

Toyota Vitz 2005-2012 (XP90) Fuse Diagrams

Fuse box diagram (fuse layout), location, and assignment of fuses and relays Toyota Yaris, Vitz, Belta and Vios (XP90) (2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012).



Checking and Replacing Fuses

The fuses are designed to blow before the entire wiring harness is damaged. If any of the electrical components do not operate, a fuse may have blown. If this happens, check and replace the fuses as necessary.

- Turn the engine switch off (with a smart key system – turn the “ENGINE START STOP” switch off) and turn off all electrical accessories.
- Open the fuse box cover.
- See diagrams below for details about which fuse to check.
- Remove the fuse.

- Check if the fuse is blown – if the thin wire inside is broken, the fuse has blown.
- Replace the blown fuse with a new fuse of an appropriate amperage rating.

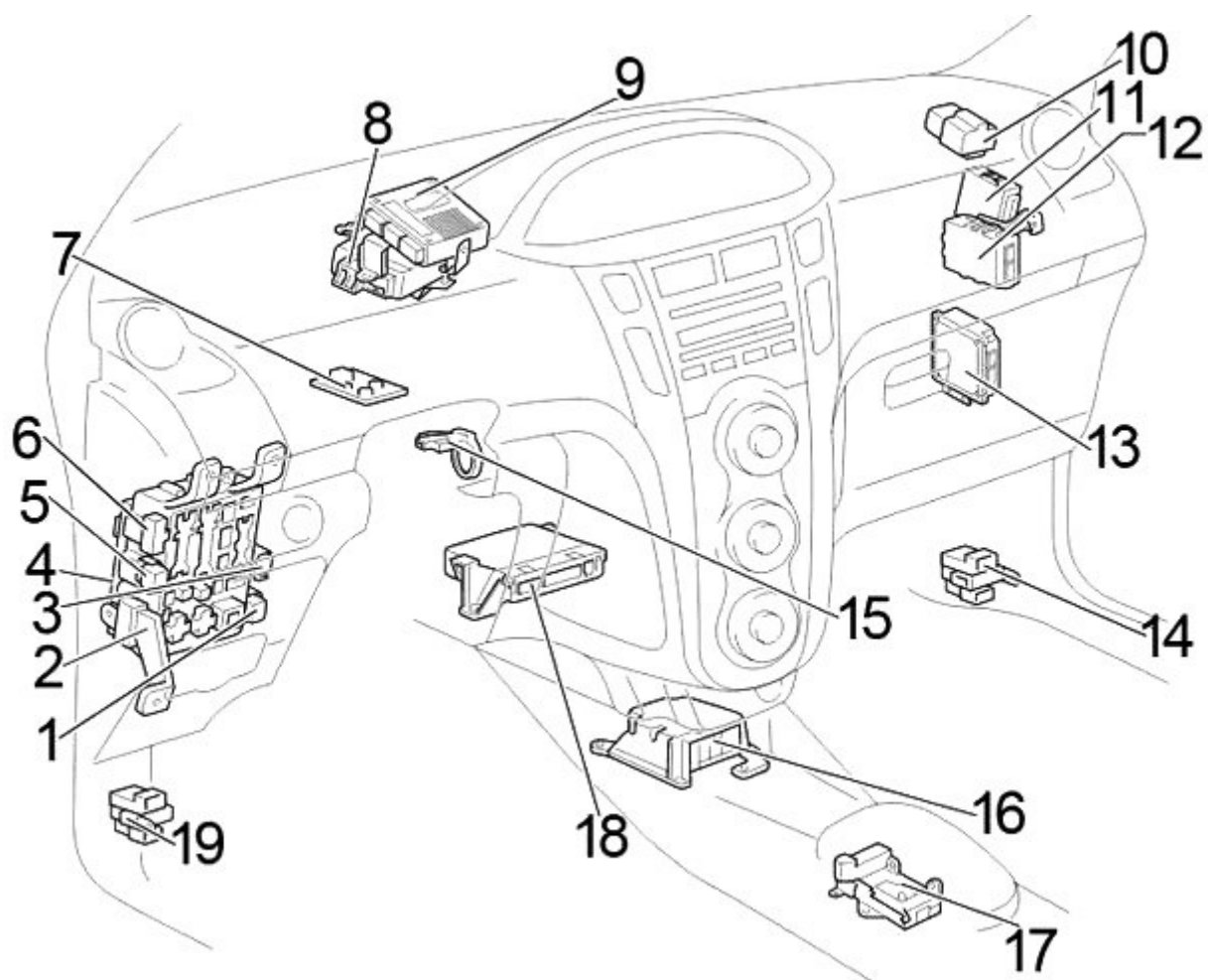
Notice

- Never use a fuse of a higher amperage rating than that indicated, or use any other object in place of a fuse, even as a temporary fix. This can cause extensive damage or even fire.
- Always use a genuine Toyota fuse or equivalent.
- Do not modify the fuses or fuse boxes.
- If the replaced fuse blows again, have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

