

Lexus RX330 / RX350 (XU30; 2003-2009) fuses

*In this article, we consider the second-generation Lexus RX (XU30), produced from 2003 to 2009. Here you will find fuse box diagrams of **Lexus RX 330 and RX 350 2003, 2004, 2005, 2006, 2007, 2008 and 2009**, 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 RX:

Fuse Layout Lexus RX330, RX350 2003-2009



Cigar lighter (power outlet) fuse3 in the Lexus RX330 / RX350 are the fuses #63 "CIG", #64 "PWR OUTLET NO.1" in the Instrument panel fuse box, and fuse #14 (2003-2006) or #31 (2007-2009) "PWR OUTLET NO.2" in the Engine Compartment Fuse Box.

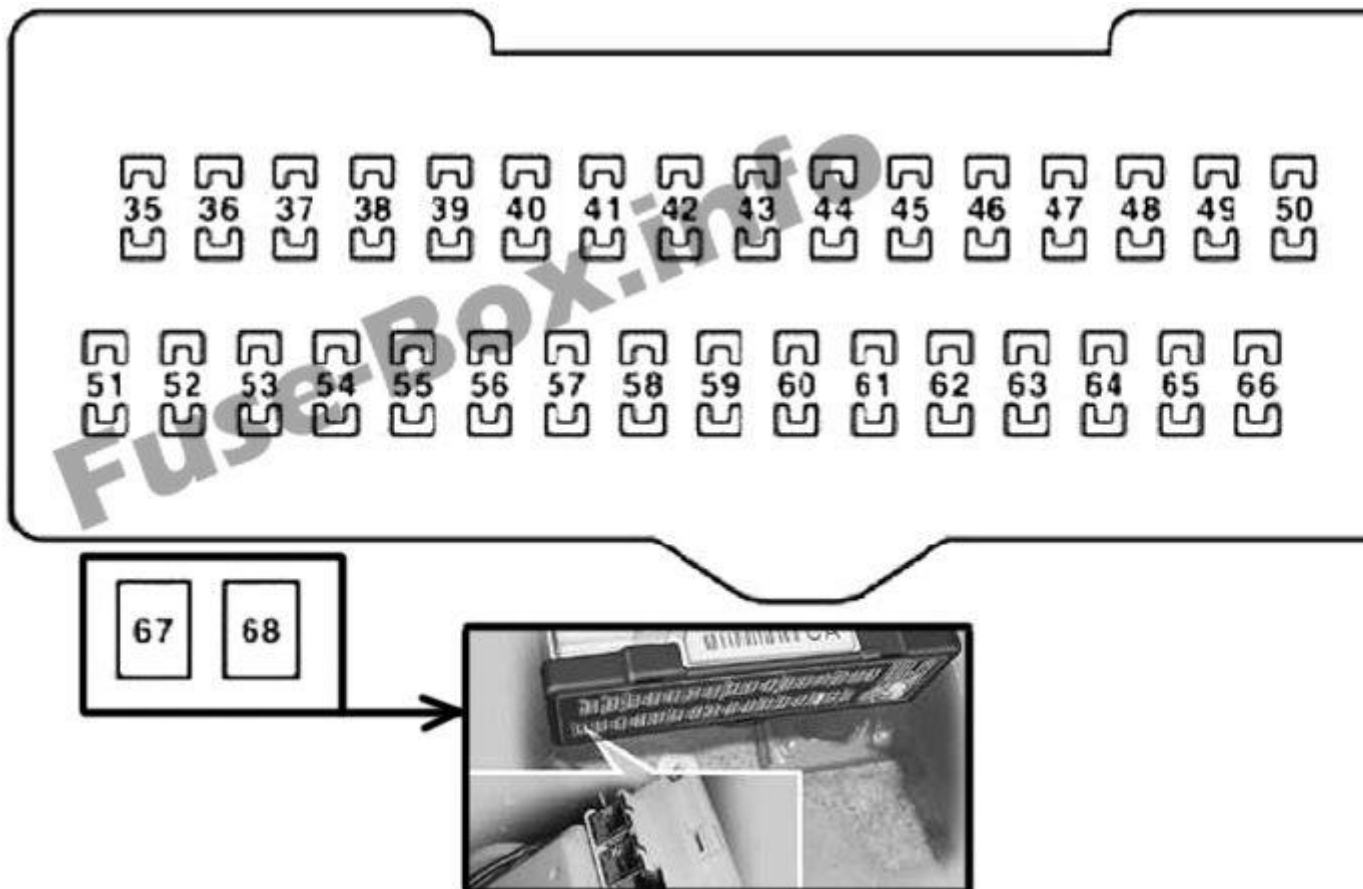
Passenger Compartment Fuse Box

Fuse box location

The fuse box is located under the instrument panel (on the driver's side), under the lid.



Fuse box diagram



Assignment of the fuses in the Passenger Compartment

№	Name	A	Description
35	RR DOOR RH	20	Rear right side power window
36	RR DOOR LH	20	Rear left side power window
37	FUEL OPN	7.5	Fuel filler door opener
38	FR FOG	15	Front fog lights
39	OBD	7.5	On-board diagnosis system
40	FR DEF	25	Windshield wiper deicer and all components in "MIR HTR" fuse
41	STOP	10	Tail lights, high mounted stoplight, rear light failure warning light, anti-lock brake system, vehicle stability control system, traction control system, brake assist system, electronically modulated air suspension, shift lock control system, multipoint fuel injection system/sequential multipoint fuel injection system
42	TI&TE	30	Tilt and telescopic steering
43	MPX-B	7.5	2003-2006: No circuit 2007-2009: Security system
44	AM1	7.5	Starter system
45	RR FOG	7.5	No circuit
46	AIRSUS	7.5	Electronically modulated air suspension
47	DOOR NO. 2	25	Multiplex communication system
48	S/ROOF	30	Moon roof

No	Name	A	Description
