

Toyota Ractis 1G – fuse and relay

The 1st generation **Toyota Ractis** was produced in 2005, 2006, 2007, 2008, 2009 and 2010 and was marked p100. In this article, we will show a description of Toyota Ractis 1 fuses and relays with box diagrams and their locations. Highlight the cigarette lighter fuse.



Check the purpose of the elements with your diagrams on the box cover.

Passenger compartment

In the passenger compartment, the main unit with fuses and relays is located behind the glove compartment.

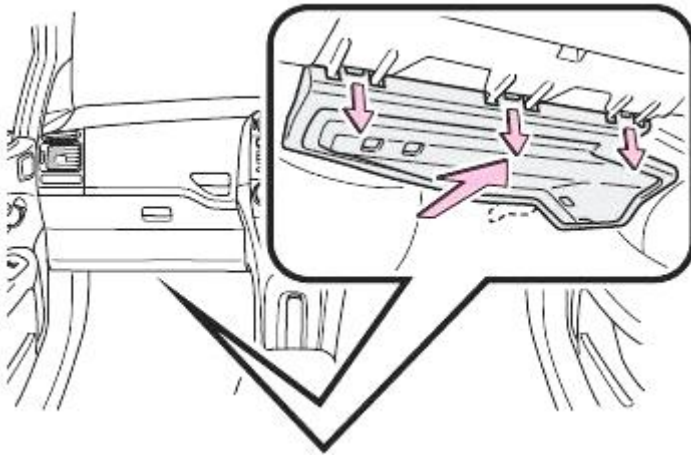
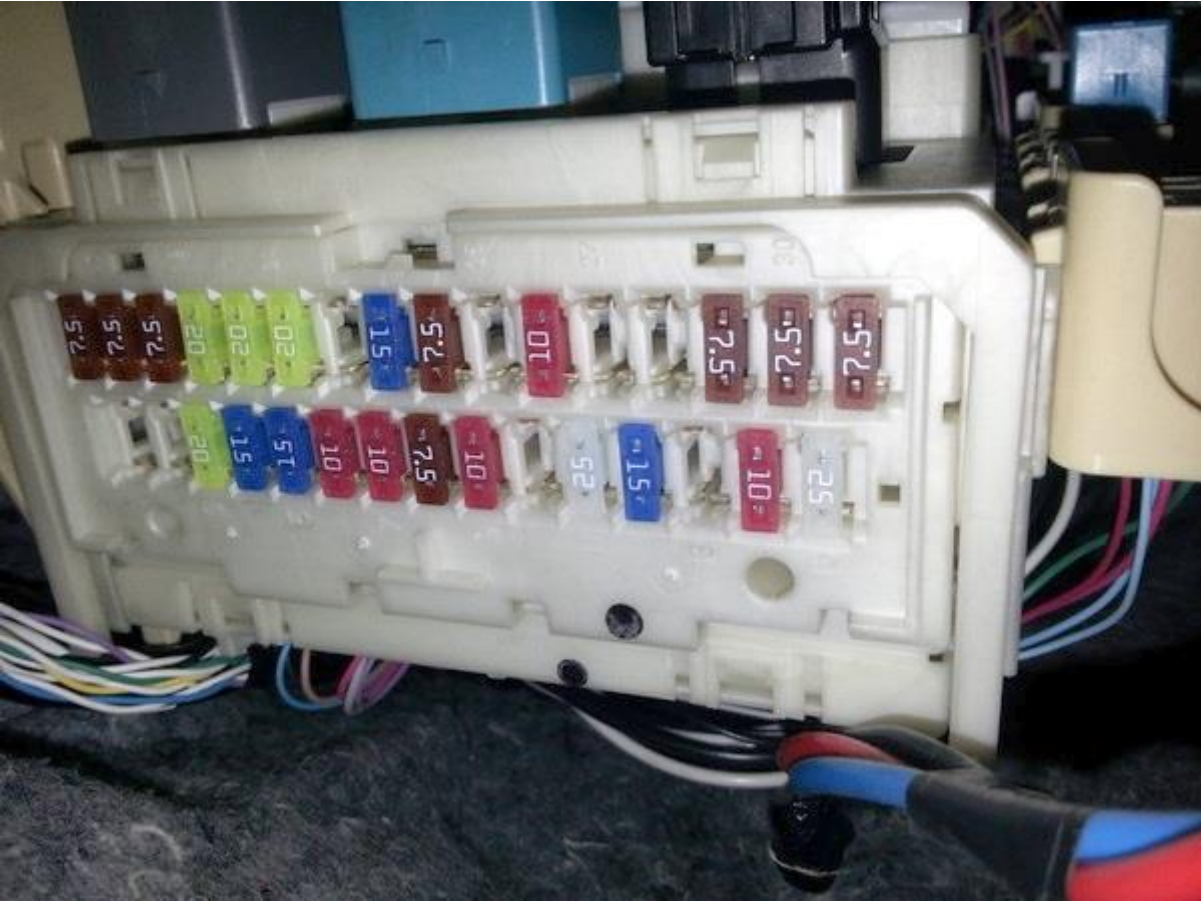


