

**2001-2004 LB7 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.

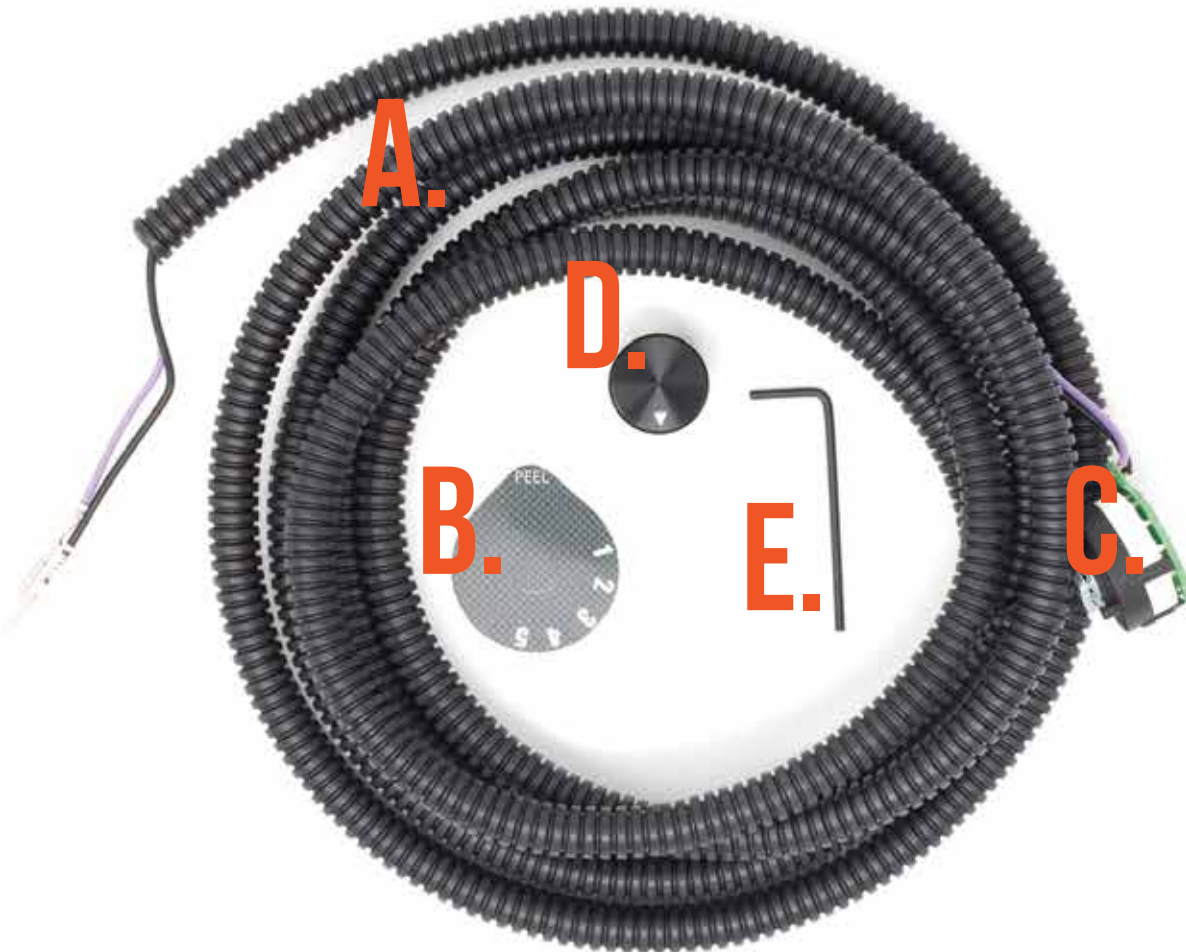
1

### Notice:

Unplug both batteries before installation.

# 2001-2004 LB7 DURAMAX ROTARY SWITCH

GDP410013



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

- D. Switch knob
- E. Allen Wrench

## Step 1

Remove TCM Cover



## Step 2

Lift out TCM



## Step 3

Disconnect TCM



## Step 4

Remove ECM cover



## Step 5

Unbolt blue plug



## Step 6

Remove blue cover



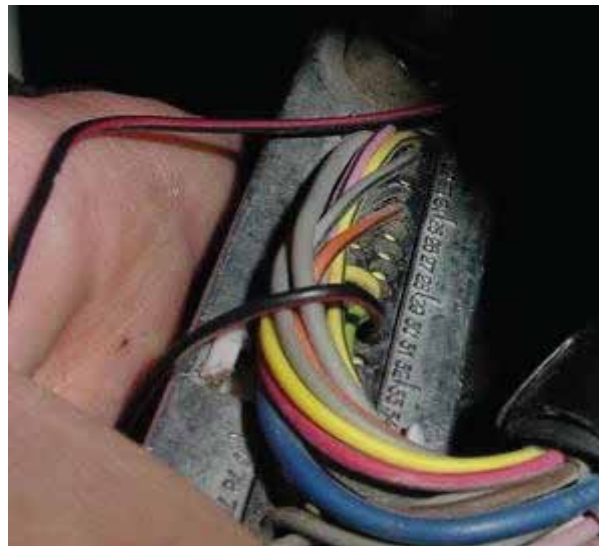
## Step 7

Pins now exposed



## Step 8

Insert new pin/wire



## Step 9

Reassemble



## Notice:

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



## Notice:

### Stock Connector

Signal = Blue connector, pin 69  
Ground = Blue connector, pin 49

### 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