

Toyota ist / Urban Cruiser / Scion xD (2008-2016) fuses and relays

*In this article, we consider the second-generation Toyota ist / Toyota Urban Cruiser / Scion xD (XP110), produced from 2007 to 2016. Here you will find fuse box diagrams of **Toyota ist (Toyota Urban Cruiser / Scion xD) 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015 and 2016**, 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 ist / Urban Cruiser / Scion xD 2008-2016



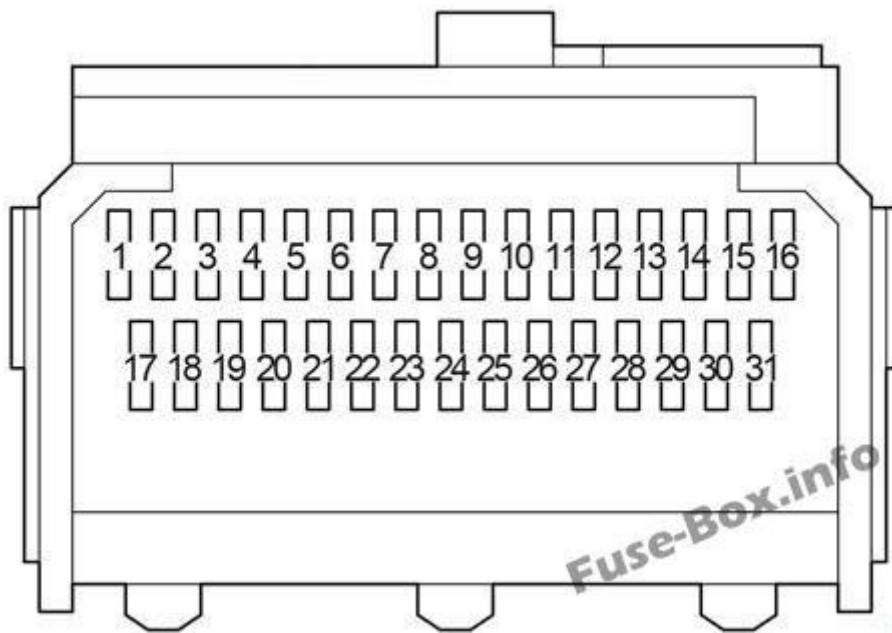
Cigar lighter (power outlet) fuse in the Toyota ist is the fuse #8 “CIG” in the Instrument panel fuse box.

