

Lexus ES350 (XV40/GSV40; 2006-2012) fuses and relays

*In this article, we consider the fifth-generation Lexus ES (XV40/GSV40), produced from 2006 to 2012. Here you will find fuse box diagrams of **Lexus ES 350 2006, 2007, 2008, 2009, 2010, 2011 and 2012**, get information about the location of the fuse panels inside the car, and learn about the assignment of each fuse (fuse layout) and relay.*

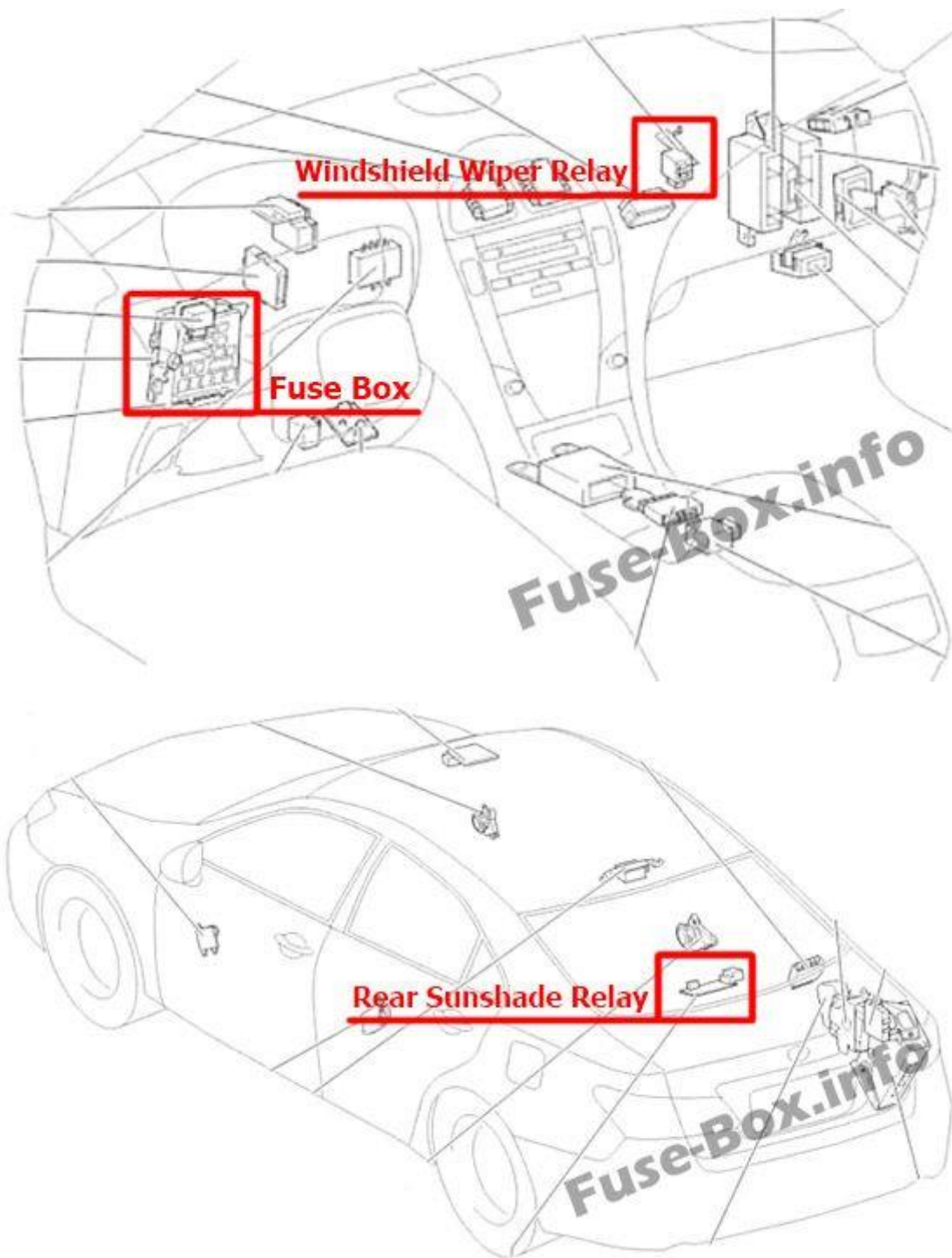
See other Lexus ES:

Fuse Layout Lexus ES350 2006-2012



Cigar lighter (power outlet) fuses in the Lexus ES350 are the fuses #29 "CIG" (Cigarette lighter) and #30 "PWR OUTLET" (Power outlet) in the Instrument panel fuse box.

