

2004.5-05 LLY High Idle/Valet Switch

*GM 6.6L Duramax
(111002200)*

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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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).



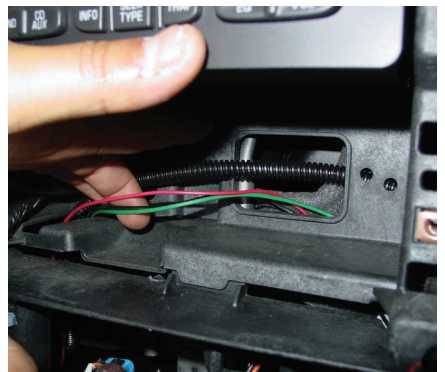
STEP 3

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.



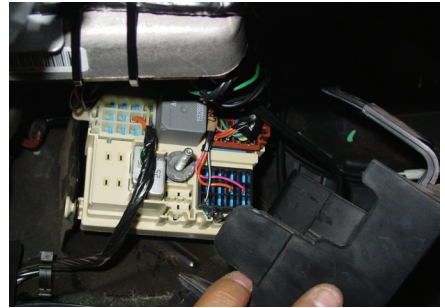
STEP 4

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.



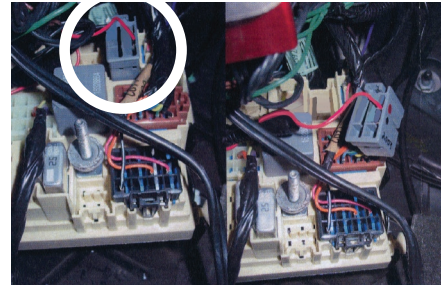
STEP 5

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 top available socket location (socket circled in white) just to the right of the stud. Note this is only for 2004.5 to 2005 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 to the computer, located below the upper radiator hose.



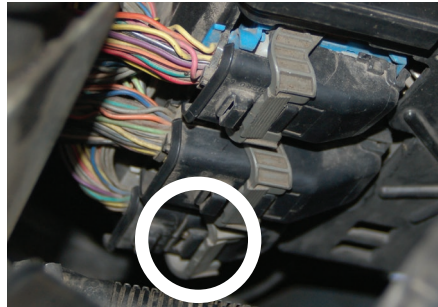
STEP 8

Locate the computer.



STEP 9

The grey connector is at the bottom, shown here with a white circle.



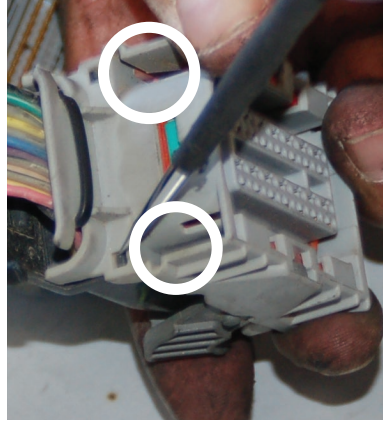
STEP 10

To disconnect the grey connector push the black clip and pull the grey clip to the front.



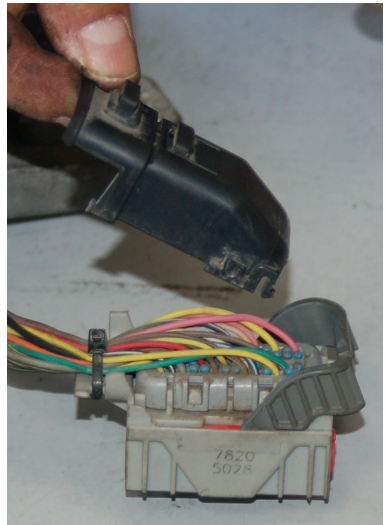
STEP 11

Push the two clips at the sides, shown with white circles.



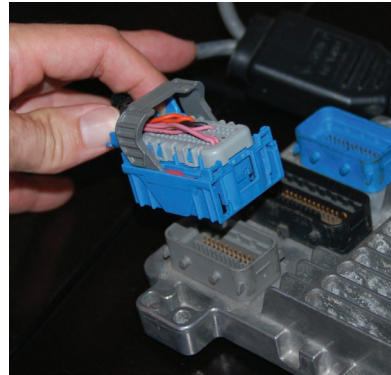
STEP 12

The black cover is now free to be removed.

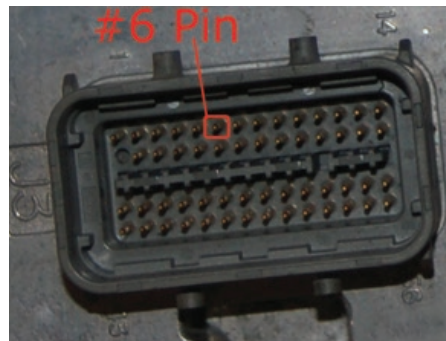
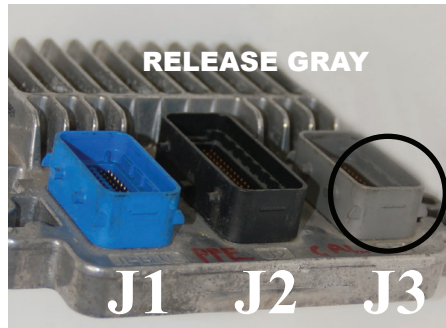


STEP 13

Open the back of the connector.
Squeeze the sides with your fingers
to pull it apart.

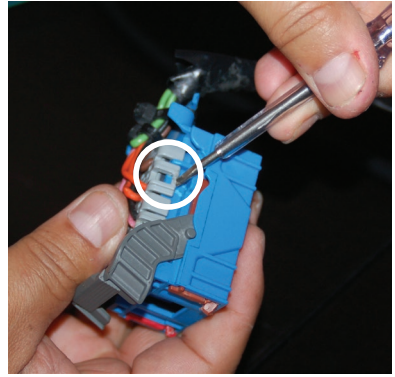


*These pictures show the location
of the grey connector and pin #6.*

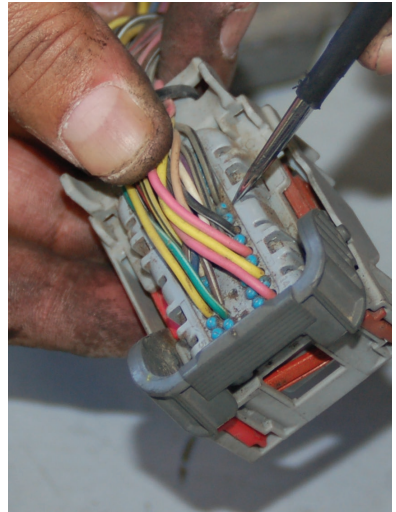


STEP 14

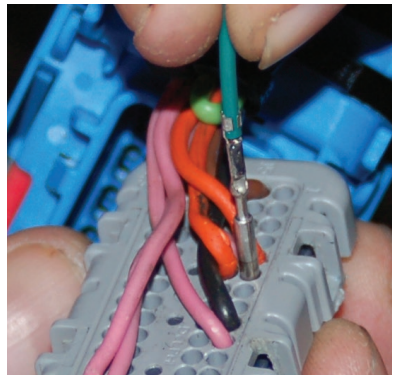
Remove 4 clips in the grey cover at the corners, shown in the white circle.

**STEP 15**

Fully insert pin into the J3 terminal, #6 pin.

**STEP 16**

Insert the green wire from the High Idle switch into the #6 location. Carefully twist the pin into place until the pin is flush.



STEP 17

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.





5011 Brooks St. Montclair CA 91763

*PPEdiesel.com
sales@ppediesel.com
Phone: (714) 985-4825*