

Toyota Avensis (T27/T270; 2009-2018) fuses and relays

*In this article, we consider the third-generation Toyota Avensis (T27/T270), produced from 2009 to 2018. Here you will find fuse box diagrams of **Toyota Avensis 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017 and 2018**, 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 Avensis:

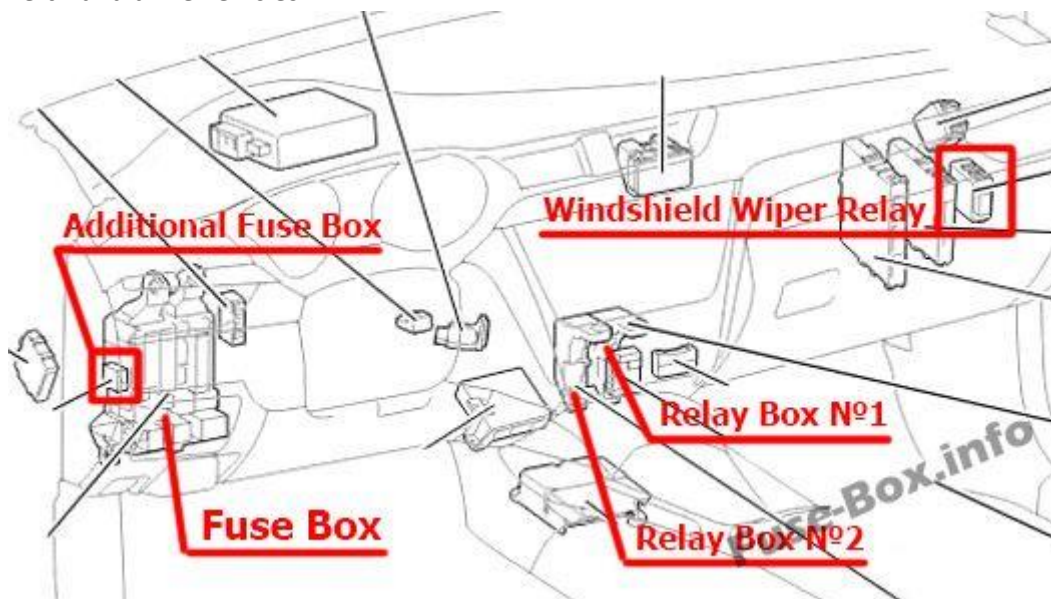
Fuse Layout Toyota Avensis 2009-2018



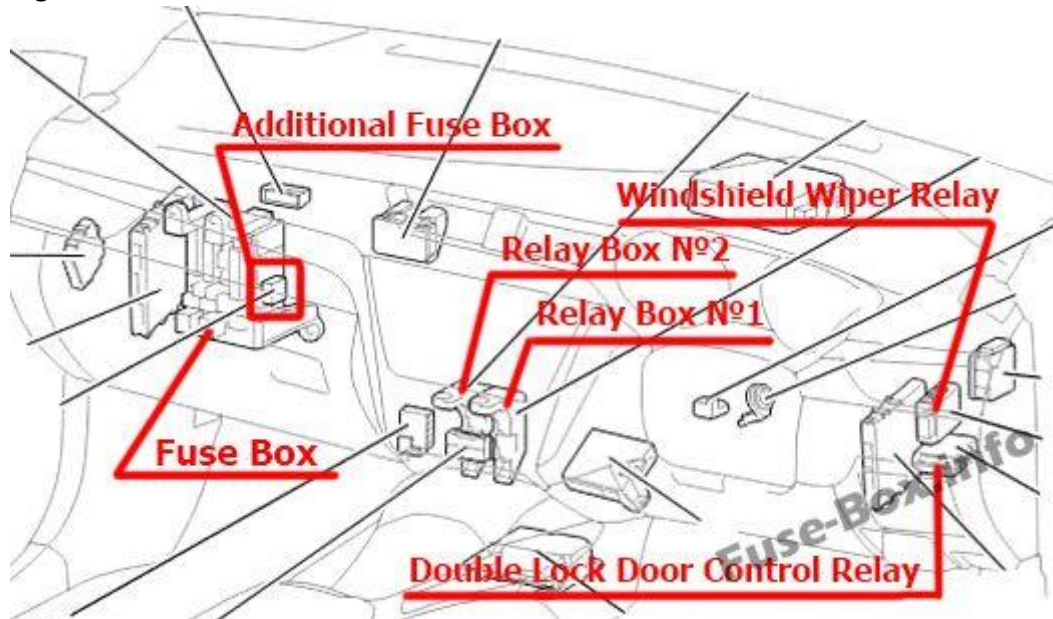
Cigar lighter (power outlet) fuses in the Toyota Avensis are the fuses #4 "ACC-B" ("CIG", "ACC" fuses), #23 "ACC" (power outlet) and #24 "CIG" (Cigarette lighter) in the Instrument panel fuse box.

