

Toyota Avalon Hybrid (XX40; 2013-2018) fuses

*In this article, we consider the fourth-generation Toyota Avalon Hybrid (XX40), produced from 2012 to 2018. Here you will find fuse box diagrams of **Toyota Avalon Hybrid 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).*

See other Toyota Avalon:

Fuse Layout Toyota Avalon Hybrid 2013-2018



Cigar lighter (power outlet) fuses in the Toyota Avalon Hybrid are the fuses #4 “RR P/OUTLET” and #22 “FR P/OUTLET” in the Instrument panel fuse box.

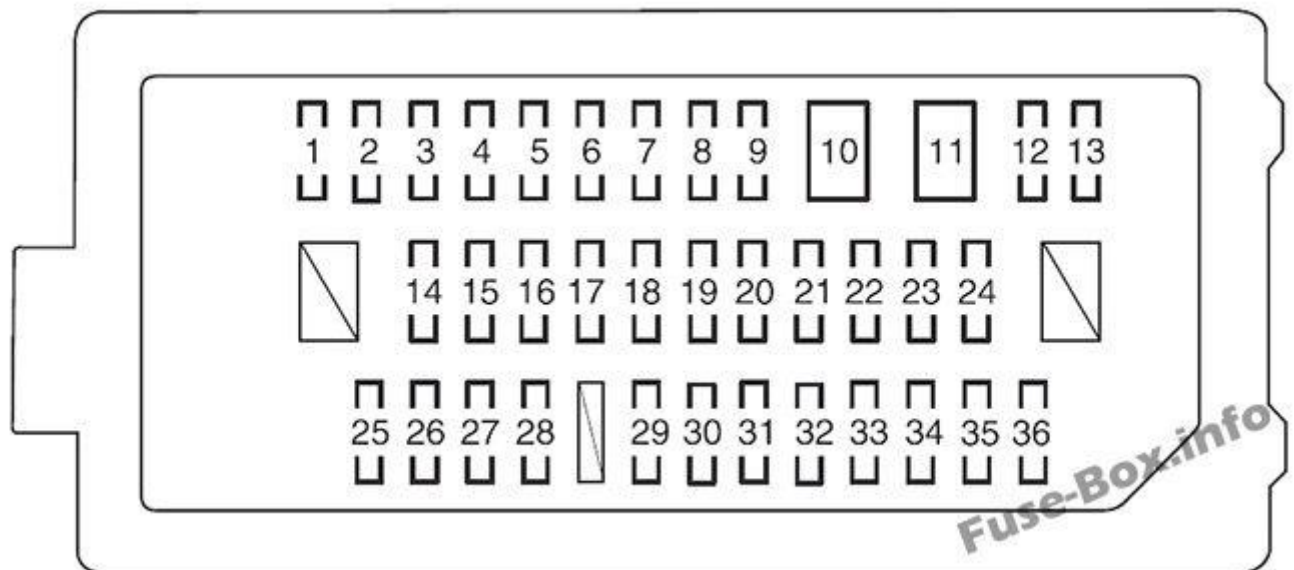
Passenger Compartment Fuse Box

Fuse box location

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



Fuse box diagram



Assignment of the fuses in the Passenger Compartment

No	Name	Ampere rating [A]	Circuit
1	H-LP LVL	7,5	Automatic headlight leveling system

№	Name	Ampere rating [A]	Circuit
2	S/HTR RR	20	Rear seat heater
3	ECU-ACC	5	Outside rear view mirrors, glove box light, air conditioning system, multiplex communication system
4	RR P/OUTLET	15	Power outlet
5	ECU-IG2 NO.2	7,5	Multiplex communication system, smart key system
6	ECU-IG2 NO.1	7,5	Multiport fuel injection system/sequential multiport fuel injection system
7	A/B	10	Front passenger occupant classification system, SRS airbag system
8	FUEL DR LOCK	10	Fuel tiller door lock
9	D/L-AM1	20	Multiplex communication system, power door lock, trunk opener switch
10	PSB	30	Pre-collision system
11	P/SEAT FR	30	Power seats
12	S/ROOF	10	Moon roof
13	A/C-B	7,5	Air conditioning system
14	STOP	7,5	Stop/tail lights, multiport fuel injection system/sequential multiport fuel injection system, vehicle stability control system, anti-lock brake system, electronic controlled transmission, high mounted stoplight, smart key system, shift lock control system
15	AM1	7,5	No circuit

