

MODEL 129 as of 1.9.95 except CODE (472a) Electronic Stability Program (ESP)
MODEL 140 as of 1.9.95 except CODE (472a) Electronic Stability Program (ESP)
MODEL 202 as of 1.9.95 except CODE (472a) Electronic Stability Program (ESP)
MODEL 170 except CODE (472a) Electronic Stability Program (ESP)
MODEL 208 except CODE (472a) Electronic Stability Program (ESP)
MODEL 210
 with **ENGINE 112, 113, 119, 602.982, 611,**
 104, 111, 604, 605, 606 as of 1.6.96 except CODE (472a) Electronic Stability Program (ESP)
MODEL 210.08 /28
 except **CODE (212a) Electronic traction support (ETS)**
 except **CODE (472a) Electronic Stability Program (ESP)**

	Traction systems (ABS, ASR, ETS) and SPS diagnosis, advanced information		AD42.00-P-2000A
		ⓘ The fault code cannot be read out with the pulse counter	
	Connect Hand-Held Tester (HHT) and read out fault memory	ⓘ No test wiring harness should be connected while carrying out actuations with the HHT ⓘ Always read out the ABS, ASR or ETS fault memory before carrying out repair work. It is absolutely essential to also read out the HFM-SFI or ME-SFI and, if necessary, the EA fault memory on vehicles with ASR.	AD00.00-P-2003A
	Ignition ON		
	Fault memory		
Fault code	Fault text	Possible cause/note	Remedy
No fault		In the event of a complaint carry out testing electrical system of traction systems and SPS in full.	AD42.00-P-6000A
☐ 1000	Traction system control module (N47)		N47
☐ 1010	Battery undervoltage, terminal 87		&.3.4.(AD42.00-P-6000-01A)
☐ 1011	Solenoid valve voltage supply, open-circuit/short-circuit (A7/3)		&.3.5.(AD42.00-P-6000-05A) &.3.5.(AD42.00-P-6000-02A)
☐ 1012	Battery overvoltage, terminal 87		&.3.6.(AD42.00-P-6000-01A)
☐ 1020	CAN communication generally faulty		Cable
☐ 1021	CAN communication with EA control module (N4/1) faulty		Read out EA fault memory, Engine
☐ 1022	CAN communication with engine control module (ME-SFI) (N3/10) faulty		Read out ME-SFI fault memory, Engine
☐ 1024	CAN communication with transmission control module (N15/3) faulty		Read out ETC fault memory, DM Chassis
☐ 1100	Left front axle VSS sensor (L6/1), open-circuit Left front axle VSS sensor (L6/1), loose contact Left front axle VSS sensor (L6/1), plausibility	Rotor with incorrect number of teeth, dirty or damaged, incorrect rear axle ratio, tires or wheels	&.3.7.(AD42.00-P-6000-11A)
☐ 1101	Right front axle VSS sensor (L6/2), open-circuit Right front axle VSS sensor (L6/2), loose contact Right front axle VSS sensor (L6/2), plausibility	Rotor with incorrect number of teeth, dirty or damaged, incorrect rear axle ratio, tires or wheels.	&.3.8.(AD42.00-P-6000-13A)

