

Fiat Brava/Bravo wiring diagrams 1995 to 1999

Key to circuits

Diagram 1 Key to symbols

Diagram 2 Starting and charging, engine cooling fan, horn, heated rear window, interior ventilation

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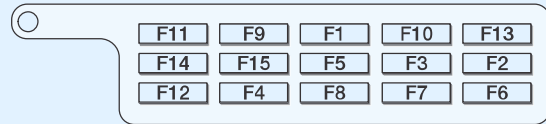
Diagram 10 Bosch Mono Motronic ignition and injection system (1.4 S, SX, Team,80)

Diagram 11 Instrument panel

Fiat Brava/Bravo wiring diagrams 1995 to 1999

Key to symbols

20	Item number
	Bulb
	Switch
	Multiple contact switch (ganged)
	Fuse/ fusible link
	Solenoid actuator
	Resistor
	Variable resistor
	Internal connection in a component
	Block connection, detachable
	Wire connection, fixed
	Wire colour (green wire with yellow tracer)
	Interconnecting line (thin line)
	Denotes alternative wiring variation
Diagram 5, Arrow B RH indicator signal	Connections to other circuits
	Earth point with location code
	Pump/motor
	Dashed outline denotes part of a larger item, containing in this case an electronic or solid state device
	Gauge/meter



Fuse holder

Fuse allocation

- | | | |
|-----------|------------|---|
| 1 | 15A | Exterior lights - Reversing, stop, direction indicators electric windows, air bag, ABS |
| 2 | 10A | Front RH side light, rear LH light, RH number plate light, radio lighting, instrument panel lighting, switch panel lighting |
| 3 | 10A | Front LH side light, heater/air conditioner controls lighting, rear RH light, LH number plate light |
| 4 | 10A | LH dipped beam |
| 5 | 10A | RH dipped beam, headlamp adjusters |
| 6 | 10A | RH main beam |
| 7 | 10A | LH main beam, main beam warning light |
| 8 | 10A | Rear fog lamps |
| 9 | 10A | Hazard warning lights |
| 10 | 15A | Courtesy light, luggage compartment light, clock, radio, glove compartment light |
| 11 | 20A | Heated rear window and warning light, heated mirrors |
| 12 | - | - |
| 13 | 20A | Horns |
| 14 | 20A | Front and rear screen wash/wipe, headlight washer |
| 15 | 20A | Interior ventilation fan, radiator fan, cigar lighter |

Index to diagrams

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Earth locations

- | | |
|-----------|--------------------------------|
| E1 | Battery earth on bodyshell |
| E2 | Left front earth |
| E3 | Left dashboard earth |
| E4 | Right front earth |
| E5 | Left rear earth |
| E6 | Right rear earth |
| E7 | Right dashboard earth |
| E8 | Earth for electronic injection |
| E9 | Earth for electronic ignition |

Wire colours

W	White	O	Orange
R	Red	Lb	Light blue
Y	Yellow		
Br	Brown		
P	Pink		
Bl	Blue		
Gr	Grey		
G	Green		
B	Black		
V	Violet		

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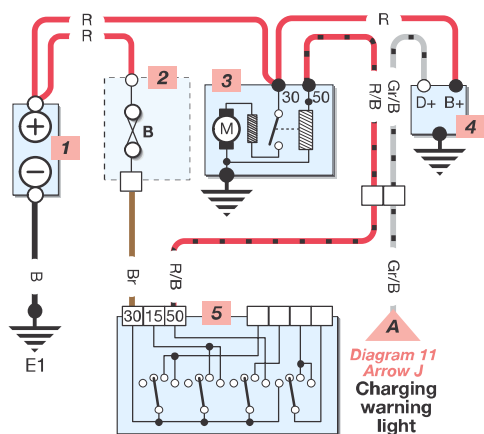
Key to items

- 1 Battery
- 2 Power fuse box
- B 40A fuse for ignition system
- D 80A fuse for junction unit
- 3 Starter motor
- 4 Alternator
- 5 Ignition switch
- 6 Engine cooling fan fuse 40/50A
- 7 Engine cooling fan
- 8 Thermostat switch on radiator
- 9 Steering column switch unit
- 10 Junction unit
- R1 Ignition relay
- R2 Horn relay
- R3 Heated rear window relay
- 11 Fan speed switch
- 12 Fan speed resistors
- 13 Climate control fan
- 14 Heater unit light bulbs
- 15 Horns

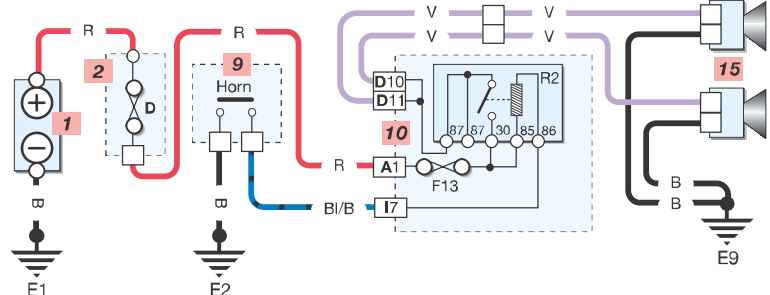
Diagram 2

- 16 Heated rear window
- 17 Switch control panel
- Heated rear window switch with warning light
- 18 Contact board for rear connections

