

Time for a mini DIY:

First, it's best to remove the senor from the car completely. For the driver's side, it might be better to get do this all with the probe attached to the exhaust, remove.

Open the box of EGT sensor. There's a bunch of slimy silicone that was used to protect the board. Remove all of this junk. I used a toothbrush to remove wh Once you've removed as much crap as you can, you'll need to remove the <u>circuit</u> board from the box completely. You can use a solder gun to melt the solder one.

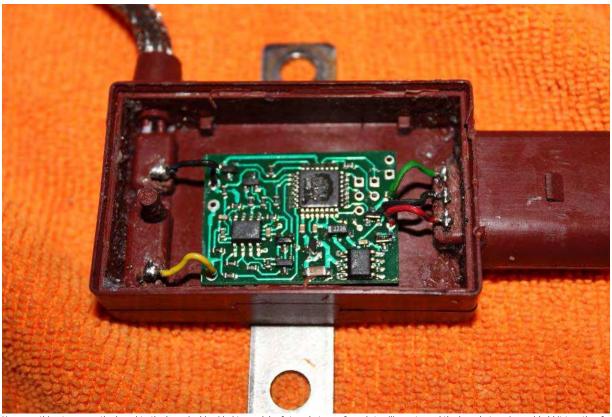
After the pcb has been removed, get the rest of the box as clean as possible. I used some engine cleaner and let it sit for a few minutes to break down the n

the box with compressed air to remove most of the remaining junk, followed by a light wash down with brake parts cleaner. I then cleaned up the leads as b extra solder. I mostly needed to do this because I attempted to fix the unit by resoldering the legs first.

Here's what the box looked like before soldering the new board in:



Next, solder in the new board. This is pretty easy, just make the wires find there way home in the middle of the leads.



Use something to secure the board to the box, double sided tape, dab of rtv, whatever. I used rtv silicone to seal the box shut again, and held it together for and reinstalled. Note: I did not encase the pcb with silicone like it was from the factory.

I started up the car, cleared the codes, and to my pleasure, the codes did not return!!!! SUCCESS!!! WOOHOO!! I also took some logs with vagcom, and whe requesting 6-7lbs of boost before with the egt codes, it now is requesting 10-12lbs and my car has lost the sluggishness it most surely gained when the egts

And finally, here's all the information you need to know about how to order the new <u>circuit boards</u>. I was able to contact him via these emails: <u>sidaudis4@qmail.com</u>

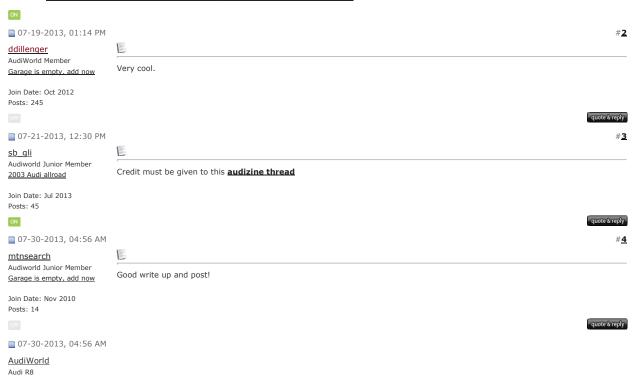
sd110@go2.pl



Forget about buying stupid oem replacement egts for > \$250 a pop that will probably fail again in the near future. Spend \$45 to get a new board or \$84 for door. I still am amazed by how fast they got it shipped over here.

http://ad.doubleclick.net/N2922/jump/audiworld.tmus/category;kw=firstpost;category=Technical Discussion Motors 27T V6 Discussion;topic=How%20 20for%

20good;sz=300x250;ord=123456789http://ad.doubleclick.net/N2922/ad/audiworld.tmus/category;kw=firstpost;category=Technical_Discussion_Motors_ 20fix%20an%20EGT%20sensor%20for%20good;sz=300x250;ord=123456789



Repurposing the CenterSun Visor! EGTs PCB with LED, Wideband, STE-PPD install.



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♠ Forum Main Model-Line Discussion B5 S4/RS4

Repurposing the CenterSun Visor! EGTs PCB with LED, Wideband, STE-PPD install.

Results 1 to 40 of 54 Page 1 of 2 1 2 Last >>

Thread: Repurposing the CenterSun Visor! EGTs PCB with LED, Wideband, STE-PPD install.

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Thread Tools Display

bobkatkato

Established Member Three Rings

04-25-2013 09:57 PM



Join Date: Jun 07 2012 AZ Member #: 94826 Location: North of the 49th parallel

My Photo Gallery: 0
My Classifieds: 0 *****

Repurposing the CenterSun Visor! EGTs PCB with LED, Wideband , STE-PPD install.

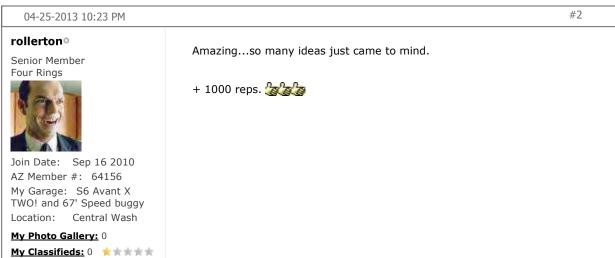
Here is part one of the EGTs PCB with LED, Wideband , STE-PPD install.

After not liking the results from integrating EGT sensor displays into my rear view mirror (to distracting when using the mirror) I was looking for other places to mount the displays I came up with this idea. It functions great and the sun visor can still be flipped up



to move the LEDs out of the line of Washing was even use to get the LEDs to dim automatically when the headlights are on. They tilt to the view of the driver. They are wired to the STE-PPD so hopefully I will be able to log the exhaust gas temperatures automatically with a future firmware update. I just have to find some red film to overlay as the red is just a bit lighter that the Stock colors.





foley803: What does an electrical surge sound like? Barking dogs? Watermelons?

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chinareno

#3

#4

Senior Member Two Rings

Join Date: May 23 2008 AZ Member #: 29118 Location: birth place of

04-25-2013 10:26 PM

land speed reco

My Photo Gallery: 0

My Classifieds: 0 ****

that is a great idea... good job

Reply With Quote

04-25-2013 10:27 PM

getslideways^o

Veteran Member Four Rings



Join Date: May 16 2008 AZ Member #: 28851

Location: WA My Photo Gallery: 0

My Classifieds: 0

Nothing like some fresh ideas. Nice work!



>>The OTHER reason Lambo Doors Suck<<

Reply With Quote

#5

04-25-2013 10:29 PM NickyAsixx3sixx®

Established Member Four Rings



Join Date: Oct 16 2011 AZ Member #: 82652 Location: Levittown, NY

My Photo Gallery: 0

My Classifieds: 0 ***

Re: Repurposing the CenterSun Visor! EGTs PCB with LED, Wideband, STE-PPD install.

