

Toyota Verso (AR20) (2009-2017) Fuse Diagram

Fuse box diagram (fuse layout), location, and assignment of fuses and relays Toyota Verso (AR20) (2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017).



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 to the “LOCK” position (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.

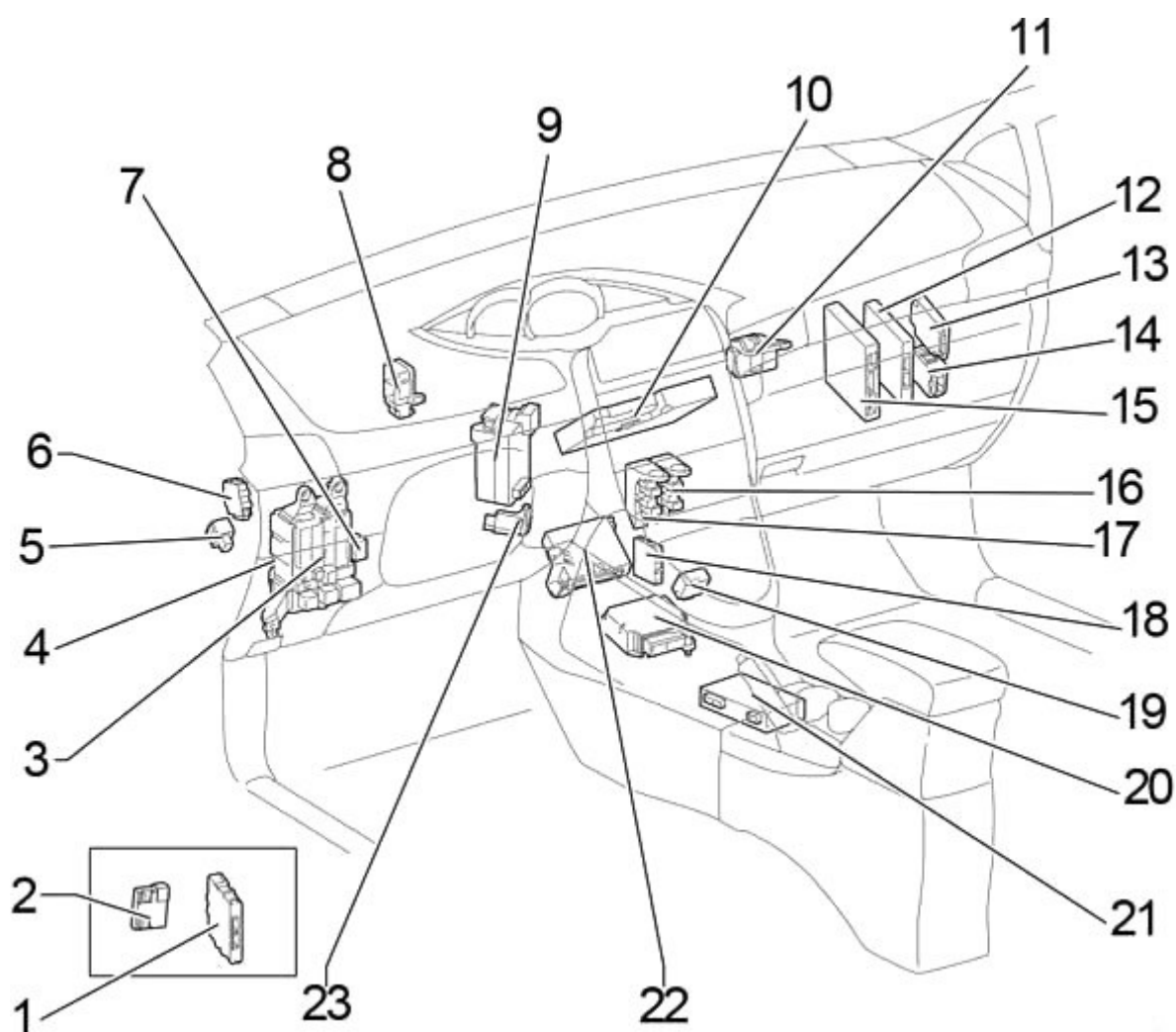
Notice

- 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.

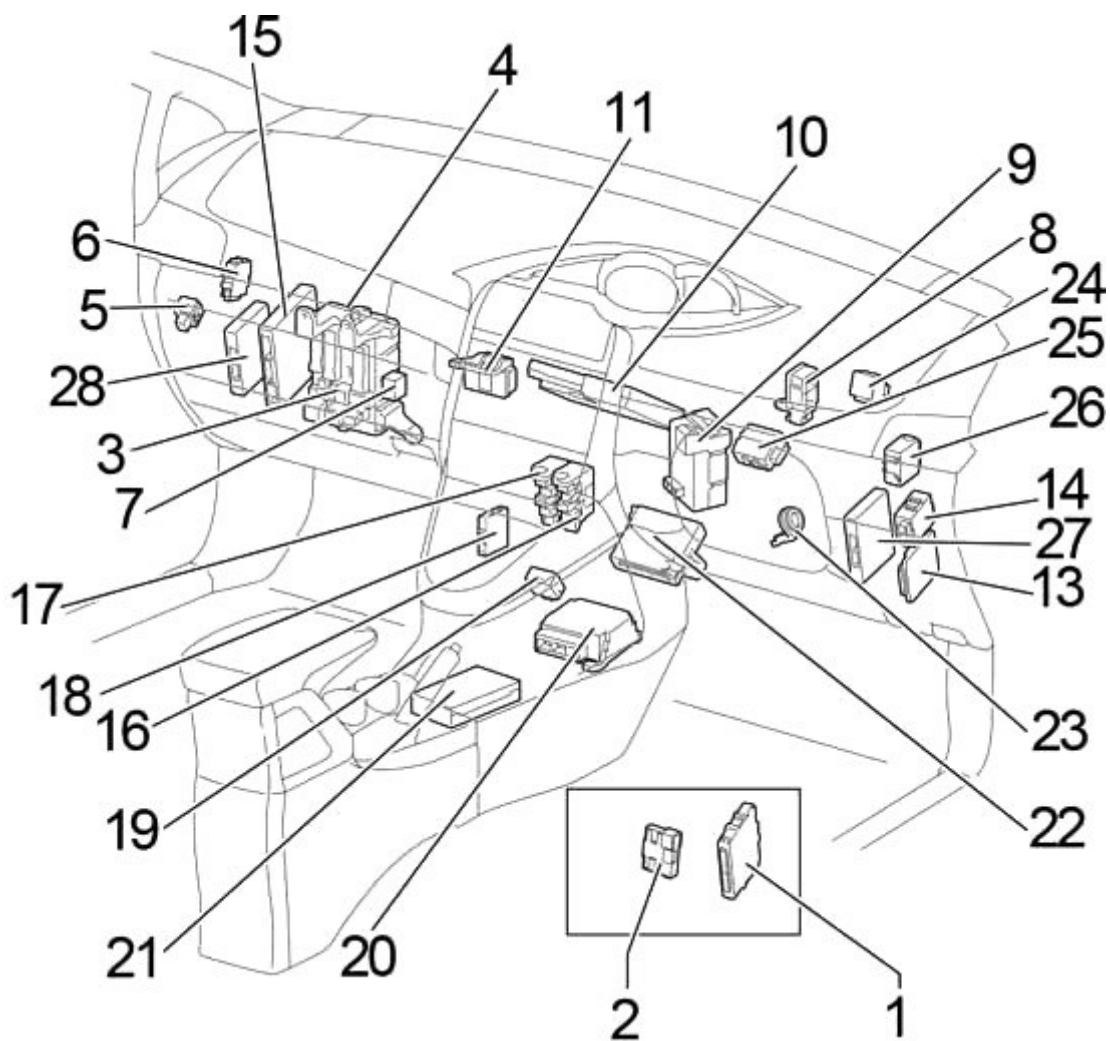
- If the replaced fuse blows again, have the vehicle inspected by any authorized Toyota dealer or repairer, or another duly qualified and equipped professional.

