



Metris

Fuse allocation supplement



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Mercedes-Benz


Symbols


WARNING

Warning notes make you aware of dangers which could pose a threat to your health or life, or to the health and life of others.

Environmental note

Environmental notes provide you with information on environmentally aware actions or disposal.

 Notes on material damage alert you to dangers that could lead to damage to your vehicle.

 These symbols indicate useful instructions or further information that could be helpful to you.

► This symbol designates an instruction you must follow.

► Several consecutive symbols indicate an instruction with several steps.

(▷ page) This symbol tells you where you can find further information on a topic.

▷ ▷ This symbol indicates a warning or an instruction that is continued on the next page.

Display This text indicates a message on the display.

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You are welcome to forward any queries or suggestions you may have regarding this Operator's Manual to the technical documentation team at the address on the inside of the front cover.

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Fuses

Important safety notes

WARNING

If you manipulate or bridge a faulty fuse or if you replace it with a fuse with a higher amperage, the electric cables could be overloaded. This could result in a fire. There is a risk of an accident and injury.

Always replace faulty fuses with the specified new fuses having the correct amperage.

- ❗ Only use fuses that have been approved for Mercedes-Benz vehicles and which have the correct fuse rating for the system concerned. Otherwise, components or systems could be damaged.

The fuses in your vehicle switch off defective power circuits. If a fuse blows, all the components on the circuit and their functions will cease to operate.

Faulty fuses must be replaced with fuses of the same rating and which have the amperage specified in the following overview. Fuses of the same rating can be recognized by the color and amperage. You can obtain advice from a qualified specialist workshop.

If a new fuse blows again, have the cause determined and rectified at a qualified specialist workshop.

The fuses and relays are split between different fuse boxes in the vehicle:

- fuse box in the engine compartment (PDC-E)
- fuse box in the front-passenger's footwell (PDC-P)
- fuse box in the front-passenger's footwell on the A-pillar (PDC-F)
- fuse box in the rear compartment (PDC-R)
- pre-fuse box next to the starter battery in the seat base of the right-hand front seat

Always have the fuses in the pre-fuse box and the relays in the fuse box replaced at a qualified specialist workshop.

Before replacing a fuse

- ▶ Apply the parking brake.
- ▶ **Vehicles with automatic transmission:** shift the transmission to position **P**.
- ▶ **Vehicles with manual transmission:** engage neutral.
- ▶ Switch off all electrical consumers.
- ▶ Turn the key to position **0** in the ignition lock and remove it.

Fuse box in the engine compartment

Opening/closing

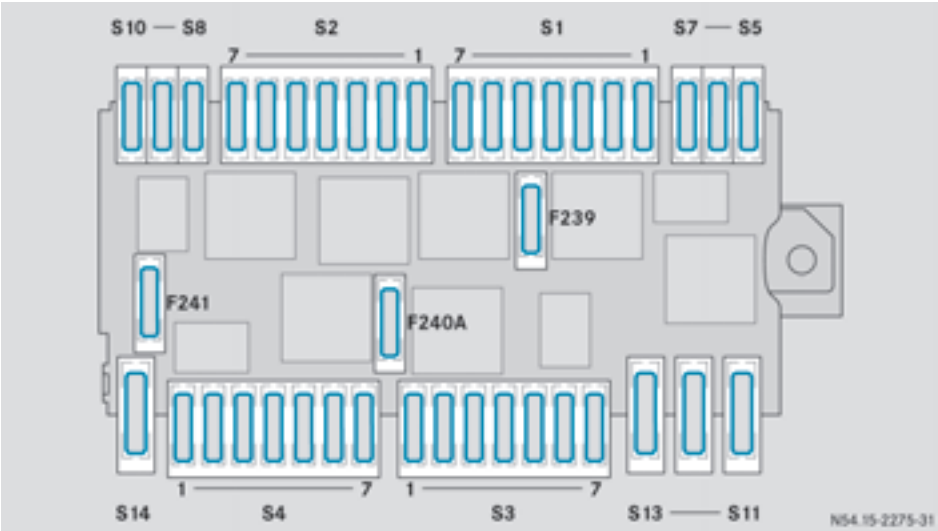
- ❗ Make sure that no moisture can enter the fuse box when the cover is open.
- ❗ When closing the cover, make sure that it is lying correctly on the fuse box. Moisture seeping in or dirt could otherwise impair the operation of the fuses.



