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Passat - All Other Models



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VWvortex Forums > **Passat - All Other Models** > **Need opinions on chip purchase! [Archived]**

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izzo
Member

Need opinions on chip purchase!

[<<](#) [>>](#) 6:02 PM 12-3-2004

[Reply](#)



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



Holla!

I am doing a CAI [CustomAirIntake] on my Passator this weekend, and wanted to add a little more pepper to it - I wanted to buy a chip for several months now. Already checked by disassembling the ECU, mine is not soldered so install will be simple.

I am running V-Power 93 Shell always, so gasoline requirements for the chip are not an issue.

The car: 1994 B3 VR, sedan, 5 speed.

No significant performance mods except the open-air filter that I am going to put in it; btw I am running shorter accessory belt cause the whole A/C system I deleted. Result: engine runs cooler - more air hits the radiator, and without the condenser for the A/C more fresh cold clean air gets in the engine compartment.

The desire: we all know the fun on the VR engine starts AFTER 3-4k RPMs.

I want a little bit more torque and power in lower RPMs.

I know that the chip/filter combo will not make it 'fly' but still 😊

I am positive it would make a difference.

The choices:

- TechtonicsTunings - Good price and performance, if you call them they can even customize the chip for you.



- NeuSpeed - Quality brand, a little bit expensive, but not many feedback available?!



[- GIAC - Probably the best, but pricey!!](#)



- Any comments?
- Anything else i should know/buy/do?

I am leaning towards the Techtonics, so hit me up with whatever you think guys! Thanks!

Online Poll » Results

Techtonics (42%, 14 votes)



GIAC (39%, 13 votes)



WHATEVER ELSE [plz specify] :) (15%, 5 votes)



Neuspeed (3%, 1 votes)



(33 total votes)

TBT-Syncro
Forum Elder



Offline

Member Since
4-28-2001
10572 posts

pulled over beside an angry
cop b.c.



Re: Need opinions on chip purchase! (izzo) »

« » 10:17 PM 12-3-2004

Reply

they're all going to do very little for you, and most of what they're going to do is above 4500rpm.



Modified by TBT-PassatG60 at 3:52 PM 12-3-2004

WTB- MK4 VR stock cams

Some truth and information about lightweight Batteries.

<http://forums.vwvortex.com/zerothread?id=2353060>

blah blah
Member

Offline

Member Since
6-8-2004
1063 posts

Just north of Toronto
91 Passat 16V SOLD @
460,000 km / 03 Audi A6
Quattro 3.0 / 04 Montana /
06 BMW 530Xi M-Sport



Re: Need opinions on chip purchase! (TBT-PassatG60) »

« » 10:27 PM 12-3-2004

Reply

Quote, originally posted by TBT-PassatG60 »

they're all going to do very little for you, and most of what they're going to do is about 4500rpm.

??? 😞 ??? 😞 ???
??? 😞 😞 😞 ???

Did you mean ABOVE 4500rpm?

MDVDuber
Member

Offline

Member Since

Re: Need opinions on chip purchase! (blah blah) »

« » 10:55 PM 12-3-2004

Reply

I've not tried the GIAC, but I'm sure it's impressive.

11-20-2002
1603 posts

Elkton MD
1997 Passat Wagon - Almost
Shined, 1992 Jetta GL - Fully
Shined, 1982 Rabbit
Convertible - stock



dpike
Member

Offline

Member Since
10-15-2002
200 posts

Boulder CO
93 Pass-It GLX



I have the TT and although it definitely helps, it seems to me that most of the benefit is above 4000RPM or so. Still it was well worth the investment and certainly feels like it smoothed out the power delivery all around.

Re: Need opinions on chip purchase! (MDVDuber) >>

<< >> 1:18 AM 12-4-2004

Reply

I just installed a TT chip in my Passat and results confirm what most say. Tightened up the throttle respose, pulls through the rpm range with a little more oomph. Overall engine "feel" is more "tuned" and happy. How's that for a vague response 😊 Definitely would do it again. Only other mod (other that a ton of fresh OEM parts 😊) is a cone filter.

