



Website Update

If you've been to our website you may have noticed that it hasn't evolved much over the last few months. That's about to change!

Since we released the current version of the website, we've received some feedback that the process of putting items in the shopping cart and checking out can be a bit cumbersome. We're concerned that, if we're getting this kind of feedback, there may be others who have experienced similar issues but haven't mentioned it to us.

In March we acquired new shopping cart software that will greatly improve your shopping experience. We've been working hard on getting the new shopping cart software installed and working with the other features currently on our site, such as our project gallery and frequently asked questions.

Once the new website is ready, there will be a number of new features that will make the site more convenient. For example, you'll be able to set up an account for yourself and be able to save your address and other information, so that each time you make a purchase you won't have to re-enter the same information. You'll also be able to see what the shipping charges are earlier in the process and will be able to see what the cost is for various options such as UPS ground, 2nd day or overnight. US Postal Service will be added as a delivery option in the not-too-distant future. In general, the whole checkout process will be more intuitive.

Finally, it will make maintenance of the catalog easier for us, which means that we can get more of our products out there more quickly. We're even working on a "configurator" option for our Tuned Port Injection conversion kits that will allow you to customize a kit to your application online.

Changes will begin to happen in the coming weeks and, once our new shopping cart is online, we'll be adding products and features on a regular basis. Check back from time to time to see what's new!

Supercharge it!

We've been installing superchargers lately at Arizona TPI! The new Magnuson Magnacharger supercharger kits are available for many of the late model GM vehicles such as the Chevy SSR, Trailblazer, Tahoe, and Silverado, the Cadillac Escalade and CTS-V, the Pontiac GTO and the Hummer H2 and H3. These come in natural or polished finish and they look great!



Magnacharger for '04 5.3L SSR

So what does a supercharger do and why would I want one on my vehicle? A supercharger is a powerful air pump that is driven by a belt from the vehicles engine. Unlike most engines where air is pulled into the cylinders by the action of the pistons, an engine with a supercharger has the air forced into the cylinders under pressure. Depending on the supercharger and engine combination the air enters the cylinders at pressures of 6 to 10 PSI and sometimes more.

So what's the benefit of forcing extra air into the engine? When the air is forced in under pressure, a lot more of it can enter the engine; which means more fuel can flow into the engine also. The primary benefit of this extra air and fuel is, of course, more power. It's not uncommon to see an additional 75 to 100 extra horsepower and sometimes more, depending on the configuration!

The great thing about superchargers is that they don't change the driving characteristics of the engine under normal conditions but provide gobs of extra power when you press your foot to the floor. And they won't

hurt your fuel mileage unless you take advantage of that extra horsepower! Of course, once you get the feel of all that extra horsepower you'll want to use it!

But is a supercharger reliable? Some are more so than others. The Magnacharger uses the same pump mechanism, made by Eaton, used on hundreds of thousands of production vehicles. And the Magnacharger uses something called an intercooler that cools the air entering the engine. This does two things: first, it causes the engine to make more power and it also helps to prevent pre-ignition which can be a real problem with non-intercooled supercharged engines. So yes, the Magnacharger is very reliable!

We can set your vehicle up with one of these great Magnuson units. Call us to find out more!

What Do You Want?

Last June we sent out our first newsletter. This being May and the 12th monthly newsletter, we've now completed a whole year!

Our idea has been to provide useful tech information and keep you up-to-date on the goings-on at our shop. We also like to make you aware of new and interesting products.

If you have ideas for an article that would be useful to you, let us know! We're always looking for ideas and we'd rather write about something that will help you rather than writing about whatever is on our minds when it's time to write the newsletter.

If you have ideas that you'd like to pass along to us, you can go to our website (www.arizonatpi.com). Go to the bottom of the page and click the feedback link and you'll get a page where you can enter your ideas and then click submit. We'll receive your suggestions and it's anonymous. Also, feel free to call the shop and pass along your ideas.

As we continue writing this newsletter on a monthly basis we want to make sure it suits your needs!