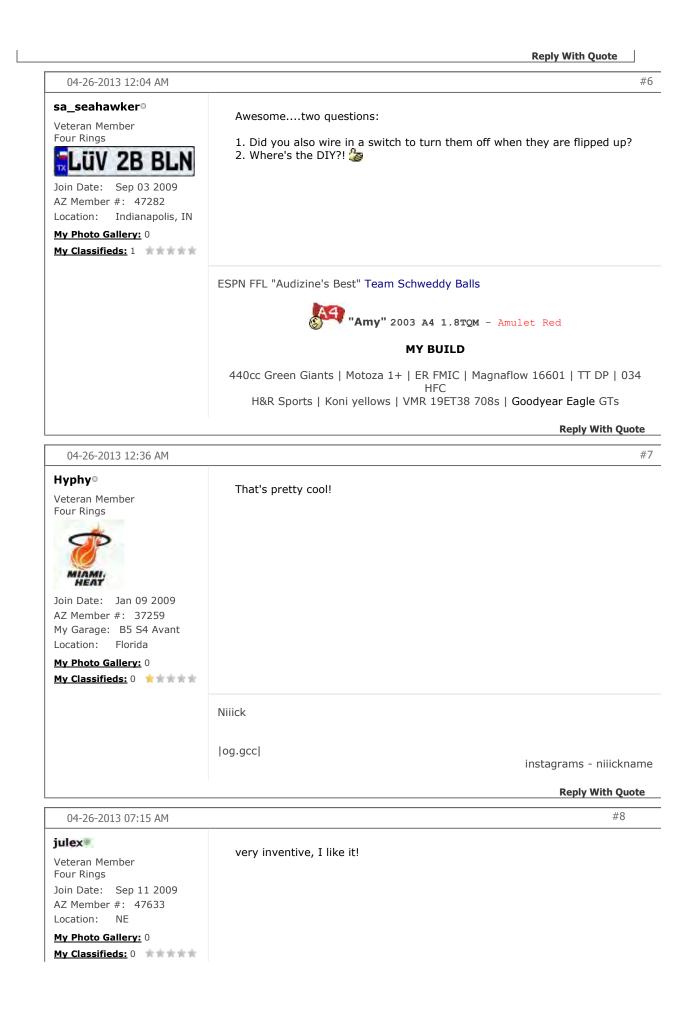
This is amazing

Sent from my SCH-I535 using Tapatalk 2

2001 A6 2.7T - JHM Lightweight Flywheel, Stage 3 clutch, B7 RS4 PP, 3" SRM Downpipes, SRM bi-pipes, Magnaflow exhaust, 3" piping 2004 S4 4.2 - Black, 6 speed, Milltek exhaust - (NY plate NIIICEEE) Sold 2/11/13

2001 A6 2.7T - Cashmere Grey, 6 speed, Stage 2+ ST coilovers, FMIC...(NY plate WAHH PSH) - RIP 8/24/12

http://www.audizine.com/forum/showthread.php/537525-Repurposing-the-CenterSun-Vis...



got a home!

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04-26-2013 07:18 AM

#9

s viero

Veteran Member Four Rings



Join Date: Dec 10 2006 AZ Member #: 14085 My Garage: 2001.5 Nogaro Sport Avant, 2001 Passat

Wagon 4-Motion Location: Milwaukee

My Photo Gallery: 0 My Classifieds: 0 ****

PM me if you have for sale:

RS4 Y-Pipe RS4 bi- pipes aka "Pancake pipes" Sunroofless avant headliner

Reply With Quote

04-26-2013 07:35 AM

#10

SAUDI01.50

Senior Member Three Rings



Join Date: Oct 07 2010 AZ Member #: 65402 My Garage: 01' Sliver S4 Location: Chicago, IL

My Photo Gallery: 0

My Classifieds: 0 ******

Subscribed for the DIY.

S vier, there is a guy on Ebay right now selling a whole RS4 kit in Chicago, might be worth checking out.

Nice work! Add this with my meth controller in the Homelink and everything's

WTB:

2003-04 RS6 wheels (9-spoke 18x8.5) APR BiPipe (unmolested)

Reply With Quote

04-26-2013 07:47 AM

#11

zdrivero

Senior Member Three Rings



nice! i was worried the backside would look shitty when viewing from outside the car but looks like some clean work

Join Date: Jan 17 2010
AZ Member #: 53521
Location: Boston, MA

My Photo Gallery: 0

My Classifieds: 0 *****

B5 S4 Brilliant Black

ProjectB5 | RS6X | PSS9 | StopTech | Podi | Innovate

B5 S4 Avant: Imola Yellow (retired)

Reply With Quote

04-26-2013 08:10 AM #12

A62TURBO®

Veteran Member Four Rings



Join Date: Apr 18 2007 AZ Member #: 17386 Location: NYC

My Photo Gallery: 0

My Classifieds: 0 ★★★★

Looks awesome!!

6 Speed--EPL--034--SPEC--ER--AquaMist--Forge--RS4--RS6--K04 --RNS-E--DTS--PSS9's Full STG 3 Build Complete

Greg C5UNION

Reply With Quote

04-26-2013 08:17 AM #13

s viero

Veteran Member Four Rings



Join Date: Dec 10 2006 AZ Member #: 14085

My Garage: 2001.5 Nogaro Sport Avant, 2001 Passat

Wagon 4-Motion Location: Milwaukee

My Photo Gallery: 0

My Classifieds: 0 ****

Originally Posted by SAUDI01.5

Subscribed for the DIY.

S vier, there is a guy <u>on Ebay</u> right now selling a whole RS4 kit in Chicago, might be worth checking out.

I believe I am buying that tomorrow. Thanks!

PM me if you have for sale:

RS4 Y-Pipe RS4 bi- pipes aka "Pancake pipes" Sunroofless avant headliner

Reply With Quote

and lane

#14

naudlee

Registered Member

Three Rings

Join Date: Sep 14 2009 AZ Member #: 47766 Location: s.e. mass **My Photo Gallery:** 0

My Classifieds: 5 ****

04-26-2013 08:44 AM

damn, very cool/functional mounting solution!

LAST

PROJECT: B5

-I'm here for the advancement of the B5 platform, not the AZ highschool drama... ITEMS FOR SALE

Reply With Quote

04-26-2013 09:19 AM

#15

bobkatkat^o

Established Member Three Rings



Join Date: Jun 07 2012 AZ Member #: 94826 Location: North of the

49th parallel

My Photo Gallery: 0

My Classifieds: 0 ***

Originally Posted by sa_seahawker

Awesome....two questions:

- 1. Did you also wire in a switch to turn them off when they are flipped up?
- 2. Where's the DIY?!
- 1. There is no switch but the visor functions like stock so when you tilt it back up the displays are out of view.
- 2. I will be putting up more DIY images and instructions later tonight or over the weekend.

Reply With Quote

04-26-2013 09:25 AM

#16

bobkatkato

Established Member Three Rings



Join Date: Jun 07 2012 AZ Member #: 94826 Location: North of the

49th parallel

My Photo Gallery: 0

My Classifieds: 0

Originally Posted by zdriver

nice! i was worried the backside would look shitty when viewing from outside the car but looks like some clean work

I covered the back with thin matte black neoprene and it really does not look any different than the stock visor other than the wire harness coming out the back. But there was a molding hole there already so almost like it was meant to be.

Reply With Quote

04-26-2013 09:32 AM #17

infinkc

very nice!

Veteran Member Four Rings



Join Date: Feb 13 2004 AZ Member #: 465 Location: S Ã C, CÃ*

My Photo Gallery: 0

My Classifieds: 0 ***

There are 10 kinds of people in this world, those who know binary and those who don't.

