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<p>000603 - Load switch-off (eEm) v</p>

<p>v Battery sensor fault code: Software... Hardwar...</p>

<p>v Power distributor fault code: Software... Hardwar...</p>
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<p>v Generator fault code: Software: Hardware:</p>

<p>^ DME B6 naturall... fault code: P0524 Software... Hardwar... 1</p>								
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Status InputOutputControl	actuator test not running							
Zähler Freischaltversuche	0							
aktueller Routineldentifizier	0							
noch durchzuführende Prüfschritte	0							

A355_Engine torque	0.0 Nm
D010_Pedal value	0.0 %
D020_Pedal encoder pot. 1	756.8 mV
D030_Pedal encoder pot. 2	382.0 mV
A015_DME supply voltage (terminal 30)	13680 mV
U010_Generator load	0 W
A110_Radiator fan request, A/C system	3
L110_Lambda contr. (I-comp.), bank 1	0.00119
A190_Engine oper. time with Check Engine flashing	0 s
A200_Mileage	4621 km
Z110_Timing retardation on cylinder 1	0.0 °
Z160_Timing retardation on cylinder 6	0.0 °
Z120_Timing retardation on cylinder 2	0.0 °
Z140_Timing retardation on cylinder 4	0.0 °
Z130_Timing retardation on cylinder 3	0.0 °
Z150_Timing retardation on cylinder 5	0.0 °
N030_Bank 1 intake camshaft deviation	0.000 °
XX Dynamics measurements, O2 sensor ahead of cat. conv. bank 1	1.0000
XX Dynamics measurements, O2 sensor ahead of cat. conv. bank 2	1.0000
A540_Camshaft speed	0.0 rpm
N060_Intake camshaft adjustment angle, bank 1	719.98 °
N061_Bank 1 exhaust camshaft adjustment angle	719.98 °
N070_Intake camshaft adjustment angle, bank 2	719.9780 °crk
A135_Fan activation 2 (left) pulse/duty ratio	10.0000 %
A130_Fan activation 1 (right) pulse/duty ratio	10.0000 %

L150_Carbon canister load	0.000
M120_Misfire counter, all cylinders	0
M210_Misfire counter per 1,000 rpm, cylinder 1	0
M260_Misfire counter per 1,000 rpm, cylinder 6	0
M220_Misfire counter per 1,000 rpm, cylinder 2	0
M240_Misfire counter per 1,000 rpm, cylinder 4	0
M230_Misfire counter per 1,000 rpm, cylinder 3	0
M250_Misfire counter per 1,000 rpm, cylinder 5	0
M410_Misfire counter for current trip, cylinder 1	1633
M460_Misfire counter for current trip, cylinder 6	1088
M420_Misfire counter for current trip, cylinder 2	1582
M440_Misfire counter for current trip, cylinder 4	1513
M430_Misfire counter for current trip, cylinder 3	1381
M450_Misfire counter for current trip, cylinder 5	1717
L050_Actual lambda value ah. of cat. con. bank 1	0.99634 -
L060_Actual lambda value ah. of cat. con. bank 2	0.99561 -
L030_Nominal lambda value upstream of cat. con. bank 1	1.0000
L040_Setpoint lambda value ah. of cat. con. bank 2	1.0000
A260_Fuel pump control unit activation	10.001 %
H010_Air flow when engine is running	0.0 kg/h
H013_Mass air flow setpoint [kg/h]	21.2 kg/h
A030_Nominal idle speed	980 rpm
O080_Oil-pressure switching valve, activation	0
O110 Engine oil level sensor	61.788 mm
T030_Engine oil temperature	37.8 °C

