

RENAULT LAGUNA wiring diagrams

Key to circuits

Diagram 1 Information for wiring diagrams

Diagram 2 Starting, charging, Diesel fuel shut-off, engine cooling fan

Diagram 3 Diesel fuel heater, pre and post heating

Diagram 4 Turbo Diesel pre and post heating, ABS

Diagram 5 Automatic transmission, air bag/pretensioners, variable power steering

Diagram 6 Fuel injection Bosch monopoint

Diagram 7 Fuel injection (Bendix Siemens MPi)

Diagram 8 Instrument cluster

Diagram 9 Instrument cluster

Diagram 10 Speed sensor, clock/external temperature gauge, heater blower

Diagram 11 Rear wash/wipe, headlight washer, sidelights and headlights

Diagram 12 Heated front/rear screen, heated washer jets, windscreen wash/wipe

Diagram 13 Stop, reversing, fog and direction indicator lights

Diagram 14 Headlight levelling, interior lighting, glove box and boot light

Diagram 15 Rheostat interior lighting, audio system, central locking

Diagram 16 Electric mirrors and windows

Key to symbols

Bulb	
Switch	
Multiple contact switch (ganged)	
Fuse/fusible link and rating	
Resistor	
Variable resistor	
Item no.	
Pump/motor	
Earth and location (via lead)	
Gauge/meter	
Diode	
Light emitting diode (LED)	
Internal connection (connecting wires)	
Wire splice or connector	
Solenoid actuator	
Connections to other circuits. Direction of arrow denotes current flow.	
Wire colour (Red wire/white tracer)	
Screened cable	
Denotes alternative wiring variation (brackets)	
Box shape denotes part of a larger component	
30 Terminal identification (i.e. battery +ve)	
A10 Connector pin number	

Earth locations

E1	Below RH rear light cluster
E2	Below LH rear light cluster
E3	Below LH rear light cluster
E4	RH driver's inner sill
E5	LH passenger's front inner sill
E6	LH passenger's rear inner sill
E7	RH side engine (petrol) LH side engine (Diesel)
E8	Front of engine compartment' below LH headlight

Terminal identification

15	Ignition switch 'ignition' position
15	Ignition switch 'ignition' position
30	Battery +ve
31	Earth
50	Ignition switch 'start' position
85	Relay winding input
86	Relay winding earth
87	Relay output
87a	Relay output
D+	Charge warning light

Key to circuits

Diagram 1	Information for wiring diagrams
Diagram 2	Starting, charging, Diesel fuel shut-off, engine cooling fan,
Diagram 3	Diesel fuel heater, pre and post heating
Diagram 4	Turbo Diesel pre and post heating, ABS
Diagram 5	Automatic transmission, air bag/pretensioners, variable power steering
Diagram 6	Fuel injection Bosch monopoint
Diagram 7	Fuel injection (Bendix Siemens MPI)
Diagram 8	Instrument cluster
Diagram 9	Instrument cluster
Diagram 10	Speed sensor, clock/external temperature gauge, heater blower
Diagram 11	Heated front/rear screen, heated washer jets, windscreen wash/wipe
Diagram 12	Rear wash/wipe, headlight washer, sidelights and headlights
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Diagram 14	Headlight levelling, interior lighting
Diagram 15	Rheostat interior lighting, audio system, central locking
Diagram 16	Electric mirrors and windows

Typical passenger compartment fuse box

Fuse	Rating	Circuit protected
F1	20A	Cooling fan
F2	25A	Horn
F3	15A	RH main beam
F4	15A	LH main beam
F5	10A	Reversing light (automatic transmission)
F6	10A	Clock/radio and memory units, electric mirrors, alarm
F7	25A	Front wiper park position
F8	15A	Direction indicators and hazard warning light
F9	25A	Windscreen wiper
F10	15A	Instrument panel, air bag, pretensioners, alarm, memory seats
F11	25A	Central locking
F12	30A	+ve supply after ignition switch
F13	5A	Variable power steering
F14	5A	ABS
F15	5A	Automatic transmission
F16	15A	RH dipped beam headlight
F17	15A	LH dipped beam headlight, headlight levelling
F18	15A	Stop lights, cruise control, flasher unit, bulb failure unit
F19	20A	Heated seats
F20	20A	Rear screen wiper, heated front/rear screen, reversing lights, lights on buzzer, heater controls
F23	15A	Variable shock absorbers
F24	10A	Clock, display illumination, alarm, memory seats
F25	10A	Rear fog light
F26	20A	Radio, heater controls, cigar lighter
F27	25A	Memory seats
F28	25A	Front fog lights
F29	15A	Boot and interior lights
F30	5A	Injection
F31	10A	Heated mirrors
F32	30A	Sunroof
F33	5A	Radio telephone
F34	10A	LH side light, lights, bulb failure unit
F35	40A	Heated rear screen
F37	40A	Air conditioning
F38	40A	Driver's electric window
F39	40A	Passenger's electric window
F40	40A	Power passenger seat

Typical engine compartment fuse box

Fuse	Rating	Circuit protected
F51	60A	Accessory cut-off shunt
F52	60A	+ battery passenger compartment
F53	60A	+ ignition switch
F54	60A	After ignition relay
F55	40A	RH cooling fan
F56	40A	LH cooling fan
F57	30A	ABS
F58	40A	Headlight washers
F60	30/70A	Fuel injection (30A), Diesel pre-heating (70A)
F65	70A	Heated windscreen relay

Wire colours

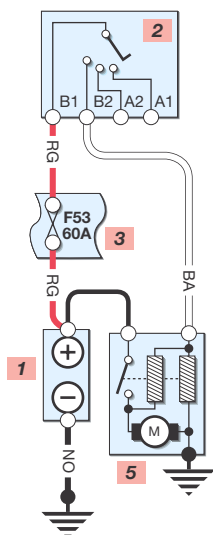
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BE Blue	MA Brown
BJ Beige	NO Black
CY Clear	OR Orange
GR Grey	RG Red
SA Pink	VI Mauve
VE Green	

Key to items

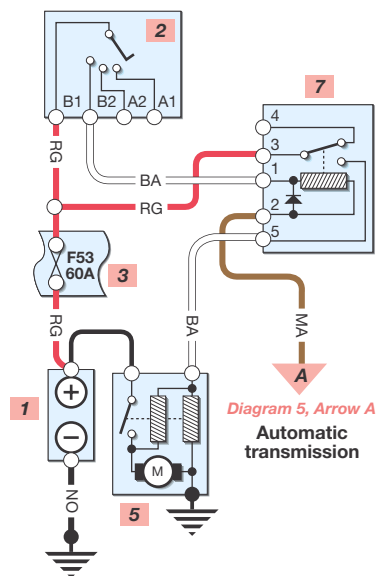
- | | |
|----------------------------------|---|
| 1 Battery | 9 Cooling fan switch (single temperature) |
| 2 Ignition switch | 10 Cooling fan switch (dual temperature) |
| 3 Engine compartment fuse box | 11 Cooling fan motor |
| 4 Passenger compartment fuse box | 12 Cooling fan relay |
| 5 Starter motor | 13 Cooling fan 1st speed relay |
| 6 Alternator | 14 Cooling fan 2nd speed relay |
| 7 Starter relay | 15 Cooling fan resistor |
| 8 Diesel fuel shut-off valve | |

Diagram 2

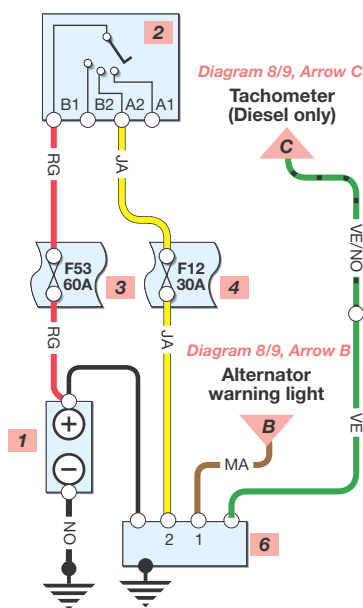
T.H.
H31765



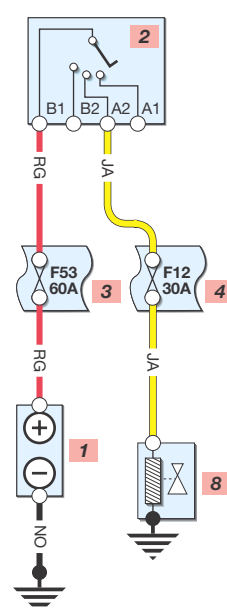
Typical starting system
(manual transmission)



Typical starting system
(automatic transmission)

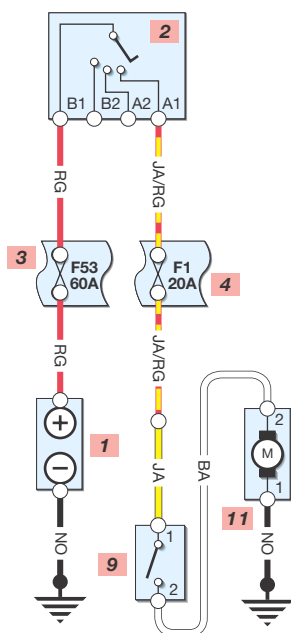


Typical charging system

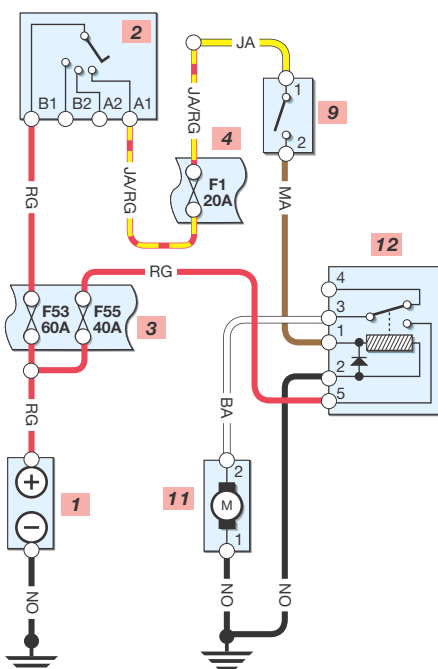


Typical Diesel fuel shut-off

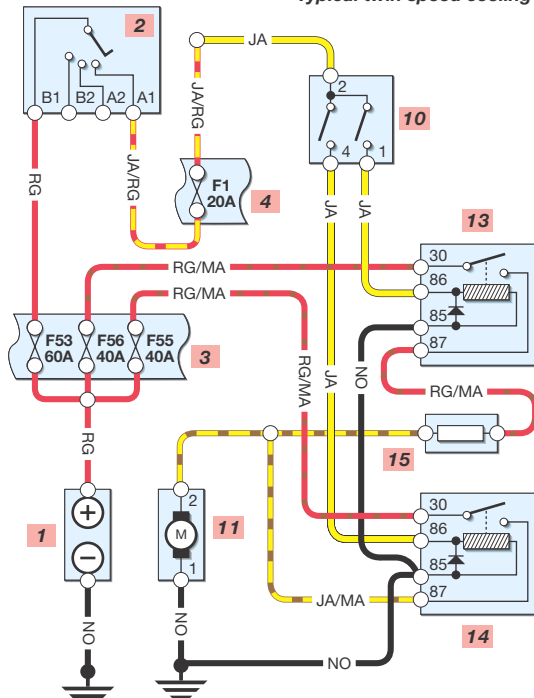
Typical single speed cooling fan
(manual transmission)



Typical single speed cooling fan
(automatic transmission)



Typical twin speed cooling fan



Wire colours

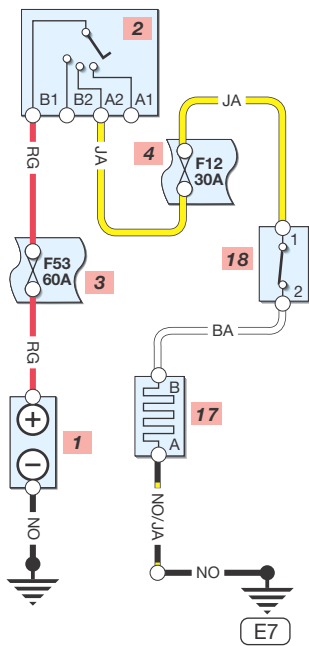
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BJ Beige	NO Black
CY Clear	OR Orange
GR Grey	RG Red
SA Pink	VI Mauve
VE Green	

