

FORD GALAXY, SEAT ALHAMBRA & VW SHARAN

1995 to 2000 wiring diagrams

Key to circuits

Diagram 1 Information for wiring diagrams

Diagram 2 Front and rear wash/wipe, airbag, ABS, cigarette lighter and horn

Diagram 3 Central locking, de-icing and sunroof

Diagram 4 Interior lights, headlights, sidelights, licence plate light and tail lights

Diagram 5 Headlight leveling, brake light, direction indicator lights,
hazard warning, reverse lights, foglights and heated seats

Diagram 6 Electric mirrors, electric windows, electric rear quarter windows,
heated rear window and mirrors

Diagram 7 Heater blower, air conditioning and radio

Diagram 8 Additional heater, rear heating, diagnostic connector, starting and charging

Diagram 9 Automatic transmission

Diagram 10 Engine management system (Petrol engines)

Diagram 11 Engine management system (Diesel engines)

Diagram 12 Instrument module

Diagram 13 Engine cooling fans

Wire colours

Br	Brown	Gr	Gray
LB	Light blue	Or	Orange
Bl	Blue	Pk	Pink
Ro	Red	Pu	Purple
Ge	Yellow	Sl	Silver
LG	Light green	Blk	Black
Gn	Green	Ws	White

Key to items

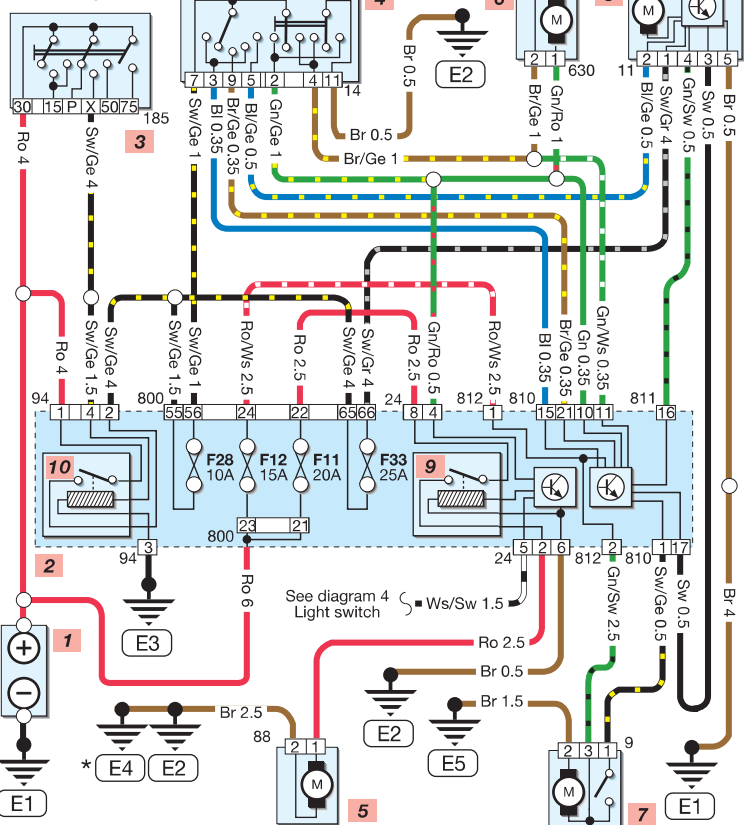
1	Battery	8	Windscreen wiper
2	Central junction box	9	Headlight cleaning relay
3	Ignition switch	10	Load reduction relay
4	Wash/wipe switches	11	Horn relay
5	Headlight washer pump	12	Low pitch horn
6	Washer pump	13	Horn switch
7	Rear wiper motor	14	Hi pitch horn

Diagram 2

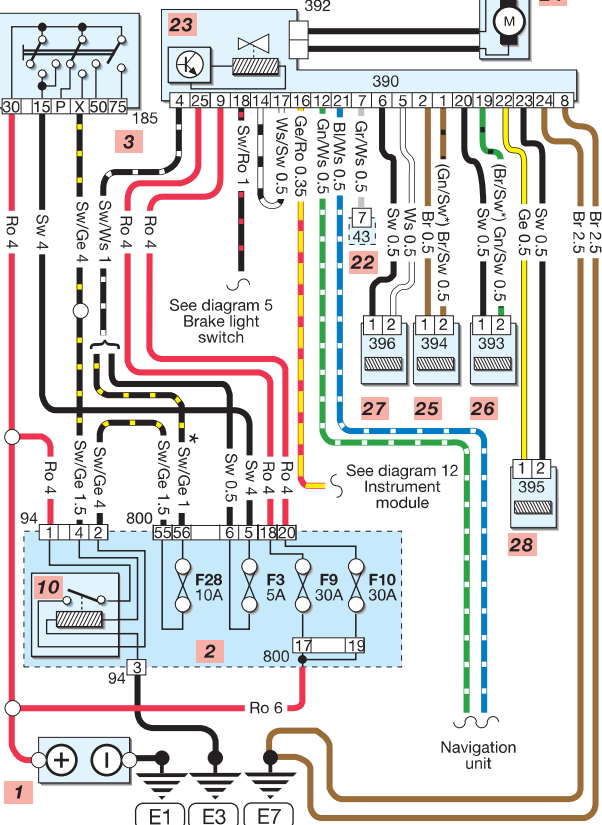
15	Cigarette lighter	22	Diagnostic connector
16	Clock	23	ABS module
17	Heating module	24	ABS pump
18	Airbag module	25	LH front wheel sensor
19	Passenger airbag	26	RH front wheel sensor
20	Drivers airbag	27	LH rear wheel sensor
21	Clock spring	28	RH rear wheel sensor

Pre 08/98
MTS
H32593

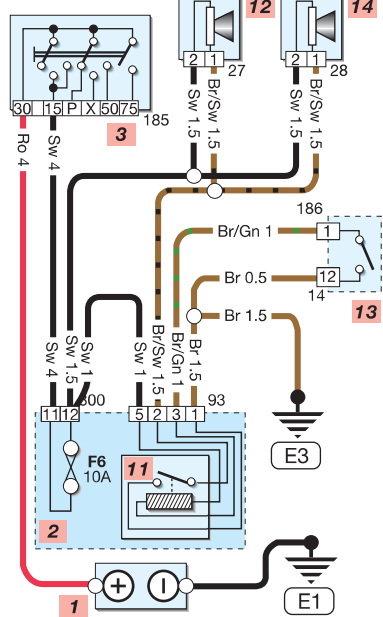
Wash/wipe



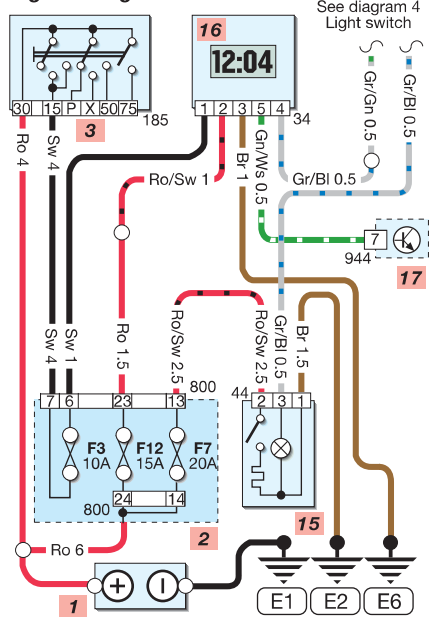
ABS with traction control



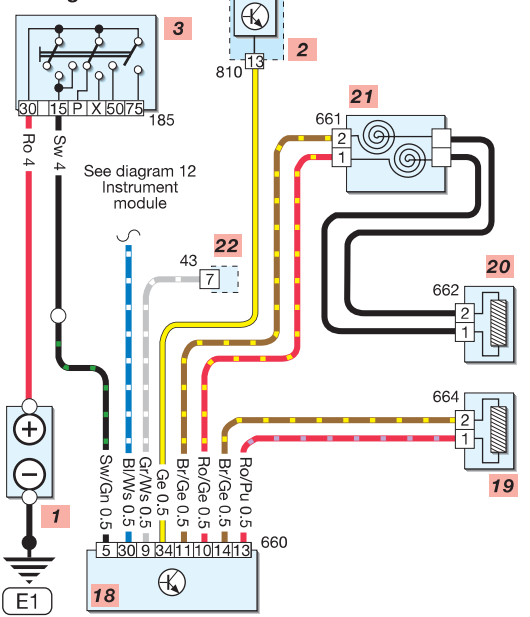
Horns



Cigarette lighter and clock



Airbags



Wire colours

Br Brown
LBL Light blue
Bl Blue
Ro Red
Ge Yellow
LGn Light green
Gn Green

Gr Gray
Or Orange
Pk Pink
Pu Purple
Sl Silver
Sw Black
Ws White

Key to items

1 Battery
2 Central junction box
3 Ignition switch
10 Load reduction relay
29 RH front door lock unit
30 LH front door lock unit
31 RH rear door lock unit
32 LH rear door lock unit
33 RH door lock switch
34 LH door lock switch
35 Tailgate lock switch
36 Fuel flap filler motor
37 Tailgate motor
38 Tailgate switch (inside)

39 Tailgate switch (outside)
40 LH rear door switch
41 LH front door switch
42 RH rear door switch
43 RH front door switch
44 Heated windscreen relay
45 LH heated washer jet

46 RH heated washer jet
47 LH windscreen heater
48 RH windscreen heater
49 Windscreen/rear window heater switch
50 Sunroof switch
51 Sunroof motor unit

