

Toyota Auris 1G fuse and relay

The 1st generation **Toyota Auris** was produced in 2007, 2008, 2009, 2010, 2011, 2012 and 2013 as a hatchback and delivered worldwide. During this time, the model has been restyled. In this material you will find information designation the location of electronic control units, consider in detail the Toyota Auris fuse and relay boxes with diagrams and photo examples of execution. Highlight the cigarette lighter fuse.

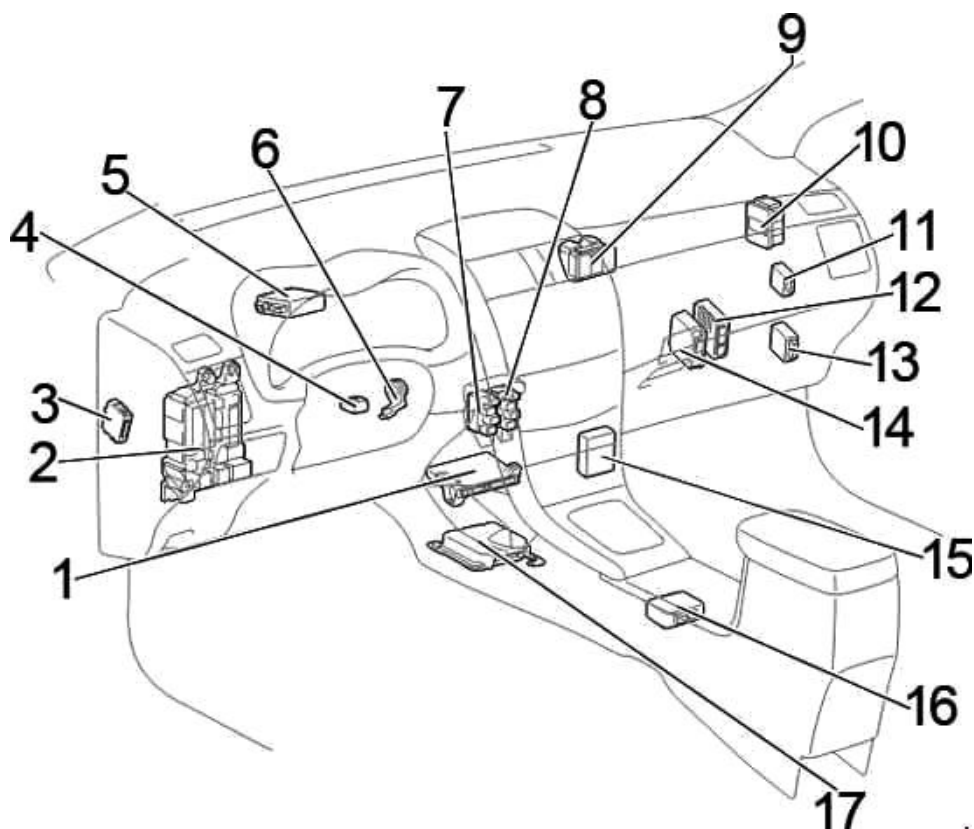


The number of elements in the boxes and their purpose may differ from the one presented. Check the description with your diagrams on the protective cover of the unit.

Passenger compartment

Layout

General layout of boxes in the cabin



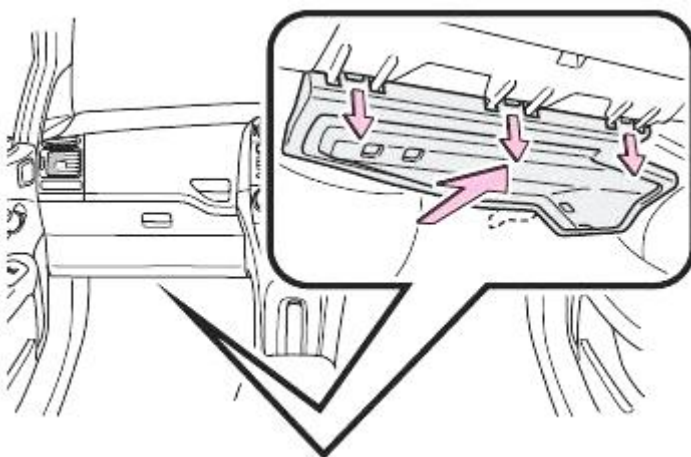
Assignment

1. Air conditioner control unit
2. Fuse Box / Body ECM
3. LHD: Headlight range control unit
4. Steering lock control unit
5. Power steering control unit
6. Key transponder amplifier
7. Relay box No. 1
8. Relay box No. 2
9. Distribution block
10. Distribution block
11. Wiper relay
12. LHD : Gearbox control unit (Multi-mode)
13. Engine and transmission control unit
14. Start-stop system control unit
15. Multimedia interface control unit
16. LHD: Selector lever lock control unit
17. Airbag control unit
18. RHD: Turn signal relay

