

Toyota Land Cruiser (100/J100; 1998-2007) fuses and relays

*In this article, we consider the fourth-generation Toyota Land Cruiser (100/J100), produced from 1998 to 2007. Here you will find fuse box diagrams of **Toyota Land Cruiser 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006 and 2007**, 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 Land Cruiser:

Fuse Layout Toyota Land Cruiser 1998-2007



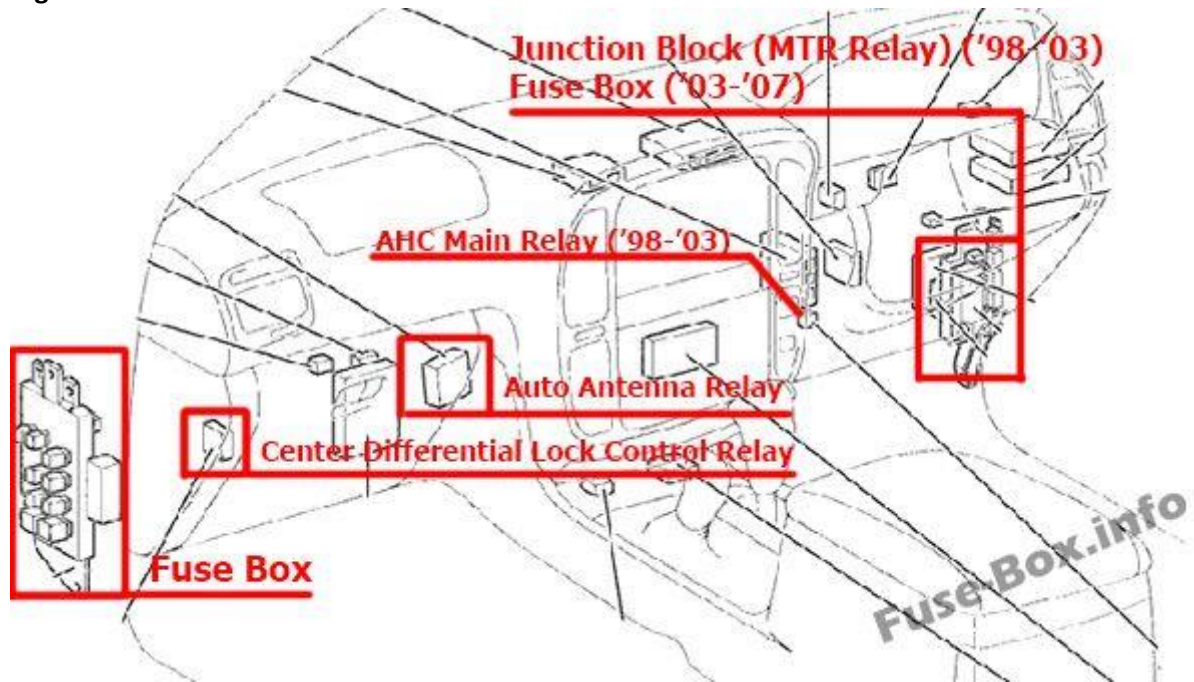
Cigar lighter (power outlet) fuses in the Toyota Land Cruiser 100 are the fuses #3 (1998-2003) or #2 (2003-2007) "CIGAR"/"CIG" (Cigarette lighter) and #22 (1998-2003) or #1 (2003-2007) "PWR OUTLET" (Power outlets) in the Instrument panel fuse box.

