GDP

11 – 16 Ford High Idle Rotary Switch

Installation Manual

WARNING REGARDING EMISSIONS LAWS

Not legal for sale or use on pollution-controlled motor vehicles anywhere in the United States. Legal ONLY for off-road competition racing vehicles and cannotbe used on vehicles that are operated on public streets, roads, or highways.

DISCLAIMER

1) By installing this product onto your vehicle, you assume all risk and liability associated with its use.
2) It is your responsibility to make sure your vehicle complies with all federal, state, and local emissions laws. Federal and many state and locallaws prohibit the removal, modication or rendering inoperative of any part of the design affecting emissions or safety on motor vehicles used on a public street or highway. Violation may result in a fine of up to \$32,500 per vehicle (or possibly higher depending on changes in the law). All civil penalties and fines for removing your vehicle's emissions equipment are the sole responsibility of the end user.
3) Due to its high performance nature, this product may void vehicle manufacturer's warranty.
4) GDP Tuning, LLC. is not responsible for misuse of its products. By installing this product, you release GDP Tuning, LLC. of any and all liability associated with its use.
5) Depending on where you live, restrictions may apply. Check all applicable laws before installing or using!
6) The purchaser and end user releases, indemnies, discharges and holds harmless GDP Tuning, LLC. from any and all claims, damages, causes of action, injuries, or expenses resulting from or relating to the use or installation of this product that is in violation of the terms and conditions on this page, the product disclaimer, and/or the product installation instructions. GDP Tuning, LLC. will not be liable for any direct, indirect, consequential, exemplary, punitive, statutory, or incidental damages or fines caused by the use or installation of this product.

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.

Note: With a used vehicle, we suggest using a penetrating spray lubricant to be applied liberally to all exhaust fasteners. When doing so allow a signicant amount of time for the chemical to lubricate the threads before attempting to disassemble.

Installation

The rotary SOTF switch also has the ability to enable manual high-idle on the 6.7 PowerStroke. This install is optional, if you do not wish to install high idle, skip the following steps and ignore the remaining four wires on the SOTF switch harness.

IMAGE 1

Step 1

Following the picture, locate the SEIC pass-through wires under the dash, near the OBD port.

-blunt-cut access wires for SEI, "customer access" signal circuits for PTO,VS_out,PARK TRO-N, & 4 pass-thru wire, are bundled together at the harness above

the parking brake pedal assembly behind the data link connector.

Step 2
(For 11-16) Locate the white/blue wire in the seic pass-through harness. Splice the pink wire from the switch harness to the switch ignition white/blue seic pass-through harness. Be sure to fuse up the pink wire with a 10-amp fuse.

Step 3
Locate the YELLOW/GREEN wire on the truck's SEIC pass-through harness. Splice the BLUE wire from the SOTF switch to the YELLOW/GREEN wire on the truck.

Step 4
Locate the GREEN wire on the truck's SEIC passthrough harness. Splice the YELLOW wire from the SOTF switch to the GREEN wire on the truck.

Step 5
Locate the GREEN wire on the SOTF switch. Splice the GREEN wire to the WHITE/BROWN wire on the truck.

Step 6
To set the desired high-idle RPM, You must first depress the emergency brake to engage the high idle then start and idle the engine. Be sure it is up to operating temperature and your foot is off the brake pedal.

Step 7
Turn the SOTF switch to the "high-idle" position. The engine should idle up.

Step 8
Using a small screwdriver, adjust the potentiometer screw on the back of the SOTF switch until the engine is at the desired high-idle RPM. The high-idle is adjustable from 900-2700rpm. Once you set the desired high-idle RPM, you can turn the SOTF switch back to position 1-5, and the engine should return to idle.

Step 9
Finish mounting the SOTF switch on your dash and secure all wires so they do not interfere or tangle with the brake/accelerator pedals and steering column.
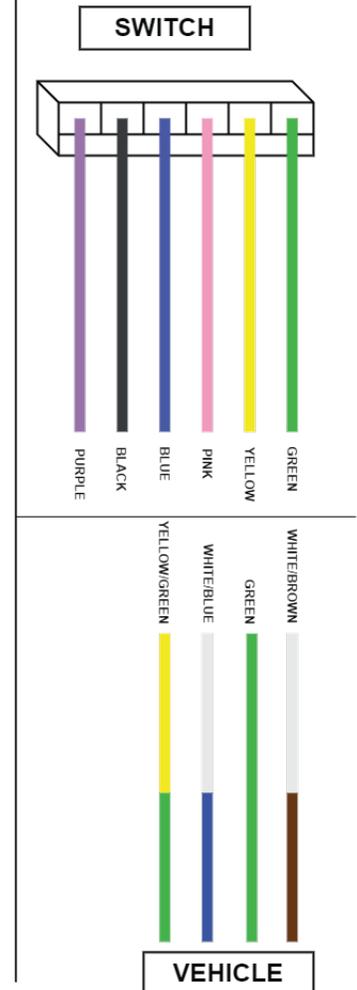
SWITCH

PURPLE BLACK BLUE PINK YELLOW GREEN

YELLOW/GREEN WHITE/BLUE GREEN WHITE/BROWN

VEHICLE

IMAGE 2