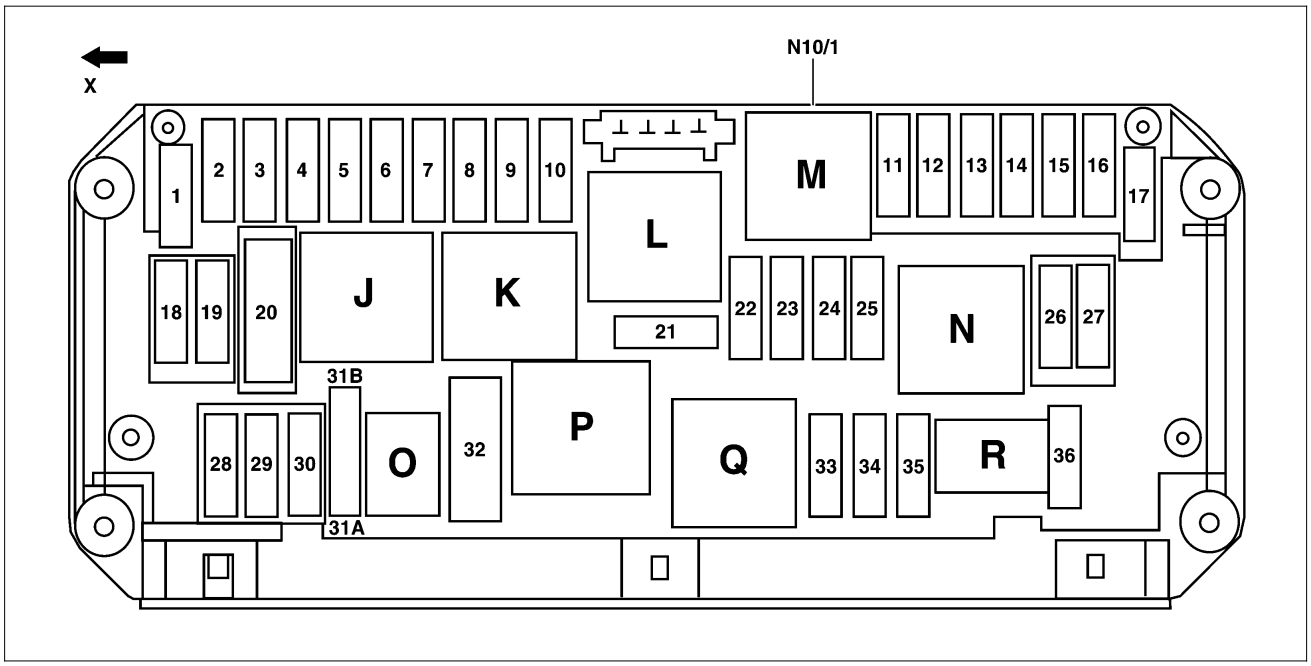
GF54.15-P-1256-03FL	Fuse assignment of fuse and relay box in left engine compartment		

Model 212



P54.15-3021-09

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

Slot	Fuse	Clamping device	Line ID (line fused)	Fused component	Rating in amperes (A)
1	Electrical fuse 1 (N10/1f1)	30	2.5 RDYE	**Valid for left-hand drive vehicle model 212 (except 212.074/075/076/077/092/095/098/274/275/276/277/292/298) except CODE 233 (DISTRONIC PLUS):** Electronic Stability Program control unit (N30/4)	25
			4.0 RDYE	**Valid for left-hand drive vehicle model 212 (except 212.095/098/298) with CODE 233 (DISTRONIC PLUS), model 212.074/075/076/077/092/274/275/276/277/292:** Premium Electronic Stability Program control unit (N30/7)	
			2.5 RDBU	**Valid for left-hand drive vehicle, model 212.095/098/298:** Regenerative braking system control unit (N30/6)	
			4.0 RD	**Valid for right-hand drive vehicles:** Blower regulator (A32n1)	
2	Electrical fuse 2 (N10/1f2)	30	2.5 RDBK	**Valid for left-hand drive vehicles or right-hand drive vehicles up to 31.05.2010:** Left front door control unit (N69/1)	30
			2.5 RDBU	**Valid for right-hand drive vehicles as of 01.06.2010:** Left rear door control unit (N69/3)	
3	Electrical fuse 3 (N10/1f3)	30	2.5 RDBU	**Valid for right-hand drive vehicles or left-hand drive vehicles up to 31.05.2010:** Right front door control unit (N69/2)	30
			2.5 RDWH	**Valid for left-hand drive vehicles as of 01.06.2010:** Right rear door control unit (N69/4)	
4	Electrical fuse 4 (N10/1f4)	15	0.5 BK	**Valid with engine 157:** Fuel system control unit (N118)	20
			1.5 BKVT	**Valid for engine 651 with CODE 71o (Retrofitted heated fuel filter) up to 31.05.2010:** Control unit for fuel filter condensation sensor with heating element (N33/7)	7.5