Passenger compartment overview

Left-hand drive vehicles



Right-hand drive vehicles

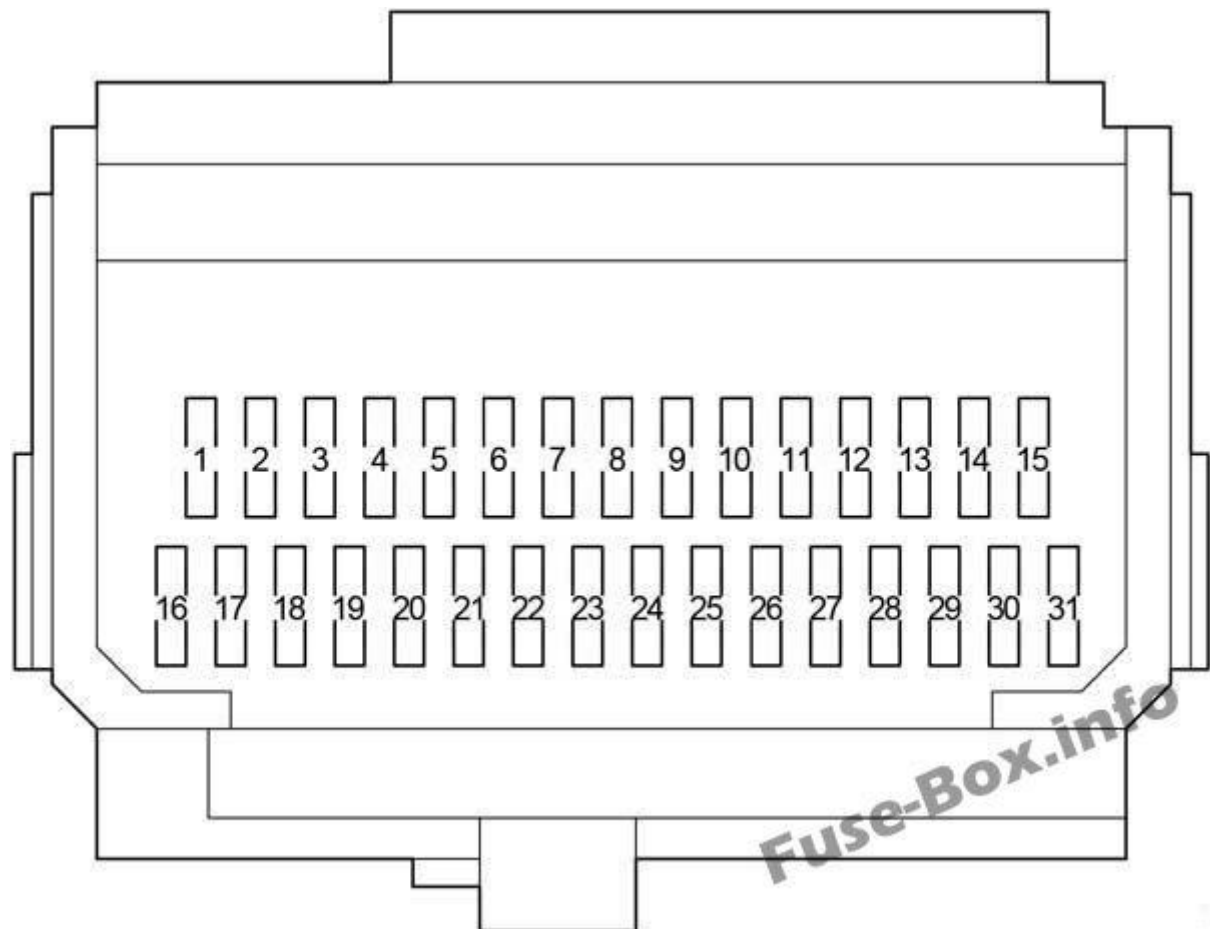


Passenger Compartment Fuse Box

Fuse box location

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

Fuse box diagram



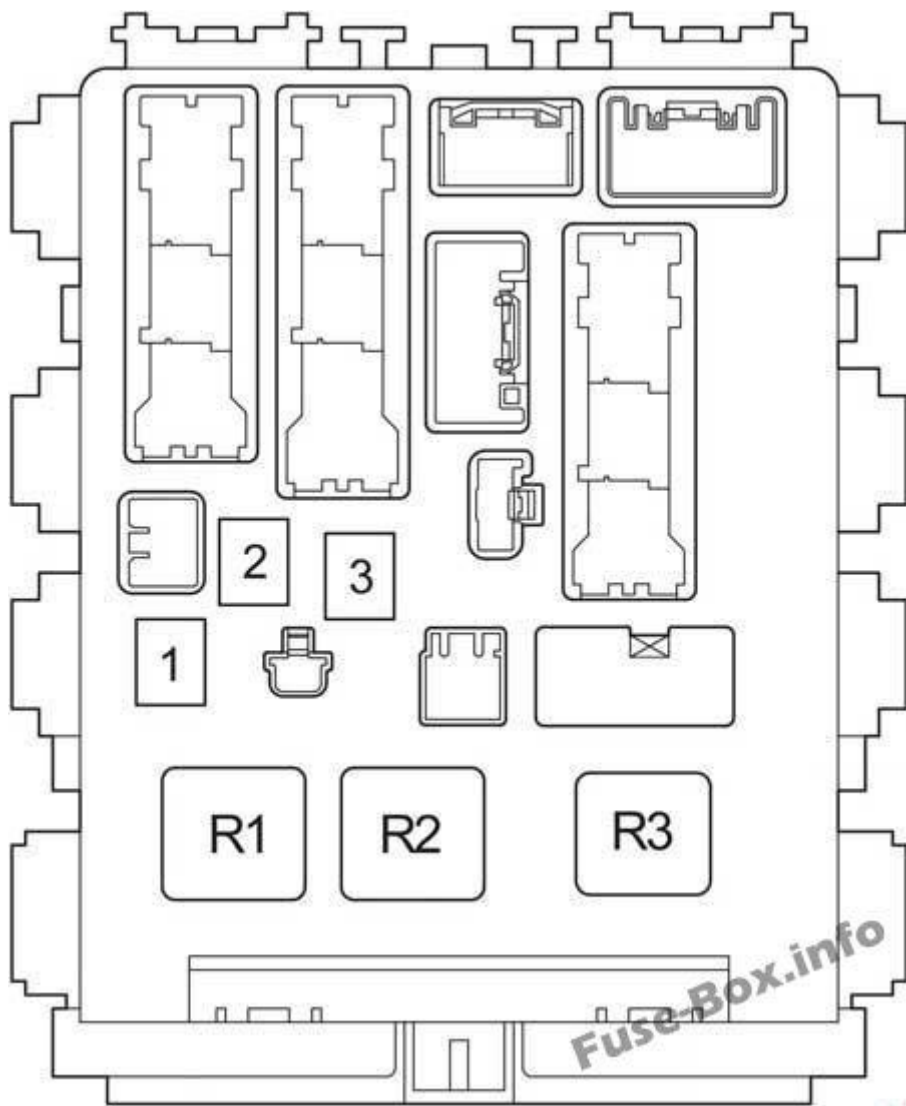
Assignment of the fuses in the Passenger Compartment

No	Name	Amp	Circuit
1	AM1	7.5	Starting system, "ACC", "CIG", "ECU-IG NO.2", "HTR-IG", "WIPER", "RR WIPER", "WASHER", "ECU-IG NO.1", "ECU-IG NO.3", "SEAT HTR" fuses
2	FR FOG	15	Before Feb. 2013, from May 2015: Front fog lights
2	FR FOG	7.5	Feb. 2013 - May 2015: Front fog lights
3	DRL	7.5	Daytime running light system
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, VSC, multiport fuel injection system/sequential multiport fuel injection system, automatic transmission, shift lock system, starting system
8	OBD	7.5	On-board diagnosis system
9	ECU-IG NO.2	10	Back-up lights, charging system, emergency flashers, rear window defogger, "PASSENGER AIRBAG" indicator, air conditioning system, AFS, rear view monitor, Toyota parking assist sensor
