

Toyota RAV4 (XA20; 2001-2005) fuses and relays

*In this article, we consider the second-generation Toyota RAV4 (XA20), produced from 2000 to 2005. Here you will find fuse box diagrams of **Toyota RAV4 2001, 2002, 2003, 2004 and 2005**, get information about the location of the fuse panels inside the car, and learn about the assignment of each fuse (fuse layout) and relay.*

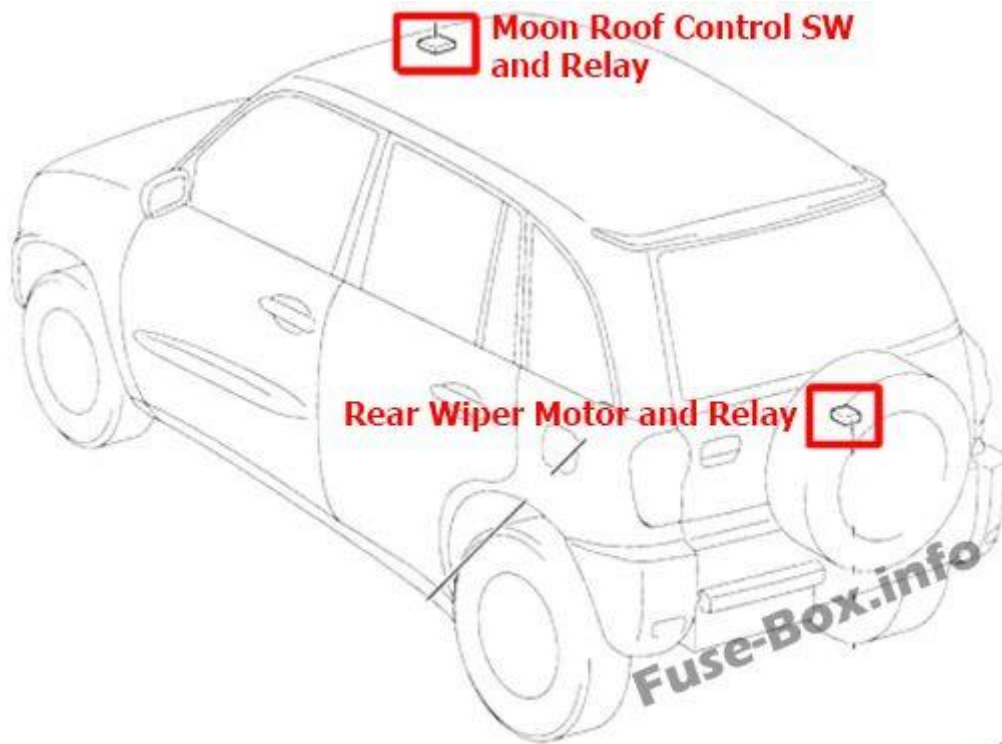
See other Toyota RAV4:

