

2008-2010 FORD DIGITAL 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.

2008-2010 6.4L powerstroke DIGITAL switch



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A. C. B.

E.

D.

D. USB Cable B. Ford Intake Air 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 6.7L ONLY*

Purple(high-idle) *Ford 6.7L ONLY*

Intake Air Temp Sensor

Orange(SOTF)

STEP 1

Route the ORANGE wire from the SOTF switch through the firewall to the Intake Air Temperature Sensor (IAT) as shown in the pictures. Be sure to route the wires carefully, away from hot surfaces or moving parts. Also be sure to secure wires so they will not rub on any sharp edges.

STEP 2

Unplug the sensor and carefully cut back approximately 1.5" of protective wire sheathing. Be sure to not cut into the actual wires when removing the protective sheathing!



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STEP 3

Connect the ORANGE wire from the SOTF switch into the corresponding location on plug (part B included in your kit) that lines up with the PURPLE wire of the IAT sensor.

STEP 4

plug to the factory male side plug. Make sure it fully snaps into place for a sure connection.

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