Fuse Box Location

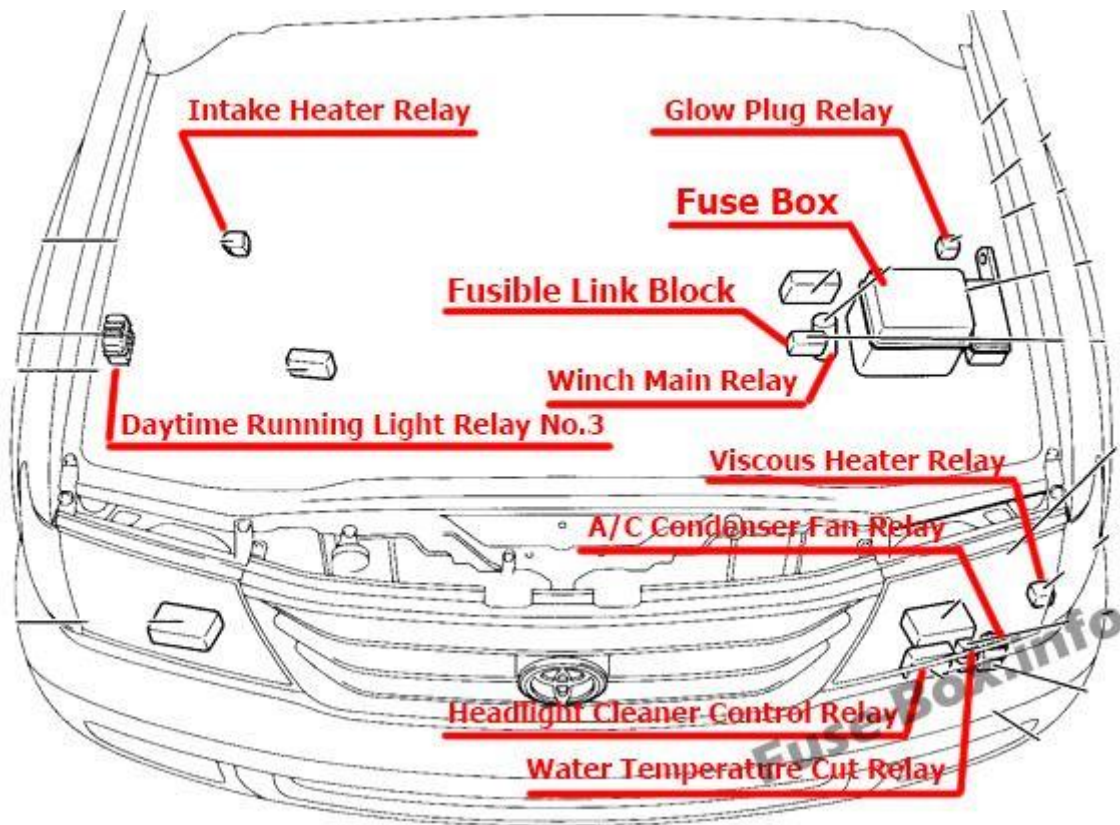
Passenger compartment

Left-hand drive vehicles

Right-hand drive vehicles



Engine compartment

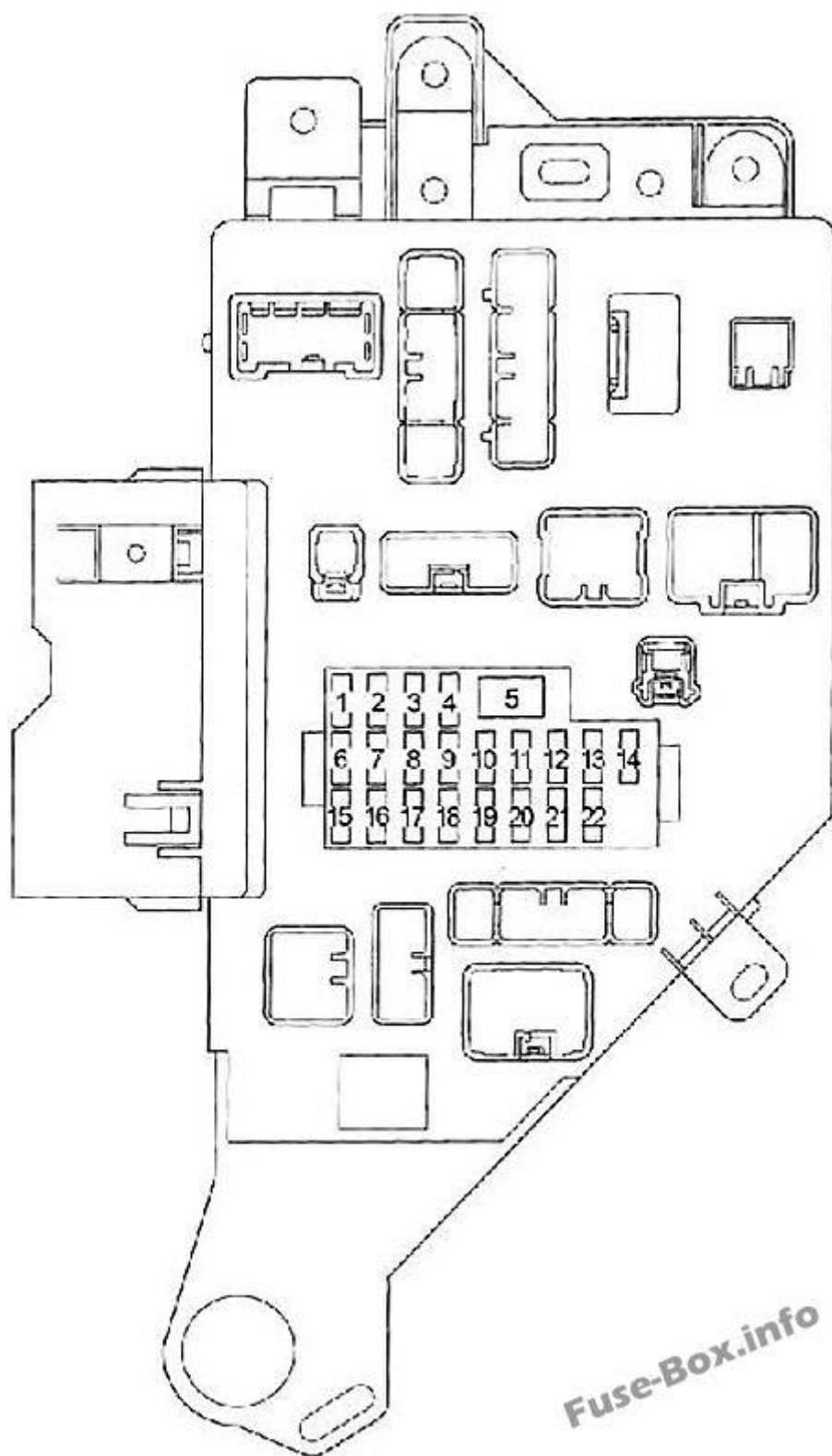


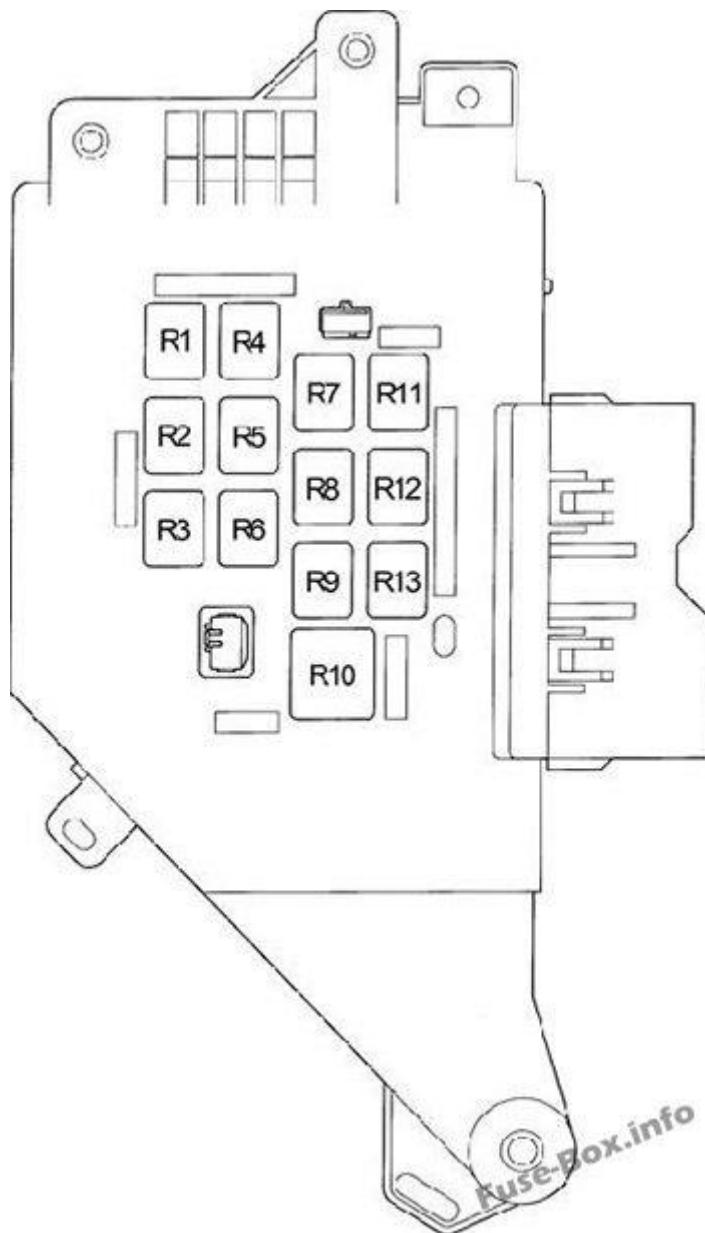
Fuse box diagrams

Advertisements

1998, 1999, 2000, 2001, 2002, 2003

Passenger Compartment





Assignment of the fuses and relay in the Passenger Compartment (1998-2003)