Key to items

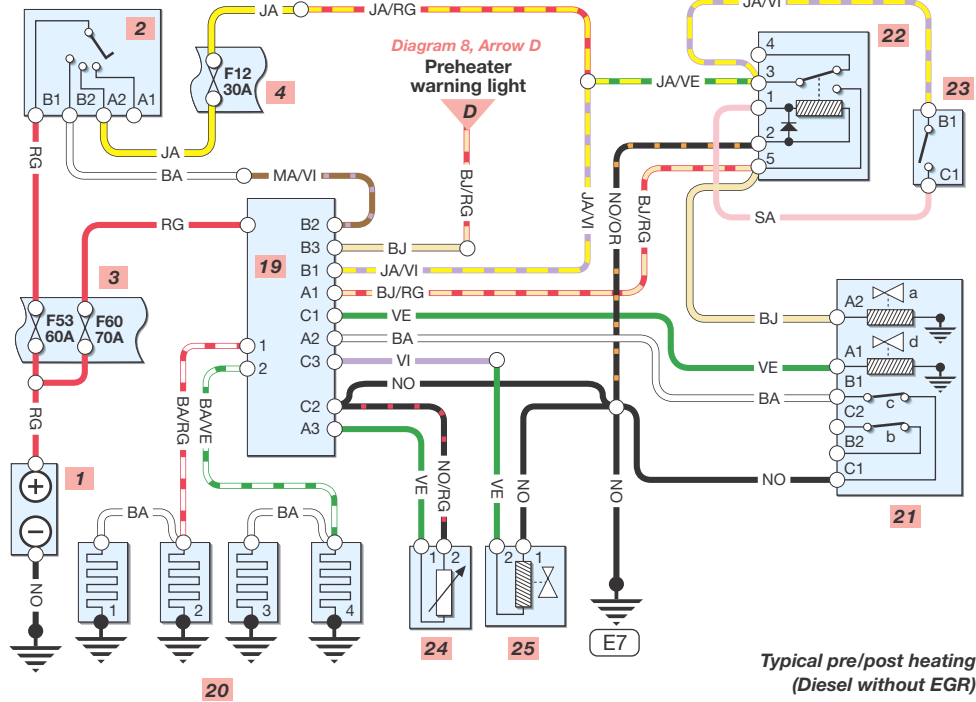
1 Battery	20 Glow plugs	23 Altitude capsule
2 Ignition switch	21 Pump unit	24 Coolant temperature sensor
3 Engine compartment fuse box	a = advance/retard valve	25 Fast idle solenoid valve
4 Passenger compartment fuse box	b = EGR switch	26 Clutch pedal switch
17 Fuel filter heater	c = throttle position switch	27 EGR timer relay
18 Fuel heater temperature switch	d = pump advance solenoid	28 EGR temperature switch
19 Preheater unit	22 Altitude relay	29 EGR valve

Diagram 3

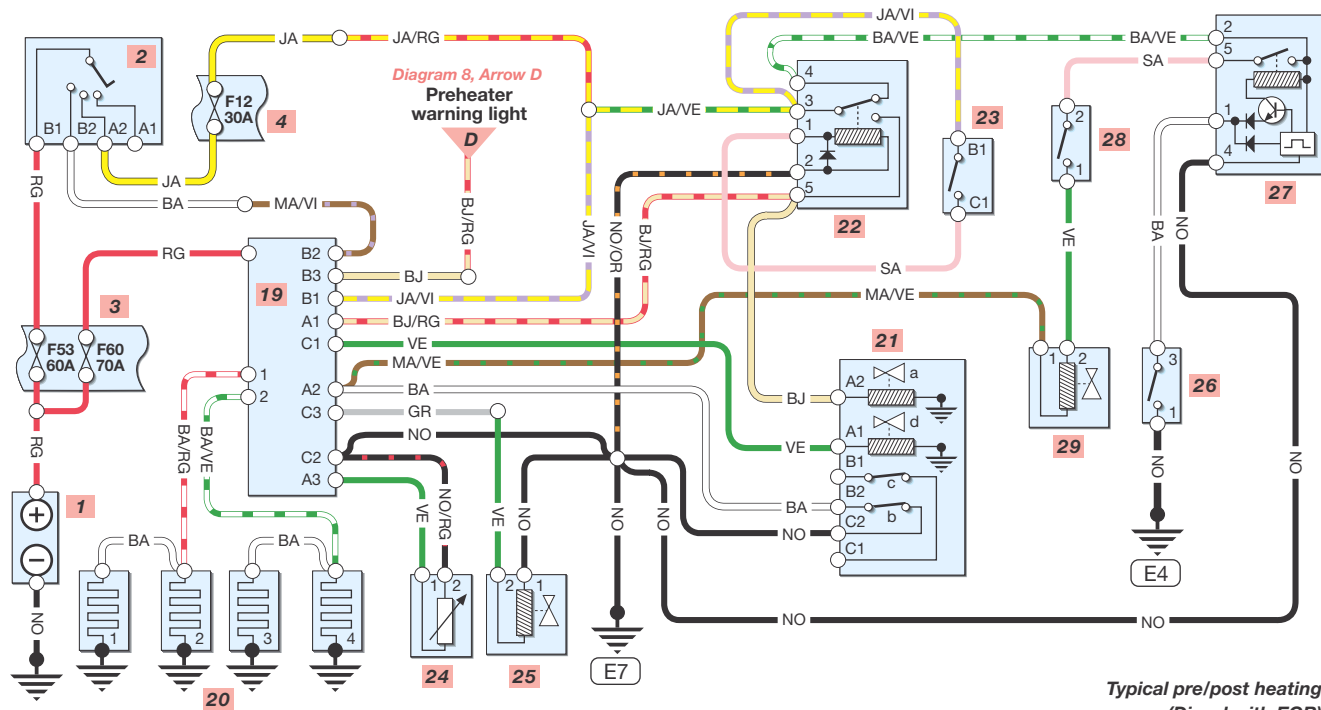
H31766



Typical Diesel fuel filter heater



Typical pre/post heating
(Diesel without EGR)



Typical pre/post heating
(Diesel with EGR)

Wire colours

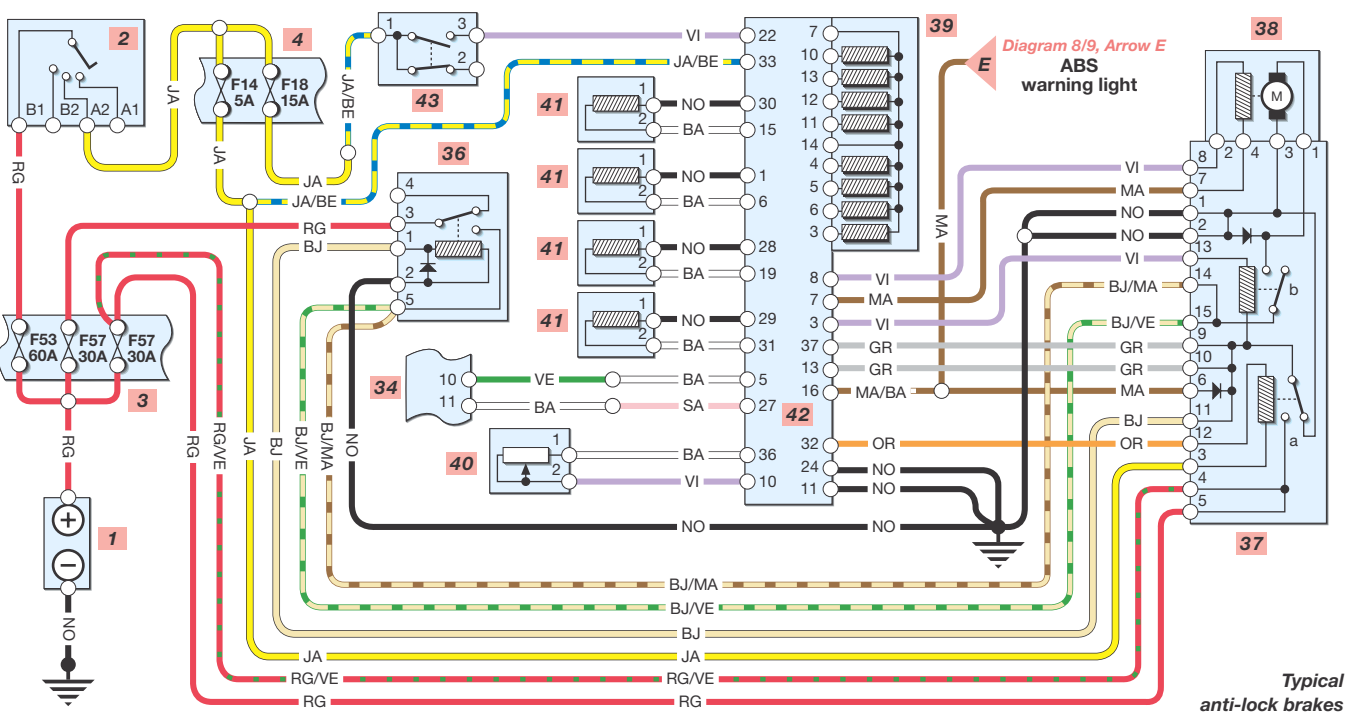
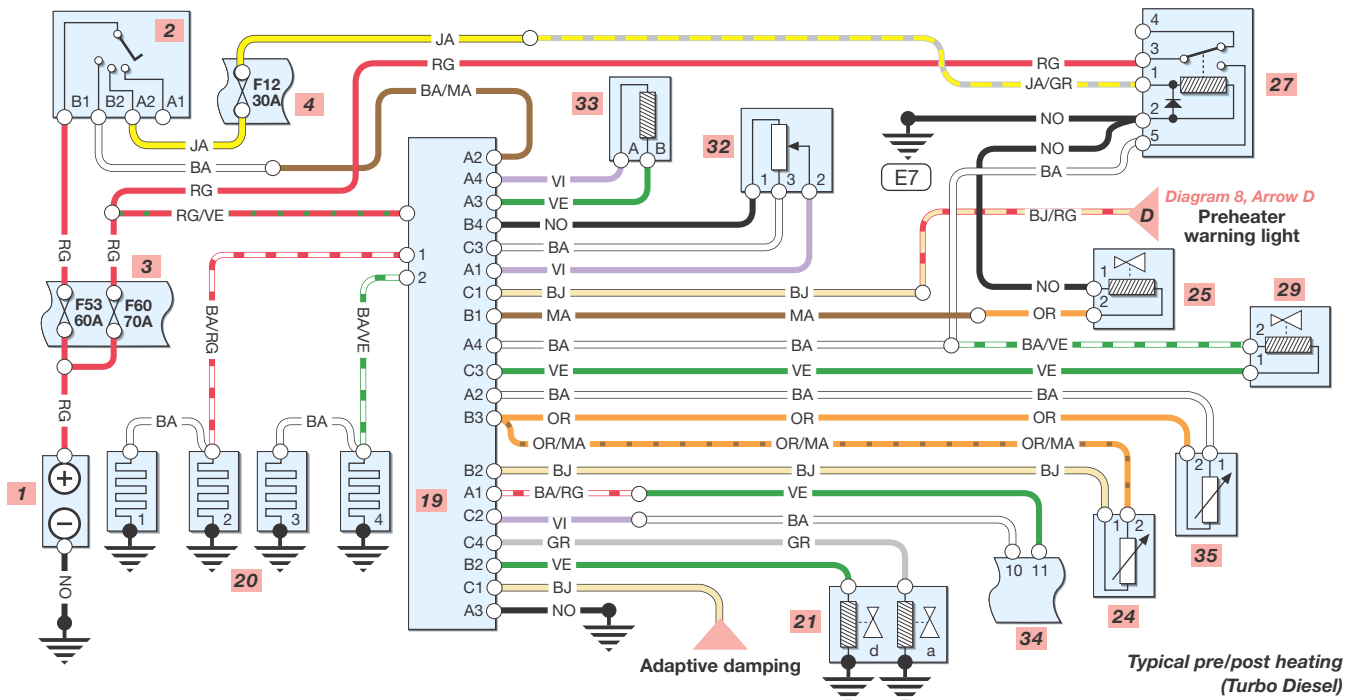
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BE Blue	MA Brown
BJ Beige	NO Black
CY Clear	OR Orange
GR Grey	RG Red
SA Pink	VI Mauve
VE Green	

