



DATA COMPENDIUM

FAULT MESSAGES

TRUCKNOLOGY GENERATION









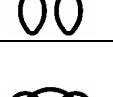
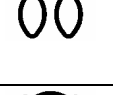
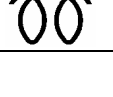
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| Display | Text in display | Check lamp panel | LED | Buz-zer- | Remarks |
|---|------------------------------------|------------------|---------|----------|--|
|  | Switch defective - foglamps | - | - | yes | |
|  | Switch defective – low beam | - | - | yes | |
|  | Switch defective – high beam | - | - | yes | |
|  | Switch defective – headlight flash | - | - | yes | |
|  | Switch defective – parking lights | - | - | yes | |
|  | Brake pad/lining wear | - | yel-low | yes | Limit of wear reached in at least one brake lining/pad |
|  | Parking brake display defective | - | - | yes | Parking brake display not possible, as CAN signal not available |
|  | Apply parking brake | - | - | yes | |
|  | Pre-glow | - | - | yes | Refers to pre-glow period |
|  | Pre-glow again | - | - | yes | Shows that readiness for starting has expired, pre-glow must be repeated |
|  | Start engine | - | - | yes | Refers to readiness for starting |

SPN..... Control unit/System..... Fault message

00173..... CNG Exhaust temperature sensor
00173..... EDC Exhaust temperature before particulate filter
00174..... all Fuel temperature
00175..... all Engine oil temperature
00177..... all Transmission fluid temperature
00190..... all Engine speed
00191..... all Gearbox output speed
00228..... RAS..... Speed speedometer and sensor
00245..... all Vehicle mileage
00359..... all Kickdown switch signal
00512..... EMOS Driver request torque
00513..... all Engine torque
00514..... CRT..... Friction torque
00514..... EMOS 'Engine friction loss moment' signal
00518..... all Requested Torque
00520..... all Current retarder torque
00521..... all Brake pedal setting
00523..... all Current gear
00525..... EMOS Nominal gear signal
00544..... CRT..... Faulty engine speed signal
00556..... all Reference torque of the retarder
00558..... all Unladen driving switch signal
00560..... CRT..... CAN message ETC 1
00561..... all ASR engine check switch
00562..... all ASR brake check switch
00563..... all ABS active signal
00572..... all Retarder switch shift assistant
00578..... all Rear axle temperature
00582..... all Axle load
00595..... all Cruise control active signal
00597..... all Brake switch signal
00598..... KSM Clutch switch signal
00601..... all Road speed governor resume switch
00603..... EBS Pedal brake module switch 2
00609..... EBS Central control unit - B-controller
00609..... EDC Engine CAN
00617..... all Parking brake output

| SPN..... | Control unit/System..... | Fault message |
|------------|--------------------------|---|
| 03010..... | KSM | CAN data bus: Time overrun when receiving ECAM message ECAM1. |
| 03010..... | LGS | Turn indicator signal |
| 03010..... | RET | CAN data bus, start error monitoring |
| 03010..... | SKG | On-board voltage (terminal 30) |
| 03010..... | TBM | No GPS signal |
| 03010..... | TPM | Slight leakage: Slight pressure loss at min. one tyre > approx. 20 mbar/h |
| 03010..... | TUER | incorrect CAN command, door lock |
| 03011..... | CNG | Heating probe before catalytic converter (output stage) |
| 03011..... | EBS | Control unit defective; error in service brake valve characteristic |
| 03011..... | ECAS | Control unit (checksum parameter) |
| 03011..... | EDC | Angle of injection start |
| 03011..... | EHLA..... | Signature EOL parameter |
| 03011..... | FFR | EVB pressure sensor |
| 03011..... | KSM | CAN data bus: Time overrun when receiving CBR message Aux_Stat_Zbr1. |
| 03011..... | LGS | Left loudspeaker |
| 03011..... | TBM | GPS aerial current |
| 03011..... | TPM | Pressure in left outer tyre, axle 1 |
| 03011..... | TUER | Central locking does not lock |
| 03012..... | EBS | Control unit defective; incompatibility in data record version number |
| 03012..... | ECAS | Control unit (checksum calibration data travel sensors) |
| 03012..... | EDC | CAN module |
| 03012..... | EHLA..... | Value range EOL parameter |
| 03012..... | KSM | CAN data bus: Time overrun when receiving CBR message Time_Date. |
| 03012..... | LGS | Right loudspeaker |
| 03012..... | RET | Pressure from cooler valve (brake lamp) |
| 03012..... | TPM | Pressure in left inner tyre, axle 1 |
| 03013..... | EBS | Control unit defective; characteristic in EEPROM not plausible |
| 03013..... | ECAS | Control unit (checksum calibration data pressure sensors) |

