

Lexus ES300 / ES330 (XV30; 2001-2006) fuses and relays

*In this article, we consider the fourth-generation Lexus ES (XV30), produced from 2001 to 2006. Here you will find fuse box diagrams of **Lexus ES 300, ES 330 2001, 2002, 2003, 2004, 2005 and 2006**, get information about the location of the fuse panels inside the car, and learn about the assignment of each fuse (fuse layout).*

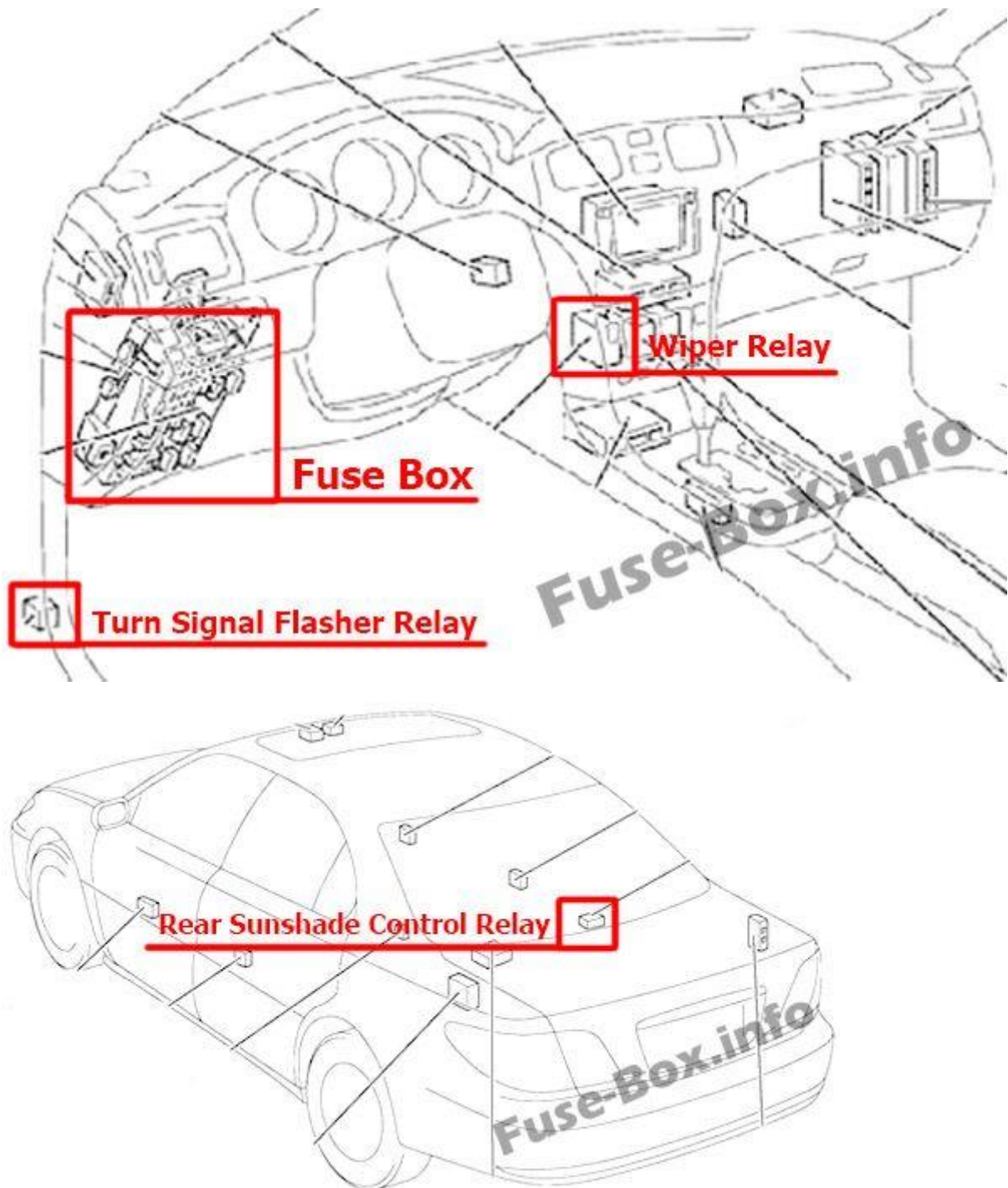
See other Lexus ES:

Fuse Layout Lexus ES300, ES330 2001-2006



Cigar lighter (power outlet) fuses in the Lexus ES300 / ES330 are the fuses #3 "SIG" (Cigarette Lighter) and #6 "POWER POINT" (Power Outlet) in the Instrument panel fuse box.

