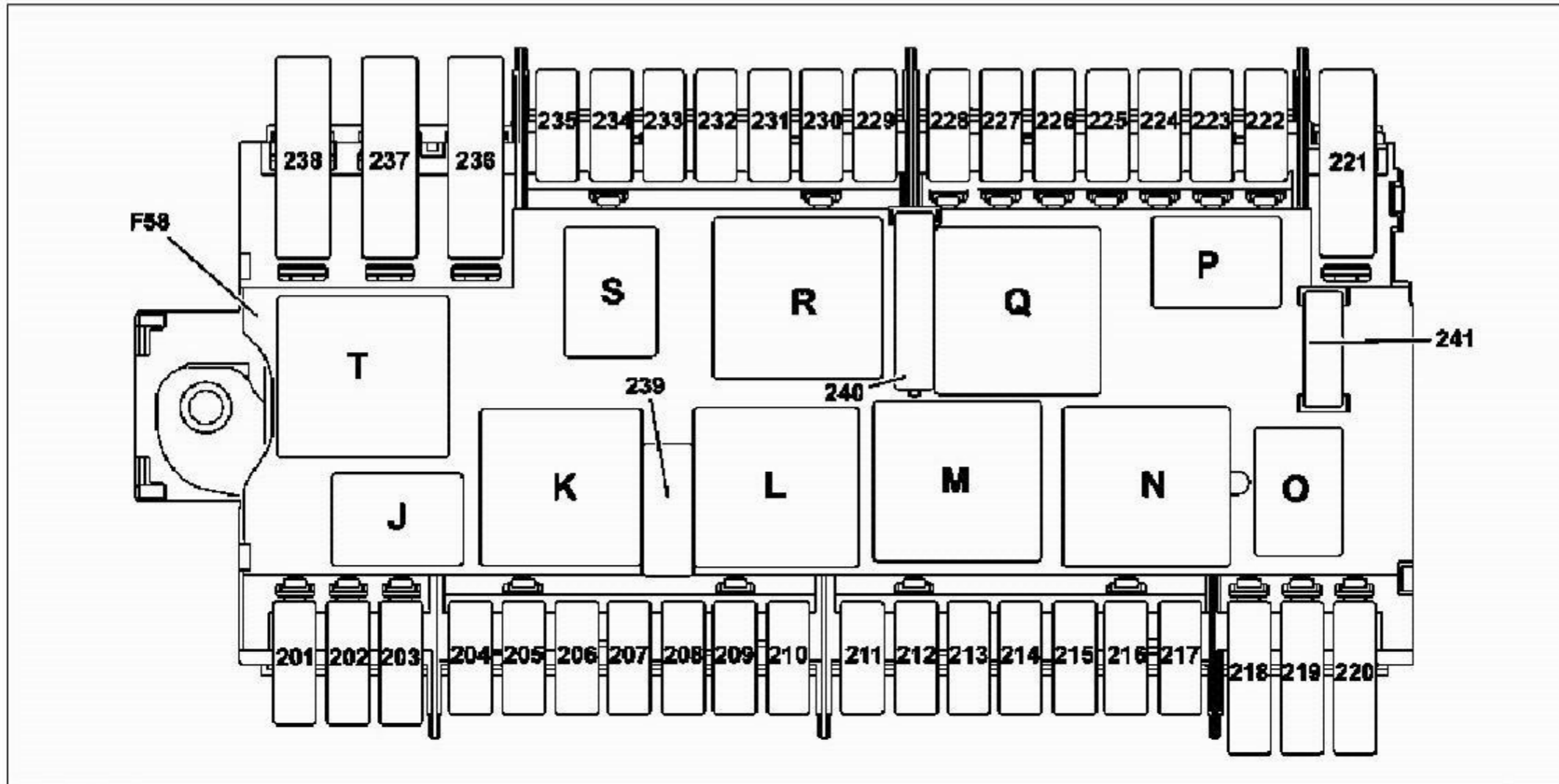


GF54.15-P-1256-36GR

Fuse and relay module assignment in engine compartment

GF



P54.15-3340-09

F58 Engine compartment fuse and relay module

i When "ATO" and "MAXI" fuses are changed, they must always be replaced with fuses that comply with the Mercedes-Benz standard: MBN10153-2.

i The designations 201 to 241 relate to the electrical fuses f201 to f241 respectively.