L300_Fuel trim adaptation close to idle (RKAT), bank 1	0.52 %
L310_Fuel trim adaptation close to idle (RKAT), bank 2	0.66 %
B010_Fuel high-pressure adaptation range 1	0.0000 MPa
B088_Fuel high pressure, control deviation	-2.8140 MPa
B060_Fuel high-pressure setpoint	5.0000 MPa
H065_Manifold press. act. val. (measured)	1000.94 hPa
H110_Manifold pressure, setpoint value	581.72 hPa
H100_Pressure upstream of throttle valve	1004.14 hPa
A050_Engine load	50.86 %
S010_Secondary-air mass, bank 1	0.000
S020_Secondary-air mass, bank 2	0.000
XX_Current measured value for relative TEV quality (unfiltered)	0.0000 %
A040_Idle loss adaptation	-6.4 Nm
A145_Time since engine stop (manual via ignition lock)	676 s
K014_Exhaust temperat. behind cat. conv. bank 1	119.94 °C
N800_Exhaust camshaft activation, bank 1	0.00000 %
N900_Bank 2 exhaust camshaft activation	0.00000 %
N080_Bank 1 intake camshaft activation	0.000 %
N090_Bank 2 intake camshaft activation	0.000 %
K010_Exhaust temperature ahead of catalytic converter bank 1	225.74 °C
XX_Ceram. insul. temp. oxy. sensor ah. of cat. conv., bank 1	594.18 °C
T070_Engine start temperature	37.5 °C
A150_Total control unit operating hours	4722 min
T050_Ambient air temperature (via CAN)	20.3 °C
D070_Throttle-valve potentiometer 2	4.246 V

L070_Oxygen sensor (LSU) voltage upstream of cat. con. 1	1.499 V
L080_Oxygen sensor (LSU) voltage upstream of cat. con. 2	1.494 V
XX_Result of bank 1 catalytic converter	Test OFF
XX_Result of bank 2 catalytic converter	Test OFF
N200_Bank 1 exhaust camshaft actual angle	0.0000 °crk
N400_Bank 2 exhaust camshaft actual angle	0.0000 °crk
N020_Actual intake camshaft angle, bank 1	0.000 °
N040_Actual intake camshaft angle, bank 2	0.000 °
N100_Bank 1 exhaust camshaft setpoint angle	0.0000 °crk
N120_Bank 2 exhaust camshaft setpoint angle	0.0000 °crk
N010_Intake camshaft setpoint angle	0.000 °
N120_Bank 2 exhaust camshaft setpoint angle	0.000 °
L120_Lambda regulat. downstream of cat. c. (I portion), bank 2	0.00159
L325_Mixture adaptation, multiplicative, bank 1	0.93173
L335_Mixture adaptation, multiplicative, bank 2	0.94244
L090_O2 sensor voltage behind catalytic converter bank 1	0.460 V
L100_Oxygen sensor voltage downstream of cat. con. bank 2	0.460 V
T040_Intake-air temperature	24.0 °C
A090_Fuel level	16.00 l
A240_Current gear	0 -
Catalysator_oxygen_storage_capacity_measured_value	0.0 mg
Catalysator_oxygen_storage_capacity_measured_value_bank_2	0.0 mg
A060_Ambient pressure from DME (measured)	1004.06 hPa
K016_Exhaust temper. behind cat. conv. bank 2	119.94 °C
T020_Engine temperature (measured)	37.939 °C

K060_Catalytic converter temperature, bank 1	115 °C
K070_Catalytic converter temperature, bank 2	115 °C
XX_Ceram. insul. temp. oxy. sensor ah. of cat. conv., bank 2	594.15 °C
N071_Bank 2 exhaust camshaft adjustment angle	719.9780 °crk
T100_Engine oil temperature (sensor)	2803.2 mV
B070_Fuel high-pressure actual value	7.8225 MPa
D060_Throttle valve potentiometer 1	0.75439 V
SE05_Brake light switch actuated	0 -
L550_Injection quantity deviation, cylinder 6	1.000000 -
L510_Injection quantity deviation, cylinder 2	1.000000 -
L530_Injection quantity deviation, cylinder 4	1.000000 -
L520_Injection quantity deviation, cylinder 3	1.000000 -
L540_Injection quantity deviation, cylinder 5	1.000000 -
L500_Injection quantity deviation, cylinder 1	1.000000 -
B088_Fuel high pressure, bank 2 control deviation	-4.60350 MPa
D045_Throttle valve setpoint angle, referred to lower stop	1.6999 % throttle valve angle
T120_Engine compartment temperature (sensor)	3225.800 mV
T060_Engine compartment temperature	27.560 °C
T110_Intake air temperature (sensor)	3.388672 V
O030_Oil pressure (sensor)	702.000 mV
A420_Tuning flap activated	NO
L170_Tank vent valve pulse/duty ratio	0.000000 %
Z020_Ignition angle	0.00 °crk
T110_Intake air temperature (sensor)	1.8848 V
T150_Control unit temperature	30.8 °C

