

Toyota Sienna 3G fuse and relay

The **3rd** generation **Toyota Sienna** was produced in 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021 with the L30 marking. During this time, the model has been updated 2 times. In this post you will find a description of fuses and relays Toyota Sienna 3 with box diagrams and their locations. Select the cigarette lighter fuse.



Check the purpose of fuses and relays with your diagrams on the cover of the boxes.

Passenger compartment

In the passenger compartment, the main fuse box is located under the dash on the driver's side.

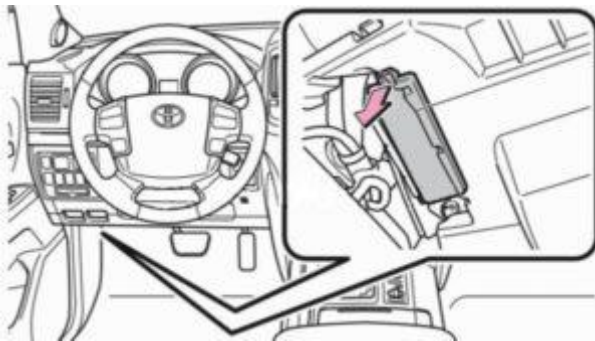


Photo example

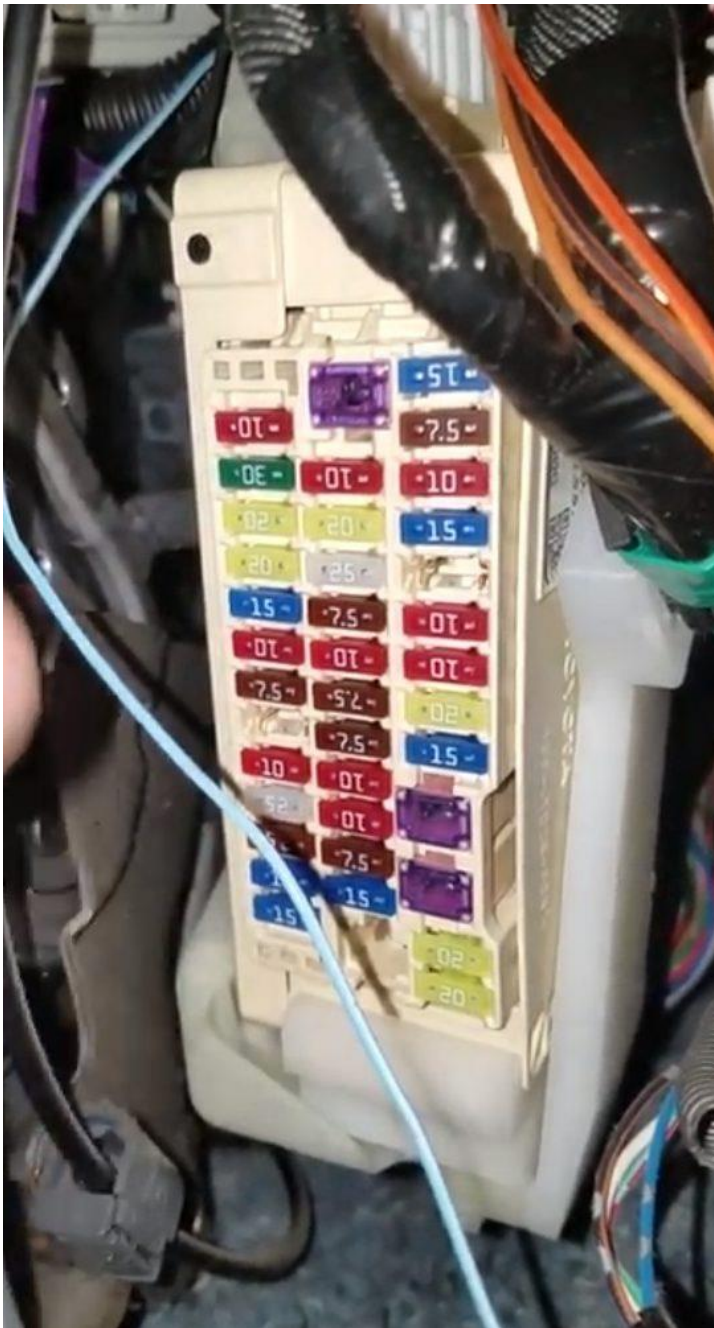


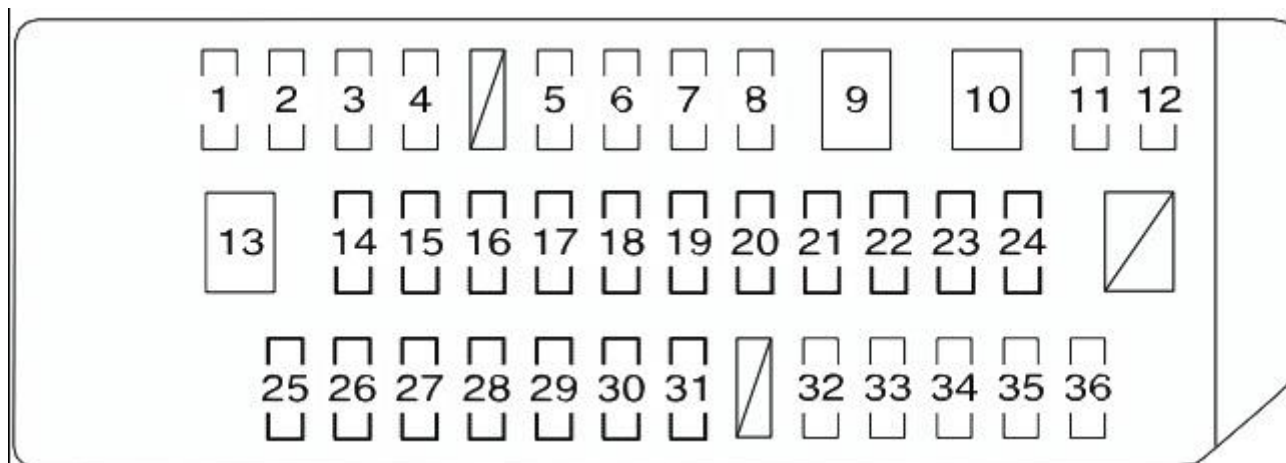
Diagram from the box cover

NOTICE

- USE THE DESIGNATED FUSES ONLY.
- UTILISEZ SEULEMENT LES FUSIBLES DESIGNES.
- 只能使用指定的保险丝。

	30A	15A
	P/SEAT FL	P/OUTLET
10A		7.5A
AFS		RAD NO.2
30A	10A	10A
WIP	STOP	ECU-ACC
20A	20A	15A
WASHER	P/W FL	CIG
20A		
WIP RR		
15A	7.5A	10A
WASHER RR	4WD	GAUGE NO.1
10A	10A	10A
HTR-IG	AMI	ECU-IG NO.1
7.5A	7.5A	20A
SHIFT LOCK	GAUGE NO.2	P/W RL
	7.5A	15A
	IG2	D/L
10A	10A	30A
ECU-IG NO.2	PANEL	P/SEAT FR
30A	10A	
S/ROOF	TAIL	
7.5A	7.5A	30A
OBD	WIP ECU	PSD RH
15A	15A	
S-HTR FL	P/VENT	20A
