

<b>VIN</b>	██████████	<b>Model series/model designation</b>	164.████ All
<b>Order number</b>		<b>License plate</b>	

Fault codes

Control unit: LF2

Code	Text	Status
5000	Control unit N51 (AIRmatic control unit), internal fault	CURRENT
5001	Control unit N51 (AIRmatic control unit), internal fault	CURRENT
5002	Control unit N51 (AIRmatic control unit), internal fault	CURRENT
5003	Control unit N51 (AIRmatic control unit), internal fault	CURRENT
5004	Control unit N51 (AIRmatic control unit), internal fault	CURRENT
5005	Control unit N51 (AIRmatic control unit), internal fault	CURRENT
5006	Control unit N51 (AIRmatic control unit), internal fault	CURRENT
5007	Control unit N51 (AIRmatic control unit), internal fault	CURRENT
5008	Control unit N51 (AIRmatic control unit), internal fault	CURRENT
5009	Control unit N51 (AIRmatic control unit), internal fault	CURRENT
500C	Control unit N51 (AIRmatic control unit), internal fault	CURRENT
500D	Control unit N51 (AIRmatic control unit), internal fault	CURRENT
5010	Low voltage with engine shut off	CURRENT
5011	Control unit N51 (AIRmatic control unit) recognizes undervoltage when engine is running.	CURRENT
5020	Power supply (terminal 30): overvoltage	CURRENT
5030	Engine compartment CAN databus : CAN controller: CAN bus OFF	CURRENT
5100	Check component B24/3 (Left front body acceleration sensor).	CURRENT
5101	Check component B24/3 (Left front body acceleration sensor).	CURRENT
5110	Check component B24/4 (right front body acceleration sensor).	CURRENT
5111	Check component B24/4 (right front body acceleration sensor).	CURRENT
5120	Check component B24/6 (right rear body acceleration sensor).	CURRENT
5121	Check component B24/6 (right rear body acceleration sensor).	CURRENT
5130	Check component B22/8 (Left front level sensor).	CURRENT

12/2016 (2016-10-06)\AddOns: ([6988] (7160) (7258) (6755) (6933) (7418) (7176) (6765) (7292) (6726) (6832) (7030) (6815) (6961) (6892) (6927) (6642) (6882) (6977) (6604) (7100) (7128) (6819) (7134) (7069) (6785) (7229) (6669) (6658) (7309) (7188) (6728) (6569) (6843) (6826) (6818) (6997) (6896) (7172) (7092) (6931) (7084) (6951) (6835) (6691) (7014) (6622) (6792) (6828) (6768) (6985) (6721) (6745) (7154) (6677) (7143) (6817) (6919) (6780) (6707) (6686) (6863) (7002) (6991) (6700) (6615) (6803) (6880) (6580) (6646) (6576) (6986) (6814) (6670) (7009) (7018) (6781) (6673) (6877) (6864) (6872) (7033) (7256) (7318) (6730) (7104) (6663) (7147) (6798) (6994) (6858) (6898) (6871) (7386) (6704) (7029) (6822) (6850) (6796) (7065) (6802) (6971) (6874) (7072) (7082) (6746) (7239) (6772) (6857) (6949) (7180) (6831) (7086) (6627) (6916) (7206) (6742) (7042) (6964) (6870) (7166) (7138) (7080) (7398) (6848) (6975) (7001) (6760) (6679) (6845) (6732) (6565) (6941) (6902) (6890) (6847) (6842) (6856) (7359) (6578) (7007) (7185) (7158) (7026) (6894) (6980) (6739) (7119) (6684) (6995) (6816) (6809) (6784) (6972) (6633) (6952) (6648) (6943) (6793) (6981) (7135) (7036) (6608) (6907) (7023) (6861) (7113) (7433) (7209) (7324) (6954) (7097) (6705) (6825) (6968) (6885) (6616) (6573) (6759) (6676) (6682) (6887) (6910) (7226) (6914) (6866) (7360) (6886) (7233) (7108) (6953) (5226) (7267) (7121) (7201) (7063) (6599) (7049) (7216) (6649) (7055) (6774) (6724) (7225) (6990) (6833) (6965) (6906) (6800) (7251) (6962) (6958) (7068) (7071) (6900) (7316) (7289) (6788) (6851) (6709) (6948) (6983) (6769) (6714) (7190) (6924) (6889) (6921) (6911) (7012) (7150) (5225) (7164) (7198) (6588) (6903) (6697) (6596) (6839) (7058) (6790) (7109) (6787) (7052) (6868) (7300) (6653) (7248) (6884) (7032) (6735) (7046) (6876) (6630) (6806) (6904) (6659) (7458) (6867) (7008) (6946) (7184) (6879) (6841) (6912) (6570) (7142) (7077) (6801) (6618) (6976) (73131))

