

These are my Christmas' present from my girlfriend after I bought her a Guess watch ^(C) Now we are working on the radar detector, after I <u>spent my money on ti</u>re chains. Winter is coming fast.



These were on sale on procarparts.com: <u>http://www.procarparts.com/sto...01RGX</u> and with shipping they came to about \$45 I think. Later I found that they buy them from a wholesale seller, Alfa Otto: <u>http://alfaotto.com/store-deta...oreDB</u> at probably lower price, but they do not sell to individuals.

These are shown alltogether for both 1993 and 1997 Passat, but I risked it with my 1994 and they were ok - exact fit. Only thing is that on the RPM clock these have the window for the automatic tranny gears, I just put a dark piece of film in there and I am cool with that. The gauges come with the inverter, general directions, almost worthless, and green/blue switch along with the brightness regulator. During the day they are white, clean and clear, during the night you can choose the color. The regulator and color switch come on a metal plate with two holes for easy bolt on, however I broke that one and drilled some tiny small holes right on the left side of my stereo and fitted the controls over there - so right now it looks almost stock \bigcirc

First of all,



here is how to remove the plastic frame in front of the gauges, held by 2 screws, and then another two for the cluster box itself. Tilt your steering wheel down to gain more space over there.

Then, once you have the box out, get scissors, screwdrivers, knife...



The gauge faces go directly ON TOP of your original ones. I cannot stress how important it is to be careful with the needles...



I managed to brake the mechanism on the gas tank one For easier work, you can pull each gauge assembly straight up from the green plate - no screws are holding it, just be firm when pulling. There are two small bolts in the middle of the RPM and speed clocks, which I removed and reinstalled on top of the new gauges. There are no such on the gas/temp clock.



Then I pulled this white plastic thingie off,

that is right on the three LEDs that throw additional light on the cluster front. I replaced the green film below with with blue transparent one, as well as I did the two arrows for the turn signals. Honestly, I plan on actually disconnecting those three LEDs there; they are obsolete now since the gauges glow really bright, no need of more light at all.

The three windows on the gauges are stock VW green. As I mentioned above, the one for the auto tranny I just covered. There is a DIY on the Corrado forum by Oichan for reversing the LED screens on the MFA and odometer, but what I simply did was to put again blue transparent film in front of each of those windows, which happens to be exactly between the OLD and NEW gauge.

After you snap all three faces on the gauges, assuming everything went OK,



put the wires together and you will need a hole to lead the wires out. I actually had to use a big drill because the couplers on the ends of each of the three wires are not that tiny:



Once done that, put the cluster alltogether, clean and wipe any fingerprints, cause those will emboss in the dark when the gauges illuminate. Then I started fixing the controls... They are both on a metallic plate, which i broke to release each one of them and threw it away; then I used the small plastic trim piece on the left side of the radio, and checked it; there is NOTHING right behind it so it was perfect for me!



I drilled a round hole for the brightness knob and a rectangular one for the green/blue switch. It looks great:



Then connect the three gauge wires to the leads from the control box,



find a good ground: anywhere to metal, and find a power source usually a red wire for 12v current to power the gauges. Here I ran into a problem: I pulled the headlight switch and hooked the power for the gauges ot the red wire i found there,



assuming that was my parking lights and when the switch is pressed it will turn on the glow gauges as well... NOPE! They stay ON all the time, even after I turn off the headlights, parking lights, engine and exit and lock the car... What did I do wrong? My first question:

Where do I hook the gauge red wire so it will work with my parking/headlights??? Which is the parking wire, how to locate that?

Otherwise, those are awesome. I like them cause they match my Pioneer headunit, whose screen is blue, and if I want them to match the lights on the dash I can turn the gauges green, The font is also itallic, which I like a lot.

Here is a final pic:

Four things to do:

- Find the parking light current wire and hook gauges to it;

- Buy a can of fluorescent spray and spray the needles!

- Disable the three LEDs that illuminate the cluster;

- And finally, anyone selling the temp/gas clock

on the left side of the cluster?!?! I need that one!!

Any comments, ideas, help, suggestions appreciated.

Do this on your own enthusiasts' behalf. I just described how I did mine.

Modified by izzo at 11:52 PM 3-11-2006

Modified by izzo at 11:52 PM 3-11-2006

<u>VWbay</u>

Es ist wirklich eine Liebe - hassen Sie Verhältnis!

B4Volksdragon 🗎 <u>»</u>

<u>«</u> » 6:33 AM 12-16-2004 Reply

Men	nber

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U			e

Member Since 8-21-2004 305 posts

nyc Ny 2001 B5 Passat GLS V6

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Nicely done.....i did my gauges on B4 but the numbers didnt line up too correctly so it looks a little sloppy...i REALLY dig how you mounted your switch by the radio....yuo might need to put back your illumination because the glow gauge light might not be enough....what i did was i put a blue tint instead of green and put two bulbs on the sides...

