

610 Electrical Component Locations

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GENERAL

This repair group covers fuse, relay and control module location information. Electrical equipment and accessories installed varies depending on model and model year. To confirm that the proper electrical component has been identified, refer to **Electrical Wiring Diagrams**.

WARNING—

Airbag units are explosive devices and must be handled with extreme care. Before starting any work on electrical systems, refer to the warnings and cautions in 721 Airbag System (SRS).

CAUTION—

- Relay and fuse positions are subject to change and may vary from car to car. If questions arise, an authorized BMW dealer is the best source for the most accurate and up-to-date information.
- A good way to verify a relay position is to compare the wiring colors at the relay socket to the colors indicated on the wiring diagrams located at the rear of this manual.
- Always switch the ignition off and remove the negative (–) battery cable before removing any electrical components.
- Prior to disconnecting the battery, read the battery disconnection cautions given at the front of this manual on page viii.
- Connect and disconnect ignition system wires, multiple connectors, and ignition test equipment leads only while the ignition is switched off.
- Only use a digital multimeter for electrical tests.

610-2 ELECTRICAL COMPONENT LOCATIONS

FUSES, RELAYS AND CONTROL MODULES

The fuses, relays and control modules are located in four main locations throughout the vehicle (five locations in the 750iL): the front power distribution box, the rear power distribution box, the auxiliary relay panel(s) and the electronics box (E-box). Refer to the component location photos and tables in this repair group for electrical component locations.

Fuse Positions

CAUTION—

- Replace fuses with those of the same rating. Installing a fuse with higher rating can lead to circuit failure and may also start a fire.
- Relay/fuse positions vary by model and equipment.

Fuses no. 1-29 and no. 60-63 are mounted in the front power distribution box. Additional fuse locations include the rear power distribution box (Fuses 30-33, 40-43, and 48-51), and in auxiliary relay panel I (Fuses 34-37).

Comprehensive lists of fuse positions for all years and models are given in **Table c** through **Table i**.

Relays and Control Modules

For a quick reference to the location of the relays and control modules, refer to **Table a**.

A comprehensive list of electrical components and their positions is given in **Table b**.

The last column of either table refers to photos or line art in this section which illustrates the component.

Table a. E32 Relays and Control Modules (Quick Reference)

Component	Model Year	Location	Reference Figure
A/C Compressor Clutch Relay	1988-1991	Left footwell	61-25
A/C Compressor Clutch Relay	1992 - 1994	Front power distribution box	610-1
A/C Control Relay	1988 - 1994	Auxiliary relay panel I	610-8
ABS Electronic Control Unit	1988 - 1994	E-box	610-6, 610-7
ABS Overvoltage Protection Relay	1988 - 1994	Front power distribution box	610-1
ABS/Traction Control Unit	1988 - 1994	E-box	610-6, 610-7
Anti-Theft Control Module (DWA)	1988 - 1994	Ahead of rear power distribution box, mounted to the seat support by 2 screws	
Blower Motor Relay	1988 - 1994	Front power distribution box	610-1
Check Control Module	1988 - 1994	Front power distribution box	610-1
Chime Control Module	1988 - 1994	Mounted to lower left dash panel	

FUSES, RELAYS AND CONTROL MODULES

ELECTRICAL COMPONENT LOCATIONS 610-3

Table a. E32 Relays and Control Modules (Quick Reference)

Component	Model Year	Location	Reference Figure
Crash Control Module	1988 - 1994	Front power distribution box	610-1
Defogger/Auxiliary Coolant Pump Relay	1988 - 1994	Front power distribution box	610-1
Electric Power Protection Relay	1988 - 1994	Rear power distribution box	610-2, 610-3, 610-4, 610-5
Electronic Transmission Control Module (AEGS)	1988 - 1994	Behind right kick panel	
EML Control Module	1988 - 1994	E-box	610-7
Engine Control Module(s) (DME)	1988 - 1994	E-box	610-6, 610-7
Flasher Relay	1988 - 1994	Front power distribution box	610-1
Fuel Pump Relay	1988 - 1994	735 i / iL / 740 i / iL - E-box	610-6
Fuel Pump Relays	1988 - 1994	750 iL - auxiliary relay panel II	610-9
General Module (ZKE)	1988 - 1994	Rear power distribution box	610-2, 610-3, 610-4, 610-5
Headlight/Foglight Washer Control Module (SRA)	1988 - 1994	Auxiliary relay panel I	610-8
High Speed Fan Relay	1988 - 1994	Auxiliary relay panel I	610-8
Horn Relay	1988 - 1994	Front power distribution box	610-1
Infrared Locking Control Unit	1988 - 1994	Rear power distribution box	610-3 610-4
Lamp Control Module	1988 - 1994	Front power distribution box	610-1
Left Rear Seat Heating/Position Relay	1988 - 1994	Rear power distribution box	610-3, 610-4, 610-5
Main DME Relay	1988 - 1994	735 i / iL / 740 i / iL - E-box	610-6
Main DME Relays	1988 - 1994	750 iL - auxiliary relay panel II	610-9
Normal Speed Fan Relay	1988 - 1994	Auxiliary relay panel I	610-8
Parking Light Relay	1988 - 1991	Front power distribution box	610-1
Rear Defogger Relay	1988 - 1994	Rear power distribution box	610-2, 610-3, 610-4, 610-5
Rear Headrest Control Module	1988 - 1994	Rear power distribution box	610-3, 610-4, 610-5
Relay Module	1988 - 1994	Rear power distribution box	610-2, 610-3, 610-4, 610-5
Right Rear Seat Heating/Position Relay	1988 - 1994	Rear power distribution box	610-3, 610-4, 610-5
Starter Relay	1988 - 1994	Front power distribution box	610-1
Luggage Compartment Lid Relay	1988 - 1994	In luggage compartment lid, near lock assembly	
Unloader Relay, KL15	1988 - 1994	Front power distribution box	610-1
Unloader Relay, KL61	1988 - 1994	Front power distribution box	610-1
Unloader Relay, KLR	1988 - 1994	Front power distribution box	610-1
Windshield Washer Pump Relay	1988 - 1994	Front power distribution box	610-1

610-4 ELECTRICAL COMPONENT LOCATIONS

Front Power Distribution Box

The front power distribution box is mounted in the left rear corner of the engine compartment.



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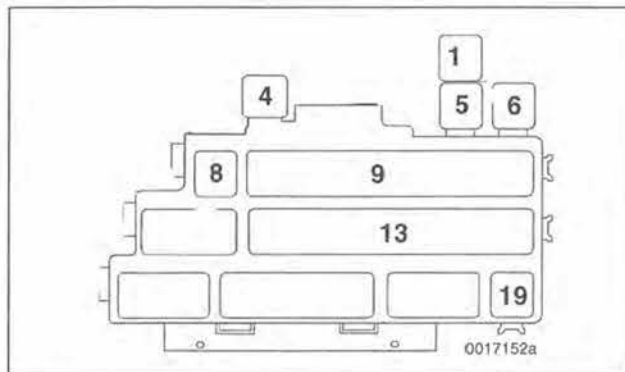
610-1 Front power distribution box

1. Fuses (#1-29)
2. Unloader relay (terminal 61)
3. Unloader relay (terminal 15)
4. Blower motor relay
5. Front defogger/auxiliary coolant pump relay
6. Unloader relay (terminal R)
7. Parking light relay (1988-1991)
A/C compressor clutch relay (1992-1994)
8. OBC horn relay (1988-1990)
Starter relay (late)
9. ABS overvoltage protection relay (750iL)
10. Starter relay-A/T (early)
Fuses #60-63 (late)
11. Windshield washer pump relay (1988-1990)
OBC horn relay (1991-1994)
12. Crash control module
13. Lamp control module
14. Flasher relay
15. Check control module

Rear Power Distribution Box

The rear power distribution box is located beneath the left rear seat cushion and houses auxiliary fuses, relays, and control modules.

To access the components in the rear power distribution box, remove the rear seat cushion as described in **520 Seats**. Then remove three retaining screws from the power distribution box top cover and unclip the cover.

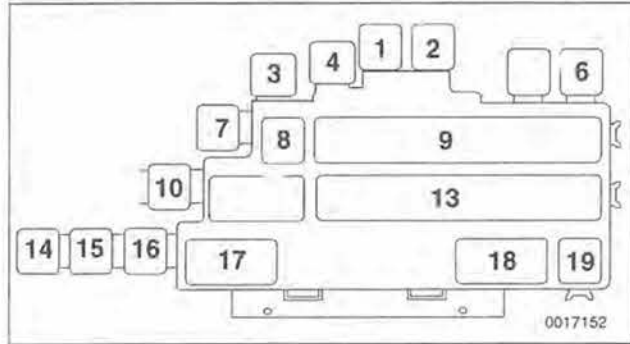


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610-2 Rear power distribution box to 3/1988

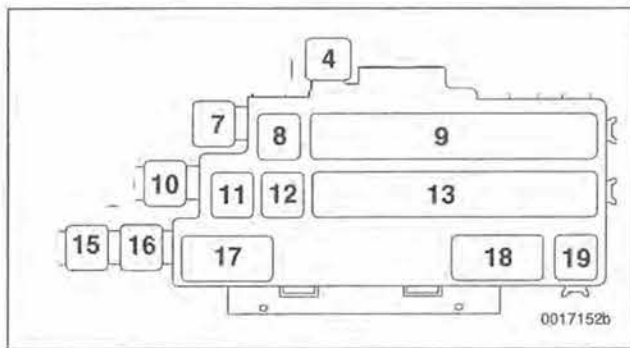
1. Electric power protection relay
4. Windshield wiper relay
5. Rear defogger relay
6. Wiper pressure control module (ADV)
8. Fuses (#44-37)
9. Relay module
13. General module (ZKE)
19. Fuses (#40-43)

ELECTRICAL COMPONENT LOCATIONS 610-5



610-3 Rear power distribution box 3/1988-1990

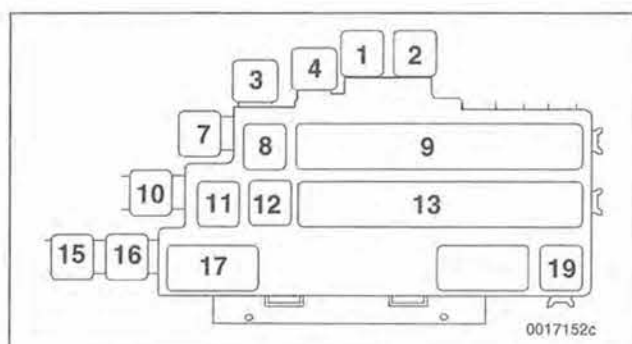
1. Left rear seat heating/position relay (iL models)
2. Right rear seat heating/position relay (iL models)
3. open
4. Fuses (#48-51) (1989-1990)
5. Not used
6. Wiper pressure control module (ADV) (1988-1989)
7. Fuses (#30-33)
8. Fuses (#44-47)
9. Relay module
10. Rear defogger relay (1988-1989)
11. Not used
12. Not used
13. General module (ZKE)
14. Rear seat heating relay (1988)
15. Windshield wiper relay
16. Electric power protection relay
17. Rear headrest control unit (iL models only)
18. Infrared locking control module
19. Fuses (#40-43)



610-4 Rear power distribution box 1991

1. Not used
2. Not used
3. Not used
4. Fuses (#48-51)
5. Not used
6. Not used
7. Fuses (#30-33)
8. Fuses (#44-47)
9. Relay module
10. Fuses (#40-43)
11. Windshield wiper relay
12. Electric power protection relay
13. General module (ZKE)
14. Not used
15. Left rear seat heating/position relay (iL models)
16. Right rear seat heating/position relay (iL models)
Rear seat heating relay (w/o rear power seats)
17. Rear headrest control unit (iL models only)
18. Infrared locking module
19. Rear defogger relay

610-6 ELECTRICAL COMPONENT LOCATIONS



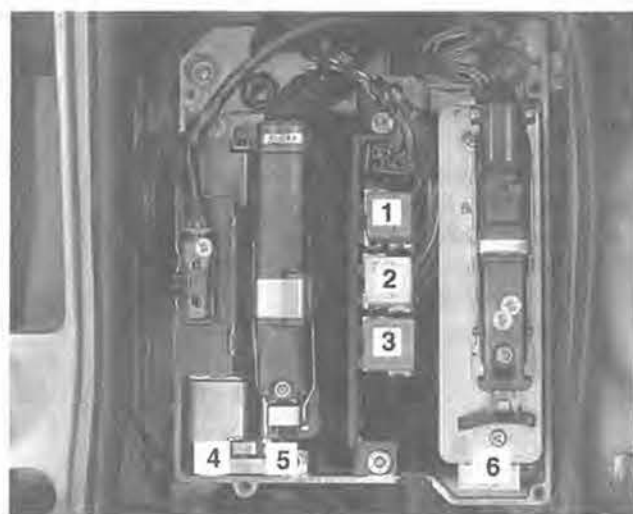
610-5 Rear power distribution box 1992-1994

1. Left rear seat heating/position relay (1992)
Rear seat heating relay (w/o rear power seat) (1993-1994)
2. Right rear seat heating/position relay (1992)
3. Fuses (#56-59)
4. Fuses (#48-51)
5. Not used
6. Not used
7. Fuses (#44-47)
8. Fuses (#40-43)
9. Relay module
10. Fuses (#30-33)
11. Windshield wiper relay
12. Electric power protection relay
13. General module (ZKE)
14. Not used
15. Right rear seat heating/position relay (1993-1994)
Rear seat heating relay (1992 w/o rear power seats)
16. Left rear seat heating/position relay (1993-1994)
17. Rear headrest control module
18. Not used
19. Rear defogger relay

Electronics Box (E-box)

The electronics box (E-box) is located in the right rear corner of the engine compartment. The cover is held in place with captive screws. The E-box is cooled by a two-speed electric fan. The fan runs on low speed when the engine is running. If the temperature in the box exceeds 44°C (111°F), the fan will run on high speed.

610-6 E-box 735i/iL and 740i/iL



1. Main DME relay
2. Fuel pump relay
3. Oxygen sensor heater relay (not used on all models)
4. Cruise control module (exc. models with EML)
5. DME control module
6. ABS/traction control module

CAUTION—

• Relay positions are subject to change and may vary from car to car. If questions arise, an authorized BMW dealer is the best source for the most accurate and up-to-date information.

• A good way to verify a relay position is to compare the wiring colors at the relay socket to the colors indicated on the applicable wiring diagram.

ELECTRICAL COMPONENT LOCATIONS 610-7



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610-7 E-box 750iL

1. ABS/traction control module
2. DME control module II
3. EML control module
4. DME control module I
5. Hood microswitch

Auxiliary Relay Panels I and II

The auxiliary relay panel I is mounted on the left side of the engine compartment ahead of the left strut tower. It houses various relays and, on later models, a limited number of fuses.



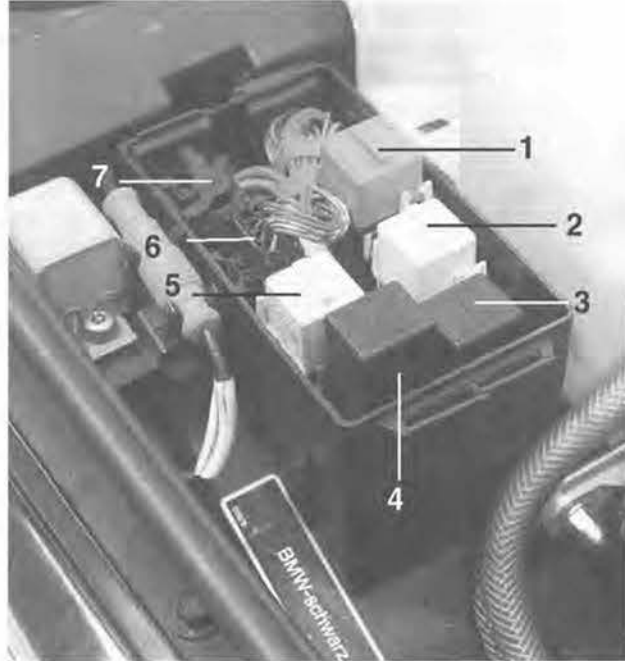
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610-8 Auxiliary relay panel I

1. Headlight/foglight cleaning system module
2. High speed fan relay
3. Normal speed fan relay
4. A/C control relay
5. Fuses (#34-37)
6. SRS crash sensor, left

610-8 ELECTRICAL COMPONENT LOCATIONS

Auxiliary relay panel II (used only on the 750iL) is mounted on the right side of the engine compartment just ahead of the right strut tower.



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610-9 Auxiliary relay panel II, 750iL only

1. Oxygen sensor heater relay
2. Main DME relay I (cyl. 1-6)
3. Fuel pump relay I (cyl. 1-6)
4. Fuel pump relay II (cyl. 7-12)
5. Main DME relay II (cyl. 7-12)
6. Harness connector (8 pin)
7. Positive jumper post (B+)

COMPONENT LOCATIONS

Table b lists electrical components and their locations on E32 cars. Numbers in the **Reference figure** column refer to photos or illustrations in this group.