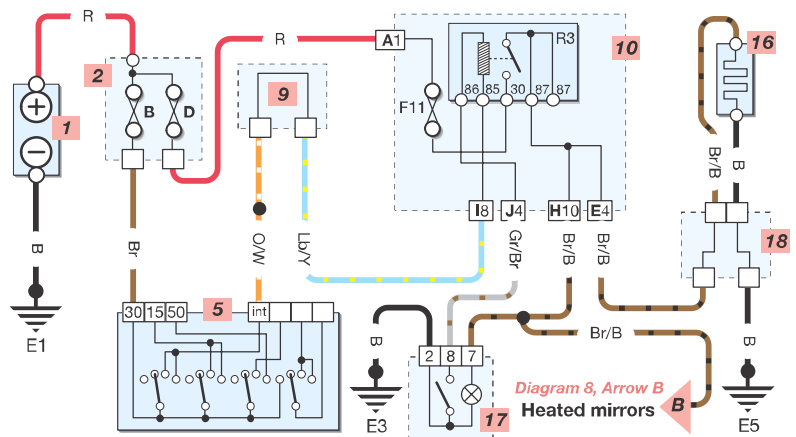
Starting and charging



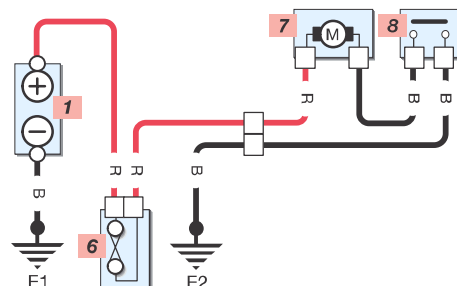
Horn



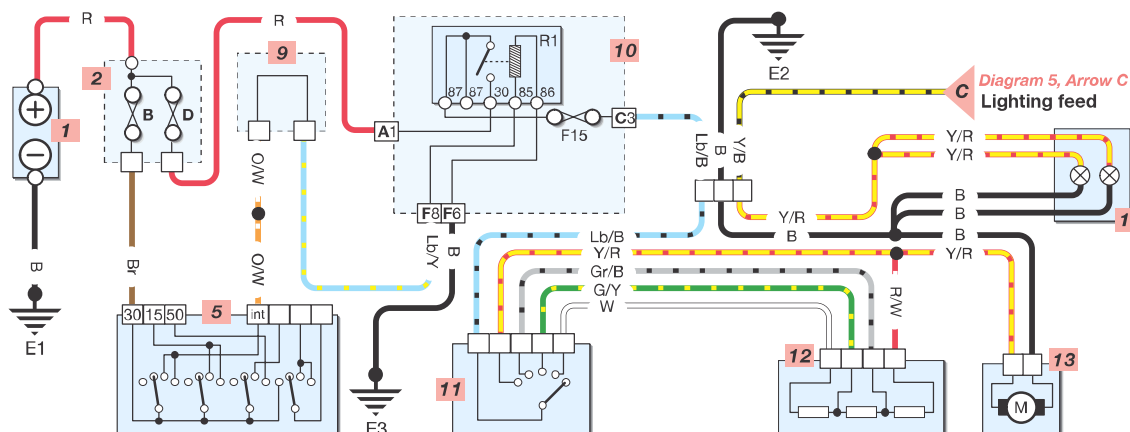
Heated rear window



Engine cooling fan



Interior ventilation



Wire colours

W	White	O	Orange
R	Red	Lb	Light blue
Y	Yellow		
Br	Brown		
P	Pink		
Bl	Blue		
Gr	Grey		
G	Green		
B	Black		
V	Violet		

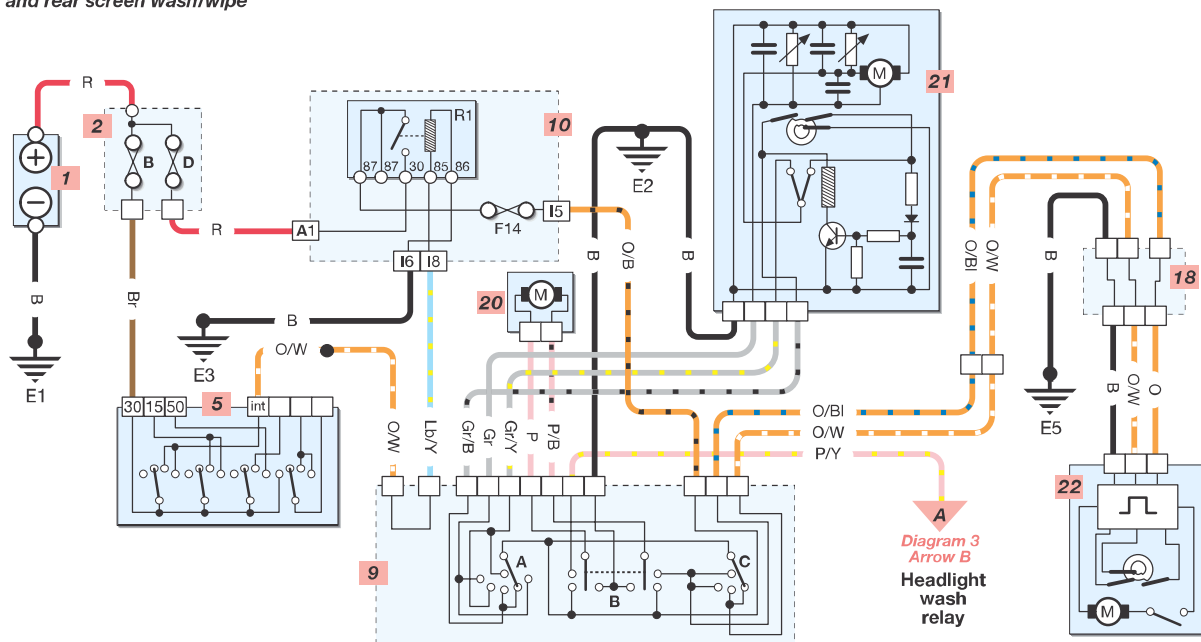
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Key to items

- | | | |
|---|--|--------------------------------------|
| 1 Battery | C rear screen wiper switch | 24 Headlight intermittent wash relay |
| 2 Power fuse box | D direction indicators/hazard lights relay | 25 Headlight washer pump |
| B 40A fuse for ignition system | 10 Junction unit | 26 Hazard warning lights switch |
| C 60A fuse for optional extras | R1 Ignition relay | |
| D 80A fuse for junction unit | 18 Contact board for rear connections | |
| 5 Ignition switch | 20 Front/rear washer pump | |
| 9 Steering column switch unit | 21 Windscreen wiper motor | |
| A windscreen wiper speed control | 22 Rear screen wiper motor | |
| B front/rear screen, headlamp washer switch | 23 Fuse for headlight washer (20A) | |

