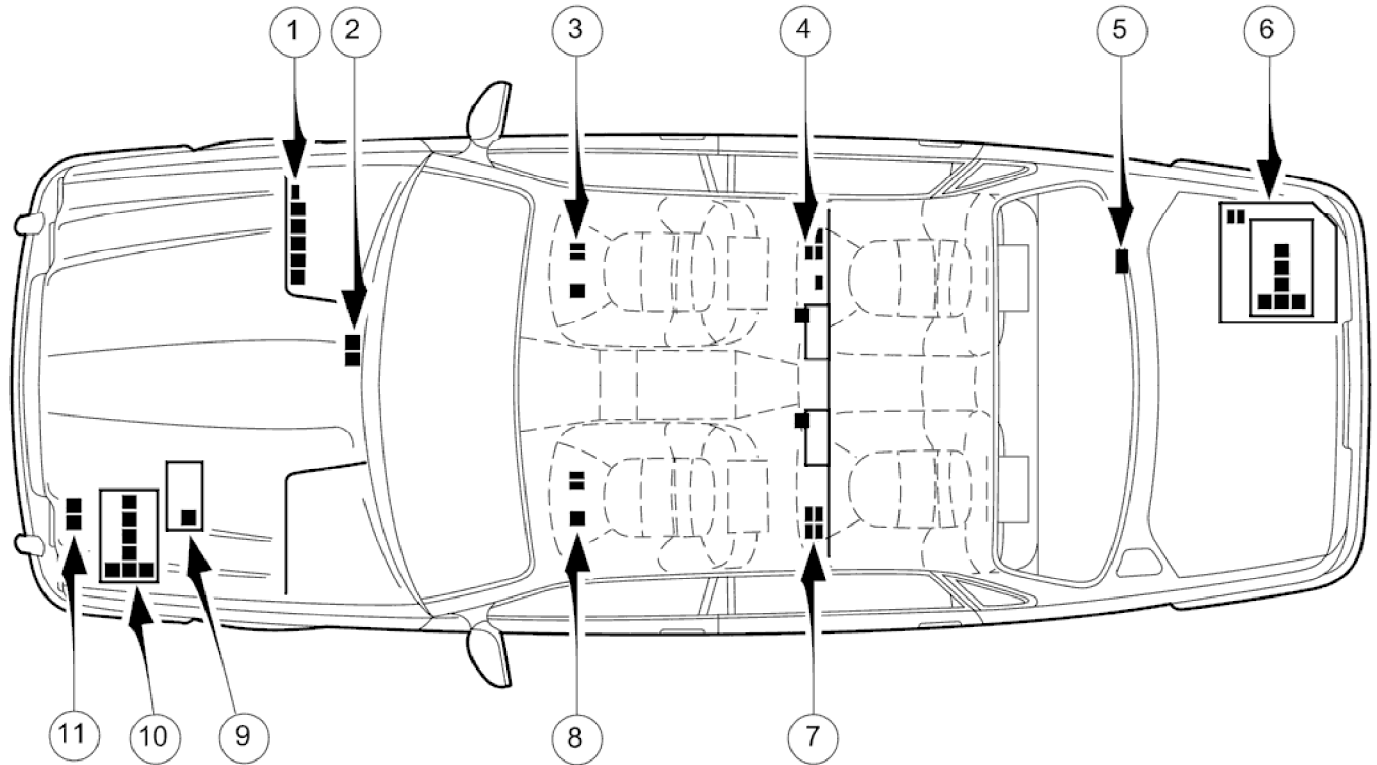


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Communications Network

Fuse Boxes and Relays (LH Steering)