Table b. E32 Component Locations

Component	Model Year	Location	Reference Figure
A/C Compressor Clutch	1988 - 1994	All - front of A/C compressor	
A/C Compressor Clutch Relay	1988 - 1991	All - by driver's footrest, behind speaker	610-25
A/C Compressor Clutch Relay	1992 - 1994	All - in front power distribution box	610-1
A/C Evaporator Temperature Sensor	1998 - 1994	All - left side of dash, on lower left side of heater box	
A/C High Pressure Switch	1988 - 1994	All - behind and below right headlight	
A/C Low Pressure Switch	1988 - 1994	All - lower right front, beside radiator	
A/C Medium Pressure Switch	1988 - 1994	All - lower right front, beside radiator	
A/C Relay	1992 - 1994	All - auxiliary relay panel I	610-8
ABS Hydraulic Unit	1988 - 1994	735 i / iL / 740 i / iL - next to left front strut tower	
ABS Hydraulic Unit	1988 - 1994	750 iL - below left headlight	
ABS Overvoltage Protection Relay	1988 - 1994	740 i / iL / 750 iL - front power distribution box	610-1
ABS Pulse Sensor, Front Wheel	1988 - 1994	All - front steering arm	
ABS Pulse Sensor, Rear Wheel	1988 - 1994	All - rear trailing arm	610-30
ABS/Traction Control Module	1988 - 1994	All - in E-box	610-6, 610-7

COMPONENT LOCATIONS

ELECTRICAL COMPONENT LOCATIONS 610-9

Table b. E32 Component Locations

Component	Model Year	Location	Reference Figure
Acceleration Sensor (EDC III), Front	1990 - 1994	All - right front wheel well under a cover	
Acceleration Sensor (EDC III), Longitudinal	1990 - 1994	All - next to battery, under right rear seat	
Acceleration Sensor (EDC III), Rear	1990 - 1994	All - right side of luggage compartment near wheel well	
ADS Throttle Housing	1993 - 1994	740 i / iL - front center of engine	
ADS Throttle Position Actuator	1993 - 1994	740 i / iL - front left of engine compartment, below brake vacuum booster	
ADS Throttle Switch	1993 - 1994	740 i / iL - front center of engine, on ADS throttle housing	
AECS	1988 - 1994	See electronic transmission control module (AECS)	
Air Circulation Flap Motor	1988 - 1994	See fresh air distribution motor	
Air Flow Meter	1988 - 1992	735 i / iL - see volume air flow sensor	
Air Mass Meter	1988 - 1994	740 i / iL / 750 iL - see mass air flow sensor	
Airbag Contact Slip Ring	1988 - 1994	All - rear of steering wheel	
Airbag Control Module (SRS)	1988 - 1994	All - under left side of dash	610-26
Airbag Crash Sensor	1988 - 1994	All - on right/left front strut towers	
Airbag, Driver's	1988 - 1994	All - center of steering wheel	
Airbag, Passenger	1988 - 1994	All - right front of dash above glove compartment	
Alternator	1988 - 1994	All - lower left front of engine	
Amplifier, Radio	1988 - 1994	All - luggage compartment under rear window shelf on right side	610-28
Antenna Amplifier AM/FM	1988 - 1994	All - left C pillar	
Antenna Diversity	1988 - 1994	All - left C pillar	
Anti-Slip Control Module	1988 - 1994	See ABS/traction control module	
Anti-Theft Control Module (DWA)	1988 - 1994	All - below left side of rear seat, ahead of rear power distribution box, mounted to seat bulkhead with two screws	
Anti-Theft Horn (DWA)	1988 - 1994	All - below right fresh air cowl	
ASC Switch	1988 - 1994	All - center of dash, near shifter	
ASC+T Hydraulic Control Unit	1983 - 1994	740 i / iL - at left rear of engine compartment at rear bulkhead	
ASC+T Hydraulic Control Unit	1988 - 1994	750 iL - below hydraulic brake booster at engine compartment rear bulkhead	
ASC/ASC+T Control Module	1988 - 1994	See ABS/traction control module	
Audible Turn Signal Relay	1988 - 1990	All - under right side of steering column	
Automatic Air Recirculation Control Module	1993-1994	All - behind driver's footwell panel, behind speaker	
Automatic Air Recirculation Sensor	1993 - 1994	In center console	
Automatic Heating and Air Conditioning (IHKA) Control Module	1988 - 1994	All - between front footwells, ahead of heater box	610-24
Automatic Transmission Back-up Light Switch	1988 - 1994	See back-up light switch, automatic transmission	
Automatic Transmission Control Module	1988 - 1994	See electronic transmission control module (AECS)	
Automatic Transmission Range Switch	1988 - 1994	All - see gear position/start disable switch	
Auxiliary Coolant Pump Relay	1988 - 1994	All - in front power distribution box	610-1
Auxiliary Cooling Fan Motor	1988 - 1994	All - center front of engine compartment, behind bumper	610-27
Auxiliary Relay Panel I	1988 - 1994	All - left side of engine compartment, ahead of strut tower	610-8
Auxiliary Relay Panel II	1988 - 1994	750 iL - right side of engine compartment, ahead of strut tower	610-9
Auxiliary Throttle Position Motor (ADS)	1993 - 1994	See ADS throttle position actuator	
B+ Jumper Post	1988 - 1994	See jumper post (B+)	

COMPONENT LOCATIONS

610-10 ELECTRICAL COMPONENT LOCATIONS

Table b. E32 Component Locations

Component	Model Year	Location	Reference Figure
Back-up Light Switch, Automatic Transmission	1988 - 1994	All - on gear position/start disable switch	
Back-up Light Switch, Manual Transmission	1988 - 1992	735 i / iL - top right side of transmission	
Battery	1988 - 1994	All - under right rear seat cushion	
Blinker Relay	1988 - 1994	See flasher relay	
Blower Final Stage Unit ("Sword")	1988 - 1994	All - left side of right footwell in heater box	
Blower Motor	1988 - 1994	All - below center of cowl, behind coolant expansion tank	
Blower Motor Relay	1988 - 1994	All - front power distribution box	610-1
Booster/Amplifier	1988 - 1994	All - upper right corner of luggage compartment	610-28
Brake Fluid Level Sensor	1988 - 1994	735 i / iL / 750 iL - left rear of engine compartment, on top of brake fluid reservoir	610-11
Brake Fluid Level Sensor	1993 - 1994	740 i / iL - left front of engine compartment, on top of brake fluid reservoir	610-17, 610-18
Brake Hydraulic Boost Regulating Switches	1988 - 1994	735 i / iL / 750 iL - left side of engine compartment, right of strut tower, on hydraulic power flow regulator	
Brake Light Switch	1988 - 1994	All - under left side of dash, on brake pedal	610-26
Brake Pad Sensor, Left Front Wheel	1988 - 1994	All - left front wheel on inside brake pad	
Brake Pad Sensor, Right Rear Wheel	1988 - 1994	All - right rear wheel on inside brake pad	610-30
Camshaft Position Sensor	1988 - 1994	740 i / iL / 750 iL - right front of engine	
CD Changer	1991 - 1994	All - luggage compartment	610-28
Central Body Electronics	1988 - 1994	See general module (ZKE)	
Central Locking Module	1988 - 1994	See general module (ZKE)	
Charging Plug	1988 - 1994	All - on left side of glove compartment	
Check Control Module	1988 - 1994	All - front power distribution box	610-1
Chime Module	1988 - 1994	All - behind left side of dashboard, mounted in sound insulation panel	
Clutch Pedal Switch	1988 - 1991	All - under left side of dash, left of brake pedal	
Coding Plug (Odometer)	1988 Early	735 i / iL - connector at rear of instrument cluster	
Combination Switch	1991 - 1994	All - top of steering column	
Compressor Clutch Control Relay	1988 - 1991	See A/C compressor clutch relay	
Compressor Clutch, A/C	1988 - 1994	All - right front of engine	
Compressor, A/C	1988 - 1994	All - right front of engine	
Contact Ring (SRS)	1988 - 1994	All - on steering wheel base, in front of airbag	
Coolant Level Sensor	1988 - 1994	All - top of coolant reservoir	610-21, 610-17
Coolant Temperature Sensor	1988 - 1992	735 i / iL - on coolant inlet, near valve cover (DME & temperature gauge)	610-10
Coolant Temperature Sensor	1993 - 1994	740 i / iL - right rear of engine, in coolant manifold	
Coolant Temperature Sensor	1988 - 1994	750 iL - right rear of engine, in coolant manifold	
Cooling Fan Dual Switch	1988 - 1994	All - right side of radiator	
Cooling Fan Motor	1988 - 1994	All - behind front grill	
Cooling Fan Relays	1988 - 1994	All - in auxiliary relay panel I	610-8
Crankshaft Position/RPM Sensor	1988 - 1994	735 i / iL / 740 i / iL - front of engine at vibration damper	
Crankshaft Position/RPM Sensor 1 - 6	1988 - 1994	750 iL - lower left center front of engine	

COMPONENT LOCATIONS

ELECTRICAL COMPONENT LOCATIONS 610-11

Table b. E32 Component Locations

Component	Model Year	Location	Reference Figure
Crankshaft Position/RPM Sensor 7 - 12	1988 - 1994	750 iL - center front of engine near top radiator hose inlet	
Crash Control Module	1988 - 1994	All - front power distribution box	610-1
Crash Sensor, Left Front	1988 - 1994	All - ahead of left front strut tower	610-19
Crash Sensor, Right Front	1988 - 1994	All - ahead of right front strut tower	610-20
Cruise Control Module (Tempomat)	1993 - 1994	All - behind footwell side panel, behind speaker	
Cylinder Identification Sensor	1988 - 1992	735 i / iL - right front of engine, on #1 spark plug wire	
Cylinder Identification Sensor I	1988 - 1994	750 iL - on spark plug wire # 6, under right distributor cover	
Cylinder Identification Sensor II	1988 - 1994	750 iL - on spark plug wire # 12, under left distributor cover	
Data Link Connector	1988 - 1992	735 i / iL - left rear of engine compartment	610-12
Data Link Connector	1993 - 1994	740 i / iL - right rear of engine compartment	610-13
Data Link Connector	1992 - 1994	750 iL - left rear of engine compartment	610-23
Defogger Coupler	1988 - 1994	All - right C pillar	
Defogger Relay, Rear	1988 - 1994	See rear window defogger relay	
Defroster Air Distribution Motor	1988 - 1994	All - below left side of dash, on lower left side of heater box	
Diagnostic Connector	1988 - 1992	See data link connector	
Diagnostic Module (SRS)	1988 - 1994	See airbag control module (SRS)	
Directional Relay	1988 - 1944	See flasher relay	
Diversity, Antenna	1991 - 1994	All - left C pillar	
DME control module	1988 - 1994	See engine control module(s) (DME)	
DME Main Relay(s)	1988 - 1994	See main DME relay	
Door Lock Actuator	1988 - 1994	All - top of door behind door lock	
Door Lock Heater	1988 - 1994	All - door, at key lock assembly	
Door Lock Switch	1988 - 1992	All - behind door lock	
Driver's Airbag Generator	1988 - 1994	All - center of steering wheel	
Driver's Daylight Coding Diode	1988 - 1994	All - front of dash, near light switch	
Driver's Door Handle Switch	1988 - 1994	All - behind driver's door handle	
E-Box	1988 - 1994	All - right side of engine, behind right front strut tower	610-6, 610-7
E-Box Fan	1988 - 1994	All - E-box, below modules	
EDC III Acceleration Sensor, Front	1990 - 1994	All - right front wheel well behind a cover	
EDC III Acceleration Sensor, Longitudinal	1990 - 1994	All - next to battery, under right rear seat	
EDC III Acceleration Sensor, Rear	1990 - 1994	All - right side of luggage compartment near wheel well	
EDC III Electronic Control Module	1990 - 1994	All - under right side of rear seat, near battery	
EDC III Strut Solenoid	1990 - 1994	All - on suspension strut housing	
EDC III Switch	1990 - 1994	All - on center console	
EGS	1988 - 1994	See electronic transmission control module (AEGS)	
Electric Power Protection Relay	1988 - 1994	All - in rear power distribution box	610-2, 610-3, 610-4, 610-5
Electro-Hydraulic Converter (Servotronic)	1988 - 1994	All - below left front of car, behind left front wheel	
Electrochromic Mirror	1991 - 1994	All - above center of windshield	
Electronic Damper Control Module	1990 - 1994	See EDC III electronic control module	
Electronic Damper Control Switch	1990 - 1994	See EDC III switch	

610-12 ELECTRICAL COMPONENT LOCATIONS

Table b. E32 Component Locations

Component	Model Year	Location	Reference Figure
Electronic Heater Control Module (IHKA)	1988 - 1990	See automatic heating and air-conditioning (IHKA) control module	
Electronic Shock Absorber Control Module (EDC III)	1990 - 1994	See EDC III electronic control module	
Electronic Throttle Control Module	1988 - 1994	See EML control module	
Electronic Transmission Control Module (AEGS)	1988 - 1994	All - behind right kick panel	
EML Control Module	1991 - 1992	735 i / iL - E-box	
EML Control Module	1988 - 1994	750 iL - E-box	610-7
Engine Control Module(s) (DME)	1988 - 1994	All - in E-box	610-6, 610-7
Engine Coolant Temperature Sensor	1988 - 1994	See coolant temperature sensor	
Engine Hood Microswitch	1991 - 1994	See hood microswitch	
Engine Hood Switch	1988 - 1994	All - LF on radiator support	
Engine Intake Air Temperature Sensor	1988 - 1994	See intake air temperature sensor	
Engine Speed Sensor	1988 - 1994	735 i / iL / 740 i / iL - see crankshaft position/RPM sensor	
Evaporative Purge Valve	1988 - 1992	735 i / iL - left side of engine, right of oil filter	
Evaporative Purge Valve	1993 - 1994	740 i / iL - front of left cylinder head	
Evaporative Purge Valve (Cyl. 1-6)	1988 - 1994	750 iL - left front of engine compartment	
Evaporative Purge Valve (Cyl. 7-12)	1988 - 1994	750 iL - right front of engine compartment	
Evaporator Temperature Sensor	1988 - 1994	See A/C evaporator temperature sensor	
Final Stage Unit ("Sword")	1988 - 1994	See blower final stage unit ("sword")	
Flasher Relay	1988 - 1994	All - front power distribution box (brown relay)	610-1
FM Amplifier HLO	1991 - 1994	All - left C pillar	
Fog Light Washer Pump	1988 - 1992	735 i / iL - left front of engine compartment, on washer fluid reservoir	
Fog Light Washer Pump	1988 - 1992	740 i / iL / 750 iL - right front of engine compartment, on washer fluid reservoir	
Footwell Air Distribution Motor, Left	1988 - 1994	All - below left side of dash, on left side of heater box	
Footwell Air Distribution Motor, Right	1988 - 1994	All - below right side of dash, on right side of heater box	
Fresh Air Distribution Motor	1988 - 1994	All - below left side of dash, on left side of heater box	
Front Brake Pad Sensor	1988 - 1994	See brake pad sensor, left front wheel	
Front Defogger	1988 - 1990	All - lower part of windshield	
Front Defogger/Auxiliary Coolant Pump Relay	1988 - 1994	All - in front power distribution box	610-1
Front Power Distribution Box	1988 - 1994	All - left rear of engine compartment	610-1
Front Speed Sensor	1988 - 1994	See ABS pulse sensor, front wheel	
Fuel Injectors	1988 - 1994	All - top of engine, on intake manifold	
Fuel Level Sensor	1988 - 1994	All - in fuel tank, below luggage compartment, through right access panel, right of spare tire	
Fuel Pump Relay	1988 - 1994	735 i / iL / 740 i / iL - in E-box	610-6
Fuel Pump Relays	1988 - 1994	750 iL - in auxiliary relay panel II	610-8
Fuel Pump(s)	1988 - 1992	All - in fuel tank, below luggage compartment, through right access panel, right of spare tire	610-29
Fuel Tank Sensor	1988 - 1994	See fuel level sensor	

COMPONENT LOCATIONS

ELECTRICAL COMPONENT LOCATIONS 610-13

Table b. E32 Component Locations

Component	Model Year	Location	Reference Figure
Fusible Link 50 A	1988 - 1994	All - below right side of rear seat, right of battery	
Fusible Link 80 A	1988 - 1994	All - below rear seat	
Gas Filler Lock Actuator	1992 - 1994	All - luggage compartment, behind right wheel well	
General Module (ZKE)	1988 - 1994	All - in rear power distribution box	610-2, 610-3, 610-4, 610-5
Glove Compartment Light	1991 - 1994	All - right side of dash, above glove compartment	610-24
Grounds:			
G 100	1988 - 1994	All - left front of engine compartment	
G 101	1988 - 1994	All - right front of engine compartment	
G 103	1988 - 1994	All - below left rear seat	
G 105	1988 - 1994	All - below left rear seat	
G 110	1988 - 1994	All - below left side of dash	
G 117	1988 - 1994	All - right rear of engine compartment	
G 119	1988 - 1994	All - right rear of engine compartment	
G 202	1988 - 1994	All - below left side of dash	
G 204	1988 - 1994	All - below left rear seat	
G 303	1988 - 1994	All - below right rear seat	
G 304	1988 - 1994	All - below left rear seat	
Hazard Flasher Relay	1988 - 1994	See flasher relay	
Headlight Switch	1988 - 1994	All - left of instrument cluster	
Headlight Washer Pump	1988 - 1992	735 i / iL - left front of engine compartment, on washer fluid reservoir	
Headlight Washer Pump	1988 - 1994	740 i / iL / 750 iL - right front of engine compartment, on washer fluid reservoir	
Headlight/Foglight Washer Module (SRA)	1988 - 1994	All - auxiliary relay panel I (red relay)	610-8
Headrest Motor, Front Seat	1988 - 1994	All - top right corner of front seatback	
Headrest Potentiometer	1988 - 1994	All - on driver's headrest motor	
Headrest Switch, Left Rear	1988 - 1994	All - left side of seat cushion	
Headrest Switch, Right Rear	1988 - 1994	All - right side of seat cushion	
Heat Exchanger Temperature Sensor	1988 - 1994	See heater core temperature sensor, right/left	
Heater Core Temperature Sensor, Left	1988 - 1994	All - left side of heater box	
Heater Core Temperature Sensor, Right	1988 - 1991	All - right side of heater box	
Heater Core Temperature Sensor, Right/Left	1988 - 1994	All - below right/left side of dash in heater box	
Heater Valve	1988 - 1994	All - left rear of engine compartment at bulkhead	610-23
HiFi Amplifier	1988 - 1994	All - luggage compartment mounted to bottom of back window shelf	610-28
High Pressure Switch (A/C)	1988 - 1994	See A/C high pressure switch	
High Speed Cooling Fan Relay	1988 - 1994	See cooling fan relays	
Hood Microswitch	1988-1994	All - at base of right-hand hood guide rail at rear bulkhead	
Horn	1988 - 1994	All - front of car, behind grill	610-27
Horn Switch	1988 - 1994	All - top of steering column, in steering wheel	
Hot Wire Air Mass Meter	1991 - 1994	See mass air flow sensor	
Hydraulic Fluid Level Sensor	1988 - 1992	All - left front of engine, on hydraulic fluid level container	

