

Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
0.0.11	A021; A022	ECU, EDC; ECU, EMR	EDC / EMR bus fault. Fault in ECU	Tractor can be driven using accelerator.		
			Programming errors in ECU.	Fault message, no restrictions.		EOL reprogramming necessary.
0.0.12	A008	Terminal	Bus Failure	no functions available, no display	Voltage supply CAN-Bus on fuse board A013; fuses F039, F046	
0.0.13	A004	Control console	Bus Failure	no functions available, no display	Voltage supply CAN-Bus on fuse board A013; fuses F040, F041	
0.0.14	A001; A002	Transmission control module	Bus Failure	no functions available, no display	Voltage supply CAN-Bus on fuse board A013; fuses F040, F041	
0.0.15	A001, A002	AWD; Differential - Lock activation	Bus Failure	no functions available, no display	Voltage supply CAN-Bus on fuse board A013; fuses F040, F041	
0.0.16	A001, A002	Rear PTO	Bus Failure	no functions available, no display	Voltage supply CAN-Bus on fuse board A013; fuses F040, F041	
0.0.17	A001, A002	Front PTO	Bus Failure	no functions available, no display	Voltage supply CAN-Bus on fuse board A013; fuses F040, F041	
0.0.18	A005	EPC Rear	Bus Failure	no functions available, no display	Voltage supply CAN-Bus on fuse board A013; fuses F040, F041	
0.0.19	A005	Front - Powerlift	Bus Failure	no functions available, no display	Voltage supply CAN-Bus on fuse board A013; fuses F040, F041	
0.0.1A	A005	Spool valves	Bus Failure	no functions available, no display	Voltage supply CAN-Bus on fuse board A013; fuses F040, F041	

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0.0.20	A005	CAN-Bus-wiring	Bus Failure	no functions available, no display	Voltage supply CAN-Bus on fuse board A013; fuses F040, F041	
0.1.50	A007	Instrument panel	VDO instrument panel EEPROM not programmed	Malfunctions in instrument panel		EOL reprogramming necessary
0.1.51	B012	Engine oil pressure sensor	Sensor failure, wiring failure	no monitoring !	Electrical diagram "Dashpanel"	
0.1.54	B019	Pressure sensor compressed air tank	Sensor failure, wiring failure	no display	Electrical diagram "Dashpanel"	
0.1.55	S036	Level Sensor hydraulic oil	Sensor failure, wiring failure	no monitoring !	Electric diagram "Spool valves 1"	
0.1.56	B005	Engine temperature sensor	Sensor failure, wiring failure	no monitoring !	Electrical diagram "Dashpanel"	
0.1.57	B006	Sensor, intercooler temperature	Sensor fault, wiring fault	No monitoring !	Circuit diagram: "Instrument panel" (F400, F700); "EDC control module" (F900)	
0.1.59	B007	Fuel level sensor	Sensor failure, wiring failure	no monitoring !	Electrical diagram "Dashpanel"	
1.1.01, evtl. 4.2.81	B038	Position sensor accelerator pedal EDC (yellow marker)	Signal out of range	Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.1.03	B029/- B038	Position sensor accelerator pedal EST (Elektron box comfort, red marker) / Position sensor accelerator pedal EDC (yellow marker)	values not corresponding B029 / B038	Restricted Operating Possibilities, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.1.7E	B035	Position sensor manual accelerator	Signal out of range.	Restricted Operating Possibilities, Chapter 2000 Reg.B (EDC-Failures)	Electric diagram "EDC Control "	

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1.1.7F	A004	Control console	Electrical fault in hand throttle memory keys (EDC/EMR). No communication with control console.	Last speed setting is retained. Engine speed can be changed using hand throttle or accelerator.		
1.1.9E	A003	Memorization keys Engine speed	Signal out of range.	Restricted Operating Possibilities, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.1.9F	A002, A004	EST Comfort Control Module, Side Console	CAN communication failure EST Control Module (A002) - Side Console (A004)	Restricted Operating Possibilities, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control ", "Transmission BUS", "Comfort-BUS"	
1.1.A0	A021	EDC control module	EDC control module (A021) cannot be identified, EOL Programming error	According to failure importance, Engine torque will be reduced to Fav.916 torque . Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.1.A1	A002, A021	EST control module, EDC control module	CAN Communication failure EST control module (A002) - EDC control module (A021)	Chapter 2000 Reg.B (EDC-Failure)	Electric diagram Transmission -BUS (G-BUS)	
1.1.B0			CAN-bus communication restricted			EOL reprogramming necessary.
1.1.E0	B035	Position sensor manual accelerator	Checksum EEPROM is wrong	Restricted Operating Possibilities, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.13	G001, G003, G001, A021	Battery 1, Battery 2, Generator, EDC control module	Voltage supply failure EDC control module	No engine power Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "Voltage supply +Ub"	

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1.2.17		Excessive Engine speed	Inadequate driving (e.g. Downhill ride)	Chapter 2000 Reg.B (EDC-Failure)		
1.2.18	A020	Electronic injection pump VP44	Start of injection - deviation of control	Restricted Power, Chapter 2000 Reg.B (EDC-Failure)		
1.2.1A	B026	Needle motion sensor NBF	Signal failure	Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.1F	A021	EDC control module	CAN Message: EDC control module connection failure	Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control ", Transmission - BUS	
1.2.21	A002	EST control module, Transmission - BUS	Fendt-EST not connected or CAN-Connection to Transmission Bus discontinued.	Chapter 2000 Reg.B (EDC-Failure)	Electric diagram Transmission - BUS , EDC Motorsteuerung	
1.2.23	A002	EST control module	CAN-Message failure from EST control module (A002) EDC control module	Chapter 2000 Reg.B (EDC-Failure)	Electric diagram Transmission - BUS , EDC Control Module	
1.2.25	K020	Relay Ub30 EDC	Contact does not open, Earth contact	Battery will run empty, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.2A	A002, A021	EST Control Module; EDC Control Module - BUS, Comfort-BUS	CAN Message failure from EST Module (A002) to EDC Control Module (A021) "Function Exhaust brake"	No function of Exhaust brake, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram Transmission - BUS , EDC Control Module; Transmission - BUS, Exhaust brake / Engine stop	
1.2.2B	A002, A021	EST Control Module; EDC Control Module - BUS, Transmission BUS ; Comfort-BUS	CAN Message failure from EST Module (A002) to EDC Control Module (A021) "Function Exhaust brake"	No function of Exhaust brake, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram Transmission BUS , "EDC Control Module ", Transmission - BUS, Exhaust brake / Engine stop	

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1.2.2C	A002, A021	EST Control Module, EDC Control Module, Transmission - BUS, Komfort-BUS	CAN Message failure from EST Control Module (A002) to EDC Control Module (A021) "Function Exhaust brake"	No Function of exhaust brake, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control ", Transmission - BUS, Motorbremse/Motorabst- tellung	
1.2.2D	A002, A021	EST Control Module, EDC Control Module, Transmission - BUS	CAN Signal failure from EST Control Module (A002) to EDC Control Module (A021)	Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control ", Transmission - BUS,	
1.2.2E	A002, A021	Enhanced control module, EDC control module, transmission bus	CAN signal fault from enhanced control module (A002) to EDC control module (A021)		EDC control module, Transmission bus circuit diagrams	
1.2.38	A021	EDC Control Module	Function failure EDC Control Module "Engine - Stop"	restricted power, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control " Voltage supply +UB	
1.2.42	A020	Pump Control (Injection pump)	Injection Pump, Fuel temperature to high	Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.46	BUSS-system	Comfort-BUS, Transmission - BUS, EDC-BUS	CAN-BUS Message failure	Restricted Operating Possibilities, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control ", Transmission - BUS, Comfort-BUS	
1.2.81	B038	Position sensor accelerator pedal EDC (yellow marker)	Signal failure Supply time	Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.82	A020	Pump Control (Injection pump)	Supply time High pressure solenoid valve not adequate	Engine stops, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.84	B025	Speed sensor EDC	Signal Failure	restricted Power, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	

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1.2.85	B028	Sensor Intake pressure LDF	Signal Failure	restricted Power, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.87	B027	Water temperature sensor (EDC control)	Signal Failure	restricted Power, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.89	A020	Pump Control (Injection pump)	electronic volume controller failure	Engine won't start, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.91	B025	Speed sensor EDC	Signal Failure	restricted power, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.92	A020 A021	EDC Control Module , Pump Control (Injection pump)	Failure Engine Stop via "Injected volume = 0" fehlerhaft, se Chapter 2710 Reg.A "Engine Stop"	Restricted power, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.96	A021	EDC Control Module Monitoring unit	Failure EDC Control Module Monitoring unit (A021)	Engine stops, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.99	A020 A021	EDC Control Module and Pump Control (Injection pump)	Engine Stop via Voltage monitoring within EDC Control Module, Chapter 2710 Reg.A "Engine Stop".	Reduced power, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.9B	A020/- A021	EDC Control Module, Pump Control (Injection pump)	Engine stop via engine stop solenoid valve, Chapter 2710 Index A Engine Stop	Reduced power, Chapter 2000 Index B (EDC-fault)	Electric diagram "EDC Control "	
1.2.A2	K021	Relay solenoid valve engine stop	Engine stop via relay K021, Chapter 2710 Index A Engine Stop	Reduced power, Chapter 2000 Index B (EDC-fault)	Electric diagram "EDC Control "	