Key to items

1 Battery	24 Coolant temperature switch	37 ABS connection plate
2 Ignition switch	25 Fast idle solenoid valve	a = ABS main relay
3 Engine compartment fuse box	27 EGR relay	b = ABS pump relay
4 Passenger compartment fuse box	29 EGR valve	38 ABS hydraulic unit
19 Preheater unit	32 Throttle potentiometer	39 ABS solenoid valve unit
20 Glow plugs	33 Speed threshold sensor	40 Pedal travel sensor
21 Pump unit	34 Diagnostic socket	41 Wheel sensor
a = advance/retard valve	35 Air temperature sensor	42 ABS ECU
d = pump advance solenoid	36 ABS auxiliary relay	43 Stop light switch

Diagram 4

T.M.
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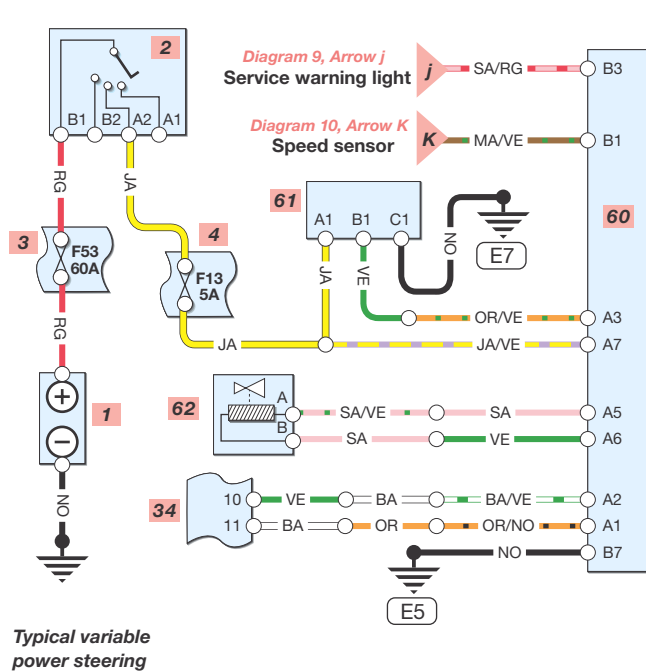
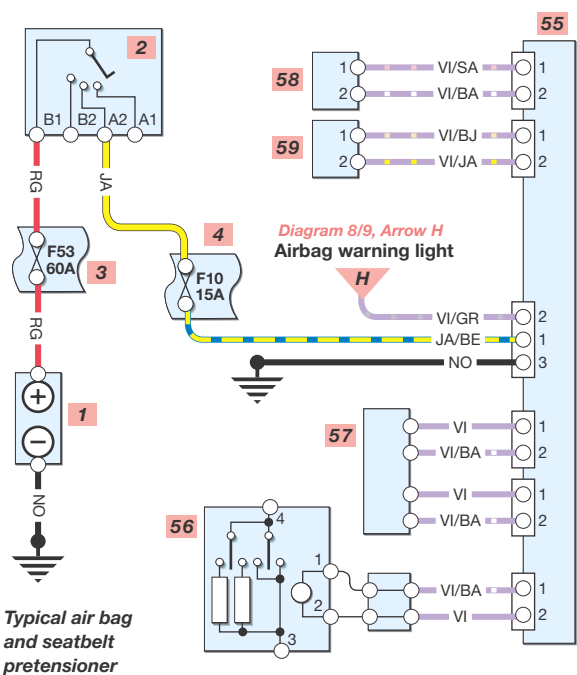
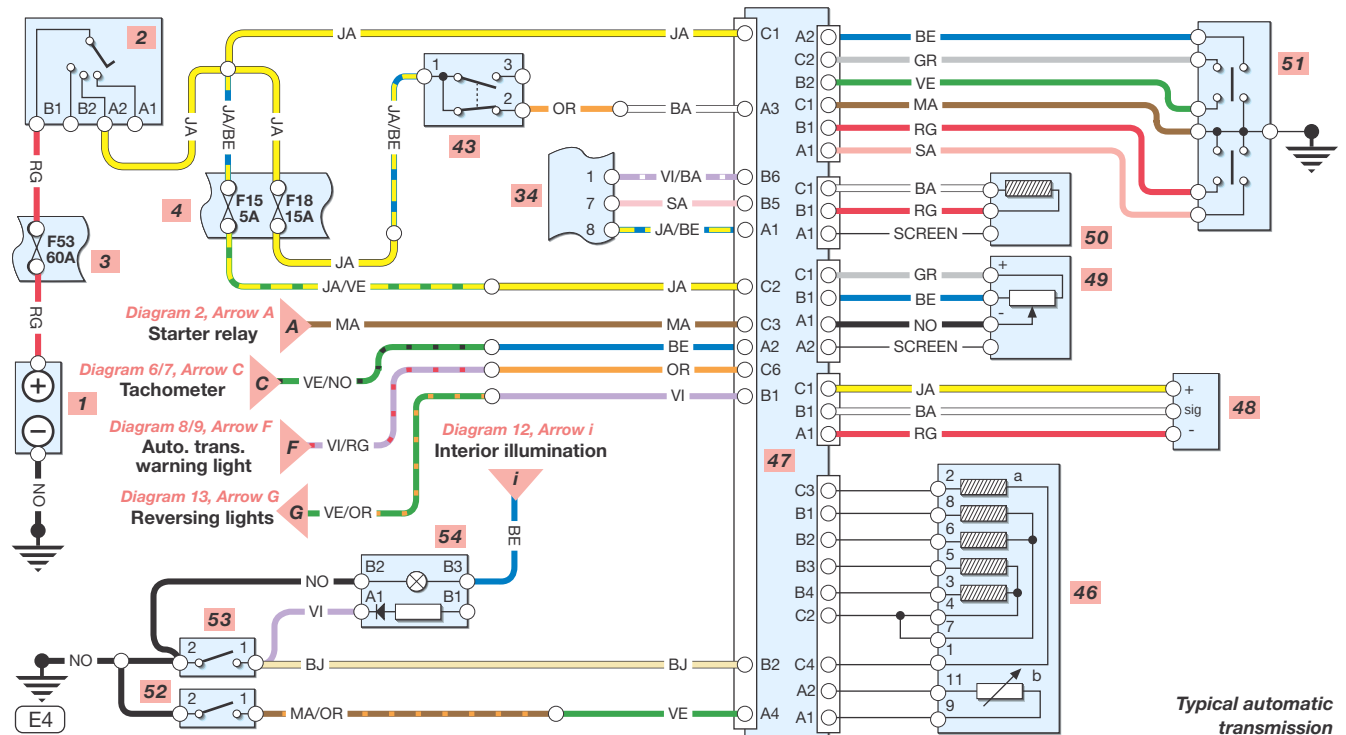
Wire colours

BA White	JA Yellow
BE Blue	MA Brown
BJ Beige	NO Black
CY Clear	OR Orange
GR Grey	RG Red
SA Pink	VI Mauve
VE Green	

Key to items

1 Battery	48 Line pressure sensor
2 Ignition switch	49 Throttle potentiometer
3 Engine compartment fuse box	50 Speed sensor
4 Passenger compartment fuse box	51 Multifunction switch
34 Diagnostic socket	52 Kick down switch
43 Stop light switch	53 Shift speed control switch
46 Auto. trans. control unit	54 Selector light
47 Auto. trans. ECU	55 Airbag control unit

Diagram 5



Wire colours

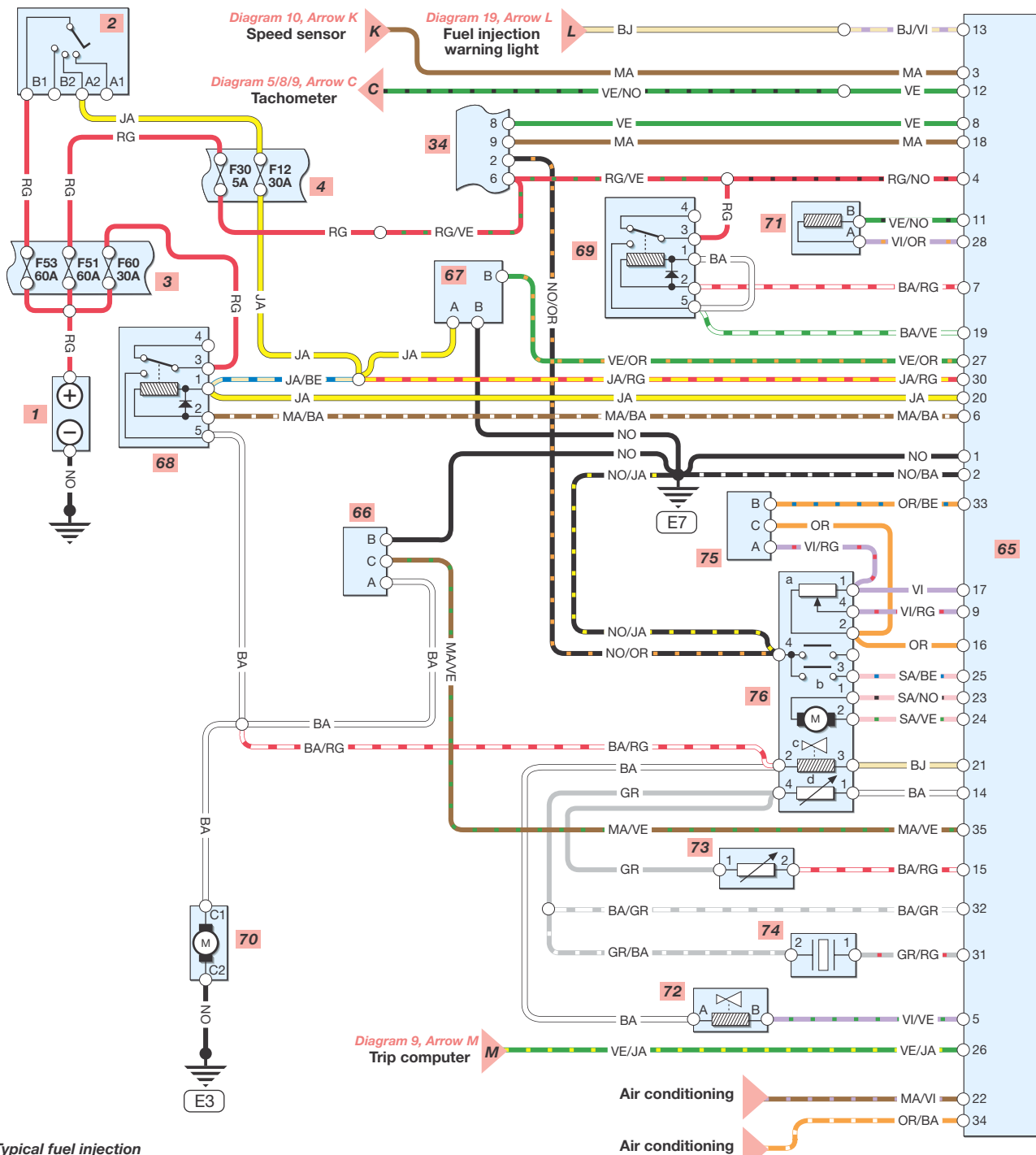
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BE Blue	MA Brown
BJ Beige	NO Black
CY Clear	OR Orange
GR Grey	RG Red
SA Pink	VI Mauve
VE Green	

Key to items

1 Battery	67 Ignition power module	74 Knock sensor
2 Ignition switch	68 Fuel pump relay	75 MAP sensor
3 Engine compartment fuse box	69 Injection locking relay	76 Throttle body
4 Passenger compartment fuse box	70 Fuel pump	a = throttle potentiometer
34 Diagnostic socket	71 Crankshaft sensor	b = idle speed regulator
65 Fuel injection ECU	72 Canister purge solenoid valve	c = fuel injection
66 Oxygen sensor	73 Coolant temperature sensor	d = air temperature sensor

Diagram 6

T.M.
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Typical fuel injection
(Bosch monopoint)