Passenger compartment overview

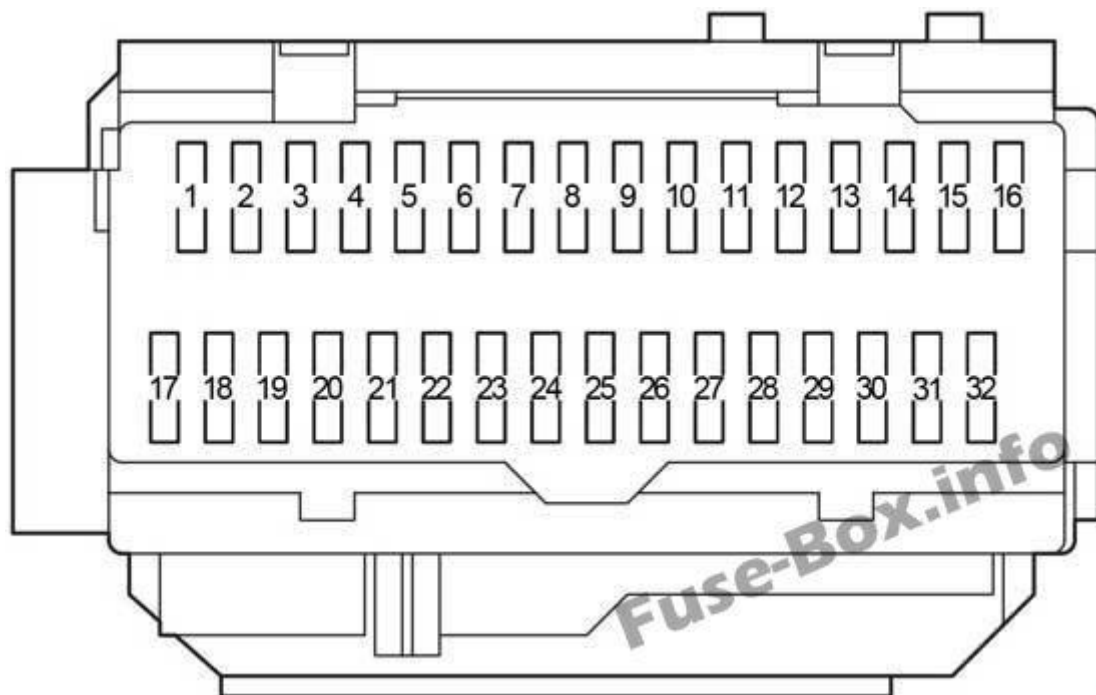


Passenger Compartment Fuse Box

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



Fuse box diagram



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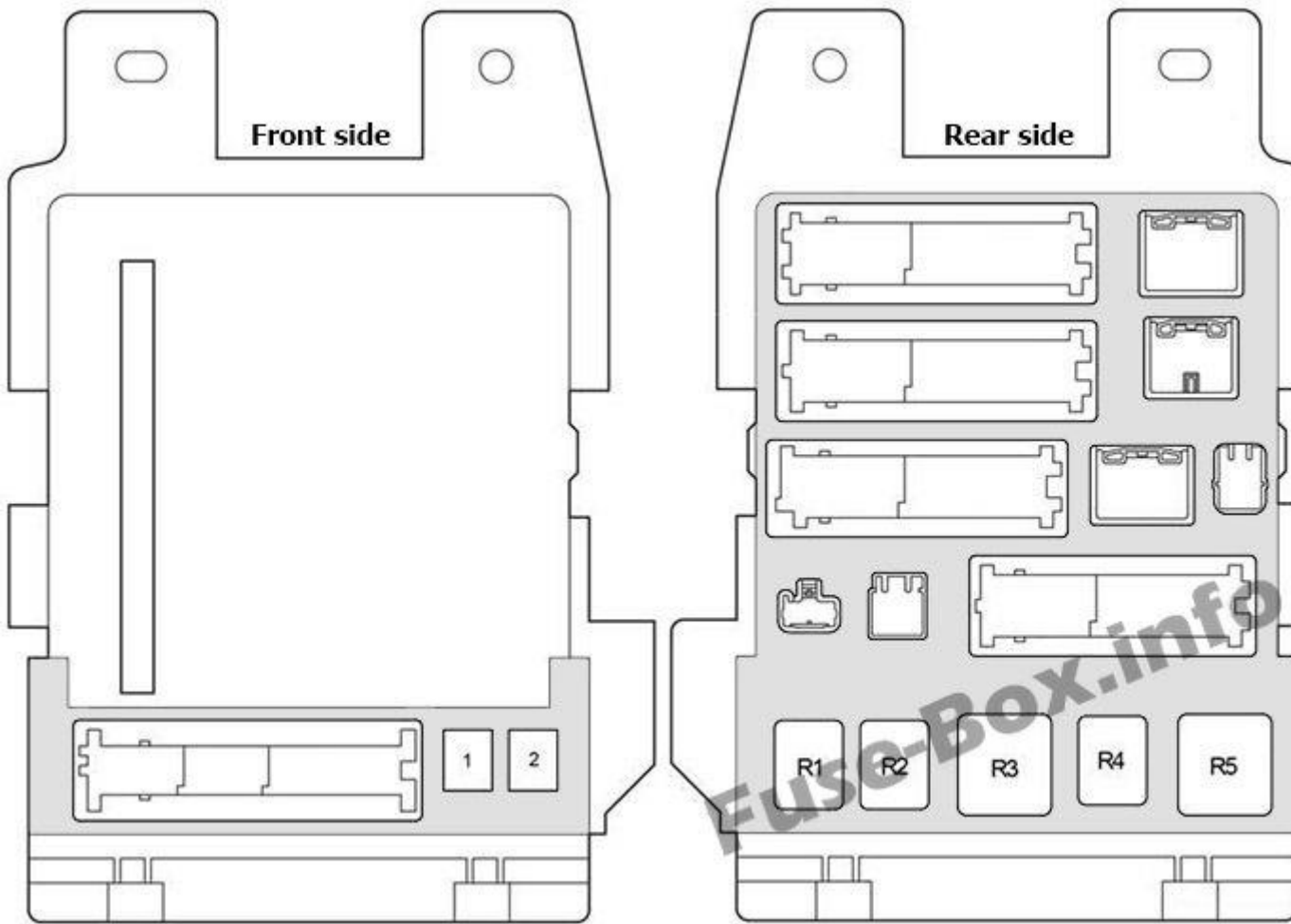
Assignment of the fuses in the Passenger Compartment

No	Name	A	Circuit
1	RR DOOR RH	25	Rear right power window
2	RR DOOR LH	25	Rear left power window
3	FUEL OPN	7.5	Fuel filler door opener
4	FR FOG	15	Front fog lights
5	OBD	7.5	On-board diagnosis system
6	ECU-B NO.2	7.5	ECU powers
7	STOP	10	Stop lights
8	TI&TE	30	Tilt and telescopic steering
9	-	-	Not used
10	-	-	Not used
11	A/C	7.5	Air conditioning system
12	PWR	25	Power windows
13	DOOR NO.2	25	Main body ECU
14	S/ROOF	30	Moon roof
15	TAIL	15	Front and rear side marker lights, tail lights, license plate lights
16	PANEL	7.5	Switch illumination

