

Toyota Corolla (E140/E150; 2007-2013) fuses and relays

*In this article, we consider the tenth-generation Toyota Corolla and first-generation Toyota Auris (E140/E150), produced from 2006 to 2013. Here you will find fuse box diagrams of **Toyota Corolla 2007, 2008, 2009, 2010, 2011, 2012 and 2013**, get information about the location of the fuse panels inside the car, and learn about the assignment of each fuse (fuse layout) and relay.*

See other Toyota Corolla / Auris:

Fuse Layout Toyota Corolla / Auris 2007-2013



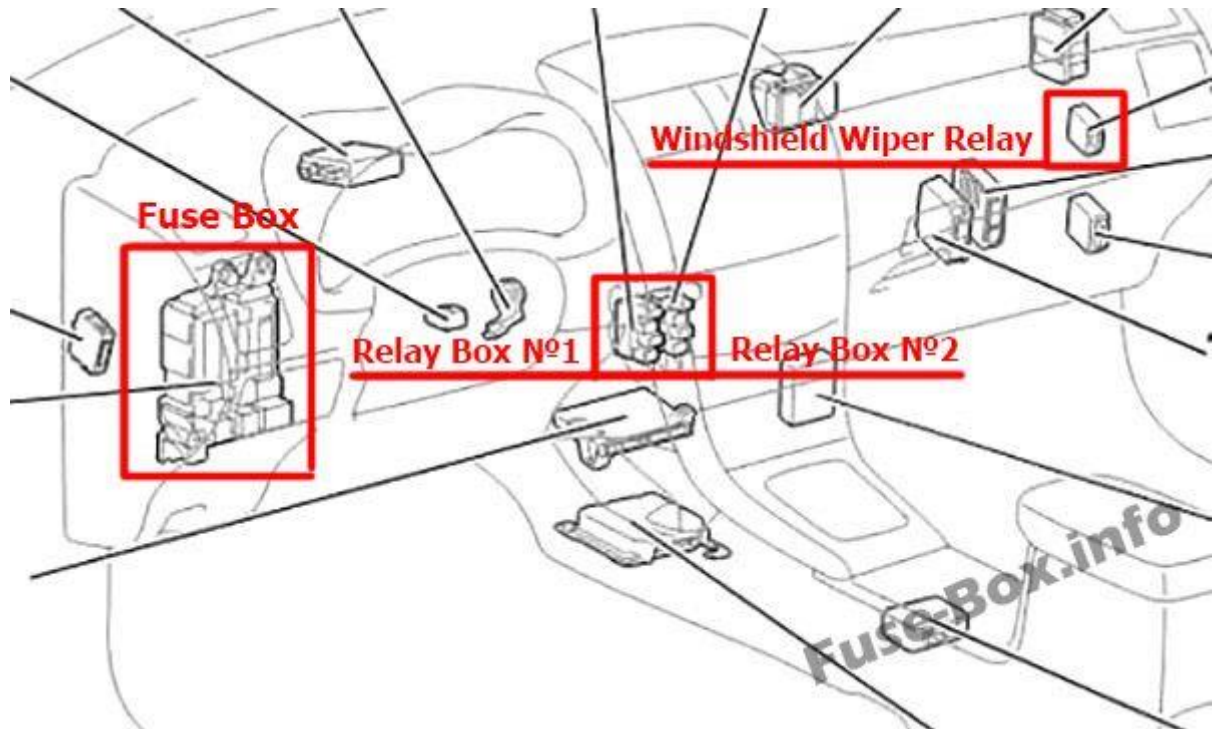
Cigar lighter (power outlet) fuses in the Toyota Corolla / Auris are the fuses #24 "CIG" (Cigarette Lighter) and #4 "ACC-B" ("CIG", "ACC" fuses) in the Instrument panel fuse box.

Passenger Compartment Fuse Box

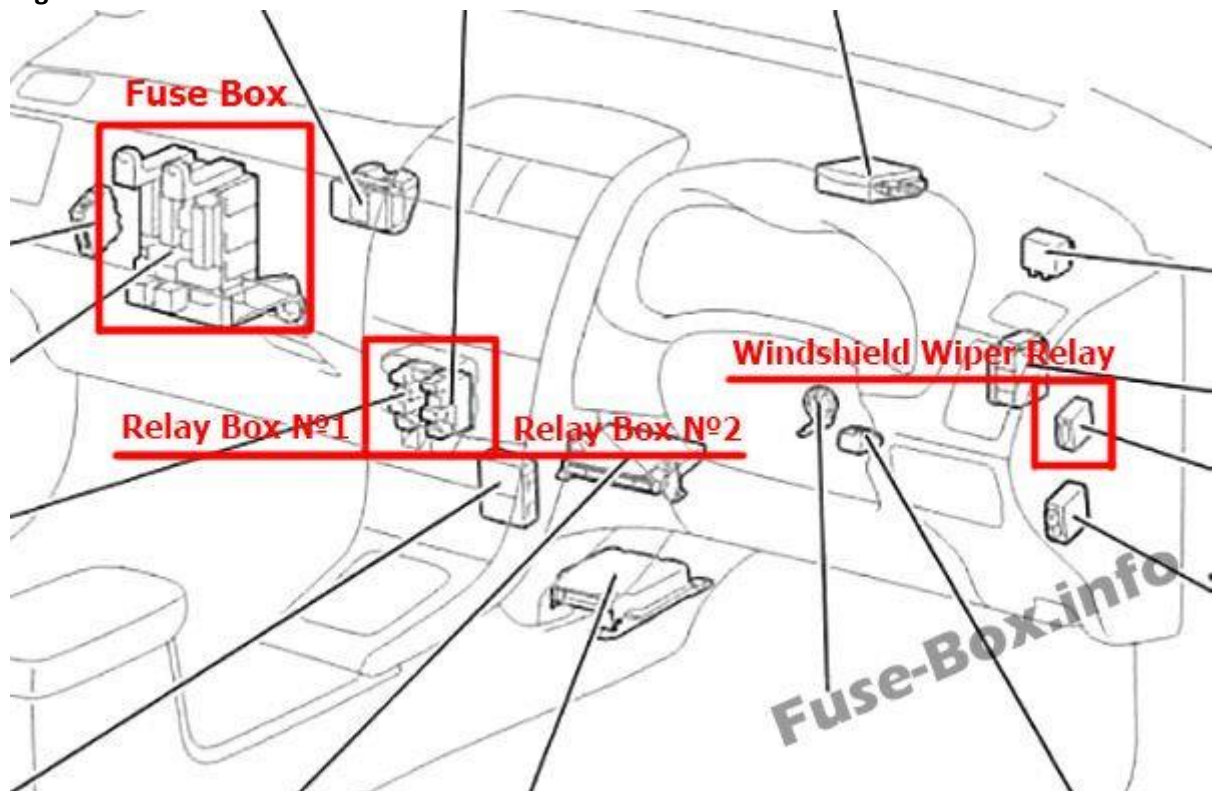
Fuse box location

*The fuse box is located on the left under the instrument panel, under the lid.
The relay boxes are located in the center console.*

