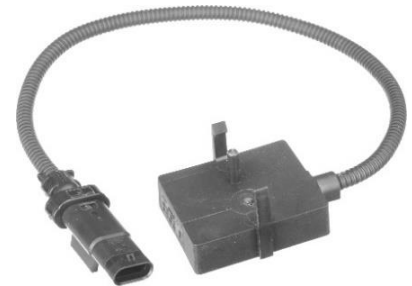


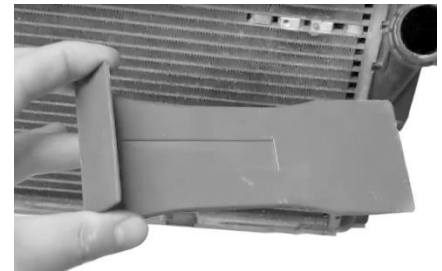
Many modern low-emission vehicles are assembled with a catalyst-coated Direct Ozone Reduction (DOR) radiator, which converts roadway ozone to oxygen as the vehicle is driven. An integrated Environmental Air Catalyst (EAC) sensor helps ensure the vehicle remains equipped with a DOR radiator for the life of the vehicle.



EAC sensors typically have a thin temperature probe that is glued inside a hole between the coolant tubes in the radiator. This plastic probe breaks off if the sensor is removed, which prevents the sensor from being swapped to a non-DOR radiator.

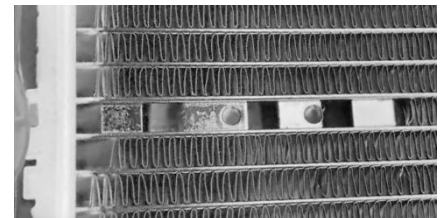
STEP 1

Remove the cooling fan and other components as needed to access to the EAC sensor. Remove the old sensor by gently prying with a wide plastic trim tool or a large putty knife. Be extremely careful to not damage the radiator coolant tubes when removing the sensor. The probe and two plastic hooks will likely break off during removal of the sensor. If possible, remove any loose bits of remaining plastic.



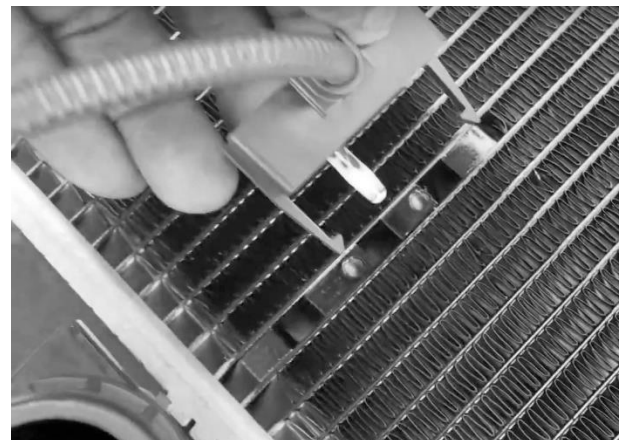
STEP 2

If the new sensor wire is long enough, the replacement sensor may be installed upside-down in the empty hole in radiator. If wire is not long enough, remove radiator from vehicle and carefully re-drill the hole to remove glue and broken probe. **The drilling depth should match the length of the probe on sensor.** Do NOT damage coolant tubes.



STEP 3

Swab a coating of aluminum-safe thermal paste (available online for computers) on the new sensor probe and inside the hole in the radiator (do not fill the hole with paste). High-temp superglue may be used instead of thermal paste if a permanent, factory-style installation is desired. Align the sensor probe with the hole, and carefully snap the new sensor into position.



STEP 4

If permanent glue was used, allow time for the glue to fully set. Reinstall the radiator (if it was removed), reconnect sensor wire, clear diagnostic trouble codes, and function test vehicle.



Installation by a professional technician is recommended. Refer to the factory repair manual for vehicle-specific service procedures for this part. Tighten all hardware to factory torque specifications and observe all repair manual cautions and warnings. Use safety stands whenever beneath a vehicle and always wear protective eyewear.