E33339

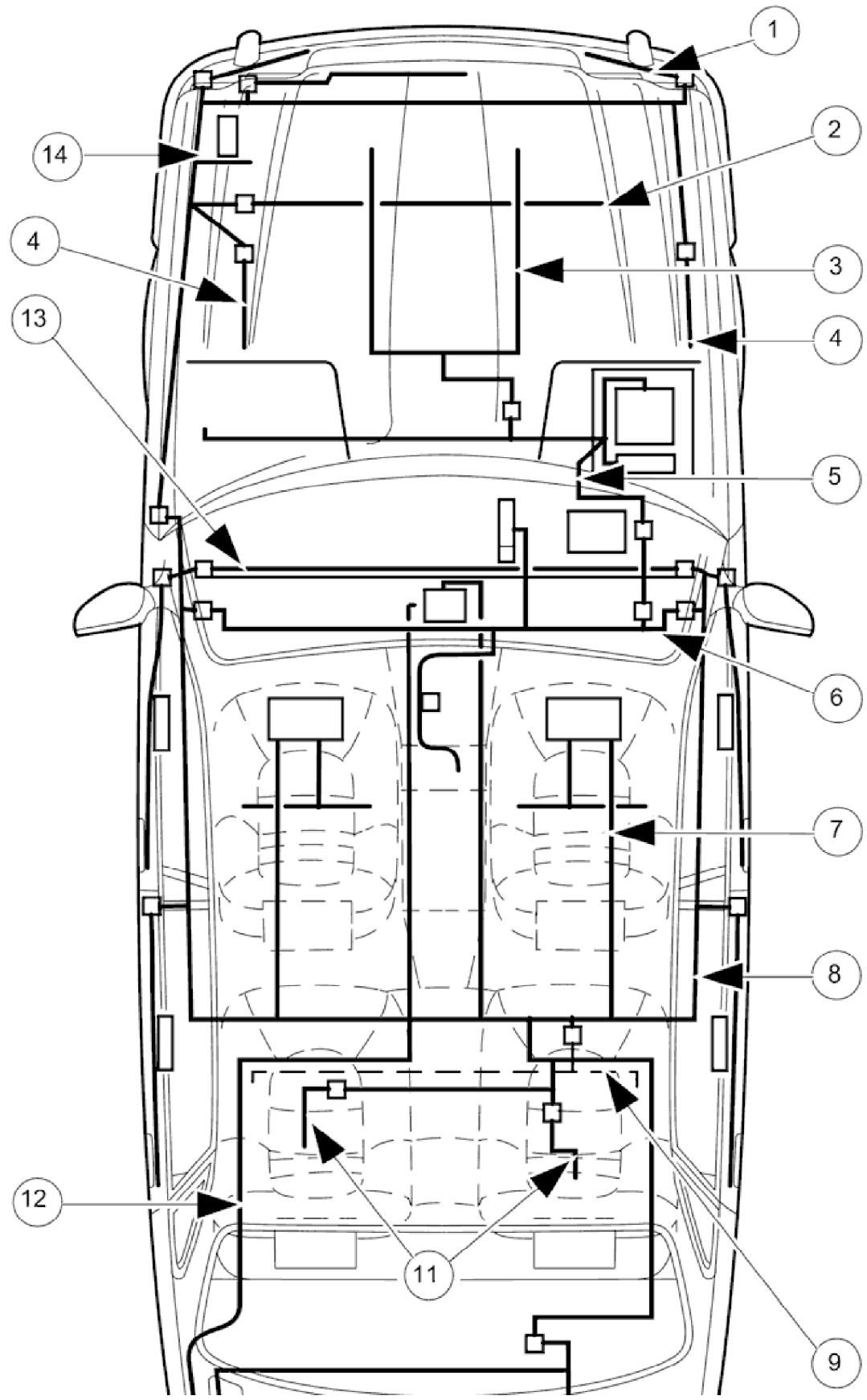
Parts List

Item	Description
1	Engine and Transmission Control Module Compartment Relays (RH Steering opposite)
2	Front Firewall Relays
3	Front Seat Relays - Right Hand Side
4	Heelboard - Right Hand Side
5	High Power Protection Module
6	Trunk Fuse Box
7	Heelboard - Left Hand Side
8	Front Seat Relays - Left Hand Side
9	Engine Management Fuse Box
10	Engine Compartment Fuse Box
11	Engine Compartment Front Relays

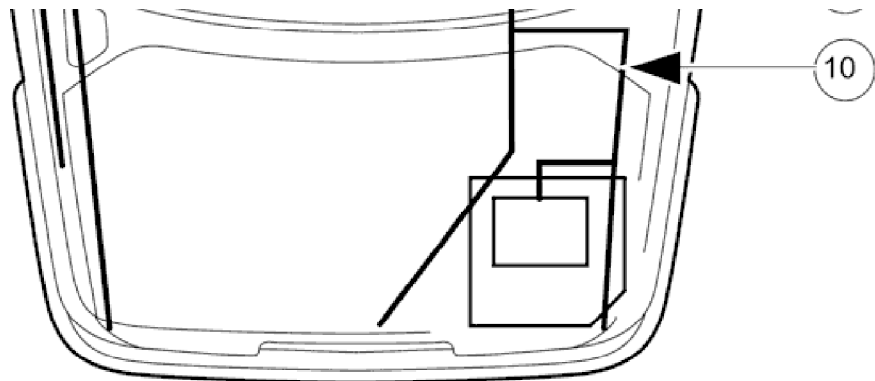
There are six fuse box assemblies per vehicle, five of which have conventional, replaceable fuses. The High Power Protection Module does not have conventional fuses, it comprises three 250 Amp fusible links to protect the starting circuit (two connected in parallel) and the battery positive supply to the other fuse boxes.

