

Citroen Xsara wiring diagrams

Key to circuits

Diagram 1 Information for wiring diagrams

Diagram 2 Starting, charging and engine cooling fan

Diagram 3 Engine cooling fan and air conditioning

Diagram 4 Air conditioning

Diagram 5 Pre-heating, coolant level/seat belt warning lights

Diagram 6 Warning lights and gauges

Diagram 7 Lights on warning and key reminder, interior lighting

Diagram 8 Exterior lighting

Diagram 9 Exterior lighting continued and horn

Diagram 10 Heater blower, heated rear window and mirrors, cigar lighter, clock and external temp. sensor

Diagram 11 Clock, sunroof, headlight levelling and audio system

Diagram 12 Wash/wipe

Diagram 13 Electric windows and powered seat

Diagram 14 Central locking, electric mirrors and ABS

Diagram 15 Sagem SL96 fuel injection system

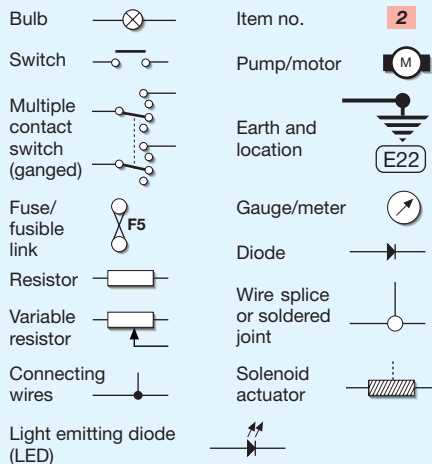
Diagram 16 Bosch MP5.2 Motronic fuel injection system

Diagram 17 MM1AP fuel injection system

Diagram 18 HDi Diesel engine management system (part 1)

Diagram 19 HDi Diesel engine management system (part 2)

Key to symbols



Wire identifier and colour (Orange) CC05 (OR)
 note: colours may not resemble actual vehicle due to variations in production!

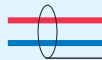
Connections to other circuits. Direction of arrow denotes current flow.



Denotes alternative wiring variation (brackets)



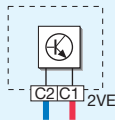
Screened cable



Dashed outline denotes part of a larger item, containing in this case an electronic or solid state device.

C2 - connector pin identification.

2VE - 2 pin green connector.



Key to circuits

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Diagram 3	Engine cooling fan and air conditioning
Diagram 4	Air conditioning
Diagram 5	Pre-heating, coolant level/seat belt warning lights
Diagram 6	Warning lights and gauges
Diagram 7	Lights on warning and key reminder, interior lighting
Diagram 8	Exterior lighting
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Diagram 10	Heater blower, heated rear window and mirrors, cigar lighter, clock and external temp. sensor
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Diagram 14	Central locking, electric mirrors and ABS
Diagram 15	Sagem SL96 fuel injection system
Diagram 16	Bosch MP5.2 Motronic fuel injection system
Diagram 17	MM1AP fuel injection system
Diagram 18	HDi Diesel engine management system (part 1)
Diagram 19	HDi Diesel engine management system (part 2)

Earth locations

E1	Near battery
E2	LH front of car
E3	LH front of car
E4	LH front of car
E5	LH front of car
E6	RH front inner wing
E7	RH front inner wing
E8	Front LH footwell
E9	Front LH footwell
E10	Front RH footwell
E11	Front RH footwell
E12	Centre console
E13	Centre console
E14	Centre console
E15	Centre console
E16	LH rear of car
E17	RH rear of car
E18	RH rear of car
E19	RH rear of car
E20	RH rear of car
E21	Near courtesy light
E22	On gearbox
E23	On cylinder head

Engine fuse box

Fuse	Rating	Circuit protected
F1	20A	Headlight washer timer
F2	-	Spare
F3	30A	Fan
F4	-	Spare
F5	30A	Fan
F6	20A	Front foglight relay
F7	-	Spare
F8	-	Spare
F9	15A	Fuel pump
F10	10A	Throttle housing heater resistor
F11	15A	Oxygen sensor
F12	10A	LH main beam headlight
F13	10A	RH main beam headlight
F14	10A	LH dipped beam headlight
F15	10A	RH dipped beam headlight

Passenger fuse box

Fuse	Rating	Circuit protected
F1	10A	Radio, CD player
F2	5A	A/T selector illumination, air conditioning, vehicle speed sensor, coolant level warning light, instrument cluster, central protection unit, heater blower, diagnostic socket
F3	10A	Anti-lock brakes
F4	5A	LH front sidelight, RH rear tail light
F5	5A	Spare
F6	10A	Auto. trans. information relay
F7	20A	Horn
F8	-	Shunt (SH) placed here on vehicle delivery
SH	-	Delivery position of shunt (replaces F8 thereafter)
F9	5A	RH front sidelight, LH rear tail light, number plate lights
F10	30A	Rear electric windows
F11	-	Spare
F12	20A	Instrument panel, stop lights, reversing lights, engine management double function relay
F13	20A	Spare
F14	-	Spare
F15	20A	Engine cooling fan, central protection unit
F16	20A	Cigar lighter, accessory socket
F17	-	Spare
F18	10A	Rear fog lights
F19	5A	Illumination rheostat
F20	-	Spare
F21	30A	Heater blower, air conditioning
F22	15A	Powered seat
F24	20A	Wash/wipe and heated rear window switch, front wiper motor, rain sensor
F25	10A	Air conditioning, instrument cluster, central protection unit, diagnostic socket, digital clock/external temp. gauge, analogue clock, radio
F26	15A	Hazard warning light
F27	30A	Electric front windows, electric sunroof
F28	15A	Rear window inhibitor switch, direction indicators, instrument cluster, glove box light
F29	30A	Heated rear window and mirrors
F30	15A	Vanity light, reading light, exterior temp. gauge, front window lift and sunroof relay, rear wiper motor, rain sensor, rear window lift relay, electric mirrors

Wire colours

BA	White	OR	Orange
BE	Blue	RG	Red
BG	Beige	RS	Pink
GR	Grey	VE	Green
JN	Yellow	VI	Mauve
MR	Brown	VJ	Green/Yellow
NR	Black		

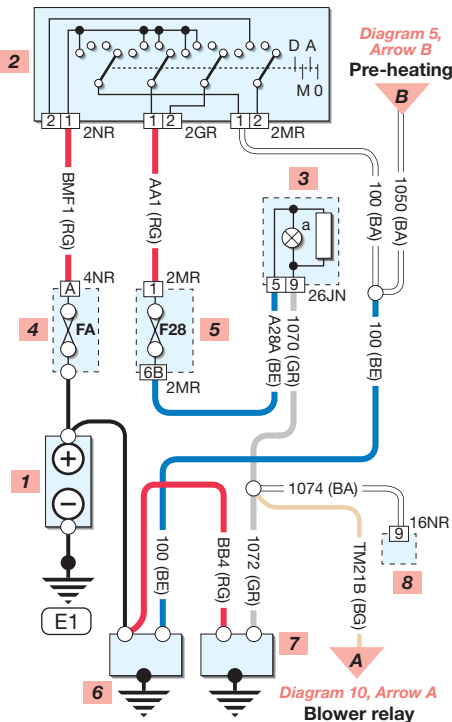
Key to items

1	Battery	7	Alternator	13	Cooling fan relay
2	Ignition switch	8	Diagnostic connector	14	Cooling fan dual temperature switch
3	Instrument cluster	9	Automatic transmission information relay	15	Engine fusebox
a	= alternator warning light	10	Cooling fan switch	16	Maxifuse unit 2
4	Maxifuse unit 1	11	Cooling fan motor	17	LH cooling fan
5	Passenger fusebox	12	Cooling fan resistor	18	RH cooling fan
6	Starter motor				

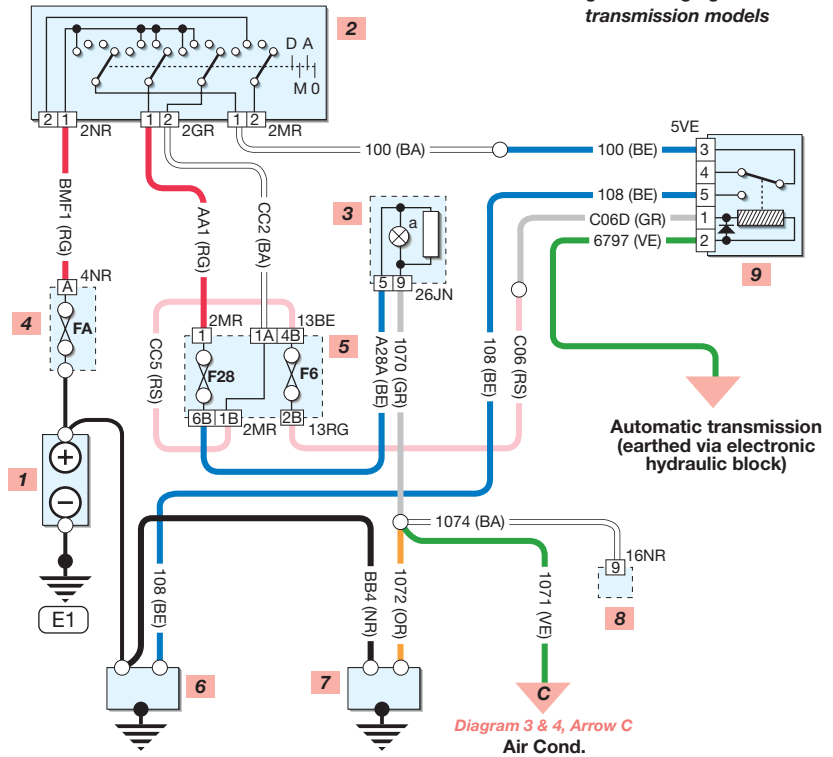
Diagram 2

H31991

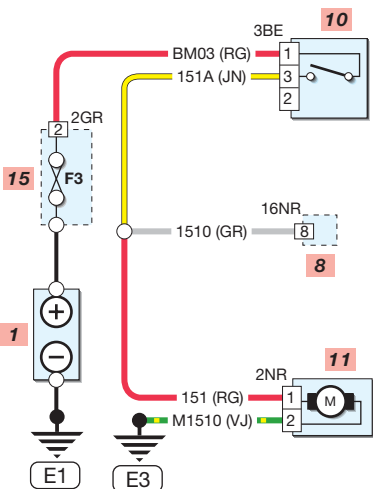
Starting and charging - manual transmission models



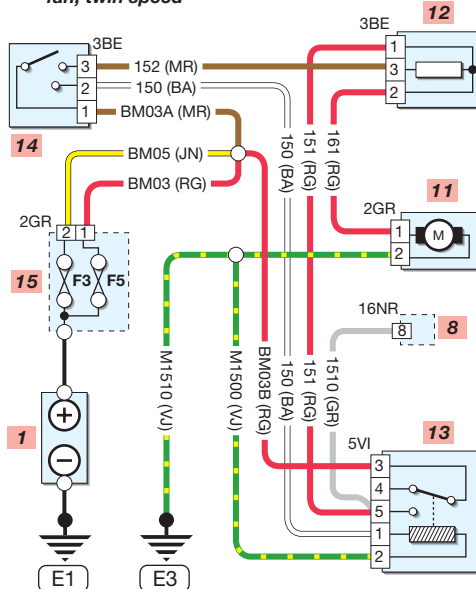
Starting and charging - automatic transmission models



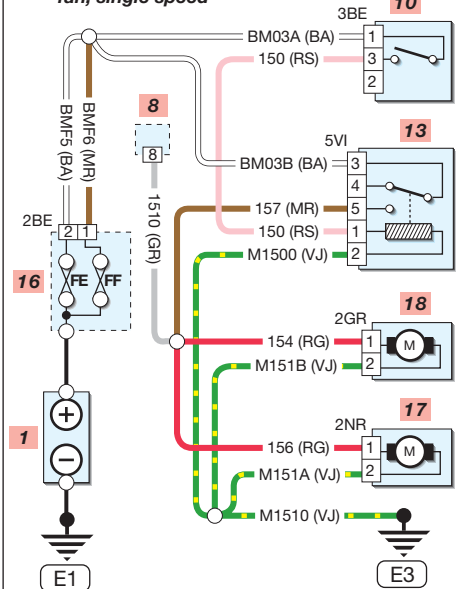
Engine cooling fan - single fan, single speed



Engine cooling fan - single fan, twin speed



Engine cooling fan - twin fan, single speed



BA	White	OR	Orange
BE	Blue	RG	Red
BG	Beige	RS	Pink
GR	Grey	VE	Green
JN	Yellow	VI	Mauve
MR	Brown	VJ	Green/ Yellow
NR	Black		

- 1 Battery
- 2 Ignition switch
- 4 Maxifuse unit 1
- 5 Passenger fusebox
- 8 Diagnostic connector
- 15 Engine fusebox
- 17 LH cooling fan
- 18 RH cooling fan
- 20 Air conditioning engine coolant temperature unit

- 21 RH fan supply relay
- 22 LH fan supply relay
- 23 Air conditioning coolant temperature sensor
- 24 LH and RH fan series supply relay
- 25 A/C cut-off control unit
- 26 Pressostat
- 27 Passenger compartment temperature electronic thermostat

H31992

[illegible]

The diagram illustrates the electrical system for a vehicle, featuring a battery (E1) connected to a fuse box (4NR) and a series of relays and switches. Key components include:

- Battery (E1)**: Connected to ground (E22) and a fuse box (4NR).
- Fuse Box (4NR)**: Contains fuses FA and FC.
- Relays and Switches**: Various relays (e.g., 26, 29, 32, 33, 34) and switches (e.g., 28, 30) are shown with their respective terminals and wiring.
- Lights and Motors**: Includes interior illumination (31), a heated rear screen (30), and other motors (e.g., M8020, M8060).
- Wiring Color Coding**: Wires are color-coded for identification: red, blue, green, yellow, orange, and black.
- Labels and Annotations**: Specific labels like "Diagram 7, Arrow G" and "Diagram 10, Arrow F" point to particular wiring paths or components.

