

Thank you for choosing a CGS Intake System™ to power 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, 2 hose clamps, and red connecting hose.

*Tools required:* 8mm wrench, 10mm wrench and 5/16" nut driver.

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

Loosen stock hose clamp between air filter box and box over throttle body (fig.1). Once loosened, the air filter box and intake accordion tube should lift straight out.

### **2) Preparing the throttle body**

(fig.2) With a 10mm wrench, remove the bolt that attaches the box over the throttle body on the left (2A), then remove the bolt that attaches the box on the right (2B).

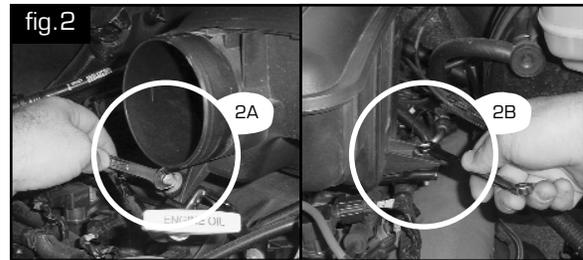
Next, take your 5/16" nut driver and remove the hose clamp behind the box (fig.3).

Before removing box, be sure to disconnect the small breather hose behind the box (fig.4).

### **3) Installing your new air intake tube**

Prepare your new air intake tube by sliding the red connecting hose (on the breather hose side of the tube) about 1 1/2" and fasten with hose clamp (fig.5).

Slide the other hose clamp onto the connecting hose and connect tube to throttle body with the tube facing towards the passenger side of the truck (fig.6). Fasten that hose clamp to the throttle body and re-connect breather hose.



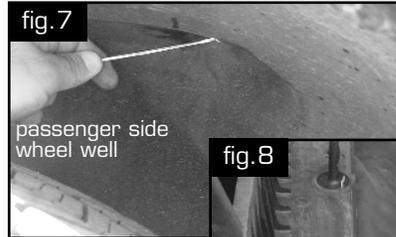
# 2002 Dodge Ram 4.7L

## CGS Air Intake Installation Instructions (cont'd) Part # 20123

### **4) Installing the support bracket onto the fender**

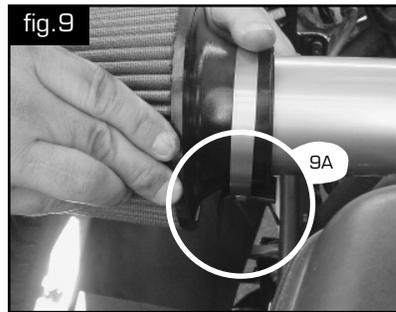
From inside the passenger side front wheel well, you will see two bolts that attach into the back of the stock filter box support through the wheel well. Unscrew the front one (fig.7).

Go back under the hood, slide bracket between air box support and fender. Replace bolt back in wheel well while lining it up through the bracket (fig.8).



### **5) Installing the filter**

Loosen the hose clamp that is on the air filter base, then place the filter on the end of the intake tube (fig.9). Put the bracket between the clamp and the filter base (9A). See picture for exact fitment. Push air conditioning (A/C) tube down and to the left for clearance of the intake tube (fig.10).



Tighten all screws. Congratulations! You just installed more horsepower to your truck 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.

