

Toyota Tundra 2G fuse and relay

Toyota Tundra 2 generation was produced in 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020. During this time, the model has been restyled 2 times. In our material you will find information with the location of electronic control units, a description of fuses and relays Toyota Tundra with box diagrams and photo examples of execution. Note the cigarette lighter fuse.

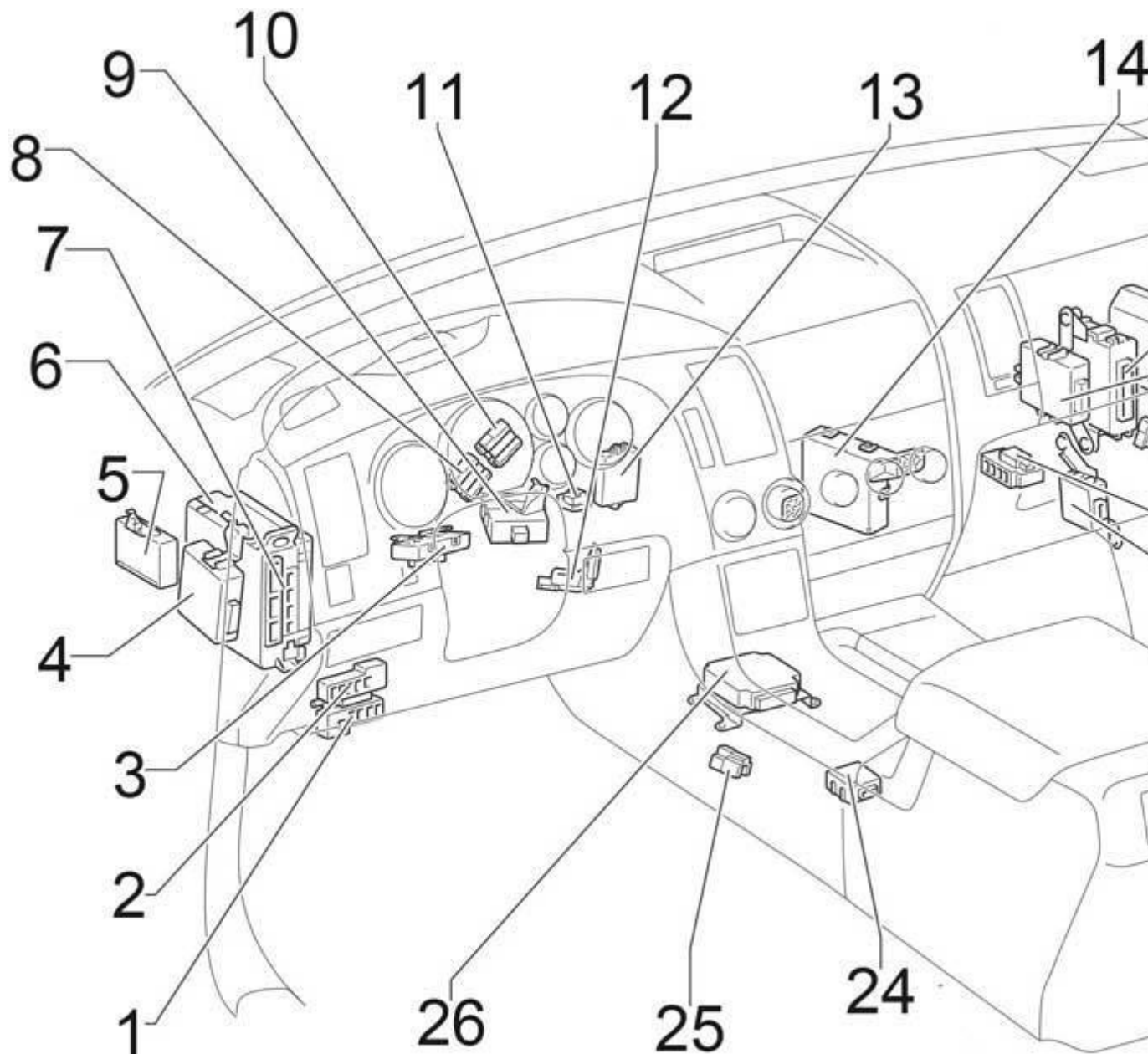


Check the purpose of the elements with your diagrams on the box cover.