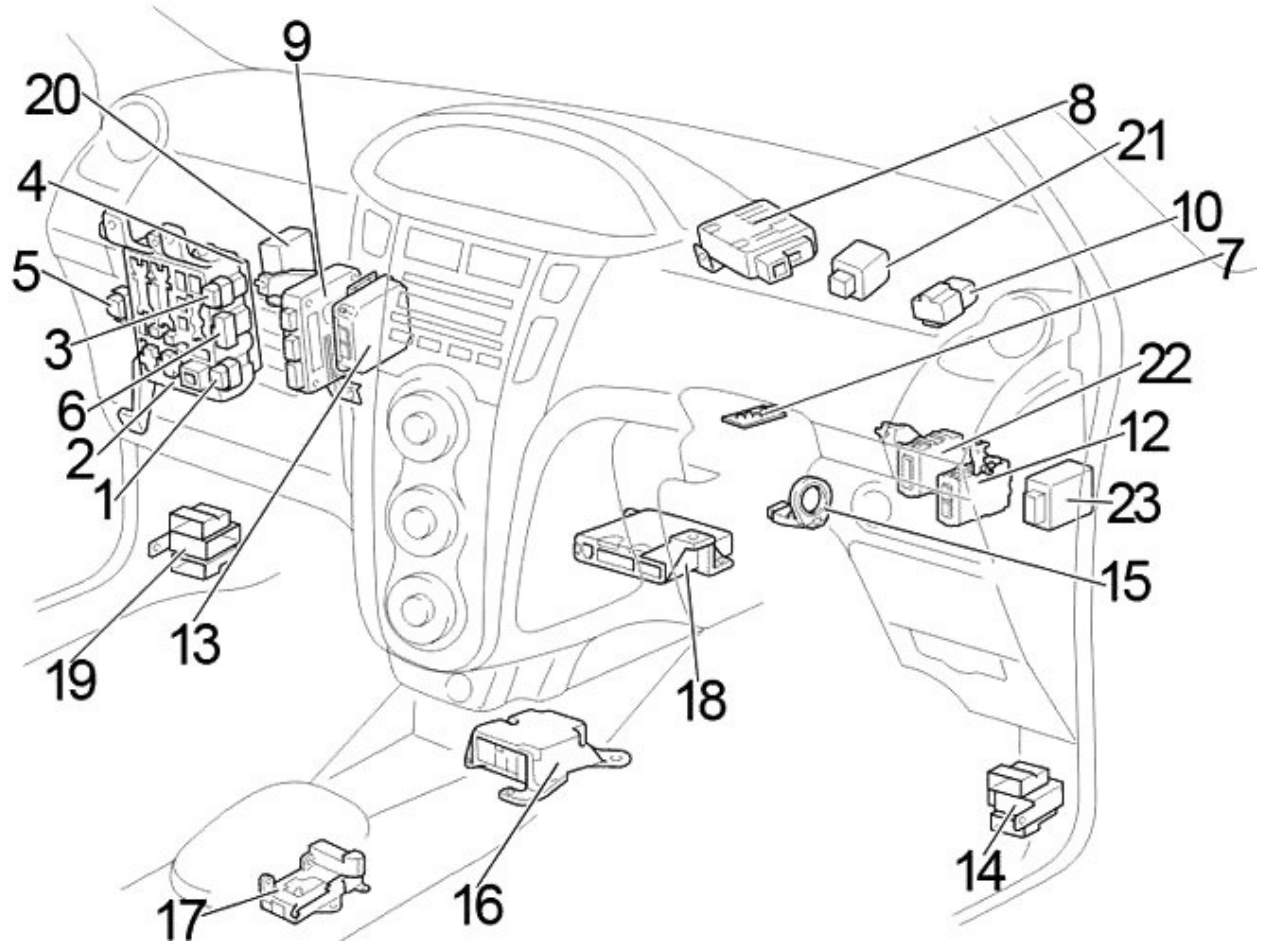
Passenger Compartment

Hatchback

Left-hand drive



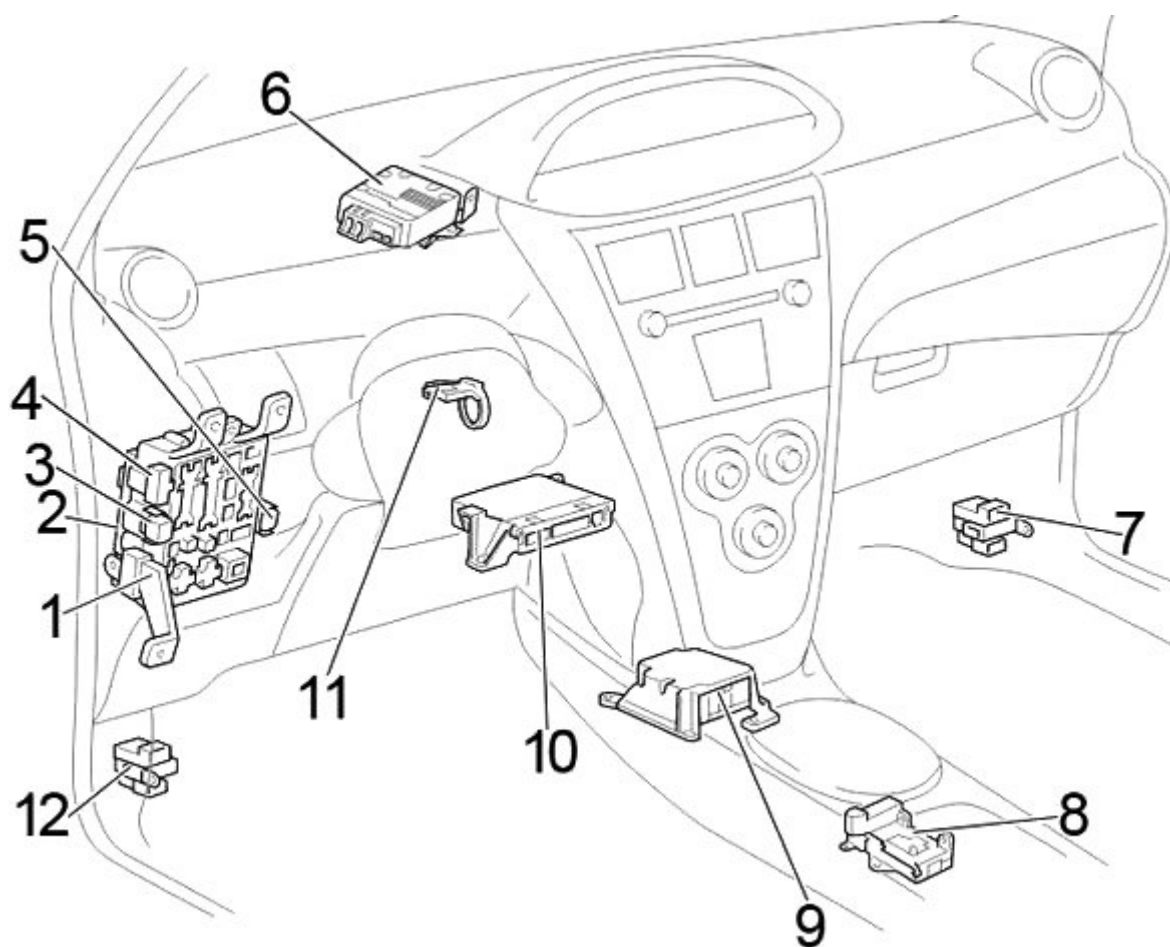
Right-hand drive



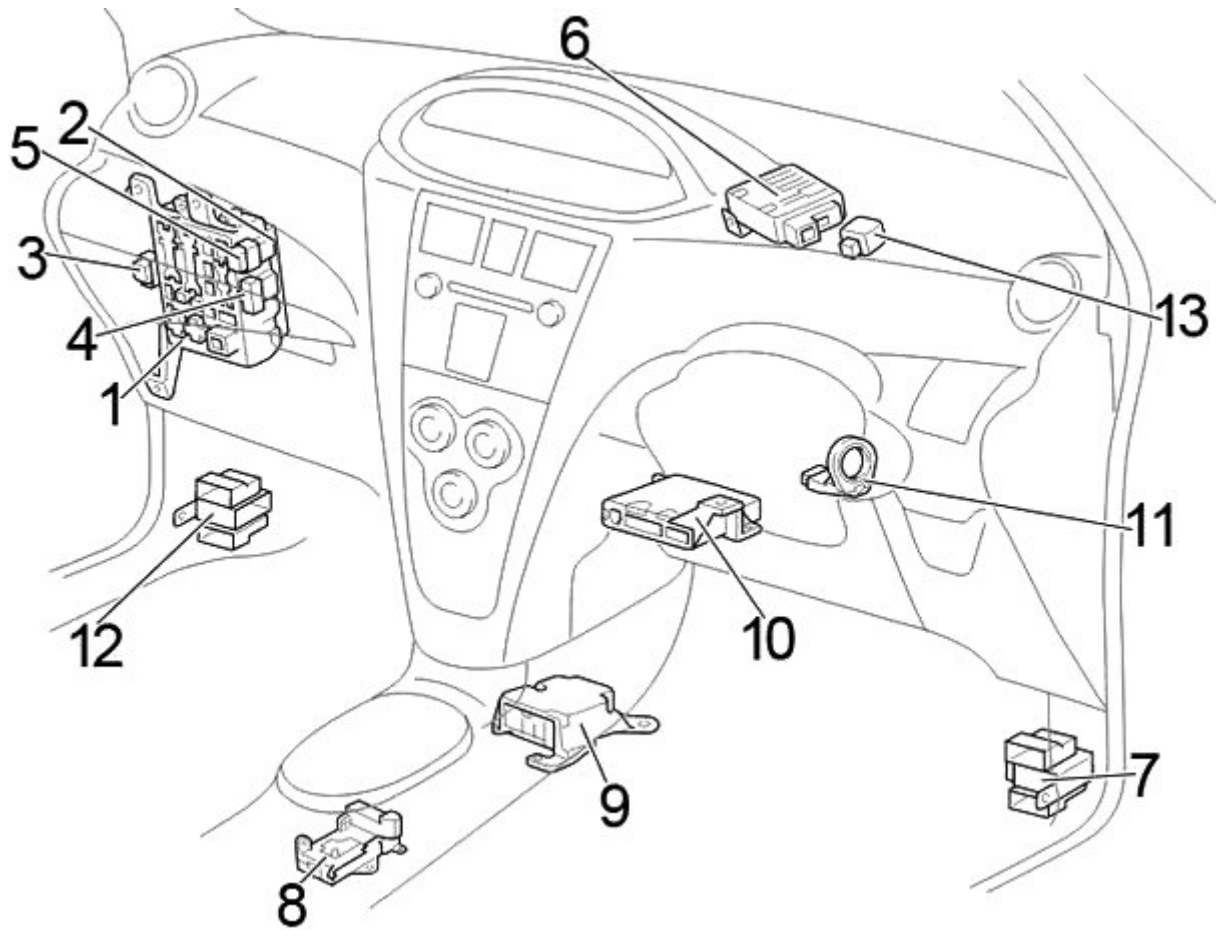
1. Rear Fog Light Relay
2. Fuse Box
3. Front Fog Light Relay
4. Main Body ECU
5. with Entry & Start System: Accessory Relay (ACC)
without Entry & Start System: Accessory Relay (ACC Cut)
6. Additional Fuse Box
7. Steering Lock ECU
8. Power Steering ECU
9. Multi-mode Manual Transmission ECU
10. Starter Relay (ST CUT)
11. LHD: Running Light Relay
12. Power Management Control ECU
13. Engine Stop and Start ECU
14. Junction Block
15. Transponder Key Amplifier
16. Airbag Sensor Assembly Center
17. Shift Lock Control ECU