Passenger compartment overview

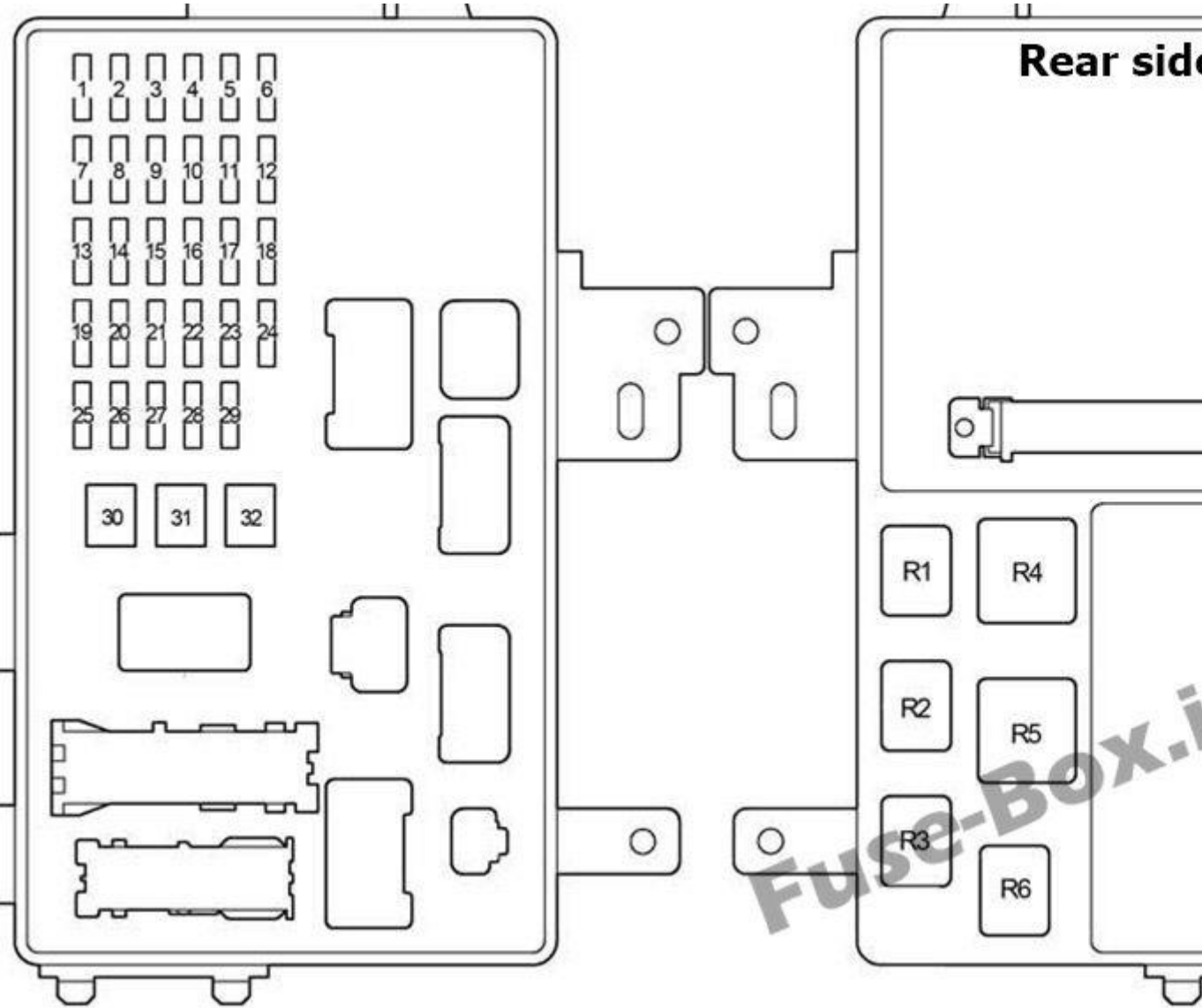


Passenger Compartment Fuse Box

It is located in the instrument panel (on the driver's side), behind the cover to the left of the steering wheel.



