

Toyota bB (Scion xB) fuse and relay

Toyota bB 1 generation was produced in 2000, 2001, 2002, 2003, 2004, 2005, 2006 and 2007. In some countries it is known as **Scion xB**. In this article, we show a description of Toyota bB Scion xB fuses and relays with box diagrams and their locations and locations. Highlight the cigarette lighter fuse.

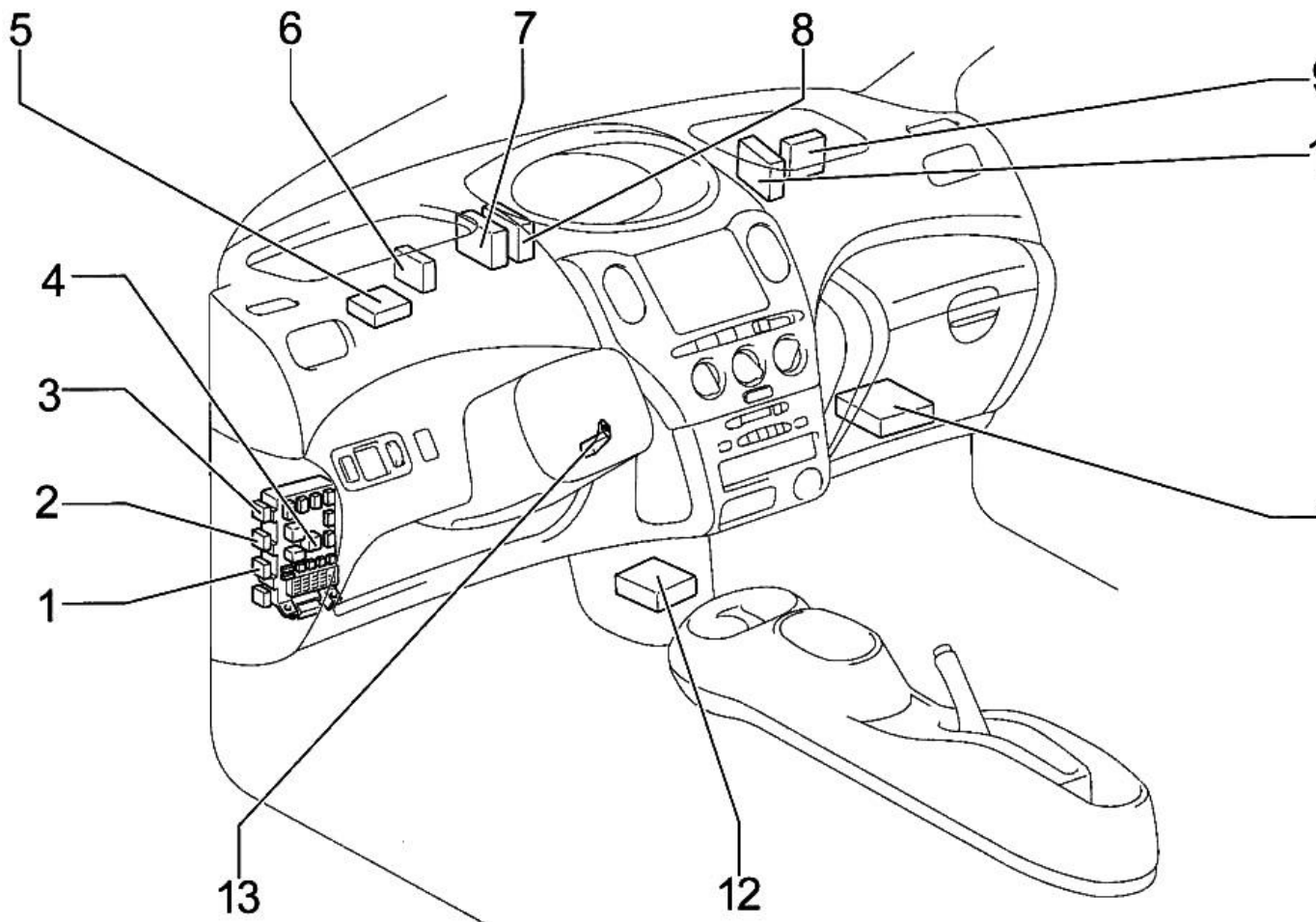


The arrangement of the boxes and their design may differ from the one shown and depend on the region of delivery and the year of manufacture of your car.