Wire colours

BA	White	OR	Orange
BE	Blue	RG	Red
BG	Beige	RS	Pink
GR	Grey	VE	Green
JN	Yellow	VI	Mauve
MR	Brown	VJ	Green/ Yellow
NR	Black		

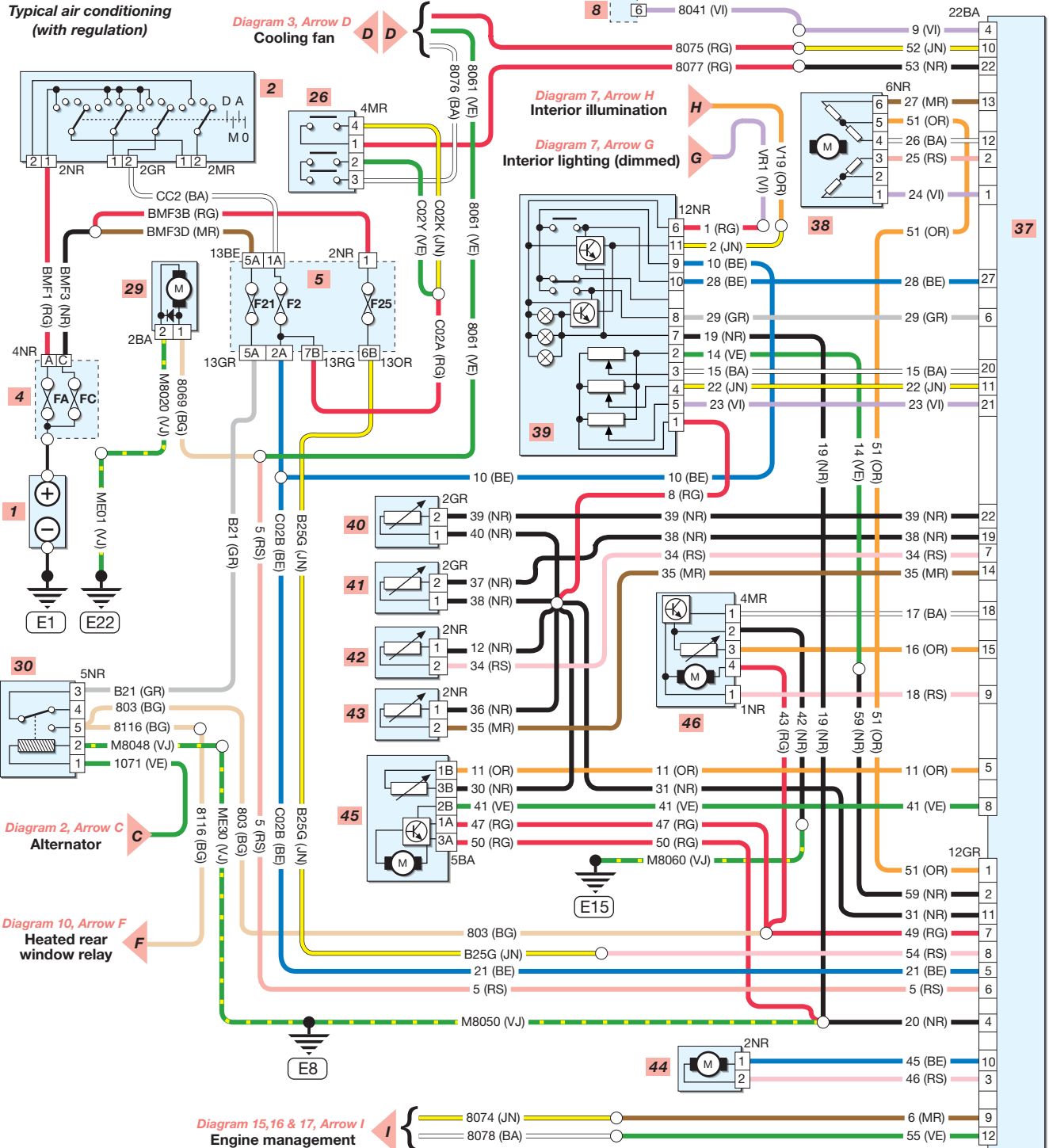
Key to items

1	Battery	37	Air conditioning ECU	45	Passenger compartment air thermistor
2	Ignition switch	38	Mixing flap motor	46	Blower control module
4	Maxifuse unit 1	39	Heater panel		
5	Passenger fusebox	40	Air to footwell temp. sender unit		
8	Diagnostic connector	41	Air vent temp. sender unit		
26	Pressostat	42	Outside air temp. thermistor		
29	A/C compressor	43	Evaporator thermistor		
30	Blower relay	44	Air inlet flap reduction motor		

Diagram 4

H31993

Typical air conditioning (with regulation)



Wire colours

BA White	OR Orange
BE Blue	RG Red
BG Beige	RS Pink
GR Grey	VE Green
JN Yellow	VI Mauve
MR Brown	VJ Green/Yellow
NR Black	

Key to items

1	Battery
2	Ignition switch
4	Maxifuse unit 1
5	Passenger fusebox
8	Diagnostic connector
15	Engine fusebox
25	A/C cut-off control unit
50	Preheat control unit
51	Glow plugs
52	Post heat thermal switch

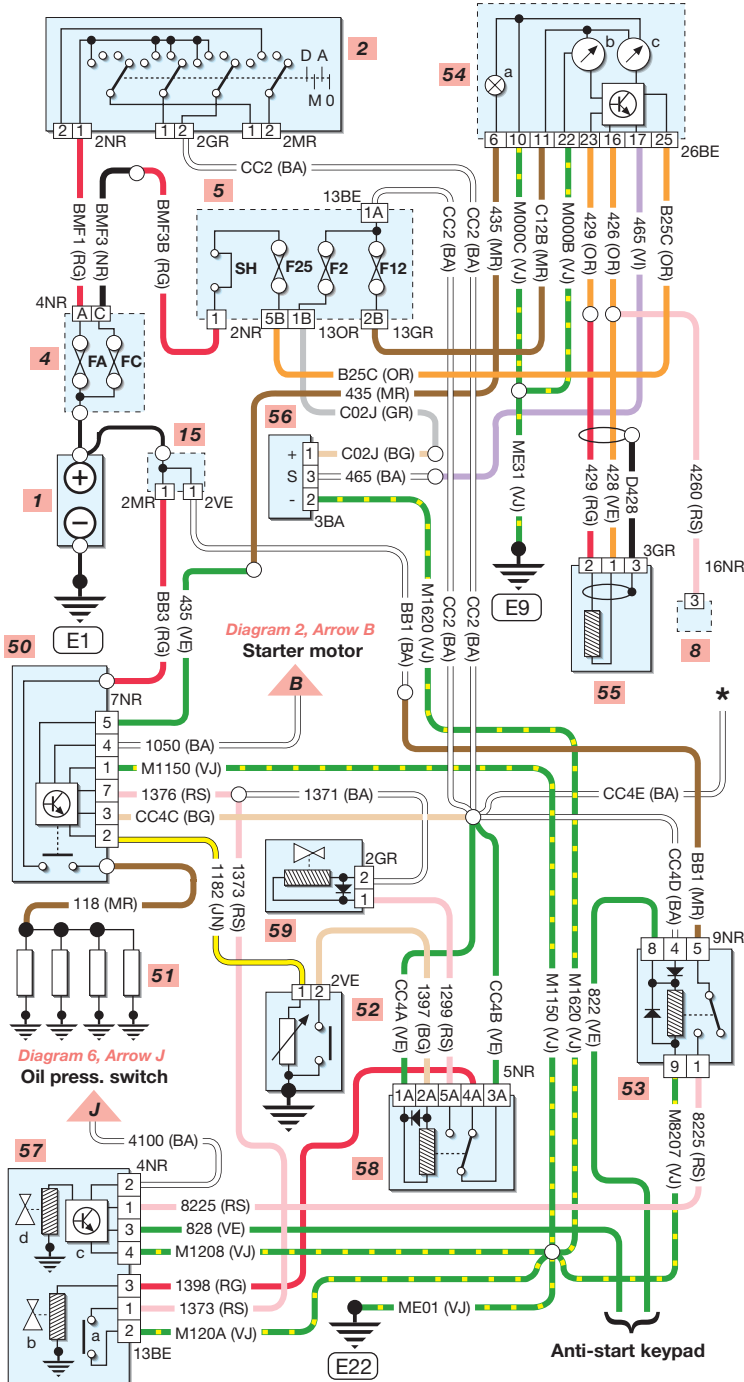
53	Anti-start relay
54	Instrument cluster
a	= glow plug warning light
b	= speedometer
c	= tachometer
d	= low coolant level warning light
e	= seat belt warning light
55	TDC sensor
56	Vehicle speed sensor

57	Diesel injection pump
a	= EGR load lever switch
b	= advance correction solenoid
c	= CAS control unit
d	= fuel cut-off solenoid
58	Post heat relay
59	EGR vacuum control solenoid
60	Coolant level switch
61	Seat belt switch

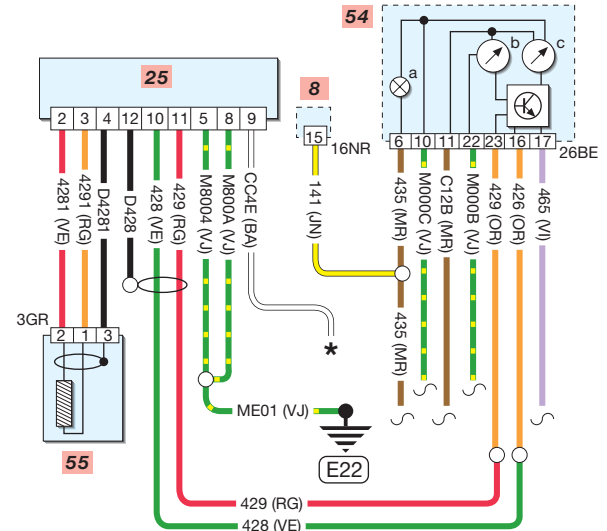
Diagram 5

H31994

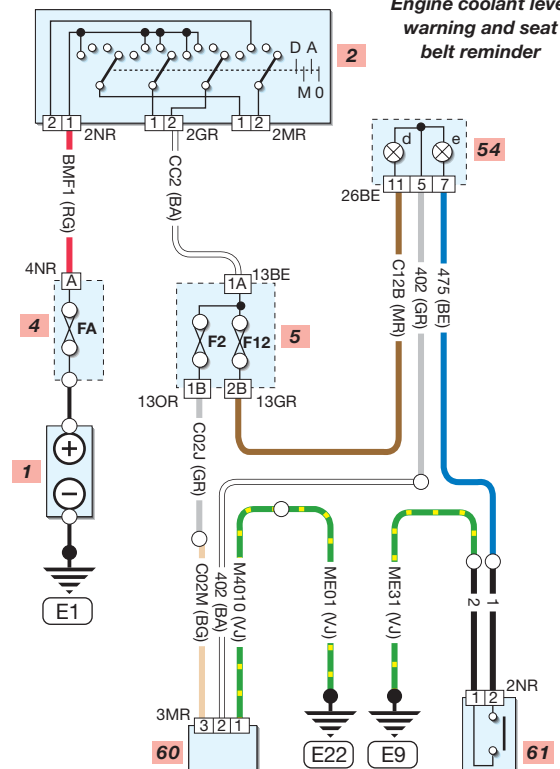
Typical pre-heating (models without A/C)
- not HDi engine models



