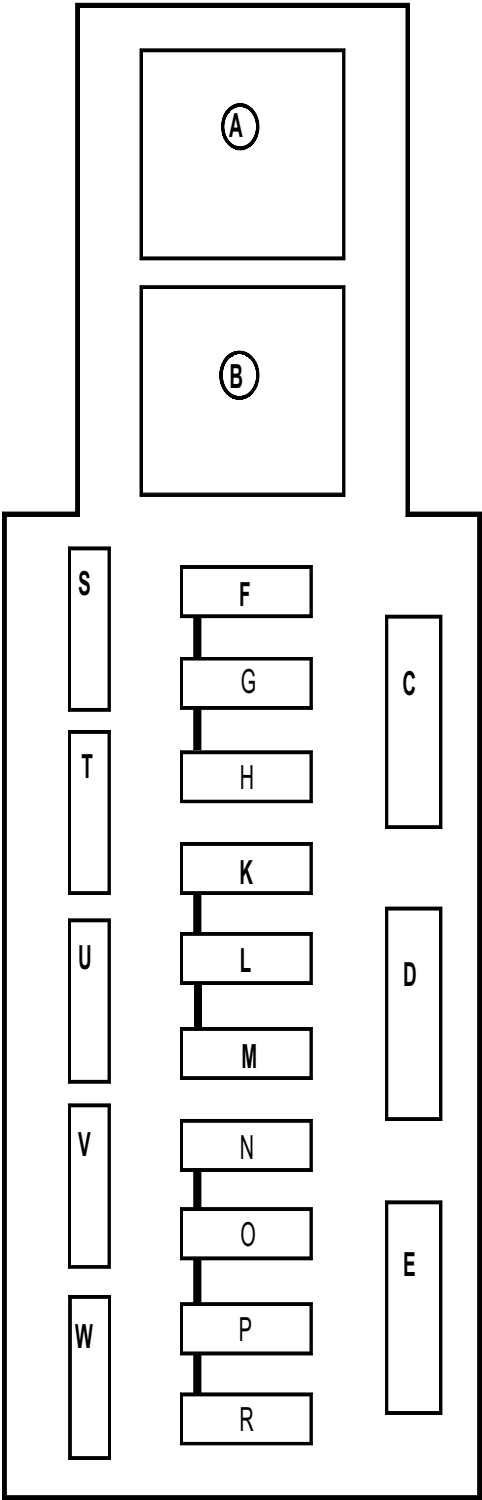


# Fuses and Relays

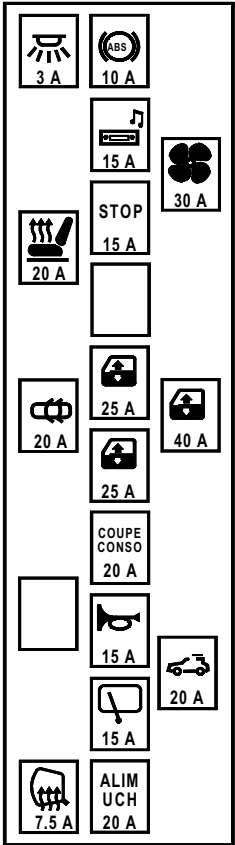
## PASSENGER COMPARTMENT FUSE AND RELAY BOX (260)

location

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












SE2158



SE2157





# Fuses and Relays

Allocation of fuses and relays (according to equipment level)

No.	Symbol	Amps	Connection	Description
C		30A	SP3	<b>Fuse:</b> passenger compartment ventilation (319)
D		40A	BP87 or BP48	<b>Fuse:</b> rear electric windows (201-202) or electric windows relay (703).
E		20A	BP93	<b>Fuse:</b> electric opening roof (304)
F		10A	SP15	<b>Fuse:</b> ABS computer (118) or Electronic Stability Program (1094)
G		15A	SP2	<b>Fuse:</b> radio (261)- multi-function display (653)- headlight washer pump relay (753)- headlight washer pump relay 2 (1338)- front row cigarette lighter (101)- driver's and passenger heated seat (385-386)- front and rear window washer bi-directional pump (677)- diesel heater relay (450)- air conditioning control panel (319)- air conditioning control unit (419)- retractable rigid sunroof computer (1476)- interior rear-view mirror (1340)- CCU (1125)- Alarm central unit (427)-
H		15A	SP17	<b>Fuse:</b> brake lights (160-1524)
K		--	--	Not in use
L		25A	BP55	<b>Fuse:</b> driver's window (203)
M		25A	BP70	<b>Fuse:</b> passenger electric window (204) - electric windows relay (703).
N	COUPE	20A	BCP3	<b>Consumer cut-out fuse:</b> <ul style="list-style-type: none"> <li>- instrument panel (247)</li> <li>- radio (261)</li> <li>- multifunction display (653)</li> <li>- electric door mirror switch (134)</li> <li>- alarm control unit (427)</li> </ul>
O		15A	BP32	<b>Fuse:</b> main electromagnetic horn (105) - diagnostic socket (225) - headlight washer pump relay (753) - headlight washer pump relay 2 (1338) - retractable rigid roof computer (1476) - driving school monitor control (469)
P		15A	BP25	<b>Fuse:</b> rear screen wiper motor (211)
R	UCH FEED	20A	BP77	<b>Fuse:</b> UCH (645) air conditioning control unit (419)- server relay 1 (1155) (on relay plate 260 mark B)