1993 Pass-It VR6: TT chip, Mobil 1, E-Codes w/relay, Neuspeed springs and Bilstein sport dampers, front strut brace, 17" Flik Arctics in summer, snows-on-stockers in winter, and all that other stuff that's not fun, but has to be done...

izzo

Member



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



Re: Need opinions on chip purchase! (dpike) >>

<< >> 10:15 AM 12-4-2004

Reply

I expected the responses for the Techtonics, frankly. Still curious if anyone will chime in on the Neuspeed. Come on people, post whatever you think of!

[VWbay](#)

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kevinjonesjr

Member



Offline

Member Since
2-13-2004
197 posts

Portland OR
1997 Passat GLX 3.1L VR6 -
Gp39 Diesel Locomotive
316L Turbocharged



Re: Need opinions on chip purchase! (izzo) >>

<< >> 3:56 PM 12-4-2004

Reply

I went through Matrix Integrated for my custom 3.1L chip, they work very closely with TT here in Oregon. Its worked great for me.

<http://www.matrixengineering.cc>

<http://www.ecstuning.com>

A2B4guy

Member



Offline

Member Since
12-18-2002
7481 posts

wasting away in Gaston

Re: Need opinions on chip purchase! (izzo) >>

<< >> 3:57 PM 12-4-2004

Reply

You can get the GIAC for no more than \$125 at several online sources (but at the moment I can't remember them!) compared to \$100 for the TT. These two brands pretty much left Neuspeed in the dust years ago, not many people here would have the Neuspeed chip. What I read from Garrett is that the low and midrange of the VR6 is pretty well mapped at optimum from VW, and that he only found room for improvement in the upper ranges. I doubt you'll find a chip that improves low end pull.

County, NC
95 Psot



.: Jeff

New mk4 and mk5 stuff!

I build custom wiring harnesses for VW's, specializing in performance lighting eurowires dot net

passatb4driver
Member

Re: Need opinions on chip purchase! (izzo) >>

<< >> 5:13 PM 12-4-2004

Reply



Offline

Member Since
3-4-2004
600 posts

Manchester nh
01 gti 1.8t,94 jetta indian red,98 vw jetta k2 04.5 bm gli (sold) 495 W



does techtonics do an ecu exchange program or do any of them cause i think that is the only way i could do it

01 gti revo stage 2, samco inlet hose,k valve,at itailia razze's,lower tie bar,rear lower tie bar,28mm front sway bar,h+r cup kit, jom grille, cc competition stage 4 clutch with 10 lbs flywheel, euro rub strips, depo r32 projectors with hids, 2.5 inch ghl turbo back,00 jetta vr6 steering wheel, euro bumpered and eurojet fmic ,with more mods to come. All brought to you by HBC

izzo
Member

Re: Need opinions on chip purchase! (A2B4guy) >>

<< >> 8:15 PM 12-4-2004

Reply



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



It will be great if you are able to pop a linky for the GIAC at \$125. I browsed giacusa.com and they do not sell directly apparently, there are only links to dealers and quite frankly I could not find anything.

[VWbay](http://www.vwbay.com)

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A2B4guy
Member

Re: Need opinions on chip purchase! (izzo) >>

<< >> 4:20 AM 12-5-2004

Reply



Offline

Member Since
12-18-2002
7481 posts

wasting away in Gaston County, NC
95 Psot



<http://forums.vwvortex.com/zerothread?id=558230>

<http://forums.vwvortex.com/zerothread?id=1698793> & <http://www.4induktion.com/giac.html>

<http://www.srsvw.com/parts/garrett/>

In all cases make sure that they have OBD1 chips and that is is for your ecu part #.

.: Jeff

New mk4 and mk5 stuff!

I build custom wiring harnesses for VW's, specializing in performance lighting eurowires dot net

izzo
Member

Re: Need opinions on chip purchase! (A2B4guy) >>

<< >> 7:38 AM 12-5-2004

Reply



Awesome, thanks for the links. Apparently GIAC can be bought for around \$130. However... on two different websites, particularly for the obd! [93-95] VR

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



they show different gains - one gives 12hp the other 8hp!
Do they just 'inflat' the hp gains or we talking different chips here?

