

52146 – Dual 16" Fan Bracket Kit
Fits 1992-1999 Chevy full size pickups and SUVs
with 34" x 19" 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 hex head screws for installation of top brackets.
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.
3. Remove the bottom part of the shroud again reserving the hex head screws for installation of the bottom brackets of the fan.
4. Ensure that the radiator core is 34" wide (between the tanks) by 19" tall. If you have a 17" tall radiator, you will need the JEGS 52145 kit for 34" x 17" radiators.

Installation of the Dual 16" Fan Unit:

1. Loosely attach the top bracket (TA8000714) to the top of the dual fan assembly using (4) of the (TA8000886) flat washers and (4) of the larger (TA8000889) allen screws provided.
2. Attach the top bracket to the cover plate (TA8000715) using (4) of the (TA8000886) flat washers and (4) of the smaller (TA8000890) Allen screws provided.
3. Temporarily mount the fan unit to the top of the core support using the reserved hex screws and pull the fan tight against the radiator to create a seal against the radiator.
4. The bottom brackets (TA8000710) will be custom mounted due to the variations in GM mounting points on trucks from '92-'99. Mount the bottom brackets to the bottom of the radiator tray using the reserved hex screws from the bottom shroud into the same mounting points as used by the bottom half of the shroud. Using a



Figure 1

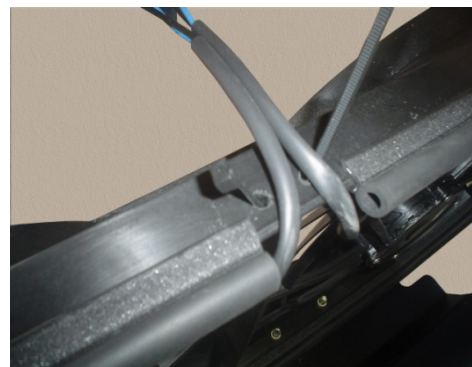


Figure 2



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marking pen, mark points in the bottom of the Dual 16" Fan shroud to drill 1/4" holes for mounting the brackets to the shroud.

- Remove the fan unit and drill the holes and mount the bottom brackets to the shroud using for each bracket: (1) larger (TA8000889) Allen screw, (1) (TA8000887) Nylon locking nut and (3) (TA8000886) washers on either side of the bracket and underneath inside the shroud. (See Fig 1) Also drill two 1/4" holes to tie strap the fan power harness that extends from the motors to the shroud to ensure harness does not move inside the dual fan shroud. (See Fig 2)
- With bottom brackets mounted in place, reattach the fan assembly tightening the bottom brackets first and then compressing the seal approximately 50% while tightening the top bracket and cover plate. Proceed to wiring instructions contained in JEGS 52140 dual fan kit.



Figure 3

Proceed to wiring instructions

Brackets and Hardware Included:



TA8000709 - Qty 1
Top Bracket

TA8000887 - Qty 2
M6 Nylon Insert Locknut



TA8000464 - Qty 3
Plastic Tie



TA8000710 - Qty 2
Bottom Bracket



TA8000886 - Qty 10
M6 Flatwasher



TA8000889 - Qty 6
M6 x 20 Button Head

TA8000888 - Qty 1
M4 Allen Wrench



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Part No. TA9001397_Rev1 050710