

Toyota Avensis (T25/T250; 2003-2009) fuses and relays

*In this article, we consider the second-generation Toyota Avensis (T25/T250), produced from 2003 to 2009. Here you will find fuse box diagrams of **Toyota Avensis 2003, 2004, 2005, 2006, 2007, 2008 and 2009**, get information about the location of the fuse panels inside the car, and learn about the assignment of each fuse (fuse layout) and relay.*

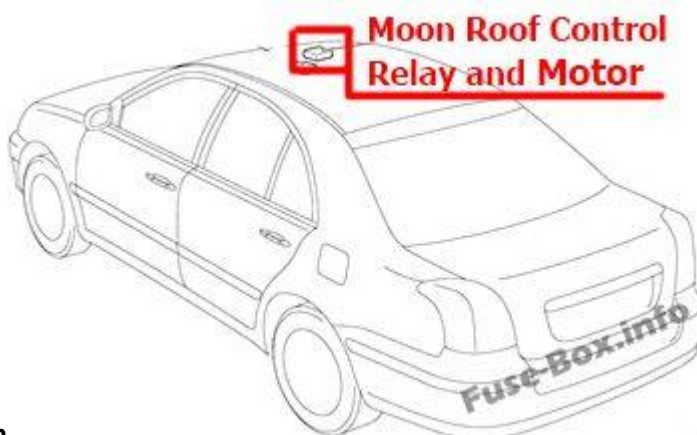
See other Toyota Avensis:

Fuse Layout Toyota Avensis 2003-2009



Cigar lighter (power outlet) fuses in the Toyota Avensis are the fuses #9 "CIG" (Cigarette Lighter) and #16 "P/POINT" (Power Outlet) in the Instrument panel fuse box #1.

Passenger compartment overview



Sedan



Liftback



Wagon

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Passenger Compartment Fuse Boxes

