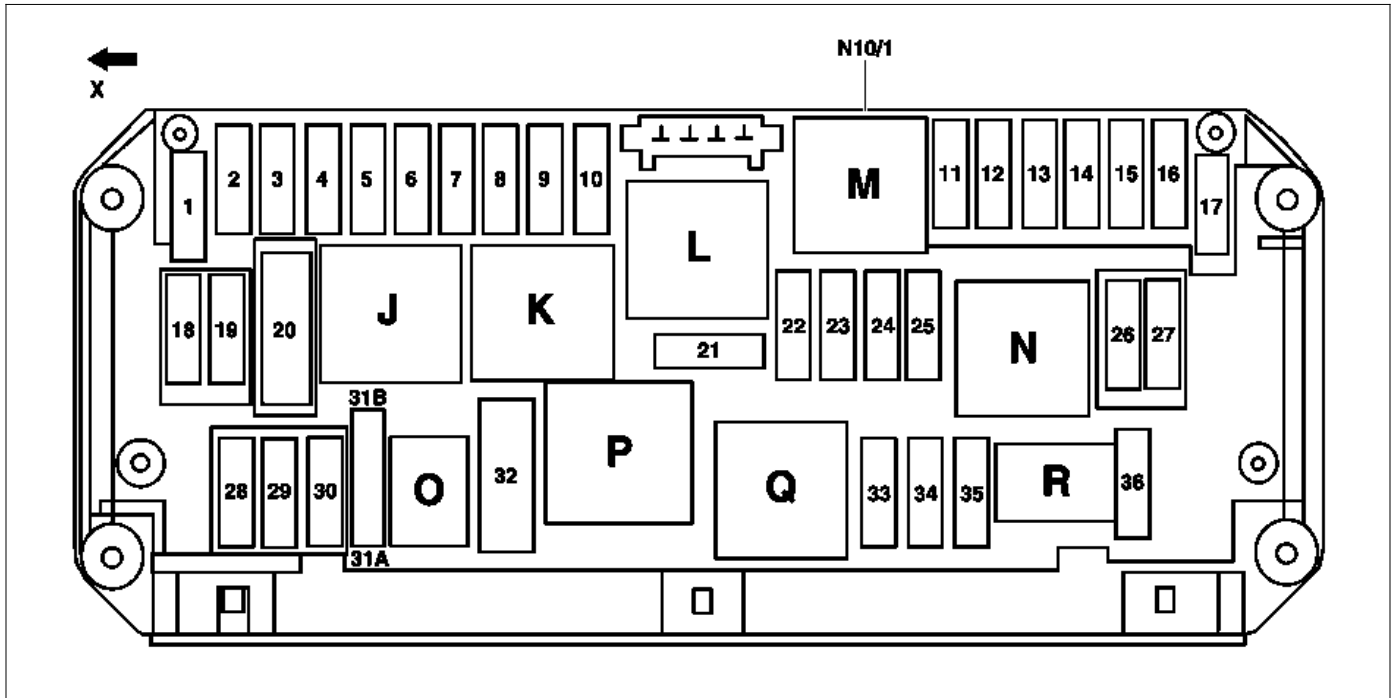


MODEL 212



P54.15-3021-09

N10/1 Front SAM control unit with fuse and relay module X Direction of travel

Fuse	Circuit	Line ID (line fused)	Fused function	Rating in amperes (A)
f1	30	2.5 RDYE	Valid for left-hand drive vehicles without code (233) DISTRONIC PLUS, except model 212.074/077/092/095/098/274/277/292/298: ● Electronic Stability Program control unit (N30/4)	25
		2.5 RDBU	Valid for model 212.095/098/298: ● Regenerative braking system control unit (N30/6)	
		4.0 RDYE	Valid for left-hand drive vehicles with code (233) DISTRONIC PLUS except model 212.095/098/298, model 212.074/077/092/274/277/292: ● Premium Electronic Stability Program control unit (N30/7)	
		4.0 RD	Valid for right-hand drive vehicles: ● Blower regulator (A32n1)	
f2	30	2.5 RDBK	Valid for left-hand drive vehicles or right-hand drive vehicles up to 31.5.10: ● Left front door control unit (N69/1)	30
		2.5 RDBU	Valid for right-hand drive vehicles as of 1.6.10: ● Left rear door control unit (N69/3)	
f3	30	2.5 RDBU	Valid for right-hand drive vehicles or left-hand drive vehicles up to 31.5.10: ● Right front door control unit (N69/2)	30
		2.5 RDBU	Valid for left-hand drive vehicles as of 1.6.10: ● Right rear door control unit (N69/4)	
f4	15	0.5 BK	Valid with engine 157:	20

