



// high performance breathing //

## 98-03 S-10/S-15 2.2L w/AC

### CGS Air Intake Installation Instructions

### Part # 20156

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, 2 air intake tubes, 4 hose clamps, 2 rubber grommets, 5/8" red breather hose, 2 red connecting hoses, aluminum bung, bolt and washer.

*Tools required:* 5/16 nut driver, 9/16 nut driver, 10mm wrench and pliers.

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

Loosen the hose clamp connecting the stock air box and intake tube (fig.1). Remove other bolt holding the air box (fig.2). Remove the air box by pulling straight up.

Carefully disconnect the O<sub>2</sub> sensor (fig.3).

Loosen the hose clamp on the stock intake tube at the throttle body box (fig.4).

Loosen lower clamp at other end (fig.5). Once the three connecting points are removed the lift piece straight up to take it out (fig.6).

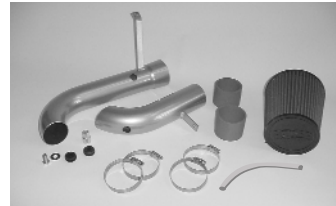
Under that you will find a lower air box. Remove it by pulling straight up (fig.7).

Remove the bolt at the top of the throttle body box (fig.8). Remove the other bolt at the top of throttle body box (fig.9).

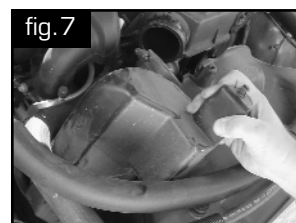
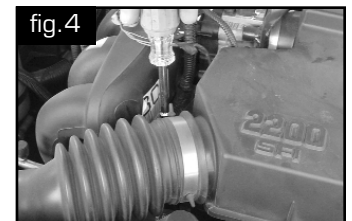
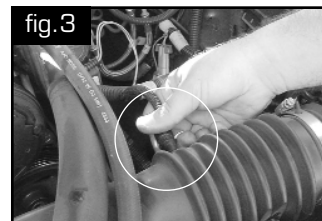
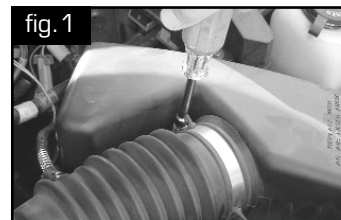
Slide the breather hose off from the back of the throttle body and remove throttle body box.

By now you should have removed a lot of plastic. Fig.10 shows your engine without the stock intake.

Grab a lemonade and get ready to prepare your new air intake system.



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



# 98-03 S-10/S-15 2.2L 4cyl. w/Air Conditioning

## CGS Air Intake Installation Instructions (cont'd) Part # 20156

### 2) Preparing and installing air intake tubes

Insert rubber grommet and aluminum bung into the small intake tube (fig.11).

Slide a red connecting hose to the small intake tube about 1 inch and attach with a hose clamp (fig.12).

Attach the small intake tube to throttle body with hose clamp (fig.13). Then attach it to the A/C pump at the bracket with provided bolt and washer (fig.14).

Use pliers to open clamp on rear breather hose and remove (fig.15). Replace with the 5/8" red CGS breather hose and connect to the aluminum bung on tube (fig.16).

Attach red connecting hose to large tube with hose clamp (fig.17).

Remove front bolt from fan shroud on driver side (fig.18).

Attach the large tube to the small tube at the connecting hose. Be sure to slide hose clamp over small tube first, then tighten (fig.19).

Re-attach bolt from fan shroud through the bracket on large intake tube (fig.20).

### 3) Installing the air filter

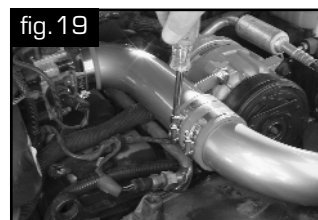
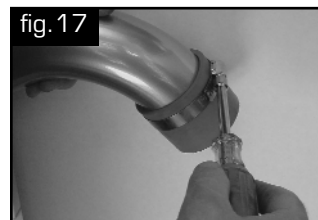
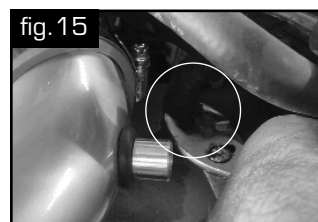
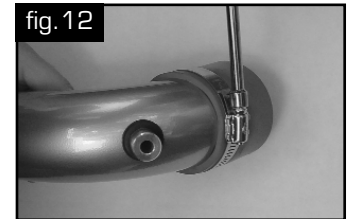
Loosen clamp on air filter and slide onto end of intake tube about 1 inch (fig.21).

Re-attach the O<sub>2</sub> sensor by securing it into place near the air filter on the intake tube (fig.22).

Make sure all clamps and bolts are tightened securely. Slowly close the hood to verify fitment and clearance.

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.

If there is a C.A.R.B. EO Exemption sticker enclosed, place it in a visible area under the hood for reference by officials from the State of California.



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