No	Name	A	Circuit
17	ECU IG NO.1	10	Moon roof, seat heaters, power windows, clock, automatic windshield wiper, electric cooling fans, driving position memory system, seat position memory system
18	ECU IG NO.2	7.5	Anti-lock brake system, vehicle stability control system, traction control system, brake assist system, cruise control system, stop lights, shift lock control system
19	A/C NO.2	10	Air conditioning system, rear window defogger
20	WASH	10	Windshield washer
21	S-HTR	20	Seat heaters, air conditioning system
22	GAUGE NO.1	10	Emergency flashers, back-up lights, rear sunshade, charging system
23	WIP	25	Windshield wipers
24	H-LP LVL	7.5	Headlight leveling system
25	-	-	Not used
26	IGN	10	Multiport fuel injection system/ sequential multiport fuel injection system, SRS airbag system, steering lock system
27	GAUGE NO.2	7.5	Meters
28	ECU-ACC	7.5	Clock, main body ECU
29	CIG	20	Cigarette lighter
30	PWR OUTLET	20	Power outlet
31	RADIO NO.2	7.5	Audio system

No	Name	A	Circuit
32	MIR HTR	15	Outside rear view mirror defoggers

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Assignment of the fuses and relay in the Passenger Compartment

No	Name	A	Circuit
1	P/SEAT	30	Power seats
2	POWER	30	Power windows
Relay			
R1			Fog Lights

Nº	Name	A	Circuit
R2			Tail Lights
R3			Accessory Relay
R4			Short Pin
R5			Ignition