Fuse box diagram



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Assignment of the fuses and relay in the Passenger Compartment

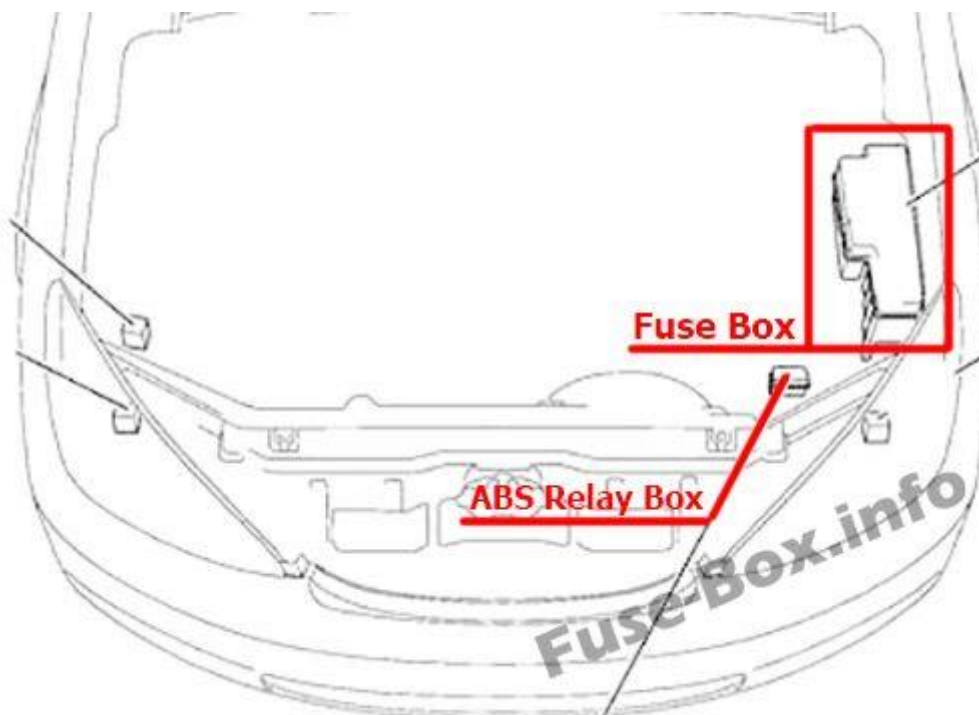
Nº	A	Name	Circuit(s) protected
1	10	ECU-B	Multiplex communication system (power door lock system, security system, auto-door locking system, automatic light control system, headlight delay off system, tail light auto cut system, illuminated entry system, daytime running light system, wireless remote control system) air conditioning system, electronic modulated suspension, driving position memory system, front passenger seat position memory system
2	7.5	DOME	Ignition switch light, interior light, personal lights, foot lights, door courtesy lights, trunk light, vanity lights, garage door

No	A	Name	Circuit(s) protected
			opener, clock, outside temperature gauge, multi-information display
3	15	CIG	Cigarette Lighter
4	5	ECU-ACC	Power rear view mirrors, clock, multi-information display, driving position memory system, front passenger seat position memory system
5	10	RAD NO.2	Audio system, navigation system
6	15	POWER POINT	Power Outlet
7	20	RAD NO.1	Audio system, navigation system
8	10	GAUGE1	Gauges and meters, clock, outside temperature gauge, multi-information display, shift lock system
9	10	ECU-IG	SRS airbag system, power windows, anti-lock brake system, electronic modulated suspension, driving position memory system, front passenger seat position memory system
10	25	WIPER	Windshield wipers
11	10	HTR	Air conditioning system
12	10	MIR HTR	Outside rear view mirror defogger
13	5	AM1	Starting system
14	15	FOG	Front fog lights
15	15	SUN-SHADE	Rear sunshade
16	10	GAUGE2	Auto anti-glare inside rear view mirror, compass, back-up lights, automatic light control system, automatic headlight

No	A	Name	Circuit(s) protected
			leveling system, cruise control system, seat belt reminder lights
17	10	PANEL	Glove box light, console box light, clock, outside temperature gauge, multi-information display, instrument cluster lights, instrument panel lights
18	10	TAIL	Tail lights, parking lights, license plate lights
19	20	PWR NO.4	Rear passenger's power window (left side)
20	20	PWR NO.2	Front passenger's door lock system, front passenger's power window
21	7.5	OBD	On-board diagnosis system
22	20	SEAT HTR	Seat ventilators/heaters
23	15	WASHER	Windshield washer
24	10	FAN RLY	Electric cooling fans
25	15	STOP	Stop lights, high mounted stoplight
26	5	FUEL OPEN	Fuel filler door opener
27	25	DOOR NO.2	Multiplex communication system (power door lock system, auto-door locking system, wireless remote control system)
28	25	AMP	Audio system
29	20	PWR NO.3	Rear passenger's power window (right side)
30	30	PWR SEAT	Power seats, driving position memory system, front passenger seat position memory system

