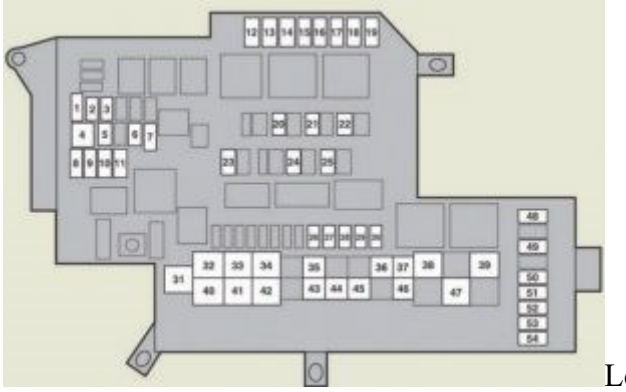
Lexus GS450h 2011 – 2012 fuse box diagram

Year of production: 2011, 2012

Engine compartment



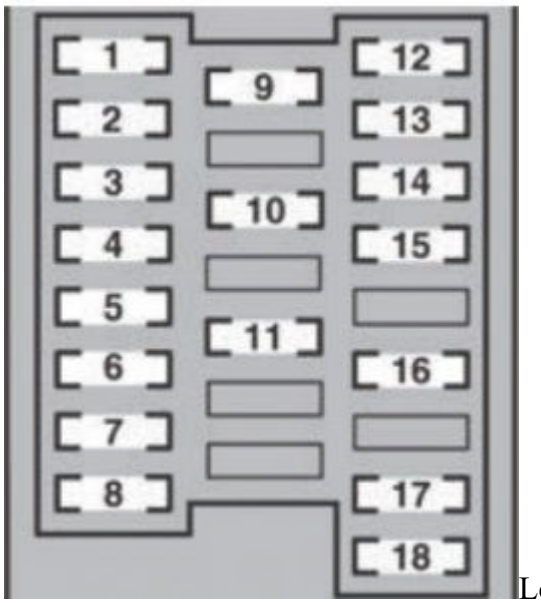
Lexus GS450h – fuse box – engine compartment

Fuse		Ampere rating [A]	Circuit protected
1	FR CTRL-B	25	H-LP HI, HORN
2	RELIEF VLV	10	Fuel system
3	ETCS	10	Multiport fuel injection system/sequential multiport fuel injection system
4	H-LP CLN	30	Headlight cleaner
5	STB-AM	30	Active stabilizer suspension system
6	DEICER	25	—
7	FR CTRL-AM	30	FR TAIL, FR FOG, WASH
8	IG2	10	Multiport fuel injection system/sequential multiport fuel injection system, noise filter
9	EFI No.2	10	Fuel system, exhaust system
10	H-LP R LWR	15	Headlight low beam (right)
11	H-LP L LWR	15	Headlight low beam (left)
12	D/C CUT	30	DOME, MPX-B
13	IGCT No.3	7,5	Hybrid battery (traction battery)
14	IGCT No.2	7,5	Hybrid system

15	MPX-B	7,5	Power windows, door control system, power seat, electronically controlled brake system, combination switch, electric tilt and telescopic steering, gauges and meters
16	DOME	7,5	Interior lights, foot lights, vanity light, gauges and meters
17	ABS MAIN1	10	Electronically controlled brake system
18	ABS MOTOR	30	ABS
19	ABS MAIN2	10	Electronically controlled brake system
20	F/PMP	25	Fuel system
21	EFI	25	EFI2, multiport fuel injection system/sequential multiport fuel injection system
22	INJ	20	Multiport fuel injection system/sequential multiport fuel injection system
23	A/F	15	Fuel system
24	IINV W/P	10	Hybrid system
25	IGCT No.1	20	Hybrid system, IGCT No.2, IGCT No.3
26	FR FOG	15	Fog light
27	FR TAIL	10	Tail light, rear side marker light
28	WASH	20	Windshield wipers and washer
29	HORN	10	Horn
30	H-LP HI	20	Headlight high beam
31	DC/DC	140	Charging system
32	RAD FAN	60	Electric cooling fans
33	LH J/B AM	80	S/ROOF, FR P/SEAT LH, TV, A/C, FUEL OPN, FR WIP, H-LP LVL, FR S/HTR LH, A/C W/P
34	E/G AM	60	H-LP CLN, FR CTRL-AM, DEICER, STB AM
35	HEATER	50	Air conditioning system
36	DEFOG	50	Rear window defogger
37	ABS2	30	Enhanced VSC, ABS
38	RH J/B-AM	80	AM1, OBD, STOP SW, TI & TE, FR P/SEAT RH, STR LOCK, SECURITY, ECU-IG R, RH-IG, F S/HTR RH, CIG, PWR OUTLET, AIR SUS
39	RR J/B	80	STOP LP R, STOP LP L, RR TAIL, PSB, RR FOG, RR-IG1
40	OIL PUMP	60	Transmission
41	EPS	80	EPS
42	P/I-B1	60	EFI, F/PMP, INJ
43	E/G-B	30	EM-VLV, FR CTRL-B, ETCS