Passenger Compartment

Left-hand drive



Right-hand drive



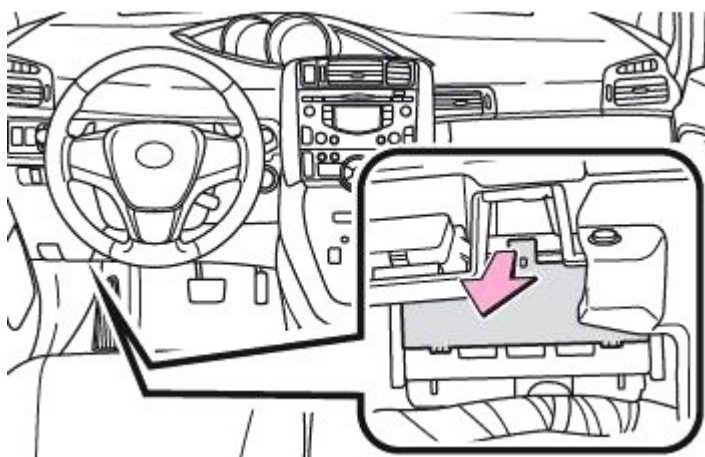
1. Certification ECU Assembly
2. ID Code Box (with Entry & Start System)
Transponder Key ECU Assembly (without Entry & Start System)
3. Fuse Box
4. Main Body ECU
5. Stop Light Control Relay
6. Headlight Leveling ECU Assembly
7. Additional Fuse Box
8. Junction Block
9. Power Steering ECU Assembly
10. Navigation ECU
11. Junction Block
12. Power Management Control ECU (LHD)
13. Driving Support ECU Assembly
14. Windshield Wiper Relay Assembly
15. Engine Stop & Start ECU
16. Relay Box №1

17. Relay Box №2
18. Clearance Warning ECU Assembly
19. Shift Lock Control ECU Sub-Assembly
20. Center Airbag Sensor Assembly
21. Multi-Media Interface ECU
22. Air Conditioning Amplifier Assembly
23. Transponder Key Amplifier
24. Turn Signal Flasher Assembly (RHD)
25. Double Lock Door Control Relay Assembly (from Jan. 2014 (RHD))
26. Double Lock Door Control Relay Assembly (before Jan. 2014 (RHD))
27. Power Management Control ECU (from Jan. 2014 (RHD))
28. Power Management Control ECU (before Jan. 2014 (RHD))

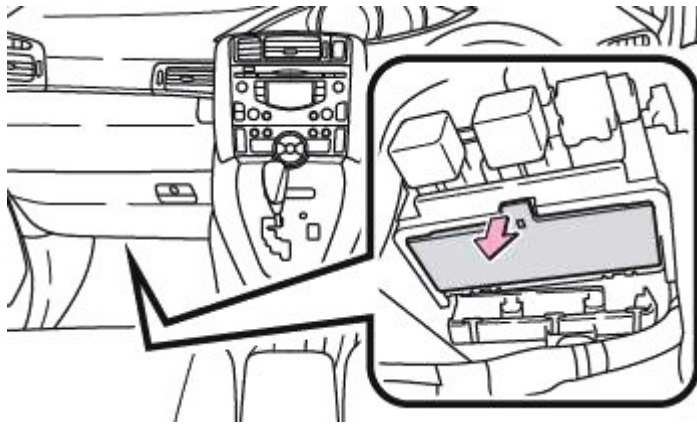
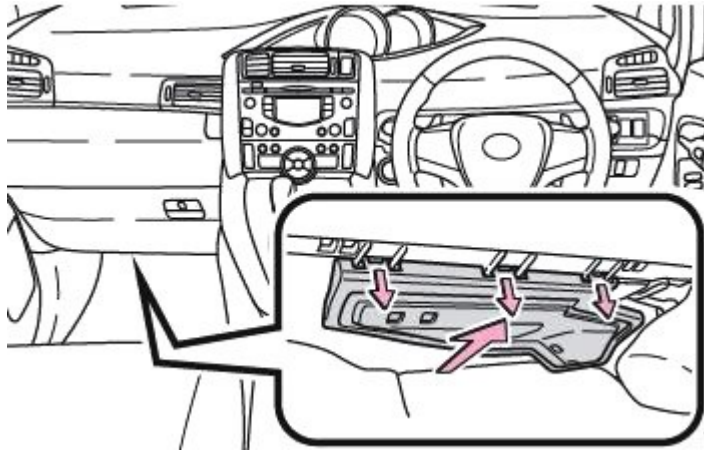
Passenger Compartment Fuse Box Diagram

