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Installing the Hotronics CDT-240 Cool Down Timer.

The Hotronics CDT-240 is an After-run delay timer, for use with Hotronics Switch kit for Electric fans and delays OFF. The CDT-240 runs the cooling fan after the engine shuts off, continuing to remove heat from the radiator; engine compartment and removing heat soak from the engine, as temperatures rise when the engine shuts off.

The CDT-240 is an electronic timer and is adjustable for run times ranging from 2 minutes minimum to 4 1/2 minutes max. This allows extra cooling from the fan, for those temperamental beasts like; blower motors, high compression and polished engines that hold heat or those hotter days of summer when using the A/C makes the radiator hot.

CDT-240 is just a little extra to keep your cool ride, well, cool, and saves coolant. Running the fan only as needed, prevents batteries from draining dead and helps with cooling and removing stale air so the engine in the hotrod will restart on those hot days.

Just set the desired delay time and the fan continues to move air after the engine is shut off, aiding additional cooling without draining the battery. A small screwdriver adjusts the time program thru a hole in the end of the box. The CDT-240 has convenient built-in optional control features, allowing simple retriggers and over-ride controls, should manual control, operations also wish to be added for convenience.

Disconnect the Battery before beginning installation.

Complete the installation of the Hotronics Switch kit for the electric fan per wiring chart supplied with each switch kit, before installing the CDT-240.

Make all connections on the switch kit, except the white (key) wire of the switch kit.

Mount the CDT-240 inside, keeping it away from water, leaky windshields or gaskets.

The AR-30 relay supplied with the CDT-240 will take control of the cooling fan switch kit White (key) wire, controlling the circuit to the fan switch relay.

Connect both the fan switch White wire and the CDT-240 Blue wire to the AR-30 relay terminal # 87. (See CDT-240 wiring chart).

Connect the AR-30 relay terminal # 85 to 12 volts switched ON by the key.

Connect the AR-30 relay terminal # 86 to a clean ground. Also connect the black wire on the CTD-240 to a clean ground.

Connect the AR-30 relay terminal # 30 to a 1 amp fuse and connect to 12 volts constant battery HOT.

Connect the CDT-240 Red wire and the CDT-240 Yellow wire to AR-30 relay

terminal # 87a or to an optional master toggle switch and connect to AR-30 relay terminal # 87a (See wiring chart). This master toggle switch will defeat the delay and resume normal fan switch operations, during the times of year the delay is not needed.

Note: Use as optional master toggle switch, Hotronics part # LTS-5 it has a LED on the toggle bat handle. (Tells you when the delay is engaged) Or an LED can be added to any toggle. (See the CDT-240 wiring instructions)

Optional over ride push button can be added between the CDT-240 Red wire and CDT-240 White wire. Optional restart push button connects to CDT-240 Green wire.

Use Caution and insulate all unused wires! Shut off delay when not in use.

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