SPN..... Control unit/System..... Fault message

03061 EDC Ser. EEPROM: Actuator test checksum

03061 EHLA.....Angle encoder, steering axle 4, track 2

03061 FFR CAN data bus: Time overrun when receiving
EDC message engine configuration.

03062 ASTSwitch off power take-off 2

03062 EBS..... CAN data bus driveline, receive time exceeded in
'Cruise Control/Vehicle Speed' message from
the EDC via vehicle management computer

03062 ECAS CAN message VSC1

03062 EDC Ser. EEPROM: Starter monitoring checksum

03062 EHLA..... Angle encoder, front axle, differential

03062 FFR CAN data bus: Time overrun when receiving
EDC message EDC1.

03063 ASTSwitch on power take-off 1

03063 EBS..... CAN data bus driveline, receive time exceeded
in vehicle weight measurement message
from the ECAS

03063 ECAS CAN message EEC1

03063 EDC After-run not completed

03063 EHLA.....Angle encoder, front axle, total voltage

03063 FFR CAN data bus: Time overrun when receiving
EDC message EDC2.

03064 ASTSwitch on power take-off 2

03064 EBS..... CAN data bus driveline, values for vehicle weight
in the 'Vehicle Weight' message from
the ECAS outside the range

03064 ECAS CAN message EBC2

03064 EDC Stand alone mode EDC

03064 EHLA..... Angle encoder, front axle

03064 FFR BotCAN data bus: Time overrun when receiving
EDC message EDC3.

03065 EBS..... CAN data bus driveline, receive time exceeded
in TSC1_ACC message from the ACC

03065 ECAS CAN message FFR_1

03065 EDC Triggering individual operation

03065 EHLA..... Angle encoder, front axle, track 1

SPN..... Control unit/System..... Fault message

- 03121 CNG Ignition output stage cylinder 1
- 03121 EBS Pressure control module, left front axle,
pad wear sensor A outside permitted value range
- 03121 EHLA Joystick both sides
- 03121 FFR CAN data bus: EDC message EDC4, byte 7
- 03121 TPM Slight leakage from left outer tyre, axle 2
- 03121 ZBRO Battery master switch 4
- 03122 AST Mechanical fault (large valve for opening the clutch)
- 03122 CNG Ignition output stage cylinder 2
- 03122 EBS Pressure control module, left front axle,
pad wear sensor B outside permitted value range
- 03122 EHLA Joystick, sustained operation
- 03122 FFR CAN data bus: EDC message EDC4, byte 8
- 03122 TPM Slight leakage from left inner tyre, axle 2
- 03122 ZBRO Starting assistance
- 03123 AST Mechanical fault (large valve for closing the clutch)
- 03123 CNG Ignition output stage cylinder 3
- 03123 EBS Pressure sensor (front axle left or front axle)
outside valid range
- 03123 FFR CAN data bus: EDC message EDC5, byte 1
- 03123 TPM Slight leakage from right inner tyre, axle 2
- 03123 ZBRO Starting assistance check
- 03124 AST Clutch travel fault
- 03124 CNG Ignition output stage cylinder 4
- 03124 EBS Pressure control module, left front axle, time for
'Current pressure' inquiry too long
- 03124 EHLA Configuration of axle count
- 03124 EMOS Clutch travel sensor signal
- 03124 FFR CAN data bus: EDC message EDC5, byte 2
- 03124 TPM Slight leakage from right outer tyre, axle 2
- 03124 ZBRO Ignition on switched off
- 03125 AST Pressure limiting valve fault
- 03125 CNG Ignition output stage cylinder 5
- 03125 EBS... Pressure control module, left front axle, poor ventilation
- 03125 EHLA Locking monitoring steering axle 1
- 03125 FFR CAN data bus: EDC message EDC5, bytes 3 and 4
- 03126 AST Pressure signal faulty

SPN..... Control unit/System..... Fault message

03185..... CNG Total exhaust-relevant errors (ASE) cylinder 5,
damaging to catalytic converter

03185..... EBS Pressure control module, right front axle,
faulty outlet and backup valve checkback