610-14 ELECTRICAL COMPONENT LOCATIONS

Table b. E32 Component Locations

Component	Model Year	Location	Reference Figure
Idle Speed Control (Stabilizer) Valve	1988 - 1992	735 i / iL - between throttle housing and volume air flow sensor	610-12
Idle Speed Control (Stabilizer) Valve	1993 - 1994	740 i / iL - right front of intake manifold	610-14
Igniting Coil I (Cyl. 1-6)	1988 - 1994	750 iL - right front of engine compartment	610-20
Ignition Coil	1988 - 1992	735 i / iL - right side of engine compartment, at strut tower	610-12
Ignition Coil	1993 - 1994	740 i / iL - at top of each cylinder, above spark plug	
Ignition Coil II (Cyl. 7-12)	1988 - 1994	750 iL - left front of engine compartment	610-19
Ignition Switch	1988 - 1994	All - top right of steering column	610-26
IHKA Blend Door Motor	1988 - 1994	All - in heater box, right/left of radio	
Inertia Switch	1988 - 1994	All - under center of rear seat, right of rear power distribution box	
Infrared Locking Control Module	1988 - 1994	All - rear power distribution box	610-3, 610-4
Infrared Receiver	1988 - 1994	All - above center of windshield, near rear view mirror	
Intake Air Temperature Sensor	1988 - 1992	735 i / iL - intake manifold behind throttle housing	
Intake Air Temperature Sensor	1993 - 1994	740 i / iL - right front of intake manifold	
Intake Air Temperature Sensors	1988 - 1994	750 iL - rear of intake manifold runners	610-22, 610-21
Intensive Washer Pump	1988 - 1994	All - right rear of engine compartment, on washer fluid reservoir	610-22
Intermediate Pressure Switch (A/C)	1988 - 1992	See A/C medium pressure switch	
Jumper Post (B+)	1988 - 1992	735 i / iL - right side of front power distribution box	610-12
Jumper Post (B+)	1993 - 1994	740 i / iL - right rear of engine compartment	610-13
Jumper Post (B+)	1988 - 1994	750 iL - right side of front power distribution box	610-23
Kick Down Prevent Relay	1988 - 1990	All - behind right kick panel	
Knock Sensor Connectors, Cyl. 1 - 4	1993 - 1994	740 i / iL - right side of engine, on injector wiring harness duct	610-15
Knock Sensor Connectors, Cyl. 5 - 8	1993 - 1994	740 i / iL - left side of engine, on injector wiring harness duct	
LAD Regulator Valve	1988 - 1990	All - below rear of car, right of final drive housing	
Lamp Control Module	1988 - 1994	All - front power distribution box	610-1
Level Regulator Valve	1988 - 1990	See LAD regulator valve	
Lock Sensor Control Module	1988 - 1994	All - behind left kick panel	
Longitudinal Acceleration Sensor	1992 - 1994	See acceleration sensor (EDC III), longitudinal	
Low Pressure Switch (A/C)	1988 - 1994	See A/C low pressure switch	
Luggage Compartment Lock Motor	1988 - 1994	All - luggage compartment, right of lid lock assembly	
Luggage Compartment Lid Microswitch	1988 - 1992	All - luggage compartment lid, near luggage compartment lock	
Luggage Compartment Light Switch	1993 - 1991	All - center rear of luggage compartment	
Luggage Compartment Lock Switch	1988 - 1994	All - center of rear panel, below luggage compartment latch	
Lumbar Support Motor, Front Seat	1988 - 1994	All - front seat back	
Main DME Relay	1988 - 1994	735 i / iL / 740i / iL - E-box	610-6
Main DME Relays	1988 - 1994	750 iL - auxiliary relay panel II (white relays)	610-7
Main Fuse and Relay Box	1988 - 1992	See front power distribution box	610-1
Manual Transmission Back-up Light Switch	1988 - 1992	See back-up light switch, manual transmission	
Mass Air Flow Sensor (cylinders 1 - 6)	1988 - 1994	750 iL - left front of engine compartment	610-19
Mass Air Flow Sensor (cylinders 7 - 12)	1988 - 1994	750 iL - right front of engine compartment	610-20

COMPONENT LOCATIONS

ELECTRICAL COMPONENT LOCATIONS 610-15

Table b. E32 Component Locations

Component	Model Year	Location	Reference Figure
Mass Air Flow Sensor (Hot Film)	1993 - 1994	740 i / iL - top of engine	610-16
Memory Seat/Mirrors Control Module	1988 - 1994	All - under driver's seat	
Mixing Flap Actuator	1988 - 1994	See IHKA blend door motor	
Motronic Control Module DME	1988 - 1994	See engine control module(s) (DME)	
Normal Speed Fan Relay	1988 - 1994	See cooling fan relays	
Odometer	1988 - 1994	All - connector at rear of instrument cluster	
Oil Level Sensor	1988 - 1994	All - on bottom of oil pan	
Oil Pressure Switch	1988 - 1992	735 i / iL - top rear of engine, rear of cylinder head	
Oil Pressure Switch	1993 - 1994	740 i / iL - lower left front of engine	
Oil Pressure Switch	1988 - 1994	750 iL - at bottom of oil filter housing	
On-Board Computer	1988 - 1994	All - center of dash, right of radio	
On-Board Computer Temperature Sensor	1988 - 1994	All - under front bumper, right side	
Outside Temperature Sensor	1988 - 1994	All - behind coolant expansion tank support panel, right of blower motor	
Oxygen Sensor	1988 - 1992	735 i / iL - top of catalyst, near rear of transmission	
Oxygen Sensor Heater Relay	1988 - 1992	735 i / iL / 740 i / iL - E-box	610-6
Oxygen Sensor Heater Relay	1988 - 1994	750 iL - auxiliary relay panel II	610-9
Oxygen Sensor, Left/Right	1988 - 1994	740 i / iL / 750 i / iL - exhaust pipe, ahead of catalytic converter	
Parking Brake Switch	1988 - 1994	All - under console, on rear of park brake lever	
Parking Light Monitor Relay	1988 - 1991	All - front power distribution box	610-1
Pedal Position Sensor	1991-1992	735 with ASC, under left side of dash, behind steering column	
Pedal Position Sensor	1988 - 1994	750 iL - under left side of dash, behind steering column	
Phone Interface Box	1991 - 1994	All - below center console	
Phone Transceiver	1991 - 1994	All - right front of luggage compartment	
Power Steering Fluid Level Sensor	1992 - 1994	All - left front of engine compartment, on power steering fluid reservoir	
Pulse Sensor (ABS)	1988 - 1994	See ABS pulse sensor	
Radio Antitheft Switch (DWA)	1988 - 1994	All - in dashboard behind radio	
Rear Brake Pad Sensor	1988 - 1994	See brake pad sensor, right rear wheel	
Rear Defogger Relay	1988 - 1994	See rear window defogger relay	
Rear Heater Vent Distribution Motor	1988 - 1994	All - front of console, on lower rear of heater box	
Rear Power Distribution Box	1988 - 1994	All - below left side of rear seat	610-2, 610-3, 610-4, 610-5
Rear Seat Belt Contact, Right/Left	1992 - 1994	All - right/left rear of rear seat	
Rear Seat Heater Relay	1988 - 1990	All - rear power distribution box	610-3, 610-4, 610-5
Rear Seat Heater/Position Relay	1988 - 1994	All - rear power distribution box	610-3, 610-4, 610-5
Rear Seat Motor	1988 - 1994	All - under rear seat	
Rear Speed Sensor	1988 - 1992	See ABS pulse sensor, rear wheel	
Rear Vent Flap Switch	1988 - 1990	All - rear of console, on rear vent flap	
Rear Window Defogger Relay	1988 - 1992	All - rear power distribution box	610-2, 610-3, 610-4, 610-5
Right Front Airbag Generator	1992 - 1994	All - behind right side of dashboard	

610-16 ELECTRICAL COMPONENT LOCATIONS

Table b. E32 Component Locations

Component	Model Year	Location	Reference Figure
Seat Belt Switch, Front	1988 - 1994	All - front seat belt buckle	
Seat Cushion Movement Potentiometer	1988 - 1994	All - on driver's seat movement motor	
Seat Cushion Rear Height Potentiometer	1988 - 1994	All - on driver's seat cushion tilt motor	
Seat Cushion Tilt Motor, Front	1988 - 1994	All - under front seat	
Seat Headrest Motor, Front	1988 - 1994	See headrest motor, front seat	
Seat Heater	1988 - 1994	All - in seat	
Seat Heater/Position Relay, Rear	1988 - 1994	All - rear power distribution box	610-3, 610-4, 610-5
Seat Height Motor, Front	1988 - 1994	All - under front seat	
Seat Height Potentiometer	1988 - 1994	All - on driver's seat height motor	
Seat Movement Motor, Front	1988 - 1994	All - under front seat	
Seat Movement Motor, Rear	1988 - 1994	All - under rear seat	
Seatback Heater	1988 - 1994	All - on seatback	
Seatback Potentiometer	1988 - 1994	All - on driver's seat recliner motor	
Seatback Recliner Motor, Front	1988 - 1994	All - under front seat	
Servotronic Control Module	1988 - 1992	All - behind driver's footwell panel, behind speaker	610-25
Shift Lock	1991 - 1994	All - below center of console, near gear selector	
Slip Control Module (ABS/ASC+T)	1991 - 1994	See ABS/traction control module	
Speed Sensor	1988 - 1994	See ABS pulse sensor	
Starter	1988 - 1992	735 i / iL - left side of engine, below intake manifold	
Starter	1993 - 1994	740 i / iL - right side of engine, right side of oil pan	
Starter	1988 - 1994	750 iL - right side of engine, right side of oil pan	
Starter Relay	1988 - 1994	All - front power distribution box	610-1
Steering Angle Sensor	1992 - 1994	All - on steering column	
Steering Column Adjustment Motor	1991 - 1994	All - left side of dash	
Steering Column Adjustment Potentiometer	1991 - 1994	All - top right side of steering column	
Sunroof Motor	1988 - 1992	All - above center of windshield, near rear view mirror	
Sunroof Position Switch	1988 - 1994	All - above center of windshield, near rear view mirror	
Temperature Distribution Potentiometer	1988 - 1994	All - above radio, in dash center IHKA outlets	
Throttle Position Actuator I (EML) Cyl. 1 - 6	1988 - 1994	750 iL - top left front of engine, on throttle housing	610-21
Throttle Position Actuator II (EML) Cyl 7 - 12	1988 - 1994	750 iL - top right front of engine, on throttle housing	610-20
Throttle Position Switch	1988 - 1992	735 i / iL - top of engine, at intake manifold	610-10, 610-12
Throttle Valve Heater	1988 - 1992	735 i / iL - top of engine, on throttle housing	
Throttle Valve Switch (ADS)	1988 - 1994	740 i / iL - top of engine, on throttle housing	610-14
Traction Control Module	1988 - 1994	See ABS/traction control module	
Transmission Control Module	1988 - 1994	See electronic transmission control module (AEGS)	
Transmission Kickdown Switch	1991 - 1994	All - under accelerator pedal	
Under Hood Light Switch	1988 - 1994	All - left front of hood	
Unloader Relay, KI 15	1988 - 1994	All - front power distribution box	610-1
Unloader Relay, KL61	1990 - 1994	All - front power distribution box	610-1

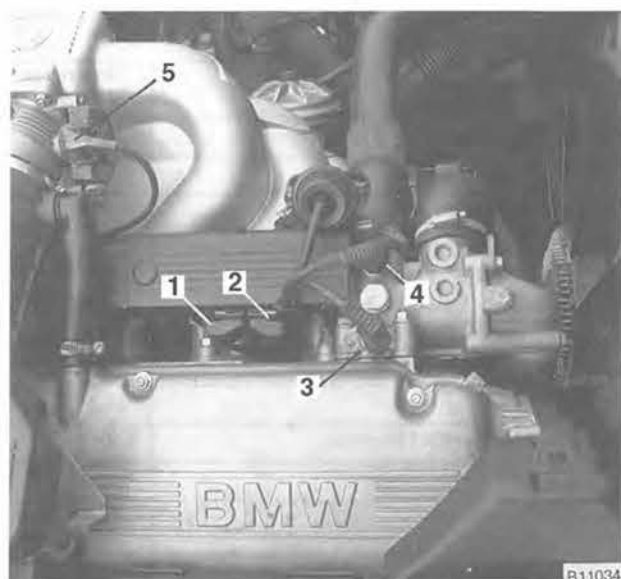
COMPONENT LOCATIONS

ELECTRICAL COMPONENT LOCATIONS 610-17

Table b. E32 Component Locations

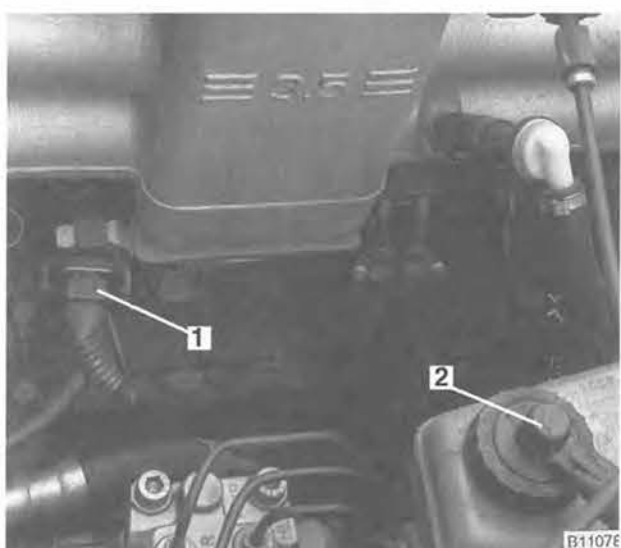
Component	Model Year	Location	Reference Figure
Unloader Relay, KLR	1988 - 1994	All - front power distribution box	610-1
Vehicle Speed Sensor	1988 - 1994	All - rear of car, on differential	
Ventilation Distribution Motor	1988 - 1994	All - left side of dash, on left side of heater box	
Volume Air Flow Sensor	1988 - 1994	735 i / iL - intake tube between throttle housing and air filter	610-12
Water Valve Assembly	1988 - 1994	See heater valve	
Wheel Camber Warning Switch	1988 - 1994	All - below car at right rear trailing arm	
Window Limit Switch	1988 - 1994	All - center front of door	
Window Motor, Door	1988 - 1994	All - lower front of door	
Windshield Washer Fluid Level Sensor	1988 - 1994	All - side of windshield washer fluid reservoir	610-20
Windshield Washer Jet	1988 - 1994	All - on hood	
Windshield Washer Jet Heater	1988 - 1994	All - under cover on engine hood	
Windshield Washer Pump	1988 - 1994	All - in windshield washer fluid reservoir	610-20
Windshield Washer Pump Relay	1988 - 1991	All - front power distribution box (blue relay)	610-1
Windshield Wiper Motor	1988 - 1994	All - inside left fresh air cowl behind rear engine compartment bulkhead	
Windshield Wiper Pressure Control Motor (ADV)	1988 - 1994	All - below left side of fresh air cowl	
Windshield Wiper Pressure Control Relay (ADV)	1988 - 1994	All - in rear power distribution box	610-2, 610-3
Windshield Wiper Relay	1988 - 1994	All - in rear power distribution box	610-2, 610-3, 610-4, 610-5

610-18 ELECTRICAL COMPONENT LOCATIONS



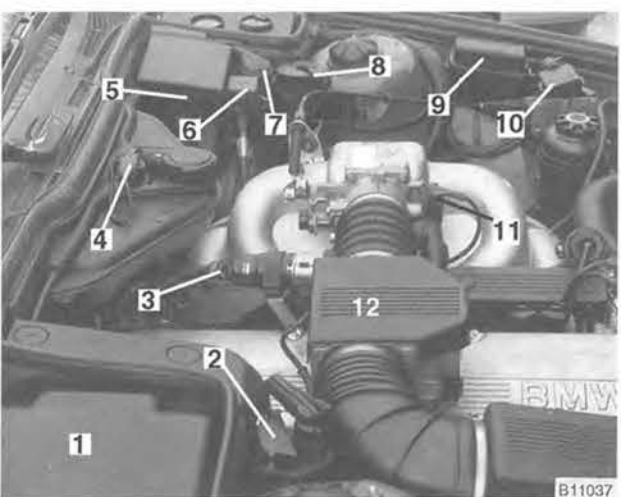
610-10 Engine compartment, front, 735i/IL

1. Harness connector, reference sensor, DME
2. Harness connector, engine speed sensor, DME
3. Coolant temperature sensor (temperature gauge)
4. Coolant temperature sensor (DME)
5. Throttle position switch



610-11 Engine compartment, left rear, 735i/IL

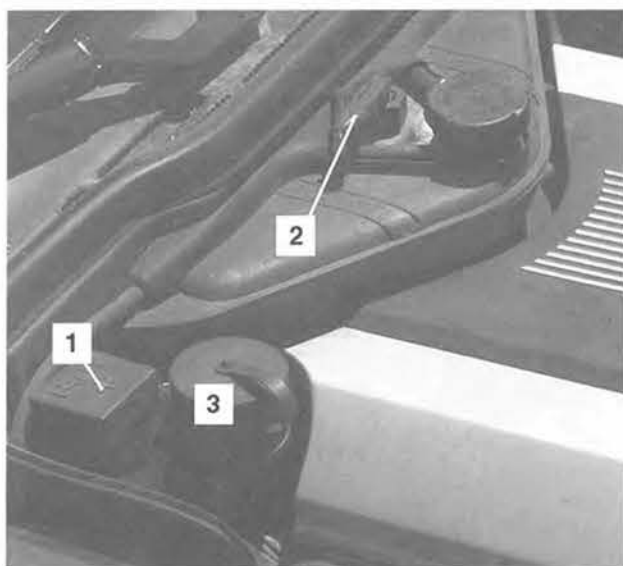
1. Evaporative purge control valve
2. Brake fluid level sensor



610-12 Engine compartment, 735i/IL

1. E-box
2. Ignition coil
3. Idle speed control (stabilizer) valve
4. Coolant level sensor
5. Heater control valve
6. Positive jumper post (B+)
7. Engine harness connector
8. Data link (diagnostic) connector
9. Auxiliary relay panel I
10. Cruise control actuator
11. Throttle position switch
12. Volume air flow sensor

