

Toyota Sprinter / Chevrolet Prizm – fuse and relay

Toyota Sprinter was produced with different body options, such as Toyota Sprinter Trueno (three-door coupe), Toyota Sprinter Cielo five-door liftback), Toyota Sprinter Carib (station wagon), Toyota Sprinter Marino (five-door hardtop) and others. Also known as **Geo Prizm** or **Chevrolet Prizm**. In this article we will show the description of fuses and relays Toyota Sprinter 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001 release with box diagrams and their locations. Highlight the cigarette lighter fuse.



The location of the boxes and the purpose in them may differ from the one presented and depend on the year of manufacture, the level of equipment and the region of delivery of your car. Check the assignment with your diagrams on the box cover.

Passenger compartment

Type 1

This diagram is suitable for models in the 90, 91 – 95 body. The unit is located under a panel on a rack behind a protective cover.

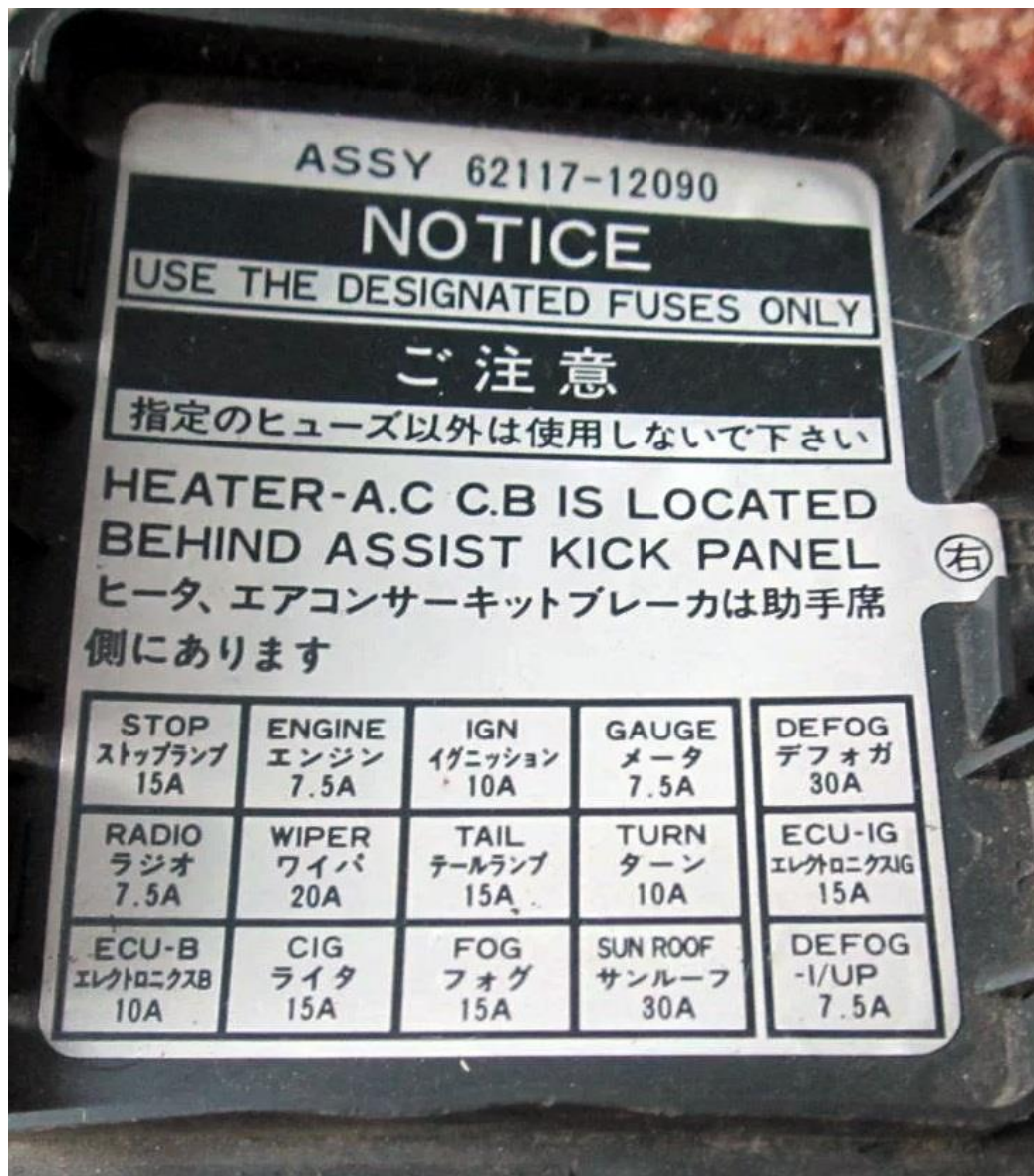


Diagram from the box cover. Option 1.

HEATER-A.C C.B IS LOCATED