Left-hand drive vehicles



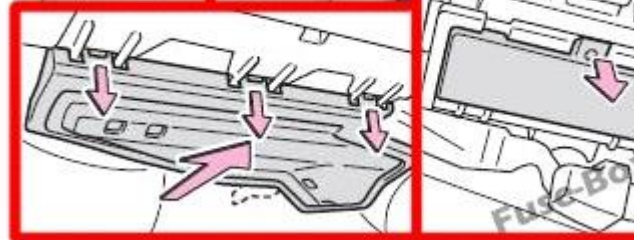
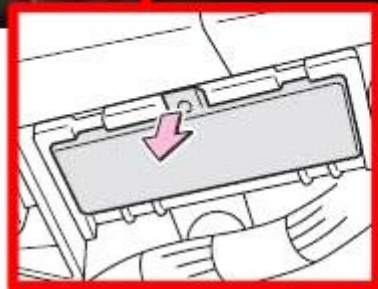
Right-hand drive vehicles



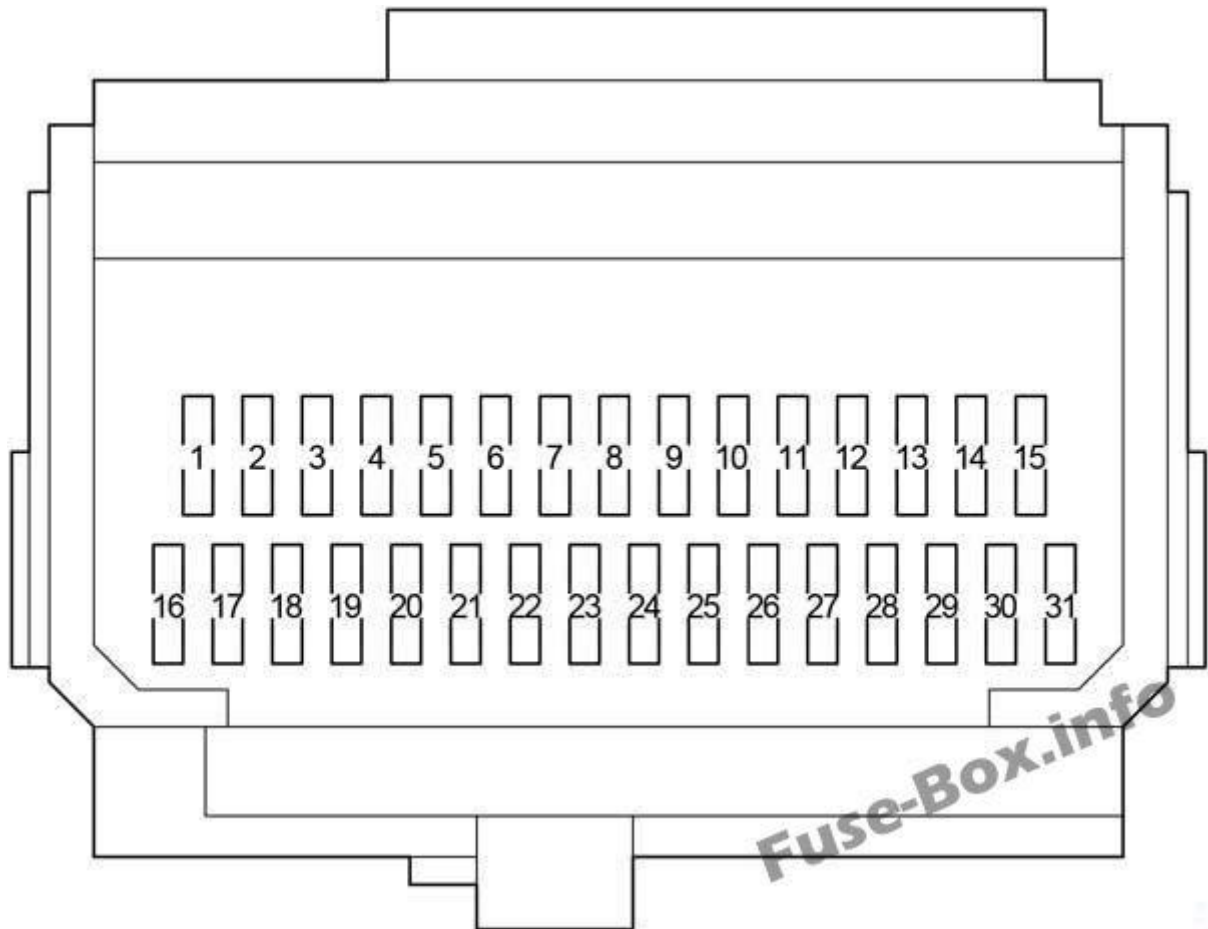
The fuse box is located under the dashboard on the left side.

Left-hand drive vehicles: Remove the lid.

Right-hand drive vehicles: Remove the cover and then remove the lid.



Fuse box diagram (Type 1)