49	TAIL	10	Front fog lights, instrument cluster lights, instrument panel lights, front side marker lights, tail lights, license plate lights, towing converter
50	PANEL	7.5	Glove box light, instrument cluster lights, instrument panel lights, console box light, car audio system, power outlet, garage door opener switch, electronically controlled automatic transmission system, headlight cleaner, electronically controlled air suspension, seat heaters, steering switches, power back door
51	ECU-IG NO. 1	7.5	Power rear view mirror control, moon roof, multiplex communication system, navigation system display, shift lock control system, multiplex communication system (power door lock system, wireless remote control system), driving position memory system, vehicle stability control system, traction control system, windshield wipers, electronically controlled automatic transmission, seat heaters, power seats, tilt and telescopic steering, power back door, electronically modulated air suspension, Lexus Link System
52	ECU-IG NO. 2	10	Automatic headlight leveling system, vehicle stability control system, dynAM1c laser cruise control, headlight cleaner, adaptive front-lighting system
53	HEATER	7.5	Electric cooling fan, air conditioning system, rear window defogger, ignition switch, windshield wiper deicer
54	WASHER	20	Windshield washer
55	SEAT HTR	20	Seat heaters
56	GAUGE NO. 1	7.5	Instrument cluster lights, instrument panel lights, emergency flashers, seat belt, power outlet, rear light failure warning light, multiport fuel injection system/sequential multiport fuel injection system, back-up lights
57	FR WIP	30	Windshield wipers
58	RR WIP	15	Rear window wiper
59	INJ	20	2003-2006: Multiport fuel injection system/sequential multiport fuel injection system

