

Toyota Windom 3G (Lexus ES 330 330 4G) fuse and relay

The 3rd generation **Toyota Windom** was produced in 2001, 2002, 2003, 2004, 2005 and 2006 in the **V30** body. During this time, the model has been restyled. In some countries it is sold under the name **Lexus ES 300 / 330**. In our material you will find information on the location of electronic control units, description of fuses and relays Toyota Windom 30 (Lexus ES 300 330) with box diagrams and photo examples of their execution. Highlight the cigarette lighter fuse.

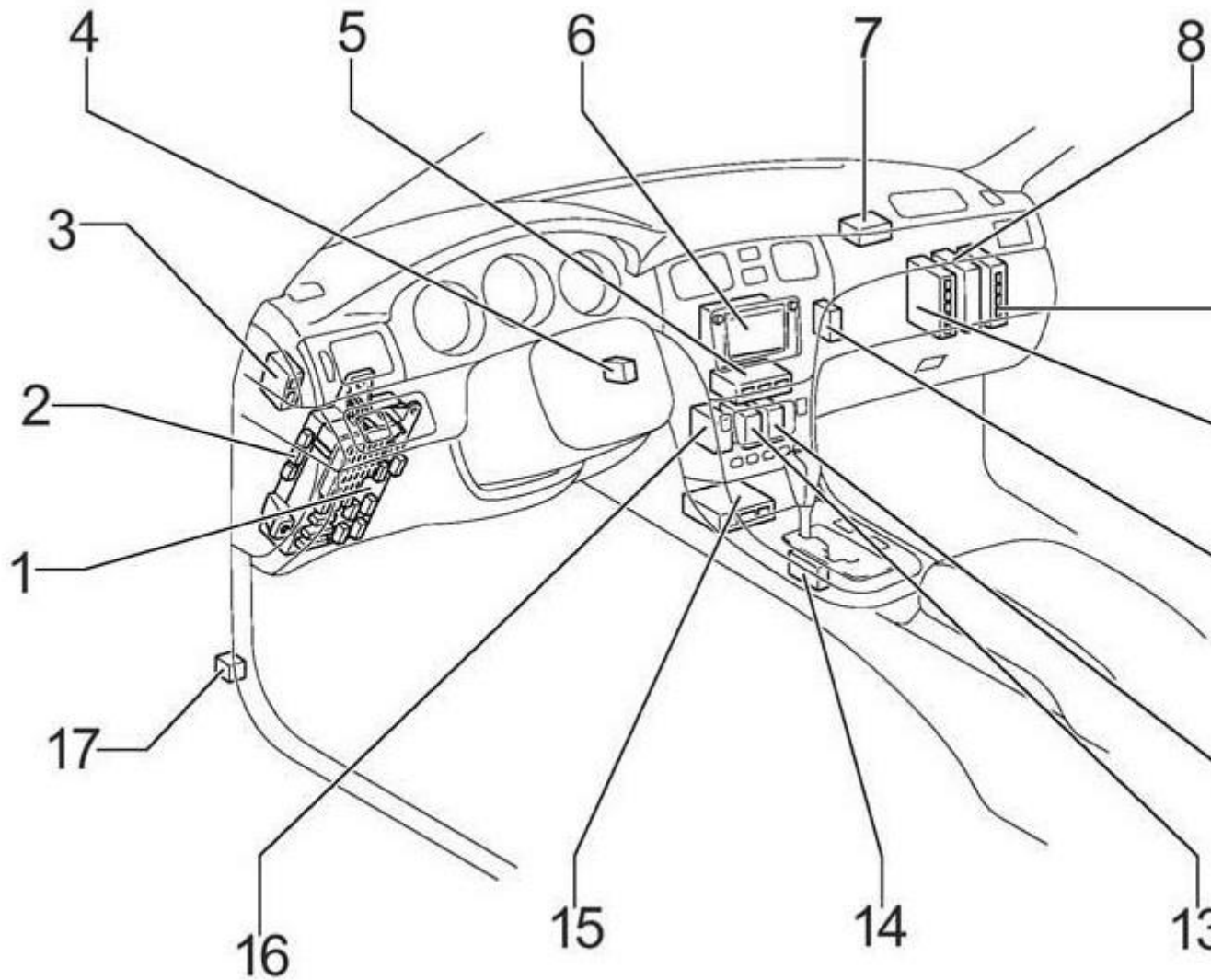


The number of elements in the boxes and their location may differ and depends on the configuration, year of manufacture and region of delivery. Check the purpose of the elements with your diagrams on the box cover.

