

Toyota Venza (2009-2017) fuses and relays

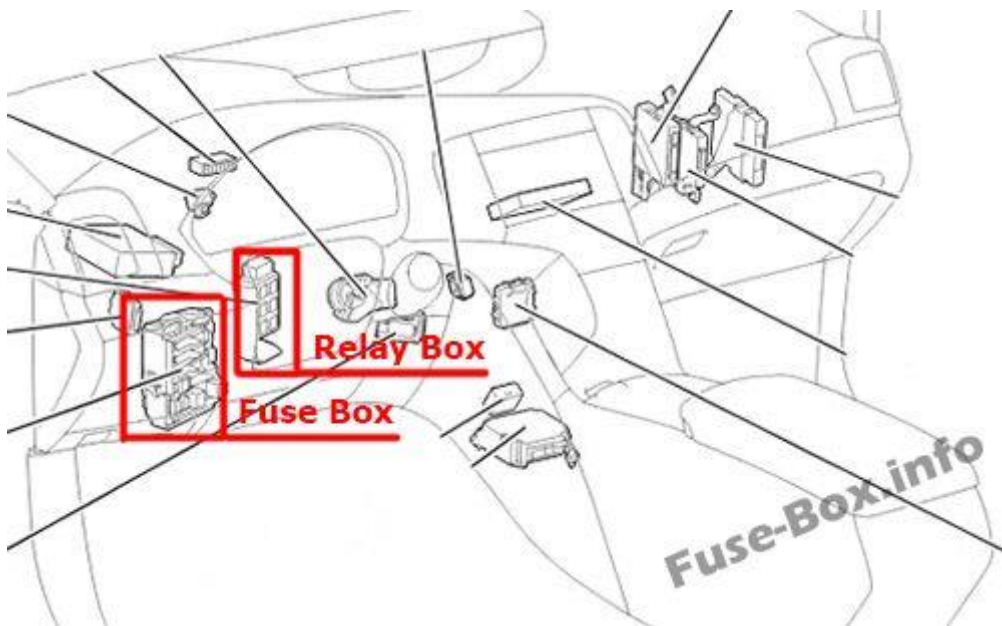
The mid-size crossover Toyota Venza was produced from 2009 to 2017. In this article, you will find fuse box diagrams of **Toyota Venza 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016 and 2017**, get information about the location of the fuse panels inside the car, and learn about the assignment of each fuse (fuse layout) and relay.

Fuse Layout Toyota Venza 2009-2017



Cigar lighter (power outlet) fuses in the Toyota Venza are the fuse #30 "PWR OUTLET NO.1" in the Instrument panel fuse box, and fuse #33 "AC 115V" in the Engine Compartment Fuse Box.

