

Lexus LS430 (XF30; 2000-2006) fuses and relays

*In this article, we consider the third-generation Lexus LS (XF30), produced from 2000 to 2006. Here you will find fuse box diagrams of **Lexus LS 430 2000, 2001, 2002, 2003, 2004, 2005 and 2006**, get information about the location of the fuse panels inside the car, and learn about the assignment of each fuse (fuse layout) and relay.*

See other Lexus LS:

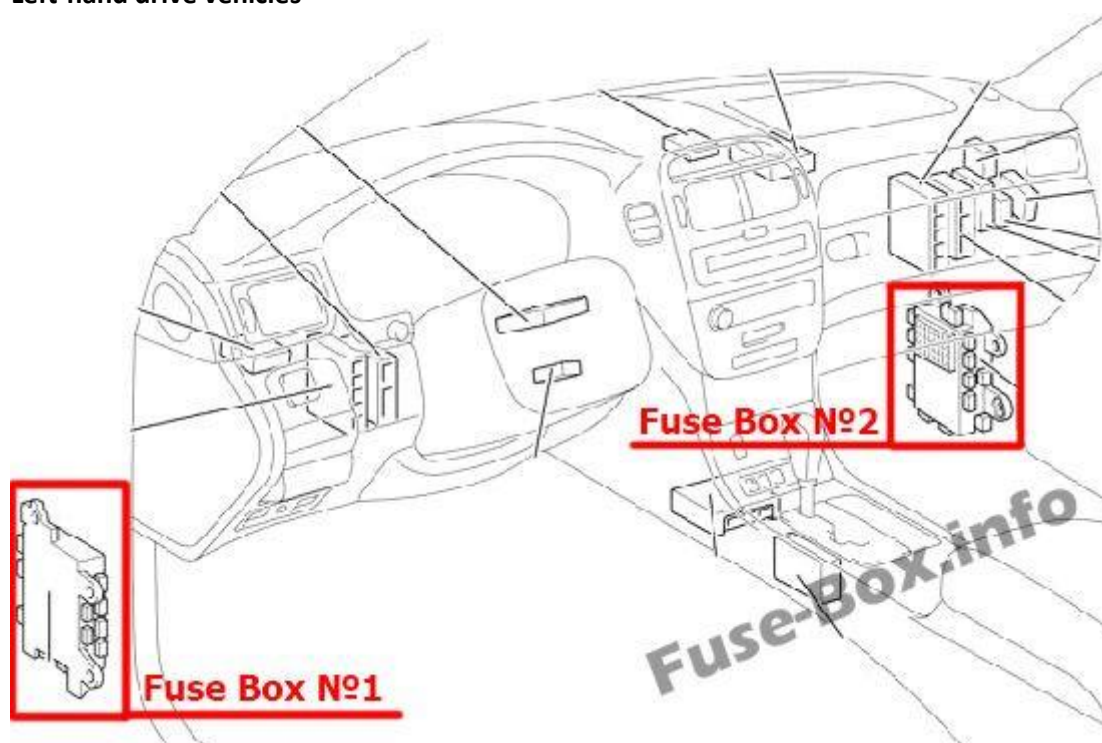
Fuse Layout Lexus LS 430 2000-2006



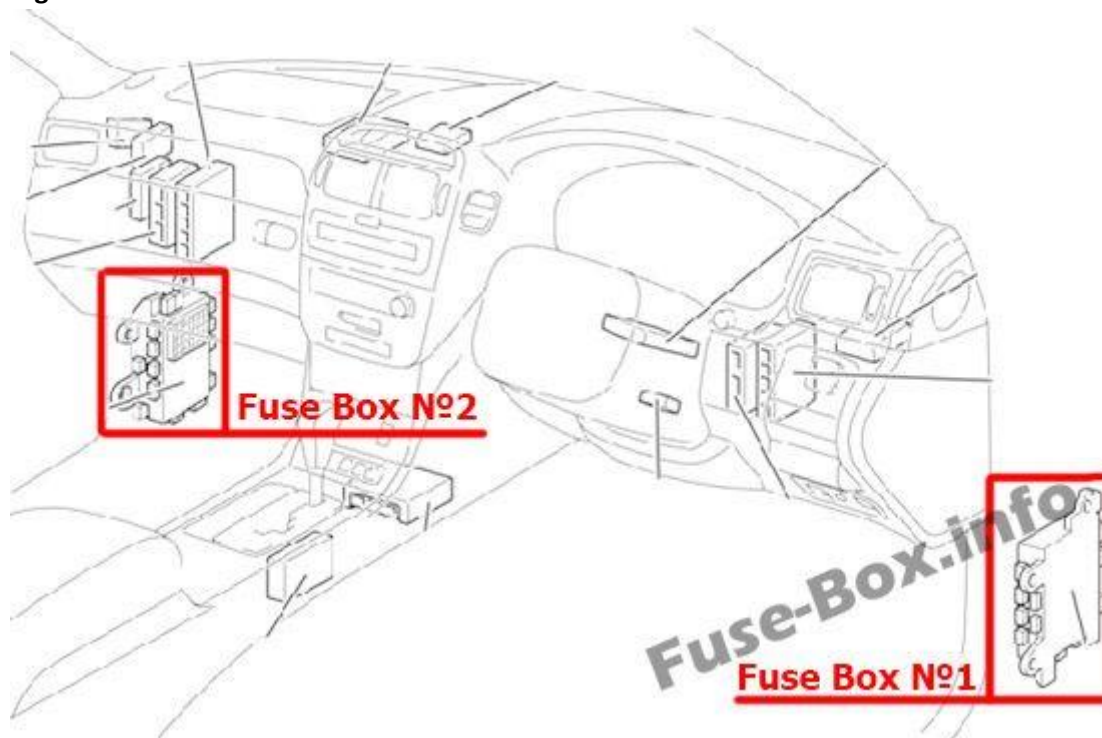
Cigar lighter (power outlet) fuses in the Lexus LS430 are the fuses #13 "PWR OUTLET" (Power outlet), #14 "D-CIG" (Rear cigarette lighter) in the Passenger Compartment fuse box №1, and #14 "P-CIG" (Front cigarette lighter) in the Passenger Compartment Fuse Box №2.