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

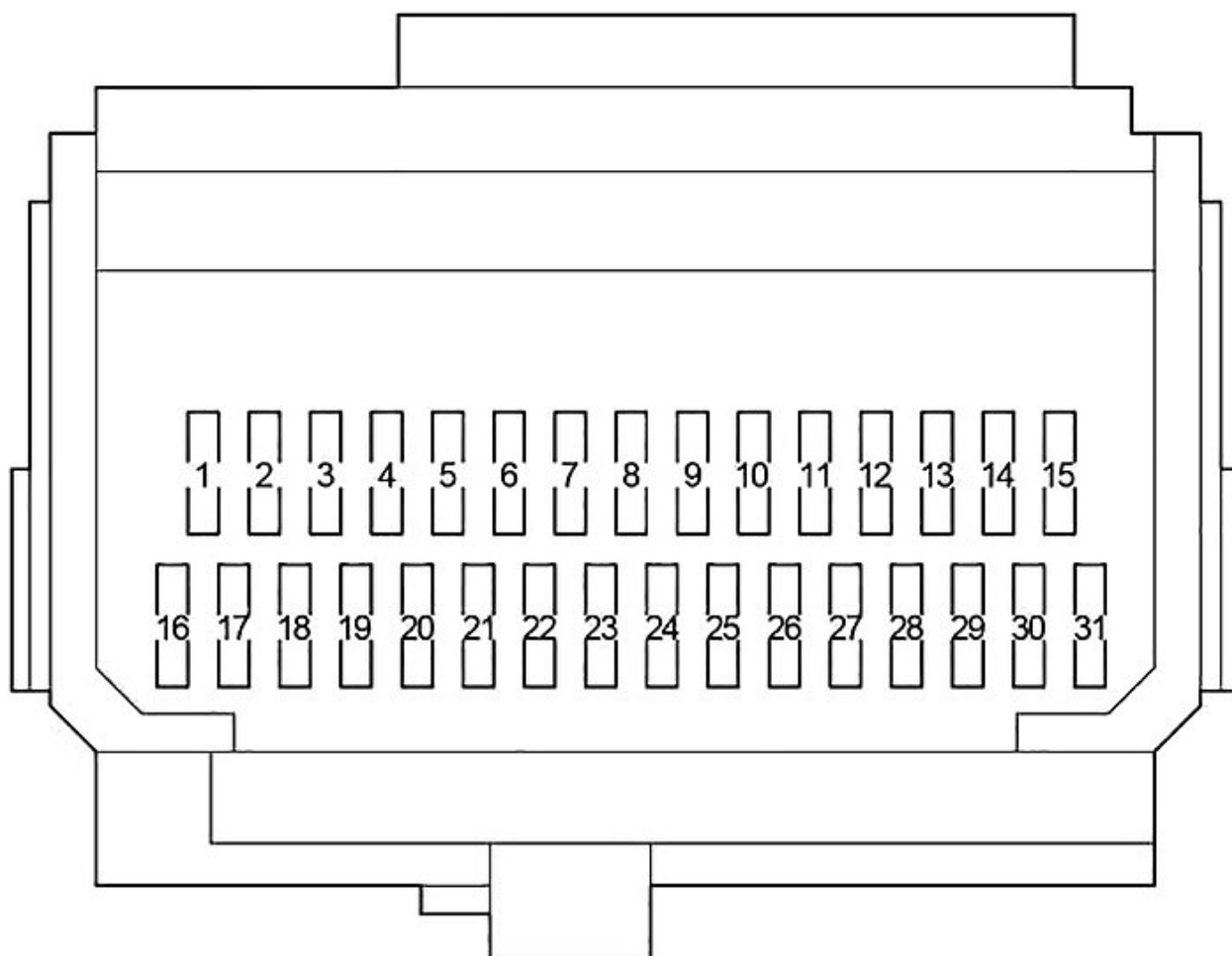
Left-hand drive: Remove the lid.



Right-hand drive: Remove the cover and remove the lid.



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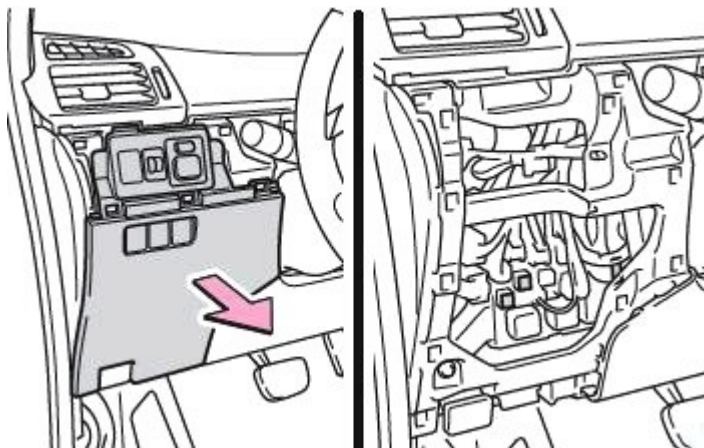
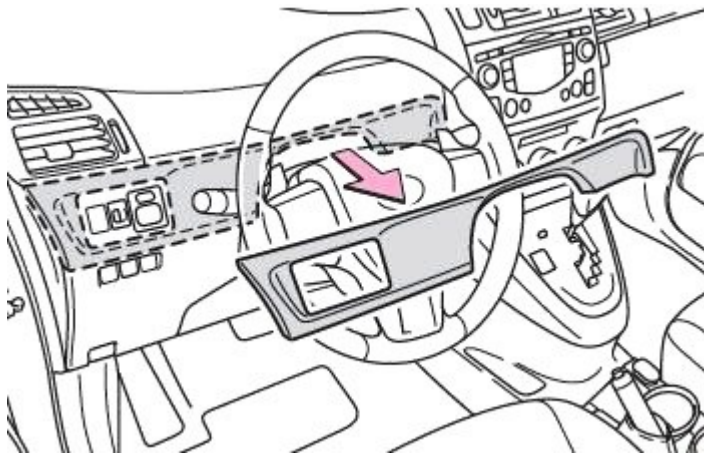
Nº	Fuse	A	Circuit
1	AM1	7.5	Cruise Control (1ZR-FAE, 2ZR-FAE, 1AD-FTV, 2AD-FHV), CVT and Shift Indicator (2ZR-FAE), ECT and A/T Indicator (2AD-FHV), Electric Power Control System (without Entry & Start System), Engine Control (1ZR-FAE, 2ZR-FAE, 1AD-FTV, 2AD-FHV), Starting (without Entry & Start System)
2	FR FOG	15	before Nov. 2012: Front Fog Light
		7.5	from Nov. 2012: Front Fog Light
3	DRL	7.5	Daytime Running Light System
4	ACC-B	25	"CIG", "ACC" fuses
5	DOOR	25	Automatic Light Control, Back Door Opener, Combination Meter, Door Lock Control, Double Locking, Engine Immobiliser System (with Entry & Start System), Entry & Start System, Front Fog Light, Headlight, Headlight Cleaner, Illumination, Interior Light, Key Reminder (without Entry & Start System), Light Auto Turn Off System, Light Reminder, Power Window, Rear Fog Light, Roof Sunshade, Seat Belt Warning, Starting (with Entry & Start System), Steering Lock

Nº	Fuse	A	Circuit
			(with Entry & Start System), Stop & Start System, Taillight, Theft Deterrent, Wireless Door Lock Control
6	SUNROOF	20	Roof Sunshade
7	STOP	10	ABS, Cruise Control, CVT and Shift Indicator (2ZR-FAE), ECT and A/T Indicator (2AD-FHV), Electric Power Control System (with Entry & Start System), Hill-Start Assist Control, Shift Lock, Stop Light, TRC, VSC
8	OBD	7.5	On-board Diagnosis System
9	ECU-IG Nº2	10	Air Conditioner, Audio System (from Nov. 2011), Back Door Opener (with Entry & Start System), Back-Up Light, Charging, Cruise Control, CVT and Shift Indicator (2ZR-FAE), ECT and A/T Indicator (2AD-FHV), Engine Control, Engine Immobiliser System, Entry & Start System, Heater, Mirror Heater, Navigation System (from Nov. 2011), Parking Assist (Rear View Monitor), Parking Assist (TOYOTA Parking Assist-Sensor), Rear Window Defogger, Seat Belt Warning, SRS, Starting (with Entry & Start System), Steering Lock (with Entry & Start System), Theft Deterrent, Turn Signal and Hazard Warning Light, Wireless Door Lock Control (with Entry & Start System)
10	ECU-IG Nº1	10	ABS, Automatic Light Control, Back Door Opener, Combination Meter, Cooling Fan, Cruise Control (1AD-FTV, 2AD-FHV, 1ZR-FAE, 2ZR-FAE), CVT and Shift Indicator (2ZR-FAE), Door Lock Control, Double Locking, ECT and A/T Indicator (2AD-FHV), Engine Control (1AD-FTV, 2AD-FHV, 1ZR-FAE, 2ZR-FAE), Engine Immobiliser System (with Entry & Start System), Entry & Start System, EPS, Front Fog Light, Headlight, Headlight Beam Level Control (Automatic), Headlight Cleaner, Hill-Start Assist Control, Illumination, Interior Light, Key Reminder (without Entry & Start System), Light Auto Turn Off System, Light Reminder, Power Window, Rear Fog Light, Roof Sunshade, Seat Belt Warning, Shift Lock, Starting (with Entry & Start System), Steering Lock (with Entry & Start System), Stop Light, Taillight, Theft Deterrent, Tire Pressure Warning System, TRC, VSC, Wireless Door Lock Control
11	WASHER	15	Front Wiper and Washer, Rear Wiper and Washer
12	RR WIPER	15	Rear Wiper and Washer
13	WIPER	25	Front Wiper and Washer