03185..... EHLA..... CAN signal 'Day' in 'Time/Date' message

03185..... FFR CAN data bus: Retarder message RET_Conf,
bytes 5 and 6

03186..... AST CAN data bus primary retarder WSK, ERC1_WSK

03186..... CNG Total exhaust-relevant errors (ASE) cylinder 6,
damaging to catalytic converter

03186..... EBS Pressure control module, right front axle,
faulty outlet and intake valve checkback

03186..... EHLA..... CAN signal 'Month' in 'Time/Date' message

03186..... FFR CAN data bus: Retarder message RET_Conf, byte 7

03187..... AST ..CAN data bus primary retarder configuration information

03187..... CNG Total exhaust-relevant errors (ASE), total,
damaging to catalytic converter

03187..... EBS Pressure control module, right front axle,
faulty outlet and intake and backup valve checkback

03187..... EHLA..... CAN signal 'Year' in 'Time/Date' message

03187..... FFR CAN data bus: Retarder message RET_Conf,
bytes 8 and 9

03188..... AST Control unit fault, incorrect interrupt

03188..... CNG Input parameters filling acquisition

03188..... EBS Pressure control module, right front axle

03188..... EHLA..... CAN signal 'Engine Speed'

03188..... FFR CAN data bus: Retarder message RET_Conf, byte 10

03189..... AST Control unit fault, stack watch

03189..... EBS Pressure control module, right front axle

03189..... EHLA..... CAN signal 'Front Axle Speed'

03189..... FFR CAN data bus: Retarder message RET_Conf,
bytes 11 and 12

03190..... AST EOL EEPROM parameter outside valid range

03190..... EBS Pressure control module, right front axle,
no CAN reception from module

03190..... EHLA..... CAN signal 'Tachograph Vehicle Speed'

03190..... FFR CAN data bus: Retarder message RET_Conf, byte 13

SPN..... Control unit/System..... Fault message

03245..... ZBRO.....ECE36 emergency shut-off
03246..... EBS..... Pressure control module, left rear axle,
wheel compensation fault wheel sensor B
03246..... EHLA..... Incorrect operation
03246..... ZBRO.....Cooling water level probe not connected
03247..... EBS..... Pressure control module, left rear axle,
electrical power supply fault, axle load sensor
03247..... EHLA.....Parameters for controls
03247..... FFR..... CAN data bus: Time overrun when receiving
ESP message VDC1.
03247..... ZBRO..... Engine oil pressure warning contact not conn.
03248..... EBS..... Pressure control module, left rear axle,
pressure differential on pressure control module pair,
rear axle
03248..... EHLA..... Control, sticking
03248..... ZBRO.....EDC malfunction (before 1st starting attempt)
03249..... EBS..... Redundant pressure rear axle
03249..... EHLA..... Second non-volatile memory, inconsistent
03249..... ZBRO.....EDC malfunction (engine running)
03250..... EBS..... Pressure control module, right rear axle, no fault
03250..... EHLA..... Geometry parameters
03250..... FFR..... Comfort Shift inputs (CS1 and CS2)
03250..... ZBRO.....EDC malfunction (starting not possible)
03251..... EBS..... Pressure control module, right rear axle,
interruption, short-circuit wheel sensor A
03251..... EHLA..... Axle movement parameters
03251..... FFR..... RSG/RSL switch
03251..... TPM..... Medium leakage from left outer tyre, axle 5
03251..... ZBRO..... Hydro fan oil level too low
03252..... EBS..... Pressure control module, right rear axle,
wheel sensor A: Delay too long
03252..... EHLA.....Steering reduction parameters
03252..... FFR..... Splitter switch
03252..... TPM..... Medium leakage from left inner tyre, axle 5
03252..... ZBRO.....FFR check
03253..... EBS..... Pressure control module, right rear axle,
wheel sensor A: Moving off fault

SPN..... Control unit/System..... Fault message

03342..... EBS..... Pressure control module E,
12/24 volt incompatibility between control unit and
pressure control module

03342..... TPM Severe leakage from left inner tyre, axle 4

03342..... ZBRO Flap 3 left open

03343..... EBS..... Pressure control module E,
high cycle protection intake valve active,
pressure < 4 bar

03343..... TPM Severe leakage from right inner tyre, axle 4

03343..... ZBRO Flap 4 left open

03344..... EBS..... Pressure control module E,
arithmetic test not successful

03344..... TPM Severe leakage from right outer tyre, axle 4

03344..... ZBRO Battery flap open

03345..... EBS..... Pressure control module E,
wheel compensation fault wheel sensor A

03345..... ZBRO Flap in rear flap open

03346..... EBS..... Pressure control module E,
wheel compensation fault wheel sensor B

