

Cold Air Induction System

Part #1847,18470



Special Tools

Required:

- No special tools required

Install Time:

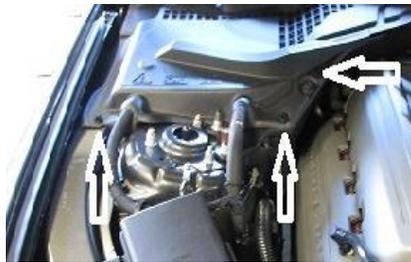
Approximately
30 minutes

Difficulty:

1 out of 5

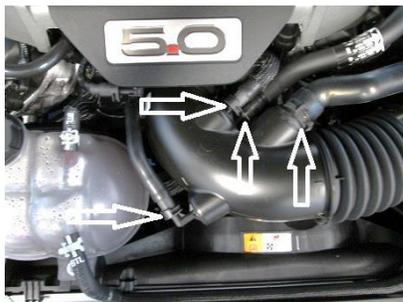
Follow these instructions carefully to ensure correct fitment and operation

STEP 1



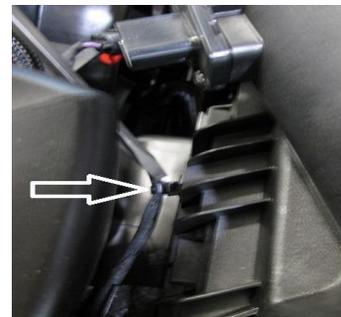
- Remove the 3 screw pins that hold the battery cover to the body lift up the battery cover and disconnect the negative battery terminal. Remove the engine cover by pulling it upward releasing it from its rubber grommets.

STEP 2



- Disconnect the 3 breather hoses and the sound hose from the inlet tube. Loosen the clamps on the inlet tube at the throttle body and the air box, remove the inlet tube from the vehicle.

STEP 3



- Unplug the Mass Air Sensor. Detach the Mass Air Sensor wire harness from the side of the air box by slightly pulling on the harness on the barbed mounting pin.

STEP 4



- Remove the 10mm bolt on the right side of the air box that mounts it to the inner fender. Detach the air box from the lower inlet tube on the side of the radiator as you remove the air box. By pulling upwards and towards the firewall.



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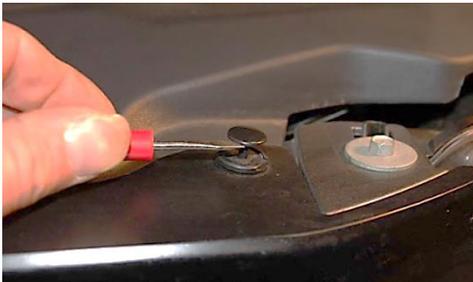
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STEP 5



- Remove the plastic radiator cover by prying up the center of the plastic pin heads at the slots cut on each side pull all the pins out and set the cover to the side.

STEP 6



- Install the supplied small trim into the hole that the BBK cold air tube will run thru cut off any access. Install the supplied spongy trim to the top of the Air Filter Shield and cut off any excess trim.

STEP 7



- Remove the 2 10mm bolts from the driver side radiator mount and remove the mount by pulling it upwards from the vehicle. Install the BBK Air Filter Shield into place by setting it straight down onto the radiator mount peg. Install the stock bolt thru the air shield and bolt it back into the small tab on the inner fender. Reinstall the upper radiator mount and tighten the 2 bolts.

STEP 8



- Remove the Mass air sensor from the stock air box and install it into the BBK Cold Air Tube using the supplied hardware. (The sensor will only go in one way) Install the angled BBK coupler with the vacuum port in it onto the throttle body. Install the supplied vacuum adapter onto the hose and insert it into the hole on the side of the BBK coupler.

Revised 2/25/2013



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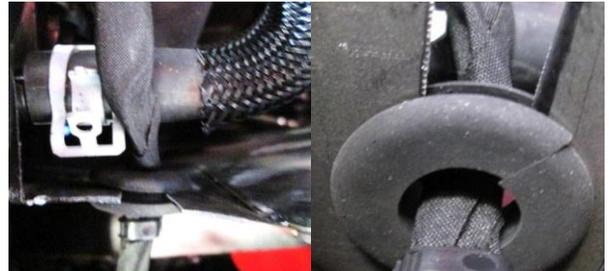


STEP 9



- Install the BBK coupler and supplied clamps onto the BBK air filter, install the BBK Air Filter thru the hole in the air shield. Connect the sound tube and the 2 vacuum hoses on the driver side of the engine to the vacuum tree adapter that is supplied in the kit, using the supplied hose and clamps attach the adapter to the BBK Inlet tube, slide the inlet tube into the coupler on the throttle body. Next slide the air filter onto the inlet tube, once you have it in position tighten down all the clamps.

STEP 10



- Pull back the spongy trim on the air shield. Take the rubber grommet supplied in the kit and cut a slit into it so that it can be opened up and slid over the wiring harness for the mass air flow sensor. Once it is placed on the wiring harness slide the grommet and wiring harness down the cut out on the air shield until it is in place, push the spongy trim back onto the air shield.

STEP 11

- Re-install the engine cover and the radiator cover. Reconnect the negative battery terminal. Place the battery cover back onto the battery and reinstall the 3 screw pins.

!! Please follow the ECU Relearn procedure before driving on the road!!



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Because your vehicle's engine is electronically controlled by a computer, some control conditions are maintained by power from the battery. When the battery is disconnected or a new battery is installed, the engine must relearn its idle and fuel trim strategy for optimum drive-ability and performance. To begin this process:

- 1.) **With the vehicle at a complete stop, set the parking brake.**
 - 2.) **Put the gearshift in P (Park) (automatic transmission) or the neutral position (manual transmission), turn off all accessories and start the engine.**
 - 3.) **Run the engine until it reaches normal operating temperature. Approximately 4-5 minutes.**
 - 4.) **Allow the engine to idle for at least one minute.**
 - 5.) **Turn the A/C on and allow the engine to idle for at least one minute.**
 - 6.) **Drive the vehicle to complete the relearning process.**
- **The vehicle may need to be driven 10 miles or more to relearn the idle and fuel trim strategy.**
 - **If you do not allow the engine to relearn its idle trim, the idle quality of your vehicle may be adversely affected until the idle trim is eventually relearned.**



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