15A	30A	P/W RH
S-HTR FR	PSD LH	20A
		P/W FR

Diagram



1	15A P / OUTLET – Sockets
2	7,5A RAD NO.2 – Audio system, navigation system, rear seat entertainment system
3	10A ECU-ACC – Main Body ECU, Clock, Shift Lock System, Power Mirror Control, Multiplex Communication System
4	15A CIG – Cigarette lighter
5	10A GAUGE NO.1 – Hazard warning lights, illuminated lights, navigation system, multi-information display, automatic transmission, multiport fuel injection system / sequential multiport fuel injection system, charging system
6	10A ECU-IG NO.1 – Multiplex Communication System, Brake Lights, Navigation System, Vehicle Stability Control, Active Torque Control 4WD, Intuitive Parking Assistant, Automatic Anti-Glare Interior Rearview Mirror, Pre-Crash Seat Belt, Outside Rearview Mirror , seat heating, TPMS, yaw rate and acceleration sensor, steering angle sensor, auto access seat, main body ECU
7	20A P / W RL – Rear Power Window Regulator (Left)
8	15A D / L – Electric door locking system
9	30A P / SEAT FR – Front Power Seat (Right)
10	30A S / ROOF – Moon Roof
11	20A P / W RR – Rear Power Window Regulator (Right)
12	20A P / W FR – Front Power Windows (Right)
13	30A P / SEAT FL – Power front seat (left), driver position memory system