10	ECU-IG NO.1	10	Main body ECU, smart entry & start system, electric cooling fan(s), shift lock system, panoramic roof shade, auto anti-glare inside rear view mirror, anti-lock brake system, steering sensor, yaw rate & G sensor, VSC, headlight cleaner, precrash safety system, LKA, driver support system
11	WASHER	15	Windshield washers, rear window washer
12	RR WIPER	15	Rear window wiper

No	Name	Amp	Circuit
13	WIPER	30	Windshield wipers, rain sensing windshield wipers
14	HTR-IG	10	Air conditioning system
15	SEAT HTR	15	Before May 2015: Seat heaters
15	SEAT HTR	20	From May 2015: Seat heaters
16	METER	7.5	Gauges and meters
17	IGN	7.5	Steering lock system, SRS airbag system, multiport fuel injection system/sequential multiport fuel injection system, automatic transmission, starting system
18	RR FOG	7.5	Rear fog light
19	-	-	-
20	TI&TE	30	Tilt St. telescopic steering
21	MIR HTR	10	Outside rear view mirror defoggers
22	-	-	-
23	ACC	7.5	Outside rear view mirrors, shift lock system, audio system, main body ECU, power outlet
24	CIG	15	Cigarette lighter
25	SHADE	20	Panoramic roof shade
26	RR DOOR	20	Power windows (rear right)
27	RL DOOR	20	Power windows (rear left)
28	P FR DOOR	20	Power windows (passenger side)

