

Fuses and Relay Lexus ES300 2001-2003

Fuse box in engine compartment.

fuse box location.



fuse box diagram (block).



RELAY	FUSE			
A EFI	1 A/F	25 A	13 HAZ	15 A
B HORN	2 DOOR 1	25 A	14 D.C.C	30 A
C C/OPN	3 TEL	5 A	15 IG 2	10 A
D FAN No. 1	4 AM 2	30 A	16 ST	5 A
E HEAD	5 -		17 ADJ PDL	30 A
	6 EFI	20 A	18 CDS	30 A
	7 ALT-S	5 A	19 ABS No. 2	40 A
	8 HEAD LH UPR	10 A	20 MAIN	40 A
	9 ETCS	10 A	21 ABS No. 3	40 A
	10 HORN	10 A	22 HTR	50 A
	11 IGN	15 A	23 RDI	30 A
	12 HEAD RH UPR	10 A		

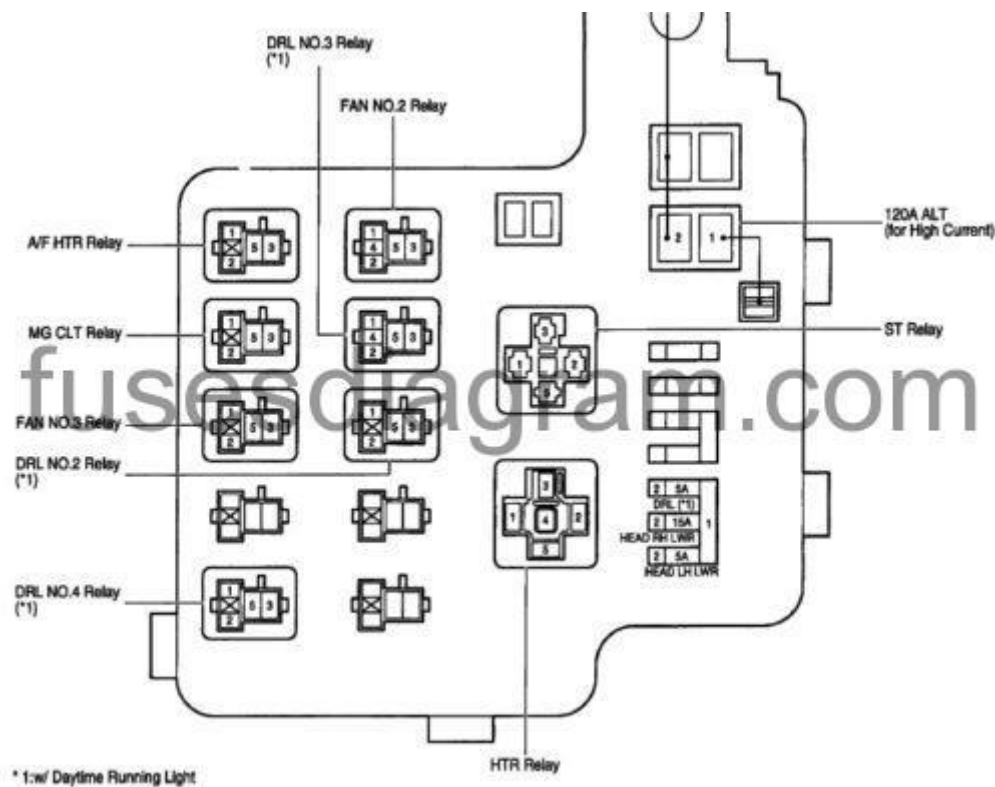
Assignment of the fuses.

Fuse		System
5A	ALT-S	Charging
5A	ST	Combination Meter
5A	TEL	Cellular Mobile Telephone
10A	ETCS	Cruise Control Engine Control
10A	HEAD LH UPR	Headlight (w/ Daytime Running Light) Headlight (w/o Daytime Running Light) Multiplex Communication System
10A	HEAD RH UPR	Headlight (w/ Daytime Running Light) Headlight (w/o Daytime Running Light) Multiplex Communication System
10A	HORN	Horn Multiplex Communication System Theft Deterrent and Door Lock Control

