

Tabelle1

ID	Color	Text under normal circumstances
0		Battery Problem Service Required
2		Battery too cold Vehicle shutting down
3	blue	Maintenance Service Required
4		Battery too hot Vehicle shutting down
6		Battery Problem Service Required
7		Battery Service Required
8		Vehicle Idle for 1 Hour Shutting Down
10		Charging Problem
13		Battery Problem Service Required
16		Battery Problem Service Required
23		SHUTTING DOWN PULL OVER SAFELY
25	blue	Memory Stick transfer in progress. ...
28		Transfer to memory stick has failed
30		Airbag System Service required
50		Communication Problem Service Required
51		Communication Problem Service Required
52		Communication Problem Service Required
53		GPS: No data fault
54		Coolant System Problem Charging restricted
55		IP: No data fault
56		Communication Problem Power Reduced
59		Communication Problem Service Required
61		Park Lock Problem Vehicle May be Free-Rolling
90		Transmission error Service required
91		Transmission error Service required
92		Transmission error Service required
93		Transmission error Service required
94		Park Lock Problem Vehicle May be Free-Rolling
95		Park failed to disengage. Service required.
97		Park Lock Problem Vehicle May be Free-Rolling
99		Park Lock Problem Vehicle May be Free-Rolling
101		Parking System Service Required
102		Parking System Service Required
103		Parking System Service Required
105		Parking System Service Required
106		Parking System Service Required
107		Parking System Service Required
259		Charge Aborted
260		Battery Service Required
261		Service required Charging restricted
263		Powertrain Problem Restart When Safe
264		Powertrain Problem Restart When Safe
265		Powertrain Problem Restart When Safe
269		
271		Battery Problem Vehicle shutting down
272		Powertrain Problem Restart When Safe

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273		Powertrain Problem Restart When Safe
274		Powertrain Problem Restart When Safe
275		Powertrain Problem Service Required
276		Powertrain Problem Service Required
277		Powertrain Problem Service Required
278		Powertrain Problem Service Required
279		Powertrain Problem Service Required
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287		Power train Problem Service Required
288		
398	blue	
399		Cannot select new tires while moving
400	blue	Coast in a straight line at 20-60mph for 10 s
401		TPMS: Left front tire very soft
402		TPMS: Left front tire soft
403		TPMS: Right front tire very soft
404		TPMS: Right front tire soft
405		TPMS: Left rear tire very soft
406		TPMS: Left rear tire soft
407		TPMS: Right rear tire very soft
408		TPMS: Right rear tire soft
409		TPMS: Hardware Error
411		TPMS: Tire OverTerm warning
412		TPMS: Rapid tire pressure loss
413		TPMS: Check left front tire
414		TPMS: Check right front tire
415		TPMS: Check left back tire
416		TPMS: Check right back tire
420		
428	orange	12V Battery Service Required
429		
430		
527	Yellow	Right Headlight Bulb Out
528	Yellow	Left Headlight Bulb Out
529	Orange	Right Headlight Bulb Out
530	Orange	Left Headlight Bulb Out
538	Orange	
539	Orange	
600		
601		
602		SHUTDOWN IMMINENT Power limited
603		

Tabelle1

604		Battery Low Power Reduced
605		Standard range SOC floor reached. Stop & Charge
606	Yellow	
607		ESS: MaxT brick extremely hot; power limiting
608		ESS: Almost empty. Car stops in 3 miles
609		ESS: BSM/CSB/BMB no data fault; power limiting
610		ESS: Almost empty. Car stops in 2 miles
611		ESS: Almost empty. Car stops in 1 mile
612		Multiple Temp Sensor Faults; Vehicle entering
613		VMS: Use MC120 to avoid trickle charge
700		Brake fluid low
701		ABS: Service required
702		ABS: Service required
703		ABS: Service required
720		900A discharge limit exceeded
721		863A discharge limit exceeded
722		805A discharge limit exceeded
723		300A discharge limit exceeded
724		200A discharge limit exceeded
725		190A charge limit exceeded
726		75A charge limit exceeded
727		60A charge limit exceeded
728		Overtemp event during charge or regen
729		Undertemp event during charge or regen
730		750A discharge warning
731		450A discharge warning; power limited
732		300A discharge warning; power limited
733		200A discharge warning; power limited
734		75A charge warning
735		60A charge warning
880		While starting, keep foot off accelerator pedal
881		While starting, foot brake must be pressed
882		Before starting, charge port door must be closed
883		Before starting, exit Tow mode
884		Battery empty Can't start
885		BMB No Data fault Can't start
886		Battery cold Can't start
887	Red	
888	red	Disarm vehicle with key fob before starting
889		Service Required. Charging restricted to storage
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Tabelle1