Wiring variation for typical pre-heating (models with A/C)
- not HDi engine models



Engine coolant level warning and seat belt reminder



Wire colours

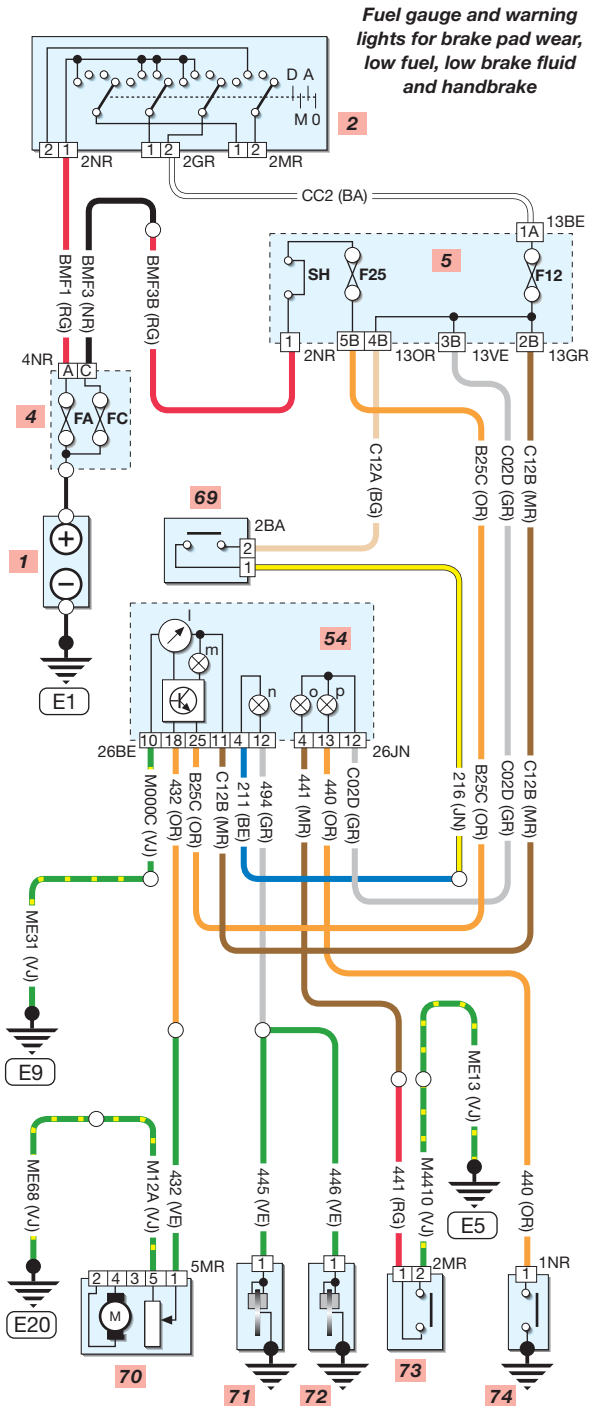
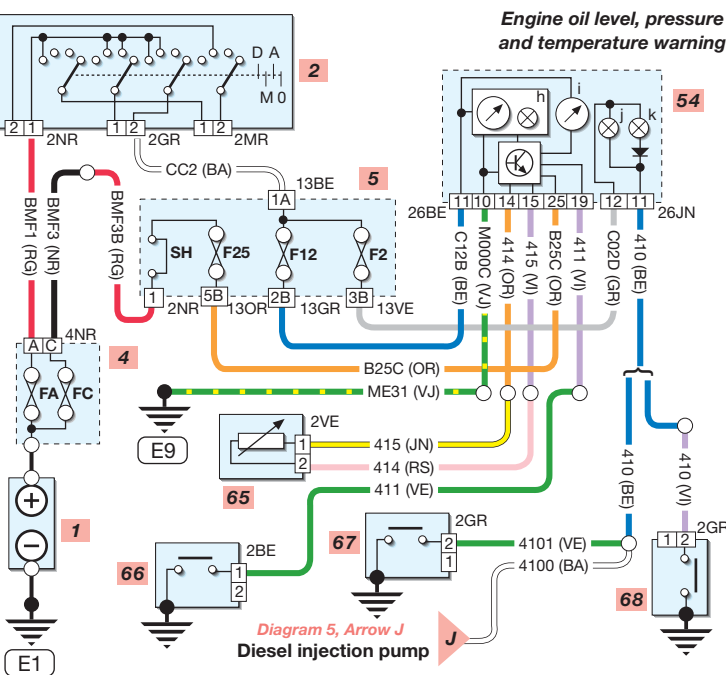
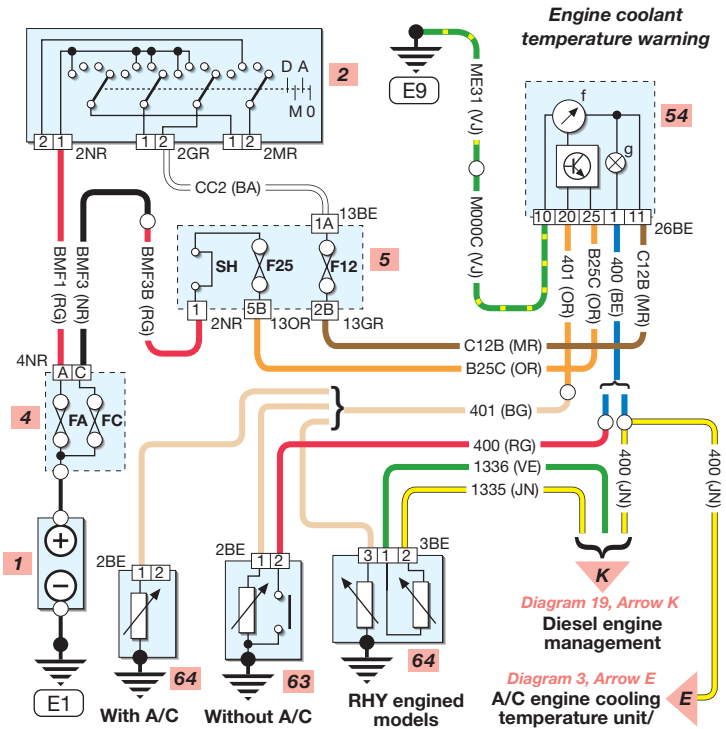
BA White	OR Orange
BE Blue	RG Red
BG Beige	RS Pink
GR Grey	VE Green
JN Yellow	VI Mauve
MR Brown	VJ Green/ Yellow
NR Black	

Key to items

1	Battery
2	Ignition switch
4	Maxifuse unit 1
5	Passenger fusebox
54	Instrument cluster
f	= coolant temp. gauge
g	= high coolant temp. warning light
h	= oil level gauge/warning light
i	= oil temperature gauge
j	= stop warning light
54	Instrument cluster cont.
k	= oil pressure warning light
l	= fuel gauge
m	= low fuel warning light
n	= pad wear warning light
o	= low brake fluid warning light
p	= handbrake warning light
63	Coolant temp. sensor/switch
64	Coolant temp. sensor
65	Oil level sensor

Diagram 6

H31995



Wire colours

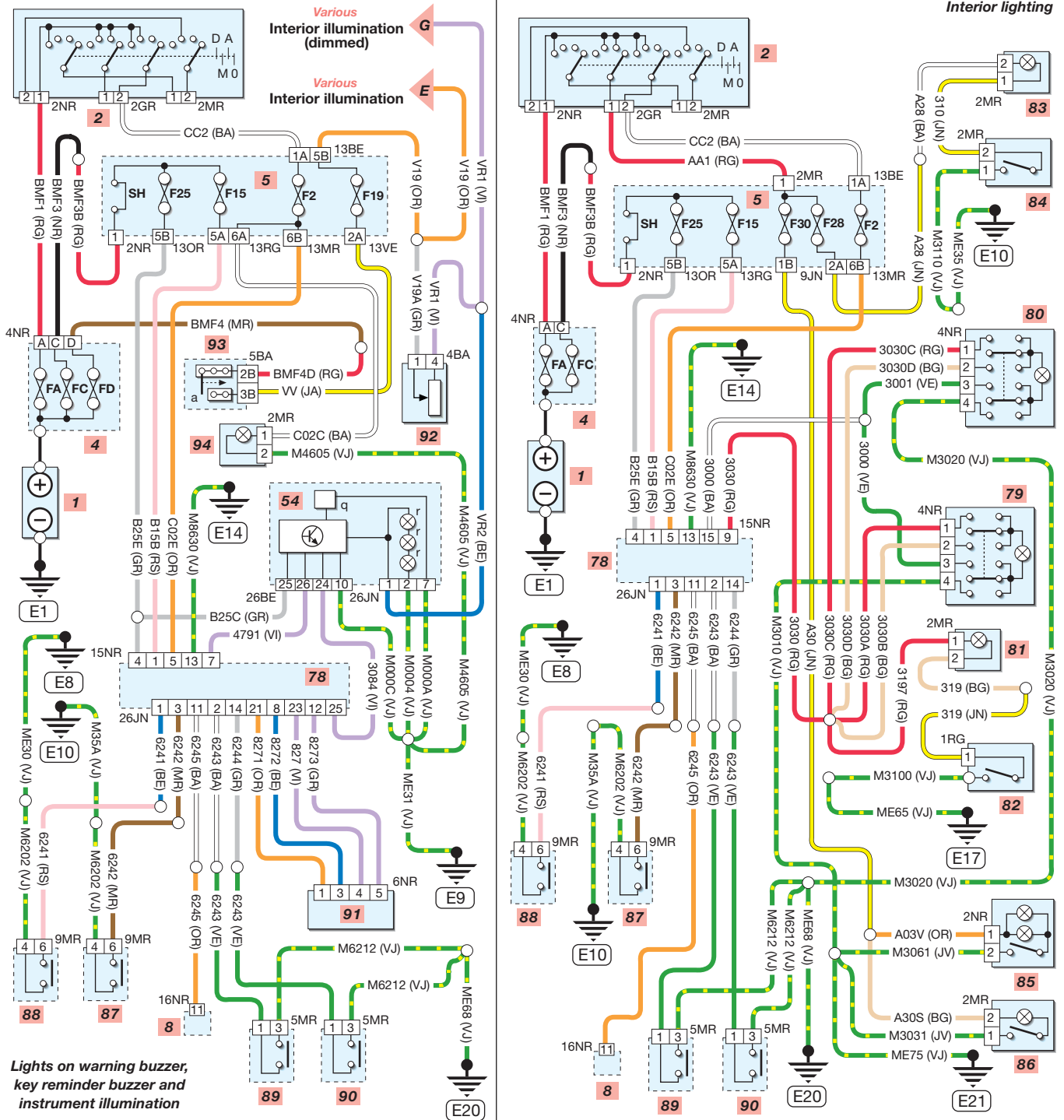
BA White	OR Orange
BE Blue	RG Red
BG Beige	RS Pink
GR Grey	VE Green
JN Yellow	VI Mauve
MR Brown	VJ Green/Yellow
NR Black	

Key to items

1 Battery	79 Front courtesy light
2 Ignition switch	80 Rear courtesy light
4 Maxifuse unit 1	81 Luggage compartment light
5 Passenger fusebox	82 Luggage compartment light switch
8 Diagnostic connector	83 Glove box light
54 Instrument cluster	84 Glove box light switch
q = buzzer	85 Passenger's vanity mirror light
r = instrument illumination	86 RH front reading light
78 Central protection unit	87 LH front door lock assembly