Assignment of the fuses in the passenger compartment

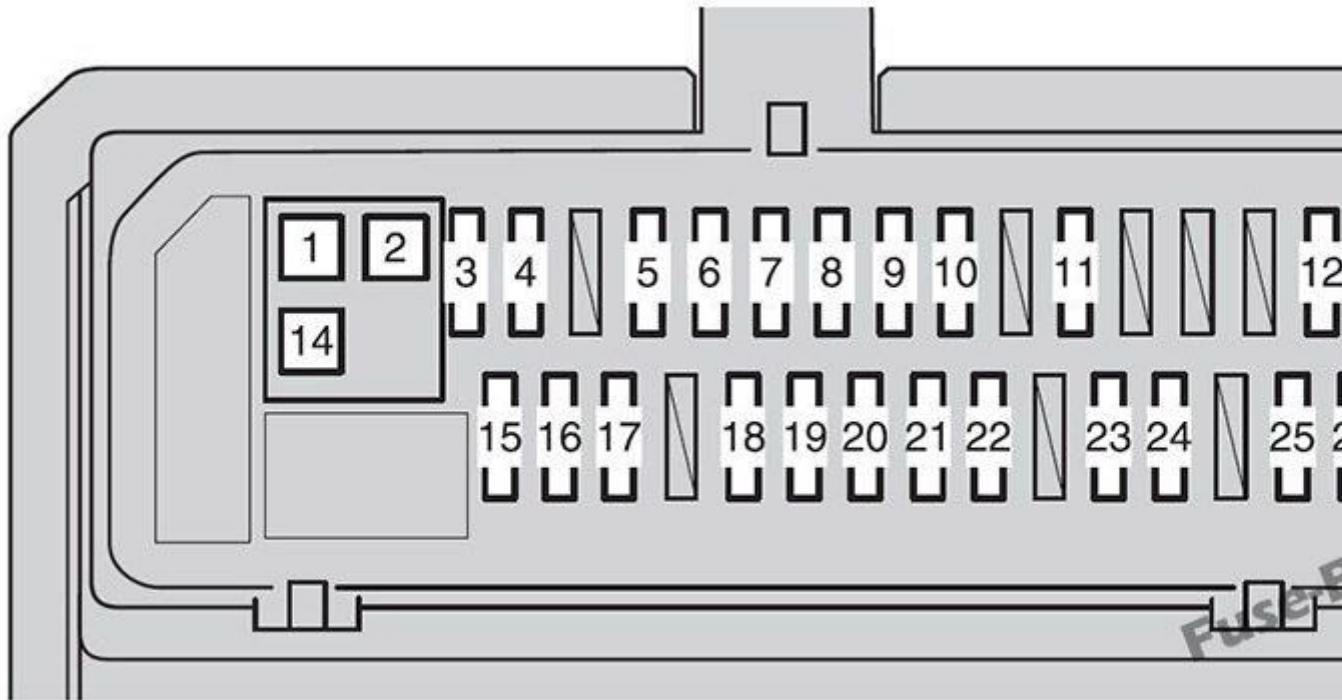
№	Name	Amp	Circuit
1	AM1	7.5	Starting system, multiport fuel injection system/sequential multiport fuel injection system, "CIG", "ACC" fuses
2	FR FOG	15	Front fog lights
3	-	-	-
4	ACC-B	25	"CIG", "ACC" fuses
5	DOOR	25	Power door lock system
6	-	-	-
7	STOP	10	Stop lights, high mounted stoplight, anti-lock brake system, vehicle stability control system, main body ECU, multiport fuel injection system/sequential multiport fuel injection system, multi-mode manual transmission
8	OBD	7.5	On-board diagnosis system
9	ECU-IG NO.2	10	Back-up lights, charging system, auto anti-glare inside rear view mirror, rear view monitor system, electric moon roof, rear window defogger, air conditioning system, turn signal lights, emergency flashers, front passenger's seat belt reminder light, Stop & Start system, Toyota parking assist-sensor
10	ECU-IG NO.1	10	without Stop & Start System: Automatic headlight leveling system, main body ECU, electric power steering, electric cooling fan(s), shift lock control system, rain sensor, anti-lock brake system, vehicle stability control system, audio system, navigation system, multiport fuel injection system/sequential multiport fuel injection system, headlight cleaner, smart entry & start system
11	WASHER	15	Windshield washer
12	-	-	-
13	WIPER	25	Windshield wipers, rain sensor

No	Name	Amp	Circuit
14	HTR-IG	10	Air conditioning system, rear window defogger, power heater
15	SEAT HTR	15	Seat heaters
16	METER	7.5	Gauge and meters, Stop & Start system
17	IGN	7.5	Steering lock system, SRS airbag system, multi-mode manual transmission, multiport fuel injection system/sequential multiport fuel injection system, smart entry & start system, Stop & Start system
18	RR FOG	7.5	Rear fog light
19	-	-	-
20	-	-	-
21	MIR HTR	10	Outside rear view mirror defoggers, multiport fuel injection system/sequential multiport fuel injection system
22	-	-	-
23	ACC	7.5	Outside rear view mirrors, audio system, navigation system, shift lock control system, main body ECU, smart entry & start system, Stop & Start system
24	CIG	15	Cigarette Lighter
25	SUNROOF	20	Electric moon roof
26	RR DOOR	20	Power windows
27	RL DOOR	20	Power windows
28	FR DOOR	20	Power windows
29	ECU-IG NO.1	10	with Stop & Start System: Automatic headlight leveling system, main body ECU, electric power steering, electric cooling fan(s), shift lock control system, rain sensor, anti-lock brake system, vehicle stability control system, audio system, navigation system,

No	Name	Amp	Circuit
			multiport fuel injection system/sequential multiport fuel injection system, headlight cleaner, smart entry & start system, Stop & Start system
30	PANEL	7.5	Switch illumination, instrument cluster lights, glove box light, steering switches, main body ECU
31	TAIL	10	Front position lights, tail lights, license plate lights, rear fog light, front fog lights, manual headlight leveling dial, multiport fuel injection system/sequential multiport fuel injection system, instrument cluster lights

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Fuse box diagram (Type 2)



Assignment of the fuses in the Passenger Compartment (Type 2)

No	Name	Ampere rating	Description
1	DEF	40	Rear window defogger, MIR HTR
2	PWR SEAT	30	Power seat

№	Name	Ampere rating	Description
3	TAIL	10	Parking lights, tail lights, license plate lights, front side marker lights, multiport fuel injection system/sequential multiport fuel injection system, instrument cluster lights
4	PANEL	7,5	Switch illumination
5	FR DOOR	20	Power windows, moon roof
6	RL DOOR	20	Power windows
7	RR DOOR	20	Power windows
8	SUNROOF	20	Moon roof
9	CIG	15	Cigarette lighter
10	ACC	7,5	Outside rear view mirrors, audio system, main body ECU
11	MIR HTR	10	Outside rear view mirror defogger
12	IGN	7,5	Steering lock system, SRS airbag system, multiport fuel injection system/sequential multiport fuel injection system, front passenger occupant classification system
13	METER	7,5	Gauge and meters
14	POWER	30	Power windows
15	SEAT HTR	15	Seat heater
16	HTR-IG	10	Air conditioning system
17	WIPER	25	Windshield wipers
18	WASHER	15	Windshield washer
19	ECU-IG NO. 1	10	Automatic transmission, main body ECU, electric power steering, electric cooling fan(s), shift lock control system,