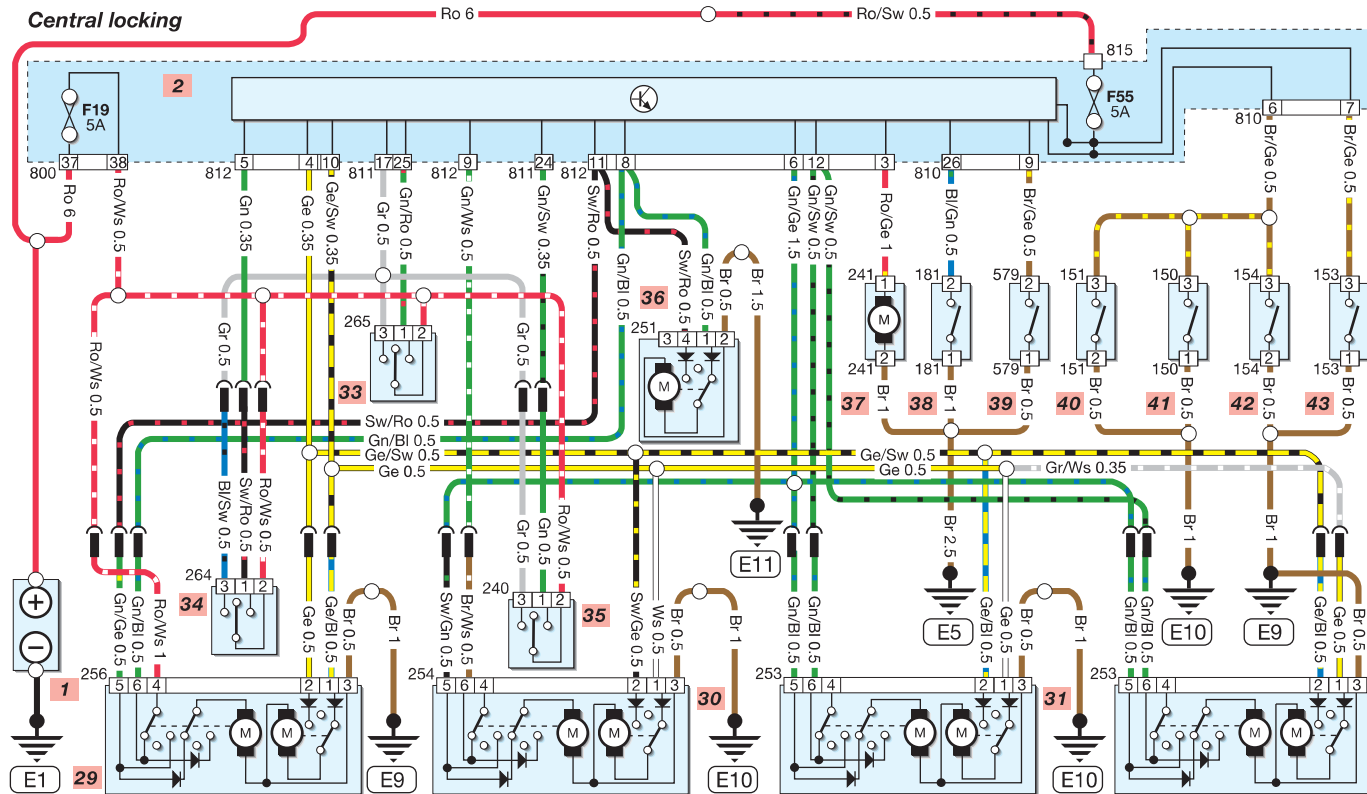
Diagram 3

Pre 08/98

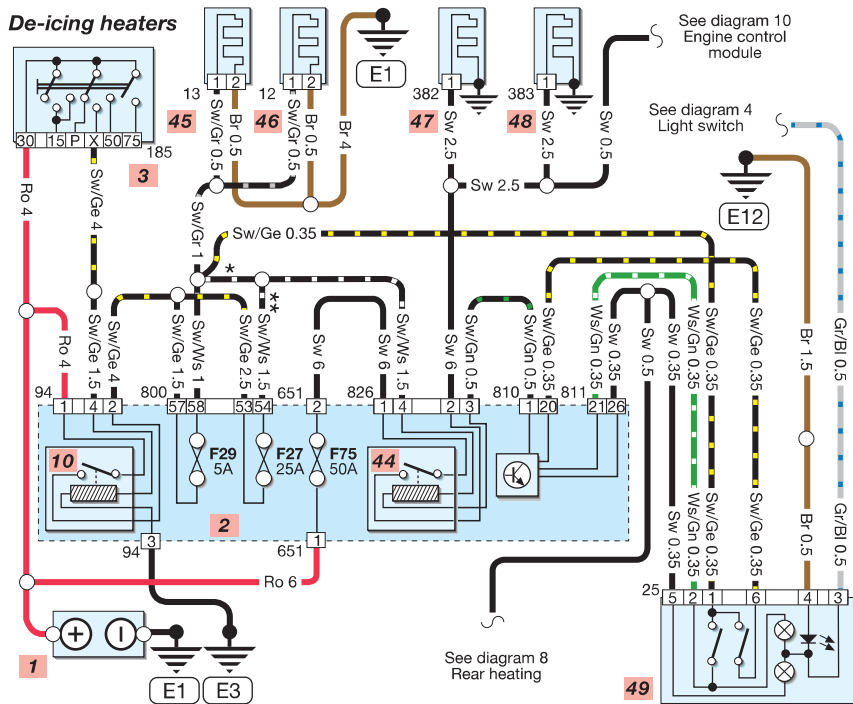
08/98 on

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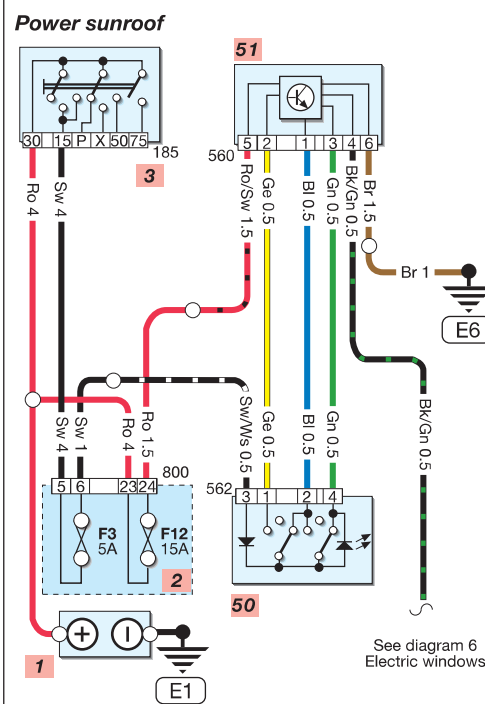
Central locking



De-icing heaters



Power sunroof



Wire colours

Br Brown	Gr Gray
LBl Light blue	Or Orange
Bl Blue	Pk Pink
Ro Red	Pu Purple
Ge Yellow	Sl Silver
LGn Light green	Sw Black
Gn Green	Ws White

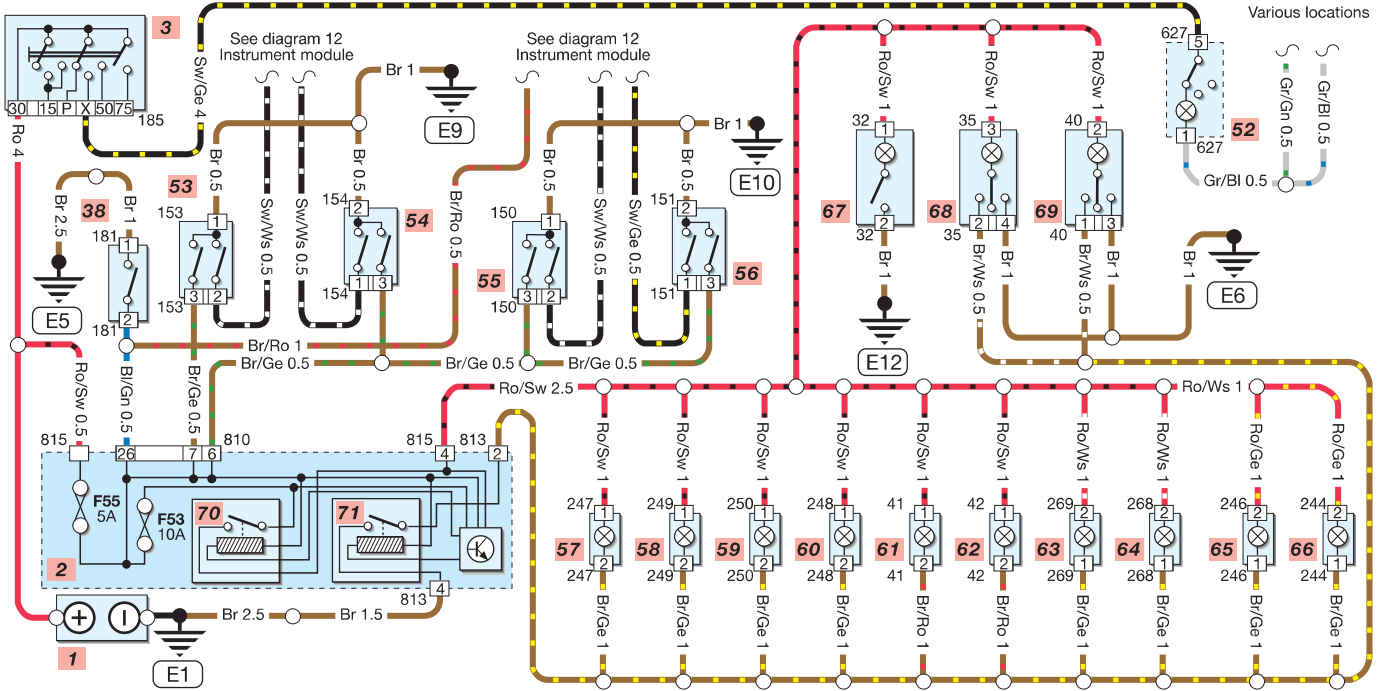
Key to items

1 Battery	57 RH rear footwell light	66 RH rear door entry light	73 RH headlight unit (as 72)
2 Central junction box	58 RH front footwell light	67 Glove box light	74 Dip/main beam relay
3 Ignition switch	59 LH front footwell light	68 Front interior light	75 LH tail unit
38 Tailgate switch (inside)	60 LH rear footwell light	69 Rear interior light	a) tail light
52 Light switch	61 LH boot light	70 Accessory delay relay	76 RH tail unit (as 75)
53 RH front door switch	62 RH boot light	71 Delayed interior light relay	77 LH tailgate assembly
54 RH rear door switch	63 LH front door entry light	72 LH headlight unit	78 RH tailgate assembly
55 LH front door switch	64 RH front door entry light	a) side light	79 LH licence plate light
56 LH rear door switch	65 LH rear door entry light	b) main beam	80 RH licence plate light
		c) dipped beam	