Wire colours

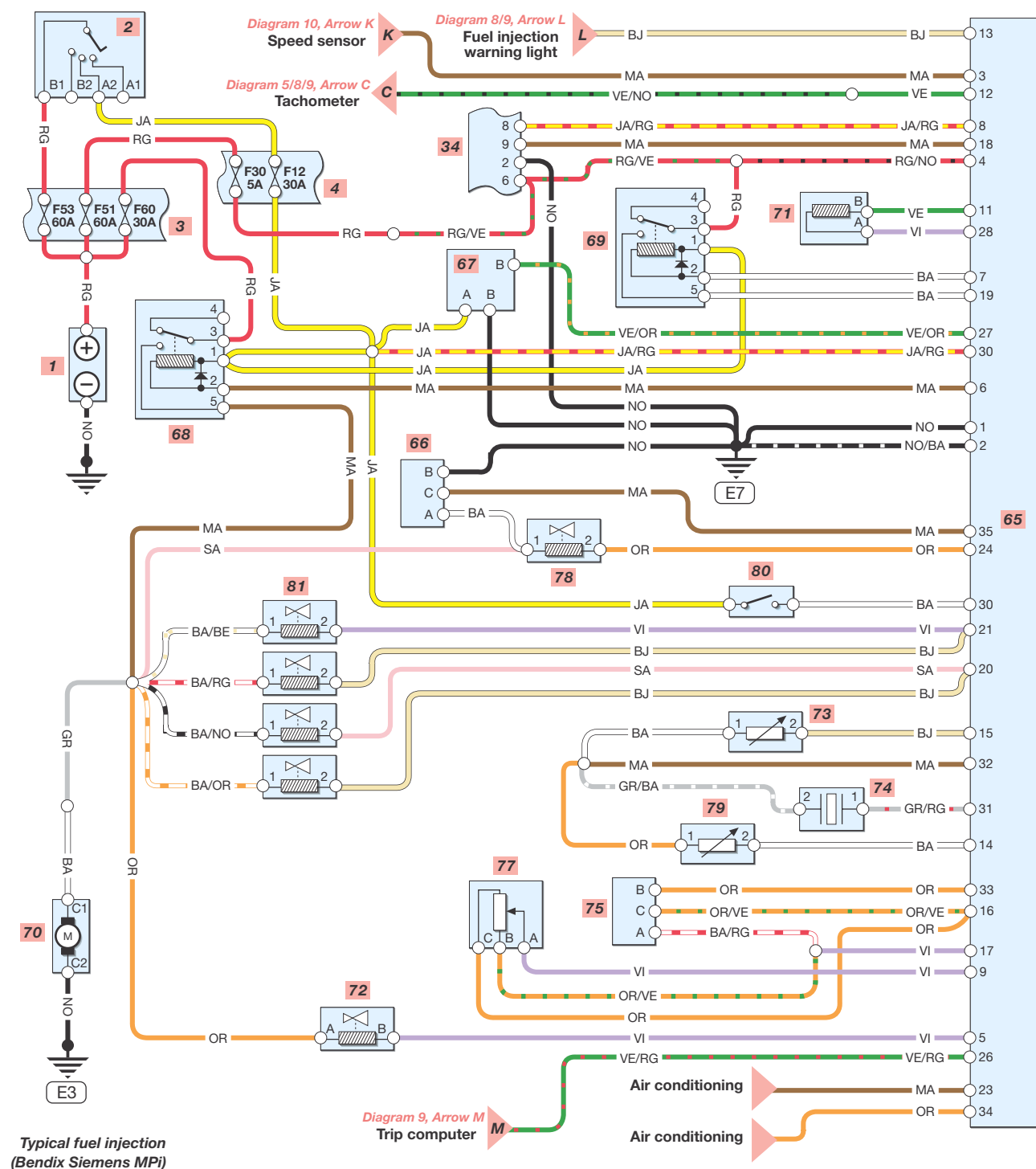
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BE Blue	MA Brown
BJ Beige	NO Black
CY Clear	OR Orange
GR Grey	RG Red
SA Pink	VI Mauve
VE Green	

Key to items

1 Battery	67 Ignition power module	74 Knock sensor
2 Ignition switch	68 Fuel pump relay	75 MAP sensor
3 Engine compartment fuse box	69 Injection locking relay	77 Throttle potentiometer
4 Passenger compartment fuse box	70 Fuel pump	78 Idle speed regulator
34 Diagnostic socket	71 Crankshaft sensor	79 Air temperature sensor
65 Fuel injection ECU	72 Canister purge solenoid valve	80 Power steering pressure switch
66 Oxygen sensor	73 Coolant temperature sensor	81 Fuel injectors

Diagram 7

T.M.
H31770



Wire colours

BA White	JA Yellow
BE Blue	MA Brown
BJ Beige	NO Black
CY Clear	OR Orange
GR Grey	RG Red
SA Pink	VI Mauve
VE Green	

Key to items

1	Battery
2	Ignition switch
3	Engine compart. fuse box
4	Passenger compart. fuse box
85	Instrument cluster
a	= fuel gauge
b	= control unit
c	= low fuel tell-tale
d	= analogue clock
e	= coolant temperature gauge
f	= airbag tell-tale
g	= heated seat tell-tale

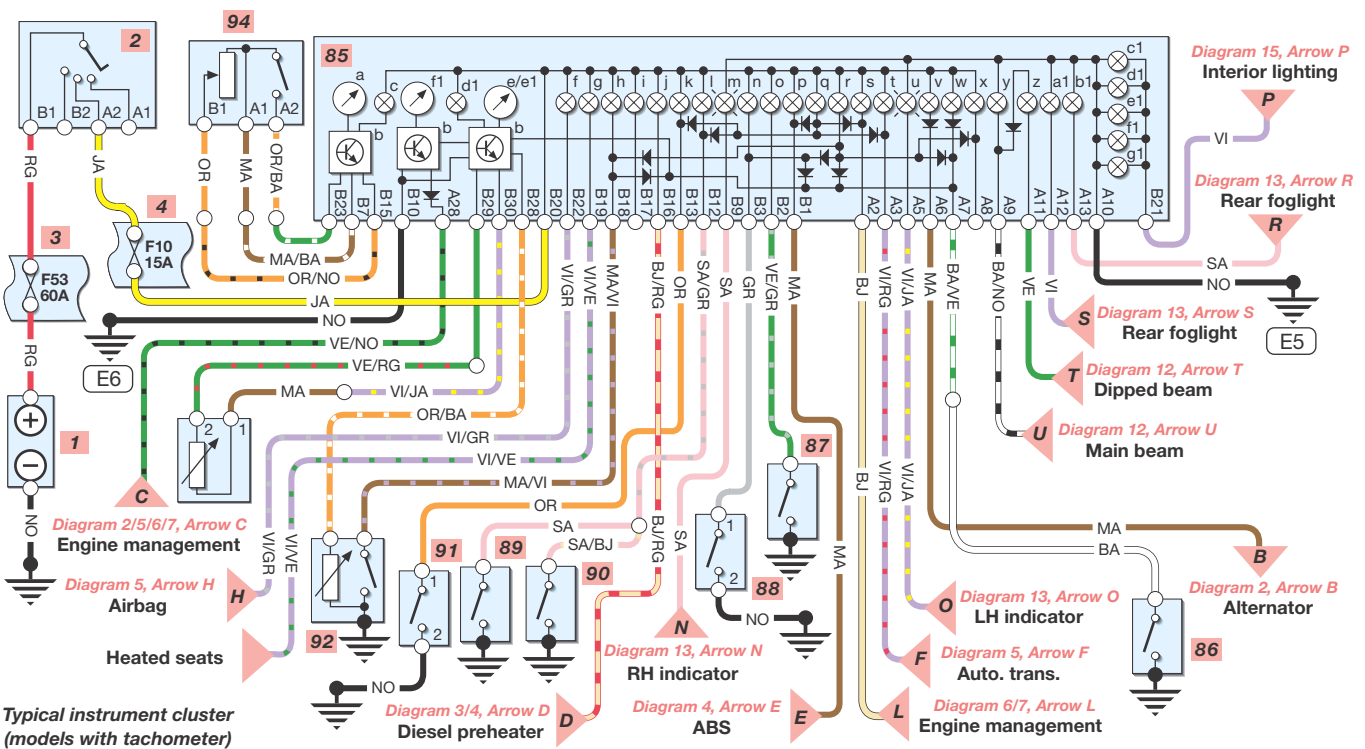
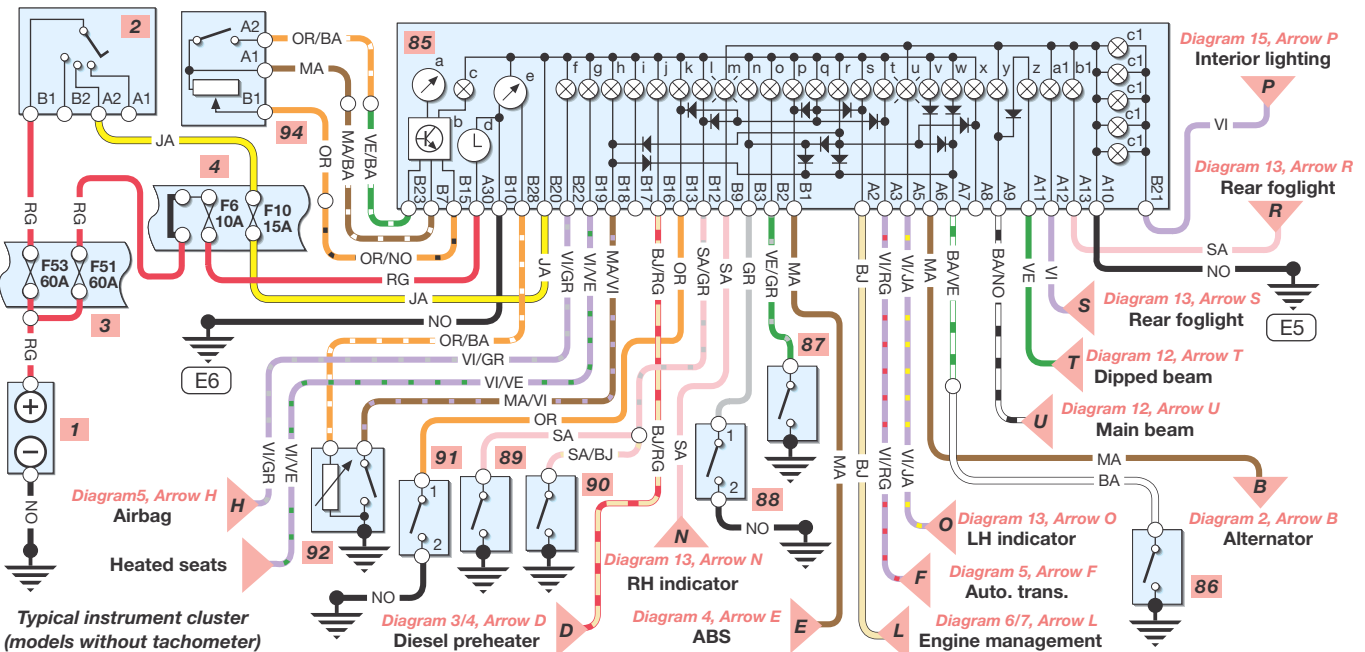
h	= high coolant temp. tell-tale
i	= seatbelt tell-tale
j	= preheater tell-tale
k	= low washer tell-tale
l	= pad wear tell-tale
m	= RH indicator tell-tale
n	= low brake fluid tell-tale
o	= handbrake tell-tale
p	= ABS tell-tale
q	= service tell-tale
r	= stop tell-tale
s	= injection tell-tale

t	= auto. trans. tell-tale
u	= LH indicator tell-tale
v	= alternator tell-tale
w	= low oil pressure tell-tale
x	= cat temp. tell-tale
y	= main beam tell-tale
z	= dipped beam tell-tale
a1	= front foglight tell-tale
b1	= rear foglight tell-tale
c1	= instrument illumination
d1	= low oil level tell-tale
e1	= oil level gauge

f1	= tachometer
86	Oil pressure switch
87	Handbrake switch
88	Low brake fluid switch
89	LH pad wear sensor
90	RH pad wear sensor
91	Low washer fluid switch
92	Coolant temperature sensor
93	Oil level sensor
94	Fuel gauge sender unit

