

2010-2021 CUMMINS DIGITAL SWITCH - GDP612001

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

By installing this product onto your vehicle, you assume all risk and liability associated with its use. , LLC. is not responsible for misuse of its products. By installing this , LLC. of any and all liability associated with its use.

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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.

2010-2021 6.7L Cummins DIGITAL switch



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A. C. B.

E.

D.

D. USB Cable B. Ford Fuel Temp Sensor Plug E. Digital Switch Harness C. Flex Lume

Brown(dimming)*Optional*

ANY 12V Hot Wire W/ Ignition On

?

VEHICLE

SWITCH

Blue(high-idle) *Ford ONLY*

Purple(high-idle) *Ford ONLY*

Crankcase (DB/G Wire)

Orange(SOTF)

STEP 1

Route the ORANGE SOTF switch wire through the firewall before connecting to the crank case sensor. Be sure to route the wire carefully, away from hot surfaces or moving parts. Secure wire to prevent contact with sharp surfaces to avoid damage.

STEP 2

Use the 3 wire plug to connect the switch harness to the crankcase pressure sensor. The ORANGE wire goes to the #3 hole of the connector. This will line up with the DARK BLUE/GRAY on the vehicle side.



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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

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 (Orange 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

