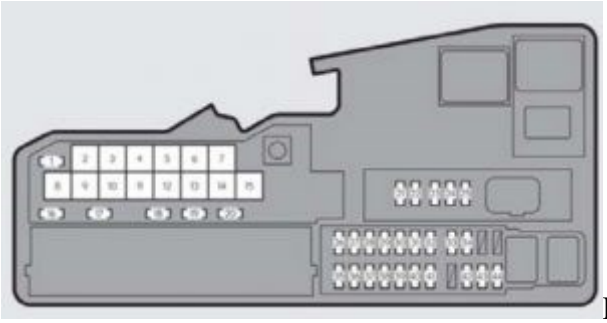
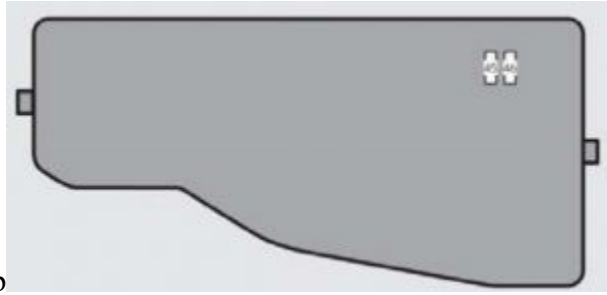
Lexus ES250 2012 – 2015 fuse box diagrams

Engine compartment (type A)



Lexus ES250 – fuse box – engine compartment (type A) – top



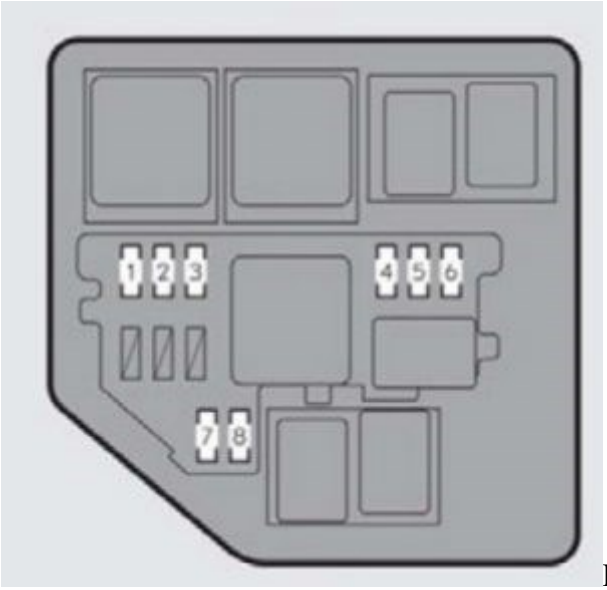
Lexus ES250 – fuse box – engine compartment (type A)

Fuse		Ampere rating [A]	Circuit protected
1	WIP-S	5	Driver support system, windshield wipers
2	FAN	50	Electric cooling fan
3	H-LP CLN	30	No circuit
4	ENG W/PMP*1	30	Cooling system
5	PTC HTR NO.2	50	PTC heater
6	PTC HTR NO.1	50	PTC heater
7	HTR	50	Air conditioning system
8	ALT*2	140	Charging system
	DC/DC*1	120	Hybrid system
9	ABS NO.2*2	30	VSC, ABS
10	ST/AM2*2	30	Starting system
	ABS NO.1*1	30	VSC, ABS
11	H-LP-MAIN	30	H-LP RH-LO, H-LP LH-LO
12	ABS MTR NO.2*1	50	VSC, ABS
13	ABS NO.1*2	50	VSC, ABS

	ABS MTR NO.1*1	50	VSC, ABS
14	R/B NO.2*1	50	IGCT MAIN, INV W/PMP
15	EPS	80	Electric power steering
16	S-HORN	7,5	S-HORN
17	DEICER	15	Windshield deicer
18	HORN	10	Horn
19	TV	15	Multi-information display, audio display, Remote Touch, audio system, gauges and meters
20	AMP NO.2	30	Audio system
21	EFI NO.2	15	Multiport fuel injection system, sequential multiport fuel system, electronic controlled transmission
22	EFI NO.3	10*2	Multiport fuel injection system, sequential multiport fuel system, air intake system, exhaust system
		7,5*1	Multiport fuel injection system, sequential multiport fuel system, air intake system
23	INJ	7,5	Multiport fuel injection system, sequential multiport fuel system
24	ECU-IG2 NO.3	7,5	Multiport fuel injection system, sequential multiport fuel system, electronic controlled transmission, power management system, steering lock system, cruise control system
25	IGN	15	Starting system
26	D/L-AM2	25	Power door lock system
27	IG2-MAIN	25	INJ, IGN
28	ALT-S*2	7,5	Charging system
	DC/DC-S*1	7,5	Hybrid system
29	MAYDAY	5	MAYDAY
30	TURN&HAZ	15	Turn signal lights, emergency flashers
31	STRG LOCK	10	Steering lock system
32	AMP	30	Audio system
33	H-LP LH-LO	15	Left-hand headlight
34	H-LP RH-LO	15	Right-hand headlight
35	EFI-MAIN NO.1	30	EFI NO.2, EFI NO.3, fuel system
36	SMART	5	Smart access system with push-button start, occupant classification system
37	ETCS	10	Multiport fuel injection system, sequential multiport fuel system
38	ABS NO.2*1	7,5	VSC, ABS