No	A	Name	Circuit(s) protected
31	30	PWR NO.1	Driver's door lock system, driver's power window, electric moonroof
32	40	DEF	Rear window defogger
Relay			
R1			Fog Lights
R2			Tail Lights
R3			Accessory Relay
R4			Rear Window Defogger
R5			Ignition (IG1)
R6			Not Used

Engine Compartment Overview



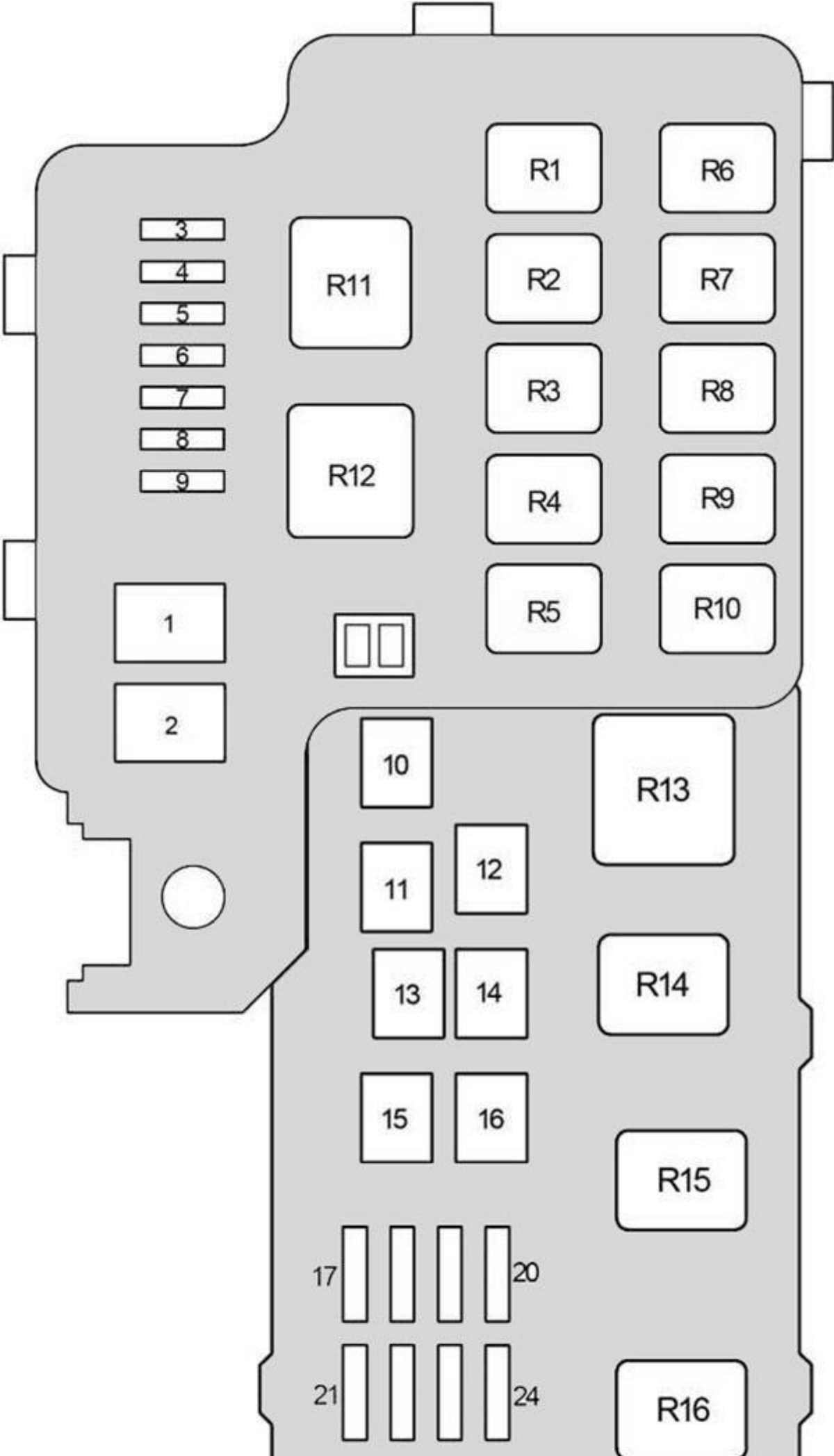
Engine Compartment Fuse Box

It is located in the engine compartment (left-side).