Fuse		System
10A	IG2	Charging Combination Meter Cruise Control Electronically Controlled Transmission and A/T Indicator Engine Control Engine Immobiliser System Headlight Beam Level Control Seat Belt Warning SRS VSC
15A	HAZ	Turn Signal and Hazard Warning Light
15A	IGN	Engine Control Starting and Ignition
20A	EFI	Cruise Control Electronically Controlled Transmission and A/T Indicator Engine Control Engine Immobiliser System
25A	A/F	Engine Control
25A	DOOR1	Luggage Compartment Door Opener Multiplex Communication System Power Window Theft Deterrent and Door Lock Control Wireless Door Lock
30A	ADJ PDL	Power Adjust Pedal
30A	AM2	Charging Engine Control Starting and Ignition
30A	CDS	Radiator Fan and Condenser Fan
30A	RDI	Radiator Fan and Condenser Fan
40A	ABS NO.2	ABS

Fuse		System
		VSC
40A	ABS NO.3	ABS VSC
40A	MAIN	Automatic Light Control Headlight Beam Level Control Headlight (w/ Daytime Running Light) Headlight (w/o Daytime Running Light) Light Auto Turn Off Multiplex Communication System Theft Deterrent and Door Lock Control
50A	HTR	Air Conditioning

Relay block diagram.



legend.

Fuse		System
5A	DRL	Headlight (w/ Daytime Running Light) Multiplex Communication System

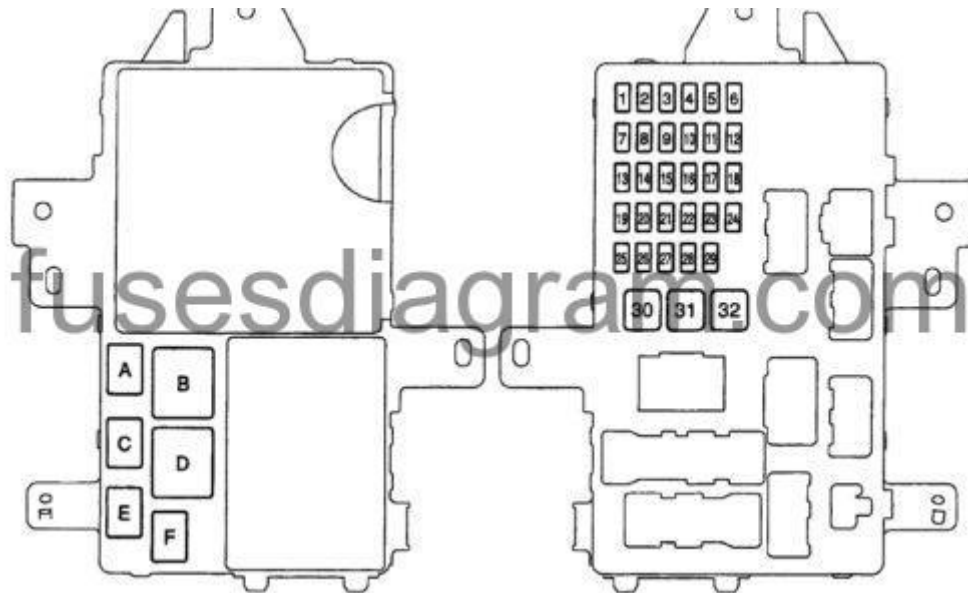
Fuse		System
15A	HEAD LH LWR	Combination Meter Fog Light Headlight (w/ Daytime Running Light) Headlight (w/o Daytime Running Light) Multiplex Communication System
15A	HEAD RH LWR	Headlight (w/ Daytime Running Light) Headlight (w/o Daytime Running Light) Multiplex Communication System
120A	ALT	Automatic Light Control Charging Electronically Controlled Transmission and A/T Indicator Engine Control Illumination Light Auto Turn Off Multiplex Communication System Starting and Ignition Taillight and Stop Light Theft Deterrent and Door Lock Control

Fuse box in passenger compartment.

fuse box location.



fuse box diagram.



