

Fuses and Relays

UCH (645)

Location

This fuse box is located in the passenger compartment on the driver's side.

Table of fuses

 20 A	ALIM UCH 10 A	 10 A	 20 A	 15 A	STOP 20 A	 15 A	 7,5 A	 15 A	 10 A	 30 A	 5 A	 5 A
 15 A	 30 A	 30 A	 10 A	 10 A	 15 A	 7,5 A	 30 A	 30 A	 15 A	 15 A	 10 A	

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Allocation of fuses (according to equipment level)

No.	Symbol	Amps	Connection	Description
F1		20A	11C	Main beam headlights
F2	ALIM	10A	BP68	UCH supply - Card reader - Push button
F3		10A	AP40	Voice synthesiser - Discharge bulb computer - Instrument panel - Heater outlets - Headlight adjustment control
F4		20A	AP3	Reversing lights - Heating and ventilation - Parking aid - Alarm + after ignition feed signal - Switch lighting - Rain sensor - Air conditioning compressor - Wiper motor signal - Autodimming rear-view mirror
F5		15A	(internal)	Timed interior lighting
F6		20A	AP10	Brake lights - Wiper stalk - Diagnostic socket - Tyre pressure monitor display - Child lock indicator light - Rear electric lock indicator light - Electric window switch lighting - Cruise control - Hands-free set
F7		15A	CPG	Left-hand dipped headlight - Discharge bulb computer - Beam adjustment motor
F8		7.5A	63M-63L	Right-hand side lights
F9		15A	(internal)	Hazard warning lights and indicators
F10		10A	SP2	Communications system - Radio - Seat relays - Seat memory computer
F11		30A	BP3A	Voice synthesiser - Instrument panel - Front fog lights - Tailgate electric lock - Air conditioning
F12		5A	AP25	Airbags and pretensioners
F13		5A	AP5	ABS computer - Electronic braking distribution

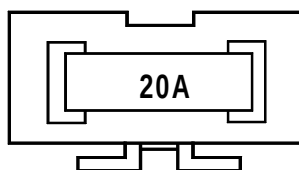
Fuses and Relays

No.	Symbol	Amps	Connection	Description
F14		15A	67C	Horn
F15		30A	BP48	Driver's side front electric window - Electric door mirrors - Electric window multiplexing unit
F16		30A	SBP3	Passenger side front electric window - Electric window multiplexing unit
F17		10A	9P	Rear fog lights
F18		10A	40P	Heated door mirrors
F19		15A	CPD	Right-hand dipped headlight
F20		7.5A	LPG	Left-hand side lights - Dimmer-controlled and glove compartment lighting - Licence plate lighting - Cigarette lighter - Switch lighting except doors and hazard warning lights
F21		30A	BP2	Windscreen and rear screen wipers
F22		30A	BP3	Central door locking
F23		15A	SP4	Console rear accessories socket - Car phone
F24		15A	SP7	Cigarette lighter - Boot rear accessories socket
F25		10A	SP13	Steering lock - Heated rear screen relay -

Location

The consumer cut-out fuse is located in the central console, underneath the ashtray.

710



SE2051

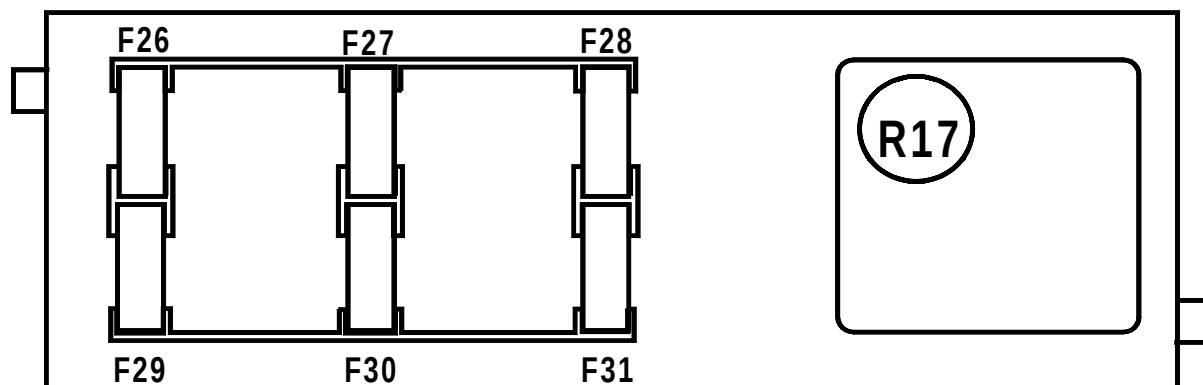
No.	Connection	Amps	Description
F50	BCP4	20A	Consumer cut-out fuse: Diagnostic socket (225) - Radio (261) - Seat memory computer (515) - Clock/external temperature/radio display unit (653) - Navigation computer (662) - Tyre pressure computer (851) - Central communication unit (1125) - Alarm connection (R325) - Seat memory (515) - Hands-free set (R251)

Fuses and Relays

PASSENGER COMPARTMENT RELAY AND FUSE BOX (1016)

location

This fuse box is located in the passenger compartment above the passenger compartment UCH (645) on the driver's side.



