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BMW 3 SERIES E36 FUSES AND RELAY DIAGRAMS

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In this guide, we'll explain the location of the fuses and relays in the BMW 3 Series E36 (1990 – 2000).

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In this guide, we will try to figure out where the fuses and relays are located on BMW 3 series E36 generation cars (1990 – 2000).

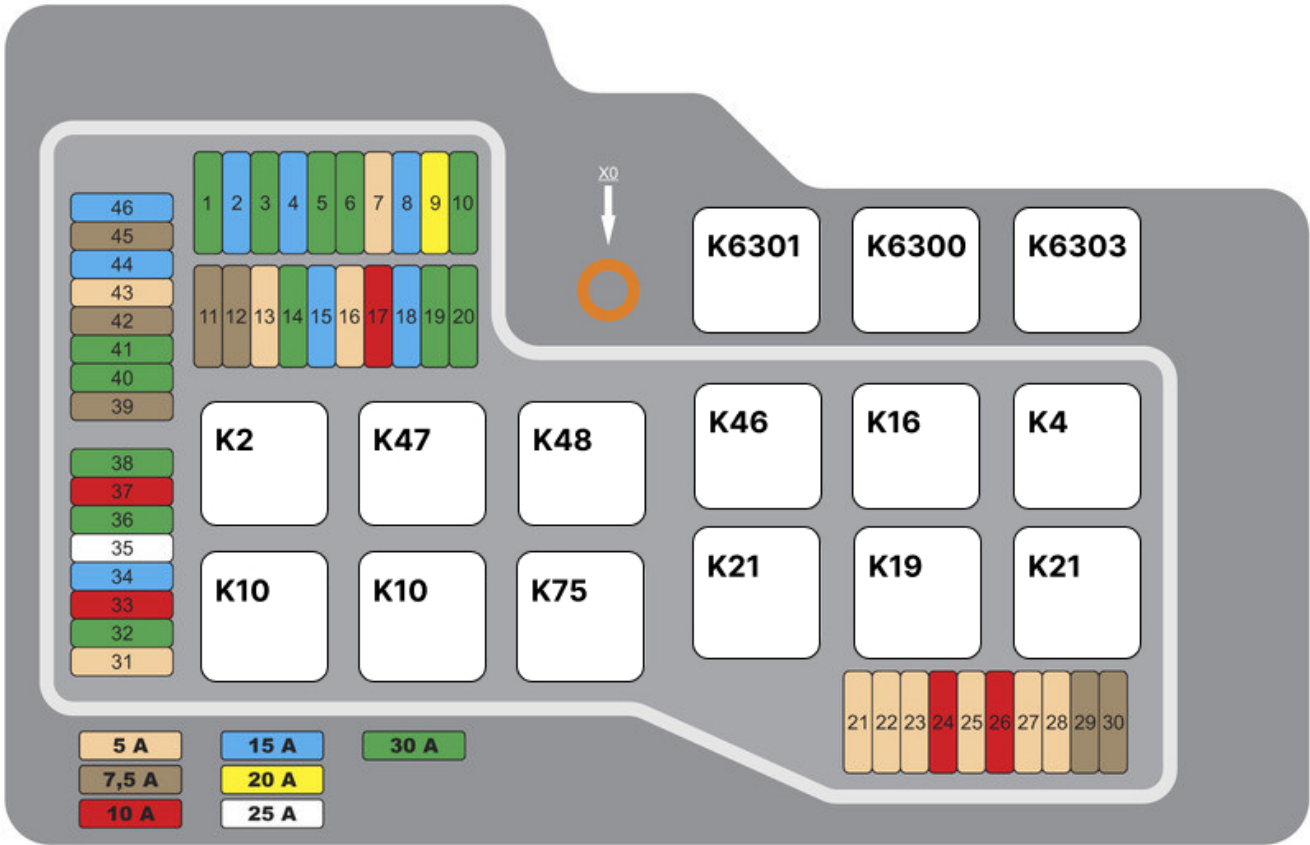
On vehicles with petrol engines, the fuses are located in a fuse box in the rear of the engine compartment, on the left side. The circuits protected by the fuses are indicated on the cover of the unit.

On vehicles with diesel engines, the fuses are located in two boxes, one in the engine compartment and one under the rear seat. The fuses are of the plug-in type, each with its own color and gauge of fusible link. There is also an 80A fuse installed near the battery under the rear seat that protects all circuits powered directly from the battery.



(<https://bmwguide.net/bm-contents/uploads/2023/01/BMW-E36-Fuse-Box-Location.jpg>)

Fuse Box in the Engine Compartment



(<https://bmwguide.net/bm-contents/uploads/2023/01/BMW-E36-Fuses-and-Relays-Box.jpg>)

Relays List

Relay Number	Protected Circuits
K2	Horn relay;
K4	Heating blower relay;
K10	ABS safety relay;
K13	Rear window heater relay;
K16	Relay-interrupter for direction indicators and alarm;
K19	Air conditioning compressor relay;
K21	Relay for the electric drive of the radiator fan (air conditioning) of the 1st stage;
K22	Relay for the electric drive of the radiator fan (air conditioning), 2nd stage;
K46	High beam headlamp relay;
K47	Fog lamp relay;
K48	Low beam headlamp relay;
K75	Pump motor relay ABC;
K6300	Main relay of the Motronic ignition / injection system;
K6301	Fuel pump relay;
K6303	Lambda probe heating relay.

