

50-5068A

1967-70 Mustang

20" Radiator Fan Kit



1201 Forum Way South, Fort Worth TX 76140
(817) 531-2665 or FAX 531-3257

If your vehicle is equipped with factory air there is no pressure/fan control switch from the factory provided. We recommend adding a Trinary pressure safety switch and switch port adapter to automatically operate the cooling fan by A/C system pressure.

Model 1967/68 Old Air Part No. 50-0067T
Model 1969/73 Old Air Part No 50-0069T

Preparation For Installation

- 1) Disconnect negative battery terminal.
- 2) Remove and discard OEM fan shroud.
- 3) Remove and discard OEM radiator fan.
- 4) Secure OEM water pump pulley to water pump using OEM bolts (Some vehicles may require shorter bolts)

Installation

- 1) Install fan assembly to radiator: (Photo 1) Drill (4) 7/32 Diameter holes through passenger side radiator flange and secure using (4) 10-32x1/2 machine screws, and (4) 10-32 Keps nuts, repeat for driver side of shroud.

Caution: Do not damage radiator when drilling or installing mounting hardware.

- 3) Install radiator temperature sensing probe,
 - a) Mark position of hole for sensor in top portion of shroud. make sure it will allow sensor tube to inserted into fins between the tubes.
 - b) Remove shroud from radiator & Drill 5/16" hole at marked location, re attach shroud to radiator.
 - c) Insert sensor through hole in fan shroud and into radiator fins. (Photo 3). **Caution-Use extreme care not to damage radiator tubes or fins when inserting sensor probe.**



Drill 7/32 Holes & secure with four 10-32X1/2" Screws & 10-32 Keps Nuts

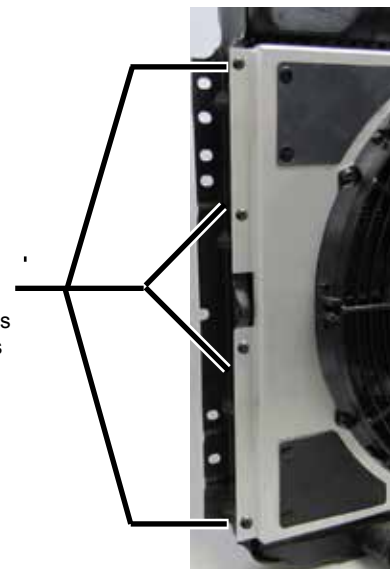


Photo 1

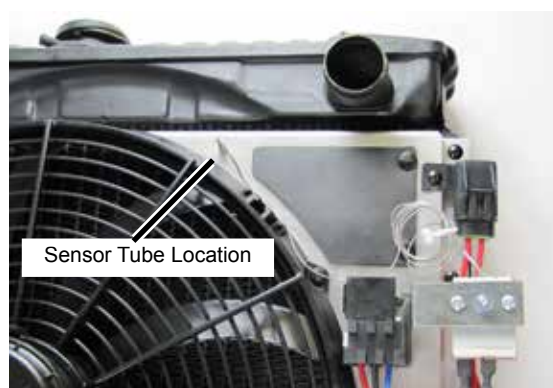


Photo 2

- 4) Route red wire labeled 12+ to Positive battery post and secure.
- 5) Route and attach red/yellow wire to solenoid terminal (**See Photo 3**).
- 6) Ground Black wire using #10x1/2 sheet metal screw supplied in hardware kit.

Tip- It is very important to have a good ground connection because a loose ground wire may cause excessive amperage draw, intermittent fan operation and create damage to the fan harness wiring.



Photo 3

- 7) Secure all wiring away from moving parts, sharp edges and hot surfaces to prevent damage to fan wiring harness. Reconnect negative battery cable. Check for proper operation of components.
 - A) Fan will operate anytime A/C is operating with excessive head pressure (If optional trinary pressure switch kit is added).
 - B) Fan will operate from adjustable temperature switch.

CALIBRATING RADIATOR TEMPERATURE SWITCH

First rotate the knob on the adjustable thermostat to the full counter clockwise position, start engine, when engine reaches desired operating temperature rotate the thermostat knob in the clockwise direction until the fan assembly is engaged. The thermostat is now set to operate the cooling fan at that desired engine temperature.

Optional Trinary Switch Kit

- 1) Ground one Blue wire to body ground.
- 2) Connect second Blue wire to vacant ¼ spade terminal located on temperature switch.
- 3) Attach one Black w/Green stripe wire to clutch wire coming from A/C thermostat.
- 4) Connect second stripe Black w/ Green wire to A/C compressor clutch.

Wiring Diagram