- 18. A/C Amplifier
- 19. Junction Block
- 20. RHD: Theft Warning ECU
- 21. RHD: Turn Signal Flasher
- 22. RHD: Theft Warning ECU (TMC Made From Aug. 2008)
- 23. RHD: Double Door Lock ECU

Sedan
Left-hand drive

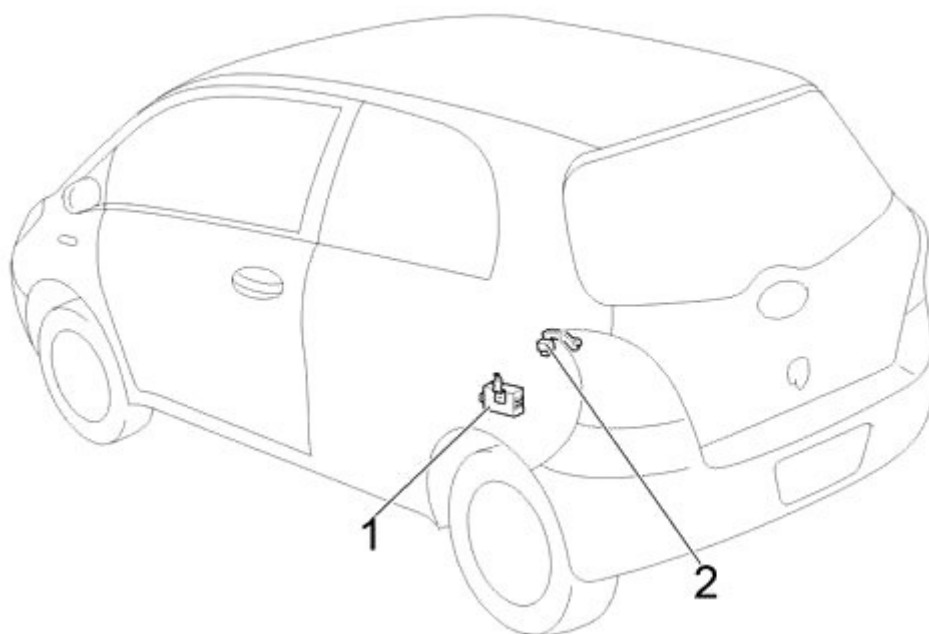


Right-hand drive

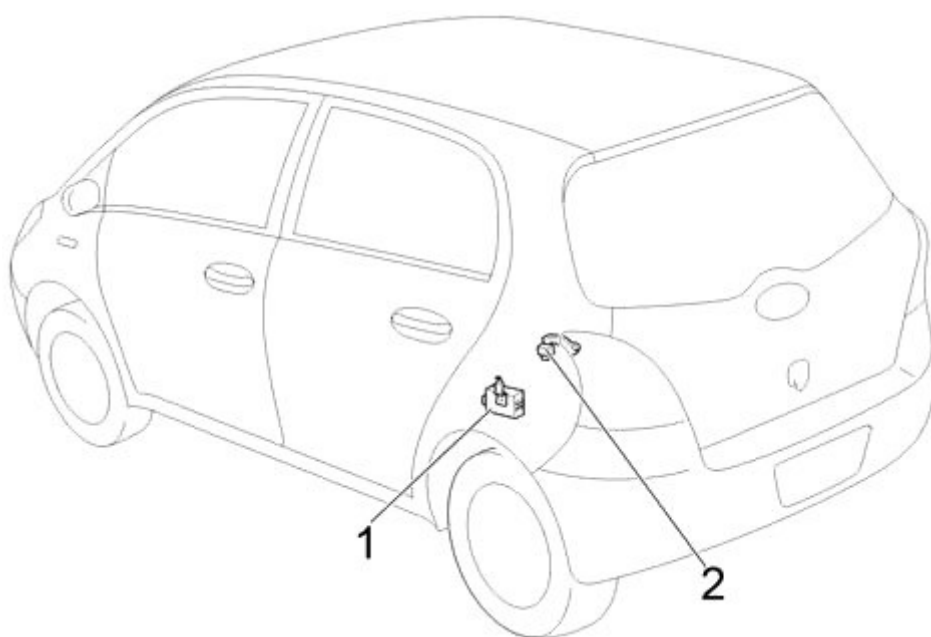


1. Fuse Box
2. Main Body ECU
3. Accessory Relay (ACC)
4. Additional Fuse Box
5. Front Fog Light Relay
6. Power Steering ECU
7. Junction Block
8. Shift Lock Control ECU
9. Airbag Sensor Assembly Center
10. A/C Amplifier
11. Transponder Key Amplifier
12. Junction Block
13. RHD: Turn Signal Flasher

