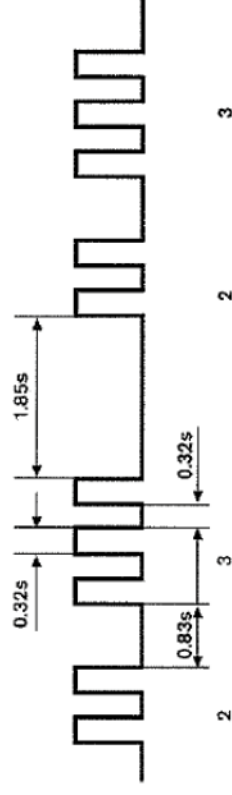


3.3 F2 Diagnostic

Error Message	Error number (Bo- das Error in Hex)	Error number (Flashing code)	save	Possible Cause	Effect	Remedy
Start calib	0 x 0001	1	no	Poti calibration started	No functions	
Poti_error	0 x 0002	2	Yes	Cable break or short cut	No functions	Reset the electronic or check the wiring
PWM1	0 x 0003	3	Yes	Cable break or short cut solenoid PWM 1	traction stopped	Check cable and solenoid
PWM2	0 x 0004	4	Yes	Cable break or short cut solenoid PWM 2	traction stopped	Check cable and solenoid
PWM3	0 x 0005	5	Yes	Cable break or short cut solenoid PWM 3	traction stopped	Check cable and solenoid
PWM4	0 x 0006	6	Yes	Cable break or short cut solenoid PWM 4	traction stopped	Check cable and solenoid
start condition	0 x 0007	7	Yes	Starting condition not full filled	No functions	Pedal in neutral position or adjust the calibration of both poti
poti_calib	0 x 0008	8	Yes	Error in poti calibration	No functions	Reset the electronic and re – configure poti
CAN_error	0 x 0009	9	Yes	CAN Diesel communication	With diesel error working mode active Travel : Speed limitation	Check wiring
Speed_Sensor	0 x 000B	11	Yes	Cable break or speed sensor damage	Speed limitation	Check wiring – Check sensor
Speed_Sensor2	0 x 000C	12	Yes	Cable break or speed sensor damage	Speed limitation	Check wiring – Check sensor
Power Supply	0 x 000D	13	no	Power supply under 7 Volt or over 30 Volt	traction stopped	Check battery or cable connection
Power_out	0 x 000E	14	no	Power supply under 7 Volt or over 30 Volt	traction stopped	Check battery or cable connection

PTC	0 x 000F	15	Yes	PTC damage	Speed limitation	Check PTC or wiring
Temperature	0 x 0010	16	no	Overheating of OIL or Engine	Only Error detection Speed limitation related to Oil temperature	
Steer_poti	0 x 0011	17	Yes	No Steering signal	Only Error detection No ASR/ABS function	Check Steering poti or cable connection
Overspeed	0 x 0012	18	Yes	Motors speed over max speed	Only Error detection	
DM1_error	0 x 0013	19	Yes	Possible Engine Drop	LLC disabled	Contact Deutz Service
Hardware err	0 x 0015	21	Yes	Hardware don't correspond to the correct one	No functions	Change Hardware
Machine type	0 x 0016	22	no	Different type of Diesel .	Only Error detection	Check pin 45 or parameter Machine Type

Example error code : error n° 23



3.4 TEACH Storage

The Storage Functions are described in the catalogue RE 95080-B *Functions of Control Panel BB-3 (VT 12321)* when used with MC Microcontroller.

Poti Calibration

- 1 With power supply OFF , Keep on the Calibration switch and switch on the power
- 2 Release the calibration switch .
- 3 With gas pedal in neutral position switch on and off the calibration switch
- 4 With gas pedal in forward direction switch on and off the calibration switch
- 5 With gas pedal in backward direction switch on and off the calibration switch
- 6 Steering wheel at maximum stroke in left side switch on and off the calibration switch
- 7 Steering wheel at maximum stroke in Right side switch on and off the calibration switch
- 8 Steering wheel at neutral position switch on and off the calibration switch

4 Safety Notes

The general safety notes mentioned in catalogue RDE 90301-01-B are to be followed.
The general safety notes mentioned in catalogue RD 95200 are to be followed.

Name and address of Country Unit

The specified data merely describe the product and do not constitute any warranted properties unless explicitly confirmed in the contract.

Name

Date

**drawn / checked:
seen:**

All right reserved – Subject to revision