Reply With Quote

#18

04-26-2013 09:36 AM

bobkatkat^o

Established Member Three Rings



Join Date: Jun 07 2012 AZ Member #: 94826 Location: North of the

49th parallel

My Photo Gallery: 0

My Classifieds: 0 ****

Thanks Guys,

The added bonus of all of this is that I now not only can I see the EGTs now the ECU sees two functioning EGTs. I will be able to code back in the EGTs to have that fail safe again.

Reply With Quote

#19

04-26-2013 01:06 PM

SI0w_S4

Established Member Three Rings



Join Date: Mar 18 2012 AZ Member #: 90150 Location:

My Photo Gallery: 0

My Classifieds: 0 *****

what do you wire them to?

2000 S4

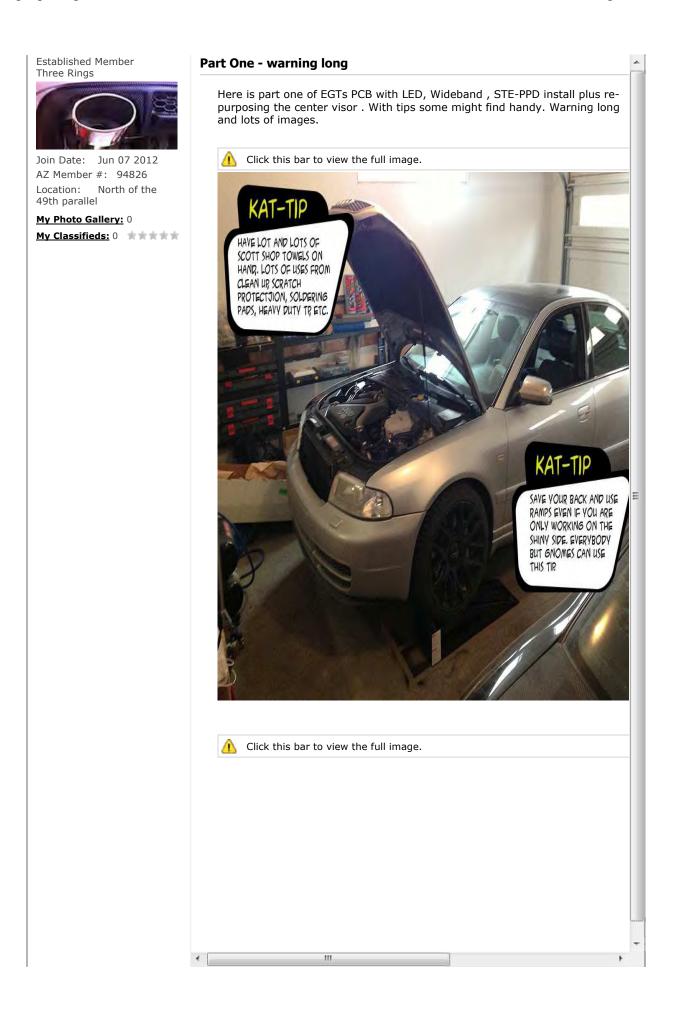
If I wanted to run something like this where do you get the LCD display and

RS4 K04 Housings with K24 compressor and RS6 turbine from SRM-JHM FMIC-034 Soild Mounts

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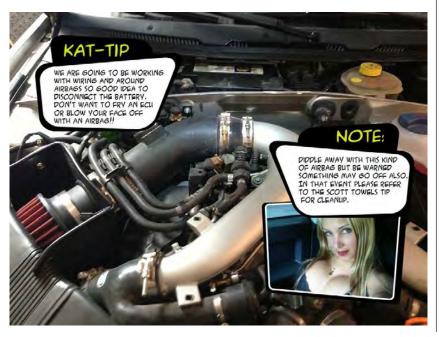
#20 04-26-2013 08:03 PM