RELAY	FUSE					
A FOG	1 ECU-B	10 A	12 MIR HTR	10 A	23 WASHER	15 A
B RR DEF	2 DOME	7.5 A	13 AM 1	5 A	24 FAN RLY	10 A
C TAIL	3 CIG	15 A	14 FOG	15 A	25 STOP	15 A
D IG 1	4 ECU-ACC	5 A	15 SUN-SHADE	15 A	26 FUEL OPN	5 A
E ACC	5 RAD No. 2	10 A	16 GAUGE 2	10 A	27 DOOR No. 2	25 A
F -	6 POWER POINT	15 A	17 PANEL	10 A	28 AMP	25 A
	7 RAD No. 1	20 A	18 TAIL	10 A	29 PWR No. 3	20 A
	8 GAUGE 1	10 A	19 PWR No. 4	20 A	30 PWR SEAT	30 A
	9 ECU-IG	10 A	20 PWR No. 2	20 A	31 PWR No. 1	30 A
	10 WIPER	25 A	21 OBD	7.5 A	32 DEF	40 A
	11 HTR	10 A	22 SEAT HTR	20 A		

legend.

Fuse		System
5A	AM1	Electronically Controlled Transmission and AU Indicator Engine Control Starting and Ignition
5A	ECU-ACC	Automatic Light Control Cellular Mobile Telephone Clock Interior Light Key Reminder Light Auto Turn Off Multiplex Communication System Remote Control Mirror (w/ Driving Position Memory) Remote Control Mirror (w/o Driving Position Memory) Theft Deterrent and Door Lock Control
5A	FUEL OPEN	Fuel Lid Opener

Fuse		System
7.5A	DOME	Clock Garage Door Opener Interior Light Luggage Compartment Door Opener Moon Roof Multiplex Communication System Power Window Theft Deterrent and Door Lock Control Wireless Door Lock
7.5A	OBD	Engine Control
10A	ECU-B	Air Conditioning Automatic Light Control Combination Meter Headlight (w/ Daytime Running Light) Headlight (w/o Daytime Running Light)
10A	ECU-B	Illumination Interior Light Key Reminder LEXUS Navigation System, Radio and Player (Except MARK LEVINSON w/ LEXUS Navigation System) LEXUS Navigation System, Radio and Player (MARK LEVINSON w/ LEXUS Navigation System) Light Auto Turn Off Luggage Compartment Door Opener Moon Roof Multiplex Communication System Power Seat (Driver's Seat w/ Driving Position Memory) Power Window Remote Control Mirror (w/ Driving Position Memory) Theft Deterrent and Door Lock Control VSC Wireless Door Lock
10A	ECU-IG	ABS Automatic Light Control Cellular Mobile Telephone Headlight (w/ Daytime Running Light)

Fuse		System
		Headlight (w/o Daytime Running Light) Interior Light Key Reminder Light Auto Turn Off Moon Roof Multiplex Communication System Power Seat (Driver's Seat w/ Driving Position Memory) Power Window Remote Control Mirror (w/ Driving Position Memory) Seat Belt Warning SRS Theft Deterrent and Door Lock Control VSC Wireless Door Lock
10A	FAN RLY	Electronic Modulated Suspension Radiator Fan and Condenser Fan
10A	GAUGE1	ABS Air Conditioning Charging Combination Meter Cruise Control Electronic Modulated Suspension Electronically Controlled Transmission and A/T Indicator Engine Control
10A	GAUGE1	Illumination Interior Light Key Reminder LEXUS Navigation System, Radio and Player (Except MARK LEVINSON w/ LEXUS Navigation System) LEXUS Navigation System, Radio and Player (MARK LEVINSON w/ LEXUS Navigation System) Multiplex Communication System Seat Belt Warning Shift Lock SRS Taillight and Stop Light Turn Signal and Hazard Warning Light

Fuse		System
		VSC
10A	GAUGE2	ABS Automatic Glare-Resistant EC Mirror and Compass Back-Up Light Cruise Control Electronically Controlled Transmission and A/T Indicator Headlight Beam Level Control Moon Roof Multiplex Communication System Power Seat (Driver's Seat w/ Driving Position Memory) Rear Sunshade Rear Window Defogger and Mirror Heater Remote Control Mirror (w/ Driving Position Memory) Tension Reducer VSC
10A	HTR	Air Conditioning Seat Belt Warning SRS
10A	MIR HTR	Engine Control Rear Window Defogger and Mirror Heater
10A	PANEL	Clock Combination Meter Illumination Taillight and Stop Light
10A	RAD NO.2	LEXUS Navigation System, Radio and Player (Except MARK LEVINSON w/ LEXUS Navigation System) LEXUS Navigation System, Radio and Player (MARK LEVINSON w/ LEXUS Navigation System) Radio and Player (MARK LEVINSON w/o LEXUS Navigation System) Radio and Player (1CD Type Except MARK LEVINSON w/o LEXUS Navigation System)
10A	RAD NO.2	Radio and Player (6CD Type Except MARK LEVINSON w/o LEXUS Navigation System)
10A	TAIL	Engine Control Taillight and Stop Light