Passenger compartment

Location

Layout



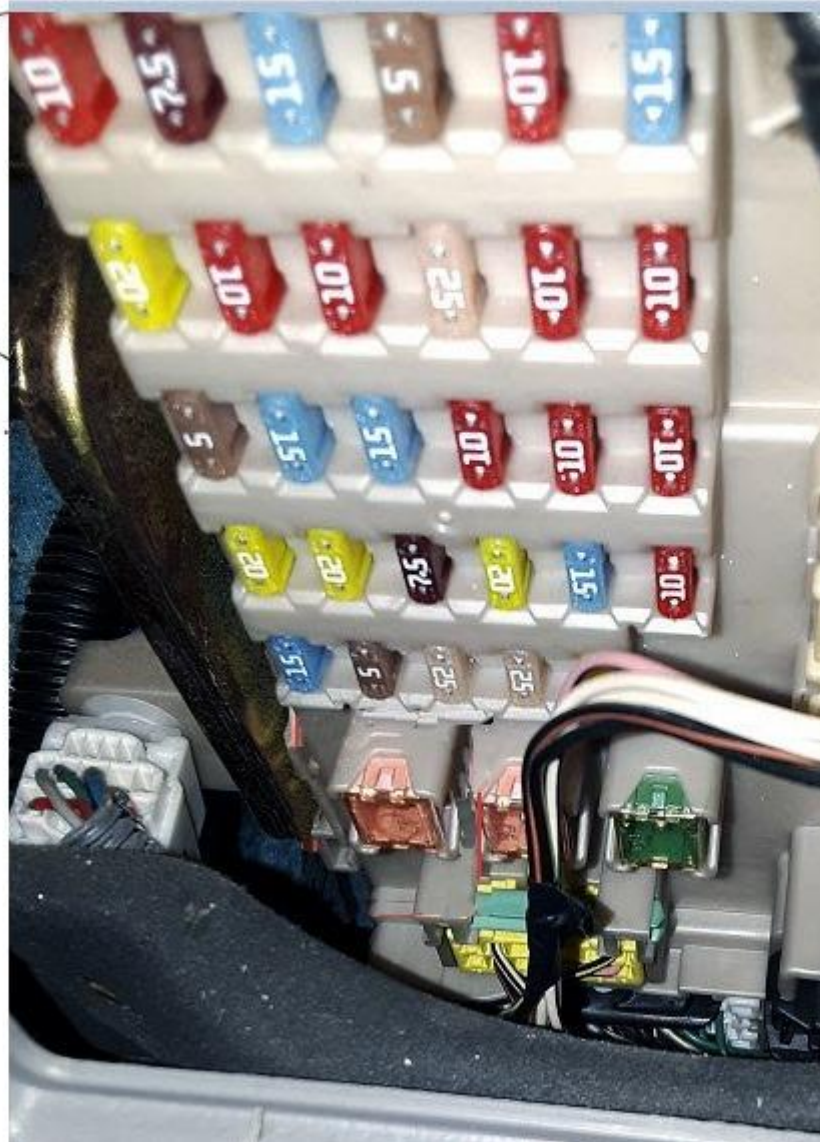
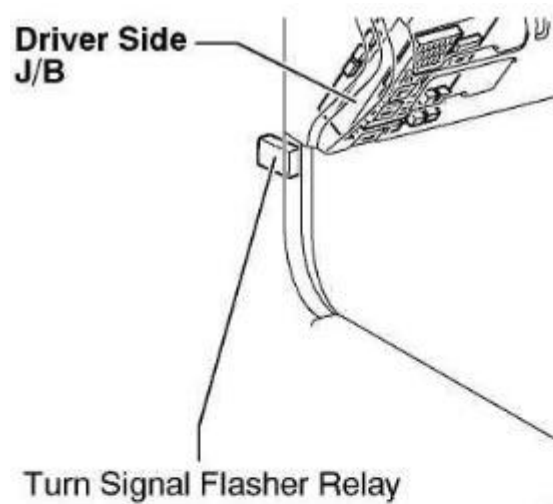
Assignment

