

KEY TO ITEMS

- 1 REVERSING LIGHT LEFT
- 2 REVERSING LIGHT RIGHT
- 3 BATTERY
- 4 ALTERNATOR
- 5 TWO-TONE HORN
- 6 DIRECTION INDICATOR RIGHT FRONT
- 7 DIRECTION INDICATOR RIGHT REAR
- 8 DIRECTION INDICATOR LEFT REAR
- 9 DIRECTION INDICATOR LEFT FRONT
- 10 HORN RELAY
- 12 RELAY FOR HEATER BLOWER/HEATED REAR WINDOW
- 13 HAZARD WARNING LIGHT RELAY
- 14 STARTER MOTOR
- 15 IGNITION SWITCH
- 16 HORN SWITCH
- 17 HAZARD WARNING LIGHT SWITCH
- 18 DIRECTION INDICATOR SWITCH
- 19 REVERSING LIGHT SWITCH
- W1 POWER RAIL IN POWER DISTRIBUTOR

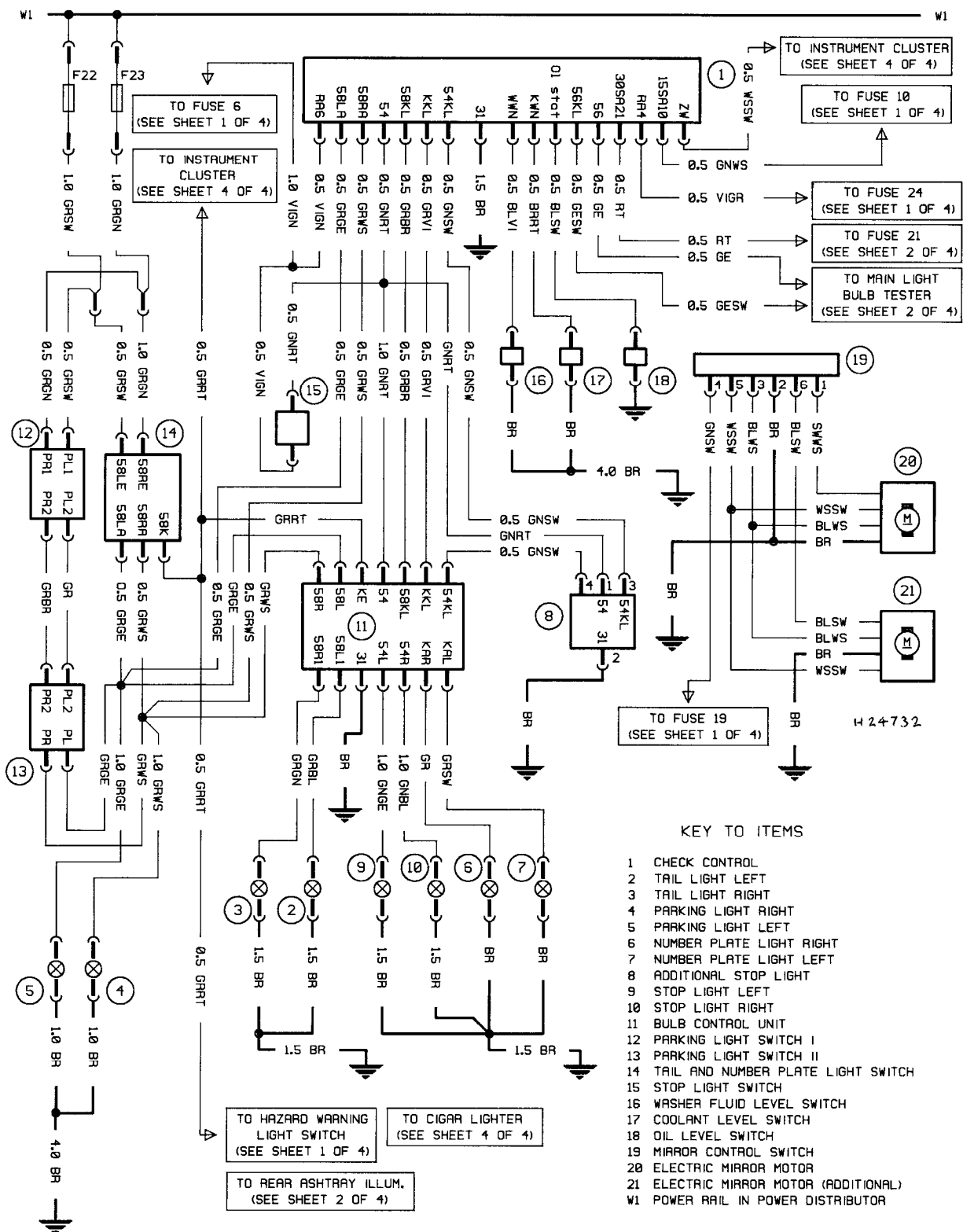
H14-73Q

Typical starting, charging, horn, hazard flasher and direction indicators (1 of 4)

