

2006-2010 LBZ-LMM SOTF ROTARY SWITCH

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

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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 LBZ/LMM Duramax Rotary switch

A.

D. E.

B.

C.

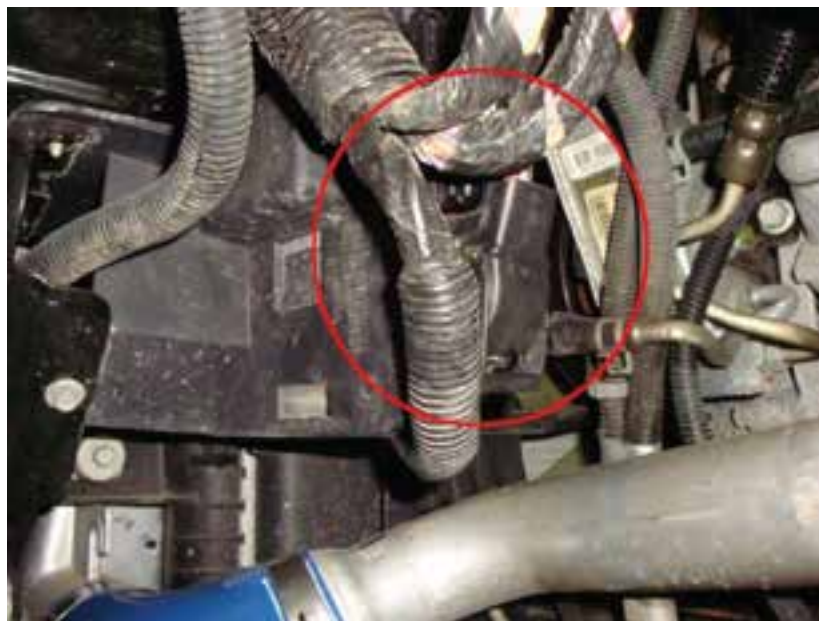
A. Loomed electrical wires D. Switch knob B. Dial stickers E. Allen Wrench C. Switch control board

STEP 1

Locate ECM plug Step 2 Remove the larger plug



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STEP 3

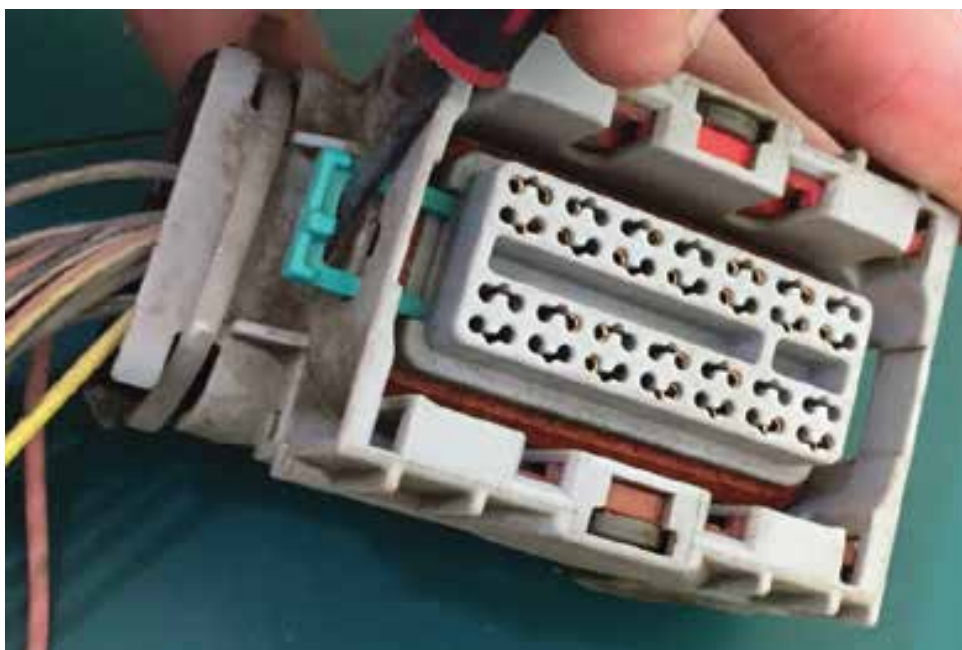
Remove purple locking clip Do not lose

STEP 4

Remove top cover



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STEP 5

Insert new pins/wires Reverse procedures when finished

STEP 6

Pin-out reference (Viewed looking at connector face)



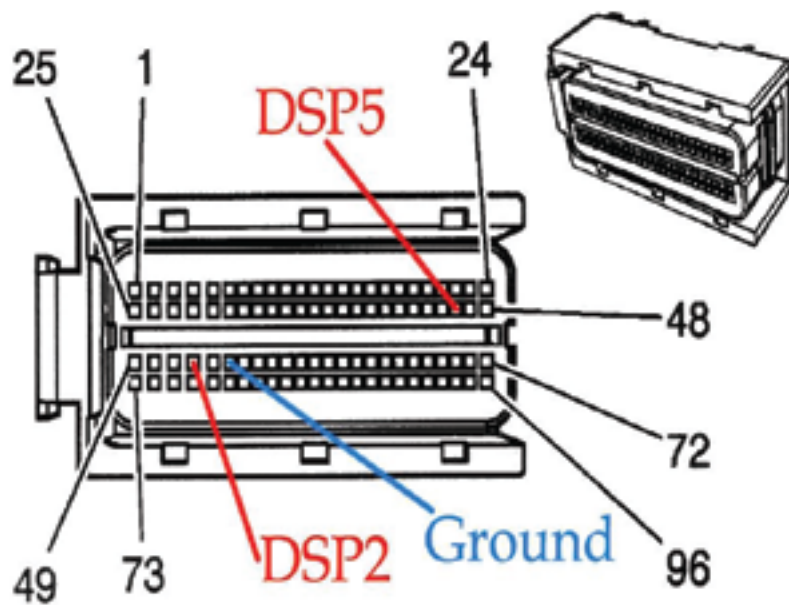
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Notice:

Proper switch pin position between the 5th and 6th slot



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Notice:

Stock Connector

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

Signal = Purple

Ground = Connector 1 (Larger plug), pin 54 (Next to YELLOW/ BLACK wire)

Ground = Black

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 (Purple 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