03346..... ZBRO Engine stop in rear

03347..... EBS..... Pressure control module E,
electrical power supply fault, axle load sensor

03348..... EBS..... Pressure control module E,
pressure differential on pressure control
module pair, rear axle

03349..... EBS..... Pressure control module E

03350..... EBS..... Pressure control module F, no fault

03351..... EBS..... Pressure control module F,
interruption, short-circuit wheel sensor A

03351..... TPM Severe leakage from left outer tyre, axle 5

03352..... EBS..... Pressure control module F,
wheel sensor A: Delay too long

03352..... TPM Severe leakage from left inner tyre, axle 5

03353..... CNG Pressure sensor charge air pressure

03353..... EBS..... Pressure control module F,
wheel sensor A: Moving off fault

03353..... TPM Severe leakage from right inner tyre, axle 5

SPN..... Control unit/System..... Fault message

03495..... EBS..... ESP, rotational speed sensor,
plausibility monitoring not valid for model

03496..... EBS..... ESP, rotational speed sensor
incorrectly mounted, incorrect steering angle sign

03497..... EBS..... ESP, rotational speed sensor,
plausibility monitoring between rotational
speed and steering angle

03500..... EBS..... ESP, no CAN communication with ESP

03500..... FFR..... CAN databus: Time overrun message
RET_CONF_RX_M

03500..... KSM..... First faulty EOL LID

03500..... ZBR2..... Brake (ABS/ASR/ EBS)

03501..... EBS..... ESP, software incompatible

03501..... FFR..... CAN databus: Time overrun message ERC1_RX_M

03501..... OBDU..... Alternator charge check failure

03501..... ZBR2..... Electrical power supply to trailer ABS

03502..... EBS..... ESP, 12/24V incompatible with EBS

03502..... FFR..... CAN databus: Time overrun message TANK_INFO

03502..... OBDU..... Charging voltage too high

03502..... ZBR2..... Brake lamp, tractive unit

03502..... ZBRO..... Brake lamp

03503..... FFR..... CAN databus: Time overrun message ENG_TEMP_M

03503..... OBDU..... Vehicle system voltage often too low

03503..... ZBR2..... Brake lamp in trailer

03503..... ZBRO..... Brake lamp trailer

03504..... EBS..... ESP, ALU test failed

03504..... FFR..... CAN databus: Time overrun message
ENG_TEMP_M_TIMEOUT_SPN

03504..... OBDU..... Battery undervoltage after vehicle parked up

03505..... EBS..... ESP, output stage defective

03505..... FFR..... CAN databus: Time overrun message EFLP_M

03505..... OBDU..... Charge voltage too low for long period
when engine running

03506..... EBS..... ESP, intervention not plausible

03506..... FFR..... CAN databus: Time overrun message FUEL_ECO_M

03506..... OBDU..... Vehicle system voltage too low for long
period when engine running

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SPN..... Control unit/System..... Fault message

| | | |
|-------|-----|---|
| 03759 | EDC | Send error message slot 3 to partner EDC |
| 03760 | EDC | Send error message slot 4 to partner EDC |
| 03761 | EDC | Send error message slot 5 to partner EDC |
| 03762 | EDC | Timeout of the CAMD_ANA message |
| 03763 | EDC | Timeout of the CAMD_CMOL message |
| 03764 | EDC | Timeout of the CAMD_CONTROL message |
| 03765 | EDC | Timeout of the CAMD_FFR1 message |
| 03766 | EDC | Timeout of the CAMD_FFR2 message |
| 03767 | EDC | Timeout of the CAMD_FFR3 message |
| 03768 | EDC | Fault status of the CAMD_INIT message |
| 03769 | EDC | Timeout of the CAMD_Limit message |
| 03771 | EDC | Master / slave error in reception of vehicle management computer CAN |
| 03772 | EDC | Monitoring terminal 15 |
| 03773 | EDC | Operating mode change error master/slave |
| 03774 | EDC | Temporary CMOL mode of the partner EDC |
| 03775 | EDC | Rail pressure monitoring |
| 03776 | EDC | Excessive positive control differential (control system cannot compensate for too low rail pressure) |
| 03777 | EDC | Excessive negative control differential (control system cannot compensate for too high rail pressure) |
| 03778 | EDC | Rail pressure: Leakage in overrun conditions |
| 03779 | EDC | Rail pressure: Leakage in quantity compensation |
| 03780 | EDC | Rail pressure: High controller output when idling |
| 03781 | EDC | Pressure relief valve open (pressure too high) |
| 03782 | EDC | Fuel supply pressure dynamic |
| 03783 | EDC | FFR (vehicle management computer) 2: Bit error max. permitted engine acceleration |
| 03784 | EDC | Bit error smoke ID |
| 03785 | EDC | Monitoring particle filter/PM catalytic converter |
| 03786 | EDC | Particulate filter temperature limits |
| 03787 | EDC | No particulate filter regeneration |
| 03788 | EDC | Exhaust differential pressure |
| 03789 | EDC | Exhaust differential pressure sensor |
| 03790 | EDC | Exhaust differential pressure plausibility |