Also, anyone has an idea what is the gain from a Techtonics chip?

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izzo

Member



Re: Need opinions on chip purchase! (izzo) [»](#)

[«](#) [»](#) 8:11 AM 12-5-2004

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Offline

Member Since
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5473 posts

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



BTW - I was just checking the number on my ECU for reference,
and noticed that my chip was made by TexasInstruments!
Astonishing 😊 West Germany car with an American chip 🌐

[VWbay](#)

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Soontobemechanic [»](#)

Member



[«](#) [»](#) 3:39 PM 12-5-2004

[Reply](#)

Offline

Member Since
9-14-2004
30 posts

Candia NH



well where else is america going to sell their goods. They can't over in america, because
everything is sold for cheaper by foreign companies. Anyways back to this chip thing.
What exactly does the chip do for the car after 4000rpms? What kinda mods can you do
to the car with this chip? I am a curious newbie in this area.

SleepyTT

Member



Re: Need opinions on chip purchase! (izzo) [»](#)

[«](#) [»](#) 5:05 PM 12-5-2004

[Reply](#)

Offline

Member Since
7-14-2003
3777 posts

NJ



Dont waste your cash on the NoSpeed chip. Go TT or GIAC.

..

L33TX43RT

Member



Re: Need opinions on chip purchase! (SleepyTT) [»](#)

[«](#) [»](#) 9:41 PM 12-5-2004

[Reply](#)

Offline

Member Since
10-22-2002
2562 posts

I'm disappointed that no one has mentioned the Autotech Q-chip. I have one in my '96
GLX, and I'm thrilled. I heard a lot of mixed feedback, about the GIAC chip - some have
ran well, and some have caused a lot of 'pinging', on the high-end. As for Autotech, I
haven't seen any problems reported, within VW Vortex.

Living it up in FL
'03 Jetta 1.8T



- Michael

izzo
Member

Re: Need opinions on chip purchase! (L33TX43RT) >>

<< >> 3:58 AM 12-6-2004

Reply



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



Quote, originally posted by L33TX43RT »

I'm disappointed that no one has mentioned the Autotech Q-chip. I have one in my '96 GLX, and I'm thrilled. I heard a lot of mixed feedback, about the GIAC chip - some have ran well, and some have caused a lot of 'pinging', on the high-end. As for Autotech, I haven't seen any problems reported, within VW Vortex.

Thanks for your input... That is why I included "Other" in the poll.
HOWEVER... I read this:

<http://www.gti-vr6.net/library....html>

#

Quote, originally posted by izzo »

However... on two different websites, particularly for the obd! [93-95] VR they show different gains - one gives 12hp the other 8hp!
Do they just 'inflat' the hp gains or we talking different chips here?

Still looking for answers 🤔

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A2B4guy
Member

Re: Need opinions on chip purchase! (L33TX43RT) >>

<< >> 4:30 AM 12-6-2004

Reply



Offline

Member Since
12-18-2002
7481 posts

wasting away in Gaston
County, NC
95 Pspot



Quote, originally posted by L33TX43RT »

I heard a lot of mixed feedback, about the GIAC chip - some have ran well, and some have caused a lot of 'pinging', on the high-end.

I am one that has complained about pinging. Most of it went away when I installed my grounding kit. Now I am convinced that much of it was due to weak spark or poor signals to the ecu due to poor ground at the cylinder head. The head is the ground for your spark as well as your ecu, however the head itself is very indirectly connected to ground through oily head bolts to the block and then through bolts to the tranny, which is well grounded. Running a direct ground wire to the head was I believe the most important part of the kit.

Quote, originally posted by izzo »

However... on two different websites, particularly for the obd! [93-95] VR they show different gains - one gives 12hp the other 8hp!
Do they just 'inflat' the hp gains or we talking different chips here?

I don't know why that is. Maybe it differs by ecu revision or between regular chip and the chip for cams, or maybe the numbers are before and after a remapping of the software at some point in time. But it is a nice improvement that makes the car more enjoyable to drive in daily driving.