44	MAIN	30	H-LP R LWR, H-LP L LWR
45	VGRS	40	VGRS
46	ABS1	50	ABS MOTOR, ABS MAIN1, ABS MAIN2
47	P/I-B2	60	A/F, BATT FAN, IGCT, INV W/P
48	BATT FAN	20	Electric cooling fans
49	RAD No.1	30	Audio system
50	RAD No.2	30	Audio system
51	IG2 MAIN	20	IG2, GAUGE, IGN
52	TURN-HAZ	15	Front turn signal lights, rear turn signal lights
53	ABS MAIN3	10	Electronically controlled brake system
54	ECU-B	10	VGRS, EPS

Driver's side instrument panel

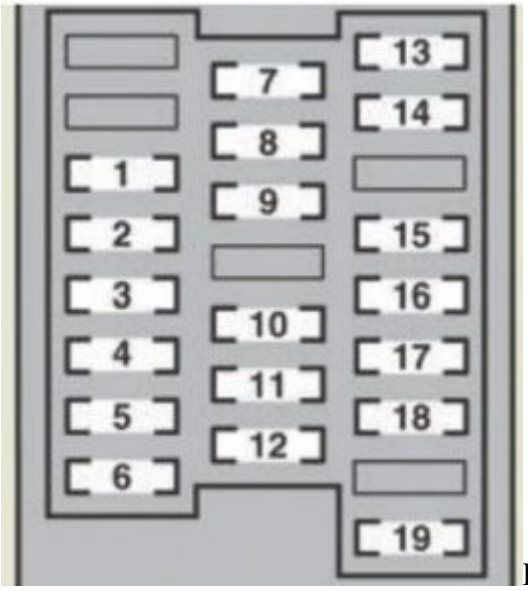


Lexus GS450h – fuse box – driver's side instrument panel

Fuse		Ampere rating [A]	Circuit protected
1	FR WIP	30	Windshield wipers
2	RR-IG	7,5	RR-IG1
3	LH-IG	10	Emergency flashers, seat belt pretensioners, headlight cleaners, exhaust system, rear window defogger, electric cooling fans, front left door control system, rear left door control system
4	H-LP LVL	7,5	Adaptive front lighting system
5	A/C W/P	7,5	Air conditioning system

6	RAD No.3	10	Audio system
7	FR DOOR LH	20	Front left door control system
8	RR DOOR LH	20	Rear left door control system
9	FR S/HTR LH	15	Seat heaters, seat heaters and ventilators
10	ECU-IG LH	10	VGRS, EPS, electronically controlled brake system, yaw rate & G sensor, dynamic radar cruise control system, rear view monitor system, moon roof
11	PANEL	7,5	Steering switches, distance control switch, audio system, glove box light, switch illumination, cigarette lighter, shift lever light, touch screen, rear personal lights
12	S/ROOF	25	Moon roof
13	FUEL OPEN	10	Fuel lid opener
14	LH-B	10	Multiport fuel injection system/sequential multiport fuel injection system
15	TRK OPN	10	Trunk opener
16	TV	7,5	Touch screen, rear view monitor system
17	A/C	7,5	Air conditioning system
18	FR P/SEAT LH	30	Power seat

