

C&L Upper Intake Plenum (96-04 GT):

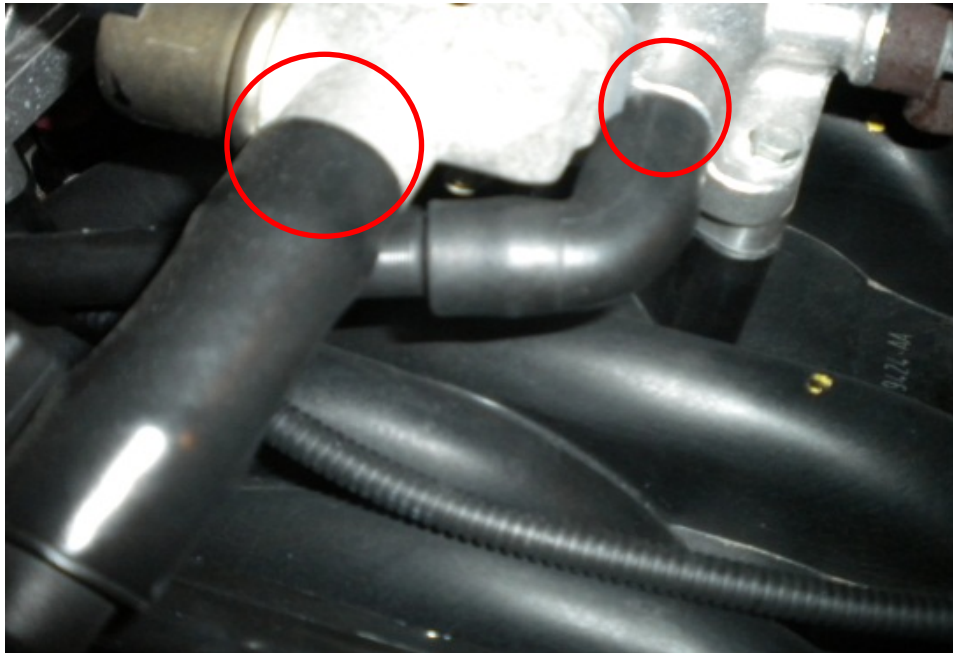
Tools Needed:

- Flat-Head Screwdriver
- 10mm Socket
- 5/16" Socket
- 1/4" or 3/8" Ratchet
- 2" Ratchet Extension