No	Name	A	Description
59	IG2	7.5	2007-2009: Multiport fuel injection system/sequential multiport fuel injection system
60	IGN	10	SRS airbag system, multiport fuel injection system/sequential multiport fuel injection system, front passenger occupant classification system, stop lights
61	GAUGE NO. 2	7.5	Gauge and meters
62	ECU-ACC	7.5	Navigation system display, power rear view mirror control, shift lock control system, multiplex communication system
63	CIG	15	Cigarette lighter, power outlet
64	PWR OUTLET NO. 1	15	Power outlet
65	RADIO NO. 2	7.5	Instrument cluster lights, instrument panel lights, navigation system, car audio system, Lexus Link System
66	MIR HTR	10	Outside rear view mirror defogger
67	P/SEAT	30	Power seats
68	PWR	30	Power window, multiplex communication system (power door lock system, wireless remote control system), outside rear view mirror

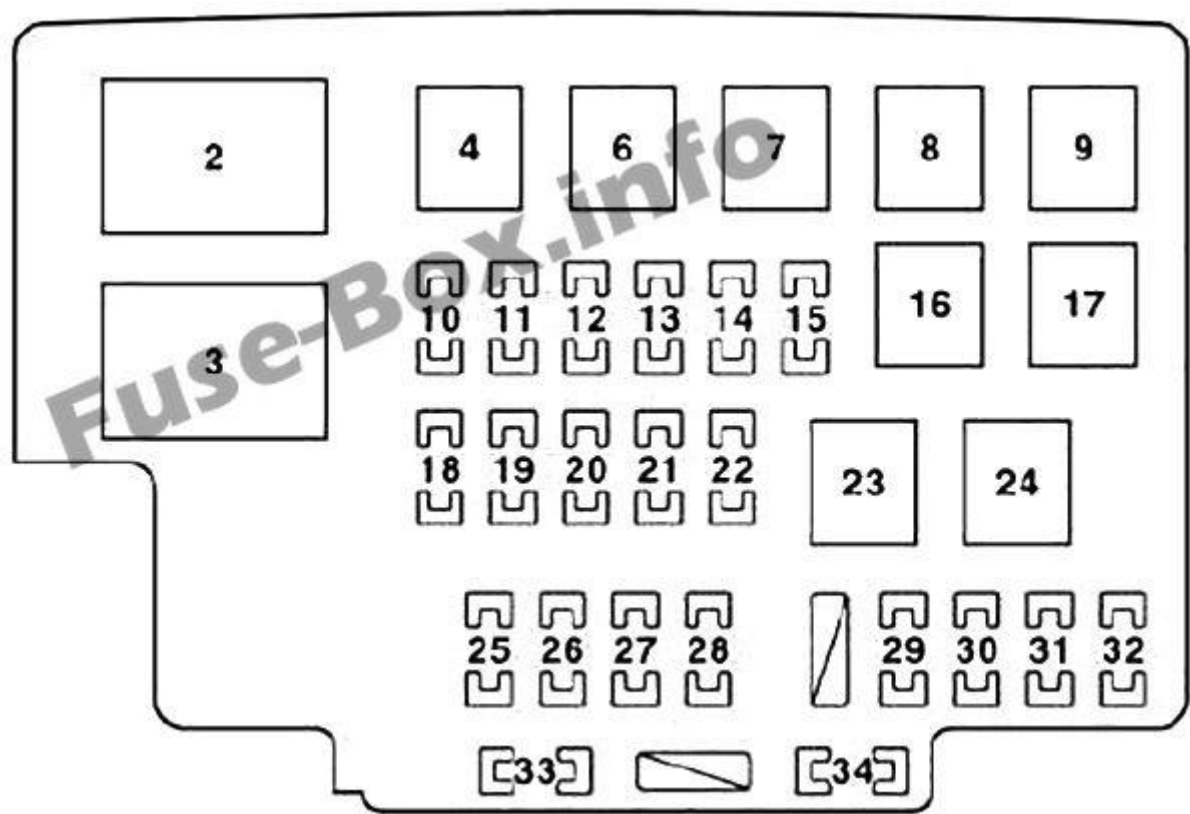
Engine Compartment Fuse Box

Fuse box location

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



Fuse box diagram (RX330, 2003-2006)