SE2050

Allocation of fuses and relays (according to equipment level)

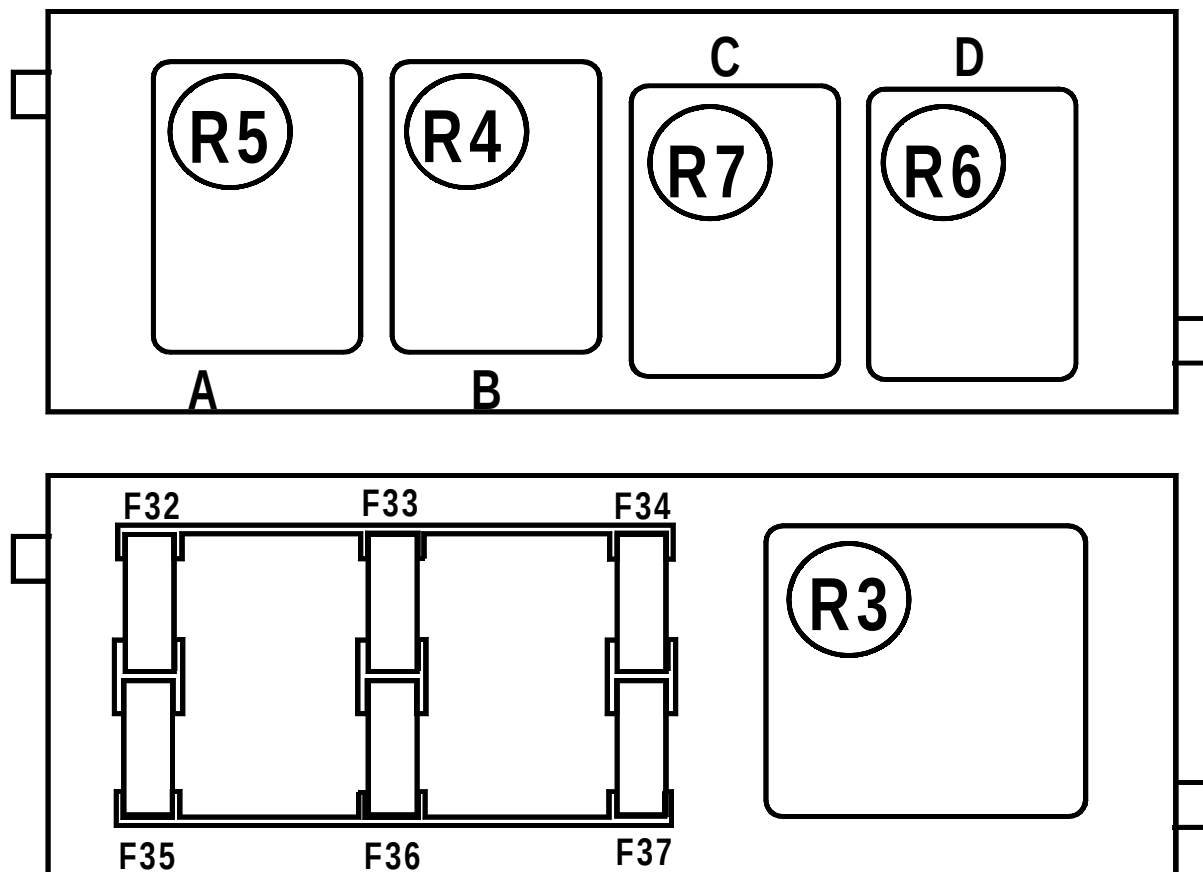
No.	Amps	Connection	Description
F26	30A	BP47	Fuse: caravan socket
F27	30A	ABP3	Fuse: sunroof
F28	30A	SBP1	Fuse: rear left-hand electric window (202)
F29	30A	SBP2	Fuse: rear right-hand electric window (201)
F30	5A	AP5A	Fuse: steering wheel angle sensor (583)
F31	--	--	Not in use
R17			Relay: electric window (703)

Fuses and Relays

PASSENGER COMPARTMENT RELAY AND FUSE BOX (260)

location

This fuse box is located in the passenger compartment, behind the glove compartment.



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Allocation of fuses and relays (according to equipment level)

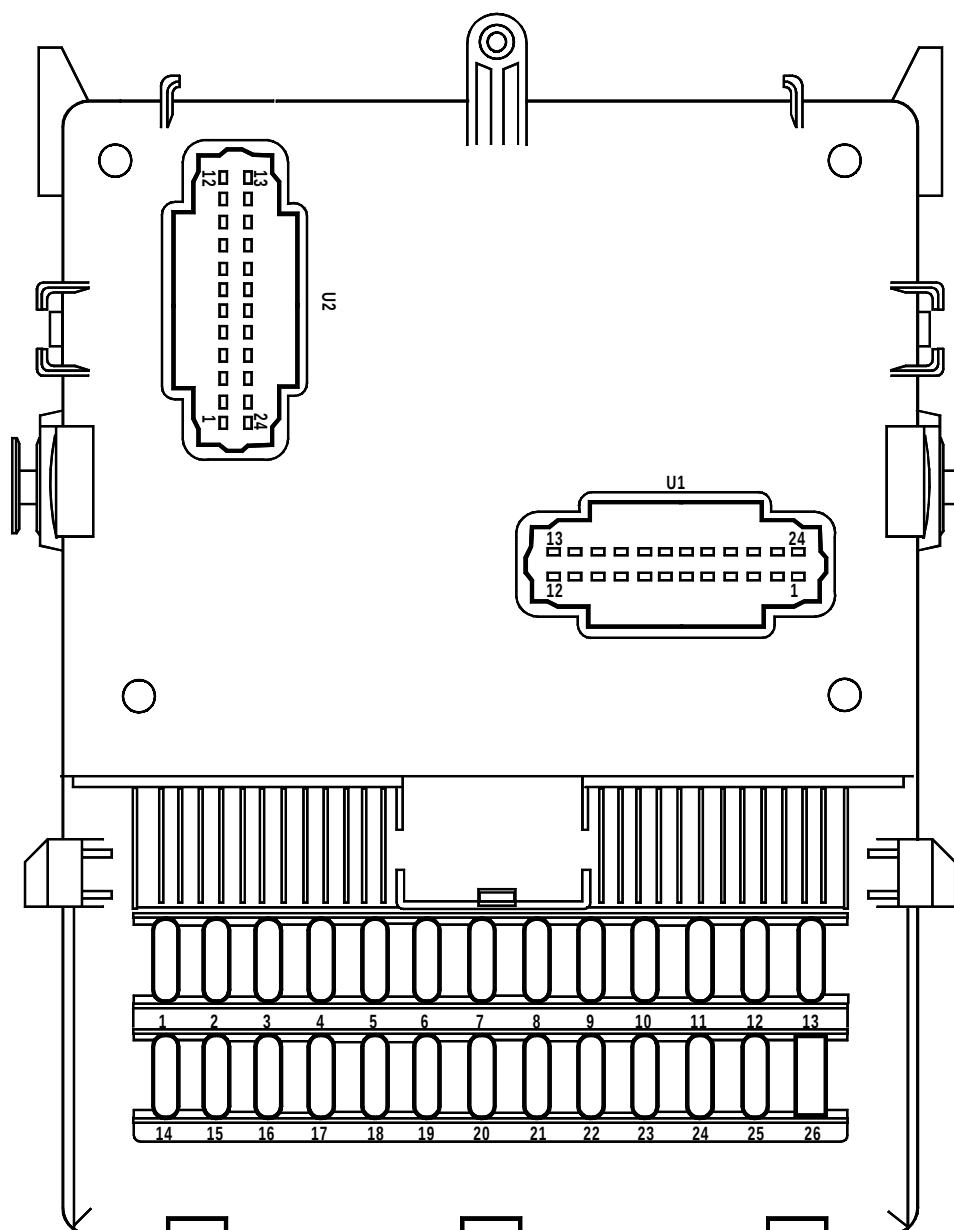
No.	Amps	Connection	Description
F32	--	--	Not in use
F33	--	--	Not in use
F34	15A	BP24	Fuse: driver's electric seat supply
F35	20A	SP8	Fuse: driver's and passenger heated seats
F36	20A	SP11	Fuse: driver's electric seat
F37	20A	SP10	Fuse: passenger electric seat
R3			Relay: seat supply (1399)
R4			Relay: daytime running lights monitor (289)
R5			Relay: daytime running lights code (290)
R6			Relay: headlight washers pump (753)
R7			Relay: brake lighting (during understeer control)