No	Name	Ampere rating [A]	Circuit
16	4-WAY LUMBAR	7,5	Power seat
17	ECU-B NO.2	10	Smart key system, tire pressure warning system, power window, front passenger occupant classification system
18	OBD	10	On-board diagnosis system
19	S/HTR&FAN F/L	10	Seat heaters
20	S/HTR&FAN F/R	10	Seat heaters
21	RADIO-ACC	5	Audio system, navigation system
22	FR P/OUTLET	15	Power outlet
23	WIPER-S	10	Dynamic radar cruise control, pre-collision system
24	EPS-IG1	7,5	Electric power steering
25	BKUP LP	7,5	Back-up lights, multiport fuel injection system/sequential multiport fuel injection system, electronic controlled transmission
26	WIPER	25	Windshield wipers and washer
27	A/C-IG1	7,5	Air conditioning system
28	WASHER	10	Windshield wipers and washer
29	DOOR R/L	20	Rear left-hand power windows
30	DOOR F/L	20	Power windows, outside rear view mirrors

No	Name	Ampere rating [A]	Circuit
31	DOOR R/R	20	Rear right-hand power windows
32	DOOR F/R	20	Power windows, outside rear view mirrors
33	TAIL	10	Parking lights, side marker lights, stop/tail lights, rear turn signal lights, back up lights, license plate lights, fog lights
34	PANEL	10	Switch illumination, air conditioning system, glove box light, interior lights, personal lights, audio system, navigation system, rear sunshade, seat heater, Blind Spot Monitor, driving mode select switch, steering wheel switch, trunk opener switch, vehicle stability control off switch, emergency flashers, outside rearview mirrors
35	ECU-IG1 NO.1	10	Vehicle stability control system, electric cooling fans, steering sensor, multiport fuel injection system/sequential multiport fuel injection system, charging system, rear window defogger, outside rear view mirror defoggers, rain-sensing windshield wipers, Blind Spot Monitor, rear sunshade, dynamic radar cruise control, multiplex communication system, rear seat heater, backup lights, fog lights, headlight (high beam), daytime running light, precollision system
36	ECU-IG1 NO.2	10	Shift lock control system, seat heaters, smart key system, tire pressure warning system, wireless remote control, multiplex communication system, audio system, navigation system, moon roof, auto anti-glare inside rear view mirror, outside rear view mirrors, pre-collision system, air conditioning controls, rain-sensing windshield wipers, starting system, dynamic radar cruise control