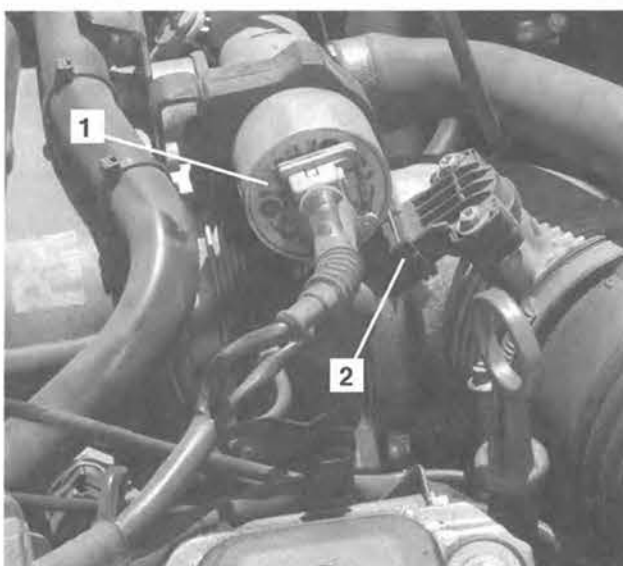
ELECTRICAL COMPONENT LOCATIONS 610-19



0017310

610-13 Engine compartment, right rear, 740i/iL

1. Positive jumper post (B+)
2. Coolant level sensor
3. Data link (diagnostic) connector

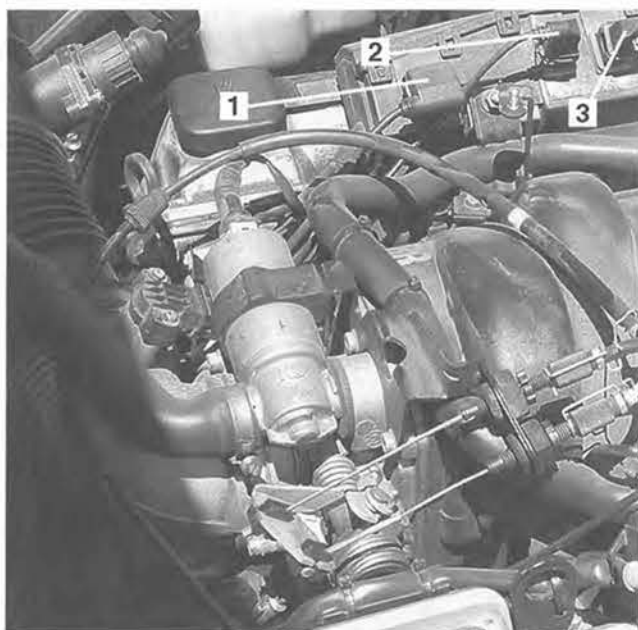


0017311

610-14 Engine compartment, right front, 740i/iL

1. Idle control (stabilizer) valve
2. Throttle valve switch (ASC+T only)

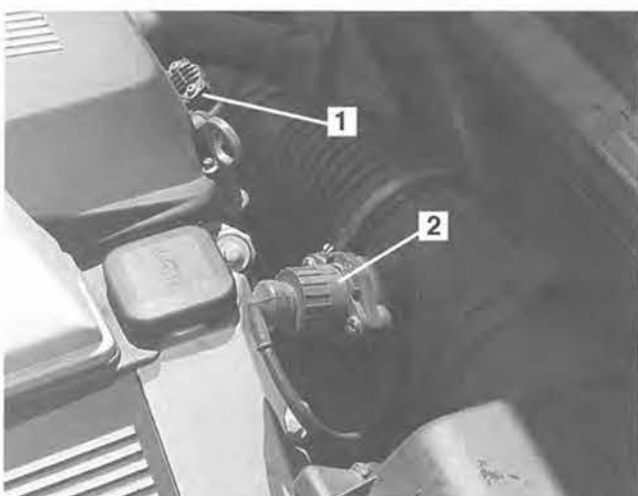
610-20 ELECTRICAL COMPONENT LOCATIONS



0017312

610-15 Engine compartment, front (top engine cover removed), 740i/iL

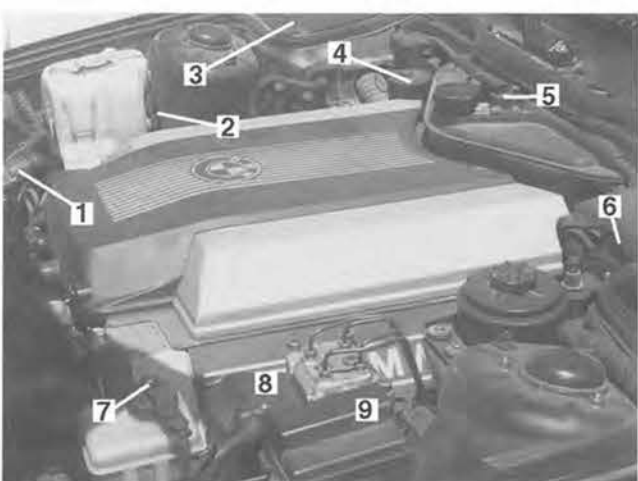
1. Camshaft position sensor
2. Knock sensor connector (cyl. 1, 2)
3. Knock sensor connector (cyl. 3, 4)



0017313

610-16 Engine compartment, right rear, 740i/iL

1. Throttle valve switch (ASC+T only)
2. Mass air flow sensor (hot film)



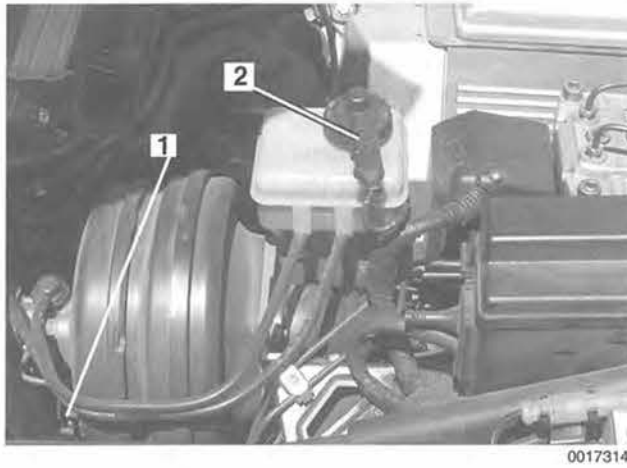
0017314

610-17 Engine compartment, 740i/iL

1. Air filter housing
2. Windshield washer fluid level sensor
3. E-box
4. Data link (diagnostic) connector
5. Coolant level sensor
6. Heater core control valve (below cover)
7. Brake fluid level sensor
8. ABS hydraulic control unit
9. Auxiliary relay panel

COMPONENT LOCATIONS

ELECTRICAL COMPONENT LOCATIONS 610-21



610-18 Engine compartment, left front, 740i/iL

1. ADS (ASC+T) throttle position motor, below vacuum brake booster
2. Brake fluid level sensor



610-19 Engine compartment, left front, 750iL

1. SRS crash sensor, left
2. Auxiliary relay panel I
3. Ignition coil (cyl. 7 - 12)
4. Mass air flow sensor (cyl. 1 - 6)
5. Hydraulic boost pressure switch
6. Hydraulic boost pressure switch

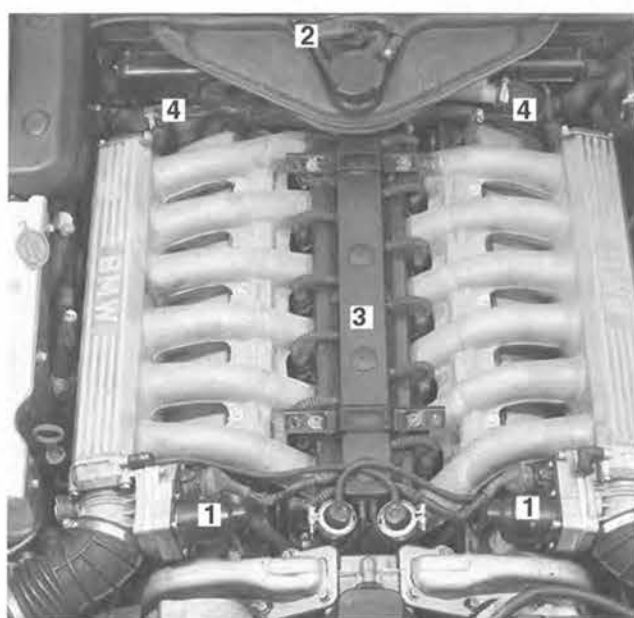
610-22 ELECTRICAL COMPONENT LOCATIONS



0017237

610-20 Engine compartment, right front, 750iL

1. SRS crash sensor, right
2. Auxiliary relay panel II
3. Washer fluid level sensor
4. Throttle position actuator (EML) (cyl. 7 - 12)
5. Mass air flow sensor (cyl. 7 - 12)
6. Auxiliary cooling fan dual switch
7. Windshield washer pump
8. Ignition coil (cyl. 1 - 6)

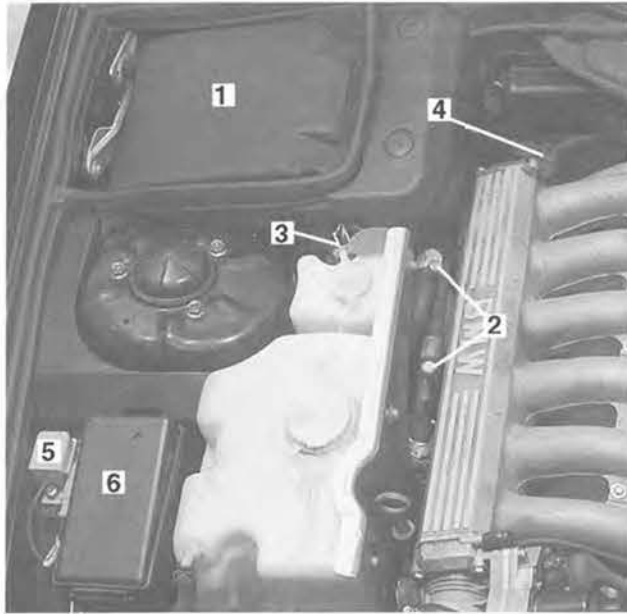


0017240

610-21 Center of engine compartment, 750iL

1. Throttle position actuator (EML), right and left
2. Coolant reservoir level sensor
3. Fuel injector wiring duct
4. Intake air temperature sensors

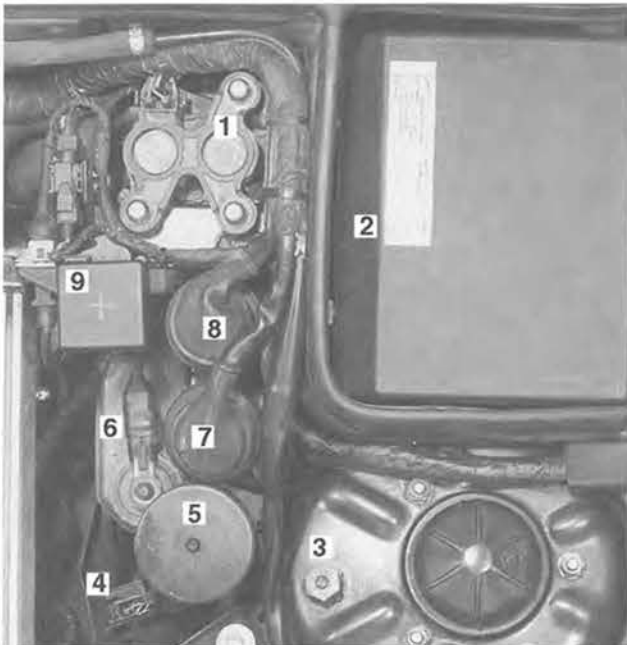
ELECTRICAL COMPONENT LOCATIONS 610-23



0017235

610-22 Engine compartment, right rear, 750iL

1. E-Box
2. A/C service connectors
3. Intensive washer pump
4. Intake air temperature sensor (cyl. 7 - 12)
5. SRS crash sensor (right)
6. Auxiliary relay panel II

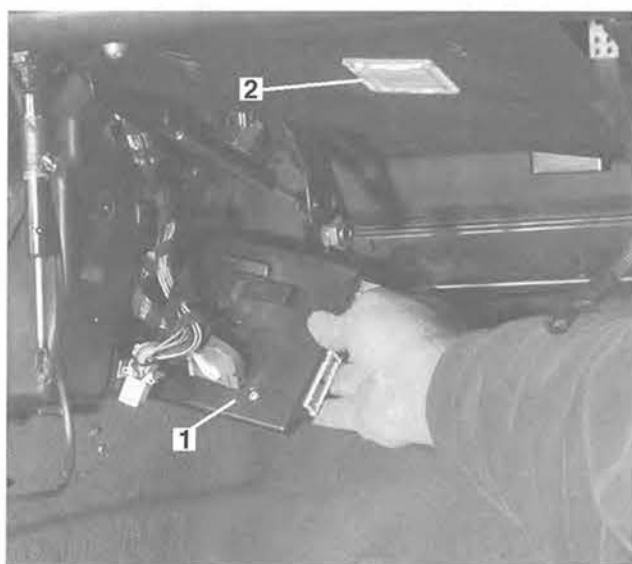


0017229

610-23 Engine compartment, left rear, 750iL

1. Heater control valve (cover removed)
2. Front power distribution box
3. Negative jumper post (-)
4. Oil level sensor connector
5. Data link (diagnostic) connector
6. Brake fluid level sensor
7. Main engine harness connector
8. EML harness connector
9. Positive jumper post (B+)

610-24 ELECTRICAL COMPONENT LOCATIONS



0017192

610-24 Right footwell

1. IHKA control module
2. Glove compartment light

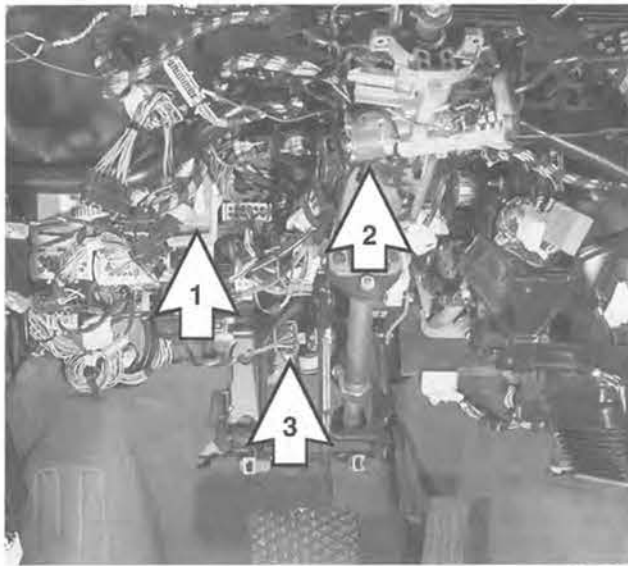


0017191

610-25 Left footwell, behind speaker trim panel

1. Servotronic control module
2. A/C clutch control relay (1988-1991)
3. Lock sensor control module

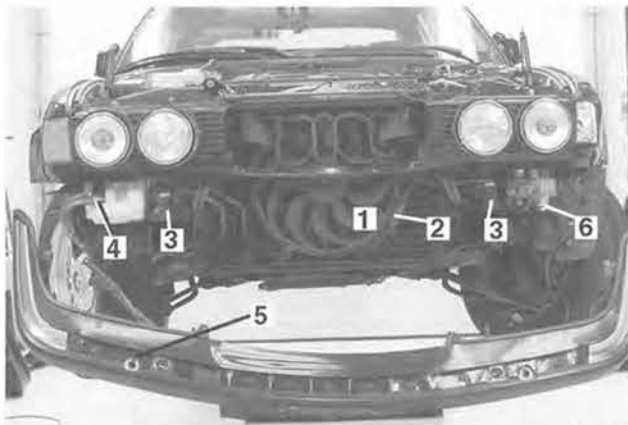
ELECTRICAL COMPONENT LOCATIONS 610-25



0017195

610-26 Steering column area

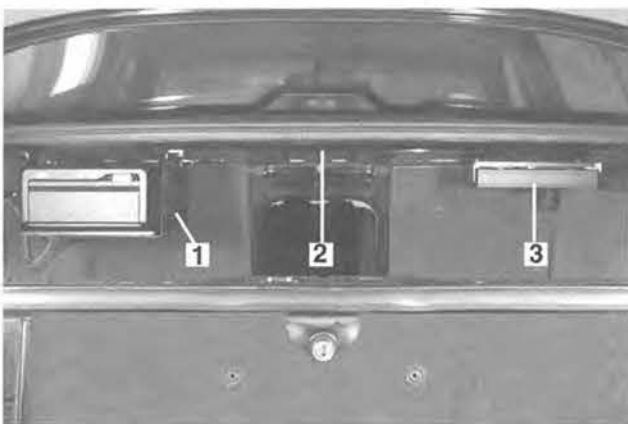
1. Air bag (SRS) control unit
2. Ignition switch
3. Brake light switch



0017207

610-27 Nose of car, bumper removed

1. Auxiliary cooling fan
2. Auxiliary cooling fan resistor
3. Horns
4. Headlight/foglight washer pump
5. OBC outside air temperature sensor
6. ABS hydraulic control unit

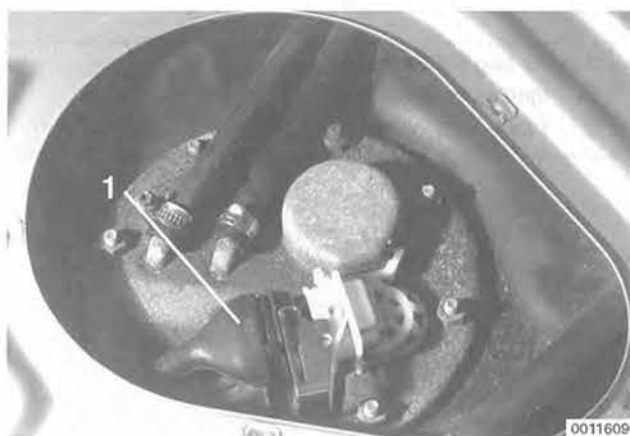


0017207

610-28 Inside luggage compartment, below rear parcel shelf

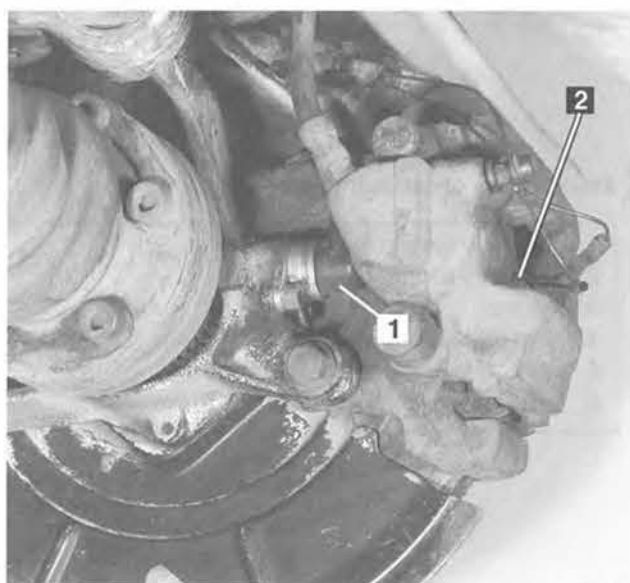
1. CD changer
2. Center brake light bulb
3. Radio amplifier

610-26 ELECTRICAL COMPONENT LOCATIONS



610-29 Luggage compartment floor, right side beneath access panel

1. Fuel pumps/sending unit harness connector



610-30 Rear wheel housing, right rear

1. Wheel speed sensor
2. Brake pad sensor

FUSE POSITION TABLES

Table c through Table i list fuse positions in the front power distribution box, the rear power distribution box and the auxiliary relay panel I. Refer to the beginning of this repair group for locations of these panels.

