



Search Audizine

- [Home](#)
- [News](#)
- [Forums](#)
- [Gallery](#)
- [Classifieds](#)
- [Wiki](#)
- [Links](#)
- [Mail](#)



[Audizine Forums](#) > [Main Model-Line Discussion](#) > [B6/B7 S4/RS4](#)  
[CC Mod - The DIY \(B7\)](#)

Welcome, **massboykie**.  
 You last visited: 08-14-2009 at 07:47 AM  
 Private Messages: Unread 1, Total 1.

- [Control Panel](#)
- [Profile Page](#)
- [Social Groups](#)
- [FAQ](#)
- [Calendar](#)
- [New Posts](#)
- [Forum Search](#)
- [Quick Links](#)
- [Log Out](#)

**B6/B7 S4/RS4** Discussion Forum relating to the B6 and B7 S4 and RS 4 (2003-2008). Sponsored by [JHMotorsports](#).



View First Unread Thread Tools Search this Thread Rate Thread Display Modes

Today, 11:38 AM #1

**fly300kts**  
**Four Rings**  
 Registered User



Join Date: Oct 16 2008  
 AZ Member#: 34255

Location: South Florida  
 My Garage: A4 B7 2.0 QT  
 - VW Golf GTI

[My Photo Gallery](#)

[My Reputation](#): ●●●●●

### CC Mod - The DIY (B7)

Hi Guys,

Because a lot of questions have been asked on the subject numerous times, I took time today, to take some shots while I was doing a LED strip integration. Of course, this is not the only way to proceed, but it is my way, and it's a safe way (you don't end up with broken tabs or other issue). This DIY is performed on a Xenon housing (more complex than Halogen) but the same steps can be performed for both type of headlights.

This DIY has 2 chapters due to the number of pictures (too many - Right not granted by Admin)

**Time** = 1hr per headlight  
**Difficulty** = 4

#### The Tools

**WARNING: The internal chrome components are really fragile and I highly recommend wearing cotton gloves once you start to manipulate them.**

#### Heat Gun

Some of you prefer to stick the headlight in the stove. To have personally gutted out numerous Xenon headlights and seen the amount of tinny plastic components, I don't want to take the risk.

This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 61KB.



**Flat screwdriver****T25 Torqs screwdriver** (grinded to the diameter minimum, you will understand later why)

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 78KB.



Using the flat screwdriver, snap off the clips: 5 of them

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 90KB.



Pull off the rubber protector

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 74KB.



Install the headlight on a soft rag (prevent scratching the lens) and you are going to heat up the seal between the housing and the lens. No need to heat the entire perimeter, the glue used is messy enough when soft and you don't want it to stick to the chrome. Heat the area for 10 mn.

Materialized in red the area to be heated.

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 77KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 76KB.



Now, grab two rags, hold the headlight vertically and separate the lens from the housing. The lens shape on the turn signal side provides a good grip. If it's too hard to pull, you can heat up a bit more the area.

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 84KB.



Use a razor blade to cut the cold sealant.

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 72KB.



Voila, headlight is open

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 84KB.



Now you need to remove the internal housing. There are 3 screws holding it in place. Location materialized in red

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 97KB.



Close up of screw #1

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 71KB.



Close up of screw #2

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 69KB.



Close up of screw #3

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 78KB.



Now, the housing should slide off

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 96KB.



On some headlights, it's a bit more difficult because the housing stays clipped in the turn signal area. Gently pry under the plastic tab to release it. Here is a close up of the tab that may stay clipped

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 86KB.



Once the housing is removed, there is an additional screw to be removed right under the turn signal.

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 69KB.



At this stage, I have seen people banging the orange corner with the screwdriver: 99% of the time, you will end up breaking the turn signal tabs !!!

Now, the tricky screw: He is hiding behind the chrome housing. This is where I use my trimmed screwdriver and work it thru between the headlight housing and the chrome piece. Even if you scratch a bit the edge of the chrome housing, do not worry about it, you won't longer see it once the headlight is reassembled.

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 86KB.



You can really see the sucker hiding on this one

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 79KB.



Now, you are going to separate the two plastic parts of the turn signal. Take a close look at the little plastic shaft preventing the separation

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 52KB.



Using a razor blade, you are going to trim just a bit of the edge of the center pin, trying to make a chamfer.

