

Fuses and relays BMW 3 Series (E36, 1990 - 2000)

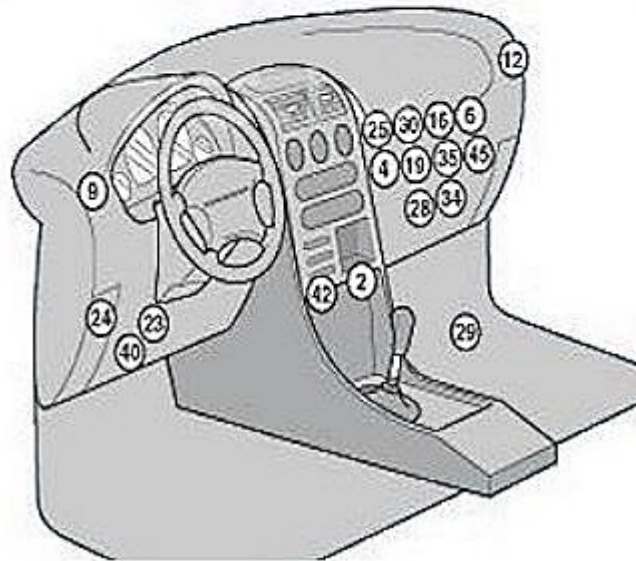
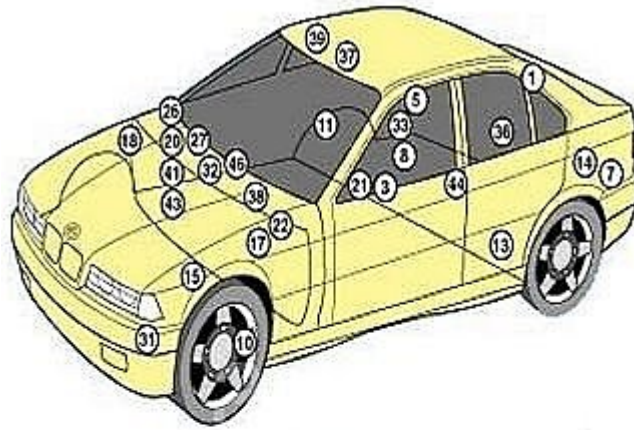
 car-box.info/bmw/3-series/e36-1990-2000.html

The BMW E36 is the third generation of the German automaker's 3-series passenger cars, produced from 1990 to 2000. This generation received an elegant streamlined body and was initially presented as a four-door, in contrast to the mainly two-door second generation. In this article we will understand in detail fuse box diagrams BMW e36 3 series (3rd Gen) 1990, 1991, 1992, 1993, 1993, 1994, 1994, 1995, 1996, 1996, 1997, 1998, 1999, 2000 model years.



Here you will find the locations and photos of the mounting blocks. Also, we will separately mark the fuses responsible for the cigarette lighter and the fuel pump.

All electrical equipment

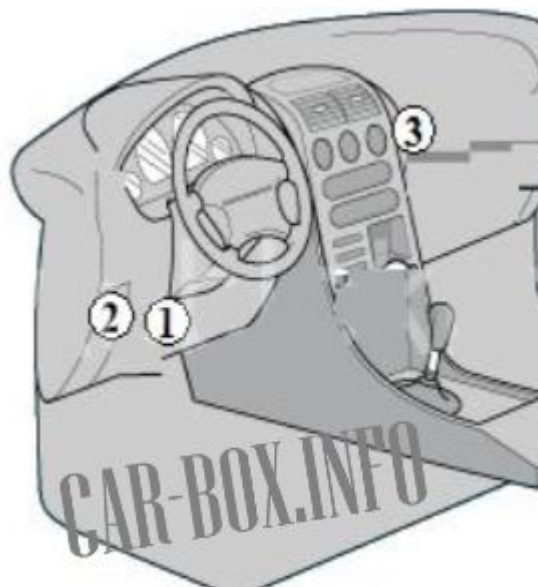


General layout of electronic components in the vehicle.

