

Toyota Opa – fuse and relay

The **Toyota Opa** station wagon was produced in 2000, 2001, 2002, 2003, 2004, 2005. During this time, the model has been updated. In this material, we will show the locations of the electronic control units, a description of the fuses and relays of Toyota Opa with box diagrams and photo examples of their execution. Highlight the cigarette lighter fuse.

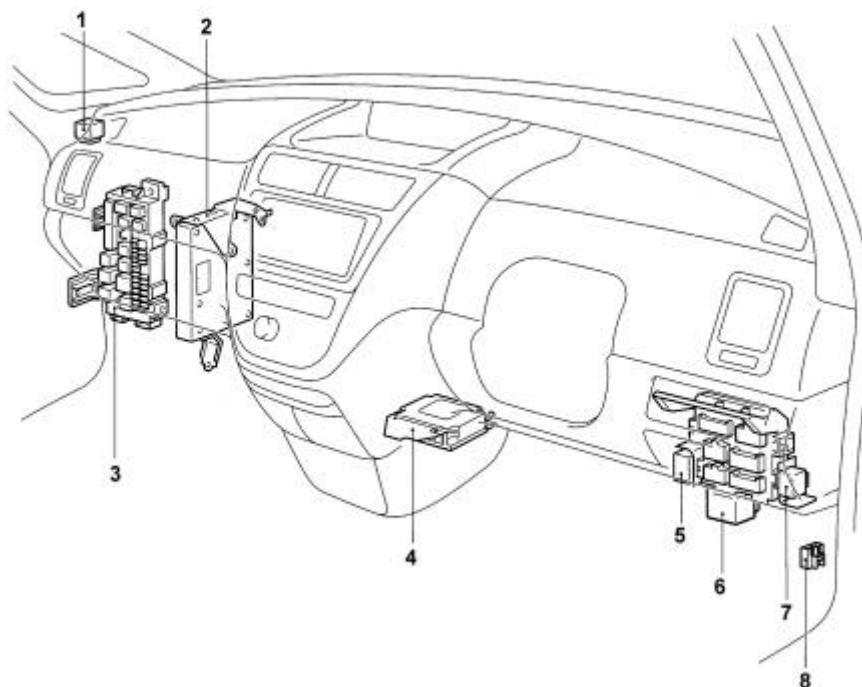


Check the purpose of the elements with your diagrams on the box cover.

Passenger compartment

Location

General layout of boxes in the cabin



Assignment

1. fuel pump relay

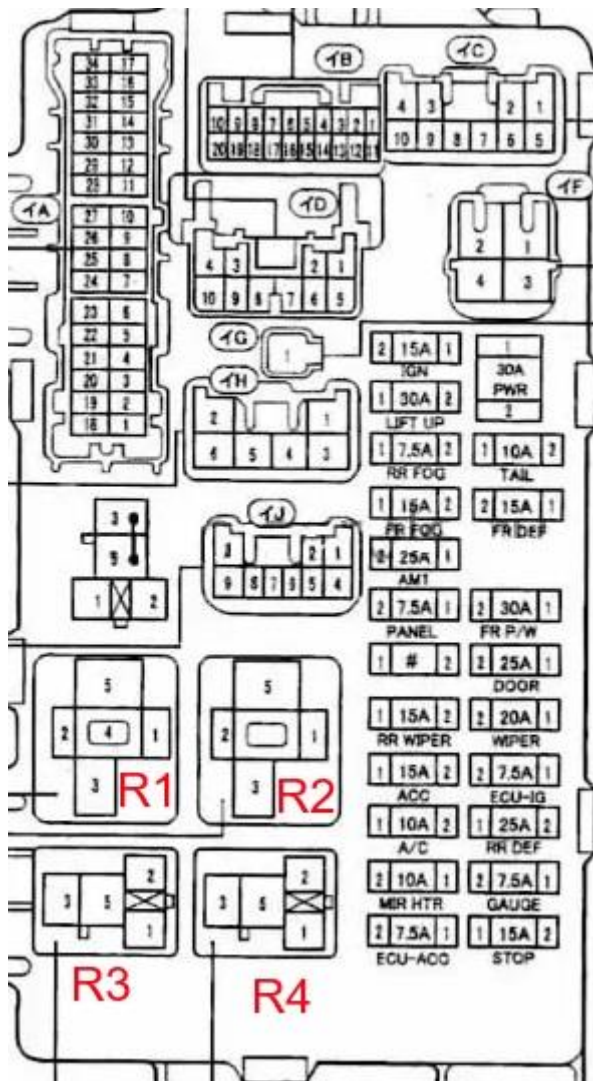
2. electronic engine control unit
3. fuse and relay mounting block under the dash (MULTIPLEX control unit)
4. electronic control unit SRS
5. fog lamp relay
6. turn signal breaker relay
7. brush de-icer relay
8. fuse box.

