

Thank you for choosing a CGS Intake System™ to add power to your vehicle. These instructions will take you through the installation of your new air intake system for your vehicle. We always recommend that you keep your stock air intake system in storage in case you might need it later.

*Kit includes:* air filter, air intake tube, bracket, billet mass air sensor adapter, gasket, 4 bolts, 4 nuts, 4 hose clamps, 2 red connecting hoses, 2 breather hoses, 2 aluminum bungs and 2 rubber grommets.

*Tools required:* 10mm socket wrench and 5/8" nut driver.

### **1) Removing stock air intake system**

Remove the engine cover (fig.1).

Remove bolts connecting the mass air sensor and the airbox (fig.2).

Remove sensor plug (fig.3).

Disconnect intake tube from mass air sensor (fig.4).

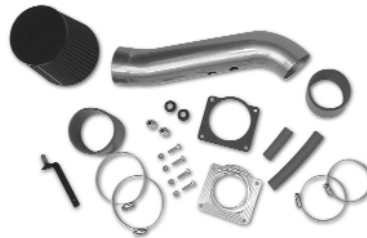
Disconnect intake tube from throttle body (fig.5). Before pulling intake tube out, remove the 2 breather hoses connected to it. Then, pull up on air box and intake tube to remove.

### **2) Installing your new intake tube**

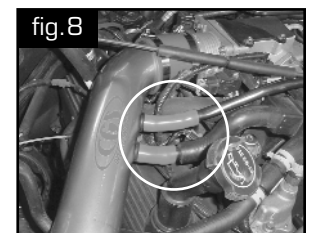
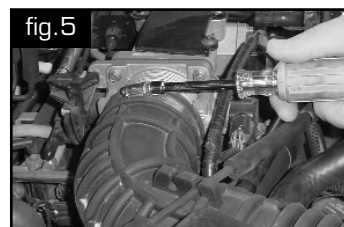
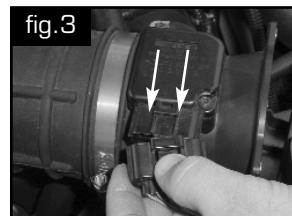
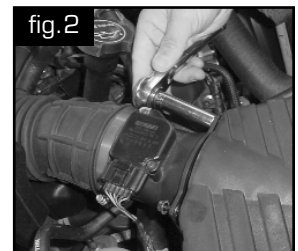
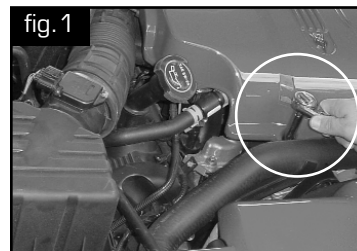
Stretch the red connecting hose over throttle body outlet and affix hose clamp over it (fig.6). Do not tighten yet.

Slide another hose clamp over connecting hose. Insert your new intake tube into connecting hose about 1" (fig.7).

Connect the your 2 new red breather hoses (fig.8).



**DO NOT call the retailer in which you purchased your CGS Intake System™.**



# 2002/03 Explorer V8 4.6L

## CGS Air Intake Installation Instructions Part # 20164

### **3) Preparing the air filter**

Attach your new air filter to the billet mass air sensor adapter with the gasket in between using the 4 provided bolts and nuts (fig.9). Do not completely tighten these bolts yet.

### **4) Installing the bracket**

Place threaded end of bracket into the rubber grommet on fender well (fig.10).

Slide the other red connecting hose onto the open end of the intake tube and attach with a hose clamp (fig.11). Attach the mass air sensor adapter and filter to the connecting hose with the last hose clamp. **DO NOT TIGHTEN YET!** You may need to twist the filter to line up with the bracket on the fender (fig.11a). Use the bottom corner bolt of adapter to secure bracket.

Re-connect mass air sensor plug (fig.12).

Tighten all screws and hose clamps.

Congratulations! You just installed more horsepower to your vehicle by allowing it to breathe easier with a CGS Intake System™.

Slowly close the hood to verify fitment and clearance. Once completed, check your work and then enjoy. Your vehicle will take approximately 100 miles to become accustomed to the new air intake system. Every 5,000 to 10,000 miles, take the filter off and tap out the accumulated dust and dirt. At least twice a year or more, use a cleaning kit to clean the filter properly and re-oil it. These filters are cleanable and reusable and should not be thrown away when dirty.

