOW, excellent work, excellent write up and end result looks totally professional. I've already bookmarked it for future reference when I tackle mine. Thanks much for all the effort you put into this and for helping us novices out. Cheers
Doug

DougDall

MEMBER

Join Date: Oct 2011
Posts: 277

Share
Tweet

1973 TR6, BRG w/bone interior; restoration completed 2017
1968 TR250, started complete restoration Sep 2017; currently BRG but going back to original Signal Red

Quote Comment Flag Like 0

04-01-2013, 02:07 AM

#28



brosky

TRials Legend

MEMBER

Join Date: Dec 2010

Posts: 16954

Share

Tweet

Fabulous work Kevin. That would make one great article for Fid. I did not do my own headliner and did not have time to document it at the upholstery shop.

Quote Comment Flag Like 0



sculhane

Join Date: Sep 2012

Posts: 183

Share

Tweet

04-01-2013, 02:26 PM

#29

Wolf,

Have my hardtop project ready to install except for the window weather stripping I'm waiting to receive AND I haven't installed the chromed trim strips.

Could you give me some tips on how to install the trip strips? I have the originals, and ordered (part # GHF1461) rivet clips from TRF which are just rivets. I tried to attach the trim with a rivet yesterday, but found that the head of the rivet was not large enough to catch the inside edges of the trim and hold it on. What am I missing?

Quote Comment Flag Like 0



Wolf76STL

Mitty Graduate

MEMBER

Join Date: May 2011

Posts: 6323

Share

Tweet

04-01-2013, 11:33 PM

#30

Wolf,

Have my hardtop project ready to install except for the window weather stripping I'm waiting to receive AND I haven't installed the chromed trim strips.

Could you give me some tips on how to install the trip strips? I have the originals, and ordered (part # GHF1461) rivet clips from TRF which are just rivets. I tried to attach the trim with a rivet yesterday, but found that the head of the rivet was not large enough to catch the inside edges of the trim and hold it on. What am I missing?

Steve,

The part number that you noted (GHF1461) from TRF should be a special rivet in the respect that they have a small "collar" attached to the rivet. This collar is sized to fit with the trim and when you apply the trim, just put either the top or bottom lip of the trim over the collar and snap it down with the heel of your hand or a small rubber hammer. It only takes a medium amount of pressure to secure. Don't try to slide the trim on lengthwise as you will only scratch the paint and get frustrated.

Hope that helps,

Cheers,

Wolf

76 TR6 CF58170UO (The Lady)
72 TR6 CC80068UO (The Slut)
68 TR250 CD4893L (retirement project)

Quote Comment Flag Like 0



Phil Crawford
Driver

04-18-2013, 12:22 AM

#31

Kevin
Great looking job and I am amazed not one finger print on the light head liner. So unlike me not to leave a fingerprint. I know this is tedious work and my hats off to you.
Phil

Join Date: Dec 2009
Posts: 147

Share

Tweet

Quote Comment Flag Like 0



Jammin 6

07-22-2013, 09:42 PM

#32

Wolf,

Excellent documentation. Between this and the article by Vance Navarrette, the chore of installing a headliner was much easier. It was still a PITA, though! lol

One question, would you have a picture of the orientation of the side seals? I cannot seem to grasp how they should be installed. Once I finish the hard top, I'll be able to get the restoration on a trailer and take it to get the alignment done. THEN, I can drive it! :-)

Thanks,

Jeff

Join Date: May 2018
Posts: 361

Share

Tweet

Quote Comment Flag Like 0



Wolf76STL
Mitty Graduate

MEMBER

Join Date: May 2011

07-22-2013, 10:15 PM

#33

Wolf,

One question, would you have a picture of the orientation of the side seals?

Jeff,

This is the only picture I could find, hope it helps!

Posts: 6323

Cheers,

Share

Wolf

Tweet



76 TR6 CF58170UO (The Lady)
72 TR6 CC80068UO (The Slut)
68 TR250 CD4893L (retirement project)

Quote Comment Flag Like 0



07-22-2013, 10:35 PM

#34

It's tough to tell from that picture. Do you remember if this looks correct?

Jammin 6

Thanks!

Join Date: May 2018
Posts: 361



Share

Tweet

Quote Comment Flag Like 0



07-22-2013, 10:44 PM

#35

...or this?

Jammin 6



Join Date: May 2018
Posts: 361

Share

Tweet

Quote Comment Flag Like 0



07-22-2013, 11:02 PM

#36

...or this?

Edgar
SCCA Runoffs

I agree with the "... or this?" orientation. I remember asking the same question when it was time to install that seal. I've forgotten whose blog I followed when I did the headliner, but it contained a clear recommendation about how to orient that seal and that's how I did it.

Join Date: Dec 2006
Posts: 949

If you install it the other way around I think the seal will stick out between the B and C pillars of the hardtop wing and it won't look cool.

Share

Tweet

Quote Comment Flag Like 0



Wolf76STL
Mitty Graduate

MEMBER

Join Date: May 2011
Posts: 6323

Share

Tweet

07-23-2013, 03:12 AM

#37

Jeff,

I agree with Edgar that your second picture has the correct orientation.

HOWEVER, I placed the trailing edge of the side rubber moulding so that it would shed water to the outside of the rear seal. Rain can and will get blown under the sides and you want to make sure the rubber directs it to the outside of the cabin.

Cheers,

Wolf

76 TR6 CF58170UO (The Lady)
72 TR6 CC80068UO (The Slut)
68 TR250 CD4893L (retirement project)

Quote Comment Flag Like 0



NovasTaylor
Mechanic

Join Date: Aug 2010
Posts: 304

Share

Tweet

08-08-2013, 01:33 AM

#38

Wolf, there is a special place for you in Hardtop Heaven. Thanks for posting these pics and description. Great work.

Tim

Quote Comment Flag Like 0



christr
Driver

Join Date: Aug 2011
Posts: 158

08-09-2013, 03:37 AM

#39

I just had the pleasure of working with Jammin6 to install the rear window in his hardtop. Went great! The rubber was from TRF and very pilable

Share

Tweet

Quote Comment Flag Like 0



08-09-2013, 11:11 PM

#40

like the color, i chose Jaguar Botanical Green Metallic and it looks similar. did you pick it out of a color chip book, or is there a name?

beengel

Driver

Join Date: Sep 2009
Posts: 160

Share

Tweet

Quote Comment Flag Like 0

1 2 Next



Write something...



Upload Attachments

Upload from URL

Cancel

Preview

Post Reply

Hardtop Construction A to Z

Search

There are no results that meet this criteria.

6-Pack Car Club of the Americas Statistics

Topics: 39,238 Posts: 487,616 Members: 12,804 Active Members: 580

Welcome to our newest member, [RusugaWep](#).

Upcoming Events

There are no results that meet this criteria.

English (US)

[HELP](#) | [CONTACT US](#) | [GO TO TOP](#)

Powered by [vBulletin®](#) Version 5.6.4
Copyright © 2021 MH Sub I, LLC dba vBulletin. All rights reserved.
All times are GMT-5. This page was generated at 10:53 AM.