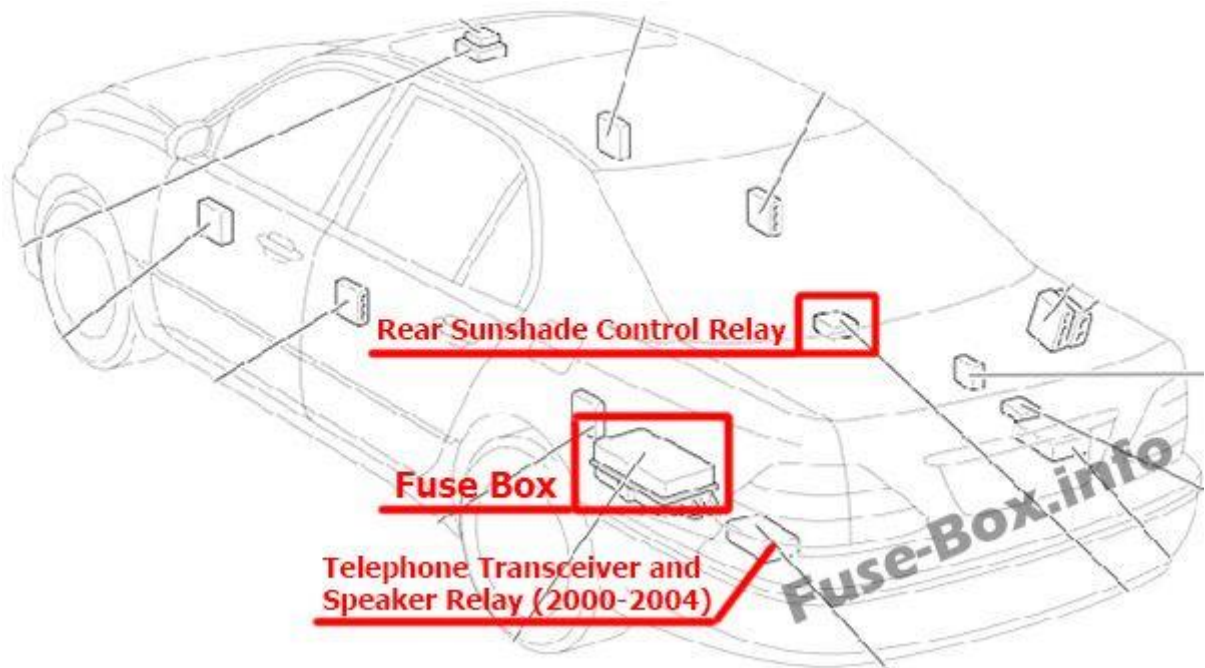
Passenger compartment overview

Left-hand drive vehicles



Right-hand drive vehicles





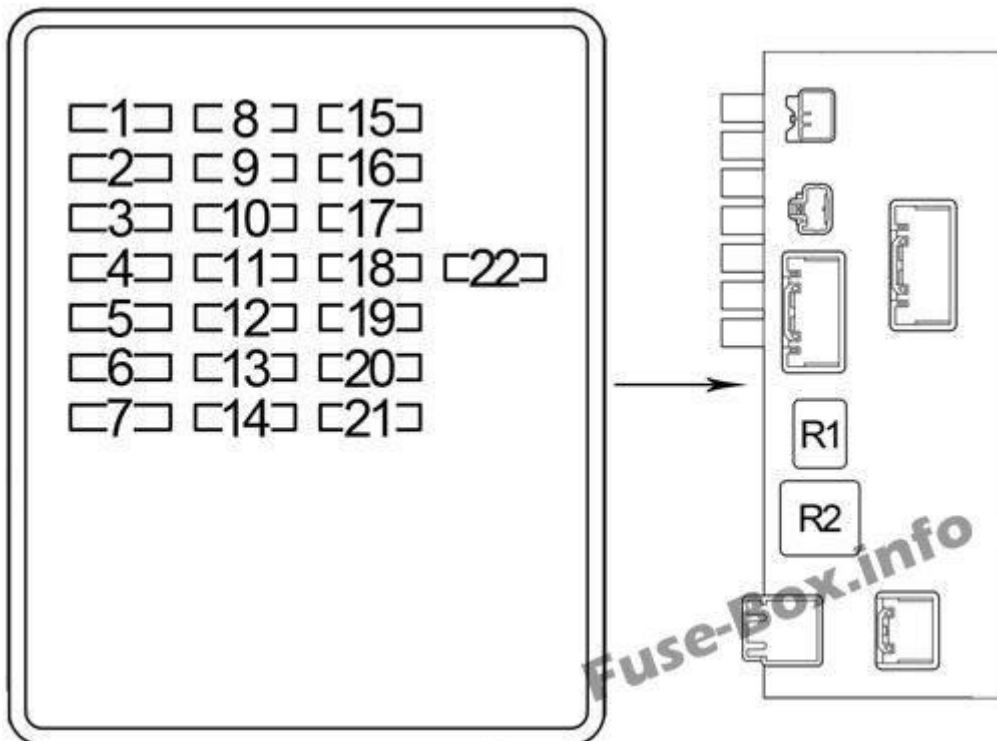
Passenger Compartment Fuse Box №1

Fuse box location

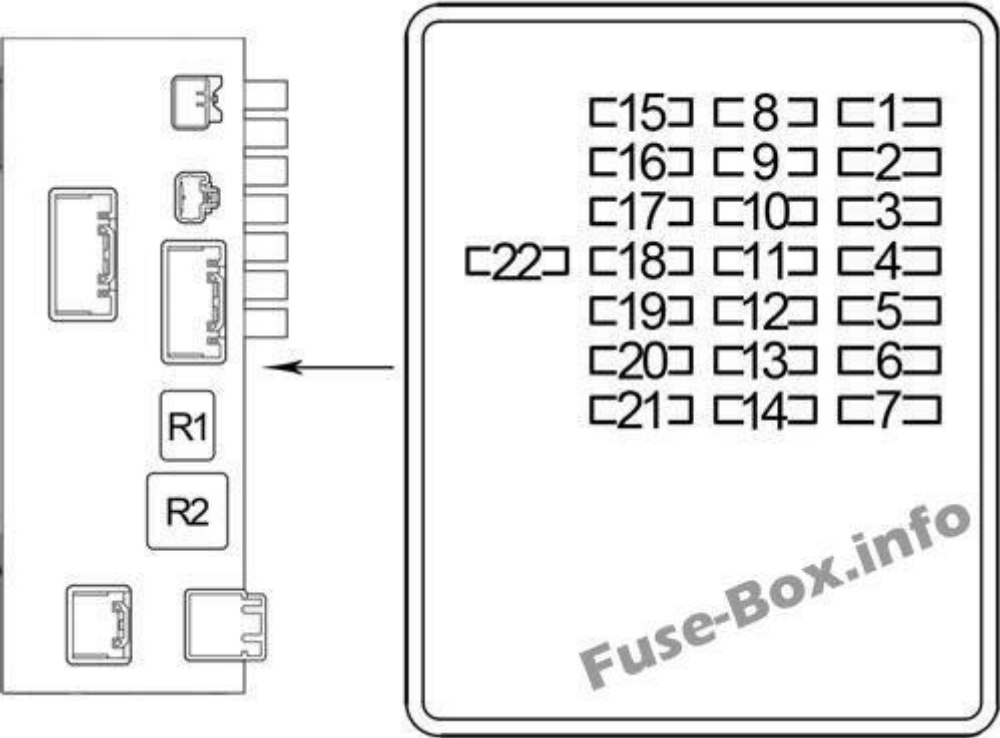
The fuse box is located on the driver's side of the car, at the bottom, behind the cover.

Fuse box diagram

Left-hand drive vehicles



Right-hand drive vehicles



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Assignment of the fuses and relay in the Passenger Compartment Fuse Box №1

№	Name	A	Circuit
1	TEL	7.5	RHD: Audio system, Navigation system
2	TI&TE	20	Tilt and telescopic steering
3	AMP	30	RHD: Audio system
4	PANEL	7.5	Lexus park assist system, Rear seat heater, Rear climate control seat, Multiinformation display, Audio system, Cigarette lighter, Instrument panel light, Coin box light, Rear mirror light, Glove box light, Power rear seat, Electronically modulated air suspension system, Turn signal lights, Clock, Shift lock system, Vehicle stability control system, Sunshade, Power rear view mirror control system, Console box light, Fuel opener system, Adaptive Front Lighting System (AFS)
5	-	-	-
6	D P/SEAT	30	Power seat system

№	Name	A	Circuit
7	-	-	-
8	GAUGE	7.5	Gauges and meters, Lexus park assist system, Shift lock system
9	MPX-IG	7.5	Tilt and telescopic steering, Power door lock system, Power seat system, Engine immobilizer system
10	D S/HTR	15	Seat heater, Climate control seat system
11	AIRSUS	20	Electronically modulated air suspension system
12	D-ACC	7.5	Shift lock system, Theft deterrent system
13	PWR OUTLET	15	Power outlet
14	D-CIG	15	Rear cigarette lighter
15	OBD	7.5	On-board diagnosis system
16	AMI	7.5	Starting system
17	ABS-IG	7.5	Vehicle stability control system
18	D B/ANC	5	Seat belts
19	SECURITY	7.5	Theft deterrent system
20	A/C	7.5	Air conditioning system
21	STOP	5	Stop lights
22	D RR-IG	10	Refreshing seat
Relay			

№	Name	A	Circuit
R1			Accessory (D-ACC)
R2			Ignition (D-IG1)

