

2003-2004 LB7 High Idle/Valet Switch

*GM 6.6L Duramax
(111002000)*

Installation Guide



DISCLAIMER OF LIABILITY

Performance products can increase horsepower above and beyond factory specifications. Additional horsepower creates more stress on the drive-train components, which could result in drive-train failure.

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LIMITATION OF WARRANTY

The Seller gives Limited Warranty as to description, quality, merchantability, and fitness for a particular purpose, productiveness, or any other matter of Seller's product sold herewith. The Seller shall not be responsible for the products proper use and service and the Buyer hereby waives all rights other than those expressly written herein. This warranty shall not be extended, altered or varied except by a written instrument signed by Seller and Buyer.

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STEP 1

Turn the ignition “two clicks” forward to the ON position WITHOUT STARTING THE VEHICLE.

Put the truck into low gear. This allows removal of the outer front panel of the dash. The outer front panel of the dash is clipped into place and simply pulls out. Be careful not to apply too much force.

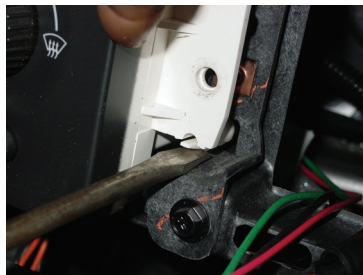
STEP 2

Remove the screw on the left and right hand side of the HVAC unit. With these screws removed, pull out the factory panel on the right (High Idle Switch, Duramaximizer and Tech IV are shown in this installation but are not included).



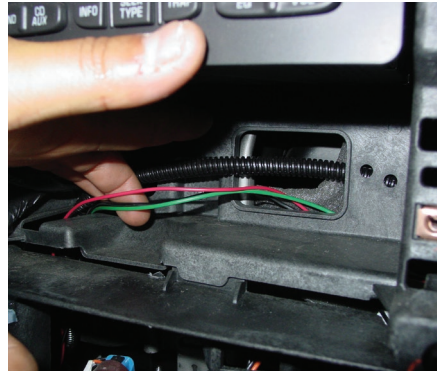
STEP 3

With the factory panel taken out, remove the HVAC unit. To remove, use a small flat-head screwdriver and apply a small amount of pressure while pulling on the unit.



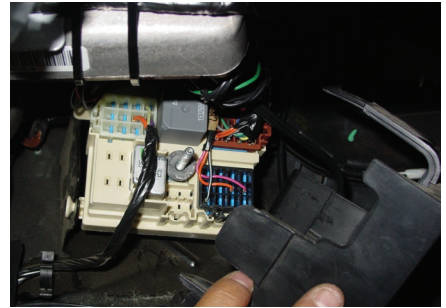
STEP 4

The High Idle switch contains two wires. One is a red wire with a pigtail connector and one is separate. Run these wires behind the dash and over to the left front floorboard. The red pigtail wire assembly plugs into the box located on the front left floorboard. The blue wire will be routed to the computer.



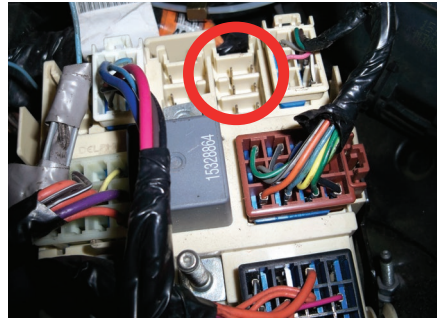
STEP 5

Twist off the black plastic speed nut. Pull back the top to reveal an accessory panel. Plug in the pigtail with the red wire. The plug is on the top.



STEP 6

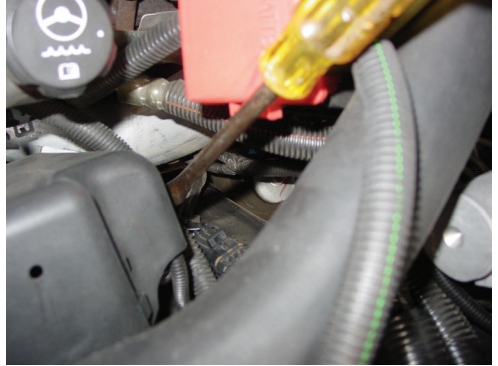
Plug in the six-pin female to the left available socket location (socket circled in red) just to the right of the stud. Note this is only for 2003 to 2004 vehicle models.



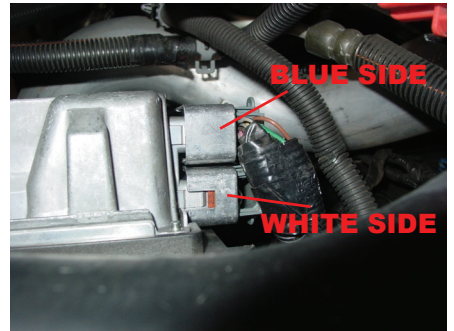
STEP 7

Feed the blue wire through the firewall. The image depicts it fed through the upper left hand side of the vehicle and through the black wiring loom. Feed this wire all of the way to the computer, which is located below the upper radiator hose.



**STEP 8**

Access the computer terminals. Locate terminal # 71. Disconnect the black plastic cover from the computer. Loosen clips located in the front and in the back.

**STEP 9**

With the clips disconnected, pull up on the cover and access the computer. Use a socket to pull off the Blue wiring harness. The harness on the left is the white one, which you will not need. Unscrew the nut on the right hand side to release the blue wiring assembly.

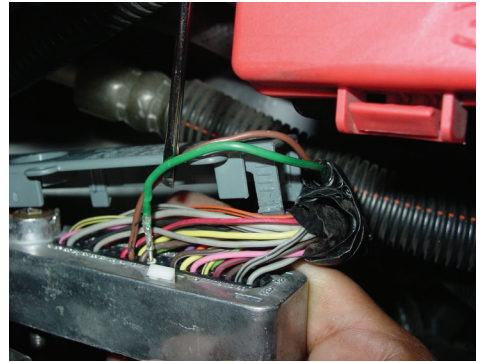
STEP 10

Open the back of the connector by squeezing the sides with your fingers and pulling it apart.



STEP 11

Insert the blue or green wire from the High Idle switch into the #71 location.



STEP 12

Installation complete.
Reassemble by reversing the process.

Operation:

With the truck in park the PPE High Idle switch to on.

Next turn on the cruise control.

The cruise control, speed up or slow down buttons will now control the engine's idle state.





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