Engine Compartment Fuse Boxes

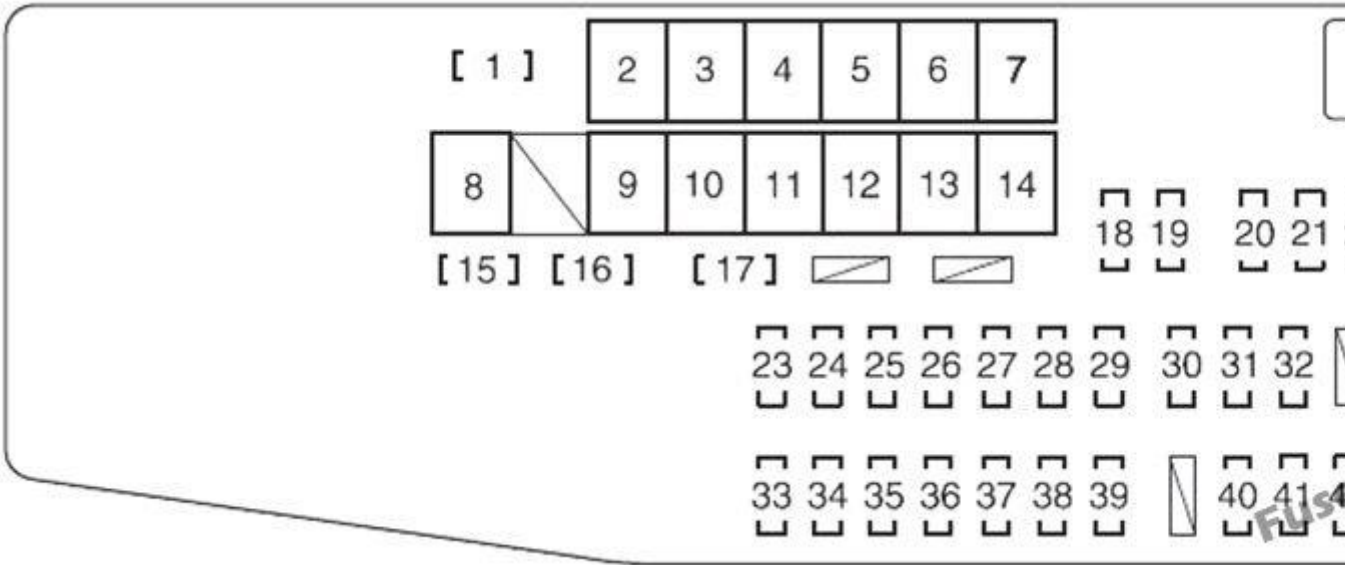
Fuse box location

The Main Fuse Box is located in the engine compartment (left-side).
Additional Fuse Box is located on the right-hand side.



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Fuse box diagram



Assignment of the fuses in the Engine Compartment

No	Name	Ampere rating [A]	Circuit
1	METER-IG2	5	Gauge and meters

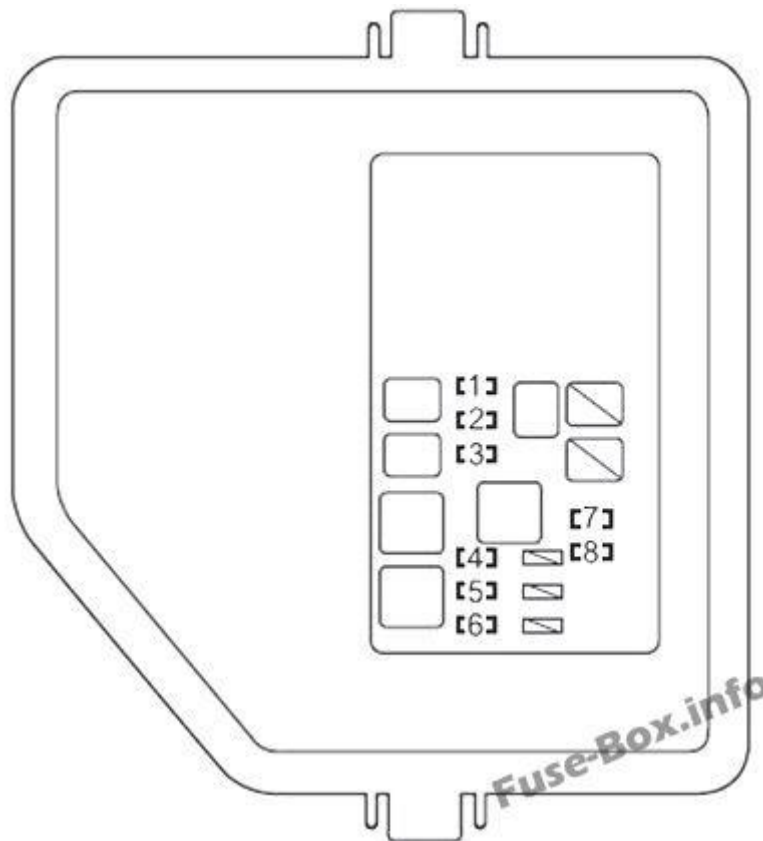
Nº	Name	Ampere rating [A]	Circuit
2	FAN	50	Electric cooling fans
3	H-LP CLN	30	No circuit
4	ENG W/PMP	30	Multiport fuel injection system/sequential multiport fuel injection system
5	PTC HTR NO.2	50	PTC heater
6	PTC HTR NO.1	50	PTC heater
7	HTR	50	Air conditioning system
8	DC/DC	120	Hybrid system
9	ABS NO.1	30	Electronically controlled brake system
10	H-LP-MAIN	30	H-LP LH-LO, H-LP RH-LO, headlight (low beam)
11	ABS MTR NO.2	50	Electronically controlled brake system
12	ABS MTR NO.1	50	Electronically controlled brake system
13	R/B NO.2	50	IGCT-MAIN, INV W/PMP
14	EPS	80	Electric power steering
15	S-HORN	7,5	S-HORN
16	DEICER	15	No circuit
17	HORN	10	Horns