- ▶ **To open:** open the hood. Observe the important safety notes relating to opening the hood that are mentioned in the operating instructions.
- ▶ Remove any moisture from the fuse box using a dry cloth.
- ▶ Open retaining clamps ② and unhook them from the fuse box.
- ▶ Fold out cover ① upwards in the direction of the arrow and remove it.
- ▶ **To close:** check that the seal is sitting correctly in cover ①.

- ▶ Hook cover ① in at the back and fold it down.
- ▶ Hook in retaining clamps ② on the fuse box and close.
- ▶ Close the hood (see the vehicle's Operating Instructions).

Fuses



View is rotated through 90°

Fuse holder S1

No.	Consumer	Catch	Fuse rating
1	ESP valves	F204	25 A
2	Horn	F205	15 A
3	Engine control unit	F206	5 A
4	Automatic transmission control unit	F207	25 A
5	Unassigned	F208	—
6	Unassigned	F209	—
7	Unassigned	F210	—

Fuse holder S2

No.	Consumer	Catch	Fuse rating
1	Unassigned	F211	—
2	Terminal 87 (4)	F212	15 A
3	Terminal 87 (2)	F213	15 A
4	Terminal 87 (3)	F214	10 A
5	Terminal 87 (1)	F215	20 A

No.	Consumer	Catch	Fuse rating
6	Engine control unit	F216	5 A
7	Unassigned	F217	—

Fuse holder S3

No.	Consumer	Catch	Fuse rating
1	Headlamp range control, left	F229	5 A
2	ESP	F230	5 A
3	Headlamp range control, right	F231	5 A
4	Unassigned	F232	—
5	Fuel filter heating	F233	25 A
6	Unassigned	F234	—
7	Unassigned	F235	—

Fuse holder S4

No.	Consumer	Catch	Fuse rating
1	Unassigned	F222	—
2	Unassigned	F223	—
3	COLLISION PREVENTION ASSIST/ DISTRONIC PLUS	F224	7.5 A
4	Unassigned	F225	—
5	Engine radiator fan/radiator shutters	F226	5 A
6	Automatic transmission control unit	F227	10 A
7	Additional oil pump	F228	15 A

Fuse holders S5 to S14

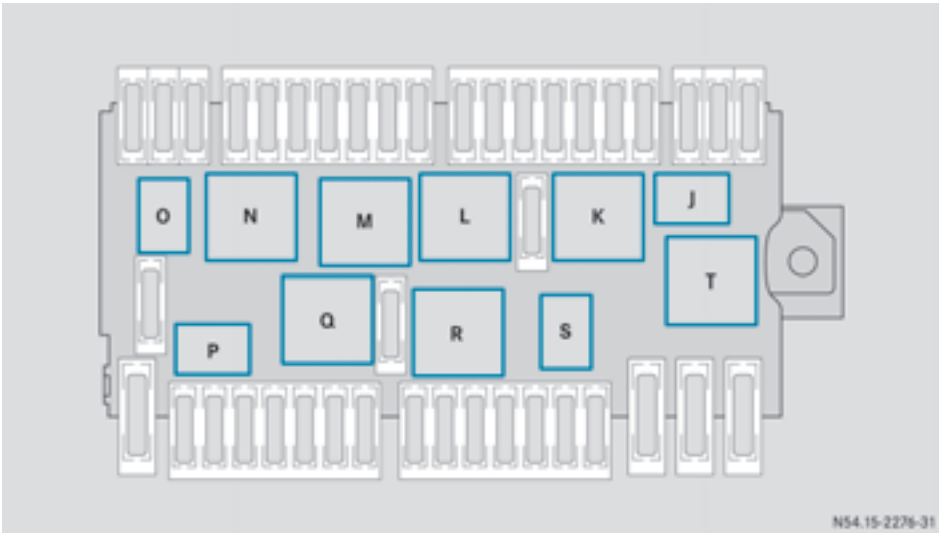
No.	Consumer	Catch	Fuse rating
S5	ATA (Anti-Theft Alarm system) horn	F201	5 A
S6	Auxiliary heating control unit	F202	20 A
S7	HLI LED headlamp control unit (headlamp functions)	F203	20 A
S8	ESP control unit	F218	5 A

