
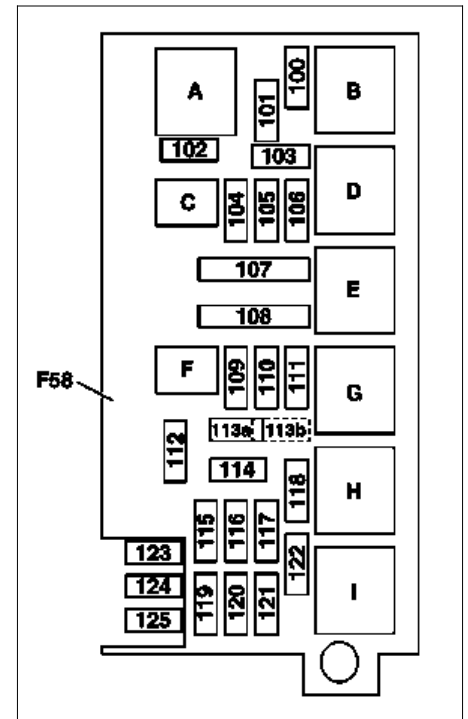


GF54.15-P-1256-02GM	Fuse assignment of fuse and relay box in right engine compartment	
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F58 Engine compartment fuse and relay box



P54.15-2728-03

Fuse	Clamping device	Cable ID (cable fused)	Fused function	Rating in amperes (A)
100	30	2.5 GYBK 2.5 GYWH	Fused via wiper speed relay 1/2 (F58kA) and wiper on/off relay (F58kB): ● Wiper motor (M6/1)	30
101	87	1.0 PK 1.5 PKBU 1.0 PKWH 1.5 PKBU 2.5 PKWH 2.5 PKWH 1.5 PKBU 2.5 PKBK 2.5 PKWH 1.5 PKWH	● AAC with integrated control additional fan motor (M4/7) <b>Valid for engine 156:</b> ● Terminal 87 M3e connector sleeve (Z7/98) <b>Valid for engine 156, 272, 273:</b> ● Purge control valve (Y58/1) <b>Valid for engines 272, 273:</b> ● Circuit 87 M1e connector sleeve (Z7/35) <b>Valid for engine 629:</b> ● CDI control unit (N3/9) ● Circuit 30 connector sleeve (Z7) <b>Valid for model 164.195:</b> ● ME-SFI [ME] control unit (/)N3/10 ● (X26/31) Engine compartment/engine connector <b>Valid for engine 642 except 642.820:</b> ● CDI control unit (N3/9) ● O2 sensor upstream of CAT (G3/2) <b>Valid for engine 642.820:</b> ● O2 sensor upstream of CAT (G3/2)	15
102	87	0.75 RDBU 0.75 RDBU 1.5 RDBU	<b>Valid for engine 642.820 up to 31.7.10:</b> ● Recirculation pump for transmission oil cooler (M13/7) <b>Valid for engine 156:</b> ● Engine coolant circulation pump (M45) <b>Valid for model 164.195:</b> Switched via the coolant circulant pump relay (F58kC): ● Recirculation pump for transmission oil cooler (M13/7) ● Low temperature coolant pump (M43/1)	15  10
103	87	1.5 PKBK 2.5 PKWH 2.5 PKBK 2.5 PKWH	● Circuit 87 M1e connector sleeve (Z7/35) <b>Valid for engine 629:</b> ● CDI control unit (N3/9) <b>Valid for engine 642 without engine 642.820:</b> ● CDI control unit (N3/9) <b>Valid for engine 642.820:</b> ● CDI control unit (N3/9)	25