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1.2.A6	A021, A020	EDC Control Module, Pump Control (Injection pump)	Engine stop, fault in signal processing in EDC control module	Reduced power, Chapter 2000 Index B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.A8	A021	EDC Control Module	Fault in barometric pressure sensor	Chapter 2000 Index B (EDC-Failure)		
1.2.A9	A020	Pump Control (Injection pump)	Failure identified during auto diagnostic	restricted Power, Engine does not start, Chapter 2000 Reg.B (EDC-Failure)		
1.2.B1	A021, A020	EDC Control Module, Pump Control (Injection pump)	EDC-CAN Message failure: from EDC Control Module to Pump Control (Injection pump)	restricted Power, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.B2	A020	Pump Control (Injection pump)	Failure identified during auto diagnostic	restricted Power, Chapter 2000 Reg.B (EDC-Failure)		
1.2.B3	A020	Pump Control (Injection pump)	Supply failure Pompe Control . Chapter 2710 Reg.A "Engine Stop".	Engine stops, Engine does not sart, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.B4	A020 A021	EDC Control Module, Pump Control (Injection pump)	CAN Message failure: from Pump Control to EDC Control Module	Engine runs idle, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.B5	A020	Pump Control (Injection pump)	Failure during auto diagnostic Pump Control (EEPROM-Checksum)	restricted Power, Chapter 2000 Reg.B (EDC-Failure)		
1.2.B6	A020	Pump Control (Injection pump)	Failure during auto diagnostic Pump Control (EEPROM-Status)	restricted Power, Chapter 2000 Reg.B (EDC-Failure)		
1.2.B7	A020, B025	Pump Control (Injection pump), Speed sensor EDC	Speed sensor Failure, --- Signal processing failure within injection pump	restricted Power, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	

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1.2.B9	A020	Pump Control (Injection pump)	Failure during auto diagnostic of injection pump (RAM-Failure)	Motor stops. Chapter 2000 Reg.B (EDC-Failure)		
1.2.C1	A020	Pump Control (Injection pump)	Failure during auto diagnostic of injection pump (Solenoid valve final stage)	Chapter 2000 Reg.B (EDC-Failure)		
1.2.C3	A021, A020	EDC Control Module, Pump Control (Injection pump)	CAN Message Failure : EDC Control Module to injection pump during engine start.	Motor runs idle (720 Rpm), Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.C4	A020	Pump Control (Injectin pump)	CAN Message failure to Injection Pump	Engine runs idle (720 Rpm), Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.C5	A021, A020	EDC Control Module, Pump Control (Injection pump)	Failure durin Engine Stop via Solenoid valve, Chapter 2710 Reg.A Engine Stop	restricted Power, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.C7	A020	Pump Control (Injection pump)	Pump Speed sensor failure (IWZ-Signal)	Engine stops. Chapter 2000 Reg.B (EDC-Failure)		
1.2.C8	A021, B026, B028	EDC-CAN-BUS, EDC Control Module, Needle Motion Sensor, Intake Air pressure sensor	EDC Control Module: Injection volume is not precise	Engine stops, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.C9	A020	Pump Control (Injection pump)	Failure during Autodiagnostic of Injection pump (Solenoid Valve final stage)	Chapter 2000 Reg.B (EDC-Failure)		
1.2.CA	A020	Pump Control (Injection pump)	Injection controller out of range	restricted Power, Chapter 2000 Reg.B (EDC-Failure)		

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1.2.CB	A021, A020	EDC Control Module, Pump Control (Injection pump)	CAN Message failure to Injection pump	Engine runs idle, Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control "	
1.2.CD	A021, A020	EDC Control Module, Pump Control (Injection pump)	Speed failure of CAN Message Between Injection Pump and EDC Control Module	restricted Power, Chapter 2000 Reg.B (EDC-Failure)		
1.2.DE	A002, A021	EDC Control Module , EST Comfort Module	Speed of CAN Message missing	restricted operation, Chapter 2000 Reg.B (EDC-Failure)		
1.2.E0	A021, A002	EDC Control Module , EST Comfort Module	Communication failure during CAN - Message between EDC Control Module and EST Control Module	Chapter 2000 Reg.B (EDC-Failure)	Electric diagram "EDC Control ", Transmission - BUS	
1.2.E1			Fault in speed signal (B014 - sensor, accumulator shaft, B015 - sensor - bevel pinion) or PTO is driving engine (running on)	Fault display, Chapter 2000 Index B (EDC fault)		
2.1.EE		LBS mounted implement	Fault in LBS ECU	Mounted implement can no longer be operated via joystick controls or terminal.		
2.1.EF		LBS mounted implement		Depending on implement manufacturer / restricted operation of mounted implement	For fault description, please see implement manufacturer's literature	
3.1.01	A004	Side Console	RAM, EEPROM - Failure	Functions switched off: - keypad, - digital / analogue input, - LED actuation	Fit new control console	

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3.1.02	A004	Side Console	RAM, EEPROM - Failure	Functions switched off: - keypad, - digital / analogue input, - LED actuation	Fit new control console	
3.1.03	A004	Side Console	RAM, EEPROM - Failure	Functions switched off: - keypad, - digital / analogue input, - LED actuation	Fit new control console	
3.1.04	A004	Side Console	RAM, EEPROM - Failure	Functions switched off: - keypad, - digital / analogue input, - LED actuation	Fit new control console	
3.1.05	A004	Side Console	Internal 8,5 Volt Failure, Keypad failure	Functions switched off: - keypad, - digital / analogue input, - LED actuation	Fit new control console	
3.1.06	A004	Side Console	8,5 Volt Failure	Functions switched off: - keypad, - digital / analogue input, - LED actuation	Fit new control console	
4.1.01	A003	Acceleration Ramp I...IV	Signal failure	Only Auxilliary Operation		TRANSMISSION
			Supply Failure 8,5 Volt		A013 Fuse 5	
4.1.04	B017	Position sensor clutch pedal	Signal failure	Comfort-/ Function - Restrictions in final speed control; Cruise Control not available	Electric diagram "Transmission Control"	TRANSMISSION
			Supply Failure 8,5 Volt		A013 Fuse 8	
4.1.06	B018	Position sensor accelerator pedal	Signal failure	Only Auxilliary opration	Electric diagram "Transmission Control"	Engine without EDC , TRANSMISSION
			Supply failure 8,5 Volt		A013 Fuse 4	

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4.1.06	B029	Accelerator ECU position sensor (red marker)	Signal fault	Restricted operation (no hand throttle, no memory keys)	'EDC control' circuit diagram	Engine Fav 900/23/24 EDC
			8.5 V supply fault		A013 fuse 17	
4.1.07	B008	High pressure sensor transmission	Signal failure	Operating Range switching from 1 to 2 not possible	Electric diagram "Transmisson Control"	TRANSMISSION
			Supply Failure 8,5 Volt		A013 Fuse 3	
4.1.08	B016	Position sensor operating range	Signal failure	Switching Operating ranges not available; Actual Range remains engaged	Electric diagram "Transmisson Control"	TRANSMISSION
			Supply Failure 8,5 Volt		A013 fuse 13	
4.1.21	S045	Position sensor "Reversed Operating Controls"	Signal failure			
4.1.23	A003	Joystick "Cruise Control Activate"	Signal failure	Only Auxilliary Operation	Electric diagram "Transmisson Control"	TRANSMISSION
4.1.24	S015	Position sensor parking brake	Signal failure	Parking Brake automatism not available	Electric diagram "Transmisson Control"	TRANSMISSION
4.1.25	A003	Joystick "Quick Reverse"	Signal failure	Only Auxilliary Operation	Electric diagram "Transmisson Control"	TRANSMISSION
4.1.28	A009	Transmission Control unit, Incremental sensor	Signal failure	Only Auxilliary Operation	Electric diagram "Transmisson Control"	TRANSMISSION
4.1.29	A003	Joystick "Central Position"	Signal failure	Only Auxilliary Operation	Electric diagram "Transmisson Control"	TRANSMISSION
4.1.2A	B015	Speed.sensor motor 1 bevel pinion	Signal failure	Only Auxilliary Operation	Electric diagram "Transmisson Control"	TRANSMISSION