Fuse Layout Toyota RAV4 2001-2005

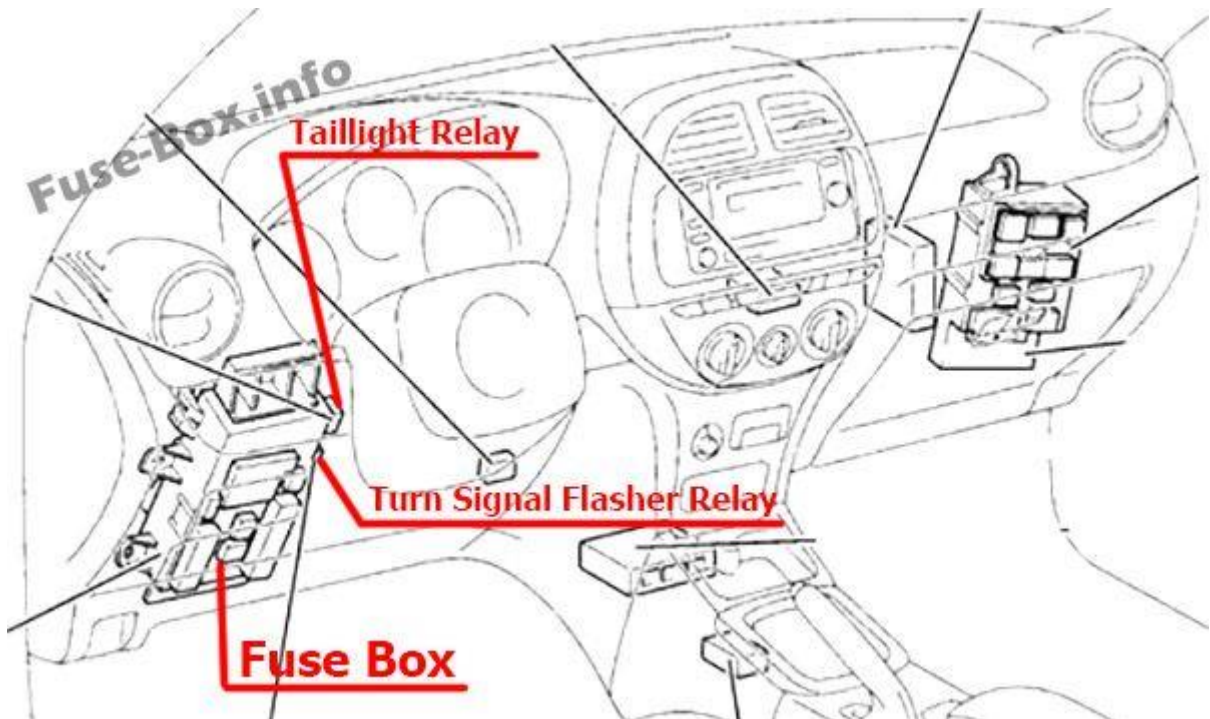


Cigar lighter (power outlet) fuses in the Toyota RAV4 are the fuse #2 "CIG" (Cigarette lighter) and #3 "POWER OUTLET (Power outlets) in the Instrument panel fuse box.