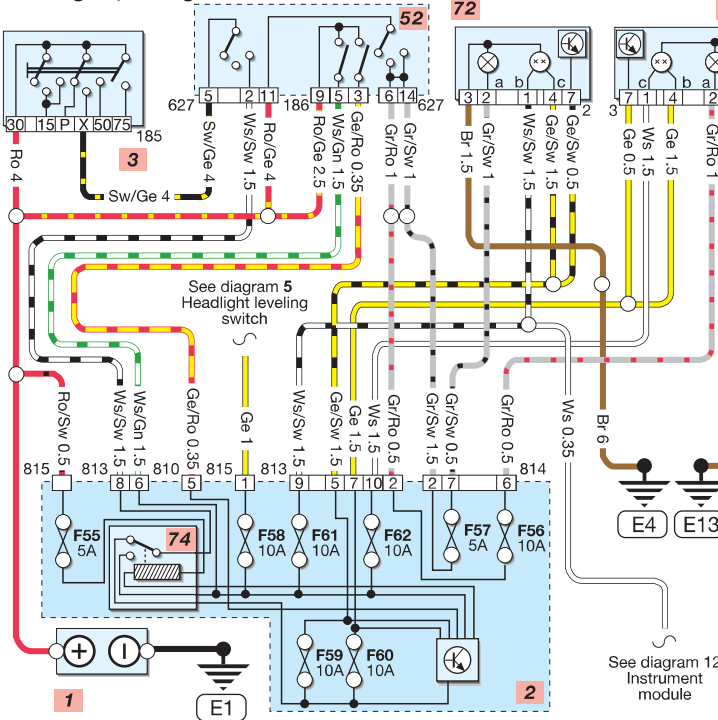
Diagram 4

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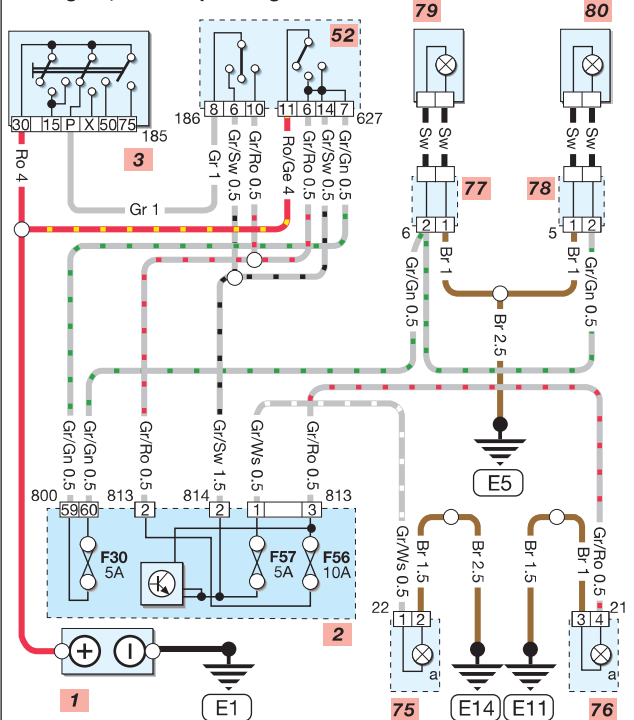
Interior illumination



Headlights, sidelights



Tail lights, licence plate lights



Wire colours

Br Brown
LBl Light blue
Bl Blue
Ro Red
Ge Yellow
LGn Light green
Gn Green

Gr Gray
Or Orange
Pk Pink
Pu Purple
Sl Silver
Sw Black
Ws White

Key to items

1 Battery
2 Central junction box
3 Ignition switch
52 Light switch
72 LH headlight unit
73 RH headlight unit
74 Dip/main beam relay
75 LH tail unit
76 RH tail unit
77 LH tailgate assembly
78 RH tailgate assembly
79 a) reversing light
80 b) fog light
81 Brake light switch
82 High level brake light

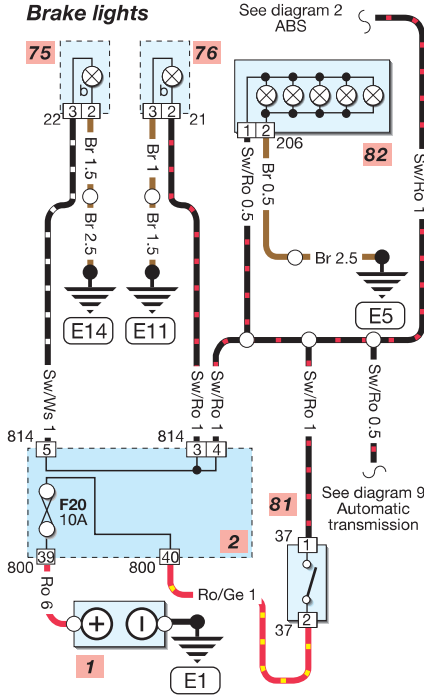
c) direction indicator
83 Gearbox switch
84 LH indicator relay
85 RH indicator relay
86 LH front indicator
87 RH front indicator
88 LH side indicator
89 RH side indicator
90 RH front foglight
91 LH front foglight

92 Rear foglight busbar
93 Heated seat control unit
94 LH seat control unit
95 RH seat control unit
96 LH seat heater
97 RH seat heater
98 LH seat back heater
99 RH seat back heater

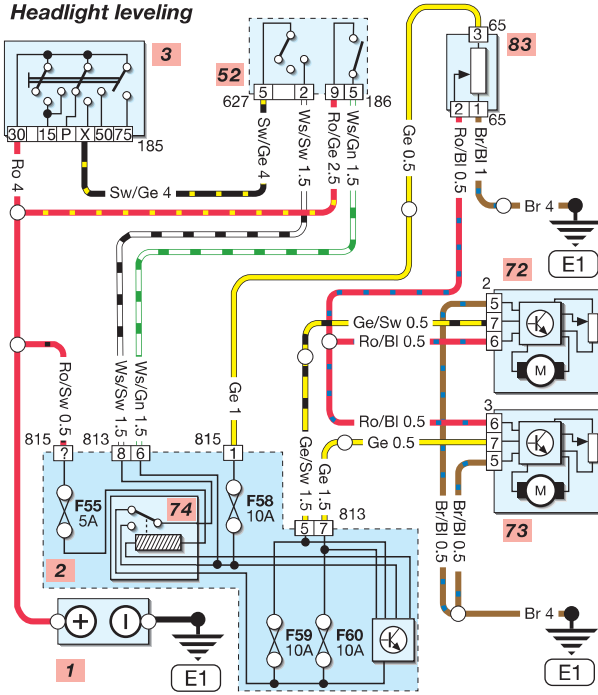
Diagram 5

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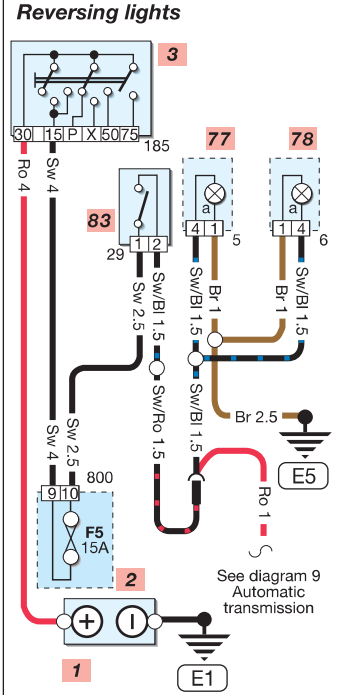
Brake lights



