Please read these instructions completely before beginning installation.

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**TOOLS NEEDED**

- 7/16" Open End Wrench
- 7/16" Socket and Ratchet
- Standard Screw Driver or 5/16" Nut Driver
- Drill
- 5/32" Drill Bit
- 12V Test Light
- Wire Stripper
- Crimping Tool

**IMPORTANT**

This fan assembly is designed for PULLER APPLICATIONS ONLY. Engine side of radiator. (See Diagram #1)

**Diagram #2**

**MOUNTING OPTIONS**

**Option 1**
- Flush Mount

**Option 2**
- Recessed Mount

**Diagram #3**

**Diagram #4**

Note: Shrouds with vents must open at bottom. Shroud should be mounted tight against radiator to minimize air leaks that would reduce efficiency.
WIRING OPTIONS

IMPORTANT: Due to the high amperage of each individual RAD fan on the Dual RAD Fan Assembly, each fan MUST be switched* individually. Failure to use two different switching devices could cause damage to your vehicle and/or your new Electric Fan Assembly.

* Switched - Utilizing an automotive rated thermostat or manual switch

There are a few options on how to activate (turn on) your new Electric Fan Assembly.

1. Manual Switch - Install a switch in the passenger compartment and turn on Electric Fan as desired.
2. Electric Fan Thermostat Switch
   A. Adjustable Thermostat - Allows an adjustment range for you to determine optimal turn on temperature.
   B. Pre Determined Temperature - Thermostat has a pre determined temp. from the factory that determines turn on temp.

We recommend using two thermostats therefore activating Fan #1 at an earlier temperature than Fan #2. This will help spread the major amp draw on your vehicles electrical system. Please visit www.derale.com for available thermostat options or visit your local retailer.

Important: When purchasing a thermostat always consider the maximum amp draw. Some thermostats are not designed to properly handle 25 amps.

Note: When installing the Electric Fan with a Thermostat always follow manufacturer's instructions for specific details. In some cases you will not need the supplied relay harness.

WIRING INSTALLATION USING RELAYS

Repeat for both Fan #1 and Fan #2

RED Wire - Attach to the Positive side of Battery (+)
BLACK Wire - Attach to a good Chassis ground (-)
ORANGE Wire - Attach to the Red Positive Electric Fan Lead (Fan +)
YELLOW Wire - Attach to (+) 12V Switched Power (Thermostat or Manual Switch)
GREEN Wire* - (OPTIONAL) Attach to the Positive feed from the A/C Clutch
   *This wire will allow you to turn on the Electric Fan every time the vehicles air conditioning is turned on. If you do not wish to use this option, please disregard the Green wire.

ELECTRIC FAN

Red Wire - (+) Positive Fan lead Attach to the ORANGE wire coming from the relay harness
BLACK Wire - (-) Negative Fan Lead Attach to a good Chassis ground (See Diagram #7)
Warning: Installation of accessories should only be undertaken by those with mechanical knowledge and are familiar with working on vehicles. Always use eye protection (goggles, safety glasses or shield). Park the vehicle in a well lit area, on level ground and apply the parking brake. Only work on a cold vehicle that has been sitting overnight, failure to do so will result in severe burns and injury. Before starting the vehicle, make sure no tools or any other items are left under hood that could interfere with or be drawn into moving parts of the engine. Failure to follow instructions can lead to severe damage and personal injury.