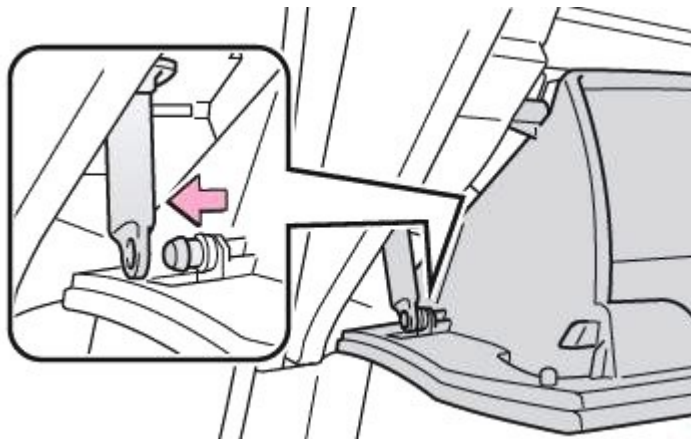
Nº	Fuse	A	Circuit
14	HTR-IG	10	Air Conditioner, Cruise Control (1WW), Engine Control (1WW), Heater, Mirror Heater, Power Heater, Rear Window Defogger, Stop & Start System
15	SEAT HTR	15	Seat Heater
16	METER	7.5	ABS, Air Conditioner, Audio System (from Nov. 2011), Back Door Opener, Charging, Combination Meter, Cooling Fan, Cruise Control (1AD-FTV, 2AD-FHV, 1ZR-FAE, 2ZR-FAE), CVT and Shift Indicator (2ZR-FAE), Door Lock Control, ECT and A/T Indicator (2AD-FHV), Electric Power Control System (with Entry & Start System), Engine Control (1AD-FTV, 2AD-FHV, 1ZR-FAE, 2ZR-FAE), Engine Immobiliser System (with Entry & Start System), Entry & Start System, EPS, Front Fog Light, Headlight, Headlight Beam Level Control (Automatic), Heater, Hill-Start Assist Control, Illumination, Interior Light, Key Reminder (without Entry & Start System), Light Reminder, Navigation System (from Nov. 2011), Parking Assist (Rear View Monitor (from Nov. 2011)), Parking Assist (TOYOTA Parking Assist-Sensor), Rear Fog Light, Seat Belt Warning, SRS, Starting (with Entry & Start System), Steering Lock (with Entry & Start System), Stop & Start System, Taillight, Theft Deterrent, Tire Pressure Warning System, TRC, VSC, Wireless Door Lock Control (with Entry & Start System)
17	IGN	7.5	ABS (with VSC), Back Door Opener (with Entry & Start System), Cruise Control, CVT and Shift Indicator (2ZR-FAE), ECT and A/T Indicator (2AD-FHV), Electric Power Control System (without Entry & Start System), Engine Control, Engine Immobiliser System, Entry & Start System, Hill-Start Assist Control, SRS, Starting (with Entry & Start System), Steering Lock (with Entry & Start System), Stop Light, TRC, VSC, Wireless Door Lock Control (with Entry & Start System)
18	RR FOG	7.5	Rear Fog Light
19	-	-	-
20	-	-	-
21	MIR HTR	10	Cruise Control (1WW, 1ZR-FAE, 2ZR-FAE), CVT and Shift Indicator (2ZR-FAE), Engine Control (1WW, 1ZR-FAE, 2ZR-FAE), Mirror Heater, Rear Window Defogger