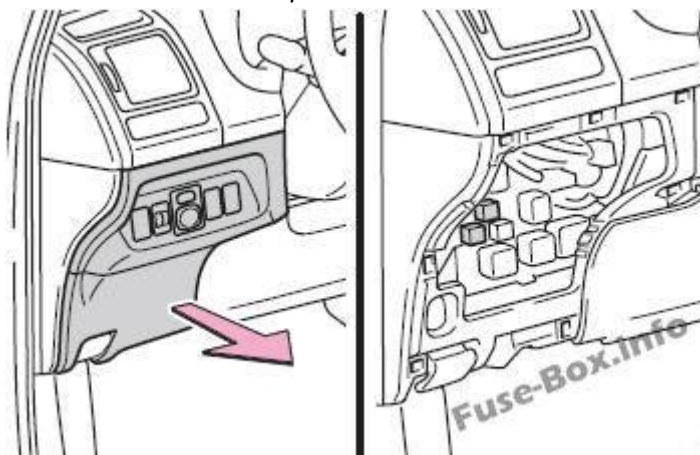
No	Name	Ampere rating	Description
			anti-lock brake system, audio system, tire pressure warning system, vehicle stability control system, cruise control system
20	ECU-IG NO. 2	10	Back-up lights, charging system, rear window defogger, air conditioning system, multiport fuel injection system/sequential multiport fuel injection system, moon roof
21	OBD	7,5	On-board diagnosis system
22	STOP	10	Stop lights, high mounted stoplight anti-lock brake system, main body ECU, multiport fuel injection system/sequential multiport fuel injection system, shift lock control system, vehicle stability control system
23	DOOR	25	Power door lock system
24	ACC-B	25	CIG, ACC
25	FR FOG	15	Front fog lights
26	AM1	7,5	Starting system, ACC, CIG

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Front side

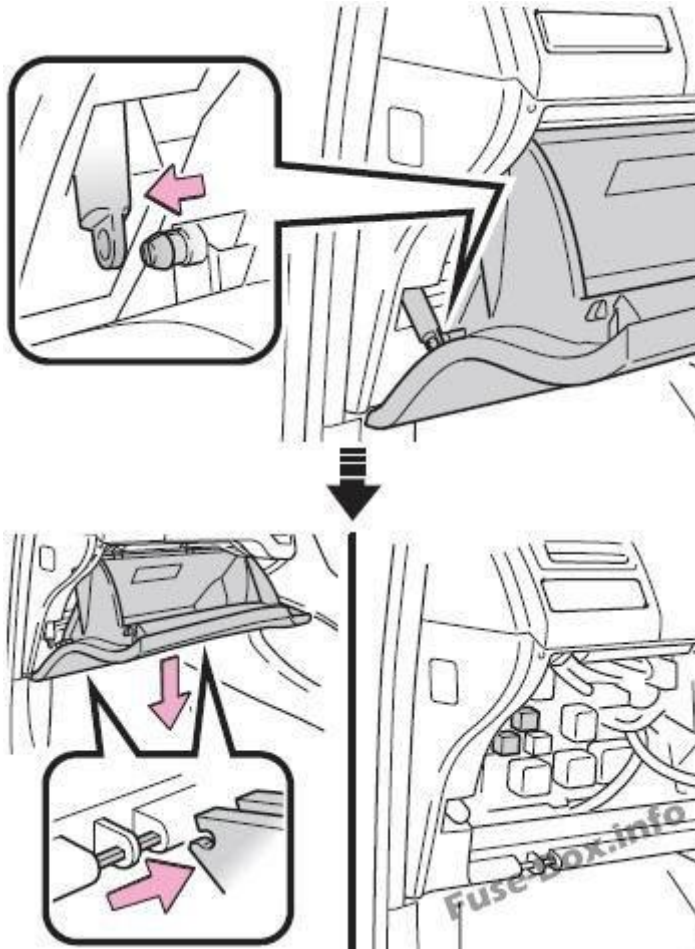
Left-hand drive vehicles

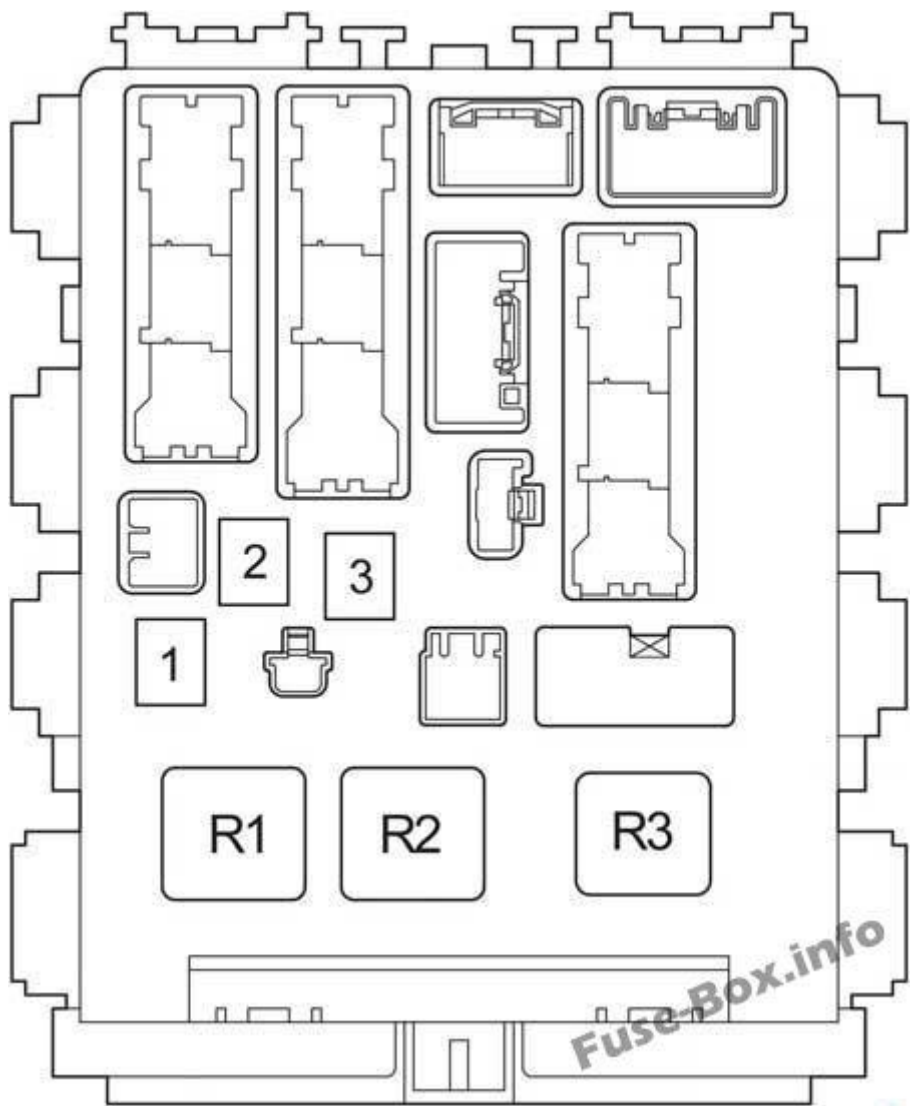
Remove the instrument panel



Right-hand drive vehicles

Open the glove box and slide it off the damper, lifting it to disconnect the claws at the bottom