Passenger Compartment Fuse Box №2

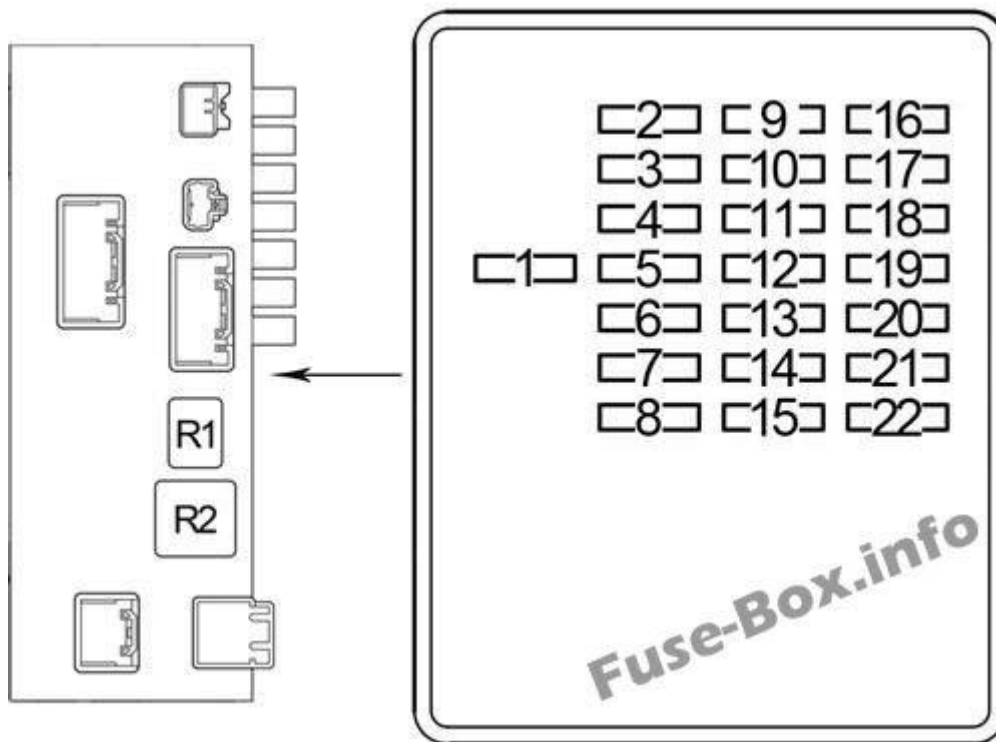
Fuse box location

It is located on the passenger side of the car, at the bottom, behind the cover.

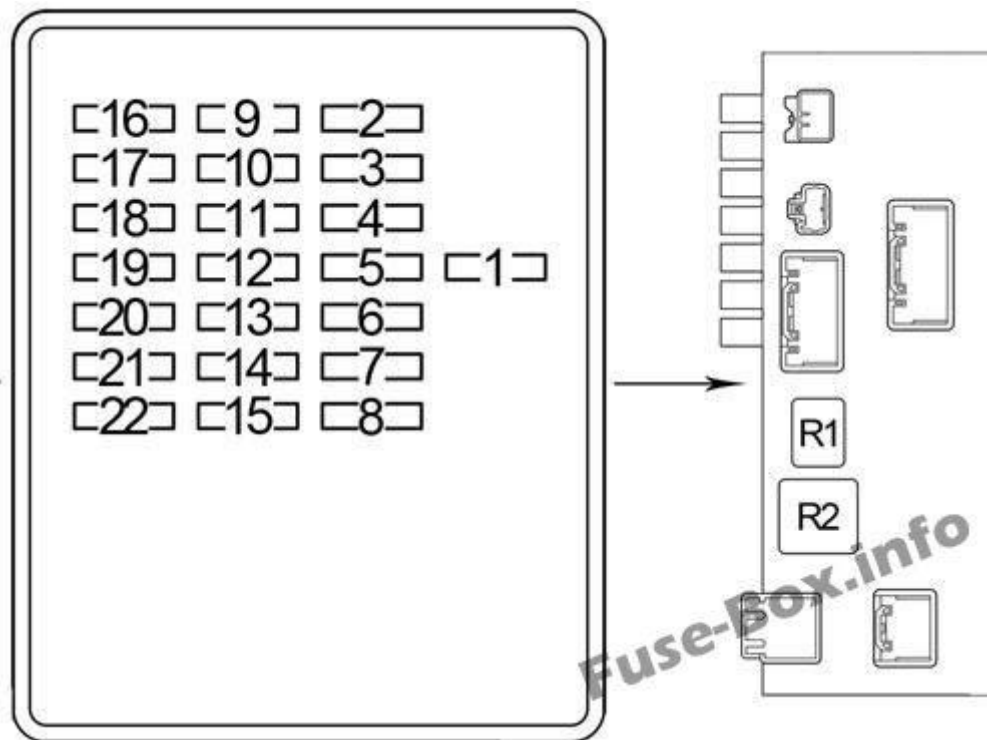
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Fuse box diagram

Left-hand drive vehicles



Right-hand drive vehicles



Assignment of the fuses and relay in the Passenger Compartment Fuse Box №2

№	Name	A	Circuit
1	IG2	7.5	2000-2003: SRS airbag system, Engine immobilizer system, Steering lock system
1	IG2	30	2003-2006: SRS airbag system, Engine immobilizer system, Steering lock system, Starting system
2	HAZ	15	Emergency flashers
3	STR LOCK	7.5	Steering lock system
4	CRT	7.5	2000-2003: Multi-information display
4	IG2	7.5	2003-2006: SRS airbag system, Engine immobilizer system, Steering lock system, Starting system
4	AM 2	7.5	2003-2006: All components in "STA" and "IG2", Starting system
5	MPX-B1	7.5	Power door lock system, Engine immobilizer system, Steering lock system, Front power seat, Rear power seat