SPN..... Control unit/System..... Fault message

04025..... EBS..... Central control unit EEPROM: Implausible values in
'Own axle configuration' block

04025..... INT CAN data bus, BusOff

04025..... SFFR..... Engine CAN

04025..... ZBR2..... Rear fog lamp, trailer

04025..... ZBRO..... Rear fog lamp trailer

04026..... EBS..... Central control unit EEPROM: Checksum error in
'Own axle configuration' block

04026..... INT CAN data bus, message EBC1 from EBS/ABS

04026..... SFFR..... MMDS CAN

04026..... ZBR2..... Fog lamp, right

04026..... ZBRO..... Fog lamp right

04027..... EBS..... Central control unit EEPROM: Implausible values in
'General CAN configuration' block

04027..... INT CAN data bus, acknowledge system error

04027..... SFFR..... Engine CAN: Time overrun when receiving EDC
message EDC1

04027..... ZBR2..... Fog lamp, left

04027..... ZBRO..... Fog lamp left

04028..... EBS..... Central control unit EEPROM: Checksum error in
'General CAN configuration' block

04028..... INT CAN data bus, message EEC1 from EDC

04028..... SFFR..... Engine CAN: Time overrun when receiving EDC
message EDC2

04028..... ZBR2..... Switch-on enable check lamp, fog lamps

04029..... EBS..... Central control unit EEPROM: Implausible values in
'General function configuration' block

04029..... INT CAN data bus, message TCO1 from tachograph

04029..... SFFR..... Engine CAN: Time overrun when receiving EDC
message EDC3

04029..... ZBR2..... Relay, additional fog lamps

04030..... EBS..... Central control unit EEPROM: Checksum error in
'General function configuration' block

04030..... INT LED

04030..... SFFR..... Engine CAN: Time overrun when receiving EDC
message EDC4

04030..... ZBR2..... Current, parking light, tractive unit, right

SPN..... Control unit/System..... Fault message

04133..... EBS..... Pressure module control unit on wheel 5,
EEPROM data record is not compatible with the system

04133..... EMOS Timeout of PROP_A message

04134..... EBS..... Pressure module control unit on wheel 5,
EEPROM cannot be written

04134..... EMOS Tear-off or undervoltage of VPHS (TL 30-1).
Pump inoperative or only operable with restrictions.

04135..... EBS..... Pressure module control unit on wheel 6,
EEPROM data record is not compatible with the system

04135..... EMOS Tear-off or undervoltage of VP (TL 30-2).
Redundant power supply is no longer available.

04136..... EBS..... Pressure module control unit on wheel 6,
EEPROM cannot be written

04136..... EMOS Tear-off or excessive voltage drop of VMHS
(TL 31-1). ECU power supply via VM (TL 31-2).
Pump inoperative or only operable with restrictions.

04137..... EBS..... Power supply pressure module on wheel 1,
short circuit to terminal 15

04138..... EBS..... Power supply pressure module on wheel 1

04139..... EBS..... Power supply pressure module on wheel 1,
short circuit between the connection cables

04139..... EMOS Main switch-off relay 1 discontinuity

04140..... EBS..... Power supply pressure module on wheel 2,
short circuit to terminal 15

04141..... EBS..... Power supply pressure module on wheel 2

04141..... EMOS Main switch-off relay 2 discontinuity

04142..... EBS..... Power supply pressure module on wheel 2,
short circuit between the connection cables

04143..... EBS..... Power supply pressure module on wheel 3,
short circuit to terminal 15

04144..... EBS..... Power supply pressure module on wheel 3

04145..... EBS..... Power supply pressure module on wheel 3,
short circuit between the connection cables

04146..... EBS..... Power supply pressure module on wheel 4,
short circuit to terminal 15