Passenger compartment

Location

General block layout



Assignment

1. Junction Connector (CAN LH №2)
2. Junction Connector (CAN LH №1)
3. Multiplex Tilt and Telescopic ECU
4. Turn Signal Flasher Assembly
5. Distance Control ECU Assembly
6. Fuse Box
7. Main Body ECU
8. J/B №5
9. Power Steering ECU Assembly
10. J/B №4

11. Back-Up Light Relay
12. Transponder Key Amplifier
13. Transponder Key ECU Assembly
14. A/C Amplifier Assembly
15. Four Wheel Drive Control ECU
16. Clearance Warning ECU Assembly
17. Power Source Control ECU
18. J/B №3
19. J/B №6
20. Ignition (ACC Cut) Relay
21. Junction Connector (CAN RH)
22. Tire Pressure Warning ECU
23. Stereo Component Amplifier Assembly
24. Shift Lock Control ECU Sub-Assembly
25. J/B №7
26. Center Airbag Sensor Assembly

Fuse box

In the passenger compartment, the main fuse box is located under the dashboard.

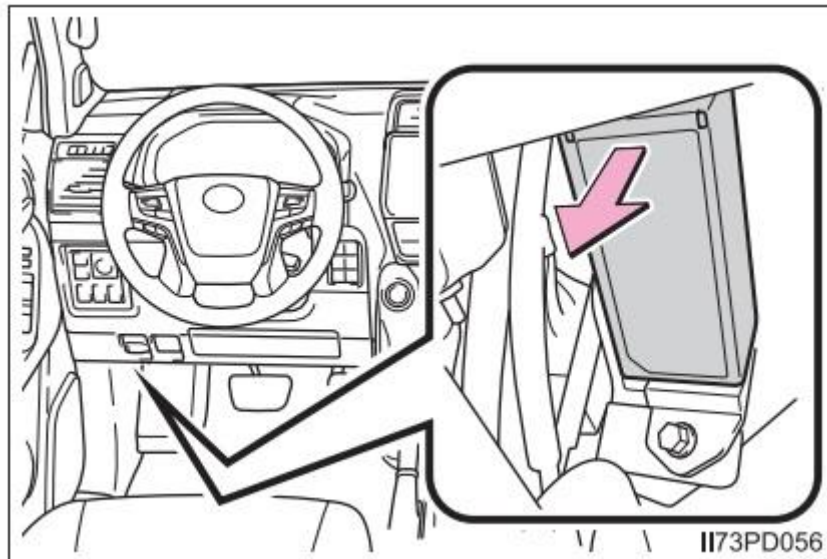


Photo example



Diagram from the box cover



Protected components

INVERTER	15A Inverter
FR P/SEAT LH	30A Power Driver Seat
DR/LCK	25A Body ECM
POWER No.5	30A Electric tailgate

OBD	7.5A Diagnostic connector
PWR OUTLET	15A Socket
—	—
AM1	7,5A Gear selector lock, starting system, heated seats
A/C	7,5A Air conditioner
MIR	15A Mirror control unit, heated mirrors
POWER No.3	20A Windows
FR P/SEAT RH	30A Power Passenger Seat
TI&TE	15A Steering column tilt and height adjustment system
S/ROOF	25A Hatch
RR SEAT-HTR RH	10A Heated seats
ECU-IG No.1	7.5A ABS, VSC, body ECM, park assist, power driver's seat, tilt and height adjustment, gear selector lock, tire pressure monitor, trailer connector, socket, sunroof, power door luggage compartment, headlight washer, Blind Spot Monitor, additional display
AIR SUS IG	20A Air suspension
LH-IG	7.5A Reversing lamps, charging system, instrument cluster, direction indicators, air conditioning, heated seats, heated rear window
4WD	20A xDrive
RR SEAT-HTR LH	10A Heated seats
WSH	20A Glass washer
WIPER	30A Windscreen wiper and washer
ECU-IG No.2	7.5A Body ECM, power steering, gateway unit
TAIL	15A Side light, trailer side light