		1.5 BKVT	Valid for engine 651 with code (71o) Retrofitted heated fuel filter up to 31.5.10: ● Control unit for fuel filter condensation sensor with heating element (N33/7)	7.5
		1.5 BKVT	Valid for engine 642 up to 31.5.10 and for engine 651 without code (71o) Retrofitted heated fuel filter up to 31.5.10: ● Fuel filter condensation sensor with heating element (B76/1)	20
f5	15	0.75 RDPK	● Instrument cluster (A1)	7.5
		0.75 RD	● Exterior lights switch (S1)	
		0.75 BKBU	● Rear SAM control unit with fuse and relay module (N10/2)	
		0.5 BKBU	Valid as of 1.3.13 for model 212 (except 212.074/077/092/095/098/274/277/292/298) without code (233) DISTRONIC PLUS: ● Electronic Stability Program control unit (N30/4)	
		0.5 BKBU	Valid as of 1.3.13 for model 212 (except 212.095/098/298) with code (233) DISTRONIC PLUS, model 212.074/077/092/274/277/292: ● Premium Electronic Stability Program control unit (N30/7)	
f6	15	0.75 PKRD	Valid for diesel engine: ● CDI control unit (N3/9)	10
		0.75 PKRD	Valid for gasoline engine: ● ME-SFI [ME] control unit (N3/10)	
		0.75 PKRD	Valid for model 212.041 with engine 271.958 (with code (924) Bivalent natural gas drive) or model 212.035 with engine 274.920 (with code (924) Bivalent natural gas drive): ● CNG control unit (N118/2)	
f7	15	–	● Starter circuit 50 relay (N10/1kM)	20
f8	15R	0.75 RDYE	● Supplemental Restraint System control unit (N2/10)	7.5
f9	15R	1.5 PKBU	● Glove compartment socket (X58/31)	15
f10	15R	2.5 RDGN	● Wiper motor (M6/1)	30
	87	2.5 RD	Switched via wiper park position heater relay (N10/1kL): ● Wiper park position heater (R2/10)	
f11	30g	0.5 RDWH	● Audio/COMAND display (A40/8)	7.5
		0.75 RDWH	● Audio/COMAND control panel (A40/9)	
f12	30g	1.0 RDGY	● AAC control and operating unit (N22/7)	7.5
		0.75 RDYE	● Upper control panel control unit (N72/1)	
		0.75 RDGN	Valid without code (489) AIRMATIC (air suspension with continuously adjustable damping): ● Automatic transmission transmission mode button (S16/12)	
		0.75 RDGN	Valid for code (489) AIRMATIC (air suspension with continuously adjustable damping): ● Automatic transmission transmission mode button (S16/12) ● Suspension button group (S77)	
f13	30g	0.75 RD	● Steering column tube module control unit (N80)	7.5
		0.75 RDWH	Valid up to 28.2.13 with code (238) Active Lane Keeping Assist or code (476) Lane Keeping Assist and code (513) Speed Limit Assist and code (608) Adaptive Highbeam Assist: ● Multifunction camera (A40/11) Valid as of 1.3.13 with code (476) Lane Keeping Assist and code (513) Speed Limit Assist or code (608) Adaptive Highbeam Assist or code (628) AUTOMATIC HIGH BEAM CONTROL PLUS (IHC+) and without code (23P) Driving assistance package: ● Multifunction camera (A40/11) Valid as of 1.3.13 with code (608) Adaptive Highbeam Assist or code (628) AUTOMATIC HIGH BEAM CONTROL PLUS (IHC+) and code (513) Speed Limit Assist and code (23P) Driving assistance package: ● Stereo multifunction camera (A40/13)	
f14	30g	0.75 RDGY	Valid for model 212 (except 212.074/077/092/095/098/274/277/292/298) without code (233) DISTRONIC PLUS: ● Electronic Stability Program control unit (N30/4)	7.5
		0.75 RDGY	Valid for model 212 (except 212.095/098/298) with code (233) DISTRONIC PLUS, model 212.074/077/092/274/277/292: ● Premium Electronic Stability Program control unit (N30/7)	
f15	30g	0.75 RDBU	● Supplemental Restraint System control unit (N2/10)	7.5
f16	30g	0.5 RDGY	Valid for model 212.095/098/298: ● Electric refrigerant compressor (A9/5)	5
		0.5 RD	Valid for transmission 722.930/931: ● DIRECT SELECT INTERFACE (N150)	
		0.75 RDBU	Valid for transmission 722 except 722.930/931: ● Electronic selector lever module control unit (N15/5)	
f17	30g	2.5 RDBK	Valid for code (414) Electrical glass tilting/sliding roof: ● Overhead control panel control unit (N70)	30
		2.5 RDBK	Valid with code (413) Panoramic glass sunroof with top sliding sunroof: ● Panoramic sliding sunroof control module (A98)	
f18	30	0.75 RD	● Exterior lights switch (S1) ● Instrument panel switch group (S6/1)	7.5

