

2011-2016 LML 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.

2011-2016 LML DURAMAX ROTARY SWITCH

GDP410017



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

- D. Switch knob
- E. Allen Wrench

Step 1

Unplug the connector closest to the fire wall on the ECM.



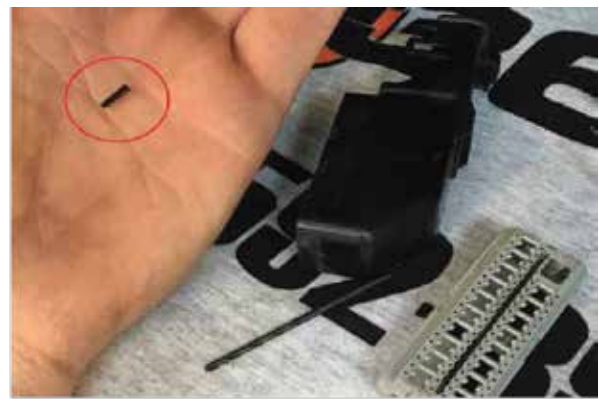
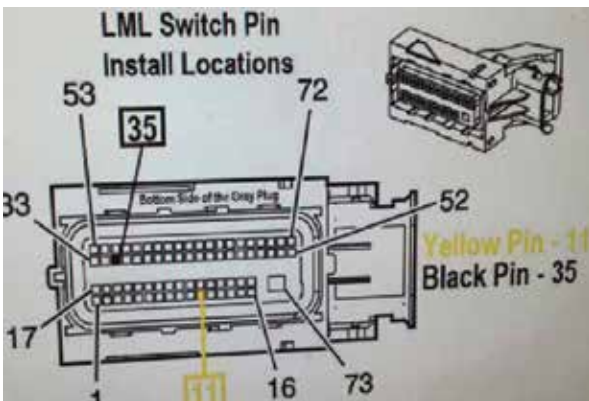
Step 2

Route connector through the wheel-well, remove the plastic top cover and pin retainer.



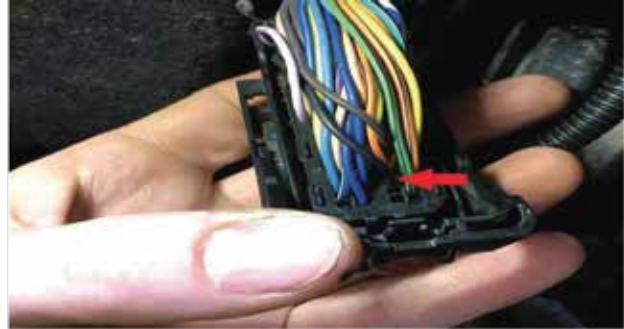
Step 3

Route switch through firewall. Locate pin 11 & 35 & push out the plastic plugs from the top side down. 2011 Duramax's will sometimes have a yellow wire in pin 11, that wire is okay to remove or piggyback off of the SOTF wire.



Step 4

Insert the purple wire into pin 11.
Insert the ground wire into pin 35.



Step 5

Reinstall top cover and bottom retainer. Use a zip tie to secure the loom from your switch to the ECM harness. Feed the harness back through the fender and into position. Reconnect the harness on the ECM, ensure that locking mechanism fully cams over. Slide the red lock tab to reengage the lock.

Notice:

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



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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

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