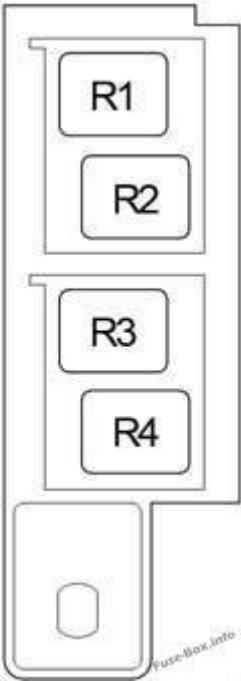




No	Name	Amp	Circuit
1	POWER	30	Front Left Power Window
2	DEF	30	Rear Window Defogger, "MIR HTR" fuse
3	-	-	-
Relay			
R1			Ignition (IG1)
R2			Short Pin (Automatic A/C) Heater (HTR (Except Automatic A/C))

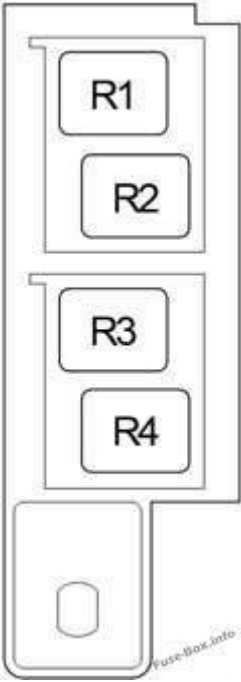
№	Name	Amp	Circuit
R3			LHD: Turn Signal Flasher

Relay Box №1



№	Relay
R1	Starter (ST)
R2	Rear Fog Light (RR FOG)
R3	Accessory (ACC)
R4	(ACC CUT)

Relay Box №2



Nº	Relay
R1	Front Fog Light (FR FOG)
R2	Starter (ST CUT)
R3	Panel (PANEL)
R4	-

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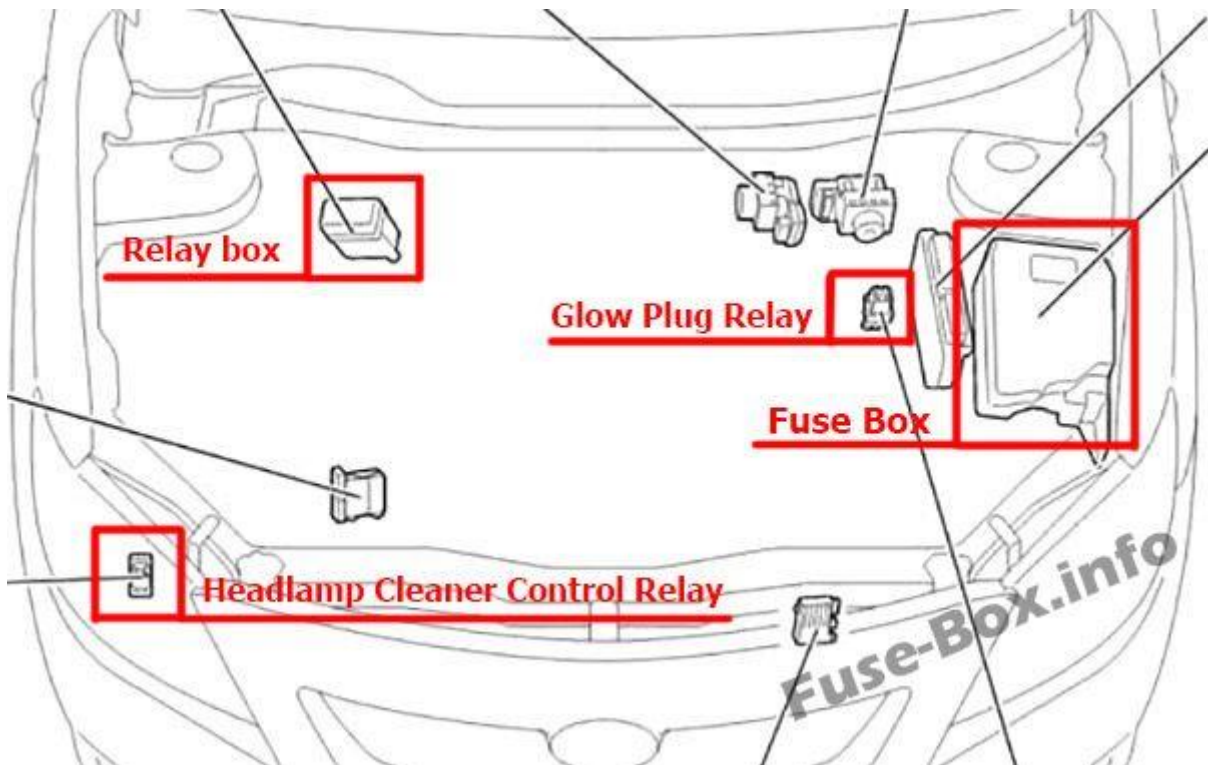
Fuse Box in the Engine Compartment