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936	yellow	Charging Problem
937		Charge Problem Extension Cord Detected
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944		
945		System too hot - Vehicle shutting down
946		
947		System Too Hot - Vehicle Shutting Down
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950		
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953		Line Voltage Lost Sync
954		Line Voltage Lost Sync

Tabelle1

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977		Car moved while charging - charge stopped.
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Tabelle1

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1103		no ABS, traction control or regen
1069	Orange	
1070	Orange	
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1084		External Charger Problem
1087		
1092		Do not plug in charge cable while driving
1095		Press brake pedal before shift.
1103		ABS & Traction Control Problems. Service Re
1124		Unsafe Gear Shift Transition Denied
1138		
1144		Powertrain Problem Service Required
1146		
1152		Charge time increased due to high temperatu

Tabelle1

1153		
1160		Drivers door ajar
1161		Passenger door ajar
1162		Trunk ajar
1165		Key in Key Switch Door Ajar
1166		Release Parking Brake
1167	blue	Headlights still on
1169		Charge port open
1170		Tow Mode is not available while car is on
1174		Fasten Seatbelt
1416		Low Power System Service Required
1426		HVAC: High current pump failure
1447		Coolant System Problem
1452	orange	
1453		Coolant System Problem Service Required
1463		HVAC: overheat warning
1465		
1469		
1471		
1493	yellow	
1533		
1553	Red	Software problem, Service required
1554	orange	
1664	yellow	
1900	orange	Communication Problem: Service Required
1901	blue	
2005	yellow	
2017	yellow	
2031	yellow	
2033	yellow	
2035	yellow	
2037	yellow	
2070	yellow	
2078	yellow	There was a problem processing your request
2096	yellow	
?		External Charger Problem
3011		Drive Button Failure Vehicle May not be Able
3021		
3022		

[1] I only ever saw this message in debug mode, and it was coming up a lot (several times)

Tabelle1

Debug text (not normally displayed)	Notes / Suggestions
	Have the car serviced or reset the service
	Car is downloading logs to USB memory :
to	
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Battery Problem Service Required	Battery is too low to charge
BSM Isolation Fault	
BSM: Negative contactor/economizer stuck low	
BSM: Contractor power failure	Has happened when starting car too soon



Tabelle 1

BSM: Orientation fault	
BSM: ESS OverTemp fault	
BSM: Isolation fault	
BSM: Voltage sensor error	
BSM: Isolation fault before closing contactors	
BSM: Isolation fault while contactors closed	
BSM: Isolation fault before charge	
BSM: V_ess too low during precharge, t2	
Key must be on to select new tires	
seconds	
	Tire pressure cannot be monitored reliably
SWP: APS off, but no pulse from BPS	
SWP: Aux Battery Supply Low	Turned out battery fuse was missing. Or
SWP: Eeprom checksum error	
SWP: CAN Rx Overflow	
Check right front high beam bulb	Replace the right high beam headlight bulb
Check left front high beam bulb	Replace the left high beam headlight bulb
Check right front low beam bulb	Replace the right low beam headlight bulb
Check left front low beam bulb	Replace the left low beam headlight bulb
Check Left Front Turn Bulb	
Check Right Front Turn Bulb	
APS: Cooling issue; power limiting in effect	
ESS: MaxT brick too hot; power limiting in effect	
BSM: Isolation resistance fault; power limiting in effect	

Tabelle 1

[illegible]