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Fuse box diagram



Assignment of the fuses and relay in the Engine Compartment

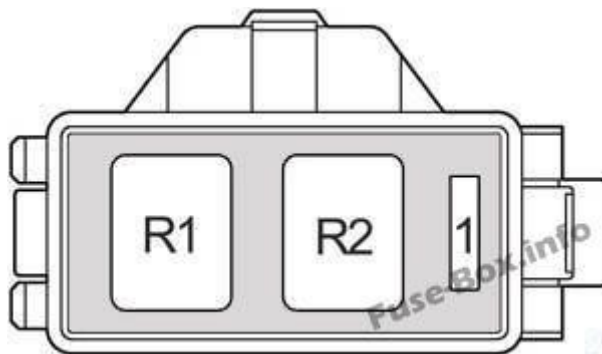
№	A	Name	Circuit(s) protected
1	120	ALT	All components in "DEF", "PWR NO.1" "PWR NO.2", "PWR NO.3", "PWR NO.4", "STOP", "DOOR NO.2", "OBD", "PWR SEAT", "FUEL OPEN", "FOG", "AMP", "PANEL", "TAIL", "AM1", "CIG", "POWER POINT", "RAD NO.2", "ECU-ACC", "GAUGE 1", "GAUGE2", "ECU-IG", "WIPER", "WASHER", "HTR (10 A)", "SEAT HTR" and "SUN-SHADE" fuses
2	60	ABS NO.1	2002-2003: All components in "RDI FAN", "ABS No.2", "ABS No.3", "CDS", "HTR (50 A)" and "ADJ PDL" fuses and anti-lock brake system, vehicle stability control system, traction control system, brake assist system
2	50	ABS NO.1	2003-2006: All components in "RDI FAN", "ABS No.2", "ABS No.3", "CDS", "HTR (50 A)" and "ADJ PDL" fuses and anti-lock brake system, vehicle stability control system, traction control system, brake assist system
3	15	HEAD LH LVVR	Left-hand headlight (low beam) and front fog lights
4	15	HEAD RH LWR	Right-hand headlight (low beam)
5	5	DRL	Daytime running light system
6	10	A/C	Air conditioning system
7	-	-	Not used
8	-	-	Not used
9	-	-	Not used
10	40	MAIN	All components in "HEAD LH LWR", "HEAD RH LWR", "HEAD LH UPR", "HEAD RH UPR" and "DRL" fuses

№	A	Name	Circuit(s) protected
11	40	ABS No.2	Anti-lock brake system, vehicle stability control system, traction control system, brake assist system
12	30	RDI	Electric cooling fan
13	30	CDS	Electric cooling fan
14	50	HTR	Air conditioning system
15	30	ADJ PDL	Power adjustable pedals
16	40	ABS No.3	2002-2003: Anti-lock brake system, vehicle stability control system, traction control system, brake assist system
16	30	ABS No.3	2003-2006: Anti-lock brake system, vehicle stability control system, traction control system, brake assist system
17	30	AM 2	All components in "IGN" and "IG2" fuses and starting system
18	10	HEAD LH UPR	Left-hand headlight (high beam)
19	10	HEAD RH UPR	Right-hand headlight (high beam)
20	5	ST	Starting system
21	5	TEL	No circuit
22	5	ALT-S	Charging system
23	15	IGN	Starting system
24	10	IG2	Multiport fuel injection system/sequential multiport fuel injection system, SRS airbag system, seat belt pretensioners, cruise control system
25	25	DOOR1	Multiplex communication system (power door lock system, auto-door locking system, wireless remote control system)

No	A	Name	Circuit(s) protected
26	20	EFI	Multiport fuel injection system/sequential multiport fuel injection system
27	10	HORN	Horns
28	30	D.C.C	All components in "ECU-B", "RAD NO.1"and "DOME" fuses
29	25	A/F	Multiport fuel injection system/sequential multiport fuel injection system
30	-	-	Not used
31	10	ETCS	Multiport fuel injection system/sequential multiport fuel injection system
32	15	HAZ	Emergency flashers
Relay			
R1			Not used
R2			Not used
R3			Daytime running light system (No.2)
R4			Daytime running light system (No.3)
R5			Electric cooling fan (No.2)
R6			Daytime running light system (No.4)
R7			Not used
R8			Electric cooling fan (No.3)
R9			Magnetic clutch (A/C)

No	A	Name	Circuit(s) protected
R10			Engine Control (Air Fuel Ratio Sensor)
R11			Air conditioning system (Heater)
R12			Starter
R13			Headlight
R14			Electric cooling fan (NO.1)
R15			Circuit Opening Relay (C/OPN)
R16			Horns
R17			Engine Control Module (EFI)

ABS Relay Box



No	A	Name	Circuit(s) protected
1	7.5	ABS NO.4	Anti-lock brake system, vehicle stability control system, traction control system, brake assist system
Relay			
R1			ABS MTR
R2			ABS CUT