Fuse box location

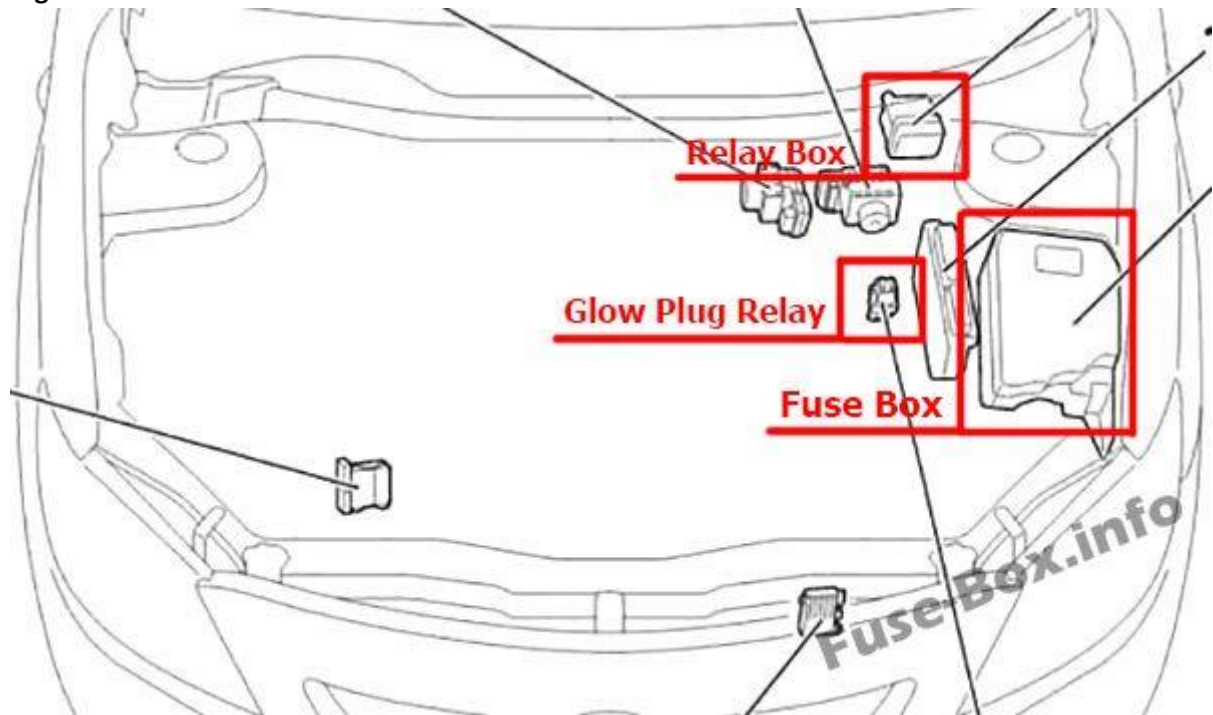
The fuse box is located in the engine compartment (left-side).



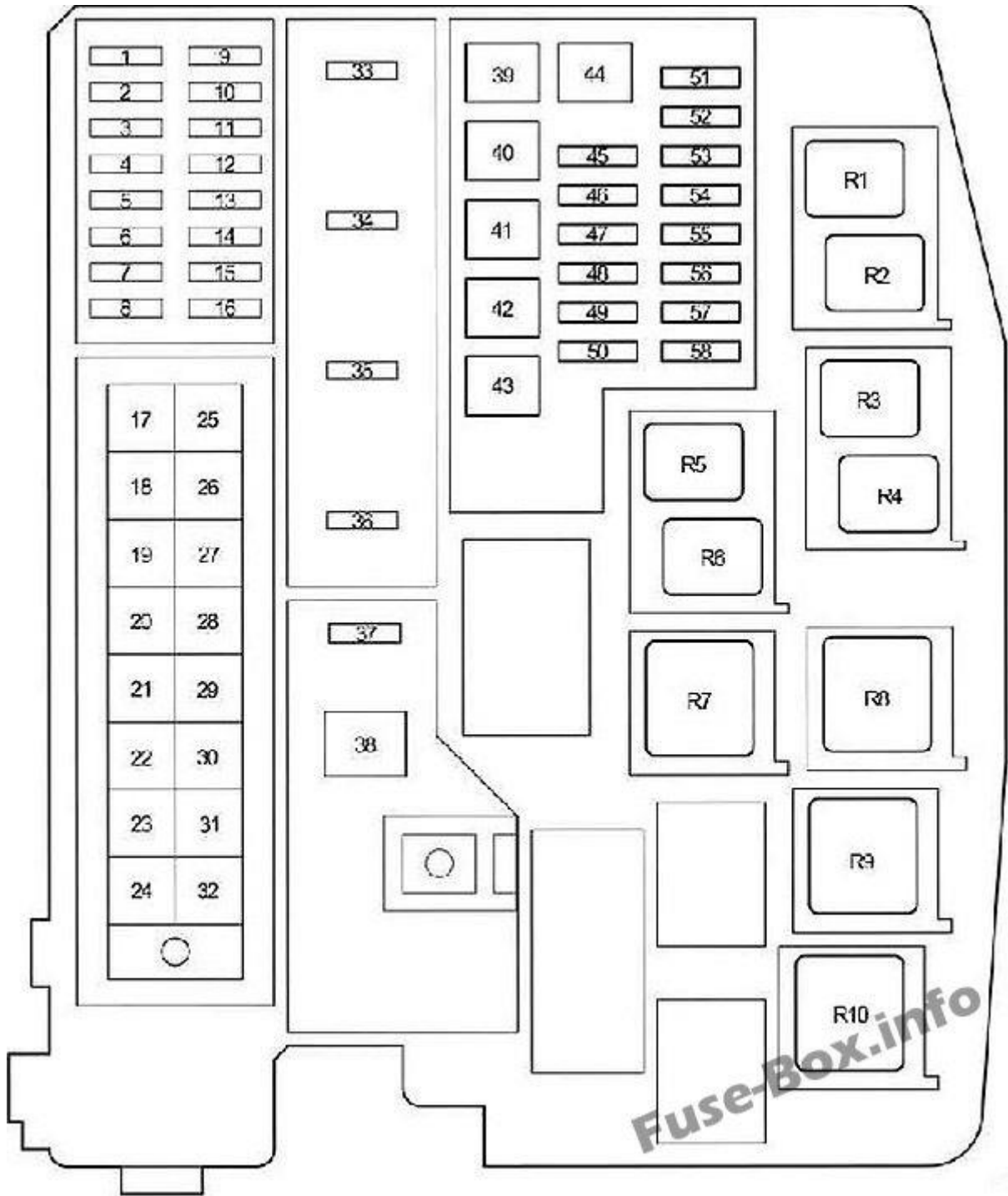
Left-hand drive vehicles



Right-hand drive vehicles



Fuse box diagram (Type 1)



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Assignment of the fuses in the Engine Compartment

Nº	Name	Amp	Circuit
1	DOME	10	Interior lights, luggage compartment light, vanity lights, smart entry & start system, wireless remote control, engine switch light