## Fuses and Relays

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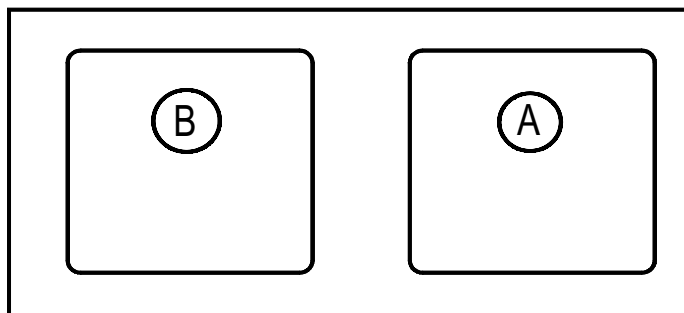
<b>S</b>		3A	AP1A	<b>Fuse:</b> passenger compartment temperature sensor fan (418) - interior rear-view mirror (1340) - light and rain sensor (1415)
<b>T</b>		20A	BPR1	<b>Fuse:</b> passenger and driver's heated seat (385-386)
<b>U</b>		20A	BP3	<b>Fuse:</b> electric door locking or deadlocking (138-139-140-141-645-844-1322)
<b>V</b>		--	--	Not in use
<b>W</b>		7.5A	15RP	<b>Fuse:</b> passenger and driver's heated door mirrors (239-240)
<b>A</b>		40A		<b>Relay:</b> electric window (703)
<b>B</b>		40A		<b>Relay:</b> accessories 1 (1155)

# Fuses and Relays

## RELAY PLATE (1173)

### location

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



SE2187

### Allocation of relays (depending on equipment level)

No.	Amps	Description
A	40A	<b>Relay:</b> 330W auxiliary heating (1067)
B	70A	<b>Relay:</b> 660W auxiliary heating (1068)

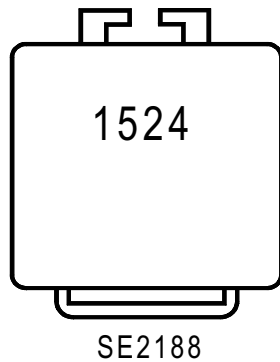
# Fuses and Relays

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RELAY UNIT (1524)
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## location

This relay is located on the accelerator pedal mounting.



