

Lexus GS350 / GS430 / GS460 (S190; 2006-2011) fuses

*In this article, we consider the third-generation Lexus GS (S190), produced from 2006 to 2011. Here you will find fuse box diagrams of **Lexus GS 350, GS 430, GS 460 2006, 2007, 2008, 2009, 2010 and 2011**, 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 GS350, GS430, GS460 2006-2011



Cigar lighter (power outlet) fuses in the Lexus GS350 / GS430 / GS460 are the fuses #11 "CIG" (Cigarette lighter) and #12 "PWR OUTLET" (Power outlet) in the Instrument panel fuse box #2.

Passenger Compartment Fuse Box №1

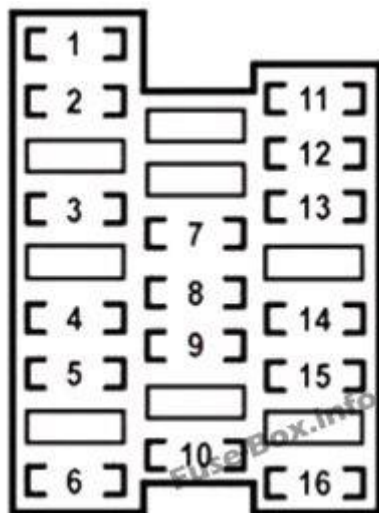
Fuse box location

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



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Fuse box diagram



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

No	Name	Ampere rating [A]	Circuit protected
1	FR P/SEAT LH	30	Power seat system
2	A/C	7,5	Air conditioning system
3	TV	7,5	Audio system, Air conditioning system, Rear view monitor system
4	TRK OPN	10	Trunk lid opener
5	LH-B	10	Multiport fuel injection system/sequential multiport fuel injection system
6	S/ROOF	25	Moon roof
7	PANEL	7,5	2007: Steering switch illumination, Audio system, Glove box light, Automatic transmission selector lever illumination, Console box light, Adaptive variable suspension switch illumination, Cigarette lighter illumination, Air conditioning system, VSC off switch illumination, Driving pattern selector switch, Seat heater or Heated and ventilated seat switches, Register ILL RH, Register ILL LH, Register ILL CTR 2008-2011: Steering switch illumination, audio system, glove box light, automatic transmission selector lever illumination, console box light, adaptive variable suspension switch illumination, cigarette lighter illumination, air conditioning system, VSC OFF switch illumination, driving pattern selector switch, seat heater or heated and ventilated seat switches, register ILL RH, register ILL LH, fuel tiller door and trunk lid opener switch illumination, D-SW module
8	FUEL OPEN	10	Fuel tiller door opener, Trunk lid opener
9	ECU-IG LH	10	VDIM, electronically controlled brake system, yaw rate and G sensor, steering sensor, cruise control system, dynamic radar cruise control system, EPS, VGRS, rear view monitor

№	Name	Ampere rating [A]	Circuit protected
			system, four-wheel drive system, front controller, moon roof, rain sensor
10	FR S/HTR LH	15	Seat heaters and ventilators
11	RR DOOR LH	20	Rear left door control system (power door lock system, door courtesy light, power window)
12	FR DOOR LH	20	Front left door control system (power door lock system, power rear view mirror control system, door courtesy light, outside rear view mirror heater, power window)
13	RAD NO.3	10	Audio system
14	H-LP LVL	7,5	AFS, Automatic headlight leveling control system
15	LH-IG	10	2007: Charging system, Headlight cleaners, Exhaust gas sensor, Rear window defogger, Electric cooling fans, Rear left door control system, Front left door control system, Emergency flashers, Automatic transmission, Seat belt pretensioners, Intuitive parking assist 2008-2011: Charging system, headlight cleaners, exhaust gas sensor, rear window defogger, electric cooling fans, rear left door control system, front left door control system, emergency flashers, automatic transmission, seat belt pretensioners, Intuitive parking assist, power window
16	FR WIP	30	Windshield wipers and washer