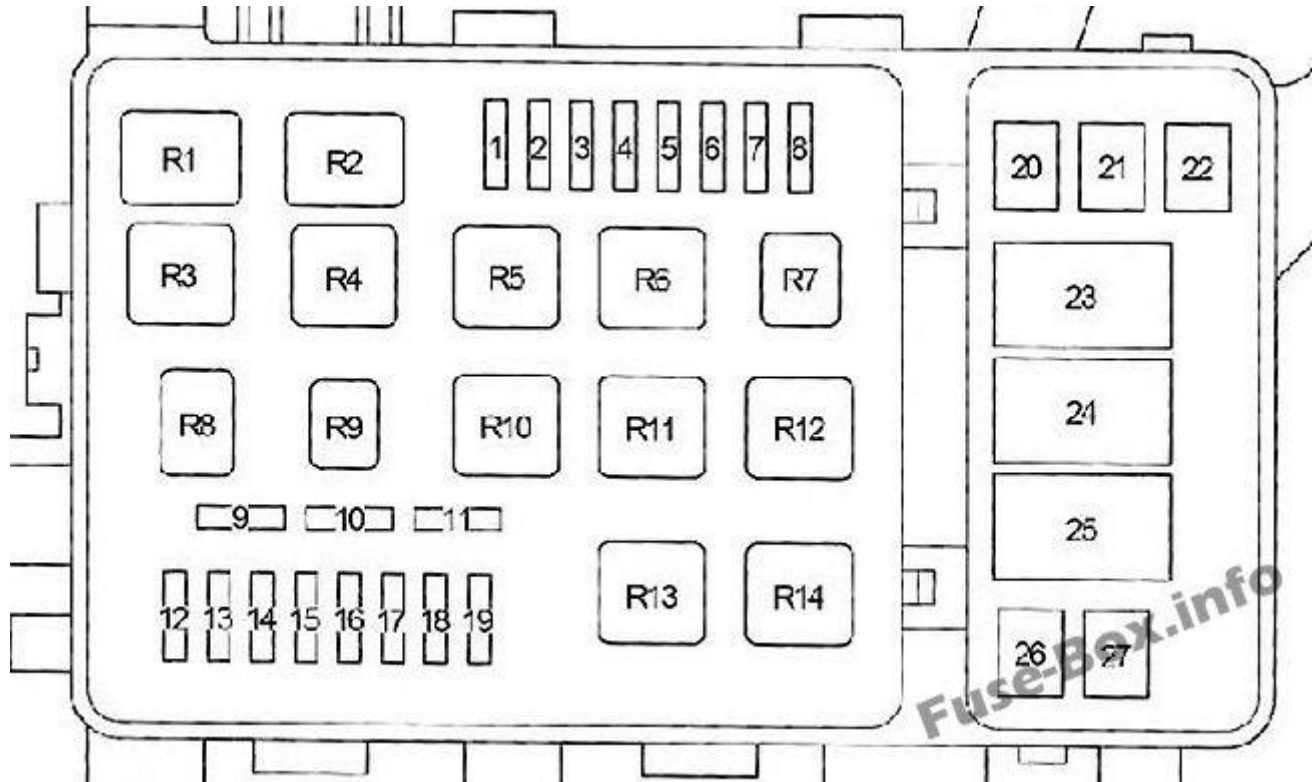
Nº	Name	Amp	Circuit
1	MIRR	10	Power rear view mirror
2	SRS	15	SRS airbag system, seat belt pretensioners
3	CIGAR	15	Cigarette lighter, car audio system, power antenna
4	IGN	10	Multiport fuel injection system/sequential multiport fuel injection system, anti-lock brake system, SRS airbag system, seat belt pretensioners, discharge warning light

No	Name	Amp	Circuit
5	POWER	40	Power door lock control system, power windows, electric moon roof, power seat, power tilt and telescopic steering system
6	DOME	10	Interior lights, personal lights
7	AHC-IG	20	Active height control suspension (AHC)
8	DIFF	20	Rear differential lock system
9	GAUGE	15	Gauges and meters, service reminder indicators and warning buzzer (except discharge, open door and SRS airbag warning lights), back-up lights, air conditioning system, electronically controlled automatic transmission system, wireless remote control system, daytime running light system
10	WIPER	20	1998-2000: Windshield wipers and washer, rear window wiper and washer
10	WIPER	25	2001-2002: Windshield wipers and washer, rear window wiper and washer
11	I/UP	7.5	Engine idle up system
12	FR FOG	15	Front fog lights
13	STOP	15	Stop lights, high mounted stoplight
14	RR A.C	30	Air conditioning system
15	DEFOG	20	Rear window defogger
16	ECU-B	15	Power tilt and telescopic steering system, daytime running light system, theft deterrent system
17	TAIL	15	Tail lights, license plate lights, parking lights, instrument panel lights
18	AHC-B	15	Active height control suspension (AHC)

Nº	Name	Amp	Circuit
19	OBD	10	On-board diagnosis system
20	RR HTR	10	Air conditioning system
21	ECU-IG	15	Anti-lock brake system, shift lock system, power seats, power antenna, power tilt and telescopic steering system
22	PWR OUTLET	15	Power outlets
Relay			
R1			Circuit opening (Fuel pump (C/OPN))
R2			Fuel pump (FUEL/PMP)
R3			(D/L (L))
R4			(SPIL/VLV)
R5			Starter (ST/CUT)
R6			(D/L (U))
R7			Front fog light (FR FOG)
R8			-
R9			Rear windshield defogger (DEFOG)
R10			Power windows, electric moon roof (POWER)
R11			Rear heater (RR HTR)
R12			Interior lights (DOME)

№	Name	Amp	Circuit
R13			Tail lights (TAIL)