Tabelle1

DMC HW: PhaseA Bus Over voltage fault	
DMC HW: PhaseB Low Side Desat Fault	
DMC HW: PhaseB High Side Desat Fault	
DMC HW: PhaseB Bias UnderVoltage fault	
DMC HW: PhaseB Bus OverVoltage fault	
DMC HW: PhaseC Low Side Desat fault	
DMC HW: PhaseC High Side Desat fault	
DMC HW: PhaseC Bias UnderVoltage fault	
DMC HW: PhaseC Bus OverVoltage fault	
DMC HW: APS UnderVoltage fault	
DMC HW: Motor OverTerm fault	
DMC HW: Pedal Monitor fault	
DMC HW: Line OverCurrent fault	
DMC HW: PhaseA OverTemp fault	
DMC HW: PhaseB OverTemp fault	
DMC HW: PhaseC OverTerm fault	
DMC HW: ESS Cable Interlock fault	The dealer believes this might be caused
DMC HW: Common Mode Sense fault	
DMC HW: PDP Interrupt fault	
DMC HW: PhaseA OverCurrent fault	
DMC HW: PhaseB OverCurrent fault	
DMC HW: PhaseC OverCurrent fault	
DMC FW: PhaseA OverCurrent Peak fault	
DMC FW: PhaseB OverCurrent Peak fault	
DMC FW: PhaseC OverCurrent Peak fault	
DMC FW: Line OverCurrent fault	
DMC FW: Line OverCurrent Peak Fault	
DMC FW: Line OverVoltage fault	
DMC FW: Line OverVoltage Peak fault	
DMC FW: Line UnderVoltage fault	
DMC FW: Battery OverVoltage fault	
DMC FW: Battery UnderVoltage fault	
DMC FW: Motor OverSpeed fault	
DMC FW: Motor Sensor1 OverTemp fault	
DMC FW: Motor Sensor2 OverTerm fault	
DMC FW: Motor Sensor1 UnderTemp fault	
DMC FW: Motor Sensor2 UnderTerm fault	
DMC FW: PhaseA OverTemp fault	
DMC FW: PhaseA Temp Diff fault	
DMC FW: PhaseB OverTemp fault	Preceded by error message 1152. Resolu
DMC FW: PhaseB Temp Diff fault	
DMC FW: PhaseC OverTemp fault	
DMC FW: PhaseC Temp Diff fault	
DMC FW: Ambient OverTemp fault	
DMC FW: Amvient UnderTemp fault	
DMC FW: Line Voltage Lost Sync or Over	Bad power; try lowering the current and
DMC FW: Line Voltage Lost Sync or Under	Bad power; try lowering the current and

Tabelle1

DMC FW: Line Sync Loss fault	
DMC FW: HCS Faulted	
DMC FW: PEM Vbat diff from BSM Vbat fault	
DMC FW: HCS Invalid Pilot Signal fault	
DMC FW: Line Current or Voltage Offset Too Large fault	
DMC FW: VBrickMax versus VBattery Error	You don't want to know.
DMC FW: VBrickMax or VBrickLimit is invalid	
DMC FW: Line Current Error fault	
DMC FW: Line Current Not Equal Request fault	
DMC FW: Pilot Signal Present in Drive Mode fault	
DMC FW: Gear Selector Comms fault	
DMC FW: Invalid Shift Request Fault	
DMC FW: Press brake before shifting fault	
DMC FW: Lost VMS Comms fault	
DMC FW: Lost DFC Comms fault	
DMC FW: Lost ABS Comms (and TC) fault	
DMC FW: CAN Comms Error fault	
DMC FW: Accelerator Error fault	
DMC FW: Motor Encoder Error fault	
DMC FW: Pole Current Error Fault	
DMC FW: ABS Error fault	
DMC FW: Invalid State fault	
DMC FW: Moving during charge fault	Got this for trying to change the wheels
DMC FW: Invalid State request fault	
DMC FW: Invalid Mode request fault	
DMC FW: Invalid Charge Request fault	
	Dog tripped over charging cable. Discuss. Charger seems to be having troubles. A reset from the chargepoint fixed it.
DMC FW: Bad State Transition Fault	
DMC FW: Mode Trans Condition fault	
DMC FW: Memory Error fault	
DMC FW: Bad Argument fault	
DMC FW: Interrupt Time too Long fault	
DMC FW: MotorTemp Sensor1 fault	
DMC FW: MotorTemp Sensor2 fault	
DMC FW: MotorTemp Sensors differ fault	
DMC FW: VBrickMin Not Increasing	
DMC FW: Voltage Discharge Time fault	
DMC FW: 5V Power	
DMC FW: Lost TCM comms	
DMC FW: PCS Current Offset Too Large fault	
DMC FW: Watchdog timer reset fault	
DMC FW: TCM Refusal fault	
DMC FW: Unsafe gear transition fault	Press brake before shifting
DMC FW: CAN Rx	