Passenger Compartment Fuse Box

Fuse box location

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

Fuse box diagram



Assignment of the fuses in the Passenger Compartment

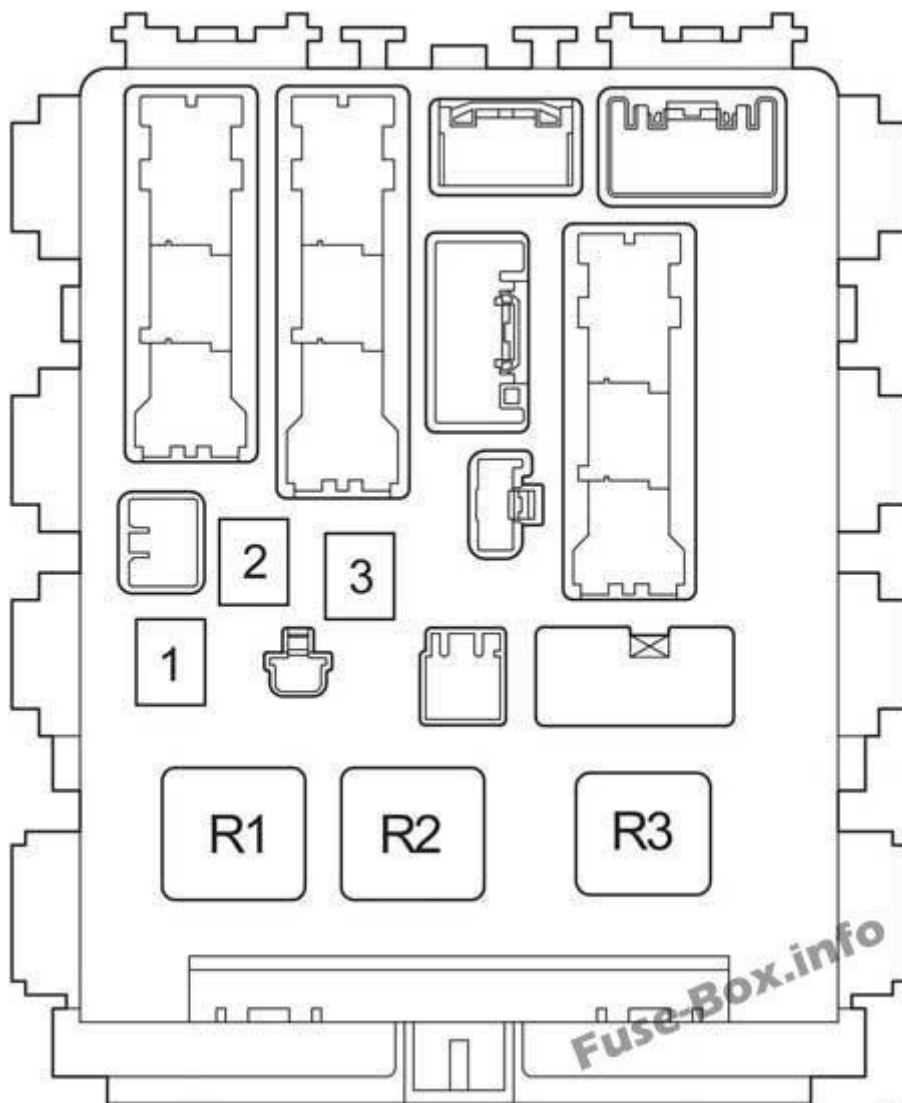
NO.	Name	Amp	Circuit
1	TAIL	10	with DRL: Front position lights, tail lights, license plate lights, manual headlight leveling dial, multi-port fuel injection system/sequential multiport fuel injection system, instrument cluster lights
1	PANEL2	7.5	without DRL: Front position lights, tail lights, license plate lights, manual headlight leveling dial, multi-port fuel injection system/sequential multiport fuel injection system, instrument cluster lights
2	PANEL1	7.5	Switch illuminations, instrument cluster lights, steering switches, Stop & Start system, gauges and meters
3	A/C	7.5	Air conditioning system, rear window defogger, power heater
4	D DOOR	20	Power windows
5	RL DOOR	20	Power windows (rear left)
6	RR DOOR	20	Power windows (rear right)
7	-	-	-

NO.	Name	Amp	Circuit
8	CIG	15	Power outlet (cigarette lighter)
9	ACC	7.5	Power door lock system, outside rear view mirrors, audio system, clock
10	-	-	-
11	ID/UP / MIR HTR	10	Outside rear view mirror defoggers
12	-	-	-
13	AM1 No2	7.5	-
14	RR FOG	7.5	Rear fog lights
15	IGN	7.5	Multi-port fuel injection system/sequential multi-port fuel injection system, SRS airbag system, smart entry & start system, Stop & Start system
16	MET	7.5	Gauges and meters
17	P S-HTR	15	Seat heater
18	D S-HTR	15	Seat heater
19	WIP	20	Windshield wipers
20	RR WIP	15	Rear window wiper
21	WSH	15	Windshield washers, rear window washer
22	ECU-IG	10	Daytime running light system, ABS, electric power steering, power windows, power door lock system, VSC, Active Torque Control 4WD system, smart entry & start system, Stop & Start system, electric cooling fan

