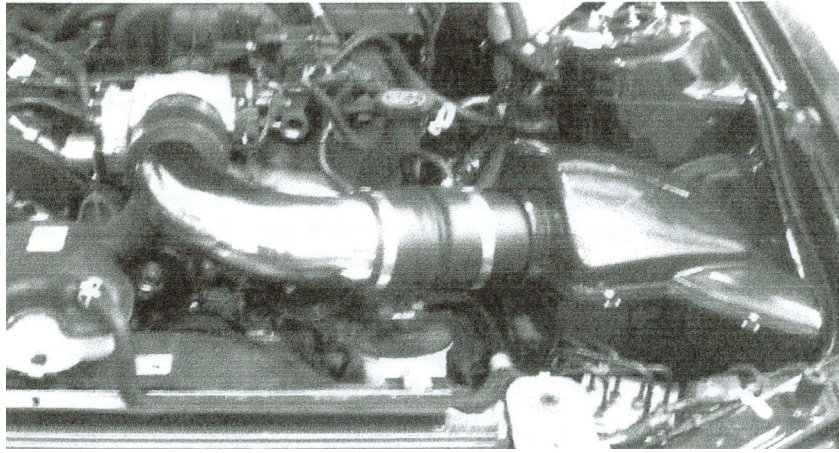




PLEASE READ BEFORE INSTALLING

2005-07 V6 Cold Air Intake Instructions



Kit Contents:

- (1) Cold Air Box
- (1) T304 Stainless Steel Intake Tube
- (1) Mass Air Flow Sensor Housing
- (1) Throttle Body Boot
- (1) Mass Air Flow Sensor Boot
- (1) PCV Connection Assembly (Nylon Connector, Hose)
- (2) Black Tie Straps
- (4) Stainless Steel Worm Gear Clamps
- (1) Power Steering Reservoir Offset Bracket with 3/8" plate hardware
- (1) Filter

Installation:

1. Disconnect the vehicle battery.
2. Disconnect the mass airflow sensor wiring from the mass airflow sensor and remove the stock air box from the vehicle. Keep the bolt that fastens the stock air box to the fender for later use.
3. Remove the rubber grommets from the posts on the base of the stock air box and re-insert them into the fender.
4. Remove the stock intake tube from the vehicle.
5. Remove the stock hard-line PCV connection from the driver side valve cover.
6. Unbolt the mass airflow electronics from the stock air box by removing the two torx fasteners. Keep the fasteners for later use.
7. Fasten the mass airflow electronics to the mass airflow sensor housing included with your cold air intake. Use the two torx fasteners that secured the electronics to the stock air box.
8. Install the Power Steering Reservoir Offset Bracket.
 - Unbolt the Power Steering Reservoir from the fan shroud and save the fastener for later use.
 - Use the hardware provided with the bracket to fasten the Power Steering Reservoir to the offset bracket. The Power Steering Reservoir should be “clamped” between the bolt head and the offset bracket.
 - Use the stock fastener that you removed from the fan shroud to fasten the offset bracket to the fan shroud in the old location that the Power Steering Reservoir was previously fastened.
9. Remove the cold air box cover. The fasteners used to hold the cover in place only require a ¼ of a turn. Do not force them more than ¼ turn.
10. Install the cold air box assembly into the vehicle.
 - The bottom of the cold air box has two stubs on it which rest on the rubber grommets you removed in Step 3.
 - Place the cold air box stubs into the rubber grommets and attach the cold air box base to the inner fender using the fastener you removed in Step 2.
11. Install the stainless steel intake tube and mass airflow sensor assembly into the vehicle.

IMPORTANT! – The screw hosing on the worm gear clamp must remain on the bottom of the throttle body boot. Moving it to the top of the throttle body boot may cause it to snag the hood silencer under excessive engine rock conditions.

- Place the throttle body boot on the throttle body. Insure that the PCV nylon fitting on the throttle body boot is pointing at 3 o'clock to insure proper PCV hose routing. Tighten the clamp that secures the boot to the throttle body. Do not tighten any other clamps at this time.
 - Insert the mass airflow sensor assembly from Step 7 into the end of the mass airflow sensor boot.
 - Rest the mass airflow assembly into the channel on the cold air box and rotate the mass airflow sensor assembly so that the electronic connector is facing rearward in the vehicle (i.e. the same as the stock orientation).
 - Position the mass airflow sensor assembly so that the electronic mounting boss on the mass airflow sensor assembly is as close as possible (approx. 1/16”) to the flange on the cold air box. This step is necessary to insure adequate filter travel during excessive engine rock.
 - Tighten the remaining clamps on the air intake tube.
12. Connect the mass airflow sensor wiring.
 13. Route the PCV connection hose behind the mass airflow sensor wiring takeout (i.e. the wiring takeout must be in the front of the PCV hose to insure the routing path of the PCV hose is away from the power steering pump pulley) Connect the Positive Crankcase ventilation (PCV) hose to the passenger side valve cover. Use the tie straps to secure the PCV hose routing.
 14. Install the filter. Be sure that the filter is securely fastened to the mass airflow sensor assembly with the clamp supplied with the filter.
 15. Install the cold air box cover.
 16. Reconnect the battery. **ENJOY!!**