1. Antenna signal amplifier;
2. Electronic air conditioner control unit;
3. Safety system diagnostic module (SRS);
4. Anti-theft system control module;
5. Vehicle tilt sensor (anti-theft system) ^1996;
6. Vehicle tilt sensor (anti-theft system) ^ 1996^;
- 7, 8. Audio output amplifier;
9. Malfunction indication system auxiliary unit;
10. Left front brake pad wear sensor;
11. Right rear brake pad wear sensor;
12. Central locking control module;
13. Roof folding control module;
14. Electric motor for the folding sunroof actuator;
15. Speed control actuator (cruise control) E/m valve;
16. Speed control module (cruise control);
17. Diagnostic connector (4 cylinders);
18. Diagnostic connector (6 cylinders);
19. Power window control module;
20. Electronic engine control unit;

21. Fuel pump (in the tank);
22. Underhood fuse box;
- 23, 24, 25. Interior relay boxes (#1/#2/#3);
- 26 Glow plug relay;
27. Air conditioner/heater fan motor;
28. Electronic immobilizer control unit;
29. Inertia fuel cut-off switch;
30. Multifunction control unit;
31. Outside air temperature sensor (trip computer);
32. Outside air temperature sensor (air conditioning system);
33. Parking system control module ^1996;
34. Parking control module 1996^;
35. Power steering control module;
36. Safety arc actuator;
37. Safety arc actuator;
38. Seat adjustment control module;
39. Electric sunroof control module;
40. Accelerator pedal position sensor;
41. Electronic transmission control unit;
42. Trip computer;
43. Camshaft timing control module;
44. Vehicle speed sensor;
45. Windshield wiper control module;
46. Windshield wiper electric motor.

In the passenger compartment

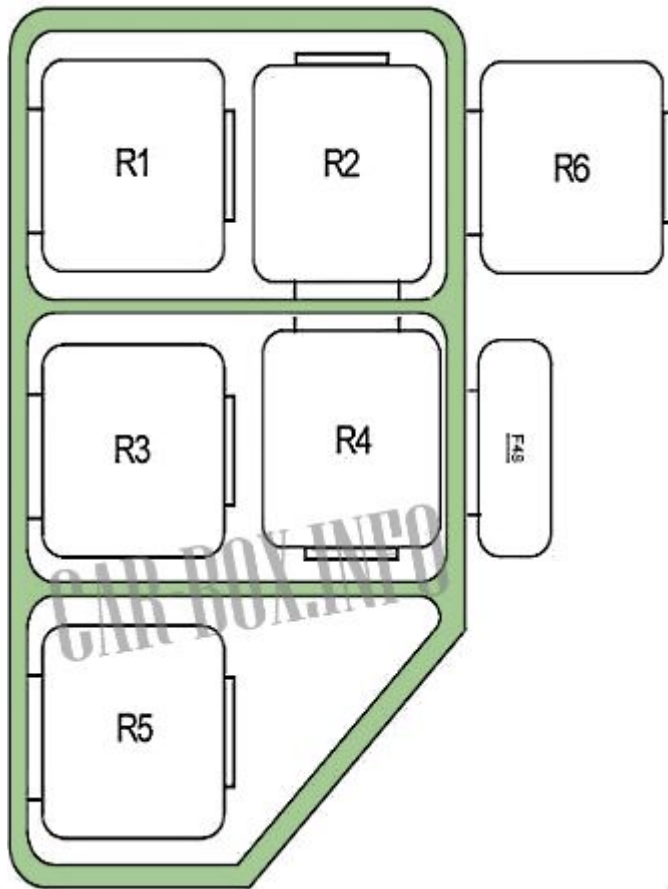


There are three relay module boxes in the dashboard area.

Relay box #1

Diagram.