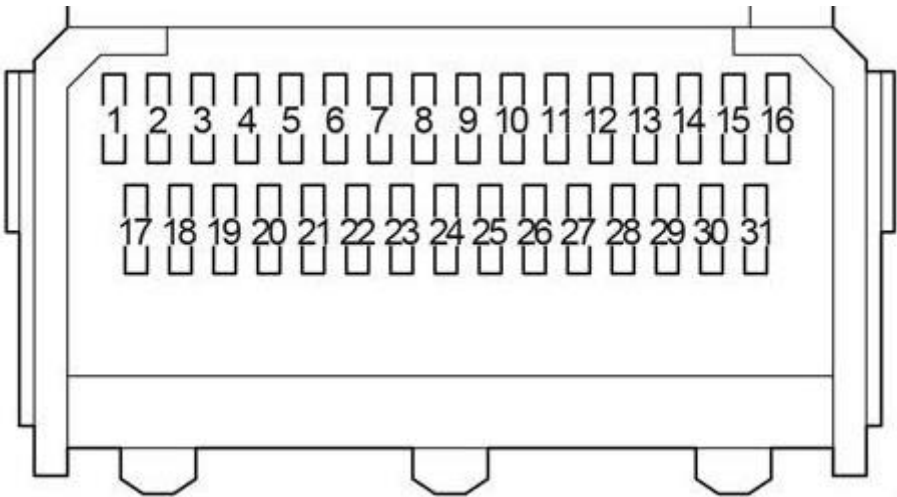
Diagram from the box cover



Photo example of execution



Diagram



Designation

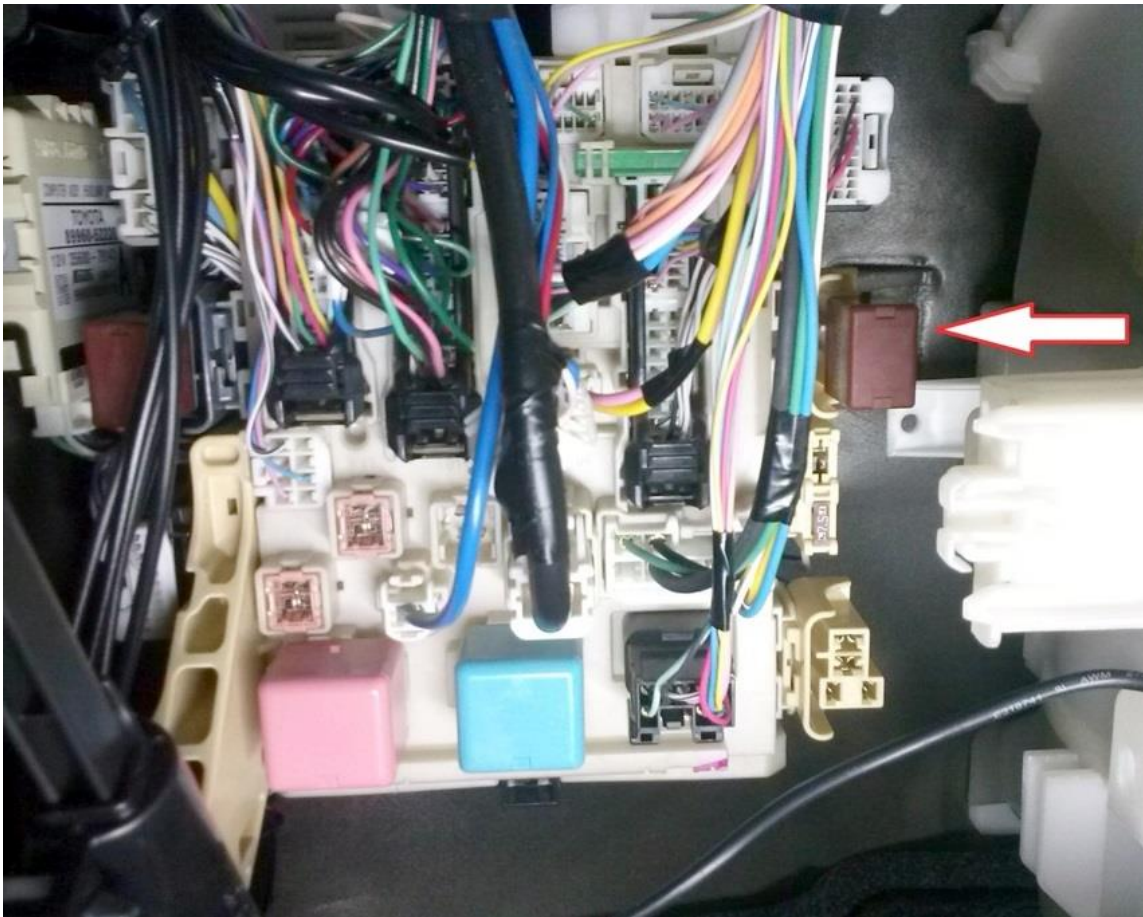
1	10A TAIL – Side Marker Lights, Marker Lights, Tail Lights, License Plate Lights, Multiport Fuel Injection System / Sequential Multiport Fuel Injection System
	7,5A PANEL2 – Engine immobilizer system, entry and start system, front fog lamp, lighting, light reminder, multi-mode manual transmission, rear fog lamp, start, steering lock, taillight, wireless door lock control
2	7,5A PANEL1 – Lighting, dashboard lighting control, counter and sensor

3	7,5A A / C – Heated rear window, air conditioning system
4	20A D DOOR – Window regulator
5	20A RL DOOR – Rear passenger power window (left side)
6	20A RR DOOR – Rear passenger power window (right side)
7	–
8	15A CIG – Cigarette lighter, Socket
9	7,5A ACC – Door locking system, outside rearview mirrors, audio system
10	–
11	10A ID / UP / MIR HTR – Multiport fuel injection system / sequential multiport fuel injection system / Heated mirrors
12	
13	
14	7,5A RR FOG – Rear fog lights
15	7.5A IGN – Multiport fuel injection system / sequential multiport fuel injection system, engine immobilizer system, SRS airbag system, front passenger classification system
16	7,5A MET – Instruments and sensors
17	15A P S-HTR – Heated seat
18	15A D S-HTR – Heated seat
19	20 / 25A WIP – Wiper
20	15A RR WIP – Rear wiper
21	15A WSH – Windshield washer
22	10A ECU-IG – Daytime Running Light System, Antilock Braking System, Electric Power Steering System, Power Windows, Door Lock System, Anti-theft System, Electric Cooling Fan