Wiring Harnesses

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Parts List

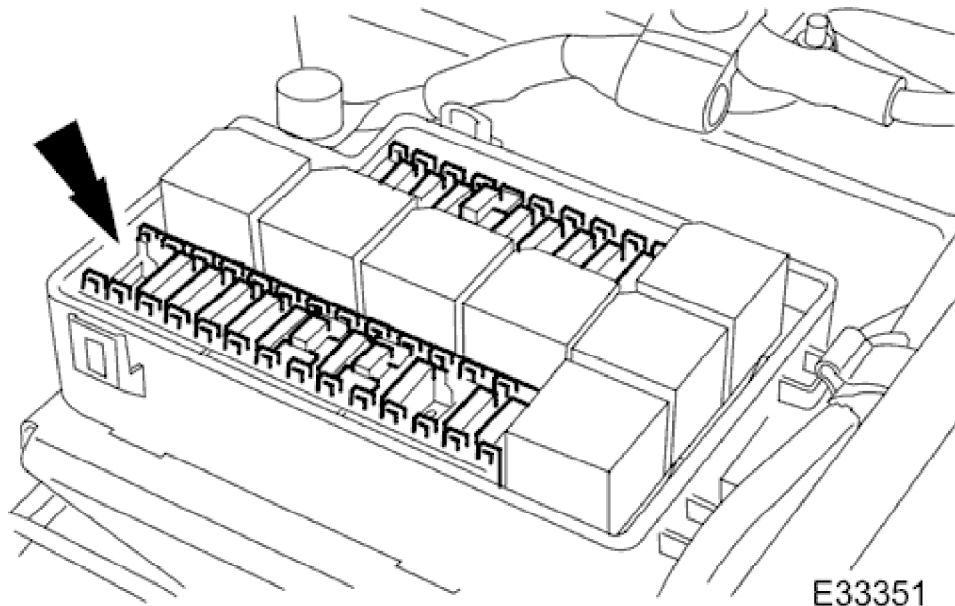
Item	Description
1	Bumper
2	Power Steering Link
3	Engine
4	Front Axle
5	Engine Management
6	Console
7	Seat
8	Cabin
9	Rear Electric Seat Link (optional)
10	Trunk
11	Rear Axle
12	ICE
13	Fascia
14	Forward

Location of J1962 socket

The J1962 socket is located at the driver side inboard footwell.

Fuse Box Details

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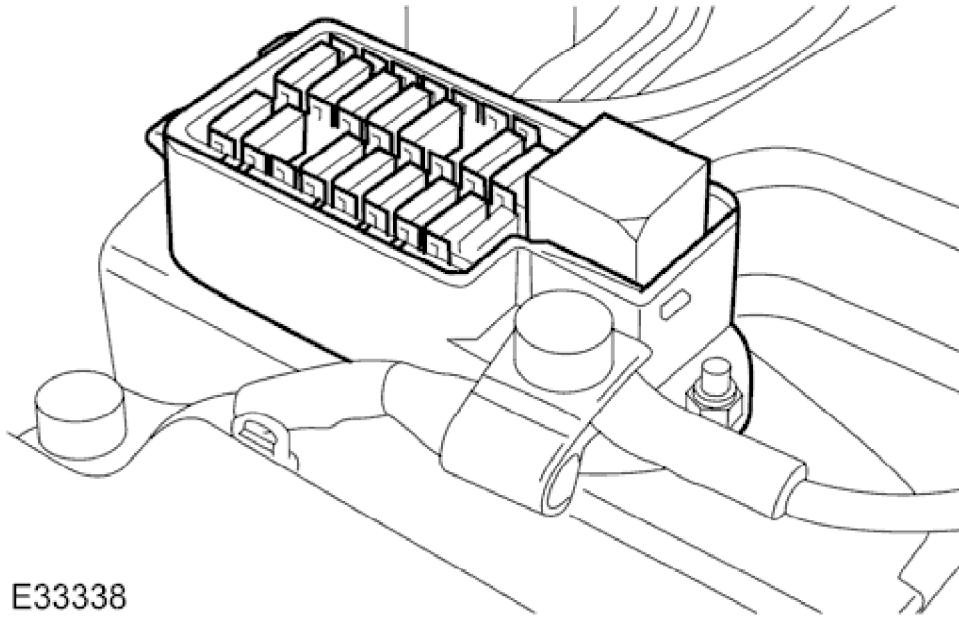


Engine Compartment Fuse Box

Fuse No	Rating (amps)	Circuit
1	10	Transmission control module.
2	5	Screen heaters relay, alternator regulator.
3	10	Security sounder, headlamp levelling, ignition coils +Ve, fog lamp switches.
4	5	ABS control module.
5	10	Adaptive damping, starter relay coil, engine management control module and relays.
6	10	Right-hand low beam headlamp.
7	30	Power wash pump.
8	10	Left-hand low beam headlamp.
9	10	Security sounder.
10	-	Not used.
11	10	Right-hand horn.
12	30	Radiator cooling fans series/right-hand fast.
13	10	Left-hand horn
14	30	Cooling fans left-hand fast.
15	10	Air conditioning coolant pump.
16	30	ABS pump control.
17	15	Front fog lamps.
18	30	ABS pump motor.
19	10	Right-hand high beam headlamp.
20	-	Not used.

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21	10	Left-hand high beam headlamp.
22	30	Wiper motor.