Passenger compartment

Location

General layout of boxes in the cabin



Assignment

1. Front fog light relay
2. Heated rear window relay
3. Side light relay
4. Fuse box
5. Door lock receiver
6. Active light relay
7. Daytime running light relay
8. Door lock relay
9. Air conditioner amplifier
10. PTC auxiliary heater amplifier
11. Engine and transmission control unit (A / T), engine control unit (M / T)
12. Central airbag unit
13. Key transponder amplifier

Fuse and relay box

It is located under the panel, behind the protective cover, in the general diagram it is indicated at number 17.

RHD



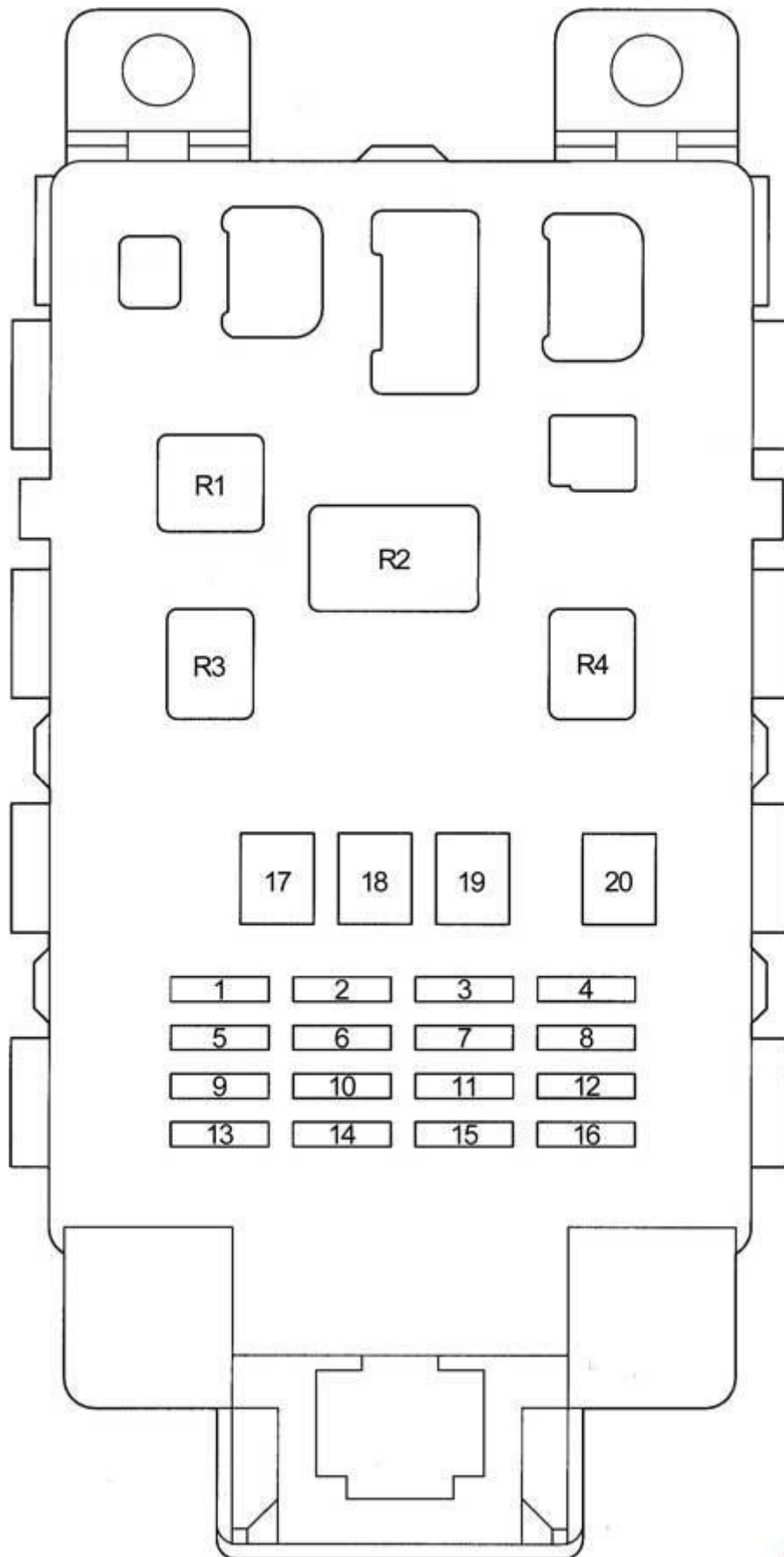
LHD



Photo – an example of execution



Diagram



Protected components

1	10A GAUGE – Instruments, ABS, air conditioning, reversing lamps, charging system, instrument cluster, dual lock, door lock control unit, engine control unit, gearbox control unit, daytime running lights, warning buzzer, sunroof, power windows, transmission selector lock gear, direction indicators, alarm, heater
2	10A DEF RLY – Heated rear window, heated mirrors
	20A DEF – Heated rear window, heated mirrors
3	25A D / L – Double lock, door lock control unit