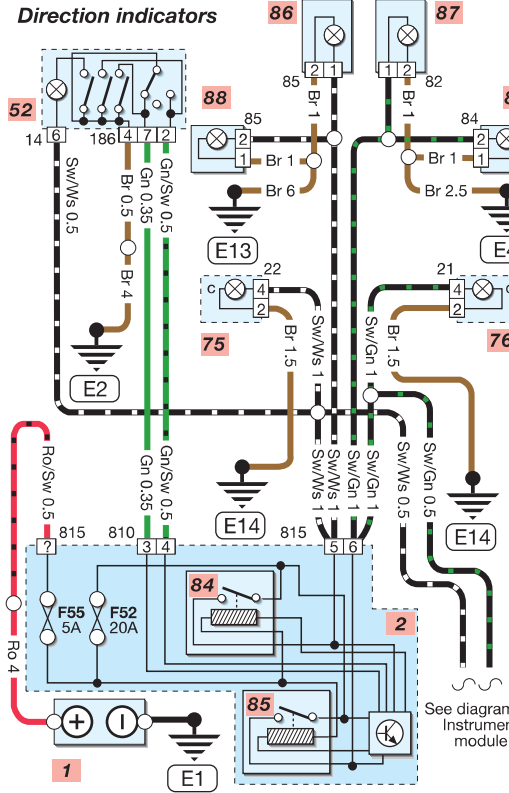
Headlight leveling



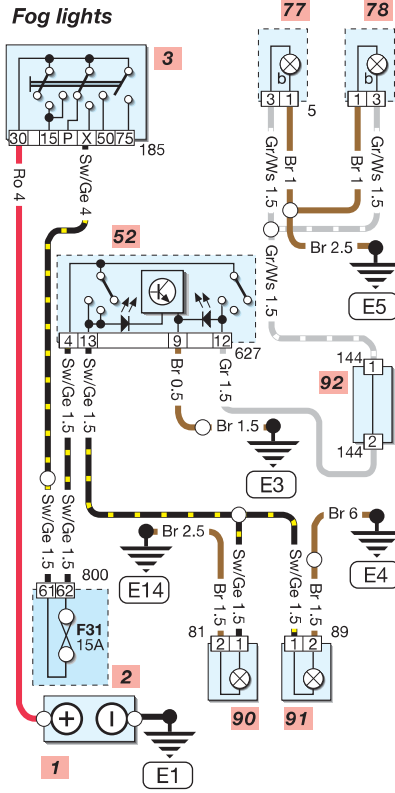
Reversing lights



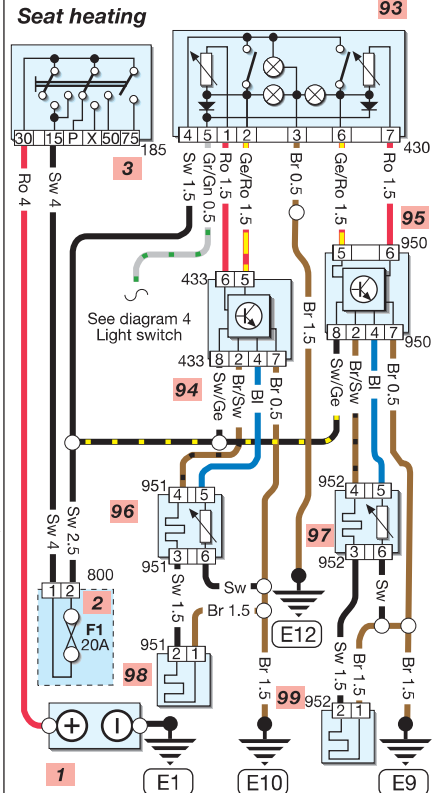
Direction indicators



Fog lights



Seat heating



Wire colours

Br Brown	Gr Gray
LBl Light blue	Or Orange
Bl Blue	Pk Pink
Ro Red	Pu Purple
Ge Yellow	Sl Silver
LGn Light green	Sw Black
Gn Green	Ws White

Key to items

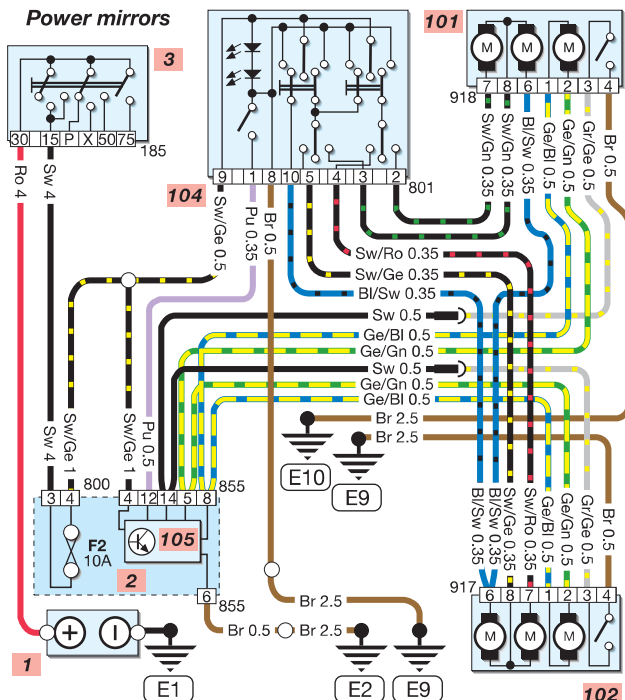
1 Battery	103 Rear window heater
2 Central junction box	104 Power mirror switch
3 Ignition switch	105 Power mirror module
100 Rear window heater relay	106 Rear quarter window switch
101 LH door mirror	107 LH quarter window motor
102 RH door mirror	

108 RH quarter window motor	114 Rear window double switch
109 Quarter light relay	115 RH front window unit
110 RH front window switch	116 LH front window unit
111 LH front window switch	117 RH rear window unit
112 RH rear window switch	118 LH rear window unit
113 LH rear window switch	

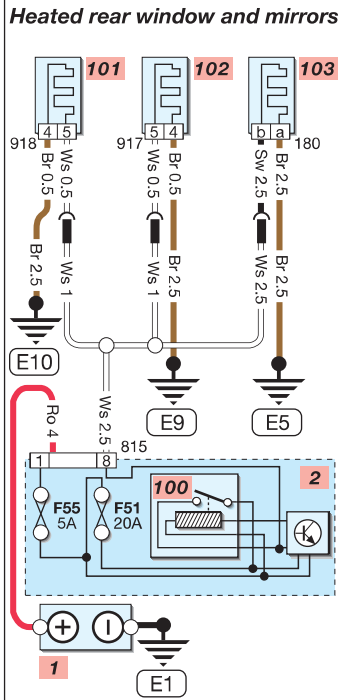
Diagram 6

MTS
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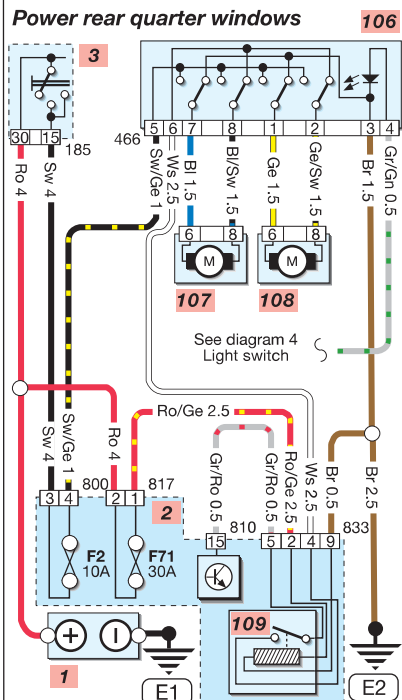
Power mirrors



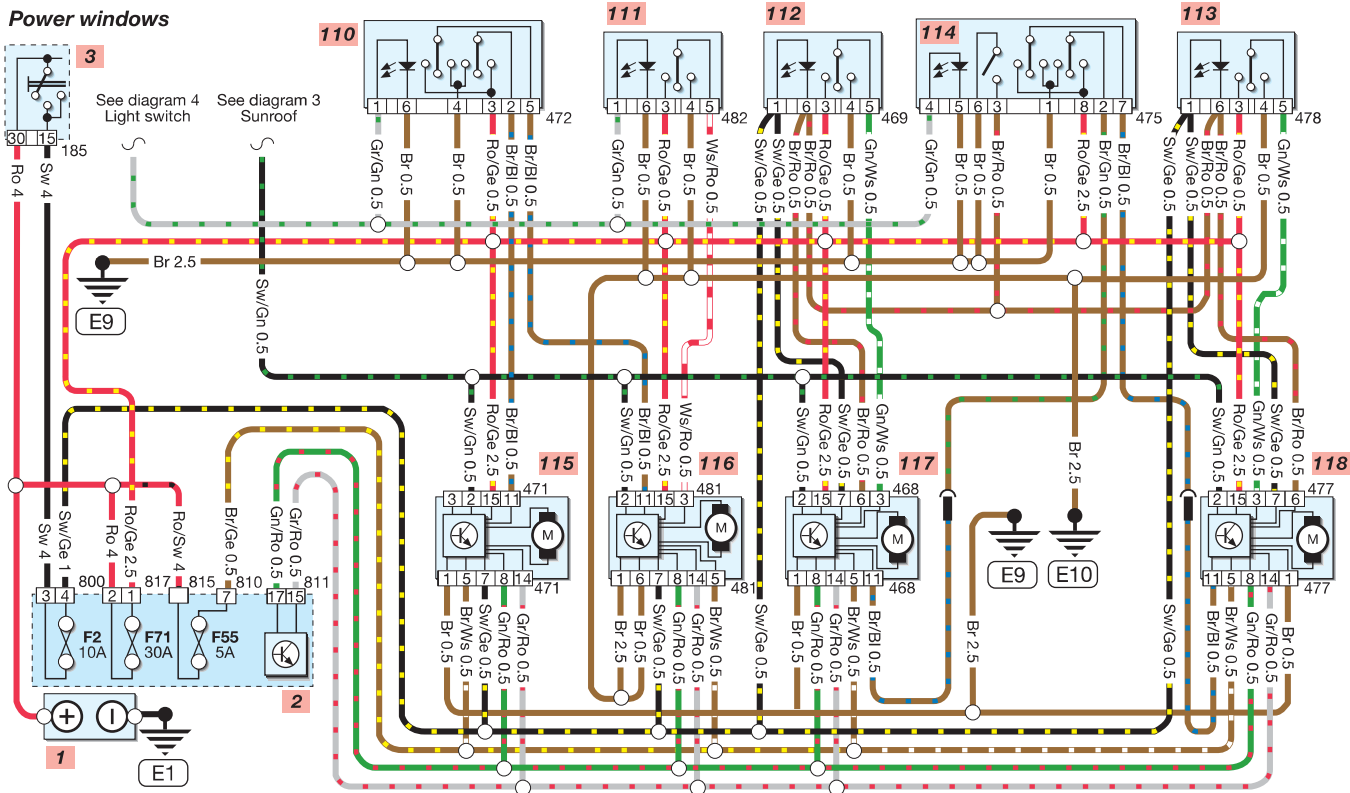
Heated rear window and mirrors



Power rear quarter windows



Power windows



Wire colours

Br	Brown	Gr	Gray
LBl	Light blue	Or	Orange
Bl	Blue	Pk	Pink
Ro	Red	Pu	Purple
Ge	Yellow	Sl	Silver
LGr	Light green	Sw	Black
Gn	Green	Ws	White

Key to items

1	Battery	124	LH rear door speaker	133	De-icing switch
2	Central junction box	125	RH rear door speaker	134	Power relay
3	Ignition switch	126	LH third seat row speaker	135	A/C wide open throttle relay
22	Diagnostic connector	127	RH third seat row speaker	136	Lo speed fan relay
119	Radio	128	Additional heater fan relay	137	Hi speed fan relay
120	LH dash speaker	129	Heater blower switch	138	Radiator fan control unit
121	RH dash speaker	130	Series resistor pack	139	Outside temperature thermo switch
122	LH front door speaker	131	Heater blower motor		
123	RH front door speaker	132	A/C switch		