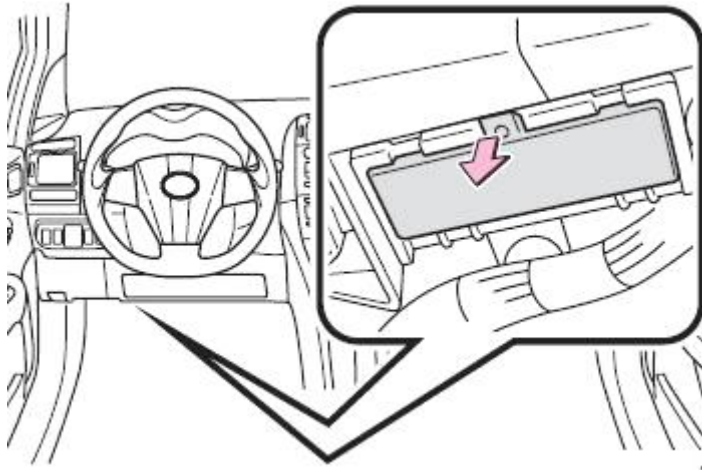
Fuse box

It is located in the passenger compartment under the panel on the left side.

Right hand drive



Left hand drive



To access, press the cover latch.



Example of assignment from the cover

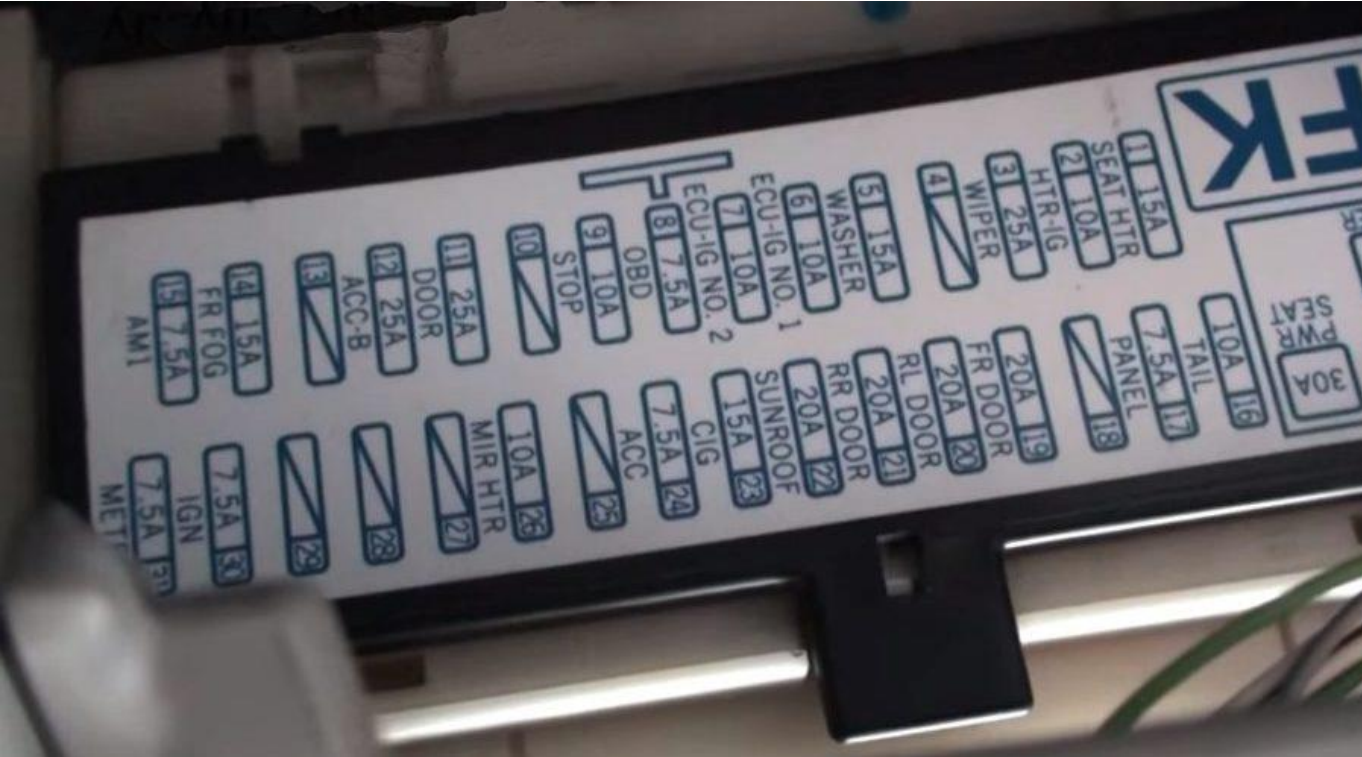


Photo – scheme



Designation

1	7.5A AM1 – Starting system, multiport fuel injection system / sequential multiport fuel injection system, fuses: “CIG”, “ACC”
2	15A FR FOG – Front fog light
3	–

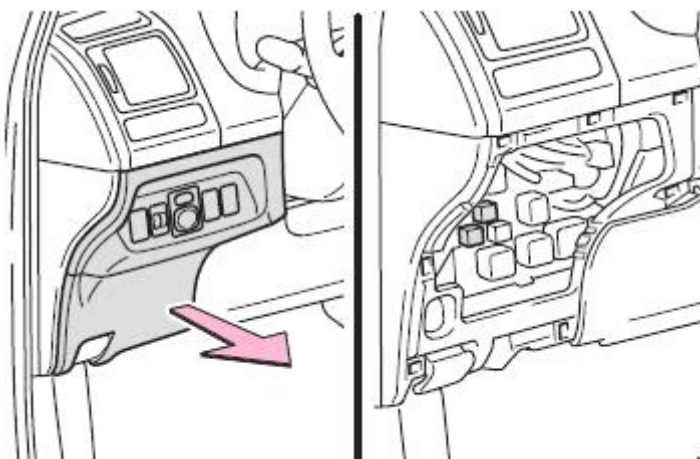
4	25A ACC-B – Fuses: “CIG”, “ACC”
5	25A DOOR – Central locking
6	–
7	10A STOP – Stop lamps, auxiliary brake light, ABS, VSC, body ECM, multiport fuel injection system / sequential multiport fuel injection system, transmission control unit
8	7,5A OBD – Diagnostic connector
9	10A ECU-IG NO.2 – Reversing lamps, charging system, auto-dimming interior mirror, monitor, sunroof, heated rear window, air conditioning, direction indicators, hazard warning lights, front passenger seat belt indicator, start-stop system, assistance system when parking
10	10A ECU-IG NO.1 – without start-stop system: Automatic headlight range control, body ECM, electric power steering, cooling fan (s), gear selector lock, rain sensor, ABS, VSC, audio system, navigation, multiport fuel injection system / sequential multiport fuel injection system, headlight cleaners, smart entry and start system
11	15A WASHER – Washer for glass
12	–
13	25A WIPER – Wiper, rain sensor
14	10A HTR-IG – Air Conditioning, Heated Rear Window, Auxiliary Heater
15	15A SEAT HTR – Heated seats
16	10A TAIL – Side light, license plate light, rear fog light, front fog light, headlight range control, multiport fuel injection system / sequential multiport fuel injection system, instrument panel illumination
17	7,5A PANEL – Light switch, instrument panel light, glove box light, steering wheel switches, body control unit
18	10A ECU-IG NO.1 – with start-stop system: Automatic headlight range control, body ECM, electric power steering, cooling fan, gear selector lock, rain sensor, ABS, VSC, audio system, navigation, system multiport fuel injection / sequential multiport fuel injection system, headlamp cleaners, intelligent entry and start system, start-stop system
19	20A FR DOOR – Glass lifters
20	20A RL DOOR – Glass lifters