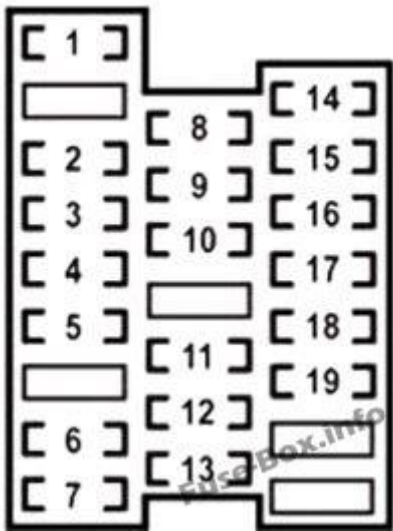
Passenger Compartment Fuse Box №2

Fuse box location

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



Fuse box diagram



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

№	Name	Ampere rating [A]	Circuit protected
1	FR P/SEAT RH	30	Power seat system

№	Name	Ampere rating [A]	Circuit protected
2	OBD	7,5	On-board diagnosis system
3	STOP SW	7,5	2007: Stop/tail lights, Multi-port fuel injection system/sequential multiport fuel injection system, Starting system, ECB system, VSC system, Shift lock system 2008-2011: Stop/tail lights, multi-port fuel injection system/sequential multiport fuel injection system, starting system, electronically controlled brake system, Enhanced VSC system, shift lock system, ECT ECU
4	AM1	7,5	—
5	TI&IE	20	Tilt and telescopic steering wheel, multiplex communication system
6	SECURITY	7,5	Smart access system with push-button start
7	STR LOCK	25	Steering lock system
8	GAUGE	7,5	Gauges and meters
9	IGN	10	Multi-port fuel injection system/sequential multiport fuel injection system, SRS airbag system, stop/tail lights, steering lock system, electronically controlled brake system, occupant classification system ECU
10	ACC	7,5	Multiplex communication system, smart access system with push-button start, rear view monitor system, audio system, air conditioning system
11	CIG	15	Cigarette lighter
12	PWR OUTLET	15	Power outlet
13	AIRSUS	20	Adaptive variable suspension system

No	Name	Ampere rating [A]	Circuit protected
14	RR DOOR RH	20	Rear right door control system (power door lock system, door courtesy light, power window)
15	FR DOOR RH	20	Front right door control system (power door lock system, power rear view mirror control system, door courtesy light, outside rear view minor heater, power window), multiplex communication system
16	AM2	15	Starting system
17	RH-IG	7,5	2007: Seat heater switches, Front right door control system, Rear right door control system, Capacitor, Combination switch, Seat belt pretensioners, Intuitive parking assist 2008-2011: Seat heater switches, front right door control system, rear right door control system, capacitor, combination switch, seat belt pretensioners, shift lever switch, power window
18	FR S/HTR RH	15	Seat heaters and ventilators
19	ECU-IG RH	10	2007: Electric tilt and telescopic steering, Multiplex communication system, Smart access system with push-button start, Audio system, Air conditioning system, Shift lock system, Tire pressure warning system, Combination switch, Front stabilizer, Rear stabilizer, DC/DC converter 2008-2011: Tilt and telescopic steering, combination switch, multiplex communication system, power seat, smart entry & start system, air conditioning system, audio system, shift lock system

