

Fuses and Relays

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Fuses and Relays

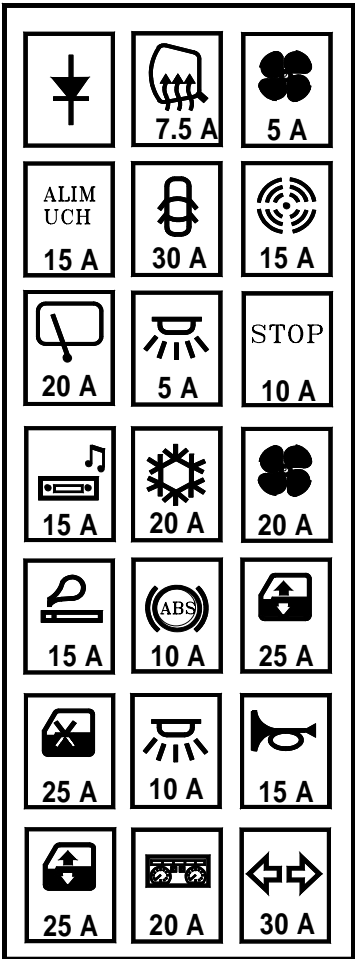
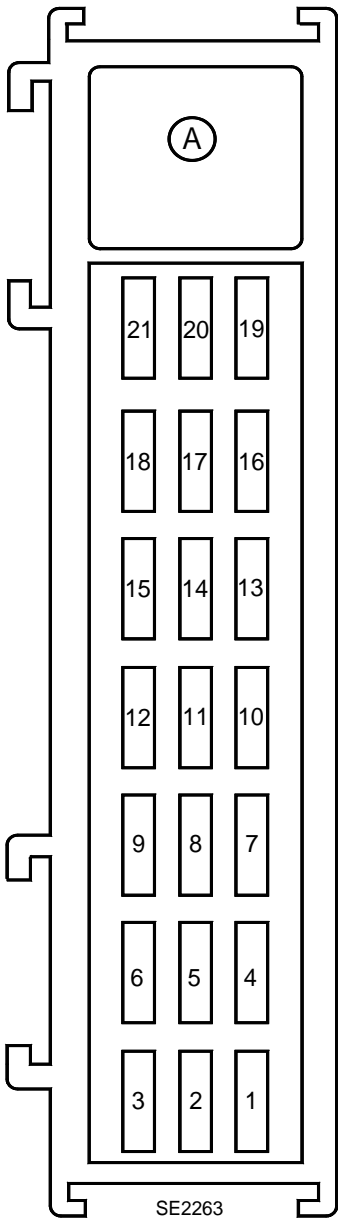
PASSENGER COMPARTMENT FUSE AND RELAY BOX (260) - VEHICLE WITH KEY VERSION

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Location

This unit is located in the dashboard, on the left-hand side of the centre console.









Fuse symbols:



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Allocation of fuses (according to equipment level)

No.	Symbol	Amps	Connection	Description
F1		30A	BP19	Fuse: direction indicator lights
F2		20A	BP69	Fuse: instrument panel (247) - air conditioning control unit (419) - consumer cut-off fuse unit (710)
F3		25A	BP70	Fuse: passenger electric window motor (204)
F4		15A	BP32	Fuse: main electromagnetic horn (105) - diagnostic socket (225)- driving school control monitor (469)
F5		10A	BP6	Fuse: luggage compartment light (165) - glovebox light (168)
F6		25A	BP55	Fuse: driver's electric window motor (203) - child safety lock control (135)
F7		25A	SPB3	Fuse: driver's dual front electric window control (1512)
F8		10A	SP15	Fuse: ABS computer (118) - ESP control (1094) cluster sensor (1107) - wheel speed computer (953)

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Allocation of fuses (according to equipment level)

No.	Symbol	Amps	Connection	Description
F9		15A	SP4G	Fuse: first row cigarette lighter (101)
F10		20A	SP3	Fuse: passenger compartment blower 1 (1156) on version with manual air conditioning
F11		20A	SP3	Fuse: passenger compartment blower 1 (1156) on version with automatic air conditioning
F12		15A	SP2	Fuse: radio (261) - air conditioning control unit (419) - air conditioning control panel (319) - steering column switches (1519) - car phone central unit (492) - two-way washer pump, front and rear (677) - power feed fuse board (777) - passenger compartment fuse and relay box 2 (1531) - left-hand heated seat control (1514) - left-hand heated seat relay (1649) - right-hand heated seat control (1513) - right-hand heated seat relay (1650) - self-driven alarm siren (442) - multifunction display (653)
F13	STOP	10A	SP17	Fuse: brake light switch (160) - passenger compartment fuse and relay box 2 (1531)

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Allocation of fuses (according to equipment level)

No.	Symbol	Amps	Connection	Description
F14		5A	BPT3	Fuse: front and rear courtesy lights (213-300) - electric door mirror control (134) - courtesy mirrors (541-588) - lights and automatic wiper (1415)
F15		20A	36A	Fuse: rear screen wiper motor (211-645)
F16		15A	BP23	Fuse: anti-theft (104)
F17		30A	BP3	Fuse: door locking by UCH (645)
F18	ALIM UCH	15A	BP77	Fuse: UCH (645)
F19		--	--	Not used
F20		7.5A	15RP	Fuse: front and rear courtesy lights (213-300) - electric door mirror control (134) - courtesy mirrors (541-588)
F21		--	23E	Diode: child safety lock control (135)
A		50A		Relay: + accessories feed

Fuses and Relays

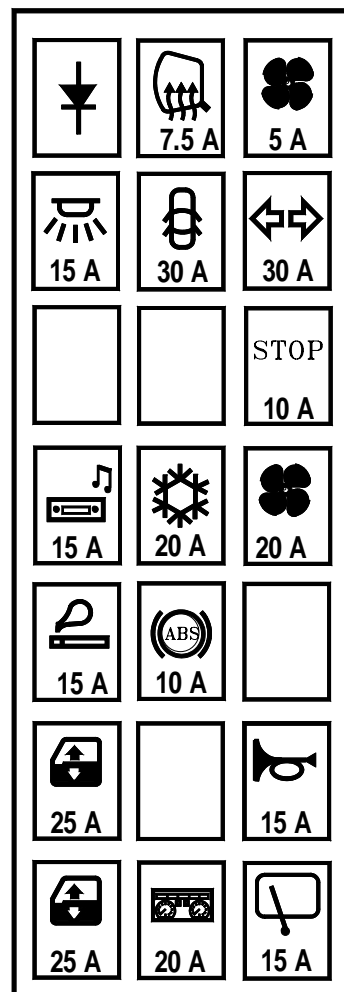
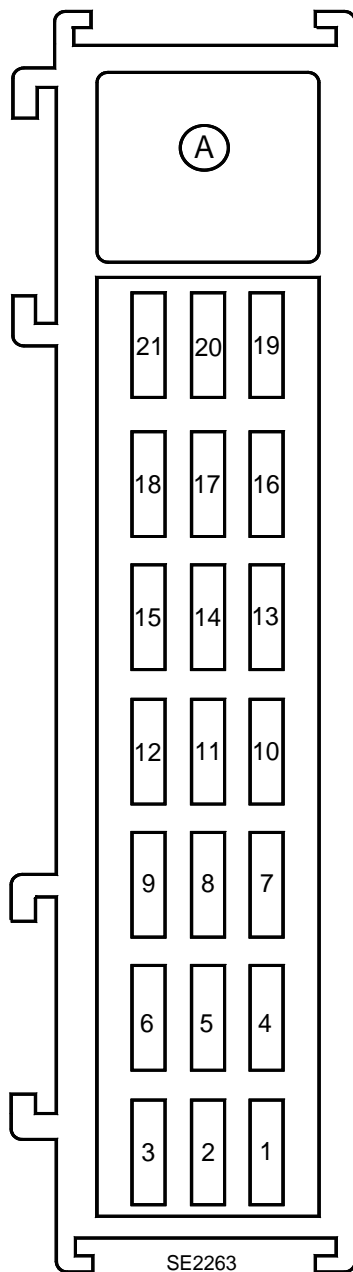
PASSENGER COMPARTMENT FUSE AND RELAY BOX (260) - KEYLESS VEHICLE VERSION

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Location

This unit is located in the dashboard, on the left-hand side of the centre console.