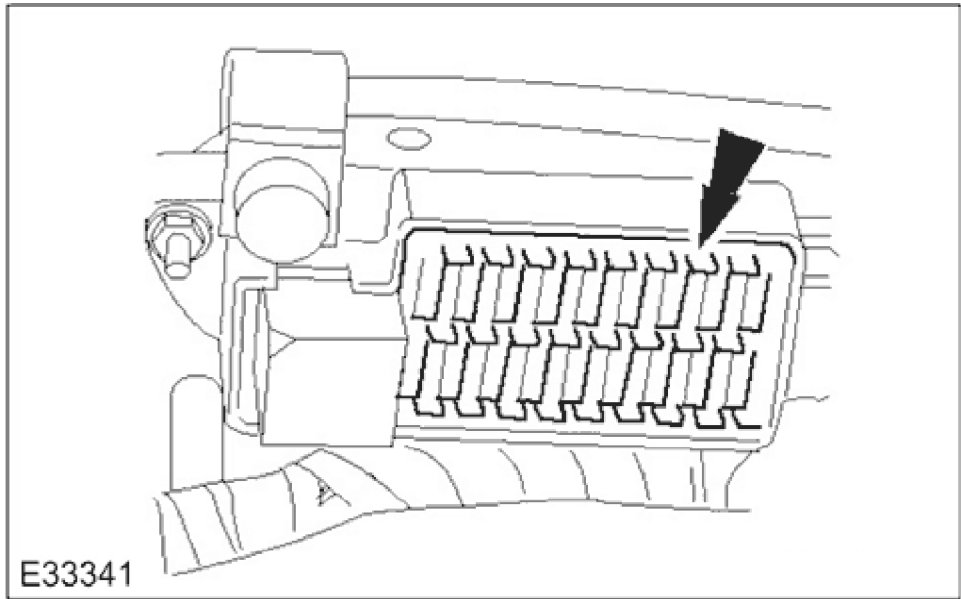
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Engine Management Fuse Box

Fuse No	Rating (amps)	Circuit
1	20	Adaptive damping
2	15	Intercooler water pump (Supercharger)
3	25	Starter solenoid.
4	5	Engine control module.
5	10	Fuel injectors.
6	5	Transmission control module
7	-	Not used.
8	10	Air conditioning compressor clutch.
9	30	Throttle motor.
10	5	Engine control module, Park/Neutral switch, cruise control VSV 1 and 2 (where fitted), EGR valves.
11	-	Not used.
12	10	Air flowmeter, VVT solenoids.
13	-	Not used.
14	10	HO2S sensor heaters (where fitted), EVAP valve, ignition coils relay, throttle motor relay, AC compressor clutch relay, radiator fans control module, CCV.
15	30	Windscreen left-hand heater.
16	5	Control module compartment cooling fan.

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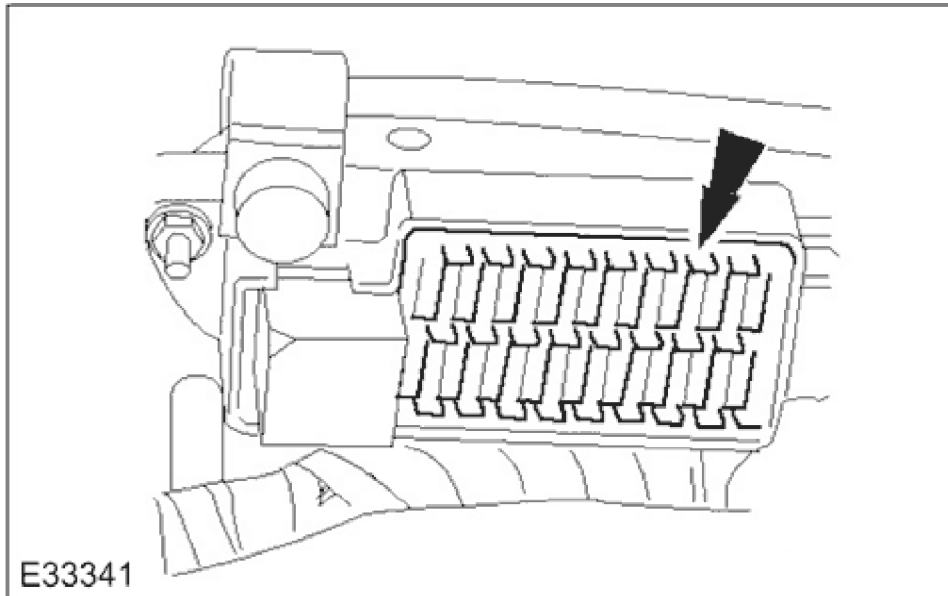
17	30	Windscreen right-hand heater.
18	10	Ignition coils, ignition amplifier.



Heelboard Fuse Box - Right hand side

Fuse No	Rating (amps)	Circuit
1	20	Left-hand seat control module.
2	15	Door lock relay, door locking actuators.
3	15	Body processor module.
4	10	Door mirror heaters, mirror foldback.
5	5	Radio telephone.
6	10	Air conditioning.
7	20	Body processor module (column motor power).
8	5	Rear window switchpack, passenger door switchpack.
9	5	Passenger seat switchpack.
10	5	Radio telephone, rear courtesy lamp/map light.
11	20	Air conditioning right-hand blower relay.
12	5	In-car entertainment.
13	25	Right-hand rear door control module.
14	25	Cigar lighters.
15	25	Right-hand door control module.
16	-	Not used.
17	15	Sunroof.
18	25	Right-hand and left-hand seat heaters.

