

Toyota Aurion (XV40; 2006-2012) fuses and relays

*In this article, we consider the first-generation Toyota Aurion (XV40), produced from 2006 to 2012. Here you will find fuse box diagrams of **Toyota Aurion 2006, 2007, 2008, 2009, 2010, 2011 and 2012**, get information about the location of the fuse panels inside the car, and learn about the assignment of each fuse (fuse layout) and relay.*

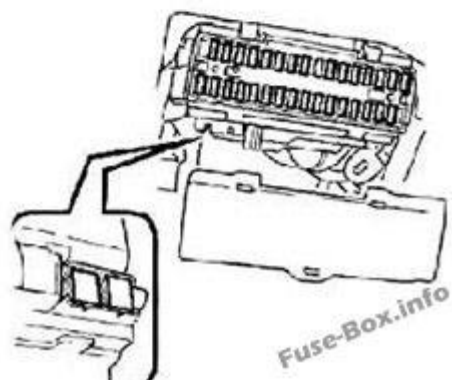
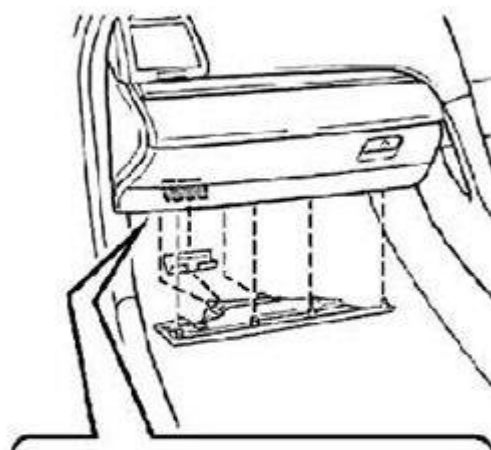
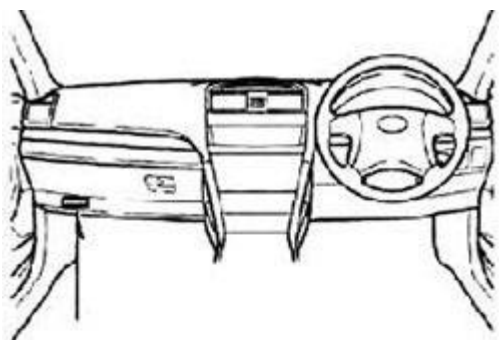
Fuse Layout Toyota Aurion 2006-2012