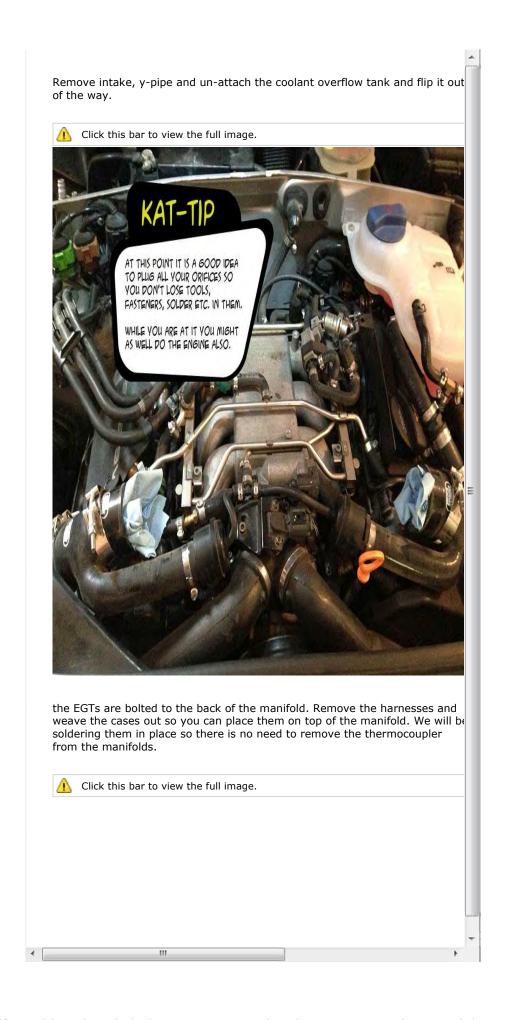
bobkatkato

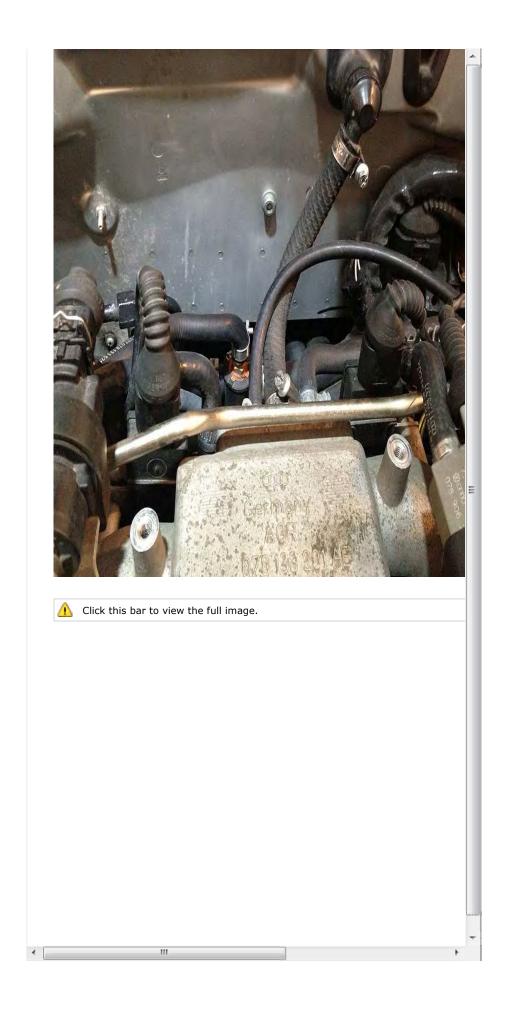


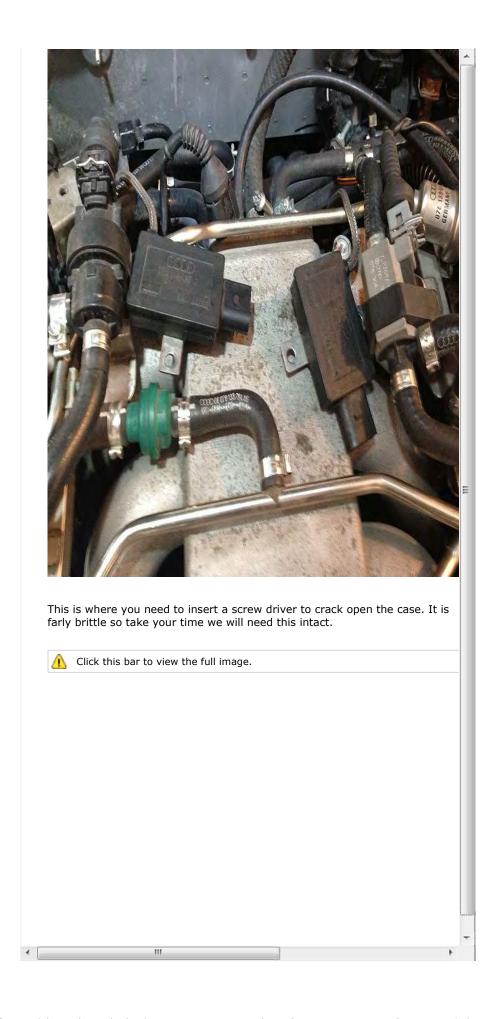


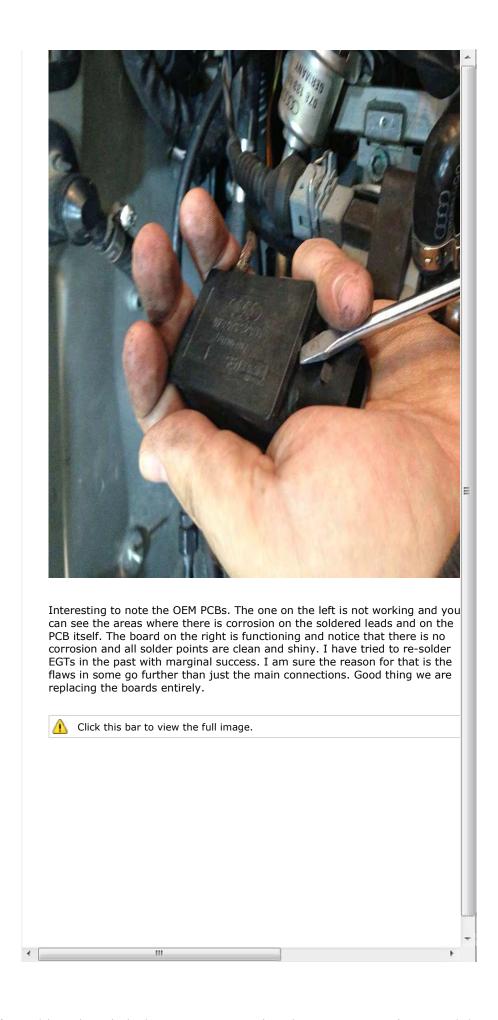
Remove all covers as it will make it easier to solder in the engine bay and you won't crack anything by leaning on them.