5140	Check component B22/9 (Right front level sensor).	CURRENT
5150	Check component B22/7 (Left rear level sensor).	CURRENT
5160	Check component B22/10 (Right rear level sensor).	CURRENT
5170	Check component Y36b1 (AIRmatic pressure sensor).	CURRENT
5171	Check component Y36b1 (AIRmatic pressure sensor).	CURRENT
5190	Power supply Valves : Short circuit to positive	CURRENT
5191	Power supply Valves : Short circuit to ground	CURRENT
5192	Power supply Sensors : Short circuit to positive	CURRENT
5193	Power supply Sensors : Short circuit to ground	CURRENT
5194	Power supply Valves : Short circuit to ground	CURRENT
5200	Check component Y51y1 (Left front solenoid valve 1) in assembly Y51 (left front axle damping valve unit).	CURRENT
5203	Check component Y51y1 (Left front solenoid valve 1) in assembly Y51 (left front axle damping valve unit).	CURRENT
5204	Check component Y51y1 (Left front solenoid valve 1) in assembly Y51 (left front axle damping valve unit).	CURRENT
5205	Check component Y51y1 (Left front solenoid valve 1) in assembly Y51 (left front axle damping valve unit).	CURRENT
5206	Check component Y51y1 (Left front solenoid valve 1) in assembly Y51 (left front axle damping valve unit).	CURRENT
5207	Check component Y51y1 (Left front solenoid valve 1) in assembly Y51 (left front axle damping valve unit).	CURRENT
5208	Check component Y51y1 (Left front solenoid valve 1) in assembly Y51 (left front axle damping valve unit).	CURRENT
5210	Check component Y51y2 (Left front solenoid valve 2) in assembly Y51 (left front axle damping valve unit).	CURRENT
5213	Check component Y51y2 (Left front solenoid valve 2) in assembly Y51 (left front axle damping valve unit).	CURRENT
5214	Check component Y51y2 (Left front solenoid valve 2) in assembly Y51 (left front axle damping valve unit).	CURRENT
5215	Check component Y51y2 (Left front solenoid valve 2) in assembly Y51 (left front axle damping valve unit).	CURRENT
5217	Check component Y51y2 (Left front solenoid valve 2) in assembly Y51 (left front axle damping valve unit).	CURRENT
5218	Check component Y51y2 (Left front solenoid valve 2) in assembly Y51 (left front axle damping valve unit).	CURRENT
5220	Check component Y52y1 (Right front solenoid valve 1) in assembly Y52 (right front axle damping valve unit).	CURRENT
5223	Check component Y52y1 (Right front solenoid valve 1) in assembly Y52 (right front axle damping valve unit).	CURRENT
5224	Check component Y52y1 (Right front solenoid valve 1) in assembly Y52 (right front axle damping valve unit).	CURRENT
5225	Check component Y52y1 (Right front solenoid valve 1) in assembly Y52 (right front axle damping valve unit).	CURRENT
5226	Check component Y52y1 (Right front solenoid valve 1) in assembly Y52 (right front axle damping valve unit).	CURRENT
5227	Check component Y52y1 (Right front solenoid valve 1) in assembly Y52 (right front axle damping valve unit).	CURRENT
5228	Check component Y52y1 (Right front solenoid valve 1) in assembly Y52 (right front axle damping valve unit).	CURRENT
5230	Check component Y52y2 (Right front solenoid valve 2) in assembly Y52 (right front axle damping valve unit).	CURRENT
5233	Check component Y52y2 (Right front solenoid valve 2) in assembly Y52 (right front axle damping valve unit).	CURRENT