		0.75 RDBU	Valid for transmission 722 and code (B03) ECO start/stop function: ● Transmission oil auxiliary pump relay (N10/1kQ)	
		0.75 RDBU	Valid for model 212.095/098/298: ● Power electronics control unit (N129/1)	
f19	30	1.5 RDBU	● Electric steering lock control unit (N26/5) ● Electronic ignition lock control unit (N73)	20
f20	30	4.0 RDGN	Valid for left-hand drive vehicles without code (233) DISTRONIC PLUS, except model 212.074/077/092/095/098/274/277/292/298: ● Electronic Stability Program control unit (N30/4)	40
		4.0 RDGN	Valid for model 212.095/098/298: ● Regenerative braking system control unit (N30/6)	
		4.0 RDGN	Valid for left-hand drive vehicles with code (233) DISTRONIC PLUS except model 212.095/098/298, model 212.074/077/092/274/277/292: ● Premium Electronic Stability Program control unit (N30/7)	
f21	15R	0.5 BK	● Brake lights switch (S9/1)	7.5
		0.5 YEBK	● Glove compartment lamp (E13/1) ● Glove compartment lamp switch (S17/9)	
		0.5 RDBU	Valid for code (U18) Automatic child seat recognition (ACSR): ● Front passenger seat occupied recognition and ACSR [AKSE] (B48)	
f22	87M	0.75 BKRD	Valid for fan motor with 650 W: ● Internal combustion engine and air conditioning fan motor with integrated control (M4/7)	15
		1.0 RDGN	Valid for fan motor with 800 W: ● Internal combustion engine and air conditioning fan motor with integrated control (M4/7)	
		2.5 RDGN	Valid with engine 156: ● Interior and engine wiring harness electrical connector (X26) ● Connector sleeve, circuit 87 M2e (Z7/36)	
		1.5 RDGN	Valid with engine 271: ● Interior and engine wiring harness electrical connector (X26)	
		1.0 RDGN	Valid for engine 271, 272.98, 274.9, 276 and engine 651 (except with 4MATIC): ● Radiator shutters actuator (Y84)	
		2.5 RDGN	Valid for engine 272, 273: ● Interior and engine wiring harness electrical connector (X26)	
		1.5 RDGN	Valid for engine 157, 274, 276, 278: ● Interior and engine wiring harness electrical connector (X26)	
		1.5 BKRD	Valid with engine 642: ● CDI control unit (N3/9)	
		1.5 RDGN	● Interior and engine wiring harness electrical connector (X26)	
		1.5 RDGN	Valid with engine 651: ● CDI control unit (N3/9)	
		1.5 RDGN	● Interior and engine wiring harness electrical connector (X26)	
		0.75 RDGN	Valid for engine 271, 272.98, 274.9, 276 and engine 651 (except with 4MATIC): ● Radiator shutters actuator (Y84)	
f23	87M	0.75 RDBU	Valid for diesel engine: ● Rear SAM control unit with fuse and relay module (N10/2)	20
		2.5 RDBU	● Interior and engine wiring harness electrical connector (X26) ● Circuit 87 M1e connector sleeve (Z7/35)	
		2.5 RDBU	Valid with engine 156: ● Interior and engine wiring harness electrical connector (X26)	
		2.5 RDBU	Valid for engine 157, 274, 276, 278: ● Interior and engine wiring harness electrical connector (X26)	
		1.5 RDBU	Valid with engine 271: ● ME-SFI [ME] control unit (N3/10)	
		2.5 RDBU	● Interior and engine wiring harness electrical connector (X26)	
		1.5 RDBU	Valid for engine 272, 273: ● Interior and engine wiring harness electrical connector (X26)	
f24	87M	2.5 RDBK	Valid for engine 156, 157, 276, 278, 642: ● Interior and engine wiring harness electrical connector (X26)	15
		1.5 RDBK	Valid for engine 271, 272, 273, 274, 651: ● Interior and engine wiring harness electrical connector (X26)	
		2.5 RDGY	Valid with engine 651: ● CDI control unit (N3/9)	
f25	87M	0.75 RDYE	Valid for diesel engine: ● Oxygen sensor upstream of catalytic converter (G3/2)	15
		0.75 RDYE	Valid with engine 642.8 with code (U42) BlueTEC diesel exhaust treatment (SCR): ● Nitrogen oxide control unit downstream of diesel particulate filter (N37/7) ● Nitrogen oxide control unit downstream of SCR catalytic converter (N37/8)	
		2.5 RDYE	Valid for gasoline engine: ● ME-SFI [ME] control unit (N3/10)	
		1.5 RDBK	Valid for model 212.095/098/298: ● Transmission cooling coolant circulation pump relay (K40/10kS)	