Diagram 3

Front and rear screen wash/wipe



Hazard warning lights

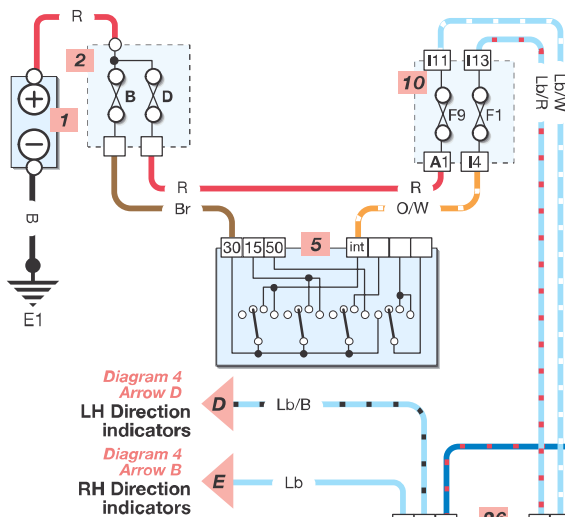


Diagram 4
Arrow D
LH Direction indicators
Diagram 4
Arrow B
RH Direction indicators

Headlight wash

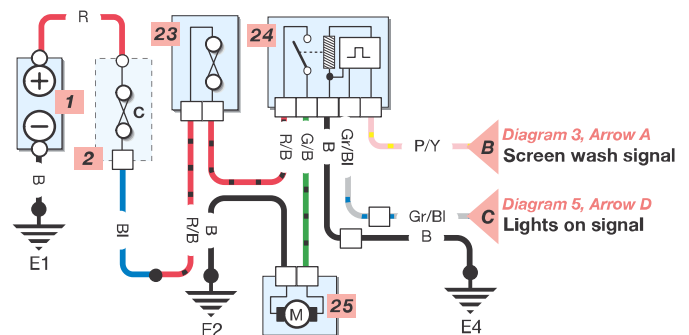


Diagram 3, Arrow A
B Screen wash signal
Diagram 5, Arrow D
C Lights on signal

Wire colours

W	White	O	Orange
R	Red	Lb	Light blue
Y	Yellow		
Br	Brown		
P	Pink		
Bl	Blue		
Gr	Grey		
G	Green		
B	Black		
V	Violet		

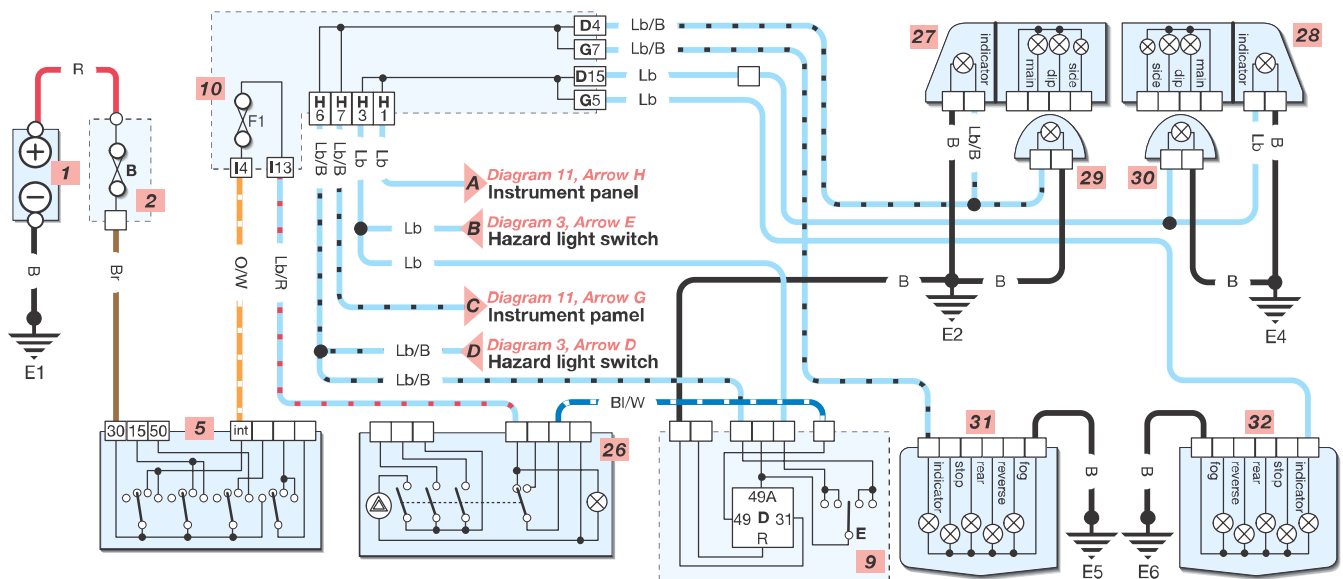
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Key to items

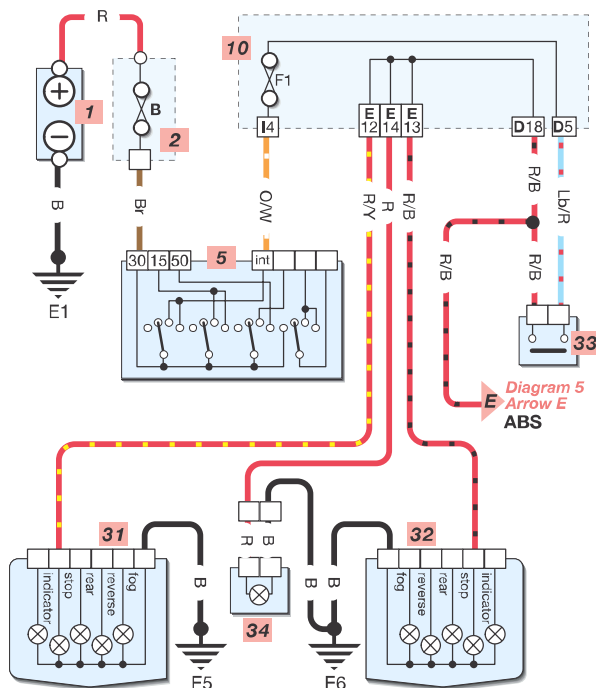
- | | | | |
|----|--|----|-------------------------|
| 1 | Battery | 27 | Front LH light cluster |
| 2 | Power fuse box | 28 | Front RH light cluster |
| B | 40A fuse for ignition system | 29 | Front LH side indicator |
| 5 | Ignition switch | 30 | Front RH side indicator |
| 9 | Steering column switch unit | 31 | Rear LH light cluster |
| D | direction indicators/
hazard lights relay | 32 | Rear RH light cluster |
| E | Direction indicator switch | 33 | Brake lights switch |
| 10 | Junction unit | 34 | Additional brake light |
| 26 | Hazard warning lights switch | 35 | Reversing light switch |