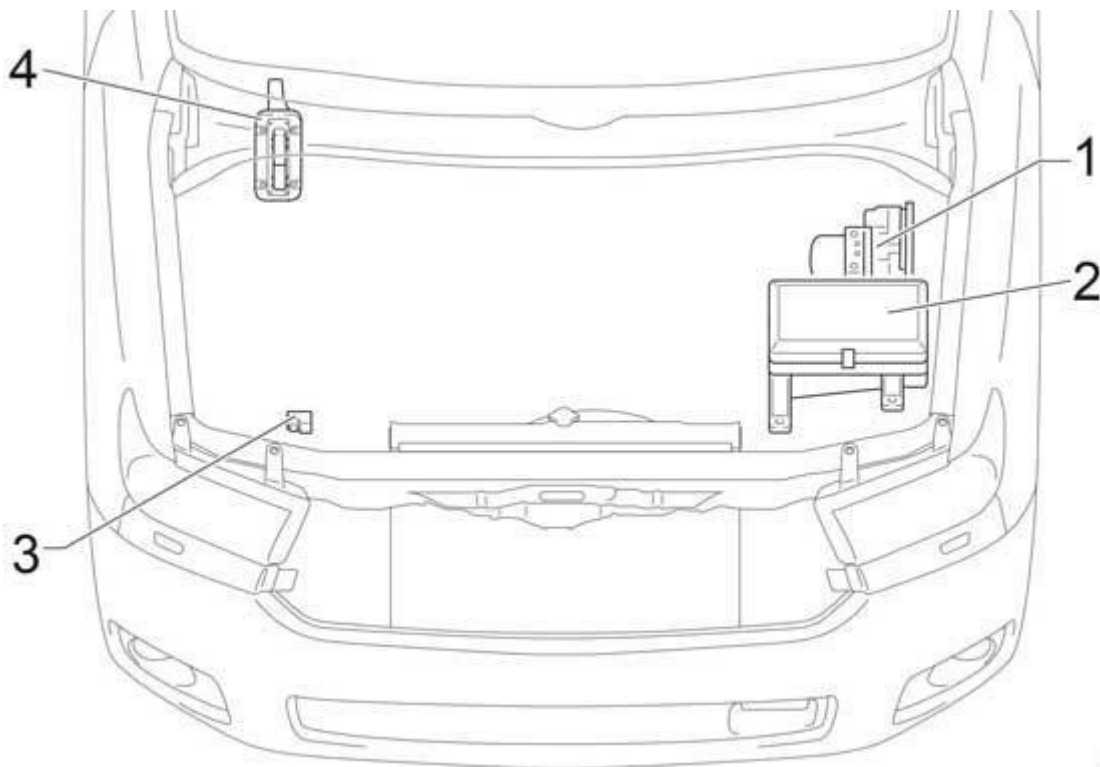
A/C IG	10A Air Conditioner
—	—
SEAT-HTR	20A Ventilation and heated seats
PANEL	7.5A Instrument panel light, glove box light, ashtray light, auxiliary display, audio system, rear view monitor, navigation, rear passenger entertainment system, instrument cluster, air conditioning, ventilation and heated seats, Blind Spot Monitor
ACC	7.5A Auxiliary display, audio system, rear passenger entertainment system, rear view monitor, navigation, reversing lamps, reversing lamps (trailer), socket, power mirrors, body ECM
BK/UP LP	10A Reversing lamps, instrument cluster
CIG	15A Cigarette lighter
POWER No.1	30A Power windows, tailgate power window

The 15A CIG and PWR OUTLET fuses are responsible for the operation of the cigarette lighter.