Fuse symbols:












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Allocation of fuses (according to equipment level)

No.	Symbol	Amps	Connection	Description
F1		15A	BP19	Fuse: rear screen wiper motor (211-645)
F2		20A	BP69	Fuse: instrument panel (247) - air conditioning control unit (419) - consumer cut-off fuse unit (710)
F3		25A	BP70	Fuse: passenger electric window motor (204)
F4		15A	BP32	Fuse: main electromagnetic horn (105) - diagnostic socket (225)- driving school control monitor (469)
F5		--	--	Not used
F6		25A	BP55	Fuse: driver's electric window motor (203) - child safety lock control (135)
F7		--	--	Not used
F8		10A	SP15	Fuse: ABS computer (118) - ESP control (1094) cluster sensor (1107) - wheel speed computer (953)
F9		15A	SP4G	Fuse: first row cigarette lighter (101)
F10		20A	SP3	Fuse: passenger compartment blower 1 (1156) on version with manual air conditioning
F11		20A	SP3	Fuse: passenger compartment blower 1 (1156) on version with automatic air conditioning

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Allocation of fuses (according to equipment level)

No.	Symbol	Amps	Connection	Description
F12		15A	SP2	Fuse: radio (261) - air conditioning control unit (419) - air conditioning control panel (319) - steering column switches (1519) - car phone central unit (492) - two-way washer pump, front and rear (677) - power feed fuse board (777) - passenger compartment fuse and relay box 2 (1531) - left-hand heated seat control (1514) - left-hand heated seat relay (1649) - right-hand heated seat control (1513) - right-hand heated seat relay (1650) - self-driven alarm siren (442) - multifunction display (653)
F13	STOP	10A	SP17	Fuse: brake light switch (160) - passenger compartment fuse and relay box 2 (1531)
F14		--	--	Not used
F15		--	--	Not used
F16		30A	BP19	Fuse: direction indicator lights - UCH supply (645)
F17		30A	BP3	Fuse: door locking by UCH (645)
F18		15A	BP77	Fuse: front and rear courtesy lights (213-300) - electric door mirror control (134) - courtesy mirrors (541-588)
F19		--	--	Not used
F20		7.5A	15RP	Fuse: front and rear courtesy lights (213-300) - electric door mirror control (134) - courtesy mirrors (541-588)
F21		--	23E	Diode: child safety lock control (135)
A		50A		Relay: + accessories feed

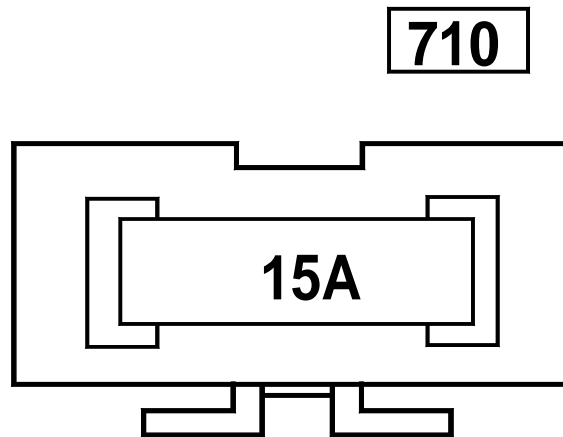
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CONSUMER CUT-OUT FUSE (710)

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Location

The consumer cut-off fuse is mounted on the left-hand side at the bottom of fuse board 260.



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No.	Connection	Amps	Description
710	BCP4	15A	Fuse: consumer cut-out: Radio (261) - Combined clock/external temperature/radio display switch (653) - Car phone central unit (492) - Tyre pressure monitor ECU (851) - self-driven alarm siren (442) - telephone fittings

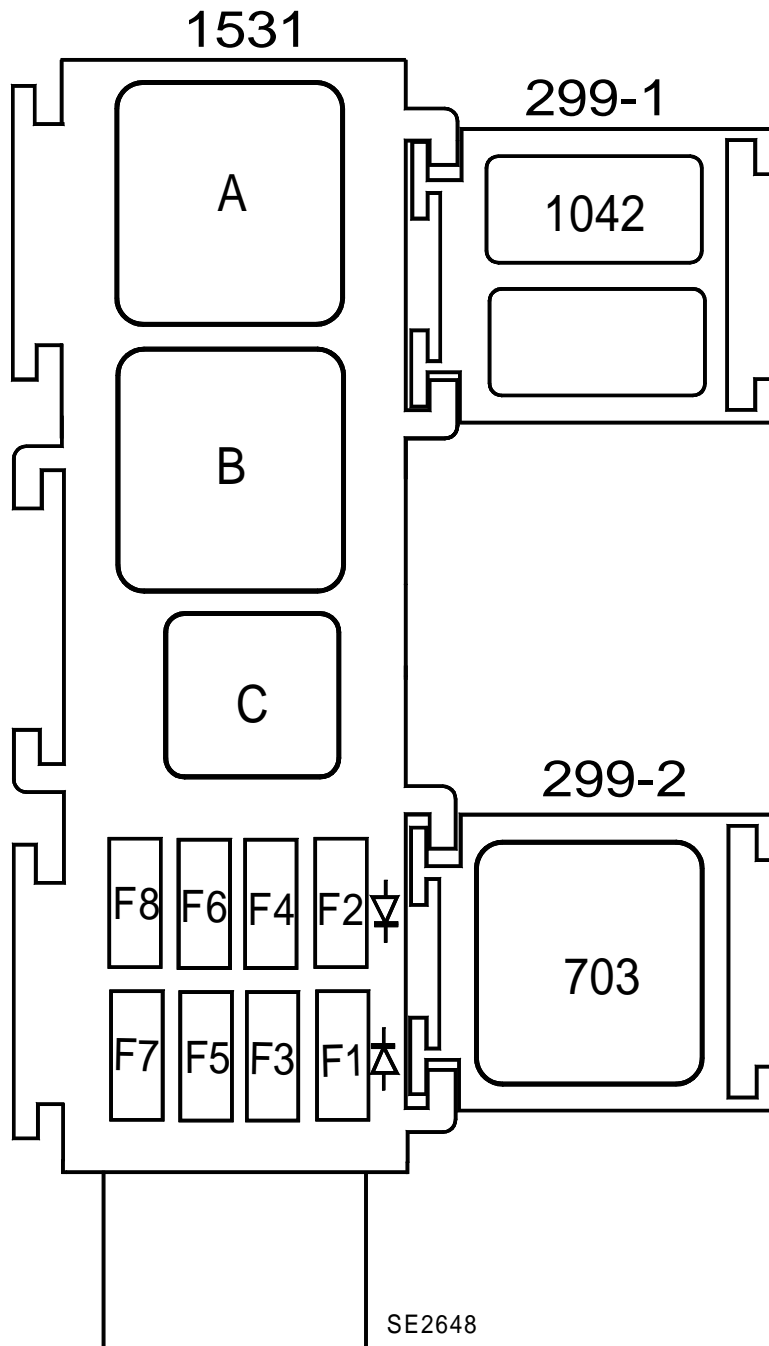
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PASSENGER COMPARTMENT FUSE AND RELAY BOX 2 (1531)

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Location

This unit is secured to the instrument panel cross member, underneath the passenger airbag.



