

Toyota Crown 150 170 fuse and relay

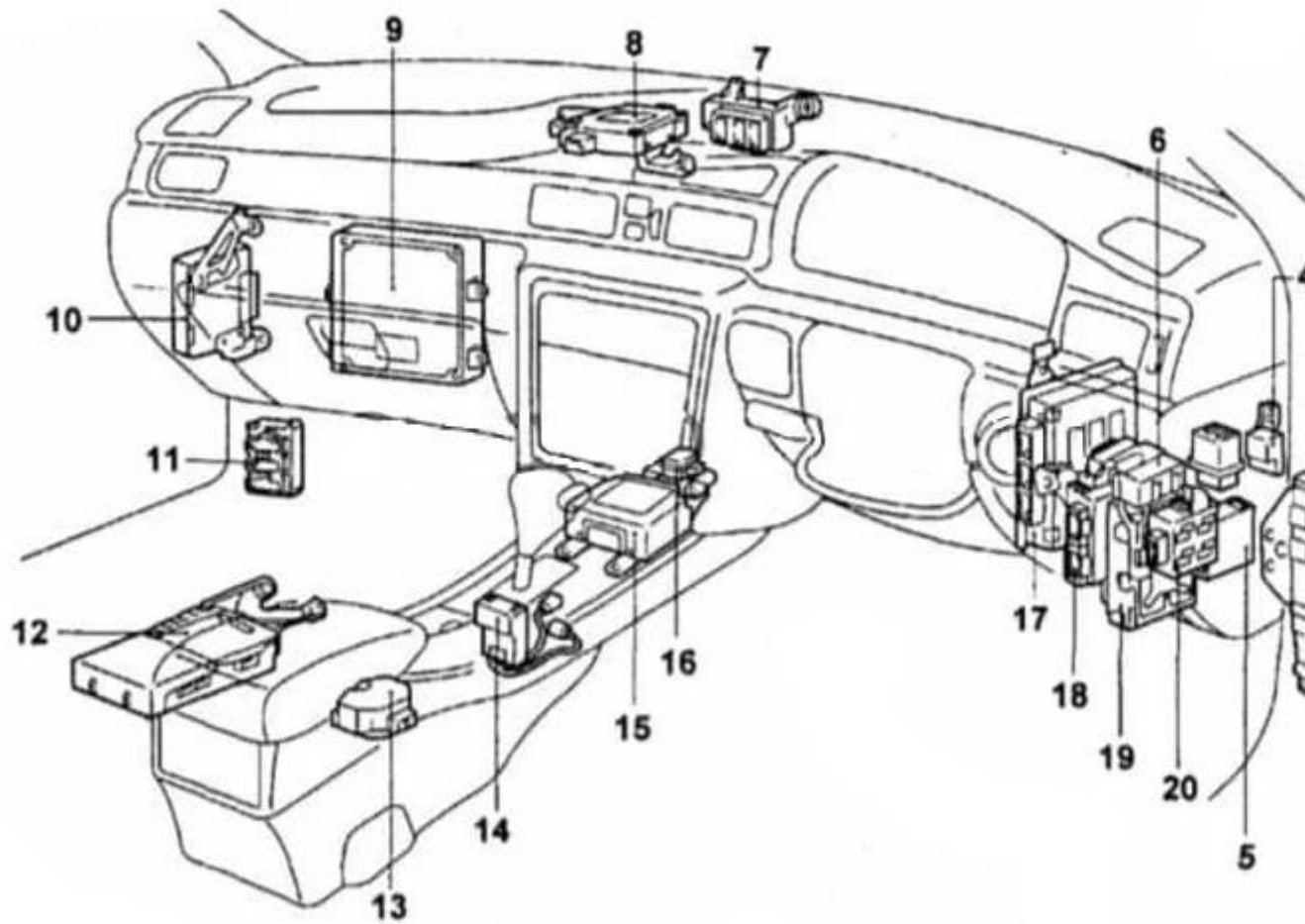
Toyota Crown in the back of **S150** and **S170** was produced in 1995, 1996, 1997, 1998, 1999, 2000, 2001 and 2002 in various modifications and changes. In this article you will find information describing fuses and relays Toyota Crown 15x 17x with box diagrams and their locations. Note the cigarette lighter fuse.