Diagram 7

H31996

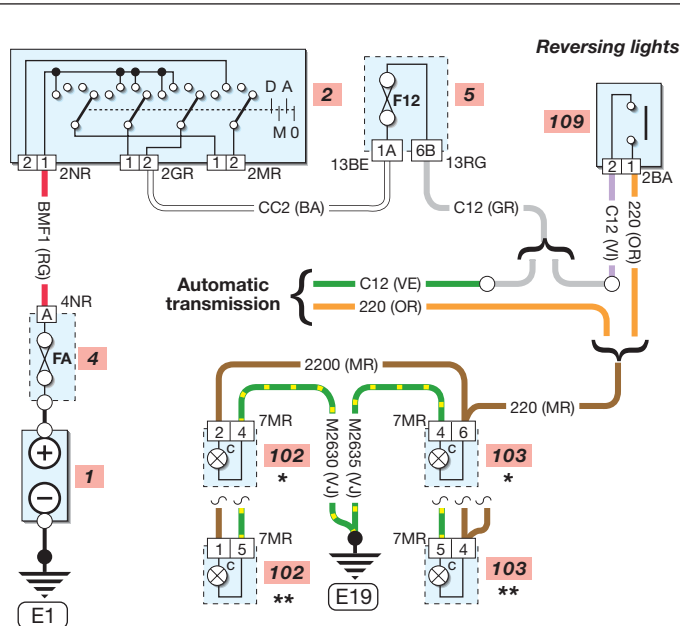
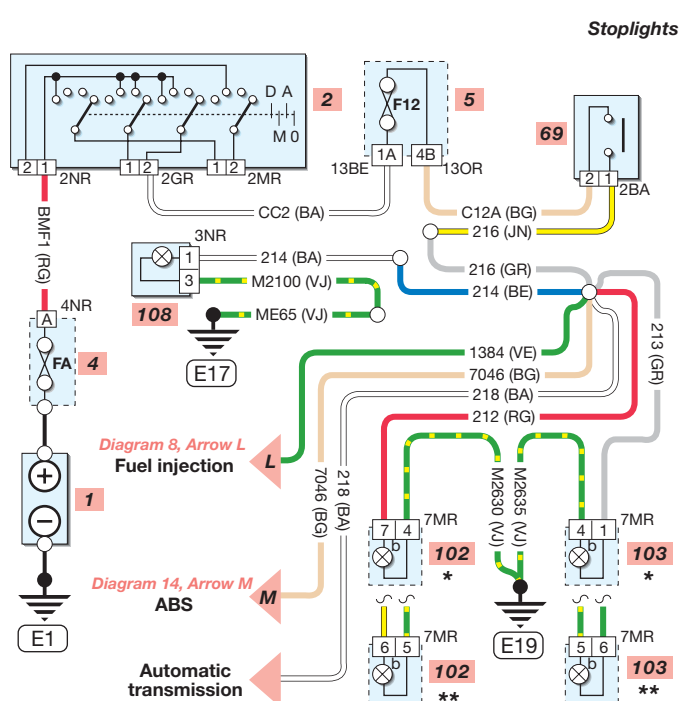


BA	White	OR	Orange
BE	Blue	RG	Red
BG	Beige	RS	Pink
GR	Grey	VE	Green
JN	Yellow	VI	Mauve
MR	Brown	VJ	Green/ Yellow
NR	Black		

- 1 Battery
- 2 Ignition switch
- 4 Maxifuse unit 1
- 5 Passenger fusebox
- 15 Engine fusebox
- 54 Instrument cluster
- s = main beam warning light
- t = dipped beam warning light
- 69 Stoplight switch
- 93 Multifunction switch
- a = sidelight/headlight switch
- b = dipped/main beam switch
- c = headlight flasher

- 98 LH front sidelight (H4 headlights)
99 LH headlight (H7 headlights)
a = sidelight
b = main beam
c = dipped beam
100 RH front sidelight (H4 headlights)
101 RH headlight (H7 headlights)
(a to c as per item 99)
102 LH rear light cluster
a = tail light
b = stop light
c = reversing light

- H31997



Wire colours

BA White	OR Orange
BE Blue	RG Red
BG Beige	RS Pink
GR Grey	VE Green
JN Yellow	VI Mauve
MR Brown	VJ Green/Yellow
NR Black	

* All other models
** Estate

Key to items

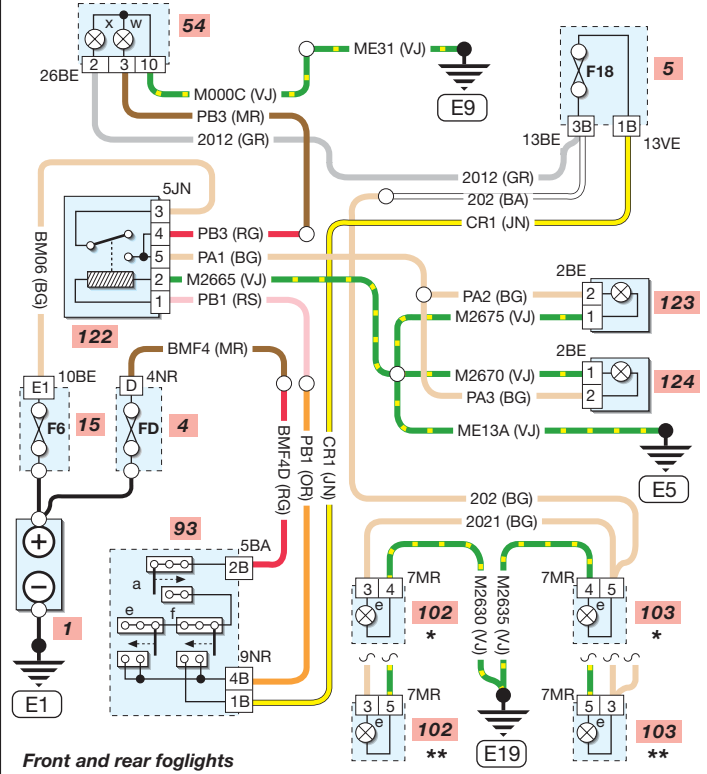
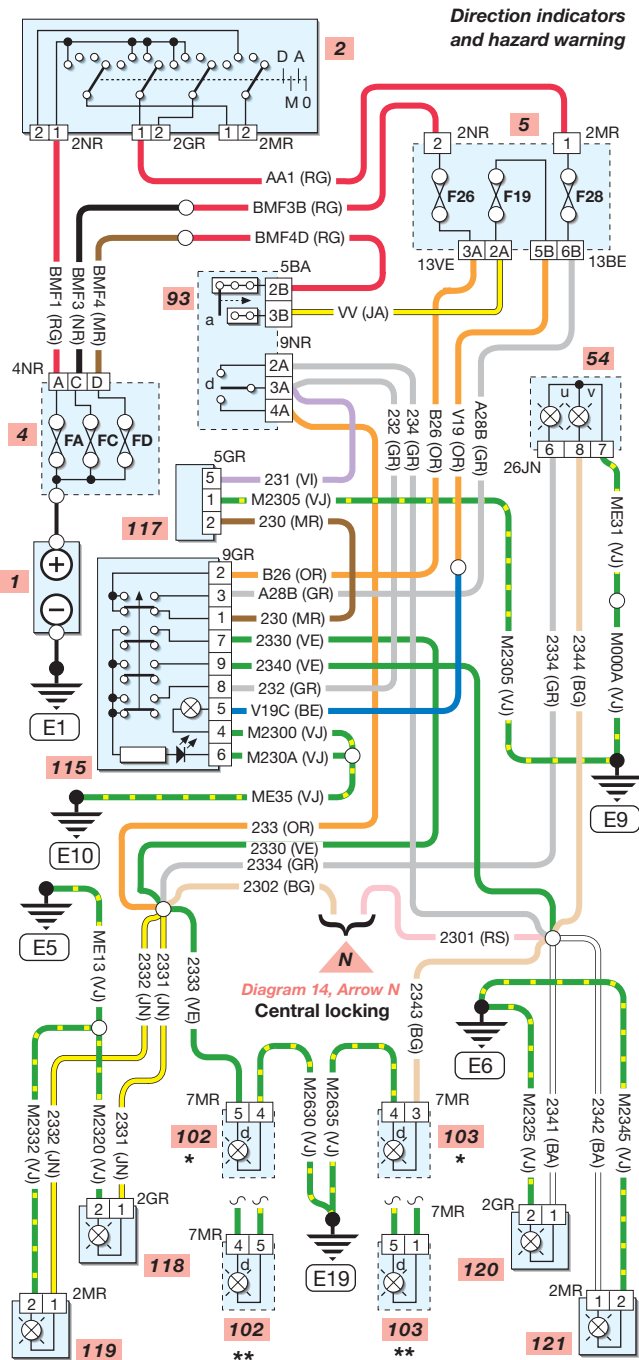
1	Battery
2	Ignition switch
4	Maxifuse unit 1
5	Passenger fusebox
15	Engine fusebox
54	Instrument cluster
u	= LH indicator warning light
v	= RH indicator warning light
w	= front foglight warning light
x	= rear foglight warning light

93	Multifunction switch
a	= sidelight/headlight switch
d	= indicator switch
e	= rear foglight switch
f	= front foglight switch
g	= horn switch
102	LH rear light cluster
d	= direction indicator
e	= foglight
103	RH rear light cluster
d	and e as per item 102)

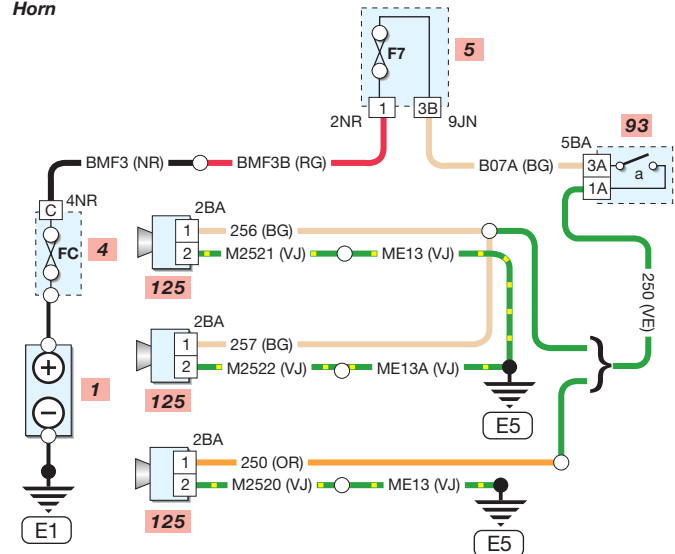
115	Hazard warning switch
117	Direction indicator flasher unit
118	LH front indicator
119	LH front side repeater
120	RH front indicator
121	RH front side repeater
122	Front foglight relay
123	LH front foglight
124	RH front foglight
125	Horn

Diagram 9

H31998



Horn



Wire colours

BA	White	OR	Orange
BE	Blue	RG	Red
BG	Beige	RS	Pink
GR	Grey	VE	Green
JN	Yellow	VI	Mauve
MR	Brown	VJ	Green/ Yellow
NR	Black		