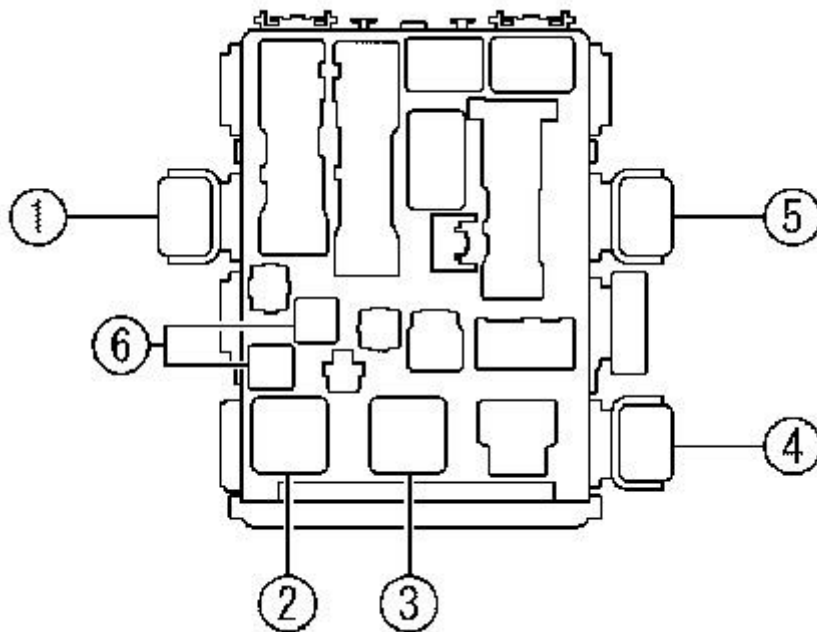
23	10A GAUGE – Charging System, Turn Signals, Hazard Lights, Tail Lights, Dashboard Lighting Control, Gear Shift Lock System, Heated Rear Window, Air Conditioning System, Automatic Transmission System
24	7,5A OBD2 – On-board diagnostic system
25	10A STOP – Stop Lamps, Top Mounted Stop Lamp, Multiport Fuel Injection System / Sequential Multiport Fuel Injection System, Shift Lockout System, Antilock Braking System
26	–
27	25A D / L – Door lock system
28	15A FR FOG – Front fog lights
29	–
30	10A TAIL – Side Marker Lights, Marker Lights, Tail Lights, License Plate Lights, Multiport Fuel Injection System / Sequential Multiport Fuel Injection System
31	25A AM1 – Multiport fuel injection system / sequential multiport fuel injection system

For the cigarette lighter, there is a fuse number 8, 15A, marked on the lid as CIG.

The individual elements are attached to the top of the unit.



Diagram



Assignment

1. ACC relay
2. Ignition system relay
3. Heater relay

4. Rear fog lamp relay
5. Front fog lamp relay
6. 1) 30A Bodywork ECU / Window Electrician (POW) 2) 30 / 40A Heated rear window DEF, fuse:
"MIR HTR"