№	Name	Amp	Circuit
2	RAD NO.1	15	Audio system, navigation system
3	ECU-B	10	Main body ECU, power windows, gauge and meters, power door lock system, vehicle stability control system, Stop & Start system, charging system
4	D.C.C	-	-
5	ECU-B2	10	Multi-mode manual transmission, air conditioning system, smart entry & start system, charging system, power windows
6	-	-	-
7	ECU-B3	7.5	Multiport fuel injection system/sequential multiport fuel injection system
8	-	-	-
9	IGT/INJ	15	Gasoline: Multiport fuel injection system/ sequential multiport fuel injection system, starting system
10	STRG LOCK	20	Steering lock system
11	A/F	20	Exhaust system
12	AM 2	30	Starting system, smart entry & start system, "IG2 NO. 2" fuse
13	ETCS	10	Electronic throttle control system
14	TURN- HAZ	10	Turn signal lights
15	ALT-S	7.5	Charging system
16	AM2 NO.2	7.5	Main body ECU, Stop & Start system

No	Name	Amp	Circuit
17	HTR	50	Air conditioning system
18	ABS NO.1	50	Anti-lock brake system, vehicle stability control system
19	CDS FAN	30	1AD-FTV, 2AD-FHV: Electric cooling fan
19	ABS NO.3	30	Gasoline (TMC Made): Anti-lock brake system, vehicle stability control system
20	RDI FAN	40	Electric cooling fan
21	H-LP CLN	30	Headlight cleaner
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	H-LP MAIN	50	"H-LP LH LO", "H-LP RH LO", "H-LP LH HI", "H-LP RH HI" fuses
27	P/I	50	"EH MAIN", "EDU", "HORN", "IG2" fuses
28	-	-	-
29	P- SYSTEM	30	Multiport fuel injection system/sequential multiport fuel injection system
30	GLOW	80	Engine glow system
31	EPS	60	Electric power steering
32	ALT	120	Gasoline: Charging system, "RDI FAN", "H-LP CLN", "ABS NO. 1", "ABS NO. 3", "HTR", "HTR SUB NO. 1", "HTR SUB NO. 2", "HTR

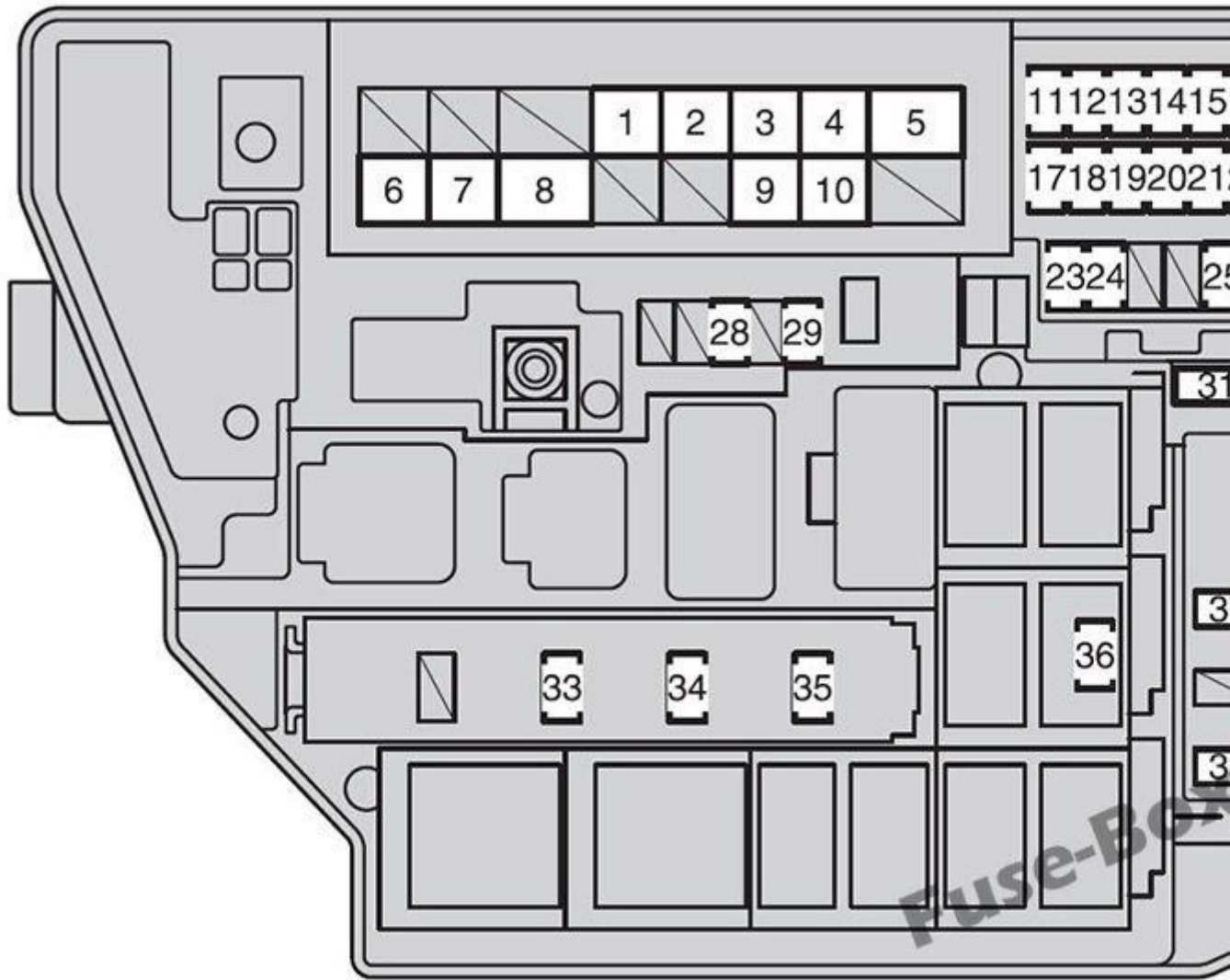
No	Name	Amp	Circuit
			SUB NO. 3", "ACC", "CIG", "ECU-IG NO. 2", "HTR-IG", "WIPER", "RR WIPER", "WASHER", "ECU-IG NO. 1", "SEAT HTR", "AMI", "DOOR", "STOP", "FR DOOR", "POWER", "RR DOOR", "RL DOOR", "OBD", "ACC-B", "RR FOG", "FR FOG", "SUNROOF", "DEF", "MIR HTR", "TAIL", "PANEL" fuses
32	ALT	140	Diesel: Charging system, "RDI FAN", "CDS FAN", "H-LP CLN", "ABS NO. 1", "ABS NO. 2", "HTR", "HTR SUB NO. 1", "HTR SUB NO. 2", "HTR SUB NO. 3", "STV HTR", "ACC", "CIG", "ECU-IG NO. 2", "HTR-IG", "WIPER", "RR WIPER", "WASHER", "ECU-IG NO. 1", "SEAT HTR", "AMI", "DOOR", "STOP", "FR DOOR", "POWER", "RR DOOR", "RL DOOR", "OBD", "ACC-B", "RR FOG", "FR FOG", "SUNROOF", "DEF", "MIR HTR", "TAIL", "PANEL" fuses
33	IG2	15	Multiport fuel injection system/sequential multiport fuel injection system, starting system, smart entry & start system, "IGN", "METER" fuses
34	HORN	15	Horn
35	EFI MAIN	20	Gasoline: Multiport fuel injection system/sequential multiport fuel injection system, Stop & Start system, "EFI NO. 1", "EFI NO. 2" fuses
35	EFI MAIN	30	Diesel: Multiport fuel injection system/sequential multiport fuel injection system, Stop & Start system, "EFI NO. 1", "EFI NO. 2" fuses
36	EFI MAIN	30	
36	EDU	20	Multiport fuel injection system/sequential multiport fuel injection system
37	-	-	-
38	BBC	40	Stop & Start system
38	AMT	50	Multi-mode manual transmission