No	Name	Amp	Circuit
29	ECU-IG NO.3	10	Toyota parking assist-sensor, AFS, windshield wiper de-icer, electric parking brake, pre-crash seat belt, paddle shift switch, tilt & telescopic steering, electric power steering
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, instrument panel lights, air conditioning system switch, audio system, multidrive or automatic transmission shift lever illumination, glove box light, airbag manual on-off system, emergency flashers, cigarette lighter, "AFS OFF" switch, speed limiter switch, electric parking brake switch, steering switch, VSC OFF switch, Toyota parking assist-sensor switch, "LKA" switch, seat heater switch, "SPORT" switch, outside rear view mirror switches, fuel filler door opener switch

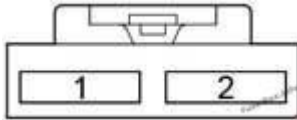
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No	Name	Amp	Circuit
1	POWER	30	Power windows (driver side)
2	DEF	40	Rear window defogger, "MIR HTR" fuse
3	PWR SEAT RH	30	Power seat, lumber support
Relay			
R1			Ignition (IG1)
R2			-

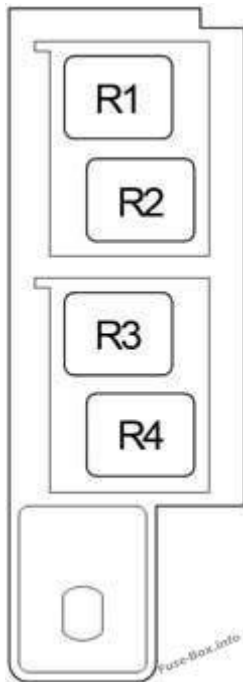
№	Name	Amp	Circuit
R3			LHD (before May 2015): Turn signal flasher

Additional Fuse Box



№	Name	Amp	Circuit
1	WIPER NO.2	7.5	Charging system, driver support system ECU
2	-	-	-

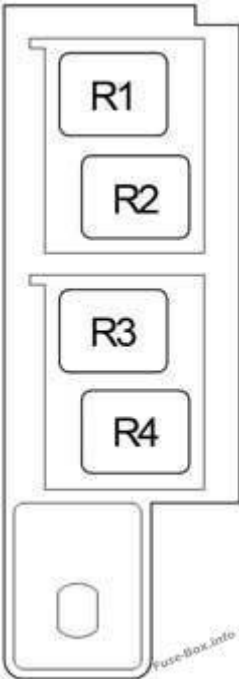
Relay Box №1



№	Relay
R1	Before Jun. 2010: Front fog light (FR FOG) From Oct. 2016: Interior lights (DOME CUT)
R2	-
R3	Before Nov. 2011: Panel From Nov. 2011: Daytime running light system (DRL)

№	Relay
R4	Power outlet (ACC SOCKET)