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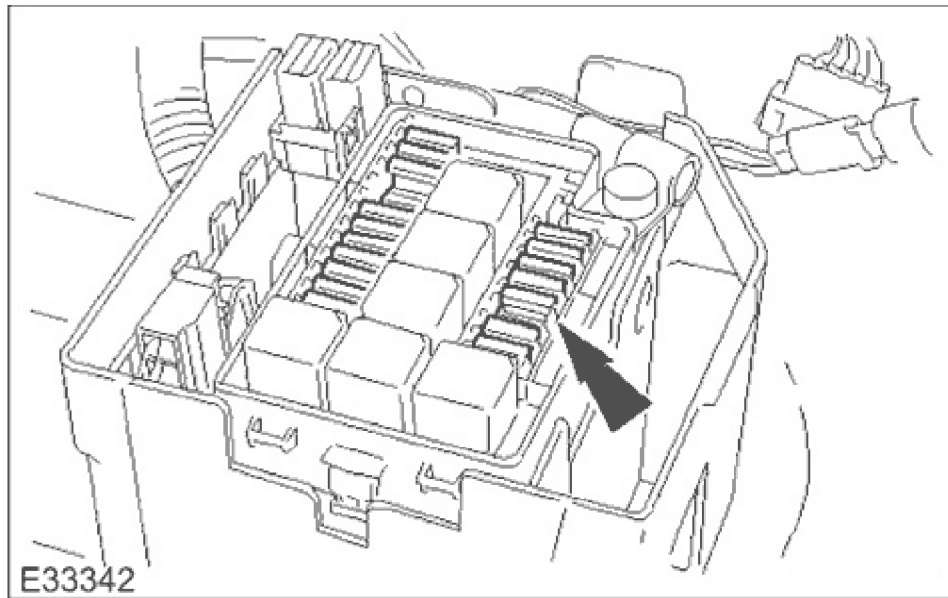


Heelboard Fuse Box - Left hand side

Fuse No	Rating (amps)	Circuit
1	20	Right-hand seat control module.
2	5	Rear window switchpack, driver door key barrel, driver door switchpack and memory.
3	5	Dimmer module.
4	5	Diagnostic connector.
5	15	Body processor module.
6	5	Centre console switchpack, reader exciter ECM
7	15	Body processor module (battery supply for solenoids, lamps and motors).
8	5	Steering column adjust switch, driver seat switchpack.
9	10	Radio/cassette head unit.
10	5	Airbag/SRS
11	20	Air conditioning left-hand blower motor.
12	10	Door mirror heaters relay, air conditioning, blower motor relays, power steering control module.
13	25	Left-hand rear window
14	10	Cruise control switch, instrument cluster, catalytic converter over temperature warning.
15	25	Left-hand door control module.
16	5	Electrochromic interior mirror (where fitted), centre console switchpack, gear selector, traction control switch illumination, J-gate mode switch illumination, pins A9 and D8 trunk fusebox.
17	10	Accessory supply.

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18	5	Instrument cluster.
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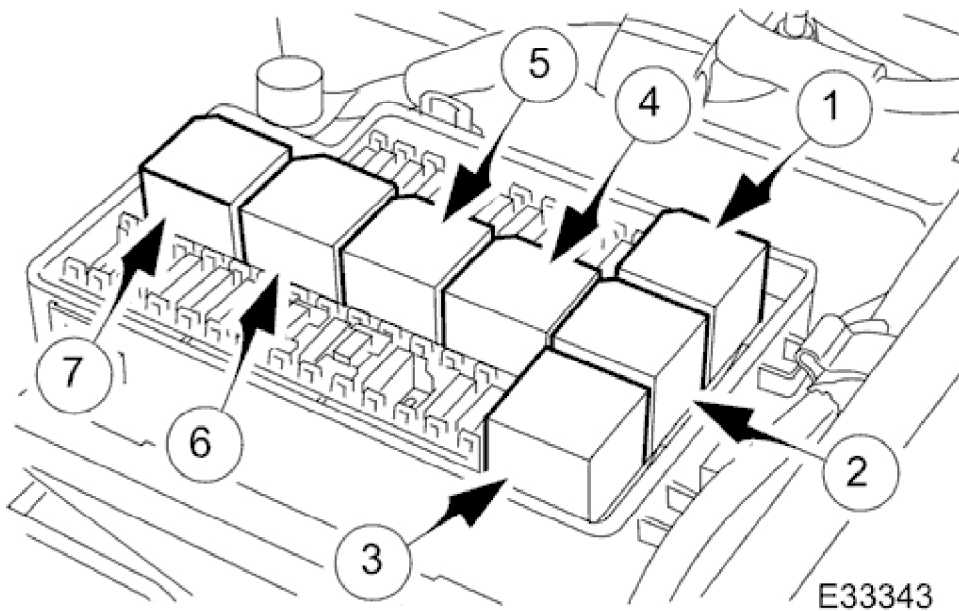
Trunk Fuse Box

Fuse No	Rating (amps)	Circuit
1	10	Security and locking control module (Reversing lamps, rear fog lamps, stop lamps, electrochromic mirror).
2	5	Fuel filler flap.
3	10	F16 left-hand heelboard (where fitted).
4	5	Diagnostic connector.
5	5	Right-hand and left-hand seat timer (rear).
6	-	Not used.
7	20	Fuel pump.
8	10	High mounted stop lamp, caravan/trailer stop lamps
9	10	Antenna motor.
10	10	Security and locking control module (trunk release, caravan/trailer direction indicators, fuel filler flap relay).
11	10	Accessory sockets.
12	15	In-car entertainment power amplifier.
13	-	Not used.
14	-	Not used.
15	20	Fuel pump (supercharger, where fitted).
16	20	Caravan/trailer connector.
17	25	Heated rear screen.
18	20	Rear seat movement.

