

Lexus GS450h (L10; 2013-2017) fuses

*In this article, we consider the fourth-generation Lexus GS (L10), produced from 2013 to 2017. Here you will find fuse box diagrams of **Lexus GS 450h 2013, 2014, 2015, 2016 and 2017**, get information about the location of the fuse panels inside the car, and learn about the assignment of each fuse (fuse layout).*

See other Lexus GS:

Fuse Layout Lexus GS450h 2013-2017



Cigar lighter (power outlet) fuses in the Lexus GS450h are the fuses #2 "FR P/OUTLET" (Front Power outlet) and #3 "RR P/OUTLET" (Rear Power outlet) in the Passenger Compartment Fuse Box №2.

Passenger Compartment Fuse Box №1

Fuse box location

The fuse box is located under the left side of the instrument panel, under the lid.



Fuse box diagram



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

№	Name	Ampere rating [A]	Circuit protected
1	STOP	7,5	Stop lights, high mounted stoplight
2	P/W-B	5	Power window master switch
3	P/SEAT1 F/L	30	Power seats
4	D/L NO.1	25	Power door lock system
5	NV-IR	10	Lexus night view
6	FL S/HTR	10	Seat heaters/ventilators
7	WIPER	30	Windshield wipers
8	WIPER-IG	5	Windshield wipers
9	LH-IG	10	Seat belts, body ECU, AFS, overhead module, raindrop sensor, inside rear view mirror, lane camera sensor (LKA), head-up display, shift lock system, intuitive parking assist, front left-hand door ECU, driver monitor system, Remote Touch screen, electric tilt and telescopic steering column, power seats, moon roof, windshield wiper de-icer, intuitive parking assist switch, PTC heater, Blind Spot Monitor buzzer, cleaner

No	Name	Ampere rating [A]	Circuit protected
10	LH ECU-IG	10	2013: VDIM, ECB, D-SW MODULE (Blind Spot Monitor, heated steering wheel), driver support system, AFS, EPB, air conditioning system 2014-2015: VDIM, brake system, D-SW MODULE (Blind Spot Monitor, heated steering wheel), driver support system, AFS, electric cooling fans, EPB, air conditioning system, steering sensor
11	DOOR FL	30	Outside rear view mirror defoggers, power window (front left-hand)
12	CAPACITOR (HV)	10	Capacitor
13	STRGLOCK	15	Steering lock system
14	D/L NO.2	25	Power door lock system
15	DOOR RL	30	Power window (rear left-hand)
16	HAZ	15	Turn signal lights, emergency flashers
17	LH-IG2	10	Multiport fuel injection system/sequential multiport fuel injection system, stop lights, smart access system with push-button start, steering lock system, brake system, power management system
18	LH J/B-B	7,5	Body ECU
19	S/ROOF	20	Moon roof
20	P/SEAT2 F/L	25	Power seats
21	TI&TE	20	Electric tilt and telescopic steering column
22	A/C	7,5	Air conditioning system

Passenger Compartment Fuse Box №2

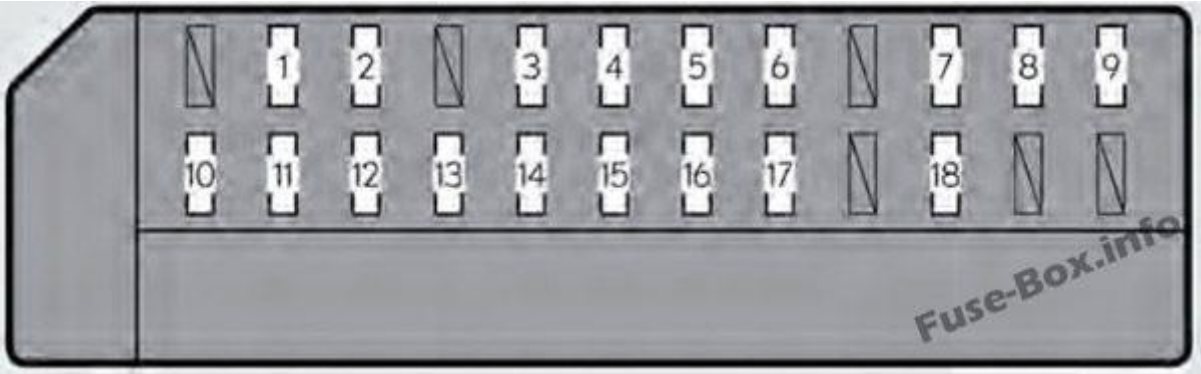
Fuse box location

It is located under the right side of the instrument panel, under the lid.