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Allocation of fuses (according to equipment level)

Fuse and relay board (row 3)

No.	Amps	Connection	Description
F1	--	--	Not used
F2	--	--	Not used
F3	--	--	Not used
F4	--	--	Not used
F5	20A	BP48	Fuse: door deadlocking relay feed (relay 1042)
F6	25A	BPR1	Fuse: driver's dual electric window control relay supply (relay 703)
F7	20A	Fuse and relay box 2	Fuse: left-hand heated seat (1514) - right-hand heated seat (1513)
F8	15A	BPR93	Fuse: sunroof ECU (1579)
A	40A		Relay: rear right-hand electric window (130) – rear left-hand electric window (131) – driver's dual rear window control (1511)
B	40A		Relay: rear right-hand electric window (130) – rear left-hand electric window (131) – driver's dual rear window control (1511)
C	20A		Relay: anti-lock braking and electronic stability program electric control unit (1094)
299-1	20A		Relay 1042: driver's door central locking (140) – passenger door central locking (141)
299-2	40A		Relay 703: driver's one-touch electric window switch (1512)

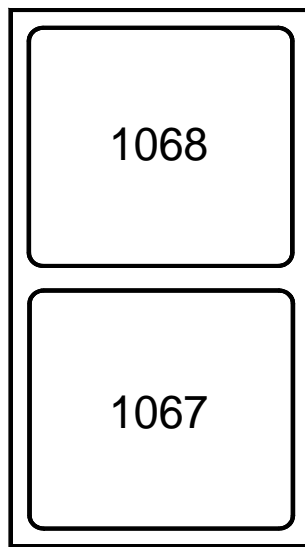
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RELAY BOARD (1173) - ADDITIONAL HEATER

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Location

This unit is located under the dashboard on the left-hand side of the passenger compartment blower unit.



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Allocation of relays (depending on equipment level)

900 Watt version

No.	Amps	Description
1067	35A	Relay: auxiliary heater 1
1068	50A	Relay: auxiliary heater 2

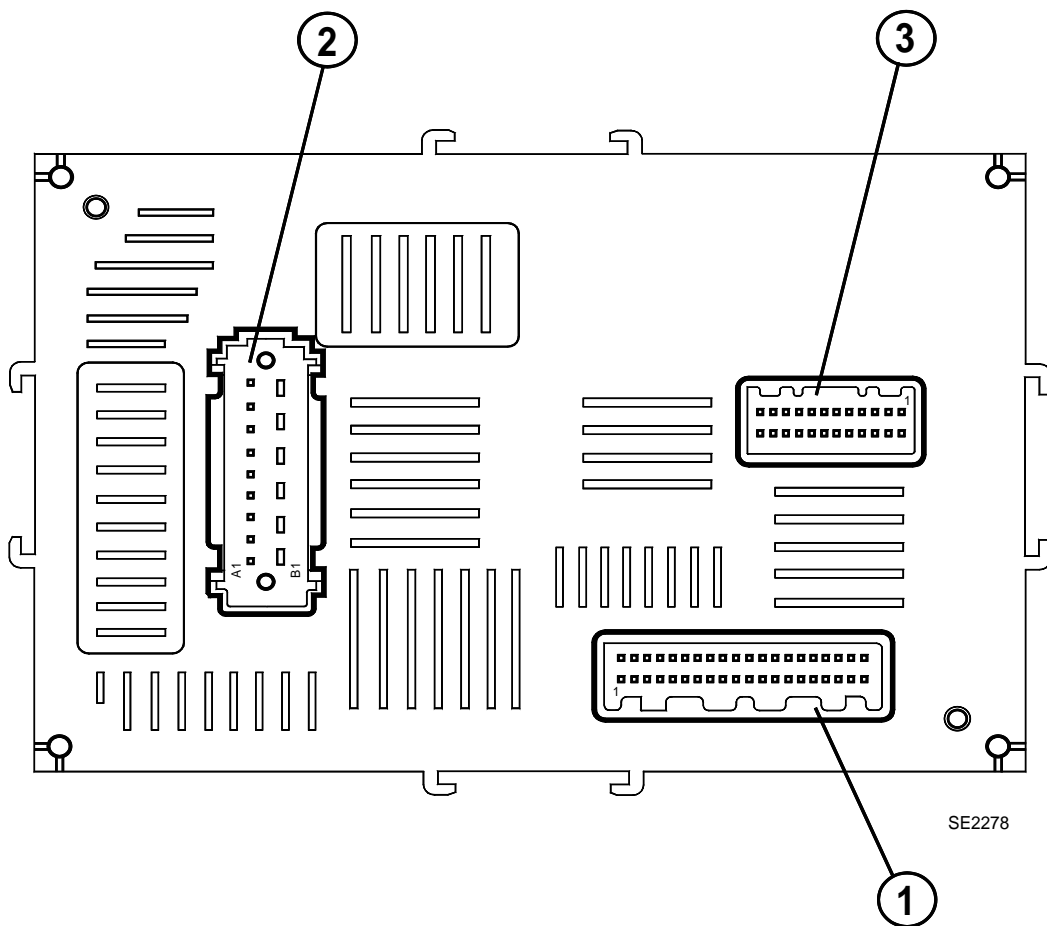
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PASSENGER COMPARTMENT CENTRAL UNIT (645) - VEHICLE WITH KEY VERSION

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Location

This unit is located in the lower left-hand section of the dashboard.



Fuses and Relays

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Allocation (according to equipment level)

Mark 1: 40-track connector **WHITE**

Track	Connection	Description
1	20Z	Front Deadlocking relay control
2	NAM	Left-hand A-pillar electronic earth
3	S	+ Accessories feed
4	15M	Heated rear screen relay - control
5	20G	Tailgate motor opening control
6	20AW	One-touch door locking/unlocking control
7	141P	Column-mounted information display control column 5 signal
8	141M	Column-mounted information display control column 3 signal
9	141K	Column-mounted information display control column 1 signal
10	87T	Rear luggage compartment door position 1 switch signal
11	15A	Rear screen de-icing indicator light control
12	--	Not in use
13	141B	Column-mounted information display control line 1 signal
14	141D	Column-mounted information display control line 3 signal
15	141H	Column-mounted information display control line 5 signal
16	24A	Rear screen washer pump + control feed
17	16A	Windscreen washer pump + control feed
18	--	Not in use
19	133B	Instrument panel > UCH CAN H signal
20	--	Not in use

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Allocation (according to equipment level)

Mark 1: 40-track connector **WHITE**

Track	Connection	Description
21	13E	Courtesy light > Timer - control
22	BP77	+ Protected battery > Passenger compartment ECU feed
23	36C	Rear screen wiper park position switch - signal
24	A	+ After ignition feed
25	--	Not in use
26	64Q	Central flasher unit timer control
27	141N	Column-mounted information display control column 4 signal
28	141L	Column-mounted information display control column 2 signal
29	87H	Driver's position 1 signal switch
30	87G	Passenger position 1 switch - signal
31	38ES	Air conditioning / indicator light control
32	20M	Door locking LED
33	141C	Column-mounted information display control line 2 signal
34	141G	Column-mounted information display control line 4 signal
35	47D	Exterior temperature sensor 0 V signal
36	47C	External air temperature sensor + signal feed
37	64F	Hazard warning lights indicator light + control feed
38	80X	Transponder aerial bus signal
39	133C	Instrument panel > ECU CAN L signal
40	--	Not in use

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Allocation (according to equipment level)

Mark 2: 15-track connector (BLACK MODULE BASE)

BLACK MODULE		
Track	Connection	Description
A1	64C	Left-hand direction indicator control
A2	64D	Right-hand direction indicator control
A3	20BD	Passenger front / rear door opening motors control
A4	20S	Tailgate opening motor authorised supply
A5	9P	Protected + rear fog light feed
A6	MK	Left-hand A-pillar electrical earth
A7	36G	Relayed + rear screen wiper control feed
A8	BP6	Protected + battery > courtesy light feed
A9	BPT	Protected + battery > Timer feed
TRANSPARENT MODULE		
Track	Connection	Description
B1	BP19	Protected + battery > central flasher unit timer feed
B2	20AR	Deadlocking motor control
B3	20BC	Driver's door and fuel tank flap opening motor control
B4	20D	Central door locking closing + control
B5	--	Not in use
B6	BP3	Electric door locking protected battery + feed