21	20A RR DOOR – Glass lifters
22	20A SUNROOF – Hatch
23	15A CIG – Cigarette lighter
24	7.5A ACC – Power Mirrors, Audio System, Navigation, Gear Selector Lock, Body ECM, Smart Entry and Start System, Start / Stop System
25	
26	10A MIR HTR – Heated mirrors, multiport fuel injection system / sequential multiport fuel injection system
27	
28	
29	7,5A RR FOG – Rear fog light
30	7.5A IGN – Steering Locks, Airbags, Transmission Control Module, Multiport Fuel Injection System / Sequential Multiport Fuel Injection System, Intelligent Entry and Start System, Start-Stop System
31	7,5A METER – Instrument cluster, start-stop system

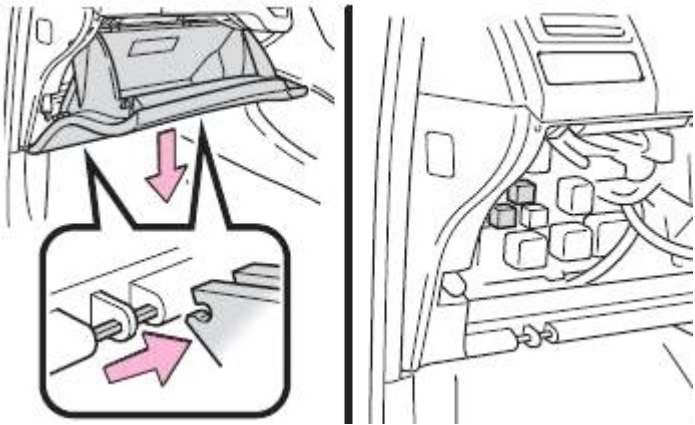
For the cigarette lighter, there is a fuse number 23 15A designated as CIG

Upper section of the block

To access it, you need to remove the panel protection for left-hand drive models.



Or a glove compartment for right-hand drive models.



Diagram



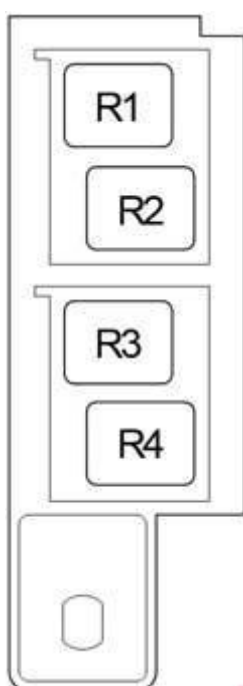
Designation

F1	30A Bodywork ECU / Window Electrician
F2	30 / 40A Power supply for turn signal relay / Heated rear window, fuse: "MIR HTR"
F3	30A Heated seats
R1	Relay – turn signal interrupter
R2	Heater relay
R3	Relay "IG1" – ignition system

Relay box No. 1



Diagram

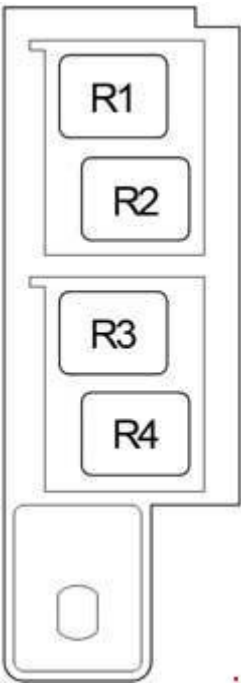


Appointment

R1	Starter (ST)
R2	Rear fog light (RR FOG)
R3	Auxiliary relay (ACC)
R4	Auxiliary relay (ACC CUT)