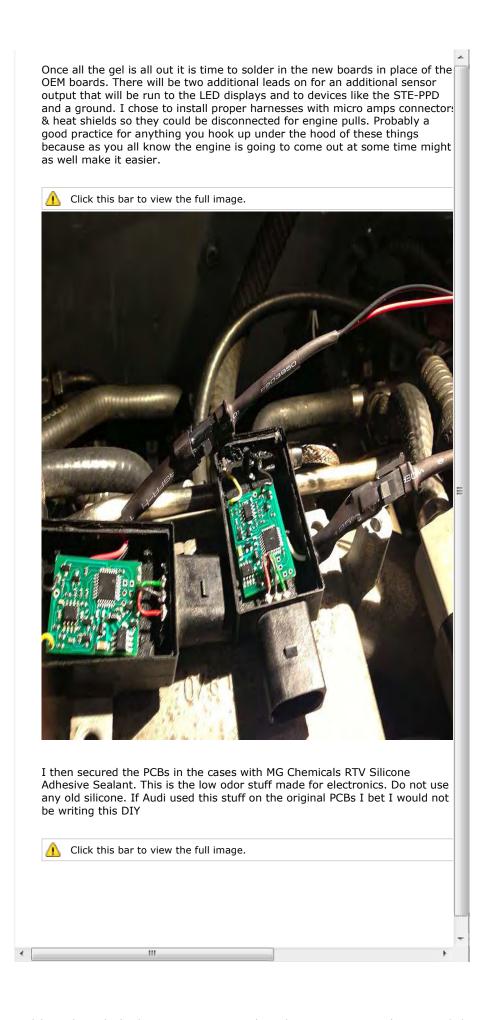


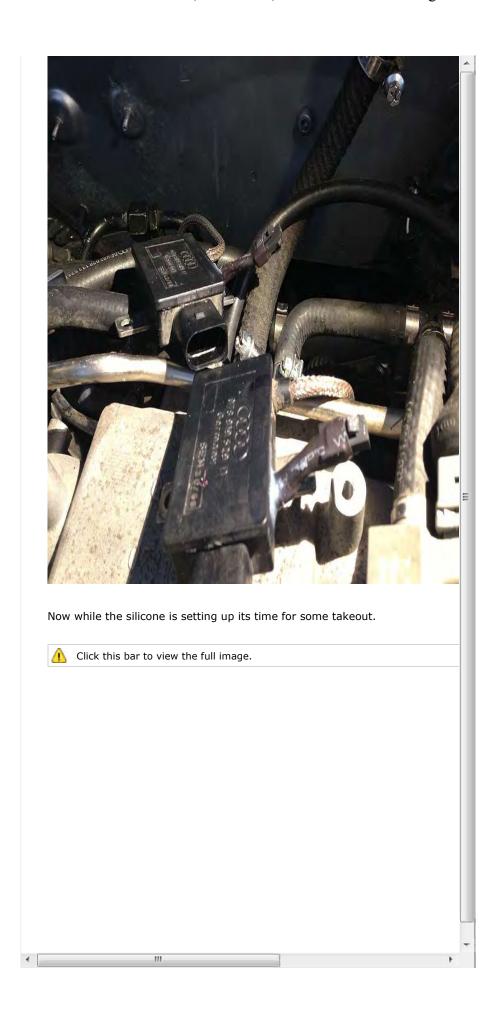


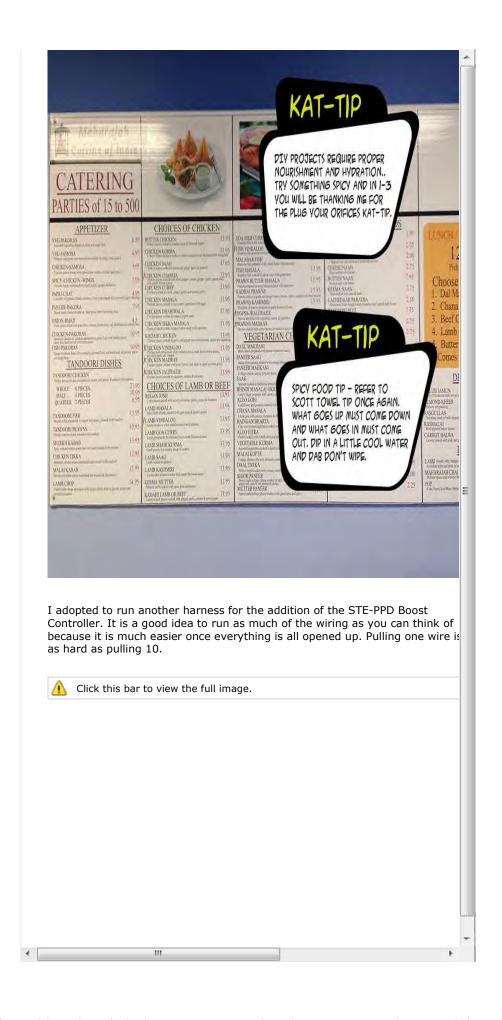


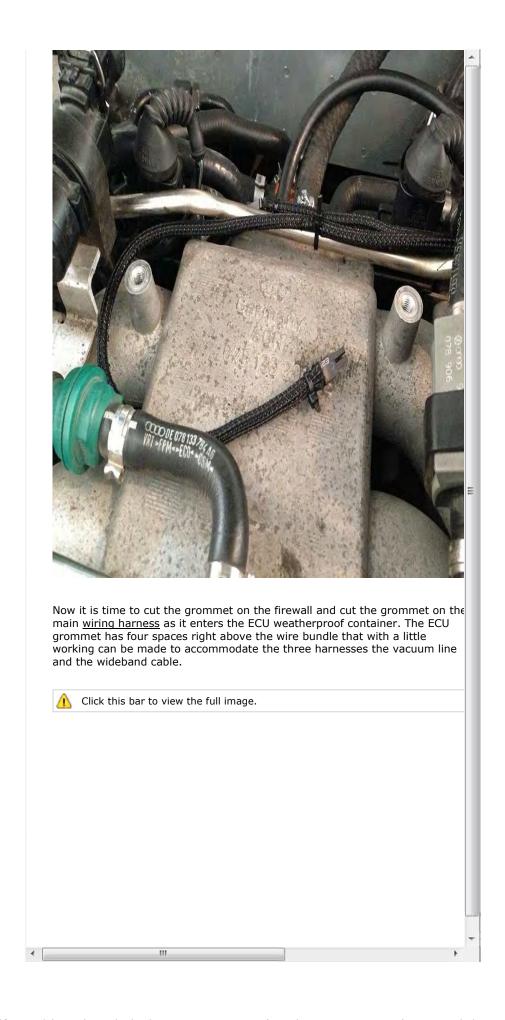


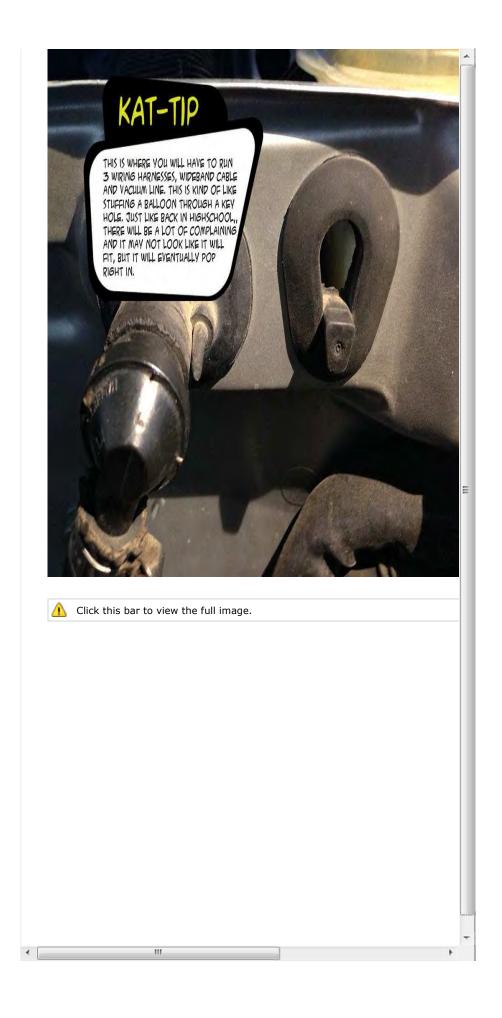


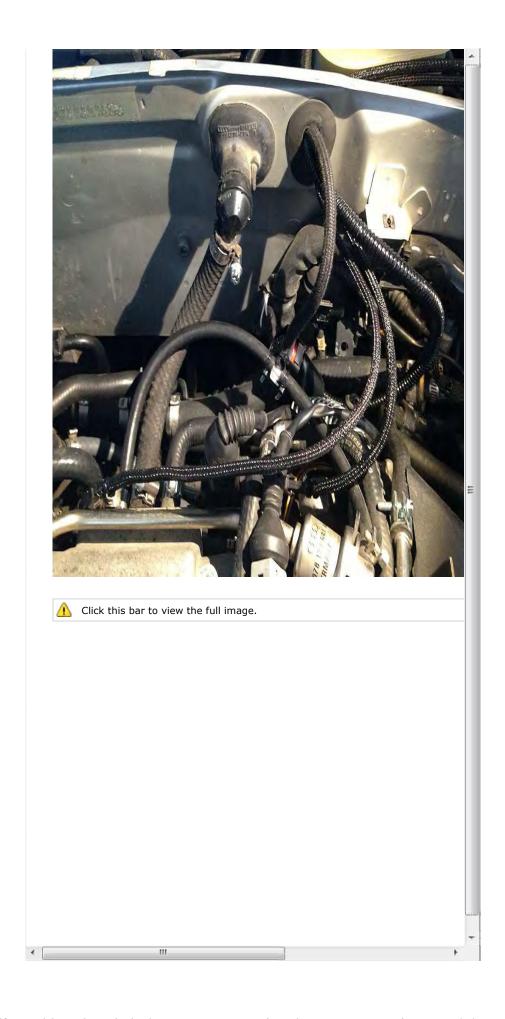


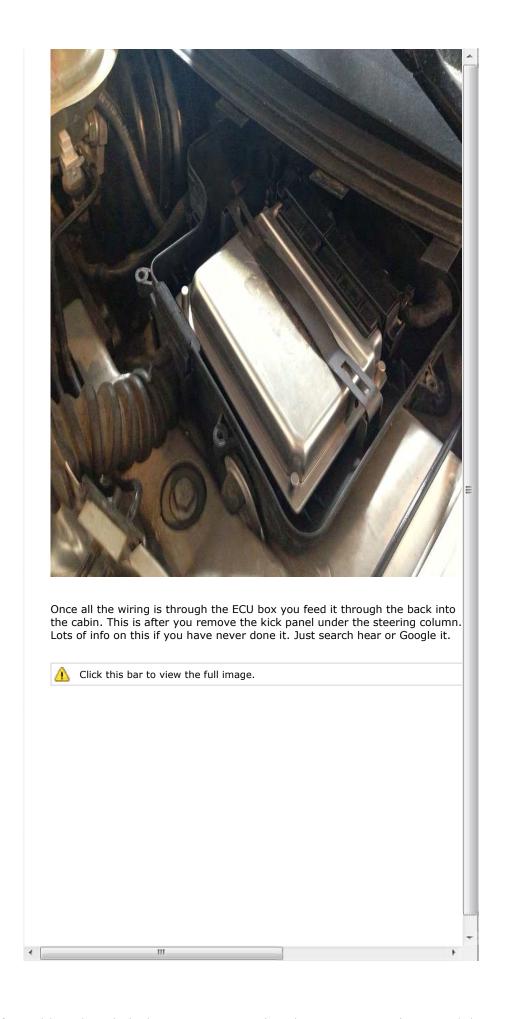


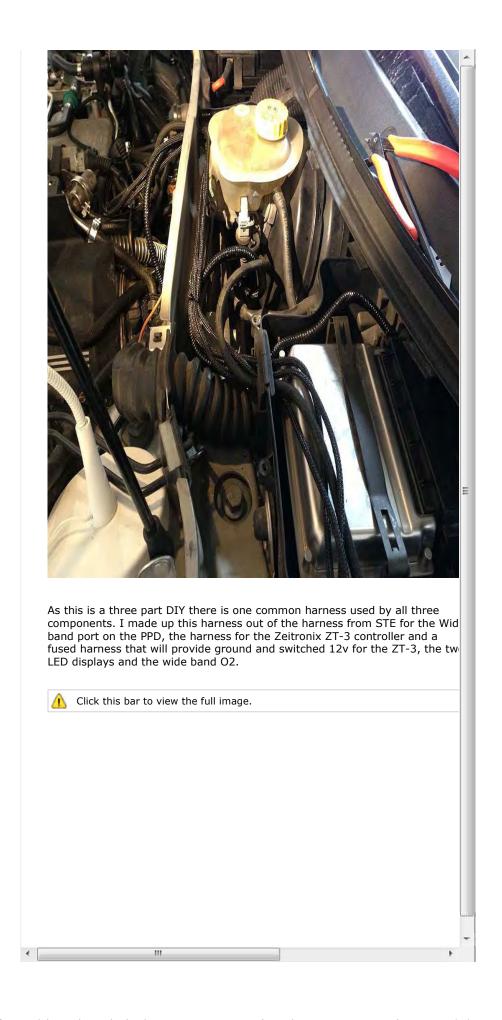


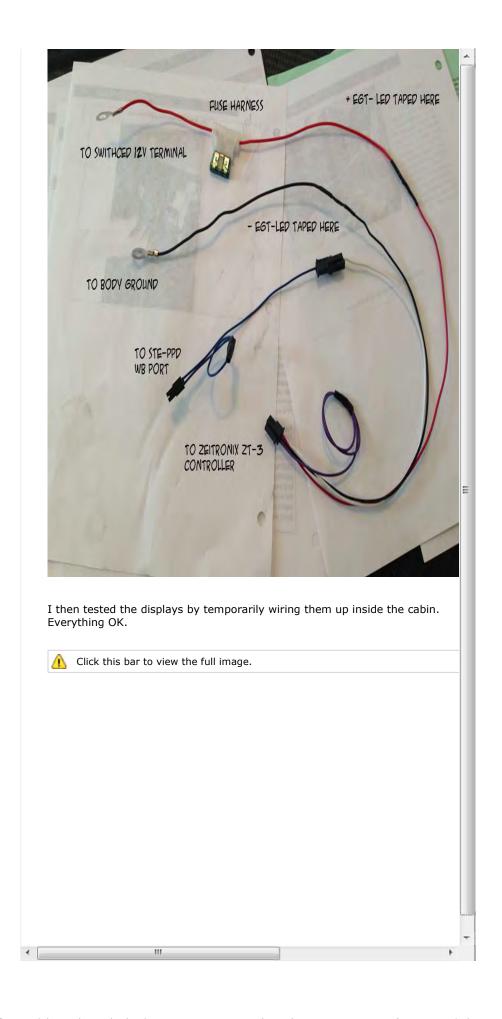


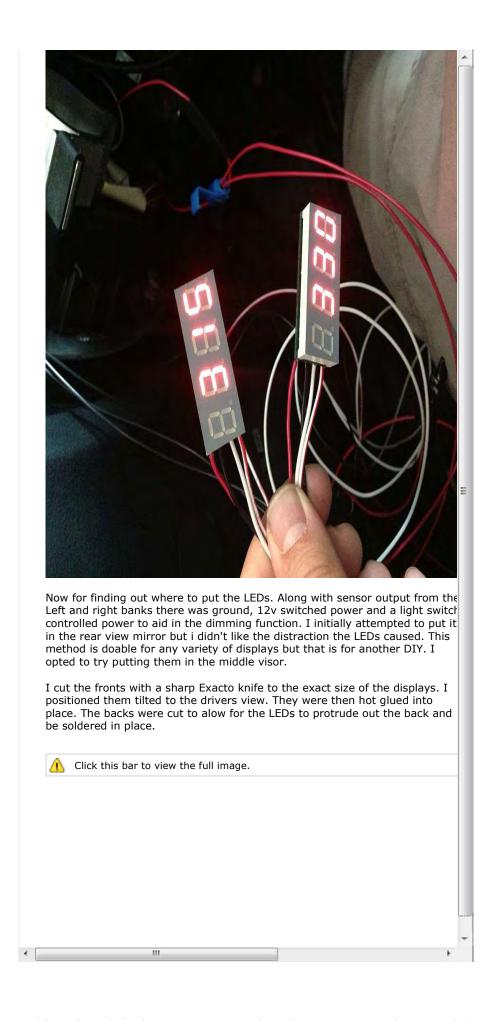




