

# **SECURE IDLE**

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## **FORD INSTALLATION INSTRUCTIONS**

**Crown Victoria 1995-2004**

**PN: S I 440 TH**

"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 instruction.

For each wire connection, remove approximately one half inch of insulation from the OEM wire, but **DO NOT** cut the wire into. Cutting the wires causes high resistance and a possible failure point. Strip app. 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 thru connectors. These connectors cannot handle the higher amperages of the ignition circuits, and will void the "SECURE IDLE" warranty.

Use the attached wiring diagram to locate the correct wire and pin location.

## **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 using the ring connector provided.
3. Locate the ignition switch assembly and remove the female wire harness connector from the ignition switch.  
You will need to loosen the connector bolt with a 7 mm. socket.
4. Insert the male connector from the " SECURE IDLE" unit into the female connector of the OEM wiring harness.

Tighten the connector bolt.

5. Insert the female connector from the "SECURE IDLE" unit into the OEM ignition switch.  
Tighten the connector bolt.

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", 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.