

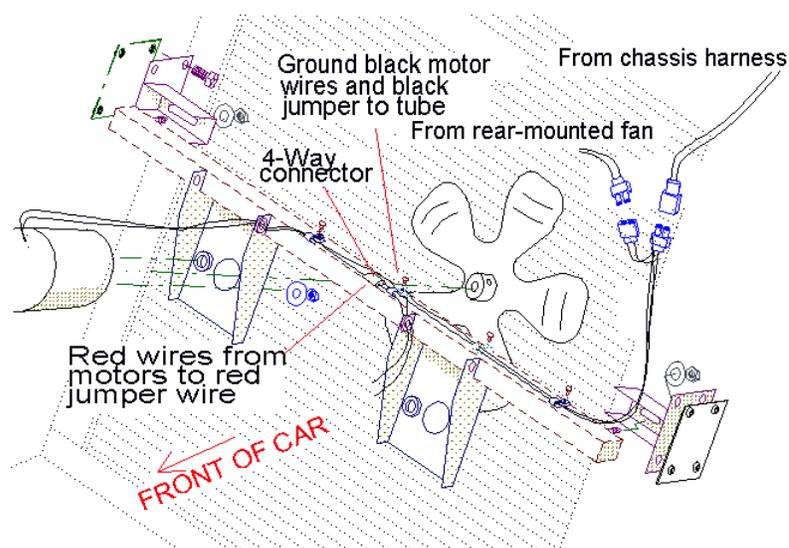
FRONT MOUNTED FANS

Parts included:

2	Fan Motor	8	$\frac{1}{4}$ " x $\frac{3}{4}$ " L Bolts, washers, lock washers
2	Fan Blade	4	Wire Clamps and screws
1	Transverse Bracket	2	$\frac{5}{16}$ " USS washer/nylock nut
2	End Mounting Plates	1	4-Way wire connector
4	8-32 Locking nuts	1	Harness w/ black, red wires
4	Large OD washers	1	For retrofit: Adapter to old harness
6	Grommets (2 sizes)		

Installation (Most parts are preassembled)

- Install the blades on the motor shafts with the concave side of the blade facing away from the motor (toward the radiator). Line up the setscrew with the flat in the shaft. Tighten the setscrew with the shaft end flush with the fan hub.
- Install the end plates as shown. Note that they are handed. The top is angled in slightly and there is a drain hole in the bottom corner. Don't tighten the nuts until after the brackets are fastened to the inner panels.
- Remove the grill splitter if you have one.
- Cut a 1" x 4" piece of wood, about 13 $\frac{1}{4}$ " long.
- Lay several pieces of cardboard 16" x 14" (stacked at least $\frac{3}{8}$ " thick) on the front face of the radiator.
- Rest the fan assembly on the cardboard, supporting the fan cross tube by placing the wood between the front of the bottom shroud and the tube. The fans will end up approximate centered vertically.
- Center the fan blades on the radiator and shift the cross tube so that it is horizontal.
- Move each end bracket out, flush with the fiberglass panel.
- Mark the fiberglass panel through the holes in the bracket.
- Remove the fan assembly and carefully drill the fiberglass panel, first with a $\frac{1}{8}$ " drill, then with a $\frac{5}{16}$ " drill.
- Install the assembly with the bolts and washers provided.
- Check that the clearance between the fan and the radiator is at least $\frac{1}{4}$ ".



Wiring

Other cars:

Connect the red wire to 12V power. The clamping connector can be used to tap into an existing wire, or the male and female spade terminals can be used to run new wires to a fuse (15A).

Connect the black wire to ground.

E.R.A. cars

(You must use a 30A fuse in the top passenger's side position one if you intend to use the front fans and rear-mounted fan simultaneously)

Up to Chassis 330:

Tap into the green harness wire (L) using the plug connectors included. Ground the black wire to the crossmember.

Chassis 330-335:

Unwrap wire #44 in the front harness (at the left front of the engine compartment). Tap into the red wire with the included jumpers.

Chassis 336 on:

Connect the dual pin connector to the harness at the front "X" member.