Fuse and relay box

It is located under the dashboard.



Diagram



Designation

ECU-ACC 7.5A

Switch lock

Power mirrors

Warning system about the left in the ignition switch and the lighting not turned off

Audio system (models with built-in amplifier) - Audio system (models with separate amplifier up to 09.2005) – Audio system, navigation system, BLIND CORNER MONITOR system and rear view system (models up to 09.2005)

Engine and CVT management system and shift indicator lights (1AZ-FSE up to 09.2005) – Audio system, navigation system, BLIND CORNER MONITOR system, rear view system and rear TV (models up to 09.2005)

Engine and automatic transmission control system and automatic transmission selector position indicator backlight (1ZZ-FE, 2WD from 09.2005)

Engine and CVT management system and shift indicator lighting (1AZ-FSE from 09.2005) – Audio system, navigation system and rear view system (models from 09.2005)

Audio system, navigation system, BLIND CORNER MONITOR system, rear view system and rear TV (models from 09.2005)

Automatic transmission control system

ECU-IG 7,5A

Charging system – Electric fan drive – Anti-lock braking system (2WD without VSC) – Anti-lock braking system (4WD)

Shift lock -Electric power steering

Audio system, navigation system, BLIND CORNER MONITOR system and rear view system

Headlights (models with xenon headlights)

Connector for additional equipment (socket)

Anti-lock braking system (TRC and VSC models)

Central locking (models with central locking with Smart Key function) – Audio system, navigation system, BLIND CORNER MONITOR system, rear view system and rear TV

GAUGE 7,5A

Automatic transmission control system and automatic transmission selector position indicator backlight (1ZZ-FE, except 2WD from 09.2005)

Power windows

Central locking

The warning system about the left in the ignition switch and the switched off lighting

Seat belt warning system

Electric sunroof

Audio system, navigation system, BLIND CORNER MONITOR system and rear view system

Direction indicators and hazard warning lights

Automatic lighting control system

Reversing lights

De-icer brushes

Engine and CVT control system and shift indicator lights (1AZ-FSE up to 09.2005)

Audio system, navigation system, BLIND CORNER MONITOR system, rear view system and rear TV

Automatic transmission control system and automatic transmission selector position indicator backlight (1ZZ-FE, 2WD from 09.2005)

Automatic transmission control system and automatic transmission selector position indicator backlight (1AZ-FSE from 09.2005)

PANEL 7.5A

Watch

Fog lights

Rear fog lights

Backlight

RR FOG 7.5A

Rear fog lights

A / C 10A

Seat belt not wearing warning system

Watch

Automatic air conditioner

Heated rear window and heated mirrors

MIR HTR 10A

Heated rear window and heated mirrors

TAIL 10A

The warning system about the left in the ignition key and not turned off the lighting

Headlights (1ZZ-FE without xenon headlights)

Fog lights

Rear fog lights

Backlight

Dimensions (edit)

ACC 15A

Fuse for cigarette lighter

Accessory connector (female) Accessory connector (female)

FR DEF 15A

De-icer brushes

FR FOG 15A

Fog lights

IGN 15A

Ignition system

Engine management system (1ZZ-FE, except 2WD from 09.2005)

Automatic transmission control system and automatic transmission selector position indicator
backlight (1ZZ-FE, except 2WD from 09.2005)

SRS system

Immobilizer system

Engine and CVT control system and shift indicator lights (1AZ-FSE)

Engine and automatic transmission control system and automatic transmission selector position indicator backlight (1ZZ-FE, 2WD from 09.2005)

RR WIPER 15A

Rear window wiper and washer

STOP 15A

Engine management system (1ZZ-FE, except 2WD from 09.2005)

Automatic transmission control system and automatic transmission selector position indicator backlight (1ZZ-FE, except 2WD from 09.2005)

Anti-lock braking system (2WD without VSC)

Anti-lock braking system (4WD)

Switch lock

Stop signal

Engine and CVT control system and shift indicator lights (1AZ-FSE)

Anti-lock braking system (TRC and VSC models)

Engine and automatic transmission control system and automatic transmission selector position indicator backlight (1ZZ-FE, 2WD from 09.2005)

WIPER 20A

Windshield wiper and washer

Rear window wiper and washer

DOOR 25A

Interior lamps

RR DEF 25A

Heated rear window and heated mirrors

FRP / W 30A

Power windows

central locking

PWR 30A

Power windows

Electric sunroof

A fuse designated as CIG or ACC 15A is responsible for the cigarette lighter.

