

FAN CONTROLLER INSTALLATION PROCEDURE

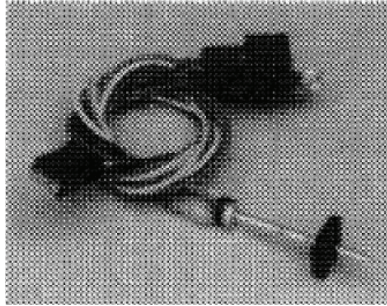


Image of Fan Controller.

OPERATION:

This pre-set fan control will operate one or two fans. It will turn your fan/fans on at 185 degrees Fahrenheit and off at 165 degrees Fahrenheit. The "Air Conditioning On" function will override the temperature switch. Before starting installation, read these instructions thoroughly. DISCONNECT BATTERY BEFORE CONTINUING.

CONTENTS:

Chart listing the part numbers, type of parts and how many of each are needed.

| Part Number | Description | Quantity |
|--------------------|--------------------|-----------------|
| 017715 | Relay | 1 |
| 019335 | Wire Harness | 1 |
| 002362 | Sheet Metal Screw | 1 |
| 002371 | Foam Pad | 1 |
| 019332 | Retaining Clip | 1 |
| 019333 | Brass Rod | 1 |
| 019334 | Snap Switch | 1 |

INSTALLATION: (SEE CHART A)

Temperature Probe:

1. Remove or loosen vehicle components as necessary to allow access to both sides of the radiator.
2. The temperature probe should be installed 3 to 4 inches below the inlet hose connection.
 - a. Using the brass rod provided, carefully spread the radiator fins at the desired mounting location to allow the rod to slip completely through the radiator.
 - b. Screw snap switch into brass rod.
 - c. Measure thickness of the radiator with the rod. Mark the rod at the radiator thickness. Remove the rod from the radiator.
 - d. Break off excess rod at the next break point past the thickness of the radiator.
 - e. From engine side, insert rod into prepared location in the radiator. Make sure the rod contacts the radiator tubes and the switch contacts the fins.
 - f. Remove adhesive backing from foam pad. Install foam pad, adhesive side first, onto end of rod protruding through radiator
 - g. Install retaining clip (concave side first) onto rod. Press on until retaining clip seats on foam pad.

Temperature Probe Installation

Chart A: Diagram of Temperature Probe Installation.

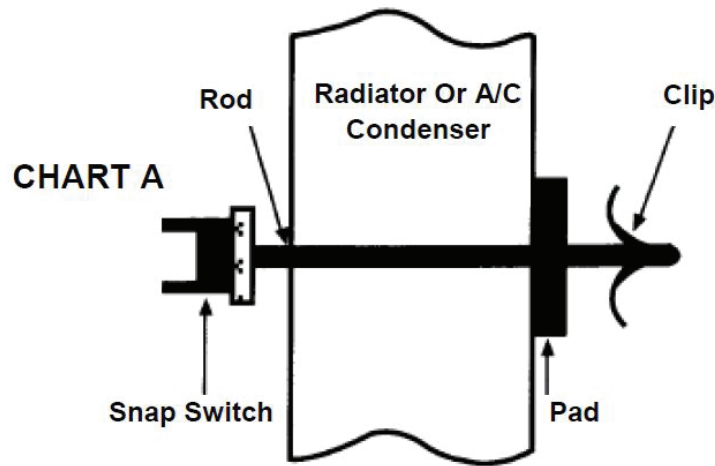


Chart A
Rod
Clip
Snap Switch
Pad
Radiator or AC Condenser

Relay Mounting:

3. Mount relay in a location that will allow easy routing of wires to their connections. Avoid high heat sources. Such as exhaust manifolds or pipes.
 - a. Drill 3/16 inch hole at desired mounting location. Secure relay using #14 sheet metal screw supplied in kit.
 - b. Install fuse in fuse holder

Wiring: (See Chart B)

Black Wire: Connect the black wire to a good chassis ground.

Brown Wire: Connect brown wire to either terminal on snap switch.

Yellow Wire: Connect the yellow wire to any 12 volt key activated circuit. The yellow wire must be connected to a full and constant 12 volt source. Low or fluctuating voltage will cause early relay failure. Connect other end of yellow wire to the remaining terminal on the snap switch.

Green Wire: Connect the green wire to the power wire leading to the AC clutch. It can be used with a toggle switch as a manual override if the vehicle does not air conditioning.

Red Wire: Connect the red wire to the positive terminal of the battery.

Orange Wire: Connect to positive fan motor wire. Refer to the information label on the shroud to determine the power. Connect the other fan motor wire to a good chassis ground.

Chart B: Diagram of Wiring.

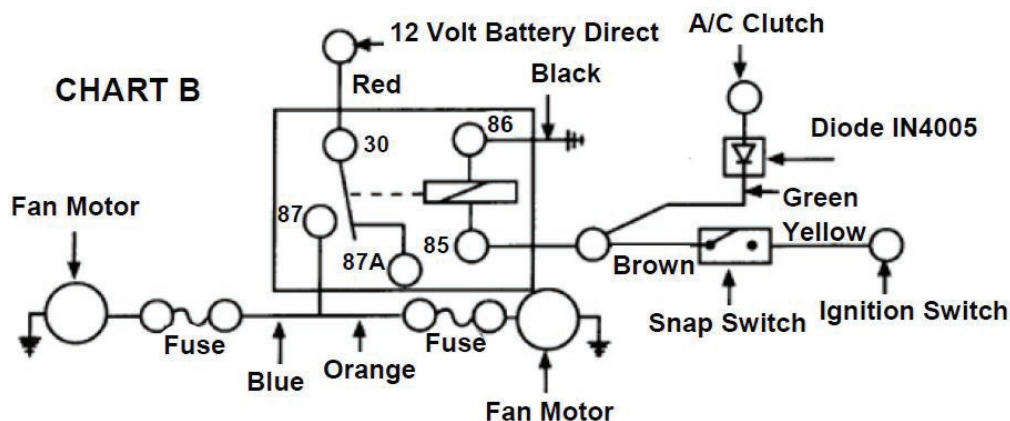


Chart B
Fan Motor
Fuse
Blue
87
Orange
Fuse
Fan Motor
12 Volt Battery Direct
Red
30
87A
Black
86
85
Brown
Snap Switch
Yellow
Ignition Switch
AC Clutch
Diode IN4005
Green

Blue Wire: Used only for dual fan installation. Connect to positive fan motor wire. Refer to the information label on the shroud to determine the power wire. Connect the other fan motor wire to a good ground. Additional fuse not supplied with kit.

Testing:

Remove all tools, excess wire, rags and other foreign objects from under hood.

Resecure all radiator mounts, shroud and/or sheet metal.

Reconnect battery.

Turn ignition key on. Turn air conditioner on. Fan/fans should now be on. If not, recheck wiring. Turn off air conditioner.

Start vehicle, allow warm up time. Fan/fans should turn on when radiator temperature reaches 185 degrees Fahrenheit.