NO.	Name	Amp	Circuit
23	GAUGE	10	Charging system, turn signal lights, emergency flashers, back-up lights, air conditioning system, rear window defogger, gauges and meters
24	OBD2	7.5	On-board diagnosis system
25	STOP	10	Stop lights, high mounted stoplight, multi-port fuel injection system/sequential multi-port fuel injection system, ABS, VSC, shift lock system
26	-	-	-
27	D/L	25	Power door lock system, double locking system
28	FR FOG	15	Front fog lights
29	4WD	7.5	Active Torque Control 4WD system
30	TAIL	10	without DRL: Front position lights, tail lights, license plate lights, manual headlight leveling dial, multi-port fuel injection system/sequential multiport fuel injection system, instrument cluster lights
31	AM1	25	Multi-port fuel injection system/sequential multi-port fuel injection system, "ACC", "CIG" fuses

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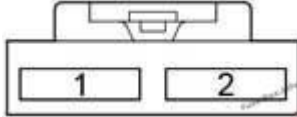
Front side



Nº	Name	Amp	Circuit
1	PWR	30	Power windows
2	DEF	30	Rear window defogger
3	-	-	-
Relay			
R1			Ignition (IG1)
R2			Heater (HTR)

No	Name	Amp	Circuit
R3			LHD: Flasher

Additional Fuse Box

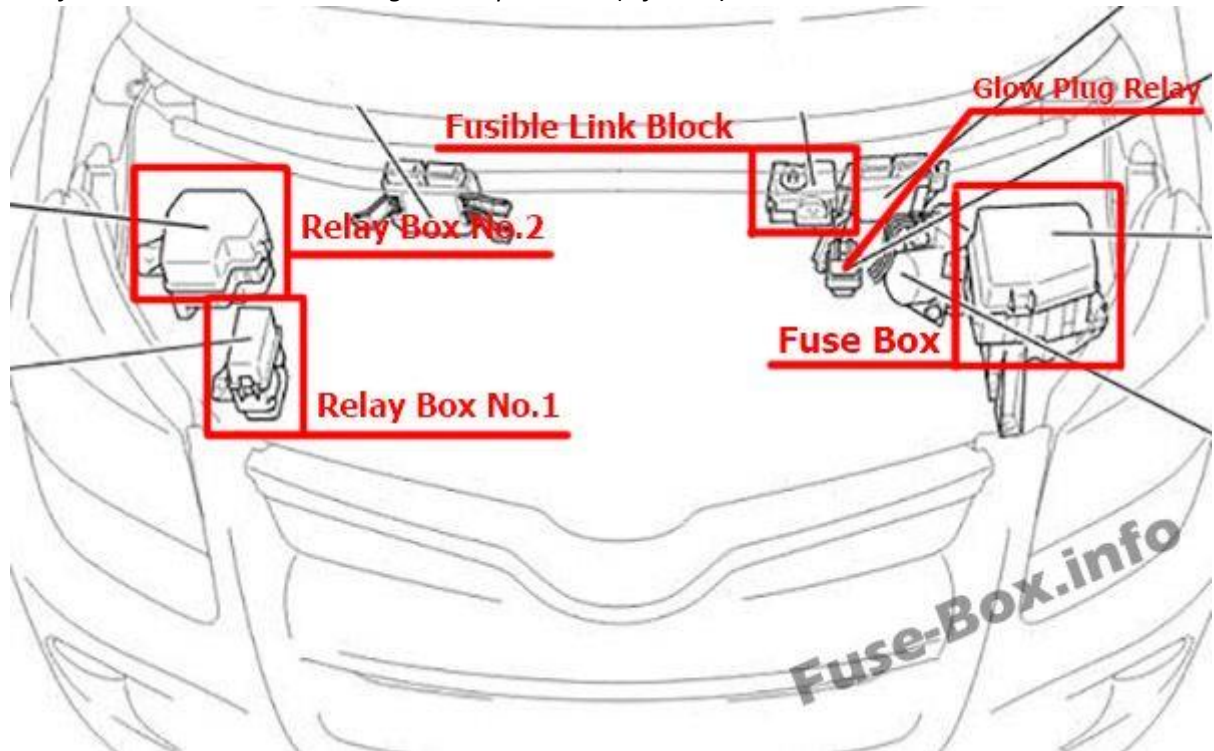


No	Name	Amp	Circuit
1	AM2 NO.2	7.5	Back door opener, charging, door lock control, double locking, engine control, engine immobiliser system, entry & start system, ignition, illumination, interior light, light reminder, power window, seat belt warning, starting, steering lock, stop & start system, tail light, theft deterrent, wireless door lock control
1	WIP-S	7.5	1ND-TV: Power management
2	AM2 NO.2	7.5	Back door opener, charging, door lock control, double locking, engine control, engine immobiliser system, entry & start system, ignition, illumination, interior light, light reminder, power window, seat belt warning, starting, steering lock, stop & start system, tail light, theft deterrent, wireless door lock control
2	WIP-S	7.5	1ND-TV: Power management