**Table c. 1988 735i/735iL Fuse Positions
(to 3/88)**

Fuse	Rating	Protected Circuit
1	7.5 A	Brake pad warning (see also Fuses 17, 20) Instrument cluster check control (see also Fuses 12, 17, 20, 21) On-board computer (see also Fuses 17, 20) Windshield washer Windshield wiper
2	7.5 A	Headlights/foglights (see also Fuses 3, 5, 7, 10, 11, 13, 14) Lamp monitor (see also Fuses 3, 4, 5, 7, 15)
3	7.5 A	Headlights/foglights (see also Fuses 2, 5, 7, 10, 11, 13, 14) Lamp monitor (see also Fuses 2, 4, 5, 7, 15) Turn signal/hazard lights (see also Fuse 6)
4	7.5 A	Lamp monitor (see also Fuses 2, 4, 5, 7, 15) Park/tail/marker/underhood lights (see also Fuses 5, 15, 20)
5	10 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 21, 26) Headlights/foglights (see also Fuses 2, 3, 7, 10, 11, 13, 14) Lamp monitor (see also Fuses 2, 3, 4, 7, 15) License/luggage compartment lights (see also Fuse 21) Park/tail/marker/underhood lights (see also Fuses 4, 15, 20)
6	7.5 A	Turn signal/hazard lights (see also Fuse 3)
7	15 A	Headlights/foglights (see also Fuses 2, 3, 5, 10, 11, 13, 14) Lamp monitor (see also Fuses 2, 3, 4, 5, 15)
8	7.5 A	Not used
9	15 A	Automatic climate control (IHKA) (see also Fuses 19, 20, 21, 29, 33)
10	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 11, 13, 14)
11	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 13, 14)
12	15 A	Back up lights Instrument cluster check control (see also Fuses 1, 17, 20, 21) Memory mirrors (see also Fuses 16, 17, 18, 30, 42, 44) Windshield washer jet heaters
13	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 11, 14)
14	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 11, 13)

**Table c. 1988 735i/735iL Fuse Positions
(to 3/88)**

Fuse	Rating	Protected Circuit
15	7.5 A	Antilock brake system (ABS) (see also Fuses 17, 29) Brake lights Cruise control (see also Fuse 17) Lamp monitor (see also Fuses 2, 3, 4, 5, 7, 8) Park/tail/marker/underhood lights (see also Fuses 4, 5, 20)
16	30 A	Memory mirrors (see also Fuses 12, 17, 18, 30, 42, 44) Memory seat (see also Fuses 17, 18, 30, 42, 44)
17	7.5 A	Antilock brake system (ABS) (see also Fuses 15, 29) Anti-theft system (DWA) (see also Fuses 18, 20, 31) Brake pad warning (see also Fuses 1, 20) Central body electronics (ZKE) (see also Fuses 30, 44, 47) Cruise control (see also Fuse 15) Door lock heating (ZKE) (see also Fuse 30) Electronic transmission control (AEGS) Injection electronics (DME) (see also Fuse 23) Instrument cluster check control (see also Fuses 1, 12, 20, 21) Interior lights (ZKE) (see also Fuses 21, 30, 34) On-board computer (see also Fuses 1, 20) Memory mirrors (see also Fuses 12, 16, 18, 30, 42, 44) Memory seat (see also Fuses 16, 18, 30, 42, 44) Power windows (ZKE) (see also Fuses 20, 30, 31, 44) Start Sunroof (ZKE) (see also Fuses 20, 30, 31, 44)
18	15 A	Anti-theft system (DWA) (see also Fuses 17, 20, 31) Memory mirrors (see also Fuses 12, 16, 17, 30, 42, 44) Memory seat (see also Fuses 16, 17, 30, 42, 44) Radio (see also Fuses 21, 41)
19	30 A	Automatic climate control (IHKA) (see also Fuses 9, 20, 21, 29, 33)
20	7.5 A	Anti-theft system (DWA) (see also Fuses 17, 18, 31) Automatic climate control (IHKA) (see also Fuses 9, 19, 21, 29, 33) Brake pad warning (see also Fuses 1, 17) Central locking system (ZKE) (see also Fuses 30, 31) Instrument cluster check control (see also Fuses 1, 12, 17, 21) On board computer (see also Fuses 1, 17) Park/tail/marker/underhood lights (see also Fuses 4, 5, 15) Power windows (ZKE) (see also Fuses 17, 30, 31, 44) Sunroof (ZKE) (see also Fuses 17, 30, 31, 44)

610-28 ELECTRICAL COMPONENT LOCATIONS

**Table c. 1988 735i/735iL Fuse Positions
(to 3/88)**

Fuse	Rating	Protected Circuit
21	7.5 A	Automatic climate control (IHKA) (see also Fuses 9, 19, 20, 29, 33) Glove compartment/cigar lighter/ashtray light/charging plug (see also Fuses 5, 26) Instrument cluster check control (see also Fuses 1, 12, 17, 20) Interior lights (ZKE) (see also Fuses 17, 30, 44) License/luggage compartment lights (see also Fuse 5) Radio (see also Fuses 18, 41)
22	30 A	Windshield wiper pressure control (ADV) (see also Fuse 44)
23	7.5 A	Injection electronics (DME) (see also Fuse 17)
24	7.5 A	Not used
25	30 A	Auxiliary cooling fan (see also Fuse 29)
26	30 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 5, 21)
27	30A	Not used
28	15 A	Power assist steering (Servotronic)
29	7.5 A	Antilock brake system (ABS) (see also Fuses 15, 17) Automatic climate control (IHKA) (see also Fuses 9, 19, 20, 21, 33) Auxiliary cooling fan (see also Fuse 25) Rear window defogger (see also Fuses 33, 46)
30	7.5 A	Central body electronics (ZKE) (see also Fuses 17, 44, 47) Central locking system (ZKE) (see also Fuses 20, 31) Door lock heating (ZKE) (see also Fuse 17) Interior lights (ZKE) (see also Fuses 17, 21, 44) Memory mirrors (see also Fuses 12, 16, 17, 18, 42, 44) Memory seat (see also Fuses 16, 17, 18, 42, 44) Power windows (ZKE) (see also Fuses 17, 20, 31, 44) Sunroof (ZKE) (see also Fuses 17, 20, 31, 44)
31	7.5 A	Anti-theft system (DWA) (see also Fuses 17, 18, 20) Central locking system (ZKE) (see also Fuses 30) Power windows (ZKE) (see also Fuses 17, 20, 30, 44)
32	15 A	Not used
33	7.5 A	Automatic climate control (IHKA) (also see Fuses 9, 19, 20, 21, 29) Rear window defogger (see also Fuses 29, 46)
40	30 A	Not used
41	30 A	Radio (see also Fuses 18, 21)

**Table c. 1988 735i/735iL Fuse Positions
(to 3/88)**

Fuse	Rating	Protected Circuit
42	30 A	Memory mirrors (see also Fuses 12, 16, 17, 18, 30, 44) Memory seat (see also Fuses 16, 17, 18, 30, 44)
43	30 A	Power seats
44	30 A	Central body electronics (ZKE) (see also Fuses 17, 30, 47) Interior lights (ZKE) (see also Fuses 17, 21, 30) Memory mirrors (see also Fuses 12, 16, 17, 18, 30, 42) Memory seat (see also Fuses 16, 17, 18, 30, 42) Power windows (ZKE) (see also Fuses 17, 20, 30, 31) Sunroof (ZKE) (see also Fuses 17, 20, 30, 31) Windshield wiper pressure control (ADV) (see also Fuse 22)
45	30 A	Not used
46	30 A	Rear window defogger (see also Fuses 29, 33)
47	30 A	Central body electronics (ZKE) (see also Fuses 17, 30, 44)
51	15 A	Not used
52	7.5 A	Not used
53	10 A	Not used

CAUTION—

Fuse designations and locations are subject to change and may vary from car to car, depending on options. If questions arise, an authorized BMW dealer is the best source for the most accurate and up-to-date information.

ELECTRICAL COMPONENT LOCATIONS 610-29

**Table d. 1988 735i/735iL/750iL Fuse Positions
(from 3/88)**

Fuse	Rating	Protected Circuit
1	15 A	Antilock brake system (ABS) (see also Fuses 17, 29) Brake lights Brake pad warning (see also Fuses 17, 20) Cruise control (see also Fuse 15 [early production]), 17 Cruise control (EML) Electronic throttle control (EML 1.2) (see also Fuses 17, 20) Instrument cluster check control (see also Fuses 12, 15, 17, 20, 29, 33) Lamp monitor (LKM) (see also Fuses 2, 3, 4, 5, 7, 10, 11, 13, 14) Park/tail/marker/under hood lights (see also Fuses 4, 5, 20)
2	7.5 A	Headlights/foglights (see also Fuses 3, 4, 5, 7, 10, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 3, 4, 5, 7, 10, 11, 13, 14) Turn signal/hazard lights (see also Fuses 3, 6, 13, 14)
3	7.5 A	Headlights/foglights (see also Fuses 2, 4, 5, 7, 10, 11, 13, 14) Headlight/foglight washer (ZKE) (see also Fuses 5, 17, 22, 44) Lamp monitor (LKM) (see also Fuses 1, 2, 4, 5, 7, 10, 11, 13, 14) Turn signal/hazard lights (see also Fuse 2, 6, 13, 14)
4	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 5, 7, 10, 11, 13, 14) Park/tail/marker/underhood lights (see also Fuses 1, 15, 20)
5	10 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 26, 33) Headlights/foglights (see also Fuses 2, 3, 4, 7, 10, 11, 13, 14) Headlight/foglight washer (ZKE) (see also Fuses 3, 17, 22, 44) Heated seats (see also Fuses 16, 27, 29, 40) Lamp monitor (LKM) (see also Fuses 2, 3, 4, 7, 15) License/luggage compartment lights (see also Fuse 33) Lumbar support (see also Fuse 16) Park/tail/marker/underhood lights (see also Fuses 1, 4, 20)
6	7.5 A	Turn signal/hazard lights (see also Fuse 2, 3, 13, 14)
7	15 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 10, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 10, 11, 13, 14)
9	15 A	Automatic climate control (IHKA) (see also Fuses 19, 20, 21, 29) Horn

**Table d. 1988 735i/735iL/750iL Fuse Positions
(from 3/88)**

Fuse	Rating	Protected Circuit
10	7.5 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 10, 11, 13, 14)
11	7.5 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 10, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 13, 14)
12	15 A	Back up lights Instrument cluster check control (see also Fuses 1, 15, 17, 20, 29, 33) Memory mirrors (see also Fuses 16, 17, 18, 30, 42, 44) Windshield washer jet heaters
13	7.5 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 10, 11, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 11, 14) Turn signal/hazard lights (see also Fuse 2, 3, 6, 14)
14	7.5 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 10, 11, 13) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 11, 13) Turn signal/hazard lights (see also Fuses 2, 3, 6, 13)
15	7.5 A	Cruise control (see also Fuse 1, 17 [early production]) Instrument cluster check control (see also Fuses 1, 12, 17, 20, 29, 33) On board computer (see also Fuses 17, 20) Windshield washer (ZKE) (see also Fuse 44) Windshield wipers (ZKE) (see also Fuse 44)
16	30 A	Heated seats (see also Fuses 5, 27, 29, 40) Lumbar support (see also Fuse 5) Memory mirrors (see also Fuses 12, 17, 18, 30, 42, 44) Memory seat (see also Fuses 17, 18, 30, 42, 44)

610-30 ELECTRICAL COMPONENT LOCATIONS

**Table d. 1988 735i/735iL/750iL Fuse Positions
(from 3/88)**

Fuse	Rating	Protected Circuit
17	7.5 A	Antilock brake system (ABS) (see also Fuses 1, 29) Anti-theft system (DWA) (see also Fuses 18, 20, 31) Brake pad warning (see also Fuses 1, 20) Central body electronics (ZKE) (see also Fuses 30, 44, 47) Charging Cruise control (see also Fuse 1, 15 early production) Door lock heating (ZKE) (see also Fuse 30) E-box fan (see also Fuse 28) Electronic throttle control (EML 1.2) (see also Fuses 1, 20) Electronic transmission control (AECS) Electronic transmission control (AECS/EML) Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 22, 44) Infrared locking system (IRS) (see also Fuses 18, 31) Injection electronics (DME/EML 1.2) (see also Fuse 23, 24, 28) Instrument cluster check control (see also Fuses 1, 12, 15, 20, 29, 33) Interior lights (ZKE) (see also Fuses 30, 33, 34) Memory mirrors (see also Fuses 12, 16, 18, 30, 42, 44) Memory seat (see also Fuses 16, 18, 30, 42, 44) On-board computer (see also Fuses 15, 20) Power windows (ZKE) (see also Fuses 20, 30, 31, 44) Start Sunroof (ZKE) (see also Fuses 20, 30, 31, 44)
18	15 A	Anti-theft system (DWA) (see also Fuses 17, 20, 31) Cellular telephone (see also Fuses 31, 34 [early production]) Infrared locking system (IRS) (see also Fuses 17, 31) Memory mirrors (see also Fuses 12, 16, 17, 30, 42, 44) Memory seat (see also Fuses 16, 17, 30, 42, 44) Radio/CD player (see also Fuse 41)
19	30 A	Automatic climate control (IHKA) (see also Fuses 8, 9, 20, 21, 29)

**Table d. 1988 735i/735iL/750iL Fuse Positions
(from 3/88)**

Fuse	Rating	Protected Circuit
20	7.5 A	Anti-theft system (DWA) (see also Fuses 17, 18, 31) Automatic climate control (IHKA) (see also Fuses 9, 19, 21, 29) Brake pad warning (see also Fuses 1, 17) Central locking system (ZKE) (see also Fuses 30, 31) Instrument cluster check control (see also Fuses 1, 12, 15, 17, 29, 33) On board computer (see also Fuses 15, 17) Park ventilation Park/tail/marker/underhood lights (see also Fuses 1, 4, 5) Power windows (ZKE) (see also Fuses 17, 30, 31, 44) Sunroof (ZKE) (see also Fuses 17, 30, 31, 44)
21	7.5 A	Automatic climate control (IHKA) (see also Fuses 9, 19, 20, 29) Rear window defogger (see also Fuses 29, 46)
22	30 A	Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 17, 44) Windshield wiper pressure control (ADV) (see also Fuse 44)
23	7.5 A	Injection electronics (DME/EML 1.2) (see also Fuses 17, 24, 28)
24	7.5 A	Injection electronics (DME/EML 1.2) (see also Fuses 17, 23, 28)
25	30 A	Auxiliary cooling fan (see also Fuse 29)
26	30 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 5, 33)
27	30A	Rear headrest (see also Fuses 29, 40) Heated seats (see also Fuses 5, 16, 29, 40) Power seats (see also Fuses 29, 40, 43)
28	15 A	E-box fan (see also Fuse 17) Injection electronics (DME/EML 1.2) (see also Fuses 17, 23, 24) Power assist steering (Servotronic)
29	7.5 A	Antilock brake system (ABS) (see also Fuses 1, 17) Automatic climate control (IHKA) (see also Fuses 8, 9, 19, 20, 21) Auxiliary cooling fan (see also Fuse 25) Heated seats (see also Fuses 5, 16, 27, 40) Instrument cluster check control (see also Fuses 1, 12, 15, 17, 20, 33) Power seats (see also Fuses 27, 40, 43) Rear headrest (see also Fuses 27, 40) Rear window defogger (see also Fuses 21, 46)

ELECTRICAL COMPONENT LOCATIONS 610-31

**Table d. 1988 735i/735iL/750iL Fuse Positions
(from 3/88)**

Fuse	Rating	Protected Circuit
30	7.5 A	Central body electronics (ZKE) (see also Fuses 17, 44, 47) Central locking system (ZKE) (see also Fuses 20, 31) Door lock heating (ZKE) (see also Fuse 17) Interior lights (ZKE) (see also Fuses 5, 17, 33, 44) Memory mirrors (see also Fuses 12, 16, 17, 18, 42, 44) Memory seat (see also Fuses 16, 17, 18, 42, 44) Power windows (ZKE) (see also Fuses 17, 20, 31, 44) Sunroof (ZKE) (see also Fuses 17, 20, 31, 44)
31	7.5 A	Anti-theft system (DWA) (see also Fuses 17, 18, 20) Cellular telephone (see also Fuses 18, 34 early production) Central locking system (ZKE) (see also Fuses 20, 30) Infrared locking system (IRS) (see also Fuses 17, 18) Power windows (ZKE) (see also Fuses 17, 20, 30, 44) Sunroof (ZKE) (see also Fuses 17, 20, 30, 44)
32	15 A	Not used
33	15 A	Instrument cluster check control (see also Fuses 1, 12, 15, 17, 20, 29) License/luggage compartment lights (see also Fuses 4, 5) Interior lights (ZKE) (see also Fuses 5, 17, 30, 44) Glove compartment/cigar lighter/ashtray light/flashlight charging plug (see also Fuses 4, 5, 26)
40	30 A	Heated seats (see also Fuses 5, 16, 27, 29) Power seats (see also Fuses 27, 29, 43)
41	30 A	Radio (see also Fuse 18)
42	30 A	Memory mirrors (see also Fuses 12, 16, 17, 18, 30, 44) Memory seat (see also Fuses 16, 17, 18, 30, 44) Power seats (see also Fuses 27, 29, 40, 43)
43	30 A	Power seats (see also Fuses 27, 29, 40)

**Table d. 1988 735i/735iL/750iL Fuse Positions
(from 3/88)**

Fuse	Rating	Protected Circuit
44	30 A	Central body electronics (ZKE) (see also Fuses 17, 30, 47) Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 17, 22) Interior lights (ZKE) (see also Fuses 17, 30, 33) Memory mirrors (see also Fuses 12, 16, 17, 18, 30, 42) Memory seat (see also Fuses 16, 17, 18, 30, 42) Power windows (ZKE) (see also Fuses 17, 20, 30, 31) Sunroof (ZKE) (see also Fuses 17, 20, 30, 31) Windshield wipers (ZKE) (see also Fuse 15) Windshield wiper pressure control (ADV) (see also Fuse 22)
45	30 A	Accessory connector (not used)
46	30 A	Rear window defogger (see also Fuses 21, 29)
47	30 A	Central body electronics (ZKE) (see also Fuses 17, 30, 44)

CAUTION—

Fuse designations and locations are subject to change and may vary from car to car, depending on options. If questions arise, an authorized BMW dealer is the best source for the most accurate and up-to-date information.