Passenger Compartment Overview



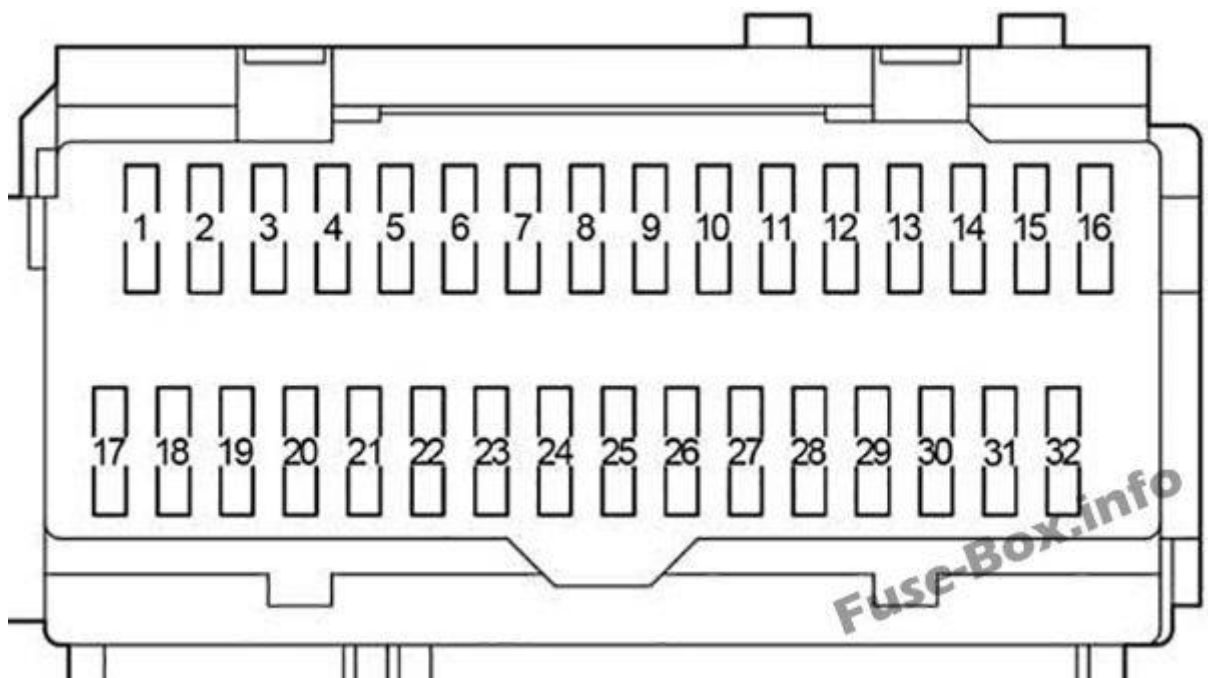
Passenger Compartment Fuse Box

Fuse box location

The fuse box is located under the instrument panel (left side), under the lid.