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Fuse box diagram



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

№	Name	Ampere rating [A]	Circuit protected
1	P/SEAT1 F/R	30	Power seats
2	FR P/OUTLET	15	Power outlet (front)
3	RR P/OUTLET	15	Power outlet (rear)
4	P/SEAT2 F/R	25	Power seats
5	AVS	20	AVS

№	Name	Ampere rating [A]	Circuit protected
6	STRG HTR	15	Heated steering wheel
7	WASH	20	Windshield washer
8	RH ECU-IG	10	2013: Navigation system, pre-collision seat belts, air conditioning system, ECB, Lexus night view, yaw rate and G sensor 2014: Navigation system, pre-collision seat belts, air conditioning system, brake system, Lexus night view, yaw rate and G sensor, capacitor 2015: Navigation system, VGRS, pre-collision seat belts, air conditioning system, brake system, Lexus night view, yaw rate and G sensor, capacitor, Dynamic rear steering
9	RH-IG	10	Tension reducer, seat heater/ventilator switches, front right-hand door ECU, CAN gateway ECU, tire pressure warning system, power seats
10	DOOR FR	30	Front right-hand door control system (outside rear view mirror defoggers, power window
11	DOOR RR	30	Power window (rear right-hand)
12	RAD NO.2	30	Audio system
13	AM2	7,5	Power management system
14	MULTIMEDIA	10	Navigation system, Remote Touch
15	RAD NO.1	30	Audio system
16	AIR BAG	10	SRS airbag system, occupant classification system
17	OBD	7,5	On-board diagnosis system
18	ACC	7,5	Body ECU, DCM, head-up display, RR CTRL, Remote Touch screen, navigation system, clock, transmission

Engine Compartment Fuse Box

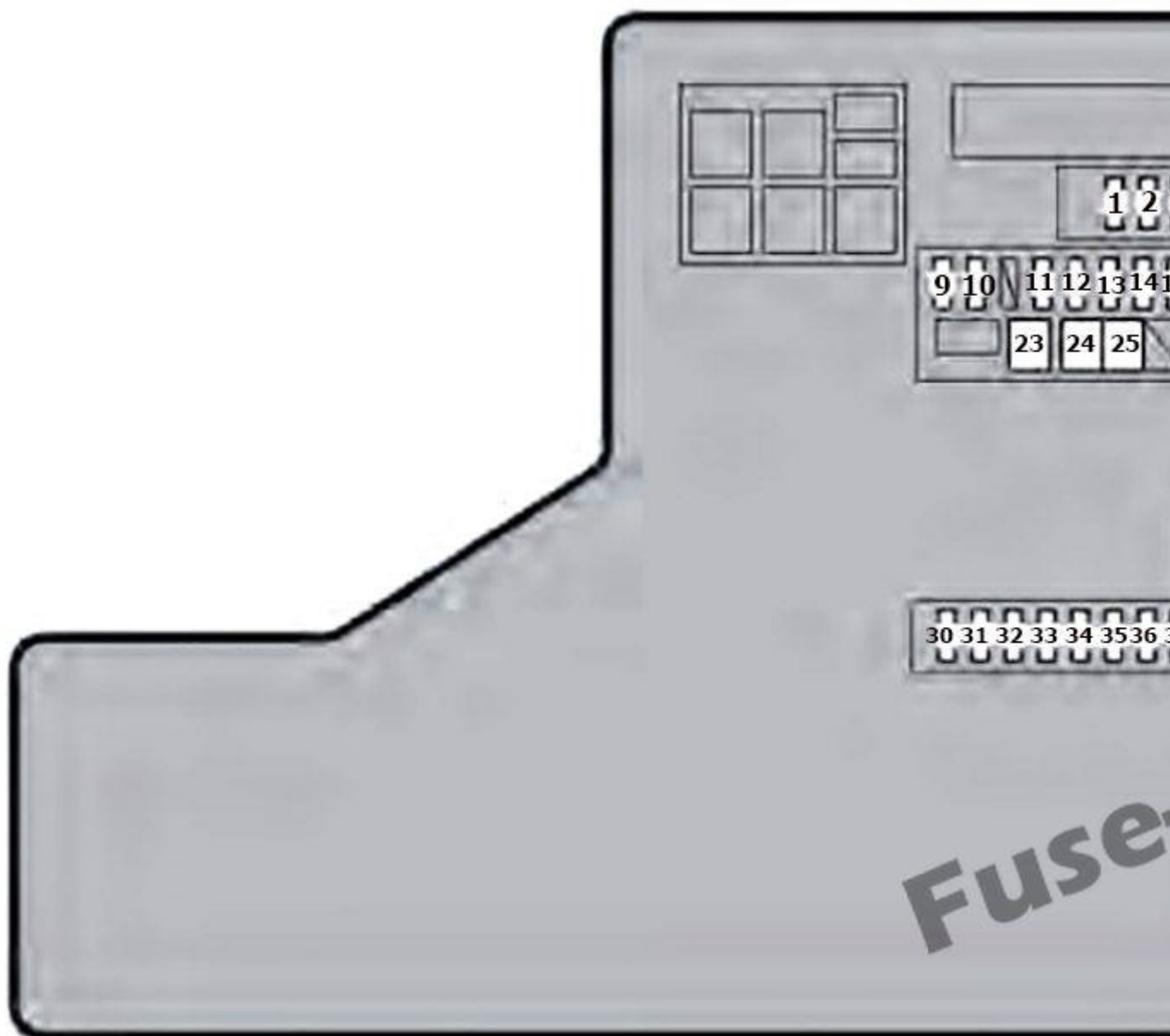
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Fuse box location