No.	Consumer	Catch	Fuse rating
S9	Unassigned	F219	—
S10	Unassigned	F220	—
S11	Unassigned	F238	—
S12	ESP pump	F237	40 A
S13	CBC 2 signal acquisition and actuation module	F236	40 A
S14	LCU LED headlamp control unit (LED main light)	F221	30 A

Additional fuses on the relay carrier

No.	Consumer	Catch	Fuse rating
—	Windshield wipers	F239	30 A
—	Terminal 50 starter	F240A	25 A
—	Unassigned	F241	—

Relays



View is rotated through 90°

No.	Operation	Relays
—	Horn	J
—	Windshield wiper, continuous wipe	K
—	Windshield wiper on/off	L
—	Starter motor	M
—	Terminal 87	N
—	Unassigned	O
—	Unassigned	P
—	Unassigned	Q
—	Terminal 15	R
—	Unassigned	S
—	Unassigned	T

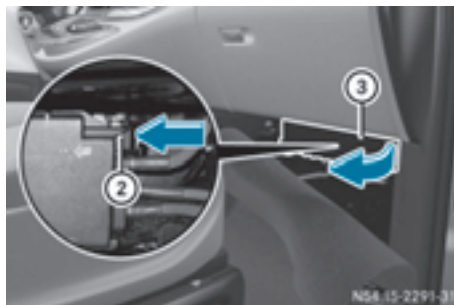
Fuse box in the front-passenger's footwell

Opening/closing

! When closing the cover, make sure that it is lying correctly on the fuse box. Moisture seeping in or dirt could otherwise impair the operation of the fuses.



- ▶ **To open:** open the front-passenger's door.
- ▶ Remove floor mat in the front-passenger's footwell.
- ▶ Lift up floor covering ① in the direction of the arrow.



- ▶ Press retaining clamp ② and lift up cover ③ in the direction of the arrow until it locks.
- ▶ Pull cover ③ forwards to remove from the fuse box.
- ▶ **To close:** insert and engage cover ③ in the bracket on the left of the fuse box.
- ▶ Fold down cover ③ until you feel retaining clamp ② engage.
- ▶ Fold floor covering ① back.
- ▶ Place the floormat in the front-passenger's footwell.
- ▶ Close the front-passenger's door.

No.	Consumer	Catch	Fuse rating
1	Unassigned	F28	—
2	Radio head unit	F29	25 A
	Radio fittings		15 A
3	Lane Keeping Assist, steering wheel	F30	10 A
4	Heating/air-conditioning system/dual-zone automatic climate control	F31	10 A
5	Control unit on the center console in the center with touchpad	F32	7.5 A
6	Radio head unit (Vito)	F33	5 A
	Radio head unit (V-class)		15 A
7	Cigarette lighter	F34	15 A

No.	Consumer	Catch	Fuse rating
1	Driver's seat control unit	F36	7.5 A
2	Fuse box in the engine compartment (PDC-E)	F37	30 A

No.	Consumer	Catch	Fuse rating
3	Air bag control unit	F38	7.5 A
4	DAB/SDARS Digital radio/TV Tuner Japan	F39	5 A
5	Unassigned	F40	—
6	Unassigned	F41	—
7	Front-passenger's seat control unit	F42	7.5 A