No	Name	A	Circuit
6	MPX-B3	7.5	Tilt and telescopic steering, Headlight switch, Windshield wiper and washer switch, Turn signal switch
7	DOME	10	Vanity lights, Outer foot lights, Ignition switch light, Clock, Gauges and meters, Interior lights, Personal lights
8	MPX-B2	7.5	Gauges and meters, Vehicle stability control system, Illuminated entry system, TEL
9	P RR-IG	10	Refreshing seat
10	H-LP LVL	5	2000-2003: Headlight leveling system
10	H-LP LVL	7.5	2003-2006: Headlight leveling system, Adaptive Front Lighting System (AFS)
11	P-IG	7.5	Rain sensor, Air conditioning system, Moon roof, Multi-information display, Clock
12	P S/HTR	15	Seat heater, Climate control seat system
13	P-ACC	7.5	Air conditioning system, Audio system, Clock, Multi-information display. Illuminated entry system
14	P-CIG	15	Front cigarette lighter
15	-	-	-
16	RADIO NO.1	7.5	Audio system
17	S/ROOF	25	2000-2003: Moon roof
17	RR DOOR LH	20	2003-2006: LHD: Power door lock system, Power window, Door closer system, Door courtesy lights
17	RR DOOR RH	20	2003-2006: RHD: Power door lock system, Power window, Door closer system, Door courtesy lights

Nº	Name	A	Circuit
18	P DOOR	25	Power door lock system, Power rear view mirror control system, Outside rear view mirror defogger, Door closer system, Door courtesy lights, Power windows
19	TEL	7.5	LHD: Audio system, Navigation system
20	P B/ANC	5	Seat belts, Seat belt buckle illumination
21	AMP	30	2000-2003: LHD: Audio system
21	P P/SEAT	30	2000-2003: RHD: Power seat system
21	RR DOOR RH	20	2003-2006: LHD: Power door lock system, Power window, Door closer system, Door courtesy lights
21	RR DOOR LH	20	2003-2006: RHD: Power door lock system, Power window, Door closer system, Door courtesy lights
22	D DOOR	25	Power door lock system, Door closer system, Power rear view mirror control system, Outside rear view mirror defogger, Door courtesy lights, Power windows
Relay			
R1			Accessory (P-ACC)
R2			Ignition (P-IG1)

Luggage Compartment Fuse Box

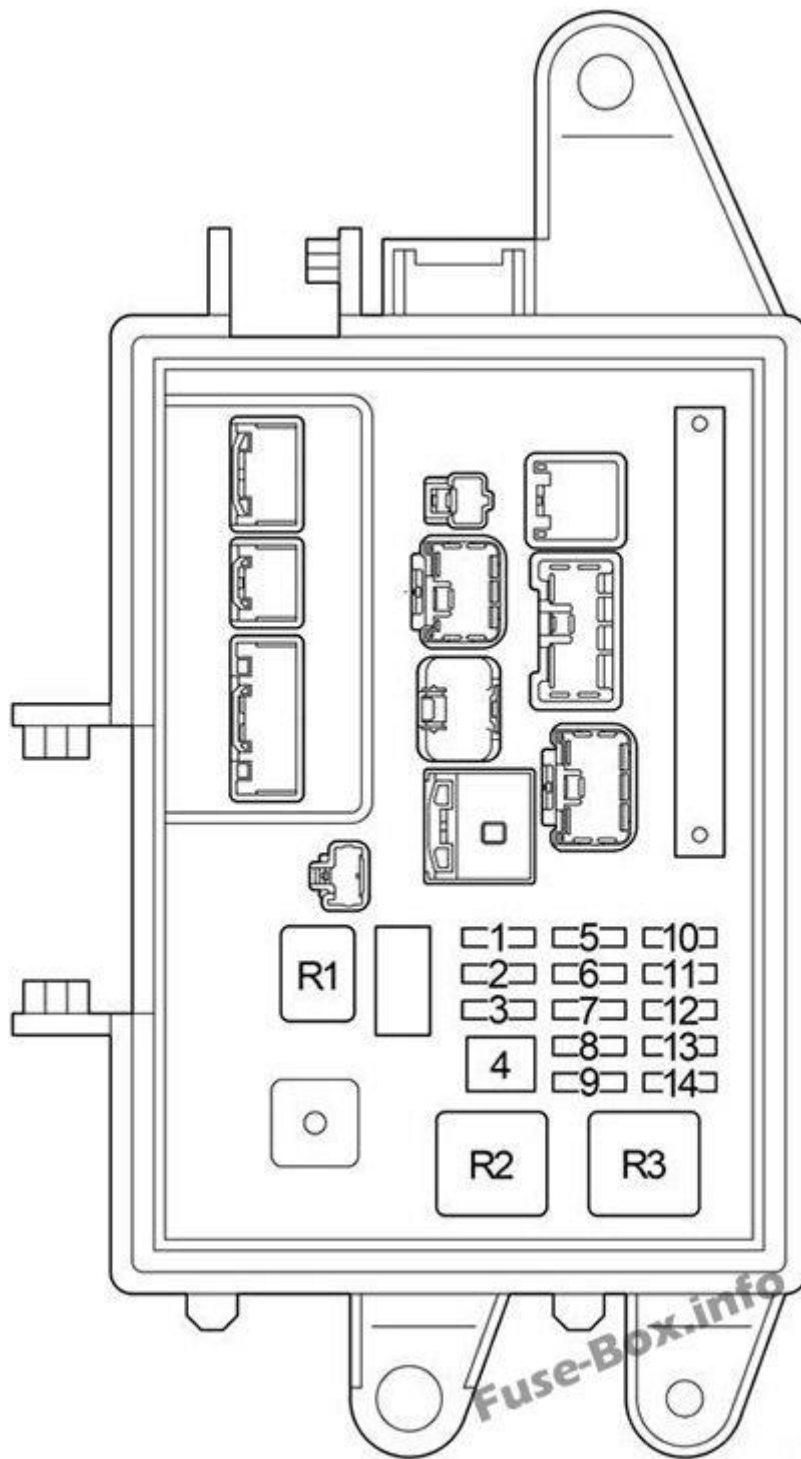
Fuse box location

It is located on the left side of the car, under the lining (raise the trunk floor and the panel on the left).



