



**TABLE
OF
FLASHCODES
FOR FAULT MEMORIES**

Note:

For notes on setting and repair of individual systems please consult the Repair Manuals or the relevant Service Information sheets.

Notes/additions

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BOSCH ABS/ASR 2E

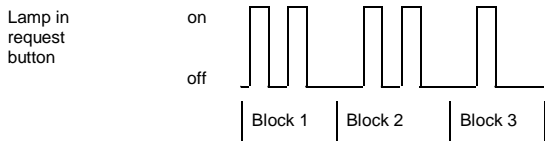
Reading out the fault memory

- Switch off ignition and connect up request button
- Switch on ignition and press button for more than 1 second

The fault codes are emitted in three blocks. The first block indicates which control unit status (configuration) is set. In the second and third blocks the faults in the diagonals FL/RR (second block) and FR/RL (third block) can be read out.

Pause between flashes approx. 0.5 s
Duration of flashes approx. 0.5 s
Pause between individual blocks approx. 1.5 s

Example of flashcode: Flashcode 2 in Block 1 for an ABS unit, flashcode 2 in Block 2 and flashcode 1 in Block 3.



Erasing the fault memory

- Switch off ignition and connect up request button
- Press button and keep it pressed
- Switch on ignition and release button after > 3 seconds

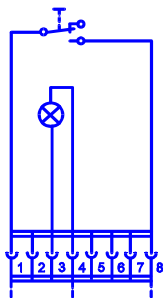
Block 1:	Flashcode
ABS unit	2
ABS unit with ASR engine control (not an MAN application)	3
ABS unit with ASR brake control (not an MAN application)	4
ABS unit with ASR brake and engine control	5

Flashcodes 3 and 4 may be emitted if components are not connected up or are defective.

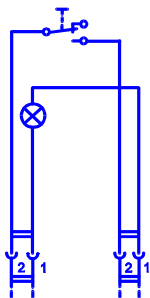
Block 2 (FL/RR) and Block 3 (FR/RL):

Fault type	Flashcode
No fault.....	1
Control unit defective	2
Speed sensor signal path:	
⇒ front: inadmissible gap	3
⇒ rear: inadmissible gap	4
⇒ front: crack or short-circuit.....	6
⇒ rear: crack or short-circuit.....	7
Undervoltage, or relay for pressure control valve cannot be triggered	9
Pressure control valve signal path:	
⇒ front	10
⇒ rear	11
Relay for pressure control valve cannot switch (sticking)	13
Signal path for ASR solenoid valve.....	14

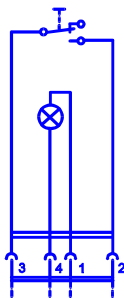
Connection diagram for request button



Bus X40
X124



X201 X202



X202

BOSCH ABS/ASR 3E

Reading out the fault memory

- Switch off ignition and connect up request button
- Switch on ignition
- Press button for > 2 seconds

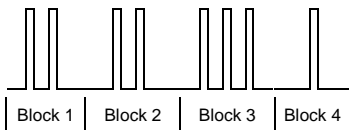
Blocks 1 and 2 indicate the configuration of the control unit. In Blocks 3 and 4 the faults in the diagonals FL/CR/RL (Block 3) and FR/CL/RR (Block 4) can be read out.

Example of flashcode: Flashcode 2 in Block 1, Flashcode 2 in Block 2, Flashcode 3 in Block 3 and Flashcode 1 in Block 4.

Lamp in
request
button

on

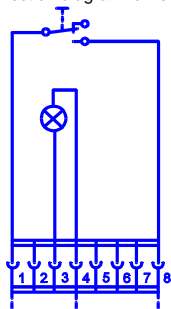
off



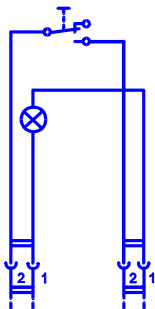
Erasing the fault memory

- Switch off ignition and connect up request button
- Press button and keep it pressed
- Switch on ignition and release button after > 3 seconds

Connection diagram for request button

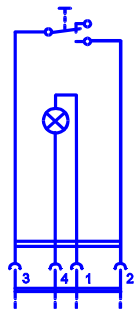


Bus X40
X124



X201

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X202