Z211_Overspeed range 1: operating hours	3684.0 min
Z212_Overspeed range 2: operating hours	0.0 min
Z213_Overspeed range 3: operating hours	0.0 min
T145_Transmission oil temperature	17.264 °C
A310_Engine compartment purge fan activation stage 2	----
A300_Engine compartment purge fan activation, level 1	NO
O011_Setpoint oil pressure (absolute)	100.000 kPa
O010_Oil pressure (absolute)	97.700 kPa
O040_Oil press. ctrl. valve pulse/duty ratio	71.5500 %
A400_Exhaust flap activated (closed)	NO
H200_Crankcase pressure	-4 hPa
L180_Tank ventilation active	NO
M005_Engine roughness reference value	0.0000 1/s ²
M010_Engine roughness cylinder 1	0.0000 1/s ²
M060_Engine roughness cylinder 6	0.0000 1/s ²
M020_Engine roughness cylinder 2	0.0000 1/s ²
M040_Engine roughness cylinder 4	0.0000 1/s ²
M030_Engine roughness cylinder 3	0.0000 1/s ²
M050_Engine roughness cylinder 5	0.0000 1/s ²
S035_Required mass air flow, secondary air, bank 1	0.000 kg/h
S035_Required mass air flow, secondary air, bank 2	0.000 kg/h
A070_First injection time, cyl. 1	0.00000 ms
A100_Vehicle speed from PSM	0.0000 km/h
D050_Throttle-valve angle	5.66406 %
A095_Tank system tight at last diagnostics	NO

AktiveDiagnoseSession	Development Session
Monitor status since DTCs cleared: Bitfield - Malfunction Indicator Lamp (MIL) Status	OFF
Monitor status since DTCs cleared: Bitfield 1 - Misfire monitoring ready	yes
Monitor status since DTCs cleared: Bitfield 1 - Fuel system monitoring ready	NO
Monitor status since DTCs cleared: Bitfield 1 - Comprehensive component monitoring ready	yes
Monitor status since DTCs cleared: Bitfield Spark - Catalyst monitoring ready	yes
Monitor status since DTCs cleared: Bitfield Spark - Heated catalyst monitoring ready	yes
Monitor status since DTCs cleared: Bitfield Spark - Evaporative system monitoring ready	yes
Monitor status since DTCs cleared: Bitfield Spark - Secondary air system monitoring ready	yes
Monitor status since DTCs cleared: Bitfield Spark - Oxygen sensor monitoring ready	yes
Monitor status since DTCs cleared: Bitfield Spark - Oxygen sensor heater monitoring ready	yes
A055_Engine load (SAEJ1979)	0.0 %
H065_Manifold press. act. val. (measured)	100 kPa
A020_Engine speed	0 rpm
S100_Secondary-air status	OFF
A180_Distance with CheckEngine on	0 km
A010_DME supply voltage (terminal 15)	13.688 V
D040_Throttle valve setpoint angle	1.6 %
B060_Bank 1 fuel high pressure setpoint	0 kPa
B070_Bank 1 fuel high pressure actual value	7740 kPa