Engine Compartment



Assignment of the fuses and relay in the Engine Compartment (1998-2003)

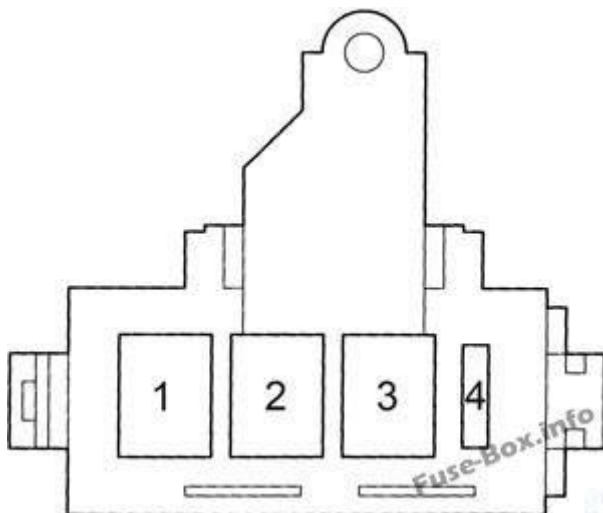
№	Name	Amp	Circuit
1	AM1 NO.2	20	Starting system, turn signal lights, emergency flashers, all components in "CIGAR", "ECU-IG" "MIRR", "SRS" fuses
2	A.C	20	Air conditioning system
3	POWER HTR	10	PTC heater
4	SEAT HTR	15	Seat heaters
5	FUEL HTR	20	Fuel heater
6	MIR HTR	15	Outside rear view mirror heater

No	Name	Amp	Circuit
7	HEAD CLNER	20	Headlight cleaner
8	CDS FAN	20	Electric cooling fan
9	EFI	20	Multiport fuel injection system/sequential multiport fuel injection system, emission control system, fuel pump
9	ECD	20	Multiport fuel injection system/sequential multiport fuel injection system
10	HORN	10	Horns
11	THROTTLE	15	Electronic throttle control system
12	RADIO	20	Car audio system
13	HAZ-TRN	15	Emergency flashers, turn signal lights
14	AM2	30	Starting system, multiport fuel injection system/sequential multiport fuel injection system, all components in "IGN" fuse
15	ECU-B1	20	Power door lock control system, power windows, rear window wiper and washer, illuminated entry system, wireless remote control system, power rear view mirror, gauges and meters, air conditioning system, automatic light control system, theft deterrent system
16	HEAD (LH-UPR)	20	Left-hand headlight (high beam)
17	HEAD (RH-UPR)	20	Right-hand headlight (high beam)
18	HEAD (LH-LWR)	10	Left-hand headlight (low beam), front fog lights
19	HEAD (RH-LWR)	10	Right-hand headlight (low beam)

Nº	Name	Amp	Circuit
20	ABS NO.1	40	1998-1999: Anti-lock brake system
20	ABS NO.1	50	2000-2003: Anti-lock brake system
21	AHC	50	Active height control suspension (AHC)
22	ACC	50	"PRW OUTLET" fuse
23	AM1 NO.1	80	Charging system, all components in "AM1 NO.2", "GAUGE", "WIPER", "
24	HTR	60	Air conditioning system
25	GLOW	80	Engine glow system
26	ABS NO.2	40	Anti-lock brake system
27	STARTER	30	Starting system
Relay			
R1			Air conditioner compressor clutch (MG CLT)
R2			Outside rear view mirror defogger (MIR HTR)
R3			Accessory (ACC)
R4			Active height control suspension (AHC)
R5			Ignition (IG1 NO.1)
R6			Ignition (IG1 NO.2)
R7			Anti-lock brake system (ABS SOL)
R8			Engine control unit (EFI) Engine control unit (ECD)

№	Name	Amp	Circuit
R9			Horn
R10			Dimmer
R11			Starter
R12			Anti-lock brake system (ABS MTR2)
R13			Headlight (HEAD)
R14			Anti-lock brake system (ABS MTR1)