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



Fuse box diagram



Assignment of the fuses in the Engine Compartment Fuse Box

Nº	Name	Ampere rating [A]	Circuit protected
1	IGN	10	Starting system
2	INJ	10	Multiport fuel injection system/sequential multiport fuel injection system
3	EFI NO.2	10	Air intake system, exhaust system
4	IG2 MAIN	20	IGN, GAUGE, INJ, AIR BAG, IG2 NO.1, LH-IG2

№	Name	Ampere rating [A]	Circuit protected
5	EFI MAIN	25	Multiport fuel injection system/sequential multiport fuel injection system, EFI NO.2
6	A/F	15	Air flow sensor
7	EDU	20	Multiport fuel injection system/sequential multiport fuel injection system
8	F/PMP	25	Multiport fuel injection system/sequential multiport fuel injection system
9	H-LP RH-LO	20	Right-hand headlight (low beam)
10	H-LP LH-LO	20	Left-hand headlight (low beam)
11	ABS MAIN 2	10	Brake system
12	ABS MAIN 1	10	Brake system
13	IGCT NO.1	30	IGCT NO.2, IGCT NO.3, IGCT NO.4, IGCT NO.5
14	ECU-B	7,5	VGRS, smart access system with push-button start
15	INV W/P	10	Hybrid system
16	ETCS	10	Multiport fuel injection system/sequential multiport fuel injection system
17	EPS-B	10	Electric power steering system
18	D/C CUT	30	DOME, MPX-B
19	HORN	10	Horn

No	Name	Ampere rating [A]	Circuit protected
20	ODS	5	Occupant classification system
21	TV	7,5	Remote Touch screen
22	P/I-B NO.2	80	IG2 MAIN, EFI MAIN, EDU, F/PMP, A/F
23	ABS NO.2	30	2013: ECB 2014-2015: Motor relay
24	P/I-B NO.1	50	H-LP HI RH, H-LP HI LH, DRL
25	H-LP LO	30	H-LP LO RH, H-LP LO LH
26	LH J/B- B	40	Left-hand junction block
27	RH J/B- B	40	Right-hand junction block
28	VGRS	40	2013-2014: No circuit 2015: VGRS
29	OIL PMP	60	Oil pump
30	IGCT NO.5	7,5	Power management system, shift position sensor
31	WIP-S	7,5	Windshield wipers, driver support system
32	WASH- S	5	Windshield washer, driver support system
33	COMB SW	5	Windshield wipers

No	Name	Ampere rating [A]	Circuit protected
34	DOME	7,5	Personal lights, ornament lights, trunk light, footwell lights, door courtesy lights, vanity lights, rear door inside handle illuminations, power trunk opener and closer
35	MPX-B	10	Body ECU, smart access system with pushbutton start, electric tilt and telescopic steering column, power seats, head-up display, front door ECU, gauges and meters, steering sensor, yaw rate and G sensor, overhead module, RR CTRL SW, power trunk opener and closer, clock, CAN gateway ECU
36	IGCT NO.4	10	Power control unit
37	IGCT NO.3	7,5	Hybrid battery (traction battery), DC/DC converter
38	IGCT NO.2	5	Hybrid system
39	IG2 NO.1	5	DCM, CAN gateway ECU
40	GAUGE	5	Gauges and meters
41	DC/DC	150	2013-2014: RH-J/B DC/DC, P/I DC/DC 2015: RH-J/B DC/DC, P/I DC/DC, LH-J/B DC/DC, LUG-J/B DC/DC
42	P/I DC/DC	100	RR S/SHADE, DEFOG, FOG, TAIL, PANEL
43	RH J/B DC/DC	80	Right-hand junction block
44	LH J/B DC/DC	50	Left-hand junction block

