

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.

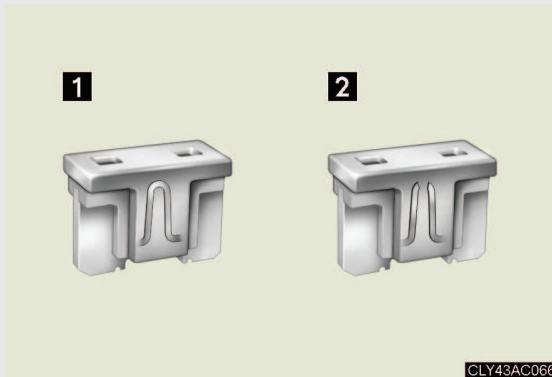
STEP 4 After a system failure, see "Fuse layout and amperage ratings" (→P. 317) for details about which fuse to check.

STEP 5



Remove the fuse with the pull-out tool.

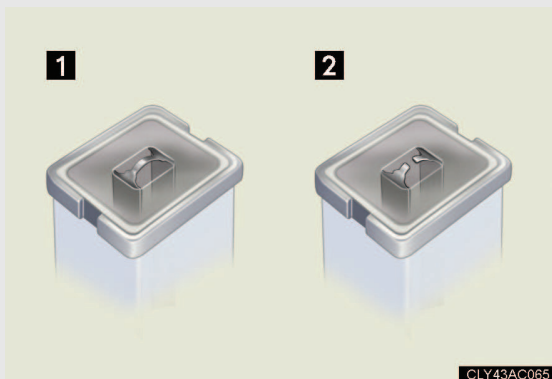
STEP 6 Check if the fuse has blown.



► Type A

- 1 Normal fuse
- 2 Blown fuse

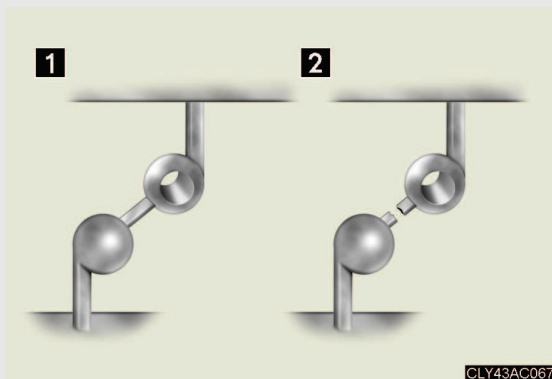
Replace it with one of an appropriate amperage rating. The amperage rating can be found on the fuse box lid.



► Type B

- 1 Normal fuse
- 2 Blown fuse

Replace it with one of an appropriate amperage rating.



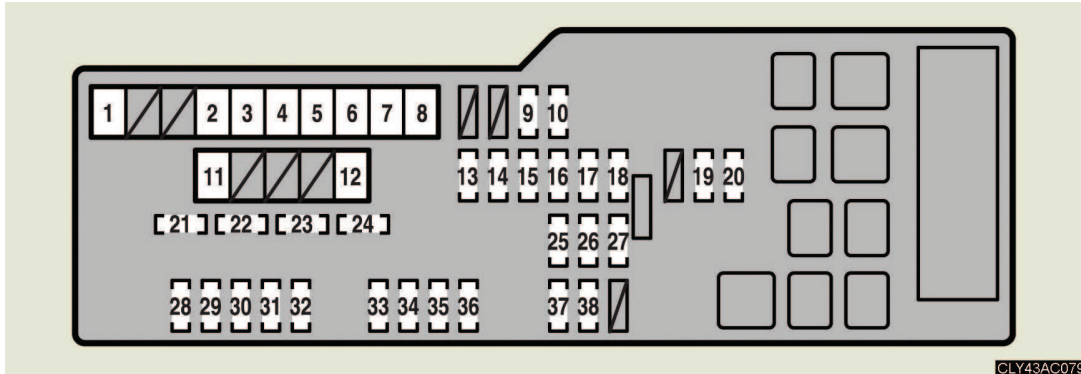
► Type C

- 1 Normal fuse
- 2 Blown fuse

Contact your Lexus dealer.

Fuse layout and amperage ratings

■ Engine compartment



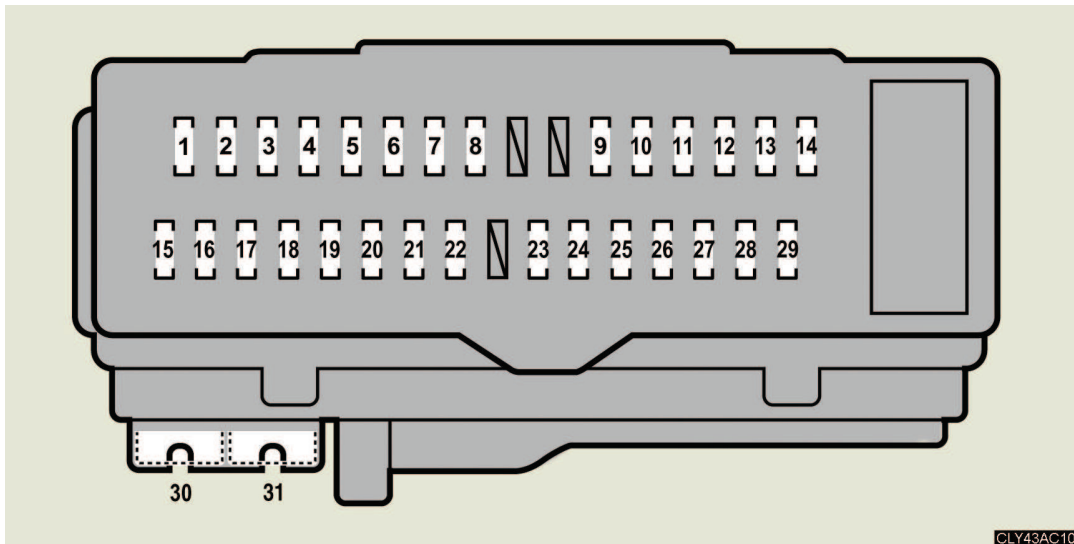
| Fuse | Ampere | Circuit |
|------|--------|--|
| 1 | 30 A | Pre-collision seat belt |
| 2 | 30 A | — |
| 3 | 30 A | Power seat |
| 4 | 50 A | Rear window defogger |
| 5 | 30 A | Anti-lock brake system, vehicle stability control system |
| 6 | 50 A | Electric cooling fans |
| 7 | 50 A | Anti-lock brake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

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| | 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



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| | 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 | Multiport fuel injection system/ sequential multiport 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 |

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| | 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.