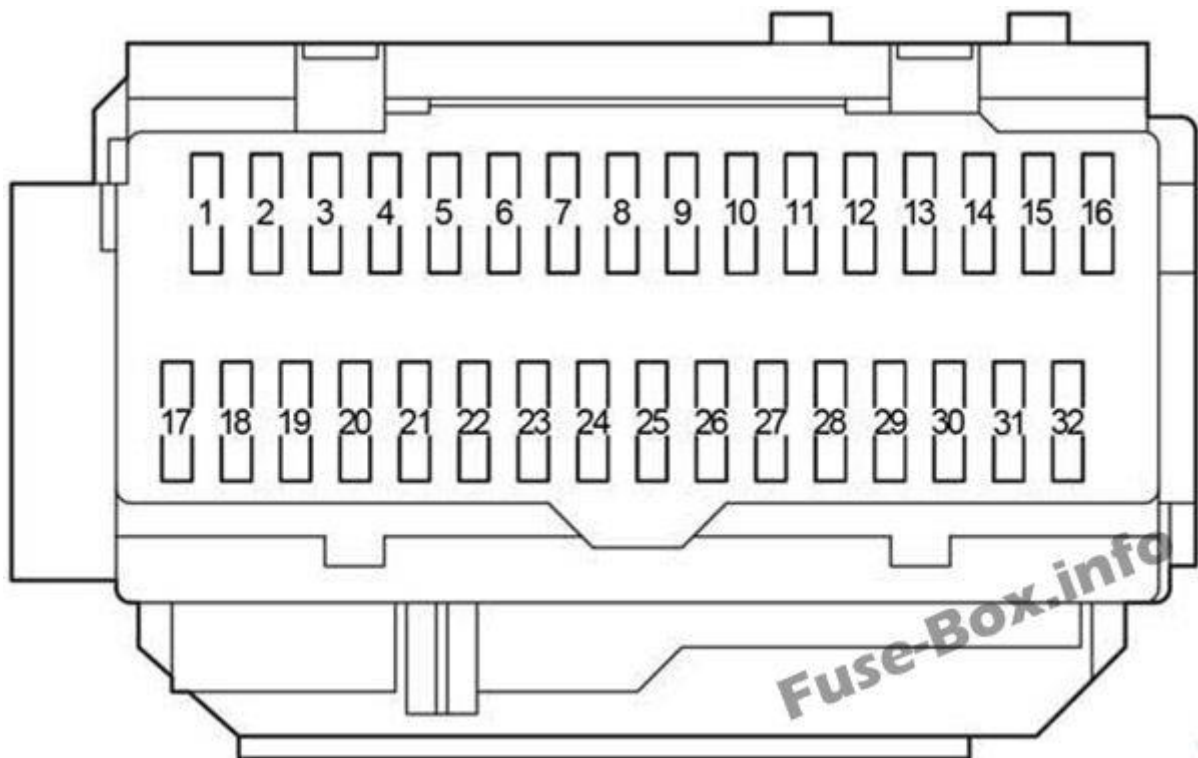
Cigar lighter (power outlet) fuses in the Toyota Aurion are the fuses #29 "CIG" (Cigarette lighter) and #30 "PWR OUTLET" (Power outlet) in the Instrument panel fuse box.

Passenger Compartment Fuse box

Fuse box location



Fuse box diagram



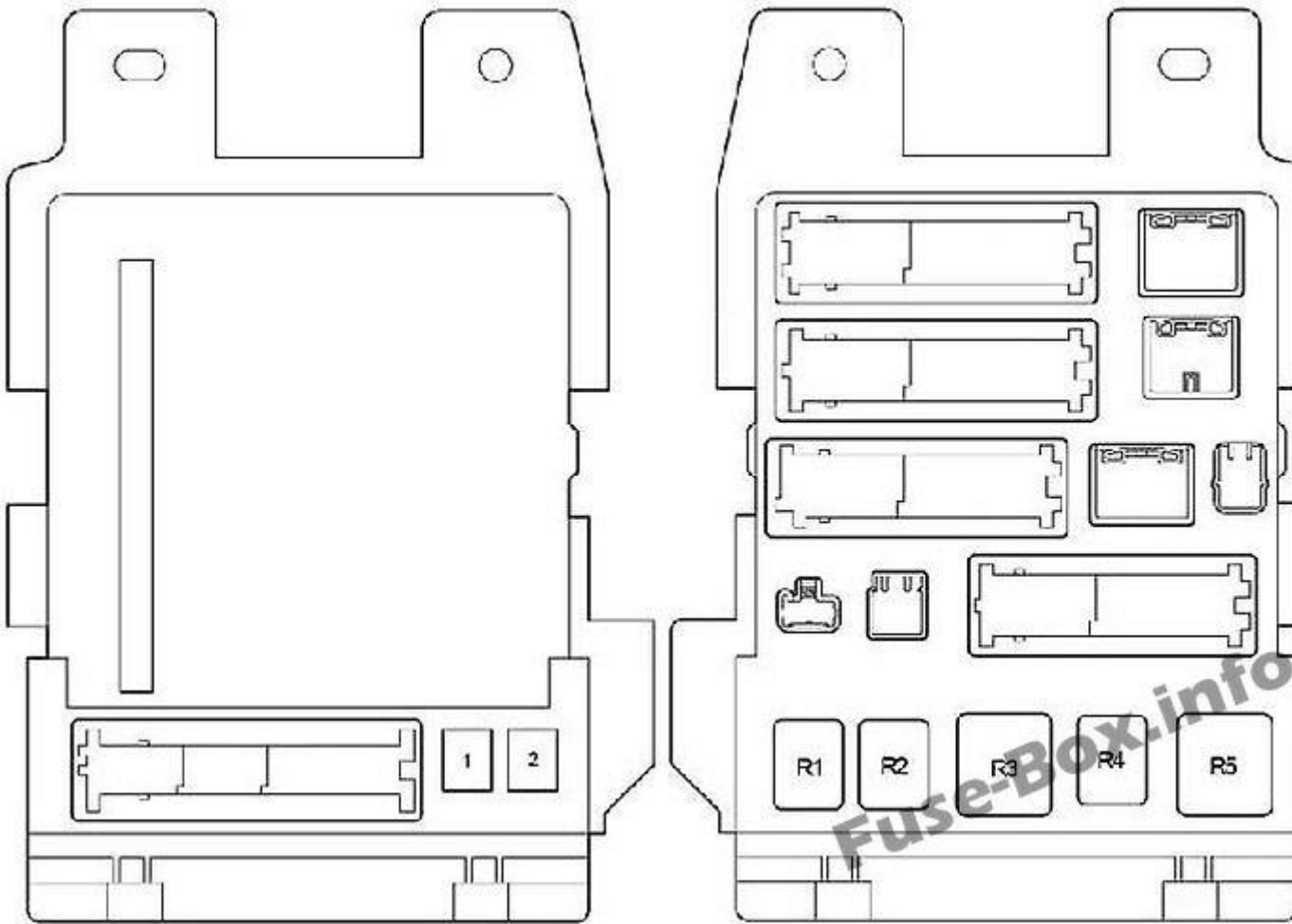
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Assignment of the fuses in the Passenger Compartment