610-32 ELECTRICAL COMPONENT LOCATIONS

Table e. 1989 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
1	15 A	Antilock brake system (ABS) (see also Fuse 17) Brake lights Brake pad warning (see also Fuses 17, 20) Cruise control (see also Fuse 17) Cruise control (EML) Electronic throttle control (EML 1.2) (see also Fuses 17, 20) Instrument cluster check control (see also Fuses 12, 15, 17, 20, 29, 33) Lamp monitor (LKM) (see also Fuses 2, 3, 4, 5, 7, 10, 11, 13, 14) Park/tail/marker/under hood lights (see also Fuses 4, 5, 20)
2	7.5 A	Headlights/foglights (see also Fuses 3, 5, 7, 10, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 3, 4, 5, 7, 10, 11, 13, 14) Turn signal/hazard lights (see also Fuses 3, 6, 13, 14)
3	7.5 A	Headlights/foglights (see also Fuses 2, 5, 7, 10, 11, 13, 14) Headlight/foglight washer (ZKE) (see also Fuses 5, 17, 22, 44) Lamp monitor (LKM) (see also Fuses 1, 2, 4, 5, 7, 10, 11, 13, 14) Turn signal/hazard lights (see also Fuses 2, 6, 13, 14)
4	7.5 A	Lamp monitor (LKM) (see also Fuses 1, 2, 3, 5, 7, 10, 11, 13, 14) Park/tail/marker/underhood lights (see also Fuses 1, 5, 20)
5	10 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 4, 26, 33) Headlights/foglights (see also Fuses 2, 3, 7, 10, 11, 13, 14) Headlight/foglight washer (ZKE) (see also Fuses 3, 17, 22, 44) Heated seats (see also Fuse 16) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 7, 10, 11, 13, 14) License/luggage compartment lights (see also Fuse 33) Lumbar support (see also Fuse 16) Park/tail/marker/underhood lights (see also Fuses 1, 4, 20)
6	7.5 A	Turn signal/hazard lights (see also Fuse 2, 3, 13, 14)
7	15 A	Headlights/foglights (see also Fuses 2, 3, 5, 10, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 10, 11, 13, 14)
9	15 A	Automatic climate control (IHKA) (see also Fuses 19, 20, 21, 29) Auxiliary cooling fan (see also Fuses 25, 29) Cellular telephone (see also Fuses 18, 31) Horn
10	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 11, 13, 14)

Table e. 1989 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
11	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 13, 14)
12	15 A	Back up lights Instrument cluster check control (see also Fuses 1, 15, 17, 20, 29, 33) Memory mirrors (see also Fuses 16, 17, 18, 30, 42, 44)
13	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 11, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 11, 14) Turn signal/hazard lights (see also Fuses 2, 3, 6, 14)
14	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 11, 13) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 11, 13) Turn signal/hazard lights (see also Fuses 2, 3, 6, 13)
15	7.5 A	Instrument cluster check control (see also Fuses 1, 12, 17, 20, 29, 33) On board computer (see also Fuses 17, 20) Windshield washer (ZKE) (see also Fuse 44) Windshield wipers (ZKE) (see also Fuse 44)
16	30 A	Heated seats (see also Fuse 5) Lumbar support (see also Fuse 5) Memory mirrors (see also Fuses 12, 17, 18, 30, 42, 44) Memory seat (see also Fuses 17, 18, 30, 42, 44)

ELECTRICAL COMPONENT LOCATIONS 610-33

Table e. 1989 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
17	7.5 A	Antilock brake system (ABS) (see also Fuse 1) Anti-theft system (DWA) (see also Fuses 18, 20, 31) Brake pad warning (see also Fuses 1, 20) Central body electronics (ZKE) (see also Fuses 30, 44, 47) Charging (see also Fuse 28) Cruise control (see also Fuse 1) Door lock heating (ZKE) (see also Fuse 30) E-box fan (see also Fuse 28) Electronic throttle control (EML 1.2) (see also Fuses 1, 20) Electronic transmission control (AEGS) Electronic transmission control (AEGS/EML) Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 22, 44) Infrared locking system (IRS) (see also Fuses 18, 31) Injection electronics (DME 1.3) (see also Fuse 23) Injection electronics (DME/EML 1.2) (see also Fuse 23, 24) Instrument cluster check control (see also Fuses 1, 12, 15, 20, 29, 33) Interior lights (ZKE) (see also Fuses 18, 30, 33, 34) Memory mirrors (see also Fuses 12, 16, 18, 30, 42, 44) Memory seat (see also Fuses 16, 18, 30, 42, 44) On-board computer (see also Fuses 15, 20) Power windows (ZKE) (see also Fuses 20, 30, 31, 44) Start Sunroof (ZKE) (see also Fuses 20, 30, 31, 44)
18	15 A	Anti-theft system (DWA) (see also Fuses 17, 20, 31) Cellular telephone (see also Fuses 9, 31) Infrared locking system (IRS) (see also Fuses 17, 31) Interior lights (see also Fuses 17, 30, 33, 44) Memory mirrors (see also Fuses 12, 16, 17, 30, 42, 44) Memory seat (see also Fuses 16, 17, 30, 42, 44) Radio/CD player (see also Fuse 41)
19	30 A	Automatic climate control (IHKA) (see also Fuses 8, 9, 20, 21, 29) Park ventilation (see also Fuses 20, 21)

Table e. 1989 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
20	7.5 A	Anti-theft system (DWA) (see also Fuses 17, 18, 31) Automatic climate control (IHKA) (see also Fuses 9, 19, 21, 29) Brake pad warning (see also Fuses 1, 17) Central locking system (ZKE) (see also Fuses 30, 31) Electronic throttle control (EML 1.2) (see also Fuses 1, 17) Instrument cluster check control (see also Fuses 1, 12, 15, 17, 29, 33) On board computer (see also Fuses 15, 17) Park ventilation (see also Fuses 19, 21) Park/tail/marker/underhood lights (see also Fuses 1, 4, 5) Power windows (ZKE) (see also Fuses 17, 30, 31, 44) Sunroof (ZKE) (see also Fuses 17, 30, 31, 44)
21	7.5 A	Automatic climate control (IHKA) (see also Fuses 9, 19, 20, 29) Park ventilation (see also Fuses 19, 21) Rear window defogger (see also Fuses 28, 46)
22	30 A	Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 17, 44) Windshield wiper pressure control (ADV) (see also Fuse 44)
23	7.5 A	Injection electronics (DME 1.3) (see also Fuse 17) Injection electronics (DME/EML 1.2) (see also Fuses 17, 24, 26)
24	7.5 A	Injection electronics (DME/EML 1.2) (see also Fuses 17, 23, 26)
25	30 A	Auxiliary cooling fan (see also Fuses 9, 29)
26	30 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 5, 33)
27	30A	Power seats (see also Fuses 29, 40, 43) Rear headrest (see also Fuses 29, 40)
28	15 A	Charging (see also Fuse 17) E-box fan (see also Fuse 17) Injection electronics (DME/EML 1.2) (see also Fuses 17, 23, 24) Power assist steering (Servotronic) Rear window defogger (see also Fuses 21, 46) Windshield washer jet heaters
29	7.5 A	Automatic climate control (IHKA) (see also Fuses 8, 9, 19, 20, 21) Auxiliary cooling fan (see also Fuses 9, 25) Instrument cluster check control (see also Fuses 1, 12, 15, 17, 20, 33) Power seats (see also Fuses 27, 40, 43) Rear headrest (see also Fuses 27, 40) Rear window defogger (see also Fuses 21, 46)

610-34 ELECTRICAL COMPONENT LOCATIONS

Table e. 1989 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
30	7.5 A	Central body electronics (ZKE) (see also Fuses 17, 44, 47) Central locking system (ZKE) (see also Fuses 20, 31) Door lock heating (ZKE) (see also Fuse 17) Interior lights (ZKE) (see also Fuses 17, 18, 33, 44) Memory mirrors (see also Fuses 12, 16, 17, 18, 42, 44) Memory seat (see also Fuses 16, 17, 18, 42, 44) Power windows (ZKE) (see also Fuses 17, 20, 31, 44) Sunroof (ZKE) (see also Fuses 17, 20, 31, 44)
31	7.5 A	Anti-theft system (DWA) (see also Fuses 17, 18, 20) Cellular telephone (see also Fuses 9, 18) Central locking system (ZKE) (see also Fuses 20, 30) Infrared locking system (IRS) (see also Fuses 17, 18) Power windows (ZKE) (see also Fuses 17, 20, 30, 44) Sunroof (ZKE) (see also Fuses 17, 20, 30, 44)
32	15 A	Not used
33	15 A	Instrument cluster check control (see also Fuses 1, 12, 15, 17, 20, 29) License/luggage compartment lights (see also Fuses 4, 5) Interior lights (ZKE) (see also Fuses 17, 18, 30, 44) Glove compartment/cigar lighter/ashtray light/flashlight charging plug (see also Fuses 5, 26)
34	15 A	Not used
40	30 A	Power seats (see also Fuses 27, 29, 43) Rear headrest (see also Fuses 27, 29)
41	30 A	Radio (see also Fuse 18)
42	30 A	Memory mirrors (see also Fuses 12, 16, 17, 18, 30, 44) Memory seat (see also Fuses 16, 17, 18, 30, 44)
43	30 A	Power seats (see also Fuses 27, 29, 40, 42)

Table e. 1989 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
44	30 A	Central body electronics (ZKE) (see also Fuses 17, 30, 47) Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 17, 22) Interior lights (ZKE) (see also Fuses 17, 18, 30, 33) Memory mirrors (see also Fuses 12, 16, 17, 18, 30, 42) Memory seat (see also Fuses 16, 17, 18, 30, 42) Power windows (ZKE) (see also Fuses 17, 20, 30, 31) Sunroof (ZKE) (see also Fuses 17, 20, 30, 31) Windshield washer (ZKE) (see also Fuse 15) Windshield wipers (ZKE) (see also Fuse 15) Windshield wiper pressure control (ADV) (see also Fuse 22)
45	30 A	Accessory connector (not used)
46	30 A	Rear window defogger (see also Fuses 21, 29)
47	30 A	Central body electronics (ZKE) (see also Fuses 17, 30, 44)
50	30 A	Accessory connector (not used)

CAUTION—

Fuse designations and locations are subject to change and may vary from car to car, depending on options. If questions arise, an authorized BMW dealer is the best source for the most accurate and up-to-date information.

ELECTRICAL COMPONENT LOCATIONS 610-35

Table f. 1990 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
1	15 A	Antilock brake system (ABS) (see also Fuse 17) Automatic stability control (ASC) (see also Fuses 17, 29) Brake lights Brake pad warning (see also Fuses 17, 20) Cruise control (see also Fuse 17) Cruise control (EML) Electronic throttle control (EML 1.2) (see also Fuses 17, 20) Instrument cluster check control (see also Fuses 12, 15, 17, 20, 29, 33) Lamp monitor (LKM) (see also Fuses 2, 3, 4, 5, 7, 10, 11, 13, 14) Park/tail/marker/under hood lights (see also Fuses 4, 5, 20)
2	7.5 A	Headlights/foglights (see also Fuses 3, 5, 7, 10, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 3, 4, 5, 7, 10, 11, 13, 14) Turn signal/hazard lights (see also Fuses 3, 6, 13, 14)
3	7.5 A	Headlights/foglights (see also Fuses 2, 5, 7, 10, 11, 13, 14) Headlight/foglight washer (ZKE) (see also Fuses 5, 17, 22, 44) Lamp monitor (LKM) (see also Fuses 1, 2, 4, 5, 7, 10, 11, 13, 14) Turn signal/hazard lights (see also Fuse 2, 6, 13, 14)
4	7.5 A	Lamp monitor (LKM) (see also Fuses 1, 2, 3, 5, 7, 10, 11, 13, 14) Park/tail/marker/underhood lights (see also Fuses 1, 5, 20)
5	10 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 4, 26, 33) Headlights/foglights (see also Fuses 2, 3, 7, 10, 11, 13, 14) Headlight/foglight washer (ZKE) (see also Fuses 3, 17, 22, 44) Heated seats (see also Fuse 16) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 7, 10, 11, 13, 14) License/luggage compartment lights (see also Fuse 33) Lumbar support (see also Fuse 16) Park/tail/marker/underhood lights (see also Fuses 1, 4, 20)
6	15 A	Turn signal/hazard lights (see also Fuse 2, 3, 13, 14)
7	15 A	Headlights/foglights (see also Fuses 2, 3, 5, 10, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 10, 11, 13, 14)
9	15 A	Automatic climate control (IHKA) (see also Fuses 19, 20, 21, 29) Auxiliary cooling fan (see also Fuses 25, 29) Cellular telephone (see also Fuses 18, 31) Horn

Table f. 1990 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
10	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 11, 13, 14)
11	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 13, 14)
12	15 A	Back up lights (see also Fuse 20) Instrument cluster check control (see also Fuses 1, 15, 17, 20, 29, 33) Memory mirrors (see also Fuses 16, 17, 18, 30, 42, 44)
13	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 11, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 11, 14) Turn signal/hazard lights (see also Fuses 2, 3, 6, 14)
14	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 11, 13) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 11, 13) Turn signal/hazard lights (see also Fuses 2, 3, 6, 13)
15	7.5 A	Instrument cluster check control (see also Fuses 1, 12, 17, 20, 29, 33) On board computer (see also Fuses 17, 20) Windshield washer (ZKE) (see also Fuse 44) Windshield wipers (ZKE) (see also Fuse 44)
16	30 A	Heated seats (see also Fuse 5) Lumbar support (see also Fuse 5) Memory mirrors (see also Fuses 12, 17, 18, 30, 42, 44) Memory seat (see also Fuses 17, 18, 30, 42, 44)

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Table f. 1990 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
17	7.5 A	Antilock brake system (ABS) (see also Fuse 1) Anti-theft system (DWA) (see also Fuses 20, 51) Automatic stability control (ASC) (see also Fuses 1, 29) Brake pad warning (see also Fuses 1, 20) Central body electronics (ZKE) (see also Fuses 30, 44, 47) Charging (see also Fuse 28) Cruise control (see also Fuse 1) Door lock heating (ZKE) (see also Fuse 30) E-box fan (see also Fuse 28) Electronic throttle control (EML 1.2) (see also Fuses 1, 20) Electronic transmission control (AEGS) Electronic transmission control (AEGS/EML) Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 22, 44) Infrared locking system (IRS) (see also Fuses 31, 51) Injection electronics (DME 1.3) (see also Fuse 23) Injection electronics (DME/EML 1.2) (see also Fuse 23, 24, 28) Instrument cluster check control (see also Fuses 1, 12, 15, 20, 29, 33) Interior lights (ZKE) (see also Fuses 18, 30, 33, 34) Memory mirrors (see also Fuses 12, 16, 18, 30, 42, 44) Memory seat (see also Fuses 16, 18, 30, 42, 44) On-board computer (see also Fuses 15, 20) Power windows (ZKE) (see also Fuses 20, 30, 31, 44) Start Sunroof (ZKE) (see also Fuses 20, 30, 31, 44)
18	15 A	Anti-theft system (DWA) (see also Fuses 17, 20, 31) Cellular telephone (see also Fuses 9, 31) Interior lights (see also Fuses 17, 30, 33, 44) Memory mirrors (see also Fuses 12, 16, 17, 30, 42, 44) Memory seat (see also Fuses 16, 17, 30, 42, 44) Radio/CD player (see also Fuse 41)
19	30 A	Automatic climate control (IHKA) (see also Fuses 8, 9, 20, 21, 29) Park ventilation (see also Fuses 20, 21)

Table f. 1990 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
20	7.5 A	Anti-theft system (DWA) (see also Fuses 17, 51) Automatic climate control (IHKA) (see also Fuses 9, 19, 21, 29) Back up lights (see also Fuse 12) Brake pad warning (see also Fuses 1, 17) Central locking system (ZKE) (see also Fuses 30, 31) Electronic throttle control (EML 1.2) (see also Fuses 1, 17) Instrument cluster check control (see also Fuses 1, 12, 15, 17, 29, 33) On board computer (see also Fuses 15, 17) Park ventilation (see also Fuses 19, 21) Park/tail/marker/underhood lights (see also Fuses 1, 4, 5) Power windows (ZKE) (see also Fuses 17, 30, 31, 44) Sunroof (ZKE) (see also Fuses 17, 30, 31, 44)
21	7.5 A	Automatic climate control (IHKA) (see also Fuses 9, 19, 20, 29) Park ventilation (see also Fuses 19, 20) Rear window defogger (see also Fuses 28, 46)
22	30 A	Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 17, 44)
23	15 A	Injection electronics (DME 1.3) (see also Fuse 17) Injection electronics (DME/EML 1.2) (see also Fuses 17, 24, 28)
24	15 A	Injection electronics (DME/EML 1.2) (see also Fuses 17, 23, 28)
25	30 A	Auxiliary cooling fan (see also Fuses 9, 29)
26	30 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 5, 33)
27	30A	Power seats (see also Fuses 29, 40, 43) Rear headrest (see also Fuses 29, 40)
28	15 A	Charging (see also Fuse 17) E-box fan (see also Fuse 17) Injection electronics (DME/EML 1.2) (see also Fuses 17, 23, 24) Power assist steering (Servotronic) Rear window defogger (see also Fuses 21, 46) Windshield washer jet heaters
29	7.5 A	Automatic climate control (IHKA) (see also Fuses 8, 9, 19, 20, 21) Automatic stability control (ASC) (see also Fuses 1, 17) Auxiliary cooling fan (see also Fuses 9, 25) Instrument cluster check control (see also Fuses 1, 12, 15, 17, 20, 33) Power seats (see also Fuses 27, 40, 43) Rear headrest (see also Fuses 27, 40) Rear window defogger (see also Fuses 21, 46)

ELECTRICAL COMPONENT LOCATIONS 610-37

Table f. 1990 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
30	7.5 A	Central body electronics (ZKE) (see also Fuses 17, 44, 47) Central locking system (ZKE) (see also Fuses 20, 31) Door lock heating (ZKE) (see also Fuse 17) Interior lights (ZKE) (see also Fuses 5, 17, 33, 44) Memory mirrors (see also Fuses 12, 16, 17, 18, 42, 44) Memory seat (see also Fuses 16, 17, 18, 42, 44) Power windows (ZKE) (see also Fuses 17, 20, 31, 44) Sunroof (ZKE) (see also Fuses 17, 20, 31, 44)
31	7.5 A	Anti-theft system (DWA) (see also Fuses 17, 18, 20) Cellular telephone (see also Fuses 9, 18) Central locking system (ZKE) (see also Fuses 20, 30) Infrared locking system (IRS) (see also Fuses 17, 51) Power windows (ZKE) (see also Fuses 17, 20, 30, 44) Sunroof (ZKE) (see also Fuses 17, 20, 30, 44)
32	15 A	Not used
33	15 A	Glove compartment/cigar lighter/ashtray light/flashlight charging plug (see also Fuses 4, 5, 26) Instrument cluster check control (see also Fuses 1, 12, 15, 17, 20, 29) Interior lights (ZKE) (see also Fuses 5, 17, 30, 44) License/luggage compartment lights (see also Fuse 5)
34	15 A	Not used
40	30 A	Power seats (see also Fuses 27, 29, 43) Rear headrest (see also Fuses 27, 29)
41	30 A	Radio (see also Fuse 18)
42	30 A	Memory mirrors (see also Fuses 12, 16, 17, 18, 30, 44) Memory seat (see also Fuses 16, 17, 18, 30, 44)
43	30 A	Power seats (see also Fuses 27, 29, 40, 42)

Table f. 1990 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
44	30 A	Central body electronics (ZKE) (see also Fuses 17, 30, 47) Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 17, 22) Interior lights (ZKE) (see also Fuses 17, 18, 30, 33) Memory mirrors (see also Fuses 12, 16, 17, 18, 30, 42) Memory seat (see also Fuses 16, 17, 18, 30, 42) Power windows (ZKE) (see also Fuses 17, 20, 30, 31) Sunroof (ZKE) (see also Fuses 17, 20, 30, 31) Windshield washer (ZKE) (see also Fuse 15) Windshield wipers (ZKE) (see also Fuse 15)
45	30 A	Accessory connector (not used)
46	30 A	Rear window defogger/antenna (see also Fuses 21, 29)
47	30 A	Central body electronics (ZKE) (see also Fuses 17, 30, 44)
50	30 A	Accessory connector (not used)
51	7.5 A	Anti-theft system (DWA) (see also Fuses 17, 20) Infrared locking (IRS) (see also Fuses 17, 31)

CAUTION—

Fuse designations and locations are subject to change and may vary from car to car, depending on options. If questions arise, an authorized BMW dealer is the best source for the most accurate and up-to-date information.