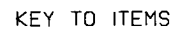
Typical starting, charging, horn, hazard flasher and direction indicators (1 of 4)



12•12 Wiring diagrams



Typical check control, electric mirrors, stop and parking light (3 of 4)



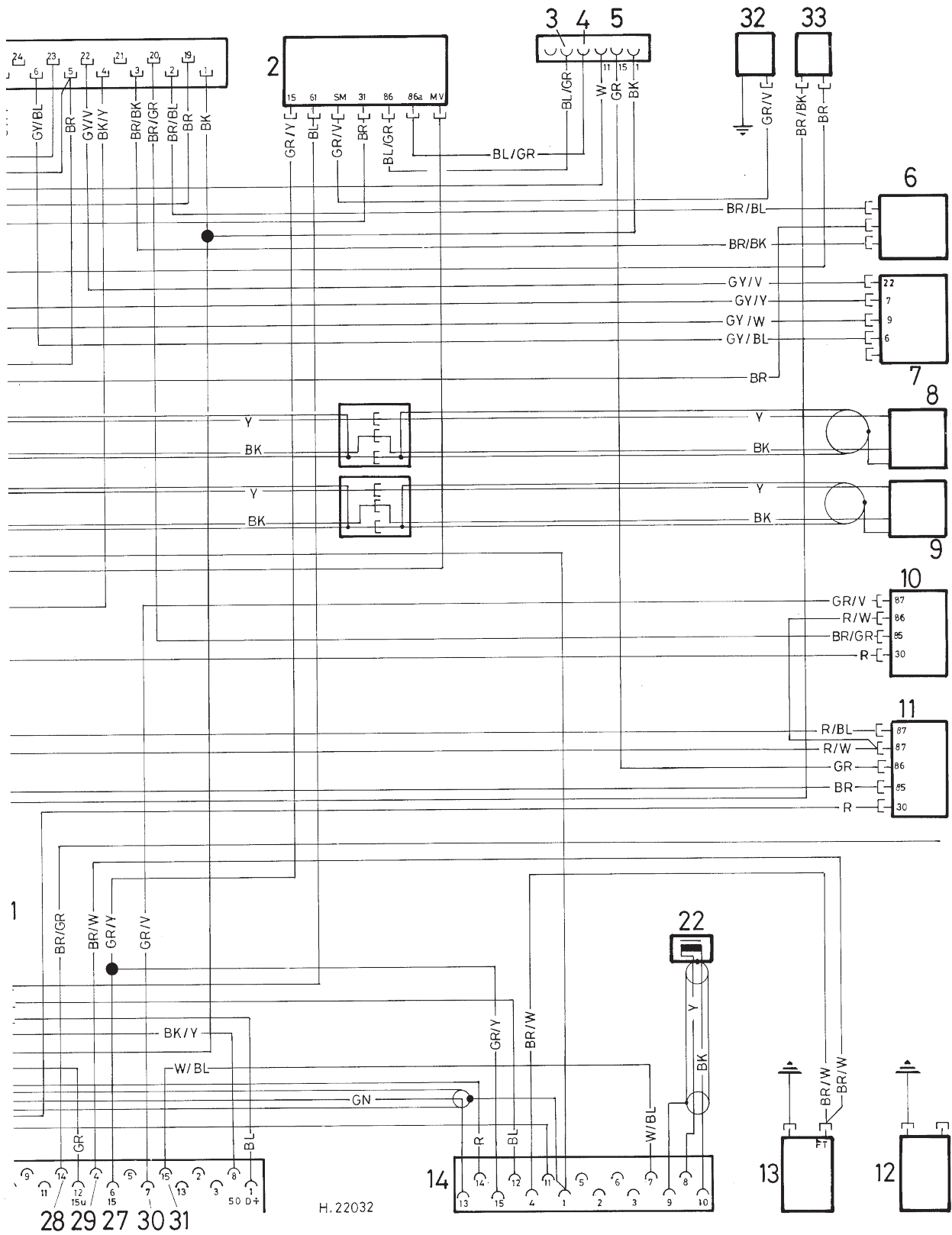
- 1 INSTRUMENT CLUSTER
- 2 HANDBRAKE WARNING SWITCH
- 3 BRAKE FLUID LEVEL SWITCH
- 4 OIL PRESSURE SWITCH
- 5 COOLANT TEMPERATURE SENDER
- 6 BRAKE PAD WEAR SENSOR REAR RIGHT
- 7 BRAKE PAD WEAR SENSOR FRONT LEFT
- 8 FUEL LEVEL SENDER I
- 9 FUEL LEVEL SENDER II
- 10 SPEEDOMETER SENDER
- 11 CIGAR LIGHTER
- 12 HEATER CONTROL LIGHT
- W1 POWER RAIL IN POWER DISTRIBUTOR