4	7.5A TAIL – Front fog light, headlights, headlight range control, warning buzzer, rear fog light, side light
5	–
6	20A WIPER – Front wiper and washer, rear wiper and washer, door lock
7	7.5A ECU – B – Headlights, rear fog light
8	15A FOG – Front fog light
9	15A ACC – Cigarette lighter, clock, instrument cluster, warning buzzer, multi-information display, socket, audio system, power mirrors
10	7.5A ECU-IG – ABS, interior lighting, multi-information display, auxiliary heater (PTC), cooling fan, SRS airbag system, heater
11	7.5A OBD – Diagnostic connector
12	10A HAZ – Direction indicators, alarm
13	7,5A A.C – Air conditioning, heater
14	10A S-HTR – Heated seats
15	–
16	10A STOP – Engine control unit, gearbox control unit, gearbox selector lock, brake light
17	50A AM1 – Fuses: “ACC”, “GAUGE”, “DEF” (“DEF RLY”), “S-HTR”, “WIPER”, “ECU – IG”
18	30A POWER – Windows, sunroof

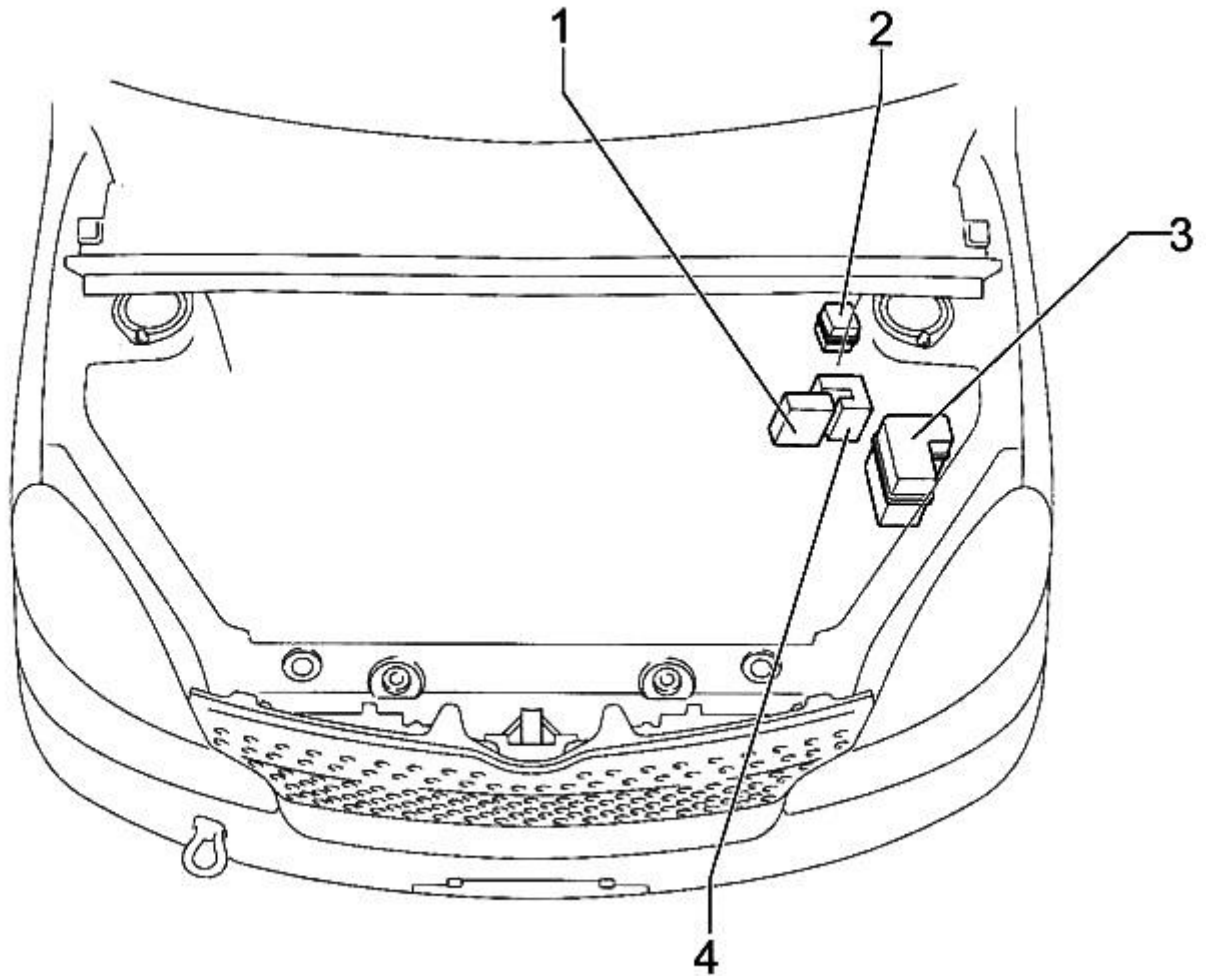
19	40A HTR – Air conditioning, heater
20	30A DEF – Heated rear window, heated mirrors
Relay	
R1	Heater
R2	Hazard warning lights (turn signals)
R3	Power relay (windows, sunroof)
R4	Fuel Pump (Circuit Opening (C / OPN))