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Assignment of the fuses in the Engine Compartment (RX330 2003-2006)

Nº	Name	A	Description
2	INP-J/B	100	without electronically modulated air suspension: All components in "HEATER", "H-LP CLN", "TAIL", "PANEL", "FR

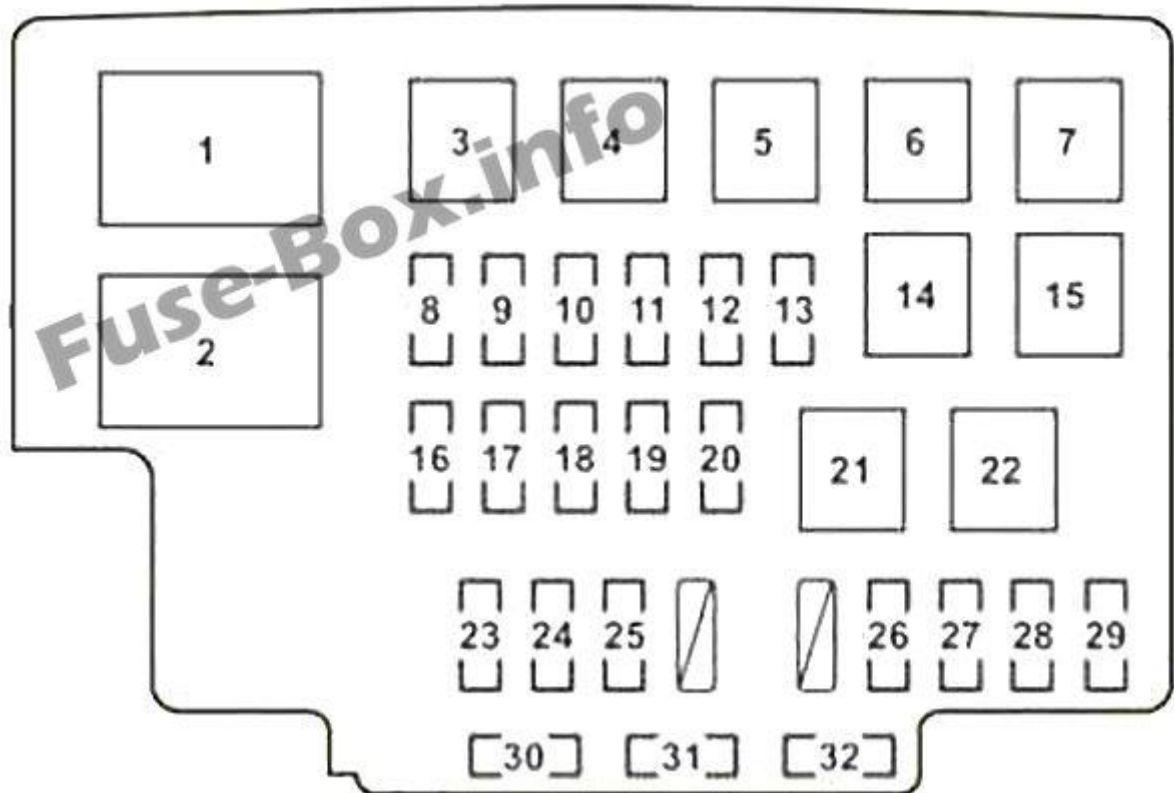
No	Name	A	Description
			FOG", "CIG", "RADIO NO. 2", "ECU-ACC", "PWR OUTLET NO. 1", "GAUGE NO. 1", "ECU-IG NO. 1", "FR WIP", "RR WIP", "WASHER", "SEAT HTR", "ECU-IG NO. 2", "P/SEAT", "PWR", "TI&TE", "RR DOOR LH", "RR DOOR RH", "MPX-B", "AM1", "DOOR NO. 2", "STOP", "OBD", "FUEL OPN", "AIRSUS" (7.5 A), "S/ROOF", "FR DEF" and "RR FOG" fuses
2	AIRSUS	60	with electronically modulated air suspension: Electronically modulated air suspension
3	ALT	140	All components in "INP-J/B", "AIRSUS" (60 A), "ABS NO. 1", "ABS NO. 2", "RDI FAN", "RR DEF", "HEATER", "PBD", "H-LP CLN/MSB", "H-LP CLN", "PWR OUTLET NO. 2", "TOWING", "TAIL", "PANEL", "FR FOG", "CIG", "RADIO NO. 2", "ECU-ACC", "PWR OUTLET NO. 1", "GAUGE NO. 1", "ECU-IG NO. 1", "FR WIP", "RR WIP", "WASHER", "HEATER", "SEAT HTR", "ECU-IG NO. 2", "P/SEAT", "PWR", "TI&TE", "RR DOOR LH", "RR DOOR RH", "MPX-B", "AM1", "DOOR NO. 2", "STOP", "OBD", "FUEL OPN", "AIRSUS" (7.5 A), "S/ROOF", "FR DEF" and "RR FOG" fuses
4	PBD	30	Power back door
5	H-LP CLN/MSB	30	Headlight cleaner
6	H-LP CLN	30	Headlight cleaner
7	ABS NO. 1	30	Anti-lock brake system, vehicle stability control system, traction control system, brake assist system
8	RR DEF	40	Rear window defogger
9	HEATER	50	Air conditioning system, rear window defogger
10	DRL	7.5	Daytime running light system
11	H-LP L LWR	15	Left-hand headlight (low beam)

