

2006-2010 DURAMAX DIGITAL SWITCH - GDP412001

Installation Guide

Read the complete guide before beginning. Keep removed hardware organized, follow all safety precautions, and verify all connections before operating the vehicle.



Disclaimer

By installing this product onto your vehicle, you assume all risk and liability associated with its use. , LLC. is not responsible for misuse of its products. By installing this , LLC. of any and all liability associated with its use.

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Caution

Never work on a hot vehicle. Serious injury in the form of burns can result if the vehicle has been in use. Allow vehicle to cool prior to installation. Always wear eye protection when working on or under any vehicle.

2006-2010 6.6L Duramax DIGITAL switch



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A. C. B.

E.

D.

D. USB Cable B. Ford Fuel Temp Sensor Plug E. Digital Switch Harness C. Flex Lume

Brown(dimming)*Optional*

ANY 12V Hot Wire W/ Ignition On

?

VEHICLE

SWITCH

Blue(high-idle) *Ford ONLY*

Purple(high-idle) *Ford ONLY*

Connector 1 (Larger plug), pin 46 (Next to GREY wire for LBZ, TAN wire for LMM)

Orange(SOTF)

STEP 1

Step 2 Locate ECM plug Remove the larger plug



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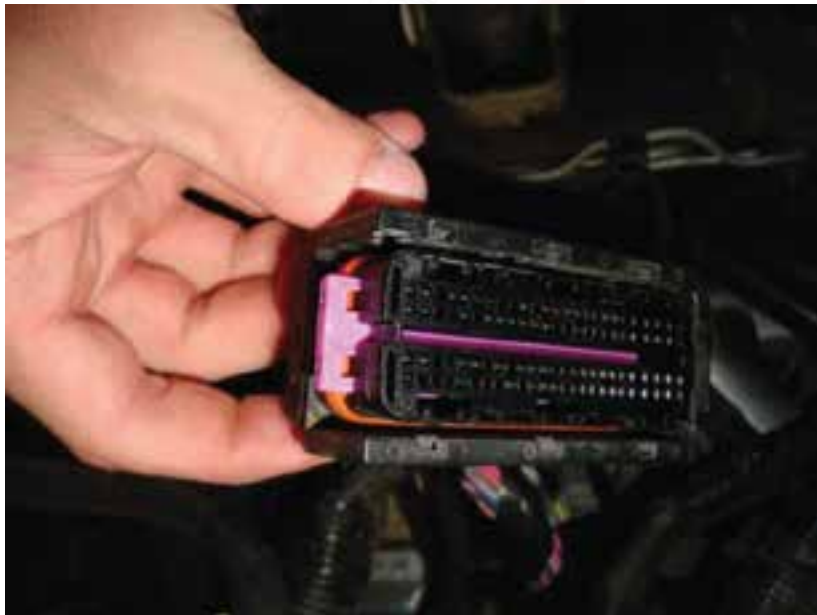


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STEP 3

Step 4 Remove purple locking clip Do not lose

Remove top cover



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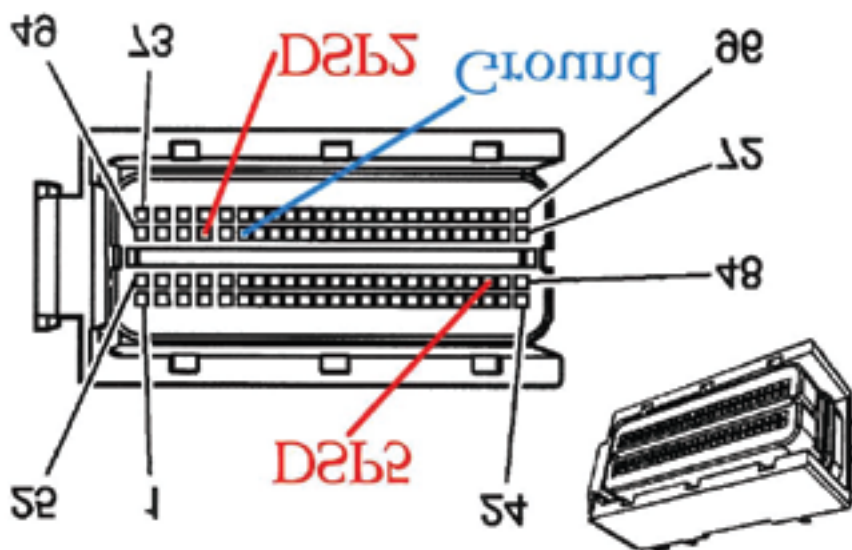
STEP 5

Step 6 Insert ORANGE wire into pin 46 Reverse procedures when finished

Pin-out reference (Viewed looking at connector face)



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Troubleshooting: To troubleshoot your switch, you will need a voltmeter.

STEP 1

Set your switch to position 1.

STEP 2

Turn key to the run position. (engine off or on)

STEP 3

Level 1 4.5 Level 2 3.5 Level 3 2.5 Level 4 1.5 Level 5 0.5 High Idle 5.0

Test the Switch on the fly wire (Orange Wire). These numbers may vary within their specific levels. (i.e. 4.0-4.9 in Position 1) The voltage you should be seeing is:

STEP 4

If the readings do not match, please check your connections and pins to make sure they are not bent or broken. As well as, there is no debris stopping the pins from being inserted completely.

STEP 5

If the issue persists please call our tech support line for more help. 877-223-5018