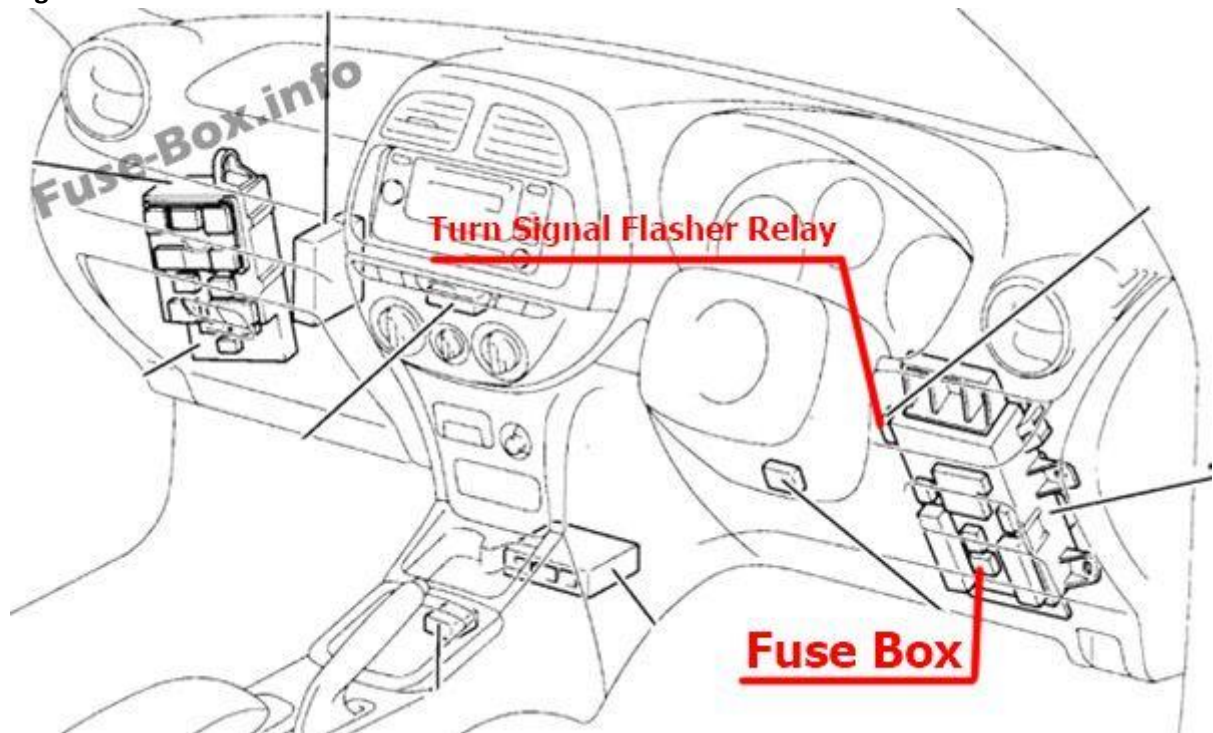
Passenger Compartment Overview



Left-hand drive vehicles



Right-hand drive vehicles



Passenger Compartment Fuse Box

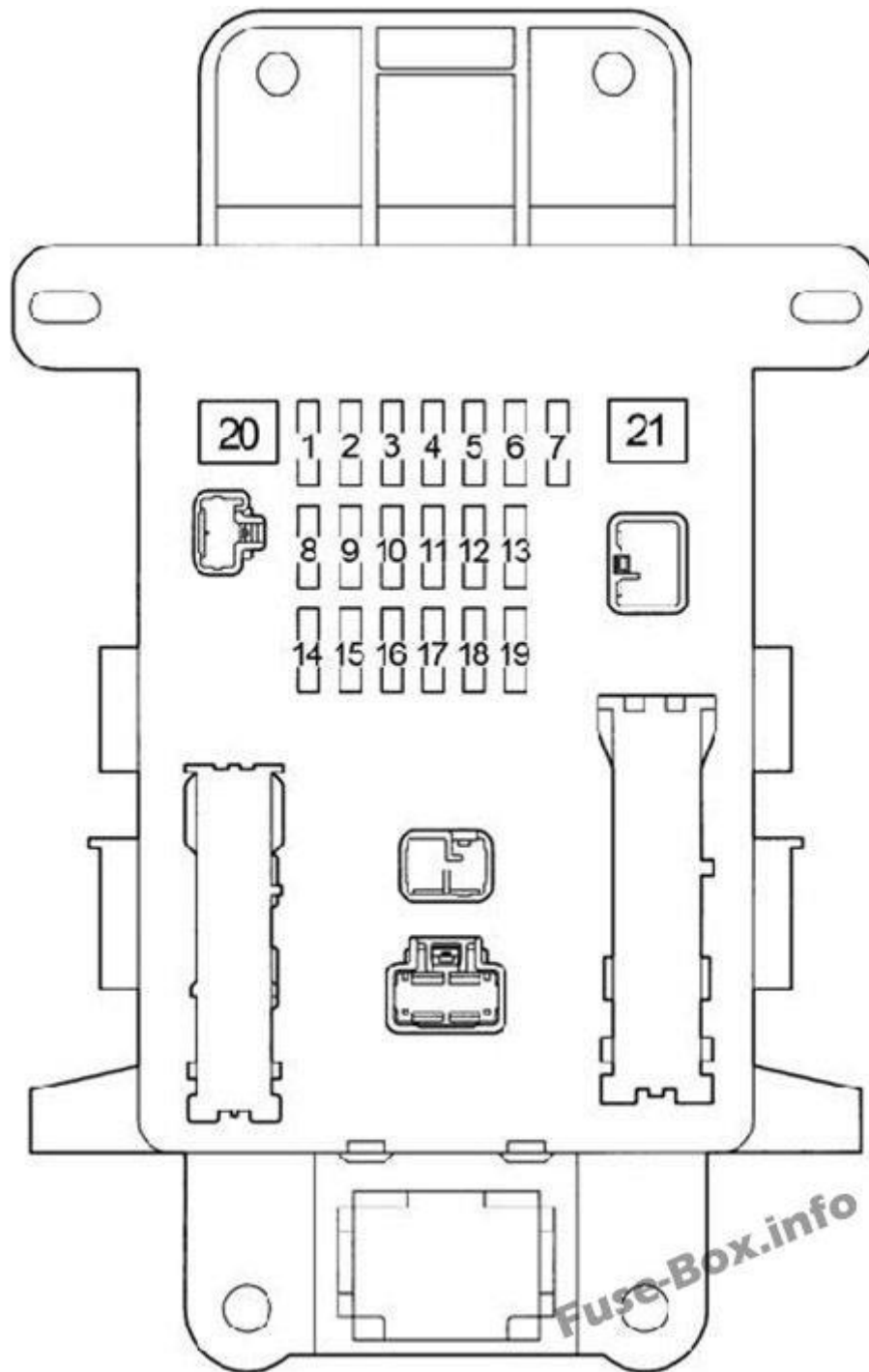
Fuse box location

The fuse box is located in the instrument panel (on the driver's side), behind the cover.