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Allocation (according to equipment level)

Mark 3: 24-track connector **WHITE**

Track	Connection	Description
1	--	Not in use
2	--	Not in use
3	--	Not in use
4	--	Not in use
5	65A or 65G	+ brake lights control feed Brake light > relay control
6	21K	Anti-pinch sunroof electric window serial line signal
7	80T	Software lock indicator light - control
8	D	+ Starting
9	23E	Rear locking functions relay coil control
10	38LQ	Fan assembly 0 speed signal
11	--	Not in use
12	38JV	Positive temperature coefficient control relay 2
13	--	Not in use
14	--	Not in use
15	--	Not in use
16	--	Not in use
17	20T	Child safety LED - control feed
18	20U	Rear left-hand door deadlocking / signal
19	87A	Left-hand rear position 1 switch - signal
20	87B	Right-hand rear position 1 switch - signal
21	38LP	Air conditioning on/off control
22	20V	Rear right-hand door deadlocking / signal
23	14S	Rain sensor serial line signal
24	38JU	Positive temperature coefficient control relay 1

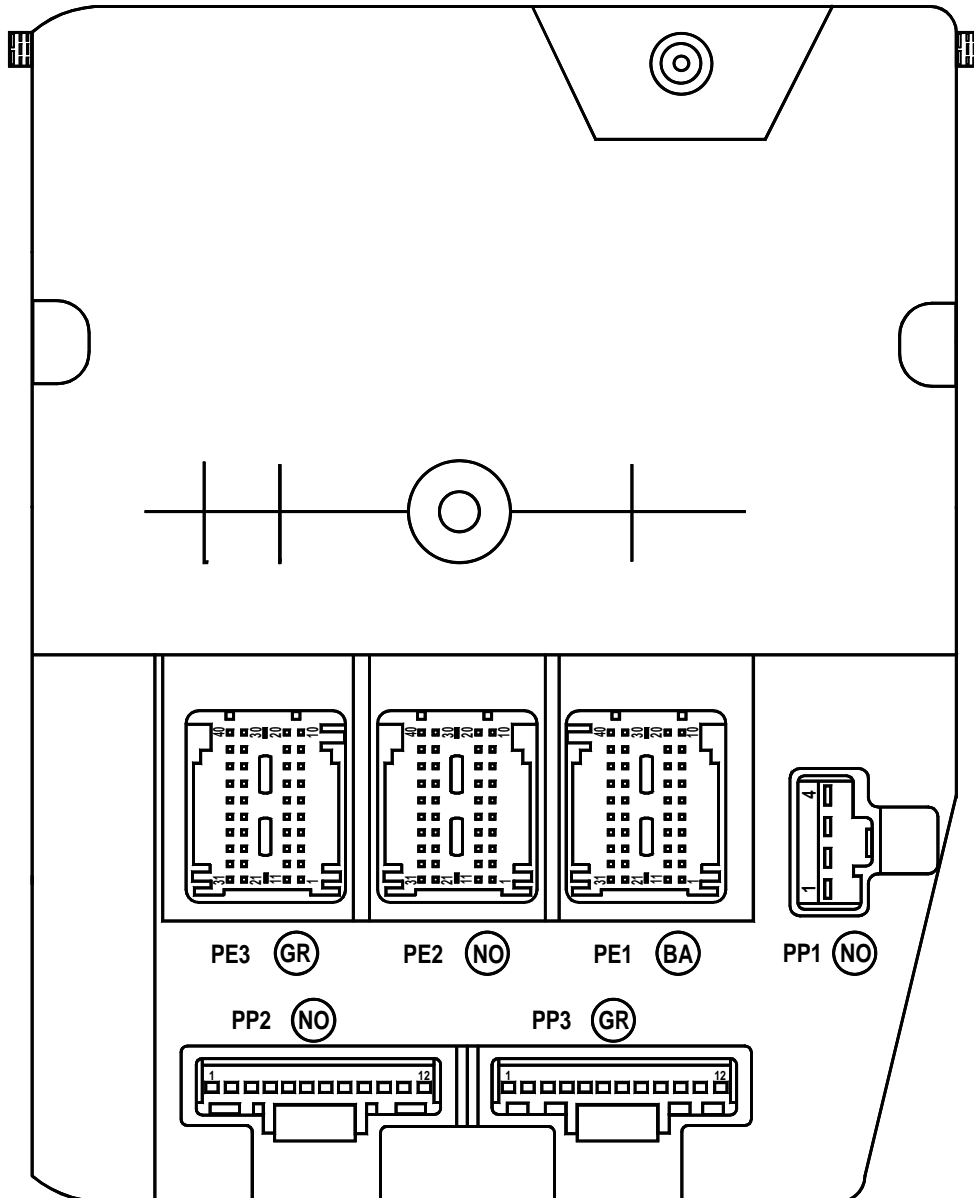
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PASSENGER COMPARTMENT CENTRAL UNIT (645) - KEYLESS VEHICLE VERSION

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Location

This unit is located in the passenger compartment, in the lower left-hand section of the dashboard.



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Allocation (according to equipment level)

PE1 (40-track connector) **WHITE MODULE BASE**

BROWN MODULE		
Track	Connection	Description
1	26J	Safety Hall sensor - control feed
2	--	Not in use
3	64F	Hazard warning lights indicator light + control feed
4	26BC	Card Location LED Control
5	26X	Clutch - signal
6	20AW	One-touch door locking/unlocking control
7	26N	Engine start/stop + signal feed
8	87T	Rear luggage compartment door position 1 switch signal
9	20T	Child safety LED - control feed
10	--	Not in use
11	23E	Child safety lock control
12	16A	Windscreen washer pump + control feed
13	26M	Engine running indicator light control
14	20M	Door locking LED
15	87G	Passenger position 1 switch signal
16	87B	Right-hand rear position 1 switch - signal
17	87H	Driver's position 1 signal switch
18	--	Not in use
19	87A	Left-hand rear position 1 switch - signal
20	20V	Rear right-hand door deadlocking / signal

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Allocation (according to equipment level)

PE1 (40-track connector) **WHITE MODULE BASE**

GREEN MODULE		
Track	Connection	Description
21	--	Not in use
22	--	Not in use
23	--	Not in use
24	--	Not in use
25	20U	Rear left-hand door deadlocking / signal
26	--	Not in use
27	--	Not in use
28	--	Not in use
29	--	Not in use
30	--	Not in use
31	--	Not in use
32	--	Not in use
33	--	Not in use
34	--	Not in use
35	--	Not in use
36	--	Not in use
37	--	Not in use
38	--	Not in use
39	--	Not in use
40	--	Not in use

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Allocation (according to equipment level)

PE2 (40-track connector) **BLACK MODULE BASE**

BROWN MODULE		
Track	Connection	Description
1	14S	Rain sensor serial line signal
2	141H	Column-mounted information display control line 5 signal
3	47C	External air temperature sensor + signal feed
4	141D	Column-mounted information display control line 3 signal
5	141N	Column-mounted information display control column 4 signal
6	--	Not in use
7	21K	Anti-pinch sunroof electric window serial line signal
8	133B	Instrument panel > ECU CAN H signal
9	141K	Column-mounted information display control column 1 signal
10	26AZ	Keyless vehicle steering column lock CAN H signal
11	141G	Column-mounted information display control line 4 signal
12	141C	Column-mounted information display control line 2 signal
13	47D	External temperature sensor 0V signal
14	141B	Column-mounted information display control line 1 signal
15	141L	Column-mounted information display control column 2 signal
16	--	Not in use
17	141M	Column-mounted information display control column 3 signal
18	133C	Instrument panel > ECU CAN L signal
19	141P	Column-mounted information display control column 5 signal
20	26BA	Keyless vehicle steering column lock CAN L signal