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4.1.2B	A003	Button Switching Operating Range	Signal failure	Actual Operating Range remains engaged; no further switching possible	Electric diagram "Transmission Control"	TRANSMISSION
4.1.2C	A003	Button "Neutral / Active Standstill	Signal failure	Only Auxilliary Operation	Electric diagram "Transmission Control"	TRANSMISSION
4.1.2D	S014	Button "Quick Reverse " left of steerin wheel	Signal failure	Quick Reverse still possible via Joystick	Electric diagram "Transmission Control"	TRANSMISSION
4.1.2E	A003	Joystick Ahead "v+ transmission control"	Signal failure	Only Auxilliary Operation	Electric diagram "Transmission Control"	TRANSMISSION
4.1.2F	A003	Joystick Backward "v+ transmission control"	Signal failure	Only Auxilliary Operation	Electric diagram "Transmission Control"	TRANSMISSION
4.1.30		Contact "Auxilliary Operation Hatch" Open / Closed	Signal failure	Only Auxilliary Operation		valid only for FAV900 with telescopic handle
4.1.31	B014	Speed. sensor collector shaft	Signal failure	Only Auxilliary Operation	Electric diagram "Transmission Control"	TRANSMISSION
4.1.32	A003	Key within Joystick "Activating"	Signal failure	Only Auxilliary Operation	Electric diagram "Transmission Control"	TRANSMISSION
4.1.33		Key "Load limit control"	Signal failure	Function not available		only for Twin EST Modules -FAV900
4.1.34		Key "Cruise Control"	Signal failure	Function not available		only for Twin EST Modules -FAV900
4.1.35		Key "Memorizing Reverse Transmission ratio"	Signal failure	Function not available		only for Twin EST Modules -FAV900
4.1.36		Key "Rear PTO Control Transfer"	Signal failure	Function not available		only for Twin EST Modules -FAV900
4.1.37		Key "Front - PTO Control Transfer"	Signal failure	Function not available		only for Twin EST Modules -FAV900

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4.1.38		Key "Memorizing Transmission Ratio Ahead"	Signal failure	Function not available		only for Twin EST Modules -FAV900
4.1.41	B011	Speed. sensor motor 2	Signal failure	Only Auxilliary Operation	Electric diagram "Transmisson Control"	TRANSMISSION
4.1.42	B014	Speed. sensor collector shaft	Signal failure	Only Auxilliary Operation	Electric diagram "Transmisson Control"	TRANSMISSION
4.1.44	B010	Speed.sensor motor 1	Signal failure	Only Auxilliary Operation	Electric diagram "Transmisson Control"	TRANSMISSION
4.1.45	B015	Speed.sensor bevel pinion	Signal failure	Only Auxilliary Operation	Electric diagram "Transmisson Control"	TRANSMISSION
4.1.50	S017	Contact "Transmission Oil Filter contaminated"	Filter contaminated	no further indication of contamination	Electrical diagram "Transmission Control"	Only Twin EST Module version. TRANSMISSION - TRANSMISSION OIL FILTER Contact only effective > 50°C.
4.1.53	B009	Temperature switch	"Transmission Oil temperature > 110°C"	Stop immediately , serious risk of transmission damage!	Electrical diagram "Transmission Control"	TRANSMISSION
4.1.56	S017	Contact "Transmission Oil Filter contaminated"	Signal failure	no further display !	Electrical diagram "Transmission Control"	TRANSMISSION - TRANSMISSION OIL FILTER on for Twin EST Module Version
4.1.58		Transmission -Slip - Monitoring	Transmission output speed deviates fore more than 30% from ideal value	Can occur under extremely cold ambient temperatures; Repeated occurence under normal circumstances leads to Oil overheating and serious transmisson damage.		TRANSMISSION - TRANSMISSION CONTROL(Comparison "ideal Ratio / actual Ratio)

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4.1.59		"Auxilliary Operation"	Auxilliary Operation activated without apparent reason			Failure Code will not be memorized
			Auxilliary Operation failure			
4.1.61	Y002	Solenoid valve operating range 1	Supply failure	Only Auxilliary Operation Mode	Electrical diagram "Transmission Control"	TRANSMISSION
4.1.62	Y003	Solenoid valve operating range 2	Supply failure	Only Auxilliary Operation Mode		TRANSMISSION
4.1.63	Y005	Solenoid valve speed limiter	Supply failure	Maximal speed 30 km/h	Electrical diagram "Transmission Control"	TRANSMISSION
4.1.64	Y004	Solenoid valve neutral/turboclutch	PWM-Supply failure		Electrical diagram "Transmission Control"	TRANSMISSION
4.1.65	Y006	Solenoid valve exhaust brake	Supply failure			TRANSMISSION only for FARMER 400
4.1.70	A004	Key "Cruise Control 1"	Key failure	Cruise Control cannot be activated	Electrical diagram "Transmission Control"	TRANSMISSION
			Bus failure from A004 to Transmission Control Module			
4.1.71	A004	Key "Cruise Control 2"	Key failure	Cruise Control cannot be activated	Electrical diagram "Transmission Control"	TRANSMISSION
			Bus failure from A004 to Transmission Control Module			
4.1.72	S017	Contact "Transmission Oil Filter contaminated"	Signal failure	no further display or monitoring, possibly Transmisssion damage	Electrical diagram "Transmission Control"	only for Single EST Module Version: TRANSMISSION TRANSMISSION OIL FILTER

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4.1.73	B033	Temperatur-Sensor "Temperature Feed oil"	Signal failure	no further display or monitoring, possibly Transmisssion damage	Electrical diagram "Transmission Control"	only for Single EST Module Version. TRANSMISSION
4.1.74	S015	Position sensor parking brake	Signal failure		Electrical diagram "Transmission Control"	only for Single EST Module Version. TRANSMISSION
4.1.75	S045	Position switch reverse operation	Signal failure		Electrical diagram "Transmission Control"	only for Single EST Module Version. TRANSMISSION
4.1.76	S047	Contamination switch	Signal failure		Electrical diagram "Transmission Control"	only for Single EST Module Version. TRANSMISSION
4.1.7E	B035	Position sensor manual accelerator	Signal failure		Electric diagram "EDC Control Module"	FAV900 , EDC Calibration Code "4011"
4.1.7F	A003	Memorizing key Selected engine speed	Signal failure		Electric diagram "EDC Control Module"	FAV900 with EDC
4.1.81	B010 B011	Speed.sensor motor 1 Speed. sensor motor 2	Plausibility failure (=Speed indications are not corresponding)	Only Auxilliary Operation Mode	Electrical diagram "Transmission Control"	TRANSMISSION
4.1.82	B014 B015	Speed. sensor collector shaft, Speed.sensor bevel pinion	Plausibility failure (=Speed indications are not in logical corresponding)	Only Auxilliary Operation Mode	Electrical diagram "Transmission Control"	TRANSMISSION
4.1.83	B014 B015	Speed. sensor collector shaft, Speed.sensor bevel pinion	Plausibility failure (=Speed indications are not in corresponding direction)	Only Auxilliary Operation Mode	Electrical diagram "Transmission Control"	TRANSMISSION
4.1.84		Joystick contacts (Quick Reverse, Cruise Control)	Plausibility failure (=Speed indications are not corresponding logically)	Only Auxilliary Operation Mode	Electrical diagram "Transmission Control"	TRANSMISSION

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4.1.85			Engine speed sensor does not supply plausible speed curves. Output speed increase or decrease is outside limits.	Continuation in emergency mode possible	`Transmission control` circuit diagram	
4.1.90	A001 A004	Cruise Control 1 - data communication	Data Communication fault	Key not available		Only for FAV700/900 twin e-box version
4.1.91	A001 A004	Cruise Control 2 - data communication	Data communication fault	Key not available		Only for FAV700/900 twin e-box version
4.1.92	A001 A002	Brake pedal left / right , data communication	Data communication fault	Automatic cruise control not available		Only for FAV700/900 twin e-box version
4.1.93	A001 A002	Brake pedal left , data communication	Data communication fault	Automatic cruise control not available		Only for FAV700/900 twin e-box version
4.1.A0	A009	Transmission control unit	Actuation fault in transmission control module	Continuation in emergency mode possible		
4.1.A1	A009	Transmission control unit	Turn angle is not reached within 2 seconds.	Continuation in emergency mode possible		Mechanical verification: check ease of movement of adjustment device using emergency control system. TRANSMISSION, TRANSMISSION CONTROL
4.1.A2	A009 A001 or A002	Transmission control unit	CAN-bus actuation fault	Continuation in emergency mode possible		
4.1.A3	A009	Transmission control unit	Fault or logical error in incremental sensor signal (actual position signal)	Continuation in emergency mode possible		TRANSMISSION, TRANSMISSION CONTROL