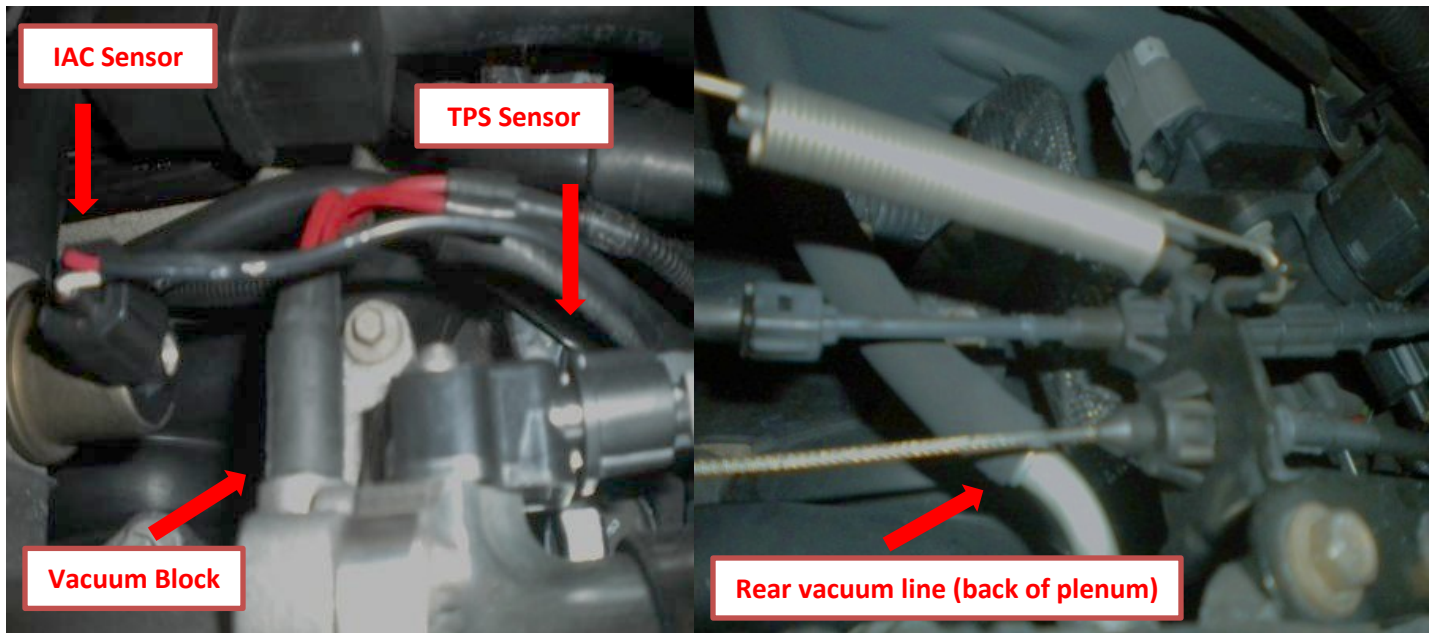
Time Required: Approximately 1 hour

Installation Instructions:

1. Open and secure hood. Then remove negative battery cable from battery using 5/16" socket and set away from the battery terminal.
2. Remove rubber intake fitting from the throttle body using the flat-head screwdriver to loosen fitting from throttle body. This may be difficult as the rubber fitting may be very tight on the throttle body. Work off the rubber fitting by using a back and forth twisting motion.
3. Remove the (2) vacuum lines (the IAC and the PCV hoses located on the front of the plenum) that are connected to factory intake plenum and set them aside.