			1.5 BKVT	**Valid for engine 642 up to 31.05.2010 and engine 651 without CODE 71o (Retrofitted heated fuel filter) up to 31.05.2010:** Fuel filter condensation sensor with heating element (B76/1)	20
5	Electrical fuse 5 (N10/1f5)	15	0.75 RDPK	**Valid for networked exterior lights switch (S1):** Instrument cluster (A1)	7.5
			0.75 RD	**Valid for non-networked exterior lights switch (S1):** Exterior lights switch (S1)	
			0.75 BKBU	Rear SAM control unit with fuse and relay module (N10/2)	
			0.5 BKBU	**Valid as of 01.03.2013 on model 212 (except 212.074/075/076/077/092/095/098/274/275/276/277/292/298) except CODE 233 (DISTRONIC PLUS):** Electronic Stability Program control unit (N30/4)	
			0.5 BKBU	**Valid as of 01.03.2013 on model 212 (except 212.095/098/298) with CODE 233 (DISTRONIC PLUS), model 212.074/075/076/077/092/274/275/276/277/292:** Premium Electronic Stability Program control unit (N30/7)	
6	Electrical fuse 6 (N10/1f6)	15	0.75 PKRD	**Valid for diesel engine:** CDI control unit (N3/9)	10
				Valid for gasoline engine: ME-SFI control unit (N3/10)	
				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)	
7	Electrical fuse 7 (N10/1f7)	15	-	Starter connected through circuit 50 relay (N10/1kM): Starter (M1)	20
8	Electrical fuse 8 (N10/1f8)	15R	0.75 RDYE	Supplemental restraint system control unit (N2/10)	7.5
9	Electrical fuse 9 (N10/1f9)	15R	1.5 PKBU	Glove compartment socket (X58/31)	15
10	Electrical fuse 10 (N10/1f10)	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)	
11	Electrical fuse 11 (N10/1f11)	30g	0.5 RDWH	**Valid up to 28.02.2015:** Audio/COMAND display (A40/8)	7.5
			0.35 RDWH	**Valid as of 01.03.2015:** Audio/COMAND display (A40/8)	
			0.75 RDWH	**Valid except transmission 722.9:** Audio/COMAND control panel (A40/9)	
			0.5 RDWH	**Valid with transmission 722.9:** Audio/COMAND control panel (A40/9)	
			0.75 RDGN	**Valid with CODE 508 (Navigation box preinstallation) or CODE 509 (Navigation box):** Navigation module (A2/30) Cradle for navigation module (A2/30-1)	
			0.75 RDGN	**Valid with code 505 (Radio 20 NTG5 not navigation capable) or code 522 (Audio 20 radio) or code 531 (COMAND APS):** COMAND fan motor (M4/13)	
12	Electrical fuse 12 (N10/1f12)	30g	1.0 RDGY	ACC control and operating unit (N22/7)	7.5
			0.75 RDYE	Upper control panel control unit (N72/1)	
			0.75 RDGN	**Valid for transmission 722, 724, 725:** Automatic transmission transmission mode button (S16/12)	
			0.75 RDGN	**Valid with code 489 (AIRMATIC):** Suspension button group (S77)	
13	Electrical fuse 13 (N10/1f13)	30g	0.75 RD	Steering column tube module control unit (N80)	7.5
			0.75 RDWH	**Valid up to 28.02.2013 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 01.03.2013 with code 476 (Lane Keeping Assist) and code 513 (Traffic sign recognition) or code 628 (Adaptive Highbeam Assist Plus), except code 23P (Driving assistance package):** Multifunction camera (A40/11) **Valid as of 01.03.2013 with code 628 (Adaptive Highbeam Assist Plus) or code 513 (Traffic sign recognition), with code 23P (Driving assistance package Plus):** Stereo multifunction camera (A40/13)	
14	Electrical fuse 14 (N10/1f14)	30g	0.75 RDGY	**Valid for model 212 (except 212.074/075/076/077/092/095/098/274/275/276/277/292/298) except CODE 233 (DISTRONIC PLUS):** Electronic Stability Program control unit (N30/4)	7.5
				Valid for model 212 (except 212.095/098/298) with CODE 233 (DISTRONIC PLUS), model 212.074/075/076/077/092/274/275/276/277/292: Premium Electronic Stability Program control unit (N30/7)	