No	Name	A	Description
12	H-LP L UPR	15	Left-hand headlight (high beam)
13	H-LP R UPR	15	Right-hand headlight (high beam)
14	PWR OUTLET NO. 2	20	Power outlet
15	TOWING	30	Trailer lights
16	ABS NO. 2	50	Anti-lock brake system, vehicle stability control system, traction control system, brake assist system
17	RDI FAN	50	Electric cooling fan
18	HAZ	15	Turn signal lights
19	CRT	7.5	Car audio system
20	ALT-S	7.5	Charging system
21	ETCS	10	Multiport fuel injection system/sequential multiport fuel injection system
22	HORN	10	Horns
23	MAIN	40	Daytime running light system, left-hand headlight, right-hand headlight, all components in "H-LP R LWR", "H-LP R UPR", "H-LP L UPR", "H-LP L LWR" and "DRL" fuses
24	AM 2	30	Starting system, all components in "GAUGE NO. 2", "IGN" and "INJ" fuses
25	RADIO NO. 1	15	Car audio system, navigation system
26	ECU-B	7.5	Power window, multiplex communication system, gauge and meters, instrument cluster lights, instrument panel lights, air

No	Name	A	Description
			conditioning system, garage door opener, illuminated entry system, wireless remote control system, power back door, driving position memory system, navigation system display, moon roof, tilt and telescopic steering, power seats, outside rear view mirror, windshield wipers
27	DOME	7.5	Gauge and meters, personal lights, vanity lights, door courtesy lights, inside door handle lights, ignition switch light, foot lights, scuff plate lights, luggage compartment light, interior light
28	TEL	7.5	Lexus Link System
29	AMP	30	Car audio system
30	DOOR NO. 1	25	Multiplex communication system
31	A/F	25	Multiport fuel injection system/sequential multiport fuel injection system
32	EFI NO. 1	25	Multiport fuel injection system/sequential multiport fuel injection system and all components in "EFI NO. 2" fuse
33	H-LP R LWR	15	Right-hand headlight (low beam)
34	EFI NO. 2	10	Multiport fuel injection system/sequential multiport fuel injection system

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Fuse box diagram (RX350, 2007-2009)



Assignment of the fuses in the Engine Compartment (RX350 2007-2009)