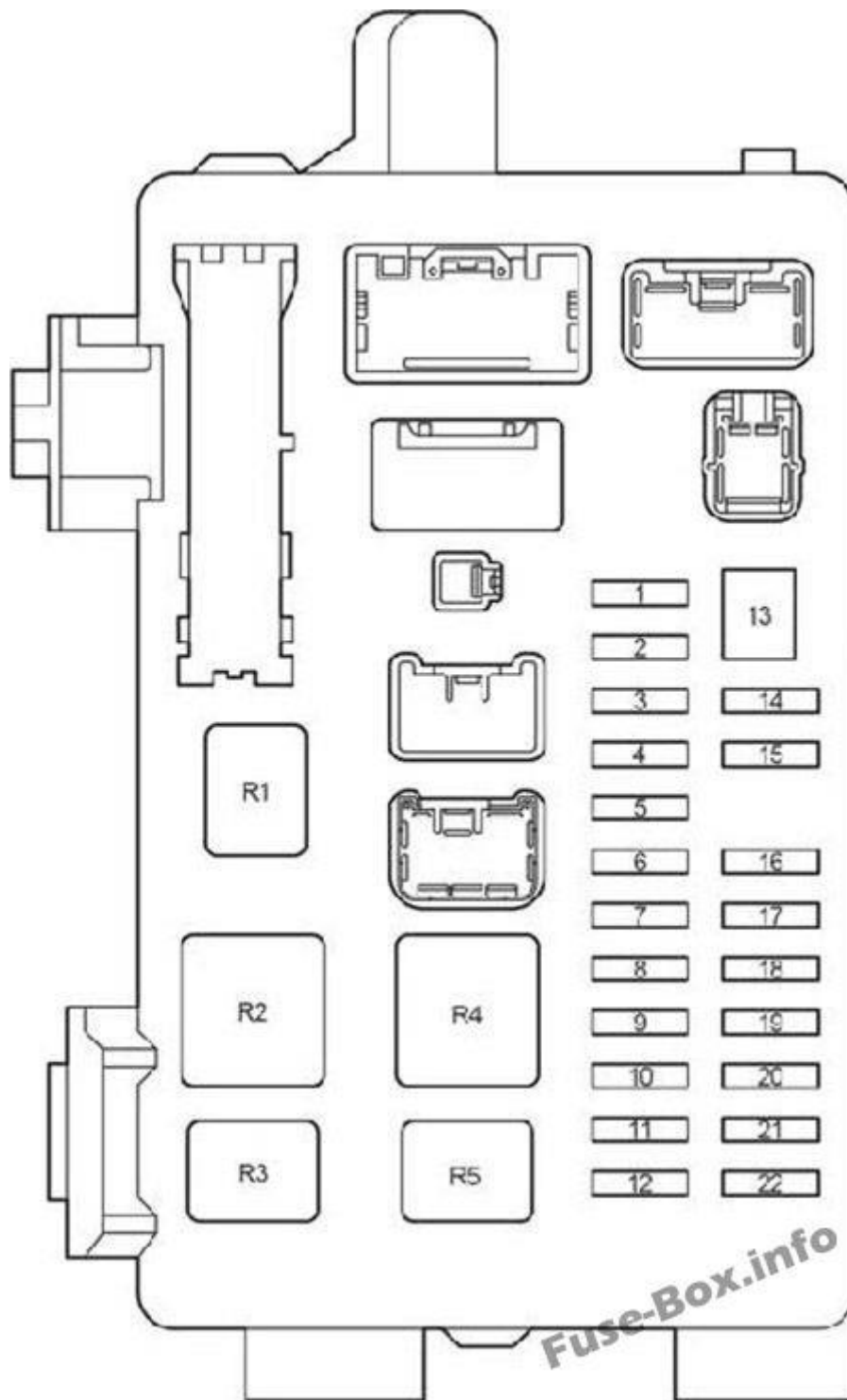
Fuse box location

The fuse box is located on the left side of the instrument panel, behind the cover.

The additional fuse box is located under the instrument panel on the driver's side, under the cover.



Fuse box #1 diagram



Assignment of the fuses in the Passenger Compartment Fuse Box

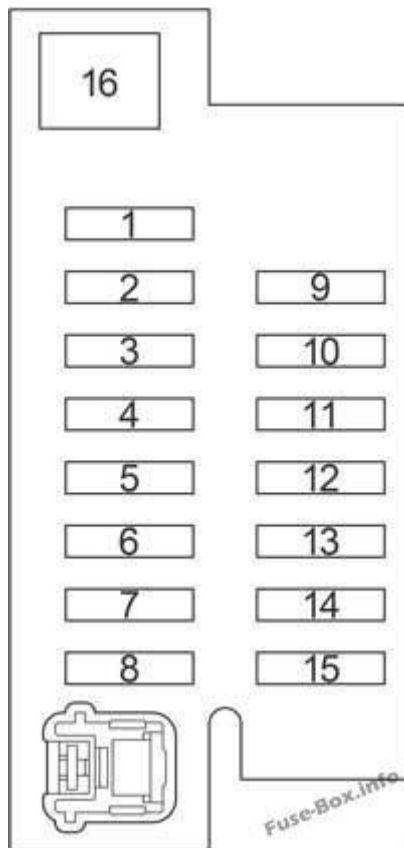
No	Name	Amp	Circuit
1	IGN	10	SRS airbag system, gauge and meters, starting system, multiport fuel injection system/sequential multiport fuel injection system
2	S/ROOF	20	Sliding roof

Nº	Name	Amp	Circuit
3	RR FOG	7.5	Rear fog light
4	FR FOG	15	Front fog light, indicator light
5	AMI	25	Starting system, "CIG", "RAD NO.1" fuses
6	PANEL	7.5	Instrument cluster lights, instrument panel lights, electronic controlled transmission, multi-information display, glove box light, console box light, headlight cleaner, front fog light, TOYOTA parking assist
7	RR WIP	20	Rear wiper and washer
8	GAUGE2	7.5	Back-up light, headlight leveling system, turn signal and hazard warning light
9	CIG	15	Cigarette Lighter
10	HTR	10	Seat heaters, air conditioning system
11	-	-	-
12	RAD NO.1	7.5	Audio system, multi-information display, power rear view mirrors, gauge and meters, power outlet
13	PWR SEAT	30	Power seat
14	TAIL	10	Tail lights, parking lights, license plate lights, trunk light, automatic light control system, front fog light, rear fog light, combination meter
15	OBD2	7.5	On-board diagnosis system
16	P/POINT	15	Power Outlet
17	DOOR	25	Power door lock system
18	WIP	25	Front wiper and washer, headlight cleaner