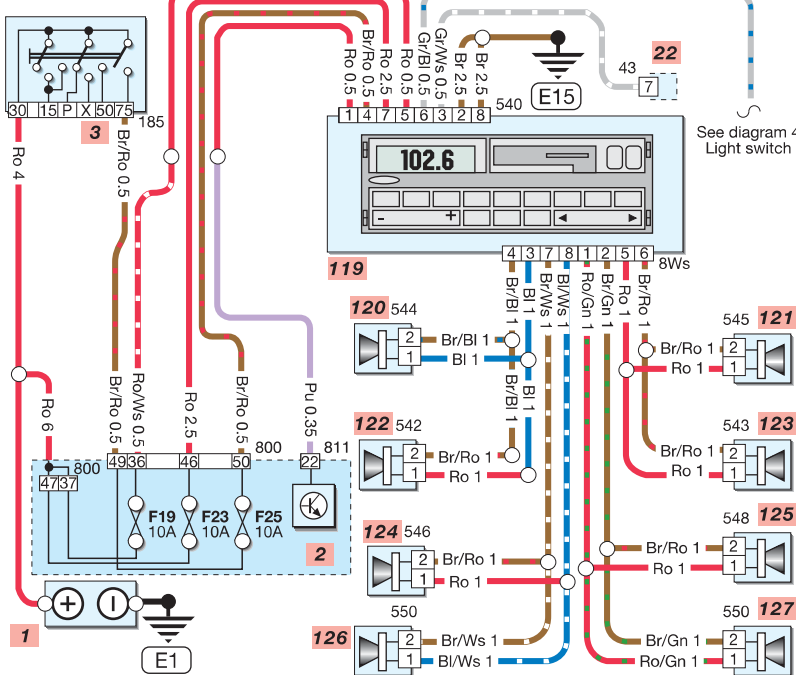
Diagram 7

140	3 way pressure switch
141	Thermo switch 3
142	A/C clutch diode
143	A/C clutch solenoid
144	Cooling fan motor

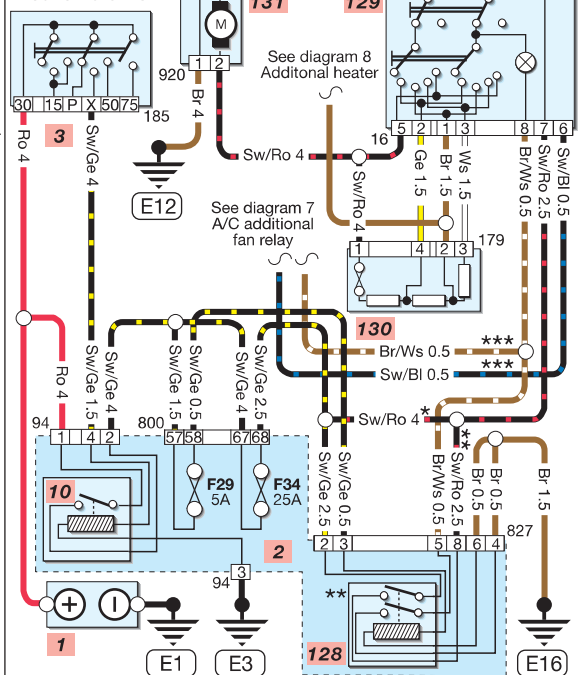
* No additional heater
** Additional heater only
*** A/C only

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H32598

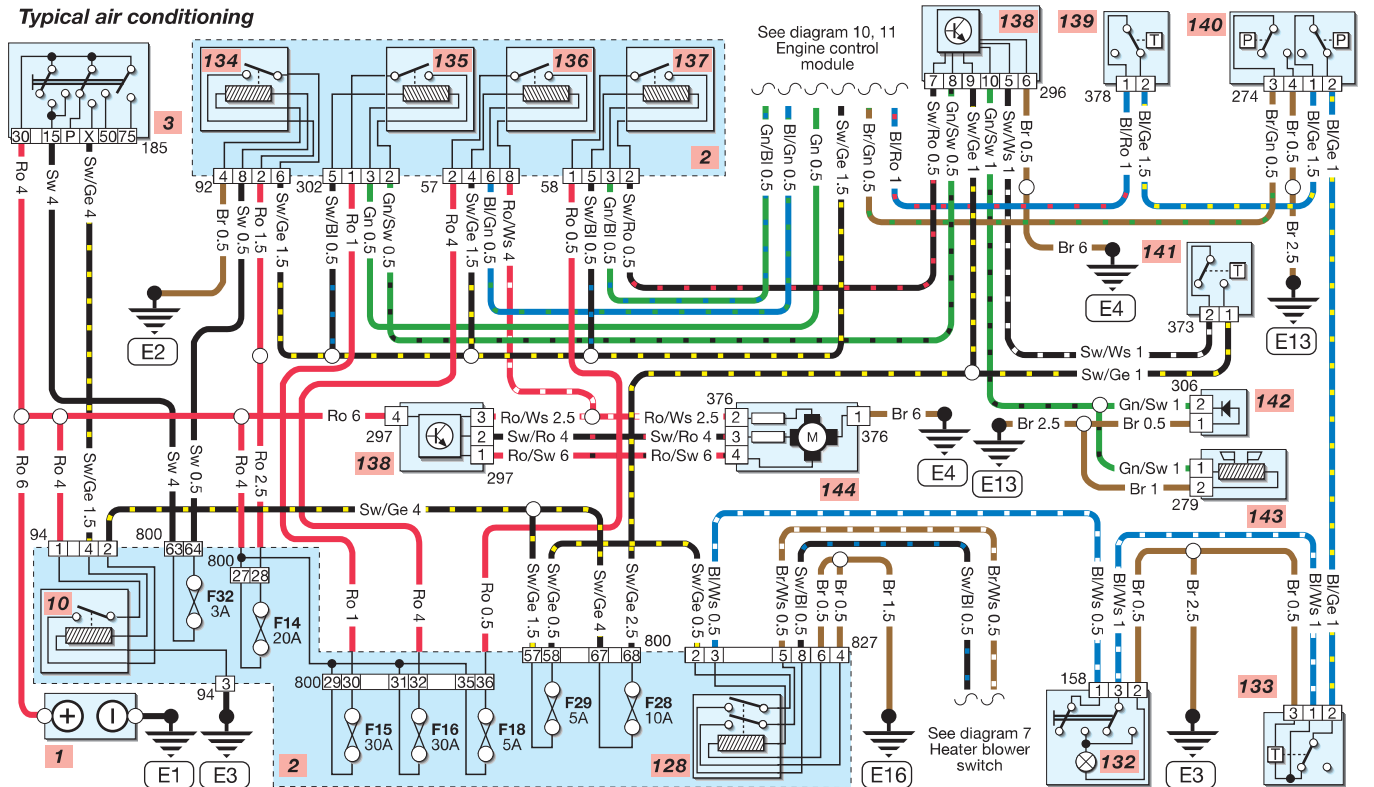
Radio



Heater blower



Typical air conditioning



Wire colours

Br	Brown	Gr	Gray
LBl	Light blue	Or	Orange
Bl	Blue	Pk	Pink
Ro	Red	Pu	Purple
Ge	Yellow	Sl	Silver
LGrn	Light green	Blk	Black
Gn	Green	Ws	White

Key to items

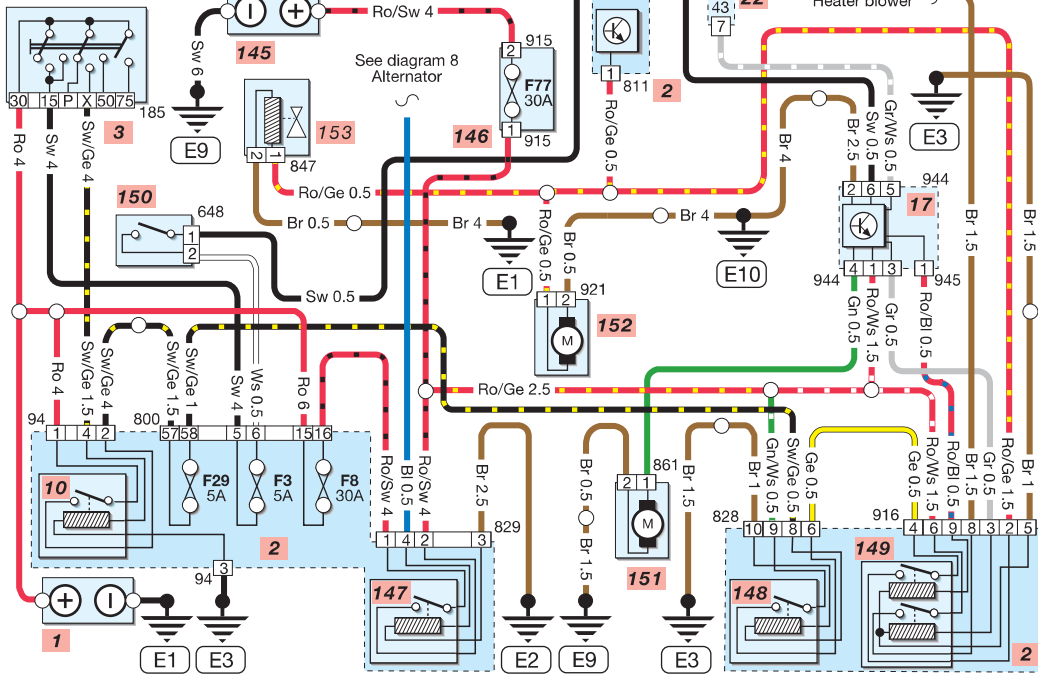
1	Battery	148	Independent heating control relay	155	Rear heater control
2	Central junction box	149	Second speed blower relay	156	Rear blower motor
3	Ignition switch	152	Outside temp thermo switch	157	Auxiliary heater switch
17	Heating module	151	Additional fuel heater pump	158	Second heat exchanger motor
22	Diagnostic connector	152	Additional water pump	159	Second heat exchanger control unit
145	Battery 2	153	Additional heater booster pump solenoid	160	Alarm
146	In line fuse	154	Series resistor pack	161	Starter motor
147	Auxiliary battery heating cut-out relay				