Reply 📝 izzo 🗐 Re: (B4Volksdragon) 🗻 <u>«</u> » 6:40 AM 12-16-2004 Member The switch turned to be awesome looking there. However with these particular gauges, I am positive that there is a lot of light. Will try without the LEDs on top. Offline And already changed the tint film again with transparent blue one. Member Since 3-18-2004 My biggest concern is where to hook up the red wire from the gayges, 5473 posts so the will work with the headlight switch ?? W Va 94 B3 GLX, 97 GTI, 84 Rabbit GTI, 06 Citroen C5 HDI, 00 Audi A4 1.8TQ, 93 Audi B3 TDI **VWbav** E 🖻 🗇 Es ist wirklich eine Liebe - hassen Sie Verhältnis! B4Volksdragon 🗎 » <u>«</u> » 7:05 AM 12-16-2004 Reply Member Offline Member Since 8-21-2004 305 posts i hooked up my red wire to the back of my headlight switch.....the problem is i had Daytime nvc Nv running lights and even thou i disconnected the headlighs from being on all the time, my 2001 B5 Passat GLS parking lights are always on, and so whenever the ignition is on, my gauges light up....a V6 solution to what would be a euro-switch, where there is an option for LIGHT OFF completely E 🖻 🗇 B4Volksdragon 🗎 » Reply Member Offline Member Since 8-21-2004 305 posts PS.... i connected the red wire to the headlights wire....i though that would work with the nyc Ny 2001 B5 Passat GLS headlights, but since i have no euro-switch, and a DRL switch, there is no OFF option so the V6 current is flowing constantly as soon as the ignition comes on 🖗 🖹 🖚 izzo 🗎 Re: (B4Volksdragon) <u>»</u> Reply 📝 <u>«</u> » 7:16 AM 12-16-2004 Member It is okay with me to have the gauges lit if ignition is on, my dilemma is that they keep ON even after I pull the key out 🕝





for you guys considering doing this these are a good option also. brought to you by the fine folks at ebay.



what is up with the blue lines in the right of this picture??? reflecting off the clear plastic cover or something? weird.



€€€Incognito were 1øø% euro ® vortex+ßentley+Vag©om= Zero gray hairs © °**Çå**lvïñ ° is *thee* name.

oempl.us

izzo

Re: DIY: Glow Gauges on a B3 (VdubTUNA) 😕

<u>« »</u> 5:34 AM 12-17-2004 Reply

Member



Member

McLaren

Offline

Member Since 10-4-2001 1592 posts

Hyogo Japan '92 Corrado VR6 2.9L J-Spec

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izzo

You want ALWAYS-glow gauges?

I got a power from fuse box #14(for Back-up Light Switch) or #16(Voltmeter, Engine Oil Pressure Gauge) for my reversing the LCD screens.

by like this blade fuse with barrel fuse holder.



..::: I zumi:::.. <u>OICHAN.ORG</u> ♥ <u>HOSTDUB</u> ♥ <u>Corrado Forum Jp</u> ♥ <u>My Baby's Blog</u> ■ Re: DIY: Glow Gauges on a B3 (Oichan) ≫ <u>« »</u> 2:50 PM 12-22-2004 Member

Coffline Member Since 3-18-2004 5473 posts W Va 94 B3 GLX, 97 GTI, 84 Rabbit GTI, 06 Citroen C5 HDI, 00 Audi A4 1.8TQ, 93 Audi B3 TDI ∰ ∰	Arigato, Oichan san 🙂 However that is not exactly what I need, all I want is to be able to turn my glow gauges alltogether with my headlights, that's all. Meaning: whenever I flip the switch to turn the headlights on, the gauges should illuminate as well. And when the headlight switch is OFF - the gauges shoul Cool keyboard btw 🙂	
Oichan Member	Re: DIY: Glow Gauges on a B3 (izzo) »	<u>«</u> » 3:06 PM 12-22-2004 Reply
McLaren ⁷ Offline Member Since	I misunderstood? Sorry! Permit my poor English knowled	dge. 😌 🚭
10-4-2001 1592 posts Hyogo Japan	::Izumi:::	
'92 Corrado VR6 2.9L J-Spec 🔁 🕋 🝈	OICHAN.ORG 😁 HOSTDUB 😊 Corrado Forum Jp 😽 I	<u>My Baby's Blog</u>
İZZO Member	■ Re: DIY: Glow Gauges on a B3 (Oichan) ≫	≪ ≫ 3:18 PM 12-22-2004 Reply 🛃
Offline Member Since 3-18-2004 5473 posts	No, you are fine believe me The only thing I am banging my head over right now is t problem with powering the gauges But anyhow, I am not in the USA right now, so will postpone the fixing till January However I am still open to ideas, so anyone is welcome	
W Va 94 B3 GLX, 97 GTI, 84 Rabbit GTI, 06 Citroen C5 HDI, 00 Audi A4 1.8TQ, 93 Audi B3 TDI	<u>VWbay</u>	
¢ B @	Es ist wirklich eine Liebe - hassen Sie Verhältnis!	
Oichan	■ Re: DIY: Glow Gauges on a B3 (izzo) ≫	<u>≪</u> ≫ 3:41 PM 12-22-2004 Reply
	Isn't your headlight switch the same as the Corrado one Corrado headlight switch wiring diagram is here	?
	:::Izumi:::	
	OICHAN.ORG 😁 HOSTDUB 😂 Corrado Forum Jp 😔 I	<u>My Baby's Blog</u>