Nº	Name	Amp	Circuit
19	ECU-IG	7.5	Electric cooling fans, charging system, ABS, vehicle stability control system, electric power steering
20	S-HTR	20	Seat heaters
21	GAUGE1	10	Switch illumination, multi-information display, integration relay, gauge and meters, shift lock control system, electronic controlled transmission, auto anti-glare inside rear view mirror, windshield wipers, parking brake
22	STOP	15	Stop light, shift lock control system, ABS, high mounted stoplight, multiport fuel injection system/sequential multiport fuel injection system
Relay			
R1	-		-
R2	HTR		Heater
R3	SEAT HTR		Seat Heater
R4	IG1		Ignition
R5	TAIL		Taillight

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Fuse box #2 diagram



Assignment of the fuses in the Additional Fuse Box

№	Name	Amp	Circuit
1	-	-	-
2	P-RR P/W	20	Power window
3	P-FR P/W	20	Power window
4	D-RR P/W	20	Power window
5	D-FR P/W	20	Power window
6	ECU-B 1	7.5	Multi-mode manual transmission
7	FUEL OPN	10	Fuel filler door opener

Nº	Name	Amp	Circuit
8	FR DIC	20	Front window deicer, "MIR FITR" fuse
9	-	-	-
10	DEF I/UP	7.5	Air conditioning system
11	ST	7.5	Multiport fuel injection system/sequential multiport fuel injection system, multi-information display, starting system
12	MIR HTR	10	Outside rear view mirror defogger
13	RAD NO.2	15	Audio system, multi-information display
14	DOME	7.5	Interior light, personal lights, foot lights, door courtesy lights, trunk light, vanity lights
15	ECU-B 2	7.5	Air conditioning system, wireless door lock control
16	PWR SEAT	30	Power seat

Relay Box

Nº	Relay
R1	Front window deicer (FR DEICER)
R2	Power Outlet (P/POINT)
R3	Front Fog Light (FR FOG)
R4	Starter (ST)

Engine compartment overview

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Fuse Box in the Engine Compartment

Fuse box location



Fuse box diagram

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Assignment of the fuses and relay in the Engine Compartment Fuse Box

No	Name	Amp	Circuit
1	-	-	-
2	VSC	25	1CD-FTV: ABS, VSC
2	ABS	25	1CD-FTV: ABS
3	-	-	-
4	-	-	-

No	Name	Amp	Circuit
5	-	-	-
6	ALT-S	7.5	Charging system
7	DCC	30	"ECU-B NO.2", "DOME", "RAD NO.2" fuses
8	AM2	30	Starting system, "ST", "IGN" fuses
9	HAZARD	10	Turn signal and hazard warning light
10	F-HTR	25	1CD-FTV: Fuel heater
11	HORN	15	Horn
12	EFI	20	Multiport fuel injection system/sequential multiport fuel injection system, "EFI NO.1", "EFI NO.2" fuses
13	PWR HTR	25	1CD-FTV: Power heater
14	RR DEF	30	Rear windshield defogger
15	MAIN	40	Headlight cleaner, headlight, "H-LP HI LH", "H-LP HI RH", "H-LP LH", "H-LP RH" fuses
16	AM1 NO.1	50	1CD-FTV: "ACC", "CIG", "RAD NO.1", "ECU-B NO.1", "FL P/W", "FR P/W", "RL P/W", "RR P/W"
17	H/CLN	30	Headlight Cleaner
18	HTR	40	Air conditioner, heater
19	CDS	30	Electric cooling fan
20	RDI	40	1CD-FTV, 1ZZ-FE, 3ZZ-FE: Electric cooling fan
20	RDI	30	1AZ-FE, 1AZ-FSE: Electric cooling fan
21	VSC	50	1CD-FTV: ABS, VSC