Relay box No. 2

Diagram



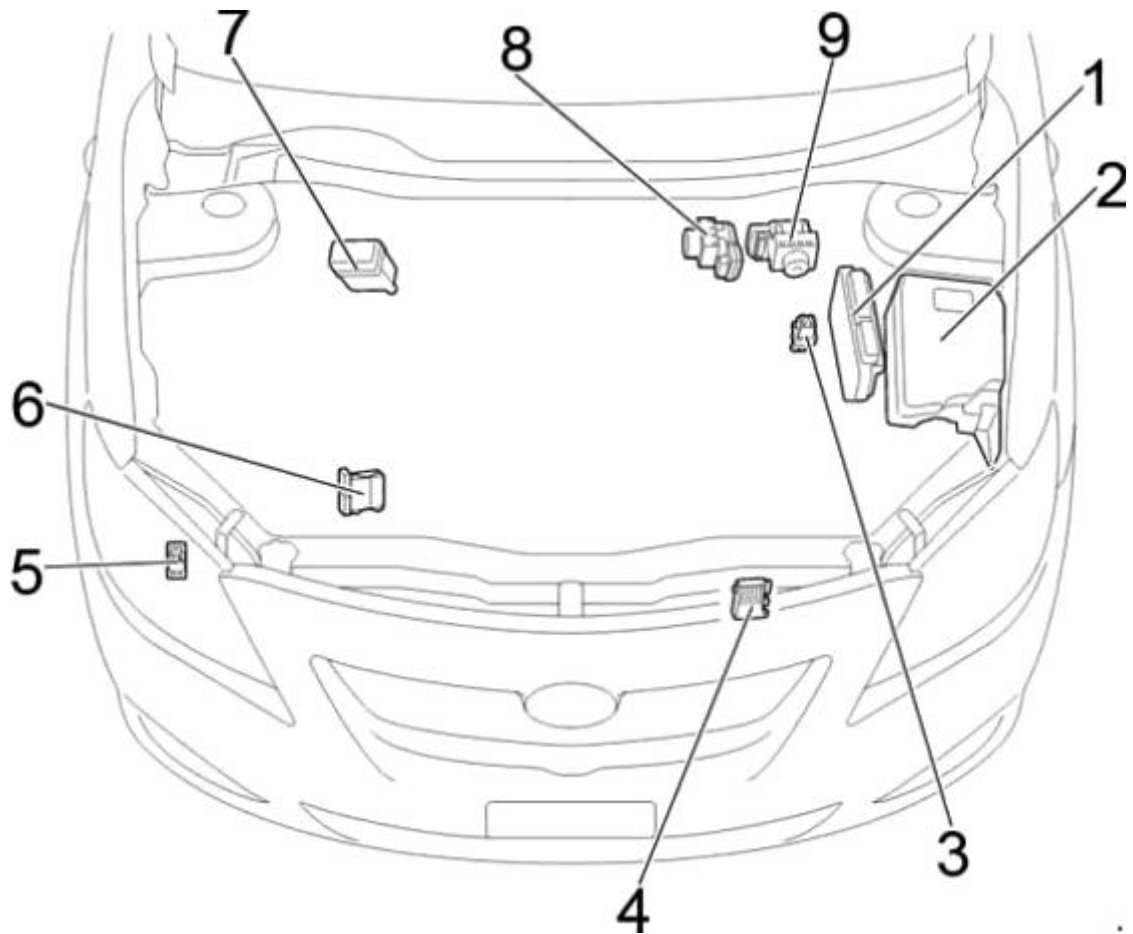
Functions

R1	Front fog light (FR FOG)
R2	Starter (ST CUT)
R3	Panel (PANEL)
R4	Reserve

Engine compartment

Location

General arrangement of boxes under the hood



Assignment

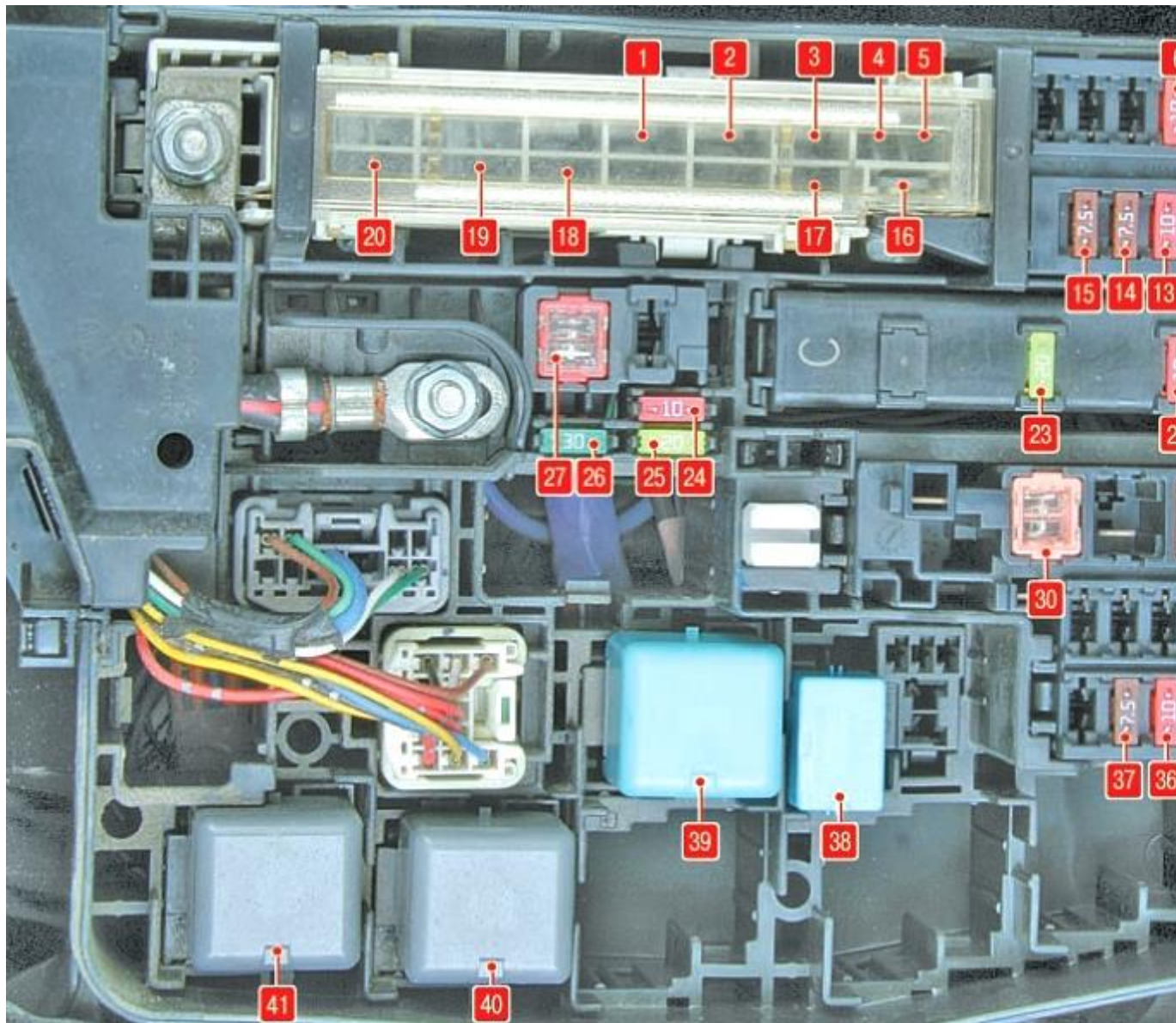
1. The engine control unit
2. Main fuse and relay box
3. Glow plug relay
4. Cooling fan control unit
5. LHD: Headlight wiper relay
6. Injector control unit (EDU)
7. Relay box
8. Petrol: Brake control unit
9. Diesel: Brake control unit

Main fuse and relay box

Installed on the left side under the soot space.