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Fuse box diagram

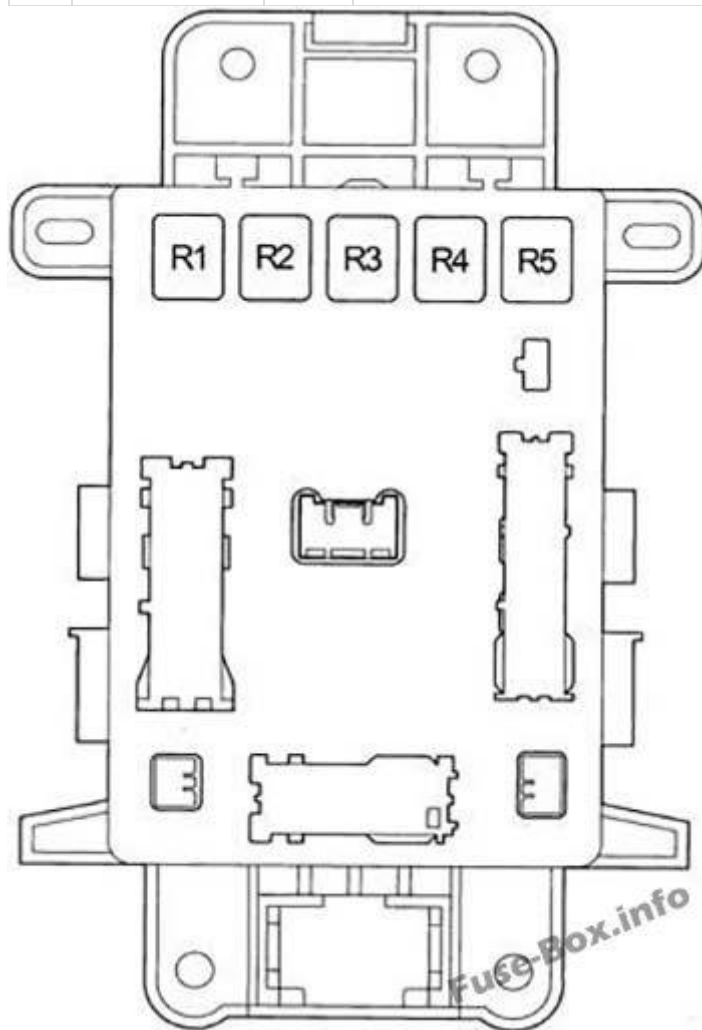


Assignment of the fuses in the Passenger Compartment Fuse Box

No	Name	Amp	Circuit
1	STOP	10	Stop lights, high-mounted stoplight, anti-lock brake system, shift lock control system, multiport fuel injection system/sequential multiport fuel injection system, cruise control system
2	CIG	15	Cigarette lighter

No	Name	Amp	Circuit
3	POWER OUTLET	15	Power outlets
4	S-HTR	10	Seat heater
5	PANEL	7.5	Instrument panel light, gauges and meters, front fog lights, instrument panel light control, outside rear view mirror defoggers, air conditioning system
6	FR FOG	15	Front fog lights
7	HORN	10	Horn
8	TAIL	7.5	Tail lights, license plate lights, instrument cluster lights
9	TAIL&PANEL	15	"PANEL" and "TAIL" fuses
10	ACC	7.5	Car audio system, shift lock control system, clock, power rear view mirrors
11	DEF	20	Rear window defogger
12	GAUGE	10	Back-up lights, electric cooling fans, air conditioning system, automatic transmission indicator lights, charging system
13	OBD	7.5	On-board diagnosis system
14	IG2	10	Discharge warning light, multiport fuel injection system/sequential multiport fuel injection system, starting system, SRS airbag system, gauges and meters
15	DOOR	20	Power door lock system
16	MIR HTR	10	Outside rear view mirror defoggers
17	RR WIP	15	Rear window wiper and washer
18	WIP	25	Windshield wipers and washer

Nº	Name	Amp	Circuit
19	ECU IG	10	Emergency flashers, gauges and meters, anti-lock brake system, SRS airbag system, shift lock control system, cruise control system, vehicle stability control system, traction control system
20	POWER	30	Electric moon roof, power windows
21	AM1	40	Power outlets, rear window defogger, "ACC", "CIG", "ECU IG", "GAUGE", "RR WIP", "S-HTR" and "WIP" fuses