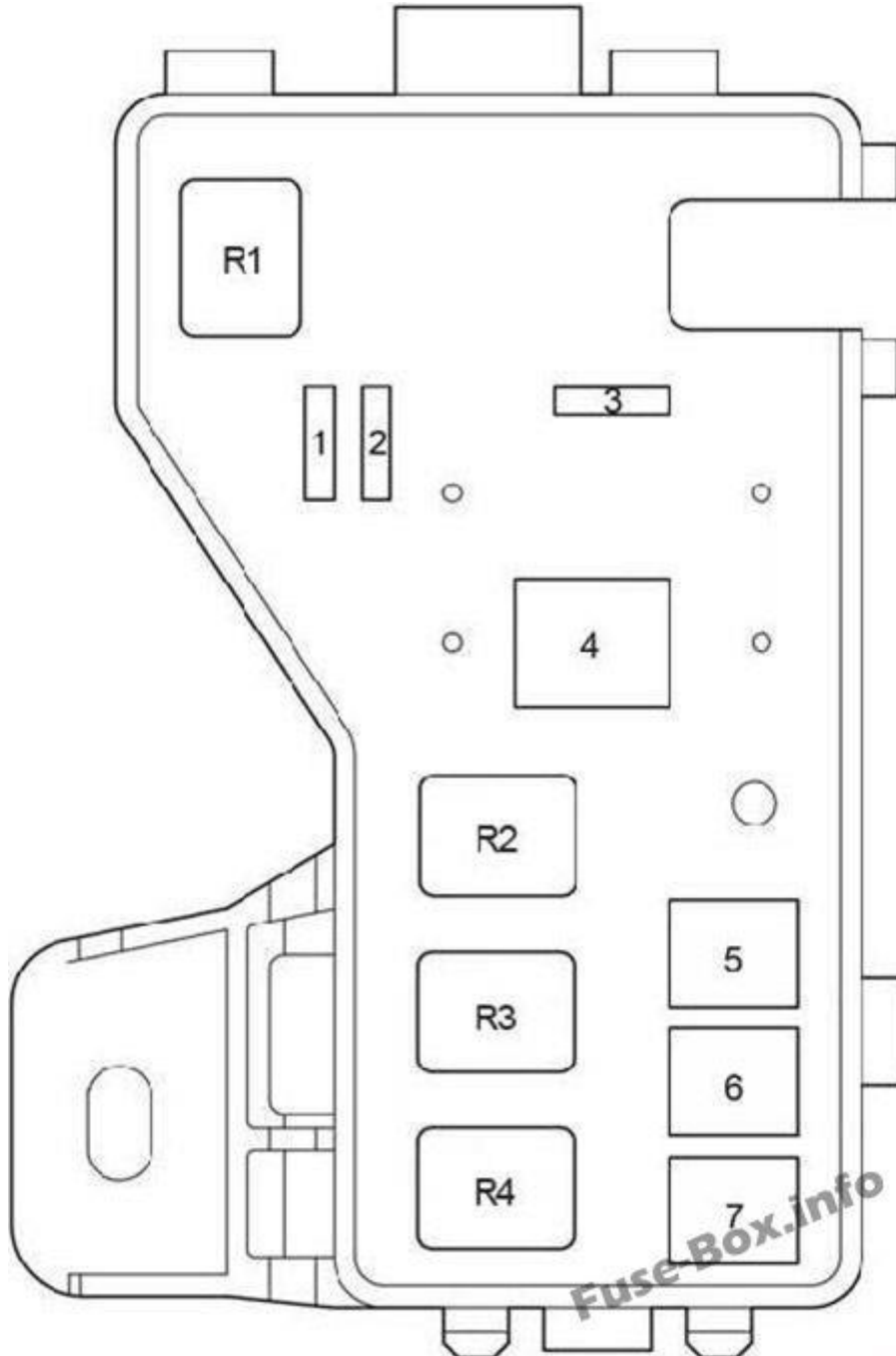
№	Name	Amp	Circuit
21	ABS	40	1CD-FTV: ABS
22	IG2	15	1AZ-FSE, 1AZ-FE, 1ZZ-FE, 3ZZ-FE: Starting system, multiport fuel injection system/sequential multiport fuel injection system
23	THROTTLE	10	1AZ-FSE, 1AZ-FE, 1ZZ-FE, 3ZZ-FE: Electronic throttle control system
23	ETCS	10	1AZ-FSE, 1AZ-FE, 1ZZ-FE, 3ZZ-FE: Electronic throttle control system
24	A/F	20	1AZ-FSE, 1AZ-FE: Air fuel ratio sensor
25	-	-	1AZ-FSE, 1AZ-FE, 1ZZ-FE, 3ZZ-FE: -
26	-	-	1AZ-FSE, 1AZ-FE, 1ZZ-FE, 3ZZ-FE: -
27	EM PS	50	1ZZ-FE, 3ZZ-FE: Electric power steering
Relay			
R1	EFI MAIN		1CD-FTV: Engine control unit
R2	EDU		1CD-FTV: Engine control unit
R3	FAN NO.3		1CD-FTV: Electric cooling fan
R4	FAN NO.1		Electric cooling fan
R5	FAN NO.2		1AZ-FSE, 1AZ-FE, 1ZZ-FE, 3ZZ-FE: Electric cooling fan
R6	-		1AZ-FSE/ 1AZ-FE, 1ZZ-FE, 3ZZ-FE: -
R7	FAN NO.3		1AZ-FSE, 1AZ-FE, 1ZZ-FE, 3ZZ-FE: Electric cooling fan
R8	-		1AZ-FSE/ 1AZ-FE, 1ZZ-FE, 3ZZ-FE: -