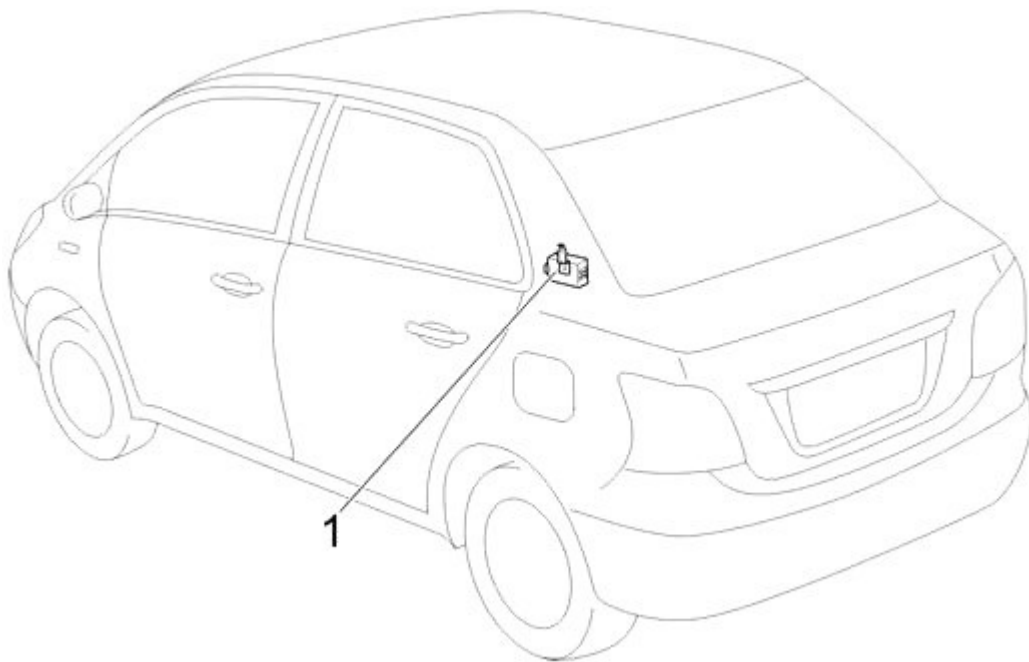
3-Door



5-Door



Sedan

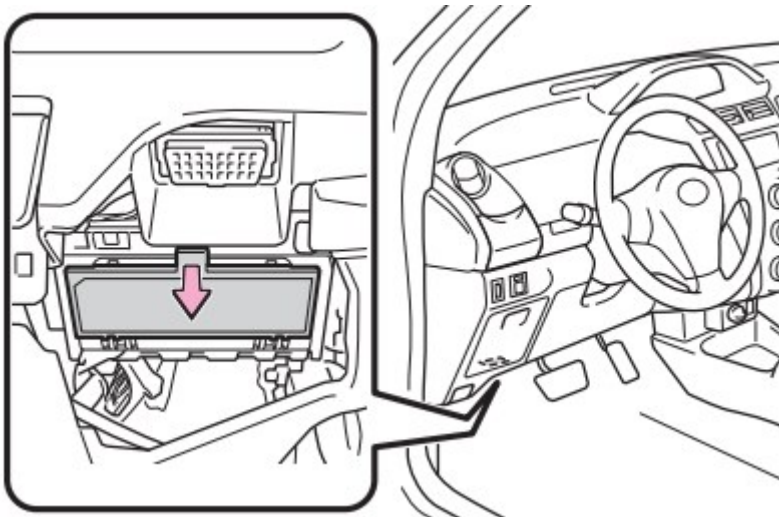


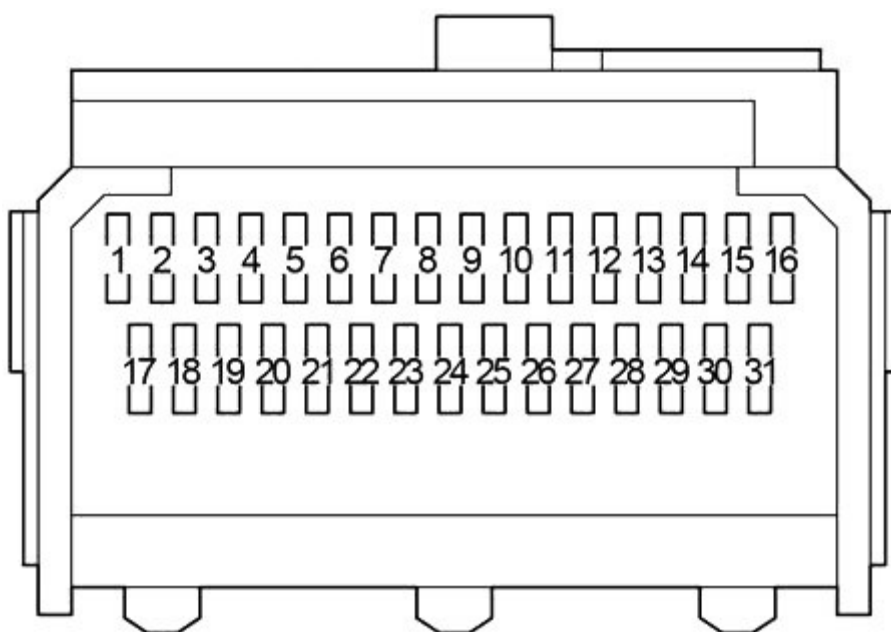
1. Door Control Receiver
2. Stop Lamp Relay

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Passenger Compartment Fuse Box Diagram

The fuse panel is located under the left side of the dashboard. Remove the lid.



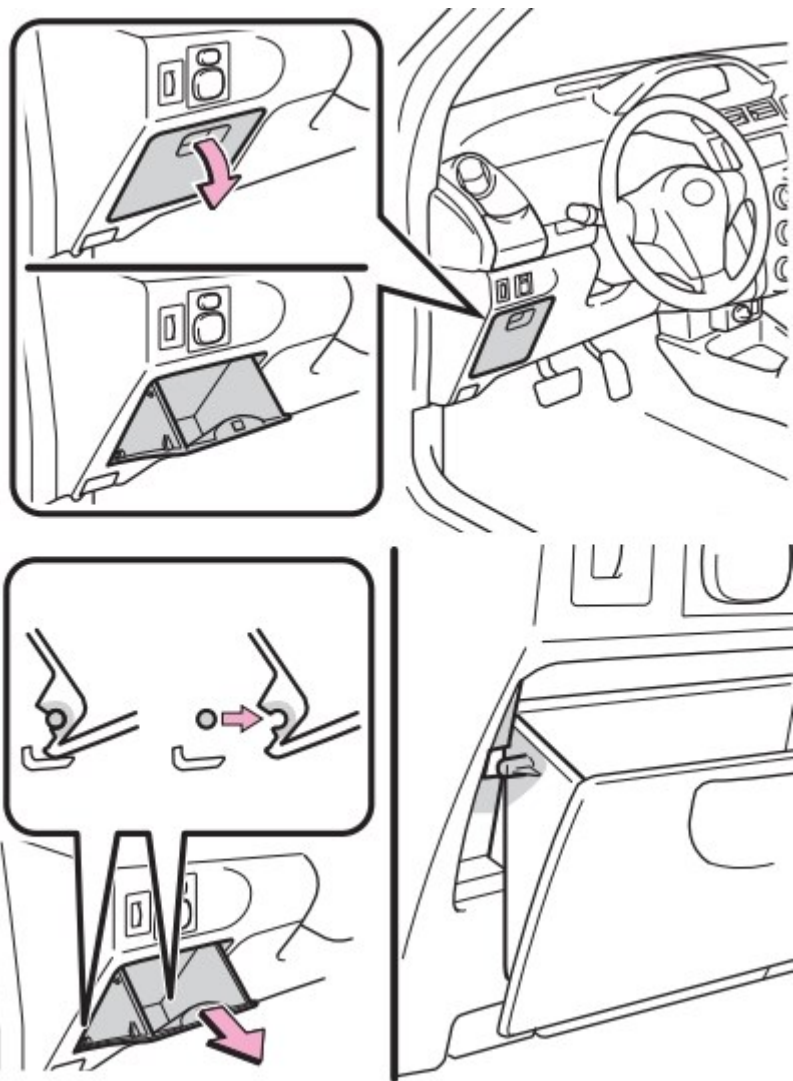


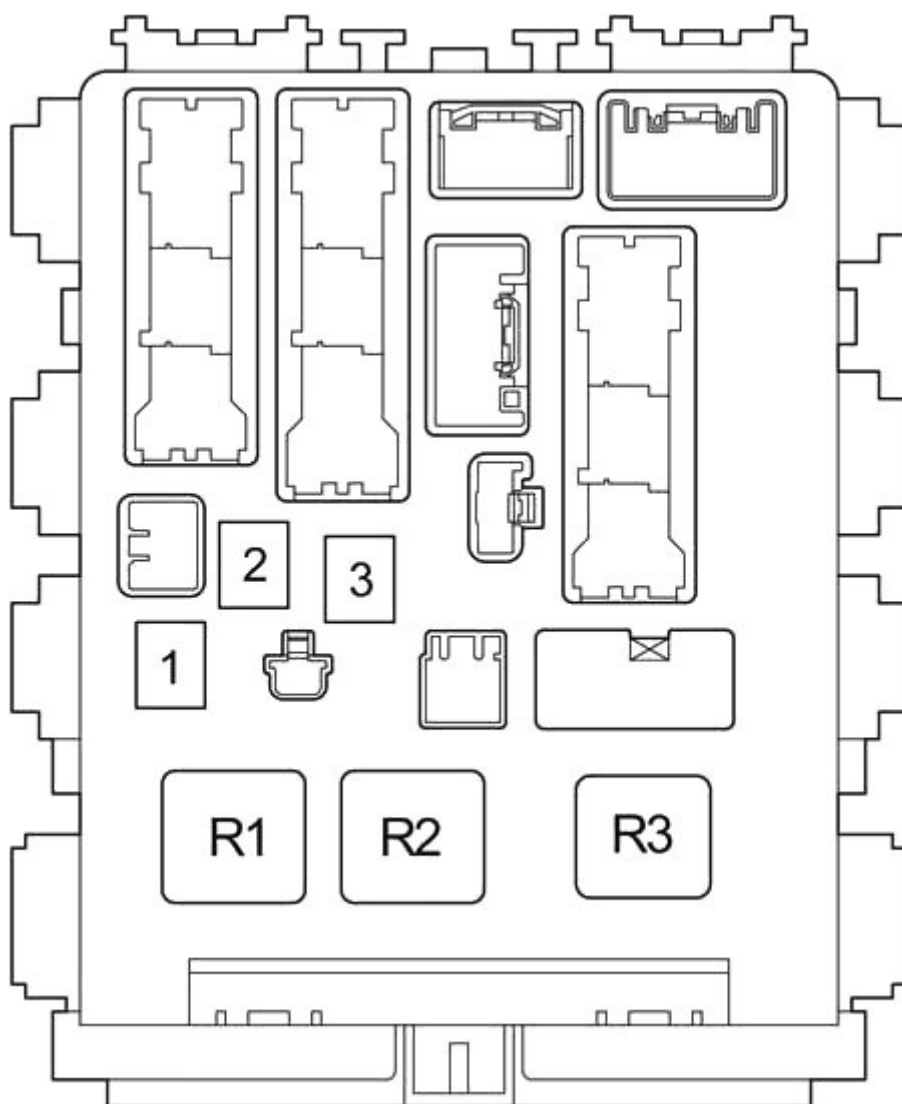
Nº	Fuse	A	Circuit
1	TAIL	10	Side marker lights, parking lights tail lights, license plate lights, multiport fuel injection system/sequential multiport fuel injection system
	PANEL2	7.5	Engine immobiliser system, entry & start system, front fog light, illumination, light reminder, multi-mode manual transmission, rear fog light, starting, steering lock, taillight, wireless door lock control
2	PANEL1	7.5	Illuminations, instrument panel light control, meter and gauge
3	A/C	7.5	Rear window defogger, air conditioning system
4	D DOOR	20	Power window
5	RL DOOR	20	Rear passenger's power window (left side)
6	RR DOOR	20	Rear passenger's power window (right side)
7	-	-	-
8	CIG	15	Power outlet

