

## **MPG MOTOR MOUNT / HEADER KIT INSTALLATION INSTRUCTIONS**

**Please read and understand all instructions before starting the installation. Installing the Motor Mounts:**

1. Install rubber mounts to the engine block (bolts provided).
2. Install steel mounts to the vehicle frame. The long 3/8" mounting bolts need to install from the firewall forward so that the 3/8" flange nuts are facing forward, toward the radiator. Tighten bolts very tight.
3. Carefully lower the engine into the vehicle. Headers are not attached to the heads yet.
4. Install the long 7/16" bolt through the mounts and tighten.

### **Installing the Custom 2" Headers**

It is very important to follow the header tube sequence for successful installation. We recommend chasing the header bolt threads in the heads before starting the job.

Locate #6 exhaust port (2nd port from the front on the driver's side). This is where you will begin your installation. Notice that each exhaust port has 2 header bolt holes, a front and a rear. Also note that the header flanges are slotted. The trick is to install the rear header bolt by hand several turns first. Then from the bottom of the car, feed the tube up and "hook" it onto the rear bolt. Then install the front bolt and tighten both.

### **Driver's Side**

1. Put header gasket on the head and install #6 and #8 rear header bolts by hand several turns. This holds the gasket in place while you are putting the tubes into position.
2. Carefully feed #6 header tube from under the car up to the port. Hook back and install the front bolt. Tighten both with a wrench very tight.
3. Locate #7 exhaust port and repeat the process.
4. Locate #8 exhaust port and repeat the process, but do not tighten header bolts yet.
5. Install #5 tube but do not tighten header bolts yet.
6. Slide the correct header collector onto the end of the tubes. Push until 5/16" bolt tabs line up. Install bolts and tighten nuts.
7. Now go back up top and tighten #5 and #8 header tubes very tight.

### **Passenger's Side**

Repeat the sequence outlined above but on the passenger's side of the vehicle.

Start with the #2 tube. Be sure to tighten the bolts of #2 and #3. Leave #4 and #1 somewhat loose while installing the collector.

### **Quick Tips**

#2 and #3 tubes may need to be fed from the bottom at the same time because at the collector #2 is on top of #3. This can be confusing but easy to solve once you're expecting it.

After firing the engine, retighten the header bolts periodically. It is hard to tighten #2 and #6 header bolts after the other tubes are installed. This is why it is important to tighten them well when they are first installed.