

Toyota Camry (XV40; 2007-2011) fuses and relays

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*In this article, we consider the fourth-generation Toyota Camry (XV40), produced from 2006 to 2012. Here you will find fuse box diagrams of **Toyota Camry 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) and relay.*

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[Toyota Camry \(XV50; 2012-2017\)...](#)>>

Fuse Layout Toyota Camry 2007-2011



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Cigar lighter (power outlet) fuses in the Toyota Camry are the fuses #29 "CIG" and #30 "PWR OUTLET" in the Instrument panel fuse box.

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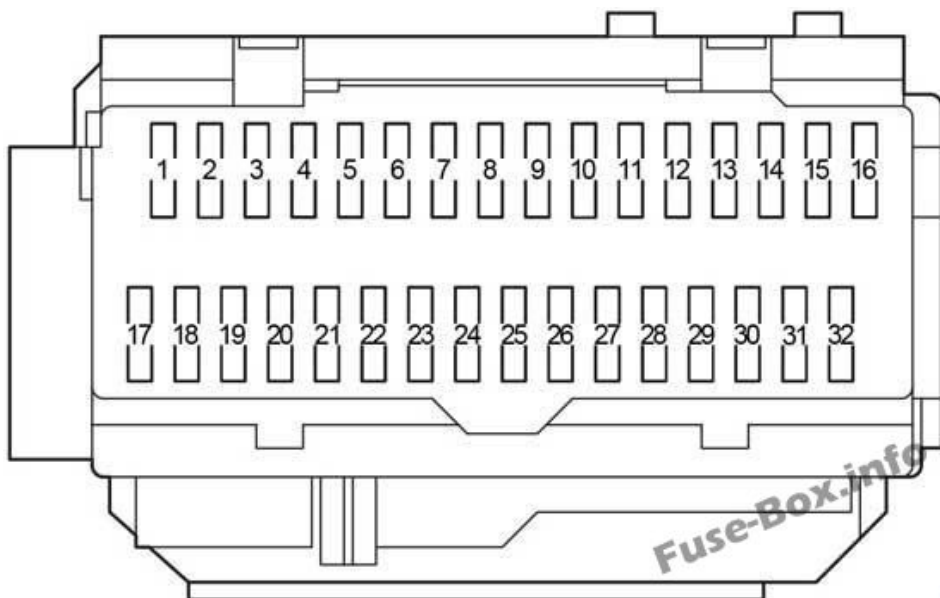
Passenger Compartment Fuse Box

Fuse box location

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



Fuse box diagram



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Assignment of the fuses in the Passenger Compartment

Nº	Name	Amp	Circuit
1	RR DOOR RH	25	Rear right power window
2	RR DOOR LH	25	Rear left power window
3	FUEL OPN	7.5	No circuit
4	FR FOG	15	Front fog lights
5	OBD	7.5	On-board diagnosis system
6	ECU-B NO.2	7.5	Power windows
7	STOP	10	Stop lights, high mounted stoplight, shift lock control system, multiport fuel injection system/sequential multiport fuel injection system, main body ECU, anti-lock brake system, vehicle stability control system, traction control system, brake assist system, electronic throttle control system
8	TI&TE	30	No circuit
9	-	-	Not used
10	AM1	7.5	Multiport fuel injection system/sequential multiport fuel injection system
11	A/C	7.5	Air conditioning system
12	PWR	25	Power windows
13	DOOR	25	Main body ECU