Fuse box diagram



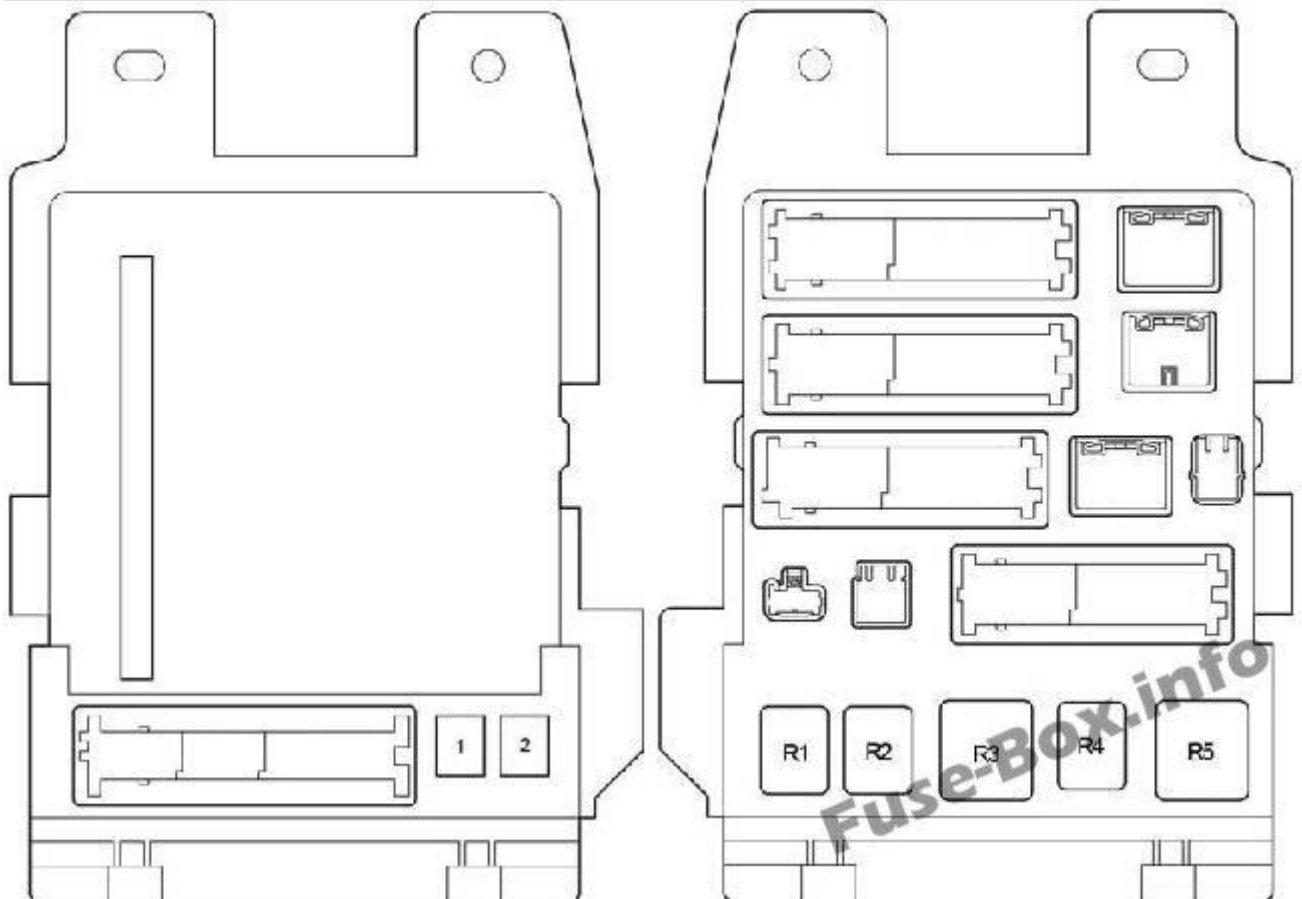
Advertisements

Assignment of the fuses in the Passenger Compartment

№	Name	Amp	Circuit
1	RR DOOR	25(2008-2009) 20(2010-2017)	Power windows
2	RL DOOR	25(2008-2009) 20(2010-2017)	Power windows
3	FR DOOR	25(2008-2009) 20(2010-2017)	Power windows
4	FOG	15	Fog lights
5	OBD	7.5	On-board diagnosis system
6	FL DOOR	25(2008-2009) 20(2010-2017)	Power windows
7	STOP	10	Stop lights, vehicle stability control system
8	RR FOG	10	Rear fog light
9	-	-	-
10	AM1	7.5	Starting system
11	ECU-B NO.2	7.5	Steering sensor, air conditioning system, power windows
12	4WD	7.5	Active Torque Control 4WD

No	Name	Amp	Circuit
13	SEAT HTR	20	Seat heaters
14	S/ROOF	25	Electric moon roof
15	TAIL	10	Side marker lights, tail lights, license plate light
16	PANEL	5	Emergency flashers, audio system, clock, instrument panel light control, glove box light, console box light, steering switches, outside rear view mirror defoggers, seat heaters, vehicle stability control system, shift lever light
17	ECU IG NO.1	10	Multiplex communication system, electric moon roof, power back door, seat heaters, Active Torque Control 4WD, audio system, Automatic High Beam
18	RR WASHER	15	Rear window washer
19	A/C NO.2	10	Air conditioning system
20	FR WASHER	20	Windshield washer
21	ECU IG NO.2	7.5	Vehicle stability control system, automatic headlight leveling system, yaw rate & G sensor, steering sensor, shift lock system, tire pressure warning system, automatic transmission, electric power steering
22	GAUGE NO.1	10	Entune Premium Audio with Navigation, back-up lights, charging system, emergency flashers, multi-information display
23	FR WIPER	30	Windshield wipers
24	RR WIPER	15	Rear window wiper
25	-	-	-
26	IGN	10	Multiport fuel injection system/sequential multiport fuel injection system, steering lock system, smart key system,