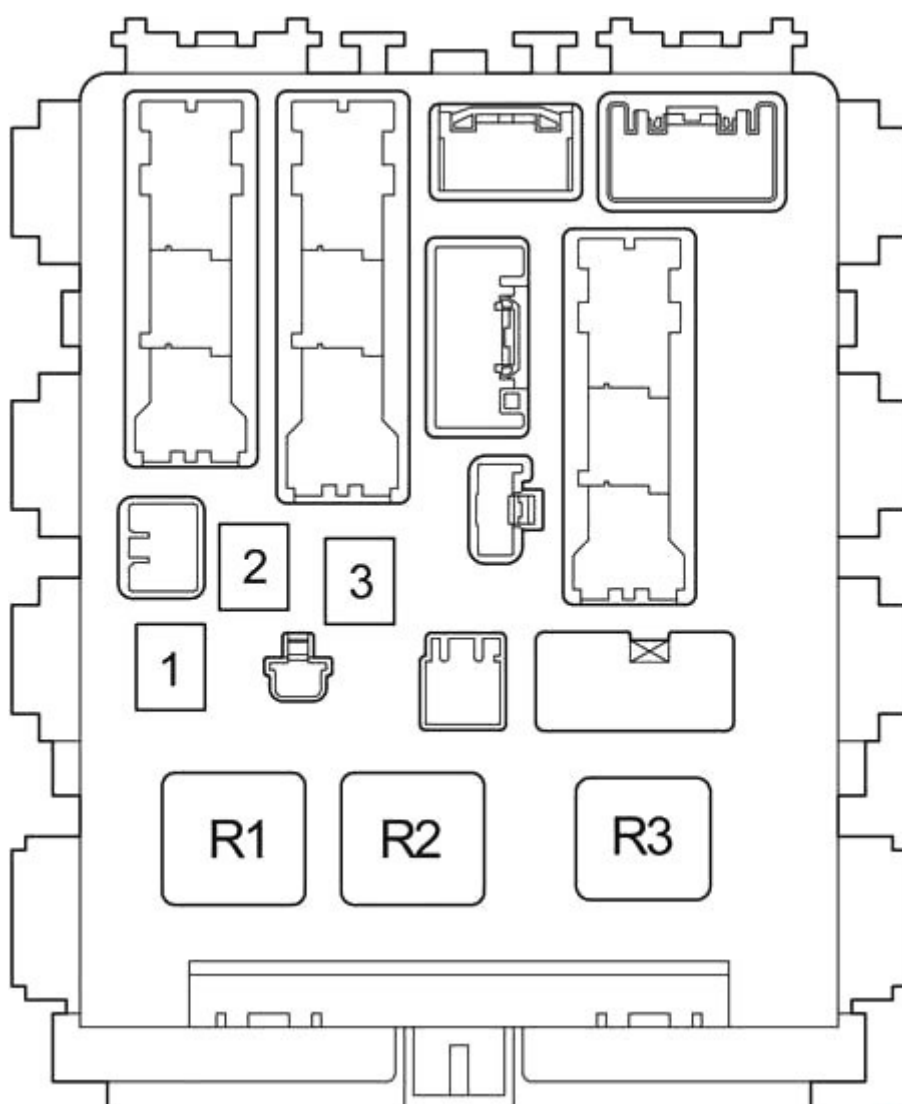
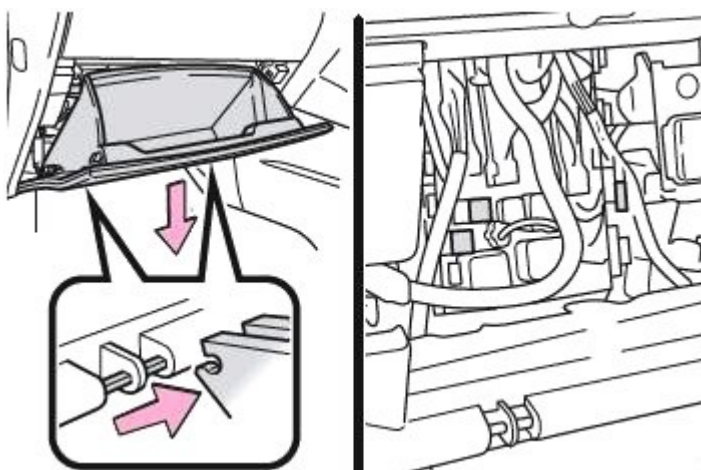
Nº	Fuse	A	Circuit
22	-	-	-
23	ACC	7.5	Audio System (from Nov. 2011), Automatic Light Control, Back Door Opener, Cigarette Lighter, Combination Meter, Door Lock Control, Double Locking, Engine Immobiliser System (with Entry & Start System), Entry & Start System, Front Fog Light, Headlight, Headlight Cleaner, Illumination, Interior Light, Key Reminder (without Entry & Start System), Light Auto Turn Off System, Light Reminder, Navigation System (from Nov. 2011), Parking Assist (Rear View Monitor (from Nov. 2011)), Power Outlet, Power Window, Rear Fog Light, Remote Control Mirror, Roof Sunshade, Seat Belt Warning, Shift Lock, Starting (with Entry & Start System), Steering Lock (with Entry & Start System), Stop & Start System, Taillight, Theft Deterrent, Wireless Door Lock Control
24	CIG	15	Cigarette Lighter
25	-	-	-
26	RR DOOR	20	Rear Right Power Window
27	RL DOOR	20	Rear Left Power Window
28	FR DOOR	20	Front Right Power Window
29	ECU-IG Nº3	10	Audio System (from Nov. 2011), Automatic Glare-Resistant EC Mirror, Back Door Opener (with Entry & Start System), Engine Immobiliser System (with Entry & Start System), Entry & Start System, Navigation System (from Nov. 2011), Parking Assist (Rear View Monitor), Roof Sunshade, Starting (with Entry & Start System), Steering Lock (with Entry & Start System), Stop & Start System, Wireless Door Lock Control (with Entry & Start System)
30	PANEL	7.5	Illumination, Parking Assist (TOYOTA Parking Assist-Sensor)
31	TAIL	10	Cruise Control (1WW, 1ZR-FAE, 2ZR-FAE), CVT and Shift Indicator (2ZR-FAE), Engine Control (1WW, 1ZR-FAE, 2ZR-FAE), Front Fog Light, Headlight Beam Level Control (Manual), Illumination, Parking Assist (TOYOTA Parking Assist-Sensor), Rear Fog Light, Taillight

Left-hand drive: Remove the upper instrument panels and remove the lower instrument panel.



Right-hand drive: Open the glove box, slide off the damper, lift the glove box to disconnect the claws at the bottom, and remove it.



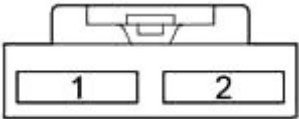


Nº	Fuse	A	Circuit
1	POWER	30	Front Left Power Window
2	DEF	30	Rear Window Defogger, "MIR HTR" fuse
3	-	-	-

Nº	Fuse	A	Circuit
Relay			
R1	Ignition (IG1)		
R2	Short Pin (Automatic A/C)		
	Heater (HTR (Except Automatic A/C))		
R3	LHD: Turn Signal Flasher		

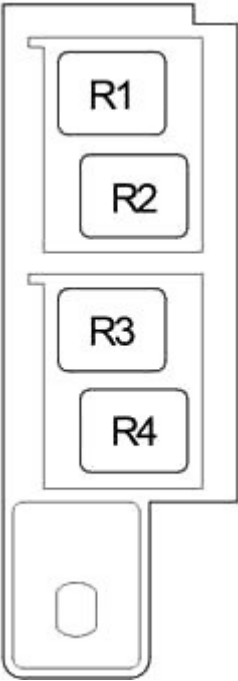
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Additional Fuse Box



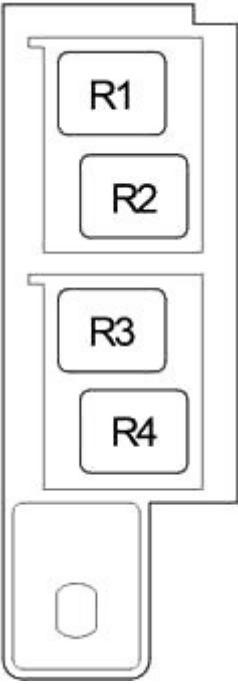
Nº	Fuse	A	Circuit
1	WIPER Nº2	7.5	Charging System, Cruise Control (1ZR-FAE, 2ZR-FAE), CVT and Shift Indicator (2ZR-FAE), Electric Power Control System, Engine Control (1ZR-FAE, 2ZR-FAE)
2	-	-	-