No	Name	Amp	Circuit
1	RR DOOR RH	25	Rear right power window
2	RR DOOR LH	25	Rear left power window
3	-	-	-
4	FR FOG	15	Front fog lights
5	OBD	7.5	On-board diagnosis system
6	ECU-B NO.2	7.5	Power window, driving position memory system
7	STOP	10	Stop lights, high mounted stoplight, shift lock control system, multiport fuel injection system / sequential multiport fuel

No	Name	Amp	Circuit
			injection system, anti-lock brake system, vehicle stability control system, traction control system, brake assist system
8	TI&TE	30	Driving position memory system
9	-	-	-
10	AM1	7.5	Starting system, multiport fuel injection system / sequential multiport fuel injection system
11	A/C	7.5	Air conditioning system
12	PWR	25	Power windows
13	DOOR NO.2	25	Main body ECU
14	S/ROOF	30	Electric moon roof
15	TAIL	15	Tail lights, licence plate lights, parking lights, front fog lights, auto headlight levelling system
16	PANEL	7.5	Emergency flashers, air conditioning system, audio system, clock, glove box light, instrument panel lights, steering switches, navigation system, automatic transmission, rear electric sun shade
17	ECU IG NO.1	10	Main body ECU, electric moon roof, electric cooling fans, windshield wipers and washer, multi-information display, clock, Toyota parking assist-sensor, driving position memory system, auto antiglare inside rear view mirror, charging system, vehicle stability control system, smart entry and start system, rear view monitor 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, cruise control system, automatic transmission
19	A/C NO.2	10	Air conditioning system, rear window defogger

No	Name	Amp	Circuit
20	WASH	10	Windshield wipers and washers
21	-	-	-
22	GAUGE NO.1	10	Emergency flashers, back-up lights, charging system, navigation system, rear electric sun shade
23	WIP	25	Windshield wipers and washer
24	H-LP LVL	7.5	Auto headlight levelling system
25	TRAILER	20	Trailer wiring module
	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, SRS airbag system, smart entry and start system, steering lock system, stop lights, electronic throttle control system
27	GAUGE NO.2	7.5	Gauges and meters, multi-information display, clock
28	ECU-ACC	7.5	Clock, main body ECU, shift lock control system, outside rear view mirrors, smart entry and start system, multi-information display
29	CIG	20	Cigarette lighter
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