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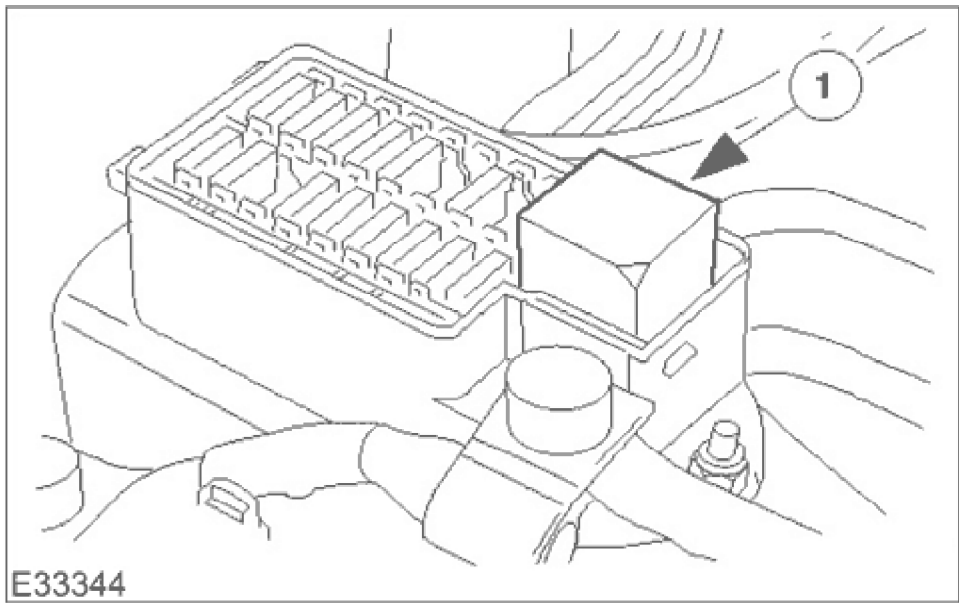
19	5	Right-hand side lamps, left-hand and right-hand number plate lights, caravan/trailer.
20	20	Rear seat movement.
21	5	Left-hand side lamps, left-hand and right-hand sidemarker lights, caravan/trailer.
22	20	Rear seat heaters.

Relay Details



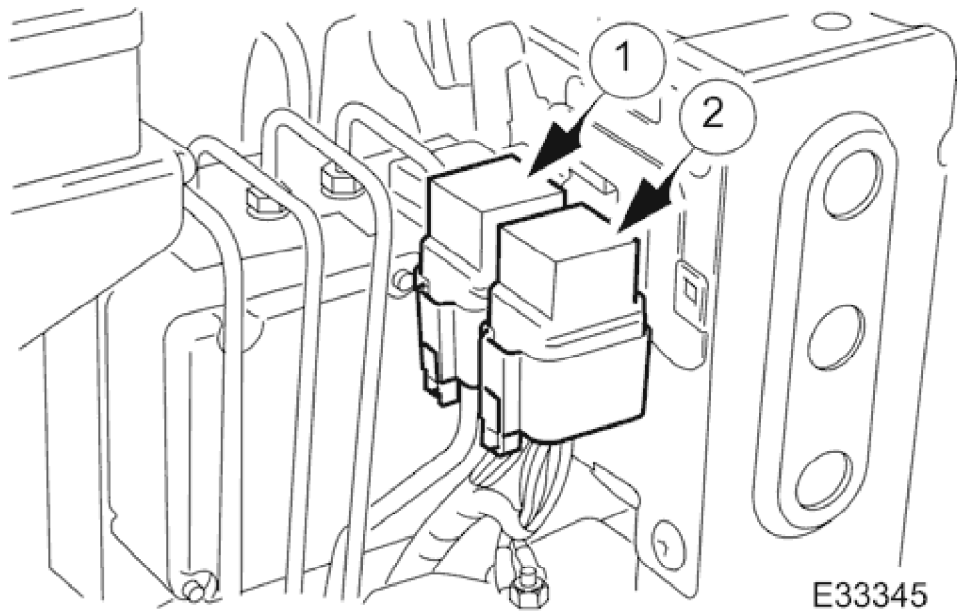
Engine Compartment Fuse Box Relays

Relay No	Color	Circuit
1	Brown	Air conditioning coolant pump
2	Brown	Front fog lamps
3	Brown	Headlamps - high beam
4	Brown	Headlamps - power wash pump (where fitted)
5	Brown	Headlamps - low beam
6	Brown	Horns
7	Brown	Ignition +