Fuses and Relays

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Allocation (according to equipment level)

PE2 (40-track connector) **BLACK MODULE BASE**

GREEN MODULE		
Track	Connection	Description
21	26BH	+ Card reader
22	38JV	PTC (Positive Temperature Coefficient ceramic) relay control 2
23	--	Not in use
24	15M	Heated rear screen relay - control
25	26BK	- Card reader
26	38ES	Air conditioning indicator light - control
27	65A/65G	Brake light + control feed/Brake light control > relay
28	24A	Rear screen washer pump + control feed
29	80T	Software lock indicator light - control
30	38LP	Air conditioning on/off control
31	--	Not in use
32	38LQ	Fan unit speed 0 signal
33	38JU	PTC (Positive Temperature Coefficient ceramic) no. 1 relay control
34	S2	Accessories relay control
35	64Q	Central flasher unit timer - control feed
36	5A	Brake pedal switch + signal supply
37	36C	Rear screen wiper park position switch - signal
38	15A	Heated rear screen indicator light control
39	26BG	Card reader/UCH data signal
40	26BD	Card reader/UCH synchronisation signal

Fuses and Relays

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Allocation (according to equipment level)

PE3 (40-track connector) **GREY MODULE BASE**

BROWN MODULE		
Track	Connection	Description
1	--	Not in use
2	--	Not in use
3	26P	+ Door handle infrared sensor feed
4	26AR	Level 2 keyless vehicle luggage compartment lid switch/locking signal
5	20G	Tailgate motor opening control
6	26AQ	Keyless vehicle passenger side door switch/locking signal
7	--	Not in use
8	--	Not in use
9	--	Not in use
10	--	Not in use
11	--	Not in use
12	--	Not in use
13	--	Not in use
14	--	Not in use
15	--	Not in use
16	--	Not in use
17	--	Not in use
18	--	Not in use
19	--	Not in use
20	--	Not in use

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Allocation (according to equipment level)

PE3 (40-track connector) **GREY MODULE BASE**

GREEN MODULE		
Track	Connection	Description
21	26T	Driver's door handle infrared sensor signal
22	26S	Driver's side rear handle infrared sensor signal
23	26Q	Passenger side door handles infrared sensor signal
24	26AU	Keyless vehicle internal aerial 1 signal 2
25	26AT	Keyless vehicle internal aerial 1 signal 1
26	26AY	Keyless vehicle internal aerial 3 signal 2
27	26AB	Keyless vehicle driver's door external aerial signal B
28	26AH	Keyless vehicle driver's side rear door aerial signal B
29	26AN	Keyless vehicle luggage compartment lid external aerial signal 2
30	26AP	Keyless vehicle driver's side doors switch/locking signal
31	26AD	Keyless vehicle right-hand front door external aerial signal 2
32	26AL	Keyless vehicle rear passenger door aerial signal B
33	26AK	Keyless vehicle passenger rear door external aerial signal A
34	26AC	Keyless vehicle front passenger door external aerial signal A
35	26AW	Keyless vehicle internal aerial 2 signal 2
36	26AV	Keyless vehicle internal aerial 2 signal 1
37	26AX	Keyless vehicle internal aerial 3 signal 1
38	26AG	Keyless vehicle driver's side rear door external aerial signal A
39	26AA	Keyless vehicle driver's door external aerial signal A
40	26AM	Keyless vehicle boot lid external aerial signal A

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Allocation (according to equipment level)

PP1 (4-track connector) **BLACK**

Track	Connection	Description
1	MK	Left-hand A-pillar electrical earth
2	--	Not in use
3	BP77	+ Protected battery > Passenger compartment ECU feed
4	BP19	Protected + battery > central flasher unit timer feed

PP2 (12-track connector) **BLACK**

Track	Connection	Description
1	26I	+ Column lock feed
2	APCB	Protected + after ignition feed/Column lock normally closed contact fuse
3	36A	Rear screen wiper + control feed
4	BP25	Rear screen wiper protected + battery feed
5	20BH	Fuel filler flap/Driver's door locking motors control
6	20BC	Fuel filler flap/Driver's door opening motors control
7	20BK	Rear doors/Passenger door locking motors control
8	20BD	Front/rear passenger door opening motors control
9	BP3	Electric door locking protected battery + feed
10	20X	Front deadlocking motor control
11	20W	Rear deadlocking motor control
12	--	Not in use

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Allocation (according to equipment level)

PP3 (12-track connector) **GREY**

Track	Connection	Description
1	13E	Courtesy light - control > Timer
2	NAM	Left-hand A-pillar electronic earth
3	BPT	Timer protected + battery feed
4	64C	Left-hand indicator lights control
5	64D	Right-hand indicator lights control
6	9P	Protected + rear fog lights control feed
7	20S	Tailgate opening motor authorised supply
8	--	Not in use
9	BPT3	Protected + battery / timed relay
10	13AC	Lighting timer unit + control supply
11	--	Not in use
12	--	Not in use

Fuses and Relays

PROTECTION AND SWITCHING UNIT (1337) - FUSES AND RELAYS

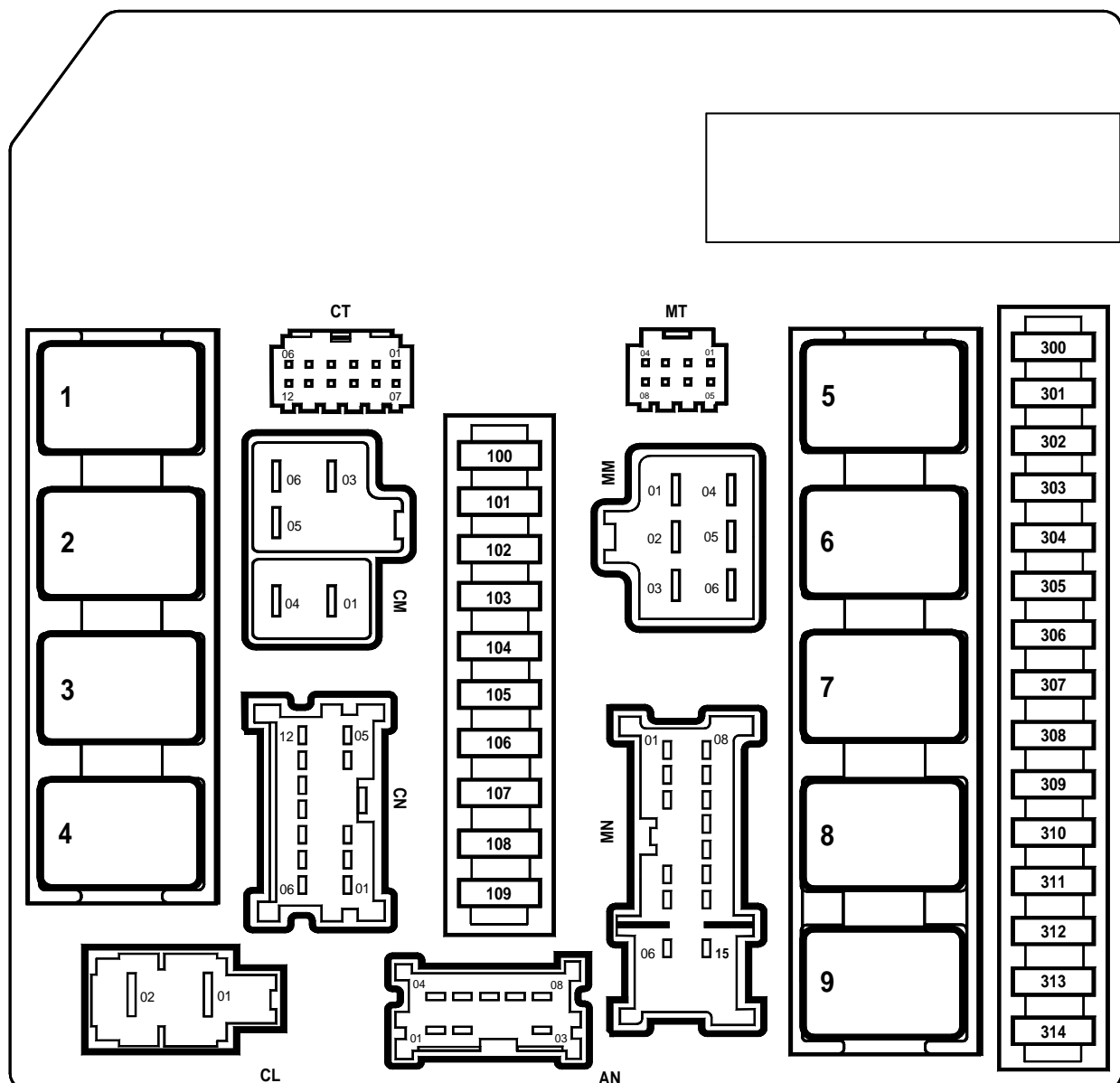
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Location