Diagram 4

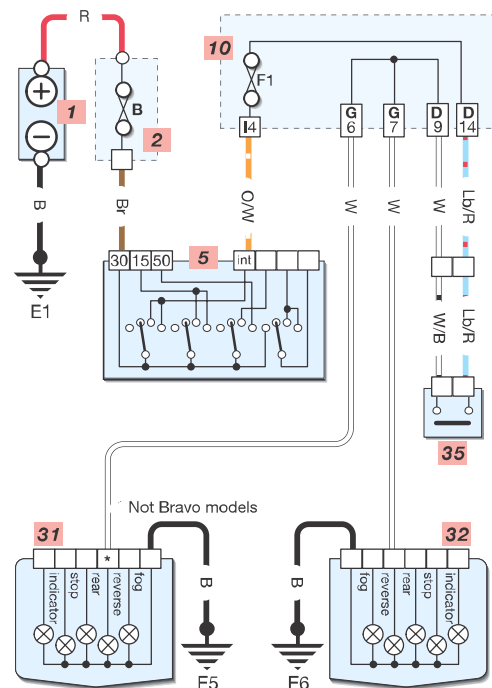
Direction indicators



Brake lights



Reversing lights



Wire colours

W	White	O	Orange
R	Red	Lb	Light blue
Y	Yellow		
Br	Brown		
P	Pink		
Bl	Blue		
Gr	Grey		
G	Green		
B	Black		
V	Violet		

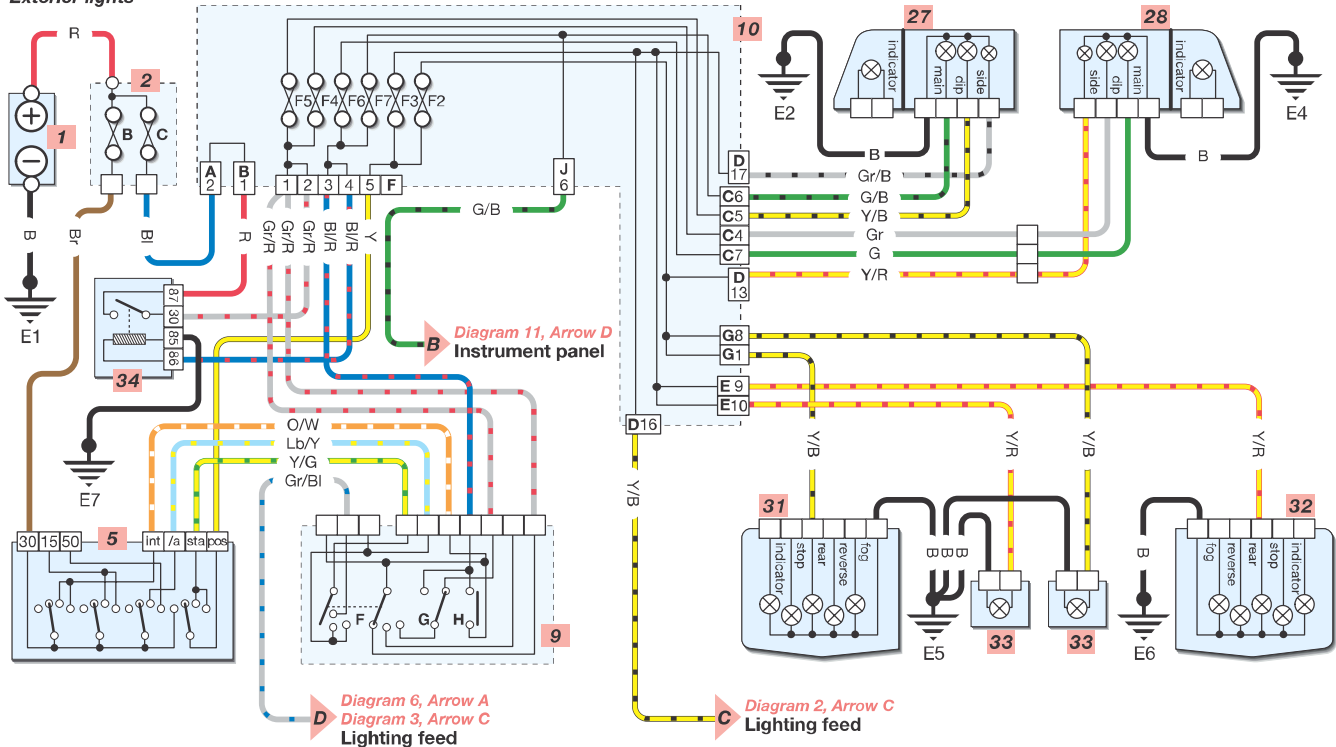
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Key to items