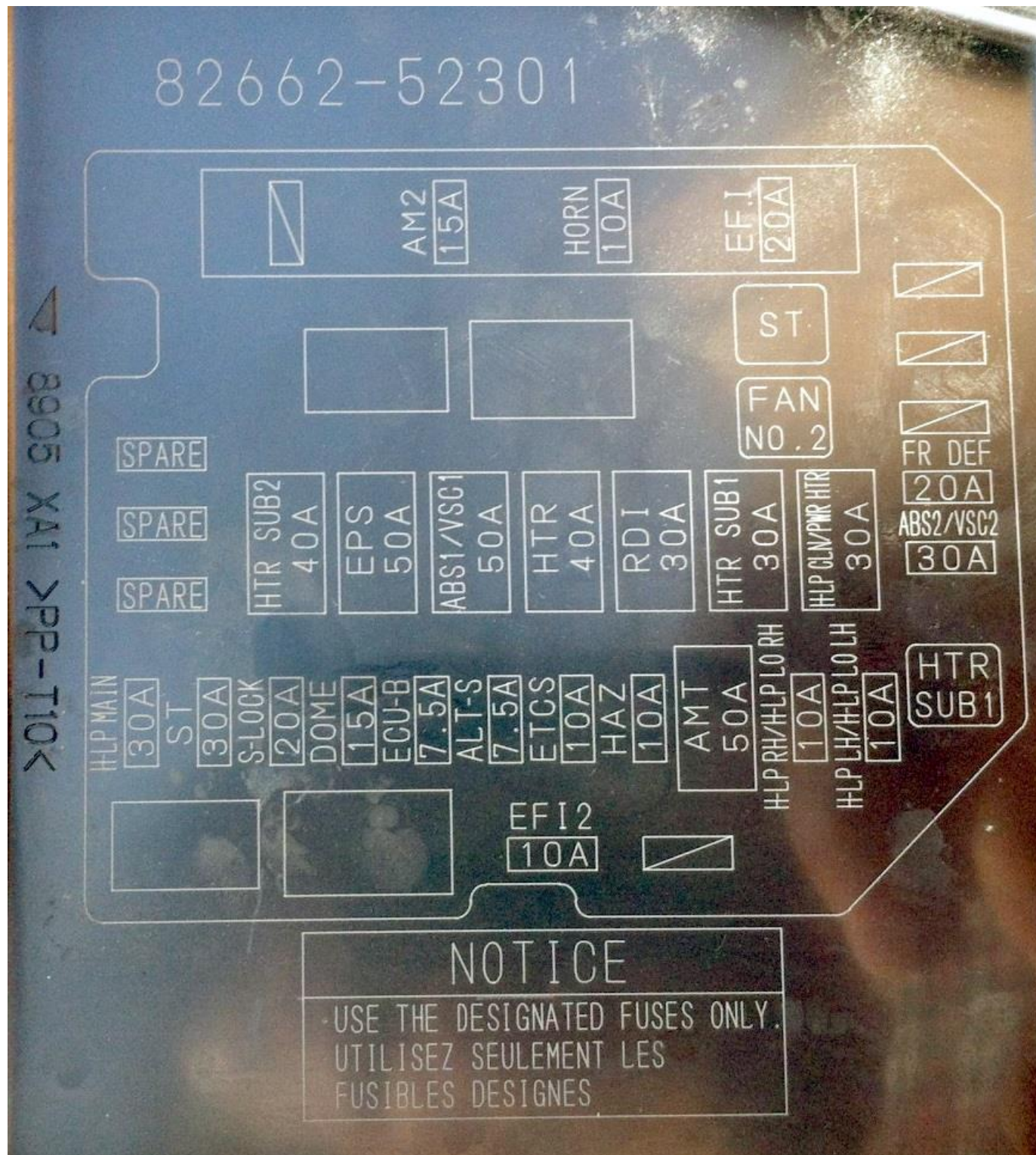
Engine compartment

Under the hood, the main fuse and relay box is located on the left side of the engine compartment next to the battery.