Fuse holder S3

No.	Consumer	Catch	Fuse rating
1	Jacket tube module	F49	5 A
2	Radio display head unit and fan	F50	7.5 A
3	Mobile phone bracket	F51	5 A
4	Media Interface	F52	5 A
5	Toll collection system Japan (DSRC)	F53	7.5 A
6	Climate control blower	F54	30 A
7	Ignition lock/electronic steering lock	F55	20 A

Fuse holder S4

No.	Consumer	Catch	Fuse rating
1	Control unit, front door, left	F64	30 A
2	Control unit, front door, right	F65	30 A
3	Rear window wiper, rear door, right (Vito)	F66	20 A
4	Electric parking brake	F67	7.5 A
5	Air bag control unit	F68	7.5 A
6	Automatic front-passenger air bag deactivation	F69	5 A
7	Unassigned	F70	—

Fuse holder S5

No.	Consumer	Catch	Fuse rating
1	Unassigned	F71	—
2	12 V sockets, cargo compartment	F72	15 A

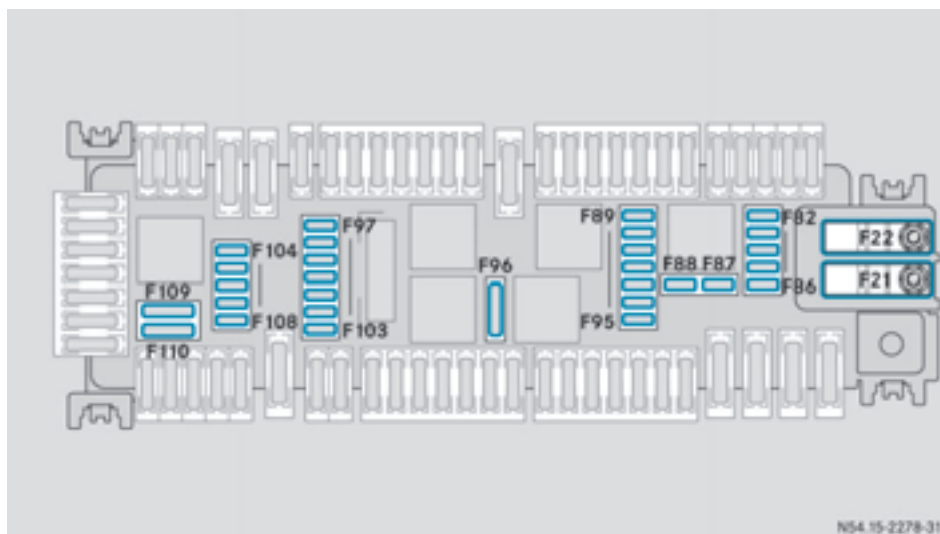
No.	Consumer	Catch	Fuse rating
3	Electric parking brake	F73	30 A
4	Electric sliding door, left	F74	30 A
5	Trailer module 1	F75	15 A
6	Trailer module 2	F76	25 A
7	Trailer module 3	F77	25 A

Fuse holders S6 to S29

No.	Consumer	Catch	Fuse rating
S6	Unassigned	F23	—
S7	Trailer control unit	F24	7.5 A
S8	Auxiliary battery, charging connection	F25	10 A
S9	Trailer control unit	F26	15 A
S10	fuse box in the front-passenger's footwell on the A-pillar (PDC-F)	F27	5 A
S11	Rear window defroster	F35	30 A
S12	Rear Seat Entertainment System	F43	10 A
S13	Belt adjustment, front seat, left (PRE-SAFE®)	F44	40 A
S14	Belt adjustment, front seat, right (PRE-SAFE®)	F45	40 A
S15	Exhaust gas aftertreatment, SCR 3	F46	10 A
S16	Exhaust gas aftertreatment, SCR 2	F47	20 A
S17	Exhaust gas aftertreatment, SCR 1	F48	15 A
S18	Exhaust gas aftertreatment, SCR relay	F56	15 A
S19	Hot-air auxiliary heating	F57	25 A
S20	Unassigned	F58	—
S21	Front-passenger's seat control unit	F59	30 A
S22	Driver's seat control unit	F60	30 A
S23	Amplifier, sound system	F61	40 A
S24	Roof turn signals	F62	10 A