Fuse	Circuit	Line ID (fused line)	Fused function	Rating in amperes (A)
f201	30	-	<ul style="list-style-type: none"> ● Spare 	-
f202	30	2.5 RD	Valid for code (228) stationary heater: <ul style="list-style-type: none"> ● Stationary heater unit (A6) 	20
f203	30	0.35 RD	Valid for code (551) Antitheft alarm system (ATA [EDW]): <ul style="list-style-type: none"> ● Alarm siren (H3/1) 	5
f204	30	2.5 RDWH	<ul style="list-style-type: none"> ● Electronic Stability Program control unit (N30/4) 	25
f205	15	1.5 BUWH	Switched via the horns relay (F58k): <ul style="list-style-type: none"> ● Left fanfare horn (H2) ● Right fanfare horn (H2/1) 	15
f206 - f212	30	-	<ul style="list-style-type: none"> ● Spare 	-
f213	30z	0.5 RDWH	Valid for engines 642, 651: <ul style="list-style-type: none"> ● CDI control unit (N3/9) Valid for engine 157, 276, 278: <ul style="list-style-type: none"> ● ME-SFI [ME] control unit (N3/10) 	7.5

Document 225% Continuous document Validity off Page 1 of 2

f214	87	1.5 PKYE 1.0 PKBK 1.0 PKYE	<p>Valid for engine 157, 276, 278:</p> <ul style="list-style-type: none"> ● ME-SFI [ME] control unit (N3/10) <p>Valid with engine 651:</p> <ul style="list-style-type: none"> ● CDI control unit (N3/9) <p>Valid for code (U42) BlueTEC (SCR) diesel exhaust treatment:</p> <ul style="list-style-type: none"> ● NOx sensor control unit downstream of diesel particulate filter (N37/7) ● NOx sensor control unit downstream of SCR catalytic converter (N37/8) 	15
f215	87	1.5 PKBK	<p>Valid for engine 157, 278:</p> <ul style="list-style-type: none"> ● Engine/engine compartment electrical connector (X26/31) (pin 7) <p>Valid with engine 276:</p> <ul style="list-style-type: none"> ● Interior and engine wiring harness electrical connector (X26) (pin 7) <p>Valid with engine 642:</p> <ul style="list-style-type: none"> ● Engine/engine compartment electrical connector (X26/31) (pin 7) via circuit 87 D3 connector sleeve (Z7/75) ● Radiator shutters actuator (Y84) <p>Valid with engine 651:</p> <ul style="list-style-type: none"> ● Engine/engine compartment electrical connector (X26/31) (pin 7) ● Radiator shutters actuator (Y84) 	15
f216	87	1.5 PKBU	<p>Valid for engine 157, 276, 278:</p> <ul style="list-style-type: none"> ● Terminal 87 D2 connector sleeve (Z7/48) <p>Valid with engine 642:</p> <ul style="list-style-type: none"> ● CDI control unit (N3/9) ● Engine/engine compartment electrical connector (X26/31) (pin 6) ● Left switchable engine mount (Y123) ● Right switchable engine mount (Y123/1) <p>Valid with engine 651:</p> <ul style="list-style-type: none"> ● Fan motor (M4/7) ● CDI control unit (N3/9) ● Engine/engine compartment electrical connector (X26/31) (pin 6) 	15