## Allocation of relays (depending on equipment level)

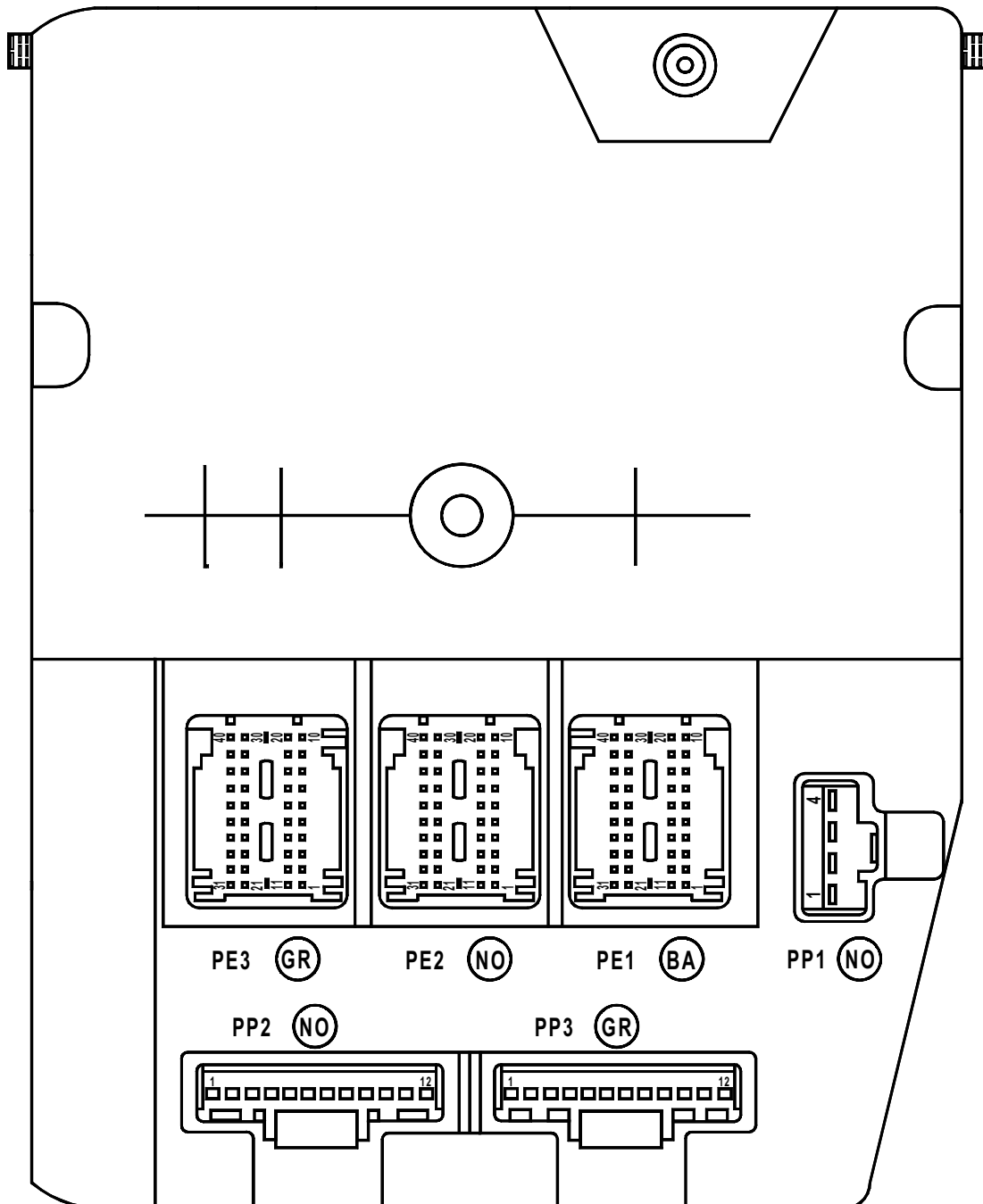
Amps	Description
40A	<b>Relay:</b> brake lights on (1524) controlled by the ESP ECU(1094).

# Fuses and Relays

## UCH (645)

### location

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



SE2160

# Fuses and Relays

Allocation (according to the equipment level)

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

<b>BROWN</b>		
<b>Track</b>	<b>Connection</b>	<b>Description</b>
<b>1</b>	26J	Safety Hall sensor control
<b>2</b>	47Z	External temperature / display signal
<b>3</b>	64F	Hazard warning light + control
<b>4</b>	26BC	Card Location LED Control
<b>5</b>	26X	Clutch - signal
<b>6</b>	20AW	One-touch door locking/unlocking control
<b>7</b>	26N	Engine start/stop + signal
<b>8</b>	87T	Rear luggage compartment door notch 1 switch signal
<b>9</b>	20T	Child safety LED - control
<b>10</b>	--	Not in use
<b>11</b>	20AL	Rear internal locking control
<b>12</b>	16A	Front washer pump + control
<b>13</b>	26M	Engine running warning light control
<b>14</b>	20M	Door locking LED
<b>15</b>	87G	Passenger notch 1 switch signal
<b>16</b>	87B	Right-hand rear notch 1 switch - signal
<b>17</b>	87H	Driver notch 1 signal switch - signal
<b>18</b>	20BG	Rear doors deadlocking state signal
<b>19</b>	87A	Left-hand rear notch 1 switch - signal
<b>GREEN</b>		
<b>Track</b>	<b>Connection</b>	<b>Description</b>
<b>20</b>	--	Not in use
<b>21</b>	--	Not in use
<b>22</b>	--	Not in use
<b>23</b>	--	Not in use
<b>24</b>	--	Not in use
<b>25</b>	--	Not in use
<b>26</b>	--	Not in use
<b>27</b>	--	Not in use
<b>28</b>	--	Not in use
<b>29</b>	--	Not in use
<b>30</b>	--	Not in use
<b>31</b>	--	Not in use
<b>32</b>	--	Not in use
<b>33</b>	--	Not in use
<b>34</b>	--	Not in use
<b>35</b>	--	Not in use
<b>36</b>	--	Not in use
<b>37</b>	--	Not in use
<b>38</b>	--	Not in use
<b>39</b>	--	Not in use
<b>40</b>	--	Not in use

# Fuses and Relays

Allocation (according to equipment level)