	NO.2		
14	S/ROOF	30	Moon roof
15	TAIL	15	Front side marker/parking lights, stop/tail lights, rear side marker lights, license plate lights, back-up lights, front turn signal lights, main body ECU
16	PANEL	7.5	Navigation system, seat heaters, emergency flashers, air conditioning system, audio system, clock, glove box light, instrument panel lights, steering switches, vehicle stability control system, traction control system
17	ECU IG NO.1	10	Main body ECU, windshield wipers and washer, moon roof, tire pressure warning system, electric cooling fans, auto anti-glare inside rear view mirror, navigation system
18	ECU IG NO.2	7.5	Anti-lock brake system, vehicle stability control system, traction control system, brake assist system, shift lock control system, automatic transmission, cruise control system
19	A/C NO.2	10	Air conditioning system, rear window defogger
20	WASH	10	Windshield wipers and washer
21	S-HTR	20	Seat heaters
22	GAUGE NO.1	10	Emergency flashers, charging system, multiport fuel injection system/sequential multiport fuel injection system, back-up lights
23	WIP	25	Windshield wipers and washer
24	H-LP LVL	7.5	No circuit
25	INJ	15	Multiport fuel injection system/sequential multiport fuel injection system, starting system
26	IGN	10	Multiport fuel injection system/sequential multiport fuel injection system, theft deterrent system, SRS airbag system, steering lock system, front passenger occupant classification system, smart key system, electronic throttle control system
27	GAUGE NO.2	7.5	Gages and meters, multi-information display, clock
28	ECU-ACC	7.5	Clock, main body ECU, shift lock control system, outside rear view mirror, smart key system
29	CIG	20	Power outlet
30	PWR OUTLET	20	Power outlet
31	RADIO NO.2	7.5	Audio system, navigation system
32	MIR HTR	10	Outside rear view mirror defoggers

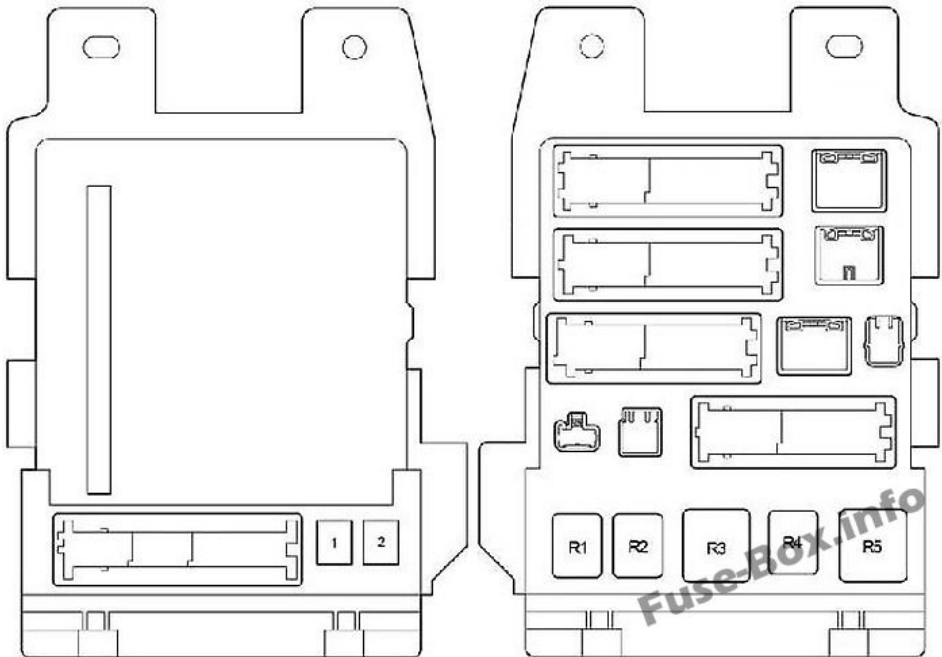




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No.	Name	Amp	Circuit
1	P/SEAT	30	Power seats
2	POWER	30	Power windows
Relay			
R1			Fog Lights
R2			Tail Lights
R3			Accessory Relay
R4			Power Window
R5			IG1 Relay