Nº	Fuse	A	Circuit
9	ACC	7.5	Door lock system, outside rear view mirrors, audio system
10	-	-	-
11	ID/UP /MIR HTR	10	Multiport fuel injection system/sequential multiport fuel injection system
12	-	-	
13	-	-	
14	RR FOG	7.5	Rear fog lights
15	IGN	7.5	Multiport fuel injection system/sequential multiport fuel injection system, engine immobilizer system, SRS airbag system, front passenger occupant classification system
16	MET	7.5	Meter and gauge
17	P S-HTR	15	Seat heater
18	D S-HTR	15	Seat heater
19	WIP	20	Windshield wiper
		25	Windshield wiper
20	RR WIP	15	Rear wiper
21	WSH	15	Windshield washer
22	ECU-IG	10	Daytime running light system, antilock brake system, electric power steering system, power windows, door lock system, theft deterrent system, electric cooling fan
23	GAUGE	10	Charging system, turn signal lights, emergency flashers, buck-up lights, instrument panel light control, shift lock system, rear window defogger, air conditioning system, automatic transmission system

Nº	Fuse	A	Circuit
24	OBD2	7.5	On-board diagnosis system
25	STOP	10	Stop lights, high mounted stoplight, multiport fuel injection system/sequential multiport fuel injection system, shift lock system, antilock brake system
26	-	-	-
27	D/L	25	Door lock system
28	FR FOG	15	Front fog lights
29	-	-	-
30	TAIL	10	Side marker lights, parking lights tail lights, license plate lights, multiport fuel injection system/sequential multiport fuel injection system
31	AM1	25	Multiport fuel injection system/sequential multiport fuel injection system

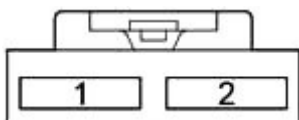
Open the auxiliary box. Pull up the box, and disengage the claws. Remove the stoppers from the cutouts and remove the box.





Nº	Fuse	A	Circuit
1	PWR	30	Power windows
2	DEF	30	Rear window defogger
3	-	-	-
Relay			
R1	Ignition (IG1)		
R2	Heater (HTR)		
R3	Flasher		

Additional Fuse Box



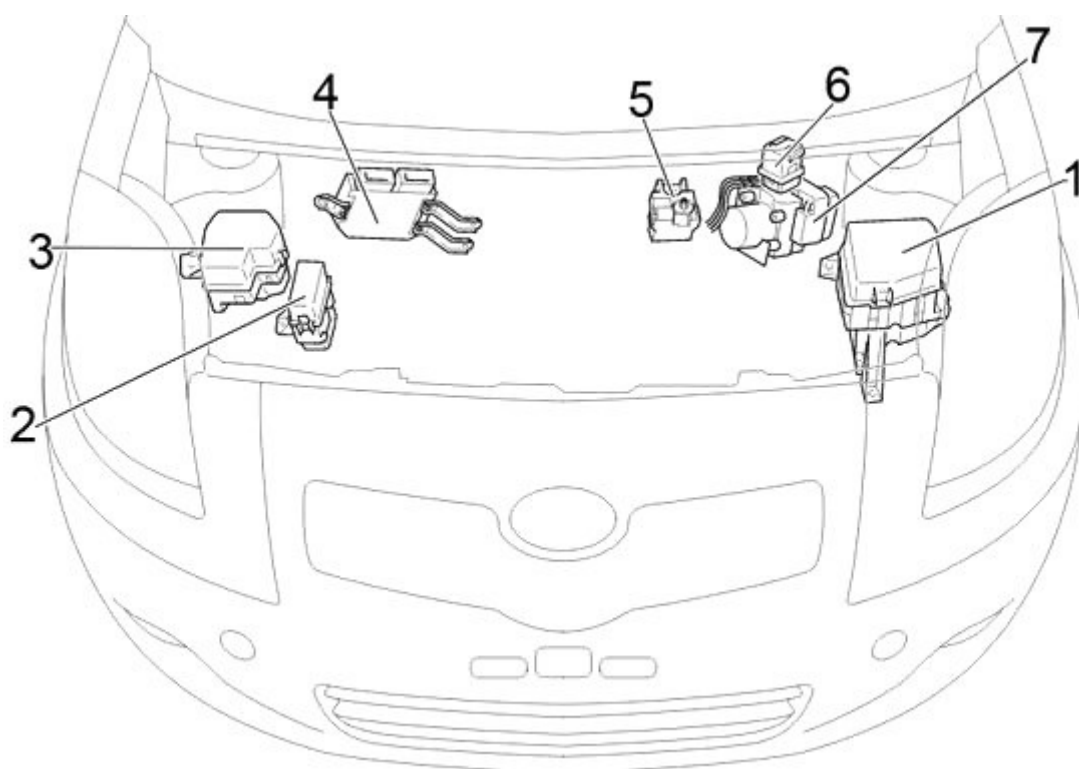
Nº	Fuse	A	Circuit
1	ACC2	7.5	Shift lock system
	AM2 Nº2	7.5	Charging, door lock control, double locking, engine control, engine immobiliser system, entry & start system, ignition, interior light, light reminder, power window, seat belt warning, starting, steering lock, wireless door lock control
	WIP-S	7.5	Charging system
2	ACC2	7.5	Shift lock system
	AM2 Nº2	7.5	Charging, door lock control, double locking, engine control, engine immobiliser system, entry & start system, ignition, interior light, light reminder, power window, seat belt warning, starting, steering lock, wireless door lock control
	WIP-S	7.5	Charging system