This unit is located in the engine compartment, behind the left-hand headlight.

WARNING:

The **soldered relays** on the protection and switching unit should not be removed or replaced. Risk of **DESTROYING** the device.



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Fuses and Relays

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Allocation of fuses (according to equipment level)

No.	Amps	Connection	Description
100	25A	BP14	Fuse: ABS computer (118) or ESP (1094) (On connector CM track 5)
101	--	--	Not used
102	10A	RPD	Fuse: right-hand main beam headlight (226) (On connector AN track 8)
103	10A	RPG	Fuse: left-hand main beam headlight (227) (On connector AN track 7)
104	10A	LPD and LPDA	Fuse: right-hand headlight connection to AN connector track 01: <ul style="list-style-type: none"> • Right-hand side light (226) Rear right-hand light connection on CN connector track 04: <ul style="list-style-type: none"> • Rear right-hand light (172) • multifunction display (653) • Electronic stability programme on/off button (1106) • Rear right-hand electric window control (130) • Climate control control panel (319) • air conditioning control unit (419) • central door locking switch (1391) • cruise control and speed limiter on/off control (1081) On right-hand drive version: <ul style="list-style-type: none"> • Driver's dual rear electric window control (1511) • child safety lock control (135) • Driver's dual front electric window control (1512) • electric door mirror control (134) • Passenger electric window control (133)

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Allocation of fuses (according to equipment level)

No.	Amps	Connection	Description
105	10A	LPG and Rear left-hand light connection	Fuse: left-hand headlight connection on AN connector track 05: <ul style="list-style-type: none"> • left-hand side light (227) Rear left-hand light connection on CN connector track 05: <ul style="list-style-type: none"> • Rear left-hand light (173) • parking proximity sensor switch (1440) • Right-hand license plate light (166) • Left-hand license plate light (167) • First row cigarette lighter (101) • headlight height adjustment control (562) • Rear left-hand electric window control (131) • radio (261) • poor traction control (755) On left-hand drive version: <ul style="list-style-type: none"> • Driver's dual rear electric window control (1511) • child safety lock control (135) • Driver's dual front electric window control (1512) • electric door mirror control (134) • Passenger electric window control (133)

Fuses and Relays

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Allocation of fuses (according to equipment level)

No.	Amps	Connection	Description
106	15A	AP10	(On CM connector track 1 and CN track 11) Fuse: shift pattern control (129) - protection and switching unit (1337) - additional heater relay (1067-1068) - cruise control / speed limiter on / off control / (1081) power assisted steering (1232) / gear lever display (1129) diagnostic socket (225) - hands-free kit (251) - radio telephone central unit (492) - driving school monitor control (469) - central unit Tyre pressure monitor (851) /central unit discharge bulbs (989)
107	20A	(internal)	Fuse: windscreen wiper motor (212)
108	15A	CPD	Fuse: right-hand headlight (226) - right-hand headlight correction motor (538) (On connector AN track 6)
109	15A	CPG	Fuse: left-hand headlight (227) - left-hand headlight corrector motor (537) (On connector AN track 4)
300	10A	(internal)	Fuse: air conditioning compressor clutch (171)
301	--	--	Not in use
302	25A	(internal)	Fuse: starter motor solenoid (163)

Fuses and Relays

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Allocation of fuses (according to equipment level)

No.	Amps	Connection	Description
303	20A	BP39 or BP42	(On connector MN track 8) Fuse: + protected automatic clutch computer battery feed (119) or Fuse: + protected automatic gearbox computer battery feed (119)
304	--	--	Not in use
305	15A	(internal)	Fuse: heated rear screen (200)
306	15A	BP20	Fuse: headlight washer pump relay supply (relays A and B on board 777) (On connector CM track 6)
307	5A	AP4	Fuse: automatic gearbox computer + after ignition feed (119) (On connector MN track 12)
308	--	--	Not in use
309	10A	AP11	Fuse: reversing lights (172) (On connector MN tracks 10 and 14)
310	20A	(internal)	Fuse: ignition coils feed (1079-1080)
311	20A	(internal)	Fuse: + protected injection computer battery feed (120)
312	10A	AP25	Fuse: airbag and pretensioner computer + after ignition feed (756) (On connector CN track 6)
313	10A	AP15	Fuse: injection computer + after ignition feed (120) - electric steering column lock (1088) (On connector CN track 7)
314	20A	8F - 8E	Fuse: front left and right-hand fog lights (176-177) (Connection 8F on connector AN track 2 and Connection 8E on connection AN track 3)

Fuses and Relays

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Allocation of fuses (according to equipment level)

No.	Description
1	Relay: heated rear screen
2	Relay: injection locking
3	Relay: dipped beam headlights
4	Relay: front fog light
5	Relay: starter
6	Not used
7	Relay: engine cooling fan assembly high-speed
8	Relay: engine cooling fan assembly low-speed
9	Relay + after ignition feed