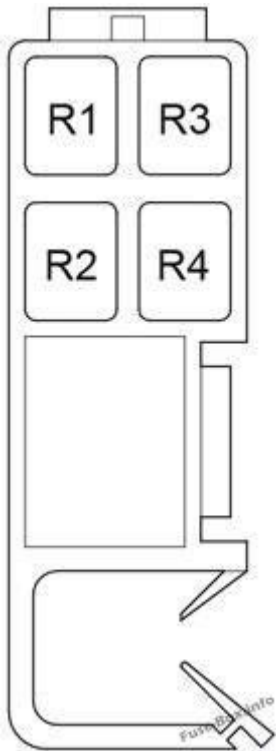
No	Name	Amp	Circuit
			SRS airbag system, front passenger occupant classification system
27	GAUGE NO.2	7.5	Gauges and meters, multi-information display, multiplex communication system
28	ECU-ACC	7.5	Power rear view mirrors
29	SHIFT LOCK	7.5	Shift lock system
30	PWR OUTLET NO.1	15	Power outlets
31	RADIO NO.2	7.5	Audio system
32	MIR HTR	10	Outside rear view mirror defoggers



No	Name	Amp	Circuit
1	P/SEAT	30	Power seats
2	-	-	-
Relay			
R1			Fog Lights
R2			Tail Lights
R3			Accessory Relay (ACC)
R4			-
R5			Ignition (IG1)