Diagram 8

T.M.
H31771



Wire colours

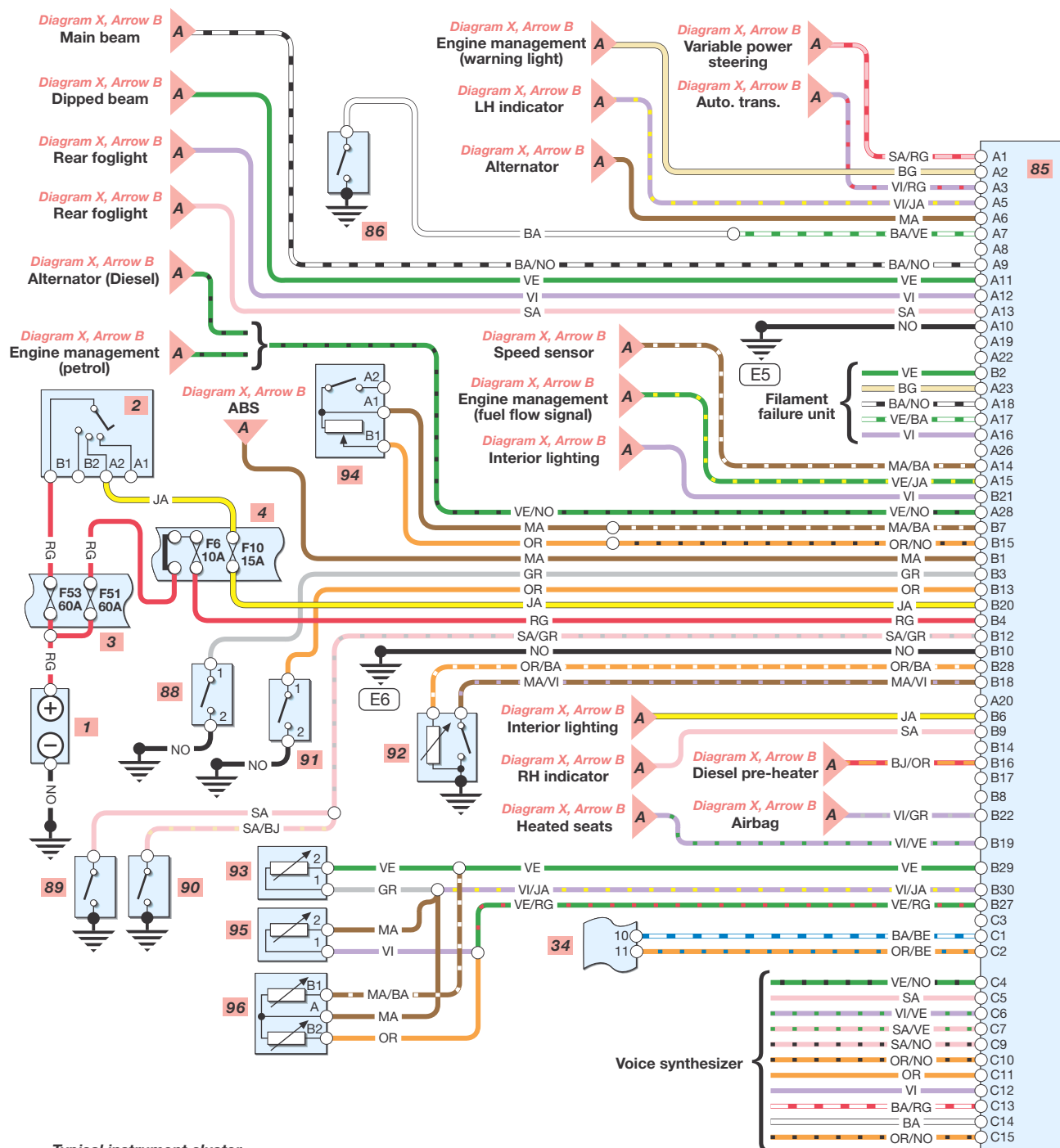
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BE Blue	MA Brown
BJ Beige	NO Black
CY Clear	OR Orange
GR Grey	RG Red
SA Pink	VI Mauve
VE Green	

Key to items

1 Battery	88 Low brake fluid switch	95 Oil temperature sensor (Diesel)
2 Ignition switch	89 LH pad wear sensor	96 Combined oil level/temperature sensor (petrol)
3 Engine compart. fuse box	90 RH pad wear sensor	
4 Passenger compart. fuse box	91 Low washer fluid switch	
34 Diagnostic socket	92 Coolant temperature sensor	
85 Instrument cluster	93 Oil level sensor (Diesel)	
86 Oil pressure switch	94 Fuel gauge sender unit	

Diagram 9

H31772



Typical instrument cluster
(models with on-board computer)

Wire colours

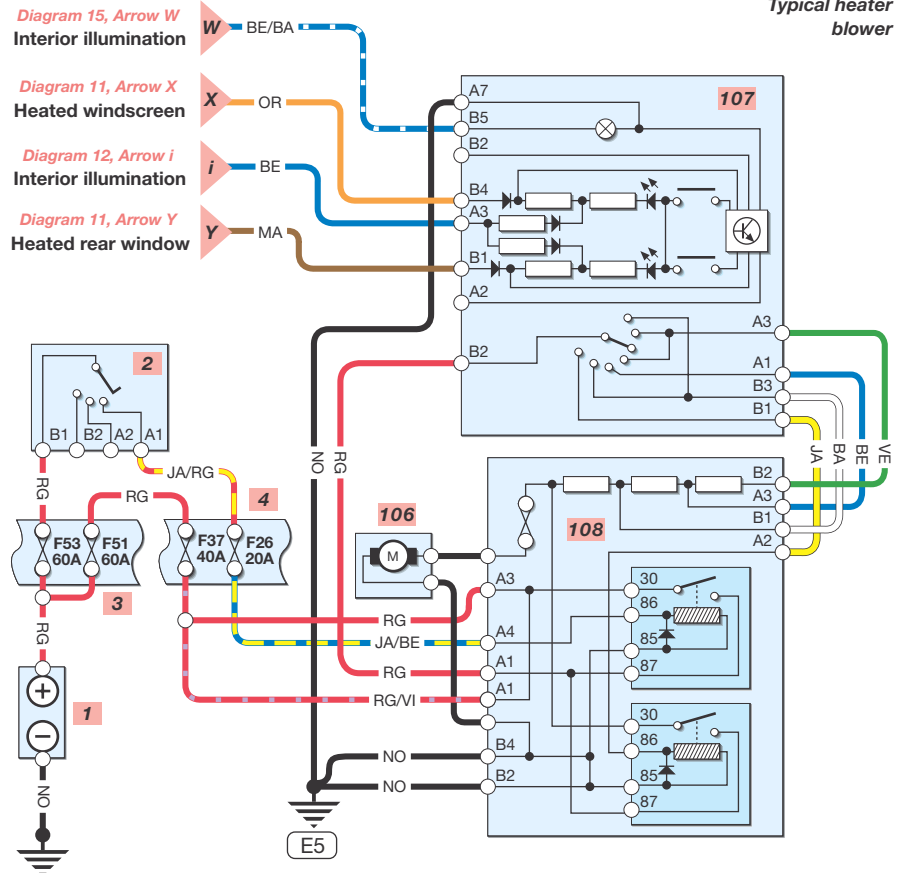
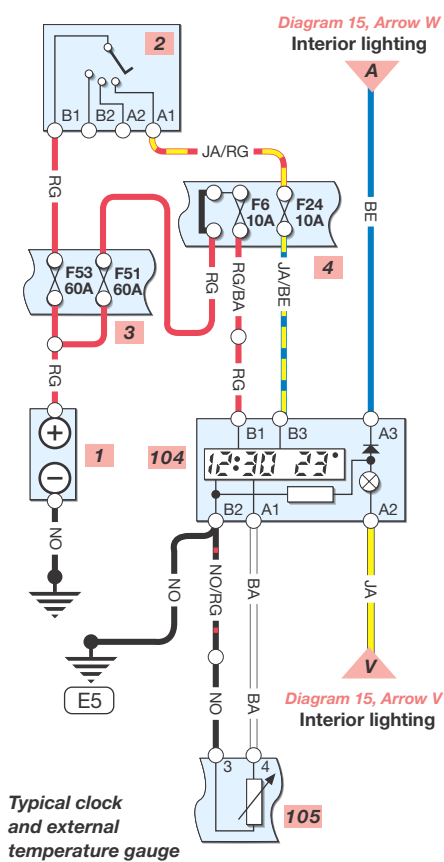
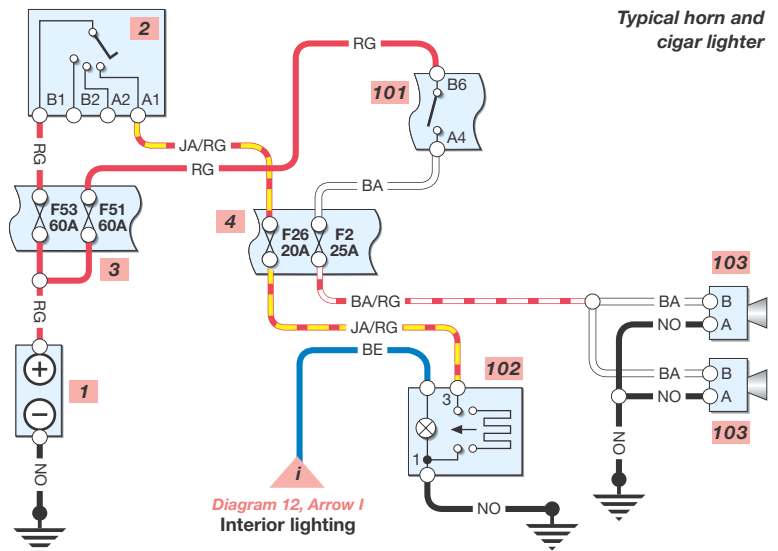
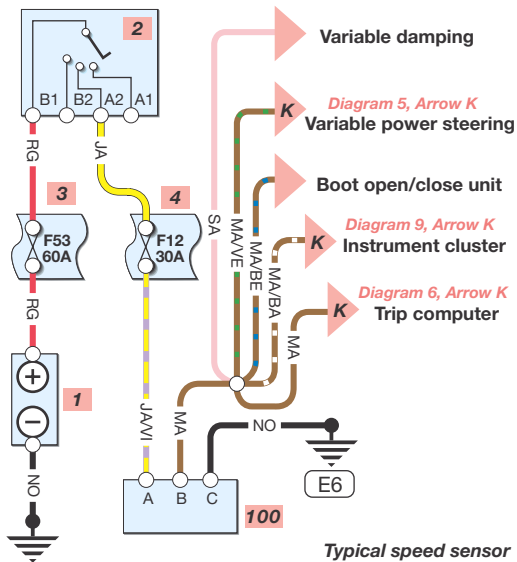
BA White	JA Yellow
BE Blue	MA Brown
BJ Beige	NO Black
CY Clear	OR Orange
GR Grey	RG Red
SA Pink	VI Mauve
VE Green	

Key to items

1 Battery	103 Horn
2 Ignition switch	104 Clock and external temperature gauge
3 Engine compartment fuse box	105 Passenger side electric mirror
4 Passenger compartment fuse box	106 Heater blower motor
100 Speed sensor	107 Heater switch
101 Combined lighting/horn switch	108 Heater resistor unit
102 Cigar lighter	