1. Fuse box
2. Body electrical control unit
3. Adjustable suspension control unit
4. Key transponder amplifier
5. Air conditioner control unit
6. Radio with display
7. Anti-theft control unit
8. Audio amplifier (except MARK LEVINSON)
9. Skid Control
10. The engine control unit
11. Distribution block

12. Mirror memory unit
13. Headlight range control unit
14. Gear selector lock block
15. Central airbag unit
16. Wiper relay
17. Turn signal relay

Fuse box

Fuse box is located at the bottom of the dashboard, on the driver's side, behind the protective cover.

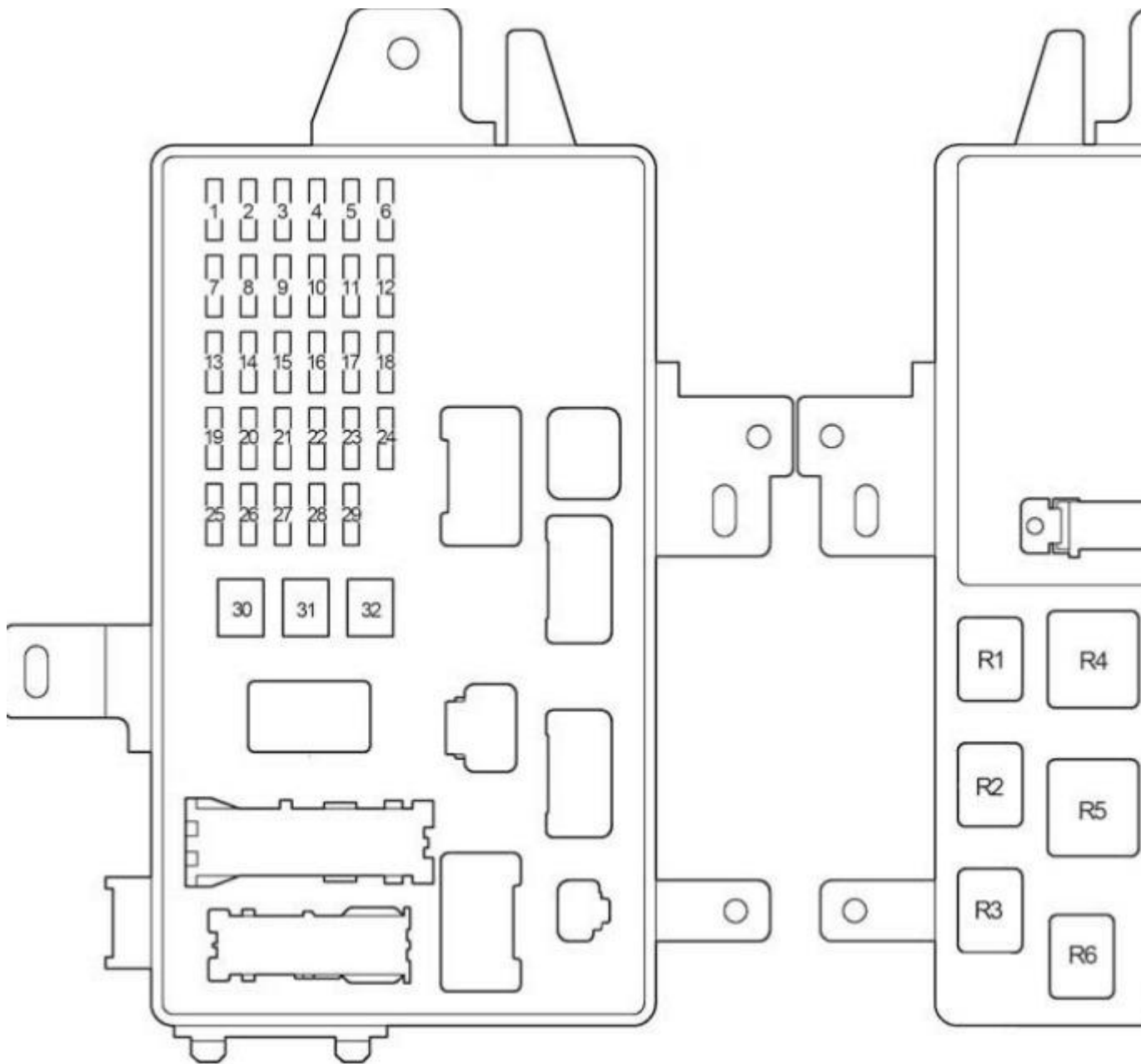


The direction indicator relay is mounted separately on the left pillar.

Example of a diagram from the box cover



Diagram



Description of fuses

1	10A ECU-B – Anti lock braking system, air conditioning, clock, instrument cluster, cruise control, gearbox control unit, automatic transmission indicator, engine control unit, immobilizer, headlights, interior lighting, ignition key buzzer, automatic turn signal deactivation , sunroof, body electrical equipment control unit, audio system, navigation, power windows, seat belt buzzer, anti-theft system, central locking, central locking control unit, vehicle stabilization system
2	7.5A DOME – Ignition switch lighting, interior lighting, personal lighting, vanity mirror lighting, garage door control unit, clock, outside temperature display, multi – information display
3	15A CIG – Cigarette lighter

4	5A ECU-ACC – Clock, instrument cluster, body ECU, mirror control unit
5	10A RAD NO.2 – Audio system, navigation
6	15A POWER POINT – Socket
7	20A RAD NO.1 – Audio system, navigation