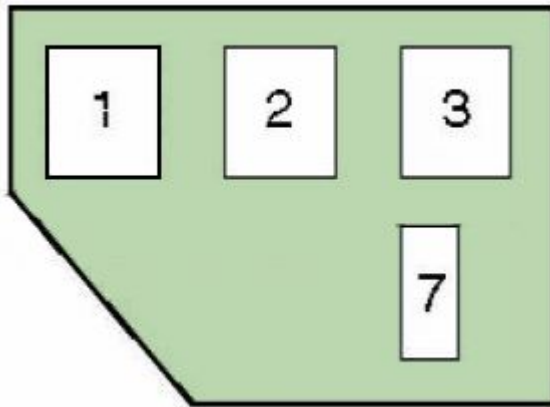
Models before 1996



No.	Decryption
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- | | |
|---|---|
| 1 | Power Window / Sunroof Relay |
| 2 | Control unit (in case of emergency) |
| 3 | Heater fan motor relay |
| 4 | headlight cleaner/washer |
| 5 | Windshield / headlight wiper control unit |
| 6 | Power Window Motor Relay - Rear 2-door models |
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Models after 1996



No.	Purpose
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1	power windows / sunroof
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2	Control unit
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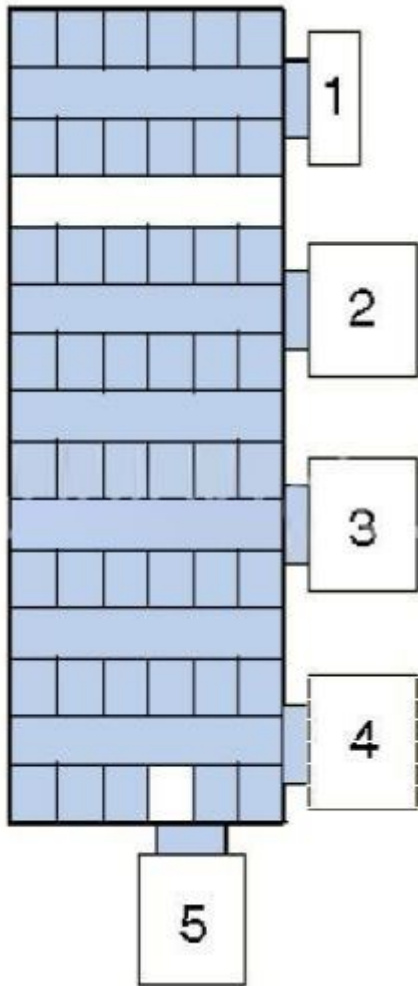
3	heater fan motor
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7	Fuse 48 (40A), AC - 316i/318i
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Relay box #2

Diagram.

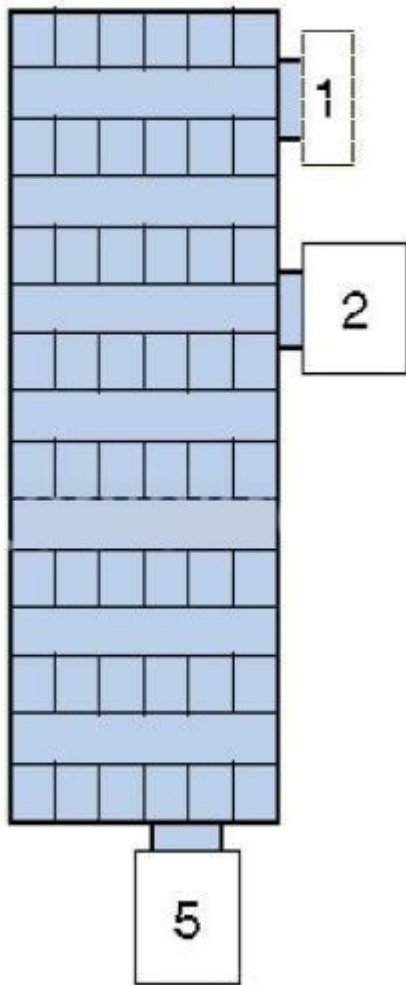
Models before 1996



No. Decryption

- | | |
|---|-----------------------------------|
| 1 | Fuse 47 (15A) - anti-theft system |
| 2 | Starter relay |
| 3 | Windshield wiper motor relay 2 |
| 4 | Windshield wiper motor relay 1 |
| 5 | starter |