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Fuse box diagram



Assignment of the fuses and relay in the Luggage Compartment Fuse Box

№	Name	A	Circuit
1	RR IG	7.5	Lexus park assist system, Electronically modulated air suspension system, Theft deterrent system, TEL
2	RR ACC	7.5	Audio system, TEL

№	Name	A	Circuit
3	RR ECU-B	7.5	Rear air conditioning system, Theft deterrent system, Trunk light, Refreshing rear seat
4	-	-	-
5	RR A/C	7.5	Rear air conditioning system, Air purifier
6	RR S/HTR	20	2000-2003: Seat heater
6	RR S/HTR	30	2003-2006: Seat heater, Climate control seat system
7	RR S/SHADE	15	Sunshade
8	LCE LP	7.5	License plate lights
9	RR DOOR RH	20	2000-2003: Power door lock system, Power windows, Door closer system, Door courtesy lights
9	S/ROOF	30	2003-2006: Moon roof
10	FUEL OPN	10	Fuel opener system, Trunk lid closer system
11	RR DOOR LH	20	2000-2003: Power door lock system, Power windows, Door closer system, Door courtesy lights
11	AMP	30	2003-2006: LHD: Audio system
11	P P/SEAT	30	2003-2006: RHD: Power seat system
12	P P/SEAT	30	LHD: Power seat system
13	RR SEAT LH	30	Power seat system
14	RR SEAT RH	30	Power seat system

Nº	Name	A	Circuit
Relay			
R1			Accessory (L-ACC)
R2			Ignition (L-IG1)
R2			Sunshade (RR S/SHADE)

Engine compartment overview

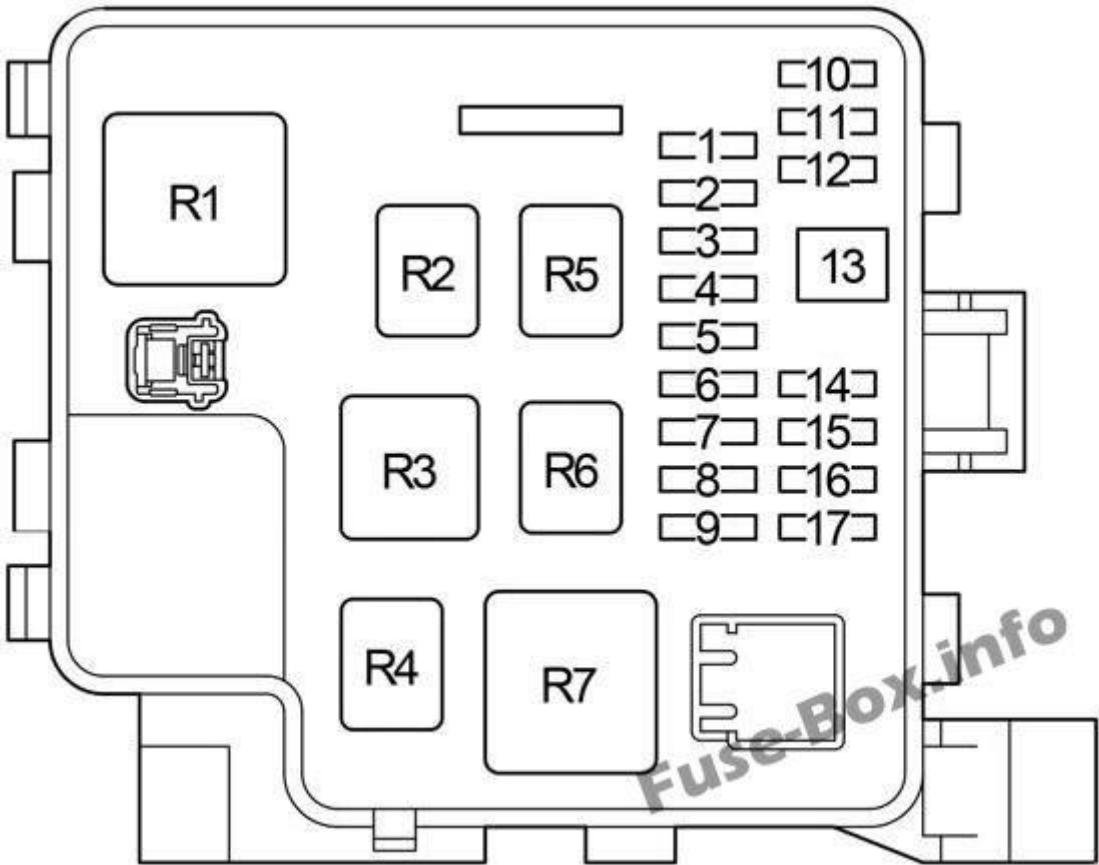
Engine Compartment Fuse Box Nº1

Fuse box location

The fuse box is located in the engine compartment (left-side).