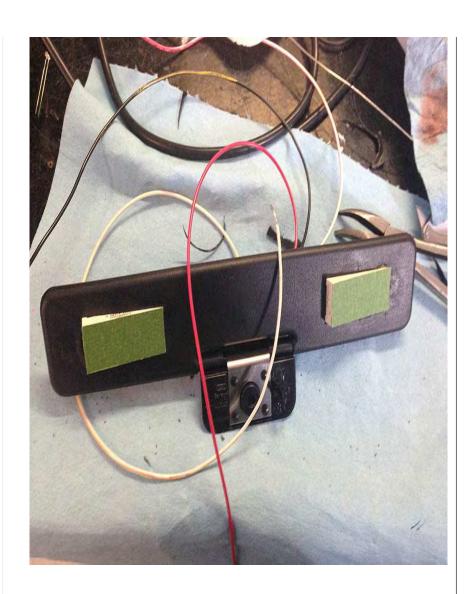


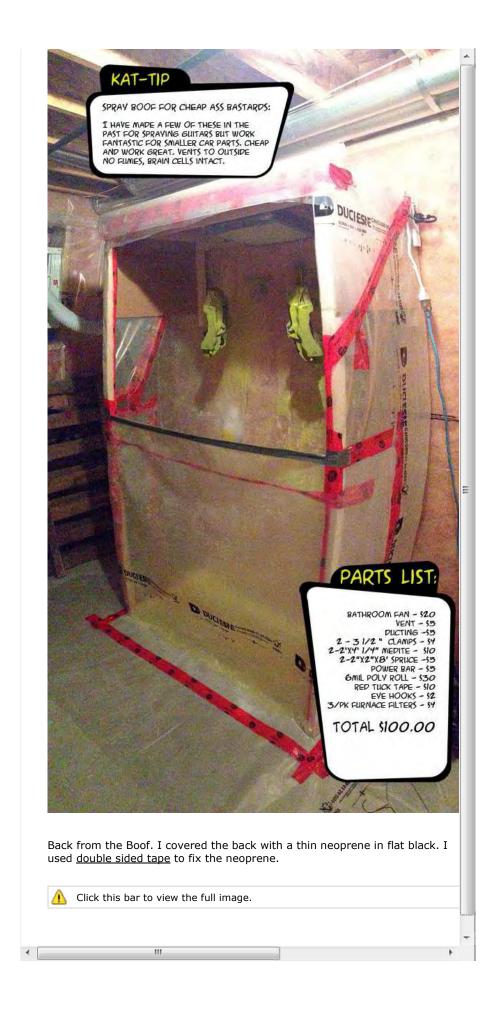






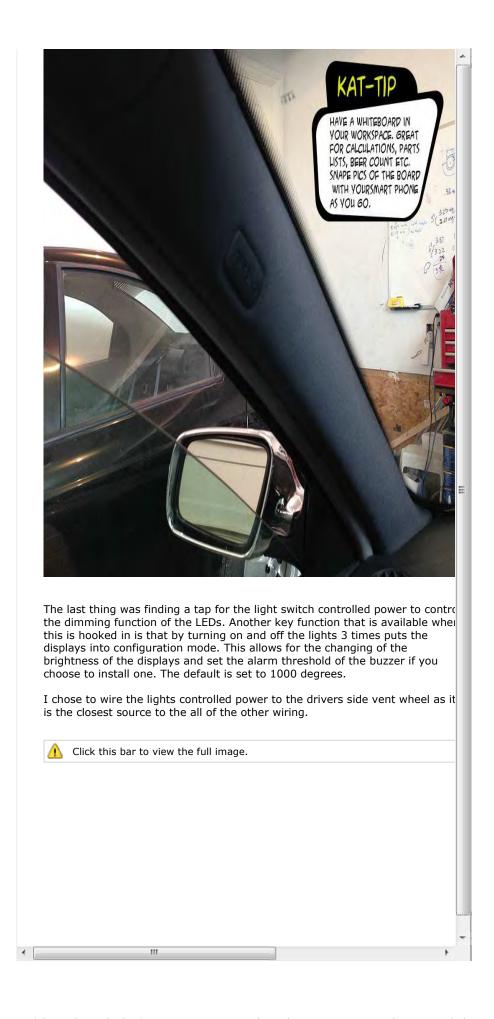


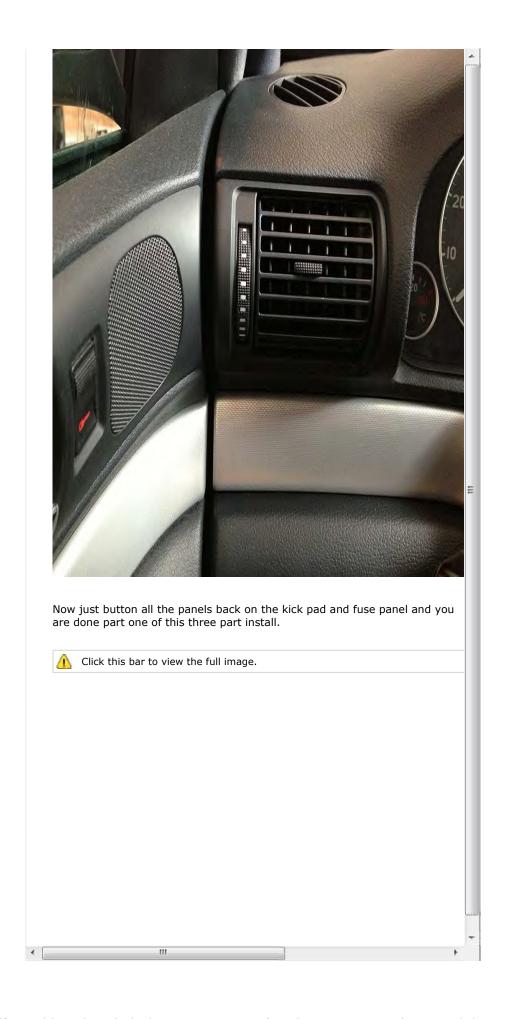














This DIY was sponsored by Spiced Rum

and Captain Morgan Black

Products used in this DIY

EGT PCBs and LEDs:

http://sidmotorsport.pl/pl/search?or...search=http://

Wideband: part 2

http://http://www.zeitronix.com/Prod...t-3/Zt-3.shtml

PPD: part 3