Diagram 10

T.14
H31773



Wire colours

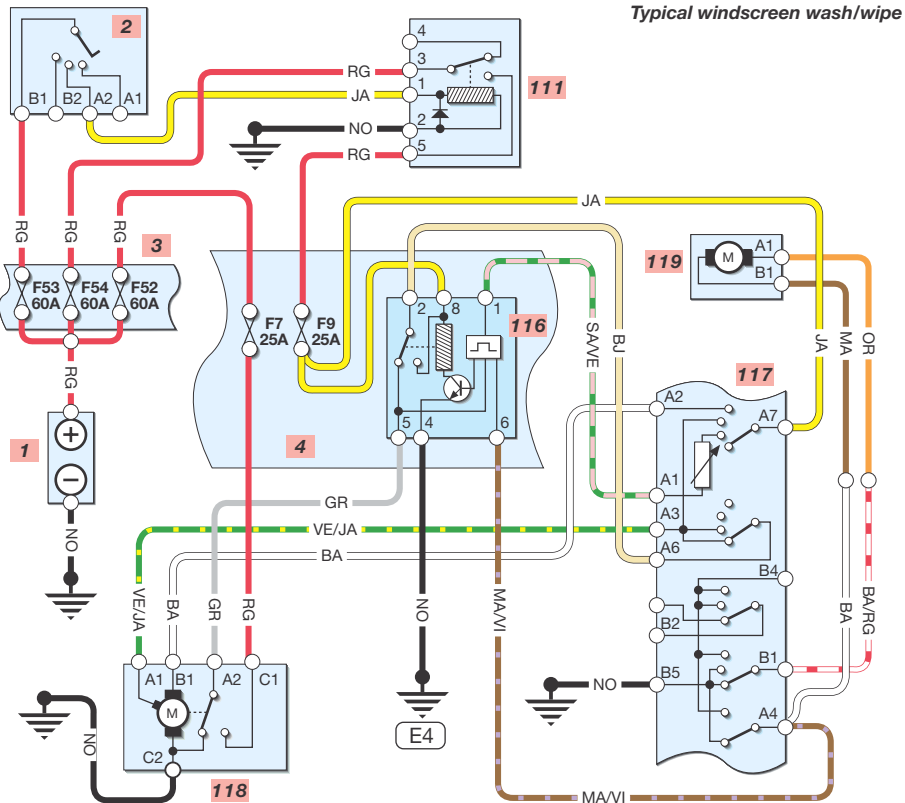
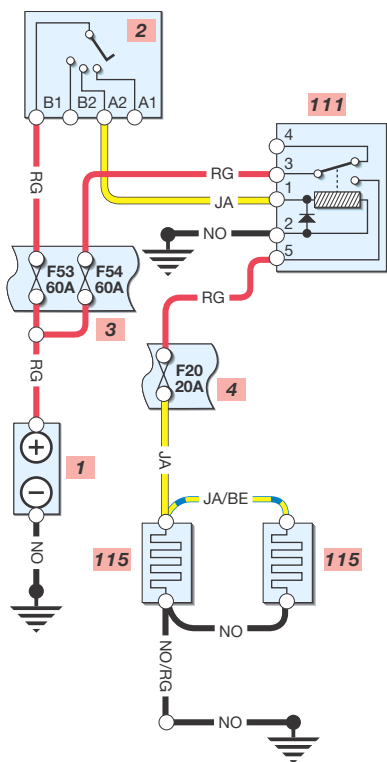
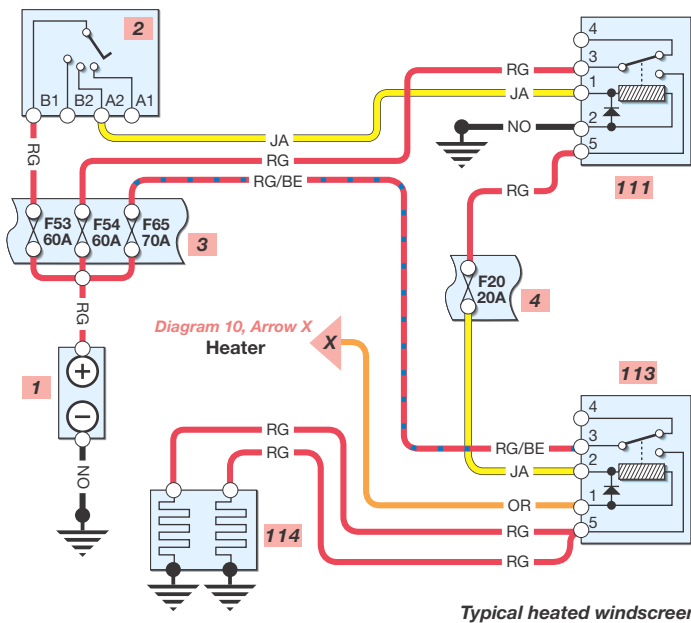
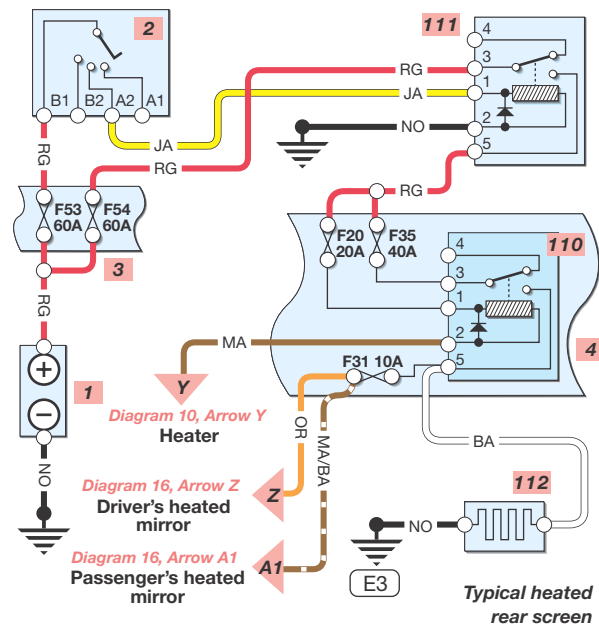
BA White	JA Yellow
BE Blue	MA Brown
BJ Beige	NO Black
CY Clear	OR Orange
GR Grey	RG Red
SA Pink	VI Mauve
VE Green	

Key to items

1 Battery	113 Heated windscreen relay
2 Ignition switch	114 Heated windscreen
3 Engine compartment fuse box	115 Heated washer jet
4 Passenger compartment fuse box	116 Windscreen wiper timer
110 Heated rear window relay	117 Wash/wipe combination switch
111 Ignition relay 1	118 Front wiper motor
112 Heated rear window	119 Front/rear washer pump

Diagram 11

T.14
H31774



Wire colours

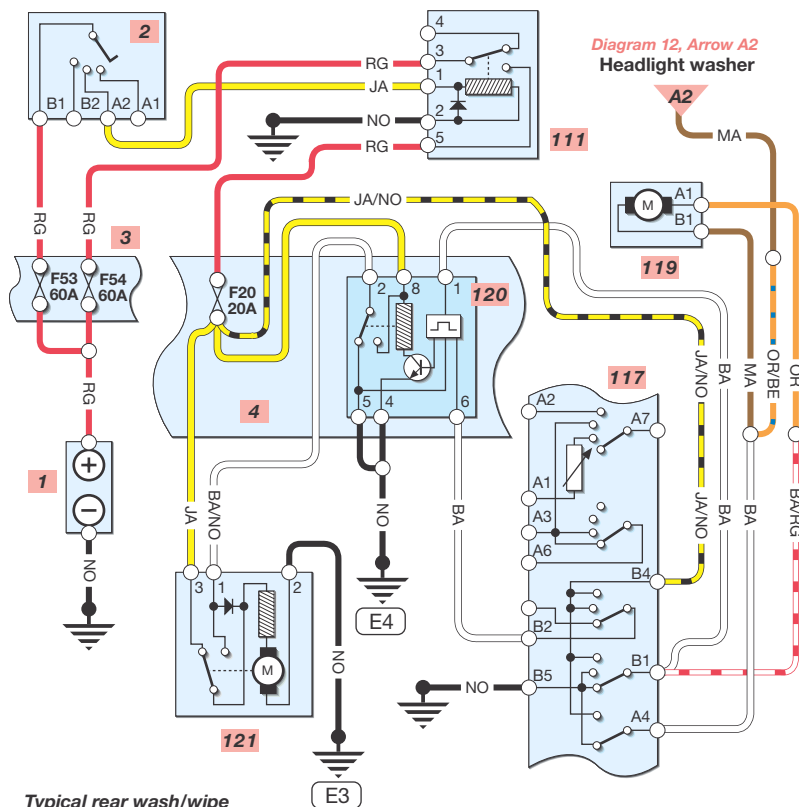
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GR Grey	RG Red
SA Pink	VI Mauve
VE Green	

Key to items

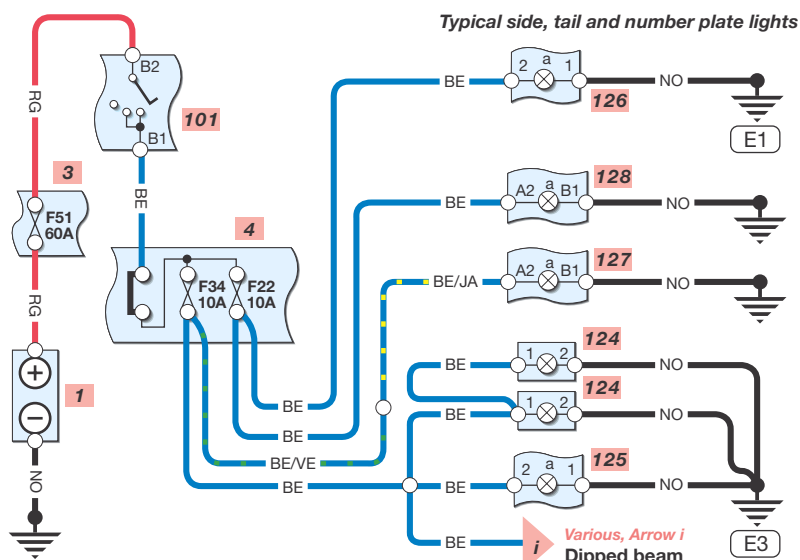
1 Battery	122 Headlight washer timer relay	128 RH headlight unit
2 Ignition switch	123 Headlight washer pump	a = sidelight
3 Engine compartment fuse box	124 Number plate light	b = dip beam
4 Passenger compartment fuse box	125 LH rear light cluster	c = main beam
101 Combined lighting/horn switch	a = tail light	
110 Heated rear window relay	126 RH rear light cluster	
111 Ignition relay 1	a = tail light	
117 Wash/wipe combination switch	127 LH headlight unit	
119 Front/rear washer pump	a = sidelight	
120 Rear wiper timer relay	b = dip beam	
121 Rear wiper motor	c = main beam	

