



SUBJECT

N54 - Diagnosis for FC 2AAF

MODEL

E90, E92, E93, E82, E88, E71, E60, E61 with N54 engine

SITUATION

The fault code 2AAF (Fuel pump plausibility, integral component outside valid range; currently not present) is stored in the DME. The 2AAF fault may be stored:

- Alone, without any other associated faults; there would be no any drivability complaints. The fault would **not** cause the Service Engine Soon illumination; or
- As an associate fault, together with various misfire (e.g., 29CE, 29CF, etc.) or high pressure fuel pump fault codes (e.g., 29DC, 2FBB, etc.).

INFORMATION

The fault code 2AAF (if stored alone, or without any other faults related to the low fuel pressure system) is caused by DME diagnostic sensitivity, and should not be considered an indication of low pressure system malfunction.

Do not replace the low pressure system components (e.g., EKP module, pressure sensor, electric fuel pump or filter) in order to address FC 2AAF if:

- 2AAF is the only fault stored in the MSD80/MSD81 DME which was found during diagnosis for a non-drivability related customer complaint;
- 2AAF is the only fault still stored in the MSD80/MSD81 DME after the other problems causing drivability (and SES lamp illumination) complaints have been addressed.

The low fuel pressure system should be diagnosed (using the appropriate ISIS test module) only if the 2AAF (Fuel pump plausibility) fault is stored together with other low pressure faults (e.g., 2A2D – "Fuel low pressure system, upper threshold reached" or 29F3 – "Fuel low pressure sensor, electric").

WARRANTY INFORMATION

For information only