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



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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.

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

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

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Pull off the rubber protector

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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.

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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.

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Use a razor blade to cut the cold sealant.

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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

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Close up of screw #1

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Close up of screw #2

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Close up of screw #3

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Now, the housing should slide off

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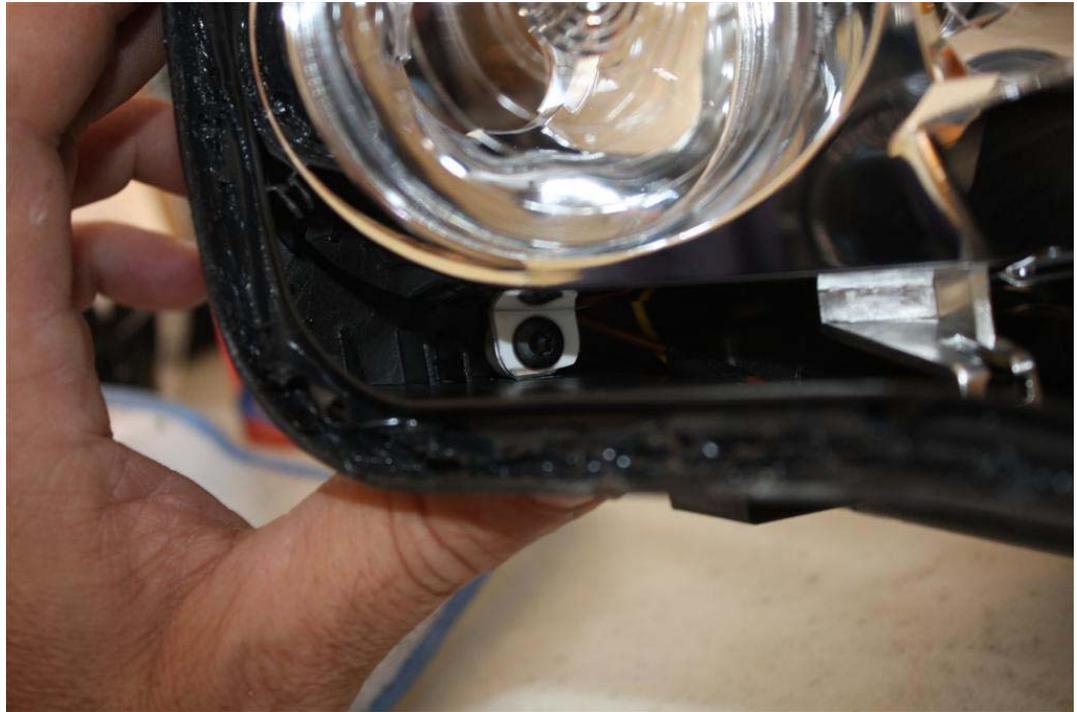
On some headlights, it's a bit more difficult because the housing stays clipped in the turn signal area. Gently pry under the plastic tab to release it. Here is a close up of the tab that may stay clipped

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

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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

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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

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

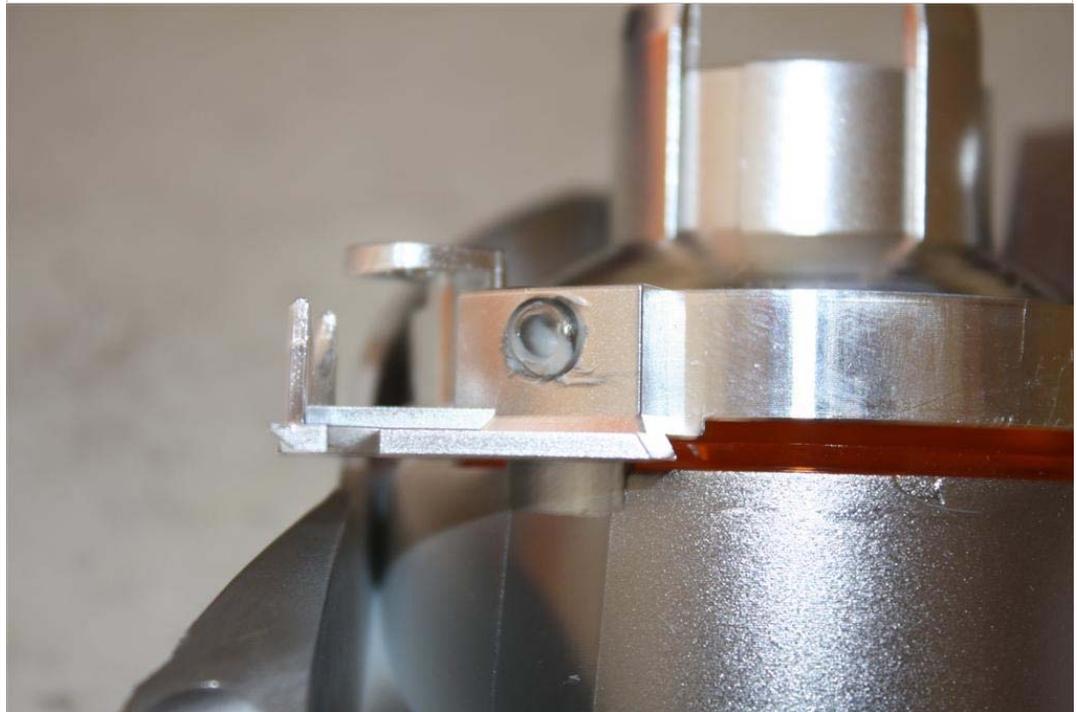
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Once trimmed, it should look like this



