

4-3. Do-it-yourself maintenance

Checking and replacing fuses

If any of the electrical components do not operate, a fuse may have blown. If this happens, check and replace the fuses as necessary.

STEP 1 Turn the engine switch OFF.

STEP 2 Remove the engine compartment cover.
→P. 283

STEP 3 Open the fuse box cover.



► Engine compartment

Push the tabs in and lift the lid off.



► Driver's side instrument panel

Remove the lid.

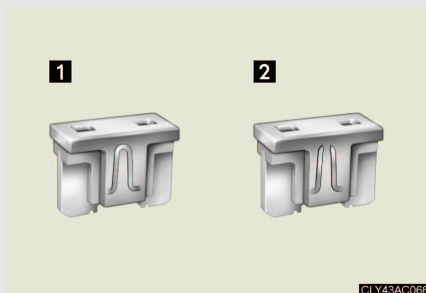
STEP 4 After a system failure, see "Fuse layout and amperage ratings" (→P. 317) for details about which fuse to check.

STEP 5



Remove the fuse with the pull-out tool.

STEP 6 Check if the fuse has blown.

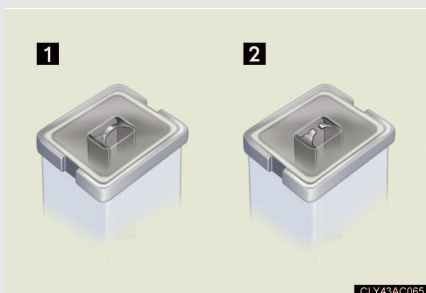


► Type A

1 Normal fuse

2 Blown fuse

Replace it with one of an appropriate amperage rating. The amperage rating can be found on the fuse box lid.

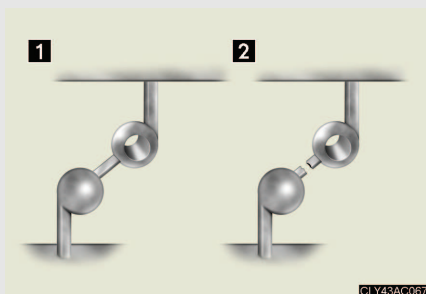


► Type B

1 Normal fuse

2 Blown fuse

Replace it with one of an appropriate amperage rating.



► Type C

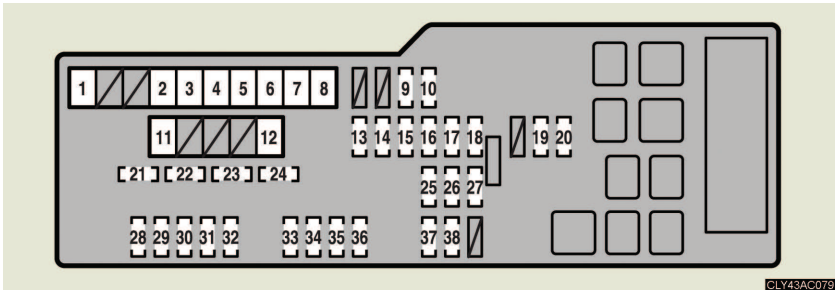
1 Normal fuse

2 Blown fuse

Contact your Lexus dealer.

Fuse layout and amperage ratings

■ Engine compartment

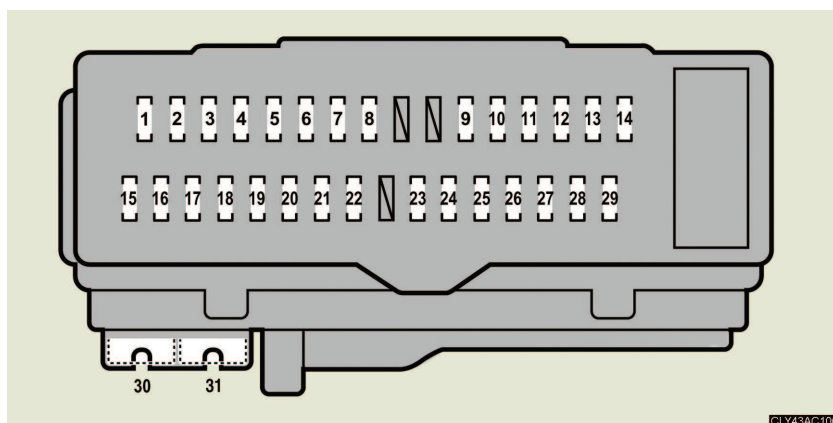


Fuse	Ampere	Circuit
1	30 A	Pre-collision seat belt
2	30 A	——
3	30 A	Power seat
4	50 A	Rear window defogger
5	30 A	Anti-lock brake system, vehicle stability control system
6	50 A	Electric cooling fans
7	50 A	Anti-lock brake system, vehicle stability control system
8	50 A	Air conditioning system
9	10 A	——
10	10 A	Alternator condenser
11	30 A	Starting system