5234	Check component Y52y2 (Right front solenoid valve 2) in assembly Y52 (right front axle damping valve unit).	CURRENT
5235	Check component Y52y2 (Right front solenoid valve 2) in assembly Y52 (right front axle damping valve unit).	CURRENT
5237	Check component Y52y2 (Right front solenoid valve 2) in assembly Y52 (right front axle damping valve unit).	CURRENT
5238	Check component Y52y2 (Right front solenoid valve 2) in assembly Y52 (right front axle damping valve unit).	CURRENT
5240	Check component Y53y1 (Left rear solenoid valve 1) in assembly Y53 (left rear axle damping valve unit).	CURRENT
5243	Check component Y53y1 (Left rear solenoid valve 1) in assembly Y53 (left rear axle damping valve unit).	CURRENT
5244	Check component Y53y1 (Left rear solenoid valve 1) in assembly Y53 (left rear axle damping valve unit).	CURRENT
5245	Check component Y53y1 (Left rear solenoid valve 1) in assembly Y53 (left rear axle damping valve unit).	CURRENT
5246	Check component Y53y1 (Left rear solenoid valve 1) in assembly Y53 (left rear axle damping valve unit).	CURRENT
5247	Check component Y53y1 (Left rear solenoid valve 1) in assembly Y53 (left rear axle damping valve unit).	CURRENT
5248	Check component Y53y1 (Left rear solenoid valve 1) in assembly Y53 (left rear axle damping valve unit).	CURRENT
5250	Check component Y53y2 (Left rear solenoid valve 2) in assembly Y53 (left rear axle damping valve unit).	CURRENT
5253	Check component Y53y2 (Left rear solenoid valve 2) in assembly Y53 (left rear axle damping valve unit).	CURRENT
5254	Check component Y53y2 (Left rear solenoid valve 2) in assembly Y53 (left rear axle damping valve unit).	CURRENT
5255	Check component Y53y2 (Left rear solenoid valve 2) in assembly Y53 (left rear axle damping valve unit).	CURRENT
5257	Check component Y53y2 (Left rear solenoid valve 2) in assembly Y53 (left rear axle damping valve unit).	CURRENT
5258	Check component Y53y2 (Left rear solenoid valve 2) in assembly Y53 (left rear axle damping valve unit).	CURRENT
5260	Check component Y54y1 (Right rear solenoid valve 1) in assembly Y54 (Right rear axle damper valve unit).	CURRENT
5263	Check component Y54y1 (Right rear solenoid valve 1) in assembly Y54 (Right rear axle damper valve unit).	CURRENT
5264	Check component Y54y1 (Right rear solenoid valve 1) in assembly Y54 (Right rear axle damper valve unit).	CURRENT
5265	Check component Y54y1 (Right rear solenoid valve 1) in assembly Y54 (Right rear axle damper valve unit).	CURRENT
5266	Check component Y54y1 (Right rear solenoid valve 1) in assembly Y54 (Right rear axle damper valve unit).	CURRENT
5267	Check component Y54y1 (Right rear solenoid valve 1) in assembly Y54 (Right rear axle damper valve unit).	CURRENT
5268	Check component Y54y1 (Right rear solenoid valve 1) in assembly Y54 (Right rear axle damper valve unit).	CURRENT
5270	Check component Y54y2 (Right rear solenoid valve 2) in assembly Y54 (Right rear axle damper valve unit).	CURRENT
5273	Check component Y54y2 (Right rear solenoid valve 2) in assembly Y54 (Right rear axle damper valve unit).	CURRENT
5274	Check component Y54y2 (Right rear solenoid valve 2) in assembly Y54 (Right rear axle damper valve unit).	CURRENT

