

# 50-5067

## 1967-70 Mustang

### Radiator Fan Kit



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If your vehicle is equipped with factory air and 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 secondary 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 length bolts).
- 5) Attach fan mounting brackets using (4) ¼-20 hex head keps nuts to fan shroud . (See Photo 1)

#### Installation

- 1) Align fan assembly with radiator, use a small clamp to temporarily secure fan assembly to radiator, mark position of holes in radiator mounting flange, remove assembly & drill 1/4" holes at marked locations.
- 2) Attach fan assembly to radiator using (4) ¼-20x1/2 hex head bolts, (4) ¼ flat washers, and (4) ¼-20 hex head keps nuts.  
*Tip- Due to tight clearance between radiator and water pump pulley some vehicles may require removing radiator and installing fan assembly loosely in place, then reinstalling radiator at which point fan assembly can then be attached to radiator. (see Photo 1).*
- 3) Install radiator temperature sensing probe through hole provided in fan shroud and into radiator fins (See Photo 2).

**Caution- Use caution not to damage radiator tubes or fins when inserting sensor probe.**



Photo #1



Photo #2

4) Route main fan wire harness around battery and attach the two fused red wires to positive battery post and secure.

5) Route and attach red/yellow wire the solenoid terminal (See Photo3).

6) Ground black wire using #10x1/2 sheet metal supplied in hardware kit. *Tip- It is very important to have a good ground connection, a loose or dirty ground connection can cause excessive amperage draw, intermittent fan operation and damage the fan harness wiring.*

7) Secure two fuse holders using #10x1/2 sheet metal screws. (See Photo 4)

8) 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) Primary fan will operate when ignition is on.

B) Secondary fan will operate anytime A/C is operational (If equipped with A/C and optional trinary pressure switch is added).

C) Secondary fan will operate from adjustable temperature switch.

### CALIBRATING RADIATOR TEMPERATURE SWITCH

First rotate the knob on the adjustable thermostat to the full counterclockwise 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.

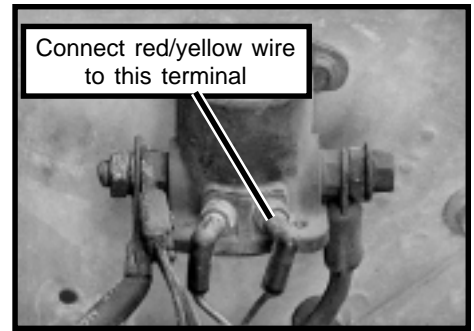


Photo #3



Photo #4

## Wiring Diagram

