

VBRA TECHNICAL TIPS No.21 (July 2013)

KNORR-BREMSE SYSTEMS FROM FTA

MANUFACTURER: KNORR BREMSE

MODEL: ALL TRUCKS ECU's

**CORRUPTION OF ECU'S WHEN USING THIRD PARTY
DIAGNOSTICS.**

**THIS BULLETIN GIVES YOU WARNINGS REGARDING THE USE OF
THIRD PARTY DIAGNOSTICS CORRUPTING KNORR BREMSE ECU'S
DURING DIAGNOSIS OR CODE READING AND RESET.**

ATTACHED TO THIS BULLETIN IS GUIDNCE REGARDING THIS ISSUE

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PROJECT MANAGER
VBRA LTD**

**VBRA TECHNICAL TIP
19th JULY 2013**



Product Warning

Third Party Diagnostics corrupting ECUs

The Knorr-Bremse UK Technical Helpline has recognised an increase in calls reference third party diagnostic tools. A certain level of caution needs to be taken when using third party diagnostics, especially when programming ECUs.

There are many third party diagnostic tools for electronic braking systems available within the commercial vehicle industry the majority of which have not been approved or tested by an OE vehicle manufacturer OE component supplier.

The Knorr-Bremse UK Technical Helpline has in recent weeks received an alarming increase of calls from technicians where the third party diagnostic have corrupted an ECU on a vehicle or a replacement ECU. In the majority of instances this damage has occurred during the programming or "Mirroring" process and unfortunately once the ECU has been corrupted it cannot be repaired and a replacement ECU must be fitted at a further cost. Knorr-Bremse have further evidence of this issue since we have seen an increase in corrupted ECU's returned back to our warranty department. As with most diagnostic systems, a digital foot print is always left within the ECU and with further investigation the warranty department can detect this foot print and will reject the warranty claim.

Please find below product ranges which can be corrupted.



EAC1



EAC2



EBS2



EBS5



TEBS4



TEBS G2



TEBS G2-1