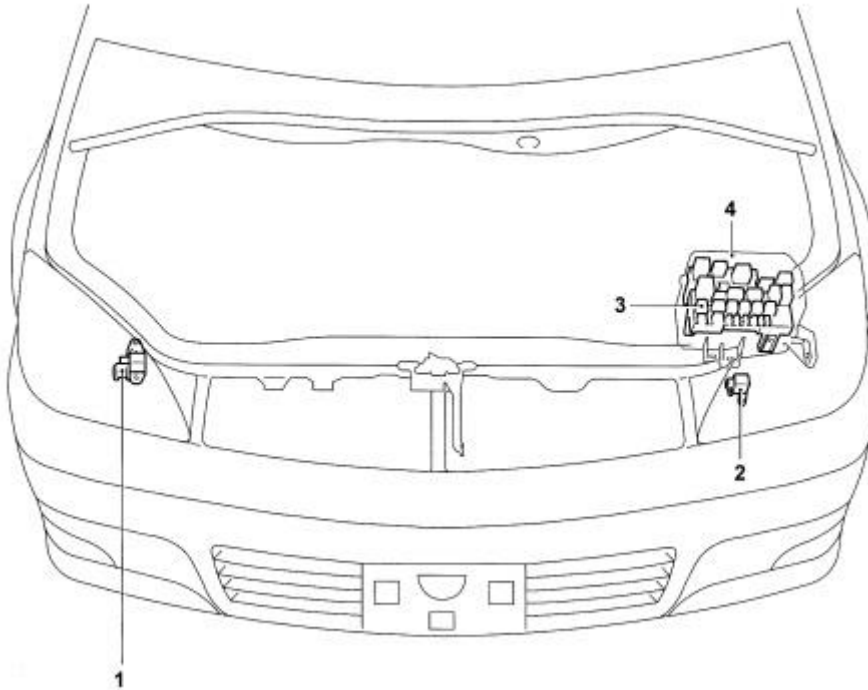
Relay

- R1 – Heater relay
- R2 – IGN Relay
- R3 – Rear window defogger relay
- R4 – Relay dimensions

Engine compartment

Location

General arrangement of boxes under the hood



Decoding

1. front right airbag sensor
2. front left airbag sensor
3. relay and fuse box in the engine compartment
4. relay and fuse box in the engine compartment No. 2.

Fuse and relay box

Located on the left side, next to the battery.