610-38 ELECTRICAL COMPONENT LOCATIONS

Table g. 1991 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
1	15 A	Antilock brake system (ABS) (see also Fuse 17) Automatic stability control (ASC) (see also Fuses 17, 29) Automatic stability plus traction (ASC+T) (see also Fuses 17) Brake lights Brake pad warning (see also Fuses 17, 20) Cruise control (see also Fuse 17) Cruise control (EML) Electronic throttle control (EML 1.2) (see also Fuses 17, 20) Electronic transmission control (EGS/EML) (see also Fuse 17) Instrument cluster check control (see also Fuses 12, 17, 20, 29, 33) Lamp monitor (LKM) (see also Fuses 2, 3, 4, 5, 7, 10, 11, 13, 14) Park/tail/marker/under hood lights (see also Fuses 4, 5, 20)
2	7.5 A	Glove compartment/cigar lighter/ashtray light/flashlight charging plug (see also Fuses 4, 5, 15, 26) Headlights/foglights (see also Fuses 3, 4, 5, 7, 10, 11, 13, 14) Headlight/foglight washer (ZKE) (see also Fuses 3, 4, 5, 17, 22) Interior lights (ZKE) (see also Fuses 4, 5, 17, 18) Lamp monitor (LKM) (see also Fuses 1, 3, 4, 5, 7, 10, 11, 13, 14) Light switch details (see also Fuses 3, 4, 5, 21) Turn signal/hazard lights (see also Fuses 3, 6, 13, 14)
3	7.5 A	Headlights/foglights (see also Fuses 2, 4, 5, 7, 10, 11, 13, 14) Headlight/foglight washer (ZKE) (see also Fuses 4, 5, 17, 22, 44) Lamp monitor (LKM) (see also Fuses 1, 2, 4, 5, 7, 10, 11, 13, 14) Light switch details (see also Fuses 2, 4, 5, 21) Turn signal/hazard lights (see also Fuse 2, 6, 13, 14)
4	7.5 A	Glove compartment/cigar lighter/ashtray light/flashlight charging plug (see also Fuses 2, 5, 15, 26) Headlights/foglights (see also Fuses 2, 5, 7, 10, 11, 13, 14) Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 17, 22, 44) Interior lights (ZKE) (see also Fuses 2, 5, 17, 18, 30, 33, 44) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 5, 7, 10, 11, 13, 14) License/luggage compartment lights (see also Fuse 5) Light switch details (see also Fuses 2, 3, 5, 21) Park/tail/marker/underhood lights (see also Fuses 1, 5, 20)

Table g. 1991 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
5	10 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 2, 4, 15, 26) Headlights/foglights (see also Fuses 2, 3, 4, 7, 10, 11, 13, 14) Headlight/foglight washer (ZKE) (see also Fuses 3, 17, 22, 44) Interior lights (ZKE) (see also Fuses 2, 4, 17, 18, 30, 33, 44) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 7, 10, 11, 13, 14) License/luggage compartment lights (see also Fuse 4) Light switch details (see also Fuses 2, 3, 4, 21) Park/tail/marker/underhood lights (see also Fuses 1, 4, 20)
6	15 A	Turn signal/hazard lights (see also Fuse 2, 3, 13, 14)
7	15 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 10, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 10, 11, 13, 14)
9	15 A	Automatic climate control (IHKA) (see also Fuses 19, 20, 21) Auxiliary cooling fan (see also Fuses 25, 29) Cellular telephone (see also Fuses 18, 49) Horn
10	7.5 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 11, 13, 14)
11	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 13, 14)
12	15 A	Back up lights (see also Fuse 20) Instrument cluster check control (see also Fuses 1, 17, 20, 29, 33) Electronic damper control (EDC) (see also Fuse 45) Electronic mirror (see also Fuse 17) Memory mirrors (see also Fuses 16, 17, 18, 30, 42, 44)
13	7.5 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 10, 11, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 11, 14) Turn signal/hazard lights (see also Fuses 2, 3, 6, 14)
14	7.5 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 10, 11, 13) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 11, 13) Turn signal/hazard lights (see also Fuses 2, 3, 6, 13)

ELECTRICAL COMPONENT LOCATIONS 610-39

Table g. 1991 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
15	7.5 A	Glove compartment/cigar lighter/ashtray light/flashlight charging plug (see also Fuses 2, 4, 5, 26) On board computer (see also Fuses 17, 20) Windshield washer (ZKE) (see also Fuse 44) Windshield wipers (ZKE) (see also Fuse 44)
16	30 A	Heated seats (see also Fuse 27, 29, 40) Lumbar support Memory mirrors (see also Fuses 12, 17, 18, 30, 42, 44) Memory seat (see also Fuses 17, 18, 30, 42, 44)
17	7.5 A	Antilock brake system (ABS) (see also Fuse 1) Automatic stability control (ASC) (see also Fuses 1, 29) Automatic stability plus traction (ASC+T) (see also Fuse 1) Brake pad warning (see also Fuses 1, 20) Central body electronics (ZKE) (see also Fuses 30, 44, 47) Charging (see also Fuse 28) Cruise control (see also Fuse 1) Door lock heating (ZKE) (see also Fuse 30) E-box fan (see also Fuse 28) Electronic throttle control (see also Fuses 1, 20) Electronic transmission control (EGS) Electronic transmission control (EGS/EML) (see also Fuse 1) Headlight/foglight washer (ZKE) (see also Fuses 2, 3, 4, 5, 22, 44) Infrared locking system (IRS) (see also Fuses 31, 51) Injection electronics (DME 1.3) (see also Fuse 23) Injection electronics (DME/EML 1.3) (see also Fuse 23) Injection electronics (DME/EML 1.7) (see also Fuse 23, 24, 28) Instrument cluster check control (see also Fuses 1, 12, 20, 29, 33) Interior lights (ZKE) (see also Fuses 2, 4, 5, 18, 30, 33, 44) Memory mirrors (see also Fuses 12, 16, 18, 30, 42, 44) Memory seat (see also Fuses 16, 18, 30, 42, 44) On-board computer (see also Fuses 15, 20) Power windows (ZKE) (see also Fuses 20, 30, 31, 44) Start Sunroof (ZKE) (see also Fuses 20, 30, 31, 44)

Table g. 1991 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
18	15 A	Anti-theft system (DWA) (see also Fuses 17, 20, 31) Cellular telephone (see also Fuses 9, 49) Interior lights (see also Fuses 2, 4, 5, 17, 30, 33, 44) Memory mirrors (see also Fuses 12, 16, 17, 30, 42, 44) Memory seat (see also Fuses 16, 17, 30, 42, 44) Memory steering column (see also Fuses 16, 42) Radio/CD player (see also Fuse 41)
19	30 A	Automatic climate control (IHKA) (see also Fuses 8, 9, 20, 21, 29) Park ventilation (see also Fuses 20, 21)
20	7.5 A	Anti-theft system (DWA) (see also Fuses 17, 51) Automatic climate control (IHKA) (see also Fuses 9, 19, 21, 29) Back up lights (see also Fuse 12) Brake pad warning (see also Fuses 1, 17) Central locking system (ZKE) (see also Fuses 30, 31) Electronic throttle control (EML 1.2) (see also Fuses 1, 17) Instrument cluster check control (see also Fuses 1, 12, 17, 29, 33) On board computer (see also Fuses 15, 17) Park ventilation (see also Fuses 19, 21) Park/tail/marker/underhood lights (see also Fuses 1, 4, 5) Power windows (ZKE) (see also Fuses 17, 30, 31, 44) Sunroof (ZKE) (see also Fuses 17, 30, 31, 44)
21	7.5 A	Automatic climate control (IHKA) (see also Fuses 9, 19, 20, 29) Light switch details (see also Fuses 2, 3, 4, 5) Park ventilation (see also Fuses 19, 20) Rear window defogger (see also Fuse 46)
22	30 A	Headlight/foglight washer (ZKE) (see also Fuses 2, 3, 4, 5, 17, 44)
23	15 A	Injection electronics (DME 1.3) (see also Fuse 17) Injection electronics (DME/EML 1.3) (see also Fuses 17, 24, 28) Injection electronics (DME/EML 1.7) (see also Fuse 17, 24, 28)
24	15 A	Injection electronics (DME/EML 1.7) (see also Fuses 17, 23, 28)
25	30 A	Auxiliary cooling fan (see also Fuses 9, 29)
26	30 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 2, 4, 5, 33)
27	30A	Power seats (see also Fuses 29, 40, 43) Heated seats (see also Fuses 16, 29)

610-40 ELECTRICAL COMPONENT LOCATIONS

Table g. 1991 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
28	15 A	Charging (see also Fuse 17) E-box fan (see also Fuse 17) Injection electronics (DME/EML 1.7) (see also Fuses 17, 23, 24) Power assist steering (Servotronic) Windshield washer jet heaters (see also Fuse 29)
29	7.5 A	Automatic climate control (IHKA) (see also Fuses 9, 19, 20) Automatic stability control (ASC) (see also Fuses 1, 17) Auxiliary cooling fan (see also Fuses 9, 25) Heated seats (see also Fuses 16, 27) Instrument cluster check control (see also Fuses 1, 12, 17, 20, 33) Power seats (see also Fuses 27, 40, 43) Rear headrest (see also Fuse 40) Rear window defogger (see also Fuses 21, 46)
30	7.5 A	Central body electronics (ZKE) (see also Fuses 17, 44, 47) Central locking system (ZKE) (see also Fuses 20, 31) Door lock heating (ZKE) (see also Fuse 17) Interior lights (ZKE) (see also Fuses 5, 17, 33, 44) Memory mirrors (see also Fuses 12, 16, 17, 18, 42, 44) Memory seat (see also Fuses 16, 17, 18, 42, 44) Power windows (ZKE) (see also Fuses 17, 20, 31, 44) Sunroof (ZKE) (see also Fuses 17, 20, 31, 44)
31	7.5 A	Anti-theft system (DWA) (see also Fuses 17, 18, 20) Central locking system (ZKE) (see also Fuses 20, 30) Infrared locking system (IRS) (see also Fuses 17, 51) Power windows (ZKE) (see also Fuses 17, 20, 30, 44) Sunroof (ZKE) (see also Fuses 17, 20, 30, 44)
32	15 A	Not used
33	15 A	Glove compartment/cigar lighter/ashtray light/flashlight charging plug (see also Fuses 2, 4, 5, 15, 26) Instrument cluster check control (see also Fuses 1, 12, 17, 20, 29) Interior lights (ZKE) (see also Fuses 5, 17, 30, 44) License/luggage compartment lights (see also Fuse 5)
40	30 A	Heated seats (see also Fuses 16, 27, 29) Power seats (see also Fuses 27, 29, 43) Rear headrest (see also Fuse 29)
41	30 A	Radio/CD player (see also Fuse 18)

Table g. 1991 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
42	30 A	Memory mirrors (see also Fuses 12, 16, 17, 18, 30, 44) Memory seat (see also Fuses 16, 17, 18, 30, 44) Memory steering column (see also Fuses 16, 18)
43	30 A	Power seats (see also Fuses 27, 29, 40, 42)
44	30 A	Central body electronics (ZKE) (see also Fuses 17, 30, 47) Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 17, 22) Interior lights (ZKE) (see also Fuses 17, 18, 30, 33) Memory mirrors (see also Fuses 12, 16, 17, 18, 30, 42) Memory seat (see also Fuses 16, 17, 18, 30, 42) Power windows (ZKE) (see also Fuses 17, 20, 30, 31) Sunroof (ZKE) (see also Fuses 17, 20, 30, 31) Windshield washer (ZKE) (see also Fuse 15) Windshield wipers (ZKE) (see also Fuse 15)
45	30 A	Electronic damping control (EDC III) (see also Fuse 12)
46	30 A	Rear window defogger/antenna (see also Fuses 21, 29)
47	30 A	Central body electronics (ZKE) (see also Fuses 17, 30, 44)
48	15 A	Power steering column adjust
49	10 A	Cellular telephone (see also Fuses 9, 18)
50	30 A	Accessory connector (not used)
51	7.5 A	Anti-theft system (DWA) (see also Fuses 17, 20) Infrared locking (IRS) (see also Fuses 17, 31)

CAUTION—

Fuse designations and locations are subject to change and may vary from car to car, depending on options. If questions arise, an authorized BMW dealer is the best source for the most accurate and up-to-date information.

ELECTRICAL COMPONENT LOCATIONS 610-41

Table h. 1992 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
1	15 A	Antilock brake system (ABS) (see also Fuse 17) Automatic stability control (ASC) (see also Fuses 17, 29) Automatic stability plus traction (ASC+T) (see also Fuses 17) Brake lights (see also Fuse 44) Brake pad warning (see also Fuses 17, 20) Cruise control (see also Fuse 17) Cruise control (EML) Electronic throttle control (EML 1.2) (see also Fuses 17, 20) Electronic transmission control (EGS/EML) (see also Fuse 17) Instrument cluster check control (see also Fuses 12, 15, 17, 20, 29, 33) Lamp monitor (LKM) (see also Fuses 2, 3, 4, 5, 7, 13, 14) Park/tail/marker/under hood lights (see also Fuses 4, 5, 20)
2	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 13, 14) Interior lights (ZKE) (see also Fuses 4, 5, 17, 18, 30, 33) Lamp monitor (LKM) (see also Fuses 1, 3, 4, 5, 7, 13, 14) Light switch details (see also Fuses 3, 4) Turn signal/hazard lights (see also Fuses 3, 6)
3	7.5 A	Headlights/foglights (see also Fuses 2, 5, 7, 10, 11, 13, 14) Headlight/foglight washer (ZKE) (see also Fuses 5, 17, 22, 44) Lamp monitor (LKM) (see also Fuses 1, 2, 4, 5, 7, 13, 14) Light switch details (see also Fuses 2, 4) Turn signal/hazard lights (see also Fuse 2, 6)
4	7.5 A	Interior lights (ZKE) (see also Fuses 2, 5, 17, 18, 30, 33) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 5, 7, 13, 14) License/luggage compartment lights (see also Fuse 5) Light switch details (see also Fuses 2, 3) Park/tail/marker/underhood lights (see also Fuses 1, 5, 20)
5	10 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 15, 18, 26) Headlights/foglights (see also Fuses 2, 3, 7, 10, 11, 13, 14) Headlight/foglight washer (ZKE) (see also Fuses 3, 17, 22, 44) Interior lights (ZKE) (see also Fuses 2, 4, 17, 18, 30, 33) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 7, 13, 14) License/luggage compartment lights (see also Fuse 4) Park/tail/marker/underhood lights (see also Fuses 1, 4, 20)
6	15 A	Turn signal/hazard lights (see also Fuse 2, 3)

Table h. 1992 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
7	15 A	Headlights/foglights (see also Fuses 2, 3, 5, 10, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 13, 14)
9	15 A	Automatic climate control (IHKA) (see also Fuses 19, 20, 21) Auxiliary cooling fan (see also Fuses 25, 29) Cellular telephone (see also Fuses 18, 49) Horn
10	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 11, 13, 14)
11	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 13, 14)
12	15 A	Back up lights (see also Fuse 20) Instrument cluster check control (see also Fuses 1, 15, 17, 20, 29, 33) Electronic damper control (EDC) (see also Fuse 45) Electronic mirror (see also Fuse 17) Memory mirrors (see also Fuses 16, 17, 18, 42, 44)
13	7.5 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 10, 11, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 14)
14	7.5 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 10, 11, 13) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 13)
15	7.5 A	Glove compartment/cigar lighter/ashtray light/flashlight charging plug (see also Fuses 5, 18, 26) Instrument cluster check control (see also Fuses 1, 12, 17, 20, 29, 33) On board computer (see also Fuses 17, 20) Windshield washer (ZKE) (see also Fuse 44) Windshield wipers (ZKE) (see also Fuse 44)
16	30 A	Heated seats (see also Fuse 27, 29, 40) Lumbar support Memory mirrors (see also Fuses 12, 17, 18, 42, 44) Memory seat (see also Fuses 17, 18, 30, 42, 44)