There is no one general description of box diagrams. Check the assignment with your diagrams on the lid. We will present only the most common design options.

Passenger compartment

General arrangement of boxes in the cabin



Assignment

1. driver's side mounting block
2. multiplex control unit
3. driver's side relay box
4. VSC buzzer
5. the relay of the warning system about the left in the ignition switch (models with 1G-FE engines)
6. remote control receiver for central locking
7. central mounting block
8. navigation system receiver (models up to 07.1997)
9. electronic engine control unit
10. throttle actuator control unit
11. mounting block No. 4

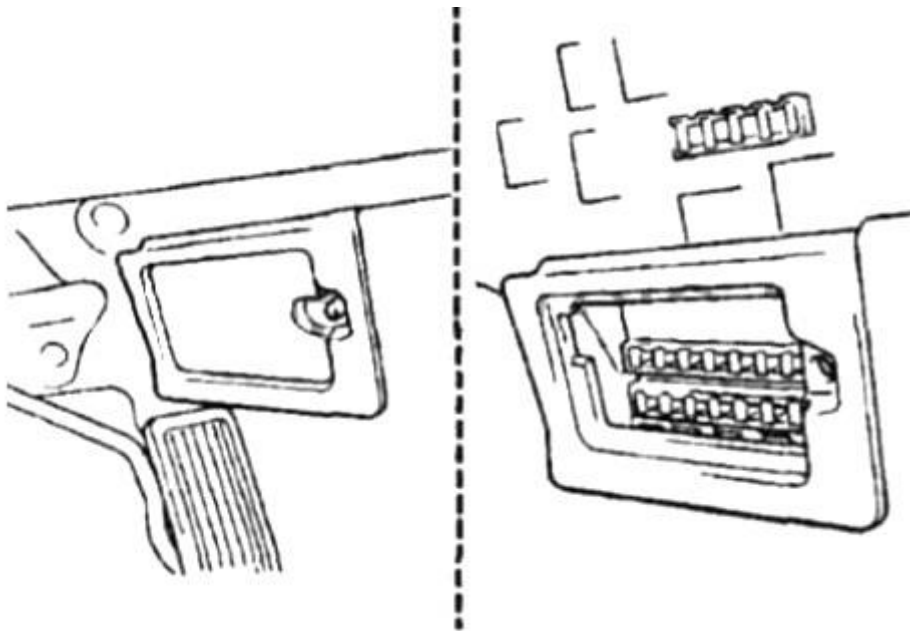
12. amplifier
13. deceleration sensor (4WD models with 1JZ-GE engines)
14. Selector lever lock electronic control unit
15. electronic control unit SRS
16. collision sensor (models up to 07.1997)
17. ABS electronic control unit
18. electronic steering column adjustment unit
19. electronic unit of the cruise control system
20. EPS control unit

Fuse box

Type 1

In the passenger compartment, the main fuse box is located under the dashboard, on the stand, behind the protective cover.

Location



Photo



Diagram

1	5A STARTER – Starter
2	20A DRRP / W – Power window regulator, rear right door

3	20A P FRP / W – Power window regulator, front passenger door
4	20A PRRP / W – Power window regulator, rear left door
5	30A ROOF – Hatch
6	10A TURN – Direction indicators
7	10A HEATER – Control panel for heater, front and rear air conditioners
8	7,5A PANEL – Ashtray illumination, instrument cluster, switches and switches
9	10A TAIL – Front and rear dimensions, license plate light
10	20A D FRP / W – Power window regulator driver's door
11	20A DOOR – Central locking
12	15A FOG – Fog lights
13	7,5A TRUNK – Trunk lock and fuel filler flap remote control system
14	15A METER – Instrument cluster and instrument cluster illumination adjustment
15	15A SEAT HEATER – Heated seats
16	20A WIPER – Wipers and washers
17	10A RADIO No. 2 – Multifunctional display
18	10A IGN – Electronic engine control unit
19	30A D / SEAT – Power driver's seat
20	5A TV – Multifunction display
21	15A MIR HEATER – Heated mirrors
22	15A ECU-IG – Systems ABS, TRC, VSC, "cruise control", automatic on / off headlights
23	15A LIGHTER – Cigarette lighter, radio and clock
24	30A P / SEAT – Power Front Passenger Seat
25	15A STOP – Stop lights

The fuse number 23, 15A, is responsible for the cigarette lighter.