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4.1.A4	A009	Transmission control unit	Fault or logical error in ECU signal.	Continuation in emergency mode possible		TRANSMISSION, TRANSMISSION CONTROL
4.1.A5	A009	Transmission control unit	Initial -Reference (=Zero position) could not be reached during ignition "ON"	Continuation in emergency mode possible		TRANSMISSION, TRANSMISSION CONTROL
4.1.A6	A009	Transmission control unit	Reference point signal fault during operation	Continuation in emergency mode possible		TRANSMISSION, TRANSMISSION CONTROL
4.1.B0	all bus consumers		Initialisation error	Restricted CAN-bus data communication		
4.1.B1	Y001 Y002	Speed range control	Illogical speed range operation (=fatal error)	Continuation in emergency mode possible		
4.1.B2	A002	ECU, enhanced control	Fault in EPROM programming (range control I / II)	Range cannot be changed while driving.		EOL reprogramming necessary
4.1.B3	A002	ECU, enhanced control	Fault in EPROM programming (rapid reversing ramp parameters)	Rapid reversing possible with standard values.		EOL reprogramming necessary
4.1.B4	B010	Sensor, engine 1	Input parameter values for plausibility monitoring are incorrect.	Standard parameters are stored, plausibility monitoring system remains functional.		EOL reprogramming necessary
4.1.E0	Y004	Turboclutch characteristic	Wrong characteristic stored	Continuation in emergency mode possible		EOL reprogramming necessary
4.1.E9			Values for shift from range II to I outside tolerances	Shifting only possible when stationary		

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4.1.EA			Internal fault (RAM / EEPROM)	Continuation in emergency mode possible		
4.1.EB	B016	Speed range operation	No calibration or drifted values	Continuation in emergency mode possible		TRANSMISSION, calibration code "4003"
4.1.EC	B029 B038	Target engine speed position sensor ('accelerator')	No calibration or drifted values	Continuation in emergency mode possible		Fav 900 with EDC - TRANSMISSION calibration code "4005"
4.1.ED	B017	Clutch pedal angular resolver	No calibration or drifted values	Continuation in emergency mode possible		TRANSMISSION, Calibration Code "4001"
4.1.EE		Transmission characteristic	No calibration or drifted values	Continuation in emergency mode possible		TRANSMISSION, calibration code "4007"
4.1.EF		Turboclutch characteristic	No calibration or drifted values	Continuation in emergency mode possible		TRANSMISSION, TURBOCLUTCH FUNCTION, calibration code "4009"
4.1.FF	A001 A002	Transmission e-box	Internal fault (RAM / EEPROM)	Continuation in emergency mode possible		
5.1.31	A004	4WD 100% key	key / A004 signal fault	Other functions remain active	" 4 WD / Diff. Lock" circuit diagram	4WD ENHANCED CONTROL
			Bus fault A004 / A002			
5.1.32	A004	4WD automatic key	Key / A004 signal fault	Other functions remain active	" 4 WD / Diff. Lock" circuit diagram	4WD ENHANCED CONTROL
			Bus fault A004 / A002			
5.1.33	Y009	4WD clutch solenoid valve	Actuation fault	4WD engages	"4WD / Diff. Lock" circuit diagram	4WD ENHANCED CONTROL
5.1.34	B047	Proximity sensor - Steering angle sensor 1	Signal / switch fault	4WD diff. lock automatic system out of order	"4WD / Diff. Lock" circuit diagram	4WD ENHANCED CONTROL

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
5.1.35	B047	Proximity sensor - Steering angle sensor 2	Signal / switch fault	4WD diff. lock automatic system out of order	"4WD / Diff. Lock" circuit diagram	4WD ENHANCED CONTROL
5.1.51	A004	Diff. lock 100% key	Key / A004 signal fault	Other functions remain active	"4WD / Diff. Lock" circuit diagram	DIFFERENTIAL LOCK ENHANCED CONTROL
			Bus fault A004 / A002			
5.1.52	A004	Diff. lock automatic system key	Key / A004 signal fault	Other functions remain active	"4WD / Diff. Lock" circuit diagram	DIFFERENTIAL LOCK ENHANCED CONTROL
			Bus fault A004/A002			
5.1.53	Y010	Diff. lock solenoid valve	Actuation fault	Diff. lock disengages	"4WD / Diff. Lock" circuit diagram	DIFFERENTIAL LOCK ENHANCED CONTROL
5.1.54	S006	Left brake pedal solenoid switch	Signal fault	Automatic differential lock not available	"4WD / Diff. Lock" circuit diagram	DIFFERENTIAL LOCK ENHANCED CONTROL
5.1.55	S005	Right brake pedal solenoid switch	Signal fault	Automatic differential lock not available	"4WD / Diff. Lock" circuit diagram	DIFFERENTIAL LOCK ENHANCED CONTROL
5.1.61	B003	Suspension position sensor	Signal fault	No further functions available, suspension remains in last position. Continuation without suspension possible	" Suspension" circuit diagram	SUSPENSION ENHANCED DIAGNOSTIC SYSTEM
			8,5 supply fault		A013 Fuse	
5.1.62	Y014	"Raise" suspension solenoid valve	12V supply fault	No further functions available, suspension remains in last position. Continuation without suspension possible	" Suspension" circuit diagram	SUSPENSION ENHANCED DIAGNOSTIC SYSTEM
5.1.63	Y013	"Lower" suspension solenoid valve	12V supply fault	No further functions available, suspension remains in last position. Continuation without suspension possible	" Suspension" circuit diagram	SUSPENSION ENHANCED DIAGNOSTIC SYSTEM

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
5.1.64	A004	"Suspension "ON" key	Fault in signal from key to A004	Suspension not operational. Continuation without suspension possible		SUSPENSION ENHANCED DIAGNOSTIC SYSTEM only with single e-box version
			Fault in bus signal from A004 to A002		"CAN/enhanced controls bus" circuit diagram	
5.1.65	A004	"Suspension OFF / Lock" key	Fault in signal from key to A004	Suspension not operational. Continuation without suspension possible		SUSPENSION ENHANCED DIAGNOSTIC SYSTEM only with single e-box version
			Fault in bus signal from A004 to A002		"CAN/enhanced controls bus" circuit diagram	
5.1.66	Y012	Valve, charge suspension	Actuatuion fault	Suspension moves to "Lock" status.		Only in Farmer 400
5.1.6E	B003	Suspension position sensor	Incorrect calibration	Suspension not operational		SUSPENSION ENHANCED DIAGNOSTIC SYSTEM calibration code "7666"
5.1.00	A002	ECU, enhanced control	EPROM checksum error			
5.1.91	A003	"Rear automatic ON / OFF" key in joystick	Signal fault			
5.1.93	A003	"Front automatic ON / OFF" key in joystick	Signal fault			
5.1.95	A003	"Automatic functions STOP" key in joystick	Signal fault			

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
5.1.98	S025	LS pump pressure-operated switch	Minimum pressure cannot be reached, test Sequence : 0 / 2,4 V	Case A) Valves locked : immediate fault code ; case B) Valves in operation : 1. No fault code initially 2. Valve flow is automatically reduced. 3. If pressure-operated switch remains open for 2 more seconds, then fault code and locking of valves (= no supply to control pressure valve Y032), 4. If pressure-operated switch opens during flow restriction (see above) then flow will be restored after 3 more seconds and no fault code will be generated	"Spool valves 1" circuit diagram	Fault code only after at least 1second > 1000 rpm
			Pressure-operated switch does not open. Test sequence : 0 / 2.4V	see above		

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
5.1.99	S026	Auxilliary pump flow monitor	Minimum flow cannot be reached, test sequence: 0 / 0 V	1. Control valve flow ist automatically reduced to 20 l/min. 2. Hydraulic oil preheater switched off (if active). 3. Fault code cannot be cleared (i.e. Key reset / restart necessary).	"Spool valves 1" circuit diagram	Fault code only after at least 1 second >1000 rpm
			Flow monitor does not open. Test sequence: 0 / 0 V	No monitoring		
5.1.99	S025 , S026	LS Pump pressure-operated switch, auxilliary pump flow monitor	Short-circuit to earth in signal line, test sequence: 0/0 V	No monitoring for either pump.		
5.1.9A	S026	Auxilliary pump flow monitor	Switch fault (does not close / is still open without oil flow), test sequence 2.4 / 5.1V	No monitoring (from 09/2000 or from A002 Vario V090 software the fault will only be stored if the temperature sensor of control valve 1 for oil heater was over 5°C)	"Spool valves 1" circuit diagram	Fault code appears 8 second after "Ignition ON". Fault code can be cancelled, but appears again after 10 minutes.
			Signal line to flow monitor is interrupted, test sequence 2.4 / 5.1V	No monitoring (from 09/2000 or from A002 Vario V090 software the fault will only be stored if the temperature sensor of control valve 1 for oil heater was over 5°C)		
5.1.9B	S025 , S026	LS Pump pressure-operated switch, auxilliary pump flow monitor	Interruption, while engine is running, between connector and e-box or connector and flow monitor, test sequence: 0 / 8 V	No monitoring	"Spool valves 1" circuit diagram	Fault code with engine running

