

2003-05 ELECTRICAL

Fuses & Circuit Breakers - Z4

IDENTIFICATION

WARNING: Vehicles are equipped with air bag supplemental restraint system. Before attempting any repairs involving steering column, instrument panel or related components, see appropriate **AIR BAG SAFETY PRECAUTIONS** and **DISABLING & ACTIVATING AIR BAG SYSTEM** in **AIR BAG RESTRAINT SYSTEMS** article.

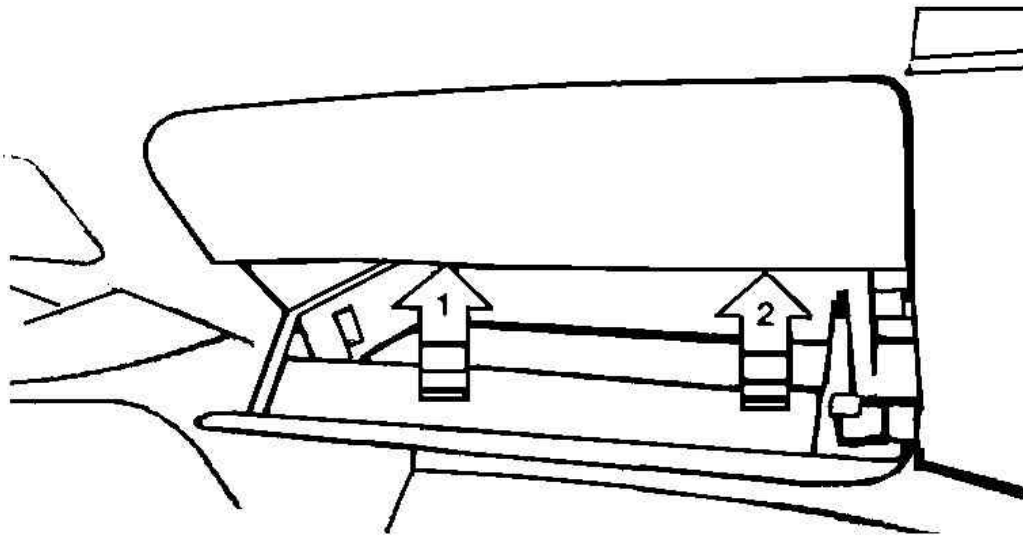
CAUTION: When battery is disconnected, vehicle computer and memory systems may lose memory data. Driveability problems may exist until computer systems have completed a relearn cycle. See appropriate **COMPUTER RELEARN PROCEDURES** article in **GENERAL INFORMATION** before disconnecting battery.

COMPONENT IDENTIFICATION

FUSES BEHIND GLOVE BOX

NOTE: Numbers in text refer to numbers in figures.

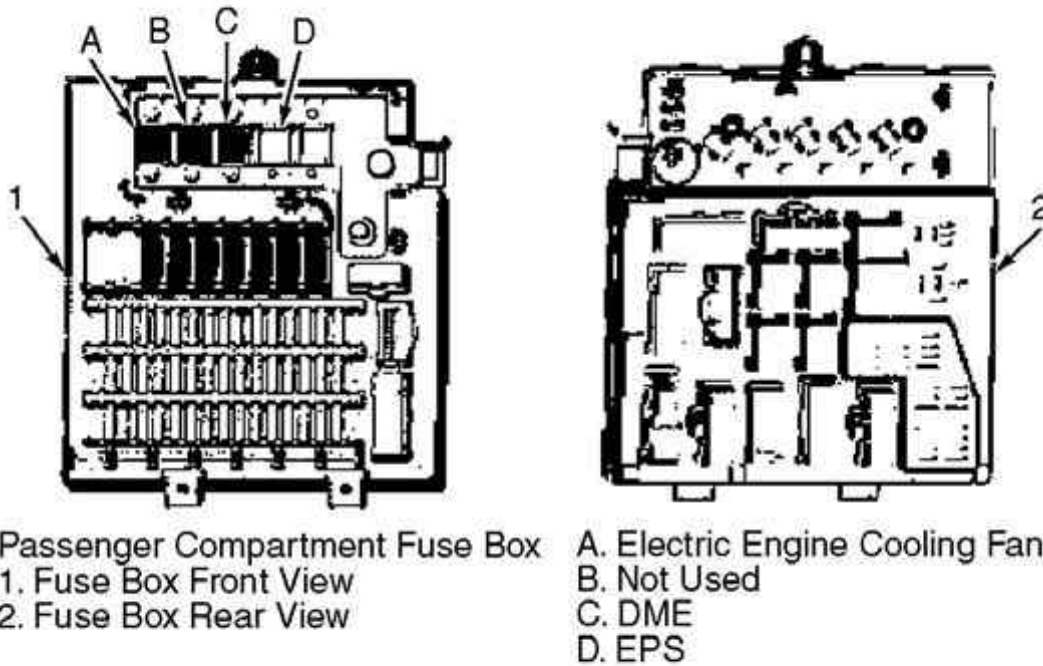
Fuses are located behind glove box. To access fuses, open glove box. Press the locks (1, 2) on the left and right. Swing glove box down. See **Fig. 1** . For location, amperage and components covered, see **Fig. 2** and **Fig. 3** .