15	Electrical fuse 15 (N10/1f15)	30g	0.75 RDBU	Supplemental restraint system control unit (N2/10)	7.5
16	Electrical fuse 16 (N10/1f16)	30g	0.5 RDGY	**Valid for model 212.095/098/298:** Electrical refrigerant compressor (A9/5)	5
			0.5 RD	**Valid with 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)	
17	Electrical fuse 17 (N10/1f17)	30g	2.5 RDBK	**Valid with code 414 (Sliding roof):** Overhead control panel control unit (N70)	30
				Valid with CODE 413 (Panoramic sliding sunroof): Panoramic sliding roof control module (A98)	
18	Electrical fuse 18 (N10/1f18)	30	0.75 RD	**Valid for networked exterior lights switch (S1):** Exterior lights switch (S1)	7.5
			0.75 RD	**Valid up to 28.02.2013:** Instrument panel switch group (S6/1)	
			0.75 RDYE	Upper control panel control unit (N72/1)	
			0.75 RDBU	**Valid for transmission 722 with 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)	
19	Electrical fuse 19 (N10/1f19)	30	1.5 RDBU	**Valid except transmission 722.9:** Electronic ignition lock control unit (N73)	20
				Electric steering lock control unit (N26/5)	
20	Electrical fuse 20 (N10/1f20)	30	4.0 RDGN	**Valid for left-hand drive vehicle model 212 (except 212.074/075/076/077/092/095/098/274/275/276/277/292/298) except CODE 233 (DISTRONIC PLUS):** Electronic Stability Program control unit (N30/4)	40
				Valid for left-hand drive vehicle model 212 (except 212.095/098/298) with CODE 233 (DISTRONIC PLUS), model 212.074/075/076/077/092/274/275/276/277/292: Premium Electronic Stability Program control unit (N30/7)	
				Valid for left-hand drive vehicle, model 212.095/098/298: Regenerative braking system control unit (N30/6)	
21	Electrical fuse 21 (N10/1f21)	15R	0.5 BK	**Valid for model 212 (except 212.095/098/298) up to 28.02.2013:** Brake lights switch (S9/1)	7.5
			0.5 BK	**Valid for model 212.095/098/298 up to 28.02.2013:** Hybrid brake light switch (S9/3)	
			0.5 YEBK	Switched through glove compartment lamp switch (S17/9): Glove compartment lamp (E13/1)	
			0.5 RDBU	**Valid with CODE U18 (Automatic child seat recognition (ACSR)):** Front passenger seat occupied recognition and ACSR (B48)	
			0.5 RDBU	**Valid with CODE U10 (Automatic front passenger airbag shutoff):** Weight sensing system (WSS) control unit (N110)	
22	Electrical fuse 22 (N10/1f22)	87M	0.75 BKRD	**Valid for fan motor with 650 W:** Fan motor for internal combustion engine and air conditioning with integrated control (M4/7)	15
			1.0 RDGN	**Valid for fan motor with 800 W:** Fan motor for internal combustion engine and air conditioning with integrated control (M4/7)	
			2.5 RDGN	**Valid for engine 156:** Electrical connector for interior harness and engine wiring harness (X26) Circuit 87 M2e connector sleeve (Z7/36)	
			1.5 RDGN	**Valid for engine 271:** Electrical connector for interior harness and engine wiring harness (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:** Electrical connector for interior harness and engine wiring harness (X26)	
			1.5 RDGN	**Valid for engine 157, 274, 276, 278:** Electrical connector for interior harness and engine wiring harness (X26)	
			1.5 BKRD	**Valid for engine 642:** CDI control unit (N3/9)	
			1.5 RDGN	Electrical connector for interior harness and engine wiring harness (X26)	
			1.5 RDGN	**Valid for engine 651:** CDI control unit (N3/9)	
			1.5 RDGN	Electrical connector for interior harness and engine wiring harness (X26)	