Engine Management Fuse Box Relay

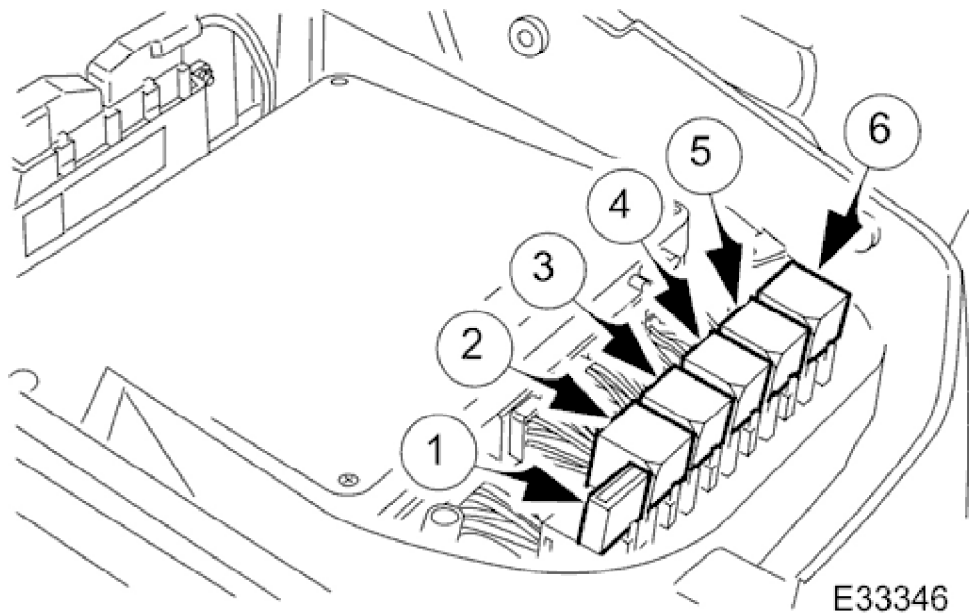
Relay No	Color	Circuit
1	Brown	EMS control relay



Engine Compartment - Front Relays

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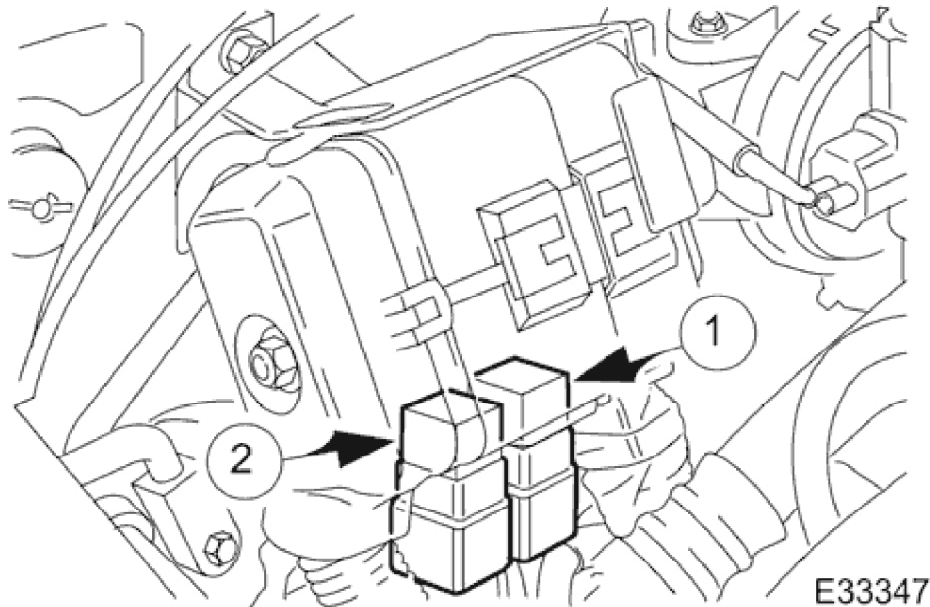
Relay No	Color	Circuit
1	Black	Windshield wiper fast/slow
2	Black	Windshield wiper on/off



Engine and Transmission Control Module Compartment Relays

Relay No	Color	Circuit
1	Blue	SC coolant water pump
2	Brown	Fuel injection main
3	Brown	Ignition coils
4	Brown	Throttle motor
5	Brown	Starter solenoid
6	Brown	Air conditioning compressor clutch

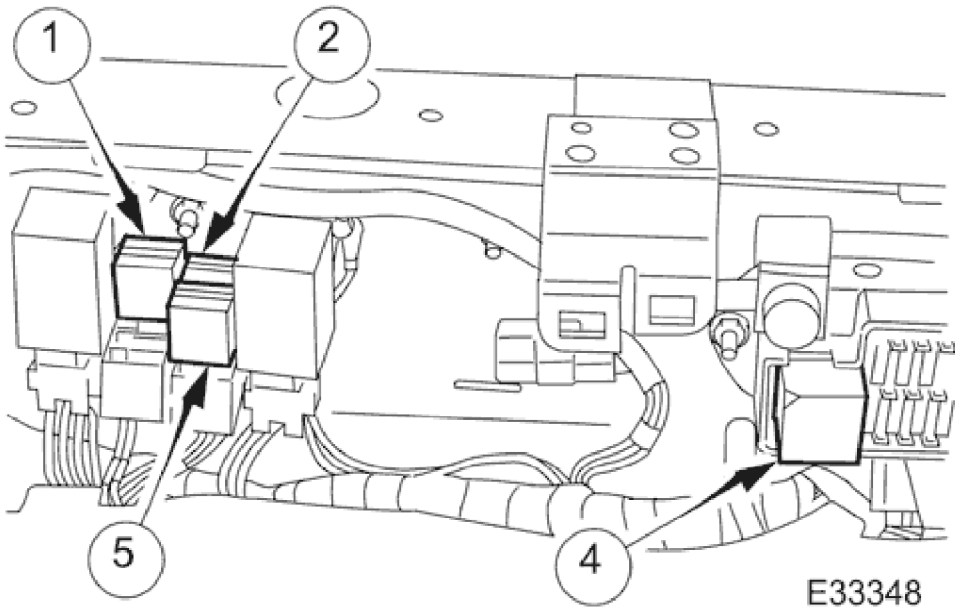
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Front Firewall Relays