a	HANDBRAKE WARNING LIGHT	k	ECONOMY CONTROL
b	BRAKE FLUID WARNING LIGHT	l	DIRECTION INDICATOR LEFT
c	OIL PRESSURE WARNING LIGHT	m	DIRECTION INDICATOR RIGHT
d	CENTRAL WARNING LIGHT	n	SPEEDOMETER
e	SERVICE INDICATOR	o	HIGH BEAM WARNING LIGHT
f	PAD WEAR WARNING LIGHT	p	FRONT FOG WARNING LIGHT
g	COOLANT TEMP. GAUGE	q	REAR FOG WARNING LIGHT
h	LOW FUEL WARNING LIGHT	r	NO CHARGE WARNING LIGHT
i	FUEL GAUGE	s	INSTRUMENT ILLUMINATION
j	TACHOMETER		

Typical instrument cluster and cigar lighter (4 of 4)

H. 22032

Typical Motronic system wiring diagram (1 of 2)



H. 22032

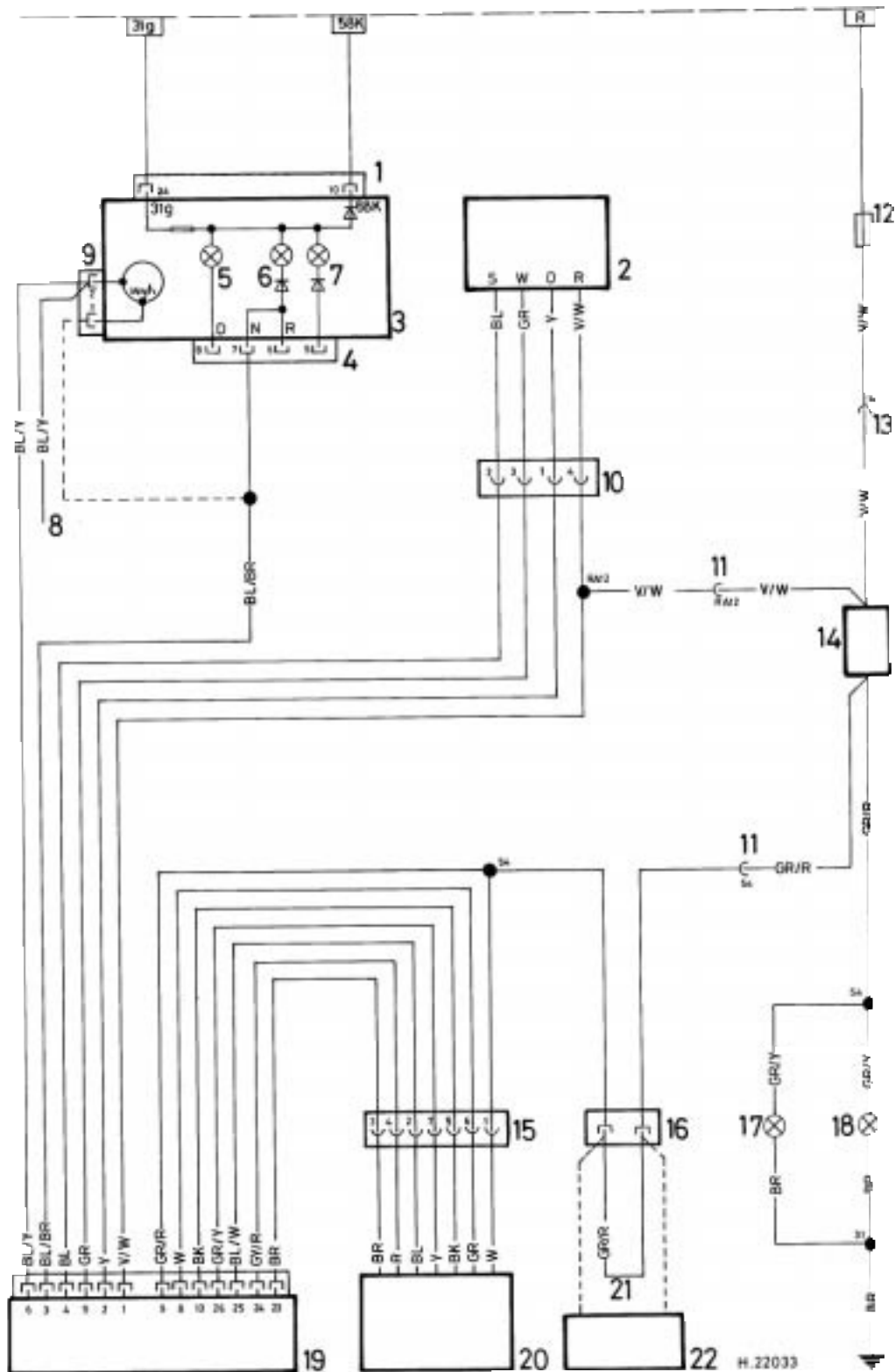
Typical Motronic system wiring diagram (2 of 2)

Key to Motronic engine control system wiring diagram

No	Description	No	Description
1	Electronic Control Unit (ECU)	18	Distributor
2	Speed control relay	19	Ignition coil
3	Temperature switch	20	Starter
4	Air conditioner	21	Alternator
5	Car wire harness connection	22	Position transmitter
6	Throttle switch	23	Plug disconnected for automatic transmission
7	Airflow sensor	24	Coolant temperature sensor
8	Speed sensor	25	Fuel injector
9	Reference mark sensor	26	Solenoid
10	Relay 1	27	Electric power distributor
11	Relay 2	28	Oil pressure
12	Oil pressure switch	29	Temperature gauge
13	Temperature transmitter	30	Electric fuel pump
14	Diagnosis connection	31	Service indicator
15	Engine plug	32	Drive motor
16	Battery	33	Temperature switch
17	Spark plugs		