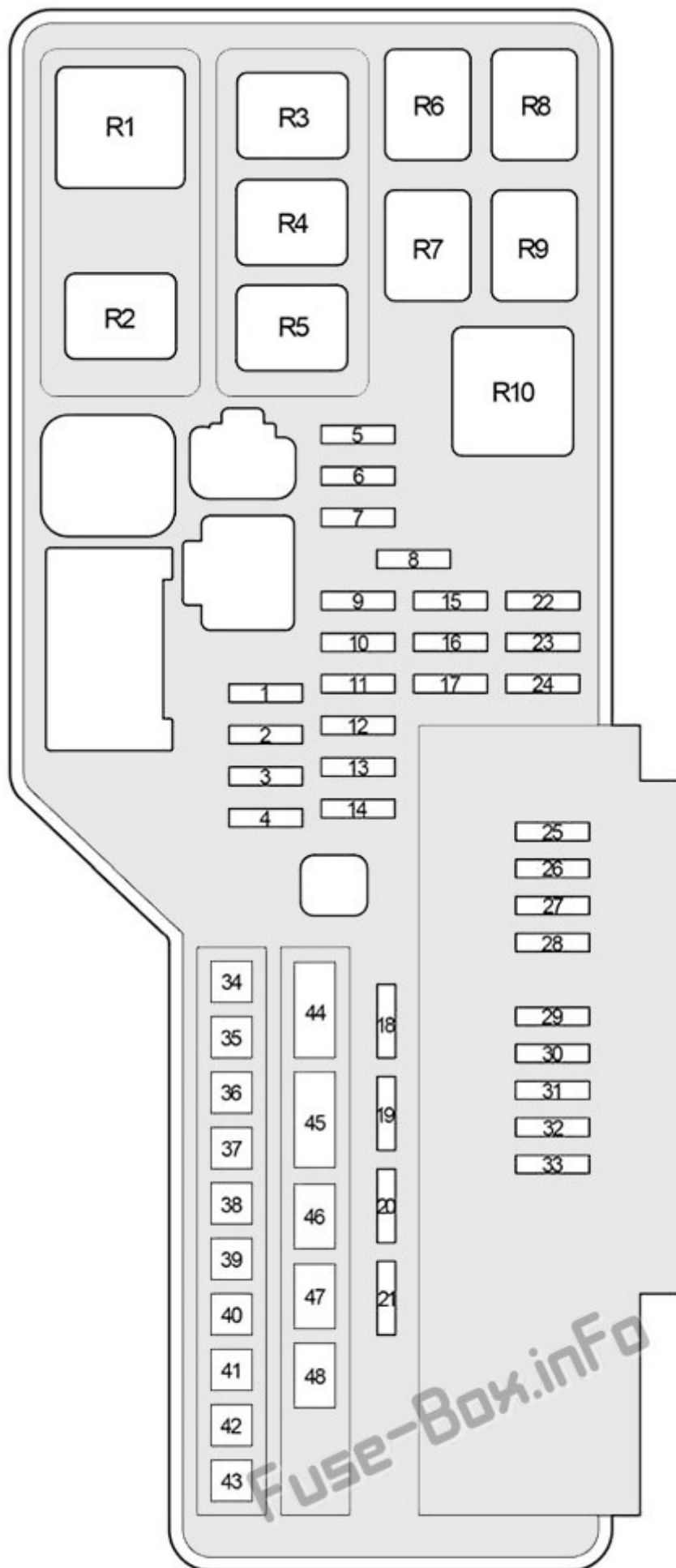
Fuse Box in the Engine Compartment

Fuse box location

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



Fuse box diagram



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Assignment of the fuses in the Engine Compartment