Relay Box Nº1



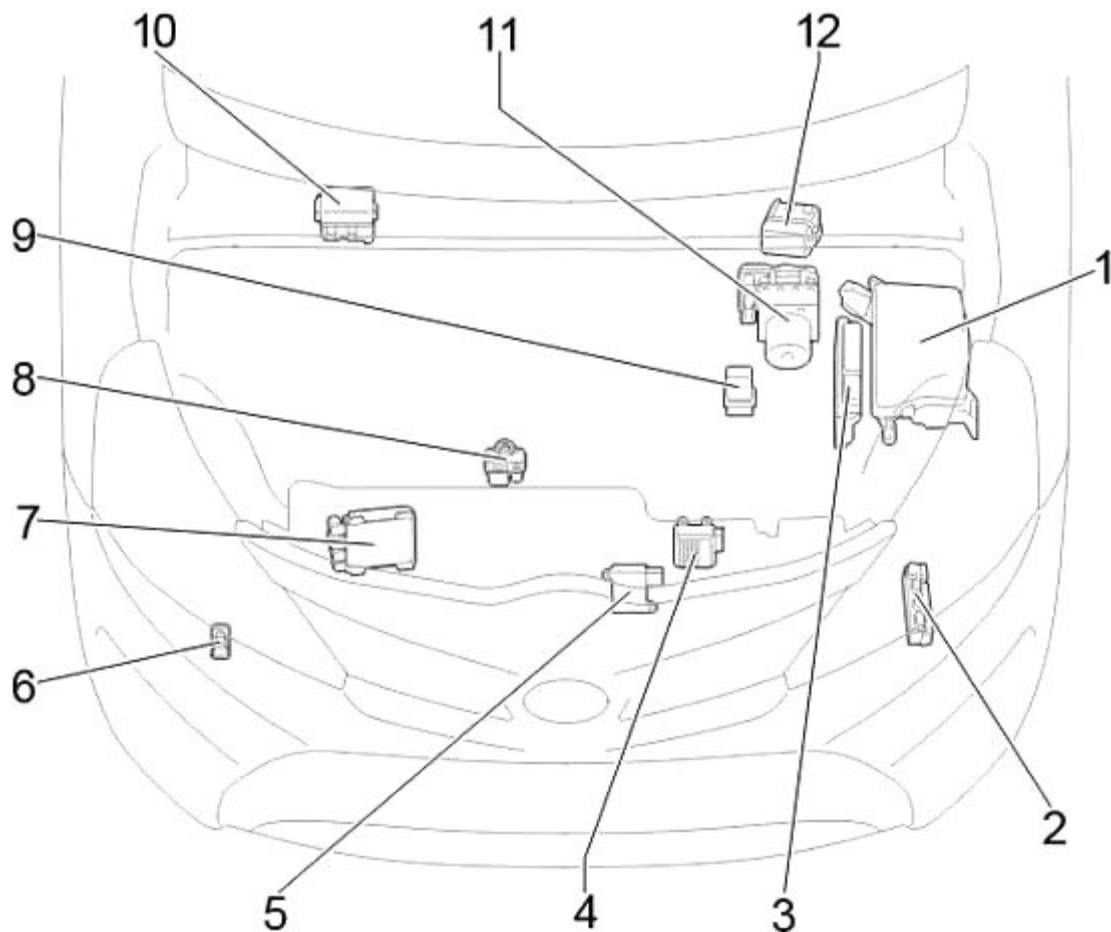
Nº	Relay
R1	Front Fog Light (FR FOG)
R2	Accessory (ACC)
R3	Daytime Running Light System (DRL)
R4	Panel (PANEL)

Relay Box Nº2



Nº	Relay
R1	Starter (ST)
R2	Rear Fog Light (RR FOG)
R3	Power Outlet (ACC SOCKET)
R4	Interior Light (DOME LAMP CUT)

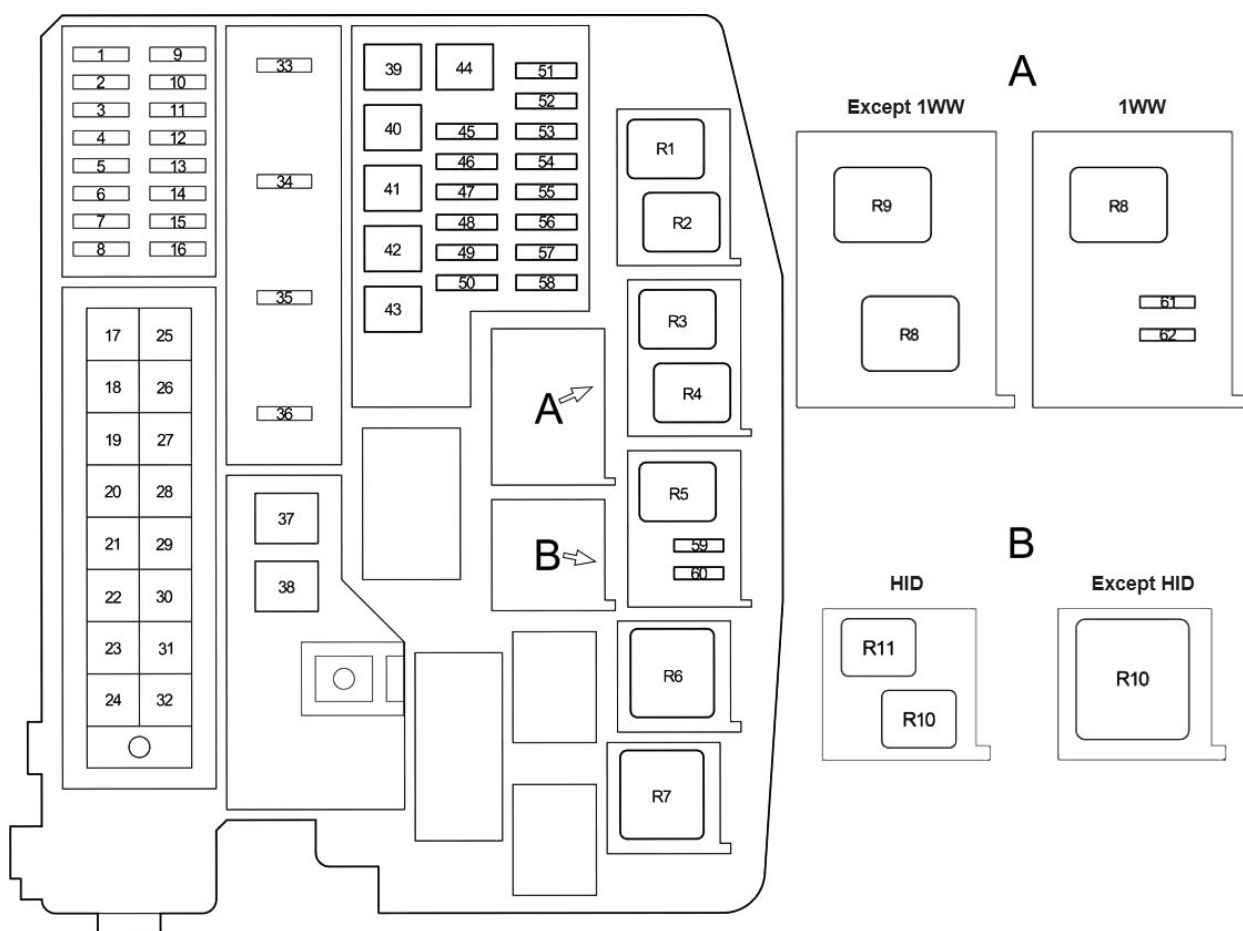
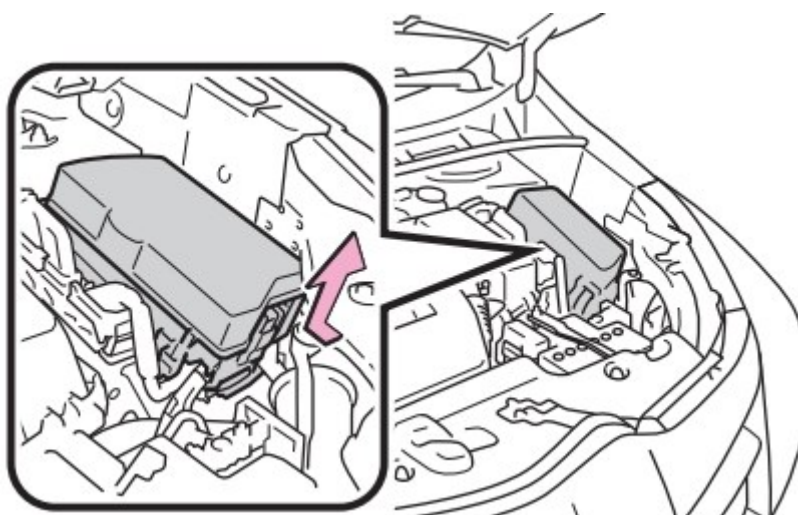
Engine Compartment