8	10A GAUGE1 – Instrument cluster, clock, outside temperature sensor, multi – information display, gearbox selector lock, seat belt buzzer (indicator)
9	10A ECU-IG – Anti-lock braking system, automatic lighting control, headlights, interior lighting, ignition key buzzer, sunroof, body electrical equipment control unit, glass lifters, anti-theft system, central locking,
10	25A WIPER – Screen wiper
11	10A HTR – Air conditioner
12	10A MIR HTR – Heated mirrors
13	5A AM1 – Starting system
14	15A FOG – Front fog light
15	15A SUN – SHADE – Rear curtain
16	10A GAUGE2 – Auto-dimming interior mirror, compass, sunroof, reversing lamps, automatic transmission indicator, cruise control
17	10A PANEL – Glove box lighting, clock, outside temperature display, multi – information display, instrument cluster lighting, overdrive indicator
18	10A TAIL – Side light, license plate light
19	20A PWR NO.4 – Rear left power window
20	20A PWR NO.2 – Driver's side window lifter, passenger door lock
21	7,5A OBD – Diagnostic connector
22	20A SEAT HTR – Heated seats
23	15A WASHER – Washer of a windshield
24	10A FAN RLY – Cooling fan

25	15A STOP – Brake Light Bulbs, Secondary Brake Light, Anti Lock Braking System, Cruise Control
26	5A FUEL OPEN – Fuel filler flap
27	25A DOOR NO.2 – Control unit for body electrical equipment (central locking, wireless remote control system, automatic door locking)
28	25A AMP – Amplifier
29	20A PWR NO.3 – Rear right glass lift
30	30A PWR SEAT – Power Seats
31	30A PWR NO.1 – Glass lift from the driver's side, locking the driver's door, sunroof
32	40A DEF – Heated rear window

The fuse number 3 at 15A is responsible for the operation of the cigarette lighter.