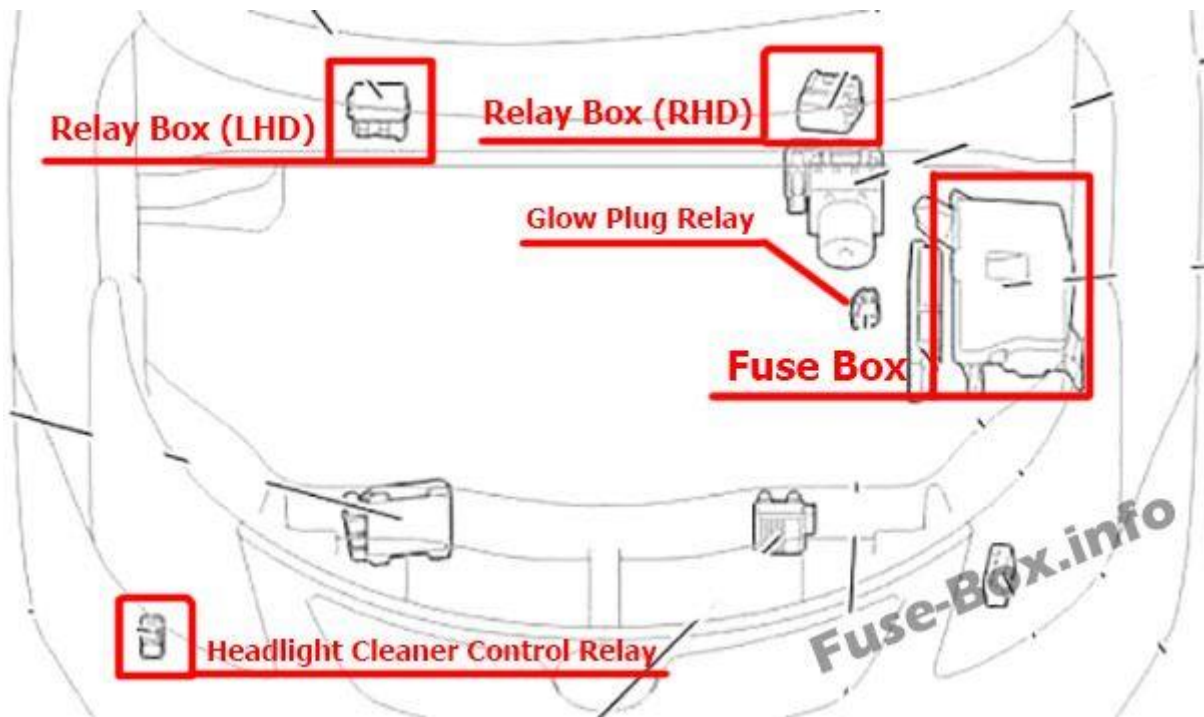
Relay Box №2



№	Relay
R1	Starter (ST)
R2	Rear fog light (RR FOG)
R3	Accessory (ACC)
R4	Jun. 2010 - May 2015: Front fog light (FR FOG) From Oct. 2016: Windshield wiper de-icer(FR DEICER)

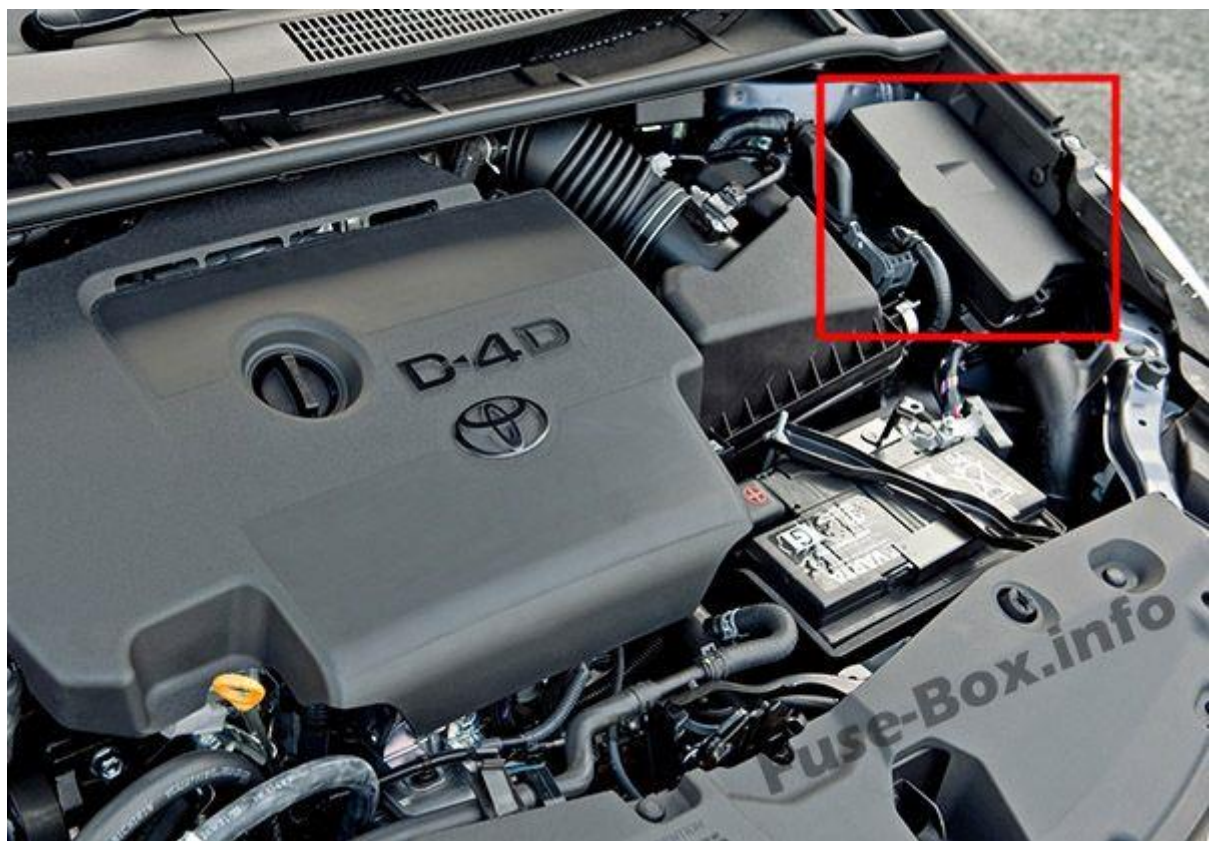
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Engine compartment overview