Assignment of the fuses in the Passenger Compartment

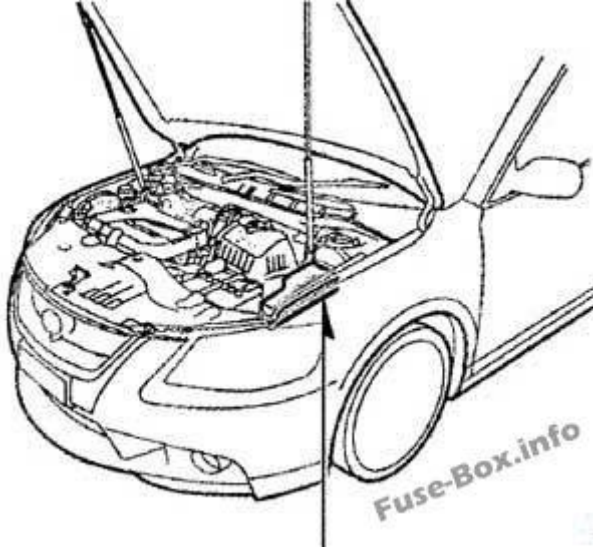
Nº	Name	Amp	Circuit
1	P/SEAT	30	Power seats, driving position memory system
2	POWER	30	Power windows, driving position memory system
Relay			
R1			Fog Lights
R2			Tail Lights
R3			Accessory Relay
R4			Power Window

Nº	Name	Amp	Circuit
R5			Ignition (IG1)