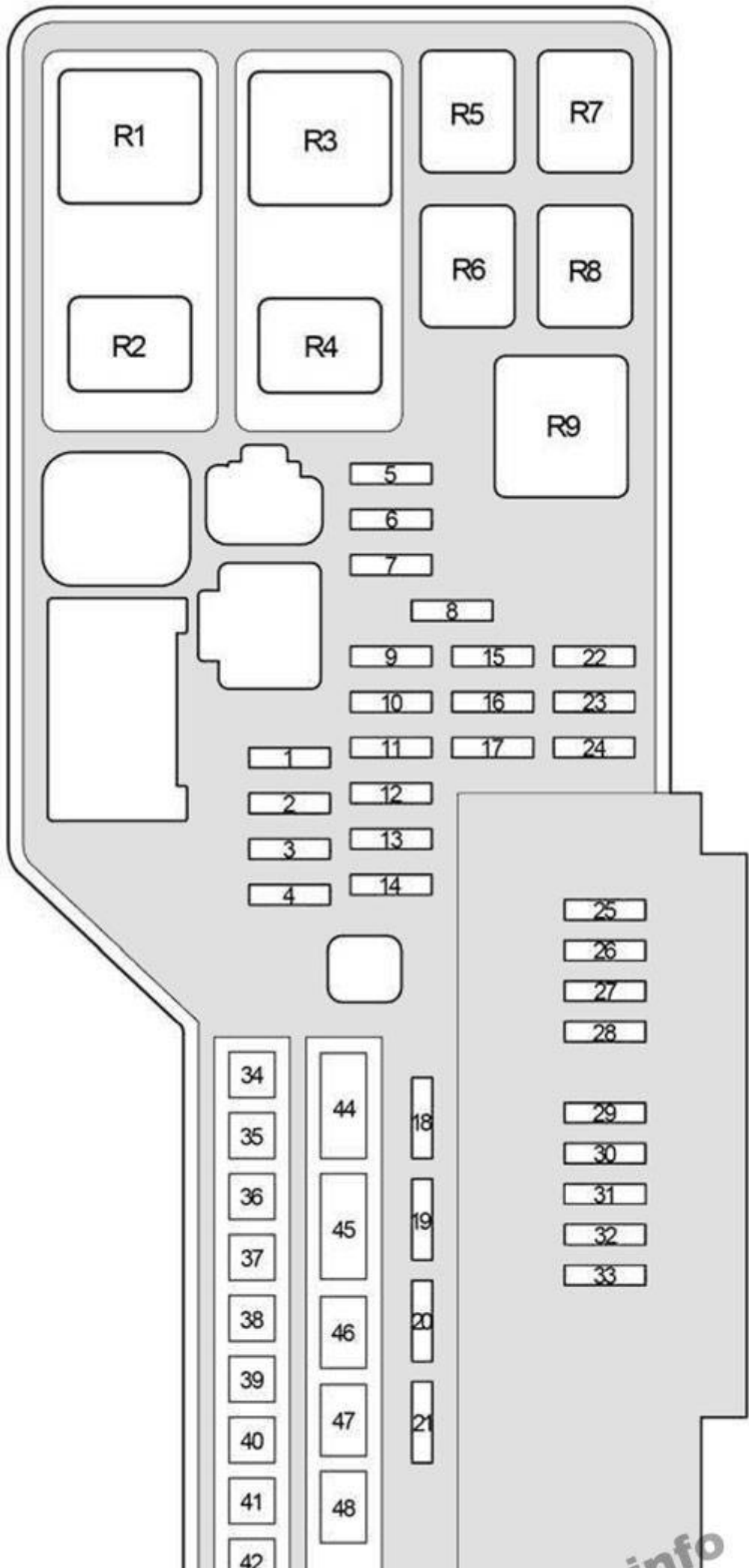
Engine Compartment Fuse Box

Fuse box location

*The fuse box is located in the engine compartment (left-side).
Remove the covers, push the tabs in and lift the lid off.*



Fuse box diagram



Assignment of the fuses and relay in the Engine Compartment

No	Name	A	Circuit
1	ALT-CDS	10	Alternator condenser
2	RR FOG	10	Rear fog light
3	-	-	Not used
4	-	-	Not used
5	AM 2	7.5	Starting system
6	ALT-S	7.5	Charging system
7	MAYDAY/TEL	10	Mayday system
8	-	-	-
9	A/C CTRL PNL	15	Air conditioning system
10	E-ACM	10	Electric active control mount
11	ETCS	10	Electronic throttle control system
12	HAZ	15	Turn signal lights
13	IG2	20	Multiport fuel injection system/sequential multiport fuel injection system, GAUGE NO.2, IGN fuses
14	STR LOCK	20	Steering lock system
15	DOME	10	Interior lights, meters, vanity lights
16	ECU-B NO.1	10	ECU powers

№	Name	A	Circuit
17	RADIO NO.1	15	Audio system
18	DOOR NO.1	25	Power door lock system
19	AMP2	30	Audio system
20	AMP	30	Audio system
21	EFI MAIN	30	EFI NO.2, EFI NO.3 fuses, fuel system, ECT system
22	-	-	Not used
23	EFI NO.3	10	Multiport fuel injection system/sequential multiport fuel injection system
24	EFI NO.2	15	Multiport fuel injection system/sequential multiport fuel injection system
25	S-HORN	7.5	Horn
26	A/F	20	Multiport fuel injection system/sequential multiport fuel injection system
27	MPX-B	10	Meters
28	EFI NO.1	10	Multiport fuel injection system/sequential multiport fuel injection system, ECT system
29	HORN	10	Horns
30	H-LP (RL)	15	Right-hand headlight (low beam)
31	H-LP (LL)	15	Left-hand headlight (low beam)
32	H-LP(RH)	15	Right-hand headlight (high beam)
33	H-LP (LH)	15	Left-hand headlight (high beam)
34	HTR	50	Air conditioning system

No	Name	A	Circuit
35	ABS NO.1	50	Anti-lock brake system, vehicle stability control system
36	FAN MAIN	50	Electric cooling fans
37	ABS NO.2	30	Anti-lock brake system, vehicle stability control system
38	RR DEF	50	Rear window defogger
39	P-P / SEAT	30	Power seat
40	H-LP CLN	30	No circuit
41	-	-	Not used
42	-	-	Not used
43	PSB	30	Pre-collision seat belt
44	ALT	120	PSB, H-LP CLN, P-P/SEAT, RR DEF, ABS NO.2, FAN MAIN, ABS NO.1, HTR, RR FOG, RR DOOR RH, RR DOOR LH, FUEL OPN, FR FOG, OBD, STOP, TI & TE, A/C, PWR, DOOR NO.2, S/ROOF, GAUGE NO.2, POWER, P/SEAT fuses
45	-	-	Not used
46	-	-	Not used
47	-	-	Not used
48	ST	30	Starting system
Relay			
R1			VSC No.2
R2			VSC NO.1

№	Name	A	Circuit
R3			Electric cooling fan
R4			Stop lights or Rear fog light
R5			Starter (ST)
R6			Ignition (IG2)
R7			Magnetic clutch (A/C)
R8			Starter (ST CUT)
R9			Rear window defogger