

<i>E31 Kombi</i>	
0	unknown error
1	data line to EKM
2	internal error memory
3	internal hardware-error
<i>E32 Kombi</i>	
0	Unknown error location
2	error coding plug
1	error in programing
4	error K-number
3	programming odometer
5	speed limit
<i>E34 Kombi</i>	
0	internal error (RAM)
1	internal error (ROM)
5	error in coding plug
6	error in coding plug
7	error in coding plug
8	error in coding plug
9	wrong coded coding plug
0A	overvoltage at clamp R

<i>E34 Kombi</i>	
0B	wrong K-index
10	fuel tank sensor without function
11	error coolant temperature indicator
1A	error transmission control
1B	error brake pad wear indicator
1C	error fuel reserve contact
1D	error instrument cluster button
FF	unknown error
<i>E36 Kombi</i>	
0	internal error (RAM)
5	EEPROM reading error
7	k-number error
8	A/D-converter, convert-time-overflow
9	wiring system error, Cl.15 high / Cl.R low
0a	Clamp 15 voltage peak
0D	voltage peak metering device
0E	PCVA thermal overload
0F	error SRI input
10	error tank capacity indicator
11	error coolant temperature gauge
13	error oil temperature gauge

<i>E36 Kombi</i>	
15	error 5-Volt-Supply
16	error instrument cluster push button
18	error speedometer signal
19	error engine speed sensor
1A	error injection sensor
1B	brake pad wear
1c	low fuel warning contact
1E	driver's door contact
1F	ignition key contact
FF	Unknown error location
<i>E36 Kombi</i>	
C1	signal TWEG+ (input pulse generator wheel)
C3	signal TD (engine speed)
D3	coolant temperature
C7	lever-type sensor 1
8F	overvoltage (U>16V)
8C	Clamp R
CF	SII reset
8B	chime_T3
3E	meassure works driver
3F	Latch-Up meassure works driver

<i>E36 Kombi</i>	
83	speed A
F0	CAN BUS OFF
F4	no CAN ID
F5	no CAN ID ASC1
F6	no CAN ID DME1
F7	no CAN ID DME2
F8	no CAN ID DME4
FB	no CAN ID EGS1
FF	Unknown error location
<i>E39 Kombi</i>	
C1	signal TWEG+ (input pulse generator wheel)
C3	signal TD (engine speed)
D3	coolant temperature
C7	lever-type sensor 1
8F	overvoltage (U>16V)
8C	Clamp R
CF	SII reset
8B	chime_T3
3E	meassure works driver
3F	Latch-Up meassure works driver
83	speed A

E39 Kombi	
F0	CAN BUS OFF
F4	no CAN ID
F5	no CAN ID ASC1
F6	no CAN ID DME1
F7	no CAN ID DME2
F8	no CAN ID DME4
FB	no CAN ID EGS1
FF	Unknown error location
E39 Kombi	
CD	EC signal 1
C1	signal TWEG+ (input pulse generator wheel)
C3	signal TD (engine speed)
D3	coolant temperature
CE	Outside temperature
C7	lever-type sensor 1
D7	lever-type sensor 2
8F	overvoltage (U>16V)
8D	ATS signal: telegram error or no telegram
90	Clamp 15
8C	Clamp R
CF	SII reset

<i>E39 Kombi</i>	
44	oil pressure
8B	chime_3
3F	measure works driver
BC	brake fluid level
BD	EBV
BE	light module-EEPROM error
BF	KOMBI-EEPROM error, coding incorrect/incomplete
83	speed A
88	I bus
87	K bus
F0	CAN BUS OFF
F4	no CAN ID
F5	no CAN ID ASC1
F6	no CAN ID DME1
F7	no CAN ID DME2
F8	no CAN ID DME4
FB	no CAN ID EGS1
FC	no CAN MST1
FF	Unknown error location
87	K bus
8F	overvoltage (U>16V)
C7	left lever-type sensor

<i>E46 Kombi</i>	
D7	right lever-type sensor
CE	Outside temperature
8C	Clamp R
CF	SII reset
BE	light module-EEPROM error
BF	KOMBI46-EEPROM, coding incorrect/incomplete
C1	signal TWEG+ (input pulse generator wheel)
11	TOG
83	speed A
F0	CAN BUS OFF
F4	no CAN ID
F5	no CAN ID ASC1
F6	no CAN ID DME1
F7	no CAN ID DME2
F8	no CAN ID DME4
F9	no CAN ID ASC3
FB	no CAN ID EGS1
FC	no CAN ID SMG1
FF	Unknown error location