Engine compartment

Location

General block layout



Designation

1. ABS and Traction Actuator Assembly
2. Fuse and Relay Box
3. Headlight Cleaner Control Relay
4. ECM

Fuse and Relay Box

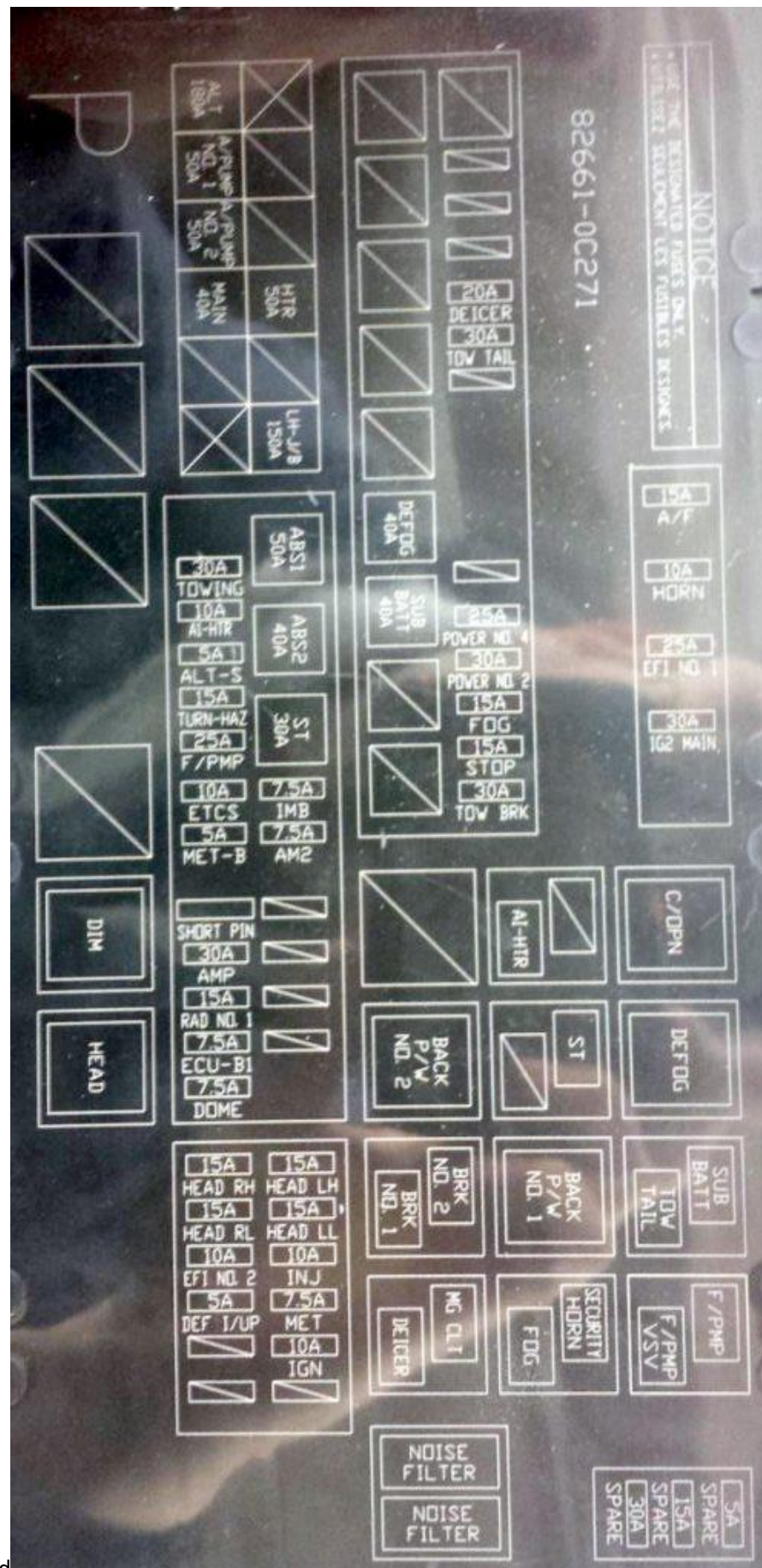
Under the hood, the fuse and relay box is next to the battery and is covered by a protective cover.



