

# Buick PowerLogger Installation Guide

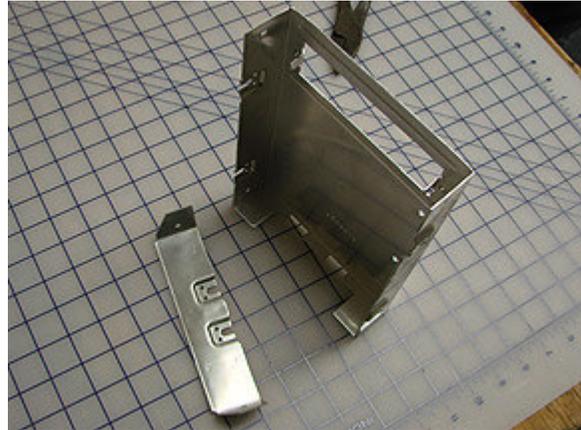
## Included Items:

PowerLogger  
USB cable (PowerLogger to PC)  
Analog Connection Unit  
Analog Connection Unit Cable  
CD Rom

## Tools Required:

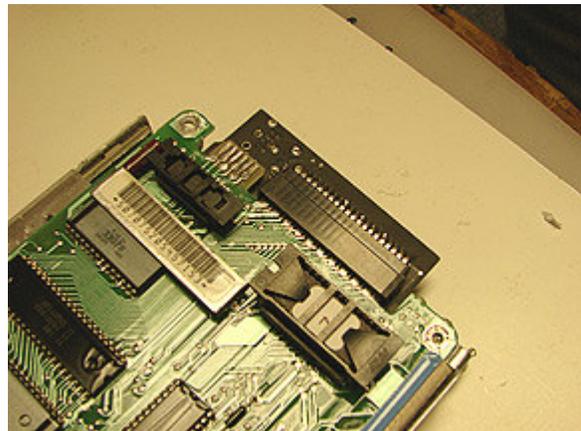
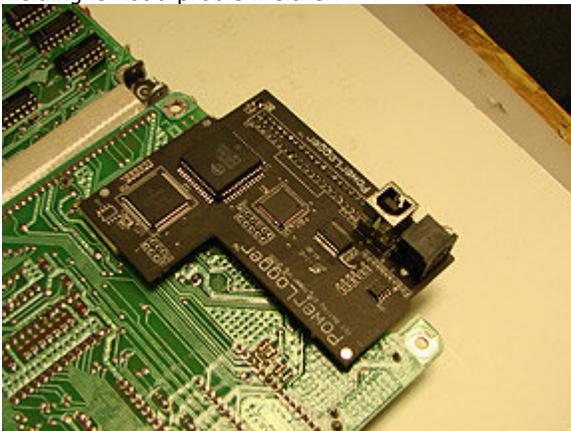
¼" Nut Driver  
Pliers  
Electrical Tape  
Dremel or cutting tool  
"Goof Off" or similar adhesive remover

- 1) Remove the ECU from the car (it is in the passenger side kick panel).
- 2) Using ¼" nut driver, remove the 4 screws on the sides of the ECU as well as the 4 on the chip side and chip cover. Separate the two halves of the ECU shell.
- 3) The bottom end of the ECM top-shell needs to be broken off. If you quickly bend it back and forth using pliers a couple times it should break cleanly. A strip of electrical tape would be a good idea across the rough edge on the ECM bottom-shell.



- 4) CAREFULLY remove the two circuit boards from the shells. No tools should be needed for this, pull it out by hand. Once the circuit boards are out, separate them by removing the screws holding them together. The PCB connector has a coating that should be cleaned with "Goof Off" which can be bought at most any hardware store usually in the paint aisle. Place a folded paper towel under the edge connector, and dribble some goof-off on the top of the edge connector. In about a minute, the coating will melt and can be scraped/wiped off (use a dull knife, small screwdriver or soft plastic putty knife). DO NOT DAMAGE THE FOIL ON THE CONNECTOR! Doing this a couple times on the top and bottom results in a very clean connector.

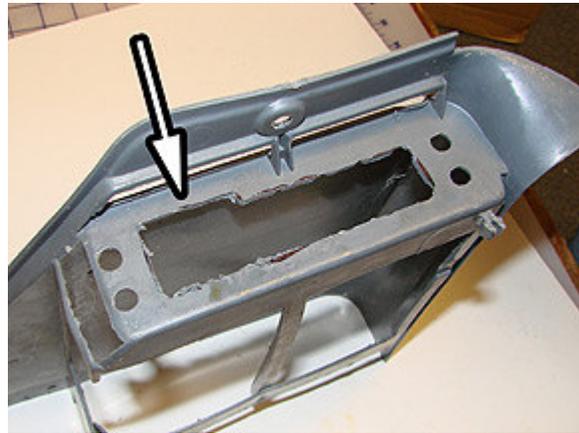
- 5) Install the PowerLogger by putting it on to the clean edge connector. The PowerLogger DOES NOT have the DS problem of the connector "being pushed on too far", "Fully engaged" is how the unit is designed to be installed. Shielding is not a problem either.



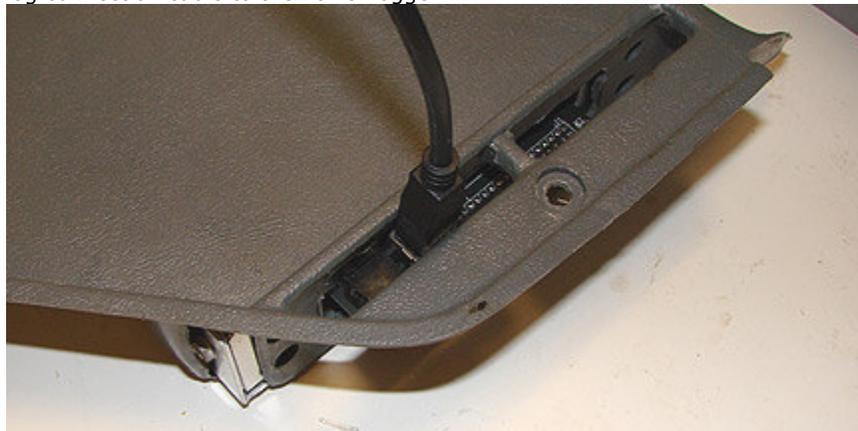
6) Place a strip of electrical tape around the opening that the PowerLogger will stick out of, and then reassemble.



7) Modify the plastic ECU holder from the kick panel by "connecting the dots" as shown the picture below on the left, and then making an additional cut as indicated with the arrow below on the right. A razor knife or Dremel tool will make this pretty easy, it does not have to be perfect as it is not visible once assembled.



8) Plug in the analog connection cable to the PowerLogger.



9) Reinstall ECU in kick panel, you should be able to plug in the USB cable through the vent slot.

10) Find a convenient spot to mount the analog connection unit and route the cable there so it can be plugged into the PowerLogger. Two faced tape has been applied for easy mounting.

**For additional technical support, please visit <http://www.fullthrottletech.com>**