Relay No	Color	Circuit
1	Black	Windshield RH heater (where fitted)
2	Black	Windshield LH heater (where fitted)



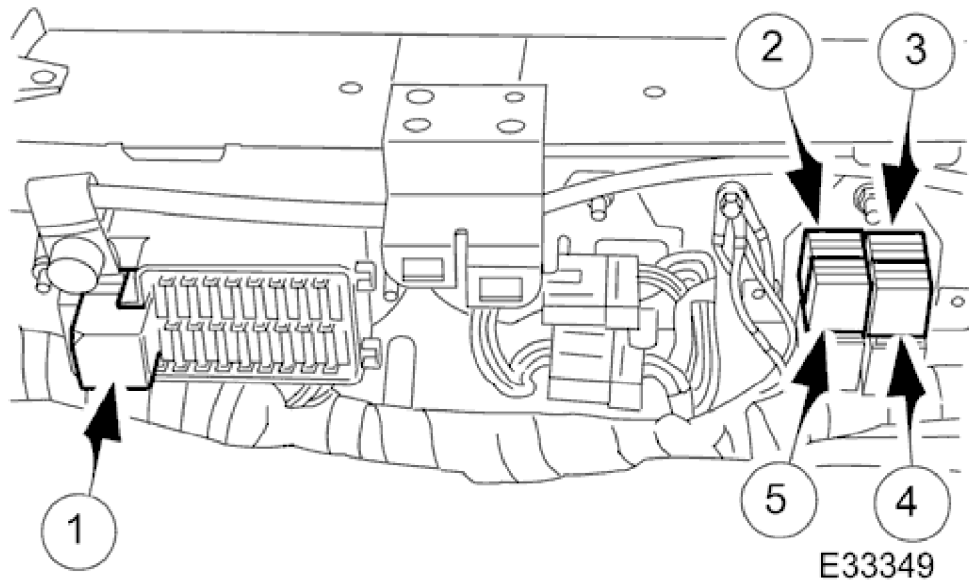
E33348

Heelboard Fuse Box Relays - Right hand side

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Relay No	Color	Circuit
1	Blue	Door mirror heater
2	Blue	Air conditioning RH blower
3	Blue	Left rear seat lumbar deflate (where fitted) *
4	Brown	Auxiliary +
5	Blue	Air conditioning LH blower

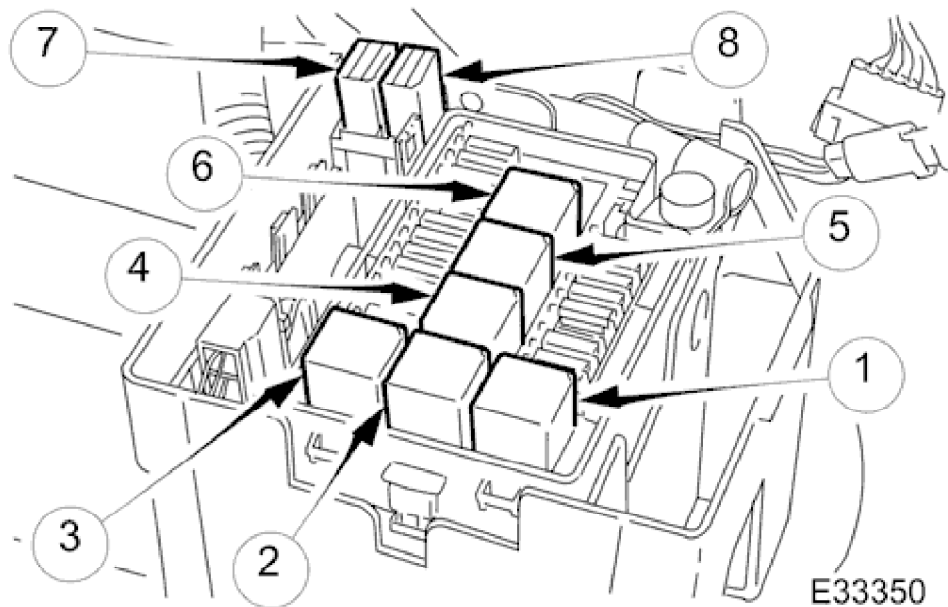
* not illustrated



Heelboard Fuse Box Relays - Left hand side

Relay No	Color	Circuit
1	Brown	Ignition +
2	Violet	Door mirror fold flat (where fitted)
3	Violet	Air conditioning isolate
4	Violet	Door locks
5	Violet	Door mirror fold out (where fitted)

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Trunk Fuse Box Relays

Relay No	Color	Circuit
1	Brown	Second fuel pump (SC models only)
2	Brown	Rear window defroster
3	Brown	Side marker, license plate and trailer rear lamps
4	Brown	Fuel pump
5	Brown	Stop lamps (HMSL and trailer only)
6	Violet	Accessory socket (where fitted)
7	Violet	Fuel filler flap lock
8	Violet	Fuel filler flap unlock