39	EFI NO.1	7,5	Multiport fuel injection system, sequential multiport fuel system, electronic controlled transmission
40	A/F*2	20	Air intake system
	EFI-MAIN NO.2*1	20	Fuel system, air intake system, exhaust system
41	AM2	7,5	Power management system, smart access system with push-button start
42	PANEL	10	Switch illumination, audio system, multi-information display, audio display, shift lever light, glove box light, console box light, Remote Touch, intuitive parking assist switch illumination
43	DOME	7,5	Clock, footwell lights, vanity lights, ornament lights, personal lights, door courtesy lights
44	ECU-B NO.1	10	Smart access system with push-button start, main body ECU, steering sensor, gauges and meters, gateway ECU, electric tilt and telescopic steering column, power seats, overhead module, outside mirror control ECU, power trunk opener and closer ECU
45	SPARE	25	Spare fuse
46	SPARe	30	Spare fuse
*1: Hybrid vehicles *2: Gasoline vehicles			

Engine compartment (type B fuse box) (hybrid vehicles only



Lexus ES250 – fuse box – engine compartment (type B)

Fuse	Ampere rating [A]	Circuit protected

1	BATT FAN	7,5	Battery cooling fan
2	INV W/PMP RLY	7,5	INV W/PMP RLY
3	DC/DC IGCT	10	Hybrid system
4	INV	7,5	Hybrid system
5	BATT VL SSR	10	Hybrid system
6	PM IGCT	7,5	Power management system, hybrid system
7	IGCT-MAIN	25	INV W/PMP RLY, INV, DC/DC IGCT, BATT VL SSR, PM IGCT, BATT FAN
8	INV W/PMP	15	Hybrid system

Driver’s side instrument panel

Lexus ES250 – fuse box – instrument panel

Fuse		Ampere rating [A]	Circuit protected
1	ECU-IG1 NO.2	10	Main body ECU, audio system, shift lock system, outside mirror control ECU, tension reducer, windshield wipers, heated steering wheel, multi-information display, audio display, intuitive parking assist, tire pressure warning system, moon roof, auto anti-glare inside rear view mirror, raindrop sensor, rear sunshade, wireless door lock system, power trunk opener and closer ECU
2	ECU-IG1 NO.1	10	FAN, DEICER, VSC, ABS, charging system, steering sensor, electronic controlled transmission, electric power steering, gateway ECU, electric tilt and telescopic steering column
3	PANEL NO.2	5	Clock
4	TAIL	15	Parking lights, side marker lights, license plate lights
5	DOOR F/R	20	Power window, outside mirror control ECU
6	DOOR R/R	20	Power window
7	DOOR F/L	20	Power window, outside mirror control ECU
8	DOOR R/L	20	Power window

9	H-LP LVL	7,5	Automatic headlight leveling system
10	WASHER	10	Windshield washer
11	A/C-IG1	7,5	Air conditioning system, PTC heater, gauges and meters, seat heaters and ventilators
12	WIPER	25	Windshield wipers
13	BKUP LP	7,5	Multiport fuel injection system, sequential multiport fuel system, electronic controlled transmission, audio system, navigation system, back-up lights
14	FUEL OPN	10	Fuel filler door opener
15	EPS-IG1	10	Electric power steering
16	P/OUTLET RR	15	Power outlet
17	RADIO-ACC	5	Audio system, Remote Touch, multi-information display, audio display, navigation system
18	S/HTR&FAN F/R	10	Seat heaters and ventilators
19	S/HTR&FAN F/L	10	Seat heaters and ventilators
20	OBD	7,5	On-Board diagnosis system
21	ECU-B NO.2	10	Power window master switch, air conditioning system, smart access system with pushbutton start, tire pressure warning system, rear sunshade
22	STRG HTR	10	Heated steering wheel
23	PTL	25	Power trunk opener and closer ECU
24	STOP	7,5	Power management system, multiport fuel injection system, sequential multiport fuel system, VSC, ABS, electronic controlled transmission, driver support system, engine room junction block assy, tail lights, high mounted stoplight, smart access system with push-button start, shift lock system
25	P/SEAT F/L	30	Power seats
26	A/C-B	7,5	Air conditioning system
27	S/ROOF	10	Moon roof
28	P/SEAT F/R	30	Power seats
29	PSB	30	Pre-collision seat belt
30	D/L-AM1	20	Main body ECU, power door lock system
31	TI&TE	20	Electric tilt and telescopic steering column
32	A/B	10	Occupant classification system, SRS airbag system
33	ECU-IG2 NO.1	7,5	Gauges and meters
34	ECU-IG2 NO.2	7,5	VSC, ABS, gateway ECU, smart access system with push-button start, SRS airbag system

35	CIG& P/OUTLET	15	Power outlet
36	ECU-ACC	7,5	Main body ECU, gauges and meters, outside rear view mirrors
37	ECU-IG1 NO.3	10	Intuitive parking assist, driver support system, skid control buzzer, Blind Spot Monitor, radar sensor
38	S/HTR RR	20	No circuit