No	Name	Amp	Circuit
R9	EM PS		1ZZ-FE, 3ZZ-FE: Electric power steering

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Additional Fuse Box

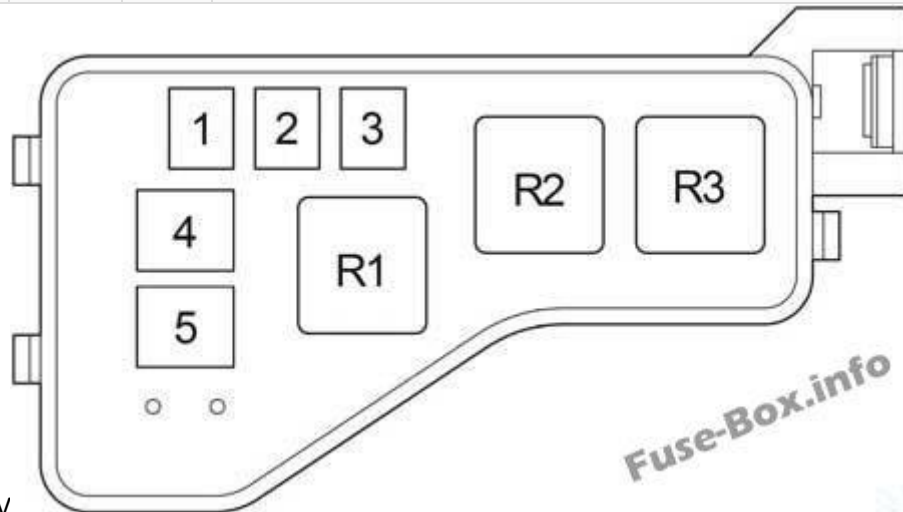
(1AZ-FSE, 1AZ-FE, 1ZZ-FE, 3ZZ-FE)



Engine Compartment Additional Fuse Box (1AZ-FSE, 1AZ-FE, 1ZZ-FE, 3ZZ-FE)

