

2006 - 2010 LBZ/LMM DURAMAX
ROTARY SWITCH

USER MANUAL

Disclaimer

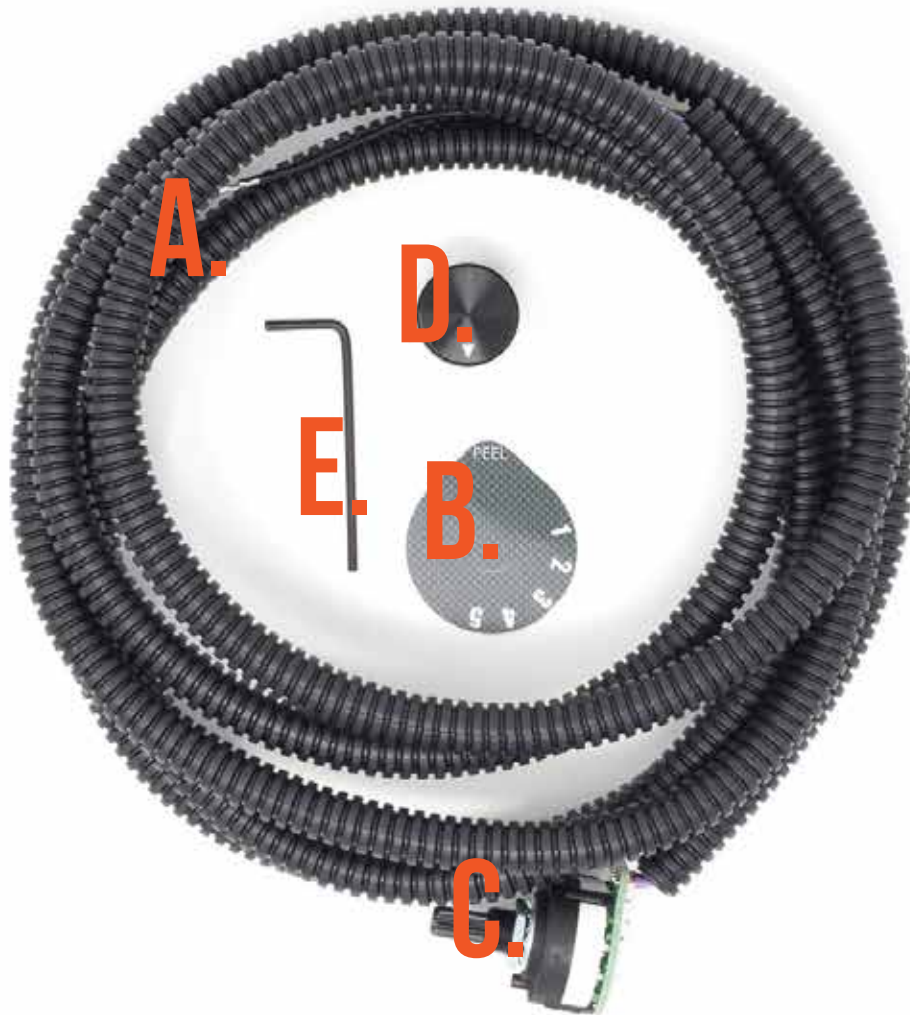
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Caution

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.

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GDP410016



- A. Loomed electrical wires
- B. Dial stickers
- C. Switch control board

- D. Switch knob
- E. Allen Wrench

Step 1

Locate ECM plug



Step 2

Remove the larger plug



Step 3

Remove purple locking clip

Do not lose



Step 4

Remove top cover



Step 5

Insert new pins/wires

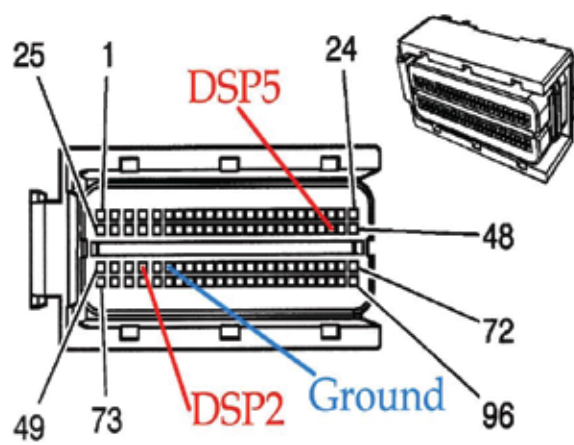
Reverse procedures when finished



Step 6

Pin-out reference

(Viewed looking at connector face)



Notice:

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



Notice:

Stock Connector

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

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

GDP Wires

Signal = Purple

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

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

LEVEL 1	4.5
LEVEL 2	3.5
LEVEL 3	2.5
LEVEL 4	1.5
LEVEL 5	0.5
HIGH IDLE	5.0