BEHIND ASSIST KICK PANEL

	STOP 15A	ENGINE 7.5A	IGN 10A	GAUGE 7.5A
ECU-IG 15A	RADIO 7.5A	WIPER 20A	TAIL.RH 10A	TURN 10A
	ECU-B 10A	CIG 15A	TAIL.LH 10A	SUN ROOF 30A

Diagram from the box cover. Option 2.



Assignment

- ECU-IG – electronic fuel injection system, cabin air cooling system
- STOP – light stop signal
- RADIO – radio, electric rear-view mirror
- ECU-B – rear fog lamp
- ENGINE – battery charging system, engine heating system
- WIPER – cleaners and washers for glass and headlights
- CIG – cigarette lighter, digital clock display
- IGN – battery charging system, charging indicator lamp, exhaust gas recirculation device, electric fan in the engine compartment, engine preheating
- TAIL – dimensions, license plate light, instrument panel lighting
- GAUGE – indicator devices, control, warning lights, driving efficiency control device, reverse light, air conditioning control system, heated rear window, electric window, central locking

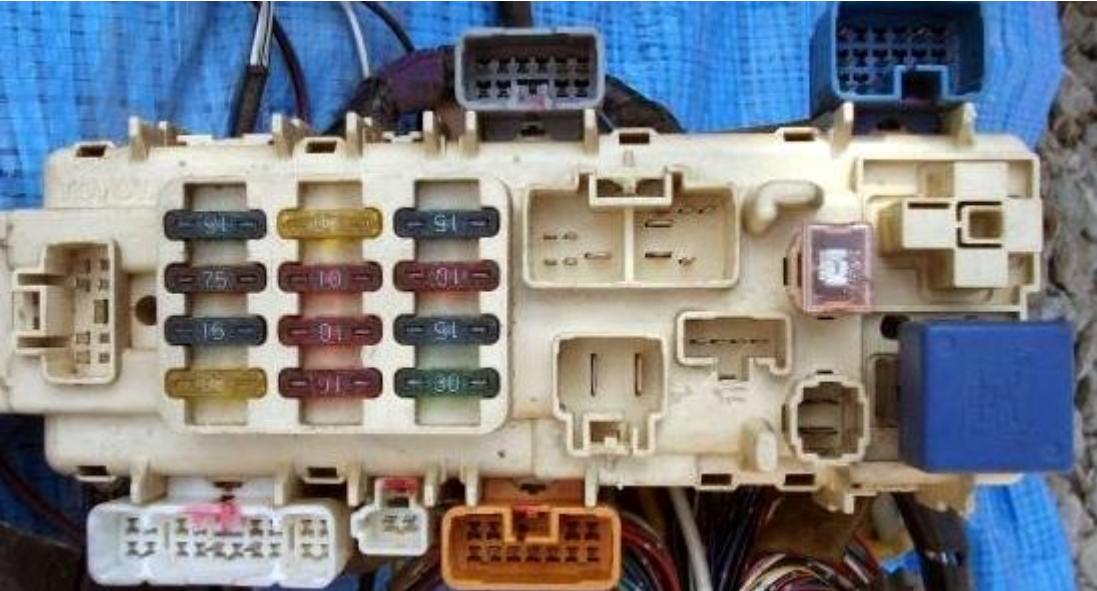
- TURN – flashing direction indicators, hazard warning lights
- SUNROOF is an electrically operated sliding roof.