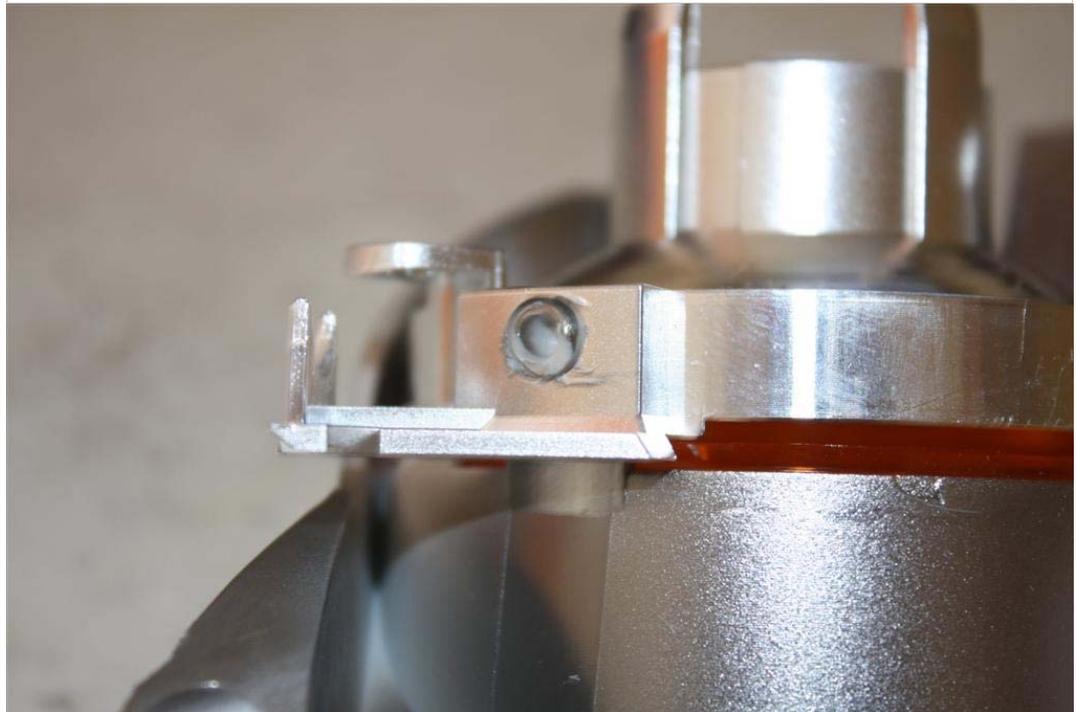
 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 64KB.



Once trimmed, it should look like this



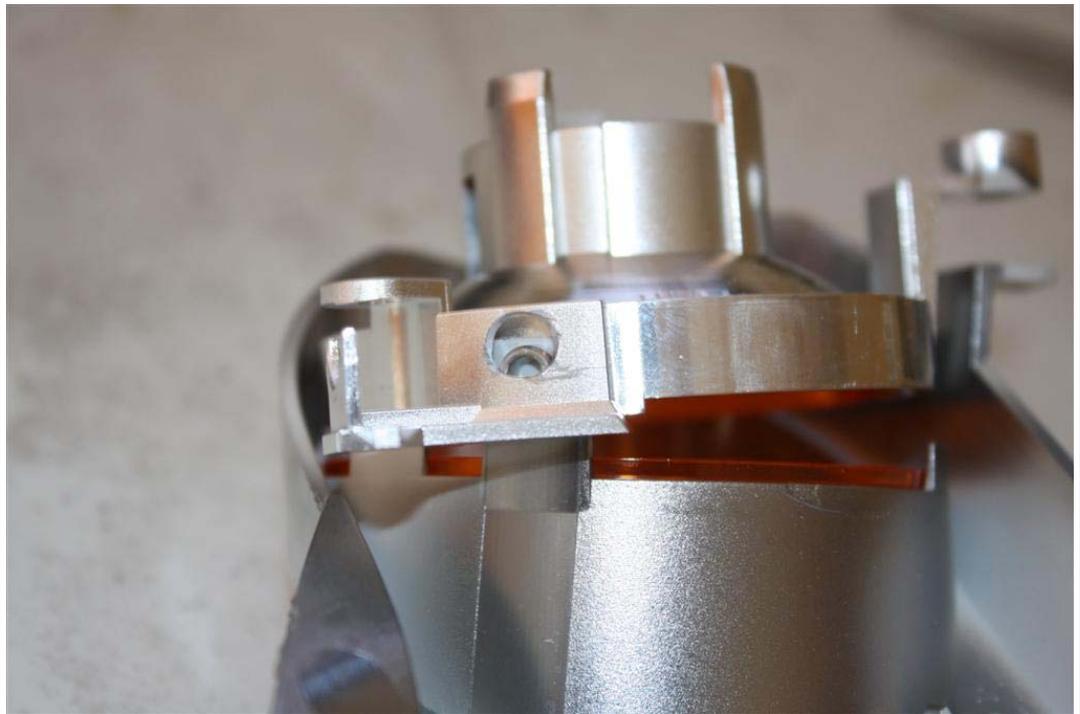
This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 66KB.