Fuse		Ampere	Circuit
12	ALT	140 A	PSB, H-LP CLN, P-P/SEAT, RR DEF, ABS NO.2, FAN MAIN, ABS NO.1, HTR, RR FOG, RR DOOR RH, RR DOOR LH, FUEL OPN, FR FOG, OBD, STOP, TI & TE, A/C, PWR, DOOR NO.2, S/ROOF, GAUGE NO.2, POWER, P/SEAT
13	STR LOCK	20 A	Steering lock system
14	IG2	20 A	GAUGE NO.2, IGN, multiport fuel injection system/sequential multiport fuel injection system
15	HAZ	15 A	Turn signal lights
16	ETCS	10 A	Electronic throttle control system
17	E-ACM	10 A	Electric active control mount
18	A/C CTRL PNL	15 A	Air conditioning system
19	ALT-S	7.5 A	Charging system
20	AM2	7.5 A	Starting system
21	EFI MAIN	30 A	EFI NO.2, EFI NO.3, fuel system, ECT system
22	AMP	30 A	Audio system
23	AMP2	30 A	Audio system
24	DOOR NO.1	25 A	Power door lock system
25	RADIO NO.1	15 A	Audio system
26	ECU-B NO.1	10 A	ECU powers
27	DOME	10 A	Interior lights, meters, vanity lights
28	H-LP (LH)	15 A	Left-hand headlight (high beam)
29	H-LP (RH)	15 A	Right-hand headlight (high beam)

	Fuse	Ampere	Circuit
30	H-LP (LL)	15 A	Left-hand headlight (low beam)
31	H-LP (RL)	15 A	Right-hand headlight (low beam)
32	HORN	10 A	Horns
33	EFI NO.1	10 A	Multiport fuel injection system/ sequential multiport fuel injection system, ECT system
34	MPX-B	10 A	Meters
35	A/F	20 A	Multiport fuel injection system/ sequential multiport fuel injection system
36	S-HORN	7.5 A	Horn
37	EFI NO.2	15 A	Multiport fuel injection system/ sequential multiport fuel injection system
38	EFI NO.3	10 A	Multiport fuel injection system/ sequential multiport fuel injection system

■ Driver's side instrument panel



Fuse		Ampere	Circuit
1	RR DOOR RH	25 A	Power window
2	RR DOOR LH	25 A	Power window
3	FUEL OPN	7.5 A	Fuel filler door opener
4	FR FOG	15 A	Front fog lights
5	OBD	7.5 A	On-board diagnosis system
6	ECU-B NO.2	7.5 A	ECU powers
7	STOP	10 A	Stop lights
8	TI & TE	30 A	Tilt and telescopic steering
9	A/C	7.5 A	Air conditioning system
10	PWR	25 A	Power windows
11	DOOR NO.2	25 A	Main body ECU
12	S/ROOF	30 A	Moon roof
13	TAIL	10 A	Front and rear side marker lights, tail lights, license plate lights

Fuse		Ampere	Circuit
14	PANEL	7.5 A	Seat heaters, air conditioning system, audio system, rear sunshade, steering switches, fuel filler door opener, outside rear view mirror
15	ECU-IG NO.1	10 A	Moon roof, seat heaters, power windows, clock, automatic windshield wiper, electric cooling fans, driving position memory system, seat position memory system
16	ECU-IG NO.2	7.5 A	Anti-lock brake system, vehicle stability control system, traction control system, brake assist system, cruise control system, stop lights, shift lock control system
17	A/C NO.2	10 A	Air conditioning system, rear window defogger
18	WASH	10 A	Windshield washer
19	S-HTR	20 A	Seat heaters, air conditioning system
20	GAUGE NO.1	10 A	Emergency flashers, back-up lights, rear sunshade, charging system
21	WIP	25 A	Windshield wipers
22	H-LP LVL	7.5 A	Headlight leveling system
23	IGN	10 A	Multipoint fuel injection system/ sequential multipoint fuel injection system, SRS airbag system, steering lock system
24	GAUGE NO.2	7.5 A	Meters
25	ECU-ACC	7.5 A	Clock, main body ECU
26	CIG	20 A	Cigarette lighter

	Fuse	Ampere	Circuit
27	PWR OUTLET	20 A	Power outlet
28	RADIO NO. 2	7.5 A	Audio system
29	MIR HTR	15 A	Outside rear view mirror defoggers
30	POWER	30 A	Power window
31	P/SEAT	30 A	Power seat

■ After a fuse is replaced

- If the lights do not turn on even after the fuse has been replaced, a bulb may need replacement. (→P. 325)
- If the replaced fuse blows again, have the vehicle inspected by your Lexus dealer.

■ If there is an overload in the circuits

The fuses are designed to blow before the entire wiring harness is damaged.

CAUTION

■ To prevent system breakdowns and vehicle fire

- Observe the following precautions.
Failing to do so may cause damage, and possibly a fire or injury.
- Never use a fuse of a higher amperage rating than indicated, or use any other object in place of a fuse.
- Always use a genuine Lexus fuse or equivalent.
Never replace a fuse with a wire, even as a temporary fix.
This can cause extensive damage or even fire.
- Do not modify fuses or the fuse box.

 NOTICE**■ Before replacing fuses**

Have the cause of electrical overload determined and repaired by your Lexus dealer.