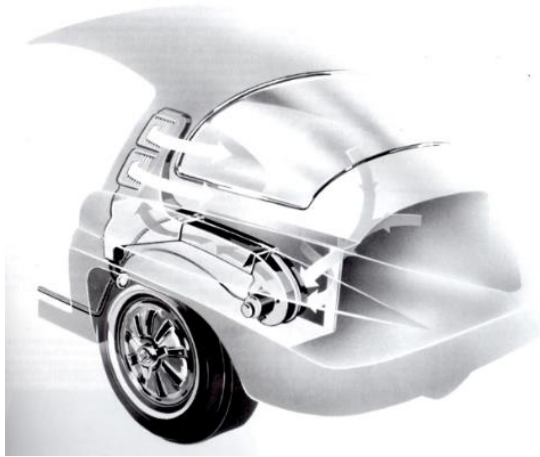


Tech Talk: 64-65 Rear Ventilation Fan

by Mike McCagh

Performance Verification checks on a 1965 Fuel-Injected coupe revealed that the rear ventilation 3-speed fan was running at only the full-speed selection. The rear ventilation fan was incorporated in only the 1964 and 1965 model coupes.



Since the wiring harness that powers the rear ventilation fan was 55 years old, I replaced the harness only to find that the fan was still running at only full-speed. The next step was to remove the entire sub-system and determine the "real" cause of the missing two lower fan speeds. Refer to your car's Assembly Instruction Manual (AIM) for wiring routing and sub-assembly components.

Basically, the sub-system consists of a 3-position switch, a cable connection harness, the rear ventilation fan and a resistor assembly.

Once the assembly was on the work bench, I duplicated the wiring harness and discovered that when 12 volts was applied to the configuration, the only speed the fan motor would turn was high. That informed me that the resistor had failed. The resistor assembly is responsible for stepping down the 12-volt input to provide the middle and low-speed settings. I found an online supplier for the resistor assembly for \$20 and ordered two. I had also found the same issue with the front heater fan.

