

Fuses

Your vehicle's electrical system is protected by fuses.

If any lights, accessories, or controls don't work, inspect the appropriate circuit protector. If a fuse has blown, the inside element will be melted.

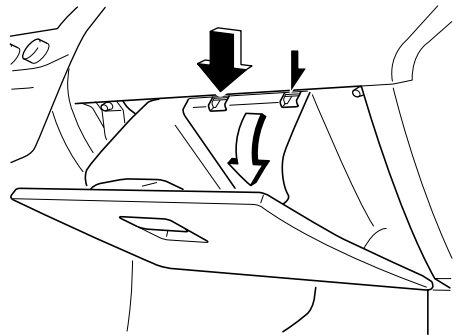
If the same fuse blows again, avoid using that system and consult an Authorized Mazda Dealer as soon as possible.

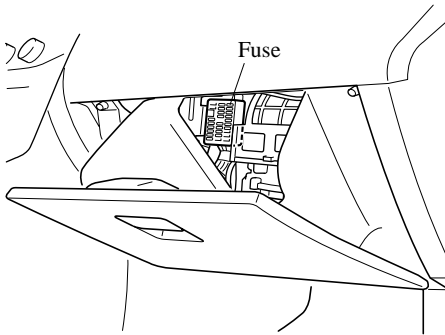
▼ Fuse Replacement

Replacing fuses located behind the glove compartment

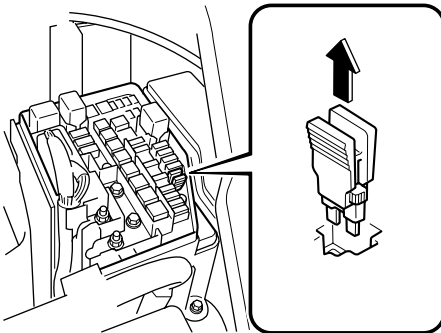
If an electrical system is inoperative, inspect the fuses located behind the glove compartment.

1. Turn off the ignition switch and other switches.
2. Open the glove compartment.
3. Remove the cover.

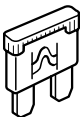




4. Pull the fuse straight out with the fuse puller provided on the fuse block located in the engine compartment.



5. Inspect the fuse and replace it if it's blown.



Normal



Blown

6. Insert a new fuse of the same amperage rating, and make sure it fits tightly. If it does not fit tightly, have an expert install it. We recommend an Authorized Mazda Dealer.

If you have no spare fuses, borrow one of the same rating from a circuit not essential to vehicle operation, such as the ROOM circuit.

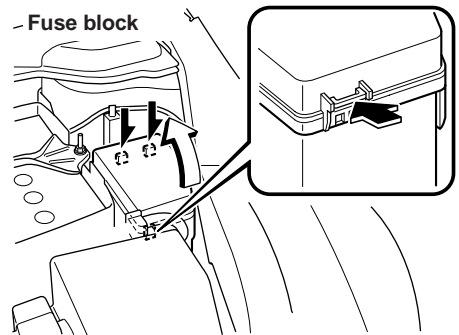
CAUTION

Always replace a fuse with one of the same rating. Otherwise you may damage the electric system.

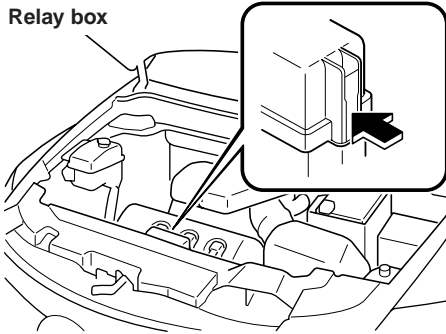
Replacing the fuses under the hood

If the headlights or other electrical components do not work and the fuses in the cabin are normal, inspect the fuse block under the hood. If a fuse is blown, it must be replaced. Follow these steps:

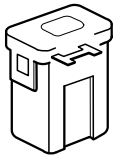
1. Turn off the ignition switch and all other switches.
2. Remove the fuse block cover or the relay box cover.



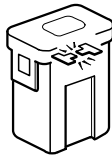
Owner Maintenance



3. If any fuse but the MAIN fuse is blown, replace it with a new one **of the same amperage rating**.



Normal



Blown

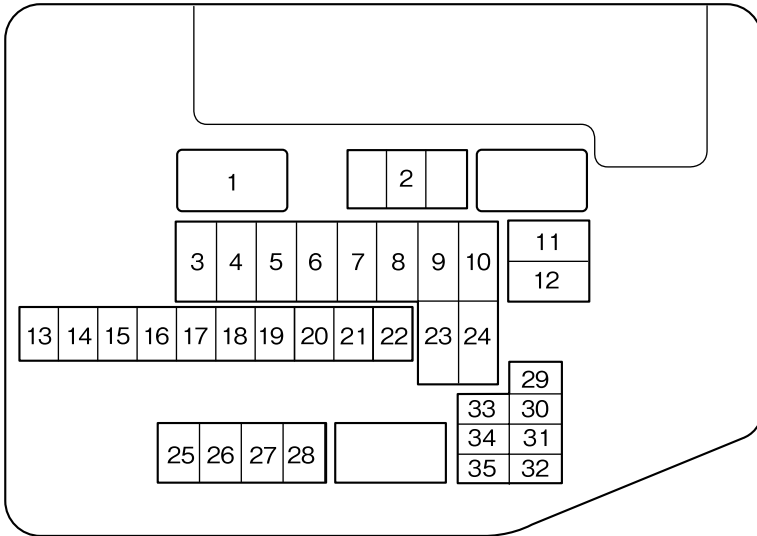
⚠ WARNING

Do not replace the main fuse by yourself. Have an Authorized Mazda Dealer perform the replacement:

Replacing the fuse by yourself is dangerous because the MAIN fuse is a high current fuse. Incorrect replacement could cause an electrical shock or a short circuit resulting in a fire.