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

<b>BROWN</b>		
Track	Connection	Description
1	14S	Rain sensor series line signal
2	141H	Information display control signal line 5 under steering wheel
3	47C	External air temperature sensor + signal
4	141D	Information display control signal line 3 under steering wheel
5	141N	Information display control signal column 4 under steering wheel
6	CANH	CAN H fault finding signal
7	21K	Anti-pinch sunroof electric window series line signal
8	133B	Instrument panel CAN H signal > ECU
9	141K	Information display control signal column 1 under steering wheel
10	26AZ	Keyless vehicle steering column lock CAN H signal
11	141G	Information display control signal line 4 under steering wheel
12	141C	Information display control signal line 2 under steering wheel
13	47D	External temperature sensor 0V signal
14	141B	Information display control signal line 1 under steering wheel
15	141L	Information display control signal column 2 column switch
16	CANL	CAN L fault finding signal
17	141M	Information display control signal column 3 under steering wheel
18	133C	Instrument panel CAN L signal > ECU
19	141P	Information display control signal column 5 under steering wheel
20	26BA	Keyless vehicle steering column lock CAN L signal
<b>GREEN</b>		
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 / Brake light control > relay
28	24A	Rear screen washer pump + control
29	80T	Software lock indicator light - control
30	38LP	Air conditioning start/stop control
31	--	Not in use
32	38LQ	Fan assembly 0 speed signal
33	38JU	PTC (Positive Temperature Coefficient ceramic) relay control 1
34	S	+ Accessories feed
35	64Q	Central flasher unit timer + control
36	5A	Brake pedal switch + signal
37	36C	Rear screen wiper park position switch - signal
38	15A	Rear screen de-icing warning light control
39	26BG	Card reader / UCH data signal
40	26BD	Card reader / UCH synchronisation signal



# Fuses and Relays

Allocation (according to equipment level)

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

<b>BROWN</b>		
Track	Connection	Description
1	--	Not in use
2	--	Not in use
3	26P	+ Door handle infrared sensor
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	39G	Headlight washer relay 1 + control
14	39H	Headlight washer relay 2 + control
15	20AH	Opening window state signal
16	20J	Rear screen motor opening
17	--	Not in use
18	--	Not in use
19	--	Not in use
20	--	Not in use
<b>GREEN</b>		
Track	Connection	Description
21	26T	Driver's door handle sensor infrared signal
22	26S	Driver's side rear handle sensor infrared signal
23	26Q	Passenger side sliding side-opening door handles sensor infrared 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	26AG	Keyless vehicle driver's rear door vehicle external aerial signal A
29	26AN	Keyless vehicle luggage compartment lid external aerial signal 2
30	26AP	Keyless vehicle driver's side side-opening doors switch / locking signal
31	26AD	Keyless vehicle right-hand front door external aerial signal 2
32	26AL	Keyless vehicle passenger rear door aerial signal B
33	26AK	Keyless vehicle passenger rear door external aerial signal A
34	26AC	Keyless vehicle passenger front door external aerial signal A
35	26AW	Keyless vehicle internal aerial 2 signal 2
36	26AV	Keyless vehicle internal aerial 1 signal 2
37	26AX	Keyless vehicle internal aerial 3 signal 1
38	26AH	Keyless vehicle driver's rear door aerial signal B
39	26AA	Keyless vehicle driver's door external aerial signal A
40	26AM	Keyless vehicle tailgate external aerial signal A

# Fuses and Relays

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## Allocation (according to equipment level)

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

Track	Connection	Description
1	MAM	Left side of instrument panel cross member electrical earth
2	--	Not in use
3	BP77	+ Protected battery feed > Passenger compartment ECU
4	BPS1	+ Safety protected battery feed

## Allocation (according to equipment level)

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

Track	Connection	Description
1	26I	+ Column lock
2	APCB	+ Protected after ignition feed / Column lock fuse contact normally closed
3	36A	Rear screen wiper + control
4	BP25	Rear screen wiper protected battery + feed
5	20BH	Fuel flap / Driver's door locking motor control
6	20BC	Fuel flap / Driver's door opening motors control
7	20BK	Rear doors / Passenger door locking motors control
8	20BD	Front / rear passenger doors 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

## Allocation (according to equipment level)

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








Track	Connection	Description
1	13E	Courtesy light > Timer - control
2	NAM	Left-hand upper cross member 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
7	20S	Tailgate opening motor authorised supply
8	20AG	Rear screen opening motor authorised supply
9	BPT2	Timed lighting protected battery + feed
10	13AC	Lighting timer unit + control
11	--	Not in use
12	--	Not in use














# Fuses and Relays

## PROTECTION AND SWITCHING UNIT (1337)

Allocation of fuses (depending on equipment level).