http://www.getste.com/

Last edited by bobkatkat; 04-27-2013 at 11:04 AM.

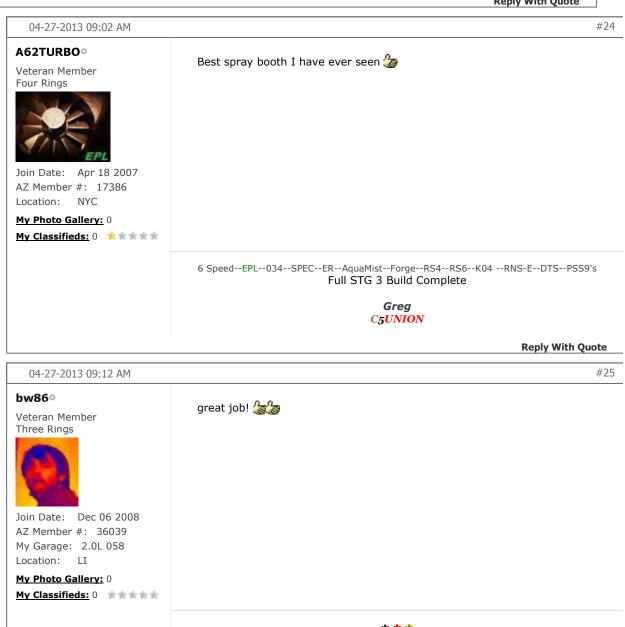
Reply With Quote



Join Date: Jan 20 2009
AZ Member #: 37672
My Garage: B9 RS5
Location: NYC

My Photo Gallery: 0
My Classifieds: 0

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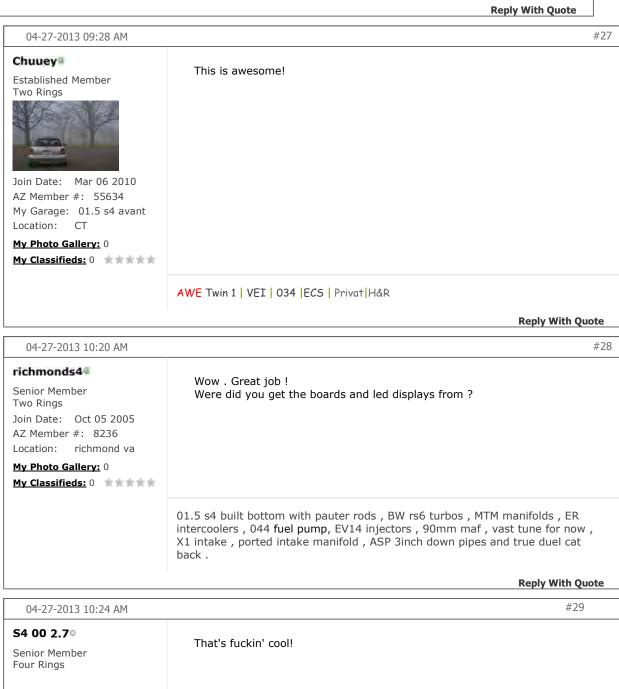
Date: Dec 06 2008
ember #: 36039
farage: 2.0L 058
tion: LI
hoto Gallery: 0
lassifieds: 0 ****

