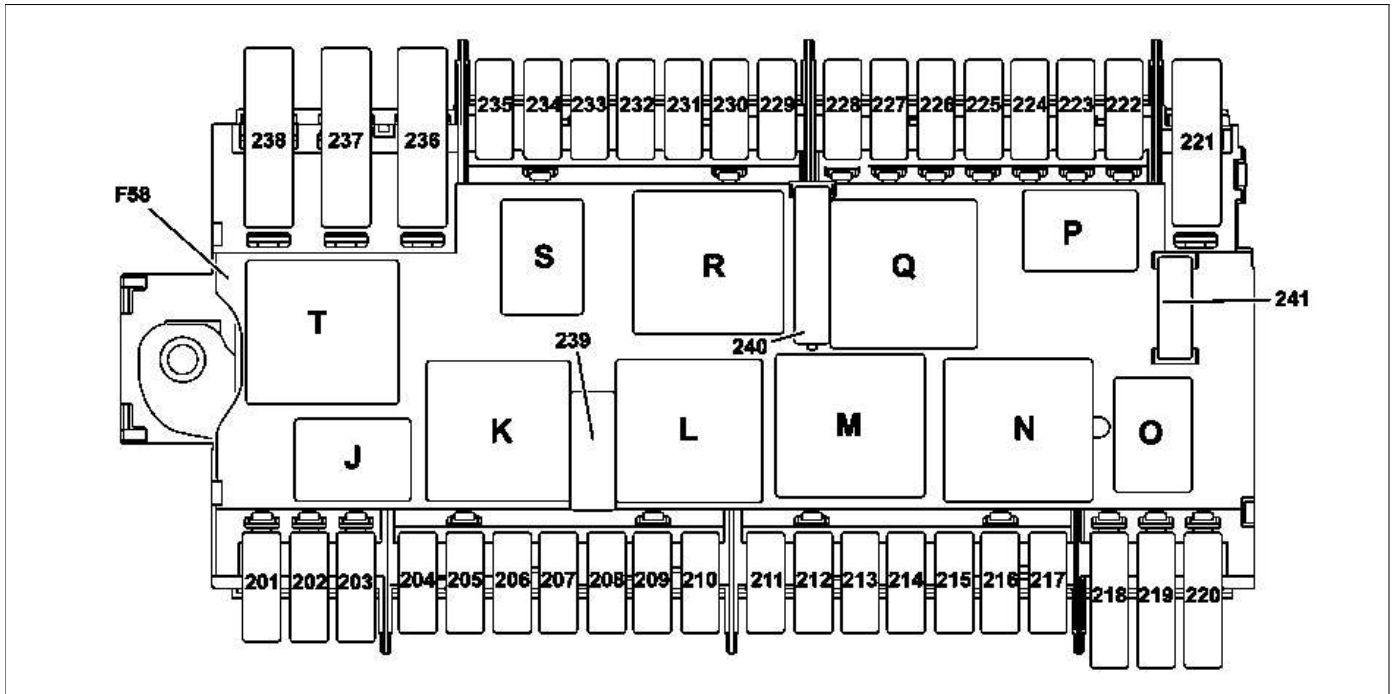


Model 166  
as of model year 2016  
Model 292



P54.15-3340-09

#### Assignment of fuse and relay module in engine compartment

F58 Engine compartment fuse and relay module

**i** ATO and maxi fuses may only be replaced by fuses that meet the Mercedes-Benz standard MBN10153-2.

**i** The designations 201 to 241 correspond to the fuses f201 to f241 below.

Fuse	Clamping device	Line ID (line fused)	Fused function	Rating in amperes (A)
f201	30	-	Spare	-
f202	30	2.5 RD	Stationary heater unit (A6) (with CODE 228 (Stationary heater))	20
f203	30	0.35 RD	Alarm siren (H3/1) (with CODE 551 (Anti-theft alarm system (ATA [EDW])))	5
f204	30	2.5 RDWH	Electronic Stability Program control unit (N30/4) or regenerative braking system control unit (N30/6) (with CODE ME05 (HYBRID DRIVE 80KW-VARIANT (INCLUDING PLUGIN)))	25
f205	15	1.5 BUWH	Switched via horn relay (F58kJ): Left horn (H2), right horn (H2/1)	15
f206	30	-	Spare	15
f207	30	2.5 RDWH	Via circuit 30/2 connector sleeve (front lamp unit) (Z194/5) to the left front actuation module, LED exterior lighting (E1n7) and the right front actuation module, LED exterior lighting (E2n7) (with CODE 640 (High-performance LED) or CODE 641 (Dynamic left-hand traffic LED headlamp) or CODE 642 (Dynamic right-hand traffic LED headlamp))	20
f208	30	0.5 RDWH	Coolant trailing pump relay (K108/3) (with engine 278 and engine 157)	7.5
f209	30	0.35 RDWH	Via turbocharger relay (F58kO) (control circuit) to powertrain control unit (N127) (on model 166.063)	5
f210	30	-	Spare	-
f211	30	2.5 RDWH	Via circuit 30/1 connector sleeve (front lamp unit) (Z194/4) to left headlamp control unit (E1n9) and right headlamp control unit (E2n9) (with code 640 (High-performance LED) or code 641 (Dynamic LED headlamp, left-hand traffic) or code 642 (Dynamic LED headlamp, right-hand traffic))	20
f212	50	0.35 VTWH	Voltage dip limiter (R62) (with CODE B03 (ECO start/stop function))	7.5