Fuses and Relays

UCH (645)

location

This fuse box is located in the passenger compartment on the driver's side.



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Fuses and Relays

Allocation (according to equipment level)

U1 (24-track connector)

Track	Description
1	Central door locking output (interior front)
2	Central door locking output (interior front and exterior driver's)
3	Front left-hand side light shunt input
4	Reserve
5	Front right-hand side light shunt input
6	Licence plate lighting shunt input
7	Right-hand side light fuse failure input
8	Left-hand side light fuse failure input
9	Reserve
10	Dipped headlights input
11	Rear right-hand side light shunt input
12	Reserve
13	Reserve
14	Electronic relay and fuse box supply input
15	Reserve
16	Brake light fuse failure input
17	Rear left-hand side light shunt input
18	Reserve
19	Left-hand brake light shunt input
20	Central door locking input (interior rear and exterior rear)
21	Right-hand brake light shunt input
22	Brake switch input
23	Central door locking output (exterior driver's and exterior rear)
24	Central door locking output (interior rear)

U2 (24-track connector)

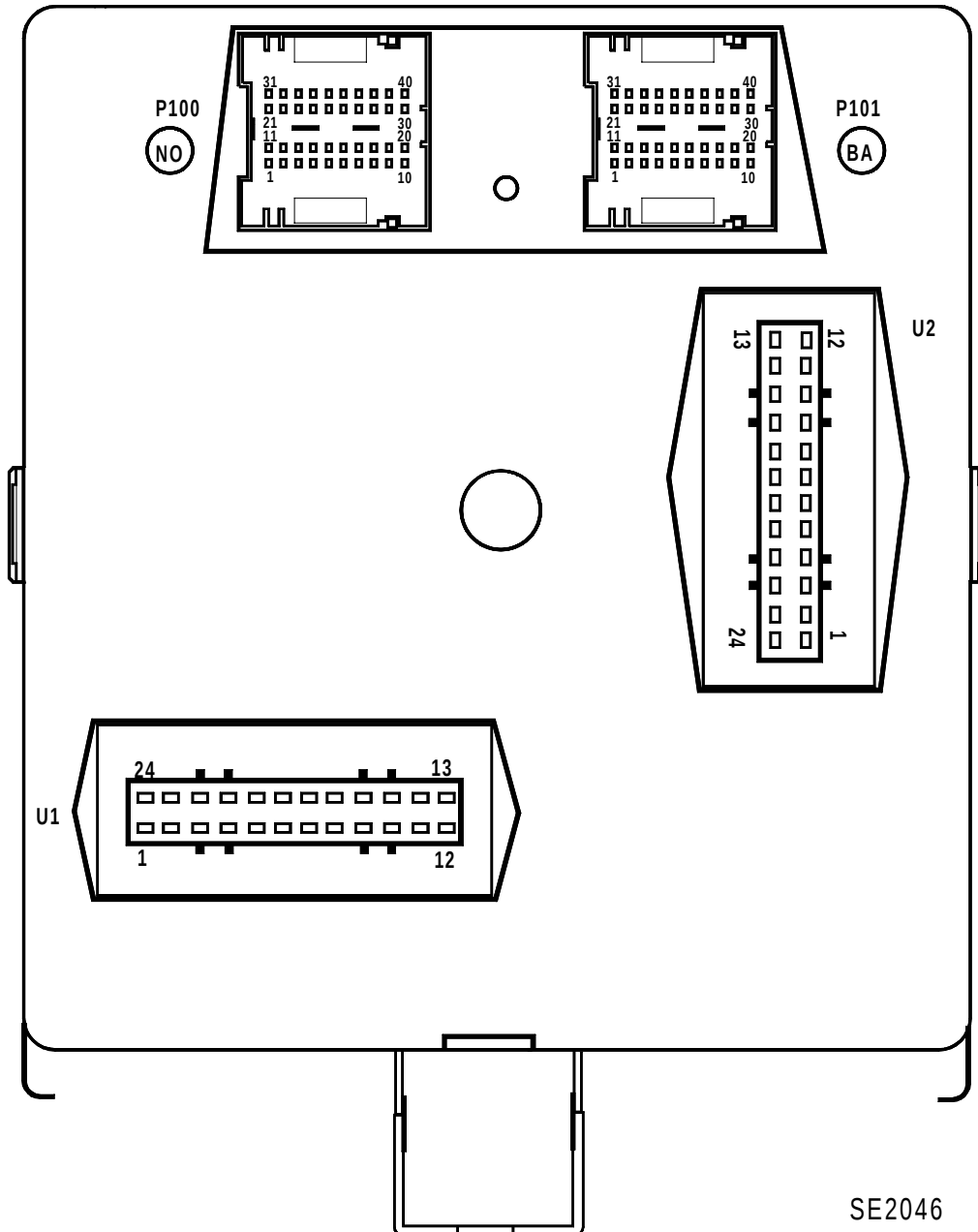
Track	Description
1	Rear wiper relay output
2	Relayed + after ignition feed input (electronic key)
3	Relayed idle + after ignition feed input (electronic key)
4	Relayed + after ignition feed output (electronic key)
5	Central door locking supply input
6	Reserve
7	Reserve
8	Central door locking relay output - opening
9	Acessories relay 2 output
10	Central door locking relay output - closing
11	Acessories relay 1 output
12	Passenger compartment computer diagnostic warning light input
13	Electronic earth
14	Reserve
15	Left-hand indicator control output
16	Diagnostic indicator input (condition of bulb filaments)
17	Right-hand indicator control output
18	Windscreen wiper high and low speed selection relay output
19	Indicator supply input
20	Windscreen wiper start/stop selection relay output
21	Starter immobiliser relay output
22	Side lights input
23	Timed supply relay output
24	UCH supply input