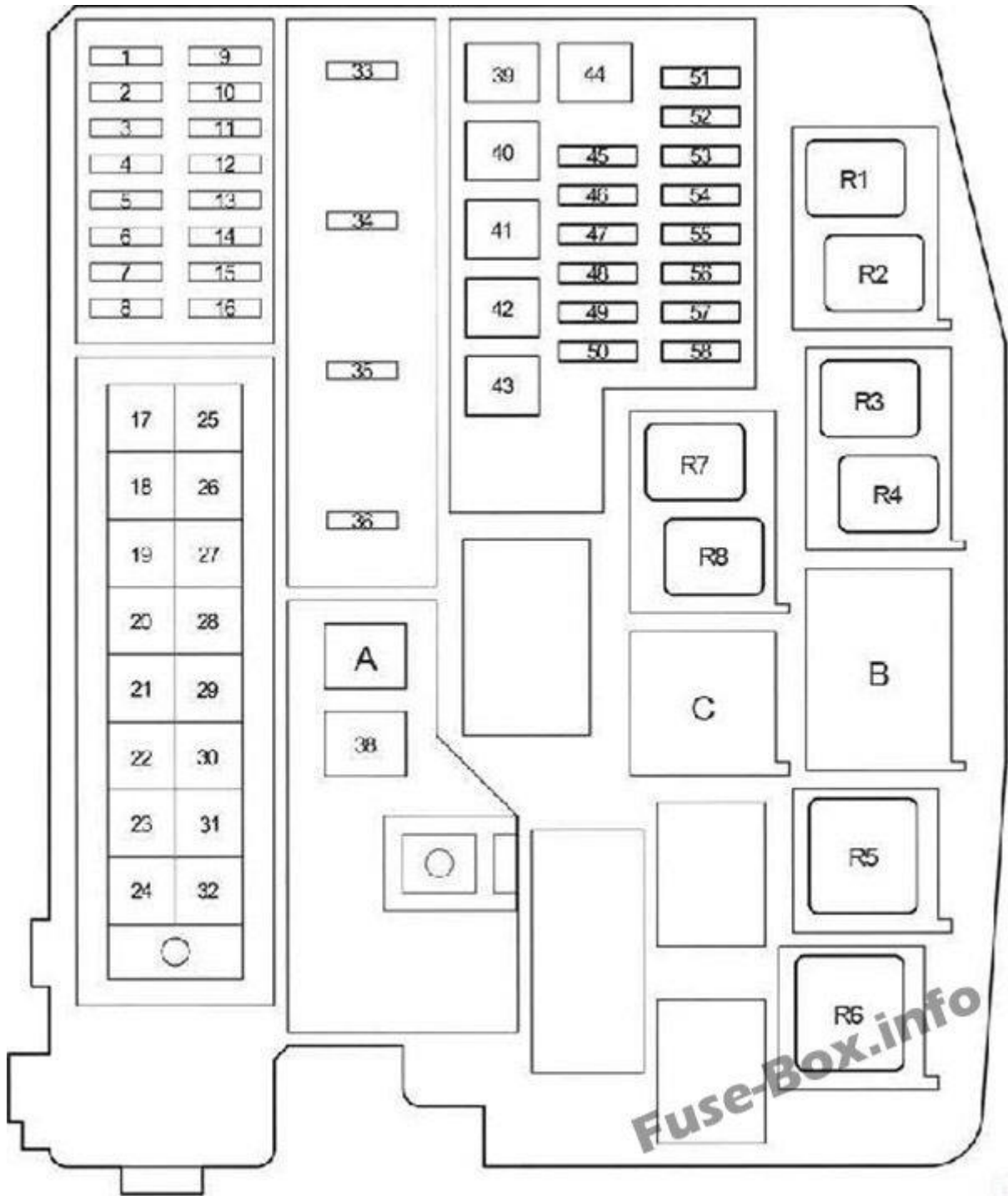


Engine Compartment Fuse Box

Fuse box location



Fuse box diagram



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Assignment of the fuses and relay in the Engine Compartment

Nº	Name	Amp	Circuit
1	DOME	10	Trunk/luggage compartment light, vanity lights, front door courtesy lights, personal/interior lights, personal lights, foot lights

No	Name	Amp	Circuit
2	RAD NO.1	20	Feb. 2014 - May 2015: Audio system From May 2015: Audio system
2	RAD NO.1	15	Before Feb. 2014: Audio system
3	ECU-B	10	Gauges and meters, main body ECU, steering sensor, wireless remote control, smart entry & start system, tilt and telescopic steering
4	D.C.C	-	-
5	ECU-B2	10	Smart entry & start system, air conditioning system, power windows, power seat
6	EFI MAIN NO.2	7.5	Multiport fuel injection system/sequential multiport fuel injection system
7	DOOR NO.2	25	Before May 2015: Power door lock system
7	BODY ECU	7.5	From May 2015: Multiplex communication system
8	AMP	30	Audio system
9	-	-	-
10	STRG LOCK	20	Steering lock system
11	A/F	20	Before May 2015: Exhaust system From May 2015: -
12	AM2	30	Starting system
13	-	-	-

