

FAN CONTROLAbstract of the Invention

5 A fan control system for a vehicle cooling system includes forward and reverse relays
connected to a microprocessor based timer control. A third relay is controlled by a single
temperature responsive switch or thermostat and selects either the high speed or low speed
winding of an electric radiator fan or similar engine cooling device dependent on the
temperature sensed by the thermostat. The thermostat also provides an input to the timer
control to adjust or interrupt preselected timing functions for certain fan conditions. Upon
10 start-up of the engine, the control initiates a first delay period during which the fan is
maintained in the off condition regardless of the temperature of the coolant. After the initial
delay, a second and longer delay period is initiated to maintain the fan in the off condition
provided the sensed temperature remains below a preselected level.