Fuses and Relays

UCH (645)

location

This fuse box is located in the passenger compartment on the driver's side.



Fuses and Relays

Allocation (according to the equipment level)

P100 (40-track connector) **BLACK**

BROWN		
Track	Connection	Description
1	26G	Card fully inserted + signal (1082)
2	64Q	Central timed flasher control (125)
3	26M	Engine running indicator light control (1087)
4	23E	Rear electric window function locking relay coil control (135)
5	14H	Windscreen wiper high speed control (145)
6	26C	Card reader DATA transmission (1082)
7	26Z	Manual gearbox neutral + signal (1109)
8	H66P	Reversing lights + control (172-173-1109)
9	20A	Central door locking closing timer + control (123)
10	14D	Windscreen wipers timed low speed control (145)
11	26L	OK to start light control (1087)
12	--	Not in use
13	HK7	Diagnostic K signal (225)
14	47X	External temperature display output signal (653-1125)
15	14G	Windscreen wiper low speed control (145)
16	18A	Boot lighting control (165)
17	20B	Central door locking opening timer + control (123)
18	70B	Tyre deflation radio frequency transmission signal (851)
19	26D	UCH DATA transmission (1082)
20	26N	Engine on/off button + signal (1087)
GREEN		
Track	Connection	Description
21	20M	Door locking LED (123)
22	21K	Sunroof electric windows anti-pinch serial line signal (201-202-203-204-304-1122)
23	14S	Rain sensor series line signal (1415)
24	36E	Rear wiper timer + control (145)
25	24A	Rear screen washer pump + control (145-677)
26	26X	Clutch - signal (675)
27	--	Passenger compartment fan unit relay control (419)
28	26T	Driver's handle infrared sensor signal (1084)
29	26R	Rear right-hand handle infrared sensor signal (1085)
30	38GU	Air conditioning CAN H signal (419)
31	13AE	Interior lighting - control (1118-1119)
32	14Q	Windscreen wiper on / off rain sensor + signal (1124)
33	26Q	Passenger handle infrared sensor signal (1083)
34	14M	Windscreen wiper park position control (212)
35	16A	Windscreen washer pump + control (145-677)
36	64S	Right-hand indicator timer operating control (209)
37	64T	Left-hand indicator timer operating control (209)
38	36C	Rear wiper park position switch - signal (211)
39	14R	Windscreen wiper high speed pivot rain sensor + signal (1124)
40	38GV	Air conditioning CAN L signal (419)

Fuses and Relays

Allocation (according to equipment level)