The cigarette lighter fuse is designated CIG.

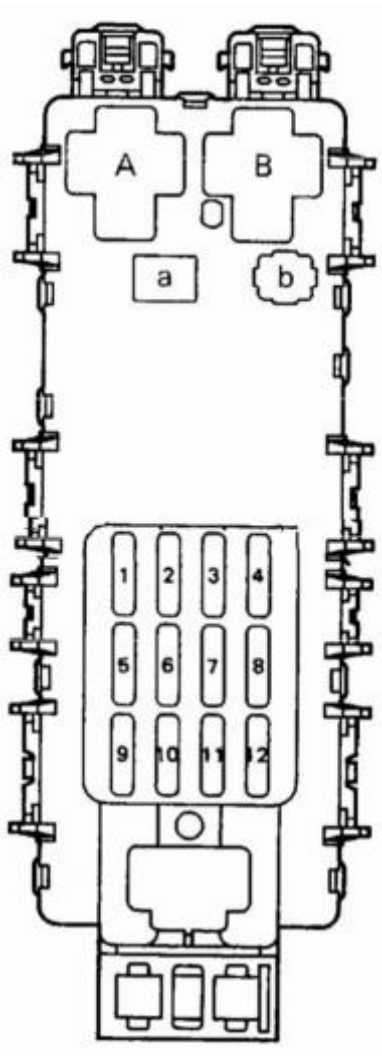
Type 2

This diagram is suitable for models in the 100, 101 body. As in the previous version, the unit is mounted under the panel on a pillar, near the driver's foot.





Diagram



Protected components

Right hand drive

1	15A FOG – fog lights
---	----------------------

2	10A IGN – ignition
3	15A STOP – brake lights
4	30A DEFOG – glass heater
5	20A CIG & RADIO – cigarette lighter , radio tape recorder, mirrors
6	10A ECU-B – ABS, power supply of the central lock
7	10A TURN – direction indicators
8	10A GAUGE – devices
9	15A TAIL – dimensions
10	7.5A DEF-I / UP – increase in idle speed when the glass heater is turned on
11	15A ECU-IG – transmission electronics, ABS, control system lock (automatic transmission)
12	20A WIPER – wipers

Left hand drive

1	15A FOG – fog lights
2	10A IGN – ignition
3	15A STOP – brake lights
4	20A SEAT HTR – seat heater
5	20A CIG & RADIO – cigarette lighter , radio tape recorder, mirrors
6	10A ECU-B – ABS, power supply of the central lock
7	10A TURN – direction indicators
8	10A GAUGE – devices
9	10 / 15A TAIL – dimensions
10	7.5A DEF-I / UP – increase in idle speed when the glass heater is turned on

11	15A ECU-IG – transmission electronics, ABS, control system lock (automatic transmission)
12	20A WIPER – wipers