Fuse Box in the Engine Compartment

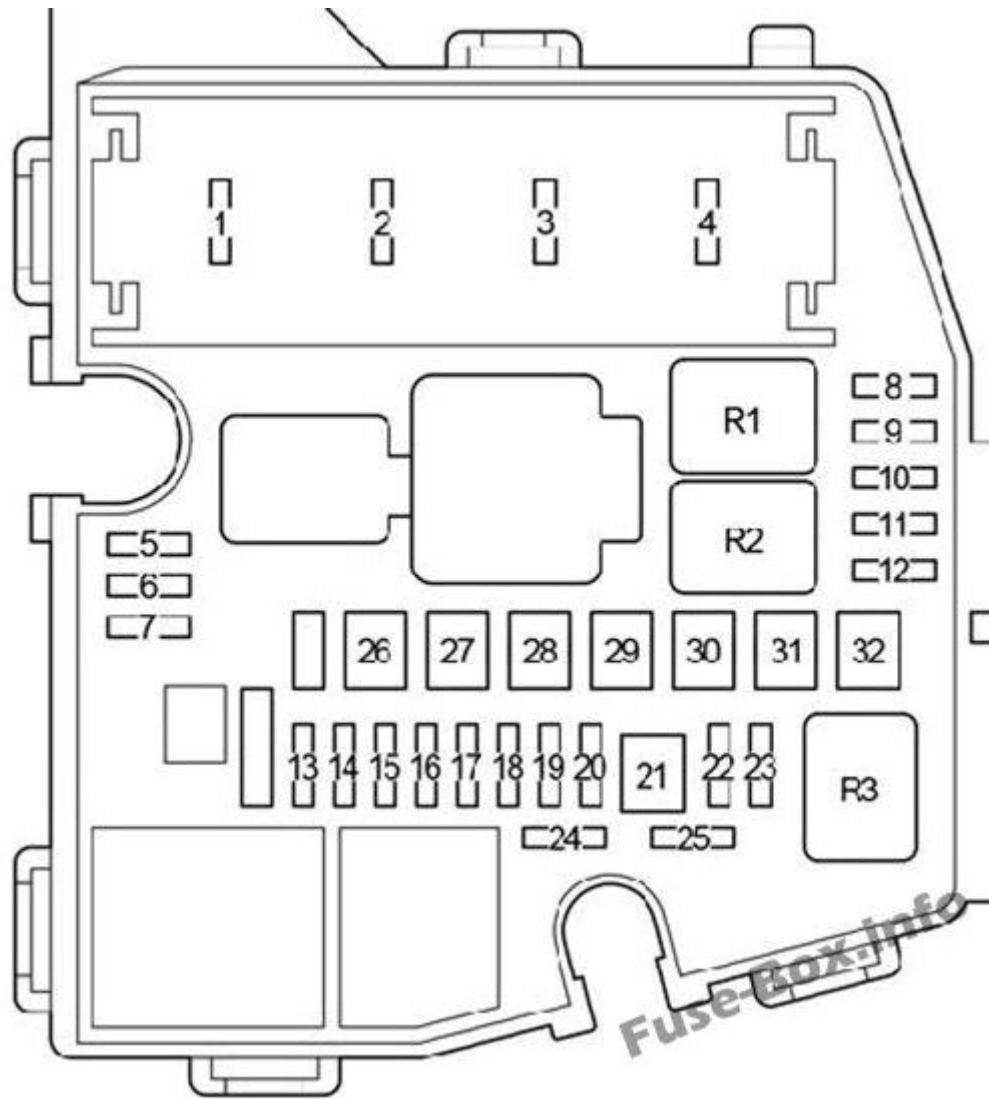
Fuse box location

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



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Fuse box diagram



Assignment of the fuses in the Engine Compartment

Nº	Name	Amp	Circuit
1	-	-	-
2	AM2	15	Starting system, multi-port fuel injection system/sequential multiport fuel injection system, Stop & Start system, smart entry & start system
3	HORN	10	Horn
4	EFI	20	1NR-FE, 2ZR-FE: Multiport fuel injection system/sequential multiport fuel injection system
4	ECD	30	1ND-TV: Multiport fuel injection system/sequential multiport fuel injection system

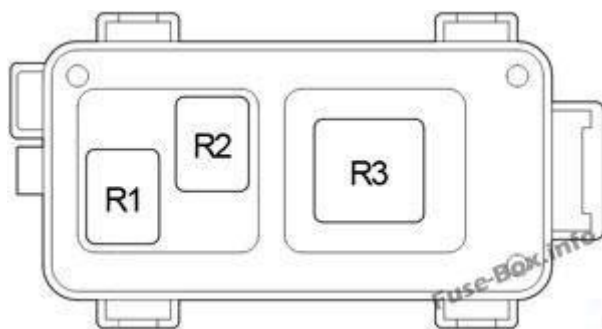
№	Name	Amp	Circuit
5	-	30	Spare fuse
6	-	10	Spare fuse
7	-	15	Spare fuse
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	ABS2/VSC2	30	Anti-lock brake system, vehicle stability control system
13	H-LP MAIN	30	with DRL: "H-LP LH/H-LP LO LH", "H-LP LH/H-LP LO LH", "H-LP HI LH", "H-LP HI RH" fuses
14	ST	30	Starting system
15	S-LOCK	20	Smart entry & start system
16	DOME	15	Interior light, personal lights, luggage compartment light, smart entry & start system, wireless remote control, audio system