Quote, originally posted by izzo »

Also, anyone has an idea what is the gain from a Techtonics chip?

about 8-12 hp

..: Jeff

New mk4 and mk5 stuff!

I build custom wiring harnesses for VW's, specializing in performance lighting eurowires dot net

izzo
Member



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



Re: Need opinions on chip purchase! (A2B4guy) >>

<< >> 4:36 AM 12-6-2004

Reply



Allrighty then...

To summarize a bit,
the Techtonics and Garrett give similar performance,
that varies by car and whatever else, in the 8-12 HPs range...
However the GIAC tends to have more quality feedback...
Do they do custom settings also, if you call them,
or the chip is pretty standard?

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SleepyTT
Member



Offline

Member Since
7-14-2003
3777 posts

NJ



Re: Need opinions on chip purchase! (izzo) >>

<< >> 6:10 PM 12-6-2004

Reply

Pretty standard but they have profiles for nitrous, bigger cams, etc. I dont really know how many there are.

Other hand TT will make you a chip for larger injectors for FI and the same all motor stuff GIAC can.

..

izzo
Member



Offline

Member Since
3-18-2004
5473 posts

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



Re: Need opinions on chip purchase! (SleepyTT) >>

<< >> 6:25 PM 12-6-2004

Reply



Nope, I do not have and 'major' performance mods like cams or injectors or whatever else...

The VR delivers enough power for me, I just want to see some difference with the chip and air filter.

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izzo
Member



Offline

Member Since
3-18-2004
5473 posts

Re: Need opinions on chip purchase! (izzo) >>

<< >> 7:57 PM 12-6-2004

Reply



Okay, I think [almost positive!] that I will go with the Garrett chip. Still don't know why here:

<http://www.4induktion.com/giac.html#vw>

they say it gives +12 HP for the 92-94 VR, probably because it is specified for Corrado, but I think it is the same thing cause Corrado and Passat in those years share the same engine. May be the difference comes

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HDI, 00 Audi A4 1.8TQ, 93
Audi B3 TDI



from the fact that the Corrado is not as heavy as the Passat...dunno!

The other buying place is:
http://www.srsvw.com/parts/par...**pro

It is exactly specified for the Passat, same years, VR engine, +8 HPs.

Same price both places, so I just need to spend the money.... 🚗

Thanks A2B4guy for the links!

Modified by izzo at 1:59 PM 12-6-2004

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mikeG60
Member



Offline

Member Since
6-1-2003
1965 posts

NJ
1989 BMW 325iS, MK1 GTI



2:47 AM 12-7-2004

Reply

GIAC - awe-tuning.com

[kompressorkanada.ca](#) | [Old Skool Industries](#) | [r3vlimited.com](#)

izzo
Member



Offline

Member Since
3-18-2004
5473 posts

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Rabbit GTI, 06 Citroen C5
HDI, 00 Audi A4 1.8TQ, 93
Audi B3 TDI



Re: (mikeG60)

8:01 AM 12-7-2004

Reply

Same price - \$130...
However their shopping cart gave me an error at checkout
for some reason.

Well, I will be probably ordering in a day or two... 🙌

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izzo

Re: (izzo)

6:01 PM 12-7-2004

Reply

I am thinking, does anyone have a dyno chart
or anything that would best show the difference
between stock and chipped ECU?
VR6 12v if possible, thank you 😊

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Member



Offline

Member Since
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HDI, 00 Audi A4 1.8TQ, 93
Audi B3 TDI



MDVDuber
Member

Re: (izzo) >>

<< >> 6:31 PM 12-7-2004

Reply

Offline

Member Since
11-20-2002
1603 posts

Elkton MD
1997 Passat Wagon - Almost
Shined, 1992 Jetta GL - Fully
Shined, 1982 Rabbit
Convertible - stock



Techtonics has one comparing a Corrado with and without their chip

<http://techtonicstuning.com/>

Just select "Dyno Tests" from the menu at the left.

izzo
Member

Re: (MDVDuber) >>

<< >> 7:24 PM 12-7-2004

Reply



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



I saw that one. It clearly shows that the difference starts after 3500k, and the difference is noticeable.

