



// high performance breathing //

## 99-02 Chevy/GM 4.8, 5.3, 6.0L

### CGS Air Intake Installation Instructions

Part # 20154

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:* filter, air intake tube, bracket, red connecting hose, black connecting hose and 2 hose clamps.

*Tools required:* flathead screwdriver and 10mm wrench.

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

Loosen the hose clamp connecting the throttle body and stock air intake (fig.1).

Carefully disconnect the mass air sensor.

Once the connection is removed, the mass air sensor can be completely removed from the stock intake tube system.

Next, remove the mass air sensor from the stock air box (fig.2). Place this entire unit carefully aside as it can be easily damaged from rough handling.

To remove the stock air box, simply pull straight up, the stock air intake tube comes out next.

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

Connect black connecting hose to the larger side of your new intake tube.

This end will attach to the throttle body and hold the new air intake on snug.

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

Place red connecting hose on the mass air sensor end (not throttle body end) of the new intake tube (fig.4). Then attach the mass air sensor to the end of the connecting hose using the provided hose clamps. (The connecting hose is made very snug, so you may need to stretch it. Make sure to check the air flow direction as indicated on the mass air sensor.)



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



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## CGS Air Intake Installation Instructions *(cont'd)* Part # 20154

The new air intake tube is now attached to the throttle body using the stock hose connector. This is left snug, but loose enough for some slight adjustment as you attach the remainder of the system.

### 4) Installing the support bracket

With the air intake tube attached, you need to attach the support bracket using one of the bolts in the base of the air box tray (fig.5). This is a 10mm bolt that is then inserted through the hole on the base of the bracket. The top part of the bracket is crooked to slide under the hose clamp holding the mass air sensor to the air tube.

At this point, you insert the support bracket between the hose clamp and the mass air sensor connecting hose and tightened down. This keeps the filter system up while allowing for engine movement.

### 5) Installing the air filter

With all of the tubing connected, it is time for the filter. A 3 3/4" base diameter filter is used for this system, assuring enough flow for this close to stock motor (fig.6).

With the entire system attached and all of the clamps tightened down, you can attach the MAS connector again and secure it in place.

Once completed, check all the clamps and tighten up the throttle body hose clamp. Slowly close the hood to verify fitment and clearance. That's it, a simple install with a lot of results. 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.