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
5.1.9B	S025 , S026	LS Pump pressure-operated switch, auxilliary pump flow monitor	Interruption even before ignition is switched on between e-box and connector (same as when both components are disconnected), test sequence: constant 8 V	No monitoring	"Spool valves 1" circuit diagram	Fault code already present at "Ignition ON".
5.1.9E	S034	Engine coolant level switch	Coolant level too low	Major engine damage!	Circuit diagram "Dashpanel"	Only for FAV 700: Fault code can only be cleared temporarily; it is repeated every 2 minutes
5.1.9F	S034	Engine coolant level switch	Signal fault	No further monitoring	Circuit diagram "Dashpanel"	Only for FAV 700
5.1.B0	A002	ECU, enhanced control	CAN-bus communication restricted			EOL reprogramming necessary
5.1.FF	A002	ECU, enhanced control	Internal fault (RAM / EEPROM)			
6.1.01	A004	Rear PTO ON / OFF key in cab	Key A004 signal fault	PTO disengages	Circuit diagram "PTO's"	COMFORT REAR PTO
			Bus fault A004 / A002			
6.1.02	S020	Left external Rear "PTO ON / OFF" pushbutton	Signal fault	PTO can be engaged by pressing emergency key in cab for 5 seconds.	Circuit diagram "PTO's"	COMFORT REAR PTO
6.1.03	S019	Right external "Rear PTO ON / OFF" pushbutton	Signal fault	PTO can be engaged by pressing emergency key in cab for 5 seconds.	Circuit diagram "PTO's"	COMFORT REAR PTO
6.1.04	Y008	Rear PTO clutch solenoid valve	Actuation fault	PTO disengages	Circuit diagram "PTO's"	COMFORT REAR PTO
6.1.05	B021	Hall-effect speed sensor at rear PTO clutch	Signal fault	PTO can be engaged by pressing emergency key in cab for 5 seconds.	Circuit diagram "PTO's"	COMFORT REAR PTO

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
6.1.06	A004	Rear PTO speed selector key 1	Key / A004 signal fault			Fav900 twin e-box version. COMFORT REAR PTO
			Bus fault A004 / A002			
6.1.07	A004	Rear PTO speed selector key 2	Signal fault			Fav900 twin e-box version. COMFORT REAR PTO
			Bus fault A004 / A002			
6.1.08	Y026	Rear PTO speed 1 solenoid valve	Actuation fault			Fav900 twin e-box version. COMFORT REAR PTO
6.1.09	Y027	Rear PTO speed 2 solenoid valve	Actuation fault			Fav900 twin e-box version. COMFORT REAR PTO
6.1.10	B020	Hall-effect speed sensor on rear PTO stub shaft	Signal fault	PTO can be engaged by pressing emergency key in cab for 5 seconds.		COMFORT REAR PTO
6.1.11	A004	Rear PTO automatic mode key	Signal fault	PTO disengages, automatic mode OFF	Circuit diagram "PTO's"	Fav700 COMFORT REAR PTO
6.1.0A	A004	"Aktiv" key (NA-Version)	Key / A004 signal fault	PTO cannot be engaged		Only for NA single e-box version. COMFORT REAR PTO
6.1.15	A004	NEUTRAL speed selection key	Key / A004 signal fault	PTO speed cannot be modified or selected	Circuit diagram "PTO's"	Only for single e-box version. COMFORT REAR PTO
6.1.16	A004	540 rpm speed selector key	Key / A004 signal fault	PTO speed cannot be modified or selected	Circuit diagram "PTO's"	Only for single e-box version. COMFORT REAR PTO
6.1.17	A004	750 rpm speed selector key	Key / A004 signal fault	PTO speed cannot be modified or selected	Circuit diagram "PTO's"	Only for single e-box version. COMFORT REAR PTO

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
6.1.18	A004	1000 rpm speed selector key	Key / A004 signal fault	PTO speed cannot be modified or selected	Circuit diagram "PTO's"	Only for single e-box version. COMFORT REAR PTO
6.1.1A	Y026	Rear PTO speed 540 solenoid valve	Actuation fault	PTO cannot be engaged	Circuit diagram "PTO's"	Only for single e-box version. COMFORT REAR PTO
6.1.1B	Y027	Rear PTO speed 750 solenoid valve	Actuation fault	PTO cannot be engaged	Circuit diagram "PTO's"	Only for single e-box version. Not for Fav 900 . COMFORT REAR PTO
6.1.1B	Y026	Rear PTO speed 750 solenoid valve	Actuation fault	PTO cannot be engaged	Circuit diagram "PTO's"	Only for Fav 900 . ENHANCED CONTROL REAR PTO
6.1.1C	Y028	Rear PTO speed 1000 solenoid valve	Actuation fault	PTO cannot be engaged	Circuit diagram "PTO's"	Only for single e-box version. Not for Fav 900 COMFORT REAR PTO
6.1.1C	Y027	Rear PTO speed 1000 solenoid valve	Actuation fault	PTO cannot be engaged	Circuit diagram "PTO's"	Only for Fav 900 . ENHANCED CONTROL REAR PTO
6.1.41	A004	Rear PTO ON / OFF key (in cab)	has been pressed for more than 30 seconds, mechanical or electric fault in key	Speed selection moves to neutral , no preselection possible	Circuit diagram "PTO's"	Only for single e-box version COMFORT REAR PTO
6.1.42	S020	Right external "Rear PTO ON / OFF" pushbutton	has been pressed for more than 30 seconds, mechanical or electric fault in key	No speed selection, PTO cannot be engaged	Circuit diagram "PTO's"	Only for single e-box version COMFORT REAR PTO
6.1.43	S019	Left external "Rear PTO ON / OFF" pushbutton	has been pressed for more than 30 seconds, mecanical or electric fault in key	No speed selection, PTO cannot be engaged	Circuit diagram "PTO's"	Only for single e-box version. COMFORT REAR PTO

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6.1.45	B021	Hall-effect speed sensor at rear PTO clutch	Speed selection in neutral, clutch not engaged, B021 shows speed, clutch disc package does not separate, PTO brake non operational	Activating speeds remains possible, press "Engage PTO" key for more than 5 seconds (emergency mode).	Circuit diagram "PTO's"	Only for single e-box version COMFORT REAR PTO
			Speed is selected, clutch 100% engaged, clutch speed deviates by more than 20 % from engine speed. Clutch is slipping.	Activating speeds remains possible, press "Engage PTO" key for more than 5 seconds (emergency mode).	Circuit diagram "PTO's"	Only for single e-box version. COMFORT REAR PTO
			PTO clutch speed is lower than that of PTO stub shaft, fault in power supply to Hall-effect sensor B021	Activating speeds remains possible, press "Engage PTO" key for more than 5 seconds (emergency mode).	Circuit diagram "PTO's"	Only for single e-box version. COMFORT REAR PTO
6.1.4A	A004	"Active" key (only NA Version)	has been pressed for more than 30 seconds, mechanical or electrical fault in key	No PTO operation possible		Only for single e-box NA version. COMFORT REAR PTO

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6.1.50	B020	Rear PTO stub shaft Hall-effect speed sensor	Speed at PTO stub shaft > 1300 rpm, signal fault in Hall-effect sensor (B020 or B021)	Activating speeds remains possible , press "Engage PTO" key for more than 5 seconds (emergency mode)	Circuit diagram "PTO's	Only for Fav700 single e-box version. COMFORT REAR PTO
			Selected speed is active, speed at stub is lower than clutch speed , power supply fault to Hall-effect sensor B020, speed selection solenoid valve (Y026, Y027, Y028) stuck in "OFF" position.	Electric speed selection remains possible, press "Engage PTO" key for more than 5 seconds (emergency mode). In case of a faulty solenoid valve, corresponding speed cannot be engaged.	Circuit diagram "PTO's	Only for Fav 700 single e-box version. COMFORT REAR PTO
6.1.55	A004	NEUTRAL speed selection key	has been pressed for more than 30 seconds, mechanical or electrical fault in key.	All speeds can be selected and engaged. Neutral cannot be selected.	Circuit diagram "PTO's	Only for single e-box version . COMFORT REAR PTO
6.1.56	A004	540 rpm speed selector key	has been pressed for more than 30 seconds, mechanical or electrical fault in key.	As long as "540" is selected, engagement can occur. "1000" and "750" can be selected, press "Engage PTO" key longer than 5 seconds. "540" cannot be selected.	Circuit diagram "PTO's	Only for single e-box version. COMFORT REAR PTO
6.1.57	A004	750 rpm speed selector key	has been pressed for more than 30 seconds, mechanical or electrical fault in key.	As long as "750" is selected, engagement can occur. "1000" and "540" can be selected, press "Engage PTO" key longer than 5 seconds. "750" cannot be selected.	Circuit diagram "PTO's	Only for single e-box version. COMFORT REAR PTO