No.	Symbol	Amps	Connection	Description
F3	START BRAKE	25A	(internal)	<b>Fuse:</b> starter motor solenoid (163)
F4		10A	internal	<b>Fuse:</b> air conditioning compressor clutch
F5A		15A	APCB	<b>Fuse:</b> steering column electric lock (1088)
F5C		10A	AP11	<b>Fuse:</b> reversing lights (172)
F5D	INJECT	5A	AP15	<b>Fuse:</b> injection computer + after ignition feed (120) - steering column electric lock (1088)
F5E		5A	AP44	<b>Fuse:</b> airbag + after ignition feed and electric power assisted steering (756-1232)
F5F	APC HBT	7.5A	AP43	<b>Fuse:</b> + passenger compartment +after ignition: gear lever display (1129) - shift pattern control (129) - reverse gear speed limiter (1081) - driving school monitor control (469) - passenger compartment fuse and relay box (260) - auxiliary heating 1 relay (1067) - auxiliary heating 2 relay (1068) - diagnostic socket (225) - hands-free telephone microphone (789)
F5H		5A	AP4	<b>Fuse:</b> automatic gear box + after ignition feed (119)
F5G	L LPG G	10A	AP31	<b>Fuse:</b> + LPG injection computer after ignition feed (997)
F6		30A	(internal)	<b>Fuse:</b> heated rear screen (200)
F7A		7.5A	LPD	<b>Fuse:</b> right-hand side light (172-226) - cruise control stop/start control (1081) - ESP stop/start button (1106) - gear selector lever display (1129) - left-hand heated seat control (1514) - right-hand heated seat control (1513) - rigid roof switch (1482) - windscreen simultaneous control (854) - LPG or petrol selector switch (1003)

## Fuses and Relays

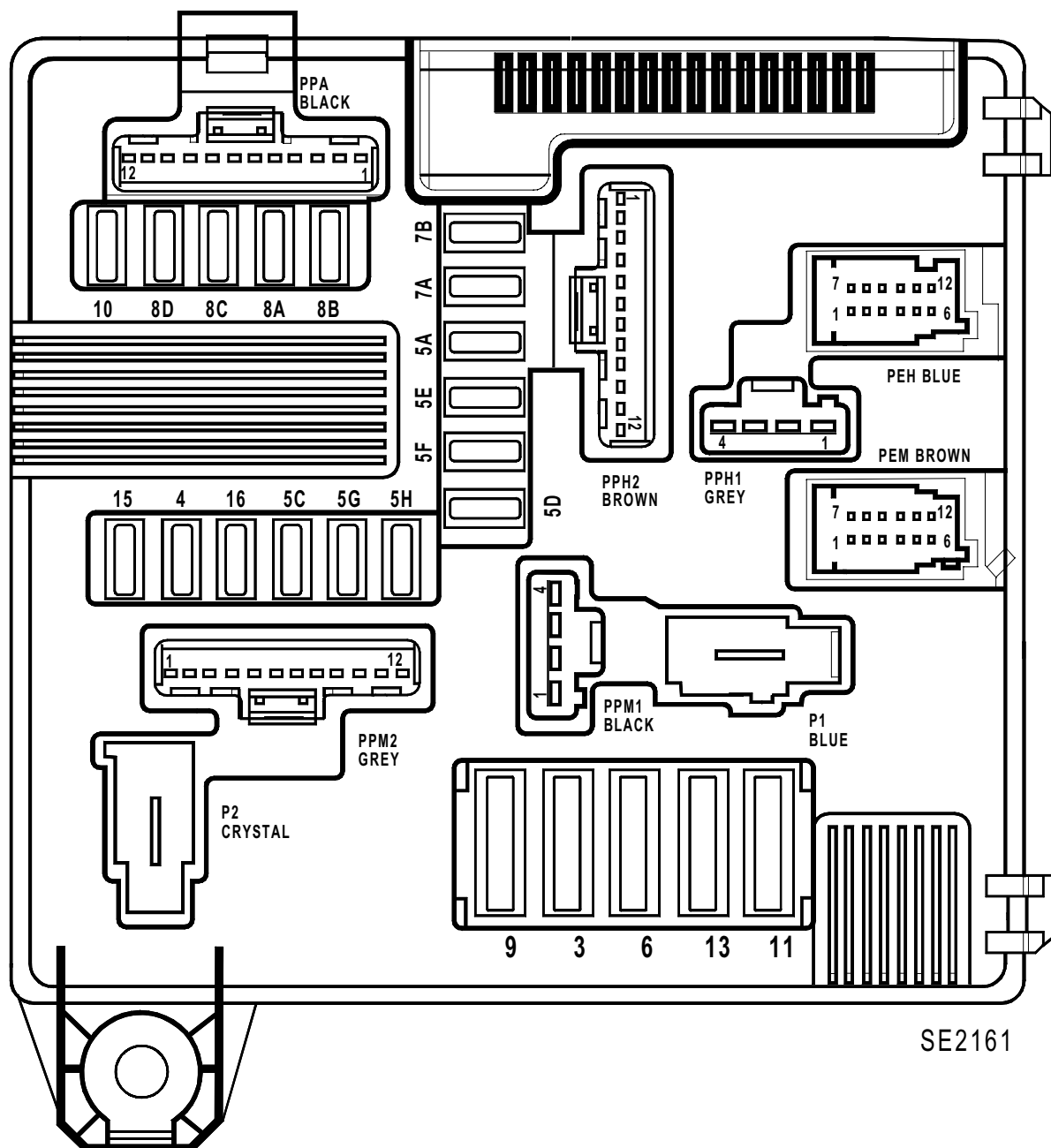
F7B		7.5A	LPG	<b>Fuse:</b> left-hand side lights (173-227) - cigarette lighter (101) - hazard warning lights and door locking switch (1391) - headlight adjustment rheostat switch (1390) - air conditioning control panel (319) - radio (261) - multifunction display (653) - CCU (1125) - CD changer (1272) - dual front electric window driver's control (1512) - electric door mirror control (134) - rear electric window locking control (135) - dual rear window driver's control (1511) - passenger electric window control (133) - rear right-hand electric window control (130) - rear left-hand electric window control (131)
F8A		10A	RPD	<b>Fuse:</b> right-hand main beam headlight (226)
F8B		10A	RPG	<b>Fuse:</b> left-hand main beam headlight (227)
F8C		10A	CPD	<b>Fuse:</b> right-hand dipped beam headlight (226) - rear height sensor (1372) - front height sensor (1373) - headlight adjustment dimmer switch (1390) - right-hand headlight adjustment motor (538)
F8D		10A	CPG	<b>Fuse:</b> left-hand dipped beam headlight (227) - left-hand headlight adjustment motor (537)
F9		25A	(internal)	<b>Fuse:</b> windscreen wiper motor (212)
F10		20A	8F - 8E	<b>Fuse:</b> front left and right-hand fog lights (176-177)
F11		40A	(internal)	<b>Fuse:</b> cooling fan unit (188)
F13		25A	BP14	<b>Fuse:</b> ABS computer (118) or Electronic Stability Program (1094)
F15		20A	BP42	<b>Fuse:</b> + battery automatic gearbox feed (119) or + battery gas solenoid valve relay feed (299)
F16		10A		Not in use

