PROFORM®

— **CAUTION** — FAN BLADES CAN CAUSE INJURY. TO AVOID PERSONAL INJURY, KEEP CLEAR FROM FAN BLADES. FAN BLADES MAY START AT ANY TIME.

GM PERFORMANCE PARTS

Part #141-647
15-inch Universal Fan with Thermostat

INSTALLATION INSTRUCTIONS

(Fan may be attached to the radiator horizontally or vertically.)
Mount fan with brackets using either the bolt-on or clamp-on method, and affix the threaded rods and brackets to the fan accordingly.
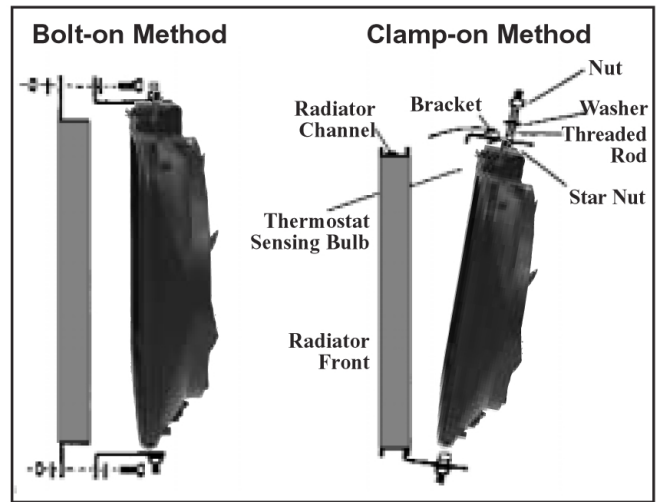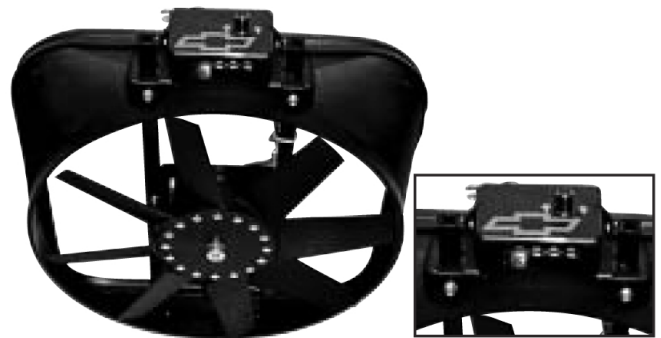
NOTE:
• Use star nuts as shown to stabilize the threaded rods.
• The thermostat sensing bulb MUST contact the radiator surface for accurate temperature readings.
• To avoid damage, do not over-tighten fan to radiator.

Bolt-on Method   **Clamp-on Method**

Nut
Radiator Channel   Bracket   Washer
Threaded Rod
Star Nut
Thermostat Sensing Bulb
Radiator Front

REQUIRED CONNECTIONS

1. Disconnect vehicle battery.

2. Attach the positive (+) terminal to a low-amp 12-volt positive (+) power source (such as fuse box), using the wire provided in the fan kit.

   OPTIONAL CONNECTION: Attach the positive (+) terminal to an ignition source to stop the fan unit from operating after the entire is tuned off.

3. Connect the "B" terminal to a high-amp 12-volt positive (+) power source, such as the positive (+) side of battery or alternator, using the wire and inline circuit breaker included in kit. Circuit breaker is marked for proper installation.

4. Connect the "G" terminal to ground (such as chassis, negative (-) side of battery) using the wire provided in the kit.

5. With the wire and 3-way connector provided, splice into the A/C clutch positive (+) wire. Connect the other end of the wire to the "C" terminal of the control box. NOTE: Air conditioning relay activates fan when A/C is turned on.

6. Adjust thermostat to desired temperature within 180-240° range.

MANUAL SWITCH INSTALLATION OPTION
(permits on/off operation manually).

(Switch not included – Must purchase separately)

1. Attach the "M" terminal to terminal 1 on the switch.
2. Attach terminal 2 to 12-volt positive (+) source.
3. Attach terminal 3 to ground.

Note: To prevent the fan from thermostat activation, omit the lead to the positive (+) terminal of the control box, B, G & M must remain connected.

Control Box Terminals & Connections

Mandatory Connections
+ 12 volt low amp source
G Ground
B 12 volt high amp source
C Air conditioning relay

Optional Connections
M Manual switch

A/C Positive Lead

3-way Connector

Control Box

C   M   G   +
B

Ground

12 Volt Low Amp Source

Circuit Breaker
BAT   AUX

12 Volt High Amp Positive

12 Volt Source

Ground
(Illuminate switch – not incl.)

1 2 3