Photo

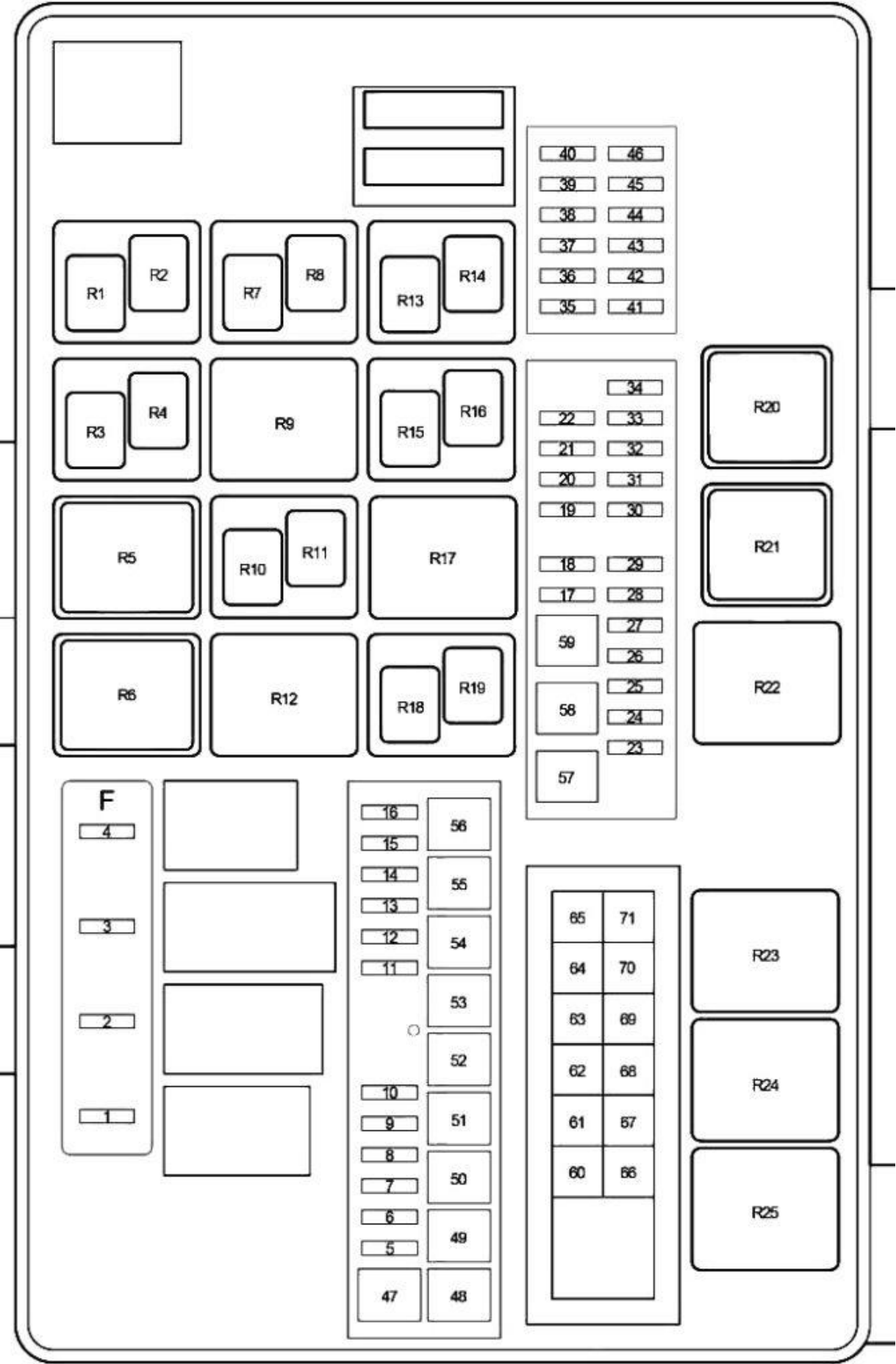


Diagram from the box cover



Circuits protected

Diagram



1	15A A / F – Multiport fuel injection system / sequential multiport fuel injection system
2	10A HORN – Sound signal
3	25A EFI NO.1 – Multiport fuel injection system / sequential multiport fuel injection system
4	30A IG2 MAIN – Fuses: “INJ”, “MET”, “IGN”
5	30A L2 RR2 SEAT – Electric seat row 3
6	30A L1 RR2 SEAT – Electric seat row 3
7	25A CDS FAN – Cooling fan
8	20A DEICER – Heated wiper zone
9	30A TOW TAIL – Trailer side light
10	25A CDS FAN NO.2 – 2012-2017: Cooling fan
11	30A R2 RR2 SEAT – Electric seat row 3
12	30A R1 RR2 SEAT – Electric seat row 3
13	25A POWER NO.4 – Power windows
14	15A FOG – Front fog light
15	15A STOP – Stop lamps, auxiliary brake light, VSC, ABS, gear selector lock, multiport fuel injection system / sequential multiport fuel injection system, trailer electrical equipment
16	30A TOW BRK – Trailer brake control
17	7,5A IMB – Immobilizer
18	7,5A AM2 – Starting system
19	–
20	–
21	–