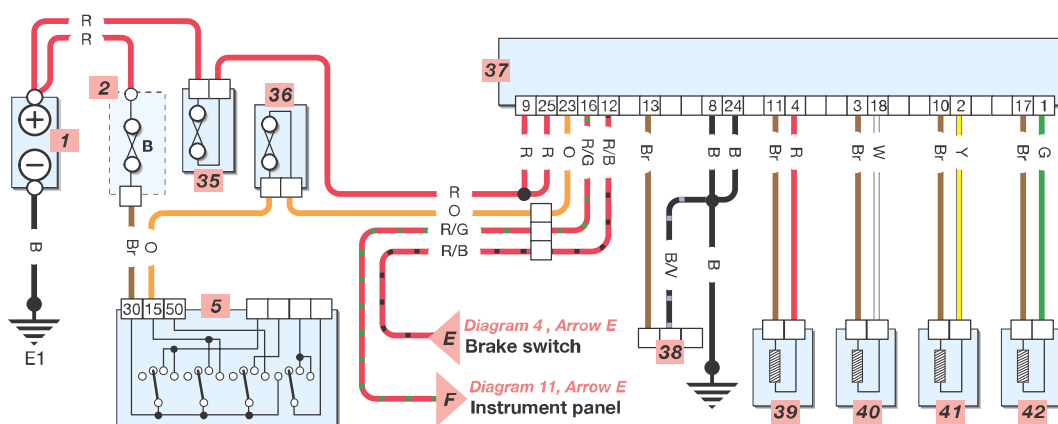
- | | |
|--------------------------------|--------------------------|
| 1 Battery | 31 Rear LH light cluster |
| 2 Power fuse box | 32 Rear RH light cluster |
| B 40A fuse for ignition system | 33 Number plate lights |
| C 60A fuse for optional extras | 34 Dipped beam relay |
| 5 Ignition switch | 35 Fuse (60A) |
| 9 Steering column switch unit | 36 ABS fuse (5A) |
| F Sidelights switch | 37 ABS control unit |
| G Headlight dip/main switch | 38 Diagnostic connection |
| H Headlight flash | 39 Front LH ABS sensor |
| 10 Junction unit | 40 Front RH ABS sensor |
| 27 Front LH light cluster | 41 Rear LH ABS sensor |
| 28 Front RH light cluster | 42 Rear RH ABS sensor |

Diagram 5

Exterior lights



Anti-lock braking system



S. Tansley
H31697

D fog lights switch
E fog lights warning light

This diagram illustrates a complex electrical system for a model railway. Key components include:

- Power Sources:** A battery labeled E1 at the top left and another ground connection labeled E3 at the bottom center.
- Control Units:** Two large rectangular units, likely decoders or controllers, labeled 5 and 10. Unit 5 has terminals for 30, 15, 50, int, and stopos. Unit 10 has terminals for A2, 4, and 2.
- Relays and Switches:** Several relay modules are shown, including one labeled 40 with terminals 87, 30, 85, and 86, and others labeled 42, 43, and 46.
- Motors:** Three motor symbols are present, labeled 44, 45, and 46.
- Wiring:** The system uses a color-coded wiring scheme: red, blue, orange, black, white, green, yellow, and purple. Wires connect various components, often passing through terminal blocks.
- Labels:** Various labels identify specific parts and connections, such as B, C, BI, O/W, R, B, R/B, R/G, B, W/Y, W/R, N/V, and E1/E3.

Wire colours

W	White	O	Orange
R	Red	Lb	Light blue
Y	Yellow		
Br	Brown		
P	Pink		
Bl	Blue		
Gr	Grey		
G	Green		
B	Black		
V	Violet		

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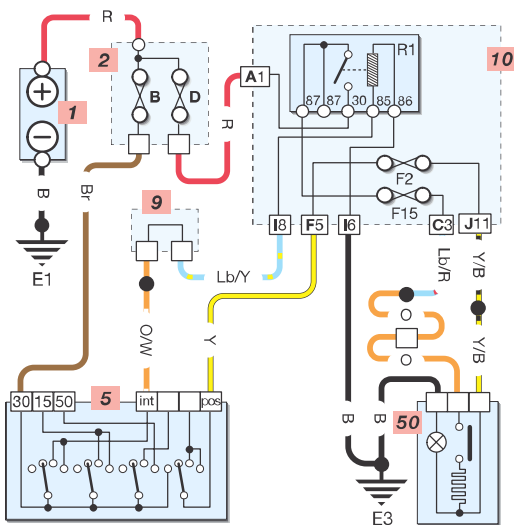
Key to items

- | | | | |
|---|------------------------------|----|----------------------------|
| 1 | Battery | 10 | Junction unit |
| 2 | Power fuse box | R1 | Ignition relay |
| B | 40A fuse for ignition system | 34 | Dip beam relay |
| D | 80A fuse for junction unit | 50 | Cigarette lighter |
| 5 | Ignition switch | 51 | High level radio |
| 9 | Steering column switch unit | 52 | Front LH speaker (Tweeter) |
| F | Sidelights switch | 53 | Front RH speaker (Tweeter) |
| G | Headlight dip/main switch | 54 | LH door speaker |
| H | Headlight flash | 55 | RH door speaker |
| | | 56 | Rear LH speaker |

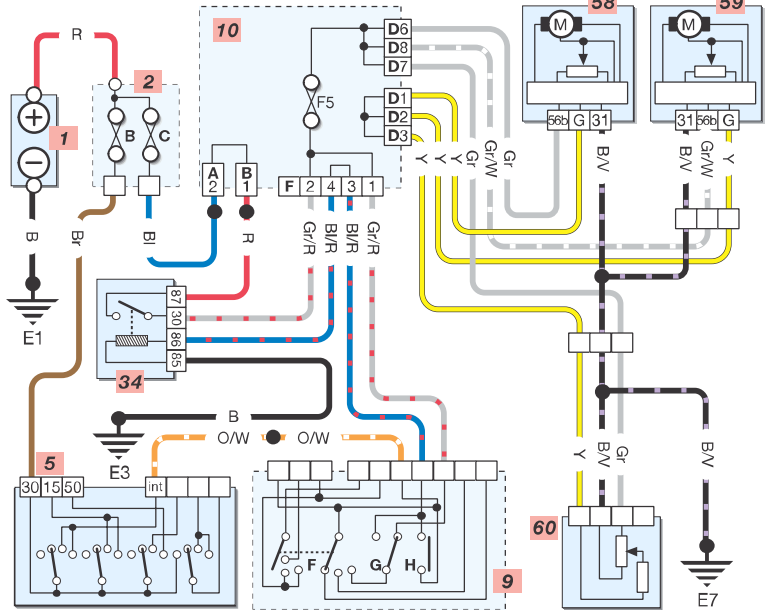
Diagram 7

- | | |
|----|----------------------------------|
| 57 | Rear RH speaker |
| 58 | LH headlight correction unit |
| 59 | RH headlight correction unit |
| 60 | Headlight alignment control unit |