No	Name	Amp	Circuit
1	EFI NO.1	10	Multiport fuel injection system/sequential multiport fuel injection system
2	EFI NO.2	7.5	Emission control system
3	VSC	25	ABS, VSC
3	ABS	25	ABS
4	ALT	100	1ZZ-FE, 3ZZ-FE: "AM1 NO.1", "H-LP CLN", "ABS" (25A), "VSC" (25A), "ABS" (40A), "VSC" (50 A), "CDS", "RDI", "HTR", "RR DEF", "RR FOG", "FR FOG", "AM1", "DOOR", "STOP", "OBD2", "S/ROOF", "PWR SEAT", "P/POINT", "TAIL", "PANEL", "RR WIP", "ECU-IG", "WIP", "GAUGE2", "GAUGE1", "HTR", "S-HTR" fuses
4	ALT	120	1AZ-FSE, 1AZ-FE: "AM1 NO.1", "H-LP CLN", "ABS" (25A), "VSC" (25A), "ABS" (40A), "VSC" (50 A), "CDS", "RDI", "HTR", "RR DEF", "RR FOG", "FR FOG", "AM1", "DOOR", "STOP", "OBD2", "S/ROOF", "PWR SEAT", "P/POINT", "TAIL", "PANEL", "RR WIP", "ECU-IG", "WIP", "GAUGE2", "GAUGE1", "HTR", "S-HTR" fuses
5	VSC	50	ABS, VSC
5	ABS	40	ABS
6	AM1 NO.1	50	"PWR SEAT", "FR DIC", "FUEL OPN", "ECU-B 1", "P-RR P/W", "P-FR P/W", "D-RR P/W", "D-FR P/W" fuses
7	H-LP CLN	30	Headlight cleaner
Relay			
R1	INJ		Injector
R2	EFI		Engine control unit

№	Name	Amp	Circuit
R3	IG2		Ignition
R4	A/F		Air fuel ratio sensor



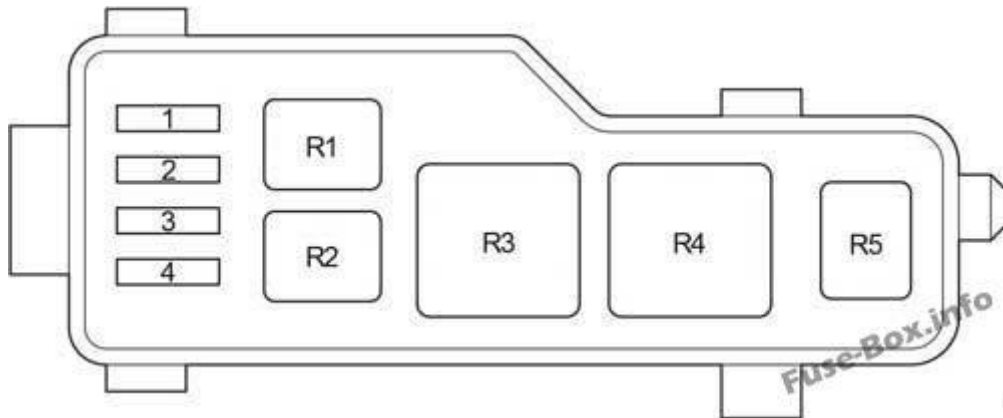
1CD-FTV

Engine Compartment Additional Fuse Box (1CD-FTV)

№	Name	Amp	Circuit
1	-	-	-
2	HTR2	50	Power heater
3	HTR1	50	Power heater
4	GLOW	80	Glow plug
5	ALT	140	IG1 Relay, TAIL Relay, SEAT HTR Relay, "H-LP CLN", "AM1 NO.1", "RDI", "CDS", "VSC" (50A), "VSC" (25A), "ABS" (40A), "ABS" (25A), "H/CLN", "RR DEF", "GLOW", "HTR NO.1", "HTR NO.2", "RFG HTR", "AM1 NO.2", "RR FOG", "S/ROOF", "STOP", "P/POINT", "FR FOG", "OBD2", "DOOR" fuses
Relay			
R1	-		-

№	Name	Amp	Circuit
R2	HTR2		Power heater
R3	HTR1		Power heater

Relay Box



Engine Compartment Relay Box

№	Name	Amp	Circuit
1	H-LP HI LH	10	Left-hand headlight (high beam)
2	H-LP HI RH	10	Right-hand headlight (high beam), gauge and meters
3	H-LP LH	15	Left-hand headlight (low beam)
4	H-LP RH	15	Right-hand headlight (low beam)
Relay			
R1	HORN		Horn
R2	F-HTR		Fuel Heater
R3	H-LP		Headlight
R4	DIM		Dimmer

№	Name	Amp	Circuit
R5	FAN NO.2		Electric cooling fan