

2018 Mercedes Benz E63S AMG 4MATIC Sed (213.089) V8-4.0L Turbo (177.980)

Vehicle > Technical Service Bulletins

ENGINE INTERMITTENTLY DOES NOT START



Mercedes-Benz

- Engine intermittently does not start -

Topic number	LI54.21-P-065349
Version	4
Function group	54.21 Control units / basic modules
Date	10-30-2018
Validity	Model series 213 up to VIN ...213....A153498
Reason for change	VIN end number adapted.

Complaint

Engine does not start and fault messages in various control units "Communication malfunction with signal acquisition and actuation module control unit" and/or "Circuit 15 implausible"

Cause

Update control unit software

Remedy

Flash front signal acquisition and actuation module control unit.

Symptoms

Symptom

Overall vehicle / Networking / CAN/FlexRay communication / Malfunction

Control unit/fault code

Control unit	Fault code	Fault code description
N10/8 - Rear signal acquisition and actuation module (Rear SAM) (BC_R213)	U014108	Communication with the front signal acquisition and actuation module has a malfunction. There is a signal fault or the message is faulty. (SIH_SIB_222)
N69/3 - Left rear door (DCU-LR) (DMRL213)	U014187	Communication with the front signal acquisition and actuation module has a malfunction. The message is missing.
N69/4 - Right rear door (DCU-RR) (DMRR213)	U014187	Communication with the front signal acquisition and actuation module has a malfunction. The message is missing.

N10/8 - Rear signal acquisition and actuation module (Rear SAM) (BC_R213)	U014187	Communication with the front signal acquisition and actuation module has a malfunction. The message is missing.
N30/4 - Electronic stability program (ESP®) (ESP213)	U0141FD	Communication with the front signal acquisition and actuation module has a malfunction. _
A1 - Instrument cluster (IC) (IC213)	U014187	Communication with the front signal acquisition and actuation module has a malfunction. The message is missing.
N127 - Control unit 'Powertrain' (PTCU) (CPC_NG)	U300E00	Input signal "Circuit 15 ON" is implausible. _
N2/10 - Supplemental restraint system (SRS) (ORC213)	B210313	Input "Circuit 15R" has a malfunction. There is an open circuit.
N80 - Steering column module (SCM) (SCCM213)	U014187	Communication with the front signal acquisition and actuation module has a malfunction. The message is missing.
N69/1 - Left front door (DCU-LF) (DMFL213)	U014187	Communication with the front signal acquisition and actuation module has a malfunction. The message is missing.
N69/2 - Right front door (DCU-RF) (DMFR213)	U014187	Communication with the front signal acquisition and actuation module has a malfunction. The message is missing.

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 213 902 60 06			Software	1		X

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
54-0650	MAINTAIN ON-BOARD ELECTRICAL SYSTEM VOLTAGE (FOR TESTING AND DIAGNOSIS WORK)		5452E90	
54-0991	PROGRAM AND CODE CONTROL UNIT (AFTER QUICK TEST)		5452E90	

54-1011

PERFORM QUICK
TEST

5452E90