Diagram 8

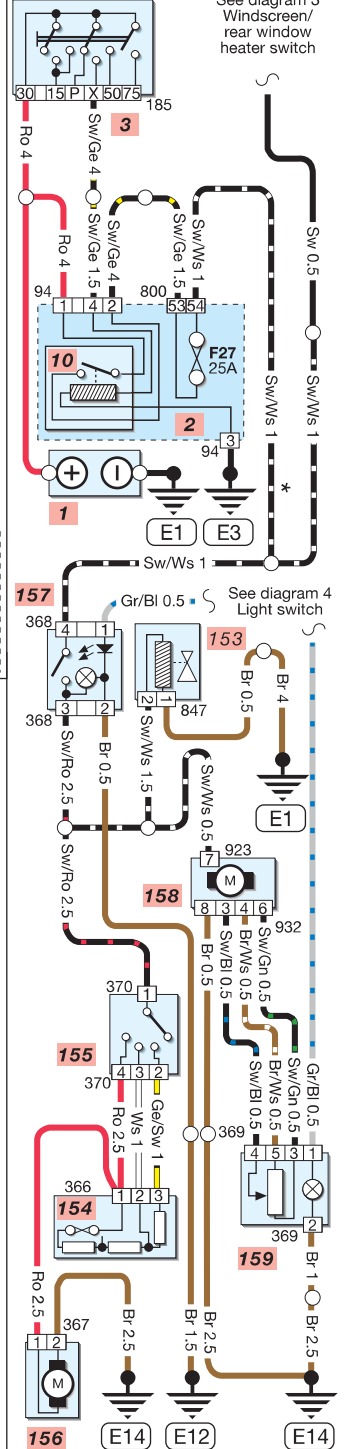
162	Alternator
163	Booster heater
164	Petrol engine control module
165	Diesel engine control module
*	No windscreen heater
**	Windscreen heater only
***	Pre 08/98 only
****	Post 08/98 only
*****	Not 2.0i or 2.3i

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H32599

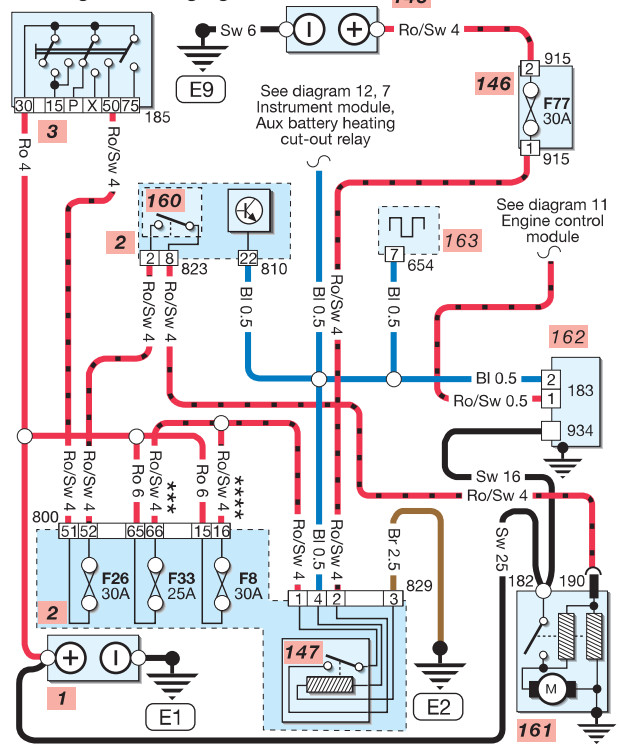
Additional heater



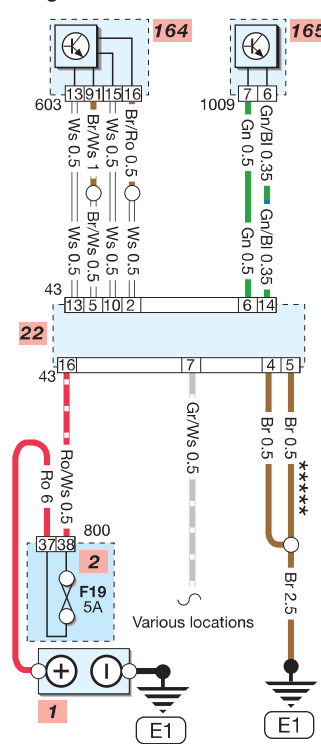
Rear heating



Starting and charging



Diagnostic connector



Wire colours

Br Brown	Gr Gray
LB Light blue	Or Orange
Bl Blue	Pk Pink
Ro Red	Pu Purple
Ge Yellow	Sl Silver
LGn Light green	Sw Black
Gn Green	Ws White

Key to items

1	Battery
2	Central junction box
3	Ignition switch
22	Diagnostic connector
161	Starter motor

166	Automatic transmission relay
167	Transmission control module
168	Shift lock magnetic clutch
169	Gearshift lever
170	Transmission unit

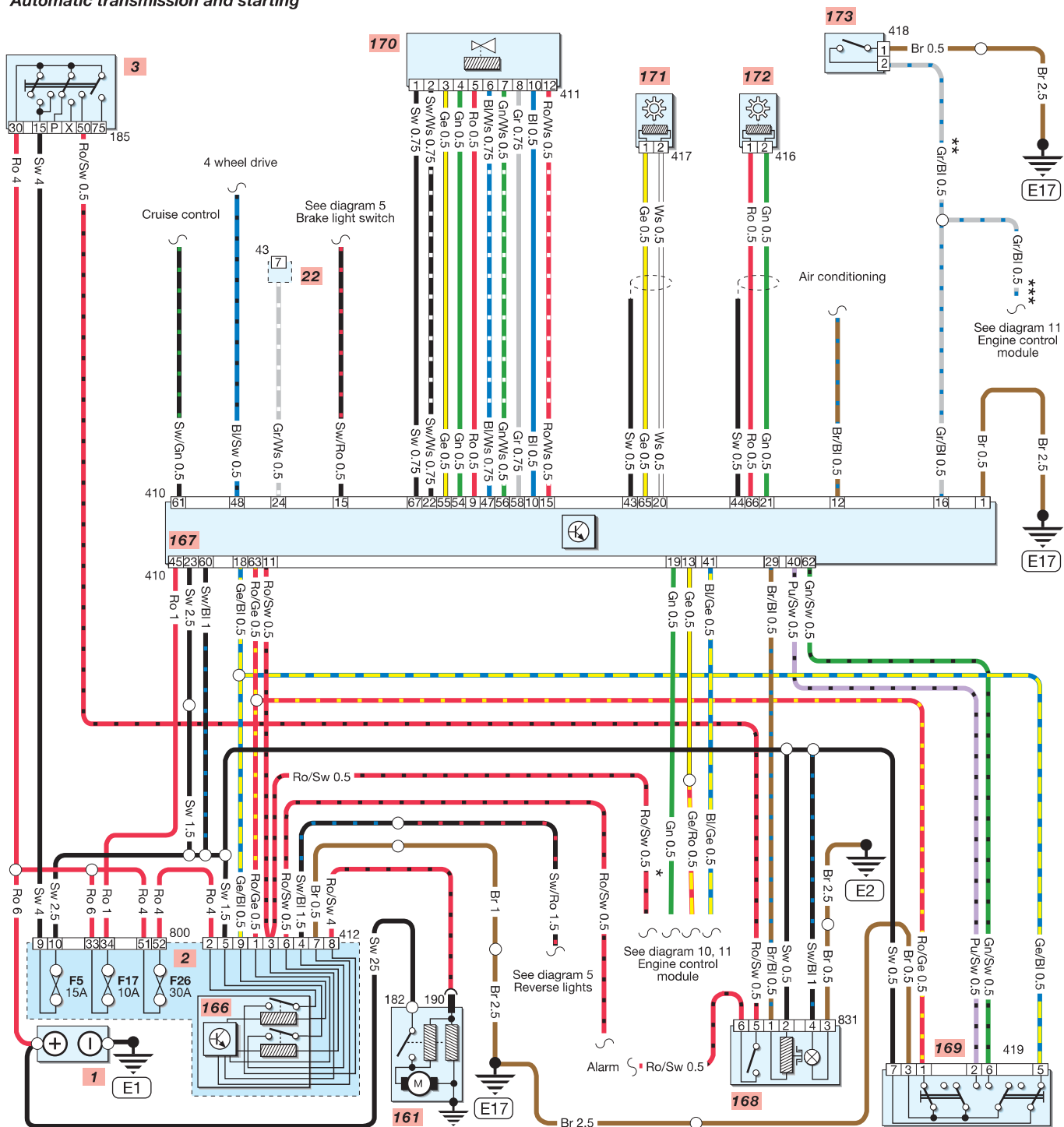
171	Transmission speed sensor
172	Transmission range sensor
173	Kickdown switch

Diagram 9

* 2.8i only
** Not 81kW TDi
*** 81kW TDi only

MTS
H32600

Automatic transmission and starting



Br	Brown	Gr	Gray
LBl	Light blue	Or	Orange
Bl	Blue	Pk	Pink
Ro	Red	Pu	Purple
Ge	Yellow	Sl	Silver
LGn	Light green	Sw	Black
Gn	Green	Ws	White

- 1 Battery
- 2 Central junction box
- 3 Ignition switch
- 134 Power relay
- 164 Petrol engine control module
- 174 Fuel pump relay
- 176 DIS ignition coil A
- 177 DIS ignition coil B
- 178 Spark plug cylinder 1

- 179 Spark plug cylinder 4
180 Spark plug cylinder 2
181 Spark plug cylinder 3
182 Diode
183 EGR control valve
184 Idle speed valve
185 Fuel injector cylinder 1
186 Fuel injector cylinder 2
187 Fuel injector cylinder 3
188 Fuel injector cylinder 4

- 189 Heated oxygen sensor
190 Inertia switch
191 Fuel tank unit
192 Intake air temperature
sensor
193 Octane adjustment plug
194 Engine coolant
temperature sensor
195 Throttle position sensor
196 Exhaust pressure sensor

- 197 Canister purge valve
- 198 Power steering pressure switch
- 199 Clutch switch
- 200 Mass air flow sensor
- 201 Camshaft position sensor
- 202 Crankshaft position sensor

- * 2.0i only
- ** 2.3i only
- *** Auto only

MTS
H32601

The diagram illustrates the electrical wiring for a vehicle, showing the connection of various components to a power source. The components are organized into a grid, with each component labeled by its part number and function. The wiring is color-coded according to the legend.