<i>E50 Kombi</i>	
0	No Error
10	Fuel sender 1 input short to ground or VBatt
11	Fuel sender 2 input short to ground or VBatt
12	Ambient temperature Sender input short to ground or VBatt
13	VBatt > 16V - Faulty alternator regulator
20	Ignition (KL.15) is on, but ignition (KL.R) is off
21	Crank (KL.50) is on, but ignition (KL.15) is off
30	EEPROM Checksum error
31	EEPROM Checksum remote error
40	K bus error
50	KOMBI VIN does not match VIN in body ECU or is faulty or not correct
51	Automatic Gearbox ECU has transmitted gearbox fault flag
52	Wrong RIP type was received
60	CAN Off /CAN HI short to ground/CAN Low to Vbatt/CAN HI to CAN LO
61	CAN: No ID - No message from CAN for 6 s and bus is not off
62	CAN: No ASC1 - No message from ABS for 200 ms
63	CAN: No DME1 - Not received message 1 from EMS for 200 ms
64	CAN: No DME2 - Not received message 2 from EMS for 200 ms
65	CAN: No DME4 - Not received message 4 from EMS for 200 ms
66	CAN: No EGS1 - Not received message from the ATCU for 200 ms
67	CAN: No RIP1 - Not received message from the remote instrument pack
69	CAN: No INSTR5 - Not received message 4 from EMS for 2 s

<i>E50 Kombi</i>	
6A	CAN: No INSTR6 - Not received message 4 from EMS for 5 s
6B	CAN: No ASC1 - Not received message 4 from EMS for 200 ms
6C	CAN: No DME1 - Not received message 1 from EMS for 200 ms
6D	CAN: No EGS1 - Not received message from the ATCU for 200 ms
80	Fuel gauge open circuit / short- circuit detected
81	Engine gauge open circuit / short- circuit detected
82	Speedo gauge open circuit / short- circuit detected
83	Boost gauge open circuit / short- circuit detected
84	Rev. counter gauge open circuit / short- circuit detected
FF	Unknown Error
<i>E52 Kombi</i>	
3E	meassure works driver error
3F	meassure works driver (latch up)
83	speed A
87	K bus
8B	chime_3
8C	Clamp R
8F	overvoltage (U>16V)
90	Clamp 15
BC	brake fluid level
BD	EBV

<i>E52 Kombi</i>	
BE	light module-EEPROM error
BF	KOMBI-EEPROM error, coding incorrect/incomplete
C1	signal TWEG+ (input pulse generator wheel)
C7	lever-type sensor 1
CE	Outside temperature
CF	SII reset
D3	coolant temperature
F0	CAN BUS OFF
F4	no CAN ID
F5	no CAN ID ASC1
F6	no CAN ID DME1
F7	no CAN ID DME2
F8	no CAN ID DME4
FF	Unknown error location
<i>E85 Kombi</i>	
20	Airbag
87	K bus
8F	overvoltage (U>16V)
C7	left lever-type sensor
D7	right lever-type sensor
CE	Outside temperature

<i>E85 Kombi</i>	
8C	Clamp R
BE	light module-EEPROM error
BF	KOMBI46-EEPROM, coding incorrect/incomplete
C1	signal TWEG+ (input pulse generator wheel)
83	speed A
F0	CAN BUS OFF
F4	no CAN ID
F5	no CAN ID ASC1
F6	no CAN ID DME1
F7	no CAN ID DME2
F8	no CAN ID DME4
FB	no CAN ID EGS1
FC	no CAN ID SSG1
FF	Unknown error location
<i>R4 Kombi</i>	
0	No error
87	Short circuit to ground or batt+
8C	Clamp R
8F	overvoltage (U>16V)
BE	light module-EEPROM error

R4 Kombi	
BF	KOMBIR40-EEPROM, coding incorrect/incomplete
C1	signal TWEG+ (input pulse generator wheel)
C3	TD
C7	lever-type sensor
CE	Outside temperature
CF	SII reset
F0	CAN BUS OFF
F4	no CAN ID
F5	no CAN ID ASC1
F6	no CAN ID DME1
F7	no CAN ID DME2
F8	no CAN ID DME4
FB	no CAN ID EGS1
FF	Unknown error location
R5 Kombi	
0	No Error
87	K-Bus shorted to ground or VBatt
8F	VBatt > 16V - Faulty alternator regulator
C7	Fuel sender input short to ground or VBatt
CE	Ambient temperature Sender input short to ground or VBatt
8C	KL.R implausible condition

R5 Kombi	
CF	SIA Reset error - DS2 pin shorted to ground longer than 1 minute
BE	LM-EEPROM-Error
BF	EEPROM Checksum error
C1	TWEG + (Tacho) Engine RPM >3000 rpm for 10 minutes without distance
C3	TD - Fuel used but engine speed is 0 for longer than 1 second
8D	Emergency mode/Automatic gearbox ECU has transmitted gearbox fault
F0	CANOff - CAN HI short to ground/CAN Low to Vbatt/CAN HI to CAN LO
F4	CAN: No ID - No message from CAN for 1500ms and bus is not off
F5	CAN: No ASC1 - No message from ABS for 1500ms
F6	CAN: No DME1 - Not received message 1 von EMS for 1500ms
F7	CAN: No DME2 - Not received message 2 von EMS for 1500ms
F8	CAN: No DME4 - Not received message 4 von EMS for 1500ms
FD	CAN: No DME5 - Not received message 5 von EMS for 1500ms
FB	CAN: No EGS1 - Not received message von ATCU für 1500ms
FC	CAN: No RIP1 - Not received message from the remote instrument pack
FF	Unknown Error