Fuse		System
15A	CIG	Cigarette Lighter and Power Outlet
15A	FOG	Fog Light
15A	POWER POINT	Cigarette Lighter and Power Outlet
15A	STOP	ABS Cruise Control Electronic Modulated Suspension Electronically Controlled Transmission and A/T Indicator Engine Control Shift Lock Taillight and Stop Light VSC
15A	SUN-SHADE	Rear Sunshade
15A	WASHER	Wiper and Washer (w/ Auto Wiper System) Wiper and Washer (w/o Auto Wiper System)
20A	PWR NO.2	Multiplex Communication System Power Window Theft Deterrent and Door Lock Control Wireless Door Lock
20A	PWR NO.3	Multiplex Communication System Power Window
20A	PWR NO.4	Multiplex Communication System Power Window
20A	RAD NO.1	LEXUS Navigation System, Radio and Player (Except MARK LEVINSON w/ LEXUS Navigation System) LEXUS Navigation System, Radio and Player (MARK LEVINSON w/ LEXUS Navigation System) Radio and Player (MARK LEVINSON w/o LEXUS Navigation System) Radio and Player (1CD Type Except MARK LEVINSON w/o LEXUS Navigation System) Radio and Player (6CD Type Except MARK LEVINSON w/o LEXUS Navigation System)

Fuse		System
20A	SEAT HTR	Seat Heater
25A	AMP	LEXUS Navigation System, Radio and Player (MARK LEVINSON w/ LEXUS Navigation System) Radio and Player (MARK LEVINSON w/o LEXUS Navigation System)
25A	DOOR NO.2	Luggage Compartment Door Opener Multiplex Communication System Power Window
25A	DOOR NO.2	Theft Deterrent and Door Lock Control Wireless Door Lock
25A	WIPER	Wiper and Washer (w/ Auto Wiper System) Wiper and Washer (w/o Auto Wiper System)
30A	PWR NO.1	Moon Roof Multiplex Communication System Power Window Theft Deterrent and Door Lock Control Wireless Door Lock
30A	PWR SEAT	Power Seat (Driver's Seat w/ Driving Position Memory) Power Seat (Driver's Seat w/o Driving Position Memory) Power Seat (Front Passenger's Seat) Remote Control Mirror (w/ Driving Position Memory)
40A	DEF	Rear Window Defogger and Mirror Heater

Buzzers, relays & timers location.

Component	Component Location
ABS MTR Relay	On ABS R/B.
ABS SOL Relay	On ABS R/B.
ACC Relay	On driver side J/B.

Component	Component Location
A/F HTR Relay	On engine room R/B.
C/OPN Relay	On engine room J/B.
DEF Relay	On driver side J/B.
DRL No. 2 Relay	On engine room R/B.
DRL No. 3 Relay	On engine room R/B.
DRL No. 4 Relay	On engine room R/B.
EFI Relay	On engine room J/B.
FAN No. 1 Relay	On engine room J/B.
FAN No. 2 Relay	On engine room R/B.
FAN No. 3 Relay	On engine room R/B.
FOG Relay	On driver side J/B.
HEAD Relay	On engine room J/B.
HORN Relay	On engine room J/B.
HTR Relay	On engine room R/B.
IG1 Relay	On driver side J/B.
Keyless Buzzer	At right front corner of engine compartment.
MG CLT Relay	On engine room R/B.
Rear Sunshade Control Relay	Near front center of luggage compartment. See Fig. 3.
ST Relay	On engine room R/B.