5275	Check component Y54y2 (Right rear solenoid valve 2) in assembly Y54 (Right rear axle damper valve unit).		CURRENT
5277	Check component Y54y2 (Right rear solenoid valve 2) in assembly Y54 (Right rear axle damper valve unit).		CURRENT
5278	Check component Y54y2 (Right rear solenoid valve 2) in assembly Y54 (Right rear axle damper valve unit).		CURRENT
5300	Check component Y36y5 (AIRmatic central reservoir charge valve).		CURRENT
5303	Check component Y36y5 (AIRmatic central reservoir charge valve).		CURRENT
5304	Check component Y36y5 (AIRmatic central reservoir charge valve).		CURRENT
5305	Check component Y36y5 (AIRmatic central reservoir charge valve).		CURRENT
5306	Check component Y36y5 (AIRmatic central reservoir charge valve).		CURRENT
5307	Check component Y36y5 (AIRmatic central reservoir charge valve).		CURRENT
5308	Check component Y36y5 (AIRmatic central reservoir charge valve).		CURRENT
5310	Check component Y36y1 (Left front level control valve).		CURRENT
5313	Check component Y36y1 (Left front level control valve).		CURRENT
5314	Check component Y36y1 (Left front level control valve).		CURRENT
5315	Check component Y36y1 (Left front level control valve).		CURRENT
5316	Check component Y36y1 (Left front level control valve).		CURRENT
5317	Check component Y36y1 (Left front level control valve).		CURRENT
5318	Check component Y36y1 (Left front level control valve).		CURRENT
5320	Check component Y36y2 (Right front level control valve).		CURRENT
5323	Check component Y36y2 (Right front level control valve).		CURRENT
5324	Check component Y36y2 (Right front level control valve).		CURRENT
5325	Check component Y36y2 (Right front level control valve).		CURRENT
5326	Check component Y36y2 (Right front level control valve).		CURRENT
5327	Check component Y36y2 (Right front level control valve).		CURRENT
5328	Check component Y36y2 (Right front level control valve).		CURRENT
5330	Check component Y36y3 (Left rear level control valve).		CURRENT
5333	Check component Y36y3 (Left rear level control valve).		CURRENT
5334	Check component Y36y3 (Left rear level control valve).		CURRENT
5335	Check component Y36y3 (Left rear level control valve).		CURRENT
5336	Check component Y36y3 (Left rear level control valve).		CURRENT
5337	Check component Y36y3 (Left rear level control valve).		CURRENT
5338	Check component Y36y3 (Left rear level control valve).		CURRENT
5340	Check component Y36y4 (Right rear level valve).		CURRENT
5343	Check component Y36y4 (Right rear level valve).		CURRENT
5344	Check component Y36y4 (Right rear level valve).		CURRENT
5345	Check component Y36y4 (Right rear level valve).		CURRENT
5346	Check component Y36y4 (Right rear level valve).		CURRENT
5347	Check component Y36y4 (Right rear level valve).		CURRENT
5348	Check component Y36y4 (Right rear level valve).		CURRENT
5350	Check component A9/1y1 (AIRmatic pressure release valve).		CURRENT
5353	Check component A9/1y1 (AIRmatic pressure release valve).		CURRENT
5354	Check component A9/1y1 (AIRmatic pressure release valve).		CURRENT

5355	Check component A9/1y1 (AIRmatic pressure release valve).		CURRENT
5356	Check component A9/1y1 (AIRmatic pressure release valve).		CURRENT
5357	Check component A9/1y1 (AIRmatic pressure release valve).		CURRENT
5400	Check component F58kG (Air suspension compressor).		CURRENT
5500	Critical vehicle level at front axle		CURRENT
5501	Critical vehicle level at rear axle		CURRENT
5502	Level calibration was not successfully carried out.		CURRENT
5503	Recovery time during filling of central reservoir is too long.		CURRENT
5504	Fault in component Y36y5 (AIRmatic central reservoir charge valve) or pinched pneumatic line between the compressor and the central reservoir		CURRENT
5505	Recovery times during filling of air suspension strut is too long.		CURRENT
5506	Recovery times during bleeding of air suspension strut is too long.		CURRENT
5507	Suspension strut is implausible.		CURRENT
5508	The pressure line system leaks.		CURRENT
5509	The central reservoir for AIRMATIC leaks.		CURRENT
550C	System error (twist)		CURRENT

**Filename:** C:\Program  
Files\Mercedes-Benz\DAS\bin\..\trees\PKW\Federung\lf2\menues\mnlf2001.s

**Cell co-ordinate:** 19 , 18