The fuse number 9, 15A, is responsible for the operation of the cigarette lighter, another fuse is located in the block under the hood.

Engine compartment

Location

General arrangement of boxes under the hood



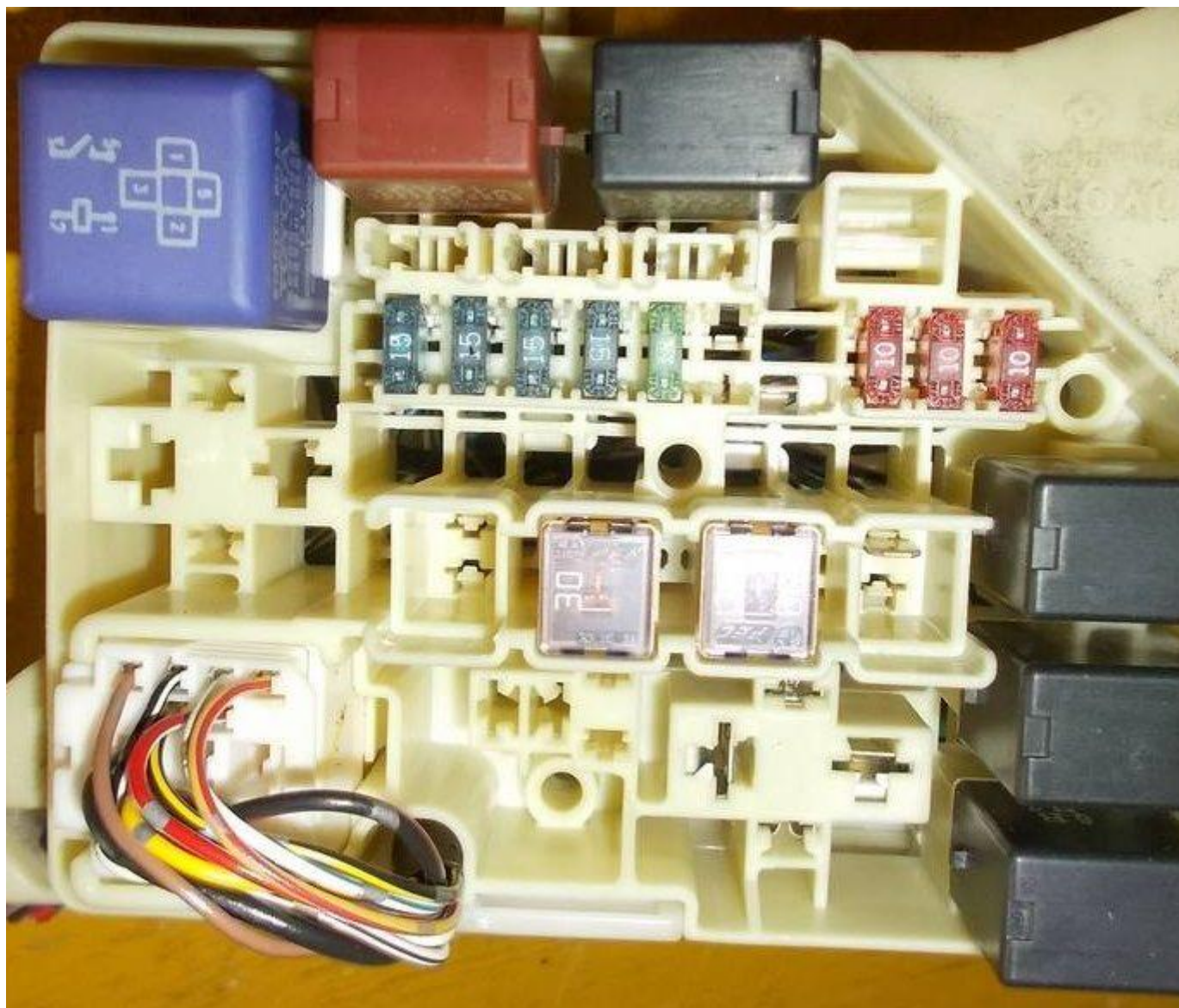
Assignment

1. Power fuse box
2. Additional fuse box
3. Fuse and relay box
4. ABS control unit

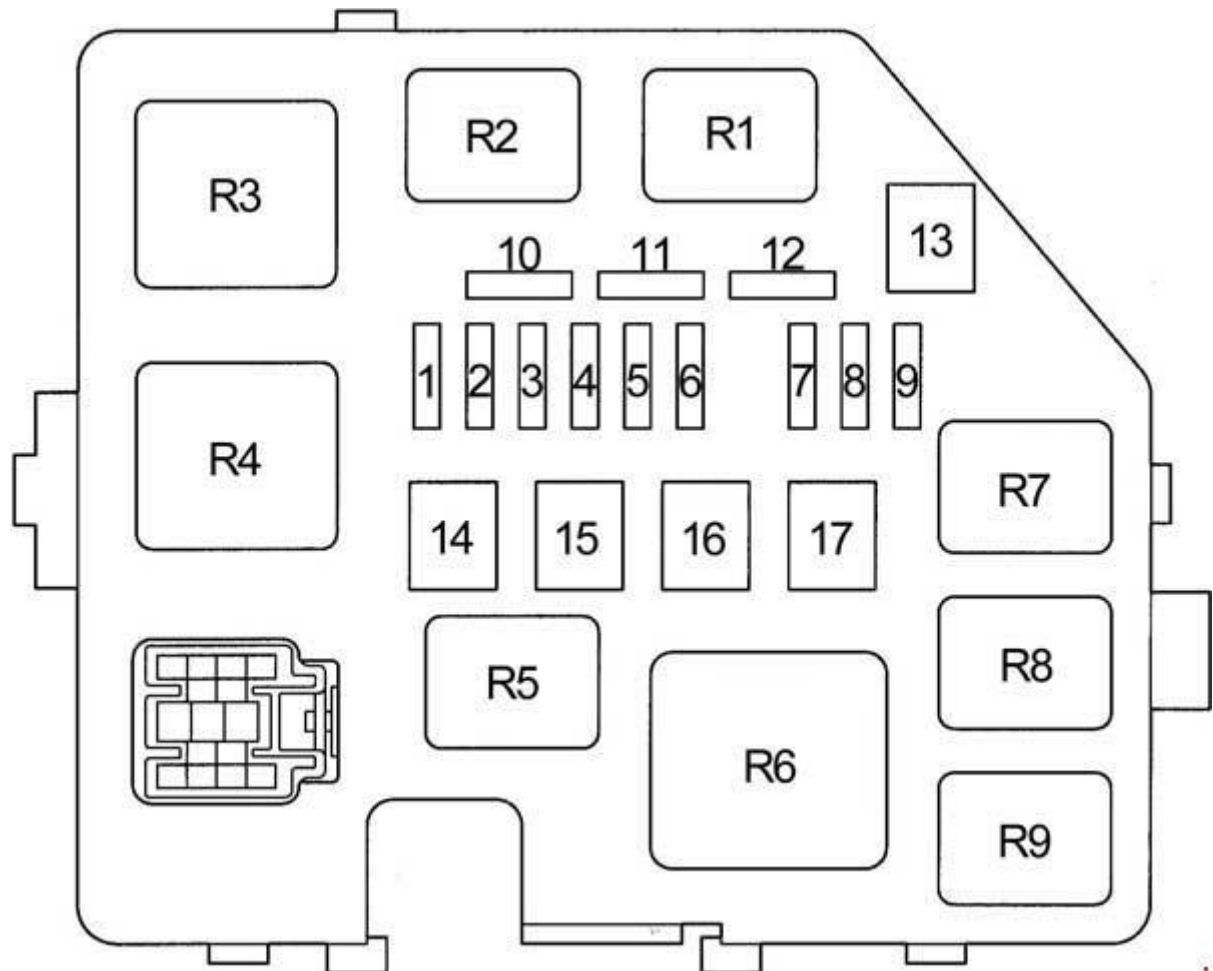