1102	ETS/ASR: Left rear axle VSS sensor (L6/3), open-circuit Left rear axle VSS sensor (L6/3), loose contact Left rear axle VSS sensor (L6/3), plausibility ABS: Rear axle VSS sensor (L6), open-circuit Rear axle VSS sensor (L6), loose contact Rear axle VSS sensor (L6), plausibility	Rotor with incorrect number of teeth, dirty or damaged, incorrect rear axle ratio, tires or wheels.	&.3.9.(AD42.00-P-6000-16A) &.3.9.(AD42.00-P-6000-15A)
1103	Right rear axle VSS sensor (L6/4), open-circuit Right rear axle VSS sensor (L6/4), loose contact Right rear axle VSS sensor (L6/4), plausibility	Rotor with incorrect number of teeth, dirty or damaged, incorrect rear axle ratio, tires or wheels.	&.3.10.(AD42.00-P-6000-19A)
1104	Left front axle VSS sensor (L6/1), plausibility	Rotor with incorrect number of teeth, dirty or damaged, incorrect rear axle ratio, tires or wheels.	&.3.11.(AD42.00-P-6000-11A)
1105	Right front axle VSS sensor (L6/2), plausibility	Rotor with incorrect number of teeth, dirty or damaged, incorrect rear axle ratio, tires or wheels.	&.3.12.(AD42.00-P-6000-13A)
1106	ETS/ASR: Left rear axle VSS sensor (L6/3), plausibility ABS: Rear axle VSS sensor (L6), plausibility	Rotor with incorrect number of teeth, dirty or damaged, incorrect rear axle ratio, tires or wheels.	&.3.13.(AD42.00-P-6000-16A) &.3.13.(AD42.00-P-6000-15A)
1107	Right rear axle VSS sensor (L6/4), plausibility	Rotor with incorrect number of teeth, dirty or damaged, incorrect rear axle ratio, tires or wheels.	&.3.14.(AD42.00-P-6000-19A)
1142	Lateral acceleration sensor (B24/2), open-circuit/short-circuit		&.3.15.(AD42.00-P-6000-08A)
1143	Lateral acceleration sensor (B24/2), plausibility		&.3.16.(AD42.00-P-6000-08A)
1200	Stop lamp switch (S9/1), open-circuit/short-circuit Stop lamp switch (S9/1), plausibility		Cable S9/1
1300	Left front axle solenoid valve (hold) (A7/3y6), open-circuit/short-circuit		&.3.17.(AD42.00-P-6000-21A)
1301	Left front axle solenoid valve (release) (A7/3y7), open-circuit/short-circuit		&.3.18.(AD42.00-P-6000-21B)
1302	Right front axle solenoid valve (hold) (A7/3y8), open-circuit/short-circuit		&.3.19.(AD42.00-P-6000-22A)
1303	Right front axle solenoid valve (release) (A7/3y9), open-circuit/short-circuit		&.3.20.(AD42.00-P-6000-22B)
1304	Left rear axle solenoid valve (hold) (A7/3y10), open-circuit/short-circuit		&.3.21.(AD42.00-P-6000-23A) &.3.21.(AD42.00-P-6000-24A)
1305	Left rear axle solenoid valve (release) (A7/3y11), open-circuit/short-circuit		&.3.22.(AD42.00-P-6000-23B) &.3.22.(AD42.00-P-6000-24B)
1306	Right rear axle solenoid valve (hold) (A7/3y12), open-circuit/short-circuit		&.3.23.(AD42.00-P-6000-25A)
1307	Right rear axle solenoid valve (release) (A7/3y13), open-circuit/short-circuit		&.3.24.(AD42.00-P-6000-25B)
1311	Rear axle switchover/solenoid valve (A7/3y5), open-circuit/short-circuit		&.3.25.(AD42.00-P-6000-26A)
1312	Master brake cylinder switchover valve (Y61)		&.3.26.(AD42.00-P-6000-09A)
1313	Solenoid valve relay		Control module (N47)
1314	Solenoid valve voltage supply (A7/3)		&.3.27.(AD42.00-P-6000-05A) &.3.27.(AD42.00-P-6000-02A)
1315	Inlet solenoid valve (A7/3y15)		&.3.28.(AD42.00-P-6000-27A)
1401	High-pressure/return pump (A7/3m1), open-circuit/short-circuit High-pressure/return pump (A7/3m1), does not switch off		&.3.29.(AD42.00-P-6000-06A)

1500	Speed sensor plausibility	Rotor with incorrect number of teeth, dirty or damaged, incorrect rear axle ratio, tires or wheels.	&.3.30.(AD42.00-P-6000-11A) &.3.30.(AD42.00-P-6000-13A) &.3.30.(AD42.00-P-6000-15A) &.3.30.(AD42.00-P-6000-16A) &.3.30.(AD42.00-P-6000-19A)
1501	SPS P-valve (Y10)		&.3.31.(AD42.00-P-6000-07A)
1511	ETS/SPS control module (N47-2) not coded		Control module (N47-2)
1512	Overheating brake		Brake was overloaded temporarily, erase fault
1513	Coding ASR control module (N47-1) or ME-SFI incorrect (N3/10)		Control module (N47-1) Control module (N3/10)
1514	SPS P-valve (Y10) Reference data		&.3.32.(AD42.00-P-6000-07A) Control module (N47)
1515	Coding SPS		Control module (N47)
1600	Temperature shut-off delay		Control module (N47)