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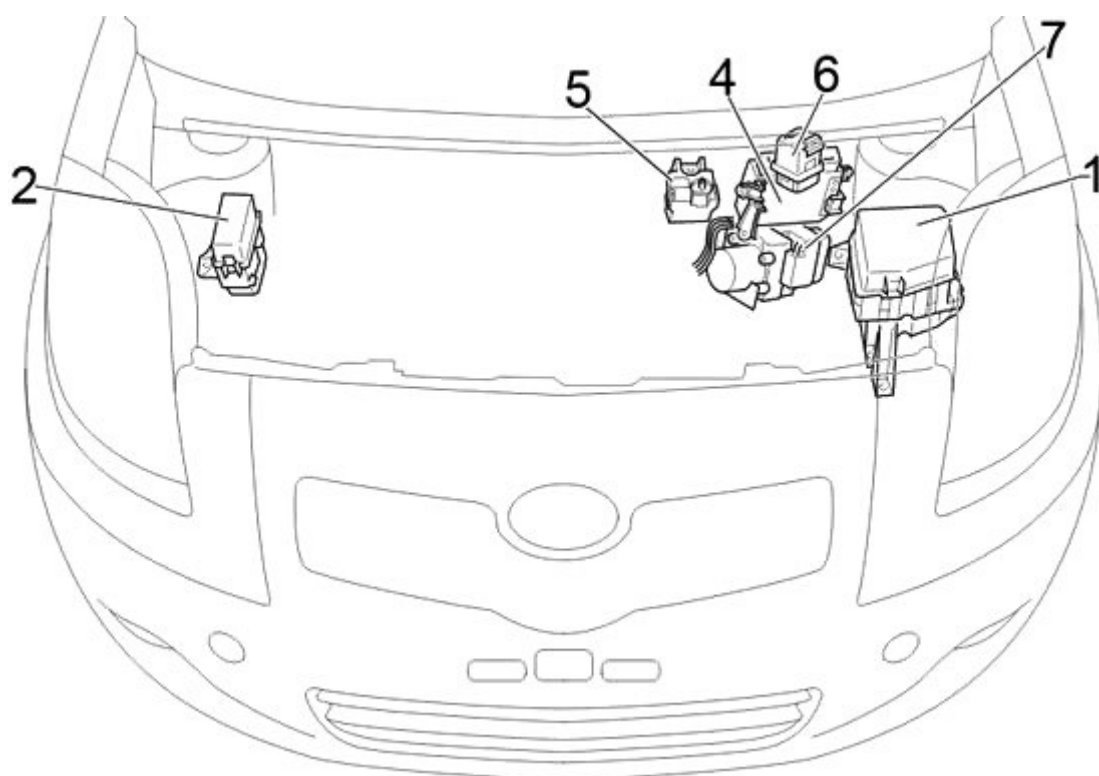
Engine Compartment

Hatchback

Left-hand drive



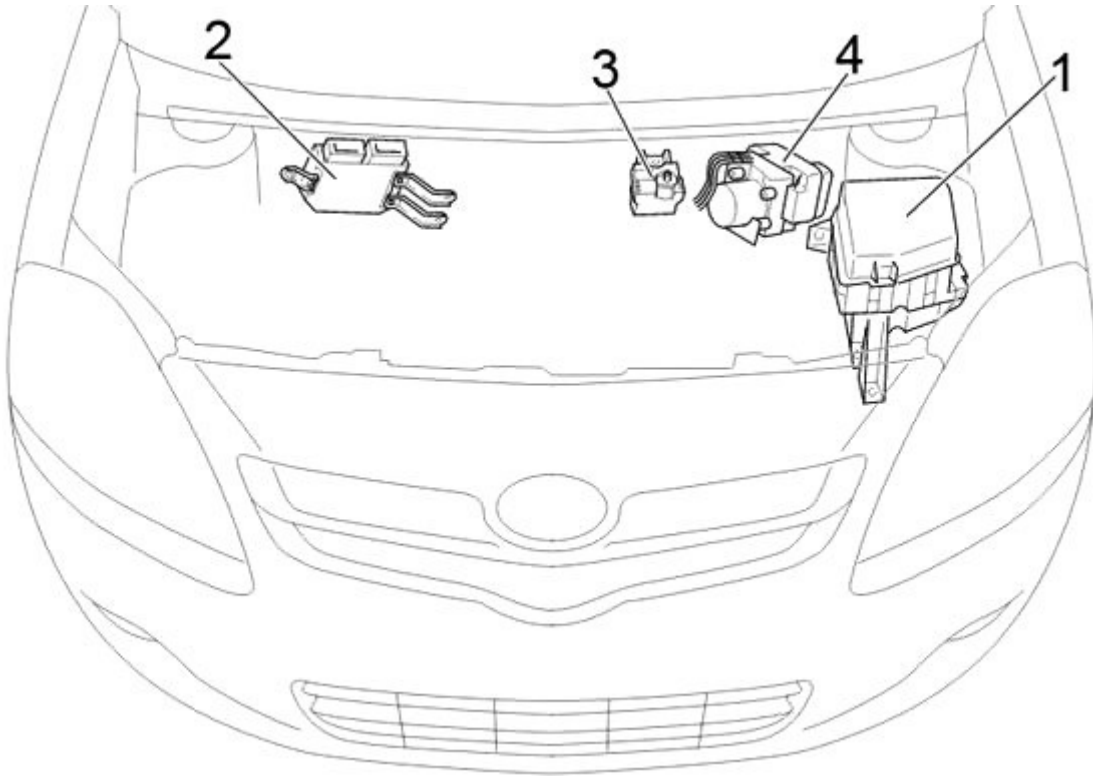
Right-hand drive



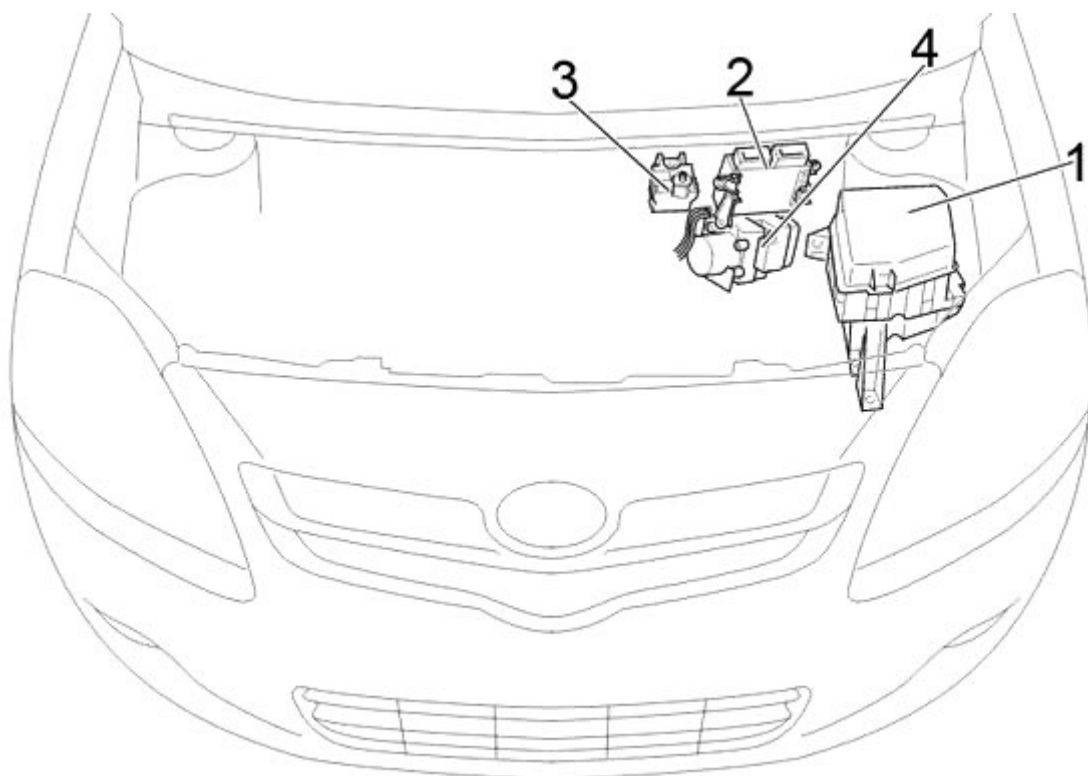
1. Fuse Box
2. without Daytime Running Light: Relay Box
3. with Daytime Running Light: Relay Box №2
4. Engine ECU
5. Fusible Link Block