№	Name	Ampere rating [A]	Circuit
18	EFI NO.2	15	Multiport fuel injection system/sequential multiport fuel injection system, electronically controlled brake system
19	EFI NO.3	7,5	Multiport fuel injection system/sequential multiport fuel injection system
20	INJ	7,5	Multiport fuel injection system/sequential multiport fuel injection system
21	ECU-IG2 NO.3	7,5	Multiport fuel injection system/sequential multiport fuel injection system, steering lock system, hybrid system, stop lights, high-mounted stop light
22	IGN	15	Starter system
23	D/L-AM2	20	No circuit
24	IG2-MAIN	25	IGN, INJ, METER-IG2, ECU-IG2 NO.3, A/B, ECU-IG2 NO.2, ECU-IG2 NO.1
25	DC/DC-S	7,5	Hybrid system
26	MAYDAY	5	MAYDAY
27	TURN&HAZ	15	Turn signal lights, emergency flashers, gauge and meters, outside rear view mirrors
28	STRG LOCK	10	Steering lock system
29	AMP	15	Audio system
30	H-LP LH-LO	15	Left-hand headlight (low beam) (Vehicles with discharge headlight low beam)
30	H-LP LH-LO	20	Left-hand headlight (low beam) (Vehicles with halogen headlight low beam)
31	H-LP RH-LO	15	Right-hand headlight (low beam) (Vehicles with discharge headlight low beam)

No	Name	Ampere rating [A]	Circuit
31	H-LP RH-LO	20	Right-hand headlight (low beam) (Vehicles with halogen headlight low beam)
32	MNL H-LP LVL	7,5	No circuit (Vehicles with halogen headlight low beam)
33	EFI-MAIN NO.1	30	Multiport fuel injection system/sequential multiport fuel injection system
34	SMART	5	Smart key system
35	ETCS	10	Electronic throttle control system
36	ABS NO.2	7,5	Electronically controlled brake system
37	EFI NO.1	7,5	Multiport fuel injection system/sequential multiport fuel injection system
38	EFI-MAIN NO.2	20	A/F sensor
39	AM2	7,5	Hybrid system
40	RADIO-B	20	Audio system, navigation system
41	DOME	7,5	Vanity lights, interior lights, personal lights, trunk light, door courtesy lights, illuminated entry system, ambient light
42	ECU-B NO.1	10	Smart key system, gauge and meters, steering sensor, air conditioning system, outside rear view mirror, front power seats, multiplex communication system, starter system

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Additional Fuse Box



Engine Compartment Additional Fuse Box

Nº	Name	Ampere rating [A]	Circuit
1	PM IGCT	7.5	Hybrid system, electronic controlled transmission
2	BATT VL SSR	10	Hybrid system
3	INV	7.5	Hybrid system
4	DC/DC IGCT	10	Hybrid system
5	INV W/PMP RLY	7.5	Hybrid system
6	BATT FAN	7.5	Battery cooling fan
7	INV W/PMP	15	Hybrid system
8	IGCT-MAIN	25	DC/DC IGCT, INV, BATT VL SSR, PM IGCT, INV W/PMP RLY, BATT FAN