Type 1

Diagram



Appointment

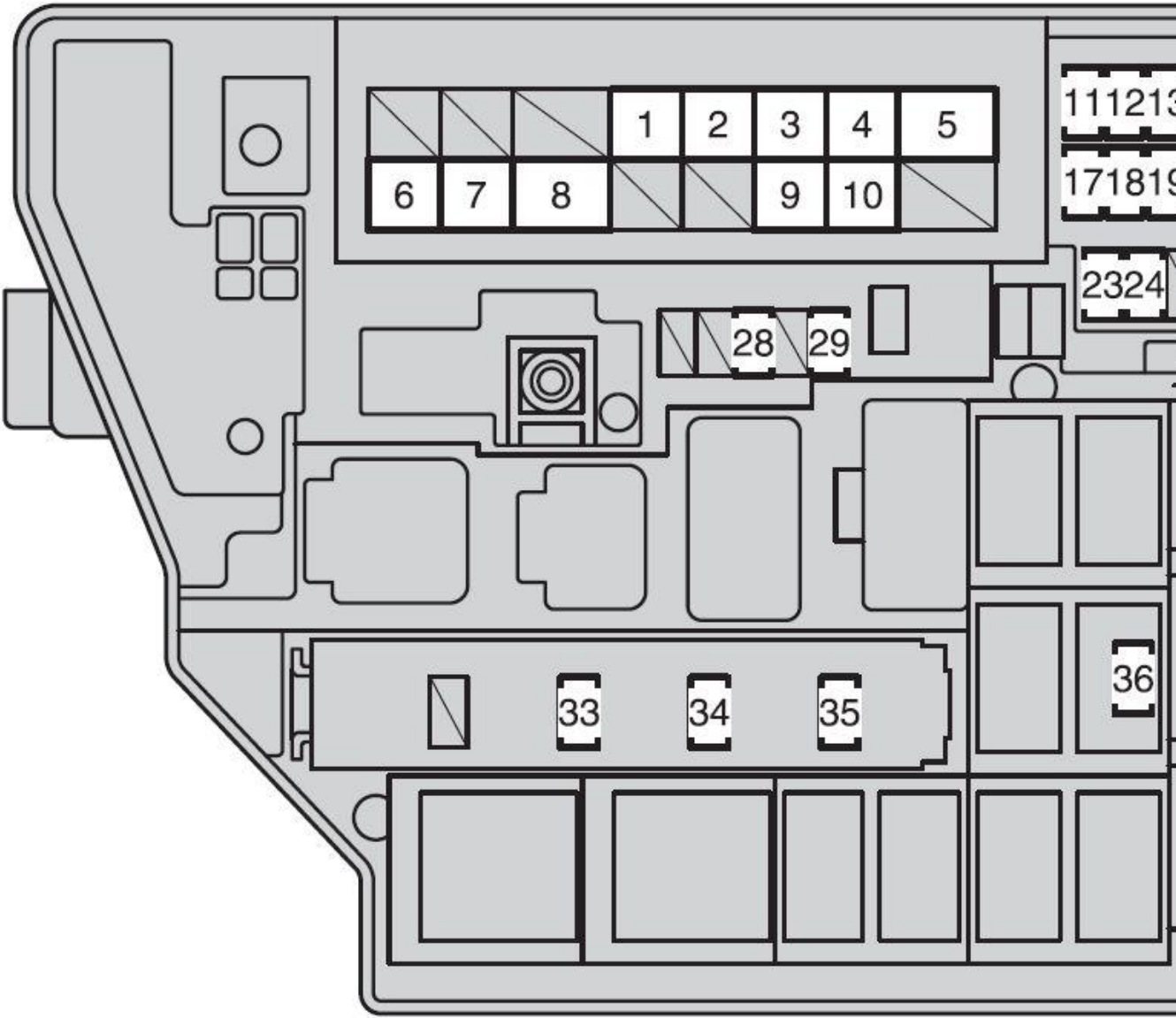
F1	30A H-LP CLN – Headlight washer
F2	45A RDI FAN – Cooling fan
F3	30A ABS NO.3 – ABS и VSC
F4	50A ABS NO.1 – ABS и VSC
F5	50A HTR – Air Conditioning
F6	10A ECU-B2 – Robotic transmission, air conditioning, Smart Entry system
F7	10A ECU-B – Instrumentation, electrical control unit, VSC, central locking, drive glass lifters

F8	15A RAD NO.1 – Audio system
F9	10A DOME – Interior lighting, trunk lighting, Smart Entry system
F10	20A STRG LOCK – Steering lock system
F11	30A AM2 – Engine starting system, Smart Entry system, injection system
F12	10A ETCS – Throttle Control System
F13	10A TURN-HAZ – Direction indicators and hazard warning lights
F14	7,5A ALT-S – Battery charging system
F15	7,5A AM2 NO.2 – Electrical equipment control unit
F16	50A H-LP MAIN – Headlights
F17	50A P / I – Fuel injection system
F18	80A GLOW – Engine preheating system (for diesel engines)
F19	60A EPS – Electric power steering
F20	120A ALT – Battery charging system
F21	15A IG2 – Fuel injection system, Smart Entry system
F22	10A HORN – Sound signal
F23	20A EFI MAIN – Fuel injection system
F24	Reserve
F25	Reserve
F26	Reserve
F27	50A AMT – Robotic transmission
F28	30A HTR SUB NO.3 – Air conditioner
F29	30A HTR SUB NO.2 – Air conditioner
F30	30A HTR SUB NO.1 – Air conditioner