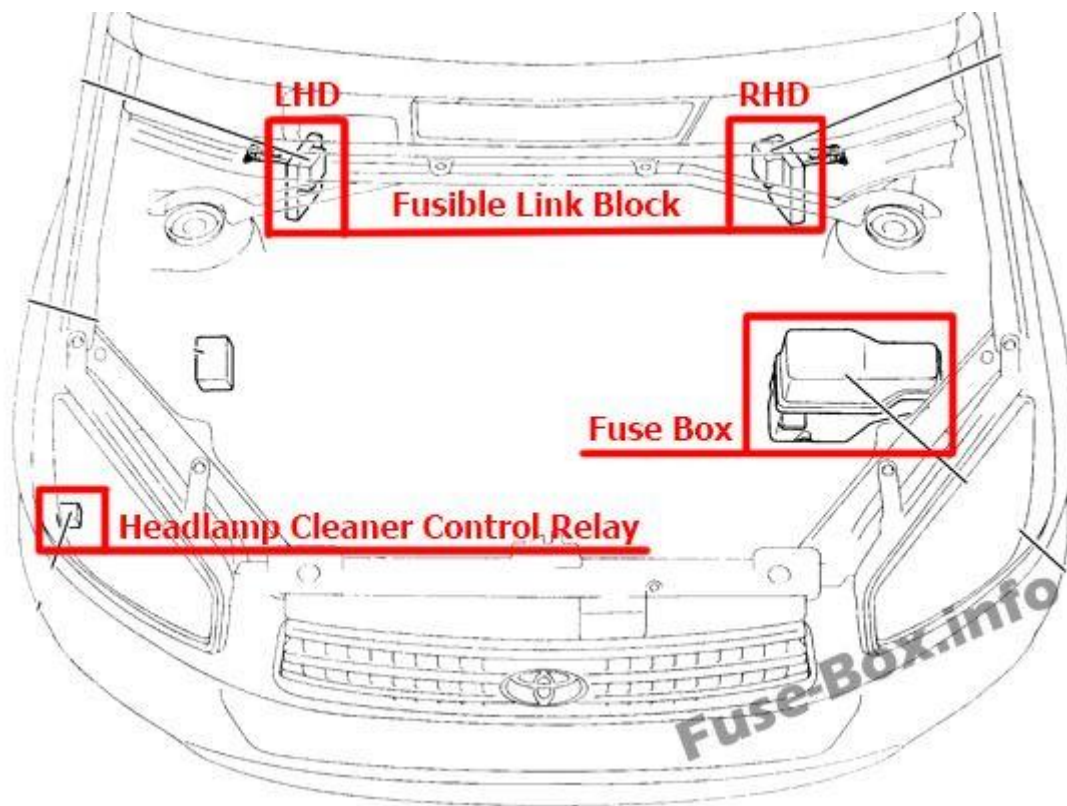
Nº	Relay
R1	Horn
R2	Rear fog light (RR FOG)

№	Relay
R3	Rear window defogger (DEF)
R4	Power outlet (PWR OUTLET)
R5	Power window (PWR)