Nº	Name	Amp	Circuit
1	-	-	Not used
2	RR FOG	10	Rear fog light
3	FR DEF	15	
4	-	-	Not used
5	AM2	7.5	Starting system
6	ALT-S	7.5	Charging system
7	MAYDAY/TEL	7.5	No circuit
8	-	-	Not used
9	EFI2	30	2AR-FE (2009-2011): Multiport fuel injection system/sequential multiport fuel injection system
10	E-ACM	10	2GR-FE: No circuit
11	ETCS	10	Electronic throttle control system
12	HAZ	15	Turn signal lights, gauge and meters
13	IG2	20	Multiport fuel injection system/sequential multiport fuel injection system, starting system, GAUGE NO.2, IGN, INJ
14	STR LOCK	20	Steering lock system
15	DOME	10	Gages and meters, vanity lights, trunk light, ignition switch light, door courtesy lights, interior
Nº	Name	Amp	Circuit

			light, personal lights, clock, smart key system
16	ECU-B NO.1	10	Wireless remote control system, front passenger occupant classification system, main body ECU, vehicle stability control system
17	RADIO NO.1	15	Audio system, navigation system
18	DOOR NO.1	25	Main body ECU
19	-	-	-
20	AMP	25	Audio system
21	EFI MAIN	30	Multiport fuel injection system/sequential multiport fuel injection system, electronic throttle control system, main body ECU, "EFI NO.2" and "EFI NO.3" fuses
22	-	-	Not used
23	EFI NO.3	10	Multiport fuel injection system/sequential multiport fuel injection system
24	EFI NO.2	15	Multiport fuel injection system/sequential multiport fuel injection system
25	S-HORN	7.5	Horn
26	A/F	20	Multiport fuel injection system/sequential multiport fuel injection system
27	MPX-B	10	Gages and meters
28	EFI NO.1	10	Theft deterrent system, smart key system, multiport fuel injection system/sequential multiport fuel injection system, electronic throttle control system
29	HORN	10	Horns
30	H-LP (RL)	15	Right-hand headlight (low beam)
31	H-LP (LL)	15	Left-hand headlight (low beam)
32	H-LP(RH)	15	Right-hand headlight (high beam)
33	H-LP (LH)	15	Left-hand headlight (high beam)
34	HTR	50	Air conditioning system
35	ABS NO.1	50	Anti-lock brake system, vehicle stability control system, traction control system, brake assist system
36	FAN MAIN	50	2GR-FE: Electric cooling fans
37	ABS NO.2	30	Anti-lock brake system, vehicle stability control system, traction control system, brake assist system
38	RR DEF	50	Rear window defogger, "MIR HTR" fuse
Nº	Name	Amp	Circuit
39	RR PWR	30	No circuit



	SEAT		
40	H-LP CLN	30	No circuit
41	CDS FAN	40	2AR-FE: Electric cooling fans
42	RDI FAN	40	2AR-FE: Electric cooling fans
43	MSB	30	No circuit
44	ALT	120	"RR FOG", "FR DEF", "AM2", "ALT-S", "MAYDAY/TEL", "E-ACM", "ETCS", "HAZ", "IG2", "STR LOCK", "DOME", "ECU-B NO.1", "RADIO NO.1", "EFI MAIN", "AMP", "DOOR NO.1", "EFI NO.3", "EFI NO.2", "S-HORN", "A/F", "MPX-B", "EFI NO.1", "HORN", "H-LP(RL)", "H-LP(LL)", "H-LP(RH)", "H-LP(LH)", "HTR", "ABS NO.1", "FAN MAIN", "ABS NO.2", "RR DEF", "RR PWR SEAT", "H-LP CLN", "CDS FAN", "RDI FAN", "MSB", "ALT" and "ST/AM2" fuses
45	-	-	Not used
46	-	-	Not used
47	-	-	Not used
48	ST/AM2	30	Starting system, GAUGE NO.2, IGN, INJ
Relay			
R1			VSC No.2
R2			VSC NO.1
R3			2AZ-FE: Electric cooling fan (NO.1)
R4			2AZ-FE: Electric cooling fan (No.3)
R5			2AZ-FE: Electric cooling fan (No.2) 2GR-FE: Electric cooling fan
R6			Starter
R7			Ignition
R8			MGC Relay
R9			ST CUT Relay
R10			Rear window defogger

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[How to replace a blown fuse?](#)

[Why do car fuses blow?](#)

[Types of automotive fuses](#)