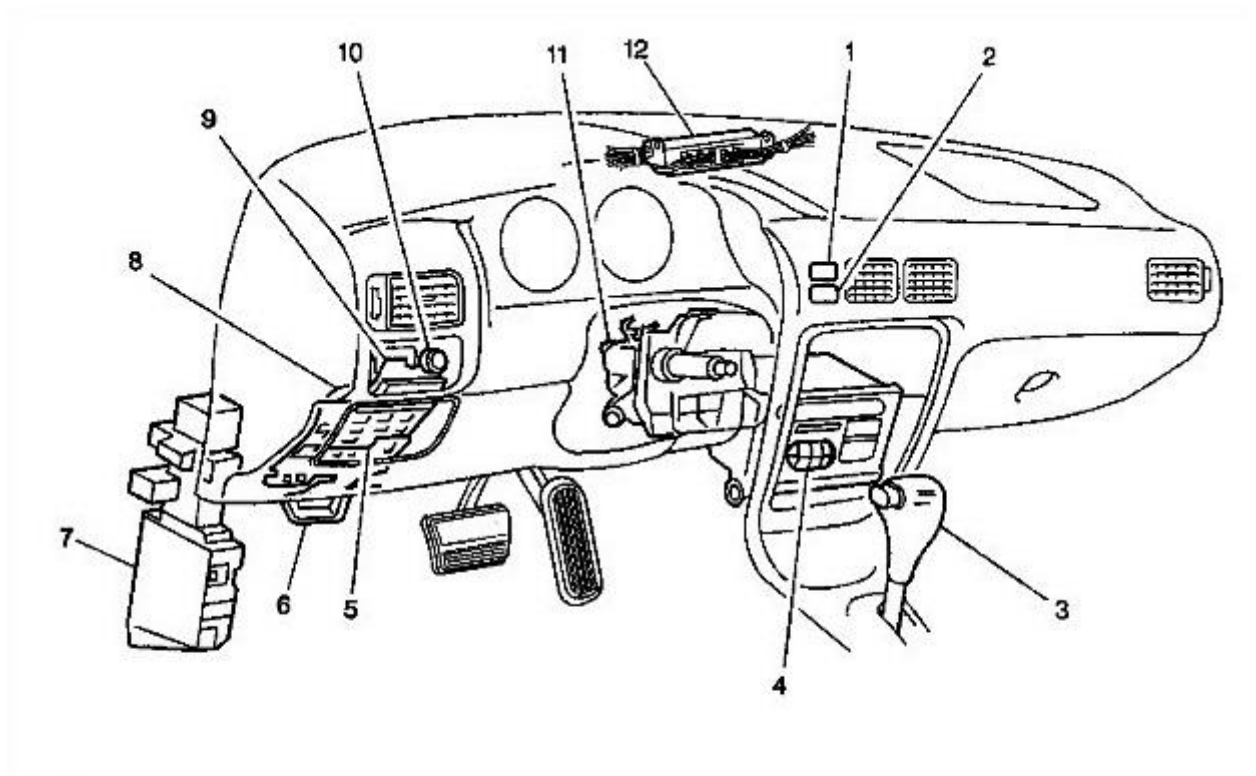
The fuse number 5, 20A, is responsible for the cigarette lighter.

Relay designation

- a – POWER – glass lifters, sunroof and central locking
- b – FOG – fog lights
- c – FLASHER – relay – breaker
- A – DEFOG – glass heater
- B – TAIL – dimensions

Type 3

This diagram is suitable for 110, 111 body models. In this version, the fuse box is located at the bottom of the dashboard.