Advertisements

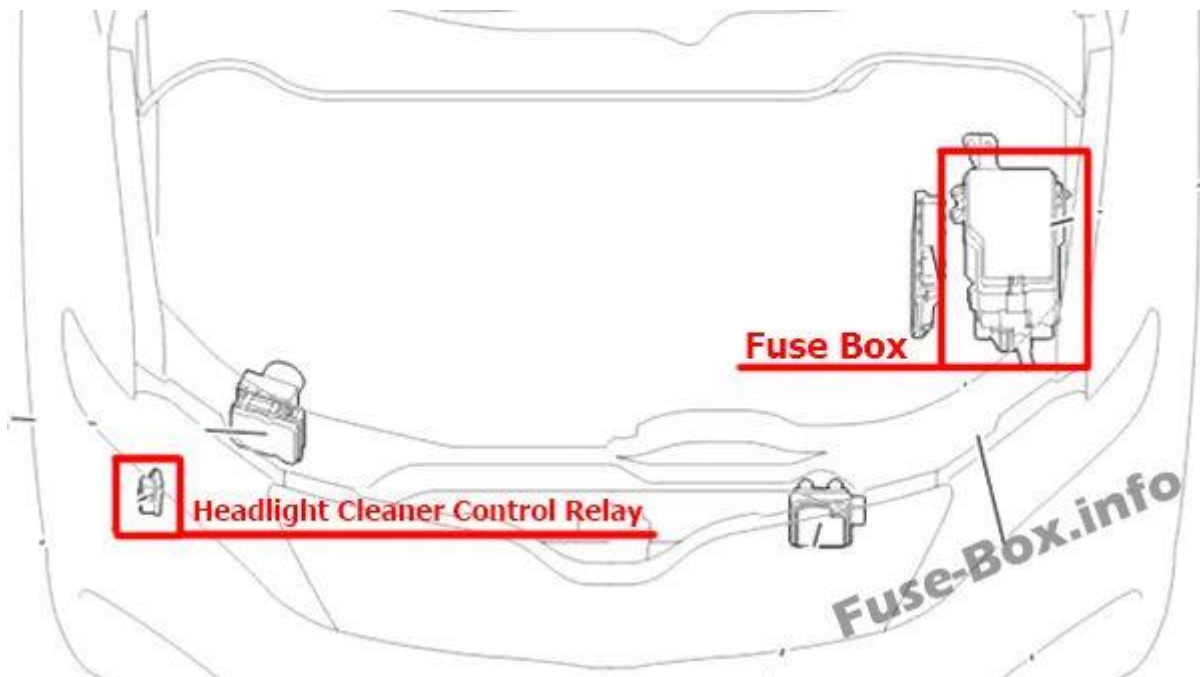
Relay Box



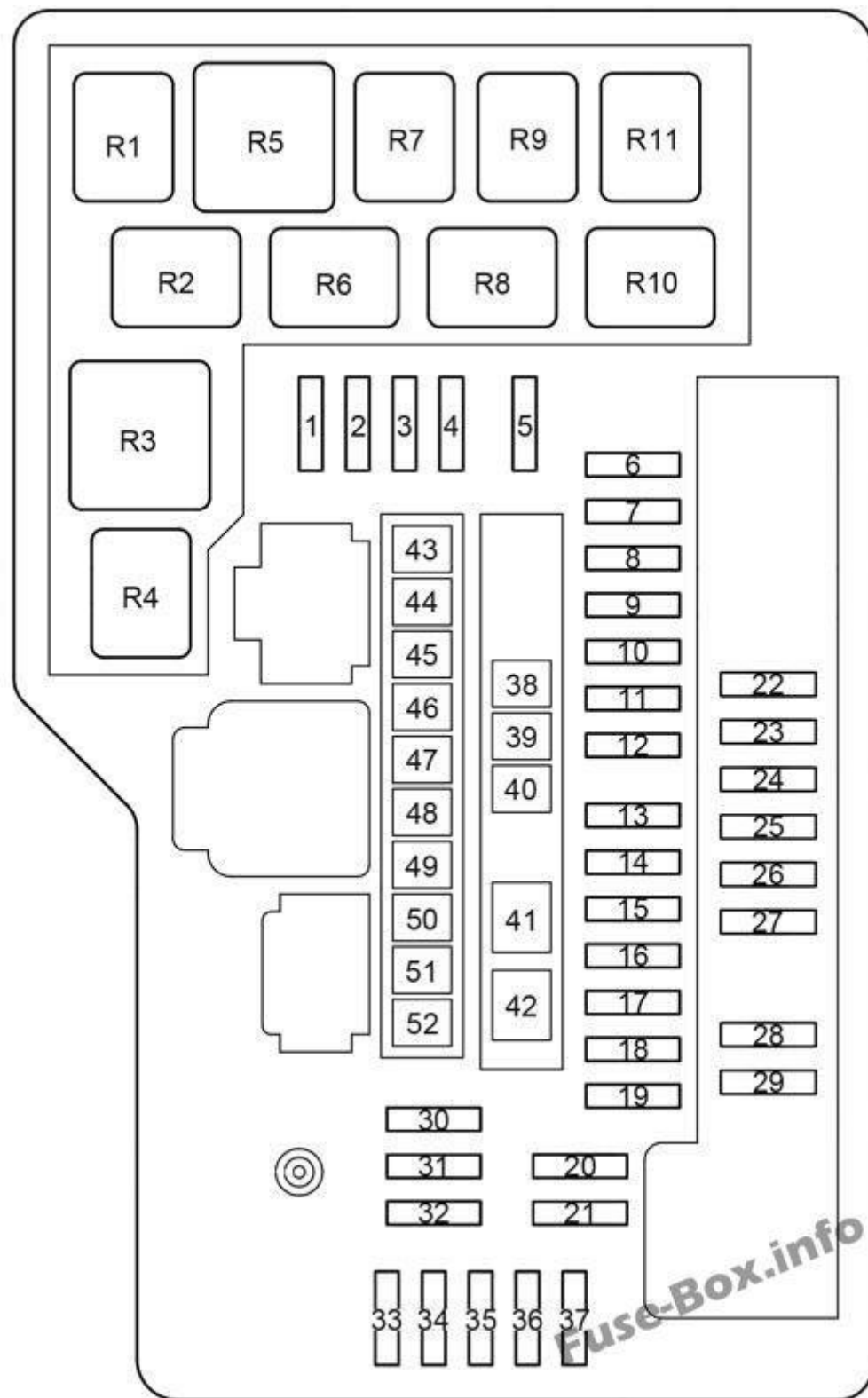
No	Relay
R1	Interior lights (DOME CUT)
R2	Rear fog light (RR FOG)
R3	-
R4	Ignition (IG1 NO.2)