And now, if trimmed enough, you will be able to slide and separate the 2 pieces.

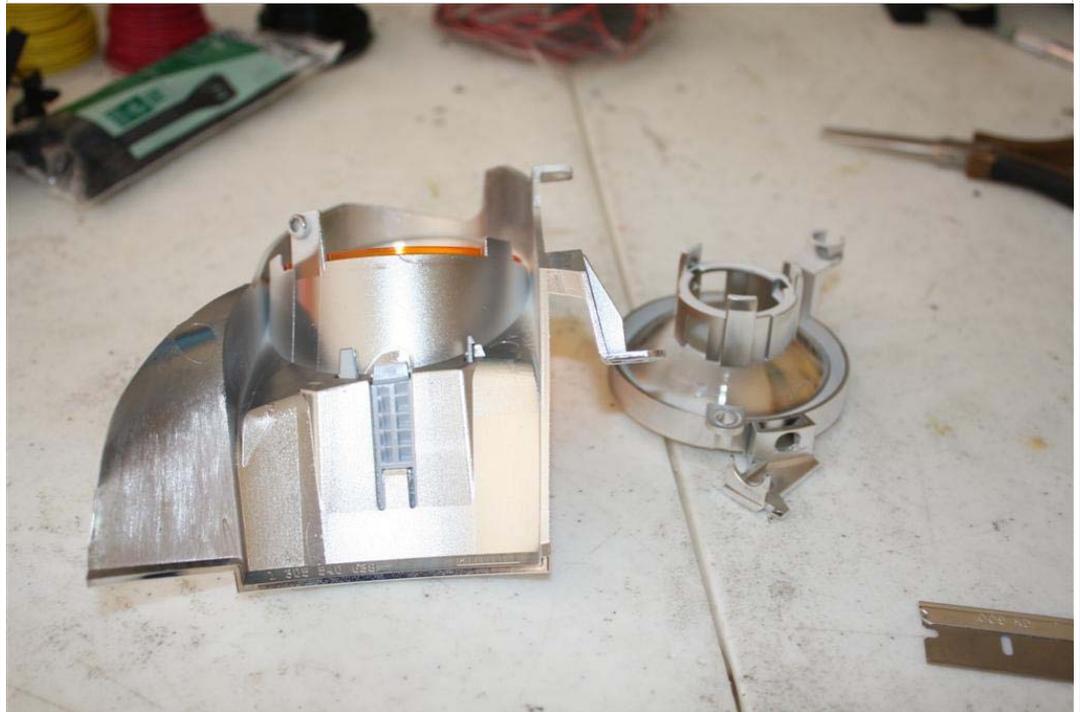


This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 57KB.



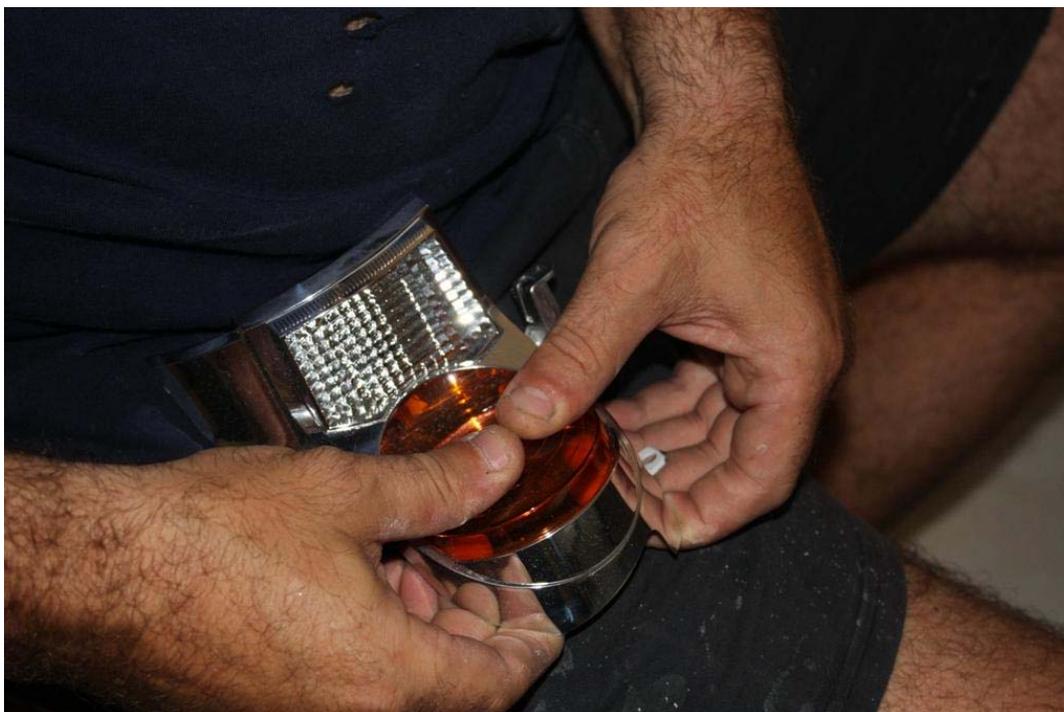
And Voila

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 66KB.