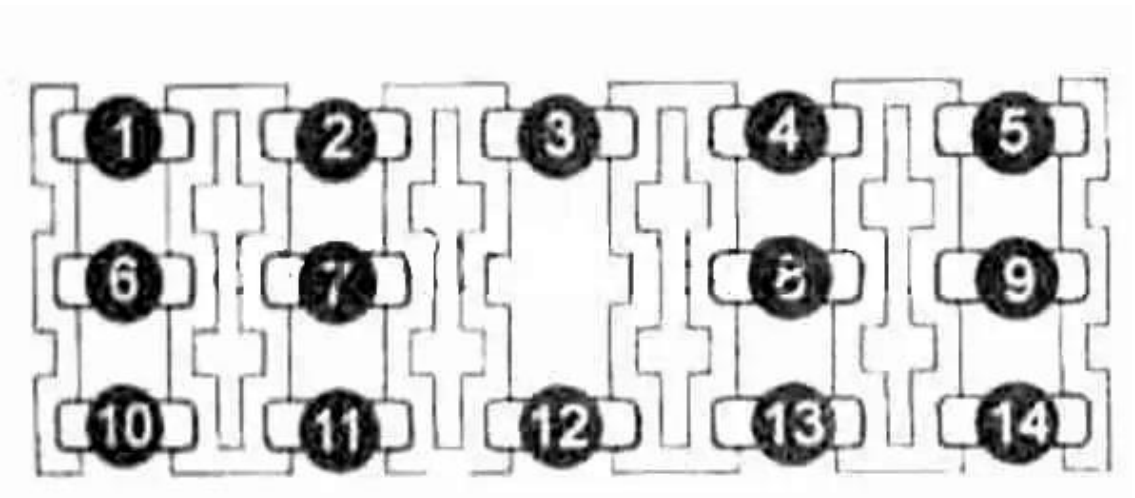
Legend

- | | |
|--------------------------|--|
| (1) Hazard Switch | (7) Junction Block 1 |
| (2) Rear Defogger Switch | (8) Multifunction Alarm Module |
| (3) Overdrive Switch | (9) Outside Rearview Mirror Controller |
| (4) Radio | (10) IP Lamp Dimmer |
| (5) Junction Block 2 | (11) Ignition Switch |
| (6) OBD II DLC | (12) Junction Block 3 |

Photo – example



Diagram



Appointment

1	15A FOG – Fog lights
2	15A STOP – Stop lights, fuel injection system, anti-lock brake system, shift lock system
3	10A ECU -IG – Anti-lock braking system
4	5A STARTER – Starter
5	15A LIGHTER – Cigarette lighter, clock, electric mirrors, radio tape recorder
6	5A ECU -B – Diesel engine electronic control system

7	10A METER – Instrument cluster
8	7,5A TURN – Direction indicators, alarm
9	7,5A IGNITION – Battery charging system, fuel injection system
10	15A TAIL – Taillights, tail lamps, license plate illumination, instrument cluster and audio system
11	20A WIPER – Windscreen wipers and washer
12	30A DEFOG – Heated rear window
13	10A IDLE-UP – System for increasing idle speed
14	30A DOOR – Central locking

The fuse number 5, 15A, is responsible for the cigarette lighter.

Engine compartment

The main fuse and relay box is located under the hood on the left side.

Type 1

Photo – example



Diagram from the box cover



Circuits protected

- CHARGE 7,5A – battery charging system, indicator lamp for charging current, starting automatic
- FAN-I / UP 7,5A – pre-start engine heating system, automatic start-up
- HORN – signal relay
- HEAD – headlight relay
- DOME 10A – ceiling lamp, door warning lamps, tailgate lamp
- EFI 15A – electronic petrol injection system
- HAZ-HORN 15A – warning flashing signals, sound signal
- FAN 30A – engine cooling system, fan
- FAN NO.1 – cooling fan relay.