Fuse and relay box

This unit is located on the left side of the engine compartment, next to the battery.

Photo



Diagram



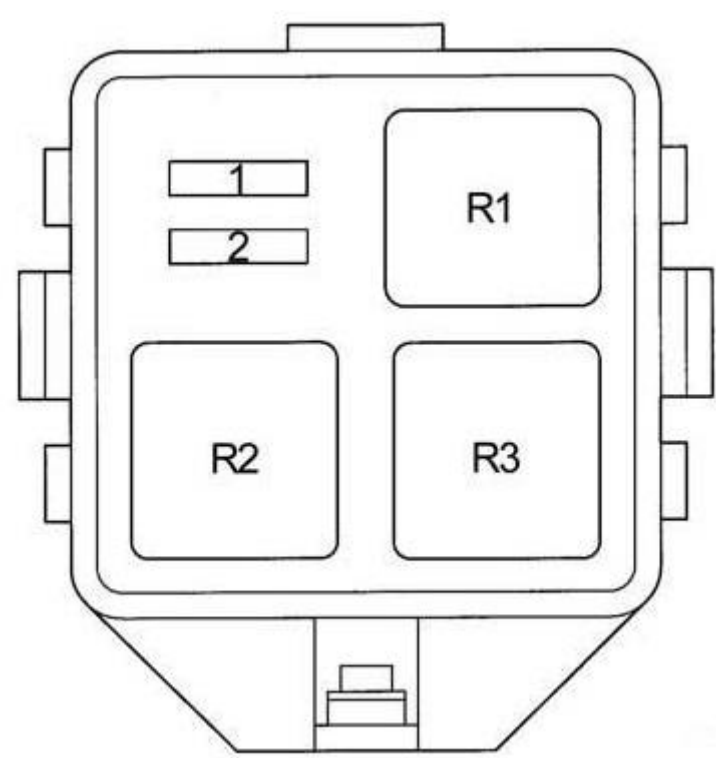
Designation

1	15A DOME – Clock, instrument cluster, dual lock, headlights, interior lighting, warning buzzer, multi-information display, audio system, door lock control unit
2	15A EFI – Engine control unit, immobilizer, transmission control unit
3	15A HORN – Sound signal
4	15A AM2 – Charging system, instrument cluster, engine control unit, immobilizer, gearbox control unit, multi-information display, SRS airbag system, ignition system
5	30A ST – Starting system
6	–
7	10A H – LP LH – Left headlight, headlight range control
8	10A H – LP RH – Left headlight, headlight range control
9	15A P / POINT – Socket