No.	Consumer	Catch	Fuse rating
S25	Fuel delivery control unit	F63	20 A
S26	Panorama roof	F78	30 A
S27	CBC 1 signal acquisition and actuation module	F79	40 A
S28	CBC 3 signal acquisition and actuation module	F80	40 A
S29	Blower, rear-compartment climate control	F81	30 A

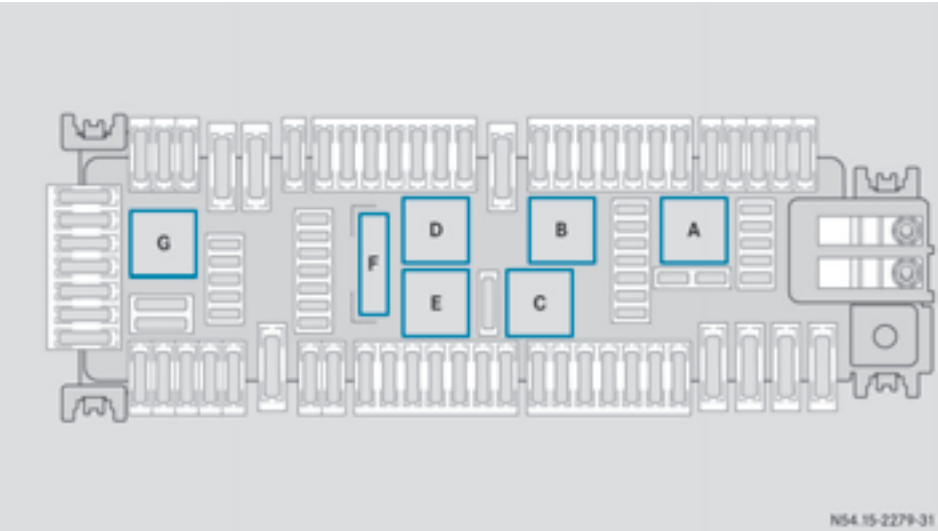
Additional fuses on the relay carrier



No.	Consumer	Catch	Fuse rating
—	PTC heater booster	F21	200 A
—	Auxiliary battery	F22	200 A
—	Star 2 central gateway	F82	5 A
—	Ignition lock	F83	7.5 A
—	Center console control unit/control unit on left next to the steering wheel	F84	7.5 A
—	Remote control receiver/KOM module	F85	5 A
—	RF antenna	F86	5 A
—	Diagnostics connection	F87	10 A

No.	Consumer	Catch	Fuse rating
—	Instrument cluster	F88	10 A
—	Light switch	F89	5 A
—	Blind Spot Assist	F90	5 A
—	Exhaust gas aftertreatment, SCR control unit	F91	5 A
—	Fuel delivery control unit	F92	5 A
—	Basic wiring, radio	F93	7.5 A
	Toll collection system Japan (DSRC)		
—	Unassigned	F94	—
—	Glove box lamp	F95	5 A
—	Rear window wiper, tailgate/rear window wiper, rear door, left (Vito)	F96	15 A
—	PARKTRONIC/Active Parking Assist	F97	5 A
—	CBC control line signal acquisition and actuation module	F98	5 A
—	Tire pressure monitor	F99	5 A
—	Amplifier, sound system	F100	5 A
—	Overhead control panel	F101	10 A
—	Unassigned	F102	—
—	Basic wiring, taxi, taximeter	F103	5 A
—	Rear compartment entertainment, display, left	F104	5 A
—	Rear compartment entertainment, display, right	F105	5 A
—	Camera for driver assistance systems	F106	5 A
—	Basic wiring for TV/traffic surveillance camera	F107	5 A
—	Rear view camera/360° camera	F108	7.5 A
—	Unassigned	F109	—
—	CBC 5 signal acquisition and actuation module	F110	30 A