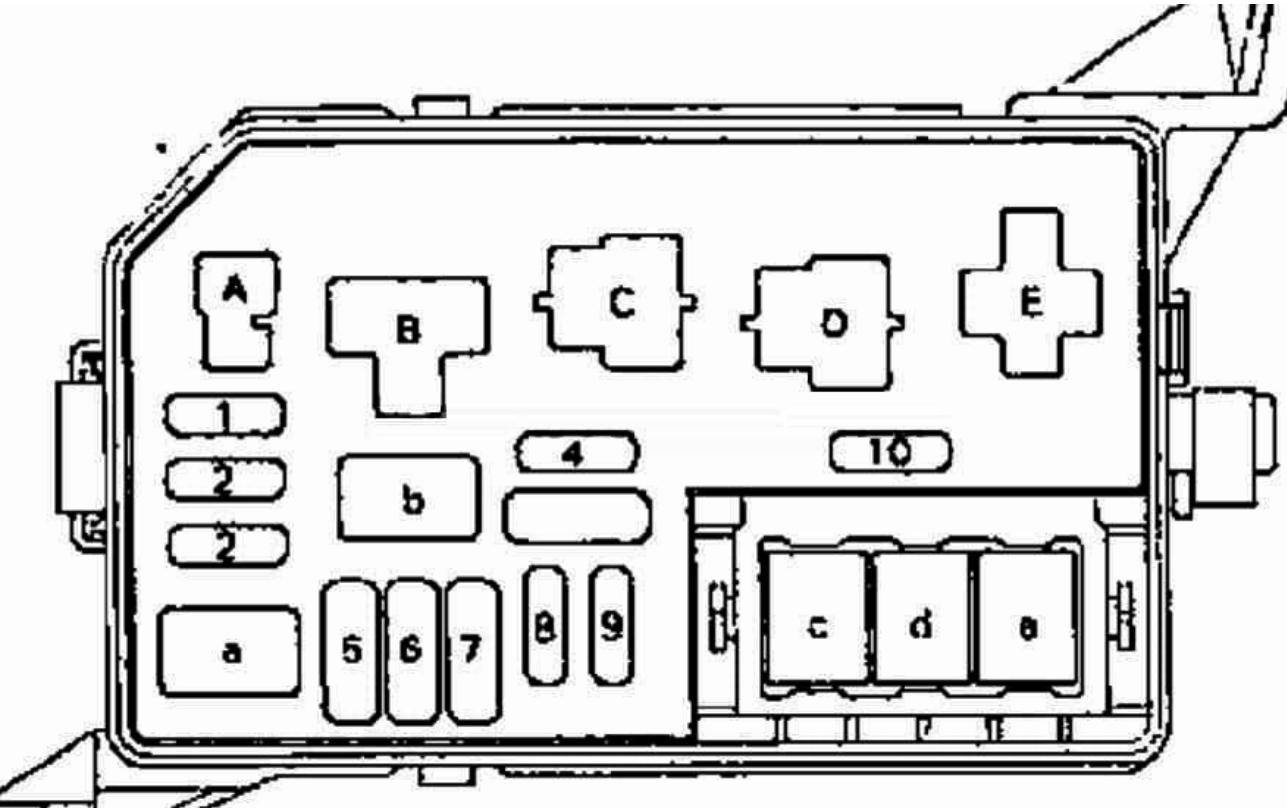
Type 2



Legend from the cover



Diagram



Designation

a	30A AM2 – AM2 circuit of the ignition switch (terminals IG2, ST2)
b	30A FAN – radiator fan