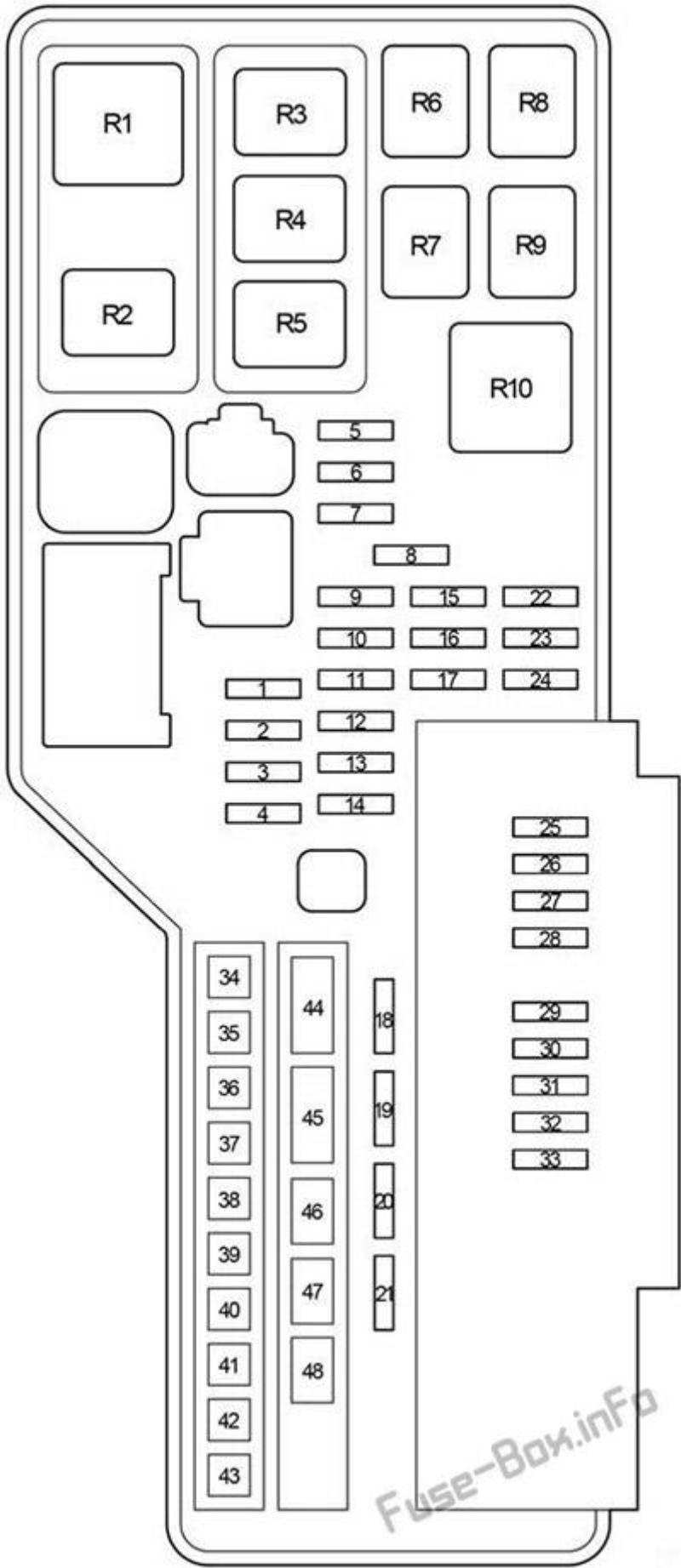
Fuse Box in the Engine Compartment

Fuse box location

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



Fuse box diagram



Assignment of the fuses in the Engine Compartment

No	Name	Amp	Circuit
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	AM 2	7.5	Starting system
6	ALT-S	7.5	Charging system
7	MAYDAY/TEL	7.5	Toyota Link system
8	-	-	-
9	-	-	-
10	E-ACM	10	Engine active controlled mounting
11	ETCS	10	Electronic throttle control system
12	HAZ	15	Emergency flashers
13	IG2	20	Multiport fuel injection system / sequential multiport fuel injection system, starting system, "GAUGE NO.2" and "IGN" fuses
14	STR LOCK	20	Steering lock system
15	DOME	10	Gauges and meters, vanity lights, boot light, ignition switch light, door courtesy lights, interior light, personal lights, clock, smart entry and start system, side turn signal lights
16	ECU-B NO.1	10	Main body ECU, vehicle stability control system, wireless remote control system, multiinformation display, driving

No	Name	Amp	Circuit
			position memory system, windshield wipers, rear view monitor system
17	RADIO NO.1	15	Audio system, navigation system
18	DOOR NO.	25	Main body ECU
19	-	-	-
20	AMP	25	Audio system, navigation system
21	EFI MAIN	30	Multiport fuel injection system / sequential multiport fuel injection system, automatic transmission, "EFI NO.2" and "EFI NO.3" fuses
22	-	-	-
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	Gauges and meters
28	EFI NO.1	10	Multiport fuel injection system / sequential multiport fuel injection system, smart entry and start system, automatic transmission
29	HORN	10	Horns
30	H-LP (RL)	15	Right-hand headlight (low beam), headlight levelling system

No	Name	Amp	Circuit
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	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
39	-	-	-
40	H-LP CLN	30	No circuit
41	-	-	-
42	-	-	-
43	-	-	-
44	ALT	120	"AM2" "ALT-S", "E-ACM", "ETCS", "HAZ", 'TG2" "STR LOCK", "DOME", "ECU-B NO.1", "RADIO NO.1", "EFI MAIN", "DOOR NO.1", "EFI NO.3", "EFI NO.2", "S-HORN", "A/F HTR", "MPX-B", "EFI NO.1", "HORN", "H-LP(RL)", "H-LP(LL)", "H-LP(RH)", "H-LP(LH)", "HTR", "ABS NO.1", "ABS NO.2", "RR DEF", "FAN MAIN", "CDS FAN", "RDI FAN" and "ST/AM2" fuses
45	-	-	-
46	-	-	-

№	Name	Amp	Circuit
47	-	-	-
48	ST/AM2	30	Starting system
Relay			
R1			-
R2			-
R3			-
R4			-
R5			Electric cooling fan
R6			Starter (ST)
R7			Ignition (IG)
R8			Air conditioner compressor clutch (MG CLT)
R9			Starter (ST CUT)
R10			Rear window defogger