P101 (40-track connector) **WHITE**

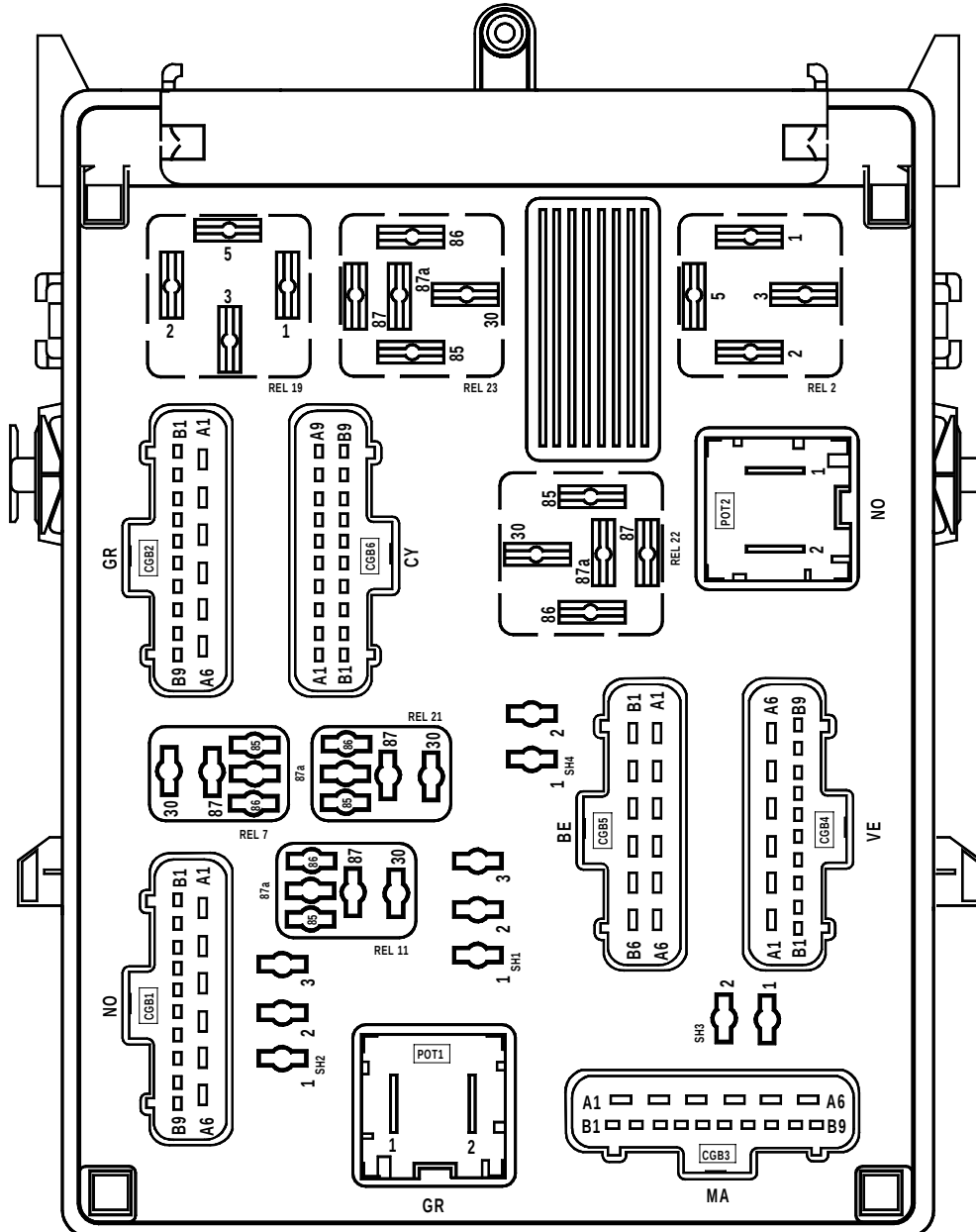
BROWN		
Track	Connection	Description
1	133B	CAN L signal (225)
2	109E	Variable power assisted steering motor control D (540)
3	109D	Variable power assisted steering motor control C (540)
4	20V	Rear right-hand door deadlocking - signal (138)
5	26P	Door handle infrared + sensor (1083-1084-1085)
6	--	Not in use
7	87B	Rear right-hand first notch switch - signal (138-525)
8	20S	Tailgate opening motor authorised supply (138-557)
9	26A	Electric steering column lock control (1088)
10	--	Not in use
11	133B	CAN H signal (225)
12	26B	Card presence + signal (1082-1088)
13	109B	Variable power assisted steering motor phase B control (540)
14	80T	Software lock - control (247)
15	87A	Rear left-hand first notch switch - signal (139-526)
16	87H	Driver's first notch switch - signal (523)
17	64U	Right-hand indicator repeater control (267)
18	109A	Variable power assisted steering motor phase A control (540)
19	64V	Left-hand indicator repeater control (268)
20	87G	Passenger first notch switch - signal (141-524)
GREEN		
Track	Connection	Description
21	28U	Rear left-hand door deadlocking - signal (139)
22	67A	Horn + control (1184)
23	26S	Rear left-hand handle infrared sensor signal (1086)
24	20T	Child safety LED - control (135)
25	--	Not in use
26	--	Not in use
27	--	Not in use
28	--	Not in use
29	78N	Lights relay control for daytime running lights (289)
30	78M	Dipped beam relay control for daytime running lights (290)
31	--	Not in use
32	88CG	Seat memory serial line control and passenger door MUX computer (515-1123)
33	--	Not in use
34	--	Not in use
35	--	Not in use
36	88BH	Memory control (515-1123)
37	--	Not in use
38	--	Not in use
39	--	Not in use
40	39B	Headlight washer coil - control (219-753)

Fuses and Relays

UCH (645)

location

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Fuses and Relays

Allocation (according to equipment level)

CGB1 (15-track connector) **BLACK**

WHITE		
Track	Connection	Description
A1	--	Not in use
A2	8B	Front fog lights + (176-177-247)
A3	8A	Front fog lights relay + through stalk (209)
A4	--	Not in use
A5	--	Not in use
A6	--	Not in use
BLACK		
B1	BP3A	Protected + battery feed (247-363-419)
B2	AP5	ABS/ESP protected + after ignition feed (1094)
B3	AP25	Airbag protected + after ignition feed (756)
B4	--	Not in use
B5	SP13	Protected + accessories feed (1088)
B6	--	Not in use
B7	SP2	Protected + accessories feed (261-515-653-1125-1399)
B8	SP7	Protected + accessories feed (101-1384)
B9	SP4	Protected + accessories feed (506-1382)

CGB2 (15-track connector) **GREY**

WHITE		
Track	Connection	Description
A1	BP1	Protected + battery feed input (597)
A2	BP1	Protected + battery feed input (597)
A3	SP3	Protected + accessories feed (419)
A4	20D	Central door locking closure + control (141-844) or (138-139-140-141-844)
A5	20C	Central door locking opening + control (141-844) or (138-139-140-141-844)
A6	M	Left-hand front electrical earth (MB)
BLACK		
B1	M	Left-hand A-pillar electronic earth (NC)
B2	20AK	Rear door external internal unlocking control (138-139)
B3	20AM	Driver's rear external locking control (138-139-140)
B4	20AL	Rear internal locking control (138-139)
B5	20AP	Front internal locking control (140-141)
B6	20AN	Driver's front internal external unlocking control (140-141)
B7	LPG	Parking lights + feed (101-168-184-185-227-241-247-261-419-541-562-653-1003-1081-1106-1125)
B8	--	Not in use
B9	13AG	Boot lighting timer + control (165-523-524)