Relays

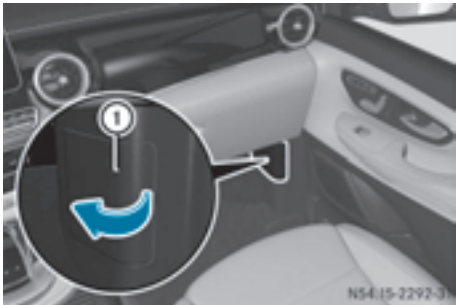


No.	Operation	Relays
–	Terminal 15 relay	A
–	Rear window wiper	B
–	Terminal 15 R2	C
–	Rear window defroster	D
–	Terminal 15 R1	e
–	Terminal 30 G	F
–	Exhaust gas aftertreatment, SCR delivery pump	G

Fuse box in the front-passenger's footwell on the A-pillar

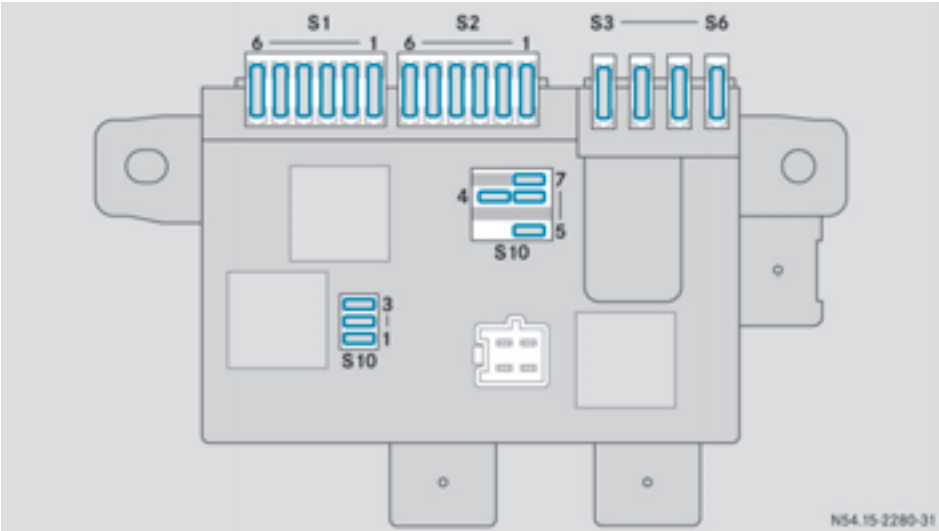
Opening/closing

- ❗ Make sure that no moisture can enter the fuse box when the cover is open.
- ❗ When closing the cover, make sure that it is lying correctly on the fuse box. Moisture seeping in or dirt could otherwise impair the operation of the fuses.



- ▶ **To open:** open the front-passenger's door.
- ▶ Fold out cover ① in the direction of the arrow and remove.
You will see the fuse box on the A-pillar.
- ▶ **To close:** insert cover ① into the side trim panel on the left and push it shut.
- ▶ Close the front-passenger's door.