16:19 27/05/2015

Document 225% Continuous document Validity off Page 2 of 2

			<ul style="list-style-type: none"> ● Left switchable engine mount (Y123) ● Right switchable engine mount (Y123/1) <p>Valid with engine 651:</p> <ul style="list-style-type: none"> ● Fan motor (M4/7) ● CDI control unit (N3/9) ● Engine/engine compartment electrical connector (X26/31) (pin 6) ● Left switchable engine mount (Y123) ● Right switchable engine mount (Y123/1) 	
f217	87	1.5 PK 2.5 PK	<p>Valid for engine 157, 276, 278:</p> <ul style="list-style-type: none"> ● Engine/engine compartment electrical connector (X26/31) (pin 5) <p>Valid for engines 642, 651:</p> <ul style="list-style-type: none"> ● CDI control unit (N3/9) ● Engine/engine compartment electrical connector (X26/31) (pin 5) 	20
f218	87	-	<ul style="list-style-type: none"> ● Spare 	-
f219	87	0.75 RDBU	<p>Valid for engines 278, 157:</p> <ul style="list-style-type: none"> ● Charge air cooler circulation pump (M44) 	10
f220 - f222	30	-	<ul style="list-style-type: none"> ● Spare 	-
f223 - f228	15	-	<ul style="list-style-type: none"> ● Spare 	-
f229	15	1,0 BK	<ul style="list-style-type: none"> ● Left front lamp unit (E1) 	7.5
f230	15	0.5 PKWH	<ul style="list-style-type: none"> ● Electronic Stability Program control unit (N30/4) 	5
f231	15	0.5 BKBU	<ul style="list-style-type: none"> ● Right front lamp unit (E2) 	7.5
f232	15	1.0 PK	<ul style="list-style-type: none"> ● Control unit for fully integrated transmission control (Y3/8n4) <p>Valid for code (B03) ECO start/stop function:</p> <ul style="list-style-type: none"> ● Transmission oil auxiliary pump control unit (N89) 	15
f233	15	1.0 PKWH	<p>Valid for code (615) Bi-xenon headlamp unit with integrated curve illumination or code (621) Intelligent light system (left-hand traffic) or code (622) Intelligent light system (right-hand traffic):</p> <ul style="list-style-type: none"> ● Headlamp control unit (N71/1) 	15

Document

f232	15	1.0 PK	<ul style="list-style-type: none"> Control unit for fully integrated transmission control (Y3/8n4) Valid for code (B03) ECO start/stop function: <ul style="list-style-type: none"> Transmission oil auxiliary pump control unit (N89) 	15
f233	15	1.0 PKWH	Valid for code (615) Bi-xenon headlamp unit with integrated curve illumination or code (621) Intelligent light system (left-hand traffic) or code (622) Intelligent light system (right-hand traffic): <ul style="list-style-type: none"> Headlamp control unit (N71/1) 	15
f234	15	0.35 BKBU	Valid for code (233) DISTRONIC PLUS or code (237) Active Blind Spot Assist: <ul style="list-style-type: none"> DISTRONIC electric controller unit (A89) 	5
f235	15	1.5 GY	<ul style="list-style-type: none"> Wiper park position heater (R2/10) 	20
f236	30	-	<ul style="list-style-type: none"> Spare 	-
f237	30	2.5 RDWH	Valid for transmission 722.9: <ul style="list-style-type: none"> Intelligent servo module for DIRECT SELECT (A80) 	15
f238	87	4.0 GYWH	Valid for code (489) AIRmatic (air suspension with level adjustment and Adaptive Damping System ADS): Switched via the AIRMATIC relay (F58kT): <ul style="list-style-type: none"> AIRMATIC compressor (A9/1) 	40
f239	30	2.5 GYWH	Switched via the windshield wiper on/off relay (F58kL) and the windshield wiper relay 1/2 (F58kK): <ul style="list-style-type: none"> Wiper motor (M6/1) 	30
f240a	30	2.5 VTWH	Valid without code (B03) ECO start/stop function: <ul style="list-style-type: none"> Starter (M1) 	30
f240b	15	2.5 VTWH	Valid for code (B03) ECO start/stop function: <ul style="list-style-type: none"> Engine compartment prefuse box (F32/3) 	
f241	30	-	<ul style="list-style-type: none"> Spare 	-

Document 225% Continuous document Validity off Page 2 of 2

Slot	Designation	Value	Description	Value
f240a	30	2.5 VTWH	Valid without code (B03) ECO start/stop function: ● Starter (M1)	30
f240b	15	2.5 VTWH	Valid for code (B03) ECO start/stop function: ● Engine compartment prefuse box (F32/3)	
f241	30	-	● Spare	-

Slot	Designation
J	● Fanfare horn relay (F58kJ)
K	● Wiper speed relay 1/2 (F58kK)
LL	● Windshield wiper ON/OFF relay (F58kL)
M	● Starter circuit 50 relay (F58kM)
O	● Circuit 87M relay (F58kN)
O	Valid for turbocharger: ● 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)
Tt	Valid for code (489) AIRmatic (air suspension with level adjustment and Adaptive Damping System ADS): ● AIRMATIC relay (F58kT)