

2011-2016 LML 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.

2011-2016 Iml Duramax Rotary switch

A.

B. D. E.

C.

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

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.



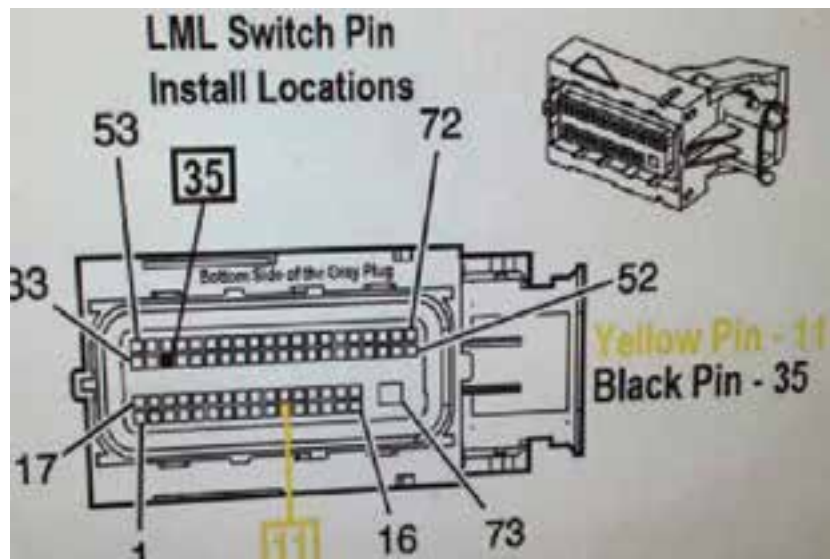
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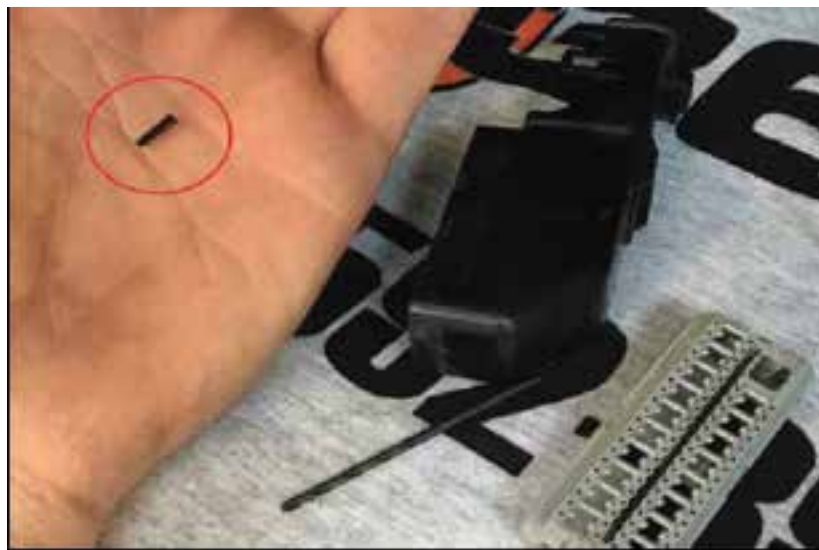
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STEP 3

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.



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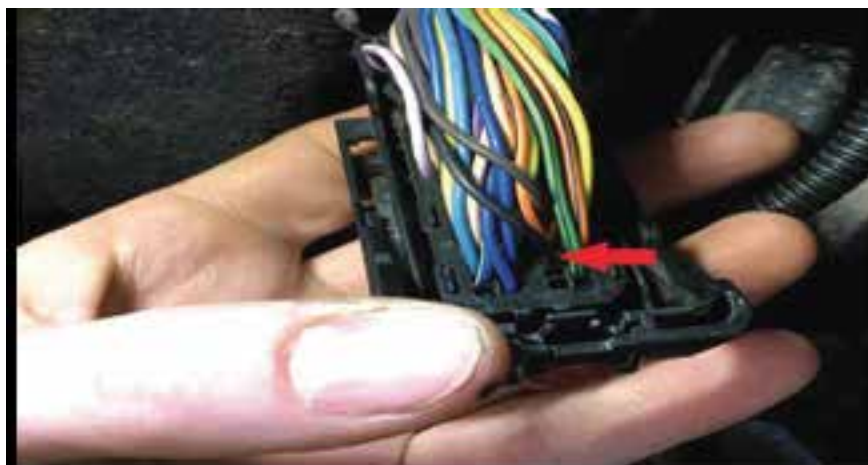
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STEP 4

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



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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 to use EFI Live software or similar software to verify that the Fuel Temp Sensor is changing by 10 Degrees for every level.

Level 1 10°C Level 2 20°C Level 3 30°C Level 4 40°C Level 5 50°C