* Alternative wiring

Key to items

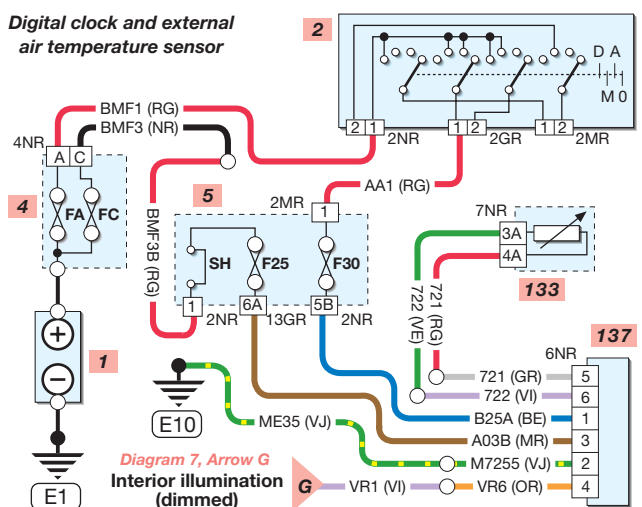
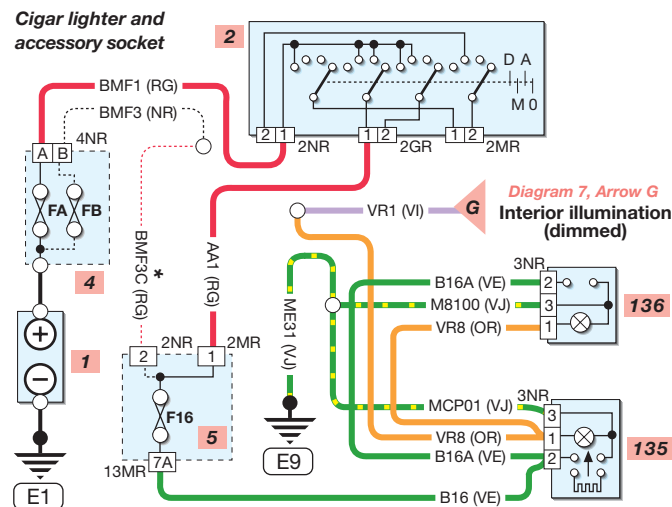
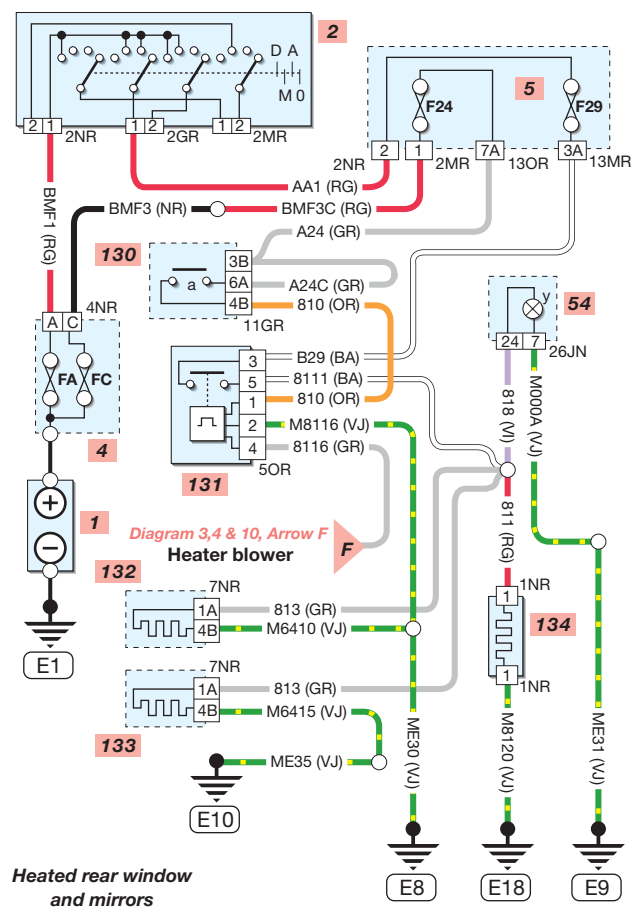
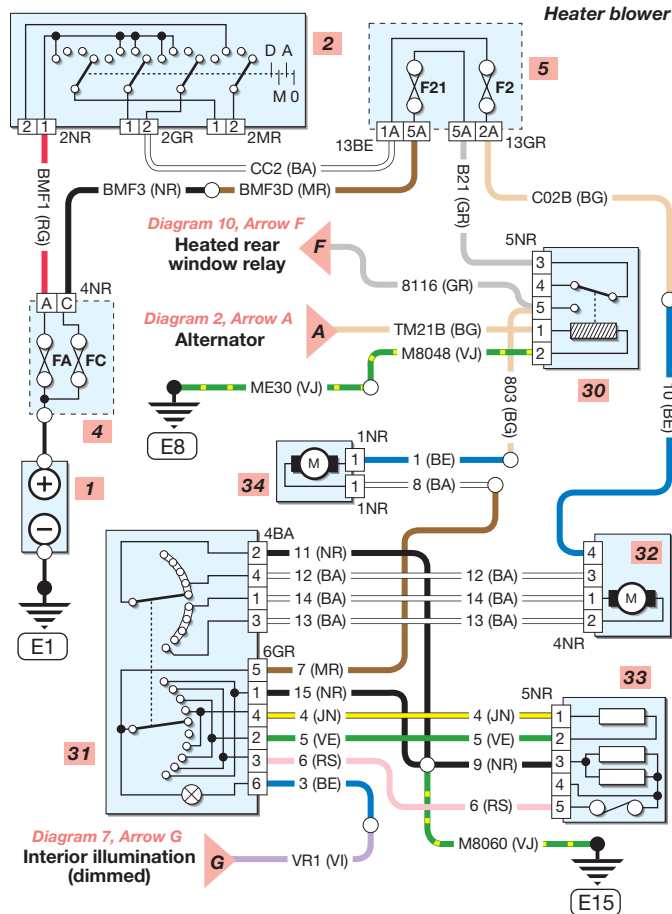
1	Battery
2	Ignition switch
4	Maxifuse unit 1
5	Passenger fusebox
30	Blower relay
31	Blower speed rheostat
32	Air inlet flap reduction motor
33	Heater blower resistor

34	Heater blower motor
54	Instrument cluster
y	= heated rear window warning light
130	Wash/wipe and heated rear window switch
a	= heated mirrors/rear window switch
131	Heated rear window timer relay
132	Driver's mirror assembly
133	Passenger's mirror assembly

134	Heated rear window
135	Cigar lighter
136	Accessory socket
137	Digital clock/external temp. gauge

Diagram 10

H31999



Wire colours

BA White	OR Orange
BE Blue	RG Red
BG Beige	RS Pink
GR Grey	VE Green
JN Yellow	VI Mauve
MR Brown	VJ Green/Yellow
NR Black	

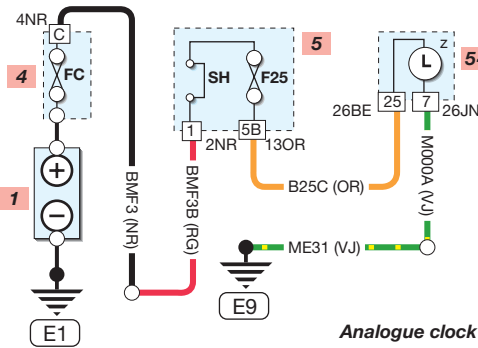
Key to items

1	Battery	142	Audio unit	152	Tilt limit switch
2	Ignition switch	143	LH front tweeter	153	Sunroof relay
4	Maxifuse unit 1	144	RH front tweeter	154	Zero point switch
5	Passenger fusebox	145	Driver's front door speaker	155	Headlight levelling switch
54	Instrument cluster	146	Passenger's front door speaker	156	LH headlight levelling motor
	z = clock	147	CD player	157	RH headlight levelling motor
93	Multifunction switch	148	Front window lift and sunroof relay		
	a = side/headlight switch	149	Sunroof motor		
140	Satellite control switches	150	Sunroof switch		
141	Steering wheel rotary connector	151	Travel limit switch		

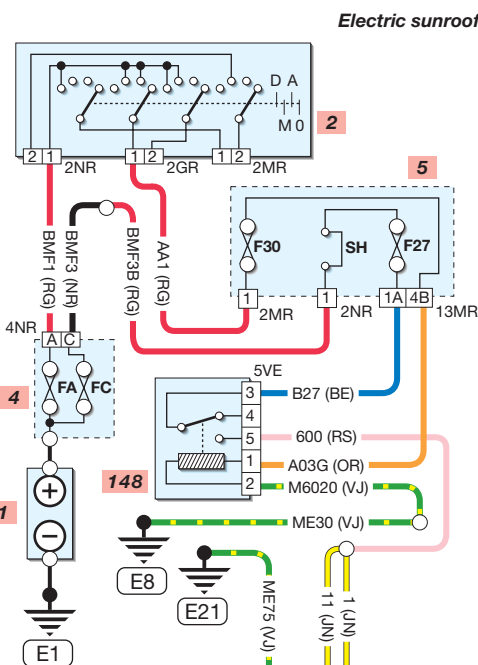
Diagram 11

Note:
dashed wiring denotes alternative

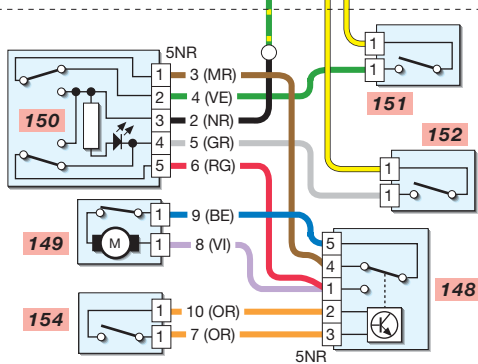
H33000



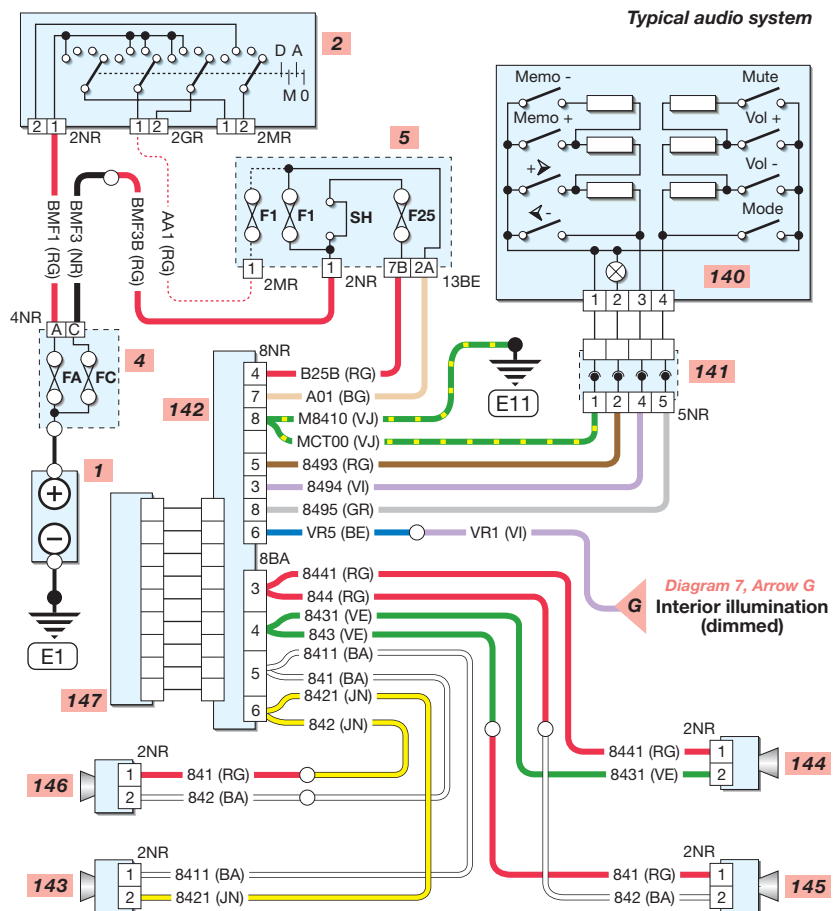
Analogue clock



Electric sunroof



Headlight levelling



Typical audio system

Diagram 7, Arrow G
Interior illumination (dimmed)