Fuse box diagram



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Assignment of the fuses and relay in the Engine Compartment Fuse Box №1

№	Name	A	Circuit
1	H-LP R LWR	15	Right-hand headlight (low beam)
2	H-LP L LWR	15	Left-hand headlight (low beam)
3	EFI NO.2	7.5	Multiport fuel injection system/sequential multiport fuel injection system
4	STA	7.5	Multiport fuel injection system/sequential multiport fuel injection system
5	INJ	10	Multiport fuel injection system/sequential multiport fuel injection system

№	Name	A	Circuit
6	IGN	7.5	Multiport fuel injection system/sequential multiport fuel injection system
7	FR IG	7.5	Electric cooling fan, Headlight cleaner, Charging system, Starting system, Rear window defogger
8	A/C IG	7.5	Air conditioning system
9	WIP	30	Windshield wiper
10	FR FOG	15	Fog lights
11	WASHER	20	Windshield washer
12	TAIL	7.5	Tail lights, parking lights, Side marker lights
13	H-LP. CLN	30	Headlight cleaner
14	EFI NO.1	30	2000-2003: Multiport fuel injection system/sequential multiport fuel injection system
14	EFI NO.1	25	2003-2006: Multiport fuel injection system/sequential multiport fuel injection system
14	EFI NO.1	20	2004-2006: Multiport fuel injection system/sequential multiport fuel injection system
15	HORN	10	Horns
16	ETCS	10	Multiport fuel injection system/sequential multiport fuel injection system
17	H-LP HI	20	Headlights (high beam)
Relay			
R1			Ignition (IG1)

Nº	Name	A	Circuit
R2			Circuit opening (Fuel pump (C/OPN))
R3			Fuel pump (F/PMP)
R4			Ignition (IG2)
R5			Air conditioner compressor clutch (A/C COMP)
R6			Engine control unit (EFI MAIN)
R7			Headlights (HEAD LP)

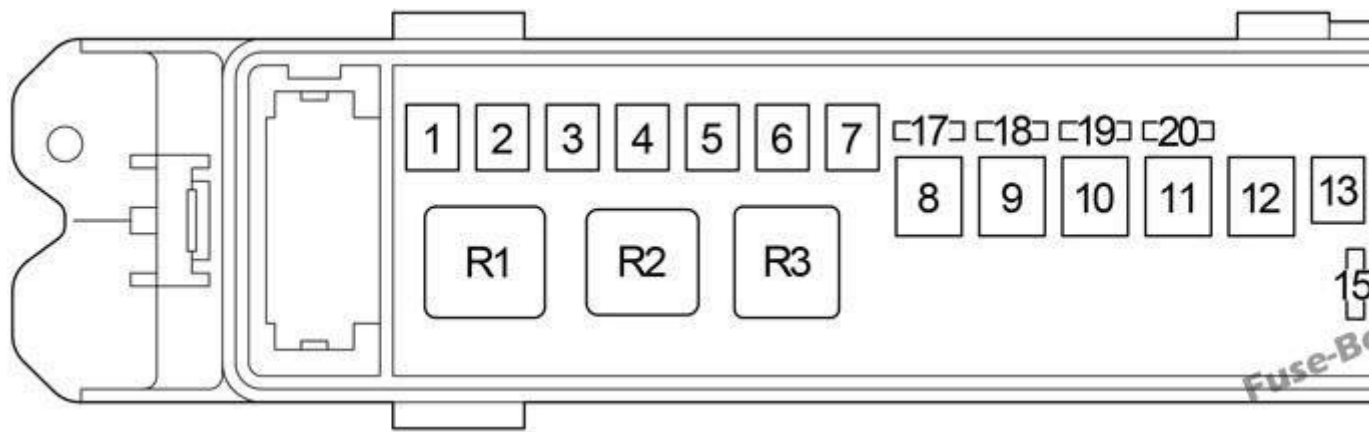
Engine Compartment Fuse Box №2

Fuse box location

It is located in the engine compartment (right-side).



Fuse box diagram



Assignment of the fuses and relay in the Engine Compartment Fuse Box №2

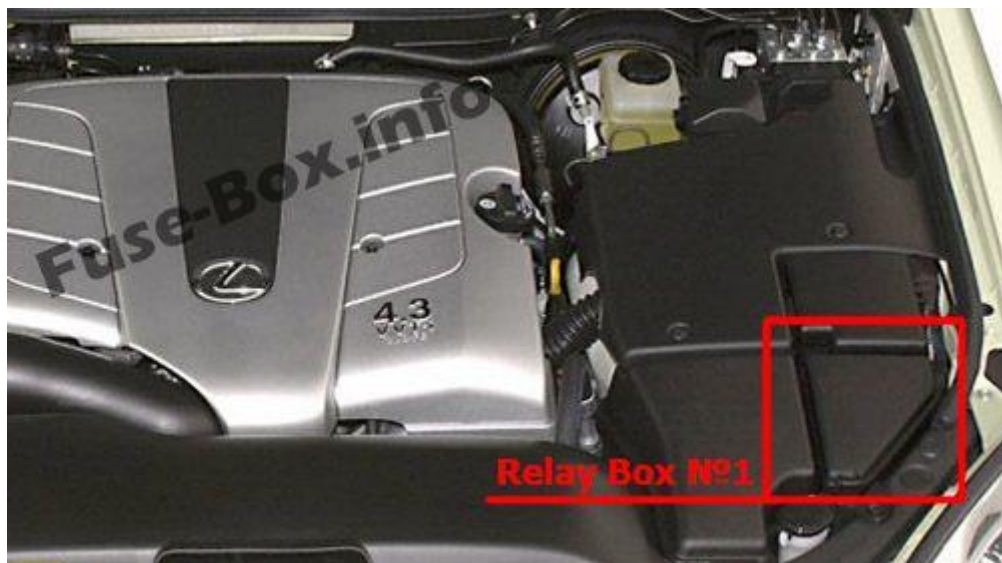
№	Name	A	Circuit
1	LUG J/B	50	2000-2003: All components in "RR SEAT RH", "RR SEAT LH", "S/ROOF", "AMP", "RR IG", "RR ECU-B", "P P/SEAT", "RR S/HTR", "RR S/SHADE", "RR A/C", "RR ACC", "FUEL OPN" and "LCE LP", Tail lights and Stop lights 2003-2006: 200W Fan: All components in "RR SEAT RH", "RR SEAT LH", "S/ROOF", "AMP", "RR IG", "RR ECU-B", "P P/SEAT", "RR S/HTR", "RR S/SHADE", "RR A/C", "RR ACC", "FUEL OPN" and "LCE LP", Tail lights and Stop lights
2	ABS 2	40	2000-2003: Vehicle stability control system
2	ABS 2	50	2003-2006: Vehicle stability control system
3	HEATER	50	Air conditioning system
4	ABS 1	40	2000-2003: Vehicle stability control system
4	ABS 1	30	2003-2006: Vehicle stability control system
5	DEFOG	40	Rear window defogger
6	AIRSUS	40	Electronically modulated air suspension system
7	FAN	50	2000-2003: Air conditioning system 2003-2006: 100W Fan: Air conditioning system
8	R/B	60	All components in "FR FOG", "TAIL", "WASHER", "FR IG", "WIP", "H-LP CRN", and "A/C IG"