- R1 – main relay
- R2 – tail relay
- R3 – lighting relay when turning
- R4 – direction indicator relay
- R5 – fog lamp relay

Type 2

Photo – scheme

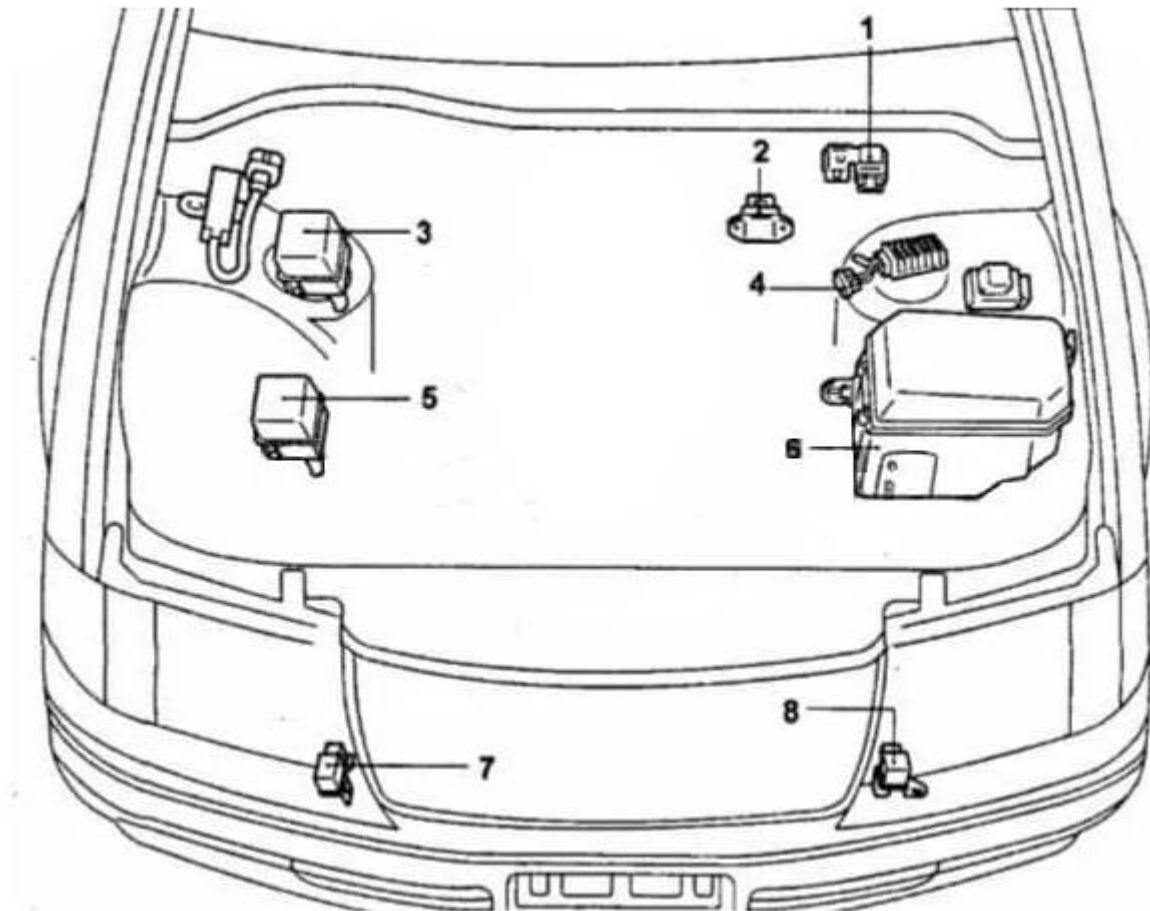


A 15A CIG fuse is responsible for the cigarette lighter.

