

52148 – Dual 16" Fan Bracket Kit
Fits 1997-2003 Ford F-150 & F-250
(non Super Duty) full size pickups with
34" x 17" radiator cores



INSTALLATION INSTRUCTIONS



FOLLOW INSTRUCTIONS CAREFULLY TO PREVENT PERSONAL INJURY AND/OR DAMAGE TO THE FAN UNIT!

Remove stock clutch fan and shroud assembly:

1. Remove top portion of the plastic shroud assembly reserving push-in screws for re-installation of shroud and the jack handle. Disconnect air cleaner and remove.
2. Remove engine driven fan and clutch. If the clutch is mounted to the pulley with bolts, be sure to replace the bolts that hold the pulley on after the clutch is removed. The clutch can also be mounted with one large nut. If so, a large wrench is required to loosen and remove the nut turning it in the direction of fan rotation. It may be necessary to use a soft blow hammer on the wrench to loosen the nut without the pulley slipping. It may also be necessary to secure the pulley with a box end wrench on one of the (4) pulley bolts and the other end of the wrench wedged under the water pump. Place rag over the fan to prevent injury.
3. Remove the bottom part of the shroud and lift shroud and clutch fan assembly out.
4. Ensure that the radiator core is 34" wide (between the tanks). If the width is any less, this fan assembly will not work on your truck.

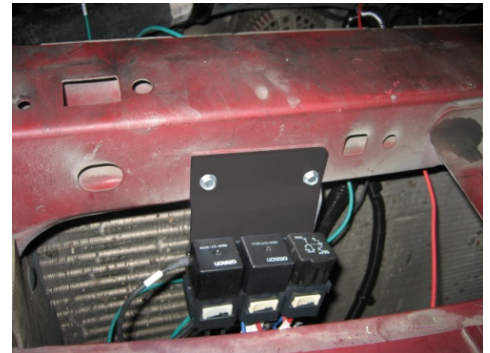


Figure 1

Installation of the Dual 16" Fan Unit:

1. Attach mounting plates (TA8000705) loosely to each side of the electric fan shroud using (4) of the flat washers and (4) of the hex head bolts provided. Loosely attach mounting brackets (TA8000706 left) and (TA8000707 right) to each corresponding mounting bracket (TA8000705).
2. Temporarily mount the fan unit to the radiator by sliding the mounting brackets into the catches on either side of the radiator. Pull the fan tight against the radiator to create a seal against the radiator.



Figure 2



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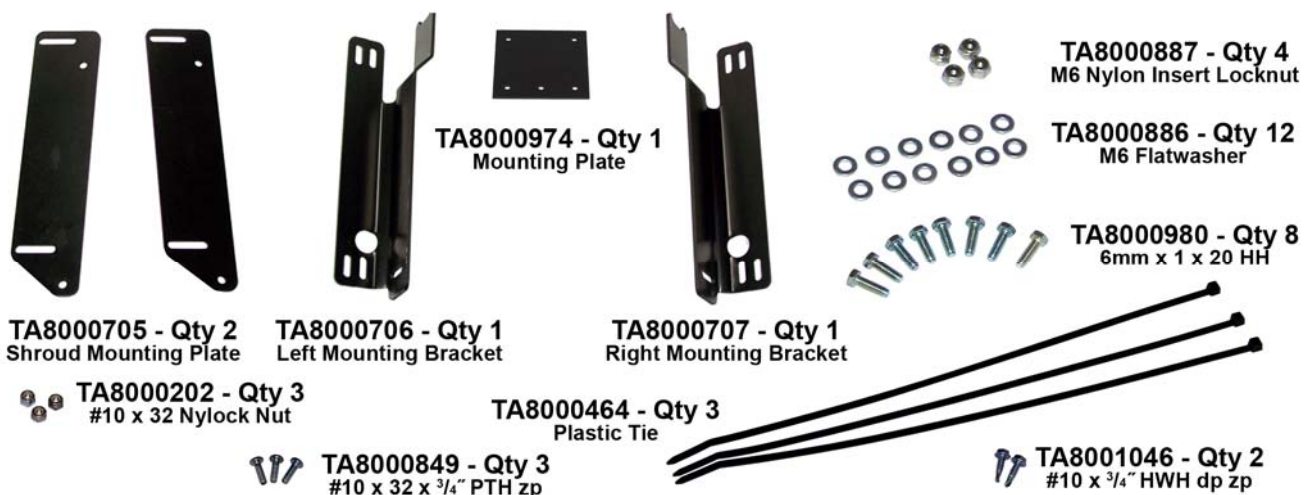
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3. Attach the side brackets to the core support and tighten brackets to the fan assembly while maintaining a tight seal against the radiator. (See fig 2 & 3).
4. Loosen transmission cooler fluid line and radiator hose (if necessary). Bend transmission cooler line to clear brackets (if necessary) taking care not to kink or crimp the line.
5. Utilizing bracket (TA8000974) for the three relays contained in JEGS 52140, mount the bracket inside the front hood support using two self tapping screws provided. (See Fig 1). Mount the three relays to TA8000974 bracket using the machine screws and nuts provided. Proceed to wiring instructions contained in JEGS 52140 wiring harnesses provided.



Figure 3

Brackets and Hardware Included:



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