Key to cruise control system wiring diagram

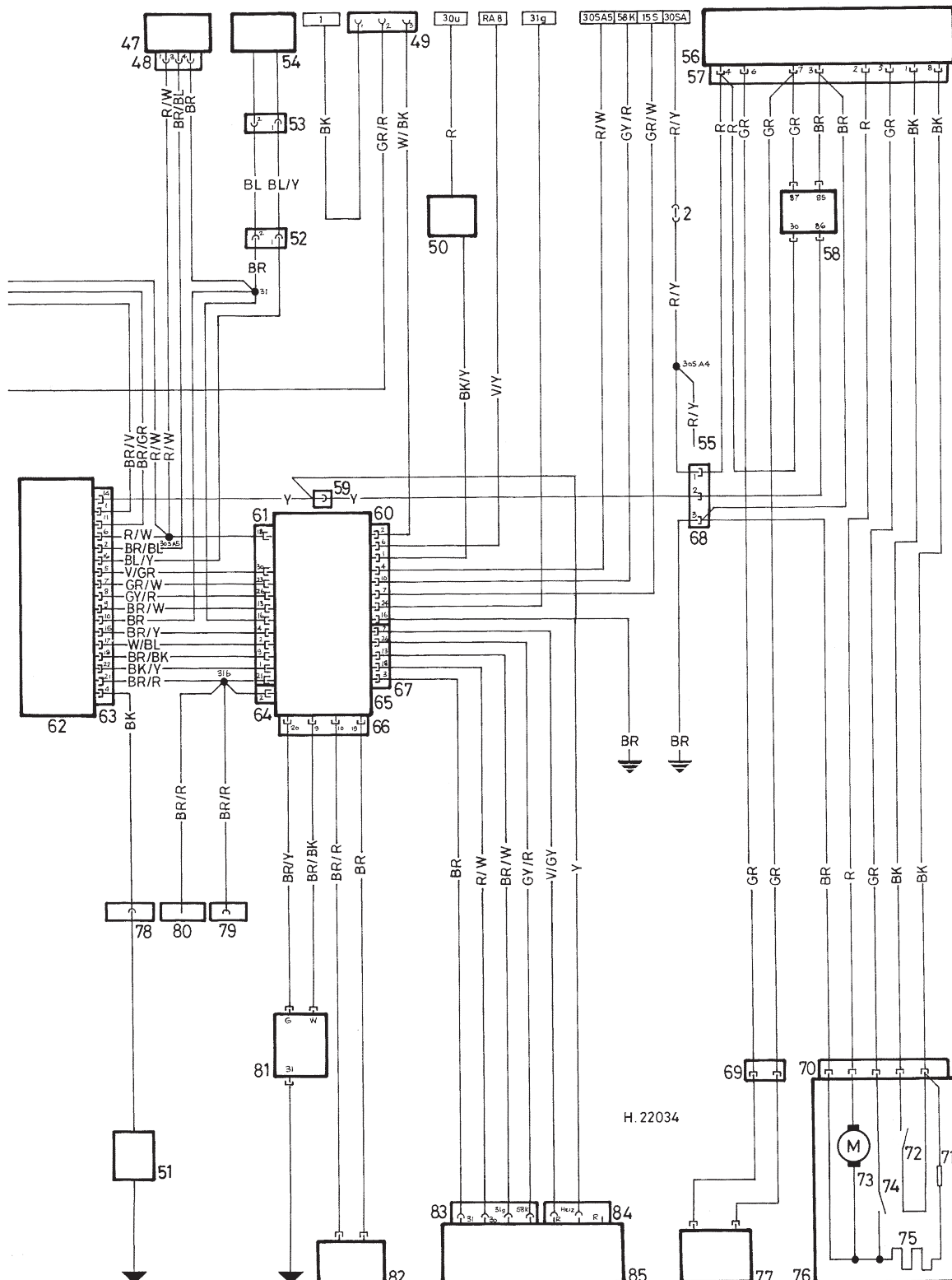
No	Description
1	Plug connection – centre section to instrument cluster (26-pin)
2	Steering column switch
3	Instrument cluster
4	Plug connection – range indicator
5	Range indicator D
6	Range indicator N
7	Range indicator R
8	Plug connection – speedometer outlet
9	Connection – instrument cluster (2-pin)
10	Plug connection – steering column switch
11	Plug connection – special equipment
12	Steering column switch
13	Plug connection – rear section to centre section (29-pin)
14	Stoplight switch
15	Plug connection – drive motor
16	Connection – clutch switch to bridge
17	Stoplight left
18	Stoplight right
19	Electronic control – cruise control
20	Drive motor – cruise control
21	Bridge (only for automatic transmission)
22	Clutch switch



