RON FRANCIS Wiring

CF-29
Radiator Cooling Fan Relay and A/C Request

NOTE: This cooling fan relay system is designed for use with a Ron Francis Wiring Kit as well as one large or two small radiator cooling fans. Overloading this circuit will cause premature relay failure!

The radiator cooling fan relay is controlled by the electronic control module (ECM) and the coolant temperature sensor (CTS). The fan will run if the coolant temperature is greater than the computer set temperature of 223 F.

Mount the relay close to the ECM. Run the YELLOW wire to a battery feed (HOT ALL THE TIME) and the ORANGE wire to an ignition feed (HOT WITH THE KEY ON). Run the RED wire to the radiator cooling fan motor. The fan motor must be grounded.

The fan is protected by a 30 amp fuse, which is supplied.

TP-50 Installation

Plug in the adapter harness with the GREEN and WHITE wires into its matching connector with the same color wires. Connect the GREEN wire to #7 and the WHITE wire to #32 on the Telorvek panel.

A/C Request: This will allow the engine to compensate for the load put on it by the compressor and turn the fan on when the compressor clutch is engaged. Proper air flow through the condenser is critical for good, cool air conditioning. Connect the GREEN wire to the control wire that engages the compressor clutch.

TP-30 Installation

Plug in the adapter harness with the GREEN and WHITE wires into its matching connector with the same color wires. Connect the GREEN wire to #48 and the WHITE wire to #49 on the Telorvek panel.

A/C Request: This will allow the engine to compensate for the load put on it by the compressor and turn the fan on when the compressor clutch is engaged. Proper air flow through the condenser is critical for good, cool air conditioning. Connect the GREEN wire to the control wire that engages the compressor clutch.