However! I just got off the phone with Shine Racing Service and my chip should be here by Friday, so i can put that and the air filter altogether in the weekend 🍀

I am excited and can't wait to see what the results will be. As I said, I know this won't make the Passator a beast, but still I am eager to see the difference!

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izzo
Member

Re: (izzo) >>

<< >> 3:43 PM 12-10-2004

Reply



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

GOT IT.
The guy from Shine [<http://www.srsvw.com/>] was very helpful. Shipping was only \$7 from MA to me, and came in 2 days! It will be probably Sunday before I put it in, because will have to drive with some friends to D.C. on Saturday, and it will take me a while to put the "CAI" in along with the chip.

I have a question though:
How do I put that thingie on the motherboard!?!?!?!?!?!
There is a notch on one end, but which end should go where!?!? 🤔



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MDVDuber
Member

Re: (izzo) [»](#)

[«](#) [»](#) 3:54 PM 12-10-2004

[Reply](#)

Offline

Member Since
11-20-2002
1603 posts

edit: Opps, that set of instructions was pretty useless...

Essentially that notch matches the notch on your stock chip, you just have to note the stock orientation of the notch and install the new chip the same way. Are you sure GIAC/Shine didn't send instructions with the chip....

Modified by MDVDuber at 9:55 AM 12-10-2004

Elkton MD
1997 Passat Wagon - Almost Shined, 1992 Jetta GL - Fully Shined, 1982 Rabbit Convertible - stock



izzo
Member

Re: (MDVDuber) [»](#)

[«](#) [»](#) 4:10 PM 12-10-2004

[Reply](#)



Offline

Member Since
3-18-2004
5473 posts

Nope, I got the box in front of me, no instructions whatsoever...
But I will figure it out!

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



Passizzateur
Member

Re: (izzo) [»](#)

[«](#) [»](#) 9:58 AM 12-11-2004

[Reply](#)

Offline

Member Since
9-30-2004
227 posts

I'd be curious to hear about your impressions of that new chip! I actually just bought the affectionately dubbed "Nospeed" chip from a dude on the vortex- haven't installed it yet but figured I couldn't go wrong for 60 bucks. I was aware the nuespeed tuning is less aggressive than most others so we'll see if it does jack...

Las Vegas NV
94' B3 GLX 5spd



Passizzateur

Re: (Passizzateur) [»](#)

[«](#) [»](#) 9:59 AM 12-11-2004

[Reply](#)

Also for some reason I was thinking the Corrado they've tested alot of those chips on was tubocarged?



Member



Offline

Member Since
9-30-2004
227 posts

Las Vegas NV
94' B3 GLX 5spd



izzo
Member

Re: (Passizzateur) >>

<< >> 2:47 PM 12-11-2004

Reply



Offline

Member Since
3-18-2004
5473 posts

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

Don't know for the turbo on the Corrado, but I will post for sure tomorrow after I put the chip in. I am leaving for D.C. right now. I was looking at a Neuspeed chip on eBay that went with reserved price the last few days and no winning bid...
Are we talking the same one 😊
It was for sale by a Vortexer...

[VWbay](#)

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izzo
Member

Re: (izzo) >>

<< >> 9:14 AM 12-14-2004

Reply



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

Allright guys.
It all went smooth. No hard time at all,
the GIAC fitted perfectly and no CEL whatsoever, knock on wood! 👍

Now, I cannot tell the difference, cause I drove to the movie theater only and was doing 40 mph cause it was snowing as h3ll here 😞
Could not speed the Passator at all!!!@* &% ^@(#&)&
However I have more throat and better response for sure from the air filter I put in...



That I can tell for sure.
 Still ahead to test the Passator on long and fast drive .
 Props to Shine, the guys sent me the chip in 3 days!

Modified by izzo at 2:47 AM 4-26-2006

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izzo
Member



Offline

Member Since
3-18-2004
5473 posts

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Rabbit GTI, 06 Citroen C5
HDI, 00 Audi A4 1.8TQ, 93
Audi B3 TDI



Re: Need opinions on chip purchase! (izzo) [»](#)

[«](#) [»](#) 3:08 PM 12-27-2004 [Reply](#)



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