Engine Compartment Fuse Box №1

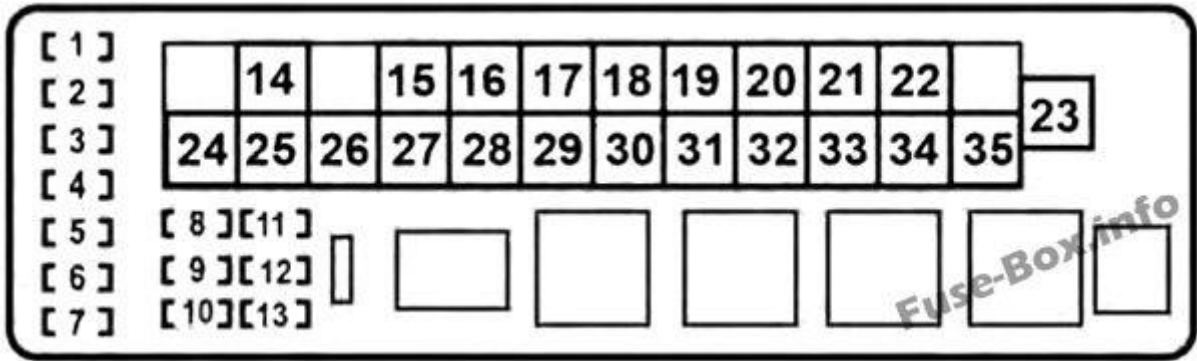
Fuse box location

The fuse box is located in the engine compartment (on the right-side in the LHD, or on the left side in the RHD).



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Fuse box diagram



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

№	Name	Ampere rating [A]	Circuit protected
1	ECU-B	10	VGRS, EPS, driver’s seat switch module
2	ABS MAIN3	25	Electronically controlled brake system
3	TURN- HAZ	15	Turn signal lights, Emergency flashers

No	Name	Ampere rating [A]	Circuit protected
4	IG2 MAIN	20	IG2, GAUGE and IGN
5	RND NO.2	30	Audio system
6	D/C CUT	20	DOME and MPX-B
7	RND NO.1	30	Audio system
8	MPX-B	10	Multiplex communication system, front controller, door control system (power door lock system, door courtesy lights, power windows, power rear view mirror control system, outside rear view mirror heaters), power seat system, steering sensors, electronically controlled brake system, tilt and telescopic steering wheel, gauges and meters, combination switch
9	DOME	10	Foot lights, vanity lights, gauges and meters, steering spot light, steering switch illumination, rear personal lights, automatic transmission selector lever spot light, front personal lights
10	CDS	10	Noise filter
11	ABS MAIN2	10	—
12	ABS MOTOR	30	—
13	ABS MAIN1	10	—
14	E/G-B	60	2007: FR CTRL BATT, ECTS and ALT-S 2008-2011: FR CTRL BATT, ETCS, ALT-S and A/F HTR

No	Name	Ampere rating [A]	Circuit protected
15	ABS1	50	2007: VSC system, ABS MAIN1, ABS MAIN2 and ABS MTR 2008-2011: VDIM
16	RH J/B-B	30	AM2, DOOR FR, and DOOR RR
17	VGRS	40	VGRS
18	MAIN	30	H-LP R LWR and H-LP L LWR
19	STARTER	30	Starting system
20	LH J/B-B	30	FL DOOR, RL DOOR and RND NO.3
21	P/I-B	60	2007: Multi-port fuel injection system/sequential multiport fuel injection system 2008-2011: EFI NO.1, F/PMP and INJ
22	EPS	80	EPS
23	ALT	150	RH J/B-AM, LH J/B-AM, E/G-AM, RR JB, HEATER, DEFOG, FAN1, FAN2, ABS2, ABS MOTOR, ABS MAIN1, and ABS MAIN2
24	RR J/B	80	STOP LP R, STOP LP L, RR-B, RR TAIL, RR FOG, RR-IG1, PSB, and RR S/SHADE
25	GLW PLG1	50	2007: Glow plug heater 2008-2011: Starting system
26	RH J/B-AM	80	AM1, OBD, STOP SW, TI&TE, PWR OUTLET, FR P/SEAT RH, STR LOCK, ECU-IG RH, RH-IG, ACC, CIG, SECURITY, FR S/HTR RH and AIR SUS
27	ABS2	30	2007: VSC, ABS 2008-2010: ABS