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6.1.58	A004	1000 rpm speed selector key	has been pressed for more than 30 seconds, mechanical or electrical fault in key.	As long as "1000" is selected, engagement can occur. "750" and "540" can be selected, press "Engage PTO" key longer than 5 seconds. "1000" cannot be selected.	Circuit diagram "PTO's	Only for single e-box version. COMFORT REAR PTO
6.1.60	B020 B021	PTO stub shaft Hall-effect speed sensor B020, Hall-effect speed sensor on PTO clutch B021	Actual speed of stub shaft differs by more than plus / minus 12% from setpoint speed of PTO clutch. Solenoid valve (Y026, Y027, Y028) wrongly wired or seized. Mechanical fault in speed selector. Signal fault at Hall-effect sensor (B020, B021)	Electric speed selection remains possible, press "Engage PTO" key for more than 5 seconds (emergency mode). In case of a faulty solenoid valve, corresponding speed cannot be engaged	Circuit diagram "PTO's	Only for single e-box version . COMFORT REAR PTO
6.1.A1	A004	Rear PTO "ON" key	Communication fault		Circuit diagram "PTO's	Only for single e-box version. COMFORT REAR PTO
6.1.AA	A004	"Active" key	Communication fault			Only for single e-box NA version. COMFORT REAR PTO
6.1.B0			CAN-bus communication restricted	Rear PTO non-operational		EOL reprogramming necessary
6.1.B5	A004	NEUTRAL speed selection key	Communication fault			Only for single e-box version. COMFORT REAR PTO
6.1.B6	A004	540 rpm speed selector key	Communication fault			Only for single e-box version. COMFORT REAR PTO

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
6.1.B7	A004	750 rpm speed selector key	Communication fault			Only for single e-box version. COMFORT REAR PTO
6.1.B8	A004	1000 rpm speed selector key	Communication fault			Only for single e-box version. COMFORT REAR PTO
6.1.C1			Activating speed for automatic operation of PTO/power lift not achieved.	Increase travel speed > 1 km/h		
7.1.01	A004	Front PTO ON / OFF key	Key / A004 signal fault		Circuit diagram "PTO's"	COMFORT FRONT PTO
			Bus fault A004 / A002			
7.1.02	S041	"Release front PTO brake" external pushbutton	Signal fault		Circuit diagram "PTO's"	Fav900: COMFORT FRONT PTO
7.1.03	Y034	"Release brake" front PTO solenoid valve	Actuation fault		Circuit diagram "PTO's"	
7.1.04	Y011	"PTO clutch" front PTO solenoid valve	Actuation fault			COMFORT FRONT PTO
7.1.05	B002	Front PTO Hall-effect speed sensor	Signal fault		Circuit diagram "PTO's"	COMFORT FRONT PTO
7.1.06	S042	Front PTO speed sensor 1 solenoid switch	Signal fault		Circuit diagram "PTO's"	Fav 900 twin e-box version. COMFORT FRONT PTO
7.1.07	S042	Front PTO speed sensor 2 solenoid switch	Signal fault		Circuit diagram "PTO's"	Fav 900 twin e-box version. COMFORT FRONT PTO
7.1.08	S042	Front PTO speed sensor 3 solenoid switch	Signal fault		Circuit diagram "PTO's"	Fav 900 twin e-box version. COMFORT FRONT PTO

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7.1.09	A004	Front PTO automatic mode key	Key / A004 signal fault		Circuit diagram "PTO's"	Fav 700: COMFORT FRONT PTO
			Bus fault A004 / A002			
7.1.0A	A004	"Active" key	Key / A004 signal fault			Only for NA single e-box version. COMFORT FRONT PTO
			Bus fault A004 / A002			
7.1.41	A004	Front PTO "ON" key	Plausibility error, key has been pressed for more than 30 seconds			Only for single e-box version. COMFORT FRONT PTO
7.1.42	S041	"Release brake" key	Plausibility error, key has been pressed for more than 30 seconds			Only for Fav 900 Single e-box version. COMFORT FRONT PTO
7.1.4A	A004	"Active" key	Plausibility error, key has been pressed for more than 30 seconds			Only for single e-box NA version. COMFORT FRONT PTO
7.1.A1	A004	Front PTO "ON" key	Communication fault			Only for single e-box version. COMFORT FRONT PTO
7.1.A2			Communication fault			Only for single e-box version. COMFORT FRONT PTO
7.1.AA	A004	"Active" key	Communication fault			Only for single e-box NA version. COMFORT FRONT PTO
7.1.C1			Activating speed for automatic operation of PTO/power lift not achieved.	Increase travel speed > 1 km/h		

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8.3.11	A005; Y021	Rear EPC , "Raise" function	Fault in signal line to valve	Control locked	"Electrohydraulic power lift control" circuit diagram	REAR EPC SPOOL VALVES - OPERATING STATUS
			Solenoid valve fault			
			E-box fault			
8.3.12	Y021	Rear EPC , "Lower" function	Fault in signal line to valve	Control locked	"Electrohydraulic power lift control" circuit diagram	REAR EPC SPOOL VALVES - OPERATING STATUS
			Solenoid valve fault			
			E-box fault			
8.3.14	S029	"Raise" rear power lift external pushbotton, cab, left rear	Signal line fault, key fault	Control locked	"Electrohydraulic power lift control" circuit diagram	REAR EPC EXTERNAL PUSHBUTTONS
8.3.15	S030	"Lower" rear power lift external pushbotton, cab, left rear	Signal line fault	Control locked	"Electrohydraulic power lift control" circuit diagram	REAR EPC EXTERNAL PUSHBUTTONS
8.3.16	A005	Rear EPC control module	Stable voltage < 1 volt	Control locked	"Electrohydraulic power lift control" circuit diagram	REAR EPC EXTERNAL PUSHBUTTONS
8.3.17	A005	Rear EPC control module	Supply voltage >18 volt	Control locked	"Electrohydraulic power lift control" circuit diagram	Ub 30
8.3.18	S027	"Raise" rear power lift external pushbotton, cab, right rear	Signal line fault	Control locked	"Electrohydraulic power lift control" circuit diagram	REAR EPC EXTERNAL PUSHBUTTONS
			Key fault			
8.3.19	S028	"Lower" rear power lift external pushbotton, cab, right rear	Signal line fault	Control locked	"Electrohydraulic power lift control" circuit diagram	REAR EPC EXTERNAL PUSHBUTTONS
			Key fault			

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
8.3.21		Rotary control for "Position/traction hybrid control" for rear EPC	Signal fault			Only for FAV900 with twin control modules
8.3.22	B030	Rear EPC position sensor	Signal line fault	Control locked	"Electrohydraulic power lift control" circuit diagram	REAR EPC SETPOINT / POSITION SENSOR
			Fault in 9.5 V supply to A005			
			Sensor out of position			
			Sensor fault			
8.3.23	(A004)	Rear EPC "Depth control" setpoint setting	Signal line fault	Control locked		REAR EPC SETPOINT / POSITION SENSOR
8.3.24		Rear power lift "lift height limit" rotary control	Signal fault	Control locked		Only for FAV900 with twin control modules
8.3.26		External position sensor for rear power lift	Signal line fault	Control locked	"Electrohydraulic power lift control" circuit diagram	
			Sensor out of position			
			Sensor fault			
8.3.28	(A004)	Control console ECU	Fault in rear EPC rapid lift control	"Lift" and "Lower" only possible via external buttons.	"Electrohydraulic power lift control" circuit diagram	REAR EPC ACKNOWLEDGEMENTS / STATUS
8.3.31	B031	Rear EPC right draft-sensing pin	Signal line fault	Restricted control quality with traction control	"Electrohydraulic power lift control" circuit diagram	REAR EPC DRAFT-SENSING PIN
			9,5 V supply fault			
			Sensor fault			

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
8.3.32	B032	Rear EPC left draft-sensing pin	Signal line fault	Restricted control quality with traction control	"Electrohydraulic power lift control" circuit diagram	REAR EPC DRAFT-SENSING PIN
			Fault in 9,5 V supply to A005			
			Sensor fault			
8.3.33	G001; G002	Battery 1; battery 2	Battery voltage < 11 volts		"Power supply +Ub" circuit diagram	
8.3.34		Rear power lift "Lowering speed" rotary control	Signal fault	Cannot be changed	"Electrohydraulic power lift control" circuit diagram	Only for FAV900 with twin control modules
8.3.35		Rear power lift "Operating mode" rotary control	Signal fault	Cannot be changed	"Electrohydraulic power lift control" circuit diagram	Only for FAV900 with twin control modules
8.3.38		Rear power lift pressure sensor	Signal fault, pressure sensor fault	Control is continued	"Electrohydraulic power lift control" circuit diagram	Only for FAV900 with twin control modules
8.3.39		Rear power lift "Rapid lowering / Hitchlift" switch	Signal fault	Control is continued	"Electrohydraulic power lift control" circuit diagram	Only for FAV900 with twin control modules
8.3.40	(A004)	Rear power lift rapid lift control	Fault in switch / A004 contact	Lifting and lowering only via external controls	"Electrohydraulic power lift control" circuit diagram	REAR EPC ACKNOWLEDGEMENTS / STATUS
			CAN (K-Bus) fault A004 / A005			
8.3.41	(A004)	Rear power lift rapid lift control	Fault in switch / A004 contact	Rapid lowering system not functioning	"Electrohydraulic power lift control" circuit diagram	REAR EPC ACKNOWLEDGEMENTS / STATUS
			CAN (K-Bus) fault A004 / A005			