Engine compartment

Type 1

General layout of boxes under the hood



Appointment

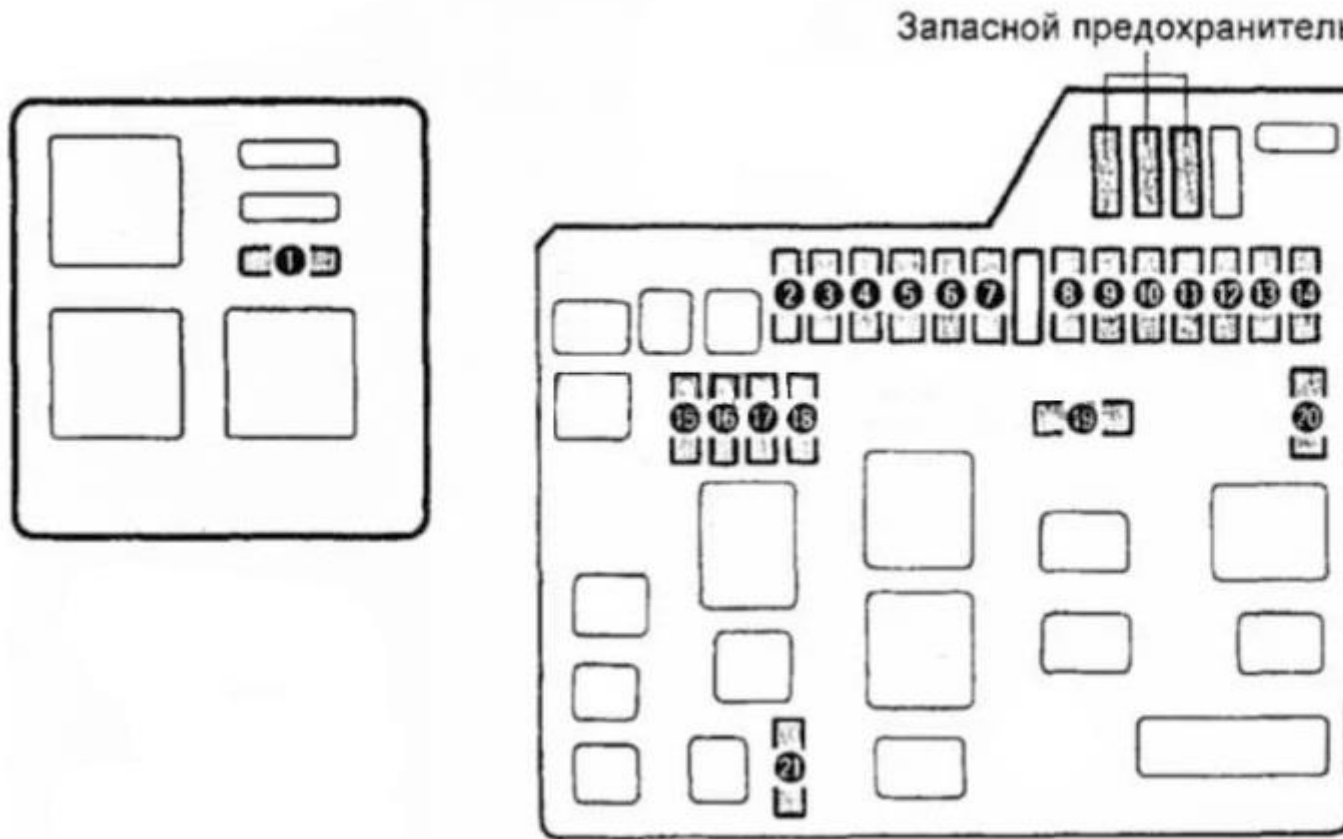
1. intake manifold absolute pressure sensor (models with 1G-FE, 1JZ-GE engines up to 09.1996)
2. intake manifold absolute pressure sensor (models with engines 1JZ-GE, 2JZ-GE from 09.1996)
3. relay box (models with 1G-FE engines up to 09.1999)
4. fuel pump resistor (models with 2JZ-GE engines)
5. relay box (models with engines 1JZ-GE, 2JZ-GE)
6. relay and fuse box in the engine compartment
7. airbag sensor (front right) (models from 07.1997)
8. airbag sensor (front left) (models from 07.1997)

Fuse and relay box

Photo example



Diagram



Designation

1	7,5A TRC – VSC control unit
2	7,5A ROOM LAMP 2 – Central locking, clock, trunk and interior lighting
3	5A ALT SENCING – Generator
4	20A EFI – Electronic engine control unit
5	20A RADIO №1 – Radio tape recorder, multifunction display
6	20A AM2 – Electronic engine control unit
7	20A DOOR SUB – Central locking
8	7,5A ELECTR2 – Air conditioning, cruise control, ABS, TRC and SRS
9	7,5A ROOM LAMP – Interior lighting, front and rear