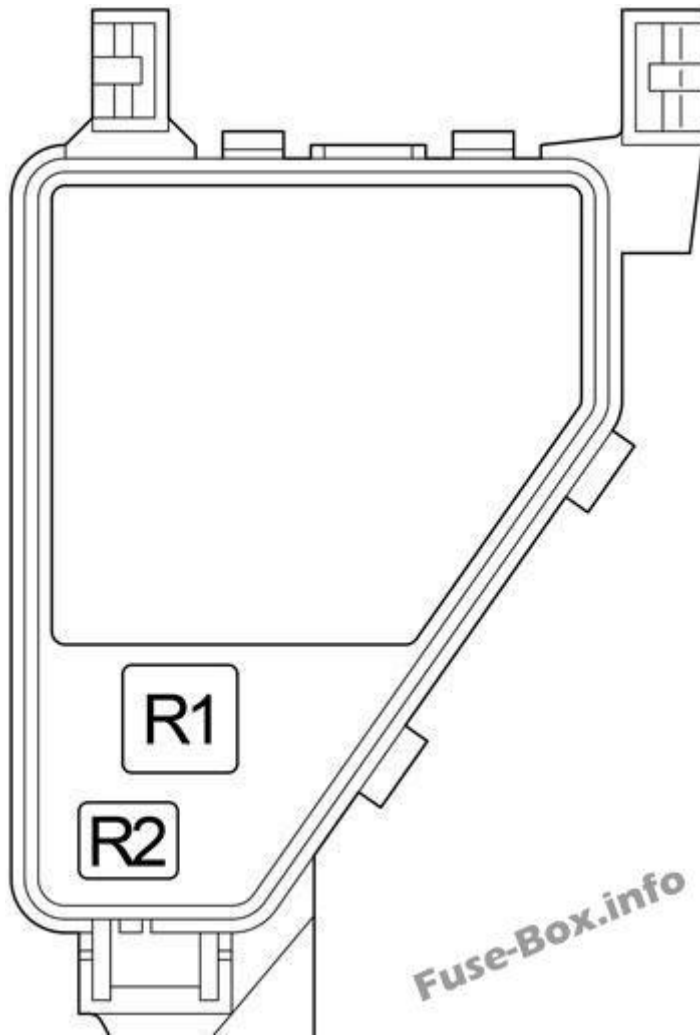
No	Name	A	Circuit
9	FAN	80	200W Fan: Air conditioning system
9	LUG J/B	60	2003-2006: 100W Fan: All components in "RR SEAT RH", "RR SEAT LH", "S/ROOF", "AMP", "RR IG", "RR ECU-B", "P P/SEAT", "RR S/HTR", "RR S/SHADE", "RR A/C", "RR ACC", "FUEL OPN" and "LCE LP", Tail lights and Stop lights
10	D-J/B	80	All components in "TI &TE", "DP/SEAT", "A/C" "OBD", "STOP", "AM1", "MPX-IG", "ABS-IG", "GAUGE", "AIRSUS", "D S/HTR", "SECURITY", "PANEL", "D B/ANC", "POWER OUTLET", "D-CIG", "D RR-IG" and "D-ACC"
11	ALT	140	Charging system
12	P-J/B	80	All components in "RR DOOR RH", "RR DOOR LH", "D DOOR", "H-LP LVL", "P DOOR", "P S/HTR", "P-IG", "P-ACC", "P B/ANC", "P-CIG", "TEL" and "P RR-IG"
13	BATT	30	All components in "RADIO NO.1", "AM2", "HAZ" and "STR LOCK"
14	AM 2	30	2000-2003: Starting system
14	ST	30	2003-2006: Starting system
15	D/C CUT	20	All components in "DOME", "MPX-B1", and "MPS-B3"
16	ALT-S	5	Charging system
17	SPARE	-	Spare fuse
18	SPARE	-	Spare fuse
19	SPARE	-	Spare fuse
20	SPARE	-	Spare fuse

№	Name	A	Circuit
Relay			
R1			Starter
R2			Electronically modulated air suspension system (AIR SUS)
R3			Electric cooling fan (FAN)

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Engine Compartment Relay Box №1





№	Relay
R1	Rear window defogger (DEFOG)
R2	-

Engine Compartment Relay Box №2



№	Name	A	Circuit
1	ABS 3	7.5	2000-2003: Vehicle stability control system
Relay			
R1			-
R2			(ABS MTR)
R3			(ABS SOL)