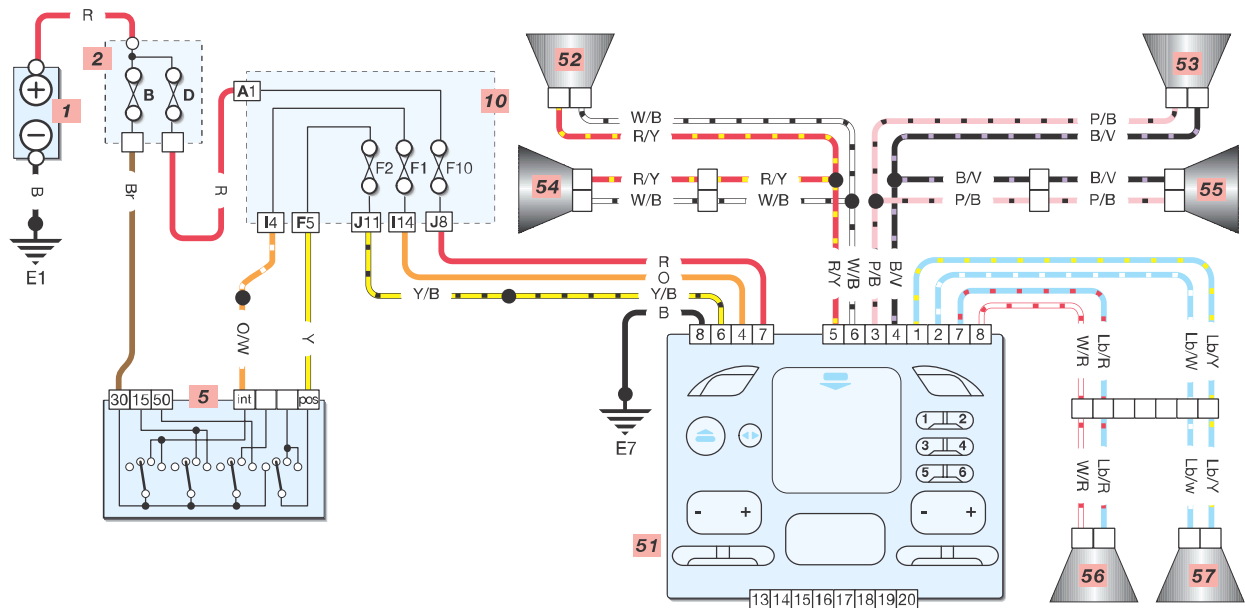
Cigarette lighter



Headlight alignment correction



High level Radio



Wire colours

W	White	O	Orange
R	Red	Lb	Light blue
Y	Yellow		
Br	Brown		
P	Pink		
Bl	Blue		
Gr	Grey		
G	Green		
B	Black		
V	Violet		

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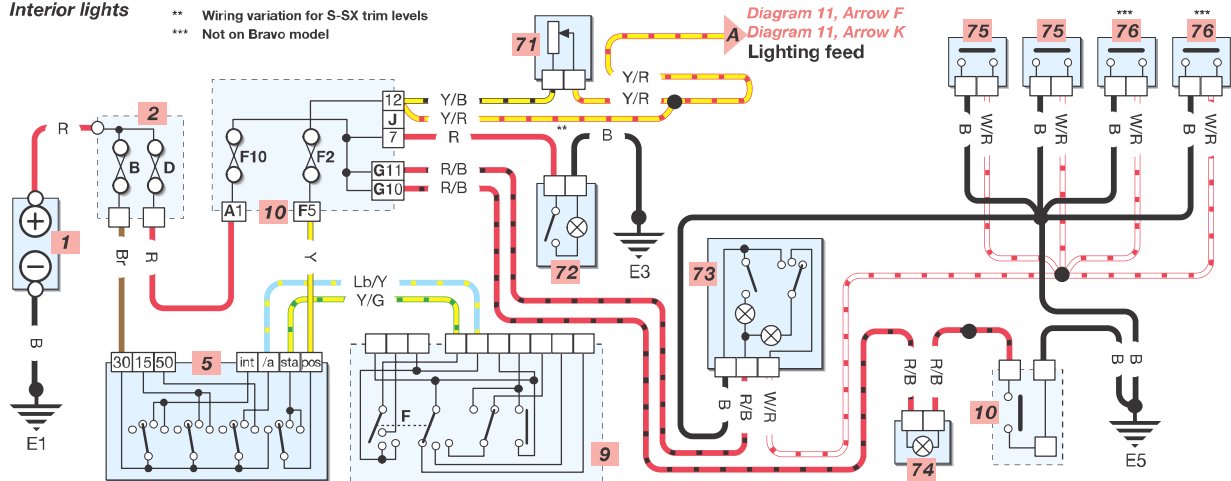
Key to items

- 1 Battery
- 2 Power fuse box
- B 40A fuse for ignition system
- C 60A fuse for optional extras
- D 80A fuse for junction unit
- 5 Ignition switch
- 9 Steering column switch unit
- F Sidelights switch
- 10 Junction unit
- R1 Ignition relay
- 18 Contact board for rear connections
- 61 Adjustable mirrors fuse 7.5A
- 62 Adjustable mirrors control panel
- 63 LH rear view mirror
- 64 RH rear view mirror
- 65 Sun roof control unit
- 66 Power relay
- 67 Fuse for sun roof 20A
- 68 Sun roof motor
- 69 Sun roof end of travel switch