Fuses and Relays

Allocation (according to equipment level)

CGB3 (15-track connector) **BROWN**

WHITE		
Track	Connection	Description
A1	C	Dipped headlights + (209)
A2	--	Not in use
A3	11A	Main beam + control (226-227-247)
A4	--	Not in use
A5	67C	Horn fuse + control (209)
A6	9J	Rear fog light fuse + control (209)
BLACK		
B1	CPD	Right-hand dipped headlight + (226)
B2	CPG	Left-hand dipped headlights + (227-247-989)
B3	40P	Door mirror de-icing fuse protected + control (239-240)
B4	9P	Protected rear fog lights + control (172-173-184-185-247)
B5	--	Not in use
B6	SBP3	Passenger/driver's electric window battery protected + accessories feed (133-1123)
B7	13B	Interior lighting - control (523)
B8	BP48	Rear-view mirrors and driver's electric window protected + battery feed (134-203-1122-1412)
B9	67A	Horn + control (105-1184)

CGB4 (15-track connector) **GREEN**

WHITE		
Track	Connection	Description
A1	11C	Main beam headlight fuse + control (209)
A2	23E	Rear function locking relay coil control (135)
A3	ABP5	Rear electric window battery or after ignition feed (1016)
A4	23EA	Rear electric window relay control (1016)
A5	--	Not in use
A6	15B	Heated rear screen + control (200)
BLACK		
B1	BP68	Reception transmission unit fuse protected + battery feed (1082-1087)
B2	--	Not in use
B3	AP40	Accessories fuse protected + after ignition feed (247-363-537-538-562-694-695-989)
B4	36A	Rear wiper + control (211)
B5	--	Not in use
B6	13AD	Courtesy light timer + control
B7	63L	Rear right-hand side light feed + control (172)
B8	63M	Front right-hand side light feed + control (226)
B9	15M	Heated rear screen relay - control (419)

Fuses and Relays

CGB5 (12-track connector) **BLUE**

WHITE		
Track	Connection	Description
A1	BP13	+ Battery feed protected by passenger compartment 3 (597)
A2	--	Not in use
A3	A	+ after ignition feed (597-1016)
A4	BP3	Central door locking protected + battery feed (123)
A5	--	Not in use
A6	--	Not in use
BLACK		
B1	M	MB earth
B2	L	+ side light (209)
B3	D	+ starting (163) and automatic transmission signal (779)
B4	78P	Lights relay control for daytime running lights (289)
B5	--	Not in use
B6	78Q	Dipped beam relay control for daytime running lights (290)

CGB6 (18-track connector) **CLEAR**

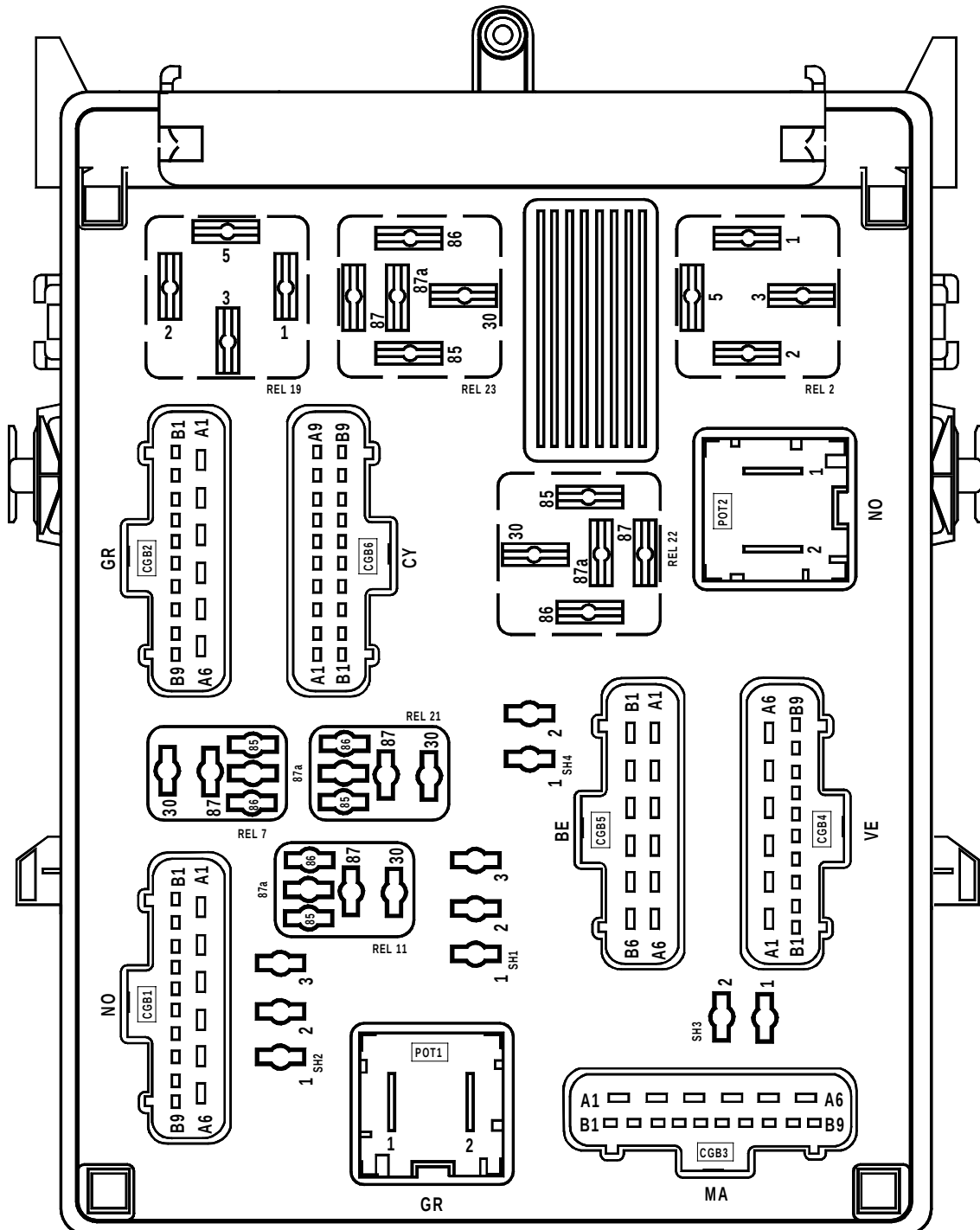
WHITE		
Track	Connection	Description
A1	--	Not in use
A2	AP3	Heated rear screen control fuse protected + after ignition feed (123-171-212-419-442-485-612-779-1109-1124-1222-R325)
A3	AP3	Heated rear screen control fuse protected + after ignition feed (123-171-212-419-442-485-612-779-1109-1124-1222-R325)
A4	--	Not in use
A5	--	Not in use
A6	--	Not in use
A7	64B	Hazard warning lights control + control (125)
A8	64C	Left-hand indicators control (173-247-256)
A9	64D	Right-hand indicators control (172-247-255)
BLACK		
B1	14K	Timer windscreen wiper low speed + control (212) AP10
B2	14L	Timer windscreen wiper high speed + control (212)
B3	AP10	Brake lights fuse protected + after ignition feed (123-129-130-131-133-134-135-145-160-225-1081-1110-1168-1169-1170-1171-1172-1281)
B4	63Q	Licence plate lighting + control (166-167)
B5	63K	Rear left-hand side light feed + control (173)
B6	63N	Front left-hand side light feed + control (227)
B7	65A	Brake lights control (160)
B8	65B	Right-hand brake light + control (172)
B9	65C	Left-hand brake light + control (173)