f26	30g	2.5 RDBU	Valid for code (510) Audio 20 incl. CD changer or code (523) MB Audio 20 radio: ● Radio (A2)	20
		2.5 RDBU	Valid with code (511) Audio 50 APS incl. DVD changer or code (525) MB Audio 50 APS radio: ● Radio with auto pilot system (A2/56)	
		2.5 RDBU	Valid with code (512) COMAND APS incl. DVD changer or code (526) COMAND with single DVD drive (without navigation) or code (527) COMAND APS (with navigation) or code (528) COMAND incl. DVD changer: ● COMAND controller unit (A40/3)	
f27	30z	0.75 RD	Valid for gasoline engine: ● ME-SFI [ME] control unit (N3/10)	7.5
		0.75 RD	Valid for diesel engine: ● CDI control unit (N3/9)	
		0.5 RDVT	● Electronic ignition lock control unit (N73)	
		1.0 RD	Valid for model 212.041 with engine 271.958 (with code (924) Bivalent natural gas drive) or model 212.035 with engine 274.920 (with code (924) Bivalent natural gas drive): ● CNG control unit (N118/2)	
f28	30	0.75 RDWH	● Instrument cluster (A1)	7.5
f29	15	1.0 BKRD	● Right front lamp unit (E2)	10
f30	15	1.0 BKRD	● Left front lamp unit (E1)	10
f31A	15R	1.5 BKWH	Switched via horn relay (N10/1kO): ● Left horn (H2) ● Right horn (H2/1)	15
f31B	30	1.5 BKWH	Switched via horn relay (N10/1kO): ● Left horn (H2) ● Right horn (H2/1)	15
f32	30	–	Valid for engine 272: ● Secondary air injection relay (N10/1kP)	40
f33	87F	0.75 RDWH	Valid for transmission 722.6: ● Electronic transmission control control unit (N15/3)	10
		1.0 RDWH	Valid for transmission 722.9: ● Fully integrated transmission control controller unit (Y3/8)	
f34	87F	0.5 BK	Valid with engine 156: ● Fuel system control unit (N118)	7.5
		0.75 BKVT	Valid for engine 271, 272, 273, 642 and 651: ● Fuel system control unit (N118)	
f35	87F	0.5 BU	Valid for model 212.095/098/298: ● HYBRID control unit power supply relay (K40/10kT)	7.5
f36	87F	0.75 RDBK	Valid with code (610) Night view assist: ● Night View Assist control unit (N101)	7.5
		0.75 RDBN	Valid up to 28.2.13 with code (233) DISTRONIC PLUS: ● DISTRONIC electric controller unit (A89) Valid as of 1.3.13 with code (233) DISTRONIC PLUS: ● Front long-range radar sensor (B29)	
		0.75 RDBN	Valid as of 1.3.13 with code (258) Collision Prevention Assist: ● COLLISION PREVENTION ASSIST controller unit (A90)	