Wire colours

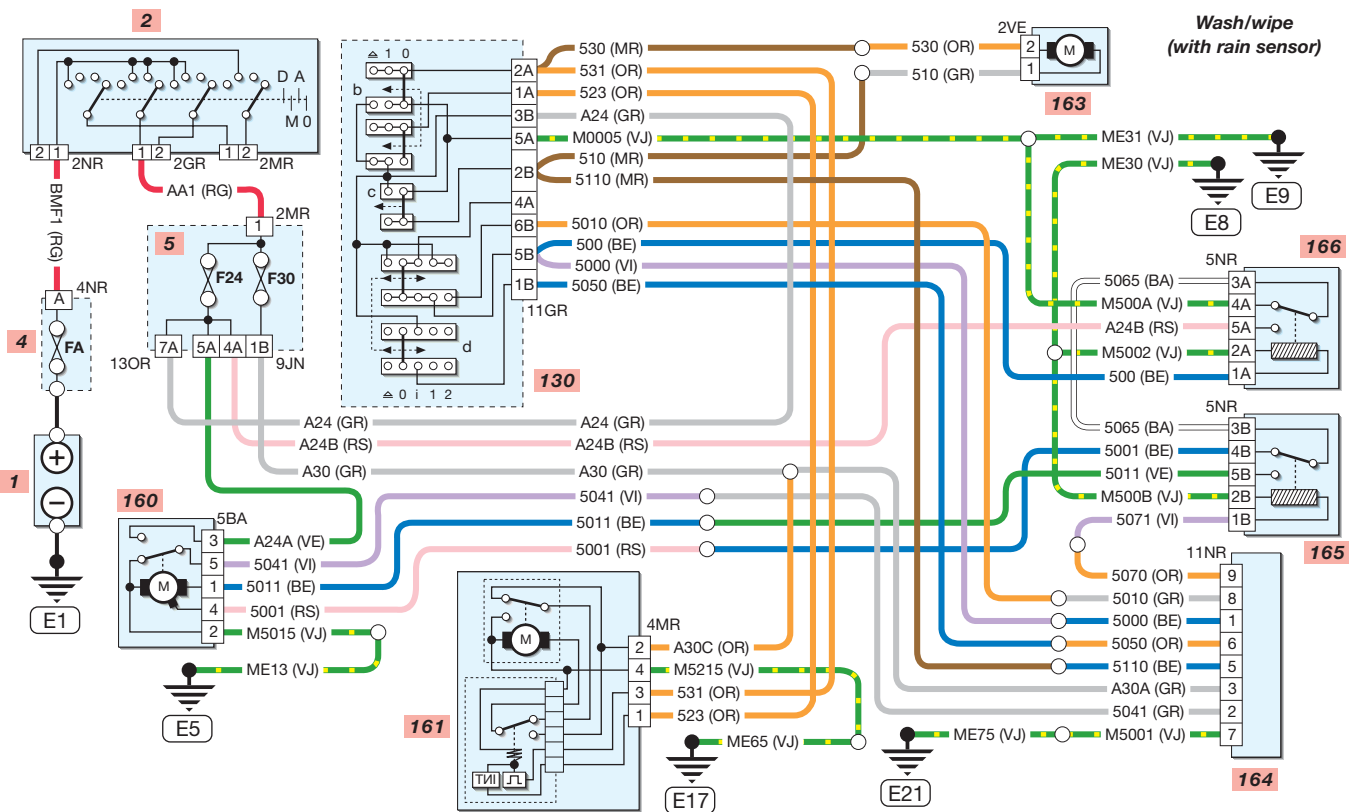
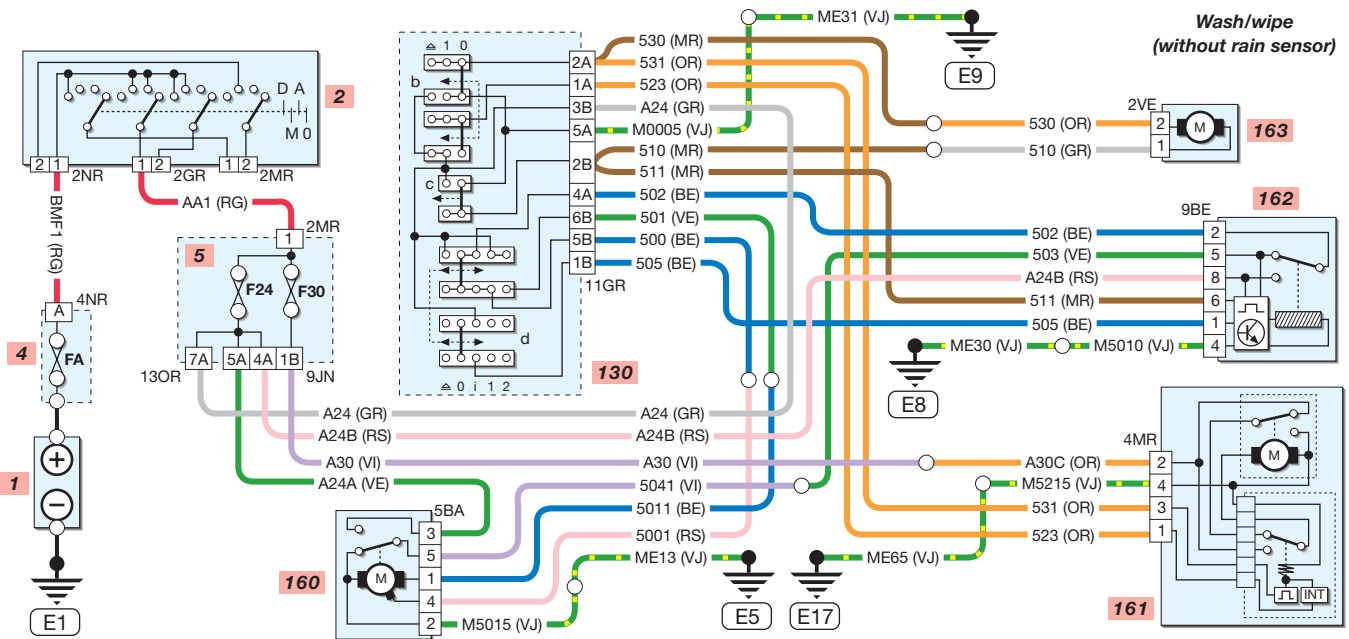
BA White	OR Orange
BE Blue	RG Red
BG Beige	RS Pink
GR Grey	VE Green
JN Yellow	VI Mauve
MR Brown	VJ Green/Yellow
NR Black	

Key to items

1	Battery	160	Front wiper motor
2	Ignition switch	161	Rear wiper motor
4	Maxifuse unit 1	162	Front wiper timer relay
5	Passenger fusebox	163	Front/rear washer pump
130	Wash/wipe and heated rear window switch	164	Rain sensor
b	= rear wiper switch	165	Rain sensor speed control relay
c	= washer switch	166	Rain sensor control relay
d	= front wiper switch		

Diagram 12

H33001



Wire colours

BA	White	OR	Orange
BE	Blue	RG	Red
BG	Beige	RS	Pink
GR	Grey	VE	Green
JN	Yellow	VI	Mauve
MR	Brown	VJ	Green/ Yellow
NR	Black		

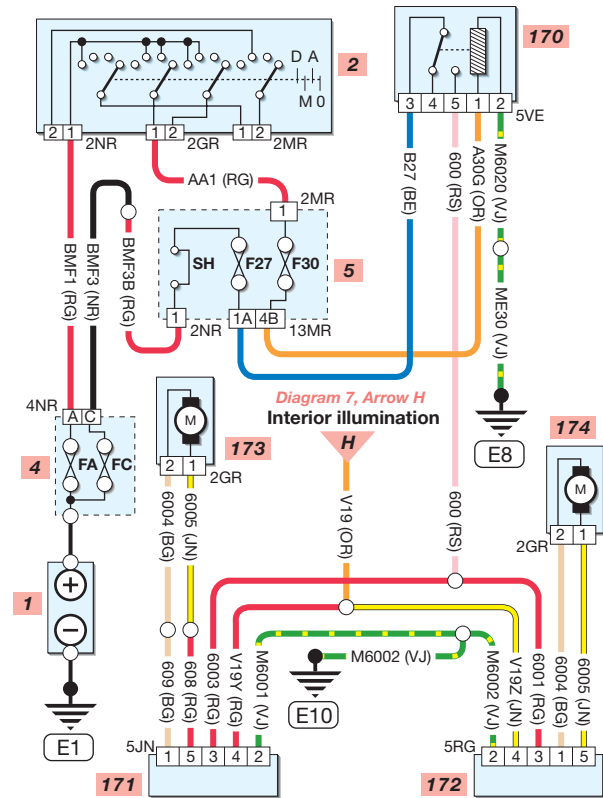
Key to items

1	Battery	173	LH front window motor	179	LH rear window rear switch
2	Ignition switch	174	RH front window motor	180	LH rear window lift motor
4	Maxifuse unit 1	175	Rear window lift relay	181	RH rear window front switch
5	Passenger fusebox	176	Rear window lift inhibitor switch and alarm cut-off	182	RH rear window rear switch
170	Front window lift relay	177	Rear function locking relay	183	RH rear window lift motor
171	LH front window switch	178	LH rear window front switch	184	Driver's seat backrest switch
172	RH front window switch			185	Driver's seat backrest inclination motor

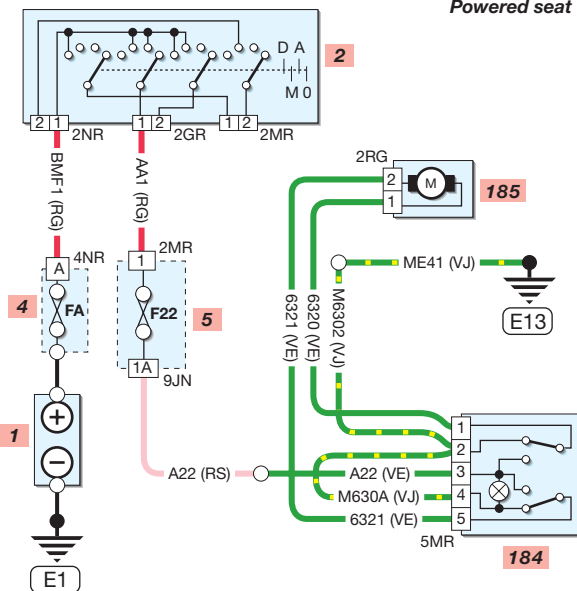
Diagram 13

H33002

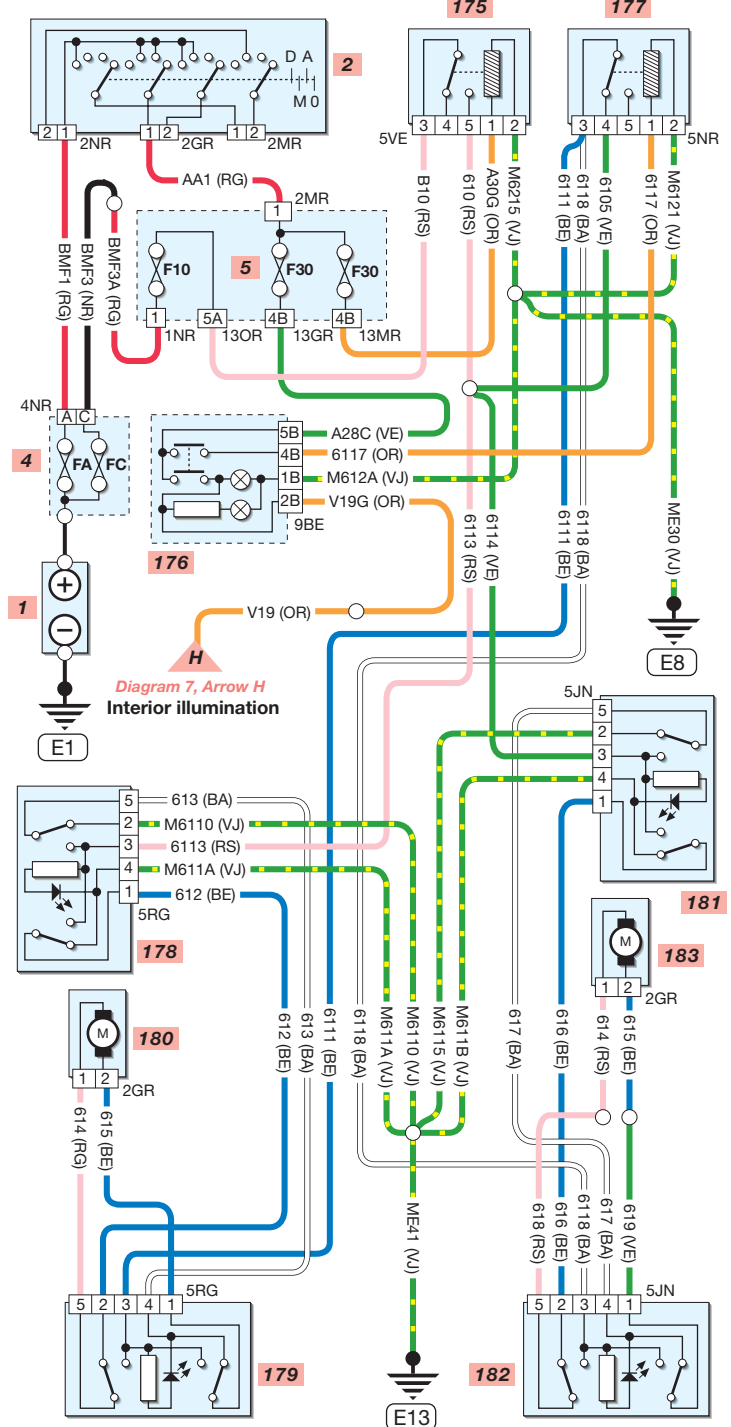
Front electric windows



Powered seat



Rear electric windows



Wire colours

BA	White	OR	Orange
BE	Blue	RG	Red
BG	Beige	RS	Pink
GR	Grey	VE	Green
JN	Yellow	VI	Mauve
MR	Brown	VJ	Green/ Yellow
NR	Black		

