

# TECH TIP

## RADIATOR FAN MOTOR REPLACEMENT

**PROBLEM:** The SMP replacement fan motor won't fit my fan assembly.

The first thing you need to verify would be the application. Be sure to check the year, make, model and engine size to be sure we have the right part number to begin with. Once that has been confirmed there may still be another reason why the replacement motor won't fit the vehicle.

We also need to be sure that the Fan Assembly on the vehicle is original equipment. Verify with the OE part number off of the fan shroud or the individual fan motor to confirm this. If you are not able to find any OE part numbers on the parts coming off the vehicle there is a strong possibility that the fan assembly is an aftermarket component. Our replacement motors are designed to work with the original equipment only. So if you have an OE blade and shroud you should not have any issues installing our replacement fan motors.

Another situation to be aware of is that we are replacing many two speed Ford radiator fan motors with a one speed motor. When we cut out the low fan speed and go directly to a high speed, the vehicle will get back to operating temperatures faster. This will prolong vehicle life and discourage engine temps from creeping to unwanted temperatures. NOTE: There may be a wiring harness difference that will require hard-wiring.

