



## CURVED BLADE ELECTRIC FANS

### MOUNTING AND WIRING INSTRUCTIONS

#### Selecting Pusher Or Puller Style Operation

Determine if the fan will be installed as a pusher or puller style. A pusher style fan mounts in front of the radiator and pushes air through the radiator. A puller style fan mounts on the backside of the radiator usually between the radiator and the engine and pulls air through the radiator.

Once the style of fan is selected, pusher or puller, follow the images below for the correct wiring instructions and fan blade installation. Verify direction of fan blade matches the corresponding image below, it may be necessary to flip the fan blade for correct operation depending on which style is selected. To change position of fan blade, remove retaining clip from shaft, remove fan blade and flip to match image. Reinstall retainer clip onto shaft.

#### Mounting Instructions

This fan includes a mounting kit that fastens the fan directly to the radiator core.

1. Position the electric fan against the radiator and mark mounting hole locations on the fins of the radiator.
2. Gently pass a small diameter Phillips screwdriver through the marked holes carefully spreading the fins to allow easy passage for the nylon retaining bolts.
3. Place the nylon retaining bolts through the mounting holes in the fan mounting shroud and then through the holes prepared in the fins of the radiator core from step 2.
4. Place washer and push nut on backside of threaded retainer bolt, securing fan to radiator. Trim off excess retaining bolt.

#### Wiring Instructions

Typically fans are wired using a fan controller or relay (sold separately and wired per manufacturer instructions.) Fans may also be installed on vehicles to replace OE type fans which use existing relays and controllers. There are many different manufacturers that offer a variety of switches and relays.

Note: Fan has two wires, one is a 12V+ positive, the other is a 12V- negative or ground.

**Pusher type:** (Figure #1) - Blue wire should be connected to 12V+ positive. Black wire to 12V- negative.

**Puller type:** (Figure #2) - Black wire should be connected to 12V+ positive. Blue wire to 12V- negative.

Pusher Style

Figure #1



→ Fan Motor Direction

Blue Wire = " + " **Positive**  
Black Wire = " - " **Negative**

Puller Style

Figure #2



← Fan Motor Direction

Black Wire = " + " **Positive**  
Blue Wire = " - " **Negative**

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