



INSTALLATION INSTRUCTIONS

SINGLE STAGE ELECTRIC FAN THERMOSTAT

PART # 18738

Please read these instructions completely before beginning installation

KIT CONTENTS

QTY.	DESCRIPTION	QTY.	DESCRIPTION
1	Thermostat Switch	2	Blue Butt Connectors
1	Push-in Probe	2	Blue Female Connectors
1	1 x 1 Foam Pad	1	Blue Wire Tap Connectors
1	Retaining Clip	4	4" Wire Ties
1	Blue Ring Terminal	7'	14GA. Red Wire

TOOLS NEEDED

12V Test Light
Wire Stripper
Crimping Tool

IMPORTANT

This single stage electric fan thermostat will control one electric fan with a **MAXIMUM DRAW OF 15 CONTINUOUS AMPS.**

THERMOSTAT PROBE INSTALLATION

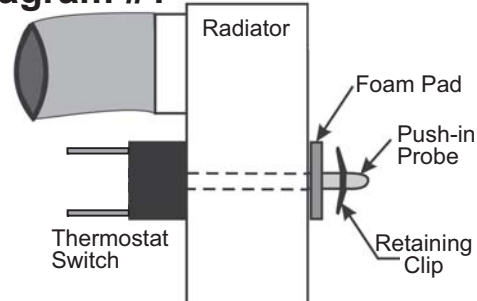
Push-in Radiator Probe (See Diagram #1)

Placement: For best results we recommend installing the probe as close as possible to the water inlet of the radiator. (See Diagram #1)

Installation:

1. Take the brass probe and thread it clockwise onto the thermostat.
2. Carefully insert the probe/thermostat assembly into the fins of the radiator until thermostat is flush with radiator.
3. Install the 1 x 1 foam pad onto the Push-in Probe.
4. Install Retaining Clip onto the Push-in Probe until tight. (See Diagram #1)

Diagram #1



WIRING

Before starting, disconnect the Negative (-) cable on the vehicles battery.

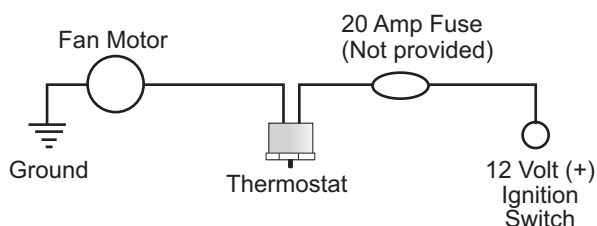
Using the electrical connectors, wire and wire ties provided, follow the instructions below. See Diagram #2

1. Using a Blue Ring Terminal provided, attach the Negative (-) wire on the electric fan to a good chassis ground (-).
2. Using a Blue Butt Connectors, a Blue Female Connector, and wire provided, attach the Positive (+) wire on the electric fan to EITHER terminal on the Thermostat Switch.
3. Using the 20 Amp Fuse Holder (Not provided), a Blue Female Connector and wire provided, attach the remaining terminal on the Thermostat Switch to either wire on the 20 Amp Fuse Holder.
4. Using a Blue Butt Connector, wire and the Blue Wire Tap Connector provided, attach the remaining wire on the 20 Amp Fuse Holder to a good Positive (+) switched ignition source.

Note: If this wire is connected to a constant power source (battery) the electric fan will run after the vehicle has been shut off and could run down the battery.

Reattach the Negative (-) cable on the vehicles battery.

Diagram #2



TROUBLE SHOOTING Q&A

Q: Why doesn't the fan turn on automatically?

- A:
1. Check all connectors to make sure contacts are crimped correctly.
 2. Check the Ground connection to make sure all paint is sanded off and you are getting a metal to metal contact.
 3. Check the 20 Amp Fuse Holder to make sure the fuse is good and is securely in place.

Q: Why does the electric fan run after the engine is turned off?

- A: Check the ignition wire to make sure this is connected to a switched ignition source and not a constant power source.

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.