Legend:

- Br 1: Blue
- Br 2: Brown
- Br 3: Black
- Br 4: Red
- Br 5: Yellow
- Br 6: Green
- Br 7: Purple
- Br 8: Orange
- Br 9: Light Blue
- Br 10: Dark Blue
- Br 11: Light Green
- Br 12: Dark Green
- Br 13: Light Purple
- Br 14: Dark Purple
- Br 15: Light Orange
- Br 16: Dark Orange
- Br 17: Light Yellow
- Br 18: Dark Yellow
- Br 19: Light Green
- Br 20: Dark Green
- Br 21: Light Blue
- Br 22: Dark Blue
- Br 23: Light Purple
- Br 24: Dark Purple
- Br 25: Light Orange
- Br 26: Dark Orange
- Br 27: Light Yellow
- Br 28: Dark Yellow
- Br 29: Light Green
- Br 30: Dark Green
- Br 31: Light Blue
- Br 32: Dark Blue
- Br 33: Light Purple
- Br 34: Dark Purple
- Br 35: Light Orange
- Br 36: Dark Orange
- Br 37: Light Yellow
- Br 38: Dark Yellow
- Br 39: Light Green
- Br 40: Dark Green
- Br 41: Light Blue
- Br 42: Dark Blue
- Br 43: Light Purple
- Br 44: Dark Purple
- Br 45: Light Orange
- Br 46: Dark Orange
- Br 47: Light Yellow
- Br 48: Dark Yellow
- Br 49: Light Green
- Br 50: Dark Green
- Br 51: Light Blue
- Br 52: Dark Blue
- Br 53: Light Purple
- Br 54: Dark Purple
- Br 55: Light Orange
- Br 56: Dark Orange
- Br 57: Light Yellow
- Br 58: Dark Yellow
- Br 59: Light Green
- Br 60: Dark Green
- Br 61: Light Blue
- Br 62: Dark Blue
- Br 63: Light Purple
- Br 64: Dark Purple
- Br 65: Light Orange
- Br 66: Dark Orange
- Br 67: Light Yellow
- Br 68: Dark Yellow
- Br 69: Light Green
- Br 70: Dark Green
- Br 71: Light Blue
- Br 72: Dark Blue
- Br 73: Light Purple
- Br 74: Dark Purple
- Br 75: Light Orange
- Br 76: Dark Orange
- Br 77: Light Yellow
- Br 78: Dark Yellow
- Br 79: Light Green
- Br 80: Dark Green
- Br 81: Light Blue
- Br 82: Dark Blue
- Br 83: Light Purple
- Br 84: Dark Purple
- Br 85: Light Orange
- Br 86: Dark Orange
- Br 87: Light Yellow
- Br 88: Dark Yellow
- Br 89: Light Green
- Br 90: Dark Green
- Br 91: Light Blue
- Br 92: Dark Blue
- Br 93: Light Purple
- Br 94: Dark Purple
- Br 95: Light Orange
- Br 96: Dark Orange
- Br 97: Light Yellow
- Br 98: Dark Yellow
- Br 99: Light Green
- Br 100: Dark Green

Components and Connections:

- 1** 185: 30 15 PIX 5075
- 2** 185: 30 15 PIX 5075
- 3** 185: 30 15 PIX 5075
- 4** 185: 30 15 PIX 5075
- 5** 185: 30 15 PIX 5075
- 6** 185: 30 15 PIX 5075
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- 8** 185: 30 15 PIX 5075
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- 10** 185: 30 15 PIX 5075
- 11** 185: 30 15 PIX 5075
- 12** 185: 30 15 PIX 5075
- 13** 185: 30 15 PIX 5075
- 14** 185: 30 15 PIX 5075
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- 25** 185: 30 15 PIX 5075
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- 41** 185: 30 15 PIX 5075
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- 65** 185: 30 15 PIX 5075
- 66** 185: 30 15 PIX 5075
- 67** 185: 30 15 PIX 5075
- 68** 185: 30 15 PIX 5075
- 69** 185: 30 15 PIX 5075
- 70** 185: 30 15 PIX 5075
- 71** 185: 30 15 PIX 5075
- 72** 185: 30 15 PIX 5075
- 73** 185: 30 15 PIX 5075
- 74** 185: 30 15 PIX 5075
- 75** 185: 30 15 PIX 5075
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- 77** 185: 30 15 PIX 5075
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- 81** 185: 30 15 PIX 5075
- 82** 185: 30 15 PIX 5075
- 83** 185: 30 15 PIX 5075
- 84** 185: 30 15 PIX 5075
- 85** 185: 30 15 PIX 5075
- 86** 185: 30 15 PIX 5075
- 87** 185: 30 15 PIX 5075
- 88** 185: 30 15 PIX 5075
- 89** 185: 30 15 PIX 5075
- 90** 18

Wire colours

Br	Brown	Gr	Gray
LB	Light blue	Or	Orange
Bl	Blue	Pk	Pink
Ro	Red	Pu	Purple
Ge	Yellow	Sl	Silver
LG	Light green	Sw	Black
Gn	Green	Ws	White

Key to items

1	Battery
2	Central junction box
3	Ignition switch
81	Brake pedal switch
165	Diesel engine control module
192	Intake air temperature sensor
199	Clutch switch

200	Mass air flow sensor
203	Pre glow relay
204	Crankcase heater
205	Glow plug 1
206	Glow plug 2
207	Glow plug 3
208	Glow plug 4
209	Diesel power supply relay

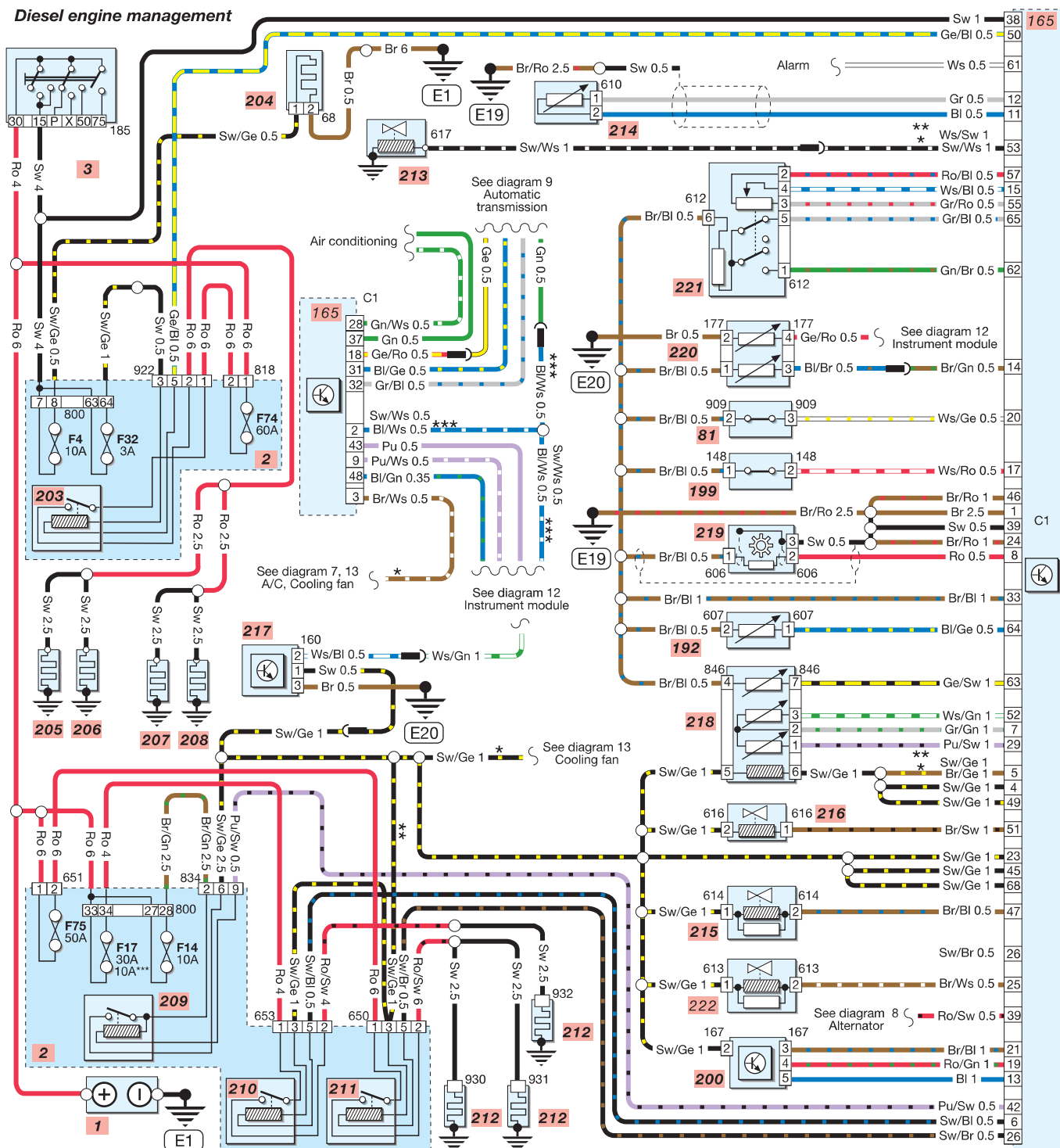
210	Glow plug heater relay 2
211	Glow plug heater relay 1
212	Additional coolant heater
213	Engine stop control solenoid
214	Needle lift sensor
215	Boost control valve
216	Start of injection solenoid
217	Vehicle speed sensor