Models after 1996



No.	Purpose
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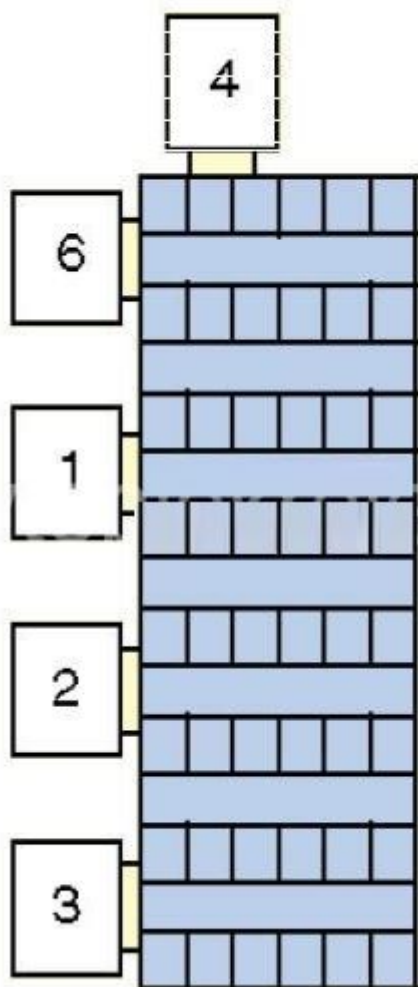
1	Fuse 47 - anti-theft system 15A
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2	seat heating
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5	power window motor
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Relay box #3

Diagram.