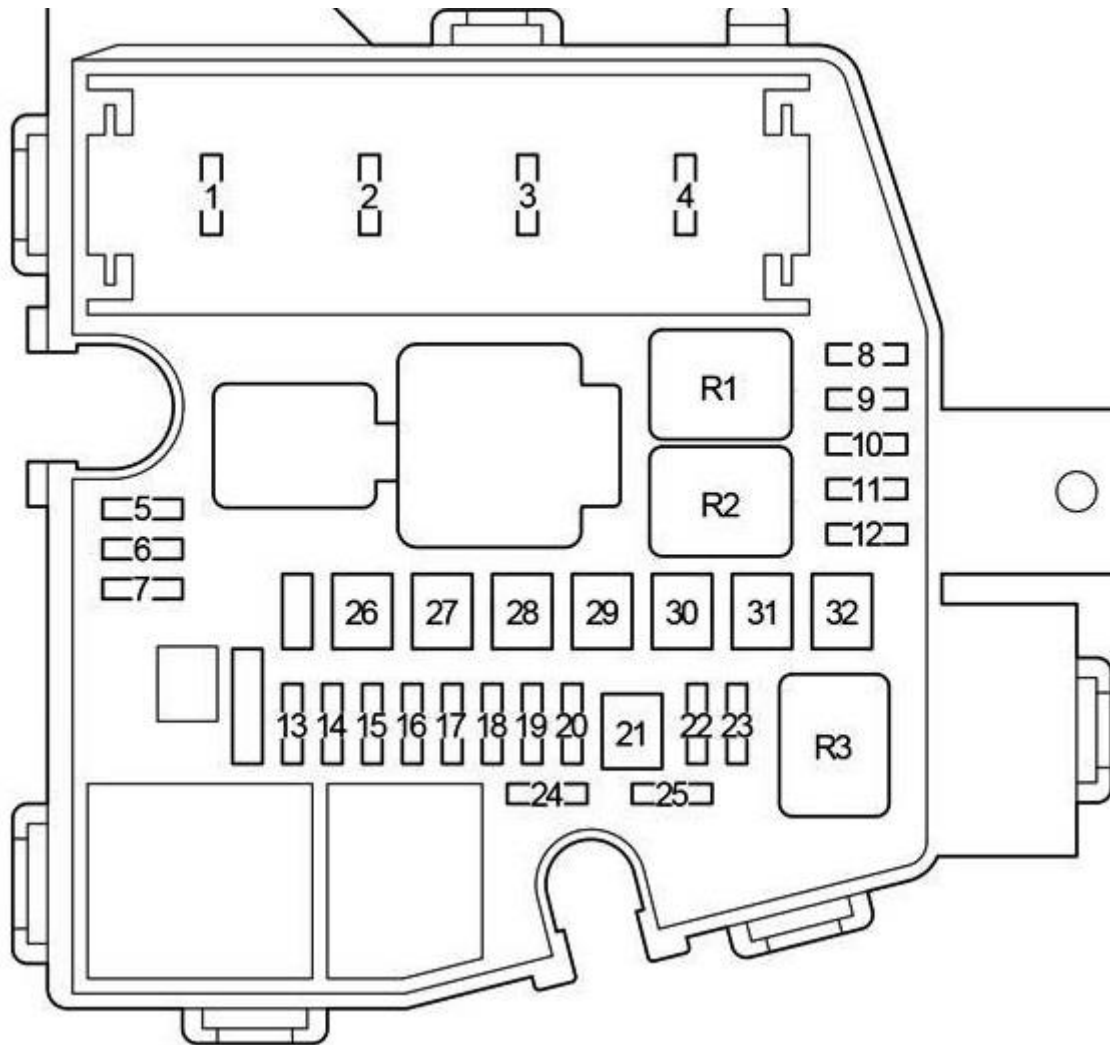
Photo – example



Example of a diagram from the box cover



Diagram



Designation

1	–
2	15A AM2 – Starting system, multiport fuel injection system / sequential multiport fuel injection system
3	20A EFI – Multiport fuel injection system / sequential multiport fuel injection system
	10A HORN – 1NZ-FE, 2NZ-FE, 2SZ-FE, 2ZR-FE, 1KR-FE: Horn
	30A ECD – 1ND-TV: Multiport fuel injection system / sequential multiport fuel injection system
4	10A HORN – 1KR-FE, 1ND-TV: Buzzer
	20A EFI – 1NZ-FE, 2NZ-FE, 2SZ-FE, 2ZR-FE, 1KR-FE: Multiport fuel injection system / sequential multiport fuel injection system

	30A ECD – Diesel: Multiport Fuel Injection System / Sequential Multiport Fuel Injection System (TMMF, production from November 2008)
5	Spare fuse
6	Spare fuse
7	Spare fuse
8	
9	
10	
11	20A FR DEF – Heated front glass
12	30A ABS2 / VSC2 – Anti-lock braking system, vehicle stability control system
13	30A H-LP MAIN – 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	30A ST – Starting system
15	20A S-LOCK – Steering lock system
16	15A DOME – Interior lighting, personal lighting, anti-theft system, audio system, wireless remote control system
17	7.5A ECU-B – Engine immobilizer system, daytime running light system, front seat passenger classification system, power windows, door lock system, anti-theft system, meter and sensor