Fuses



View is rotated through 90°

Fuse holder S1

No.	Consumer	Catch	Fuse rating
1	Rear seat heating, row 1 left	F305	10 A
2	Rear seat heating, row 1 right	F308	10 A
3	Rear seat heating, row 2 left	F310	10 A
4	Rear seat heating, row 2 right	F309	10 A
5	Unassigned	F316	—
6	Rear seat heating control unit	F317	5 A

Fuse holder S2

No.	Consumer	Catch	Fuse rating
1	Programmable special module (PSM)	F303	25 A
2	Programmable special module (PSM)	F304	25 A
3	Unassigned	F306	—
4	Unassigned	F312	—

No.	Consumer	Catch	Fuse rating
5	Electric sliding door, right/EASY-PACK tail-gate	F311	30 A
6	Unassigned	F318	—

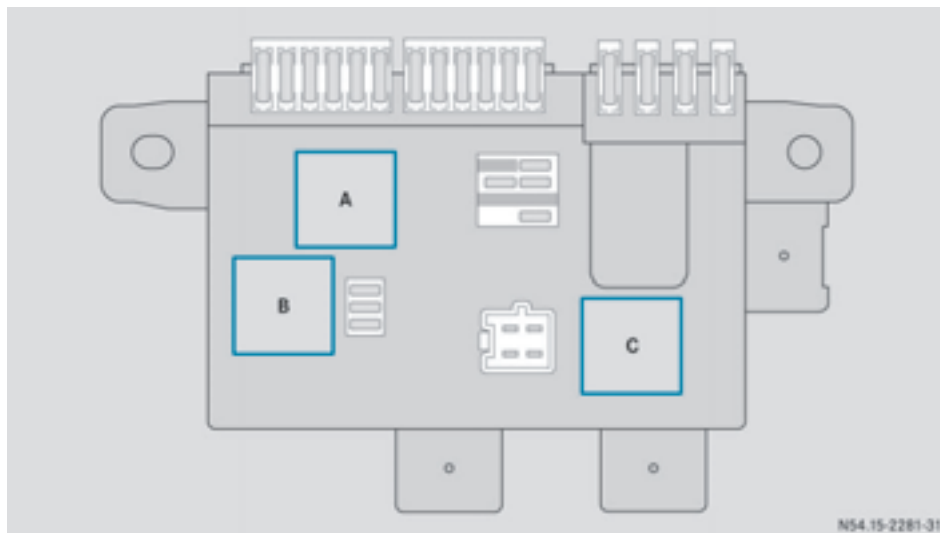
Fuse holders S3 to S6

No.	Consumer	Catch	Fuse rating
S3	Marco Polo charger, charging connection	F300	25 A
S4	Terminal 30 body manufacturer	F321	25 A
	Only for body manufacturer Westfalia		5 A
S5	Unassigned	F302	—
S6	Marco Polo auxiliary heating	F323	25 A

Fuse holder S10

No.	Consumer	Catch	Fuse rating
1	Tachograph	F301	5 A
2	Unassigned	F307	—
3	Tachograph	F315	7.5 A
4	Unassigned	F314	—
5	Terminal 61 body manufacturer	F319	15 A
	Only for body manufacturer Westfalia		5 A
6	Terminal 15 body/equipment manufacturer	F320	15 A
	Only for body manufacturer Westfalia		5 A
7	Marco Polo timer	F322	5 A

Relays



View is rotated through 90°

No.	Operation	Relays
—	Terminal 15 relay	A
—	Unassigned	B
—	Unassigned	C

Fuse box in the rear compartment

Opening/closing

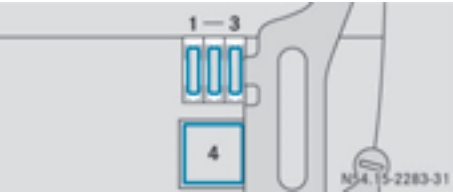
- ❗ Make sure that no moisture can enter the fuse box when the cover is open.
- ❗ When closing the cover, make sure that it is lying correctly on the fuse box. Moisture seeping in or dirt could otherwise impair the operation of the fuses.



- **To open:** open the tailgate.
- Remove vehicle tool kit from the stowage compartment in the rear compartment (see vehicle Operating Instructions).

- ▶ Remove tool holder ① from the side trim panel.
You will see the three fuse holders and the relay carrier.
- ▶ **To close:** insert and engage tool holder ① in the stowage compartment in the rear compartment.
- ▶ Stow away the tools and equipment and insert and engage the stowage compartment cover (see vehicle Operating Instructions).
- ▶ Close the tailgate.