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Fig. 1: Accessing Fuse Box

Courtesy of BMW OF NORTH AMERICA, INC.

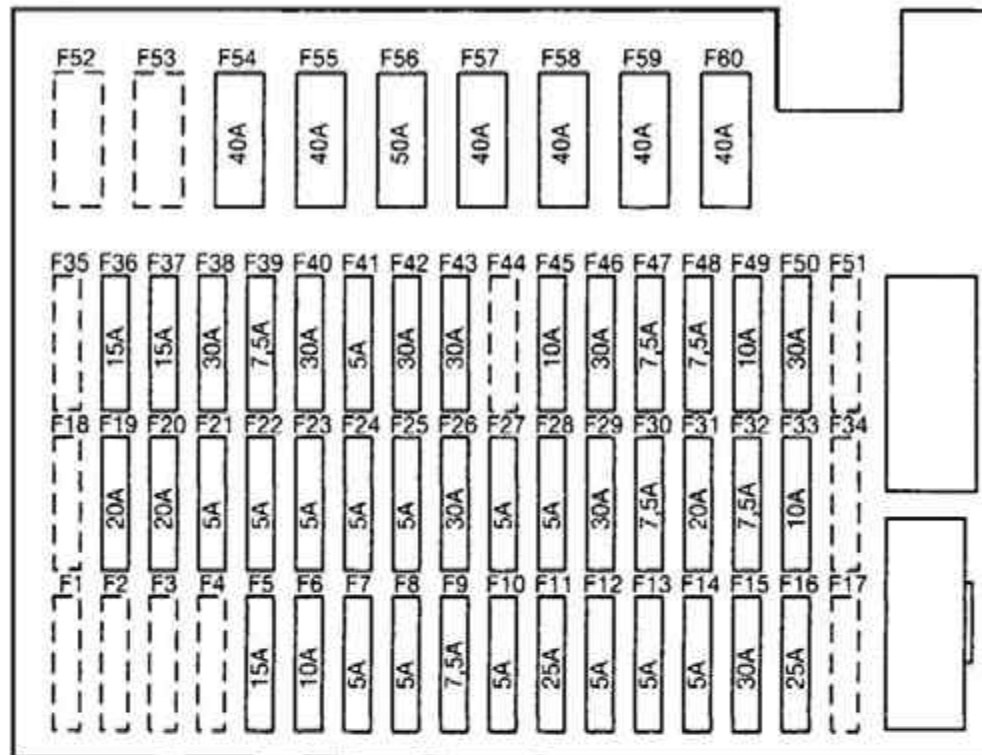


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Fig. 2: Identifying Front & Rear Of Fuse/Relay Box
Courtesy of BMW OF NORTH AMERICA, INC.

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Equipment	Fuse	Equipment	Fuse
Airbag	13,45	Interior and luggage comp. lights	10,12,26
ASC/DSC	7,24,42,43	Lighting circuits: (low-beam headlights, high-beam headlights, brake lights, side lights, turn indicators, hazard warning flashers, rear lights, LWR)	14,23,59,60
CD-Changer	48	Mirror adjustment	8
Central locking system	11,30	Mirror heating driver, passenger	8,21
Cigarette lighter	5	Multi-function steering wheel	28
Cigarette lighter Australia	5,8	Navigation,TV	49
Clutch switch	14	OBDII power socket	9,24
Cruise control	28	PDC (Park distance control)	8
DMTL (fuel leakage diagnosis)	33	Power soft top	12,31,55
EGS transmission control	9	Radio	47,50
Electric seat heating	12,16	Rain sensor	28
Electrical circuits	12	Reversing lights	6
Electrics box fan	33	Seat adjustment left	29
Electrochromic inside and outside mirrors	25	Seat adjustment right	15
EPS (electr. steering)	22	Secondary air pump	33,56
EWS (electronic immobiliser)	10,12,54	Shifting gate illumination US	24
Fold-in mirrors	27	Sport switch	7
Front fog lights	36	SMG control	9,32
Fuel pump	19,33	Telephone	49
Headlight cleaning system	40	Thiefproofing system	30
Heated blower	57	Window lift	41,46
Heated rear window	20,25	Wipe-Wash system	38
Heated spray nozzles	21		
Heater/Air conditioning	22,39		
Horn	14,37		
Ignition starter switch	54,58		
Instrument cluster	12,23,24		

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Fig. 3: Identifying Fuse Location, Amperage & Components Covered
Courtesy of BMW OF NORTH AMERICA, INC.