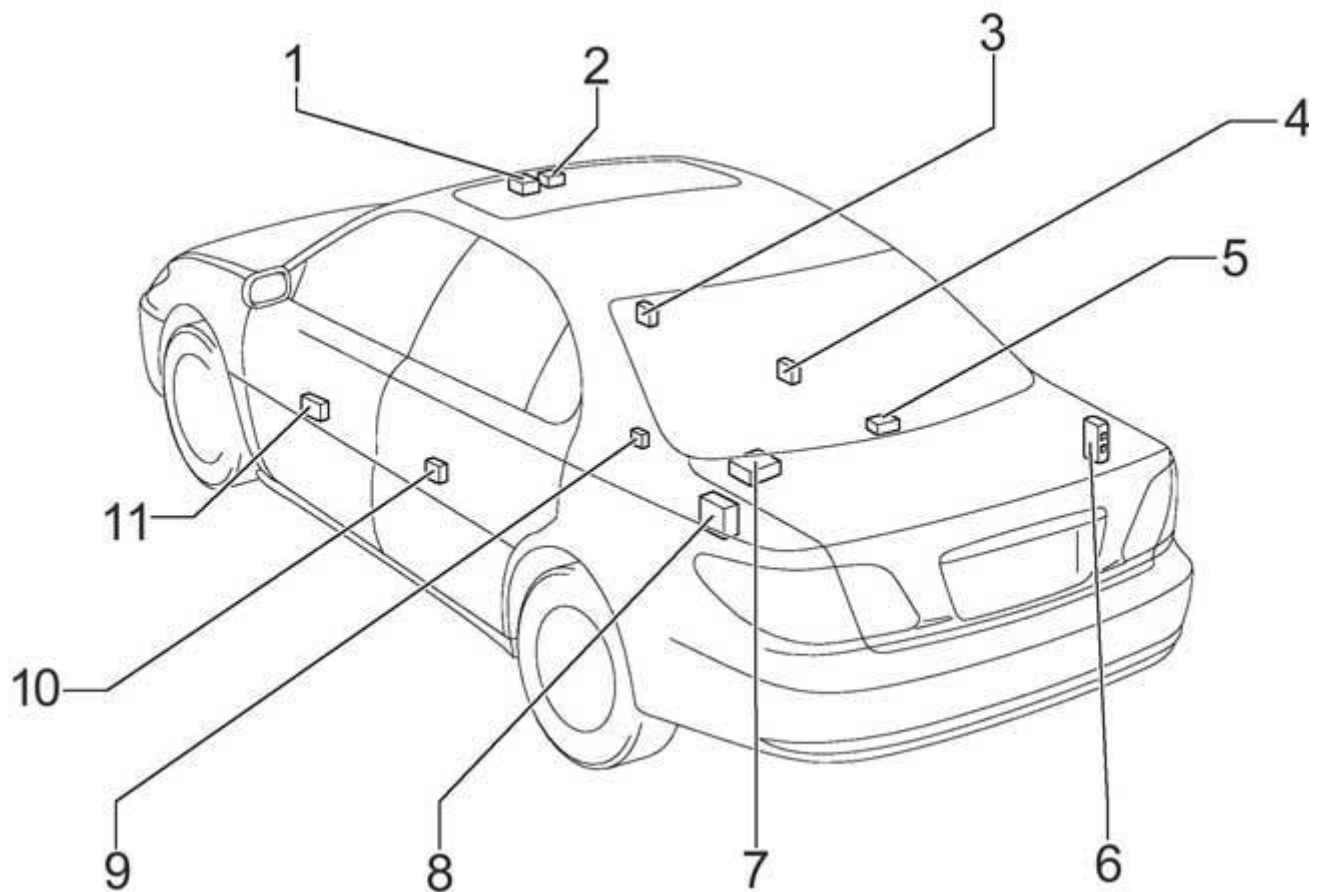
Some relays can be mounted on the back of the box.

Relay decoding

R1	Fog light
R2	Side light
R3	Auxiliary relay
R4	Heated rear window
R5	Ignition
R6	Window power