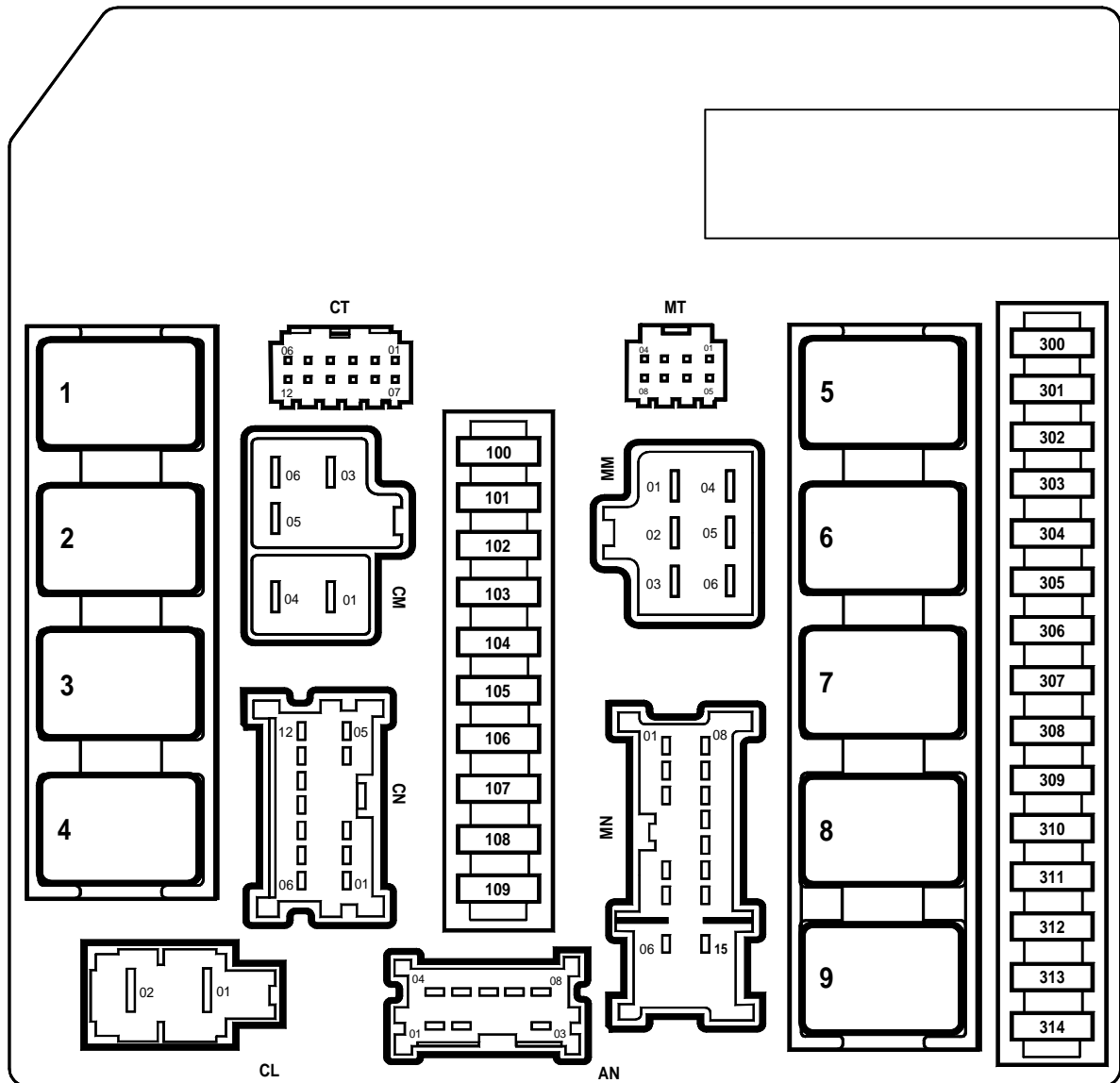
Fuses and Relays

PROTECTION AND SWITCHING UNIT (1337) - CONNECTORS

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Location

This unit is located in the engine compartment, behind the left-hand headlight.



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Fuses and Relays

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Allocation (according to equipment level)

CL (2-track connector) **BLACK**

Track	Connection	Description
1	BP13	+ protected battery > passenger compartment 3 feed
2	BPS1	Safety + protected battery

CM (6-track connector) **BLACK**

Track	Connection	Description
1	AP10	+ Protected brake light fuse after ignition feed
2	--	Not in use
3	MAS	Left-hand front side member electronic earth
4	15LP	+ Protected rear screen heating control feed
5	BP14	+ Protected battery > ABS system feed
6	BP20	+ Protected battery headlight washer feed

CN (12-track connector) **BROWN**

Track	Connection	Description
1	3N	+ Fuel pump
2	66H	reversing lights / engine protection unit
3	103B	+ actuator (headlight adjustment control) feed
4	LPDA	+ Protected right-hand side light
5	Rear left-hand light connection	+ Protected left-hand side light feed
6	AP25	+ protected after ignition airbag fuse feed
7	AP15	Engine function fuse protected + after ignition feed
8	14L	+ Windscreen wiper high-speed timer control feed
9	14K	+ Windscreen wiper low-speed timer control feed
10	APCB	Protected + after ignition feed/Column lock normally closed contact fuse
11	AP10	+ Protected brake light fuse after ignition feed
12	164A	Fixed cornering light supply

Fuses and Relays

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Allocation (according to equipment level)

CT(12-track connector) **WHITE**

Track	Connection	Description
1	39G	Headlight washer relay 1 + control feed
2	14M	Front wiper park position control > Computer
3	MAS	Left-hand front side member electronic earth
4	4DM	ABS CAN HIGH signal
5	133B	Instrument panel > UCH CAN H signal
6	3SM	ENGINE 2 CAN H SIGNAL
7	39H	Headlight washer relay 2 + control feed
8	32C	Oil level sensor > engine protection unit signal 2
9	32D	Oil level sensor > engine protection unit signal 1
10	133C	Instrument panel > ECU CAN L signal
11	4DN	ABS CAN L signal
12	3SN	ENGINE 2 CAN L SIGNAL

AN (8-track connector) **BROWN**

Track	Connection	Description
1	LPD	+ Protected right-hand side light
2	8E	+ Left-hand front fog light > Resistor feed
3	8F	+ Right-hand front fog light > Resistor feed
4	CPG	+ Protected left-hand dipped headlight feed
5	LPG	+ Protected left-hand side light feed
6	CPD	Protected + right-hand dipped headlight feed
7	RPG	+ Left-hand protected main beam headlight
8	RPD	+ Right-hand protected main beam headlight

Fuses and Relays

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Allocation (according to equipment level)

MT (8-track connector) **WHITE**

Track	Connection	Description
1	28A	Oil pressure warning light - Control
2	--	Not in use
3	--	Not in use
4	2N	Alternator sequenced bit signal
5	3AC or 3AHA	Fuel pump relay coil - control Exhaust fuel pump relay coil control on K9K772
6	MAT	Coil earth relay (fixed cornering light)
7	32B	Oil level sensor signal 1
8	32A	Oil level sensor signal 2

MM (6-track connector) **WHITE**

Track	Connection	Description
1	1A	+ starter solenoid > control relay feed
2	49B	Fan assembly + control feed
3	--	Not in use
4	BP7	+ protected battery > engine cooling fan fuse 1 feed
5	--	Not in use
6	49R	High-speed fan assembly

Fuses and Relays

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Allocation (according to equipment level)

MN (16-track connector) **WHITE**

Track	Connection	Description
1	3FB1	+ Injection > Protective relay
2	3FB2	+ Injection > Protective relay
3	26Z	Automatic gearbox neutral + signal feed
4	66C	+ reversing lights fuse control feed
5	3AA	- injection locking relay coil control
6	3BS or 3N	Ignition coil control or + Fuel pump
7	--	Not in use
8	BP39 or BP42	+ Protected battery > automatic clutch computer feed or + Protected battery > automatic gearbox computer
9	38R	+ air conditioning clutch control feed
10	AP11	+ Protected reversing lights fuse after ignition feed
11	--	Not in use
12	AP4	+ Protected automatic gearbox fuse after ignition feed
13	--	Not in use
14	AP11	+ Protected reversing lights fuse after ignition feed
15	BP44	+ Protected battery > injector power feed
16	--	Not in use