Diagram 12

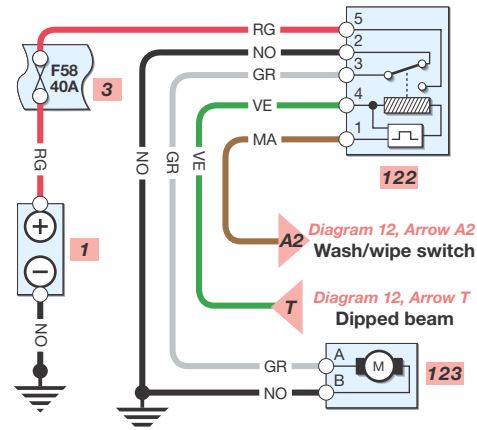
T. 12
H31775



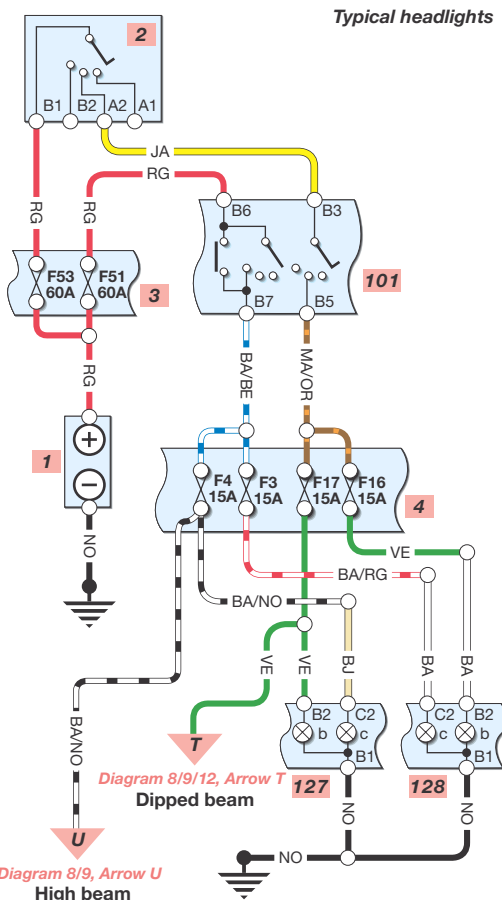
Typical rear wash/wipe



Typical side, tail and number plate lights



Typical headlight washer



Typical headlights

Wire colours

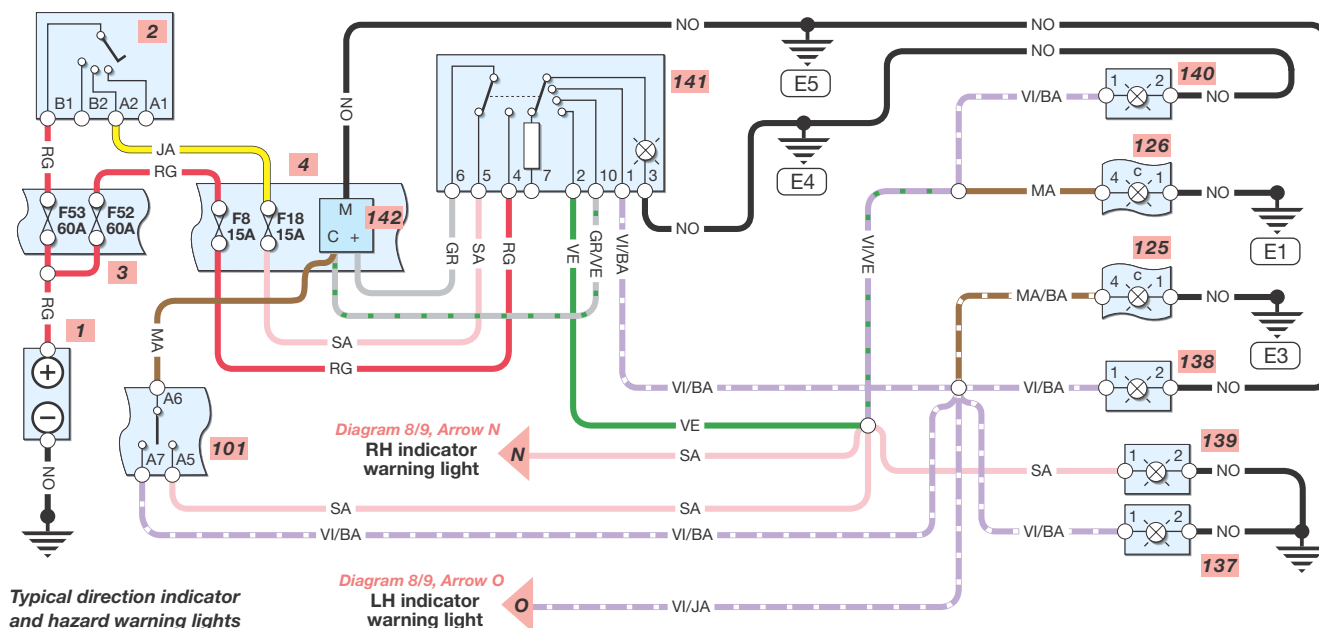
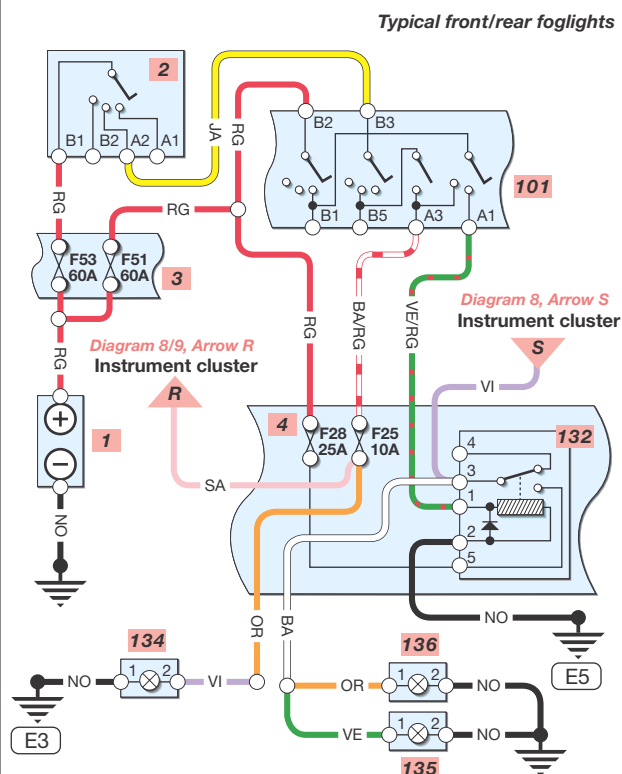
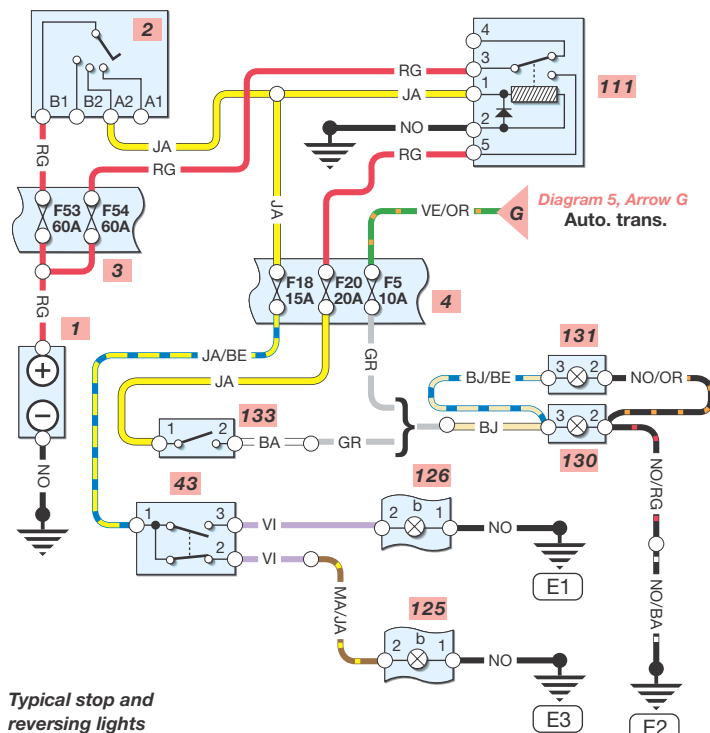
BA White	JA Yellow
BE Blue	MA Brown
BJ Beige	NO Black
CY Clear	OR Orange
GR Grey	RG Red
SA Pink	VI Mauve
VE Green	

Key to items

1 Battery	126 RH rear light cluster	136 RH front foglight
2 Ignition switch	b = stop light	137 LH front direction indicator
3 Engine compartment fuse box	c = direction indicator	138 LH direction indicator side repeater
4 Passenger compartment fuse box	130 LH reversing light	139 RH front direction indicator
43 Stop light switch	131 RH reversing light	140 RH direction indicator side repeater
101 Combined lighting/horn switch	132 Front foglight relay	141 Hazard warning light
111 Ignition relay 1	133 Reversing light switch	142 Direction indicator flasher unit
125 LH rear light cluster	134 Rear foglight	
b = stop light	135 LH front foglight	
c = direction indicator		

Diagram 13

T.M.
H31776



Wire colours

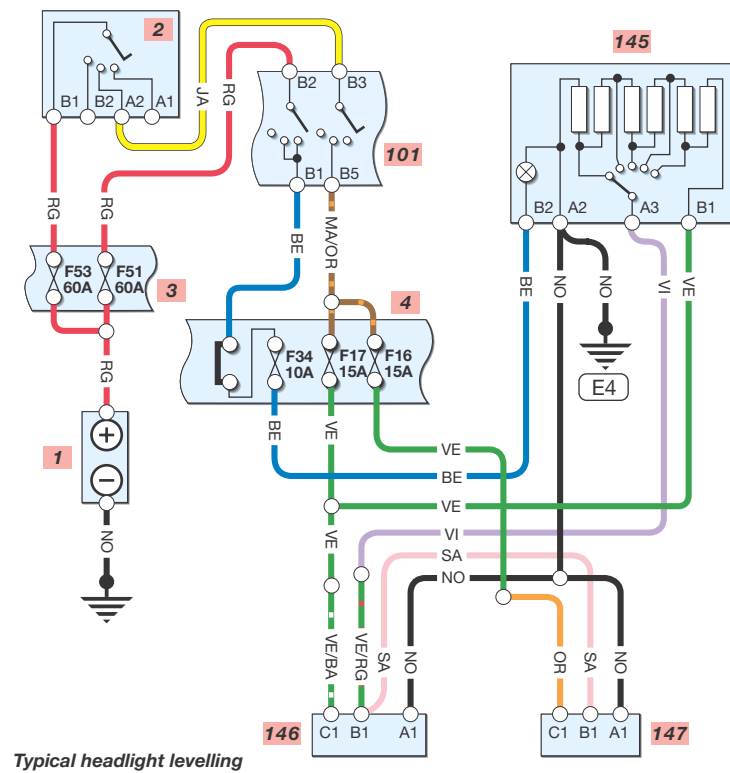
BA	White	JA	Yellow
BE	Blue	MA	Brown
BJ	Beige	NO	Black
CY	Clear	OR	Orange
GR	Grey	RG	Red
SA	Pink	VI	Mauve
VE	Green		

Key to items

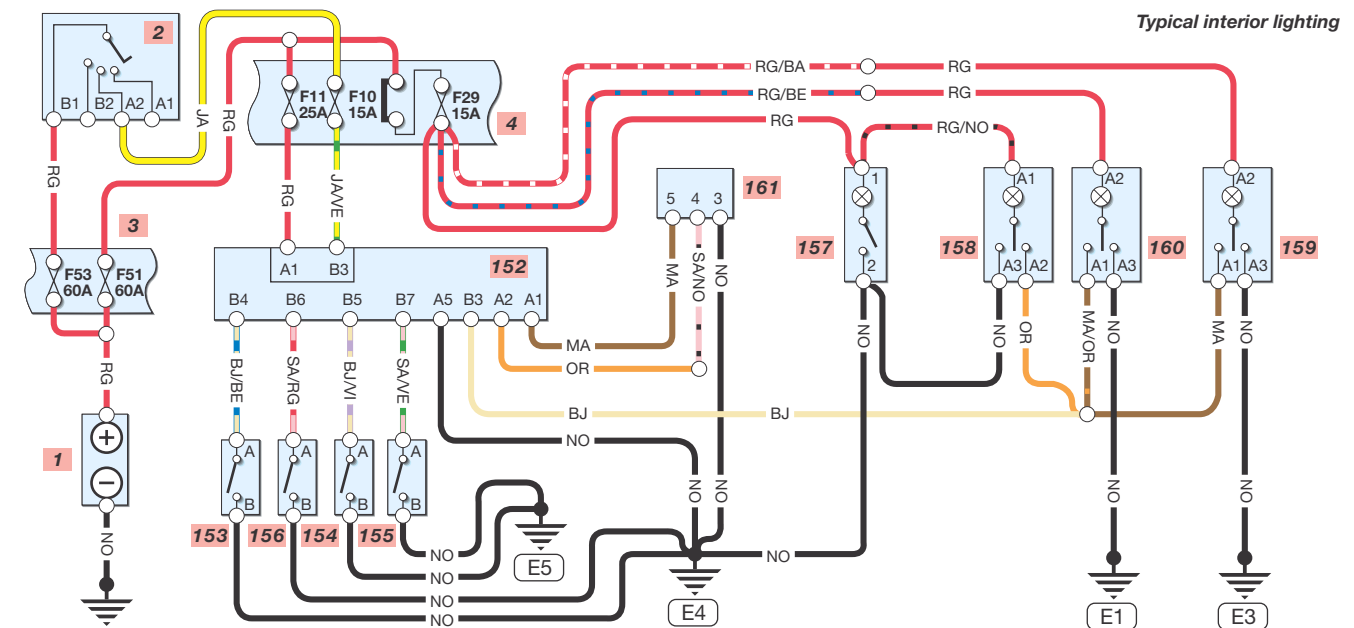
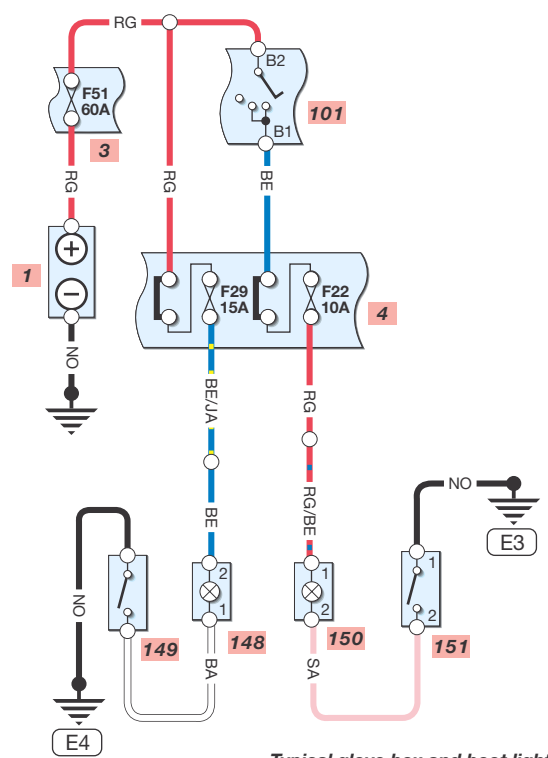
1	Battery	149	Glove box light switch	158	Front interior light
2	Ignition switch	150	Luggage compartment light	159	LH rear interior light
3	Engine compartment fuse box	151	Luggage compartment light switch	160	RH rear interior light
4	Passenger compartment fuse box	152	Interior lighting/central locking control unit	161	Infrared sensor
101	Combined lighting/horn switch	153	Driver's door switch		
145	Headlight levelling switch	154	Passenger's door switch		
146	LH headlight adjustment motor	155	LH rear door switch		
147	RH headlight adjustment motor	156	RH rear door switch		
148	Glove box light	157	Map reading light		

Diagram 14

H31777



Typical glove box and boot light



Wire colours

BA	White	JA	Yellow
BE	Blue	MA	Brown
BJ	Beige	NO	Black
CY	Clear	OR	Orange
GR	Grey	RG	Red
SA	Pink	VI	Mauve
VE	Green		