218	Pump unit
219	Engine speed sensor
220	Engine coolant temperature sensor
221	Diesel pedal sensor
222	EGR valve
*	81kW only
**	66kW only
***	Auto only

Diagram 11

MTS
H32602

Diesel engine management



Wire colours

Br Brown	Gr Gray
LB Light blue	Or Orange
Bl Blue	Pk Pink
Ro Red	Pu Purple
Ge Yellow	Sl Silver
LG Light green	Sw Black
Gn Green	Ws White

Key to items

1	Battery
2	Central junction box
3	Ignition switch
22	Diagnostic connector
191	Fuel tank unit
217	Vehicle speed sensor
220	Engine coolant sensor
223	Instrument module
a)	illumination
b)	fuel gauge

c)	low coolant level
d)	trailer tell-tell light
e)	luggage compartment open
f)	RH front door open
g)	LH front door open
h)	LH rear door open
i)	RH rear door open
j)	main beam warning
k)	LH indicator tell-tail
l)	RH indicator tell-tail

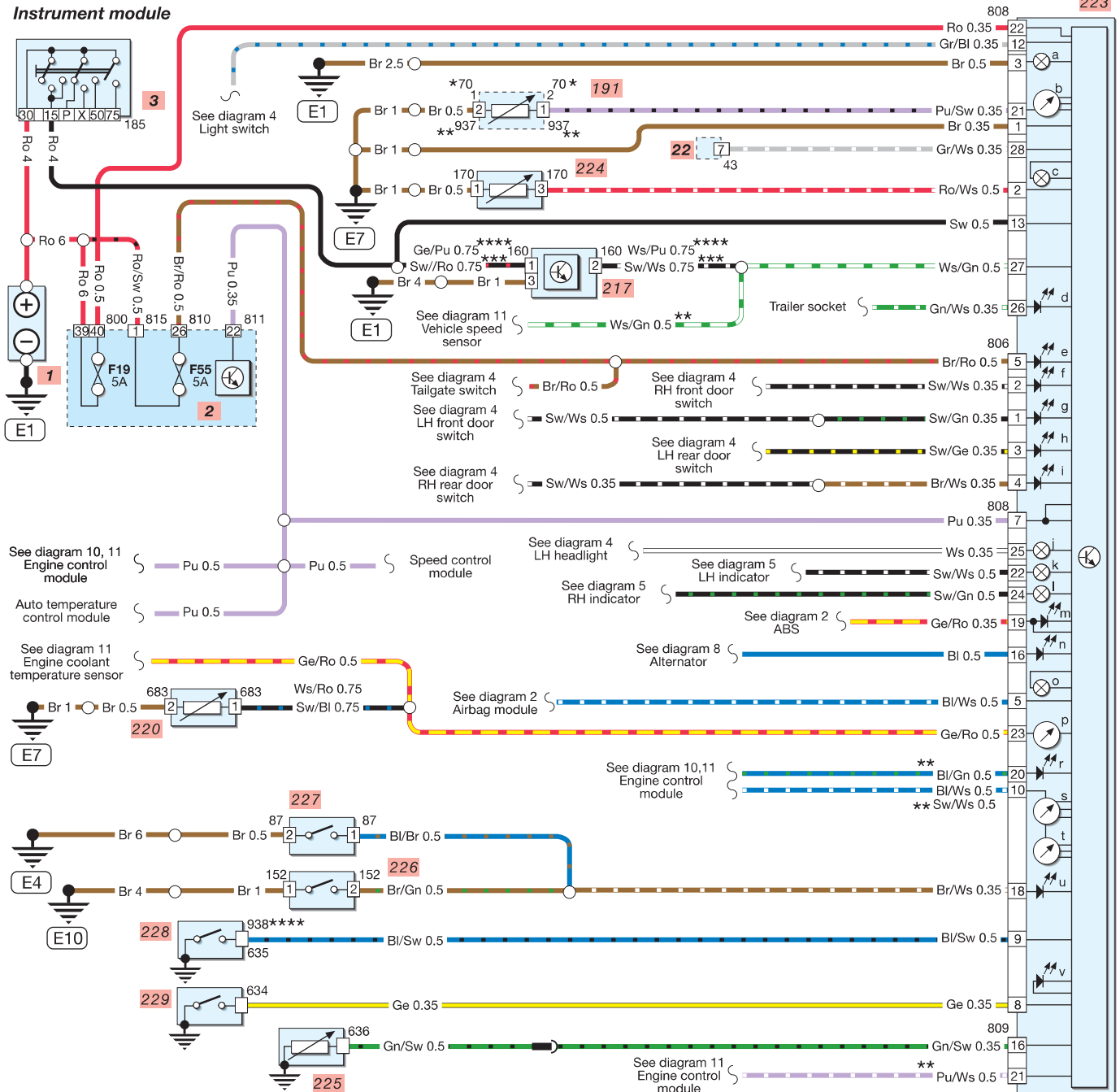
m)	ABS
n)	Charge warning
o)	airbag
p)	temp gauge
r)	glow warning
s)	tachometer
t)	speedometer
u)	brake warning
v)	oil pressure warning
224	Coolant level sensor

225	Oil temperature sensor
226	Hand brake switch
227	Brake fluid level switch
228	Low oil pressure switch
229	High oil pressure switch
*	Petrol only
**	Diesel only
***	2.0i only
****	2.3i only
*****	1.9 TDI only

Diagram 12

MTS
H32603

Instrument module



Wire colours

Br Brown	Gr Gray
LBl Light blue	Or Orange
Bl Blue	Pk Pink
Ro Red	Pu Purple
Ge Yellow	Sl Silver
LGn Light green	Sw Black
Gn Green	Ws White

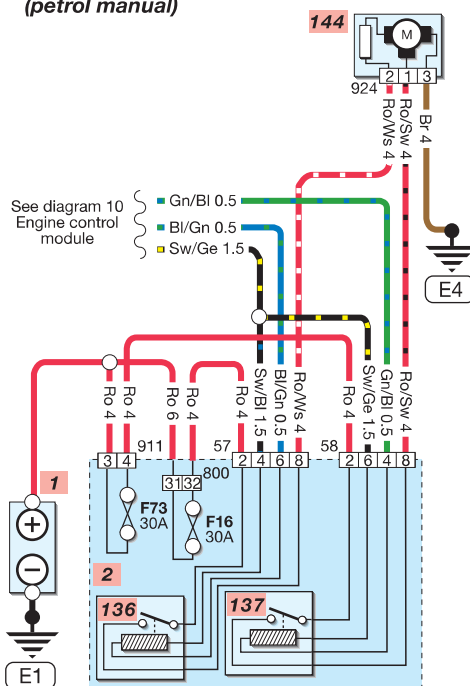
Key to items

1 Battery	144 Cooling fan motor
2 Central junction box	230 Engine cooling fan resistor
3 Ignition switch	231 Cooling fan motor 2
136 Lo speed fan relay	232 Thermo switch
137 Hi speed fan relay	
138 Radiator fan control unit	

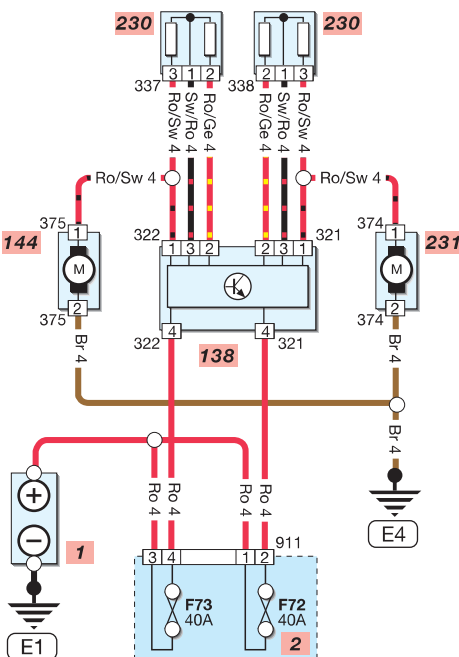
Diagram 13

MTS
H32604

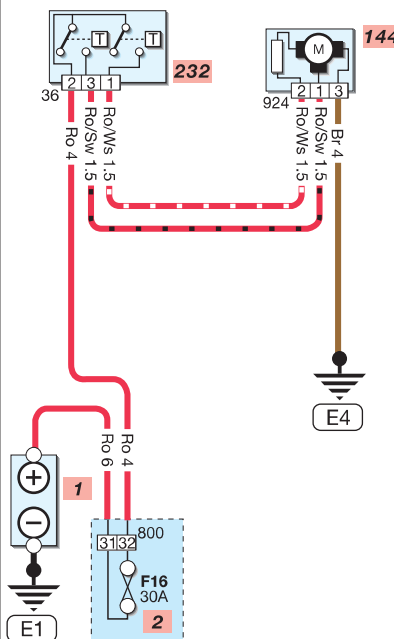
Engine cooling fan (petrol manual)



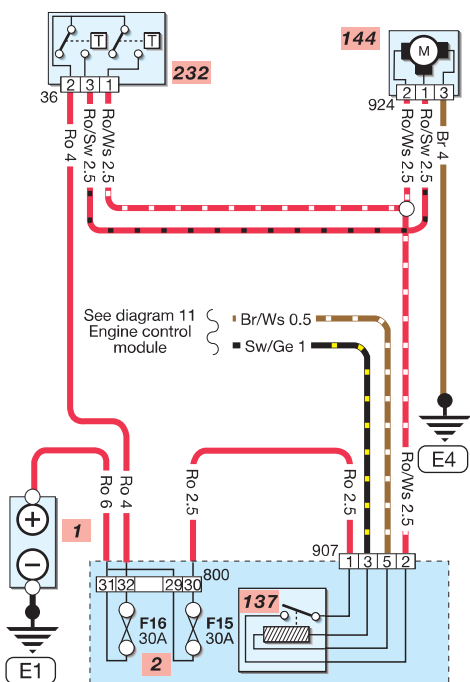
Engine cooling fan (petrol automatic)



Engine cooling fan (66kW diesel manual)



Engine cooling fan (81kW diesel manual)



Engine cooling fan (81kW diesel automatic)