14	10A STOP – Brake Lights, ABS, Vehicle Stability Control, Rear Combination Light, High Brake Light, Automatic Transmission, Shift Lock System, Multiplex Communication System, Power Third Seat Switch, Multiport Fuel Injection System / Sequential Multipoint System fuel injection, trailer lights (stop lights)
15	20A P / W FL – Front Power Windows (Left Side)
16	25A PSD LH – Power sliding door (left)
17	7,5A 4WD – Active torque control 4WD
18	10A AM1 – Starting system
19	7,5A GAUGE NO.2 – Manometers and counters, multi-information display
20	7.5A IG2 – Automatic transmission, multiport fuel injection system / sequential multiport fuel injection system, SRS airbag system, front seat passenger classification system, steering lock system, smart key system, starting system, fuel pump
21	10A PANEL – Air Conditioning System, Navigation System, Front Passenger Seat Belt Remind Lamp, Audio System, Steering Switch, Intuitive Park Assist Switch, Personal / Interior Light Master Switch, Shift Lever Illumination, Headlight Lever Switch, Master power door lock switch, clock, quarter turn power window switch, seat heating switch, hazard warning lights, heated rear window switch, vehicle stabilization switch, console lighting, power slide switch
22	10A TAIL – Rear lights, trailer lights (rear lights), license plate lights, rear combination lights
23	7,5A WIP ECU – Wiper and rear screen wiper
24	15A P / VENT – Power windows
25	10A AFS – Automatic high beam
26	30A WIP – Windscreen wiper
27	20A WASHER – Windshield washer
28	20A WIP RR – Rear window wiper
29	15A WASHER RR – Washer for rear window
30	10A HTR-IG – Air conditioner

31	7,5A SHIFT LOCK – Shift lock system, multiport fuel injection system / sequential multiport fuel injection system
32	10A ECU-IG NO.2 – Anti-collision system, pre-collision seatbelt, dynamic radar cruise control, electric power steering, rain sensors, wipers, driving position memory system, power sliding door, power third seat, power tailgate , multiplex communication system
33	25A PSD RH – Power sliding door (right)
34	7,5A OBD – On-board diagnostic system
35	15A S-HTR FL – Seat heating (left)
36	15A S-HTR FR – Seat heating (right)

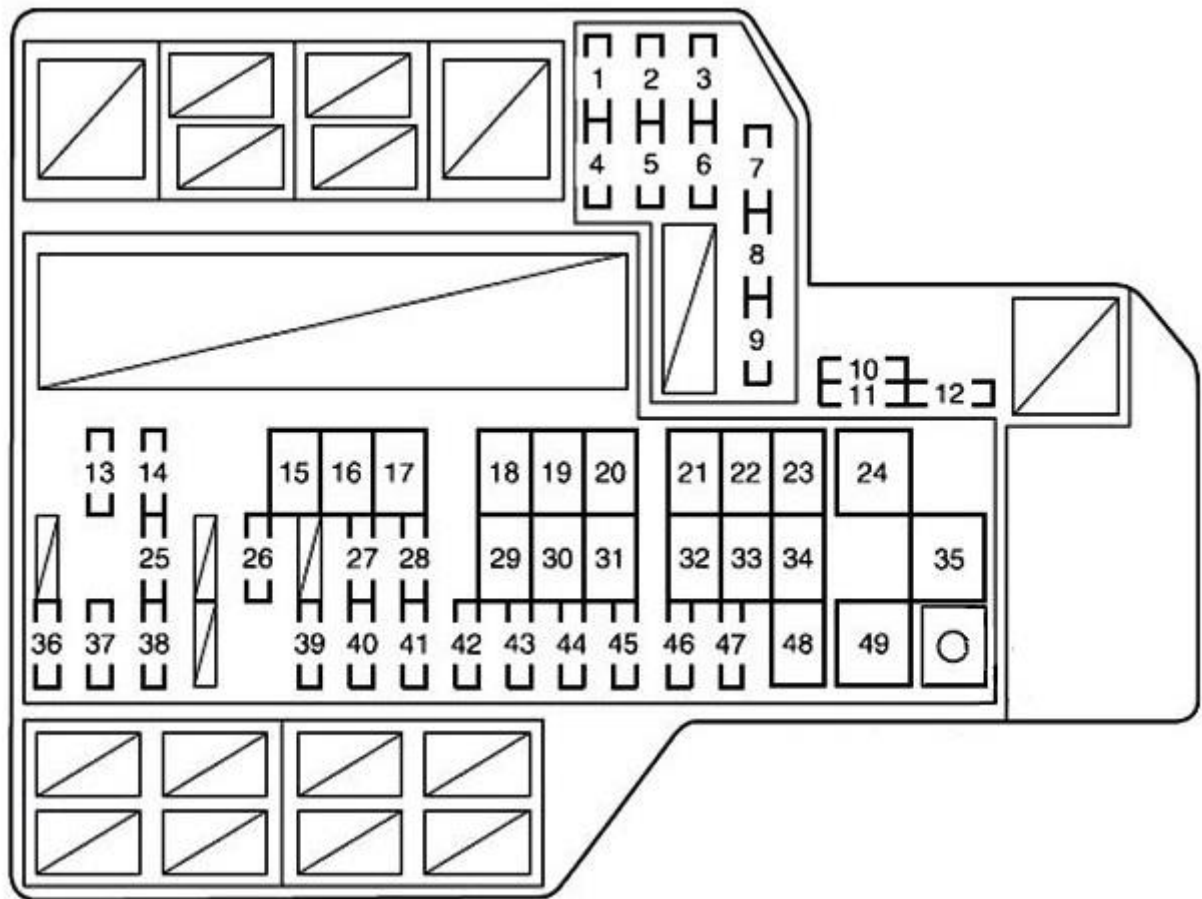
The fuse number 4 designated as CIG is responsible for the operation of the cigarette lighter, and for additional sockets number 1 – P / OUTLET, both at 15A.