22	–
23	30A TOWING – Electric equipment for trailer
24	10A AI-HTR – 2012-2017: Heated secondary air pump
25	5A ALT-S – Charging system
26	15A TURN-HAZ – Direction indicators, hazard warning lights, trailer electrical equipment
27	15A F / PMP – 2007-2011: Fuel Pump
	25A F / PMP – 2012-2017: Fuel Pump
28	10A ETCS – Multiport fuel injection system / sequential multiport fuel injection system, throttle valve control system
29	5A MET-B – Instrument cluster
30	–
31	30A AMP – Audio System, Rear Seat Entertainment System, Rear View Monitor, Navigation
32	15A RAD NO.1 – Audio System, Rear Seat Entertainment System, Rear View Monitor, Navigation
33	7,5A ECU-B1 – Body ECU, Multiport Fuel Injection System / Sequential Multiport Fuel Injection System, Rearview Mirror, Power Sockets, Power Driver Seat, Power Tailgate, Tilt and Height Adjustment Steering Column, Unit network gateway
34	7,5A DOME – Interior lighting, personal lighting, footwell lighting, door lighting, additional monitor, power tailgate, power 3rd row seats, vanity mirror light, ignition switch light
35	15A HEAD LH – High beam left
36	15A HEAD LL – Low beam
37	10A Multiport fuel injection system / sequential multiport fuel injection system
38	7,5A MET – Instrument cluster
39	10A IGN – SRS airbag system, multiport fuel injection system / sequential multiport fuel injection system, immobilizer, cruise control, gateway unit

40	–
41	15A HEAD RH – High beam right
42	15A HEAD RL – Low beam right
43	10A EFI NO.2 – Multiport fuel injection system / sequential multiport fuel injection system, fuel system diagnostic pump
44	5A DEF I / UP –
45	7,5A AIR SUS NO.2 – Air suspension
46	–
47	–
48	–
49	50A AIR SUS NO.2 – Air suspension
50	30A PBD – Electric tailgate
51	40A RR HTR – Air Conditioning
52	30A H-LP CLN – Headlamp washer
53	40A DEFOG – Heated rear window
54	40A SUB BATT – Trailer connector
55	–
56	–
57	50A ABS, VSC
58	40A ABS, VSC
59	30A ST – Starting system
60	–
61	–
62	–

63	50A HTR – Air Conditioner
64	–
65	150A LH-J / B – Fuses: “AM1”, “TAIL”, “PANEL”, “ACC”, “CIG”, “LH-IG”, “4WD”, “ECU-IG NO.1”, “BK / UP LP “,” SEAT-HTR “,” A / C IG “,” ECU-IG NO.2 “,” WSH “,” WIPER “,” OBD “,” A / C “,” TI&TE “,” FR P / SEAT RH “,” MIR, DR / LCK “,” FR P / SEAT LH “,” CARGO LP “,” PWR OUTLET “,” POWER NO.1 “
66	180A ALT – Fuses: “LH-J / B”, “HTR”, “SUB BATT”, “TOW BRK”, “STOP”, “FOG”, “TOW TAIL”, “DEICER”
	140A ALT – Fuses: “LH-J / B”, “HTR”, “SUB BATT”, “TOW BRK”, “STOP”, “FOG”, “TOW TAIL”, “DEICER”
67	50A A / PUMP NO.1 – Multiport fuel injection system / sequential multiport fuel injection system
68	50A Multiport fuel injection system / sequential multiport fuel injection system
69	40A MAIN – Fuses: “HEAD LL”, “HEAD RL”, “HEAD LH”, “HEAD RH”
70	–
71	–
Relay	
R1	F / PMP – Fuel Pump
R2	–
R3	SUB BATT – Trailer battery
R4	TOW TAIL – Side light (trailer)
R5	DEFOG – Heated rear window
R6	AIR SUS – Air Suspension
R7	SECURITY HORN – Anti-theft alarm sound
R8	FOG – Fog light
R9	–

R10	ST – Starter
R11	C / OPN – Fuel pump (Circuit opening)
R12	–
R13	MG CLT – Air conditioning compressor clutch
R14	DEICER – Heated wiper zone
R15	BRK NO.2 – Brake light
R16	BRK NO.1 – Brake light
R17	–
R18	RR WSH – Rear window washer
R19	CDS FAN – Cooling fan
R20	HEAD – Headlights
R21	DIM – Dimmer
R22	–
R23	–
R24	–
R25	–