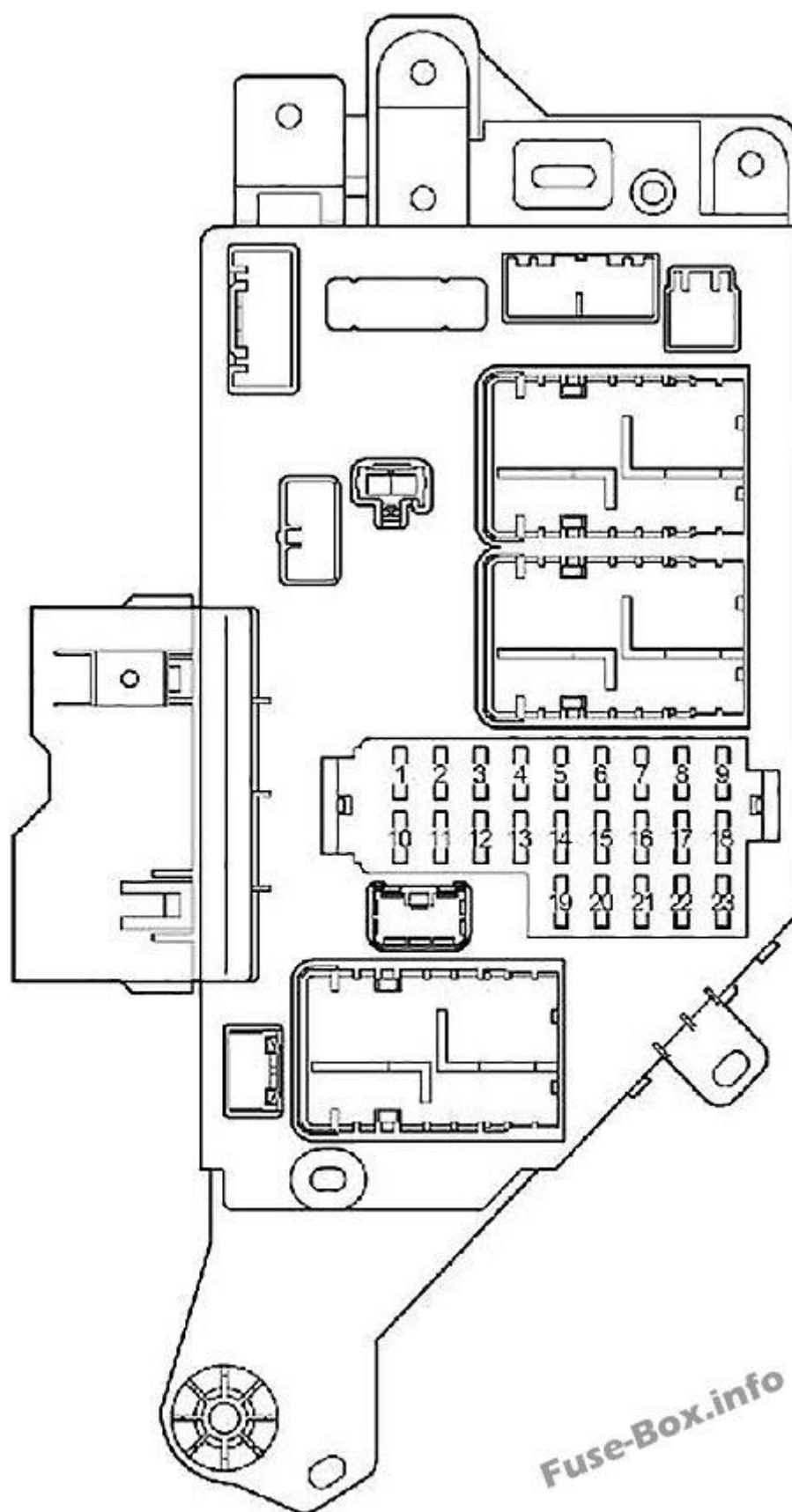
Fusible Link Block

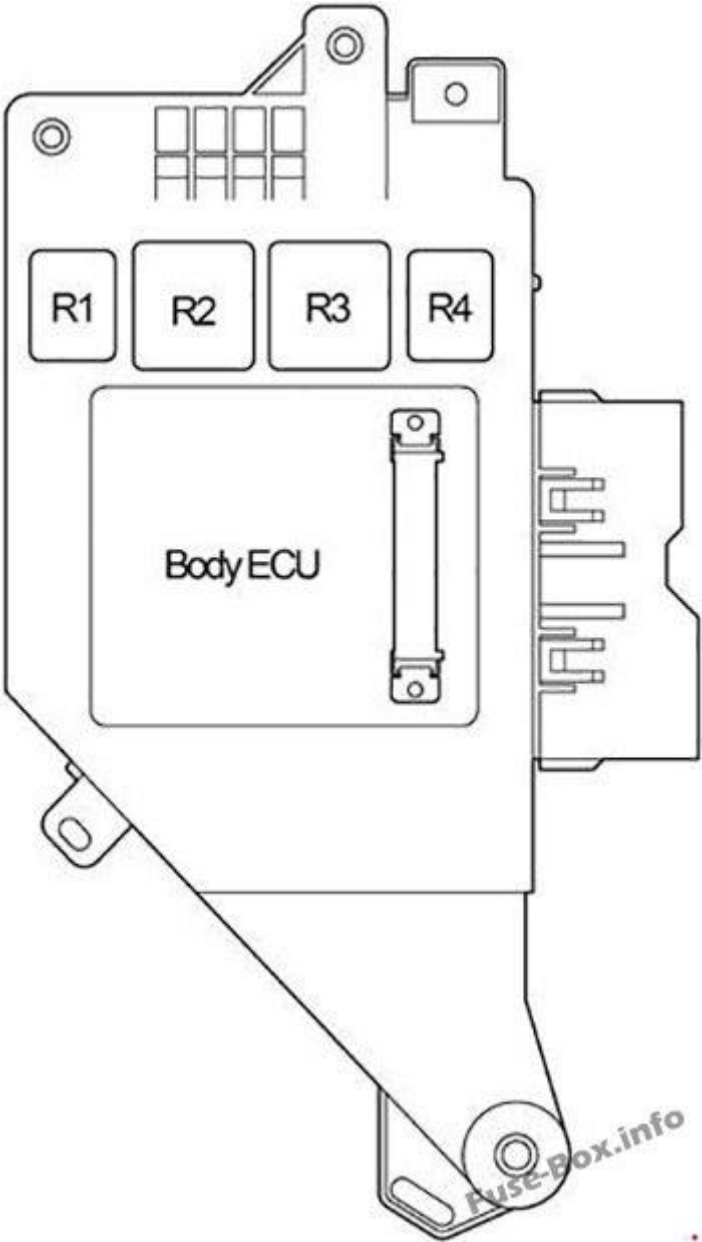


№	Name	Amp	Circuit
1	J/B NO.2	100	All components in "ECU-B", "FR FOG", "DEFOG", "AHC-B", "TAIL", "STOP", "DOME", "POWER", "OBD", "RR A.C" and "RR HTR" fuses
2	ALT	140	All components in "J/B NO.2", "MIR HTR", "AM1 NO.1", "ACC", "CDS FAN", "HTR" and "ABS NO.1" fuses
3	MAIN	100	"ECU-B", "FR FOG", "DEFOG", "AHC-B", "OBD", "TAIL", "STOP", "DOME\TOWER", "RR AC", "RR HTR" fuses
4	ALT-S	7.5	Charging system

2003, 2004, 2005, 2006, 2007

Passenger Compartment Fuse Box (Left)





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Assignment of the fuses and relay in the Left Fuse Box (2003-2007)