2008cc - Holset HX35 - Lugtronic - ID1000s - IECVA1s
--> first start <-***

FS: GM coolant temp sensor + IE billet adapter
WTB: Belly Pan

Reply With Quote

airjawed Senior Member Four Rings Join Date: Aug 05 2011 AZ Member #: 79311 Location: Memphis, TN for now! My Photo Gallery: 0 My Classifieds: 0 My Classifieds: 0 My Classifieds: 0 My With Quote Reply With Quote





Join Date: May 13 2011 AZ Member #: 75420 Location: Los Angeles

54

APR | Autospeed | tt downpipes | UUC | JHM | ST | 034 sway bar/ end links

2003 Z06 blk/blk (Sold)

Wicked

Reply With Quote

#30

04-27-2013 10:29 AM

goarmyo

Active Member Two Rings

Join Date: Feb 23 2013 AZ Member #: 110125 My Garage: 2006 G35X,

1976 chevy 4X4,

Location: Kansas City MO

My Photo Gallery: 0

My Classifieds: 0 ****

What is all this suppose to do?

Reply With Quote

#31

04-27-2013 10:58 AM

bobkatkat^o

Established Member Three Rings



Join Date: Jun 07 2012 AZ Member #: 94826 Location: North of the

49th parallel

My Photo Gallery: 0

My Classifieds: 0 ****

Originally Posted by airjawedm

Clearly your spray booth isn't ventilated enough....how else do you explain your altered state of mind!

Over Proof Rum.

Originally Posted by richmonds4m

Wow . Great job !

Were did you get the boards and led displays from ?

Sorry forgot to put that in the DIY. I will update it.

M Originally Posted by goarmy

What is all this suppose to do?

there is a fair bit going on here.

- 1. Permanently repair falty Exhaust Gas Temperature Sensors (EGTs)
- 2. Potentially be able to log Exhaust Gas Temperatures through STE's PPD

- 3. Have dual Exhaust Gas Temperature Gauges
- 4. A kewl new use for the Center Sun Visor.

Reply With Quote

04-27-2013 11:36 AM #32

ATCOs4

Established Member Two Rings



Join Date: Aug 25 2011 AZ Member #: 80318 My Garage: 2011 Jetta SE (wifes sweet daily)///1965

Honda CB160 Location: wichita ks **My Photo Gallery:** 0

My Classifieds: 0 ****

You my good sir are a Badass

Reply With Quote

#33

04-27-2013 12:41 PM

InglisLeslie^o

Active Member Two Rings

Join Date: Jun 14 2012 AZ Member #: 95240 My Garage: 2000 Jeep

Wrangler TJ

Location: Tampa, FL

My Photo Gallery: 0

My Classifieds: 1 ***

WOWOWOW!!!!!!!!!! This is such a clean install. My hat is off to you sir. Great write up too. So detailed Im too intimidated to even start haha.

Reply With Quote

04-27-2013 01:39 PM #34

bobkatkato

Established Member Three Rings



Join Date: Jun 07 2012 AZ Member #: 94826 Location: North of the 49th parallel

My Photo Gallery: 0

My Classifieds: 0 ****

Originally Posted by InglisLesliem

WOWOWOWOW!!!!!!!!! This is such a clean install. My hat is off to you sir. Great write up too. So detailed Im too intimidated to even start haha.

Don't be intimidated by this DIY. All three parts can be done on a Sat or Sunday. That is the Zeitronix ZT-3, STE-PPD with Options and the EGT repair with LED readouts. This is a huge amount of data display, data logging, tuning information logging and display and EGT failsafe, bang for the buck and time spent.

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04-27-2013 01:55 PM #35

http://www.audizine.com/forum/showthread.php/537525-Repurposing-the-CenterSun-Vis... 10/4/2013

trichard3000®

Established Member Two Rings



Join Date: Dec 05 2010 AZ Member #: 67863 My Garage: 2001.5 S4 Avant 6mt Santorin Location: St. Louis, MO My Photo Gallery: 0

My Classifieds: 0 ****

This is great! Plenty of extra space, too. Hmm... Boost, AFR...

trichard3000

Better living through chemistry: $25/2 O_2 + C_8H_{18} -> 8 CO_2 + 9 H_2O$

Reply With Quote

04-27-2013 01:58 PM

udcc11º

Established Member Three Rings



Join Date: Oct 17 2011 AZ Member #: 82682 Location: Illinois My Photo Gallery: 0

My Classifieds: 1 ****

Very cool.

2000 Nogaro S4 Six-Speed Stage 3 Frankenturboed Totaled 2002 Santorin S4 Six-Speed Stage II+

Reply With Quote

04-27-2013 02:33 PM

#37

#36

bobkatkato

Established Member Three Rings



Join Date: Jun 07 2012 AZ Member #: 94826 Location: North of the

My Photo Gallery: 0

49th parallel

My Classifieds: 0 ****

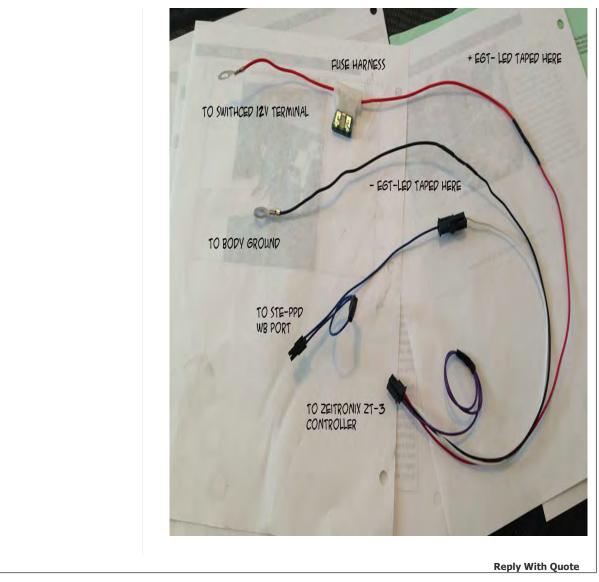
Originally Posted by trichard3000

This is great! Plenty of extra space, too. Hmm... Boost, AFR...

Boost and AFR are already in the STE-PPD, along with a bunch of other stuff. But I am already thinking about putting some USB ports and charge plug for radar detector. Be nice not to have wires all over the place for Smartphone-Nav and radar.

Reply With Quote

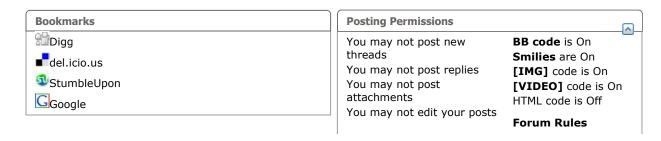








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