04147..... EBS..... Power supply pressure module on wheel 4

SPN..... Control unit/System..... Fault message

04313..... EBS..... Wheel 2 in conjunction with ABS logic:
ABS is demanding insufficient brake pressure over
an implausibly long time

04313..... ZBRO..... Windscreen wiper stage 1

04314..... EBS..... Wheel 3 in conjunction with ABS logic:
ABS is demanding insufficient brake pressure over
an implausibly long time

04314..... ZBRO..... Windscreen wiper stage 2

04315..... EBS..... Wheel 4 in conjunction with ABS logic:
ABS is demanding insufficient brake pressure over
an implausibly long time

04316..... EBS..... Wheel 5 in conjunction with ABS logic:
ABS is demanding insufficient brake pressure over
an implausibly long time

04317..... EBS..... Wheel 6 in conjunction with ABS logic:
ABS is demanding insufficient brake pressure over
an implausibly long time

04318..... EBS..... Wheel 1 in conjunction with ABS logic:
Wheel speed error

04319..... EBS..... Wheel 2 in conjunction with ABS logic:
Wheel speed error

04320..... EBS..... Wheel 3 in conjunction with ABS logic:
Wheel speed error

04321..... EBS..... Wheel 4 in conjunction with ABS logic:
Wheel speed error

04322..... EBS..... Wheel 5 in conjunction with ABS logic:
Wheel speed error

04323..... EBS..... Wheel 6 in conjunction with ABS logic:
Wheel speed error

04324..... EBS..... Wheel 1 in conjunction with ABS logic:
Change between active and inactive ABS
intervention too fast

04325..... EBS..... Wheel 2 in conjunction with ABS logic:
Change between active and inactive ABS
intervention too fast

| SPN..... | Control unit/System..... | Fault message |
|------------|--------------------------|--|
| 04453..... | EBS..... | Central control unit - B-controller: Configured service brake module characteristic has exceeded range |
| 04454..... | ACC..... | Engine intervention not by ACC, driver, gearbox, HGB, FGB, EDR or brake |
| 04454..... | EBS..... | Central control unit - B-controller: Implausibly large difference between the deceleration requirements calculated by both controllers |
| 04455..... | ACC..... | No engine revs / invalid CAN message EEC1.Engine revs |
| 04455..... | EBS..... | Central control unit - B-controller critical: Variable range overrun or invalid function call |
| 04456..... | ACC..... | No accelerator pedal / invalid CAN message EEC2.Accelerator pedal |
| 04456..... | EBS..... | Central control unit - B-controller critical: Checksum error in boot loader software |
| 04457..... | ACC..... | No accelerator pedal / invalid CAN message EEC2.Idling speed switch |
| 04457..... | EBS..... | Central control unit B-controller critical: Checksum error in external flash memory |
| 04458..... | ACC..... | No RX / Invalid CAN message ERC1_RX. Torques (engine brake) |
| 04458..... | EBS | Central control unit B-controller critical: RAM check failed |
| 04459..... | ACC..... | No RD / Invalid CAN message ERC1_RD. Torques (secondary retarder) |
| 04459..... | EBS..... | Central control unit B-controller critical: Arithmetic comparison test in microcontroller failed |
| 04460..... | ACC..... | No RE / Invalid CAN message ERC1_RE. Torques (primary retarder) |
| 04460..... | EBS..... | Central control unit B-controller critical: Stack memory overrun |
| 04461..... | ACC..... | Retarder intervention fault |
| 04461..... | EBS..... | Central control unit B-controller critical: SWI instruction or watchdog or clock pulse generator or PLL defect or external interruption was activated |
| 04462..... | ACC..... | No earth |

SPN..... Control unit/System..... Fault message

04555..... EBS..... Pressure module control unit on wheel 1:
Axle load sensor electrical power supply
is not switched on

04556..... ACC..... Sensor CAN fault / if Bus-Off is reached

04556..... EBS..... Pressure module control unit on wheel 1:
Axle load sensor electrical power supply
short circuit to terminal 30

04557..... ACC..... SSTA not received

04557..... EBS..... Pressure module control unit on wheel 1:
incorrect / inconsistent data record
parameter in EEPROM

04558..... ACC..... STGT not received

04558..... EBS..... CAN signal brake on wheel 1: No communication

04559..... ACC..... STGT2 not received

04559..... EBS..... Pressure module control unit on wheel 2:
Axle load sensor electrical power supply
is not switched on

04560..... ACC..... Radar fault / internal radar fault

04560..... EBS..... Pressure module control unit on wheel 2:
Axle load sensor electrical power supply
short circuit to terminal 30