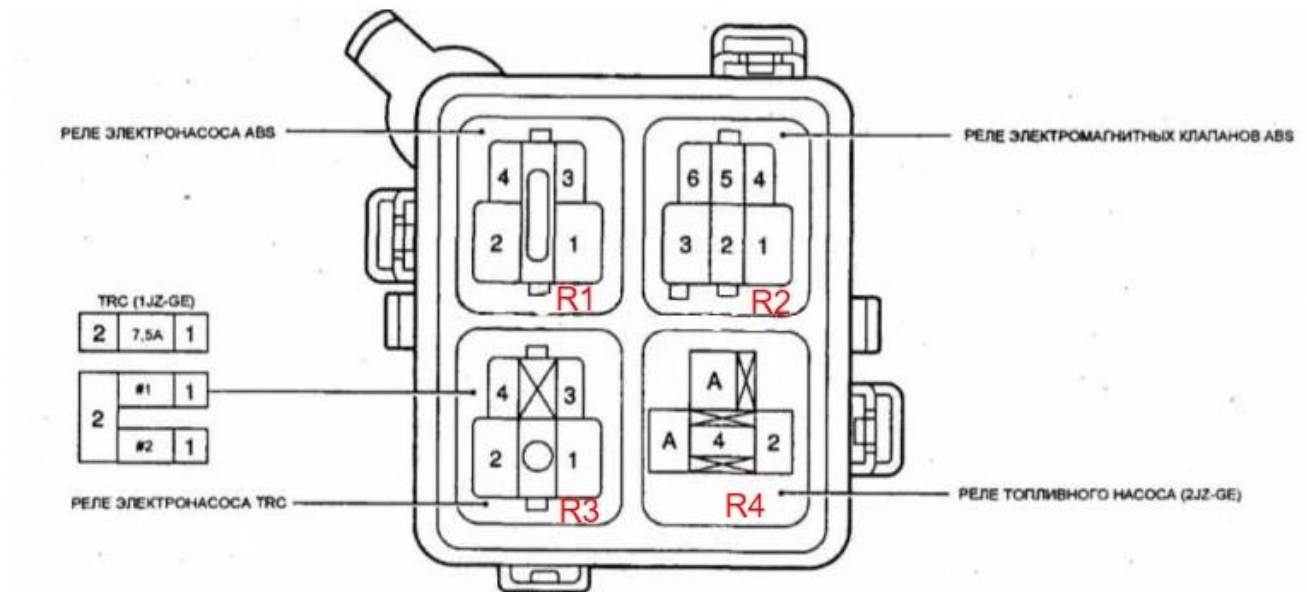
10	15A HAZARD – Alarm
11	15A TELEPHONE – Phone
12	10A HORN – Sound signal
13	15A HEAD (LH) – Left headlight
14	15A HEAD (RH) – Right headlight
15	7,5A REAR CON – Rear air conditioner
16	5A I / UP – Engine Control Unit
17	15A HEAD RH (HI) * 1 – Right headlight (high beam)
	5A I / UP 2 * 2 – Engine control unit
18	15A HEAD RH (HI) * 1 – Right headlight (high beam)
19	30A FAN – Fan motor
21	15A ETCS – Electronic Throttle Control

Relay

- R1 – heater relay
- R2 – main relay of the injection system
- R3 – starter relay
- R4 – headlight relay

- R5 – air conditioning compressor clutch relay
- R6 – rear heater relay
- R7 – fuel pump relay
- R8 – main relay of the fan motor
- R9 – fan motor relay