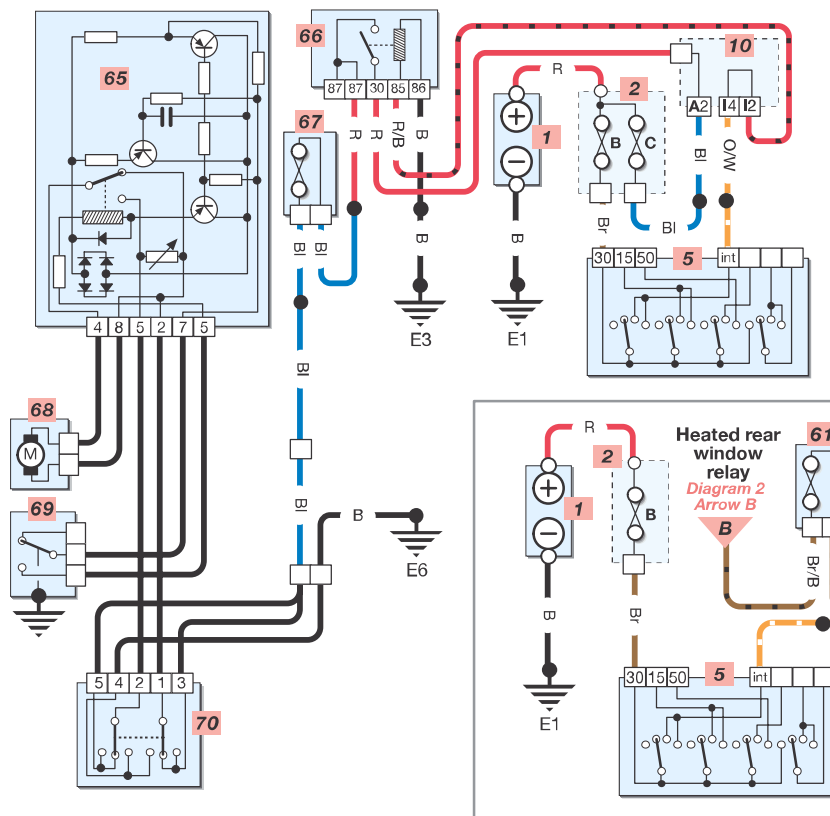
Diagram 8

Interior lights

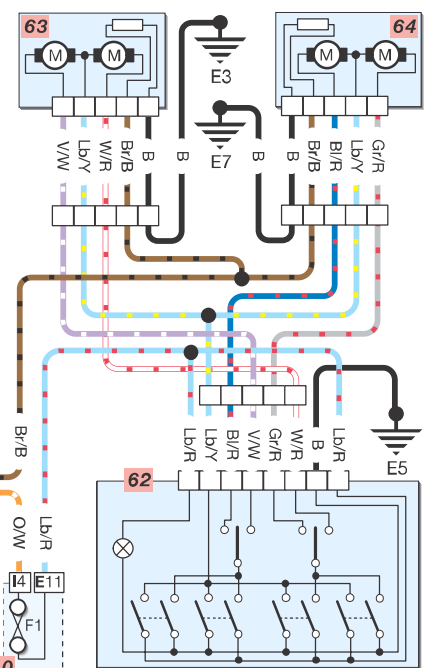
- ** Wiring variation for S-SX trim levels
*** Not on Bravo model



Electrically operated sun roof



Heated/adjustable rear view mirrors



Wire colours

W	White	O	Orange
R	Red	Lb	Light blue
Y	Yellow		
Br	Brown		
P	Pink		
Bl	Blue		
Gr	Grey		
G	Green		
B	Black		
V	Violet		

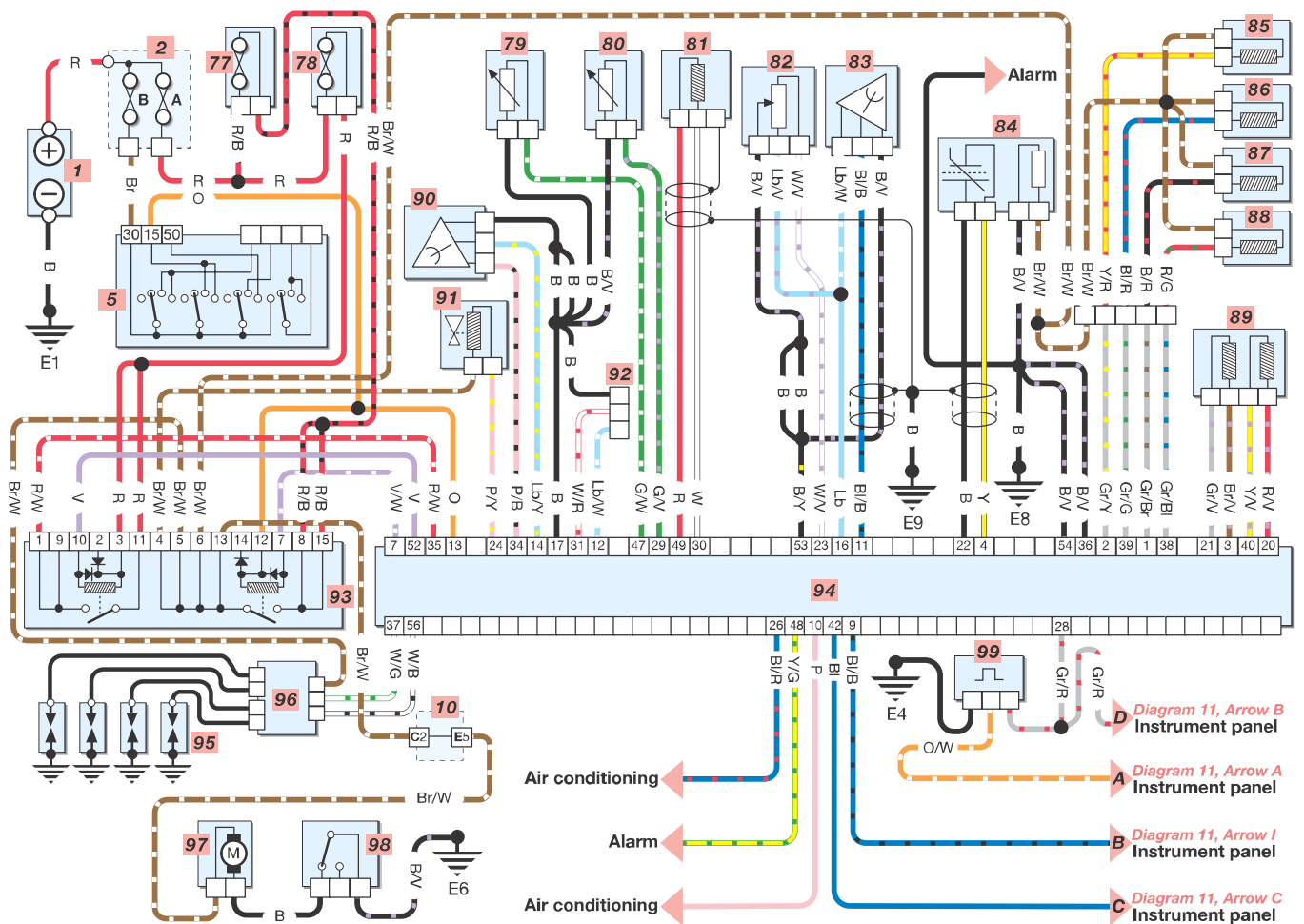
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Key to items