No	Name	Amp	Circuit
14	TURN-HAZ	10	Turn signal lights, emergency flashers
15	ALT-S	7.5	Before May 2015: Charging system From May 2015: -
16	AM2 NO.2	7.5	Starting system
17	HTR	50	Before May 2015: Air conditioning system From May 2015: -
18	ABS NO.1	50	ABS, VSC
19	CDS FAN	30	Electric cooling fan
20	RDI FAN	40	Electric cooling fan
21	H-LP CLN	30	Headlight cleaner
22	IP/JB	120	From May 2015: "ECU-IG NO.2", "HTR-IG", "WIPER", "RR WIPER", "WASHER", "ECU-IG NO.1", "ECU-IG NO.3", "SEAT HTR", "AM1", "DOOR", "STOP", "FR DOOR", "POWER", "RR DOOR", "RL DOOR", "OBD", "ACC-B", "RR FOG", "FR FOG", "DEF", "TAIL", "SUNROOF", "DRL" fuses
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	"EFI MAIN", "HORN", "IG2", "EDU" fuses

No	Name	Amp	Circuit
28	EFI MAIN	50	Before May 2015: Multiport fuel injection system/sequential multiport fuel injection system, "EFI NO.1", "EFI NO.2" fuses
28	FUEL HTR	50	From May 2015: Fuel Heater
29	P- SYSTEM	30	Before May 2015: VALVEMATIC system
29	EPKB	50	From May 2015: Electric parking brake
30	GLOW	80	Before May 2015: Engine glow system
30	EPS	80	From May 2015: Electric power steering
31	EPS	80	Before May 2015: Electric power steering
31	GLOW	80	From May 2015: Engine glow system
32	ALT	140	Before May 2015: "RDI FAN", "CDS FAN", "H-LP CLN", "PWR SEAT LH", "FUEL OPN", "ABS NO.1", "ABS NO.2", "FR DEICER", "PSB", "HTR", "STV HTR", "PWR OUTLET", "HTR SUB NO.1", "HTR SUB NO.2", "HTR SUB NO.3", "ECU-IG NO.2", "HTR-IG", "WIPER", "RR WIPER", "WASHER", "ECU-IG NO.1", "ECU-IG NO.3", "SEAT HTR", "AM1", "DOOR", "STOP", "P FR DOOR", "POWER", "RR DOOR", "RL DOOR", "OBD", "ACC-B", "RR FOG", "FR FOG", "TI &TE", "SHADE", "PWR SEAT RH", "DEF", "TAIL", "DRL" fuses
32	ALT	120	Before May 2015: "RDI FAN", "CDS FAN", "H-LP CLN", "PWR SEAT LH", "FUEL OPN", "ABS NO.1", "ABS NO.2", "FR DEICER", "PSB", "HTR", "STV HTR", "PWR OUTLET", "HTR SUB NO.1", "HTR SUB NO.2", "HTR SUB NO.3", "ECU-IG NO.2", "HTR-IG", "WIPER", "RR WIPER", "WASHER", "ECU-IG NO.1", "ECU-IG NO.3", "SEAT HTR", "AM1", "DOOR", "STOP", "P FR DOOR", "POWER", "RR DOOR", "RL DOOR", "OBD", "ACC-B", "RR FOG", "FR FOG", "TI &TE", "SHADE", "PWR SEAT RH", "DEF", "TAIL", "DRL" fuses
32	-	-	From May 2015: -