No. Decryption

1 Relay 1 of front/rear position lamps

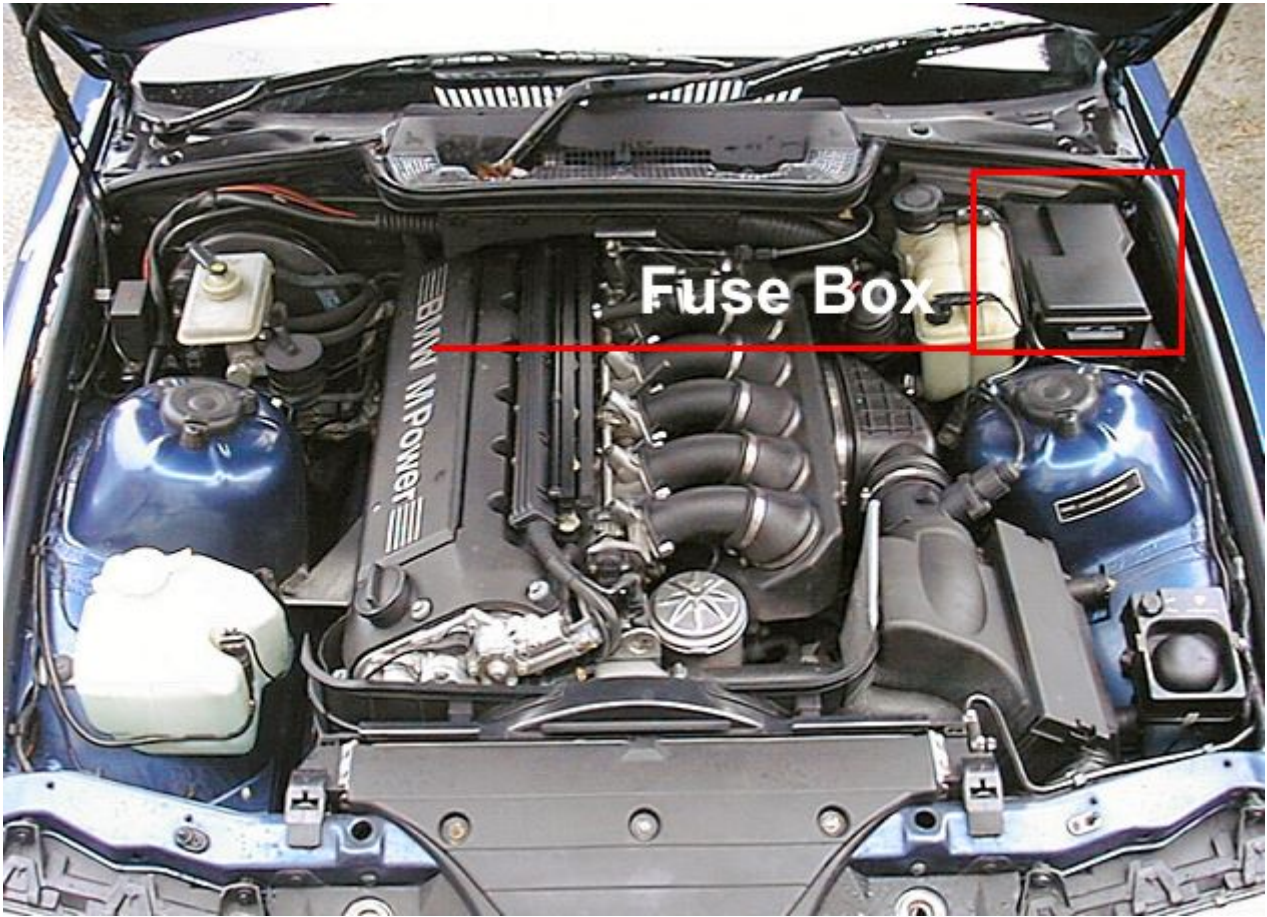
2 Door lock heater timer relay

3 Heater ventilation relay

4 Anti-theft relay

6 Relay 2 front/rear position lamps

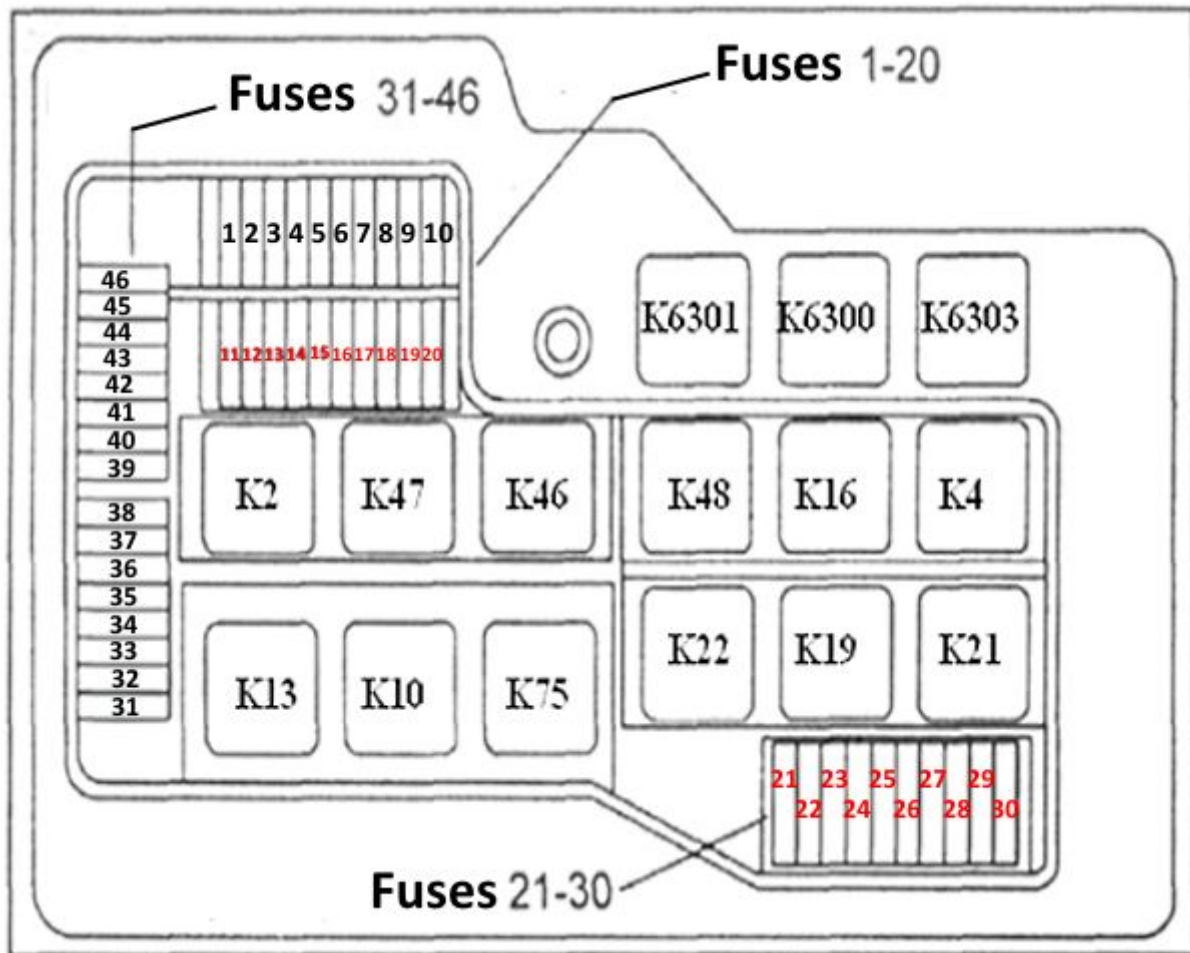
In the engine compartment



The unit is located on the right side of the engine compartment under a plastic cover.

Diagram

Diagram



No.	Relay assignment
K2	horn (beep) relay
K4	heating blower;
K10	ABS safety relay;
K13	rear window heater;
K16	relay interrupter for direction indicators and emergency signaling;
K19	air conditioning compressor;
K21	electric radiator fan drive (climate control unit) 1st stage;
K22	electric radiator fan drive (climate control unit) 2nd stage;
K46	high beam headlights;
K47	fog lights;
K48	dipped headlights

Diagram

K75 ABC pump motor;

K6300 main relay of the Motronic ignition / injection system;

K6301 **fuel pump relay;**

K6303 heating lambda probe.

No.	Fuse decoding	A
1	Sunroof	30
2	Trailer electrical connector	15
3	Washer / headlight cleaner	30
4	seat heater	15
5	Power seat	30
6	Rear window heater	20
7	Ignition lock heater, central locking, anti-theft system, folding roof drive	5
8	Horn (beep)	15
9	Audio system	20
10	ABS/TCS electronic control unit, active suspension system	30
11	Headlight - left	7.5
12	Headlight - right	7.5
13	power window drive - rear. (2-door models)	5
14	Power windows	30
15	Fog lights - front, instrument cluster	7.5
16	Engine control unit, air conditioning	five
17	Rear fog lights	7.5
18	BMW E36 Fuel pump fuse	15
19	Power windows-rear. (4-door models/convertible)	15/30
20	Air conditioning / heating system	10
21	ABS/TCS electronic control unit, active suspension system	5
22	Fog lights	5