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
8.3.42	(A004)	Rear EPC, hitch function	Fault in switch / A004 contact	Hitch function not operational	"Electrohydraulic power lift control" circuit diagram	REAR EPC ACKNOWLEDGEMENTS / STATUS
			CAN (K-Bus) fault A004 / A005			
8.3.43	(A004)	Automatic function (switching from control console to joystick)	Fault in switch / A004	Switching not possible	"Electrohydraulic power lift control" circuit diagram	REAR EPC ACKNOWLEDGEMENTS / STATUS
			CAN (K-Bus) fault A004 / A005			
8.3.50	B031 draft-sensing pin	Rear EPC right draft-sensing pin	Draft-sensing pin is overloaded as a result of twisting lift in upper range (90-100% lift height) due to too tight setting	Fault code will not be stored	"Electrohydraulic power lift control" circuit diagram	Display is not shown for FAV900
8.3.51	B032 draft-sensing pin	Rear EPC left draft-sensing pin	Draft-sensing pin is overloaded as a result of twisting lift in upper range (90-100% lift height) due to too tight setting	Fault code will not be stored	"Electrohydraulic power lift control" circuit diagram	Display is not shown for FAV900
9.1.50		Spool valve fault	Valve cannot be identified by bus line	No valve operation available	Signal flow diagram A002 CAN II Pin 4 and 5	

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9.1.5F		Spool valve fault	Setpoint message missing	Valve moves into neutral position		FRONT POWER LIFT
			Configuration message missing			
			Setpoint message is not plausible			
			Configuration message is not plausible			
			Potentiometer or PWM fault			
9.1.51		Spool valve fault	EEPROM inconsistent	Valve moves into neutral position		FRONT POWER LIFT
9.1.52		Spool valve fault	Supply voltage < 8 volts	Valve moves into neutral position		FRONT POWER LIFT
9.1.53		Spool valve fault	Supply voltage > 18 volts	Valve moves into neutral position		FRONT POWER LIFT
9.1.54		Spool valve fault	Main Piston travel too short due to drop of control pressure below 22 bar	Valve moves into neutral position		FRONT POWER LIFT
			Hydraulic oil temperature too low			
9.1.5A		Spool valve fault	Main piston deflected too far	Valve moves into neutral position		FRONT POWER LIFT
9.1.5B		Spool valve fault	Floating position is not reached	Valve moves into neutral position		FRONT POWER LIFT
9.1.5C		Spool valve fault	Floating position has been set manually	No consequences		FRONT POWER LIFT
9.1.55		Spool valve fault	Overvoltage (> 45 volts)	Valve moves into neutral position		

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
9.1.56		Spool valve fault	Magnet output stage fault within spool valve	Valve moves into neutral position		FRONT POWER LIFT
9.1.57		Spool valve fault	Internal position sensor fault	Valve moves into neutral position		FRONT POWER LIFT
9.1.58		Spool valve fault	Main piston cannot return into neutral position because of oil contamination			FRONT POWER LIFT
9.1.59		Spool valve fault	Main piston cannot return into neutral position when switched on because of oil contamination			FRONT POWER LIFT
9.1.A0	A002	ECU, enhanced control	EEPROM fault while storing	Set values (enhanced controls) are not stored		
9.1.A1	A002	ECU, enhanced control	EEPROM fault while loading	Set values (enhanced controls) cannot be read		
9.1.B0	B040	Position sensor	Not calibrated	No position control available	"Spool valves 2" circuit diagram	FRONT POWER LIFT calibration code "9002"
9.1.B1	B040	Position sensor	Signal line fault	No position control available	Circuit diagram "Spool Valves 2"	FRONT POWER LIFT
			8.5 V supply Fault			
			Sensor out of position			
			Sensor fault			
9.1.B2	A004	Depth control setpoint potentiometer	Not calibrated	Setpoint cannot be set		FRONT POWER LIFT calibration code "9001"
9.1.B3	A004	Depth control setpoint potentiometer	Switch / A004 signal fault	Setpoint cannot be set		FRONT POWER LIFT
9.1.C0	A004	Control console	Not available or bus not connected			

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
9.1.C1	A004	Automatic (switching from control console to joystick)	Key fault			FRONT POWER LIFT
9.1.C2	A004	Valve locked	Key fault			FRONT POWER LIFT
9.1.C3	A004	Floating position	Key fault			FRONT POWER LIFT
9.1.C4	A004	"Lift" rapid lift control	Key fault			FRONT POWER LIFT
9.1.C5	A004	"Lower" rapid lift control	Key fault			FRONT POWER LIFT
9.1.C6 9.1.C7 9.1.C8 9.1.C9 9.1.CA	A004	Control Console	CAN-bus fault	Malfunctions which cannot be further specified		
9.1.D0	S021	"Lift" front power lift external pushbutton	Key fault	No function	Circuit diagram "Spool valves 2"	FRONT POWER LIFT
9.1.D1	S022	"Lower" front power lift external pushbutton	Key fault	No function	Circuit diagram "Spool valves 2"	FRONT POWER LIFT
A.1.10		Spool valve fault, valve 1	Valve cannot be recognised by valve bus	No valve operation available	Signal flow diagram A002 CAN II pin 4 and 5	
A.1.11		Spool valve fault, valve 1	EEPROM inconsistent	Valve moves into neutral position		
A.1.12		Spool valve fault, valve 1	Supply voltage < 8 volts	Valve moves into neutral position		
A.1.13		Spool valve fault, valve 1	Supply voltage > 18 volts	Valve moves into neutral position		
A.1.14		Spool valve fault, valve 1	Main piston travel too short due to drop of control pressure below 22 bar	Valve moves into neutral position		SPOOL VALVES 1 - 4
			Hydraulic oil temperature too low			

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
A.1.15		Spool valve fault, valve 1	Overvoltage (<45 volts)	Valve moves into neutral position		
A.1.16		Spool valve fault, valve 1	Magnet output stage fault within spool valve	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.17		Spool valve fault, valve 1	Internal position sensor fault	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.18		Spool valve fault, valve 1	Main piston cannot return to neutral position because of oil contamination.	Undefined and uncontrolled functions can occur , DANGER!		SPOOL VALVES 1 - 4
A.1.19		Spool valve fault, valve 1	Main piston cannot return to neutral position when switched on because of oil contamination			SPOOL VALVES 1 - 4
A.1.1A		Spool valve fault	Main piston deflected too far	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.1B		Spool valve fault, valve 1	Floating position is not reached	Valvel moves into neutral position		SPOOL VALVES 1 - 4
A.1.1C		Spool valve fault, valve 1	Floating position has been set manually	No consequences		SPOOL VALVES 1 - 4
A.1.1F		Spool valve fault, valve 1	Setpoint message is missing or not plausible	Valve moves into neutral position		SPOOL VALVES 1 - 4 setpoint / actual value display
			Configuration message is missing or not plausible			
			Potentiometer or PWM fault			

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
A.1.20		Spool valve fault, valve 2	Valve cannot be recognised by valve bus	No valve operation available	Signal flow diagram A002 CAN II pin 4 and 5	
A.1.21		Spool valve fault, valve 2	EEPROM inconsistent	Valve moves into neutral position		
A.1.22		Spool valve fault, valve 2	Supply voltage < 8 volts	Valve moves into neutral position		
A.1.23		Spool valve fault, valve 2	Supply voltage > 18 volts	Valve moves into neutral position		
A.1.24		Spool valve fault, valve 2	Main piston travel too short due to drop of control pressure below 22 bar	Valve moves into neutral position		SPOOL VALVES 1 - 4
			Hydraulic oil temperature to low			
A.1.25		Spool valve fault, valve 2	Overvoltage (> 45 volts)	Valve moves into neutral position		
A.1.26		Spool valve fault, valve 2	Magnet output stage fault within spool valve	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.27		Spool valve fault, valve 2	Internal position sensor fault	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.28		Spool valve fault, valve 2	Main piston cannot return into neutral position because of oil contamination.	Undefined and uncontrolled functions can occur , DANGER!		SPOOL VALVES 1 - 4

