



## CHART C-12A

### COOLING FAN CONTROL

#### 5.7L "Y" SERIES FUEL INJECTION (PORT)

- The cooling fan is totally controlled by the ECM based on inputs from the coolant sensor and fan switch. The fan should run if coolant temperature is greater than 112°C (234°F).
- Battery voltage is supplied to the fan relay on terminal E and ignition voltage to terminal C.
- Grounding CKT 335 (relay terminal B) will energize the relay and supply battery voltage to the fan motor.
- The ECM will remove the ground to CKT 335 if vehicle speed is over 40 MPH/ unless the engine is overheating.
- When A/C is used, the fan control switch mounted in the A/C High pressure line will open when head pressure exceeds 233 psi (1600 kpa) and this input causes the ECM to ground circuit 335.
- If a code 14 or 15 sets or the ECM is operating in the fuel back-up mode the ECM will turn on the cooling fan.