04561..... ACC..... Radar fault / incorrect or irreparably damaged
radar software (ERROR_SOFTWARE1)

04561..... EBS..... Pressure module control unit on wheel 2:
incorrect / inconsistent data record
parameter in EEPROM

04562..... ACC..... Radar fault / Incorrect or irreparably damaged
radar software (ERROR_SOFTWARE2)

04562..... EBS..... CAN signal brake on wheel 2: No communication

04563..... ACC..... Radar fault / supply voltage too high

04563..... EBS..... Pressure module control unit on wheel 3:
Axle load sensor electrical power supply
is not switched on

04564..... ACC..... Radar fault / supply voltage too low

04564..... EBS..... Pressure module control unit on wheel 3:
Axle load sensor electrical power supply
short circuit to terminal 30

SPN..... Control unit/System..... Fault message

| | | |
|-------|------|--|
| 04675 | ZBRO | Door 1 / panel 1 open |
| 04676 | EBS | CAN signal brake on wheel 8 |
| 04676 | ZBRO | Door 1 / panel 1 opening |
| 04677 | EBS | CAN signal brake on wheel 9 |
| 04677 | ZBRO | Door 1 / panel 1 closing |
| 04678 | EBS | CAN signal brake on wheel 10 |
| 04678 | ZBRO | Door 1 / panel 2 open |
| 04679 | EBS | CAN signal brake on wheel 7, time overrun of message 11 |
| 04679 | ZBRO | Door 1 / panel 2 opening |
| 04680 | EBS | CAN signal brake on wheel 7, time overrun of message 12 |
| 04680 | ZBRO | Door 1 / panel 2 closing |
| 04681 | EBS | CAN signal brake on wheel 7, time overrun of message 13 |
| 04681 | ZBRO | Door 1 request stop display |
| 04682 | EBS | CAN signal brake on wheel 7, time overrun of message 14 |
| 04682 | ZBRO | Door 1 request stop display |
| 04683 | EBS | CAN signal brake on wheel 7, time overrun of message 21 |
| 04683 | ZBRO | Door 1 request stop by person with disability |
| 04684 | EBS | CAN signal brake on wheel 7, time overrun of message 22 |
| 04684 | ZBRO | Door 1 ignition on |
| 04685 | EBS | CAN signal brake on wheel 7, time overrun of message 23 |
| 04685 | ZBRO | Door 1 entry lighting |
| 04686 | EBS | CAN signal brake on wheel 7, time overrun of message 24 |
| 04686 | ZBRO | Door 1 in local mode |
| 04687 | EBS | CAN signal brake on wheel 8, time overrun of message 11 |
| 04687 | ZBRO | Door 2 request stop by person with disability |
| 04688 | EBS | CAN signal brake on wheel 8, time overrun of message 12 |
| 04688 | ZBRO | Door 1 ready |

SPN..... Control unit/System..... Fault message

04800..... EBS..... Pressure module pressure control on wheel 7:
Implausible pressure differential right/left
04800..... ZBR2..... Status signal, central locking
04801..... EBS..... Pressure module pressure control on wheel 8:
Implausible pressure differential right/left
04801..... ZBRO..... Central locking left checkback open
04802..... EBS..... Pressure module pressure control on wheel 9:
Implausible pressure differential right/left
04802..... ZBRO..... Open central locking left
04803..... EBS..... Pressure module pressure control on wheel 10:
Implausible pressure differential right/left
04803..... ZBRO..... Open central locking left
04804..... EBS..... Pressure module pressure control on wheel 7:
Implausible pressure when no braked applied
04804..... ZBRO..... Lock central locking left
04805..... EBS..... Pressure module pressure control on wheel 8:
Implausible pressure when no braked applied
04805..... ZBRO..... Lock central locking left
04806..... EBS..... Pressure module pressure control on wheel 9:
Implausible pressure when no braked applied
04806..... ZBRO..... Central locking left checkback locked
04807..... EBS..... Pressure module pressure control on wheel 10:
Implausible pressure when no braked applied
04807..... ZBRO..... Central locking right checkback open
04808..... EBS..... Pressure module pressure control on wheel 7:
Implausible pressure at end of braking
04808..... ZBRO..... Open central locking right
04809..... EBS..... Pressure module pressure control on wheel 8:
Implausible pressure at end of braking
04809..... ZBRO..... Open central locking right
04810..... DIW5..... Evaluation gear selection range
04810..... EBS..... Pressure module pressure control on wheel 9:
Implausible pressure at end of braking
04810..... ZBRO..... Lock central locking right
04811..... EBS..... Pressure module pressure control on wheel 10:
Implausible pressure at end of braking
04811..... ZBRO..... Lock central locking right

