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BMW 1-Series (F20/F21; 2012-2017) fuses and relays

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i In this article, we consider the second generation BMW 1-series (F20/F21), produced from 2012 to 2019. Here you will find fuse box diagrams of BMW 1-series 2012, 2013, 2014, 2015, 2016 and 2017 (114i, 116i, 118i, 120i, 125i, 114d, 116d, 118d, 120d, 125d), get information about the location of the fuse panels inside the car, and learn about the assignment of each fuse (fuse layout) and relay.

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Fuse Layout BMW 1-Series 2012-2017



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Fuse box in the engine compartment

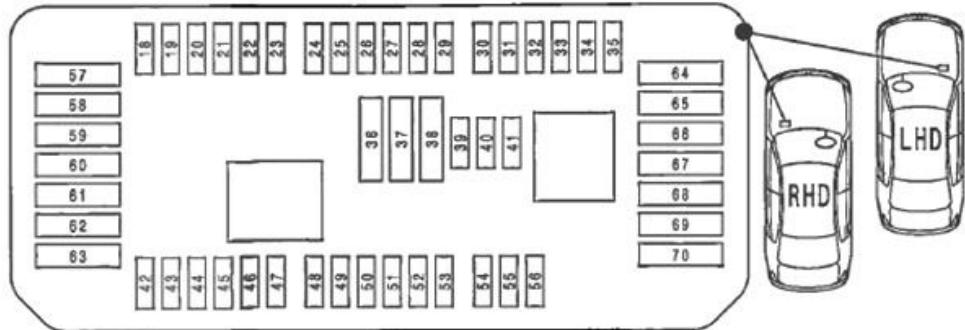
Fuse Box Location

It is located in the right side of the engine compartment (on the left side on the right-hand drive vehicles), under plastic cover.





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No.	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Ampere	15	10	5	5	7,5	10	10	5	5	10	5	5	-	7,5	5	10	10	-	40
No.	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55
Ampere	40	-	-	15	10	5	15	5	5	5	5	5	10	-	5	-	7,5	5	5
No.	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70				
Ampere	5	40	30	-	-	-	30	30	20	20	20	30	30	20	20				

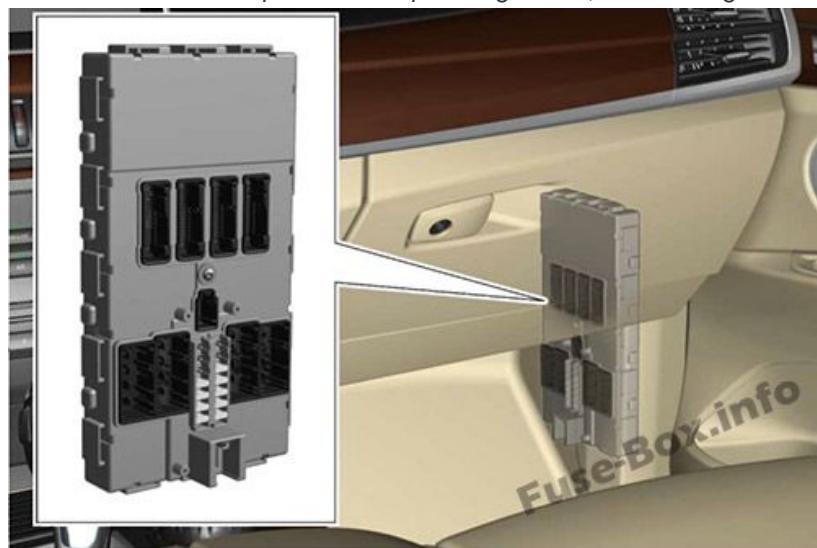
Assignment of the fuses

 Fuse layout may differ! Your exact fuse allocation scheme is located near the fuse box in the luggage compartment.

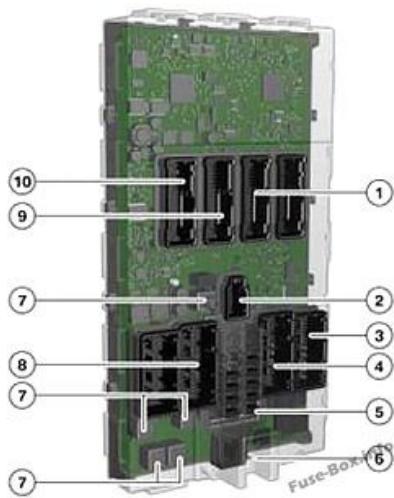
No.	No.	No.	
	25,29,58		23
	48,55,		22,83,84
	113,114,139,140		26,64,65,141,164
	25,31,120,121,123,125,126,128,142,147,154,155,159		19,21,23,36,37,43,46,47,137,144,145,146
			27,31,67,68
			32,34,62,116,117,152
	22		18,28,42,
	124,148,160		56
	24,32,54,63		44,45
	21		82
	40,57,100,161		80
	53,153		
	127		33,41,47,135
	20,28,42,103,104		20,28,42
	20,28,42,146		
	29		50,52,121,155
			85

BDC (Body Domain Controller)

It is located in the front pillar on the passenger side, under the glove box.



