

## FORD INSTALLATION INSTRUCTIONS

Ford Crown Victoria

PN: SI440CVTH05

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SECURE-IDLE is an ignition switch bypass device designed to provide all the electrical functions that the OEM ignition switch normally provides. For proper operation and long term performance, **DO NOT deviate from the wire connection instructions.**

For each wire connection, remove approximately one half inch of insulation from the OEM wire, but **DO NOT cut through the wire.** Cutting the wires causes high resistance and a possible failure point. Strip approximately one half inch of insulation from the end of the SECURE-IDLE wires to be attached to the OEM wires. Wrap the SECURE-IDLE wire around the bare area of the OEM wire and solder the connection. Tape the connection thoroughly after it cools.

**DO NOT use scotch lock type pinch through connectors.**

These connectors cannot handle the higher amperages of the ignition circuits, and will void the SECURE-IDLE warranty.

**Use the wiring diagram to locate the correct wire and pin location on the backside of this page.**

### INSTALLATION

1. Remove the lower dash panel under the steering column to access the ignition switch mounted on the steering column. Mount the SECURE-IDLE unit near the Ignition switch.
2. Locate a good metal ground and connect the **Black** SECURE-IDLE wire.
3. Locate the ignition switch assembly and remove the female wire harness connector from the ignition switch.
4. Insert the male connector from the SECURE-IDLE unit into the female connector of the OEM wiring harness.
5. Insert the female connector from the SECURE-IDLE unit into the OEM ignition switch.
6. Drill a 9/32 hole and mount the momentary push button switch. Recommended location for the switch is to the right of the ignition switch (not hidden) for a one-hand activation and key removal.

### Testing the SECURE-IDLE Unit

1. With the shift lever in **PARK** turn the key to the **ON** or **RUN** position. Push and release the **Red** push button switch. This activates the SECURE-IDLE unit. You will hear a single click when the button is pushed.
2. Turn the key to the **OFF** position. Test all OEM electrical functions, ie: blower motor, power windows, radio, etc.

3. Turn the key to the **START** position, the starter motor should not crank.
4. Pull the shift lever from **PARK** into **DRIVE**, and then back into **PARK**. This resets the SECURE-IDLE unit. Turn the key to the **OFF** position.
5. Start the vehicle; activate the SECURE-IDLE unit by pushing and releasing the **Red** push button.
6. Turn the key to the **OFF** position and remove the key. The vehicle will remain running as it is now under SECURE-IDLE control, and the steering wheel and the gear shift lever are locked.
7. Recheck all **RUN** and **ACCESSORY** electrical functions while the vehicle is under SECURE-IDLE control.
8. With the brakes applied, insert the key and turn to the **ON** or **RUN** position. Move the gear shift lever from **PARK** to **DRIVE** then back to **PARK**. This resets the SECURE-IDLE unit and the vehicle is now back under OEM ignition switch control.
9. Turn the key to the **OFF** position and the engine will stop.
10. Tie wrap all loose wires and replace the removed panels.
11. To disable the SECURE-IDLE unit, pull apart the quick disconnect. It is located on the **RED** 10 Ga. wire coming out of the SECURE-IDLE unit.
12. Instruct all drivers on the proper operating, reset procedures, and the location of the quick disconnect of the SECURE-IDLE unit.
13. In the unlikely event that the engine will not turn off after the unit has been reset, the driver should disable the unit by pulling apart the quick disconnect.
14. If the engine stalls while under SECURE-IDLE control, the unit must be reset before the engine can be restarted.

# Wiring Diagram for Ford Crown Victoria PN: SI440CVTH05

Contact Information: Jim Hoffman, Engineer, at 260.517.9580

2007 to 2011 Crown Vic With CD Player

The CD player will keep the secure idle unit engaged and will not allow it to shut off and reset.

To correct this problem, Follow these instructions.

1. Remove radio and disconnect Gray with Black wire in Pin 14. from the 24 pin connector  
Either clip wire into or remove the pin from the connector and tape it back in the harness.
2. Remove fuse F3 (5 Amp) from the Dash fuse panel. (WITH OR WITHOUT CD PLAYER)

These circuits are tied into the speed sensor circuit and the park neutral circuit.

By following these directions, it will not affect the operation of the vehicle or the CD player