- 6. Glow Plug Relay
- 7. Skid Control ECU with Actuator

Sedan
Left-hand drive



Right-hand drive

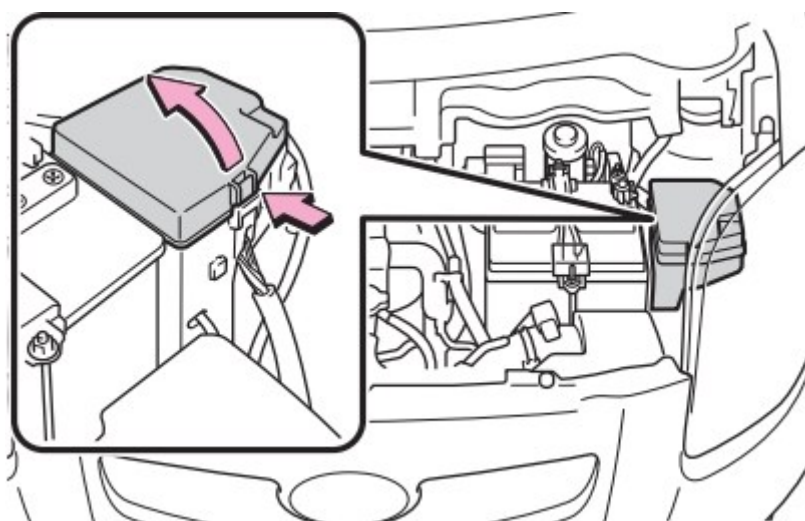


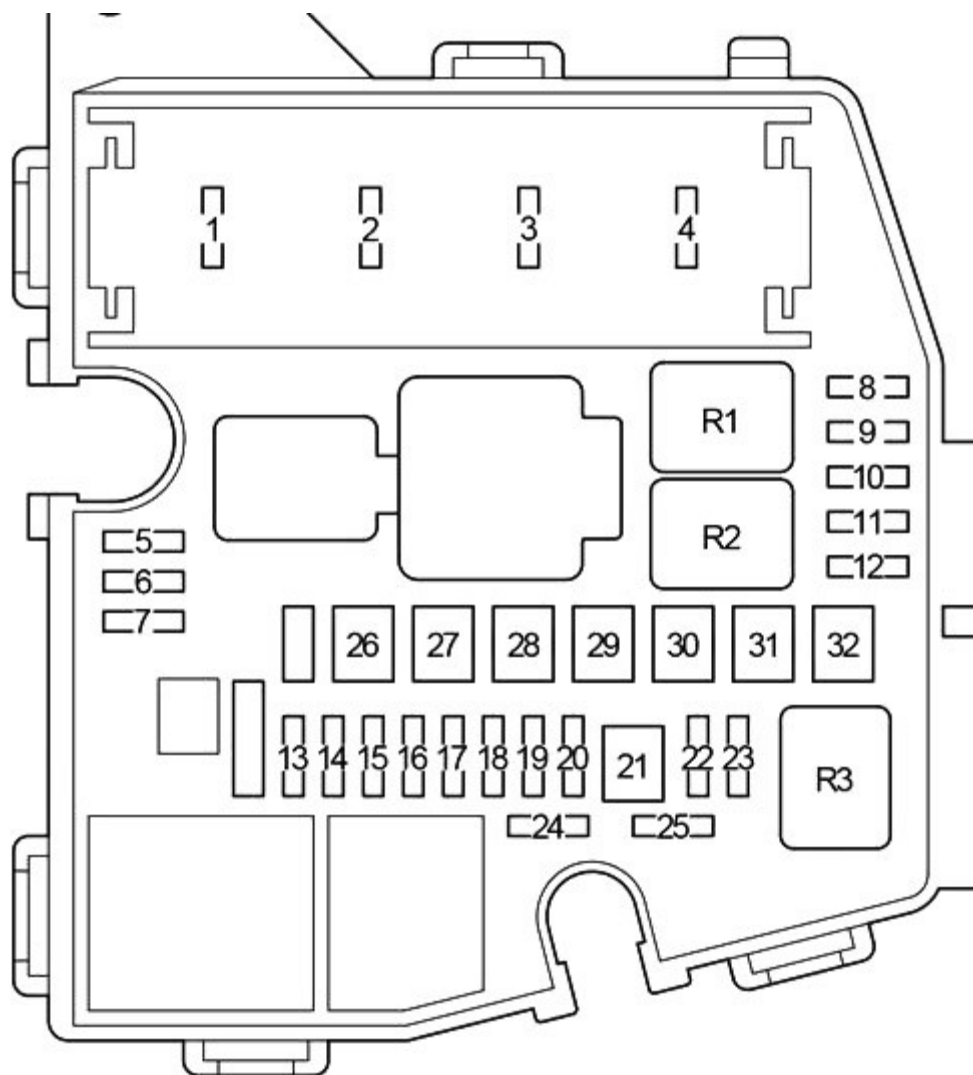
1. Fuse Box
2. Engine ECU
3. Fusible Link Block
4. Skid Control ECU with Actuator

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Engine Compartment Fuse Box Diagram

Push the tab in and lift the lid off.





Nº	Fuse	A	Circuit
1	-	-	-
2	AM2	15	Starting system, multiport fuel injection system/sequential multiport fuel injection system
	EFI	20	Multiport fuel injection system/sequential multiport fuel injection system
3	HORN	10	1NZ-FE, 2NZ-FE, 2SZ-FE, 2ZR-FE, 1KR-FE: Horn
	ECD	30	1ND-TV: Multiport fuel injection system/sequential multiport fuel injection system
4	HORN	10	1KR-FE, 1ND-TV: Horn

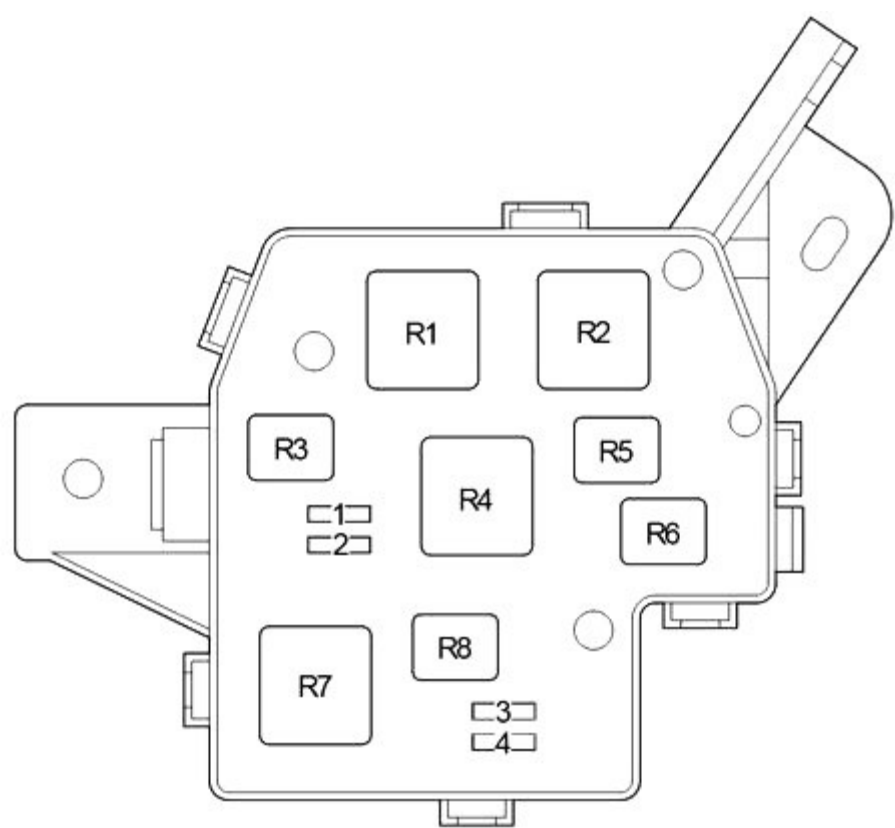
Nº	Fuse	A	Circuit
	EFI	20	1NZ-FE, 2NZ-FE, 2SZ-FE, 2ZR-FE, 1KR-FE: Multiport fuel injection system/sequential multiport fuel injection system
	ECD	30	Diesel: Multiport fuel injection system/sequential multiport fuel injection system (TMMF Made From Nov. 2008 Production)
5	-	30	Spare fuse
6	-	10	Spare fuse
7	-	15	Spare fuse
8	-	-	
9	-		
10	-		
11	FR DEF	20	
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"
14	ST	30	Starting system
15	S-LOCK	20	Steering lock system
16	DOME	15	Interior light, personal lights, theft deterrent system, audio system, wireless remote control system
17	ECU-B	7.5	Engine immobilizer system, daytime running light system, front passenger occupant classification system, power windows, door lock system, theft deterrent system, meter and gauge
18	ALT-S	7.5	Charging system