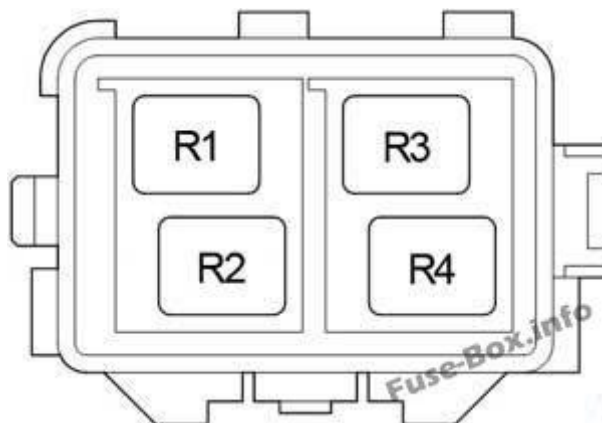
No	Name	Amp	Circuit
33	IG2	15	Before May 2015: "IGN", "METER" fuses
33	FUEL PUMP	30	From May 2015: Fuel pump
34	HORN	15	Horn
35	EFI MAIN	30	Before Nov. 2011: Multiport fuel injection system/sequential multiport fuel injection system, "EFI NO.1", "EFI NO.2" fuses
35	FUEL OPN	10	From Nov. 2011: Fuel filler door opener
36	EDU	20	Before May 2015: Multiport fuel injection system/sequential multiport fuel injection system
36	IGT/INJ	15	Before May 2015: Multiport fuel injection system/sequential multiport fuel injection system
36	IG2	15	From May 2015: "IGN", "METER" fuses
37	-	-	Before May 2015: -
37	EFI MAIN	50	From May 2015: "EFI NO.1", "EFI NO.2", "EFI NO.4" fuses
38	E-PKB	30	Before May 2015: Electric parking brake
38	BBC	40	From May 2015: Stop & Start system
39	HTR SUB NO.3	30	Before May 2015: Power heater
40	-	-	-
41	HTR SUB NO.2	30	Before May 2015: Power heater
42	HTR	50	From May 2015: Air conditioning system

No	Name	Amp	Circuit
44	PWR SEAT LH	30	Power seat, lumbar support
45	STV HTR	25	Power heater
46	ABS NO.2	30	ABS, VSC
47	FR DEICER	20	Windshield wiper de-icer
48	FUEL OPN	10	Before May 2015: Fuel filler door opener From May 2015: -
49	PSB	30	Before May 2015: Pre-crash seat belt From May 2015: -
50	PWR OUTLET	15	Power outlet
51	H-LP LH LO	10	Before May 2015: Except HID: Left-hand headlight (low beam) From May 2015: Left-hand headlight (low beam)
51	H-LP LH LO	15	Before May 2015: HID: Left-hand headlight (low beam)
52	H-LP RH LO	10	Before May 2015: Except HID: Right-hand headlight (low beam) From May 2015: Right-hand headlight (low beam)
52	H-LP RH LO	15	Before May 2015: 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	Before May 2015: Multiport fuel injection system/sequential multiport fuel injection system, air flow meter, exhaust system

No	Name	Amp	Circuit
55	EFI NO.1	7.5	From May 2015: Multiport fuel injection system/sequential multiport fuel injection system, air flow meter, exhaust system
56	EFI NO.2	10	Before May 2015: Air intake system, air flow meter, exhaust system
56	EFI NO.2	15	From May 2015: Air intake system, air flow meter, exhaust system
57	IG2 NO.2	7.5	Before May 2015: Starting system From May 2015: -
58	EFI NO.3	7.5	Before Nov. 2011: Multiport fuel injection system/sequential multiport fuel injection system
58	EFI NO.4	30	From Nov. 2011: Multiport fuel injection system/sequential multiport fuel injection system, "EFI NO.1", "EFI NO.2" fuses
58	EFI NO.4	20	From May 2015: Multiport fuel injection system/sequential multiport fuel injection system, "EFI NO.1", "EFI NO.2" fuses
59	CDS EFI	5	From May 2015: Electric cooling fan
60	EFI NO.3	7.5	From Nov. 2011: Multiport fuel injection system/sequential multiport fuel injection system
60	RDI EFI	5	From May 2015: Electric cooling fan
Relay			
R1			Before Nov. 2013: Windshield wiper de-icer / Stop light (FR DEICER/BRAKE LP) From Nov. 2013: Electric Cooling Fan (FAN NO.2)
R2			Electric Cooling Fan (FAN NO.3)
R3			Before May 2015: Air fuel ratio sensor (A/F) From May 2015: FR FOG Relay LH

Nº	Name	Amp	Circuit
R4			Before May 2015: Interior lights (DOME CUT) From May 2015: FR FOG Relay RH
R5			Engine control unit (EFI MAIN)
R6			Headlight (H-LP)
R7			Before Nov. 2013: Electric Cooling Fan (FAN NO.2) Nov. 2013 - Before Oct. 2016: Windshield wiper de-icer (FR DEICER) From Oct. 2016: Dimmer
R8			Electric Cooling Fan (FAN NO.1)
R9			May 2015 - Oct. 2016: Interior lights (DOME CUT) From Oct. 2016: (TSS C HTR)
R10			Before Nov. 2011: Fuel filler door opener (FUEL OPN)
R11			Before Nov. 2011: Dimmer From Nov. 2011: without AFS: Dimmer From Nov. 2011: with AFS: - May 2015 - Oct. 2016: with fuel heater: Fuel Heater (FUEL HTR); without fuel heater: -
R12			From Nov. 2011: with AFS: Dimmer May 2015 - Oct. 2016: Dimmer

Relay Box



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