No	Name	A	Description
1	AIRSUS	60	With electronically modulated air suspension: Electronically modulated air suspension
1	INP-J/B	100	Without electronically modulated air suspension: HEATER, TAIL, PANEL, FR FOG, CIG, RADIO NO. 2, ECU-ACC, PWR OUTLET NO. 1, GAUGE NO. 1, ECU-IG NO.1, FR WIP, RR WIP, WASHER, SEAT HTR, ECU-IG NO. 2, P/SEAT, PWR, TI&TE, RR DOOR LH, RR DOOR RH, MPX-B, AM1, DOOR NO.2, STOP, OBD, FUEL OPN, AIRSUS (7.5 A), S/ROOF, FR DEF, RR FOG
2	ALT	140	INP-J/B, AIRSUS (60 A), ABS NO. 1, ABS NO. 2, RDI FAN, RR DEF, HEATER, PBD, H-LP CLN/MSB, H-LP CLN, POWER OUTLET NO. 2, TOWING, TAIL, PANEL, FR FOG, CIG, RADIO NO. 2, ECU-ACC, PWR OUTLET NO. 1, GAUGE NO. 1, ECU-IG NO. 1, FR WIP, RR WIP, WASHER, HEATER, SEAT HTR, ECU-IG NO. 2, P/SEAT, PWR, CRT, TI&TE, RR DOOR LH, RR DOOR RH, MPX-B, AM1, DOOR NO. 2, STOP, OBD, FUEL OPN, AIRSUS (7.5 A), S/ROOF, FR DEF, RR FOG
3	PBD	30	Power back door

No	Name	A	Description
4	H- LP CLN/MSB	30	Headlight cleaner
4	H-LP CLN	30	Headlight cleaner
5	ABS NO.1	30	Anti-lock brake system, vehicle stability control system, traction control system, brake assist system
6	RR DEF	40	Rear window defogger
7	HEATER	50	Air conditioning system, rear window defogger
8	DRL/WIP-S	7.5	Daytime running light system
9	H-LP L LWR	15	Left-hand headlight (low beam)
10	H-LP L UPR	15	Left-hand headlight (high beam)
11	H-LP R UPR	15	Right-hand headlight (high beam)
12	TOWING	30	Trailer lights
13	CRT	7.5	Audio system
14	ABS NO.2	50	Anti-lock brake system, vehicle stability control system, traction control system, brake assist system
15	RDI FAN	50	Electric cooling fans
16	HAZ	15	Turn signal lights
17	A/F	25	Multiport fuel injection system/ sequential multiport fuel injection system
18	ALT-S	7.5	Charging system

No	Name	A	Description
19	ETCS	10	Multiport fuel injection system/ sequential multiport fuel injection system
20	HORN	10	Horns
21	MAIN	40	Daytime running light system, left-hand headlight, right-hand headlight, H-LP R LWR, H-LP R UPR, H-LP L UPR, H-LP L LWR, DRL
22	AM 2	30	Starting system, GAUGE NO. 2, IGN, IG2
23	RADIO NO. 1	15	Audio system, navigation system
24	ECU-B	7.5	Power window, multiplex communication system, gauge and meters, instrument cluster lights, instrument panel lights, air conditioning system, garage door opener, illuminated entry system, wireless remote control system, power back door, driving position memory system, navigation system display, moon roof, tilt and telescopic steering, power seats, outside rear view mirror, windshield wipers
25	DOME	7.5	Gauge and meters, personal lights, vanity lights, door courtesy lights, inside door handle lights, engine switch light, foot well lighting, scuff lighting, luggage compartment light, interior light
26	AMP	30	Audio system
27	DOOR NO. 1	25	Multiplex communication system
28	INJ	10	Multiport fuel injection system/ sequential multiport fuel injection system
29	EFI NO. 1	25	Multiport fuel injection system/ sequential multiport fuel injection system, EFI NO. 2
30	H-LP R LWR	15	Right-hand headlight (low beam)

No	Name	A	Description
31	PWR OUTLET NO. 2	20	Power outlet
32	EFI NO. 2	10	Multiport fuel injection system/ sequential multiport fuel injection system