# Fuses and Relays

## PROTECTION AND SWITCHING UNIT (1337)

### location

This unit is located in the engine interconnection unit (in the engine compartment).



# Fuses and Relays

## Allocation (according to equipment level)

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

Track	Connection	Description
1	AP15	Engine function fuse protected + after ignition feed
2	--	Not in use
3	SP2	+ Protected accessories > Radio (input)
4	32B	Oil - oil level sensor signal 1
5	32A	Oil - oil level sensor signal 2
6	14M	Front wiper park position control > Computer
7	4DN	Anti-lock braking system CAN LOW signal
8	CANL	CAN L fault finding signal
9	3SN	Engine 2 CAN L signal
10	CANH	CAN H fault finding signal
11	4DM	ABS CAN HIGH signal
12	3SM	Engine CAN HIGH signal

## Allocation (according to equipment level)

PPH1(4-track connector) **GREY**

Track	Connection	Description
1	BP14	+ Protected battery > Anti-lock braking system
2	15LP	Protected rear screen heating + control
3	MAS	Left-hand front side member electronic earth
4	3FB	+ Injection > relay protection (BP31 relayed)

## Allocation (according to equipment level)

PPH2 (12-track connector) **BROWN**

Track	Connection	Description
1	14L	Front high-speed wiper timer + control
2	14K	Low speed windscreen wiper time switch + control
3	NAM	Left-hand upper cross member electronic earth
4	CPD	+ Right-hand protected dipped beam headlight
5	3N	+ Fuel pump
6	LPG	+ Protected left-hand side light
7	LPD	+ Protected right-hand side light
8	APCB	+ Protected after ignition feed / Column lock fuse contact normally closed
9	H66P	Reverse lights + control
10	AP44	Electric power assisted steering ECU fuse + protected after ignition feed
11	AP43	Protected fuse + after ignition feed
12	--	Not in use

# Fuses and Relays

## Allocation (according to equipment level)

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

Track	Connection	Description
1	LPG	+ Protected left-hand side light
2	LPD	+ Protected right-hand side light
3	RPG	+ Left-hand protected main beam headlight
4	RPD	+ Right-hand protected main beam headlight
5	CPD	+ Right-hand protected dipped beam headlight
6	CPG	+ Left-hand protected dipped beam headlight
7	8F	+ Right-hand front fog light > Resistor
8	8E	+ Left-hand front fog light > Resistor
9	--	Not in use
10	--	Not in use
11	--	Not in use
12	--	Not in use

## Allocation (according to equipment level)

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

Track	Connection	Description
1	3AC	Fuel pump relay coil - control
2	3AA	Power latch relay coil - control
3	2K	DF terminal alternator charger signal
4	--	Not in use
5	--	Not in use
6	26Z	Automatic gearbox neutral + signal
7	--	Not in use
8	2JD	+ Alternator excitation
9	SP2	+ Protected accessories > Radio (outlet to diesel heater relay control)
10	32B	Oil - oil level sensor signal 1
11	32A	Oil - oil level sensor signal 2
12	28A	Oil pressure warning light - Control