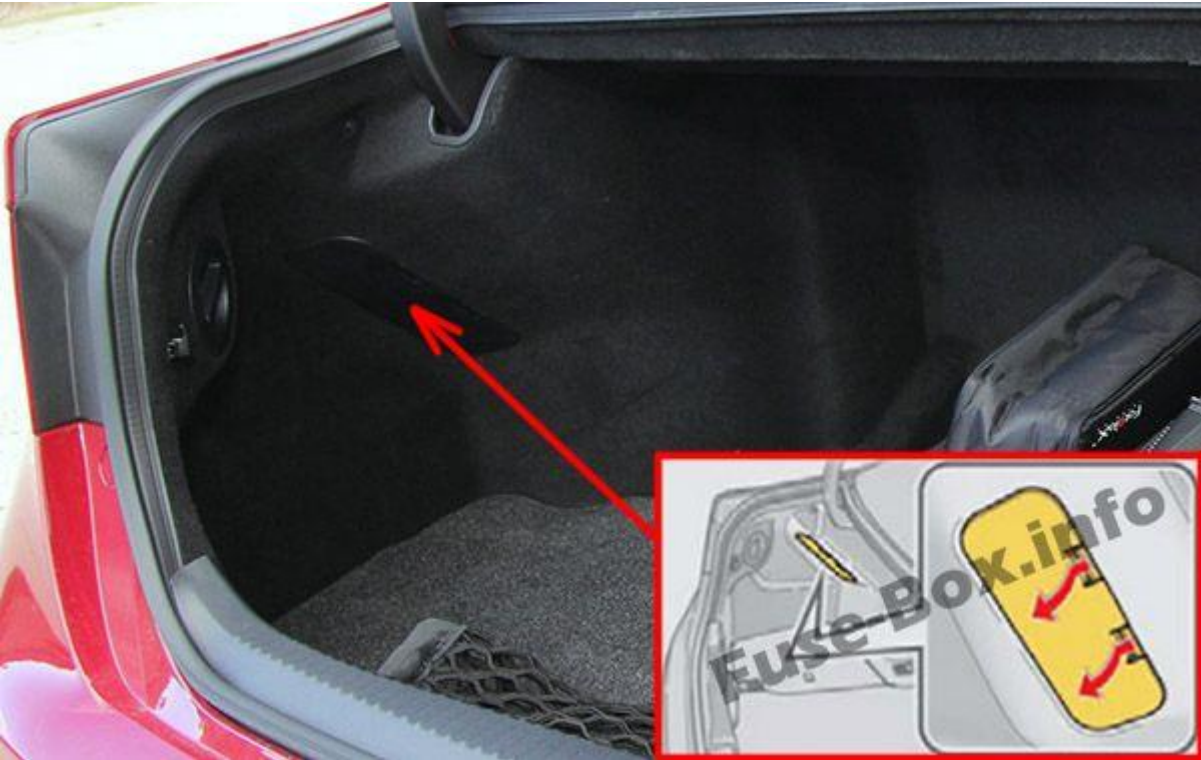
№	Name	Ampere rating [A]	Circuit protected
45	H-LP CLN	30	2013-2014: Headlight cleaner 2015: No circuit
46	FAN NO.2	40	Electric cooling fans
47	LUG J/B DC/DC	80	Luggage compartment junction block
48	FAN NO.1	80	Electric cooling fans
49	PTC NO.1	50	PTC heater
50	PTC NO.2	50	PTC heater
51	HTR	50	Air conditioning system
52	ABS NO .1	30	2013: ECB 2014-2015: Motor relay
53	ECU-B NO.2	7,5	No circuit
54	DEICER	25	Windshield wiper de-icer
55	ABS MAIN 3	10	Brake system
55	FILTER	10	Condenser
57	A/C W/P	7,5	Air conditioning system
58	SPARE	10	Spare fuse

No	Name	Ampere rating [A]	Circuit protected
59	SPARE	30	Spare fuse
60	SPARE	20	Spare fuse