▼ **Fuse Panel Description**

Fuse block (Engine compartment)

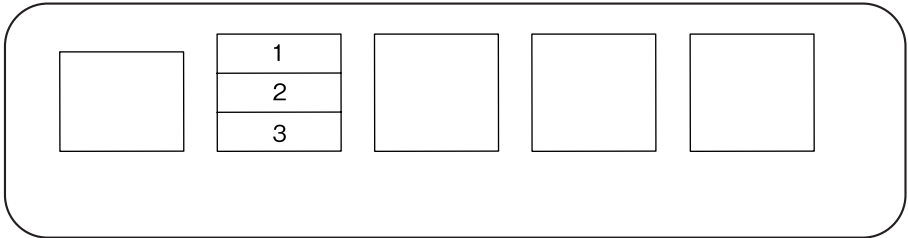


DESCRIPTION	FUSE RATING	PROTECTED COMPONENT
1	150A	For protection of all circuits
2	20A	Transaxle control system
3	40A	Heater
4	30A	Power seat (RH) *
5	50A	Heater
6	40A	For protection of various circuits
7	30A *	Cooling fan
	40A *	
8	40A	Power seat (LH) *
9	30A	Rear window defroster
10	40A	For protection of various circuits
11	30A	Fuel pump
12	30A	For protection of various circuits
13	15A	Fog lights *
14	30A	ABS solenoid
15	25A	Power door locks
16	15A	Overhead light

Owner Maintenance

DESCRIPTION		FUSE RATING	PROTECTED COMPONENT
17	OUTLET CTR	15A	Accessory socket (Center)
18	OUTLET RR	15A	Accessory socket (Rear)
19	AC PWR	15A	Moon roof*, DC/AC inverter
20	S.WARM	15A	Seat warmer*
21	A/C MAG	10A	Air conditioner
22	BOSE	25A	Audio system (Bose® Sound System-equipped model)*
23	FAN2	30A*	Cooling fan
		40A*	
24	ABS	50A	ABS
25	IG COIL	25A	Ignition system
26	H/L LOW L	15A	Headlight-left (Low beam)
27	H/L LOW R	15A	Headlight-right (Low beam)
28	H/L HIGH	20A	Headlight-high (High beam)
29	HAZARD	15A	Hazard warning flashers
30	ENG +B	10A	PCM
31	HORN	15A	Horn
32	STOP	7.5A	Brake lights
33	EGI INJ	10A	Engine control system
34	ENG BAR	20A	Air flow sensor, EGR control valve
35	ENG BAR 2	7.5A	PCM

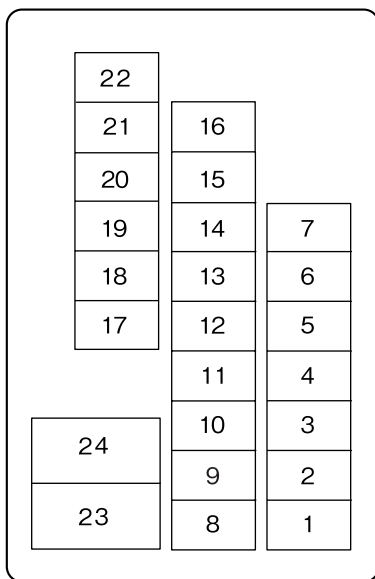
Relay box (Engine compartment)*



DESCRIPTION		FUSE RATING	PROTECTED COMPONENT
1	INJ	7.5A	Injectors
2	—	—	—
3	—	—	—

Owner Maintenance

Fuse block (Glove box)



DESCRIPTION		FUSE RATING	PROTECTED COMPONENT
1	OUTLET FR	15A	Accessory socket (Front)
2	MIRROR	7.5A	Power control mirror
3	—	—	—
4	METER	10A	Instrument cluster
5	SAS	7.5A	ABS, Air bag
6	ENG.IGA	7.5A	Engine control system
7	STA	7.5A	Ignition system
8	—	—	—
9	A/C	7.5A	Air conditioner
10	R.WIPER	15A	Rear window wiper and washer
11	TRAILER	—	—
12	P.LIFT GATE	20A	Power lift gate*
13	SUNROOF	15A	Moonroof*
14	AUDIO	10A	Audio system
15	M.DEF	10A	Mirror defroster*
16	—	—	—
17	TAIL	10A	Taillight
18	ILLUMI	10A	Dashboard illumination
19	INJ	7.5A	Injectors

Owner Maintenance

	DESCRIPTION	FUSE RATING	PROTECTED COMPONENT
20	—	—	—
21	OUTLET CTR	—	—
22	OUTLET RR	—	—
23	WIPER	30A	Windshield wiper and washer
24	P.WIND	30A	Power windows