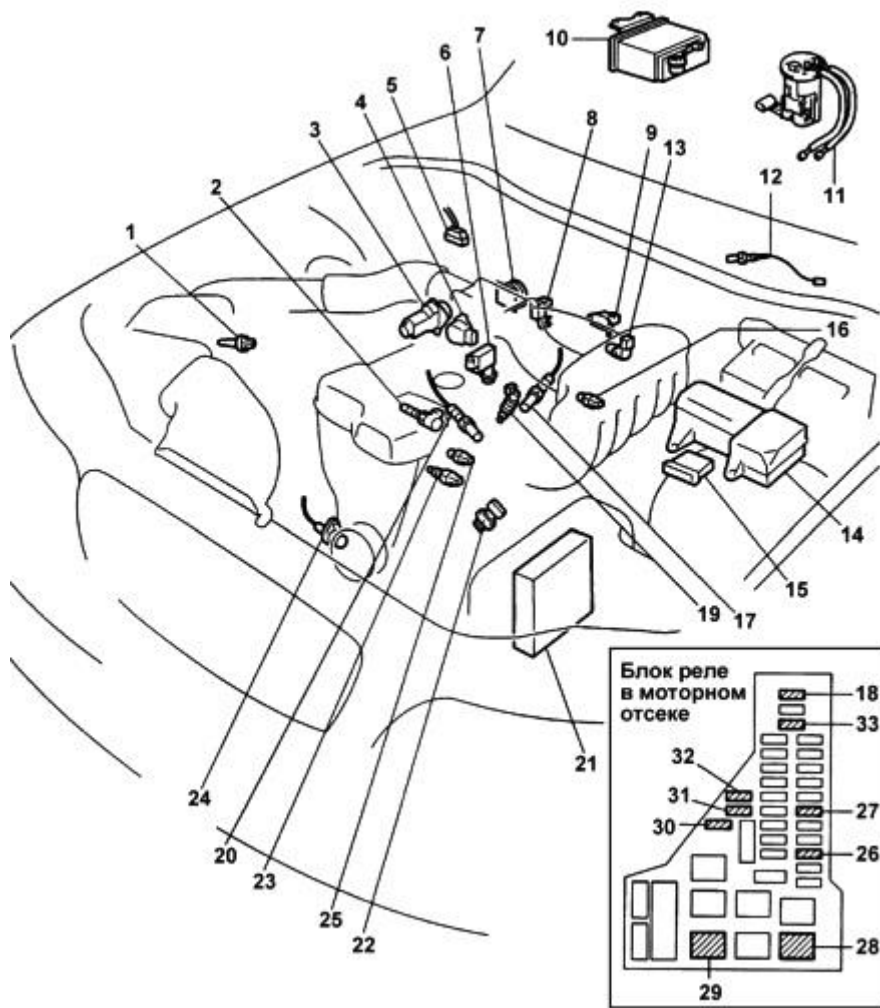
Relay box



- R1 – relay of the electric pump ABS
- R2 – relay of electromagnetic pumps ABS
- R3 – relay of the electric pump TRC
- R4 – fuel pump relay

Type 2

Layout



Decoding

1. intake air temperature sensor
2. valve VVT
3. throttle actuator motor (ETCS)
4. throttle position sensor
5. diagnostic connector DLC3
6. ignition coil
7. throttle sector (with sensor)
8. electro pneumatic valve
9. MAP sensor
10. fuel vapor accumulator
11. fuel pump
12. rear oxygen sensor

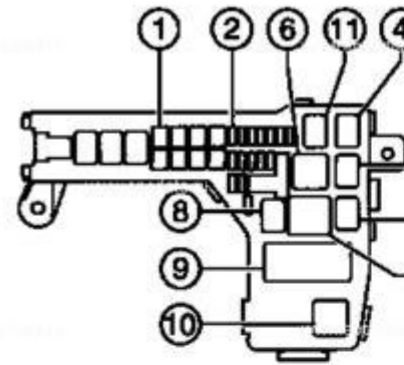
13. camshaft position sensor
14. relay box No. 1
15. switch
16. knock sensor
17. oxygen sensor B2S1
18. fuse "AM" (50 A)
19. nozzle
20. oxygen sensor B1S1
21. electronic engine control unit
22. power steering pressure sensor
23. coolant temperature sensor
24. position sensor
25. crankshaft knock sensor
26. fuse "EFI" (25 A)
27. fuse "ETCS" (15 A)
28. fuel cut-off relay
29. main relay of the injection system
30. fuse ST 5 A
31. fuse "IG" (15 A)
32. fuse "EFI 2" (10 A)
33. fuse "ALT" (120 A).