10	Spare fuse
11	Spare fuse
12	Spare fuse
13	–
14	–
15	30A RDI – Cooling fan
16	50A HTR SUB1 – Auxiliary heater (PTC)
17	–
Relay	
R1	Cooling fan
R2	Cooling fan
R3	Starter
R4	–
R5	Power socket
R6	Auxiliary heater (PTC)
R7	EFI
R8	A / C Compressor Clutch
R9	Sound signal

Additional box

Diagram

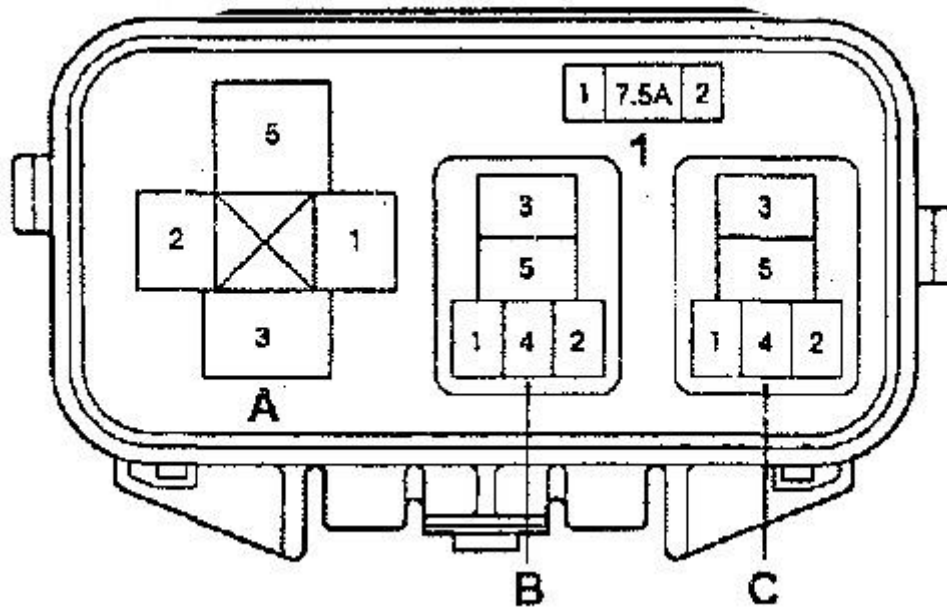


Protected components

1	10A H-LP HI RH – Headlights (daytime running lights)
2	10A H-LP HI LH – Instrument cluster, headlights (daytime running lights)
Relay	
R1	Headlights
R2	Dimmer (DIM)
R3	–

ABS box

Diagram



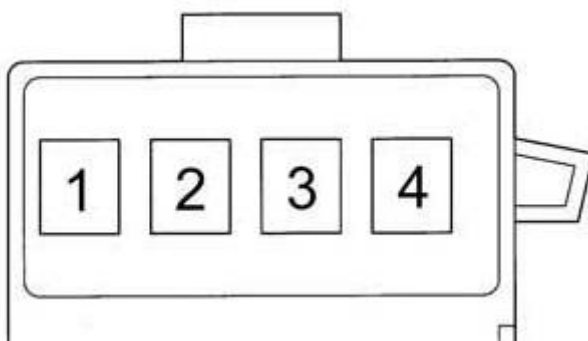
Assignment

- 1 – ABS fuse # 3 (models without VSC); no (models with VSC)
- A – no (models without VSC); ABS MTR relay (models with VSC)
- B – ABS MTR relay (models without VSC); ABS CUT relay (models with VSC)
- C – ABS SOL relay (models without VSC); no (models with VSC).

Power fuse box

It is located on the positive terminal of the storage battery and is made in the form of high-power fuse-links.

Diagram



Designation

1. 60A MAIN – Fuses: “EFI”, “DOME”, “HORN”, “ST”, “AM2”, “H – LP LH”, “H – LP RH”, “H – LP LH (HI)”, “H – LP RH (HI)”, “H – LP LH (LO)”, “H – LP RH (LO)”
2. 80A – “START / STOP” system
3. ALT 100 / 120A – Fuses: “ECU-B”, “TAIL”, “D / L”, “OBD”, “RDI”, “AM1”, “HAZ”, “HTR”, “HTR-SUB1”, “POWER”, “STOP”, “DEF”, Charging system
4. 60A ABS – ABS

