KIT INCLUDES: (1) Shroud, (1) Adjustable Bracket, (2) \( \frac{3}{4} \)-20 NC Screws, (2) Flat Washers

Please read and review all of the instructions prior to any temporary or permanent installation of this fan shroud.

**STOP**
**Carefully plan your project.** The components you are working with are essential to your vehicle’s cooling system and should be handled with care. Please think through each step of your assembly to avoid damage to your shroud and radiator.

**Step #1:** Temporarily mount the fan(s) to the shroud.

*NOTE ~* This shroud has been designed to be mounted to the radiator side channels. Please note the illustrations below:

![Photo 1: Down Flow Radiator](image1)
*PHOTO 1: DOWN FLOW RADIATOR*
*If your radiator looks like this, your side channels are here.*

![Photo 2: Cross Flow Radiator](image2)
*PHOTO 2: CROSS FLOW RADIATOR*
*If your radiator looks like this, your side channels are here.*

**Step #2:** Temporarily position the shroud on the engine side of the radiator while the radiator is in the vehicle. We recommend you temporarily center the shroud on the radiator. Please note the location of the other engine mounted devices and drive belts, because it is necessary to find a mounting location for the fan shroud which does not interfere with other components. Mark this location and remove fans for now.

**Tip:** Several vise grip type tools or small C-clamps will make holding the shroud easier to determine any clearance issues and your desired mounting location.
**DO NOT** mount your shroud to the radiator tanks, tubes of the radiator or the radiator core as this may damage your radiator. Any attempt to drill, rivet or screw your fan shroud into a radiator tank or tube will cause the radiator to leak and become unusable.

**NOTE ~** Most side channels fold out and away from the core as noted in PHOTO 1 AND 2. Some radiators have side channels which fold over the radiator core as noted in PHOTO 3. If your side channel folds over the radiator core, extreme caution should be used when either drilling through the side channel of the radiator or permanently mounting the shroud to the radiator. Safety items like a “drill stop” may be necessary for this installation. If you are unable to drill through this “fold over” style channel, other mounting fabrication must be considered to mount the fan shroud to this type of radiator. Typically the outside fin is not attached to a live tube and you can drill into the fins, but never into a tube. Check carefully.

**Step #3:** Assemble shroud and bracket finger tight, so the bracket slides freely. Photo 4 Adjust the slider so the shroud mounting flanges are aligned with the side channel. Photo 5 Mark any interference of the bracket and shroud, disassemble and trim. Photo 6 Reinstall bracket and tighten fasteners.

**Step #4:** Re-check alignment of the slider bracket and permanently mount the fan(s) to the shroud. Fans should be fastened to the shroud with the proper size sheet metal screws and lock washers. We recommend a quality thread locker compound to be used on the screws. Re-check the fan shroud clearance with fans installed. Permanently mount your shroud to the radiator and install the complete assembly back into your vehicle.

**Tip:** Please remember fan housings are typically made of injected plastic, nylon or similar materials which will break if the wrong size fastener is used or if the fastener is over tightened. All screw locations be carefully marked and a pilot hole (starter hole) be drilled so the sheet metal screw starts easily. We do not recommend mounting the radiator fan to the shroud with pop rivets as the compression pressure of the rivets may damage the fan.

We offer a complete selection of cooling system plumbing, temperature control wiring, radiator mounting and modification products to complete your cooling system project. Please ask the location where you purchased this product for more details...

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RADIATOR

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