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Installation Instructions Mustang Radiator Fan Kit

50-6466 & 50-6466G

If your vehicle is equipped with Air conditioning part number 50-0101 Condenser Fan Wiring Kit is required.

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).

Installation

- 1) Install Electric fan and shroud assembly to radiator flange.

For Stock radiator fan assembly will mount to flange on radiator. **See photo 1A**

For Aluminum Griffin Radiator the fan assembly brackets will attach to the core support using radiator mounting bolts. **See photo 1B**



Photo 1A (Stock Radiator Mounting)



Photo 1B (Griffin Radiator Mounting)

2) Install radiator temperature sensing probe through radiator shroud and into radiator fins. **See photo 2**

Caution-do not damage radiator fins when inserting probe

3) Route fused red power wire to positive battery post and connect.

4) Route red wire labeled 12+ ignition and connect to terminal marked **I** on starter solenoid located on passenger front inner fender. **See photo 3**

5) Ground black wire using #10x1/2 sheet metal screw provided in hardware kit.

6) Using condenser fan wiring kit 50-0101 locate area on wire harness where the red power wire and black fan ground wire are spot taped. Remove and discard red power wire. Mount relay and ground #10 ring terminal with #10x1/2 sheet metal screw. Connect black fan ground wire to available terminal on adjustable radiator temperature thermostat. Splice green wire to A/C clutch wire. This will provide power to fan assembly any time air conditioner is operating.

7) Secure all wiring away from moving parts, sharp edges and hot surfaces to prevent damage to the wire harness

8) Reconnect negative battery cable.

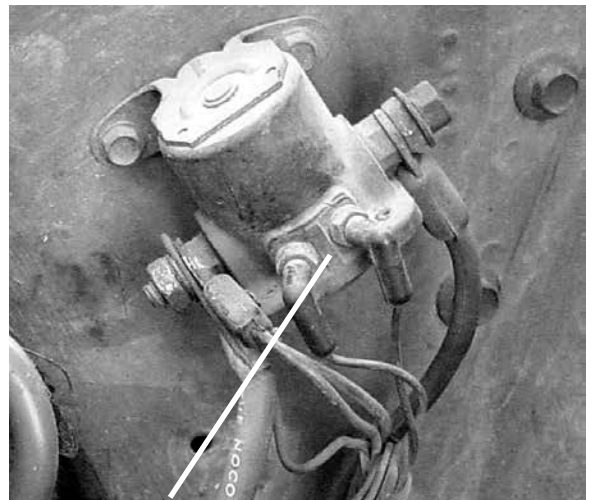
9) Check for proper operation of components.

A) Fan assembly will operate anytime air conditioner is on.

B) Fan assembly will operate from radiator temp switch.



Photo 2



Terminal I **Photo3**

CALIBRATING RADIATOR TEMPERATURE SWITCH

First rotate the shaft to the "OFF" position (clockwise), start engine, when engine reaches desired operating temperature turn the thermostat shaft counterclockwise until the fan is engaged. Shut engine off and wait for it to cool, restart engine, watch temp gauge to make sure fan engages at desired setting, re-adjust if necessary.