Additional elements

Diagram



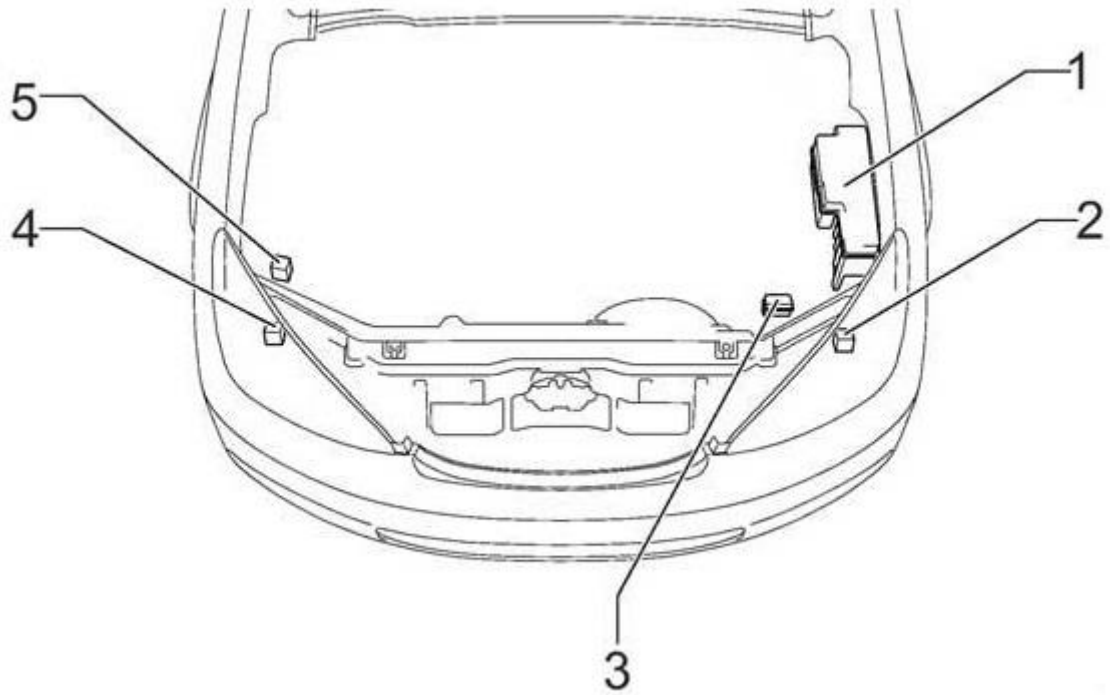
Appointment

1. Distribution block
2. Sunroof control unit
3. Front passenger door control unit
4. Rear right door control unit
5. Rear sun shade relay
6. Audio amplifier (MARK LEVINSON)
7. Navigation control unit
8. Telephone control unit
9. Lamp failure control unit
10. Rear left door control unit
11. Control unit in the front driver's door

Engine compartment

Location

Layout



Decoding

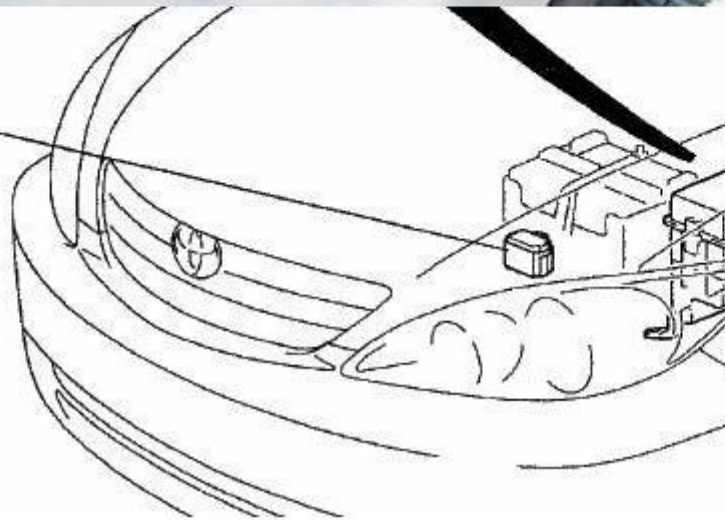
1. Fuse and relay box
2. Left headlight control unit
3. ABS relay box
4. Right headlight control unit
5. Skid Control