№	Name	Ampere rating [A]	Circuit protected
			2011: —
28	DEFOG	50	Rear window defogger, noise filter
29	CDS	40	CDS
30	FAN1	40	—
31	HEATER	50	Air conditioning system
32	GLW PLG2	50	2007: Glow plug heater 2008-2011: Starting system
33	E/G-AM	60	2007: H-LMP CLN, FR CTRL-AM and A/C COMP 2008-2011: H-LP CLN, FR CTRL ALT, A/C COMP and STB-AM
34	LH J/B-AM	80	2007: S/ROOF, FR P/SEAT LH, TV, FR S/HTR LH, FR WIP, H-LP LVL, LH-IG, FUEL OPEN, A/C, PANEL and LH-B 2008-2011: S/ROOF, P/SEAT, TV, FL S-HTR, ECU-IG L, WIP, H-LP LVL, LH-IG, FUEL OPN, A/C, PANEL, LH-B and TRK OPN
35	FAN2	60	2007: — 2008-2011: Electric cooling fans

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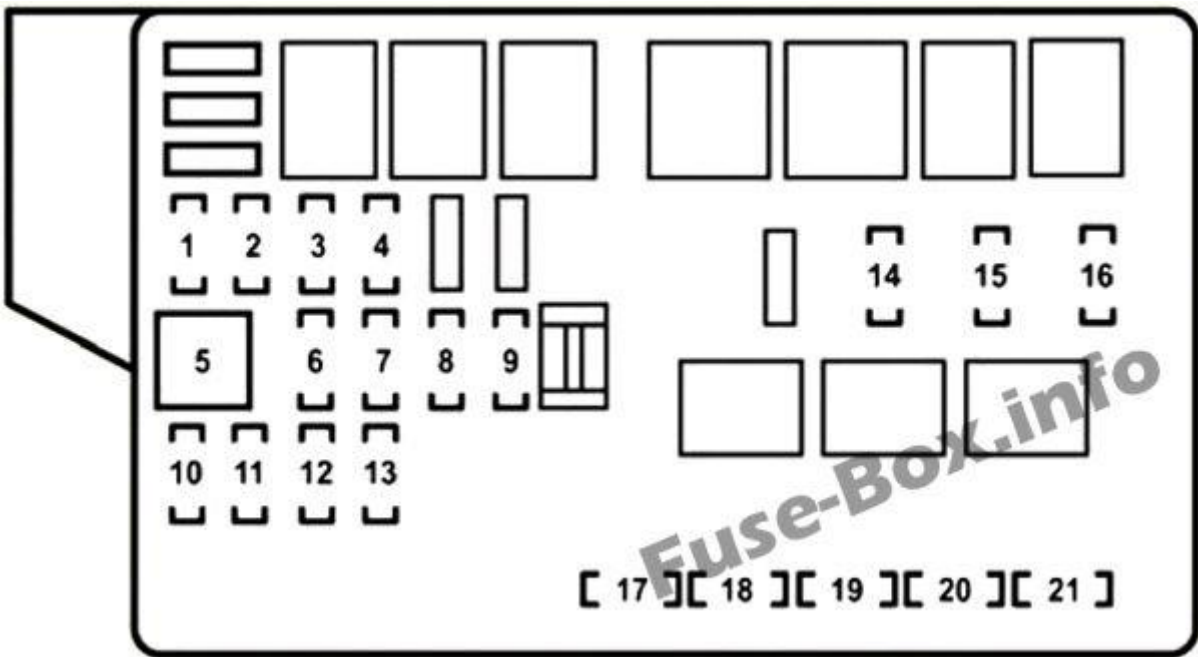
Engine Compartment Fuse Box №2

Fuse box location

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



Fuse box diagram (2007)



Assignment of the fuses in the Engine Compartment Fuse Box №2 (2007)