Component	Component Location
TAIL Relay	On driver side J/B.
Turn Signal Flasher Relay	Behind left kick panel. See Fig. 2 .
VSC Warning Buzzer	Behind center of dash.
Wiper Relay	Behind lower center of dash. See Fig. 2 .

Circuit protection devices location.

Component	Component Location
ABS R/B	On left front corner of engine compartment.
Driver Side J/B	Behind left side of dash. See Fig. 2 .
Engine Room J/B	On left side of engine compartment. See Fig. 1 .
Engine Room R/B	On left side of engine compartment. See Fig. 1 .
Overhead J/B	On front center of roof. See Fig. 3 .
Passenger Side J/B	Behind right side of dash. See Fig. 2 .

Fig.1.

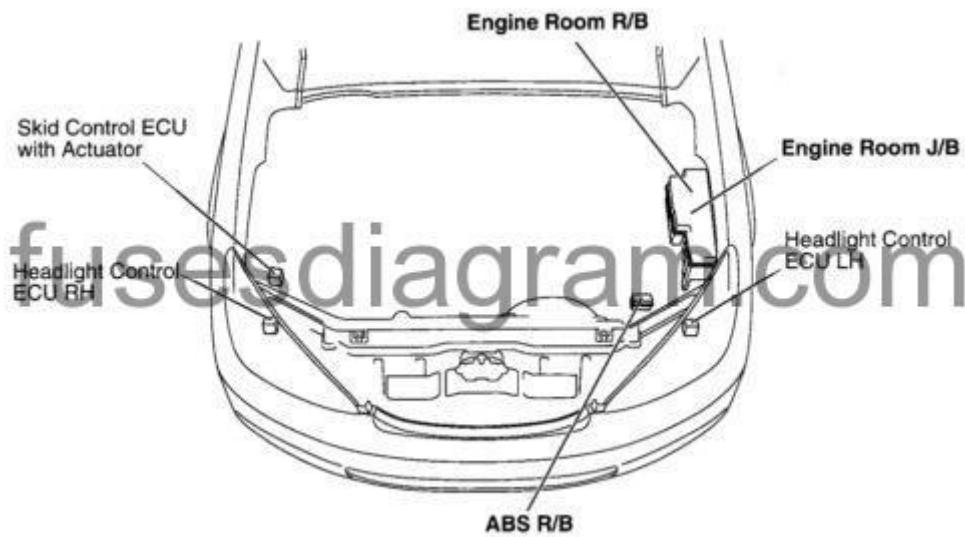


Fig.2.

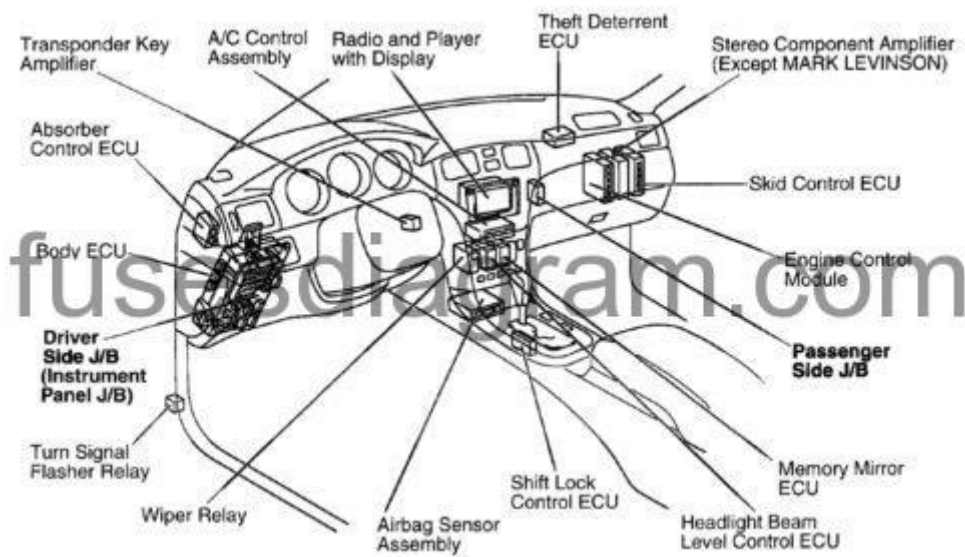


Fig.3.