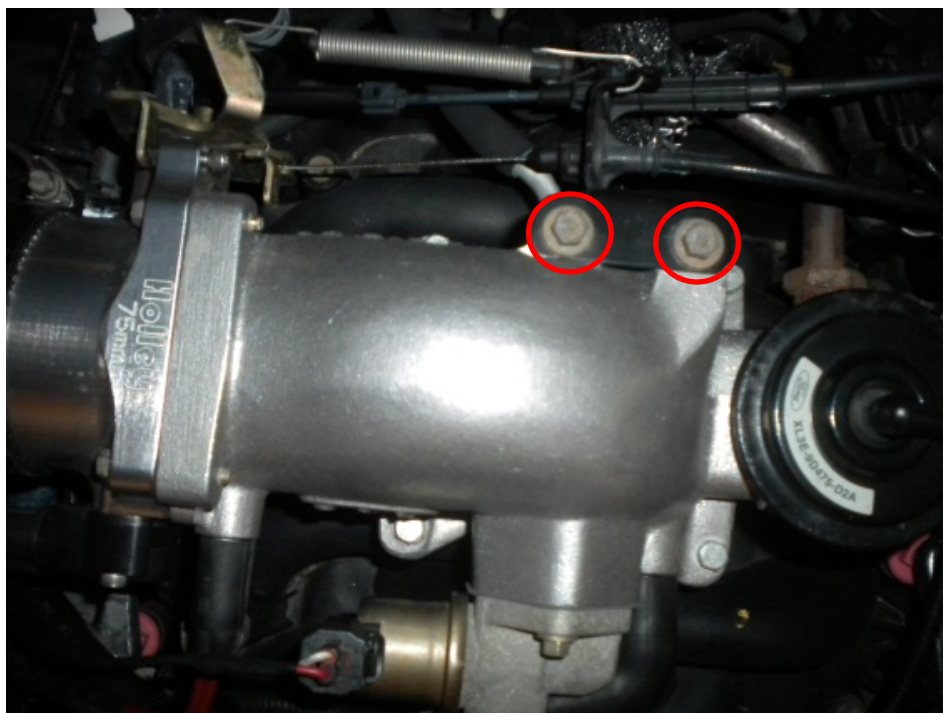


4. Remove vacuum block from plenum (located on the left side on the front of the plenum). Remove the TPS sensor connection and IAC sensor connection at this point. Also, remove the rear vacuum line located on the bottom right side of the back of the plenum. Set the connectors and vacuum line to the side and out of the way for now.

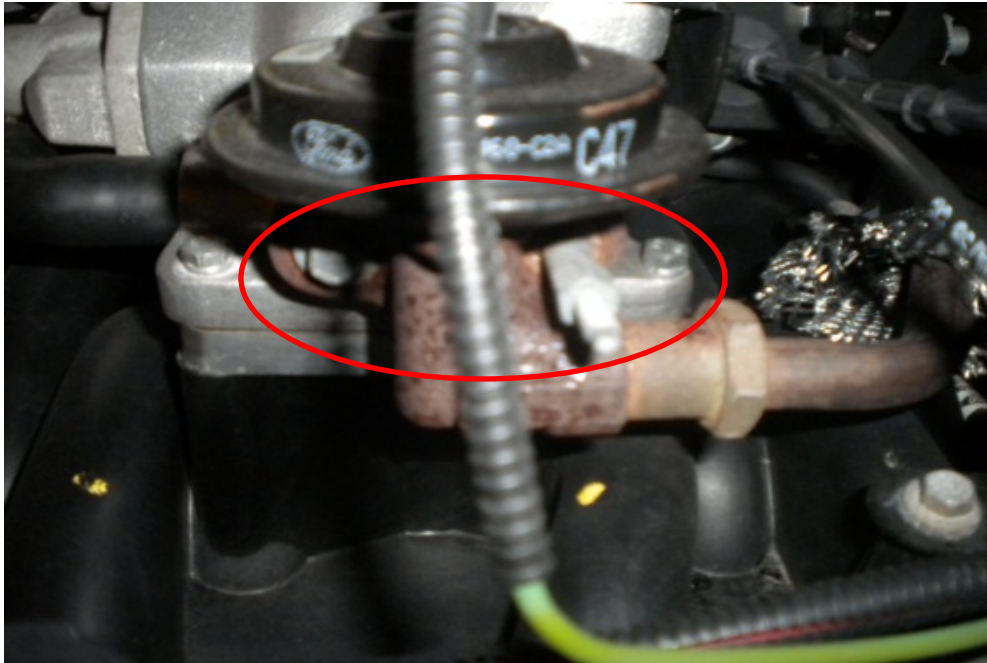


5. Remove throttle position spring, cruise-control harness, and throttle cable from throttle body located on the back side of the throttle body, closest to the firewall.
 - A. The throttle cable may be tricky as it curls up and under the guide on the throttle body. Pushing the throttle forward slightly will give some slack on the cable, making it easier to pop out its metal end.
 - B. The cruise-control harness is removed by simply pulling upwards on the fitting connected to the throttle body. It is usually very tight so it may take a little force.
6. Remove the (4) 5/16" bolts that hold the throttle body to the plenum and save the gasket.
7. Remove the (2) 10mm bolts that hold the throttle cable bracket to the intake plenum.

***Please note:** The photo below shows the bracket attached to the C&L upper intake plenum for reference. Stock bracket would be in the same location.