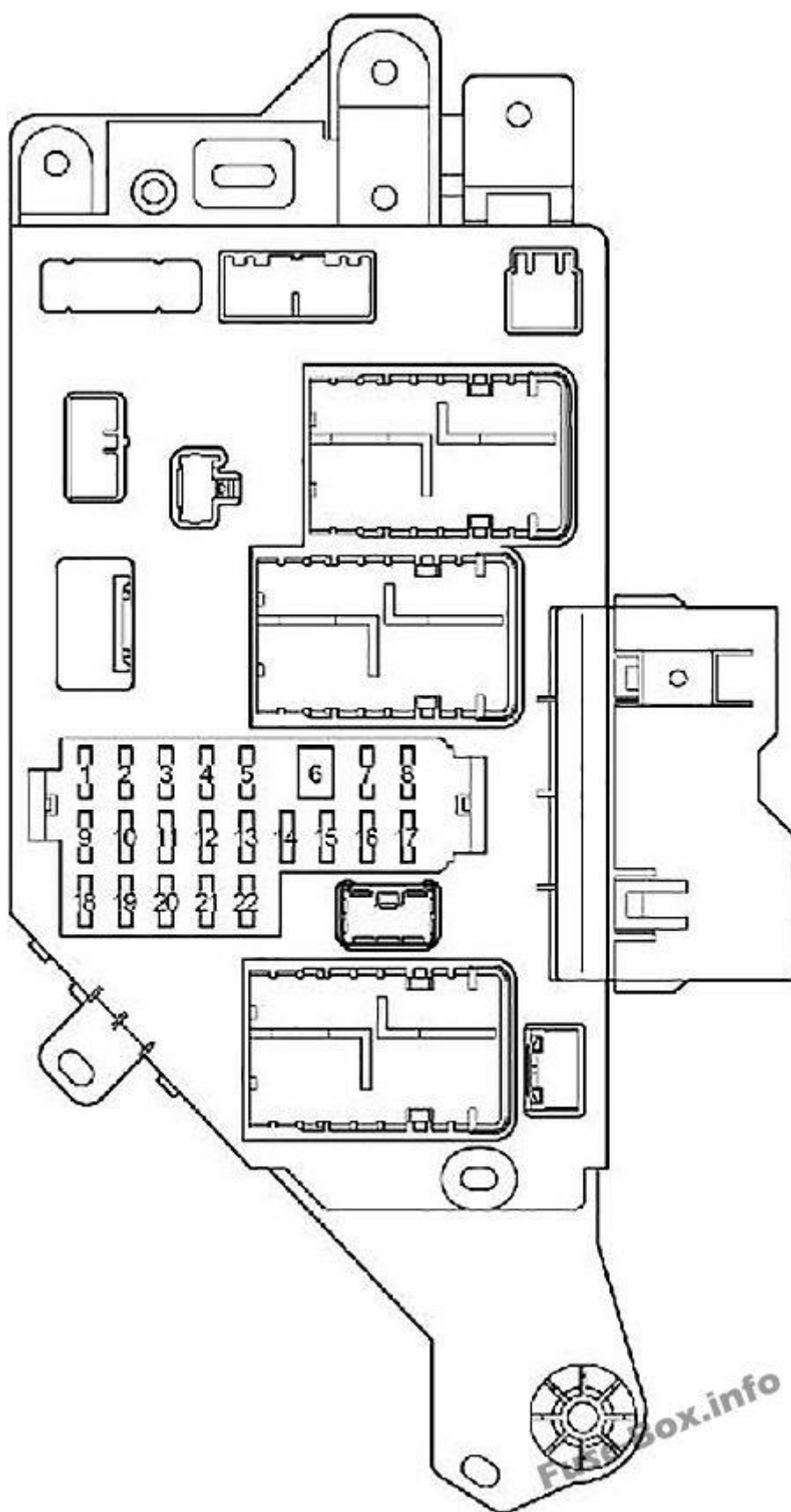
No	Name	Amp	Circuit
1	PWR OUTLET	15	Power outlets
2	CIG	15	Cigarette lighter
3	ACC	7.5	Instrument panel light

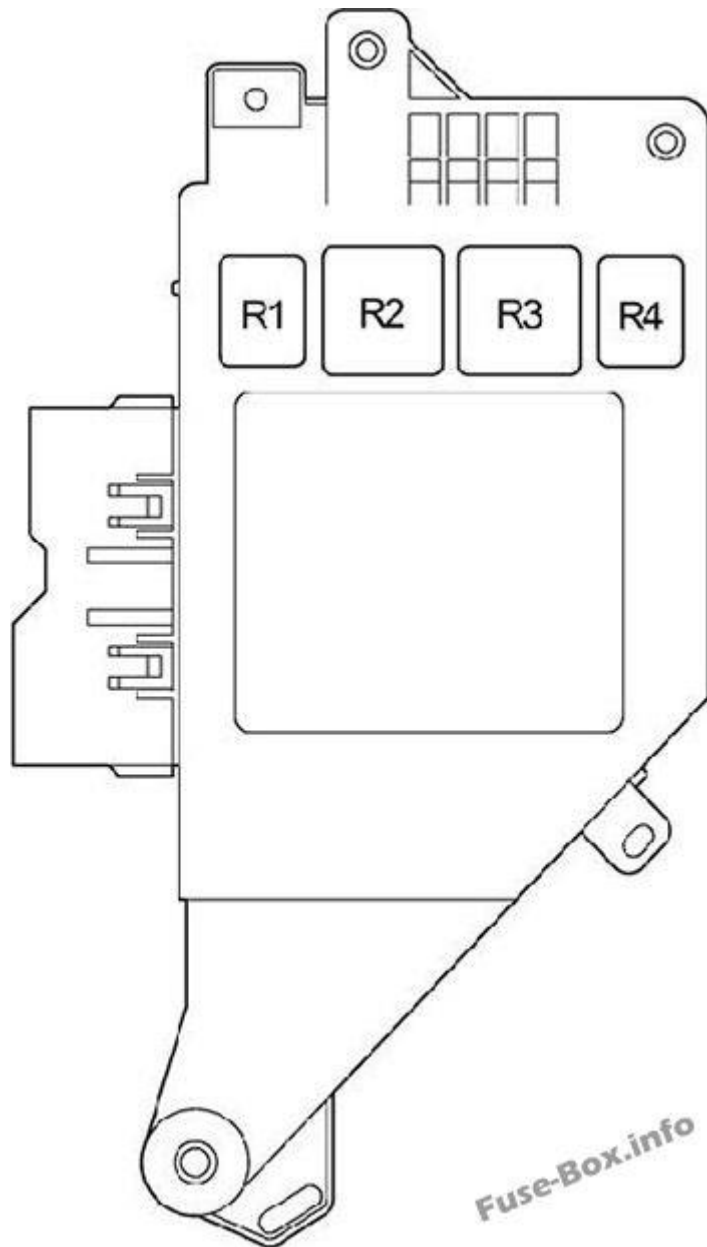
№	Name	Amp	Circuit
4	AM1	7.5	Multiport fuel injection system/Sequential multiport fuel injection system
5	DEFOG	20	Rear window defogger
6	AHC-B	15	Active height control suspension (AHC)
7	FUEL HTR	20	Fuel heater
8	POWER HTR	7.5	Power heater
9	AHC-IG	20	Active height control suspension (AHC)
10	EFI NO.2	10	Emission control system
10	ECD NO.2	10	Emission control system
11	GAUGE1	10	Gauges and meters
12	ECU-IG1	10	Multiport fuel injection system/Sequential multiport fuel injection system
13	ECU-B1	10	Navigation system
14	DBL LOCK	15	Double lock system
15	BATT CHARGE	30	Trailer charging system
16	A/C	15	Air conditioning system
17	STOP	15	Stop lights
18	OBD-2	7.5	On-board diagnosis system
19	IDEL UP	7.5	Idle-up system
20	LH SEAT	30	Power seat system