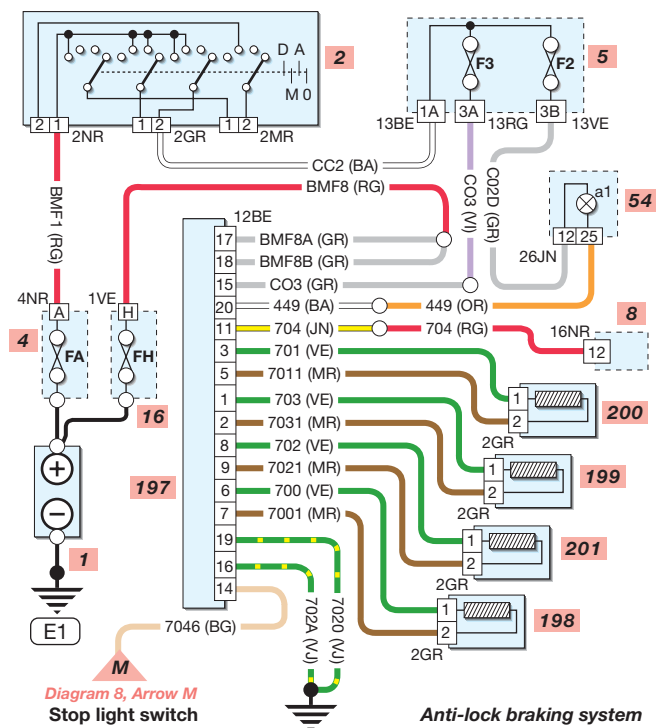
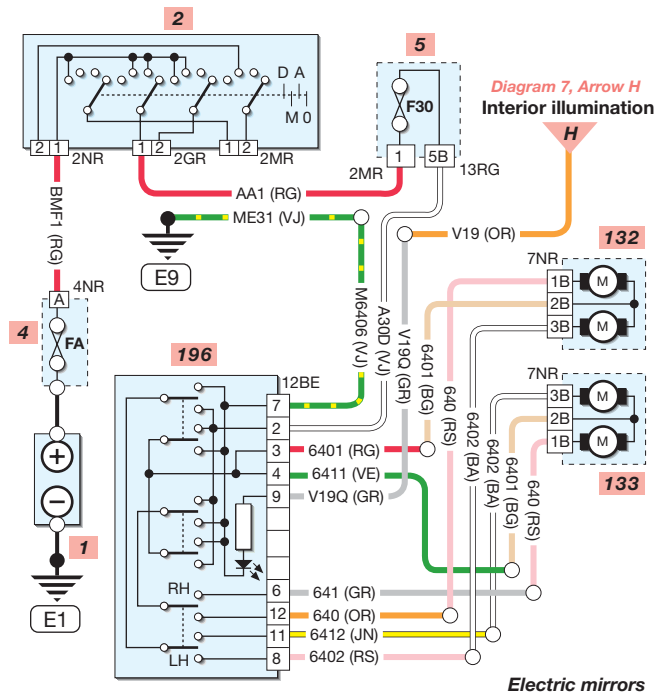
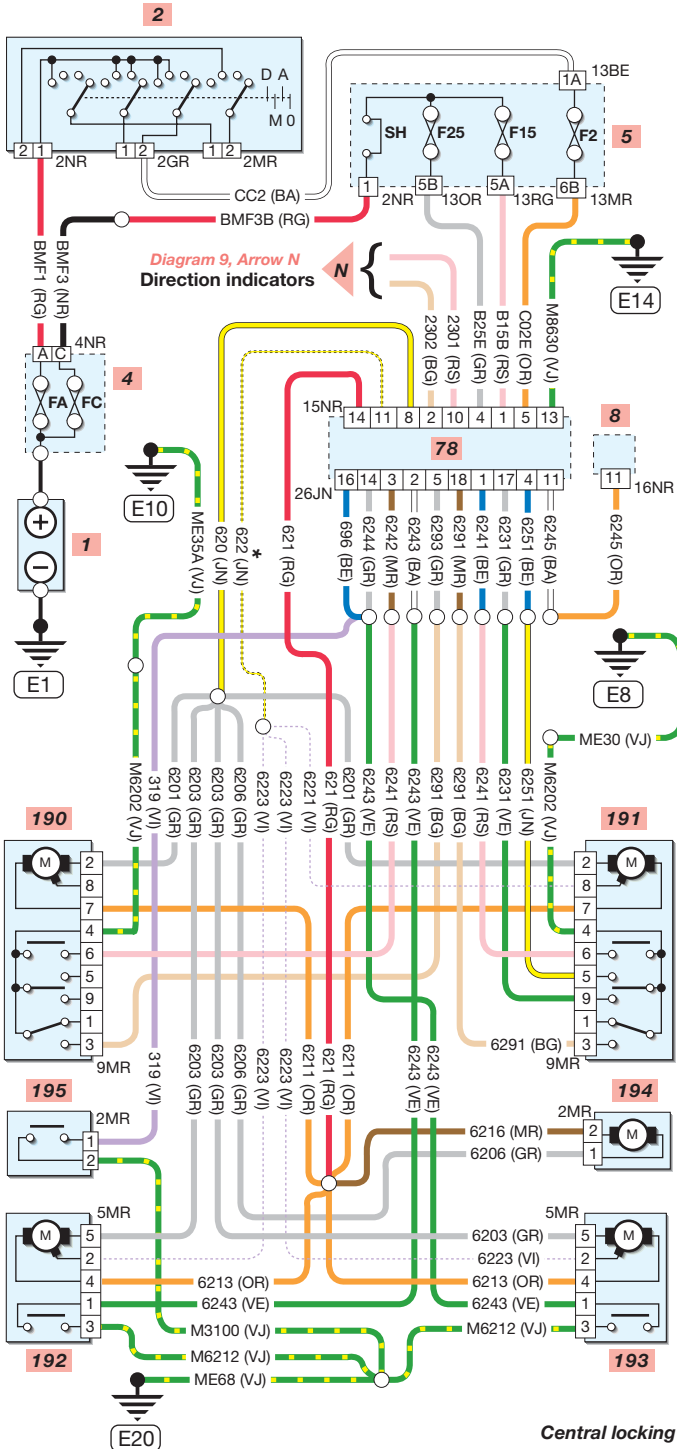
* Models with deadlocking

Key to items

1	Battery	78	Central protection unit	195	Luggage compartment switch (estate only)
2	Ignition switch	132	Driver's mirror assembly	196	Mirror control switch
4	Maxifuse unit 1	133	Passenger's mirror assembly	197	ABS control unit
5	Passenger fusebox	190	LH front door lock assembly	198	LH front wheel sensor
8	Diagnostic connector	191	RH front door lock assembly	199	LH rear wheel sensor
16	Maxifuse unit 2	192	LH rear door lock assembly	200	RH front wheel sensor
54	Instrument cluster	193	RH rear door lock assembly	201	RH rear wheel sensor
a1	ABS warning light	194	Boot or tailgate lock motor		

Diagram 14

H33003



Wire colours

BA	White	OR	Orange
BE	Blue	RG	Red
BG	Beige	RS	Pink
GR	Grey	VE	Green
JN	Yellow	VI	Mauve
MR	Brown	VJ	Green/ Yellow
NR	Black		

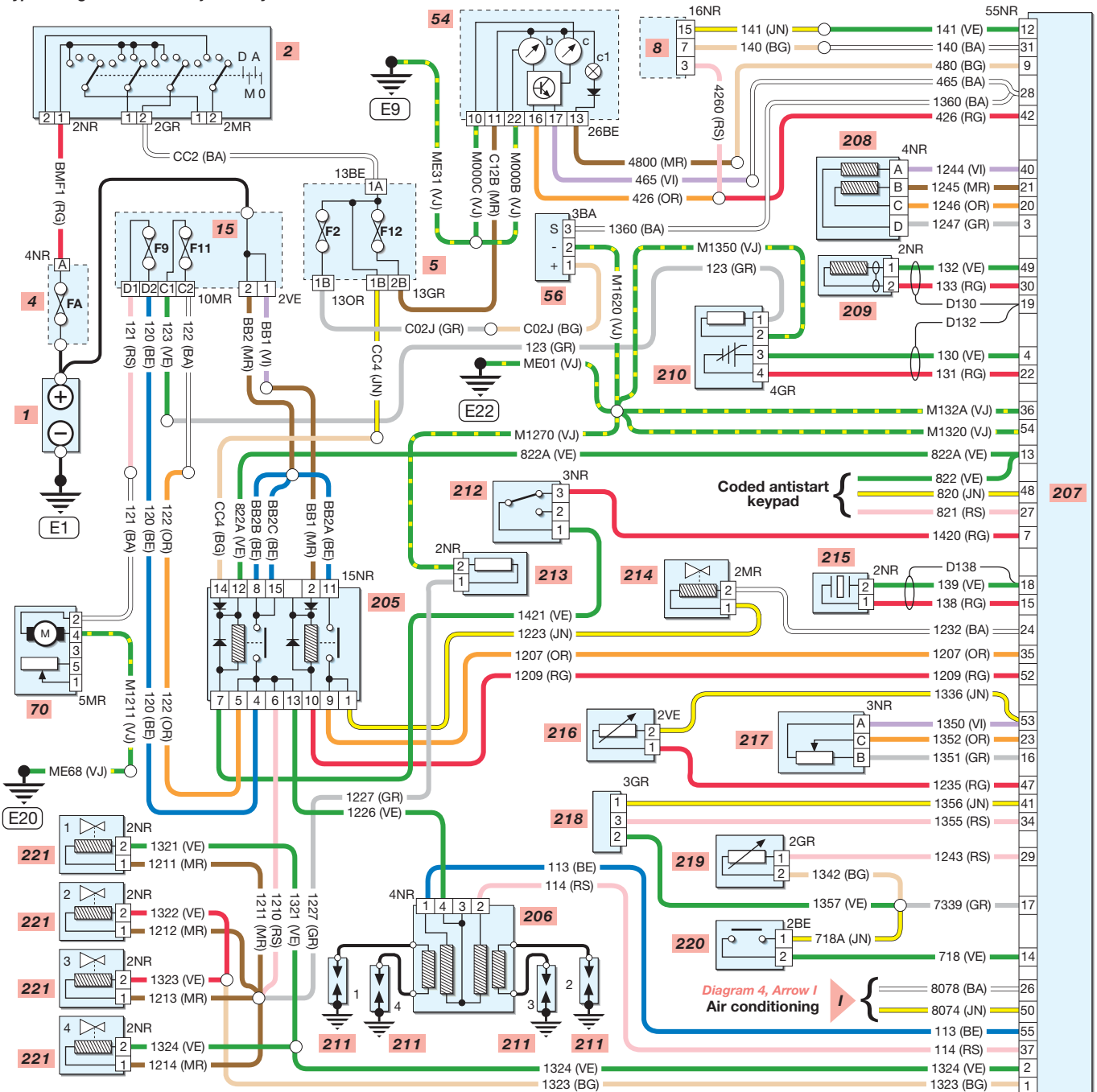
Key to items

1	Battery	56	Vehicle speed sensor	214	Canister purge solenoid
2	Ignition switch	70	Fuel gauge sender unit/fuel pump	215	Knock sensor
4	Maxifuse unit 1	205	Engine management double function relay	216	Engine coolant temp. sensor
5	Passenger fusebox	206	Ignition coil	217	Throttle position sensor
8	Diagnostic connector	207	Engine management control unit	218	MAP sensor
15	Engine fusebox	208	Idle speed stepper motor	219	Inlet air temp. sensor
54	Instrument cluster	209	Engine speed sensor	220	Power steering pressure switch
b	= speedometer	210	Oxygen sensor	221	Fuel injector
c	= tachometer	211	Spark plug		
c1	= engine management warning light	212	Inertia switch		
		213	Throttle housing heater		

Diagram 15

H33004

Typical Sagem SL 96 fuel injection system



Wire colours

BA	White	OR	Orange
BE	Blue	RG	Red
BG	Beige	RS	Pink
GR	Grey	VE	Green
JN	Yellow	VI	Mauve
MR	Brown	VJ	Green/ Yellow
NR	Black		

