



XK8

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303-04

SERVICE

## TECHNICAL BULLETIN

### P1609 – Pinpoint Test – Revised Procedure

MODEL 1997 MY-ON  
XK8 Range  
VIN  
001246-ON

**Issue:**

This bulletin gives revised instructions to follow when investigating Diagnostic Trouble Code (DTC) P1609.

This procedure is supplementary to the pinpoint test step A2 on page 19 of Section 303-14 in the XK8 On-Board Diagnostics Manual. Step A2 of the pinpoint test currently advises replacement of the Engine Control Module (ECM). However, the steps given below must be followed **before** replacing the ECM is acceptable.

**Action:**

Where PDU tests indicate the presence of DTC P1609, proceed as follows before replacing the ECM as indicated in step A2 of the pinpoint test:

1. Check for a possible short circuit on the flash programming pin on the harness to the Engine Control Module (EM011/003). Refer to Fig. 04.1 of the XK8 Range 1997 Electrical Guide.
2. Check for a possible short circuit on the fuel pump relay line (EM013/001). Refer to Fig. 04.2 of the XK8 Range 1997 Electrical Guide.
3. Should a short circuit exist on either of the above two lines, trace and rectify.
4. Clear the DTC. Check for its re-occurrence.
5. Should the fault code now be found to re-occur, replace the ECM.
6. Continue with step A3 of the pinpoint test.