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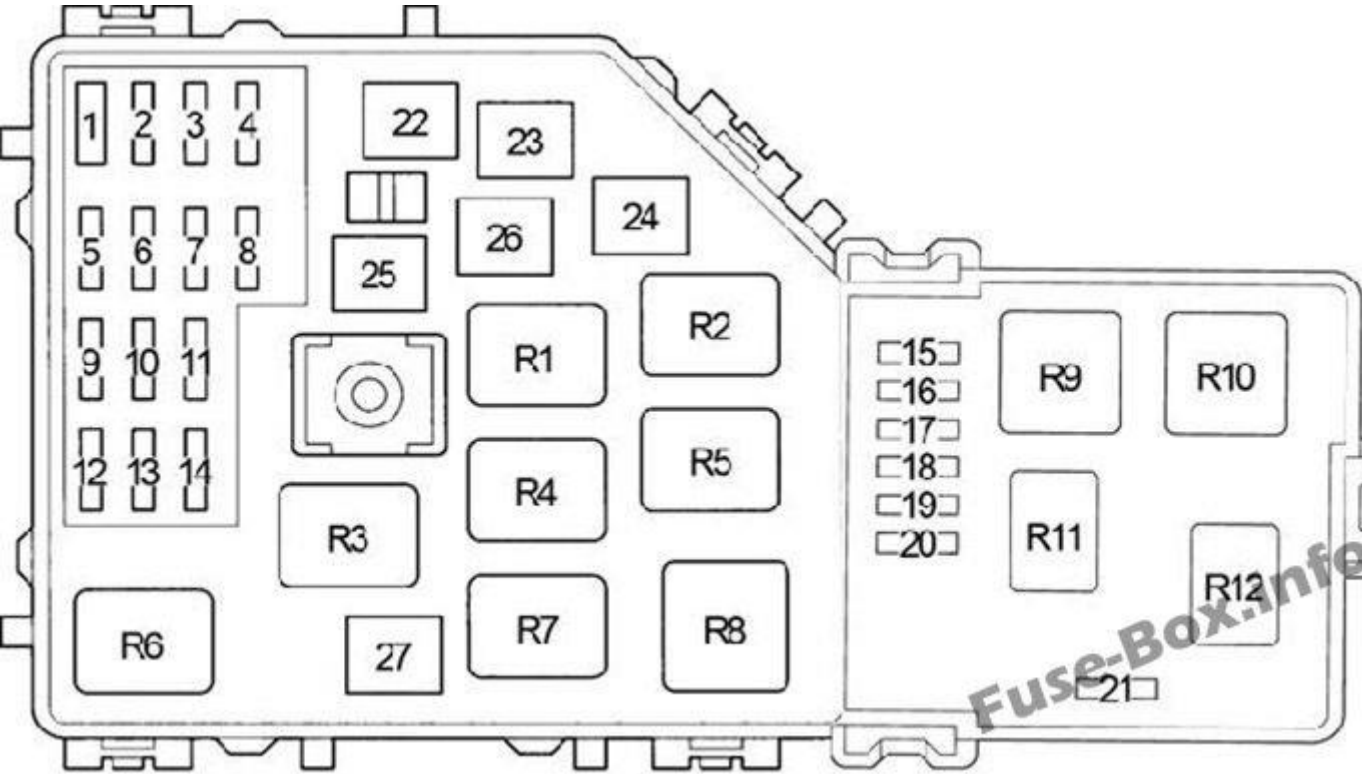
Engine Compartment Fuse Box

Fuse box location





Fuse box diagram



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Assignment of the fuses and relay in the Engine Compartment

No	Name	Amp	Circuit
1	-	-	Short pin

No	Name	Amp	Circuit
2	ALT-S	5	Charging system
3	A/F	20	A/F sensor
3	RADIO NO.2	30	Audio system
4	EFI1	20	Multiport fuel injection system/sequential multiport fuel injection system, automatic transmission fluid temperature sensor, "EFI2" and "EFI3" fuses
5	CUT	30	"RADIO" and "DOME" fuses
6	HAZ	10	Emergency flashers
7	EFI2	5	Multiport fuel injection system/sequential multiport fuel injection system
8	ABS 2	30	Anti-lock brake system, vehicle stability control system, traction control system, brake assist system
9	DOME	10	Clock, personal light, interior lights, air conditioning system, wireless remote control system, headlight high beam indicator light, gauges and meters, headlight high beam indicator light
10	MAIN	30	"H-LP RH" and "H-LP LH" fuses
11	EFI3	10	Multiport fuel injection system/sequential multiport fuel injection system, emission control system
12	RADIO	15	Car audio system
13	A/C	5	Air conditioning system
14	IGN	15	Starting system, multiport fuel injection system/sequential multiport fuel injection system
15	-	-	-

№	Name	Amp	Circuit
16	-	-	-
17	ETCS	10	Electronic throttle control system
18	H-LP RH	10	Right-hand headlight
19	H-LP LH	10	Left-hand headlight
20	INJ	-	Multiport fuel injection system/sequential multiport fuel injection system
21	ST	5	Starting system
22	AM2	30	Discharge warning light, multiport fuel injection system/sequential multiport fuel injection system, starting system, SRS airbag system and "IG2" fuse
23	HTR	40	Air conditioning system
24	H-LP CLN	30	Headlight cleaner
24	F-HTR	30	Fuel heater
25	CDS	30	Electric cooling fan
26	ABS 1	40/50	Anti-lock brake system
27	RDI	30	Electric cooling fan
Relay			
R1			Engine control unit (EFI MAIN)
R2			Electric cooling fan (FAN NO.3)
R3			Ignition (IG2)

Nº	Name	Amp	Circuit
R4			Electric cooling fan (FAN NO.2)
R5			Air fuel ratio sensor (A/F)
R6			Electric cooling fan (FAN NO.2)
R7			Fuel pump (C/OPN)
R8			Heater (HTR)
R9			Starter (ST)
R10			Daytime running light (DRL)
R11			Engine control unit
R12			-