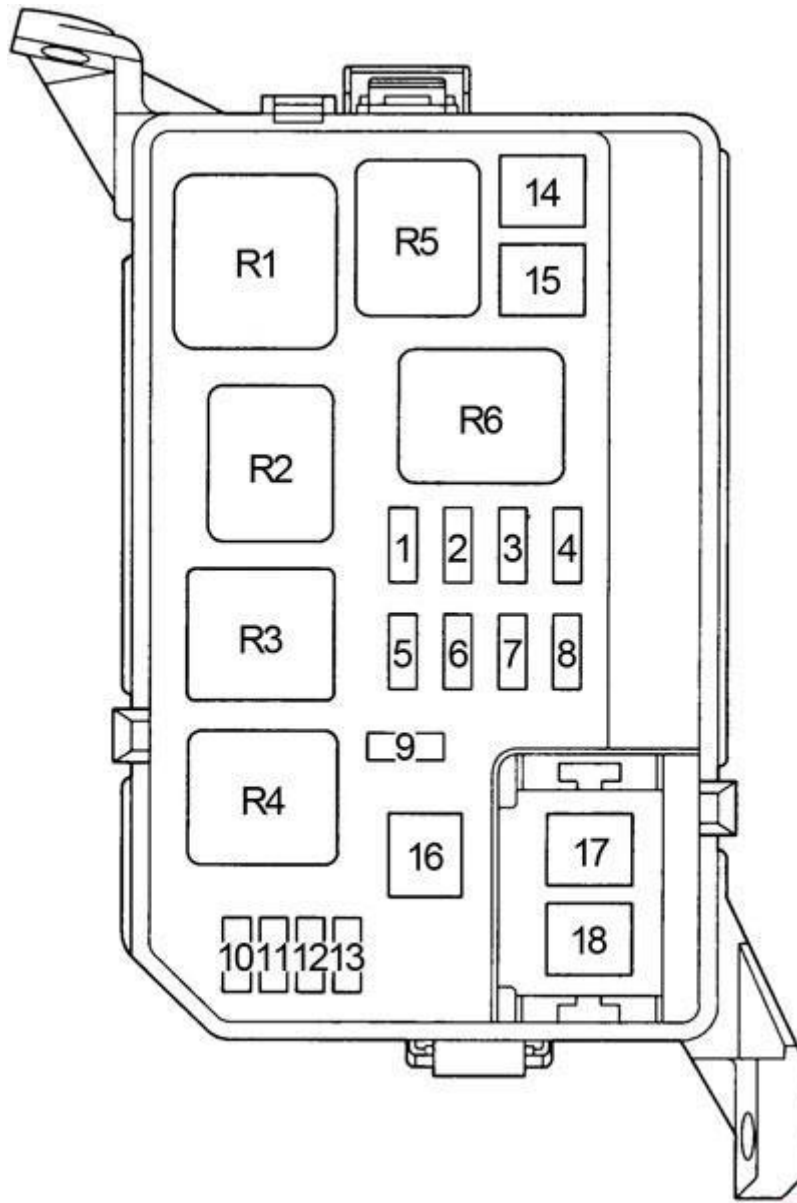
c	40A AM1 – output circuit AM1 of the ignition switch (terminals ACC, IG1, ST1), 80A GLOW (diesel) – candles
d	80 / 100A ALT (gasoline) – battery charging, AM1 (diesel), AM1 (2E)
e	50A ABS – ABS
1	20A DOME – electric drive and interior lighting
2	20A HA7-HORN – alarm, sound signal
3	7,5A FAN-I / UP – increase in idle speed
4	7.5A ALT-S – charging
5	7,5A Spare – spare
6	15A Spare – spare
7	20A Spare – spare
8	15A HEAD (RH) – right headlights
9	15A HEAD (LH) – left headlights
10	15A EFI F-HTR – fuel supply
A	HORN – Signal relay
B	FAN – Cooling fan relay
C	E / G-MAIN – Main relay
D	HEAD – Headlight relay
E	EFI – Motor relay

Type 3

Photo – an example and a diagram from the block cover



Diagram



Assignment

1	5A ALT-S – Charging system
2	10A HEAD (RH-UPR) – Right headlight (DRL – daytime running lights)
3	15A EFI – 4A-FE, 5A-FE, 7A-FE, 4E-FE: Multiport fuel injection system / sequential multiport fuel injection system
	15A F-HTR – 2C-E: Multiport fuel injection system / sequential multiport fuel injection system
4	10A HORN – Sound signal, anti-theft system
5	10A HAZARD – Hazard warning system, direction indicators
6	15A AM2 – Starting system, fuses: “ST”, “IGN”

7	–
8	10A HEAD (LH-UPR) – Left headlight (DRL – daytime running lights)
9	15A DOME – Audio system, interior lighting, personal lighting, luggage compartment lighting, clock, daytime running lights, anti-theft system
10	–
11	–
12	–
13	–
14	50A AM1 – Fuses: “CIG”, “TURN”, “GAUGE”, “ECU-IG”, “WIP”
15	30A FAN – Cooling fan
	30A RDI – Cooling fan
16	40A MAIN – Starting system, fuses: “HEAD (LH) or HEAD (LH-UPR),” HEAD (RH) or HEAD (RH-UPR), “HEAD LH-Lo” and “HEAD RH-LO”
17	100A ALT – Fuses: “RDI”, “CDS”, “AM1”, “POWER”, “D / L”, “TAIL”, OBD, “FOG”, “ECU-B”, “STOP”, “DEF”, “HTR”
18	50A ABS – ABS

Relay

R1	Engine control unit (ENGINE MAIN)
R2	4A-FE, 5A-FE, 7A-FE, 4E-FE: Engine control unit (EFI) 2C-E: Fuel heating (F-HTR)
R3	Headlights (HEAD)
R4	Starter (ST)
R5	Sound signal
R6	Cooling fan (FAN NO.1)

Individual elements can be located outside the presented boxes.