Fuses and Relays

UCH (645)

location

This fuse box is located in the passenger compartment on the driver's side.



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Fuses and Relays

Allocation (according to equipment level)

Track	Description
REL 2	Relay: heated rear screen (235)
REL 7	Relay: front fog lights (231)
REL 9	Relay: windscreen wiper (internal 645)
REL 10	Relay: windscreen wiper (internal 645)
REL 11	Relay: rear wiper through reversing lights (1041)
REL 12	Relay: opening elements locking (internal 645)
REL 13	Relay: opening elements locking (internal 645)
REL 18	Relay: timed interior lighting (internal 645)
REL 19	Relay: accessories feed (1155)
REL 21	Relay: starter inhibition (232)
REL 22	Relay: computer/+ after ignition feed (853)
REL 23	Relay: accessories, retrofitted radio/rear electric windows (720)
SH 1	Shunt: rear electric windows
SH 2	Shunt: front electric windows
SH 3	Shunt: daytime running lights (dipped beam headlights)
SH 4	Shunt: daytime running lights (side lights)

POT 1 (2-track connector) **GREY**

Track	Connection	Description
1 or A	BP11	Protected + battery (597)
2 or B	BP12	Protected + battery (597)

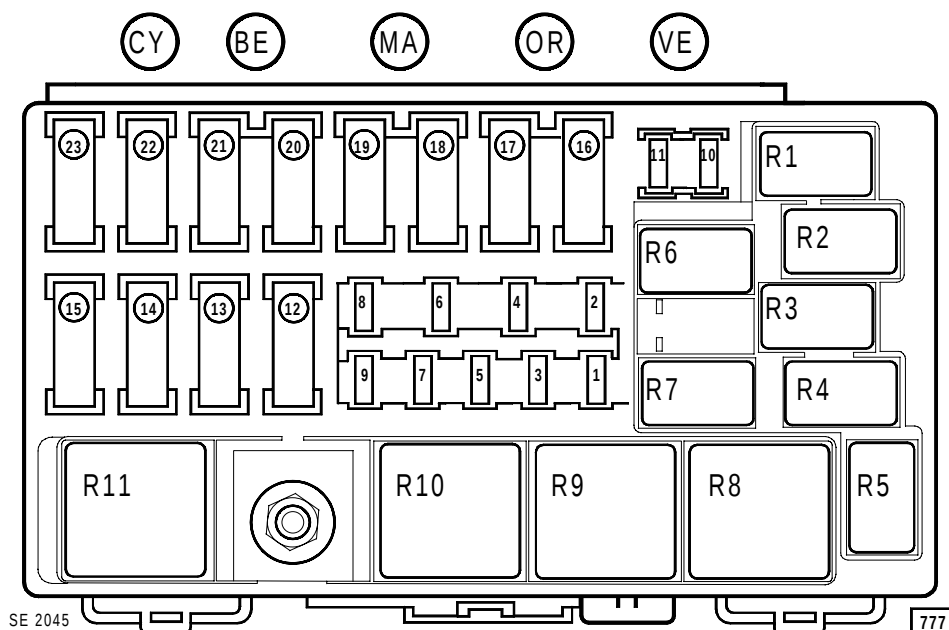
POT 2 (2-track connector) **BLACK**

Track	Connection	Description
1 or A	BP13	Protected + battery (597)
2 or B	BP15	Protected + battery (597)

Fuses and Relays

ENGINE RELAY AND FUSE BOX (597)

Fusebox and relays (engine side)