SPN..... Control unit/System..... Fault message

05012..... ECO2 Load sensor (A3)
05012..... HDS Compressed air valve
05012..... RAS..... CAN signal, speedometer speed
05012..... WSK..... Vehicle electrical system voltage (TL 15)
05012..... ZBRO..... Horn b
05012..... ZFR CAN data bus: Retarder message
Ret_Config_BAM (RD)
05013..... CRT..... Charge air temperature outside
permitted tolerance range
05013..... ECO2 Voltage output (5V) AU
05013..... HDS Heating supply line
05013..... RAS..... CAN signal, EBC vehicle speed
05013..... ZBRO Supply instrument lighting
05013..... ZFR CAN data bus: Retarder message
Ret_Config_Packet (RD)
05014..... CRT..... CAN message EEC3
05014..... ECO2 Retarder control lever (A12)
05014..... HDS inner heating
05014..... RAS..... CAN signal, engine speed
05014..... ZBRO Display day/night changeover
05014..... ZFR CAN data bus: Tachograph message TimeDate
05015..... CRT..... CAN message time / date
05015..... ECO2 Voltage failure
05015..... HDS Heating pressure equalisation
05015..... RAS..... CAN signal, weight
05015..... WSK..... Checksum operating hours counter
05015..... ZBRO Buzzer alarm level
05015..... ZFR CAN data bus: Tachograph message Vehicle Distance
05016..... CRT..... CAN message vehicle clearance
05016..... ECO2 Switch retarder (retarder pedal digital S12)
05016..... HDS Pump heating
05016..... RAS..... CAN signal, lifting axle
05016..... WSK..... Checksum fault memory
05016..... ZBRO Buzzer function indicator
05017..... CRT..... AGR throttle
05017..... ECO2 Retarder temperature sensor (B4)
05017..... HDS Heating pressure line

SPN..... Control unit/System..... Fault message

| | | |
|-------|------|----------------------------------|
| 05817 | ZBRO | Switch CSR2 top pressed |
| 05818 | ZBRO | Switch CSR2 top pressed |
| 05819 | ZBRO | Switch CSR2 check |
| 05820 | ZBRO | Switch CSR4 bottom pressed |
| 05821 | ZBRO | Switch CSR4 bottom pressed |
| 05822 | ZBRO | Switch CSR4 top pressed |
| 05823 | ZBRO | Switch CSR4 top pressed |
| 05824 | ZBRO | Switch CSR4 check |
| 05825 | ZBRO | Switch CSR5 bottom pressed |
| 05826 | ZBRO | Switch CSR5 bottom pressed |
| 05827 | ZBRO | Switch CSR5 top pressed |
| 05828 | ZBRO | Switch CSR5 top pressed |
| 05829 | ZBRO | Switch CSR5 check |
| 05830 | ZBRO | Switch CSR6 bottom pressed |
| 05831 | ZBRO | Switch CSR6 bottom pressed |
| 05832 | ZBRO | Switch CSR6 top pressed |
| 05833 | ZBRO | Switch CSR6 top pressed |
| 05834 | ZBRO | Switch CSR6 check |
| 05835 | ZBRO | Switch CSR7 bottom pressed |
| 05836 | ZBRO | Switch CSR7 bottom pressed |
| 05837 | ZBRO | Switch CSR7 top pressed |
| 05838 | ZBRO | Switch CSR7 top pressed |
| 05839 | ZBRO | Switch CSR7 check |
| 05840 | ZBRO | Switch CSR8 bottom pressed |
| 05841 | ZBRO | Switch CSR8 bottom pressed |
| 05842 | ZBRO | Switch CSR8 top pressed |
| 05843 | ZBRO | Switch CSR8 top pressed |
| 05844 | ZBRO | Switch CSR8 check |
| 05900 | ZBRO | Speed signal |
| 05901 | ZBRO | Speed signal fault |
| 05902 | ZBRO | Speed signal |
| 06000 | ZBR2 | TCO1 message, tachograph |
| 06001 | ZBR2 | ACC |
| 06002 | ZBR2 | Date / time |
| 06003 | ZBR2 | Road speed governing, road speed |
| 06004 | ZBR2 | Instrumentation |
| 06005 | ZBR2 | EBC1 message, EBS |

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