f213	30z	0.5 RDWH	CDI control unit (N3/9) (with engine 642, 651) ME-SFI [ME] control unit (N3/10) (with engine 157, 276, 278)	7.5
f214	87	1.5 PKYE 1.0 PKBK 1.0 PKYE	ME-SFI [ME] control unit (N3/10) (with engine 157, 276, 278) CDI control unit (N3/9) (with engine 651) NOx sensor control unit downstream of diesel particulate filter (N37/7), NOx sensor control unit downstream of SCR catalytic converter (N37/8) (with CODE U77 (BLUETEC (SCR) diesel exhaust treatment)))	15
f215	87	1.5 PKBK	Engine/engine compartment electrical connector (X26/31) (with engine 157, 278) Interior and engine wiring harness electrical connector (X26) (with engine 276) Engine/engine compartment electrical connector (X26/31) via circuit 87 connector sleeve D3 (Z7/75), radiator shutters actuator (Y84) (with engine 642) Engine/engine compartment electrical connector (X26/31), radiator shutters actuator (Y84) (with engine 651)	15
f216	87	1.5 PKBU	Circuit 87D2 connector sleeve (Z7/48) (with engine 157, 276, 278) CDI control unit (N3/9), engine/engine compartment electrical connector (X26/31), left switchable engine mount (Y123), right switchable engine mount (Y123/1) (with engine 642) Fan motor (M4/7), CDI control unit (N3/9), engine/engine compartment electrical connector (X26/31), left switchable engine mount (Y123), right switchable engine mount (Y123/1) (with engine 651)	15
f217	87	1.5 PK 2.5 PK	Engine/engine compartment electrical connector (X26/31) (with engine 157, 276, 278) CDI control unit (N3/9), engine/engine compartment electrical connector (X26/31) (with engine 642, 651)	20
f218	87	-	Spare	-
f219	87	0.75 RDBU	Charge air cooler circulation pump (M44) (with engine 157, 276, 278)	10
f220	87	1.0 PKGN	Low temperature circuit switchover valve (Y73/1) (with CODE ME05 (HYBRID DRIVE 80KW-VARIANT (INCLUDING PLUGIN)))	15
f221	30	-	Spare	-
f222	87	-	Spare	20
f223	30	-	Spare	-
f224	15	0,35BK	Sound generator (H4/16) (with CODE ME05 (HYBRID DRIVE 80KW-VARIANT (INCLUDING PLUGIN)))	5
f225	15	-	Spare	10
f226	15	-	Spare	15
f227	15	-	Spare	15
f228	15	2.5 BK	Connected through the spray nozzle hose heater relay (K129): Top spray nozzle hose heater (R2/5), junction box for windshield washer system (R2/6), left wiper blade heater (R2/12) and right wiper blade heater (R2/13) (with code 874 (MAGIC VISION CONTROL))	25
f229	15	1.0 BK	Left front lamp unit (E1)	5
f230	15	0.5 PKWH	Electronic Stability Program control unit (N30/4) or regenerative braking system control unit (N30/6) (with CODE ME05 (HYBRID DRIVE 80KW-VARIANT (INCLUDING PLUGIN)))	5
f231	15	0.5 BKBU	Right front lamp unit (E2)	5
f232	15	1.0 PK	Fully integrated transmission control unit (Y3/8n4)	15
			Transmission oil auxiliary pump control unit (N89) (with CODE 233 (DISTRONIC PLUS) or CODE 237 (Active Blind Spot Assist))	
f233	15	-	Spare	-
f234	15	0.35 BKBU	DISTRONIC electric controller unit (A89) (for code 239 (DISTRONIC PLUS))	5
			Front long-range radar sensor (B92) (with code 23P (Driving assistance package plus))	
f235	87	1.5 GY	Wiper park position heater (R2/10)	20
f236	30	4.0 RDWH	Vacuum pump relay (+) (K109) (with CODE ME05 (HYBRID DRIVE 80KW-VARIANT (INCLUDING PLUGIN)))	40
f237	30	2.5 RDWH	Intelligent servo module for DIRECT SELECT (A80) (with CODE 427 (7G-TRONIC))	30
f238	87	4.0 GYWH	Switched through the AIRmatic relay (F58kT): AIRmatic compressor (A9/1) (with CODE 489 (AIRmatic))	60
f239	30	2.5 GYWH	Switched via the windshield wiper on/off relay (F58kL) and the 1/2 wiper speed relay (F58kK): Wiper motor (M6/1)	30
f240a	15	2.5 VTWH	Starter (M1) (without CODE B03 (ECO start/stop function))	30
f240b	15	2.5 VTWH	Engine compartment prefuse box (F32/3) (with CODE B03 (ECO start/stop function) or with CODE ME05 (HYBRID DRIVE 80KW-VARIANT (INCLUDING PLUGIN)))	
f241	30	-	Spare	-

Slot	Designation
J	Fanfare horn relay (F58kJ)
K	Wiper speed 1/2 relay (F58kK)

L	Windshield wiper ON/OFF relay (F58kL)
M	Starter circuit 50 relay (F58kM)
N	Circuit relay87M (F58kN)
O	Turbocharger relay (F58kO)
P	Backup relay (F58kP)
Q	Circuit 15 relay (not latched) (F58kQ)
R	Circuit 15 relay (F58kR)
S	Wiper park position heater relay (F58kS)
T	AIRmatic relay (F58kT) (with CODE 489 (AIRmatic))