FUSE POSITION TABLES

610-42 ELECTRICAL COMPONENT LOCATIONS

Table h. 1992 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
17	7.5 A	Antilock brake system (ABS) (see also Fuse 1) Automatic stability control (ASC) (see also Fuses 1, 29) Automatic stability plus traction (ASC+T) (see also Fuse 1) Brake pad warning (see also Fuses 1, 20) Central body electronics (ZKE) (see also Fuses 30, 44, 47) Charging (see also Fuse 28) Cruise control (see also Fuse 1) Door lock heating (ZKE) (see also Fuse 30) E-box fan (see also Fuse 28) Electronic mirror (see also Fuse 12) Electronic throttle control (see also Fuses 1, 20) Electronic transmission control (EGS) Electronic transmission control (EGS/EML) (see also Fuse 1) Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 22, 44) Injection electronics (DME 1.3) (see also Fuse 23) Injection electronics (DME/EML 1.3) (see also Fuse 23) Injection electronics (DME/EML 1.7) (see also Fuse 23, 24, 28) Instrument cluster check control (see also Fuses 1, 12, 15, 20, 29, 33) Interior lights (ZKE) (see also Fuses 2, 4, 5, 18, 30, 33) Memory mirrors (see also Fuses 12, 16, 18, 42, 44) Memory seat (see also Fuses 16, 18, 30, 42, 44) On-board computer (see also Fuses 15, 20) Power windows (ZKE) (see also Fuses 20, 30, 31, 44) Start Sunroof (ZKE) (see also Fuses 20, 30, 31, 44)
18	15 A	Anti-theft system (Alpine) (see also Fuses 20, 33, 41) Cellular telephone (see also Fuses 9, 49) Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 5, 15, 26) Interior lights (see also Fuses 2, 4, 5, 17, 30, 33) Memory mirrors (see also Fuses 12, 16, 17, 42, 44) Memory seat (see also Fuses 16, 17, 30, 42, 44) Memory steering column (see also Fuses 16, 42) Radio/CD player (see also Fuse 41)
19	30 A	Automatic climate control (IHKA) (see also Fuses 8, 9, 20, 21, 29) Park ventilation (see also Fuses 20, 21)

Table h. 1992 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
20	7.5 A	Anti-theft system (Alpine) (see also Fuses 18, 33, 41) Automatic climate control (IHKA) (see also Fuses 9, 19, 21, 29) Back up lights (see also Fuse 12) Brake pad warning (see also Fuses 1, 17) Central locking system (ZKE) (see also Fuses 30, 31) Electronic throttle control (EML 1.2) (see also Fuses 1, 17) Instrument cluster check control (see also Fuses 1, 12, 15, 17, 29, 33) On board computer (see also Fuses 15, 17) Park ventilation (see also Fuses 19, 21) Park/tail/marker/underhood lights (see also Fuses 1, 4, 5) Power windows (ZKE) (see also Fuses 17, 30, 31, 44) Sunroof (ZKE) (see also Fuses 17, 30, 31, 44)
21	7.5 A	Automatic climate control (IHKA) (see also Fuses 9, 19, 20, 29) Park ventilation (see also Fuses 19, 20) Rear window defogger (see also Fuse 46)
22	30 A	Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 17, 44)
23	15 A	Injection electronics (DME 1.3) (see also Fuse 17) Injection electronics (DME/EML 1.3) (see also Fuses 17, 24, 28) Injection electronics (DME/EML 1.7) (see also Fuse 17, 24, 28)
24	15 A	Injection electronics (DME/EML 1.7) (see also Fuses 17, 23, 28)
25	30 A	Auxiliary cooling fan (see also Fuses 9, 29)
26	30 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 5, 15, 18)
27	30A	Power seats (see also Fuses 29, 40, 43) Heated seats (see also Fuses 16, 29) Rear headrest (see also Fuse 29)
28	15 A	Charging (see also Fuse 17) E-box fan (see also Fuse 17) Injection electronics (DME/EML 1.7) (see also Fuses 17, 23, 24) Power assist steering (Servotronic)
29	7.5 A	Automatic climate control (IHKA) (see also Fuses 9, 19, 20, 21) Automatic stability control (ASC) (see also Fuses 1, 17) Auxiliary cooling fan (see also Fuses 9, 25) Heated seats (see also Fuses 16, 27) Instrument cluster check control (see also Fuses 1, 12, 15, 17, 20, 33) Power seats (see also Fuses 27, 40, 43) Rear headrest (see also Fuse 27) Rear window defogger (see also Fuses 21, 46) Windshield washer jet heaters

ELECTRICAL COMPONENT LOCATIONS 610-43

Table h. 1992 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
30	7.5 A	Central body electronics (ZKE) (see also Fuses 17, 44, 47) Central locking system (ZKE) (see also Fuses 20, 31) Door lock heating (ZKE) (see also Fuse 17) Interior lights (ZKE) (see also Fuses 5, 17, 33) Memory seat (see also Fuses 16, 17, 18, 42, 44) Power windows (ZKE) (see also Fuses 17, 20, 31, 44) Sunroof (ZKE) (see also Fuses 17, 20, 31, 44)
31	7.5 A	Central locking system (ZKE) (see also Fuses 20, 30) Power windows (ZKE) (see also Fuses 17, 20, 30, 44) Sunroof (ZKE) (see also Fuses 17, 20, 30, 44)
32	15 A	Not used
33	15 A	Glove compartment/cigar lighter/ashtray light/flashlight charging plug (see also Fuses 2, 4, 5, 15, 26) Instrument cluster check control (see also Fuses 1, 12, 15, 17, 20, 29) Interior lights (ZKE) (see also Fuses 5, 17, 30) License/luggage compartment lights (see also Fuse 5)
40	30 A	Heated seats (see also Fuses 16, 27, 29) Power seats (see also Fuses 27, 29, 43) Rear headrest (see also Fuse 29)
41	30 A	Radio/CD player (see also Fuse 18)
42	30 A	Memory mirrors (see also Fuses 12, 16, 17, 18, 44) Memory seat (see also Fuses 16, 17, 18, 30, 44) Memory steering column (see also Fuses 16, 18)
43	30 A	Power seats (see also Fuses 27, 29, 40, 42)
44	30 A	Brake lights (see also Fuse 1) Central body electronics (ZKE) (see also Fuses 17, 30, 47) Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 17, 22) Memory mirrors (see also Fuses 12, 16, 17, 18, 42) Memory seat (see also Fuses 16, 17, 18, 30, 42) Power windows (ZKE) (see also Fuses 17, 20, 30, 31) Sunroof (ZKE) (see also Fuses 17, 20, 30, 31) Windshield washer (ZKE) (see also Fuse 15) Windshield wipers (ZKE) (see also Fuse 15)
45	30 A	Electronic damping control (EDC III) (see also Fuse 12)
46	30 A	Rear window defogger/antenna (see also Fuses 21, 29)

Table h. 1992 735i/735iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
47	30 A	Central body electronics (ZKE) (see also Fuses 17, 30, 44)
48	15 A	Power steering column adjust
49	10 A	Cellular telephone (see also Fuses 9, 18)

CAUTION—

Fuse designations and locations are subject to change and may vary from car to car, depending on options. If questions arise, an authorized BMW dealer is the best source for the most accurate and up-to-date information.

610-44 ELECTRICAL COMPONENT LOCATIONS

Table i. 1993-94 740i/740iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
1	15 A	Antilock brake system (ABS) (see also Fuse 17) Brake lights Brake pad warning (see also Fuses 17, 20) Cruise control (see also Fuse 17) Cruise control (EML) Electronic throttle control (EML 1.2) (see also Fuses 17, 20) Electronic transmission control (EGS/EML) (see also Fuse 17) Instrument cluster check control (see also Fuses 12, 17, 20, 29, 33) Lamp monitor (LKM) (see also Fuses 2, 3, 4, 5, 7, 10, 11, 13, 14) Park/tail/marker/underhood lights (see also Fuses 4, 5, 20) Slip control (ABS/ASC+T) (see also Fuses 17, 60, 62)
2	7.5 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 4, 15, 18, 26) Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 10, 11, 13, 14, 61, 63) Headlight/foglight washer (ZKE) (see also Fuses 3, 4, 5, 17, 22, 44) Interior lights (ZKE) (see also Fuses 4, 5, 17, 18, 30, 33) Lamp monitor (LKM) (see also Fuses 1, 3, 4, 5, 7, 10, 11, 13, 14) Light switch details (see also Fuses 3, 4) Turn signal/hazard lights (see also Fuses 3, 6, 13, 14)
3	7.5 A	Headlights/foglights (see also Fuses 2, 4, 5, 7, 10, 11, 13, 14, 61, 63) Headlight/foglight washer (ZKE) (see also Fuses 2, 4, 5, 17, 22, 44) Lamp monitor (LKM) (see also Fuses 1, 2, 4, 5, 7, 10, 11, 13, 14) Light switch details (see also Fuses 2, 4, 5) Turn signal/hazard lights (see also Fuse 2, 6, 13, 14)
4	7.5 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 4, 15, 18, 26) Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 11, 13, 14, 61, 63) Headlight/foglight washer (ZKE) (see also Fuses 2, 3, 5, 17, 22, 44) Interior lights (ZKE) (see also Fuses 2, 5, 17, 18, 30, 33) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 5, 7, 10, 11, 13, 14) License/luggage compartment lights (see also Fuse 5) Light switch details (see also Fuses 2, 3, 5) Park/tail/marker/underhood lights (see also Fuses 1, 5, 20)

Table i. 1993-94 740i/740iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
5	10 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 2, 4, 15, 18, 26) Headlights/foglights (see also Fuses 2, 3, 4, 7, 10, 11, 13, 14, 61, 63) Headlight/foglight washer (ZKE) (see also Fuses 3, 17, 22, 44) Interior lights (ZKE) (see also Fuses 2, 4, 17, 18, 30, 33) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 7, 10, 11, 13, 14) License/luggage compartment lights (see also Fuse 4) Light switch details (see also Fuses 2, 3, 4) Park/tail/marker/underhood lights (see also Fuses 1, 4, 20)
6	15 A	Turn signal/hazard lights (see also Fuse 2, 3)
7	15 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 10, 11, 13, 14, 61, 63) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 10, 11, 13, 14)
9	15 A	Automatic climate control (IHKA) (see also Fuses 19, 20, 21, 25, 29) Cellular telephone (see also Fuses 18, 49) Horn Memory seat (see also Fuses 16, 17, 18, 42, 44)
10	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 11, 13, 14) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 11, 13, 14, 61, 63)
11	7.5 A	Headlights/foglights (see also Fuses 2, 3, 5, 7, 10, 13, 14, 61, 63) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 13, 14)
12	15 A	Back up lights (see also Fuse 20) Electronic mirror (see also Fuse 51) Instrument cluster check control (see also Fuses 1, 17, 20, 29, 33) Lumbar support (see also Fuse 16) Memory mirrors (see also Fuses 16, 17, 18, 42, 44) Electronic damping control (EDC III) (see also Fuse 45)
13	7.5 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 10, 11, 14, 61, 63) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 11, 14) Turn signal/hazard lights (see also Fuses 2, 3, 6, 14)
14	7.5 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 10, 11, 13, 61, 63) Lamp monitor (LKM) (see also Fuses 1, 2, 3, 4, 5, 7, 10, 11, 13) Turn signal/hazard lights (see also Fuses 3, 6, 13)

ELECTRICAL COMPONENT LOCATIONS 610-45

Table i. 1993-94 740i/740iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
15	7.5 A	Glove compartment/cigar lighter/ashtray light/flashlight charging plug (see also Fuses 2, 4, 5, 18, 26) On board computer (see also Fuses 17, 20) Windshield washer (ZKE) (see also Fuse 44) Windshield wipers (ZKE) (see also Fuse 44)
16	30 A	Heated seats (see also Fuse 27, 29, 40) Lumbar support (see also Fuse 12) Memory mirrors (see also Fuses 12, 17, 18, 42, 44) Memory seat (see also Fuses 9, 17, 18, 42, 44) Power steering column adjust (see also Fuse 18)
17	7.5 A	Antilock brake system (ABS) (see also Fuse 1) Brake pad warning (see also Fuses 1, 20) Central body electronics (ZKE) (see also Fuses 30, 44, 47) Charging (see also Fuse 28) Cruise control (see also Fuse 1) Door lock heating (ZKE) (see also Fuse 30) E-box fan (see also Fuse 23) Electronic throttle control (EML 1.3) (see also Fuses 1, 20) Electronic throttle control (EML 1.7) (see also Fuses 1, 20) Electronic transmission control (EGS) Electronic transmission control (EGS/EML) (see also Fuse 1) Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 22, 44) Injection electronics (DME 1.3) (see also Fuse 23) Injection electronics (DME/EML 1.3) (see also Fuse 23) Injection electronics (DME/EML 1.7) (see also Fuse 23, 24, 28) Instrument cluster check control (see also Fuses 1, 12, 20, 29, 33) Interior lights (ZKE) (see also Fuses 2, 4, 5, 18, 30, 33) Memory mirrors (see also Fuses 12, 16, 18, 42, 44) Memory seat (see also Fuses 16, 18, 42, 44) On-board computer (see also Fuses 15, 20) Power windows (ZKE) (see also Fuses 20, 30, 31, 44) Slip control (ABS/ASC+T) (see also Fuses 1, 60, 62) Start Sunroof (ZKE) (see also Fuses 20, 30, 31, 44)

Table i. 1993-94 740i/740iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
18	15 A	Anti-theft system (Alpine) (see also Fuses 20, 41) Cellular telephone (see also Fuses 9, 49) Electric sun blind (see also Fuse 32) Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 2, 4, 5, 15, 26) Interior lights (see also Fuses 2, 4, 5, 17, 30, 33) Memory mirrors (see also Fuses 12, 16, 17, 42, 44) Memory seat (see also Fuses 9, 16, 17, 42, 44) Power steering column adjust (see also Fuse 16) Radio/CD player (see also Fuse 41)
19	30 A	Automatic climate control (IHKA) (see also Fuses 8, 9, 20, 21, 29) Park ventilation (see also Fuses 20, 21)
20	7.5 A	Anti-theft system (Alpine) (see also Fuses 18, 41) Automatic climate control (IHKA) (see also Fuses 9, 19, 21, 29) Back up lights (see also Fuse 12) Brake pad warning (see also Fuses 1, 17) Central locking system (ZKE) (see also Fuses 30, 31) Electronic throttle control (EML 1.2) (see also Fuses 1, 17) Instrument cluster check control (see also Fuses 1, 12, 17, 29, 33) On board computer (see also Fuses 15, 17) Park ventilation (see also Fuses 19, 21) Park/tail/marker/underhood lights (see also Fuses 1, 4, 5) Power windows (ZKE) (see also Fuses 17, 30, 31, 44) Sunroof (ZKE) (see also Fuses 17, 30, 31, 44)
21	7.5 A	Automatic climate control (IHKA) (see also Fuses 9, 19, 20, 29) Park ventilation (see also Fuses 19, 20) Rear window defogger (see also Fuse 46)
22	30 A	Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 17, 44)
23	15 A	E-box fan (see also Fuse 17) Injection electronics (DME 1.3) (see also Fuse 17) Injection electronics (DME/EML 1.3) (see also Fuses 17, 24, 28) Injection electronics (DME/EML 1.7) (see also Fuse 17, 24, 28)
24	15 A	Injection electronics (DME/EML 1.7) (see also Fuses 17, 23, 28)
25	30 A	Auxiliary cooling fan (see also Fuse 29) Automatic climate control (IHKA) (see also Fuses 19, 20, 21, 29)
26	30 A	Glove compartment light/cigar lighter/ashtray light/charging plug (see also Fuses 2, 4, 5, 15, 18)

610-46 ELECTRICAL COMPONENT LOCATIONS

Table i. 1993-94 740i/740iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
27	30A	Power seats (see also Fuses 29, 40, 43) Heated seats (see also Fuses 16, 29) Rear headrest (see also Fuse 29)
28	15 A	Charging (see also Fuse 17) Injection electronics (DME/EML 1.7) (see also Fuses 17, 23, 24) Power assist steering (Servotronic)
29	7.5 A	Automatic climate control (IHKA) (see also Fuses 9, 19, 20, 25) Auxiliary cooling fan (see also Fuse 25) Heated seats (see also Fuses 16, 27) Instrument cluster check control (see also Fuses 1, 12, 17, 20, 33) Power seats (see also Fuses 27, 40, 43) Rear headrest (see also Fuse 27) Rear window defogger (see also Fuses 21, 46) Windshield washer jet heaters
30	7.5 A	Central body electronics (ZKE) (see also Fuses 17, 44, 47) Central locking system (ZKE) (see also Fuses 20, 31) Door lock heating (ZKE) (see also Fuse 17) Interior lights (ZKE) (see also Fuses 5, 17, 33) Power windows (ZKE) (see also Fuses 17, 20, 31, 44) Sunroof (ZKE) (see also Fuses 17, 20, 31, 44)
31	7.5 A	Central locking system (ZKE) (see also Fuses 20, 30) Power windows (ZKE) (see also Fuses 17, 20, 30, 44) Sunroof (ZKE) (see also Fuses 17, 20, 30, 44)
32	15 A	Electronic sun blind (see also Fuse 18)
33	15 A	Glove compartment/cigar lighter/ashtray light/flashlight charging plug (see also Fuses 2, 4, 5, 15, 26) Instrument cluster check control (see also Fuses 1, 12, 17, 20, 29) Interior lights (ZKE) (see also Fuses 5, 17, 30) License/luggage compartment lights (see also Fuse 5)
40	30 A	Heated seats (see also Fuses 16, 27, 29) Power seats (see also Fuses 27, 29, 43) Rear headrest (see also Fuse 29)
41	30 A	Anti-theft system (Alpine) Radio/CD player (see also Fuse 18)
42	30 A	Memory mirrors (see also Fuses 12, 16, 17, 18, 44) Memory seat (see also Fuses 9, 16, 17, 18, 44) Memory steering column (see also Fuses 16, 18)
43	30 A	Power seats (see also Fuses 27, 29, 40, 42)

Table i. 1993-94 740i/740iL/750iL Fuse Positions

Fuse	Rating	Protected Circuit
44	30 A	Central body electronics (ZKE) (see also Fuses 17, 30, 47) Headlight/foglight washer (ZKE) (see also Fuses 3, 5, 17, 22) Memory mirrors (see also Fuses 12, 16, 17, 18, 42) Memory seat (see also Fuses 9, 16, 17, 18, 42) Power windows (ZKE) (see also Fuses 17, 20, 30, 31) Sunroof (ZKE) (see also Fuses 17, 20, 30, 31) Windshield washer (ZKE) (see also Fuse 15) Windshield wipers (ZKE) (see also Fuse 15)
45	30 A	Electronic damping control (EDCIII) (see also Fuse 12)
46	30 A	Rear window defogger/antenna (see also Fuses 21, 29)
47	30 A	Central body electronics (ZKE) (see also Fuses 17, 30, 44)
48	15 A	Power steering column adjust
49	10 A	Airbag (SRS) Cellular telephone (see also Fuses 9, 18)
51	7.5 A	Electronic mirror (see also Fuse 12)
60	30 A	Slip control (ABS/ASC+T) (see also Fuses 1, 17, 62)
61	5 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 10, 11, 13, 14, 63)
62	15 A	Engine control system (DME 3.3) Slip control (ABS/ASC+T) (see also Fuses 62)
63	5 A	Headlights/foglights (see also Fuses 2, 3, 4, 5, 7, 10, 11, 13, 14, 61)

CAUTION—

Fuse designations and locations are subject to change and may vary from car to car, depending on options. If questions arise, an authorized BMW dealer is the best source for the most accurate and up-to-date information.