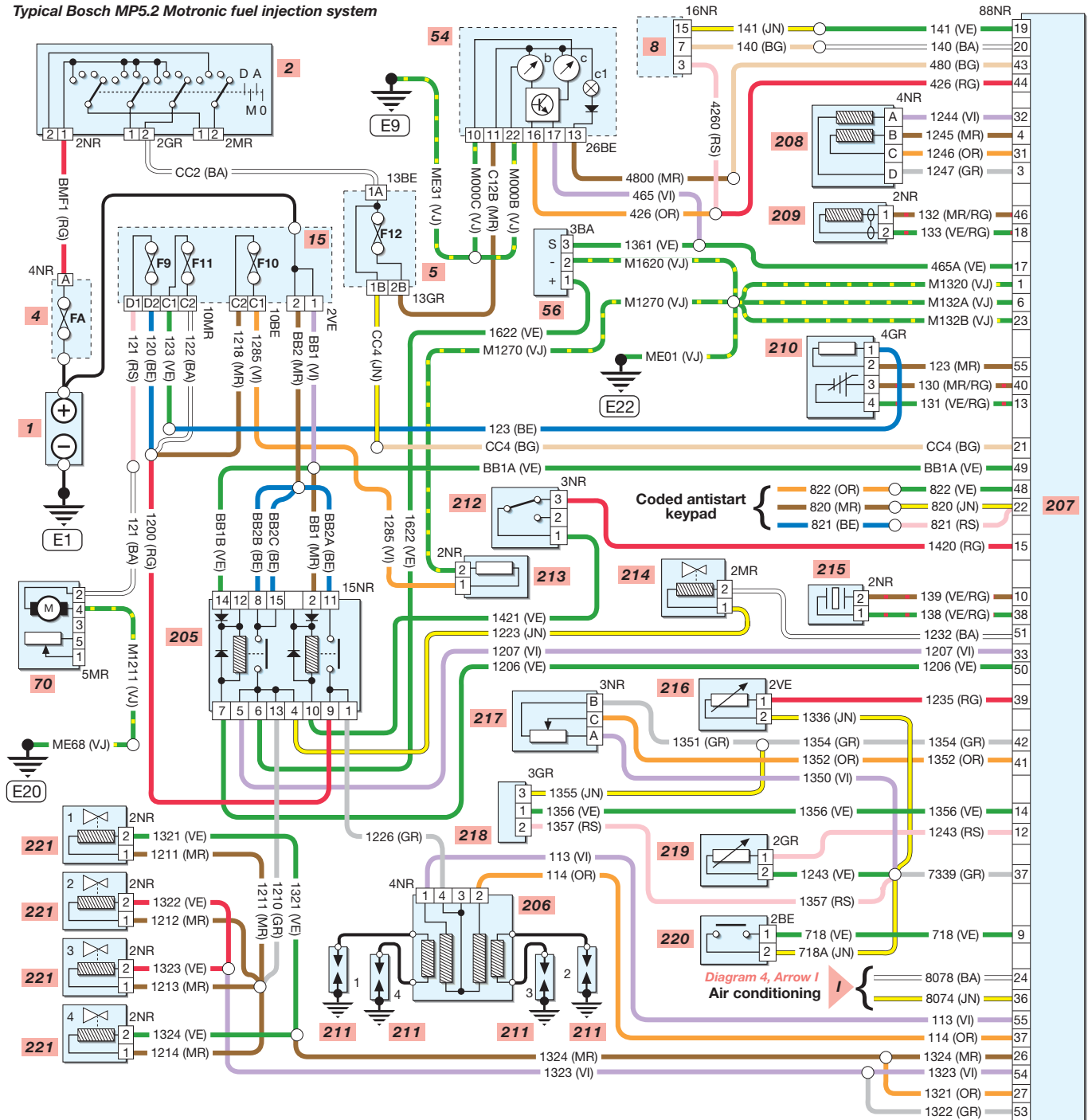
Key to items

1	Battery	56	Vehicle speed sensor
2	Ignition switch	70	Fuel gauge sender unit/fuel pump
4	Maxifuse unit 1	205	Engine management double function relay
5	Passenger fusebox	206	Ignition coil
8	Diagnostic connector	207	Engine management control unit
15	Engine fusebox	208	Idle speed stepper motor
54	Instrument cluster	209	Engine speed sensor
b =	speedometer	210	Oxygen sensor
c =	tachometer	211	Spark plug
c1 =	engine management warning light	212	Inertia switch
		213	Throttle housing heater

Diagram 16

H33005

Typical Bosch MP5.2 Motronic fuel injection system



Wire colours

BA	White	OR	Orange
BE	Blue	RG	Red
BG	Beige	RS	Pink
GR	Grey	VE	Green
JN	Yellow	VI	Mauve
MR	Brown	VJ	Green/ Yellow
NR	Black		

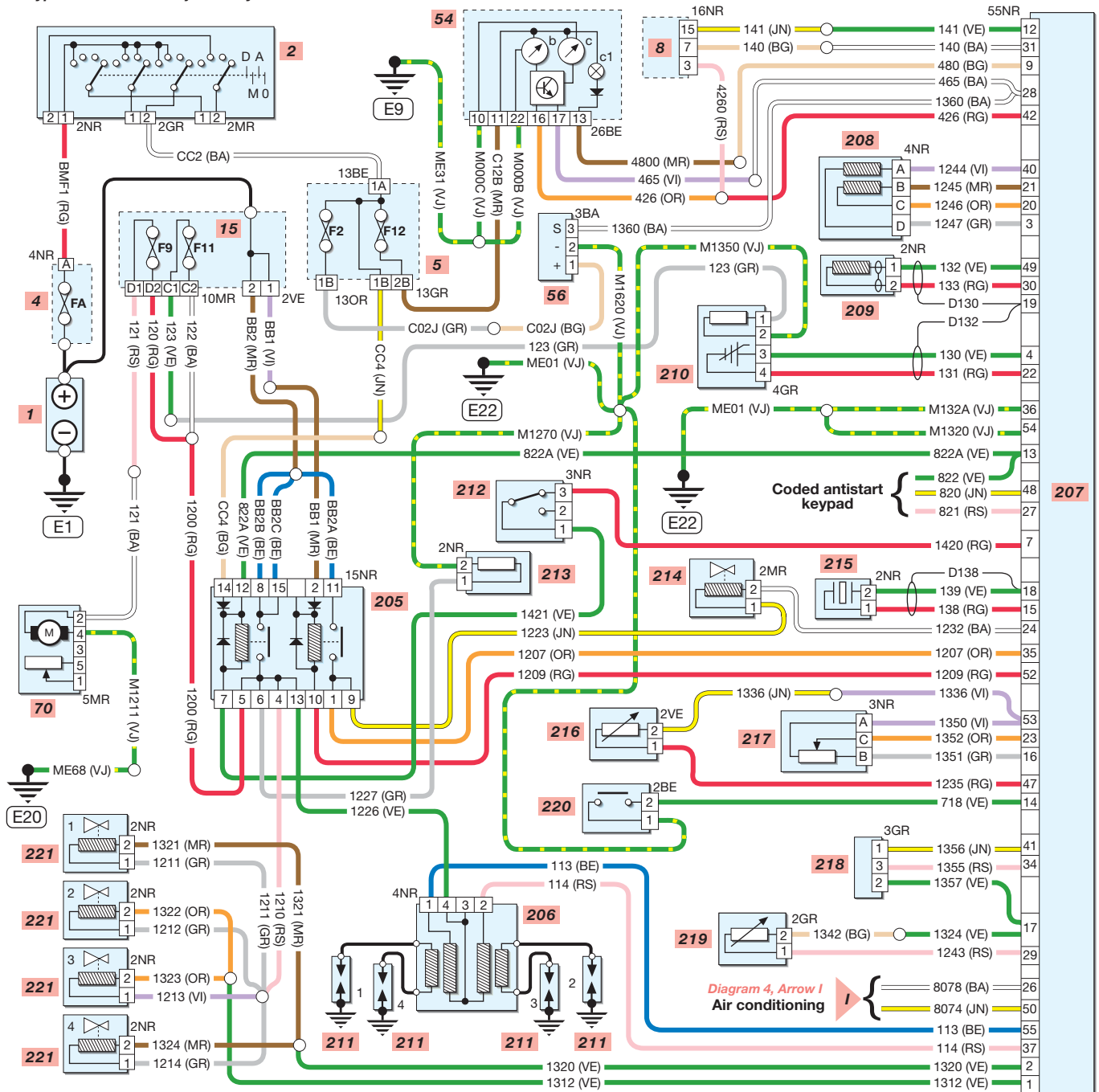
Key to items

1	Battery	56	Vehicle speed sensor
2	Ignition switch	70	Fuel gauge sender unit/fuel pump
4	Maxifuse unit 1	205	Engine management double function relay
5	Passenger fusebox	206	Ignition coil
8	Diagnostic connector	207	Engine management control unit
15	Engine fusebox	208	Idle speed stepper motor
54	Instrument cluster	209	Engine speed sensor
b	= speedometer	210	Oxygen sensor
c	= tachometer	211	Spark plug
c1	= engine management warning light	212	Inertia switch
		213	Throttle housing heater

Diagram 17

H33006

Typical MM1AP fuel injection system



Wire colours

BA White	OR Orange
BE Blue	RG Red
BG Beige	RS Pink
GR Grey	VE Green
JN Yellow	VI Mauve
MR Brown	VJ Green/Yellow
NR Black	

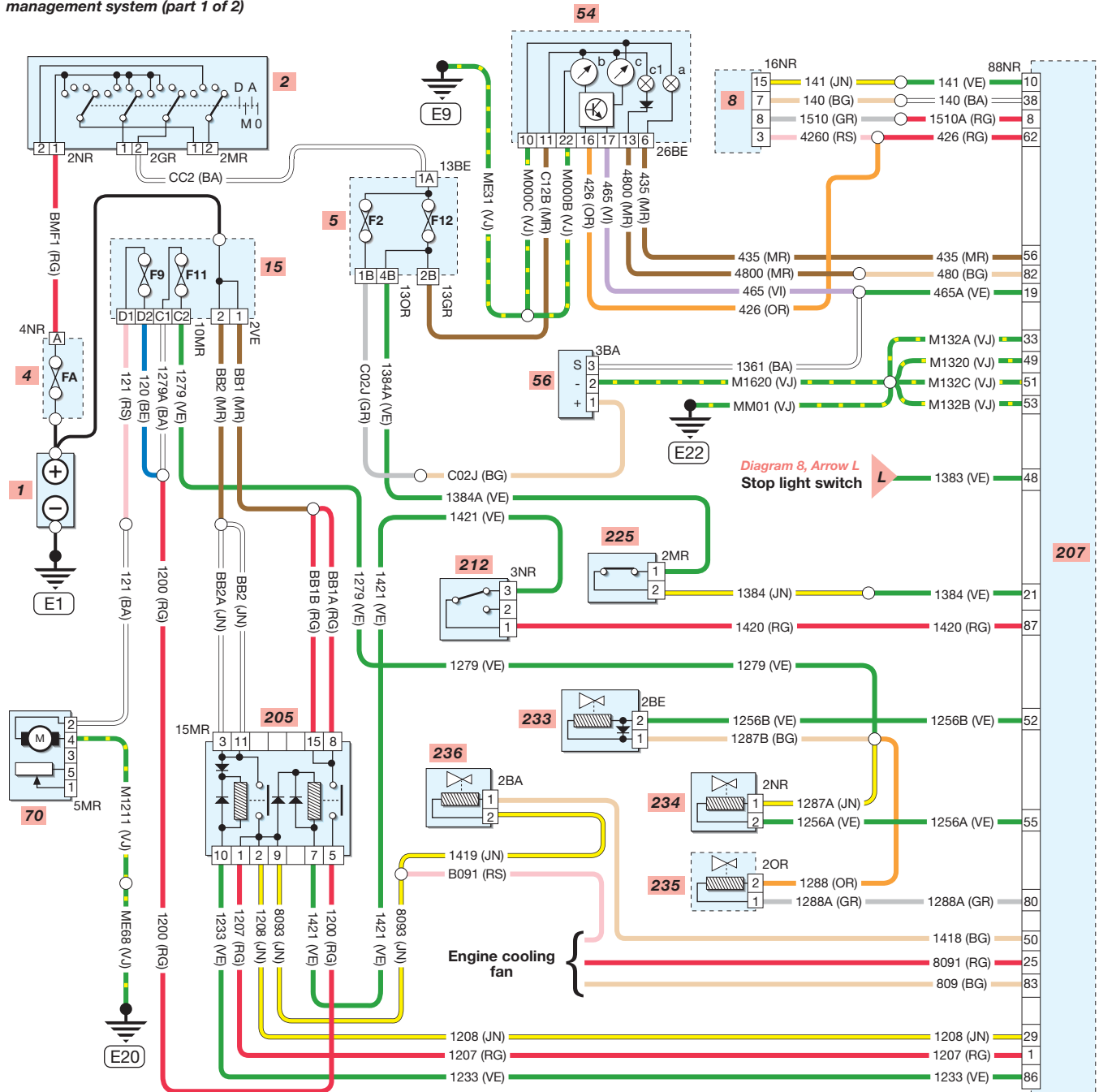
Key to items

1 Battery	56 Vehicle speed sensor
2 Ignition switch	70 Fuel gauge sender unit/fuel pump
4 Maxifuse unit 1	205 Engine management double function relay
5 Passenger fusebox	207 Engine management control unit
8 Diagnostic connector	212 Inertia switch
15 Engine fusebox	225 Clutch pedal info switch
54 Instrument cluster	233 EGR solenoid valve
a = glow plug warning light	234 EGR butterfly solenoid
b = speedometer	235 3rd piston cut-out solenoid
c = tachometer	236 Pressure regulator
c1 = engine man. warning light	

Diagram 18

H33007

Typical HDi Diesel engine management system (part 1 of 2)



Wire colours

BA White	OR Orange
BE Blue	RG Red
BG Beige	RS Pink
GR Grey	VE Green
JN Yellow	VI Mauve
MR Brown	VJ Green/Yellow
NR Black	

Key to items

1	Battery	221	Fuel injector
2	Ignition switch	226	3 relay protection switch unit
4	Maxifuse unit 1	227	Water circuit heater
5	Passenger fusebox	228	Accelerator pedal sensor
15	Engine fusebox	229	Pressure sensor
50	Preheat control unit	230	Diesel thermistor
51	Glow plugs	231	Air flow sensor
207	Engine management control unit	232	Cylinder reference sensor
209	Engine speed sensor		

Diagram 19

H33008

Typical HDi Diesel engine management system (part 2 of 2)