Typical cruise control system wiring diagram

[illegible]

Typical wiring diagram for the central locking, burglar alarm, on-board computer, additional heater and digital clock (1 of 2)

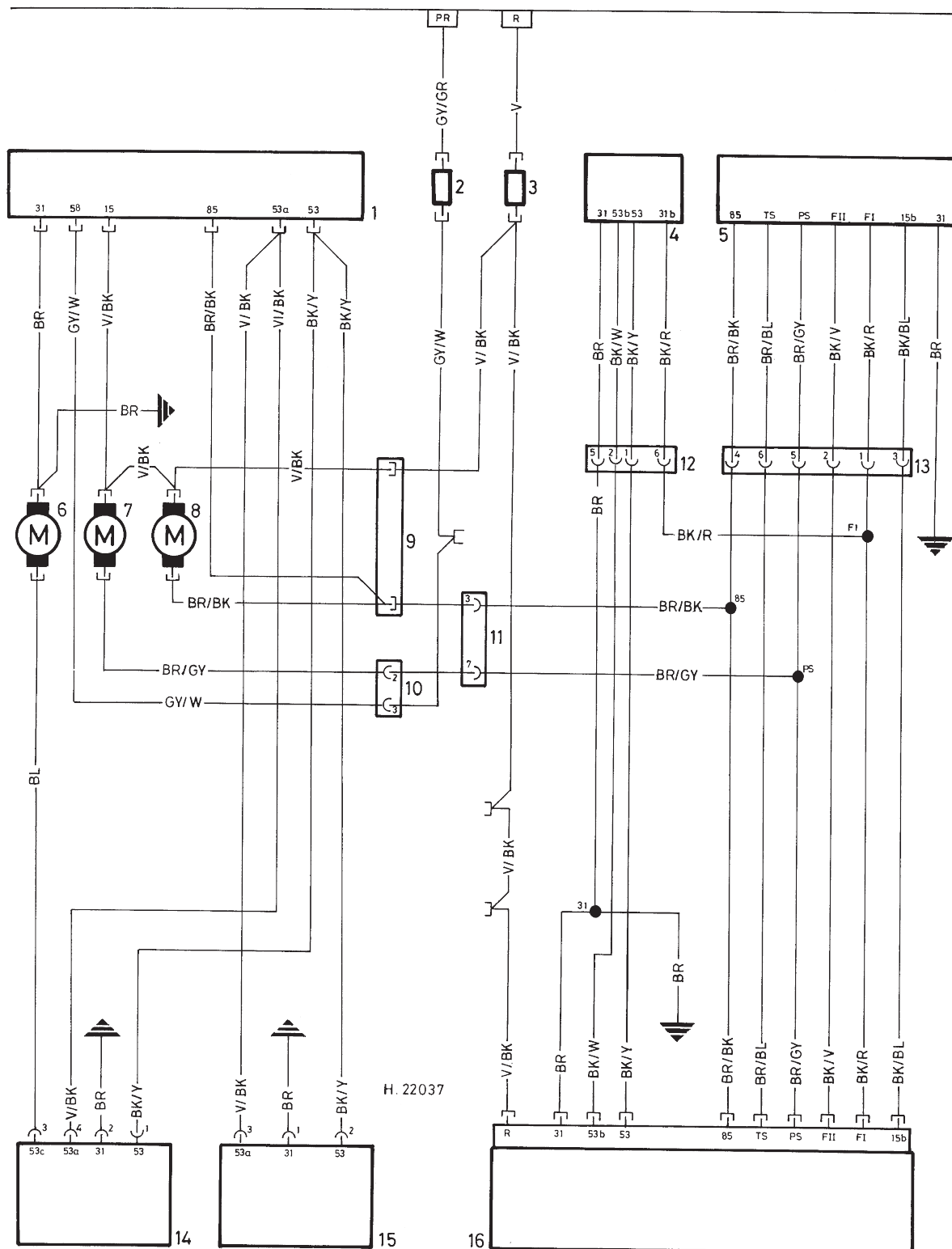


Typical wiring diagram for the central locking, burglar alarm, on-board computer, additional heater and digital clock (2 of 2)