Fuse and relay box

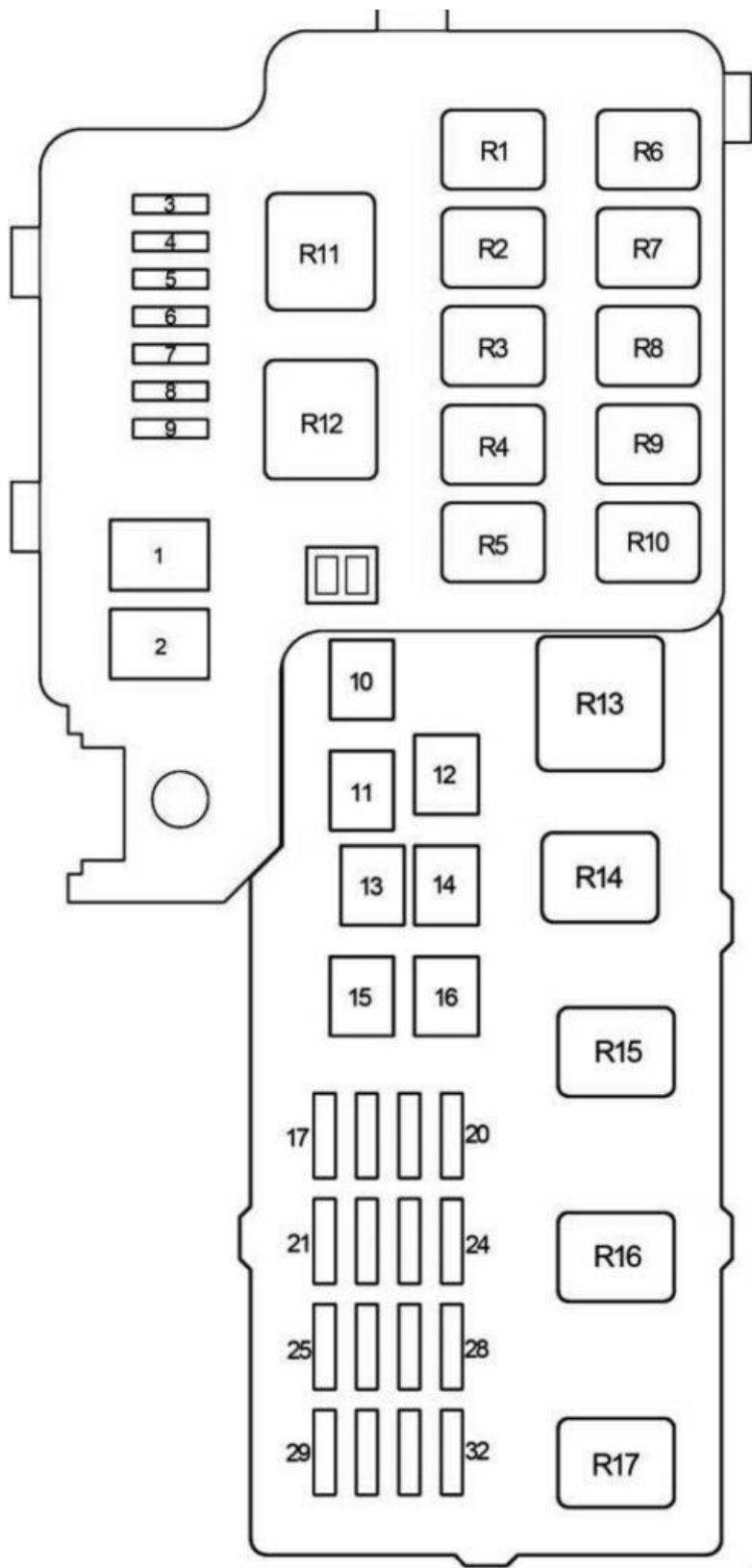
Under the hood, the main fuse and relay box is located on the left side of the engine compartment.



Antilock Brake System
Relay Block



Diagram



Appointment

1	100A ALT – 2AZ-FE (2002-2003): Fuses: “DEF”, “PWR NO.1”, “PWR NO.2”, “PWR NO.3”, “PWR NO.4”, “STOP”, “DOOR NO.2”, “OBD”, “PWR SEAT”, “FUEL OPEN”, “FOG”, “AMP”, “PANEL”, “TAIL”, “AM1”, “CIG”, “POWER POINT”,
---	---