17	ECU-B	7.5	Daytime running light system, power windows, power door lock system, smart entry & start system, gauges and meters, air conditioning system, VSC, Active Torque Control 4YVD system, Stop & Start system
18	ALT-S	7.5	1NR-FE, 2ZR-FE: Charging system
18	F/PMP	30	1ND-TV: Multiport fuel injection system/sequential multiport fuel injection system
19	ETCS	10	Multiport fuel injection system/sequential multiport fuel injection system

№	Name	Amp	Circuit
20	HAZ	10	Turn signal lights, emergency flashers
21	AMT	50	without Stop & Start System: Multi-mode manual transmission
21	BBC	40	Stop & Start system
22	H-LP RH / H-LP LO RH	10	Right-hand headlight
23	H-LP LH / H-LP LO LH	10	Left-hand headlight
24	EFI2	10	1NR-FE, 2ZR-FE: Multiport fuel injection system/sequential multiport fuel injection system
24	ECD2	10	1ND-TV: Multiport fuel injection system/sequential multiport fuel injection system
25	ECD3	7.5	1ND-TV: Multiport fuel injection system/sequential multiport fuel injection system
26	HTR SUB2	40	435W Type: PTC heater
26	HTR SUB1	50	600W Type: PTC heater
27	EPS	50	Electric power steering
28	ABS1/VSC1	50	Anti-lock brake system, vehicle stability control system
29	HTR	40	Air conditioning system
30	RDI	30	Electric cooling fan
31	HTR SUB1	30	435W Type: PTC heater
31	HTR SUB2	30	600W Type: PTC heater