1. Fuse Box
2. Glow Plug Controller (1AD-FTV, 2AD-FTV)
3. ECM
4. Transmission Control ECU Assembly
5. Cooling Fan ECU
6. Headlight Cleaner Control Relay
7. Injector Driver
8. Glow Plug Controller (1WW)
9. Glow Plug Relay Assembly
10. Relay Box (LHD)
11. Skid Control ECU with Actuator Assembly
12. Relay Box (RHD)

Engine Compartment Fuse Box Diagram

Push the tab in and lift the lid off.



Nº	Fuse	A	Circuit
1	DOME	10	Luggage Compartment Light, Vanity Lights, Front Door Courtesy Lights, Personal/Interior Lights, Foot Lights
2	RAD Nº1	20	before Jan. 2014: Audio System, Navigation System, Parking Assist (Rear View Monitor)
		15	from Jan. 2014: Audio System, Navigation System, Parking Assist (Rear View Monitor)

Nº	Fuse	A	Circuit
3	ECU-B	10	ABS, Air Conditioner, Audio System from Nov. 2011), Automatic Light Control, Back Door Opener, Charging, Combination Meter, Cooling Fan, Cruise Control, CVT and Shift Indicator (2ZR-FAE), Door Lock Control, Double Locking, ECT and A/T Indicator (2AD-FHV), Electric Power Control System (with Entry & Start System), Engine Control, Engine Immobiliser System (with Entry & Start System), Entry & Start System, EPS, Front Fog Light, Headlight, Headlight Cleaner, Heater, Hill-Start Assist Control, Illumination, Interior Light, Key Reminder (without Entry & Start System), Light Auto Turn Off System, Light Reminder, Navigation System (from Nov. 2011), Parking Assist (Rear View Monitor), Parking Assist (TOYOTA Parking Assist-Sensor), Power Window, Rear Fog Light, Roof Sunshade, Seat Belt Warning, SRS, Starting (with Entry & Start System), Steering Lock (with Entry & Start System), Stop & Start System, Taillight, Theft Deterrent, Tire Pressure Warning System, TRC, VSC, Wireless Door Lock Control
4	D.C.C	-	-
5	ECU-B2	10	Air Conditioner, Back Door Opener (with Entry & Start System), Door Lock Control, Engine Immobiliser System, Entry & Start System, Heater, Power Window, Starting (with Entry & Start System), Steering Lock (with Entry & Start System), Wireless Door Lock Control (with Entry & Start System)
6	EFI MAIN Nº2	7.5	Cruise Control (1AD-FTV, 2AD-FHV, 1WW), ECT and A/T Indicator (2AD-FHV), Engine Control (1AD-FTV, 2AD-FHV, 1WW)
7	DOOR Nº2	25	Automatic Light Control, Back Door Opener, Combination Meter, Door Lock Control, Double Locking, Engine Immobiliser System (with Entry & Start System), Entry & Start System, Front Fog Light, Headlight, Headlight Cleaner, Illumination, Interior Light, Key Reminder (without Entry & Start System), Light Auto Turn Off System, Light Reminder, Power Window, Rear Fog Light, Roof Sunshade, Seat Belt Warning, Starting (with Entry & Start System), Steering Lock (with Entry & Start System), Stop & Start System, Taillight, Theft Deterrent, Wireless Door Lock Control
8	-	-	-

Nº	Fuse	A	Circuit
9	IGT/INJ	15	Multiport Fuel Injection System/Sequential Multiport Fuel Injection System
10	STRG LOCK	20	Steering Lock System
11	A/F	20	Cruise Control (1AD-FTV, 2AD-FHV), ECT and A/T Indicator (2AD-FHV), Engine Control (1AD-FTV, 2AD-FHV)
12	AM2	30	Back Door Opener (with Entry & Start System), Engine Immobiliser System (with Entry & Start System), Entry & Start System, Starting (with Entry & Start System), Starting (without Entry & Start System), Steering Lock, Wireless Door Lock Control (with Entry & Start System)
13	ETCS	10	Electronic Throttle Control System
14	TURN-HAZ	10	Turn Signal and Hazard Warning Light
15	-	-	-
16	AM2 Nº2	7.5	Back Door Opener (with Entry & Start System), Cruise Control, CVT and Shift Indicator (2ZR-FAE), ECT and A/T Indicator (2AD-FHV), Electric Power Control System, Engine Control, Engine Immobiliser System (with Entry & Start System), Entry & Start System, Starting (with Entry & Start System), Starting (without Entry & Start System), Steering Lock (with Entry & Start System), Wireless Door Lock Control (with Entry & Start System)
17	HTR	50	except 1WW: Air Conditioner, Heater
18	ABS Nº1	50	ABS, Hill-Start Assist Control, TRC, VSC
19	CDS FAN	30	Diesel: Cooling Fan
20	RDI FAN	40	Cooling Fan
21	H-LP CLN	30	Headlight Cleaner
22	TO IP/JB	120	"ECU-IG Nº2", "HTR-IG", "WIPER", "RR WIPER", "WASHER", "ECU-IG Nº1", "ECU-IG Nº3", "SEAT HTR", "AM1", "DOOR", "STOP", "FR DOOR", "POWER", "RR DOOR", "RL DOOR", "OBD", "ACC-B", "RR FOG", "FR FOG", "DEF", "TAIL", "SUNROOF", "DRL" fuses
23	-	-	-
24	-	-	-