Engine Compartment Fuse Box

Fuse box location



Fuse box diagram



Advertisements

Assignment of the fuses and relay in the Engine Compartment

No	Name	Amp	Circuit
1	DOVE	7.5	Personal/interior lights, vanity lights, engine switch light, door courtesy lights, power back door, gauges and meters
2	ECU-B	10	Gauges and meters, clock, audio system, main body ECU, wireless remote control, smart key system, power back door, front passenger occupant classification system
3	RSE	10	2008-2012: Rear seat entertainment system
4	RADIO NO.1	15(2008-2010) 20(2011-2017)	Audio system, navigation system
5	DCC	-	-
6	RADIO NO.3	25	2008-2012: Audio system
6	AUDIO AMP	20	2013-2017: Audio system
7	-	-	-
8	IG2	25	"INJ NO.1", "INJ NO.2" fuses, SRS airbag system
9	-	-	-
10	HAZ	15	2008-2012: Turn signal lights
10	TURN-HAZ	15	2013-2017: Turn signal lights
11	ETCS	10	Multiport fuel injection system/sequential multiport fuel injection system, electronic throttle control system

No	Name	Amp	Circuit
12	EFI NO.1	10	Smart key system, multiport fuel injection system/sequential multiport fuel injection system, automatic transmission
13	ALT-S	7.5	Charging system
14	AM2	7.5	Multiplex communication system, starting system
15	SEC-HORN	7.5	Theft deterrent
16	STR LOCK	20	Steering lock system
17	DOOR NO.1	20	Power door lock system
18	-	-	-
19	BI-XENON	10	2013-2017: Discharge headlights (high beam control)
20	EFI NO.3	10	Multiport fuel injection system/sequential multiport fuel injection system
21	EFI NO.2	15	Multiport fuel injection system/sequential multiport fuel injection system
22	EFI NO.4	20	1AR-FE: Air fuel ratio sensor
22	EFI MAIN	25	2GR-FE: "EFI NO.2", "EFI NO.3" fuses
23	-	-	-
24	H-LP RH HI	15	Right-hand headlight (high beam)
25	H-LP LH HI	15	Left-hand headlight (high beam)
26	H-LP RH LO	15	Right-hand headlight (low beam)
27	H-LP LH LO	15	Left-hand headlight (low beam)

No	Name	Amp	Circuit
28	HORN	10	Horn
29	EFI MAIN	20	1AR-FE: "EFI NO.2", "EFI NO.3" fuses
29	A/F	20	2GR-FE: Air fuel ratio sensor
30	INJ NO.2	15	Igniter system
31	INJ NO.1	15	Multiport fuel injection system/sequential multiport fuel injection system
32	-	-	-
33	AC 115V	15	2008-2012: Power outlet
33	MIRROR	10	2013-2017: Outside rearview mirrors (driving position memory)
34	-	-	-
35	DEICER	20	Windshield wiper de-icer
36	-	-	-
37	-	-	-
38	ST/AM2	30	Starting system
39	-	-	-
40	-	-	-
41	EPS	80	Electric power steering
42	ALT	120 / 140	Charging system, "HEATER", "ABS NO.1", "FAN MAIN", "ABS NO.2", "PBD", "RR DEF", "MIR HTR", "DEICER" fuses
43	RR DEF	30	Rear window defogger

No	Name	Amp	Circuit
44	PBD	30	2008-2012: Power back door
44	LG/CLOSER	30	2013-2017: Power back door
45	H-LP CLNR	30	Headlight cleaner
45	FAN MAIN	40	2GR-FE: Electric cooling fan
46	RDI FAN	30	1AR-FE: Electric cooling fan
47	CDS FAN	30	1AR-FE: Electric cooling fan
48	-	-	-
49	ABS NO.2	30	Anti-lock brake system, vehicle stability control system
50	FAN MAIN	50	2GR-FE: Electric cooling fan
51	ABS NO.1	50	Anti-lock brake system, vehicle stability control system
52	HEATER	50	Air conditioning system
Relay			
R1			Theft deterrent (SEC HORN)
R2			Windshield wiper de-icer (DEICER)
R3			-
R4			Stop lights (BRK)
R5			Rear window defogger (RR DEF)
R6			Starter (ST)

Nº	Name	Amp	Circuit
R7			Electric cooling fan (FAN NO.1)
R8			Discharge headlights (BI-XENON)
R9			Electric cooling fan (FAN NO.3)
R10			Electric cooling fan (FAN NO.2)
R11			Ignition (IG2)