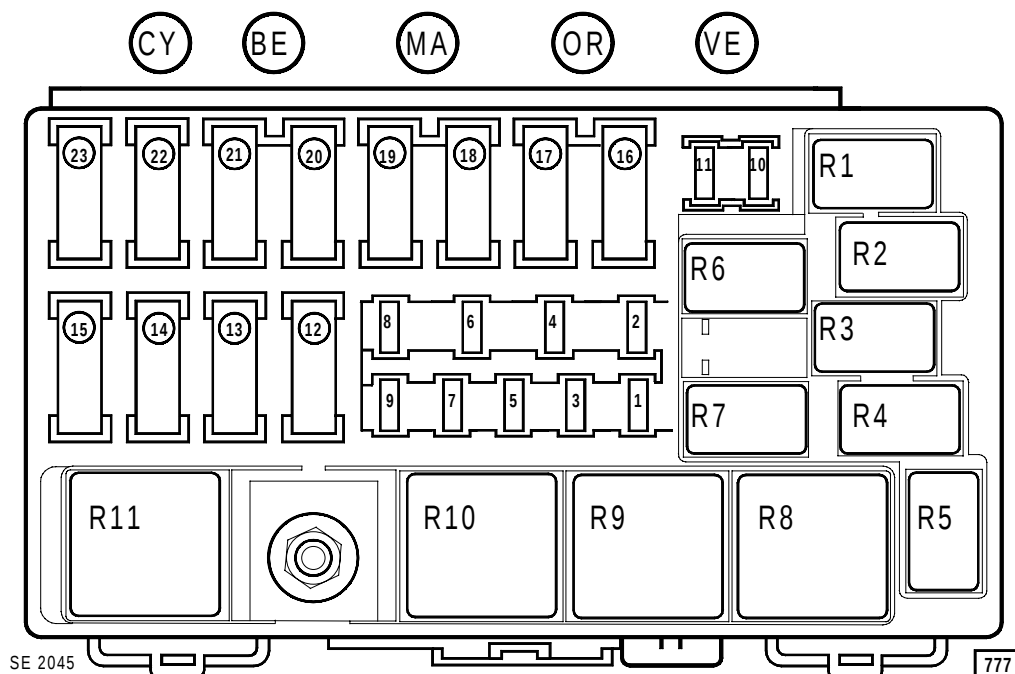


Allocation of fuses (depending on equipment level)

No.	Amps	Connection	Description
FM1	7.5A - 5A	BP42	Fuse: automatic gearbox (119) or liquefied petroleum gas ECU (997)
FM2	10A	AP15	Fuse: auxiliary heater
FM3	30A	BP37	Fuse: injection relay (236 - 983)
FM4	5A-15A	AP4	Fuse: automatic gearbox (119) (DPO 5A or SU1 15A) or liquefied petroleum gas ECU (997) (5A)
FM5	30A	BP27	Fuse: auxiliary heater - Diesel heater relay (450)
FM6	10A	AP29	Fuse: injection ECU (120) - Diesel heater control relay (449-745)
FM7	--	--	Not in use
FM8	10A	3N	Fuse: liquefied petroleum gas solenoid valve (997)
FM9	20A	BP7	Fuse: low speed fan unit (700) Air conditioning clutch and variable displacement actuator
FM10	20A	BP14	Fuse: ABS/ESP computer (1094)
FM11	20A	BP32	Fuse: multifunction horn (1184)
FM12	70A	BP35	Fuse: diesel pre-heating (257)
FM13	70A	BP91	Fuse: thermoplungers (1072-1074) via relay R11 (1068)
FM14	70A	BP9	Fuse: thermoplunger (898) via relay R1 (1067) and thermoplunger (1073) via relay R5 (1069)
FM15	60A	BP71	Fuse: and low speed fan unit (234-700) with air conditioning
FM16	40A	BP15	Fuse: headlight washers - De-icing relay (645)
FM17	40A	BP8	Fuse: ABS/ESP computer (1094) and ABS vacuum (R326)
FM18	70A	BP11	Fuse: passenger compartment No. 1 (209-645)
FM19	70A	BP1	Fuse: passenger compartment (645)
FM20	60A	BP13	Fuse: passenger compartment No. 3 (209-290-645)
FM21	60A	BP12	Fuse: consumer cut-off fuse supply (260-645-710) passenger compartment No. 2
FM22	--	--	Not in use
FM23	--	--	Not in use

Fuses and Relays

Fusebox and relays (engine side)



Allocation of relays (depending on equipment level)

K4M-F4P-F4R-F5R engines

No.	Description
R1	Relay: auxiliary heater 1 (1067-898) (on F4R and F5R)
R2	Relay: liquefied petroleum gas fuel pump cut-off (1196)
R3	Relay: low speed fan unit (700) with air conditioning
R4	Relay: liquefied petroleum gas tank (1457)
R5	Not in use
R6	Relay: fuel pump (236)
R7	Relay: liquid petroleum gas solenoid valve (1161)
R8	Relay: injection locking (238 or 983)
R9	Relay: fan assembly low speed (700) without air conditioning (on K4M)
R10	Relay: fan assembly high speed (234) with air conditioning
R11	Relay: auxiliary heater 2 (1068-1072-1074) (on F4R and F5R)

Fuses and Relays

F4RT engine

No.	Description
R1	Relay: auxiliary heater 1 (1067- 898)
R2	Relay: electrical coolant pump (573)
R3	Relay: fan assembly low speed (700)
R4	Not in use
R5	Not in use
R6	Relay: fuel pump (236)
R7	Relay: heater oil vapour rebreathing pipe (979)
R8	Relay: injection locking (238 or 983)
R9	Relay: air pump (764)
R10	Relay: fan assembly high speed (234)
R11	Relay: auxiliary heater 2 (1068-1072-1074)

L7X engine

No.	Description
R1	Not in use
R2	Relay: fan unit (234) with air conditioning
R3	Not in use
R4	Not in use
R5	Not in use
R6	Relay: injection (1047)
R7	Not in use
R8	Relay: injection locking (238)
R9	Relay: fan unit (234) with air conditioning
R10	Relay: fan unit (700) with air conditioning
R11	Not in use

F9Q- G9T engines

No.	Description
R1	Relay: auxiliary heater 1 (1067-898)
R2	Not in use
R3	Not in use
R4	Not in use
R5	Relay: auxiliary heater 3 (1069-1073)
R6	Relay: fuel pump (236)
R7	Relay: diesel heater (450)
R8	Relay: injection locking (238 or 983)
R9	Relay: fan assembly low speed (700)
R10	Relay: fan assembly high speed (234) with air conditioning
R11	Relay: auxiliary heater 2 (1068-1072-1074)