Fuses List

Fuse Number	Amperage	Protected Circuits
F1	30A	Luke
F2	15A	Trailer socket
F3	30A	Headlamp washer / cleaner
F4	15A	Heated seat
F5	30A	Power seat
F6	20A	Heated rear window
F7	5A	Ignition switch heater, central locking, anti-theft system, convertible roof drive
F8	15A	Horn
F9	20A	Audio system

F10	30A	ABS / TCS electronic control unit, active suspension system
F11	7,5A	Headlight – left
F12	7,5A	Headlamp-Right
F13	5A	Power windows – rear (2-door models
F14	30A	Power windows
F15	7.5A	Fog lights – front, instrument cluster
F16	5A	ECM, air conditioning
F17	7,5A	Rear fog lamps
F18	15A	Fuel pump
F19	15A / 30A	Power windows-rear. (4-door models / convertible
F20	10A	Air conditioning / heating system
F21	5A	ABS / TCS electronic control unit, active suspension system
F22	5A	Fog lights
F23	5A	Seat heaters, instrument cluster, clock, trip computer, turn signals, ABS, engine compartment lamp, heater, heated rear window, fog lights, headlamp relay
F24	15A	Heated windscreen washer nozzles, power door mirrors, parking aid
F25	5A	Light switch (headlights / fog lights
F26	10A	Reversing lights, gear selector, oxygen sensor, diagnostic connector, fuel heater
F27	5A	Anti-lock braking system / traction control, instrument cluster, trip computer
F28	5A	ECM, ECM, ECM, cruise control ECM
F29	7.5A	High beam – left headlight
F30	7,5A	High beam – headlamp right
F31	15A	Instrument panel, clock, trip computer, anti-theft system, central locking signal control module, air conditioning system
F32	30A	Cigarette lighter fuse
F33	10A	Lamps / Tails – Left Engine compartment lamp, interior lamps, charging connector, anti-theft system, telephone, door lock heater
F34	30A	Indicator / hazard lamps, shock sensor (anti-theft system
F35	25A	Central locking, retractable roof drive
F36	30A	Windscreen wiper / washer control module
F37	10A	Lamps, front and rear, right

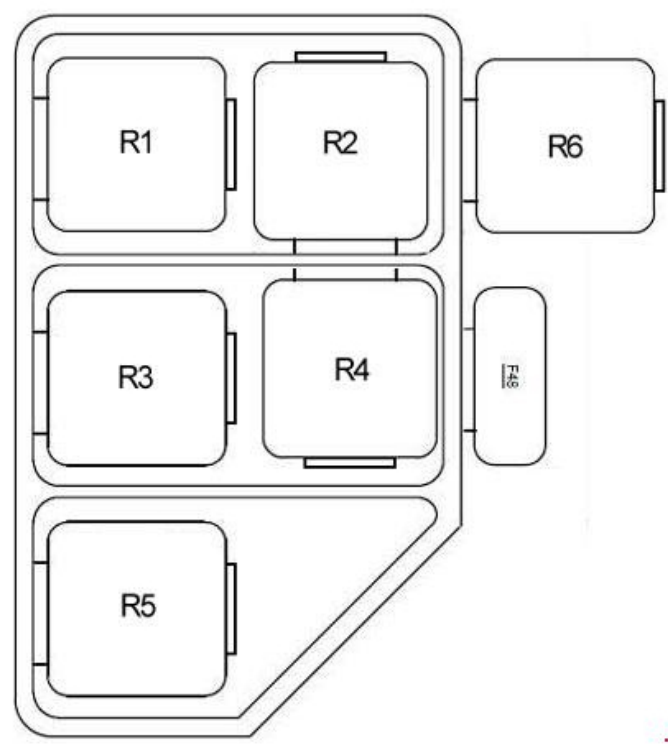
F38	30A	ABS
F39	7,5A	A / C compressor electromagnetic clutch relay
F40	30A	Power seat
F41	30A	A / C condenser blower motor
F42	7.5A	SRS Roll-Over Protection System (Convertible
F43	5A	Interior lamps, anti-theft system, central locking, telephone, convertible roof drive
F44	15A	Windscreen wiper / washer control module, glove compartment lamp, audio system, anti-theft system
F45	7.5A	Trip computer, auxiliary alarm unit
F46	7.5A	Instrument panel, brake lights, cruise control



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Relay Box in the Passenger Compartment

It is located under the dashboard on the left side.



(<https://bmwguide.net/bm-contents/uploads/2023/01/BMW-E36-Fuses-and-Relays-Box-2.jpg>)

Cars, produced before 1996

Relay Number	Protected Circuits
1	Power window / sunroof relay
2	Control unit (in case of emergency)
3	Heater blower motor relay
4	Headlight washer / washer relay
5	Windshield / headlight wiper control unit
6	Window regulator motor relay – rear 2-door models

Cars, produced after 1996

Relay Number	Protected Circuits
1	Power window / sunroof relay
2	Control unit (weld)
3	Heater blower motor relay
7	Fuse 48 (40A), AC – 316i / 318i

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