			0.75 RDGN	**Valid for engine 271, 272.98, 274.9, 276 and engine 651 (except with 4MATIC):** Radiator shutters actuator (Y84)	
23	Electrical fuse 23 (N10/1f23)	87M	0.75 RDBU	**Valid for diesel engine:** Rear SAM control unit with fuse and relay module (N10/2)	20
			2.5 RDBU	**Valid for engine 271, 642, 651:** Circuit 87 M1e connector sleeve (Z7/35)	
			2.5 RDBU	**Valid for engine 156, 157, 271, 274, 276, 278, 642, 651:** Electrical connector for interior harness and engine wiring harness (X26)	
			1.5 RDBU	**Valid for engine 272, 273:** Electrical connector for interior harness and engine wiring harness (X26)	
			1.5 RDBU	**Valid for engine 271:** ME-SFI control unit (N3/10)	
24	Electrical fuse 24 (N10/1f24)	87M	2.5 RDBK	**Valid for engine 156, 157, 276, 278, 642:** Electrical connector for interior harness and engine wiring harness (X26)	15
			1.5 RDBK	**Valid for engine 271, 272, 273, 274, 651:** Electrical connector for interior harness and engine wiring harness (X26)	
			2.5 RDGY	**Valid for diesel engine:** CDI control unit (N3/9)	
			2.5 RDGN	**Valid for gasoline engine:** ME-SFI control unit (N3/10)	
			4.0 RDBK	**Valid for model 212.041 with engine 271.958 and code 924 (Bivalent natural gas drive) or model 212.035 with engine 274.920 and code 924 (Bivalent natural gas drive):** CNG control unit (N118/2)	
25	Electrical fuse 25 (N10/1f25)	87M	0.75 RDYE	**Valid for engine 642, 651 with code U42 (BlueTEC (SCR) diesel exhaust treatment):** Nitrogen oxides control unit downstream of diesel particulate filter (N37/7) Nitrogen oxides control unit downstream of the SCR catalytic converter (N37/8)	15
			2.5 RDYE	**Valid for engine 642, 651 with code U77 (BlueTEC (SCR) diesel exhaust treatment):** Soot particulate sensor control unit (N74)	
			2.5 RDYE	**Valid for gasoline engine:** ME-SFI control unit (N3/10)	
			1.5 RDBK	**Valid for model 212.095/098/298:** Transmission cooling coolant circulation pump relay (K40/10kS) HYBRID power electronics coolant circulation pump relay (K40/10kU)	
			1.5 RDBK	**Valid for engine 156:** Connector sleeve, circuit 87 M3e (Z7/98z3)	
26	Electrical fuse 26 (N10/1f26)	30g	2.5 RDBU	**Valid with code 523 (Audio 20 CD) or code 510 (Audio 20 CD with 6-disk CD changer) or code 505 (Radio 20 NTG5 without navigation capability) or code 522 (Audio 20 radio):** Radio (A2)	20
				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)	
				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) or CODE 531 (COMAND APS): COMAND controller unit (A40/3)	
27	Electrical fuse 27 (N10/1f27)	30z	0.75 RD	**Valid for gasoline engine:** ME-SFI 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)	
28	Electrical fuse 28 (N10/1f28)	30	0.75 RDWH	Instrument cluster (A1)	7.5
29	Electrical fuse 29 (N10/1f29)	15	1.0 BKRD	**Valid up to 28.02.2013:** Right front lamp unit (E2)	10
30	Electrical fuse 30 (N10/1f30)	15	1.0 BKRD	**Valid up to 28.02.2013:** Left front lamp unit (E1)	10
31A	Electrical fuse 31A (N10/1f31A)	15R	1.5 BK	**Valid for model 212.074/075/076/077/092/274/275/276/277/292:** Switched through the horns relay (N10/1kO): Left fanfare horn (H2)	15

				Valid for model 212 (except 212.074/075/076/077/092/274/275/276/277/292): Switched through the horns relay (N10/1kO): Left fanfare horn (H2) Right fanfare horn (H2/1)	
31B	Electrical fuse 31B (N10/1f31B)	30	1.5 BK	**Valid for model 212.074/075/076/077/092/274/275/276/277/292:** Switched through the horns relay (N10/1kO): Left fanfare horn (H2)	15
				Valid for model 212 (except 212.074/075/076/077/092/274/275/276/277/292): Switched through the horns relay (N10/1kO): Left fanfare horn (H2) Right fanfare horn (H2/1)	
32	Electrical fuse 32 (N10/1f32)	30	-	**Valid for engine 272:** Switched through the secondary air injection relay (N10/1kP): Electric air pump (M33)	40
33	Electrical fuse 33 (N10/1f33)	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, 724, 725:** Fully integrated transmission control controller unit (Y3/8)	
34	Electrical fuse 34 (N10/1f34)	87F	0.5 BK	**Valid for engine 156:** Fuel system control unit (N118)	7.5
			0.75 BKVT	**Valid for engine 271, 272, 273, 642, 651:** Fuel system control unit (N118)	
35	Electrical fuse 35 (N10/1f35)	87F	0.5 BU	**Valid for model 212.095/098/298:** HYBRID control unit power supply relay (K40/10kT)	7.5
36	Electrical fuse 36 (N10/1f36)	87F	0.75 RDBK	**Valid with CODE 610 (Night View Assist):** Night View Assist control unit (N101)	7.5
				Valid up to 28.02.2013 with CODE 233 (DISTRONIC PLUS): DISTRONIC electric controller unit (A89) **Valid as of 01.03.2013 with CODE 233 (DISTRONIC PLUS):** Front long-range radar sensor (B29)	
				Valid as of 01.03.2013 with CODE 258 (Collision Prevention Assist): COLLISION PREVENTION ASSIST controller unit (A90)	