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A.1.29		Spool valve fault, valve 2	Main piston cannot return to neutral position when switched on because of oil contamination.			SPOOL VALVES 1 - 4
A.1.2A		Spool valve fault, valve 2	Main piston deflected too far	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.2B		Spool valve fault, valve 2	Floating position is not reached	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.2C		Spool valve fault, valve 2	Floating position has been set manually	No consequences		SPOOL VALVES 1 - 4
A.1.2F		Spool valve fault, valve 2	Setpoint message is missing or not plausible	Valve moves into neutral position		SPOOL VALVES 1 - 4 setpoint / actual value display
			Configuration message is missing or not plausible			
			Potentiometer or PWM fault			
A.1.30		Spool valve fault, valve 3	Valve cannot be recognised by valve bus	No valve operation available	Signal flow diagram A002 CAN II pin 4 and 5	
A.1.31		Spool valve fault, valve 3	EEPROM inconsistent	Valve moves into neutral position		
A.1.12		Spool valve fault, valve 3	Supply voltage < 8 volts	Valve moves into neutral position		
A.1.33		Spool valve fault, valve 3	Supply voltage > 18 volts	Valve moves into neutral position		

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
A.1.34		Spool valve fault, valve 3	Main piston travel too short due to drop of control pPressure below 22 bar	Valve moves into neutral position		SPOOL VALVES 1 - 4
			Hydraulic oil temperature too low			
A.1.35		Spool valve fault, valve 3	Overvoltage (> 45 volts)	Valve moves into neutral position		
A.1.36		Spool valve fault, valve 3	Magnet output stage fault within spool valve	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.37		Spool valve fault, valve 3	Internal position sensor fault	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.38		Spool valve fault, valve 3	Main piston cannot return into neutral position because of oil contamination.	Undefined and uncontrolled functions can occur, DANGER!		SPOOL VALVES 1 - 4
A.1.39		Spool valve fault, valve 3	Main piston cannot return to neutral position when switched on because of oil contamination.			SPOOL VALVES 1 - 4
A.1.3A		Spool valve fault, valve 3	Main piston deflected too far	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.3B		Spool valve fault, valve 3	Floating position is not reached	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.3C		Spool valve fault, valve 3	Floating position has been set manually	No consequences		SPOOL VALVES 1 - 4

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A.1.3F		Spool valve fault, valve 3	Setpoint message is missing or not plausible	Valve moves into neutral position		SPOOL VALVES 1 - 4 setpoint / actual value display
			Configuration message is missing or not plausible			
			Potentiometer or PWM fault			
A.1.40		Spool valve fault, valve 4	Valve cannot be recognised by valve bus	No valve operation available	Signal flow diagram A002 CAN II pin 4 and 5	
A.1.41		Spool valve fault, valve 4	EEPROM inconsistent	Valve moves into neutral position		
A.1.42		Spool valve fault, valve 4	Supply voltage < 8 volts	Valve moves into neutral position		
A.1.43		Spool valve fault, valve 4	Supply voltage > 18 volts	Valve moves into neutral position		
A.1.44		Spool valve fault, valve 4	Main piston travel too short due to drop of control pressure below 22 bar	Valve moves into neutral position		SPOOL VALVES 1 - 4
			Hydraulic oil temperature too low			
A.1.45		Spool valve fault, valve 4	Overvoltage (> 45 Volt)	Valve moves into neutral position		
A.1.46		Spool valve fault, valve 4	Magnet output stage fault within spool valve	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.47		Spool valve fault, valve 4	Internal position sensor fault	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.48		Spool valve fault, valve 4	Main piston cannot return to neutral position because of oil contamination.	Undefined and uncontrolled functions can occur, DANGER!		SPOOL VALVES 1 - 4

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A.1.49		Spool valve fault, valve 4	Main piston cannot return to neutral position when switched on because of oil contamination.			SPOOL VALVES 1 - 4
A.1.4A		Spool valve fault, valve 4	Main piston deflected too far	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.4B		Spool valve fault, valve 4	Floating position is not reached	Valve moves into neutral position		SPOOL VALVES 1 - 4
A.1.4C		Spool valve fault, valve 4	Floating position has been set manually	No consequences		SPOOL VALVES 1 - 4
A.1.4F		Spool valve fault, valve 4	Setpoint message is missing or not plausible	Valve moves into neutral position		SPOOL VALVES 1 - 4 setpoint / actual value display
			Configuration message is missing or not plausible			
			Potentiometer or PWM fault			
A.1.A0	A002	E-box	EEPROM fault while storing			-
A.1.A1	A002	E-box	EEPROM fault while loading			-
A.1.A2			More valves connected than registered via end-of-line programming. Program	Not all valves can be operated		-
A.1.B0	A003	Crossgate lever	Not calibrated	Valves cannot be operated		Calibration code "1001"

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A.1.B1	A003	Crossgate lever	X- axis signal fault	Valves cannot be operated	Circuit diagram "Spool valves 1"	SPOOL VALVES OPERATION
A.1.B2	A003	Crossgate lever	Y- axis signal fault	Valves cannot be operated	Circuit diagram "Spool valves 1"	SPOOL VALVES OPERATION
A.1.B3	A003	Crossgate lever	Interference with X- and Y-axis signals; crossgate lever missing	Valves cannot be operated	Circuit diagram "Spool valves 1"	SPOOL VALVES OPERATION
A.1.B4	A003	Crossgate lever	Zero position signals of X- and Y-axes are not identical to the "Rest position" signal (=plausibility check)	Valves cannot be operated	Circuit diagram "Spool valves 1"	SPOOL VALVES OPERATION
A.1.B5	A003	Crossgate lever	"Rest position" signal fault	Valves cannot be operated	Circuit diagram "Spool valves 1"	SPOOL VALVES OPERATION
A.1.C0	A004	Side console	Not available or bus not connected			-
A.1.C1	A004	Automatic (switching from control console to joystick)	Key fault			SPOOL VALVES OPERATION
A.1.C2	A004	Valve locked	Key fault			SPOOL VALVES OPERATION
A.1.C5	A004	Switching function	Key fault			SPOOL VALVES OPERATION

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
A.1.C6 A.1.C7 A.1.C8 A.1.C9 A.1.CA	A004	Control console	CAN-bus fault	Malfunctions which cannot be further specified		-
A.1.D1	A003	Joystick button for spool valve 3 Lifting / Lowering	Key fault	No valve operation available		SPOOL VALVES OPERATION
A.1.D3	A003	Joystick button for spool valve 4 Lifting / Lowering	Key fault	No valve operation available		SPOOL VALVES OPERATION
A.1.D4	S023	Release for external operation / position of front power lift	Solenoid switch or signal fault	Impossible to switch mode from hydraulic connection to front power lift	Circuit diagram "Spool valves 1"	
A.1.D6	S021	External "Lift" pushbutton		No valve operation available	Circuit diagram "Spool valves 1"	STANDARD FRONT POWER LIFT or COMFORT FRONT POWER LIFT EPC
A.1.D7	S036	Hydraulic oil level sensor	Break in cable or sensor disconnected	No further monitoring	Circuit diagram "Spool valves 1"	Single e-box versions (cf. 0.1.55) ENHANCED CONTROL STEERING FLUID LEVELS
A.1.D9	S036	Hydraulic oil level sensor	Tank is empty	All valves are locked	Circuit diagram "Spool valves 1"	ENHANCED CONTROL STEERING FLUID LEVELS
A.1.DA	B022	Pressure-operated switch for kickout (NA)	Switch fault	"Kickout" function not available	Circuit diagram "Spool valves 1"	
A.1.DB			Hydraulic oil tank characteristic implausible	Incorrect tank display		EOL reprogramming necessary

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Faults

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
A.1.DC			Hydraulic oil priority volume greater than pump volume. Reduce hydraulic oil priority volume.			
A.1.E0			Not all conditions which are required for switching are met	Switching from EPC to DA and vice versa impossible		
A.1.E1			Switch fault	Switching from EPC to DA and vice versa impossible		
A.1.E2			Pilot valve fault	Switching from EPC to DA and vice versa impossible		
A.1.E3			Shutoff valve fault	Switching from EPC to DA and vice versa impossible		
A.1.E4			EPC is not available, not detected	Switching from EPC to DA and vice versa impossible		
A.1.E5			Mecanical problem within spool valve	Switching from EPC to DA and vice versa impossible		
A.1.F0	Y032	Control pressure solenoid valve	Fault in electric actuation system or solenoid valve.	Valves in neutral position	Circuit diagram "Spool valves 1"	

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Fault code	Id code	Brief description	Description	Consequences	Link	FENDIAS / Note
A.1.F1	Y033 MVV	"Flush valve" solenoid	12V supply fault	No oil heating during start-up process for LS pump at low ambient temperature	Circuit diagram "Suspension"	SPOOL VALVES OVERVIEW OF OPERATION VALVES 1 - 4
A.1.F1	A013	Fuseboard	Overall 8.5 V power supply failure (multiple fault codes)	Fault in suspension and other faults	Circuit diagram "Electronics power supply"	No FENDIAS diagnosis possible.

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