## Allocation (according to equipment level)

PPM1(4-track connector) **BLACK**

Track	Connection	Description
1	3FB1	+ Injection relay protection > (BP31 relayed)
2	3FB2	+ Injection relay protection > (BP31 relayed)
3	D	+ Starting
4	49L / 49B	Low speed fan assembly resistor + control or fan assembly + control



# Fuses and Relays

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## Allocation (according to equipment level)

PPM2(12-track connector) **GREY**

Track	Connection	Description
1	BP42	+ Protected battery > automatic gearbox computer feed or + gas solenoid valve battery relay
2	--	Not in use
3	BP31	Fuse: + Fuel pump (outlet) injectors battery > protected feed
4	--	Not in use
5	38R	Air conditioning clutch + control
6	AP11	Reversing lights fuse + protected after ignition feed
7	AP31	LPG central unit protected fuse+ after ignition feed
8	3BS	Ignition coil control
9	H66P	Reverse lights + control
10	AP4	Fuse: automatic gearbox + after ignition feed
11	--	Not in use
12	--	Not in use

## Allocation (according to equipment level)

P1 (1-track connector) **BLUE**

Track	Connection	Description
1	49R	High-speed fan assembly feed

## Allocation (according to equipment level)

P2 (1-track connector) **TRANSPARENT**

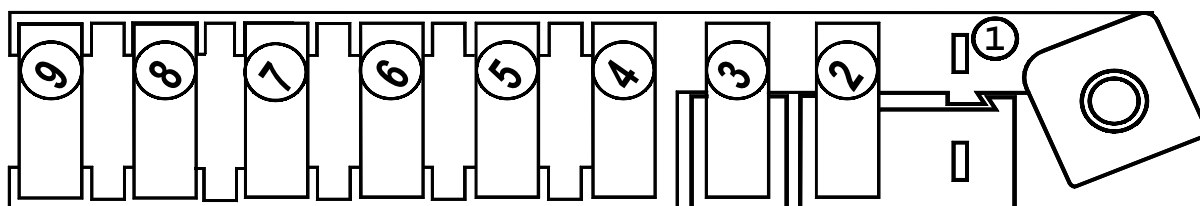
Track	Connection	Description
1	BP31	+ Petrol pump injector fuse protected battery > (input)

# Fuses and Relays

## POWER FEED FUSE RACK (777)

### location

This unit is located in the engine interconnection unit, below the Protection and Switching Unit (1337).



SE2249

Allocation of fuses (depending on equipment level)

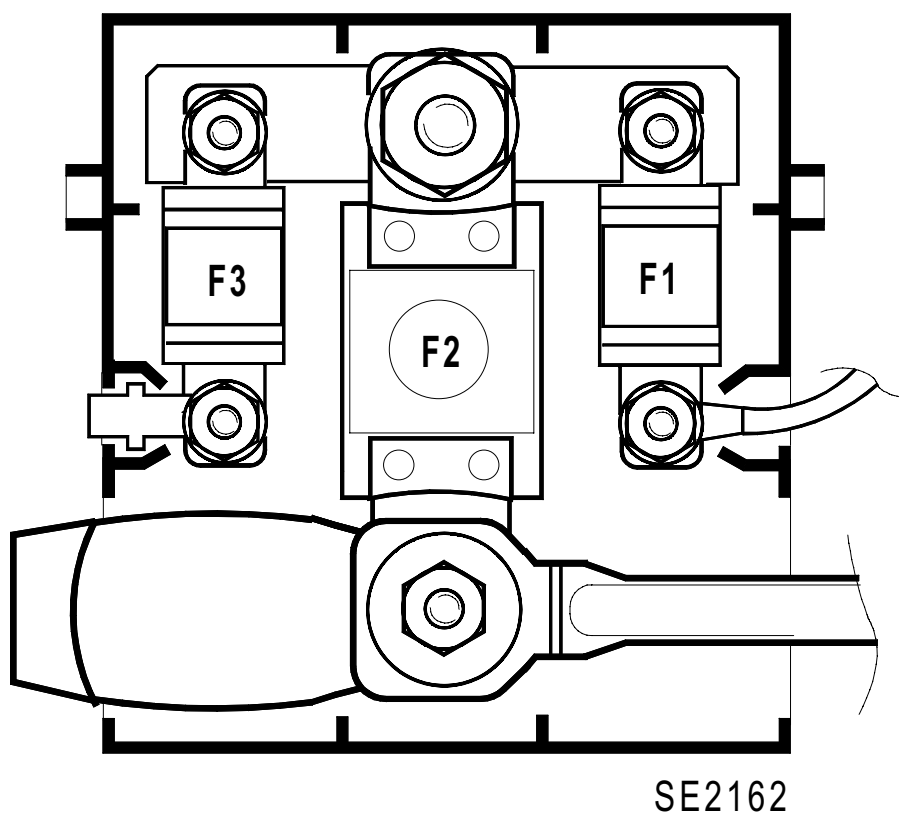
No.	Amps	Connection	Description
F1	--	--	Not in use
F2	70A	BP35	<b>Fuse:</b> preheating unit (257)
F3	20A	BP27	<b>Fuse:</b> diesel filter reheating relay (450) on F9Q engine
F4	70A	BP12	<b>Fuse:</b> passenger compartment fuse and relay box (260)
F5	50A	BP8	<b>Fuse:</b> ABS computer (118 - 1094)
F6	70A	BP81	<b>Fuse:</b> electric power assisted steering system (1232)
F7	40A	BP9	<b>Fuse:</b> auxiliary heater relay 1 (1067)
F8	60A	BP11	<b>Fuse:</b> passenger compartment fuse and relay box (260)
F9	70A	BP91	<b>Fuse:</b> auxiliary heater relay 2 (1068)