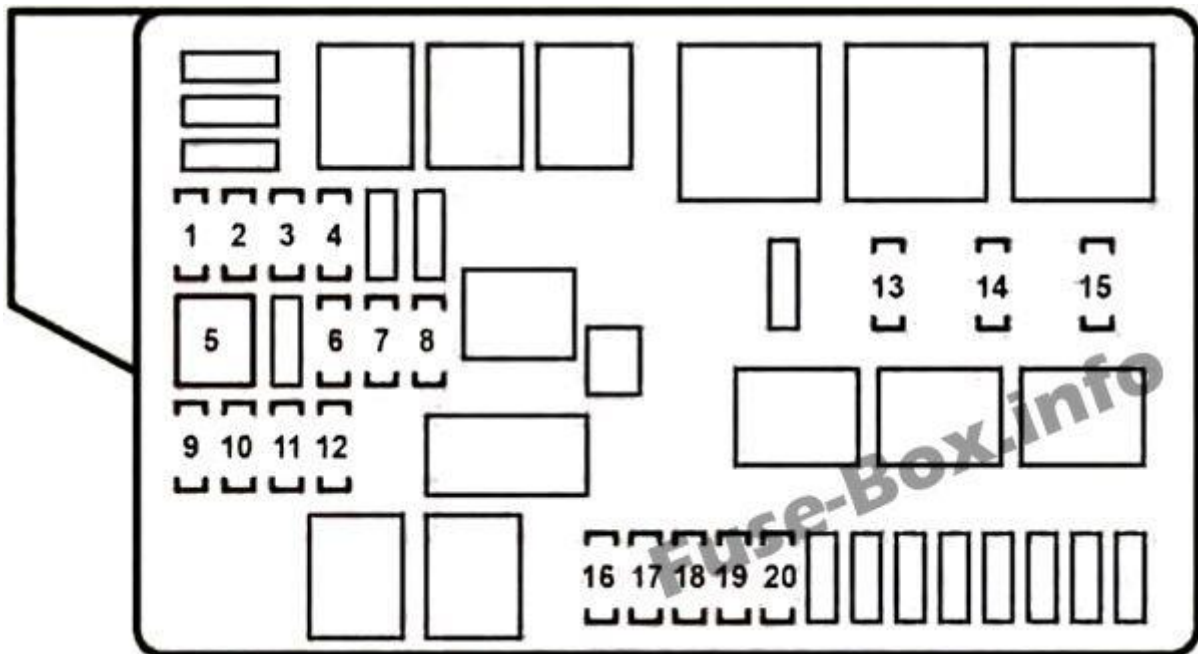
№	Name	Ampere rating [A]	Circuit protected
1	FR CTRL-B	25	Headlight high beam, horn
2	A/F	15	Exhaust system

№	Name	Ampere rating [A]	Circuit protected
3	ETCS	10	Multiport fuel injection system/sequential multiport fuel injection system
4	ALT-S	7,5	Charging system
5	H-LP CLN	30	Headlight cleaner
6	STB-AM	30	DC/DC converter (only for GS430 equipped with active stabilizer suspension system)
7	A/C COMP	7,5	Air conditioning system
8	DEICER	25	—
9	FR CTRL-AM	30	Front fog lights, parking lights, windshield washer
10	IG2	10	Ignition system
11	EFI NO.2	10	Fuel system, exhaust system
12	H-LP R LWR	15	Headlight low beam (right)
13	H-LP L LWR	15	Headlight low beam (left)
14	F/PMP	25	Fuel system
15	EFI	20(GS430)	Multiport fuel injection system/sequential multiport fuel injection system
15	EFI	25(GS350)	Multiport fuel injection system/sequential multiport fuel injection system
16	INJ	20	Multiport fuel injection system/sequential multiport fuel injection system

№	Name	Ampere rating [A]	Circuit protected
17	H-LP UPR	15	Headlight high beams
18	HORN	10	Horns
19	WASHER	20	Windshield washer
20	FR TAIL	10	Parking lights
21	FR FOG	15	Front fog lights

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Fuse box diagram (2008-2011)