Nº	Fuse	A	Circuit
19	ETCS	10	Multiport fuel injection system/sequential multiport fuel injection system, electronic throttle control system
20	HAZ	10	Turn signal lights, emergency flashers
21	AMT	50	Multi-mode manual transmission
	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	Gasoline: Multiport fuel injection system/sequential multiport fuel injection system
	ECD2	10	Diesel: Multiport fuel injection system/sequential multiport fuel injection system
25	ECD3	7.5	Diesel: Multiport fuel injection system/sequential multiport fuel injection system
26	HTR SUB2	40	435W Type: PTC heater
	HTR SUB1	50	600W Type: PTC heater
27	EPS	50	Electric power steering system
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

Nº	Fuse	A	Circuit
	HTR SUB2	30	600W Type: PTC heater
32	H-LP CLN /PWR HTR	30	Power heater, headlight cleaner
	HTR SUB3	30	600W Type: PTC heater
Relay			
R1	Starter (ST)		
R2	Electric cooling fan (FAN Nº2)		
R3	PTC heater (HTR SUB1)		

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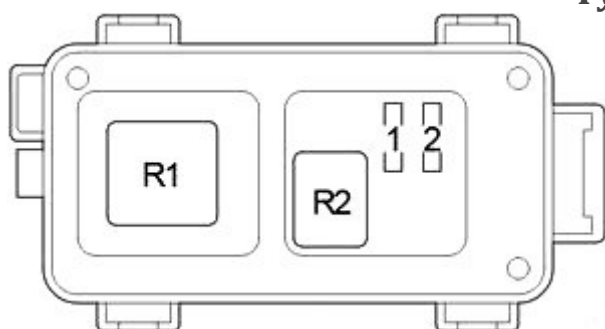
Relay Box (with DRL)



Nº	Fuse	A	Circuit
1	-	-	-
2	-	-	-
3	H-LP HI RH	10	Headlight
4	H-LP HI LH	10	Headlight
Relay			
R1	Dimmer (DIM)		
R2	Vehicle stability control system / Anti-lock brake system / Multi-mode manual transmission (VSC1/ABS1/AMT)		
R3	-		
R4	Headlight (H-LP)		
R5	PTC heater (HTR SUB3)		
R6	PTC heater (HTR SUB2)		
R7	PTC heater (HTR SUB1)		
R8	Vehicle stability control system / Anti-lock brake system (VSC2/ABS2)		

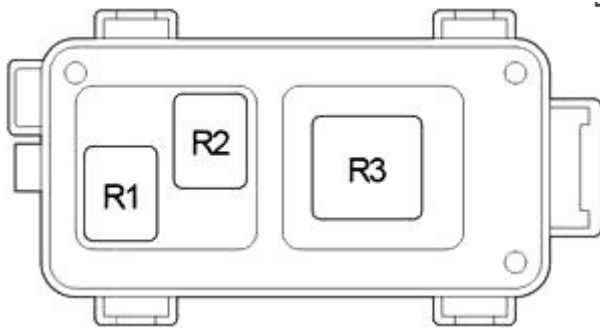
Fuse Box №2

Type 1



Nº	Fuse	A	Circuit
1	-	-	-
2	-	-	-
Relay			
R1	Vehicle stability control system (VSC1)		
R2	Vehicle stability control system (FR DEF/VSC2)		

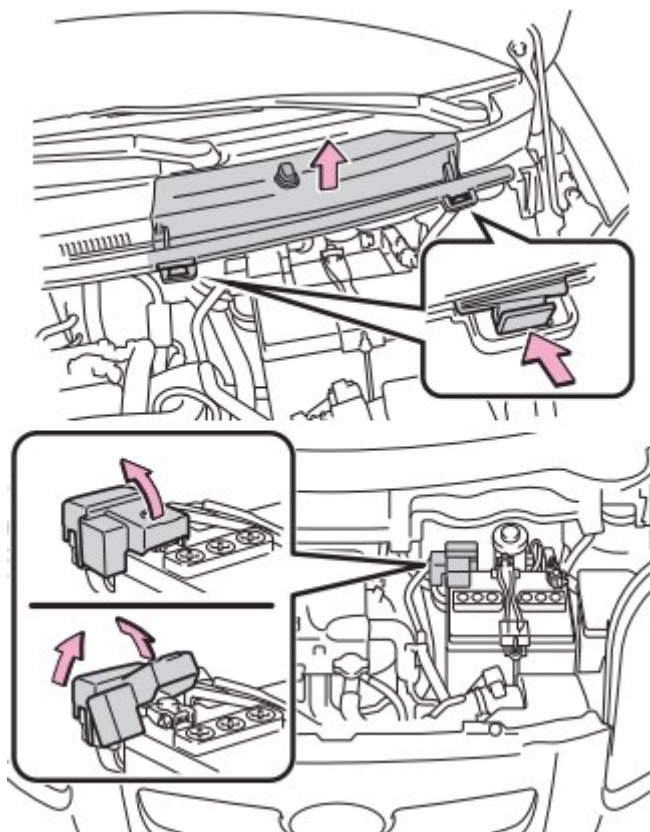
Type 2



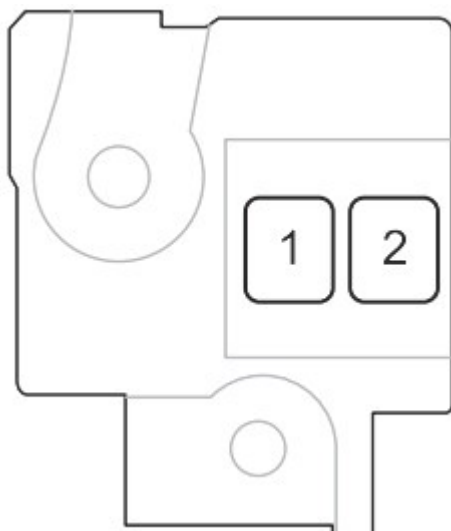
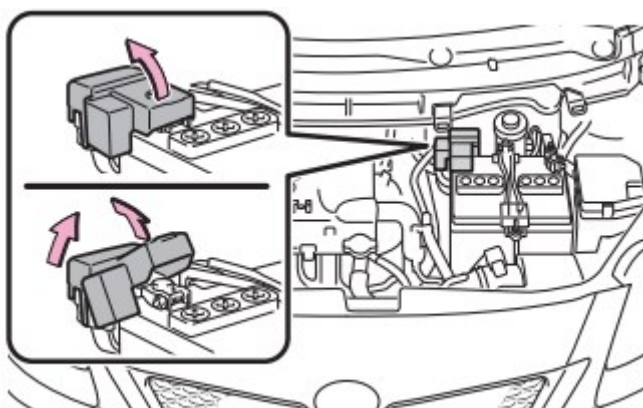
Nº	Relay
R1	PTC heater (HTR SUB3)
R2	PTC heater (HTR SUB2)
R3	Headlight / Multi-mode manual transmission / PTC heater (H-LP/AMT/HTR SUB1)

Fusible Link Block

Hatchback: Push the tab in and lift the cover off, remove the cover.



Sedan: Remove the cover.



Nº	Fuse	A	Circuit
1	ALT	120A	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
2	MAIN	60A	EFI, 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