# Fuses and Relays

## PROTECTED POSITIVE BATTERY UNIT (1033)

### location

This unit is located on the positive battery terminal.



Allocation of fuses (depending on equipment level)

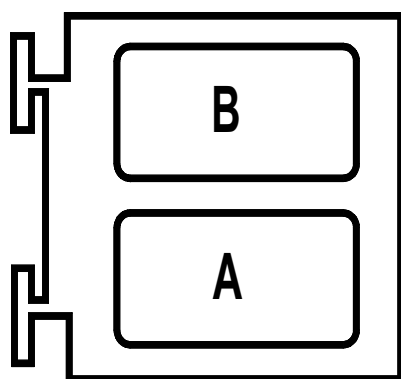
No.	Amps	Connection	Description
F1	30A	BPS1	<b>Fuse:</b> passenger compartment fuse and relay box protected+ battery (260) - UCH (645).
F2	350A 400A	BPDA	<b>Fuse:</b> + protected starter battery (163) - alternator (103) - power feed fuse board (777) - switching and protection unit (1337). Rating: <ul style="list-style-type: none"><li>- 350 Amps for petrol engines.</li><li>- 400 Amps for diesel engines.</li></ul>
F3	30A	BP31	<b>Fuse:</b> + Engine function battery protected feed via the Protection and Switching Unit (1337)

## Fuses and Relays

### RELAY PLATE (784)

#### location

This unit is located in the engine interconnection unit, below the Protection and Switching Unit (1337).



SE2186

Allocation of relays (depending on equipment level)

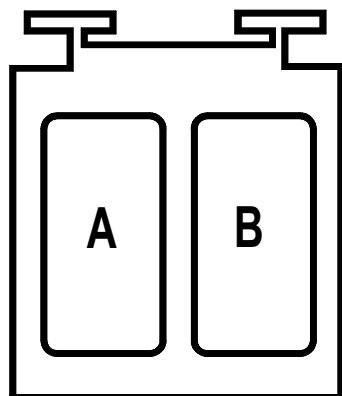
No.	Amps	Description
A	20A	<b>Relay:</b> headlight washer pump (753)
B	20A	<b>Relay:</b> headlight washer pump 2 (1338)

# Fuses and Relays

## RELAY PLATE (299)

### location

This unit is located in the engine interconnection unit, below the Protection and Switching Unit (1337).



SE2164

Allocation of relays (depending on equipment level)

### **F9Q engine**

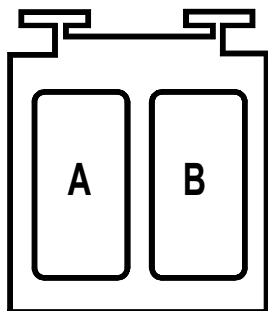
No.	Amps	Description
A	20A	<b>Relay:</b> diesel heater (450)
B	--	Not in use

# Fuses and Relays

## LPG RELAY BOARDS (299)

### location

This unit is located in the Engine Interconnection Unit, below the Protection and Switching Unit (1337).



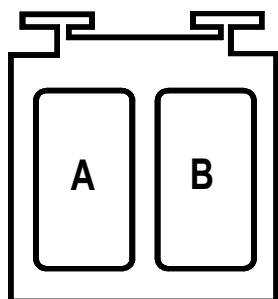
SE2164

Allocation of relays (depending on equipment level)

### **K4M764 Engine**

No.	Amps	Description
A	20A	<b>Relay:</b> fuel pump (236)
B	20A	<b>Relay:</b> LPG fuel pump cut-off (1196)

This relay board is secured to the above board.



SE2164

Allocation of relays (depending on equipment level)

### **K4M764 Engine**

No.	Amps	Description
A	20A	<b>Relay:</b> LPG solenoid valve (1259)
B	20A	<b>Relay:</b> LPG tank (1457)