1	Battery	80	Air temp. sensor	90	Absolute pressure sensor
2	Power fuse box	81	RPM and TDC sensor	91	Petrol vapour cut out valve
A	30A fuse for injection system	82	Potentiometer on butterfly valve	92	Diagnostic sensor
B	40A fuse for ignition system	83	Timing sensor	93	Multiple relay
5	Ignition switch	84	Heated lambda sensor	94	Injection/ignition control unit
10	Junction unit	85	Injector 1	95	Spark plugs
77	Injection system fuse 25A	86	Injector 2	96	Ignition coils
78	Injection/ignition control unit fuse 5A	87	Injector 3	97	Fuel pump
79	Water temp. sensor	88	Injector 4	98	Inertia switch
		89	Idle adjustment actuator	99	Vehicle speed sensor

Diagram 9

Weber IAW MPI ignition and fuel injection system - 1600 16V models



Wire colours

W	White	O	Orange
R	Red	Lb	Light blue
Y	Yellow		
Br	Brown		
P	Pink		
Bl	Blue		
Gr	Grey		
G	Green		
B	Black		
V	Violet		

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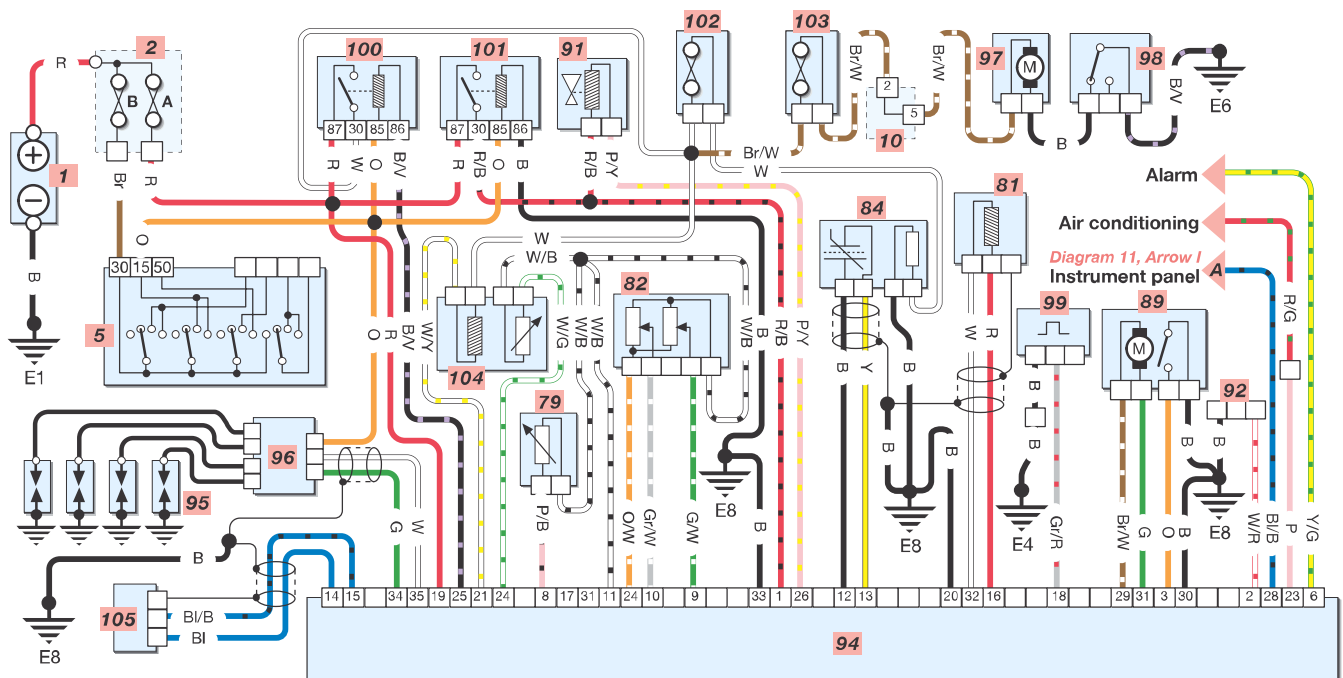
Key to items

1	Battery	89	Idle adjustment actuator
2	Power fuse box	91	Petrol vapour cut out valve
A	30A fuse for injection system	92	Diagnostic sensor
B	40A fuse for ignition system	94	Injection/ignition control unit
5	Ignition switch	95	Spark plugs
10	Junction unit	96	Ignition coils
79	Water temp. sensor	97	Fuel pump
81	RPM and TDC sensor	98	Inertia switch
82	Potentiometer on butterfly valve	99	Vehicle speed sensor
84	Heated lambda sensor	100	Fuel pump relay

101	Injection relay
102	Injection system fuse 10A
103	Fuel pump/ lambda sensor fuse 10A
104	Injector and air temp sensor
105	Detonation sensor

Diagram 10

Bosch Mono Motronic ignition and fuel injection system - 1370cc models



Wire colours

W	White	O	Orange
R	Red	Lb	Light blue
Y	Yellow		
Br	Brown		
P	Pink		
Bl	Blue		
Gr	Grey		
G	Green		
B	Black		
V	Violet		

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H31702

Key to items

1	Battery
2	Power fuse box
B	40A fuse for ignition system
D	80A fuse for junction unit
5	Ignition switch
10	Junction unit
110	Brake fluid level switch
111	Brake pad wear sensor
112	Oil pressure switch
113	Water temperature sensor
114	Handbrake switch

115	Fuel level sensor
116	Instrument panel
a	Battery charging warning lamp
b	Injection system failure lamp
c	Front brake pad wear lamp
d	Low oil pressure warning
e	ABS warning lamp
f	Water temperature gauge
g	Tachometer
h	Panel lighting
i	Panel lighting

j	Handbrake/low brake fluid lamp
k	Main beam warning
l	Side lights warning
m	Fuel gauge
n	Fuel reserve control module
o	LH indicator
p	RH indicator
q	Fuel reserve warning
r	Speedometer control module
s	Speedometer
t	Trip meter with reset

Diagram 11

Instrument panel