Tabelle1

DMC FW: CAN Tx	
DMC FW: CAN Overrun	
	reported on FB Group
DMC FW: Motor sensor 1 OverTemp warning.	Torque limited
DMC FW: Motor sensor 2 OverTemp warning.	Torque limited
DMC FW: PhaseA OverTemp warning.	Torque limited
DMC FW: PhaseA Temp Diff warning	
DMC FW: PhaseB OverTemp warning.	Torque limited
DMC FW: PhaseB Temp Diff warning	
DMC FW: PhaseC OverTemp warning.	Torque limited
DMC FW: PhaseC Temp Diff warning	
DMC FW: Line Current or Voltage Offset	PEM fuse(s) blown, needs to be replaced
	Key left in ignition while trying to plug in
DMC FW: Press brake before shift.	Press brake pedal and then select a gear.
?	Pulling out ignition key and waiting until
	Car moving too fast for gear change drive
Voltage on Charge Port Line2 during drive	e with charge door open
	Call your Tesla Shop! Alt. Check your Battery Coolant level (I got this error constantly after over-filling the coolant, once I siphoned a little off the error went away) Probably the PEM/Motor fan needs to be replaced. Also check the connectors or wiring between the fans and the PEM. Could just be a bad contact
DMC PEM Fan Problem	
DMC Motor Fan Problem	Low fan speed. Only appears in debug m
	charging rate to intermittently drop from 70amp to as low as 19amp, did not correlate to outside temp or motor temp - PEM & fans cleaned, believed to be result of massive cloud of insulation on freeway that I drove thru - if you see error, check that out first
DMC WARNING Charge Thermal Limit	PEM fans replaced after error 947 received. No further issues.

Tabelle1

DMC Wear Factor Warning	
	Close the door.
	Close the door.
	Close the trunk.
	Driver door opened while car is on
	Car is driven while parking brake (partial
	Charge port opened when car is on
	Fasten your seatbelt.
HVAC: Low pressure	
HVAC: Refrigerant High Pressure	
	HVAC system will pause ~1 minute and continue cooling. Do not charge inside hot garage with closed Garage door. Only appears in debug mode.
HVAC: Compressor OverTemp	
HVAC: Low current pump fault	
HVAC: Compressor comms timeout	
HVAC: Compressor DTC comms timeout	
ESS: Extremely Low. Begin Charging ASAP.	
Software Problem Service Required	
VMS: VMS firmware version doesn't match	Dump log over usb, check flash/message
VMS: Not receiving VDS version number	Car can drive but a full RESET is needed:
PM: Lost VMS comms warning	Blue connector at VMS not plugged in
VMS-VDS comms fault	Happened twice while trying to download
N/A	Window with just text "N/A"
No response to request to stop charging	follow error of ID1554
No response to request to change charge	follow error of ID1554
No response to request to save charging	follow error of ID1554
No response to request to save charge ti	follow error of ID1554
No response to request to save current li	follow error of ID1554
No response to request to save cost/kWh	follow error of ID1554
No response to request to get keyfob fur	follow error of ID1554
No response to request to enter Tow Mod	follow error of ID1554
No response to Pin submission	follow error of ID1554
?	UMC's red fault light blinking. Unplugged
to Enter Drive	
SHFT: Neutral switch Stuck Down	
SHFT: DRIVE switch Stuck Down	

ral times per hour of driving). It completely stopped when I left debug mode. Not sure if this is coi

## Tabelle1

e interval.

stick.

n after service plug has been inserted. Fix: Pull/insert it again and wait a few minutes

## Tabelle1

ly, e.g. if you just swapped your wheels. For a while, TM was selling a "TPMS Reset T

an old Battery (0x81248884)

1b.

3.

b.

.



Tabelle1

be started.

## Tabelle1

by slight corrosion on the terminals of the safety wire.

tion: PEM fans replaced. Likely cause - 1152 indicative of contactor(s) sticking open,

restarting (or breaker tripped)  
restarting (or breaker tripped)

## Tabelle1

while charging the car! Spinning front right wheel by hand (after jacking up car) trigg

## Tabelle1

. Can show up incidentally without meaning any trouble.  
?

car shutdown (15 minutes) cleared it. Tesla couldn't find issue.  
e/reverse

ode? [1].

## Tabelle1

y) engaged

s, for most recent "VMS: VMS restarted" line, compare with VMS version in flash/firm  
In the front hood pull battery fuse and in the trunk pull the orange ESS Main switch.

d logs to USB stick. Went away on third attempt but logs were rejected by Tesla Moto

car & UMC, then replugged and all OK.

ncidence.

## Tabelle1

; before starting car.

## Tabelle1

ool" which seems to be no longer available (April 2014).

Tabelle1



## Tabelle1

but not fatal. Moisture in the open contactors may have caused rusting, resulting in t

## Tabelle1

ered the message.

Tabelle1

## Tabelle1

ware.rc file  
Then wait 3 minutes.

rs Upload. The USB stick does not seem to be faulty.

Tabelle1

Tabelle1

Tabelle1

Tabelle1

his error.



Tabelle1

Tabelle1

Tabelle1