	“RAD NO.2”, “ECU-ACC”, “GAUGE1”, “GAUGE2”, “ECU-IG”, “WIPER”, “WASHER”, “HTR (10 A)”, “SEAT HTR”, and “ SUN-SHADE “ 120A ALT – 1MZ-FE, 3MZ-FE, 2AZ-FE (2003-2006): Fuses: DEF “,” PWR NO.1 “,” PWR NO.2 “,” PWR NO.3 “,” PWR NO. 4 “,” STOP “,” DOOR NO.2 “,” OBD “,” PWR SEAT “,” FUEL OPEN “,” FOG “,” AMP “,” PANEL “,” TAIL “,” AM1 “,” CIG “,” POWER POINT “,” RAD NO.2 “,” ECU-ACC “,” GAUGE1 “,” GAUGE2 “,” ECU-IG “,” WIPER “,” WASHER “,” HTR (10 A) “,” SEAT HTR”, and “SUN-SHADE”
2	60A ABS NO.1 2002-2003: Anti lock braking system, vehicle stabilization system, traction control, brake assist system 50A ABS NO.1 – 2003-2006: Anti lock braking system, vehicle stabilization system, traction control, brake assist system
3	15A HEAD LH LWR – Left low beam, instrument cluster, fog light, body control unit
4	15A HEAD RH LWR – Dipped right light, headlight corrector, body control unit
5	5A DRL – Daytime running lights
6	10A A / C – Air Conditioning
7	Not used
8	Not used
9	Not used
10	40A MAIN – Fuses: “HEAD LH LWR”, “HEAD RH LWR”, “HEAD LH UPR”, “HEAD LH UPR” and “DRL”
11	40A ABS No.2 – Anti lock braking system, vehicle stabilization system, traction control, brake assist system
12	30A RDI – Engine cooling fan
13	30A CDS – Air conditioning fan
14	50A HTR – Air Conditioning
15	30A ADJ PDL – Electric gas pedal
16	30A ABS No.3 – Anti lock braking system, vehicle stabilization system, traction control, brake assist system

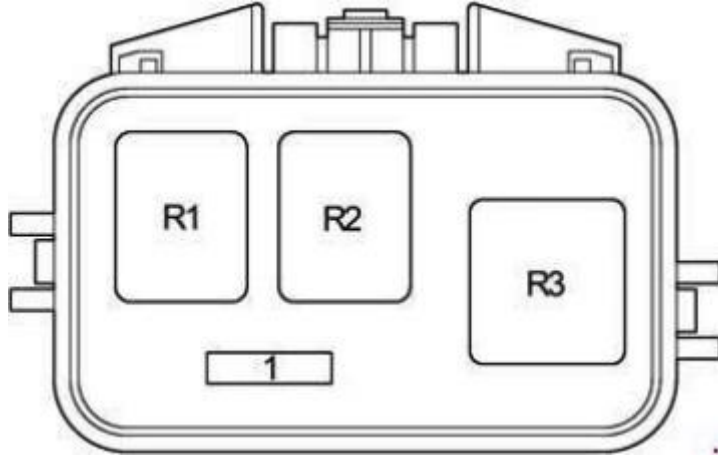
17	30A AM2 – Starting system, fuses: “IGN” and “IG2”
18	10A HEAD LH UPR – High beam left
19	10A HEAD RH UPR – High beam right
20	5A ST – Instrument cluster, starter, ignition
21	5A TEL – Phone
22	5A ALT-S – Battery charging system
23	15A IGN – Starting system
24	10A IGN2 – Anti lock brake system. battery charging system, instrument cluster, cruise control, transmission control unit, automatic transmission indicator, engine control unit, seat belt indicator, vehicle stabilization system, traction control
25	25A DOOR1 – Body electrical equipment control unit, anti-theft system, central locking, central locking control unit
26	20A EFI – Cruise control, transmission control unit, automatic transmission indicator, engine control unit
27	10A HORN – Sound signal
28	30A D.C.C – Fuses: “ECU-B”, “RAD NO.1” and “DOME”
29	25A A / F – Engine control unit
30	Not used
31	10A ETCS – Engine control unit, cruise control
32	15A HAZ – Direction indicators, alarm
R1	Not used
R2	Not used
R3	Daytime running lights (No.2)
R4	Daytime running lights (No.3)
R5	Cooling fan (No.2)

R6	Daytime running lights (No.4)
----	-------------------------------

ABS relay box

Located next to the battery.

Diagram



Designation

1 – 7.5A ABS NO.4 – Anti lock braking system, vehicle stabilization system, traction control, brake assist system

R1 – Not used

R2 – Anti-lock braking system

R3 – ABS