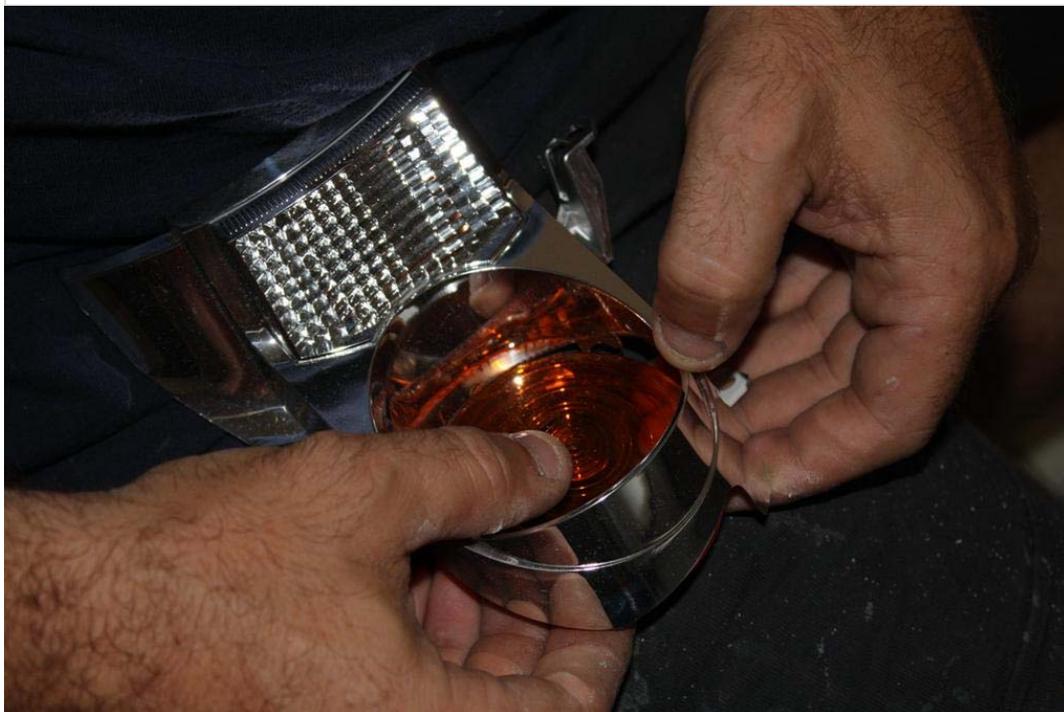


Now, to remove the orange cap, just push on it, towards the inside.

 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 79KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 82KB.



 This image has been resized. Click this bar to view the full image. The original image is sized 1024x683 and weights 52KB.



\*\*\*\* Custom Headlight LED STRIPS B7 Version 3 FOR SALE \*\*\*\*



Today, 11:43 AM

#2

**ZachPDX**

Three Rings  
Registered User



Join Date: Jun 09 2008  
AZ Member#: 29693

Location: PDX

▶ My Photo Gallery

▶ My Reputation: █



Re: CC Mod - The DIY (B7)

nice 🍷 What did you use to do the black? looks great.

\*\*Edit\*\* where did the pics of the black housing go?

05 Brilliant Red 🚩

JHM SM/LW Flywheel + Stg3 clutch | JHM Piggy's | Milltek nonres | JHM Tune | JHM 4:1 Center Diff | Neuspeed 25mm Rear Sway | APR snub | Apikol Rear Diff

**SomeGuyInAChair** - "I'll be honest about why I signed up for a car forum without thorough knowledge of cars. I merely did a Google search with the following key words: "milf cougar forum advice help tips"

Last edited by ZachPDX; Today at 11:53 AM..



Today, 11:44 AM

#3

**fly300kts**

Four Rings  
Registered User



Join Date: Oct 16 2008  
AZ Member#: 34255

Location: South Florida  
My Garage: A4 B7 2.0 QT - VW Golf GTI

▶ My Photo Gallery

▶ My Reputation: ██████



Re: CC Mod - The DIY (B7)

I use Krylon paint

Phil

\*\*\*\* Custom Headlight LED STRIPS B7 Version 3 FOR SALE \*\*\*\*

