2001-2002 LB7
High Idle/Valet Switch

GM 6.6L Duramax
(111001800)

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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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. The red wire pigtail is plugged in here. This plug is the High Idle.

STEP 6
Plug the six-pin female to the left available socket location (circled in red).

NOTE: this step is only for 2001 to 2002 vehicle models.

STEP 7
Connect the blue wire. Route this through the firewall. The image shows it fed through the upper left-hand side of the vehicle then fed through the black wiring loom. Route this wire to the computer, located right below the upper radiator hose.
**STEP 8**
Access terminal # 71. Remove the black plastic cover from the computer. Loosen clips. There is one in the front and one in the back.

**STEP 9**
With the clips removed, pull up on the cover and access the computer. Use a socket to remove 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. Unplug connector by squeezing the sides of the connector to disconnect.
STEP 11
Push in the white tab on both sides to remove the blue connector, so that the pin can be inserted fully into the #71 terminal.

STEP 12
Insert the blue or green wire from the High Idle switch into the #71 location.

STEP 13
Installation is now complete. Reassemble by reversing the disassembly process.

Operation:

With the truck in PARK, turn ON the PPE High Idle switch.

Next turn ON the cruise control.

The cruise control’s speed up and slow down buttons (+) (-) will now control the engine’s idle state.