Reply

Reply

<u>«</u> » 4:20 AM 12-23-2004

<u>«</u> » 12:43 PM 12-23-2004





Offline Member Since

1-20-2004 64 posts

Tracadie NB 1992, Passat Syncro G60

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B4Volksdragon 🗎 <u>»</u> Member

wichibe

Offline

Member Since 8-21-2004 305 posts

nyc Ny 2001 B5 Passat GLS V6

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OK sorry for long absense...i looked at what wire should go where....the black gauges wire(ground) should go into the brown color wire at the back of the headlight switch....the red wire(+12V) should go with the GREY AND BLACK wire....keep in mind i have a 1996 B4....lemme know how it turns out

Do You know if they make some for the 92 syncro? Gage come up to 260 km/h. I really

izzo Member

🗎 Re: (92SyncroG60) <u>»</u>

what gage like that!

El-BaRtO

Iwill try both this and Oichan's way to wire.

B4Volksdragon: Thanks man,

http://www.cardomain.com/id/passatsyncrog60

Check on the website - procarparts... If not Zarman prolly might be able to hook you up with 260 km ones.

Offline Member Since 3-18-2004 5473 posts

W Va 94 B3 GLX, 97 GTI, 84 Rabbit GTI, 06 Citroen C5 HDI, 00 Audi A4 1.8TQ, 93 Audi B3 TDI

¢ 🖻 🝈

vasillalov Member

VOLKSWAGEN

Offline

Member Since 11-4-2003 6052 posts

Bowling Green OH 1999.5 Jetta GL

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Will let you know in a few weeks Will let you know in a few weeks YWbay Es ist wirklich eine Liebe - hassen Sie Verhältnis! WWbay Es ist wirklich eine Liebe - hassen Sie Verhältnis! WWbay Bre: (izzo) ≫ Good JOb! They look awesome! I was very sceptical initially but these turned out pretty neat... Good JOb! They look awesome! I was very sceptical initially but these turned out pretty neat... My DIY and Resources Master Thread List: <u>Click Here</u> *Quote, originally posted by the_q_jet »* the_q_jet (12:35 PM 11-30-2006): oh might guru of the mk4 2.0 how art thou!? *Quote, originally posted by dvlax40 »* wheres vasillalov when i need him ²² I was weeks Weeks was and the state of the state



Member	
<u>cometo</u>	
Offline	
Member Since 12-15-2004 928 posts	ok cool
Mississauga ON 94 rado vr6, 97 jetta vr6, 95 golf vr(parts car) 92 passat vr6(SOLD),	thanks 🕝
¢ B @	
vasillalov Member	■ Re: (izzo) ≫
VOLKSWAGEN	Quote, originally posted by izzo »
Offline	and just bought the whole cluster from another vortexer to replace that
Member Since 11-4-2003 6052 posts	Yeah, but guess what??!
Bowling Green OH 1999.5 Jetta GL	It will NOT WORK! The mileage is kept at the transmission and NOT at the cluster. If you bought a used cluster, you will NOT be able to adjust the miles. It will show the same miles as what the other guy had on his car
¢7 🖻 🖚	as what the other guy had on his car.
	ALL digital clusters allow you to roll the cluster ONLY ONE TIME and ONLY WHEN IT IS BRAND NEW! That way the cluster shows the correct miles. But it has to be brand new!
	Used clusters cannot be rolled back or forth! 😂
	You can use the cluster for parts but that is about it
	My DIY and Resources Master Thread List: Click Here
	Quote, originally posted by the_q_jet »
	the_q_jet (12:35 PM 11-30-2006): oh might guru of the mk4 2.0 how art thou!?
	Quote, originally posted by dvlax40 »
	wheres vasillalov when i need him $\stackrel{""}{\textcircled{\sc e}}$
izzo Member	■ Re: (vasillalov) »
\bigcirc	Yes, but guess WHAT 🙂
	Mileage is NOT kept in the tranny.
Offline	It is stored in the cluster. Read this: http://forums.vwvortex.com/zer98950
Member Since 3-18-2004	Then, I DO NOT need the clock with the odometer,
5473 posts W Va	i mean I do not need the speedo tach.
94 B3 GLX, 97 GTI, 84 Rabbit GTI, 06 Citroen	As I posted above, I screwed up the gas tank meter, so I need the left-hand clock, which happens to be the
C5 HDI, 00 Audi A4 1.8TQ, 93 Audi B3 TDI	one with the MFA display; and i will actually swap the clock assy only; the LCD screens with the info will not be removed whatsoever.

VWvortex Forums: DIY: Glow Gauges on a B3

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