No	Name	Amp	Circuit
39	HTR SUB NO.3	30	Power heater
40	-	-	-
41	HTR SUB NO.2	30	Power heater
42	-	-	
43	HTR SUB NO.1	30	without PTC 600W: Power heater
43	HTR SUB NO.1	50	with PTC 600W: Power heater
44	-	-	-
45	STV HTR	25	Power heater
46	ABS NO.2	30	Anti-lock brake system, vehicle stability control system
47	-	-	-
48	-	-	-
49	-	-	-
50	-	-	-
51	H-LP LH LO	10	Except HID: Left-hand headlight (low beam)
51	H-LP LH LO	15	HID: Left-hand headlight (low beam)
52	H-LP RH LO	10	Except HID: Right-hand headlight (low beam)

No	Name	Amp	Circuit
52	H-LP RH LO	15	HID: Right-hand headlight (low beam)
53	H-LP LH HI	10	Left-hand headlight (high beam)
54	H-LP RH HI	10	Right-hand headlight (high beam)
55	EFI NO.1	10	Multiport fuel injection system/sequential multiport fuel injection system
56	EFI NO.2	10	Multiport fuel injection system/sequential multiport fuel injection system
57	IG2 NO.2	7.5	Starting system, smart entry & start system
58	WIP-S	7.5	Charging system
Relay			-
R1			Electric Cooling Fan (FAN No.3)
R2			Air fuel ratio sensor (A/F)
R3			(IGT/INJ)
R4			Electric Cooling Fan (FAN NO.2)
R5			Electric Cooling Fan (FAN NO.1)
R6			Except 1NR-FE: Dimmer
R7			1NR-FE: Dimmer
R8			Multi-mode manual transmission (AMT)

Nº	Name	Amp	Circuit
R9			Headlight (H-LP)
R10			

Fuse box diagram (Type 2)



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Assignment of the fuses in the Engine Compartment (Type 2)

Nº	Name	Ampere rating	Description
1	CDS FAN	30	Electric cooling fan(s)

No	Name	Ampere rating	Description
2	RDI FAN	40	Electric cooling fan(s)
3	ABS NO. 3	30	Anti-lock brake system, vehicle stability control system
4	ABS NO. 1	50	Anti-lock brake system, vehicle stability control system
5	HTR	50	Air conditioning system
6	ALT	120	Charging system, RDI FAN, CDS FAN, ABS NO. 1, ABS NO. 3, HTR, HTR SUB NO. 1, HTR SUB NO. 3, ACC, CIG, METER, IGN, ECU-IG NO. 2, HTR-IG, WIPER, WASHER, ECU-IG NO. 1, AM1, DOOR, STOP, FR DOOR, POWER, RR DOOR, RL DOOR, OBD, ACC-B, FR FOG, DEF, MIR HTR, TAIL, PANEL
7	EPS	60	Electric power steering
8	GLOW	80	No circuit
9	P/I	50	EFI MAIN, HORN, IG2
10	H-LP MAIN	50	H-LP LH LO, H-LP RH LO, H-LP LH HI, H-LP RH HI
11	EFI NO. 2	10	Emission control system
12	EFI NO. 1	10	Multiport fuel injection system/sequential multiport fuel injection system
13	H-LP RH HI	10	Right-hand headlight (high beam)
14	H-LP LH HI	10	Left-hand headlight (high beam)
15	H-LP RH LO	10	Right-hand headlight (low beam)
16	H-LP LH LO	10	Left-hand headlight (low beam)
17	ETCS	10	Electronic throttle control system

No	Name	Ampere rating	Description
18	TURN-HAZ	10	Turn signal lights, emergency flashers
19	ALT-S	7,5	Charging system
20	AM2 NO. 2	7,5	Multiport fuel injection system/sequential multiport fuel injection system, starting system
21	AM2	30	Starting system
22	STRG LOCK	20	Steering lock system
23	IG2 NO.2	7,5	Starting system
24	ECU-B2	10	Air conditioning system
25	ECU-B	10	Main body ECU, gauge and meters
26	RAD NO. 1	15	Audio system
27	DOME	10	Trunk light, smart key system
28	AMP	30	Audio system
29	MAYDAY	10	No circuit
30	SPARE	10	Spare fuse
31	SPARE	30	Spare fuse
32	SPARE	20	Spare fuse
33	EFI MAIN	20	Multiport fuel injection system/sequential multiport fuel injection system, EFI NO. 1, EFI NO. 2
34	HORN	10	Horn
35	IG2	15	Multiport fuel injection system/sequential multiport fuel injection system, starting system, IGN, METER

Nº	Name	Ampere rating	Description
36	ST	7,5	No circuit
37	HTR SUB NO. 1	30	PTC heater
38	HTR SUB NO. 3	30	PTC heater
39	PWR OUTLET/ INVERTER or PWR OUTLET	15	Power outlet

Relay Box

Nº	Relay
R1	-
R2	HTR SUB NO.1
R3	HTR SUB NO.3
R4	HTR SUB NO.2