Photo example of the execution of blocks

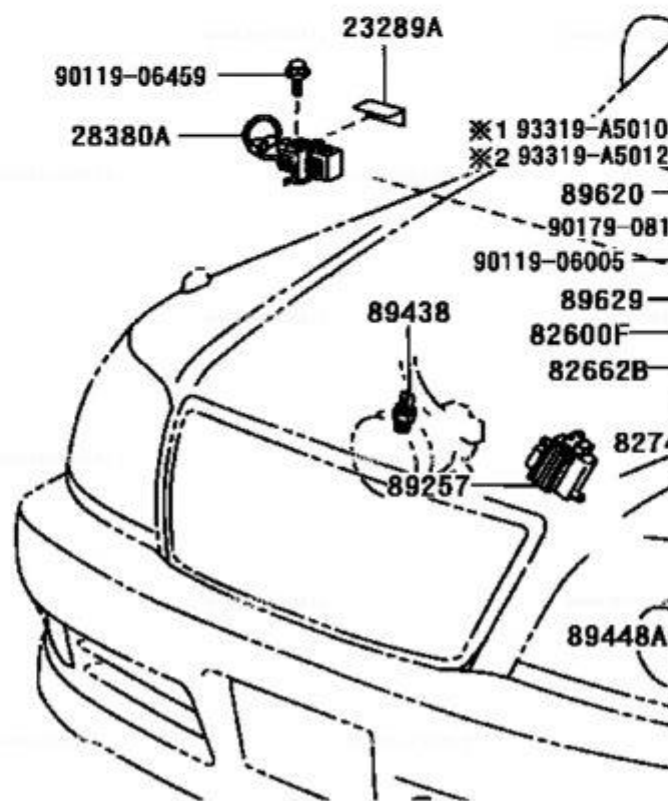


Relay

No.	PNC	PARTS NAME
①	REFER TO FIG 82-02 (PNC 82210C)	
②	82600F	FUSE
③	28300	RELAY,STARTER
④	REFER TO FIG 84-04 (PNC 85910F)	
⑤	REFER TO FIG 84-04 (PNC 85910Z)	
⑥	REFER TO FIG 84-04 (PNC 28380)	
⑦	REFER TO FIG 84-04 (PNC 85911C)	
⑧	REFER TO FIG 84-04 (PNC 85910A)	
⑨	REFER TO FIG 84-14 (PNC 88263A)	
⑩	REFER TO FIG 84-04 (PNC 88263E)	
⑪	28371C	RELAY,IGNITION,No.2
⑫	85927	RELAY,COOLING FAN
⑬	85927A	RELAY,COOLING FAN,No.2
⑭	85912	RELAY,DEFOGGER
⑮	85941	RELAY,WINDSHIELD WASHER
⑯	85916P	RELAY,HEADLAMP
⑰	85926	RELAY,HEADLAMP DIMMER
⑱	85916D	RELAY,FOG LAMP
⑲	85916F	RELAY,CORNERING LAMP
⑳	86530	RELAY,HORN
㉑	85934	RELAY,MAGNET CLUTCH
㉒	85941A	RELAY,REAR WINDSHIELD WASHER



※1 JZS171. . TWT, JZS179
※2 JZS171, 173. . TWC



Assignment

- 28380A RESISTER, FUEL PUMP
- 82741 BLOCK, ENGINE ROOM RELAY
- 89620 IGNITER ASSY
- 28371C RELAY, IGNITION, NO.2
- 85927 RELAY, COOLING FAN
- 89629 BRACKET, IGNITER ASSY
- 82660 BLOCK ASSY, RELAY, ENGINE ROOM
- 89438 SWITCH, POWER STEERING OIL PRESSURE
- 85927A RELAY, COOLING FAN, NO.2

82662B COVER, RELAY BLOCK, UPPER, NO.2
82602 BLOCK SUB-ASSY, RELAY
85912 RELAY, DEFOGGER
82742 BLOCK, ENGINE ROOM RELAY, NO.2
85941 RELAY, WINDSHIELD WASHER
89257 COMPUTER, COOLING FAN
82663 COVER, RELAY BLOCK, LOWER
85916P RELAY, HEADLAMP
82663A COVER, RELAY BLOCK, LOWER, NO.2
85926 RELAY, HEADLAMP DIMMER
85916D RELAY, FOG LAMP
89448A SENSOR, POWER STEERING OIL PRESSURE
85916F RELAY, CORNERING LAMP
86530 RELAY ASSY, HORN
85934 RELAY, MAGNET-CLUTCH
85941A RELAY, REAR WINDSHIELD WASHER