Fuses and relays



Fuse holders and relay carriers behind the tool holder

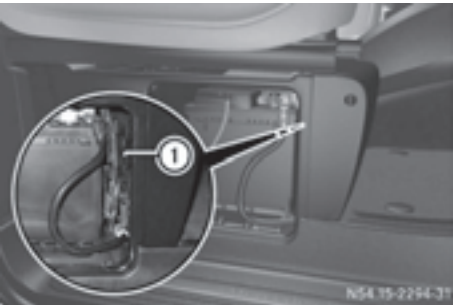
Fuses

No.	Consumer	Catch	Fuse rating
1	12 V socket, first row of seats, left	F352	15 A
2	12 V socket, second row of seats, left	F350	15 A
3	12 V socket, second row of seats, right	F351	15 A

Relays

No.	Operation	Relays
4	12 V sockets in the rear compartment	K127

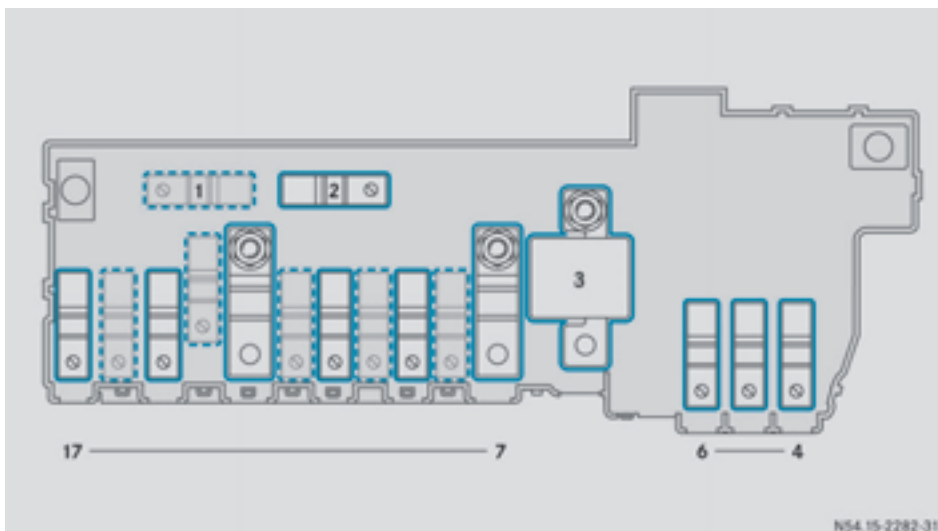
Pre-fuse box



Open battery tray in the seat base of the right-hand front seat

Pre-fuse box ① is located next to the starter battery in the seat base of the right-hand front seat.

Always have the fuses in pre-fuse box ① replaced at a qualified specialist workshop.



The fuses A3, A7, A10, A11, A13 and A16 are on the rear.

No.	Consumer	Catch	Fuse rating
1	Unassigned	A16	—
2	Unassigned	A15	—
3	Starter motor	A1	Pyrofuse
4	Fuse box in the front-passenger's footwell on the A-pillar (PDC-F)	A8	150 A
5	Additional battery	A12	150 A
6	Control unit, pre-glow system	A2	100 A
7	Alternator	E2	350 A
8	Engine radiator fan	A10	100 A
9	Unassigned	A9	—
10	Fuse box in the engine compartment (PDC-E)	A7	150 A
11	Unassigned	A14	—
12	Unassigned	A3	—
13	Fuse box in the front-passenger's footwell (PDC-P)	A6	250 A
14	CBC signal acquisition and actuation module	A13	40 A
15	Unassigned	A5	—

No.	Consumer	Catch	Fuse rating
16	Electric steering	A11	100 A
17	Sockets in the rear compartment	A4	50 A