B150_Bank 1 fuel temperature	40 °C
B065_Bank 2 fuel high pressure setpoint	0 kPa
B075_Bank 2 fuel high pressure actual value	9520 kPa
B160_Bank 2 fuel temperature	40 °C
Calibration Identifications	99161866204 3143
Calibration Verification Numbers	0xDC F0 65 64
A230_Kickdown detected	0 -
L400_Bank 1 fuel trim adaptation (partial load) active	NO
L410_Bank 2 fuel trim adaptation (partial load) active	NO
L380_Bank 1 fuel trim adaptation (idle) active	NO
L390_Bank 2 fuel trim adaptation (idle) active	NO
N300_Bank 1 exhaust camshaft deviation	0.0000 °crk
N500_Bank 2 exhaust camshaft deviation	0.0000 °crk
N050_Bank 2 intake camshaft deviation	0.0000 °crk
Z211_Overspeed range 1: Number of ignitions	164
Z212_Overspeed range 2: Number of ignitions	0
Z213_Overspeed range 3: Number of ignitions	0
SE12_Park/neutral switch actuated	1 -
T172_Coolant shutoff valve, transmission	1 -
XX_Internal resistance, O2 sensor behind bank 1 cat. conv.	0.0 ohm
XX_Internal resistance, O2 sensor behind bank 2 cat. conv.	0.0 ohm
S010_Secondary-air mass, bank 1	0.000 -
S020_Secondary-air mass, bank 2	0.000 -
K060_Catalytic converter temperature, bank 1	119.991 °C
K070_Catalytic converter temperature, bank 2	120.038 °C

K012_Exhaust temperature ahead of catalytic converter bank 2 224.147 °C

Fault codes

P0524 - Oil pressure too low



▼ **PDK (Porsche D...** fault code: Software... Hardwar...

▼ **Selector lever** fault code: Software... Hardwar...

▲ **Instrument clust...** fault code: 00A045 Software... Hardwar... 1

ECU information



Measurements



Coding



Fault codes

00A045 - Warning: Check MIN oil level



▼ **Steering-wheel e...** fault code: Software... Hardwar...

▼ **Stopwatch (A2.3)** fault code: Software... Hardwar...

▼ **PCM** fault code: Software... Hardwar...

▼ **Air conditioning...** fault code: Software... Hardwar...

▼	Button module i...	fault code:	Software...	Hardwar...	
▼	Parking brake (A7)	fault code: 000021	Software...	Hardwar...	1
▼	Tire Pressure Mo...	fault code:	Software...	Hardwar...	
▼	PASM / PADM (A...	fault code:	Software...	Hardwar...	
▼	Power steering (...)	fault code:	Software...	Hardwar...	
▼	Rear-axle steerin...	fault code:	Software...	Hardwar...	
▼	Rear-axle steerin...	fault code:	Software...	Hardwar...	
▼	PSM (A2.1)	fault code:	Software...	Hardwar...	
▼	Combination sen...	fault code:	Software...	Hardwar...	
▼	Front-axle lift (va...	fault code:	Software...	Hardwar...	
▼	Front-end electr...	fault code: 86030B	Software...	Hardwar...	1
▼	Wipers	fault code:	Software...	Hardwar...	
▼	Garage door ope...	fault code:	Software...	Hardwar...	
▼	Rain sensor	fault code:	Software...	Hardwar...	
▼	Rotary light switch	fault code:	Software...	Hardwar...	

▼	Rear-end electro...	fault code:	Software...	Hardwar...
▼	Automatically di...	fault code:	Software...	Hardwar...
▼	Roof console	fault code:	Software...	Hardwar...
▼	Passenger comp...	fault code:	Software...	Hardwar...
▼	Alarm siren	fault code:	Software...	Hardwar...
▼	Left headlight (v...	fault code:	Software...	Hardwar...
▼	Right headlight (...)	fault code:	Software...	Hardwar...
▼	Front door (varia...	fault code:	Software...	Hardwar...
▼	Front door (varia...	fault code:	Software...	Hardwar...