Luggage Compartment Fuse Box

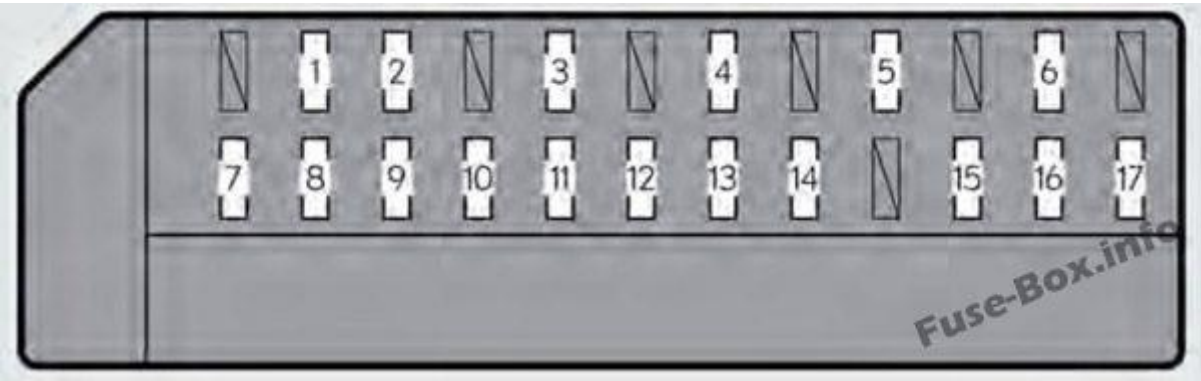
Fuse box location

It is located in the left side of the luggage compartment, behind the cover.



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Fuse box diagram



Assignment of the fuses in the trunk

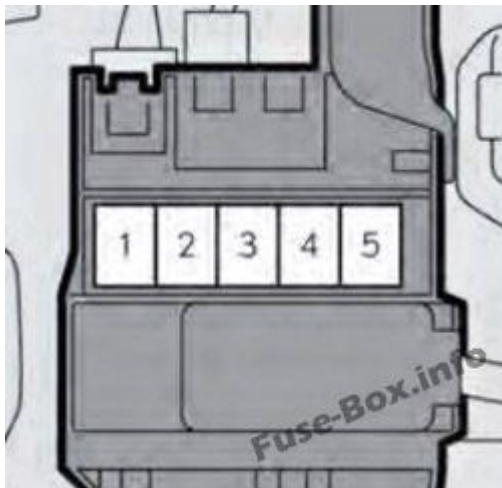
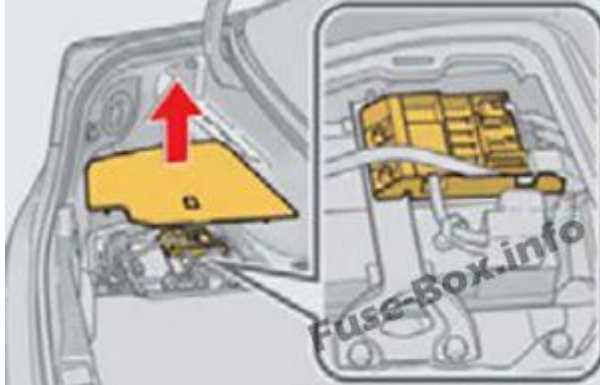
No	Name	Ampere rating [A]	Circuit protected
1	PSB	30	Pre-collision seat belts
2	PTL	25	Power trunk opener and closer
3	RR J/B-B	10	Smart access system with push-button start
4	RR S/HTR	20	Seat heaters (rear)
5	FR S/HTR	10	Seat heaters/ventilators (front)
6	RR FOG	10	No circuit
7	DC/DC-S (HV)	7,5	DC/DC converter
8	BATT FAN (HV)	20	Hybrid battery (traction battery) cooling fan system
9	SECURITY	7,5	SECURITY
10	ECU-B NO.3	7,5	Parking brake
11	TRK OPN	7,5	Power trunk opener and closer, trunk open motor
12	DCM (HV)	7,5	DCM
13	ACINV (HV)	20	Power outlet (120V AC)
14	RR-IG1	5	Radar sensor, Blind Spot Monitor
15	RR ECU-IG	10	Power trunk opener and closer, parking brake, tension reducer (rear left-hand), RR CTRL SW, tire pressure warning system
16	EPS-IG	5	Electric power steering system

No	Name	Ampere rating [A]	Circuit protected
17	BACK UP	7,5	2013-2014: Back-up lights 2015-: Back-up lights, Remote Touch screen

Fusible Link Block

It is located on the upper part of the 12-volt battery in the trunk

Pull the strap upwards to lift up the 12-volt battery cover



No	Name	Ampere rating [A]	Circuit protected
1	EPB	30	Parking brake
2	LUG-J/B BATT	40	Luggage compartment junction block
3	EPS	80	Electric power steering
4	ARS	80	2013-2014: No circuit 2015-: Dynamic rear steering

No	Name	Ampere rating [A]	Circuit protected
5	MAIN	220	Engine compartment junction block