Engine compartment

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



Diagram



Appointment

1	7,5A H-LP LVL – Headlamp leveling system (only vehicles with discharge headlights)
2	7,5A DSS1 – PCS (Pre-collision system), dynamic radar cruise control system
3	7,5A ST NO.2 – Starting system, multiport fuel injection system / sequential multiport fuel injection system
4	20A H-LP LH – Left headlight (low beam) (only vehicles with gas discharge headlights)
5	20A H-LP RH – Right headlight (low beam) (only cars with gas discharge headlights)
6	7.5A ECT – Multiport fuel injection system / sequential multiport fuel injection system, automatic transmission
7	10A EFI NO.2 – Multiport injection system / sequential multiport fuel injection system
8	10A H-LP RH HI – Right headlight (high beam)

9	10A H-LP LH HI – Left headlight (high beam)
10	10A Spare fuse
11	15A Spare fuse
12	20A Spare fuse
13	7,5A MG CLT – Magnetic air conditioner clutch
14	20A INV – Inverter
15	50A PTC HTR NO.1 – PTC heater (1AR-FE engine only)
16	30A PTC HTR NO.2 – PTC heater (1AR-FE engine only)
17	30A PTC HTR NO.3 – PTC heater (1AR-FE engine only)
18	40A A / C RR – Rear air conditioning
19	30A PBD – Power tailgate
20	30A FOLD SEAT – Third power seat (2GR-FE engine only)
21	50A HTR – Air Conditioner
22	30A PSB – Pre-crash seat belt (2GR-FE engine only)
23	30A A / A SEAT – SEAT WITH AUTOMATIC ACCESS
24	60A FAN – Electric cooling fans
25	15A HAZ – Direction indicators, sensors and meters
26	15A RSE – Rear seat entertainment system
27	10A MIRROR – Control outside rearview mirrors, heated outside rearview mirrors (2GR-FE engine only)
28	30A AMP – Audio system
29	30A VSC NO. 2 – Integrated vehicle dynamics control, ABS, vehicle stability control
30	30A ST – Starting system

31	40A P / I – Horn, alarm, left headlight (low beam), right headlight (low beam)
32	40A H-LP MAIN – Gas discharge headlight (only vehicles with gas discharge headlights)
32	30A SPARE – Spare fuse (only vehicles without discharge headlights)
33	30A AM2 – Fuses “ST No. 2”, “SENSOR No. 2” and “IG2” (only vehicles without electronic key system)
34	50A VSC NO.1 – Integrated vehicle dynamics control, ABS, vehicle stability control
35	140A ALT – Charging system, horn, alarm, left headlight (low beam), right headlight (low beam), fog lamp, heated outside rearview mirrors, heated rear window, defroster
36	15A RAD NO.1 – Audio system
37	7,5A DOME – Washbasin lights, personal / interior lights, personal lights, engine switch lights, rear ceiling lights, door lights, luggage compartment lights, gauges and gauges, clocks
38	10A ECU-B – Main Body ECU, Smart Key System, Wireless Remote Control, Power Tailgate, Power Sliding Door, Rear View Monitor, Multi-Information Display, Power Window, Outside Rearview Mirror Control, Steering Angle Sensor, automatic anti-glare inner rearview mirror coating, AUTO ACCESS SEAT remote control, front passenger classification system
39	10A ETCS – Multiport injection system / sequential multiport fuel injection system
40	20A A / F – Multiport injection system / sequential multiport fuel injection system
41	20A STRG LOCK – Steering lock system (only cars with smart key system)
42	7,5A ALT-S – Charging system
43	25A INJ – Multiport fuel injection system / sequential multiport fuel injection system, “IG NO.2” and “IG2” fuses
44	7,5A ECU-B NO.2 – Air Conditioning
45	7,5A AM2 NO.2 – Multiplex communication system, starting system (only cars with smart key system)

46	25A EFI NO.1 – Multiport fuel injection system / sequential multiport fuel injection system, “ECT” and “EFI NO.2” fuses
47	5A SMART – Smart key system (only for cars with smart key system)
48	30A DRL – Daytime running light system, fuses “HLP LH (HI)” and “H-LP RH (HI)”
49	60A EPS – Electric power steering