

Issue: Throttle Data -- Download Capture

Reference X303-41v2 01/2000

Affected Vehicle VIN Range:

XK8 and XKR 1999 – 031303 to 042775
XK8 and XKR 2000 – A00116 onwards
V8 XJ Series 1999 – 853936 to 878717
V8 XJ Series 2000 – F00103 onwards

Note: Bulletin 303-41 was never released.

This data compiled from an early draft, among other sources.

The following is an outline of the initial step in reading the throttle data downloads. Upon extracting a download, please follow these instructions:

- If there was no failure indicated, note it in the case, and forward the download to product investigation with a copy of the case (including the note of "no activation").
- If there is a failure, product investigation will then complete the read, and follow-up with the results.

Initial Read:

- Locate bit address line 8b0ae2: Typically found at the bottom of the 4th page, in the "CPU2Memory" section.
- Count over 14 spaces (identifiable as the last bit in that line that has any value, all others after will be 00 00 00 00..... etc.)
- If this bit (8b0ae2) = 1 (*1, *3, *5, *7, *9, *b, *d, or *f), then the failure recorder WAS activated.
- If this bit (8b0ae2) = 0 (*0, *2, *4, *6, *8, *a, *c, or *e), then the failure recorder WAS NOT activated.

Examples:

8b0ae2: 00 00 00 5 f0 22 b8 00 00 00 d ff 1 **79** 00 00 00 00 etc.

So, "79" is the bit called 8b0ae2, and in this case, the failure recorder WAS activated.

8b0ae2: 00 00 00 00 00 60 00 00 00 00 d ff 2 **1e** 00 00 00 00 ... etc.

So, "1e" is the bit called 8b0ae2, and in this case, the failure recorder WAS NOT activated.

Note: Final software for historical fault codes is:

- | | | | | |
|---|---------|--------------|----------------|-----------------|
| ➤ | AJ27 NA | 1999 | LNE 1410BJ/xxx | |
| ➤ | AJ27 NA | 2000 MY on | LNF 1410BF/xxx | |
| ➤ | AJ27 SC | 2000-2001 MY | LNG 1410AF/xxx | [see 2002-2003] |
| ➤ | AJ27 SC | 2002-2003 MY | LNG 1410AG/xxx | [noted 6/20/12] |
- [xxx = pre-programmed market software suffix]

Please retain this information as a reference.

S Petry 01/2003
Rev. 06/2012

IDS

[IDS-DVD43_V5.1] P2 XJ Series 00 / 100-00 Complete vehicle

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8B0842 : 00 00 00 00 00 00 31 00 3 13 00 00 00 00 1 89 00 00 3C 16 00 4E 00 00 00 1 00 00 00 00 00 00
8B0862 : FF 00 FF 00 FF 00 FF 00 FF 20 20 00 7 00 00 00 FF 5A 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0882 : 00 00 00 20 80 20 00 00 00 00 8 00 00 00 00 00 00 00 00 00 2 A4 2 A4 1 5C 00 00 00 00 00 FF
8B08A2 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 2 AD 00 00 2 A4 2 AD 2 AB 2 A3
8B08C2 : 00 00 00 00 00 00 2 AC 00 00 00 00 1 B9 B6 3 00 00 2 A4 2 A4 2 A4 2 A4 00 00 20 5 00 00
8B08E2 : 20 5 1C 00 1C 00 00 00 00 00 1C 00 1C 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 8F 97
8B0902 : 8 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0922 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0942 : F8 FD BE FF 00 00 FD FF 00 B F F8 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0962 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0982 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 90 00 00 00 40 00 00 00 00 00 00 00 00 00 00
8B09A2 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B09C2 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 FF 4 58 2 84 00 84 40 6 11 28 2 41 2 28 46 10 E6 2F
8B09E2 : F2 F7 FF FD 6F AF 3F FF FB BD FF FD FE E7 00 12 12 40 18 1 00 00 2 A 00 00 2 00 22 20 FF BF
8B0A02 : FD FE F7 FD FF FE DF DD DF FF FE 7F FD EA 2 A 00 80 00 50 00 44 00 1 40 2 4 40 00 C 7F FD
8B0A22 : 7F DB FC E9 E4 FF BF FF 39 BF B9 9F FF FF 2 21 20 2 38 11 70 00 11 48 88 C0 00 26 4 4 FF 4E
8B0A42 : D3 F7 76 FF B3 F7 F7 F5 FC 1F EB DF DF DF 84 40 60 3 84 00 22 C0 1 2A 00 00 00 51 52 60 BF F5
8B0A62 : 6F 7D FD FF 7F FF F7 FF FF AD EF FF 7F 00 4 72 8 00 8 4 00 5 00 2A 10 40 00 00 00 3F BF
8B0A82 : 6F DF FF EF F5 EE B0 59 6F FD D7 FD FF FF 40 00 00 28 00 60 00 00 40 2 19 8 10 00 10 64 F5 FF
8B0AA2 : F5 BF FF FF 7F FE BF 5D F7 DF FB FF 7F F4 81 10 6 62 60 00 00 64 00 8 28 48 8 20 00 2 BF F7
8B0AC2 : E7 FC FD FF FF FF FD 8D FD DF EE FF 7F BF 1 89 00 44 00 90 50 80 4 00 00 00 4 80 20 00 DB 7F
8B0AE2 : FF DF BF EF F5 FF DB 8F EF 6F 97 FF BF 3E 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0B02 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0B22 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0B42 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0B62 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0B82 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0BA2 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0BC2 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0BE2 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0C02 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0C22 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0C42 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0C62 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0C82 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0CA2 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
8B0CC2 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

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3E signifies that a throttle fault is not indicated

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