Scheme



- 1 – 54-pin connector
- 2 – 12-pin connector
- 3 – 42-pin connector
- 4 – 54-pin connector
- 5 – Fuses
- 6 – Connector (1-pin, positive)
- 7 – Relays
- 8 – 54-pin connector
- 9 – 54-pin connector
- 10 – 54-pin connector

Fuses:

Switching center in the steering column (SZA)
Control panel for driver assistance systems
Lighting control panel
LED headlights
Rear electronic module (REM)
Connector OBDII, IHKA
Electronic block of external door handle
Window lifter
Central locking

Relays:

Electric windows
Central locking
Headlight washers
Starter
Horn
Windshield wiper at 1/2 speed

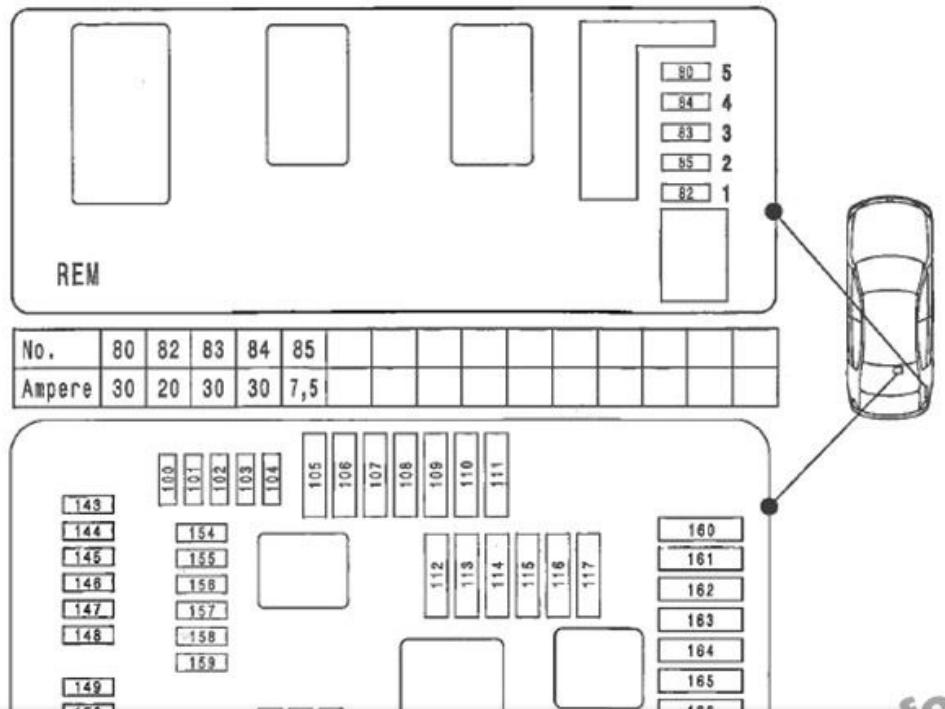
Fuse boxes in the luggage compartment

Fuse Box Location

One unit is located on the right side, behind the sound insulation. The second – in the center, under the lining.



Fuse box diagram



No.	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116
Ampere	15	-	-	5	5	-	40	40	-	-	-	-	-	20	20	-	30
No.	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133
Ampere	30	-	-	5	20	30	40	5	5	10	5	5	-	5	-	5	-
No.	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
Ampere	-	5	-	20	-	20	20	20	30	5	10	15	5	5	5	7,5	5
No.	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	
Ampere	5	5	5	5	15	-	-	-	5	20	20	20	20	20	20	-	

Assignment of the fuses

 Fuse layout may differ! Your exact fuse allocation scheme is located near the fuse box in the luggage compartment.

	No.		No.		No.
	25,29,58		22,104,150,163		23
	48,55,		22,83,84		149,150,151,165
	113,114,139,140		26,64,65,141,164		19,21,23,36,37,43,46,47,137,144,145,146
	25,31,120,121,123,125,126,128,142,147,154,155,159		27,31,67,68		28,62
			32,34,62,116,117,152		
	22		18,28,42,		
	124,148,160		56		
	24,32,54,63		44,45		25,120,121,122,123,125,126,128,142,147,155,159
	21		82		132
	40,57,100,161		80		
	53,153				
	127		33,41,47,135		25,121,125,155
	20,28,42,103,104		20,28,42		107,130,150
	20,28,42,146				120,128
	29		50,52,121,155		85
			56		106,141,143
			56,70		66,69,162

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