Diagram

23	Seat warmers, instrument cluster, clock, trip computer, direction indicators, ABS system, engine compartment light, heater, rear window heater, fog lights, headlight relay	5
24	Windshield washer nozzle heaters, power door mirrors, parking system	15
25	Light Switch (Headlights/Fog Lights)	5
26	Reverse lights, transmission selector, oxygen sensor, diagnostic connector, fuel heater	10
27	Anti-lock brakes / traction control, instrument cluster, trip computer	5
28	Electronic engine control unit, electronic traction control unit, electronic traction control unit, speed maintenance control unit	5
29	High Beam - Left Headlight	7.5
30	High beam - right headlight	7.5
31	Instrument cluster, clock, trip computer, anti-theft system, central locking signal control unit, air conditioning system	15
32	BMW e36 cigarette lighter fuse	30
33	Front/rear parking lights-left. Engine compartment light bulb, interior lamps, charging connector, anti-theft system, telephone, door lock heater	10
34	Turn signal / emergency signaling lamps, shock sensor (anti-theft system), anti-theft system	30
35	Central locking, folding roof drive	25
36	Windshield wiper/washer control unit	30
37	Front and rear parking lights - right-hand side	10
38	ABS system	30
39	Air conditioner compressor solenoid clutch relay	7.5
40	Power seat	30
41	AC condenser fan motor	30
42	SRS, rollover protection system (convertible)	7.5
43	Interior lamps, anti-theft system, central locking, telephone, folding roof drive	5
44	Windshield wiper/washer control unit, duffel box illumination lamp, audio system, anti-theft system	15

Diagram

45	Route computer, auxiliary signaling unit	7.5
46	Instrument cluster, brake lights, cruise control	7.5