No	Name	Amp	Circuit
32	H-LP CLN / PWR HTR	30	Power heater, headlight cleaner
32	HTR SUB3	30	600W Type: PTC heater
Relay			
R1			Starter (ST)
R2			Electric cooling fan (FAN No.2)
R3			PTC heater (HTR SUB1) 1ND-TV + 4WD: (ECD No.2)
			1NR-FE - Gasoline 1.3L 2ZR-FE - Gasoline 1.8L 1ND-TV - Diesel 1.4L

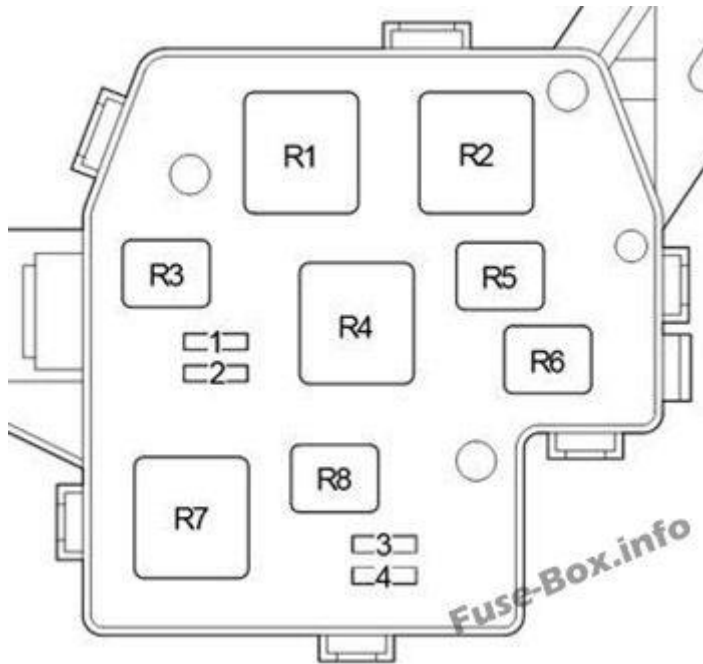
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Relay Box #1 (without DRL)



No	Relay
R1	PTC heater (HTR SUB3 / TRK)
R2	PTC heater (HTR SUB2)
R3	Headlight / Multi-mode manual transmission / PTC heater (H-LP/AMT/HTR SUB1)

Relay Box No.2 (with DRL)



No	Name	Amp	Circuit
1	ATF PMP	10	-
2	HTR W/P	10	-
3	H-LP HI RH	10	Headlight
4	H-LP HI LH	10	Headlight
Relay			
R1			Dimmer (DIM)
R2			-
R3			-
R4			Headlight (H-LP)
R5			PTC heater (HTR SUB3)
R6			PTC heater (HTR SUB2)

№	Name	Amp	Circuit
R7			PTC heater (HTR SUB1)
R8			-

Fusible Link Block

№	Name	Amp	Circuit
1	GLOW DC/DC	80	1ND-TV: Multiport fuel injection system/ sequential multiport fuel injection system
2	MAIN	60	"EFT", "HORN", "AM2", "ALT-S", "DOME", "ST", "ECU-B", "ETCS", "HAZ", "H-LP LH/H-LP LO LH" and "H-LP RH/H-LP LO RH" fuses
3	ALT	120	Charging system, "HTR SUB2", "EPS", "ABS1/VSC1", "HTR", "ABS2/VSC2", "HTR SUB1", "RDI", "DEF", "FR FOG", "OBD2", "D/L", "POWER", "RR DOOR", "RL DOOR", "STOP" and "AM1" fuses