		2.5 PKBK	<b>Valid for model 164.195:</b> ● ME-SFI [ME] control unit (/)N3/10	20
		2.5 PKBK	<b>Valid for engine 273:</b> ● ME-SFI [ME] control unit (/)N3/10	20
104	87	1.5 PKBK 2.5 PKWH 1.5 PKBU 0.5BKBU 1.5 PKBK 0.75 RDWH	<b>Valid for engine 156, 272, 273:</b> ● Terminal 87M2e connector sleeve (Z7/36) <b>Valid for engine 629:</b> ● Terminal 87 connector sleeve (Z7/24) <b>Valid for engine 642.820:</b> ● Terminal 87 D2 connector sleeve (Z7/48) <b>Valid for engine 642 except 642.820:</b> ● CDI control unit (N3/9) <b>Valid for model 164.195:</b> ● Interior and engine wiring harness connector (X26) ● Engine compartment fuse and relay box (F58)	15
105	87	1.5 PKBK 1.0 PK 2.5 PKBK 1.5 PKBK 1.0 PK 2.5 PKBK 1.0 PK 1.0 PK	<b>Valid for engine 156, 272, 273:</b> ● ME-SFI [ME] control unit (/)N3/10 ● Circuit 87 M1i connector sleeve (Z7/38) <b>Valid for engine 629:</b> ● CDI control unit (N3/9) <b>Valid for engine 642.820:</b> ● CDI control unit (N3/9) ● Fuel pump relay (F4kO) <b>Valid for engine 642 except 642.820:</b> ● CDI control unit (N3/9) ● Fuel pump relay (F4kO) <b>Valid for model 164.195:</b> ● Interior and engine wiring harness connector (X26)	15
106	30	-	● Spare	-
107	87	4.0 WHBU	<b>Valid for engine 156, 272 and 273:</b> Switched via air pump (F58kE): ● Electric air pump (M33) <b>Valid for model 164.195:</b> ● (X26/31) Engine compartment/engine connector	40
108	87	4.0 GYWH	<b>Valid for code (489) AIRmatic (air suspension with level adjustment and Adaptive Damping System ADS):</b> Switched via air suspension compressor relay (F58kG): ● AIRMATIC compressor unit (A9/1)	40
109	30	2.5 RD 2.5 RD	<b>Valid for model 164 except 164.195:</b> ● ESP control unit (N47-5) <b>Valid for model 164.195:</b> ● Regenerative braking system control unit (N30/6)	25
110	30	0.75 RD	<b>Valid for code (551) Antitheft alarm system (ATA [EDW]):</b> ● Alarm signal siren (H3/1)	10
111	30	2.5 RDBK	● Intelligent servo module for DIRECT SELECT (A80)	30
112	15	1,5 BK 1.5 BKBU	<b>Valid for code (615) Bi-xenon headlamp unit with integrated curve illumination or code (616) Bi-xenon headlamp unit with asymmetric integrated curve illumination or code (621) ILS (left-hand traffic) or code (622) ILS (right-hand traffic):</b> ● Left front lamp unit (E1) ● Right front lamp unit (E2)	7.5
113	15/30	1.5 BUWH	Switched via the fanfare relay (F58kF): ● Left fanfare horn (H2) ● Right fanfare horn (H2/1)	15
114	15	0,5 BK 0.5BKBU	● Front SAM control unit (N10) <b>Valid for engine 629:</b> ● CDI control unit (N3/9)	5
115	15	0.75 BKBU	<b>Valid model except 164.195:</b> ● ESP control unit (N47-5) <b>Valid for model 164.195:</b> ● Regenerative braking system control unit (N30/6)	5
116	15	1.0 RD	<b>Valid for model 164 except 164.195:</b> ● Electric controller unit (VGS) (Y3/8) <b>Valid for model 164.195:</b> ● Hybrid vehicle fully integrated transmission control controller unit (Y3/10)	7.5
117	15	0.75 BKBU	<b>Valid for code (219) Distronic (DTR):</b> ● DTR controller unit (A89)	7.5
118	15	0.75 BKBU 0.75 BKBN	<b>Valid for engine 156, 272, 273:</b> ● ME-SFI [ME] control unit (/)N3/10 <b>Valid for engine 629:</b> ● CDI control unit (N3/9)	5

		0.5BKBU	<b>Valid for engine 642:</b> ● CDI control unit (N3/9)	
119	30	0.75 RD	<b>Valid for engine 642.820:</b> ● CDI control unit (N3/9)	5
120	30	0.75RDBK 0.5BKBU 0.5BKBU	<b>Valid for engine 156, 272, 273:</b> ● ME-SFI [ME] control unit (/)N3/10 ● Engine circuit 87 relay (F58kD) <b>Valid for engine 629, 642:</b> ● Engine circuit 87 relay (F58kD)	10
121	30	2.5 RD	<b>Valid for code (228) stationary heater:</b> ● STH heater unit (A6) <b>Valid for model 164.195:</b> ● Fuse and relay box 2, engine compartment (F58/1)	20
122	87	2.5 RDWH 2.5 PK	<b>Valid for engine 156, 272, 273:</b> ● Starter (M1) <b>Valid for engine 629, 642:</b> ● Starter (M1)	25
123	15	2.5 BKBU	<b>Valid for engine 642 with code (U41) Fuel/water separator and lubrication package:</b> ● Fuel filter condensation sensor with heating element (B76/1) <b>Valid for engine 629, 642 as of 1.9.08:</b> ● Fuel filter condensation sensor with heating element (B76/1)	20
124	15	0.75 BKWH 0.75 PKRD	<b>Valid for model 164.120/122/822/825 as of 1.6.09, Model 164.121/124/125/824:</b> ● Electrohydraulic power steering (A91/1) <b>Valid for model 164.195:</b> ● Electrohydraulic power steering (A91/1) ● Electric refrigerant compressor control unit (N19/4)	7.5
125	30	0.75 RD	<b>Valid for model 164.195:</b> ● Power electronics control unit (/)N129/1	7.5