No	Name	Amp	Circuit
21	DOOR	25	Power door lock system, Power windows
22	SUN ROOF	25	Electronic moon roof
23	RR WIPER	15	Rear wiper system
Relay			
R1			Rear windshield defogger (DEFOG)
R2			Ignition (IG1 NO.2)
R3			Ignition (ACC)
R4			Interior lights (DOME)

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Passenger Compartment Fuse Box (Right)





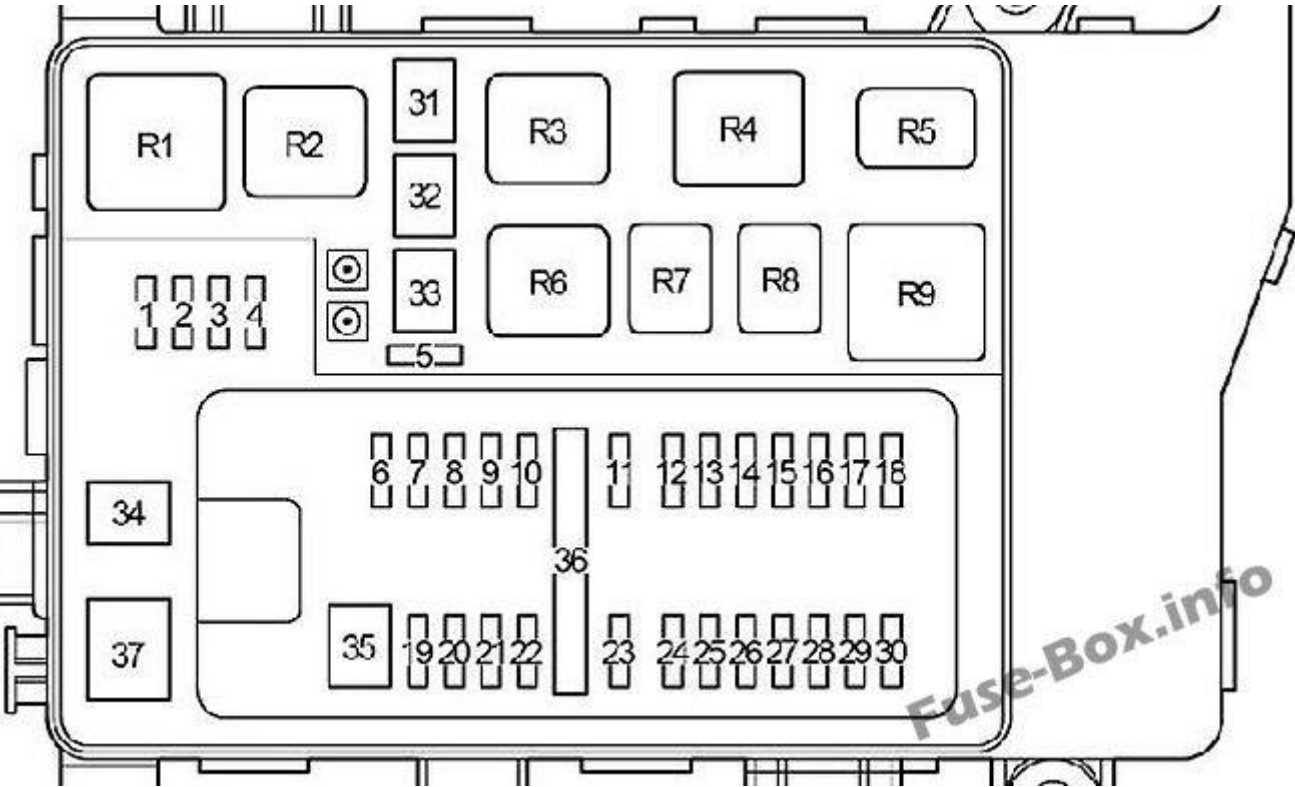
Assignment of the fuses and relay in the Right Fuse Box (2003-2007)

No	Name	Amp	Circuit
1	ECU-B2	10	Power door lock system, Power window
2	DIFF	20	Four-wheel drive system
3	WASHER	15	Windshield washer
4	RADIO	10	Audio system
5	DOME	10	Interior lights

№	Name	Amp	Circuit
6	VGRS	40	Variable gear ratio steering system
7	P/W (FL)	20	Power window
8	P/W (RL)	20	Power window
9	WIPER	25	Windshield wiper
10	ECU-IG2	10	Rear air conditioning system
11	SEAT HTR	15	Seat heater
12	GAUGE2	10	Back-up lights
13	MET	7.5	Gauges and meters
14	ING	7.5	Multiport fuel injection system/Sequential multiport fuel injection system
15	SECURITY	7.5	Theft deterrent system
16	P/W (RR)	20	Power window
17	P/W (FR)	20	Power window
18	BATT CHARGE	30	Trailer charging system
19	-	-	-
20	TIL&TEL	20	Tilt and telescopic steering
21	RR A/C	30	Rear air conditioning system
22	RH SEAT	30	Power seat system

No	Name	Amp	Circuit
Relay			
R1			Stop lights (STOP LP)
R2			-
R3			Ignition (IG1 NO.3)
R4			Accessory (ACC CUT)

Engine Compartment Fuse Box



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Assignment of the fuses and relay in the Engine Compartment (2003-2007)