18	7,5A ALT-S – Charging system
19	10A ETCS – Multiport fuel injection system / sequential multiport fuel injection system, electronic throttle control system
20	10A HAZ – Direction indicators, emergency flashers
	50A AMT – Multi-mode Manual Transmission
21	40A BBC – Stop and Start System
22	10A H-LP RH – Right headlight

23	10A H-LP LH – Left headlight
24	10A EFI2 – Petrol: Multiport fuel injection system / sequential multiport fuel injection system
	10A ECD2 – Diesel: Multiport fuel injection system / sequential multiport fuel injection system
25	7.5A ECD3 – Diesel: Multiport fuel injection system / sequential multiport fuel injection system
26	40A HTR SUB2 – 435W Type: PTC Heater
	50A HTR SUB1 – 600W type: PTC heater
27	50A EPS – Electric power steering
28	50A ABS1 / VSC1 – Anti-lock braking system, vehicle stability control system
29	40A HTR – Air conditioning system
30	30A RDI – Electric cooling fan
31	30A HTR SUB1 – 435W Type: PTC Heater
	30A HTR SUB2 – Type 600W: PTC heater
32	30A H-LP CLN // PWR HTR – Electric heater, headlight cleaner
	30A HTR SUB3 – Type 600W: PTC heater
Relay	
R1	Starter (ST)
R2	Electric cooling fan (FAN NO.2)
R3	PTC heater (HTR SUB1)

Separate additional relay elements can be located outside this block.

If you have something to add – write in the comments.