Photo – scheme

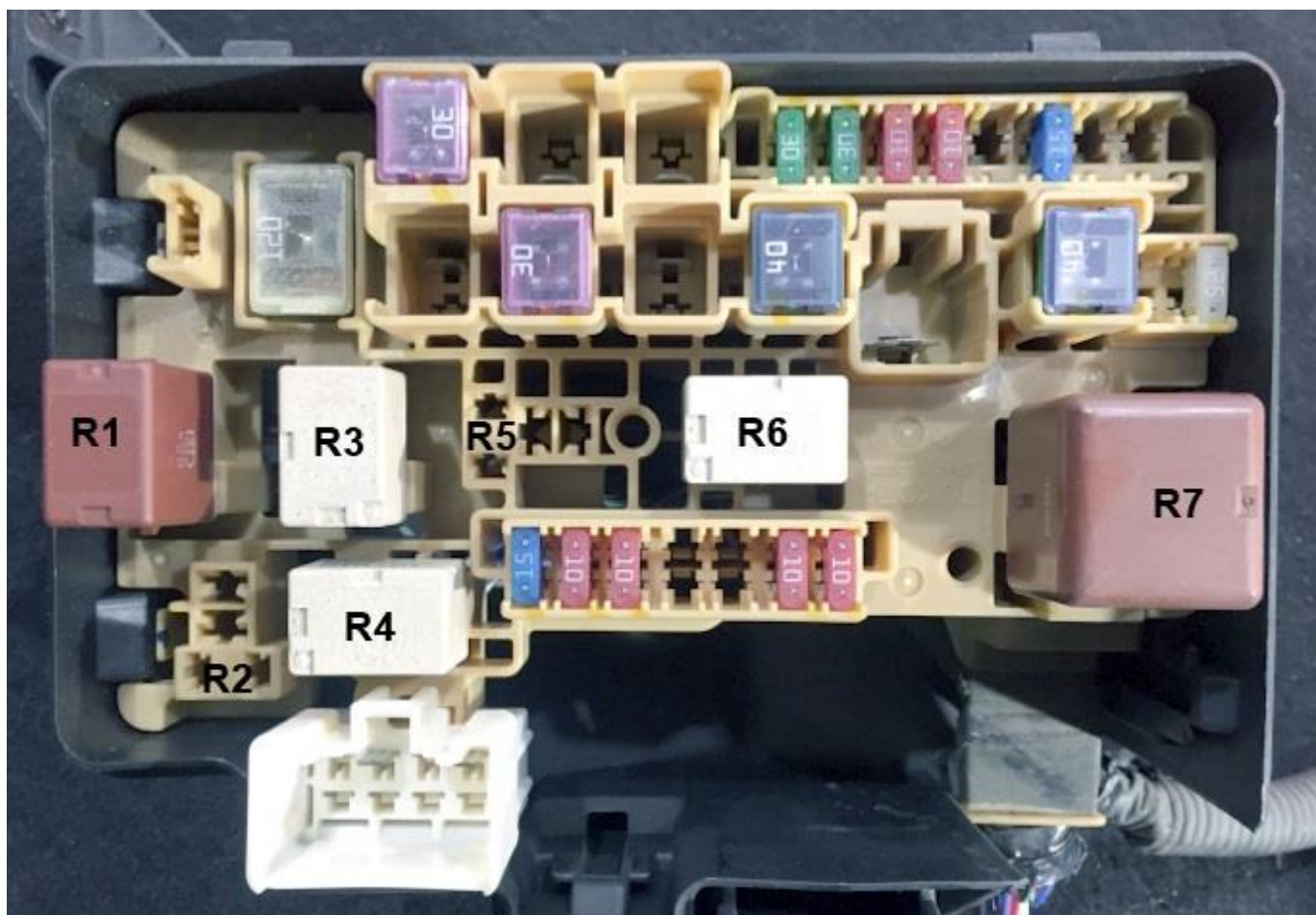


Diagram from the box cover

10A DOME	MULTIPLEX system
	interior lighting lamps
	central locking (models from 12.2004)
10A ECU-B	charging system
	engine management system and automatic transmission (models with 1NZ-FE engine)

10A DOME	MULTIPLEX system
	interior lighting lamps
	central locking (models from 12.2004)
10A ECU-B	charging system
	engine management system and automatic transmission (models with 1NZ-FE engine)

	electric fan drive (models with 1AZ-FSE engine)
	ABS
	airbags and seat belt pretensioners
	MULTIPLEX system
	central locking
	electric windows
	warning system about the left in the ignition switch and the switched off lighting
	seat belt warning and tension release system
	instrument cluster, audio system (models with navigation system) and rear view system
	headlights
	fog lights
	dimensions
	reversing lights
	interior lighting lamps
	air conditioner
10/15A H-LP LH	headlights (xenon / non-xenon)
10A H-LP LH HI	headlights xenon
10/15A H-LP RH	headlights (xenon / non-xenon)
10A H-LP RH HI	headlights xenon
10A TURN-HAZ	direction indicators and hazard warning lights
10A HORN	sound signal
15/20A EFI	engine management system and automatic transmission (models with 1NZ-FE engine)

	engine management system and automatic transmission (models with 1ZZ-FE engine)
	engine management system and automatic transmission (models with 1AZ-FSE engine)
	electric fan drive (models with 1NZ-FE, 1ZZ-FE motors)
	electric fan drive (models with 1AZ-FSE engine)
	15A – 1AZ-FSE. 20A – models from 12.2004 onwards
15A EFI2	engine management system and automatic transmission (models with 1AZ-FSE engine)
10/15A ETCS	engine management system and automatic transmission (models with 1AZ-FSE engine)
	engine management system and automatic transmission (2WD models with 1ZZ-FE engine)
	10A – models from 12.2004 onwards
15A RADIO №1	Radio cassette
25A ABS №2	ABS
30A AM2	launch system
30A CDS	electric fan drive (models with 1AZ-FSE engine)
40A ABS №1	ABS
40A HTR	air conditioner
30A MAIN	headlights
30A RDI	electric fan drive
120A ALT	charging system
	launch system
	MULTIPLEX system
	dimensions

	backlight
	rear window heater and
	mirror heater
20A DOOR	MULTIPLEX system
	central locking
	models since 12.2004
30A DCC	audio system (models with audio preparation)
	models since 12.2004

- R1 – Fan motor relay 2
- R2 – Relay 3 fan motor
- R3 – Horn relay
- R4 – Relay 1 fan motor
- R5 – Relay 2 injection system
- R6 – Relay 1 injection system
- R7 – Headlight relay

Fuse and Relay Box No. 2

R1 – starter relay

R2 – injector relay

7.5A ST – Starting system