F31	10A H-LP LH LO – Right headlight (low beam)
F32	10A H-LP RH LO – Left headlight (low beam)
F33	10A H-LP LH HI – Right headlight (high beam)
F34	10A H-LP RH HI – Left headlight (high beam)
F35	10A EFI NO.1 – Injection system
F36	10A EFI NO.2 – Injection system
F37	7.5A IG2 NO.2 – Start system, Smart Entry system
38	FR DEICER – Cooling fan relay
39	IGT / INJ – Headlight switch relay
40	AMT – Robotic transmission relay
41	H-LP – Headlight relay

Type 2

Diagram



Designation

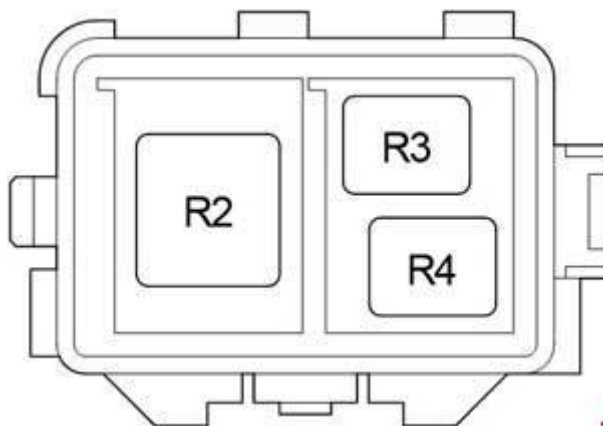
1	30A CDS FAN – Electric cooling fan (s)
2	40A RDI FAN – Electric cooling fan (s)
3	30A ABS NO. 3 – Anti lock braking system, vehicle stability control system
4	50A ABS NO. 1 – Anti lock brake system, vehicle stability control system
5	50A HTR – Air conditioning system
6	120A ALT – Charging system, RDI FAN, CDS FAN, ABS NO. 1, ABS NO. 3, HTR, NUMBER HTR. 1, HTR SUB NO. 3, ACC, CIG, METER, IGN, ECU-IG NO. 2, HTR-IG, wiper, washer, ECU-IG NO. 1, AM1, DOOR, STOP, FRONT DOOR, POWER, BACK DOOR, BACK DOOR, OBD, ACC-B, FR FOG, DEF, MIR HTR, REAR, PANEL

7	60A EPS – Electric power steering
8	80A GLOW – Candles
9	50A P/I – EFI MAIN, HORN, IG2
10	50A H-LP MAIN – Headlights
11	10A EFI NO. 2 – Emission control system
12	10A EFI NO. 1 – Multiport fuel injection system / sequential multiport fuel injection system
13	10A H-LP RH HI – Right headlight (high beam)
14	10A H-LP LH HI – Left headlight (high beam)
15	10A H-LP RH LO – Right headlight (low beam)
16	10A H-LP LH LO – Left headlight (low beam)
17	10A ETCS – Electronic Throttle Control System
18	10A TURN-HAZ – Direction indicators, emergency flashers
19	7,5A ALT-S – Charging system
20	7.5A AM2 NO. 2 – Multiport fuel injection system / sequential multiport fuel injection system, starting system
21	30A AM2 – Starting system
22	20A STRG LOCK – Steering lock system
23	7,5A IG2 NO.2 – Starting system
24	10A ECU-B2 – Air conditioning system
25	10A ECU-B – Main body ECU, sensor and meters
26	15A RAD NO. 1 – Audio system
27	10A DOME – Trunk lighting, smart key system
28	30A AMP – Audio system

29	10A MAYDAY
30	10A SPARE – Spare fuse
31	30A SPARE – Spare fuse
32	20A SPARE – Spare fuse
33	20A EFI MAIN – Multiport fuel injection system / sequential multiport fuel injection system, EFI NO. 1, EFI NO. 2
34	10A HORN -Signal
35	15A IG2 – Multiport fuel injection system / sequential multiport fuel injection system, starting system, IGN, METER
36	7,5A ST – Starter
37	30A HTR SUB NO. 1 – PTC heater
38	30A HTR SUB NO. 3 – PTC heater
39	15A PWR OUTLET / INVERTER or PWR OUTLET – Socket, cigarette lighter

Additional relay box

Diagram



Designation

R2	Auxiliary heater (HTR SUB NO.1)
R3	Auxiliary heater (HTR SUB NO.3)
R4	Auxiliary heater (HTR SUB NO.2)