

# RON FRANCIS *Wiring*

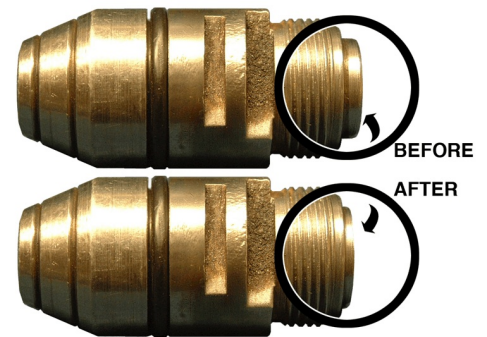
## CS-07 Electric Cooling Fan Shut Down Kit

Since running the electric cooling fan above 50-60 miles per hour is normally not needed in most vehicle applications this product will shut the fan down when your vehicle travels above this speed. In certain vehicles we have also seen lower operating temperatures above approximately 60 MPH.. The unit is adjustable and may be overridden by using the supplied dash mounted toggle switch. This kit is designed to be used with the enclosed signal generator that is installed into the speedometer cable.

Mount the box and the relay inside the car near your fuse panel . Uncoil the wires and run the gray plug with the Green and Brown wires to the transmission. Install the signal generator in the speedometer cable at the transmission.


**Note: If your speedometer cable connection has the short extension as shown in the drawing to the right it must be shortened to allow the generator to screw on.**

Plug the gray plug with the Brown and Green wires into the signal generator. The red wire (IGNITION FEED) is connected to #B on the Express, #27 on the Advantage Panel, or a 12 volt keyed ignition source. The black wire (GROUND) must be grounded.



Double check that no wires are touching the exhaust pipes or they will get burned or damaged.

**OVERRIDE SWITCH:** After mounting the supplied toggle switch connect the red wire (OVERRIDE SW FD) and the orange wire (OVERRIDE SW ) to the switch. It does not matter which terminals on the switch these wires connect too. Turning the switch on will allow the fan to keep running above the unit's set 'turn off' speed.

**COOLING FAN INTERFACE CONNECTION:** What ever cooling fan relay kit you have chosen to use will have a wire running from it that requires 12 volt keyed ignition power. If your cooling fan relay has been installed and currently operating you must locate this wire and disconnect it from it's current power source. Run this wire to the short orange wire running from the relay supplied with this kit. We have supplied a terminal  and connector to complete this

connection.

**NOTE: Follow the installation instructions and make all the necessary wire connections noted pertaining to the wiring of the electric cooling fan relay kit itself. The ignition power to your cooling fan relay kit will now be supplied through this shut down kit.**

**Testing or adjusting the fan off setting** To be sure the unit is working, a two wire L.ED or test light can be used. Connect one wire running from the light to the White wire running from the supplied relay. Connect the other wire running from the light to ground. The light will turn on indicating the this unit has shut down the electric cooling fan.

This unit is pre-set to turn the fan off at approximately 50-60 MPH. To adjust the unit connect an L.E.D. or test light as described above. Remove the black rubber plug located in the box cover. Use a SMALL screw driver to adjust the pot just inside the cover. NOTE: It will not be necessary to move the adjustment screw very much to complete the adjustment procedure due to the sensitivity of the pot.

**Leaking Transmission fluid from our pulse generator.** If automatic transmission fluid is leaking from our pulse generator- **a missing or broken seal "INSIDE THE TRANSMISSION"** cable/gear plug is likely the cause.