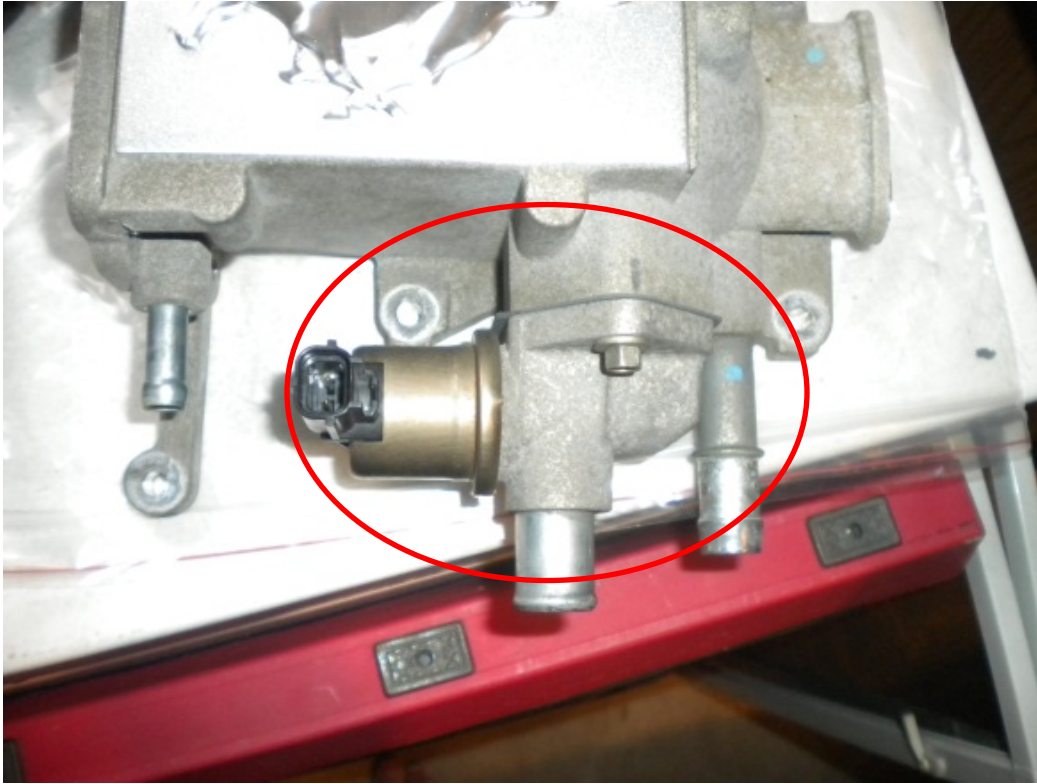
8. Remove the (2) 10mm bolts connecting the EGR valve to factory intake plenum.



9. Remove the (5) 5/16" bolts connecting the factory upper intake plenum to the intake manifold.
10. Remove plenum from engine area.
11. On the C&L plenum, place the provided small rubber tube on the PCV vacuum line fitting.



12. Remove the IAC valve from the factory intake plenum with gasket using 5/16" socket and transfer to the C&L upper intake plenum.



13. Attach C&L plenum to intake manifold reusing the (5) 5/16" factory bolts.
14. Reconnect the EGR valve reusing the (2) 10mm bolts and factory gasket.
15. Connect the throttle body to intake plenum with the (4) 5/16" factory bolts.
16. Bolt the throttle cable bracket to the C&L intake plenum reusing the (2) 10mm factory bolts.
17. Reconnect the throttle cable to the throttle body and reconnect the throttle body tension spring and cruise control.
18. Reconnect IAC, PCV, rear vacuum line and vacuum block connection to C&L plenum.
19. Reconnect IAC sensor connection and TPS sensor connection.
20. Reconnect the rubber intake fitting to throttle body and tighten down using flat-head screwdriver.

21. Test the throttle body connections by tilting the shutter.



22. Reconnect negative battery terminal by using 5/16" socket.

23. **Last but not least, hop in your Mustang and take it for a ride!!**

Installation Instructions written by AmericanMuscle customer John Collmann 10.20.11