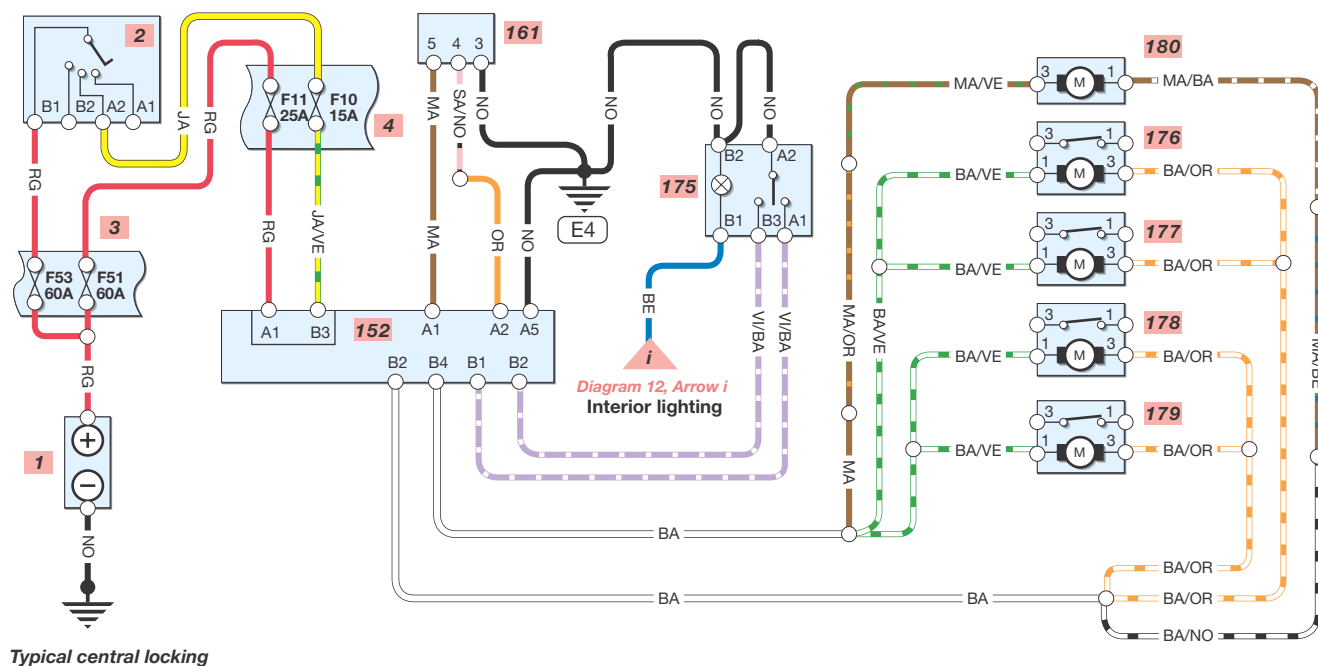
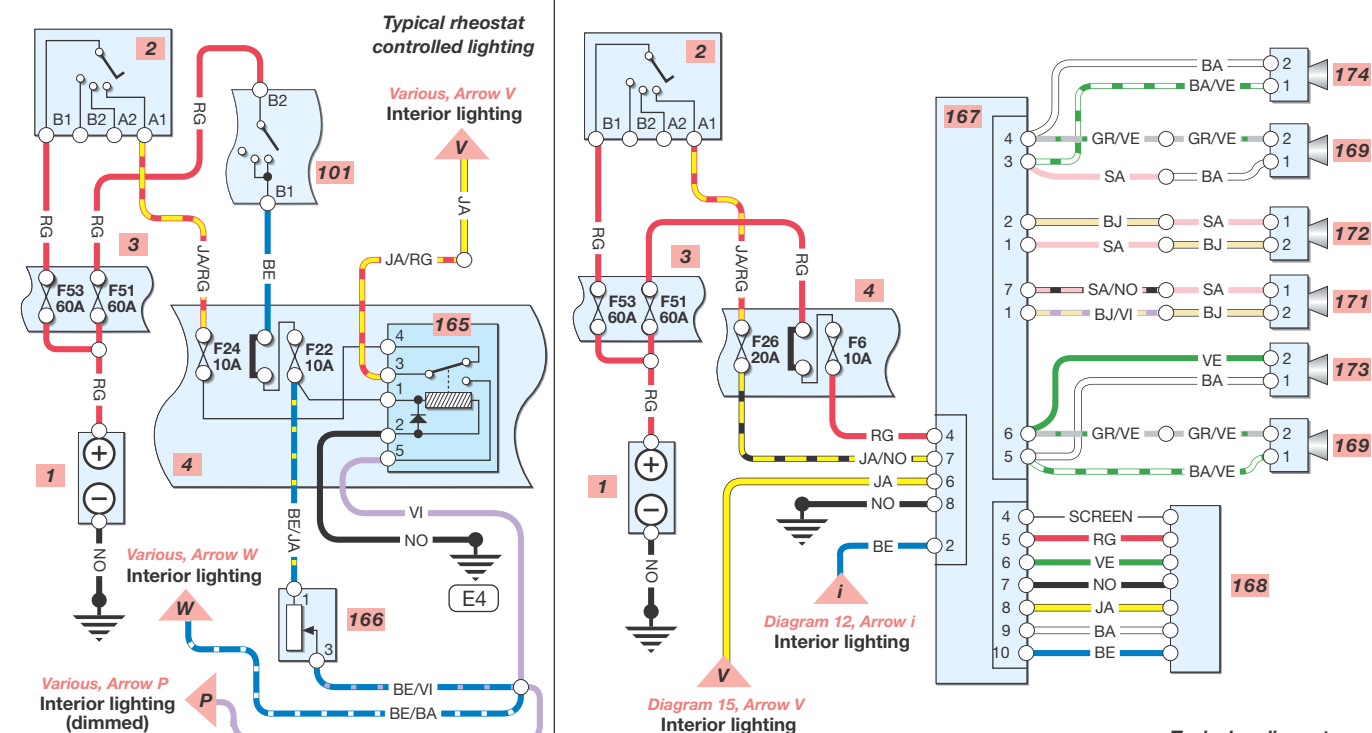
Key to items

1	Battery	167	Audio unit
2	Ignition switch	168	Satellite control unit
3	Engine compartment fuse box	169	LH front speaker
4	Passenger compartment fuse box	170	RH front speaker
101	Combined lighting/horn switch	171	LH rear speaker
152	Interior lighting/central locking control unit	172	RH rear speaker
161	Infrared sensor	173	LH tweeter
165	Lighting rheostat relay	174	RH tweeter
166	Interior lighting rheostat	175	Central locking control switch

Diagram 15

176	Driver's central locking motor
177	Passenger's central locking motor
178	LH rear central locking motor
179	RH rear central locking motor
180	Tailgate lock motor

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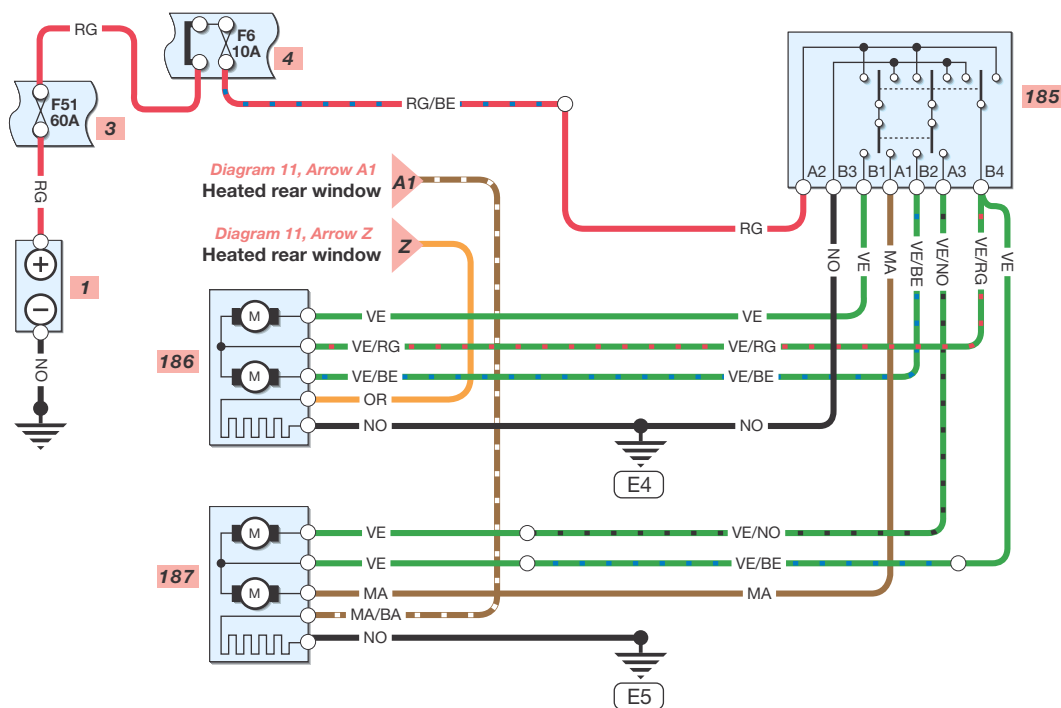
Typical central locking

BA White	JA Yellow
BE Blue	MA Brown
BJ Beige	NO Black
CY Clear	OR Orange
GR Grey	RG Red
SA Pink	VI Mauve
VE Green	

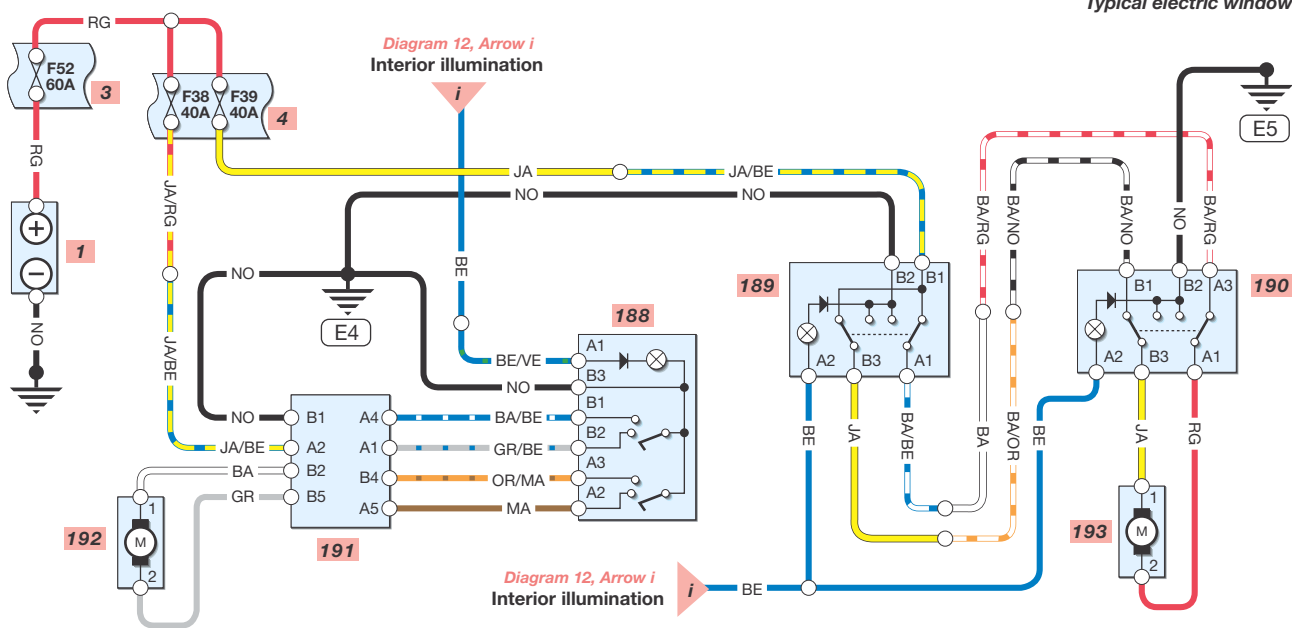
1 Battery
3 Engine compartment fuse box
4 Passenger compartment fuse box
185 Electric mirror switch
186 Driver's electric mirror
187 Passenger's electric mirror

- 188 Driver's electric window switch
189 Driver's switch for passenger window
190 Passenger's electric window switch
191 'One touch' control unit
192 Driver's window motor
193 Passenger's window motor

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Typical electric mirrors



Typical electric windows