Passenger’s side instrument panel

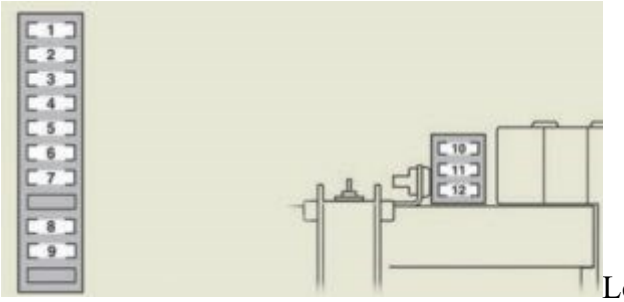


Lexus GS450h – fuse box – passenger's side instrument panel

Fuse		Ampere rating [A]	Circuit protected
1	ECU-IG RH	10	Electric tilt and telescopic steering, combination switch, power seat, smart access system with push-button start, air conditioning system, touch screen, shift lock system, tire pressure warning system, front/rear stabilizer system
2	FR S/HTR RH	15	Seat heaters, seat heaters and ventilators
3	RH-IG	7,5	Front right door control system, rear right door control system, seat belt pretensioners, transmission, seat heaters, seat heaters and ventilators
4	AM2	15	Starting system
5	FR DOOR RH	20	Front right door control system
6	RR DOOR RH	20	Rear right door control system
7	AIR SUS	20	AVS
8	PWR OUTLET	15	Power outlet
9	CIG	15	Cigarette lighter
10	ACC	7,5	Audio system, smart access system with push-button start, touch screen, rear view monitor system
11	IGN	10	Smart access system with push-button start, SRS airbag system, stoplights, hybrid system, steering lock system, electronically controlled brake system, Lexus Link System ECU, front passenger occupant classification system ECU
12	GAUGE	7,5	Gauges and meters
13	STR LOCK	25	Steering lock system

14	SECURITY	7,5	Smart access system with push-button start
15	TI & TE	20	Tilt and telescopic steering
16	AM1	7,5	—
17	STOP SW	7,5	Stoplights, shift lock system
18	OBD	7,5	On-board diagnosis system
19	FR P/SEAT RH	30	Power seat

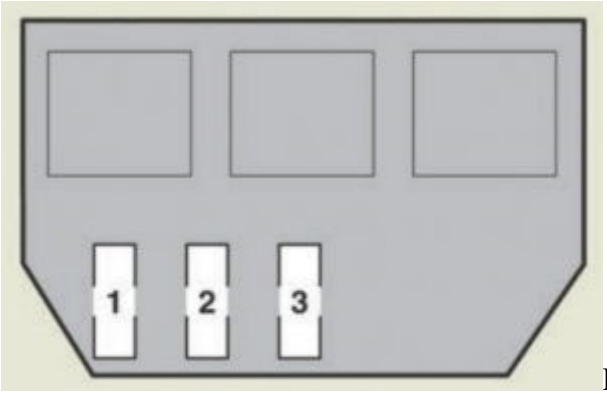
Luggage compartment



Lexus GS450h – fuse box – luggage compartment

Fuse		Ampere rating [A]	Circuit protected
1	RR TAIL	10	Tail lights, license plate lights
2	STOP LP R	10	High mounted stoplights, stoplights
3	STOP LP L	10	Stoplights, back-up light
4	RR FOG	7,5	—
5	RR-B	10	Trunk light
6	RR-IG1	10	Pre-collision seat belt, seat belt pretensioners
7	RR-IG2	10	—
8	PSB	30	Pre-collision seat belt
9	RR S/SHADE	7,5	Rear sunshade
10	RH J/B-B	30	FR DOOR RH, RR DOOR RH, AM2
11	LH J/B-B	30	FR DOOR LH, RR DOOR LH, RAD No.3
12	R/B-B	15	D/C cut

Luggage compartment (vehicles with active stabilizer suspension system)



Lexus GS450h – fuse box – luggage compartment (vehicle with active stabilizer suspension system)

Fuse		Ampere rating [A]	Circuit protected
1	STB FR	50	Front stabilizer
2	STB RR	30	Rear stabilizer
3	STB DC/DC	30	DC/DC converter