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



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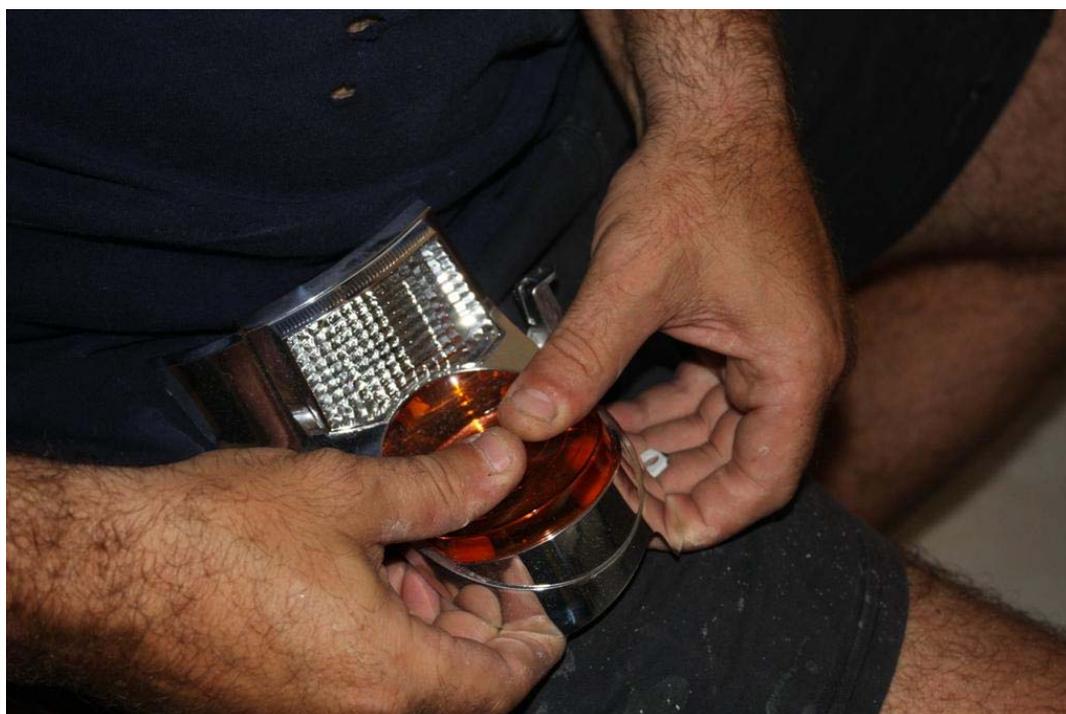
And Voila

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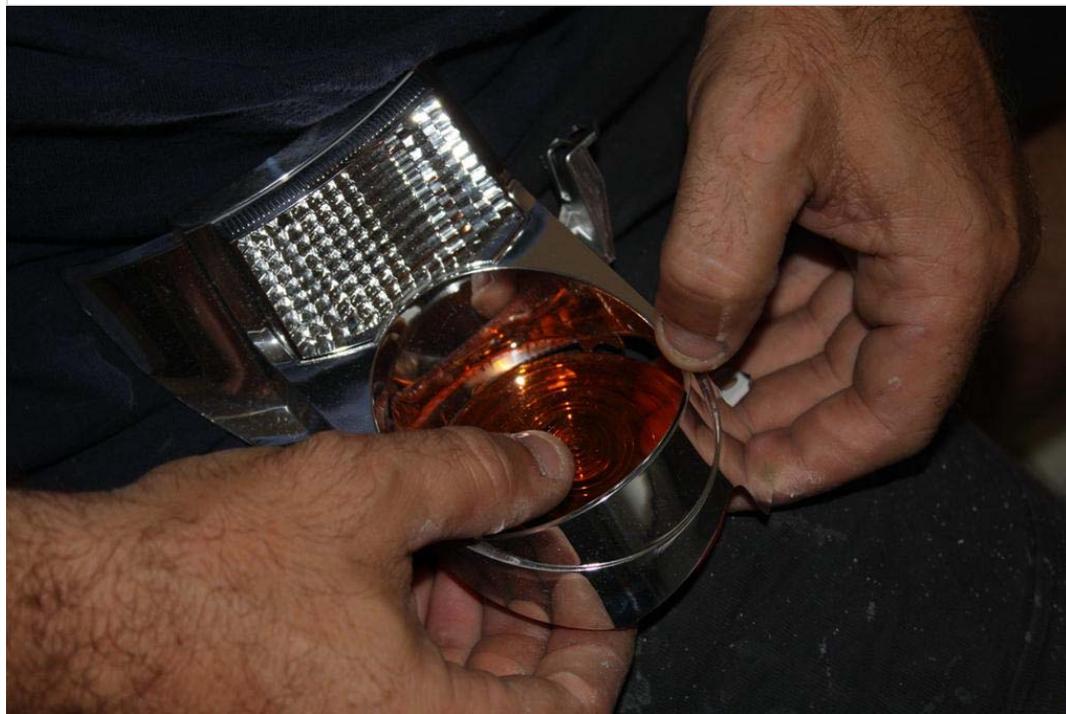


Now, to remove the orange cap, just push on it, towards the inside.

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 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 ****