Assignment of the fuses in the Engine Compartment Fuse Box №2 (2008-2011)

№	Name	Ampere rating [A]	Circuit protected
1	FR CTRL-B	25	H-LP UPR and HORN
2	A/F	15	Exhaust system
3	ETCS	10	Electronic throttle control system

№	Name	Ampere rating [A]	Circuit protected
4	ALT-S	7,5	Charging system
5	H-LP CLN	30	Headlight cleaner
6	A/C COMP	7,5	Air conditioning system
7	DEICER	25	—
8	FR CTRL-AM	30	FR TAIL, FR FOG and WASHER
9	IG2	10	Ignition system and noise filter
10	EFI NO.2	10	Fuel system, exhaust system
11	H-LP R LWR	15	Headlight low beam (right)
12	H-LP L LWR	15	Headlight low beam (left)
13	F/PMP	25	Fuel system
14	EFI NO.1	25	Multiport fuel injection system/sequential multiport fuel injection system
15	INJ	20	Multiport fuel injection system/sequential multiport fuel injection system
16	H-LP UPR	15	Headlight high beams
17	HORN	10	Horns
18	WASHER	20	Windshield wipers and washer
19	FR TAIL	10	Parking lights, side marker light
20	FR FOG	15	Front fog lights

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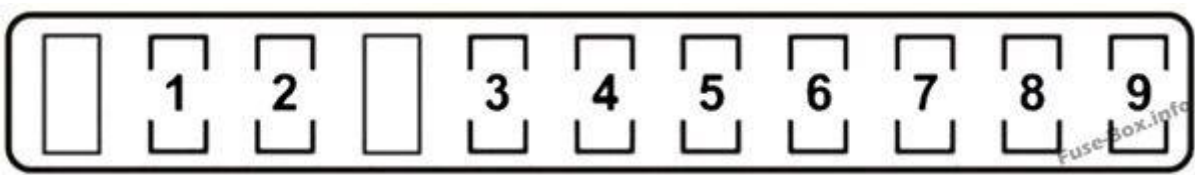
Luggage Compartment Fuse Box

Fuse box location

The fuse box is located in the left side of the luggage compartment, behind the cover.



Fuse box diagram

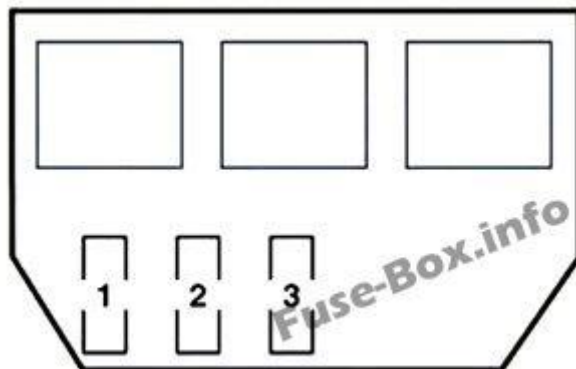


Assignment of the fuses in the trunk

No	Name	Ampere rating [A]	Circuit protected
1	RR S/SHADE	7,5	Rear sunshade
2	PSB	30	Pre-collision seat belt
3	RR-IG2	10	—
4	RR-IG1	10	2007: Pre-collision seat belt, seat belt pretensioners 2008-2011: Pre-collision seat belt, seat belt pretensioners, A/P UNIT, rear sunshade

Nº	Name	Ampere rating [A]	Circuit protected
5	RR-B	10	2007: Trunk light 2008-2011: Trunk light, noise filter
6	RR FOG	7,5	—
7	STOP LP L	10	Stoplights, back-up light
8	STOP LP R	10	High mounted stoplights
9	RR TAIL	10	2007: Tail lights, license plate lights 2008-2011: Tail lights, license plate lights, rear side marker lights

Luggage Compartment Additional Fuse Box (vehicles with active stabilizer suspension system)



Nº	Name	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