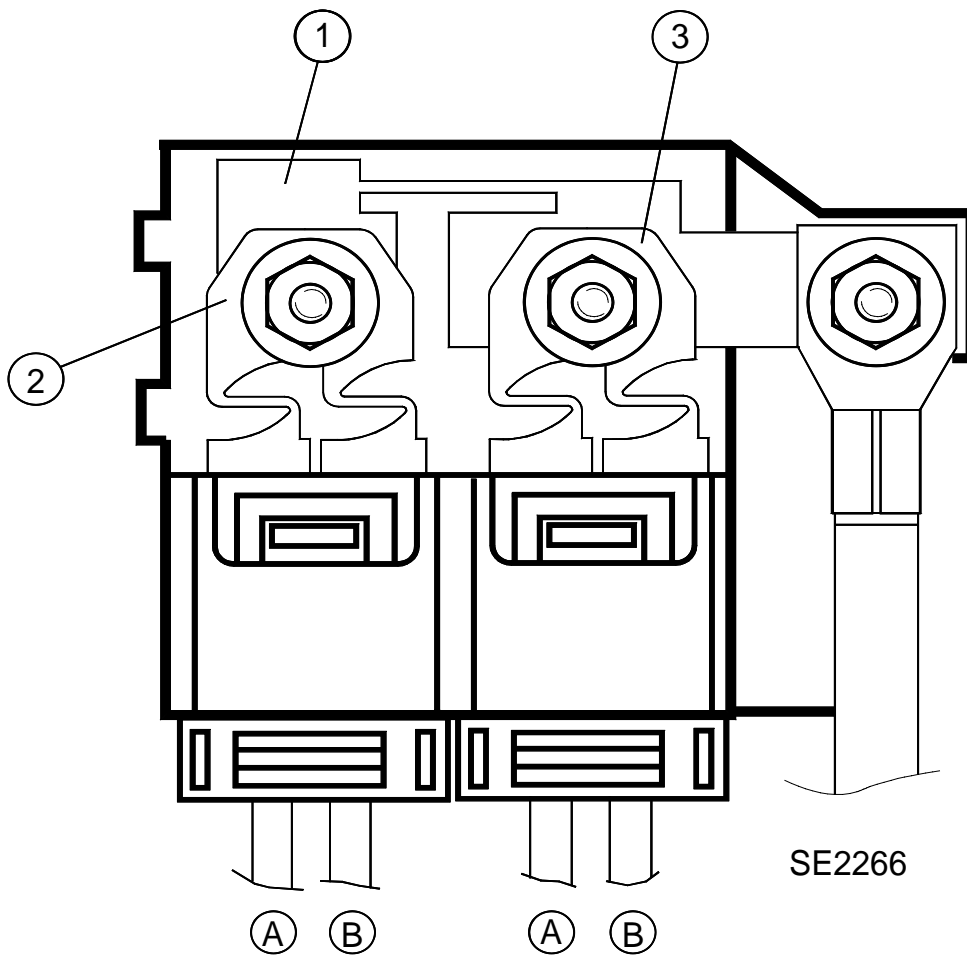
Fuses and Relays

PROTECTED POSITIVE BATTERY UNIT (1033)

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Location

This unit is located on the positive battery terminal.



Fuses and Relays

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Main fuse (mark 1)

Rating	Connection	Description
Rating 2 or Rating 3	BPDA	Fuse: fuse inputs F2 to F8 feed on power supply fuse board (777) - starter (163) - alternator (103) - supply to fuses marked 2 and 3 on protected battery unit (1033) * Rating 2: on K4J, K4M, F4R and D4F engines. * Rating 3: on K9K and M4R engines.

Fuse marked 2 (BLUE connector)

Track	Amps	Connection	Description
A	70A	BPS1	Fuse: supply input fuses F16, F17 and F18 on passenger compartment fuse and relay box (260) - protection and switching unit (1337) - supply input fuse F1 on power supply board 777
B	60A	BP81	Fuse: electric power assisted steering system (1232)

Fuse marked 3 (GREEN connector)

Track	Amps	Connection	Description
A	70A	BP12	Fuse: supply input fuses F1, F2, F4, F5, F6, F20 and accessories relay on passenger compartment fuse and relay board (260)
B	60A	BP13	Fuse: protection and switching unit (1337)

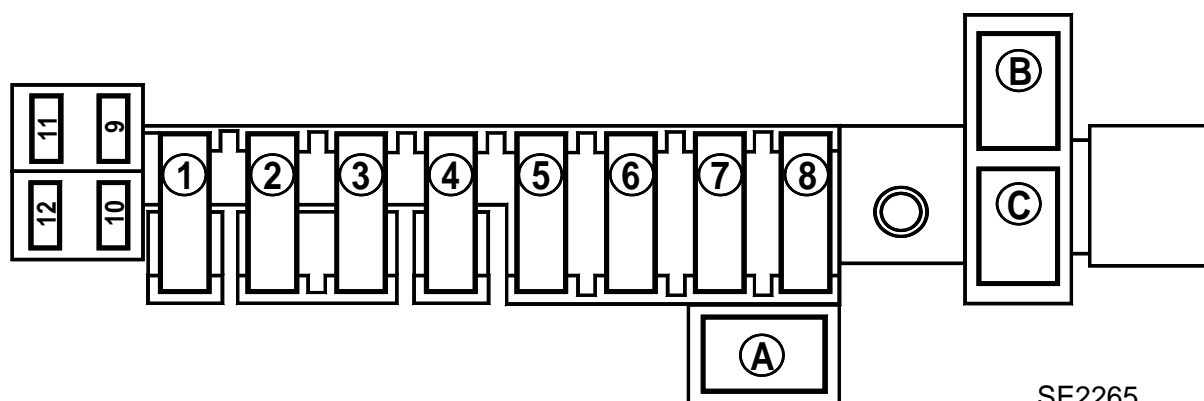
Fuses and Relays

POWER FEED FUSE BOARD (777)

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Location

This unit is located on the front side of the battery tray.



Allocation of fuses (according to equipment level)

No.	Amps	Connection	Description
F1	--	--	Not used
F2	30A or 70A	BP36 or BP35	30 amp fuse: sequential gearbox pump assembly relay (762) on D4F746 engine with sequential gearbox or Fuse: preheating unit (257) on K9K engines - heating interface unit (1550) on K9K772 engine – ignition coil (108) via relay (1442) on D4F742 engine ethanol * 20 amps for D4F742 engine * 70 amps for K9K engines
F3	30A or 40A	BP7	Fuse: cooling fan and air conditioning (262) * 30 amps on K9K and D4F engines with sequential gearbox * 40 amps for "very hot" engines.

Fuses and Relays

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Allocation of fuses (according to equipment level)

No.	Amps	Connection	Description
F4	30A or 40A Or 50A	BP7 or BP36	Fuse: air conditioning and cooling fan assembly (262) for K4M, K4J, F4R and D4F engines except versions with sequential gearbox * 30 amps for countries with a temperate climate. * 40 amps for countries with a very hot climate. * 50 amps for countries with a "very hot" climate. For M4R engines or 30 amp fuse: sequential gearbox pump assembly relay (762) on K9K engine with sequential gearbox
F5	50A	BP11	Fuse: F12 fuse input feed (777) - fuses F1, F2, F3, F4 input feeds on passenger compartment fuse and relay box 2 (1531)
F6	80A	BP9	Fuse: passenger compartment auxiliary heater (1113)
F7	--	--	Not in use
F8	50A	BP8	Fuse: ABS computer (118 - 1094)
F9	--	--	Not in use
F10	--	--	Not in use
F11	--	--	Not in use
F12	--	--	Not in use
A	20A		Relay headlight washer pump
B	20A		Relay headlight washer pump
C	--		Not in use

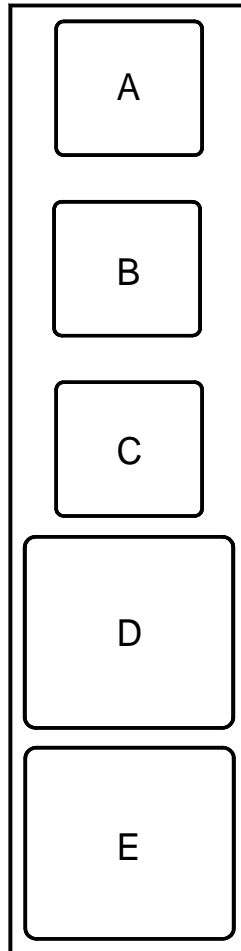
Fuses and Relays

ENGINE RELAY PLATE (597)

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Location

This unit is secured to the front of the battery tray.



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Fuses and Relays

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Allocation of relays (depending on equipment level)

No.	Amps	Description
A	20A	Micro relay: turbo bearing coolant pump (573) on K9K764 and K9K772 engines
B	20A	Micro relay: throttle valve motor (1534) on M4R engine
C	20A	Relay: ignition coils (1442) on D4F 742 Ethanol engine
D	50A	Relay: air conditioning and cooling fan assembly (234) except F4R830 engines
E	50A	Relay: sequential gearbox pump assembly (762) on D4F764/784 and K9K760/766 engines or Relay: air conditioning and cooling fan assembly for F4R830 engines