Nº	Fuse	A	Circuit
25	-	-	-
26	H-LP MAIN	50	except 1WW: "H-LP LH LO", "H-LP RH LO", "H-LP LH HI", "H-LP RH HI" fuses
	P/I	50	1WW: "HORN", "IG2", "FUEL PMP" fuses
27	P/I	50	except 1WW: "EFI MAIN", "IGT/INJ", "HORN", "IG2" fuses
	H-LP MAIN	50	1WW: "H-LP LH LO", "H-LP RH LO", "H-LP LH HI", "H-LP RH HI" fuses
28	EFI MAIN	50	except 1WW: Cruise Control (1AD-FTV, 2AD-FHV), ECT and A/T Indicator (2AD-FHV), Engine Control (1AD-FTV, 2AD-FHV), Stop & Start System
	FUEL HTR	50	1WW: Fuel Heater
29	P-SYSTEM	30	VALVEMATIC system
30	GLOW	80	except 1WW: Engine Glow System
	EPS	80	1WW: Electric Power Steering
31	EPS	80	except 1WW: Electric Power Steering
	GLOW	80	1WW: Engine Glow System
32	ALT	120	Gasoline: Charging system, "RDI FAN", "CDS FAN", "H-LP CLN", "ABS Nº1", "ABS Nº2", "HTR", "PWR OUTLET", "HTR SUB Nº1", "HTR SUB Nº2", "HTR SUB Nº3", "ECU-IG Nº2", "HTR-IG", "WIPER", "RR WIPER", "WASHER", "ECU-IG Nº1", "ECU-IG Nº3", "SEAT HTR", "AM1, DOOR", "STOP", "FR DOOR", "POWER", "RR DOOR", "RL DOOR", "OBD", "ACC-B", "RR FOG", "FR FOG", "DEF", "TAIL", "SUNROOF", "DRL" fuses
	ALT	140	Diesel (except 1WW): Charging system, "RDI FAN", "CDS FAN", "H-LP CLN", "ABS Nº1", "ABS Nº2", "HTR", "PWR OUTLET", "HTR SUB Nº1", "HTR SUB Nº2", "HTR SUB Nº3", "ECU-IG Nº2", "HTR-IG", "WIPER", "RR WIPER", "WASHER", "ECU-IG Nº1", "ECU-IG Nº3", "SEAT HTR", "AM1, DOOR", "STOP", "FR DOOR", "POWER", "RR DOOR", "RL DOOR", "OBD", "ACC-B", "RR FOG", "FR FOG", "DEF", "TAIL", "SUNROOF", "DRL" fuses
33	IG2	15	"IGN", "METER" fuses
34	HORN	15	Horn, Theft Deterrent

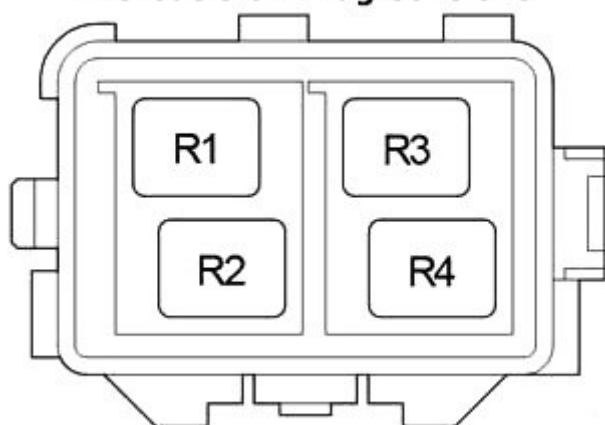
Nº	Fuse	A	Circuit
35	EFI MAIN	20	Gasoline: Multiport Fuel Injection System/Sequential Multiport Fuel Injection System
		30	Diesel (before Nov. 2012): Multiport Fuel Injection System/Sequential Multiport Fuel Injection System
	FUEL PUMP	30	1WW: Fuel Pump
36	IGT/INJ	15	Gasoline: Multiport Fuel Injection System/Sequential Multiport Fuel Injection System
	EDU	20	Diesel (except 1WW): Multiport Fuel Injection System/Sequential Multiport Fuel Injection System
37	EFI MAIN	50	1WW: "EFI Nº1", "EFI Nº2", "EFI Nº4" fuses
38	BBC	40	1WW: Stop & Start System
39	HTR SUB Nº3	30	Power Heater (Electrical Type)
40	-	-	-
41	HTR SUB Nº2	30	Power Heater (Electrical Type)
42	HTR	50	Air Conditioner, Heater
43	HTR SUB Nº1	50	1WW: Power Heater (Electrical Type)
		30	except 1WW: Power Heater (Electrical Type)
44	-	-	-
45	STV HTR	25	Power Heater (Combustion Type)
46	ABS Nº2	30	ABS, Hill-Start Assist Control, TRC, VSC
47	-	-	-
48	-	-	-
49	-	-	-
50	PWR OUTLET	15	Power Outlet
51	H-LP LH LO	10	except HID: Left-hand Headlight (Low Beam)
		15	HID: Left-hand Headlight (Low Beam)
52		10	except HID: Right-hand Headlight (Low Beam)

Nº	Fuse	A	Circuit
	H-LP RH LO	15	HID: Right-hand Headlight (Low Beam)
53	H-LP LH HI	10	Left-hand Headlight (High Beam)
54	H-LP RH HI	10	Right-hand Headlight (High Beam)
55	EFI Nº1	10	except 1WW: Multiport Fuel Injection System/Sequential Multiport Fuel Injection System
		7.5	1WW: Cooling Fan, Multiport Fuel Injection System/Sequential Multiport Fuel Injection System
56	EFI Nº2	10	except 1WW: Multiport Fuel Injection System/Sequential Multiport Fuel Injection System
		15	1WW: Multiport Fuel Injection System/Sequential Multiport Fuel Injection System, Stop & Start System
57	IG2 Nº2	7.5	Starting System
58	EFI Nº3	7.5	before Nov. 2012: Multiport Fuel Injection System/Sequential Multiport Fuel Injection System
	EFI Nº4	30	from Nov. 2012: Multiport Fuel Injection System/Sequential Multiport Fuel Injection System
		20	1WW: Multiport Fuel Injection System/Sequential Multiport Fuel Injection System
59	-	-	-
60	EFI Nº3	7.5	from Nov. 2012: Multiport Fuel Injection System/Sequential Multiport Fuel Injection System
61	CDS EFI	5	1WW: Cooling Fan
62	RDI EFI	5	1WW: Cooling Fan
Relay			
R1	(before Nov. 2012 (FR DEICER))		
	(before Nov. 2012 (BRAKE LP))		
	Electric Cooling Fan (from Nov. 2012 (FAN Nº2))		
R2	Electric Cooling Fan (FAN Nº3)		
R3	Air fuel ratio sensor (A/F)		
R4	(IGT/INJ)		

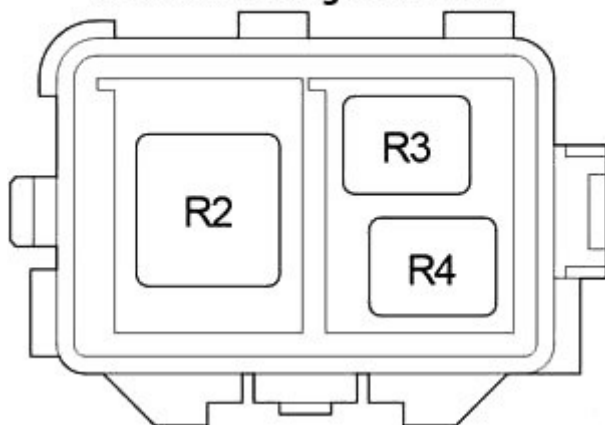
Nº	Fuse	A	Circuit
R5	-		
R6	Diesel: (from Nov. 2012(EFI MAIN))		
R7	Headlight (H-LP)		
R8	Electric Cooling Fan (FAN Nº1)		
R9	Electric Cooling Fan (before Nov. 2012 (FAN Nº2))		
R10	Dimmer		
R11	-		

Relay Box

without Glow Plug Controller



with Glow Plug Controller



Nº	Relay
R1	-
R2	HTR SUB Nº1
R3	HTR SUB Nº2

№	Relay
R4	HTR SUB №3