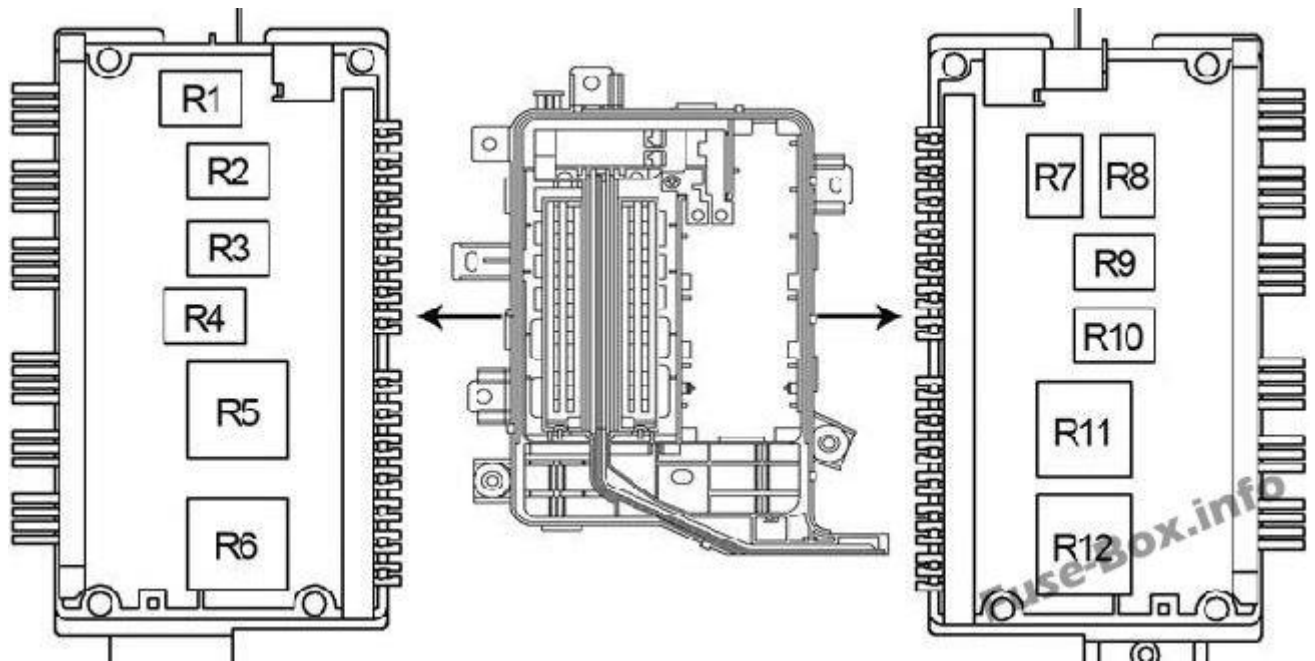
No	Name	Amp	Circuit
1	-	-	-
2	-	-	-

No	Name	Amp	Circuit
3	-	-	-
4	-	-	-
5	ST1	7.5	2003-2005: Mutiport fuel injection system/Sequential multiport fuel injection
5	WIP-S	7.5	2006-2007:-
6	TOWING	30	Trailer lights
7	MIR HTR	15	Outside rear view mirror defogger
8	RR HTR	10	Rear air conditioning system
9	HAZ-TRN	15	Emergency flashers, Turn signal lights
10	ALT-S	7.5	Charging system
11	NV-IR	20	
12	FR FOG	15	Fog lights
13	TOWING BRK	30	Trailer lights
14	HEAD CLNER	20	Headlight cleaner
15	FR-IG	10	Charging system
16	PANEL	7.5	Instrument panel light
17	TOWING TAIL	30	Trailer lights
18	TAIL	15	Parking lights, Tail lights
19	BAT	30	"ECU-B2" fuse
20	TEL	7.5	

No	Name	Amp	Circuit
21	AMP	30	Audio system
22	EFI NO.1	25	Mutiport fuel injection system/Sequential multiport fuel injection
22	ECD NO.1	25	Mutiport fuel injection system/Sequential multiport fuel injection
23	AM2	15	"IGN" fuse
24	ETCS	10	Mutiport fuel injection system/Sequential multiport fuel injection
25	HORN	10	Horns
26	-	-	-
27	HEAD (RH-LWR)	10	Right-hand headlight (low beam)
28	HEAD (LH-LWR)	10	Left-hand headlight (low beam)
29	HEAD (RH-UPR)	20	Right-hand headlight (high beam)
30	HEAD (LH-UPR)	20	Left-hand headlight (high beam)
31	ABS NO.2	40	Anti-lock brake system
32	ABS NO.1	50	Anti-lock brake system
33	AHC	50	Active height control suspension (AHC)
34	STARTER	30	Starting system
35	SHORT PIN A	-	"BAT", "AMP" fuses

No	Name	Amp	Circuit
36	SHORT PIN B	-	"HAZ-TRN", "ALT-S" fuses
37	GLOW	80	Engine glow system
Relay			
R1			Heater (HTR)
R2			Anti-lock brake system (ABS MTR1)
R3			Anti-lock brake system (ABS MTR2)
R4			Anti-lock brake system (ABS SOL)
R5			Engine control unit (EFI) Engine control unit (ECD)
R6			Active height control suspension
R7			Circuit opening (Fuel pump (C/OPN))
R8			Fuel pump (F/PUMP)
R9			Starter

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Assignment of the relay in the Engine Compartment (2003-2007)

Nº	Relay
R1	Cooling system
R2	Air conditioner compressor clutch (MG CLT)
R3	Electric cooling fan (CDS FAN)
R4	Horn
R5	Headlight (HEAD)
R6	High beam (HEAD HI)
R7	Outside rear view mirror defogger (MIR HTR)
R8	Rear heater (RR HTR)
R9	Instrument panel (PANEL)
R10	Front fog light (FR FOG)
R11	Ignition (IG NO.1)

No	Relay
R12	Tail lights (TAIL)

Fusible Link Block

No	Name	Amp	Circuit
1	HTR	50	Air conditioning system
2	J/B NO.1	120	"IG1 NO.1" relay, "TAIL" relay, "MIR HTR", "RR HTR", "TOWING BRK", "TOWING", "FR FOG" fuses
3	J/B NO.2	120	TGI NO.2" relay, "ACC" relay, "DEFOG", "AM1", "LH SEAT", "STOP", "ECU-B1", "SUN ROOF", "OBD-2", "DOOR" fuses
4	J/B NO.3	120	"IG1 NO.3" relay, "SECURITY", "TIL & TEL", "RH SEAT", "RR A/C", "P/W (RR)", "P/W (RL)", "P/W (FR)", "P/W (FL)" fuses
5	MAIN	100	"HEAD HI" Relay, "HEAD" Relay, "ABS NO.1", "ABS NO.2", "SHORT PIN A", "EFI OR ECD NO.1", "SHORT PIN B", "AM2", "STARTER", "HORN", "ECTS" fuses
6	ALT	140	"J/B NO.1", "J/B NO.2", "J/B NO.3", "HTR" fuses