12•20 Wiring diagrams

Key to wiring diagram for the central locking, burglar alarm, on-board computer, additional heater and digital clock

No	Description	No	Description
1	Plug – rear section to centre section	45	Diode
2	Connection for special equipment plug	46	Plug – burglar alarm wire to central lock connecting wire
3	Connection for central lock control unit	47	Chime (left of steering column)
4	Central lock electronic control unit (A pillar end plate)	48	Connection for chime
5	Plug – driver's door wire to rear section	49	Plug – centre section to LE-Jetronic wire harness
6	Plug – central lock connecting wire to driver's door wire (13-pin)	50	Ignition switch
7	Plug – central lock connecting wire to passenger's door wire	51	Remote control switch for on-board computer
8	Plug – driver's door central lock wire to switch	52	Plug – on-board computer to outside temperature sensor wire
9	Central lock switch/unblocking arrest (driver's door, on lock)	53	Plug – outside temperature sensor wire to outside temperature sensor
10	Connection for central lock motor to driver's door (6-pin)	54	Outside temperature sensor (lower front panel)
11	Central lock motor – driver's door	55	Plug – extra heater wire to automatic aerial
12	Plug – passenger's door wire to microswitch	56	Parked car heating electronic control unit (on parked car heater underneath right seat)
13	Microswitch (passenger's door, on lock)	57	Connection for electronic control unit
14	Central lock motor – passenger's door	58	Relay for parked car heater (on heater)
15	Central lock motor – passenger's door	59	Plug – on-board computer wire to extra heater wire
16	Connection for central lock motor to boot lid (6-pin)	60	Plug – centre section to instrument cluster
17	Central lock motor – boot lid	61	Connection for instrument cluster
18	Connection for central lock motor to fuel filler flap (6-pin)	62	On-board computer electronic control unit (right of instrument cluster)
19	Central lock motor – fuel filler flap	63	Connection for on-board computer
20	Connection for central lock motor to left rear door (6-pin)	64	Connection for instrument cluster II
21	Central lock motor – left rear door	65	Instrument cluster
22	Connection for central lock motor to right door (6-pin)	66	Plug – rear section to instrument cluster
23	Plug – central lock connecting wire to right rear door (7-pin)	67	Plug – digital clock wire to instrument cluster
24	Plug – central lock connecting wire to left rear door (7-pin)	68	Plug – extra wire to heater wire
25	Central lock motor – right rear door	69	Plug – heater wire to fuel pump wire
26	Rear window heater switch	70	Connection for heater
27	Burglar alarm electronic control unit (left of steering column)	71	Ballast resistor in heater
28	Connection for burglar alarm electronic control unit I (26-pin)	72	Thermoswitch (parked car heater)
29	Connection for relay box (4-pin)	73	Heater motor
30	Connection for burglar alarm electronic control unit II (4-pin)	74	Overheating switch (parked car heater)
31	Plug 150 (in main wire harness)	75	Heater plug for parked car heater
32	Light diode for burglar alarm	76	Heater
33	Plug for boot light	77	Fuel pump
34	Boot light	78	Plug – on-board computer to remote control
35	Door contact switch front left	79	Plug – speed dependent loudness control
36	Door contact switch front right	80	Plug – wire for cruise control
37	Door contact switch rear left	81	Fuel level transmitter
38	Door contact switch rear right	82	Speed transmitter
39	Boot lid contact	83	Plug – digital clock wire to digital clock (4-pin)
40	Bonnet contact	84	Plug – digital clock wire to digital clock (2-pin)
41	Rear window heater	85	Digital clock
42	Plug – centre section to wire for on-board computer/burglar alarm		
43	Horn		
44	Plug for light diode		



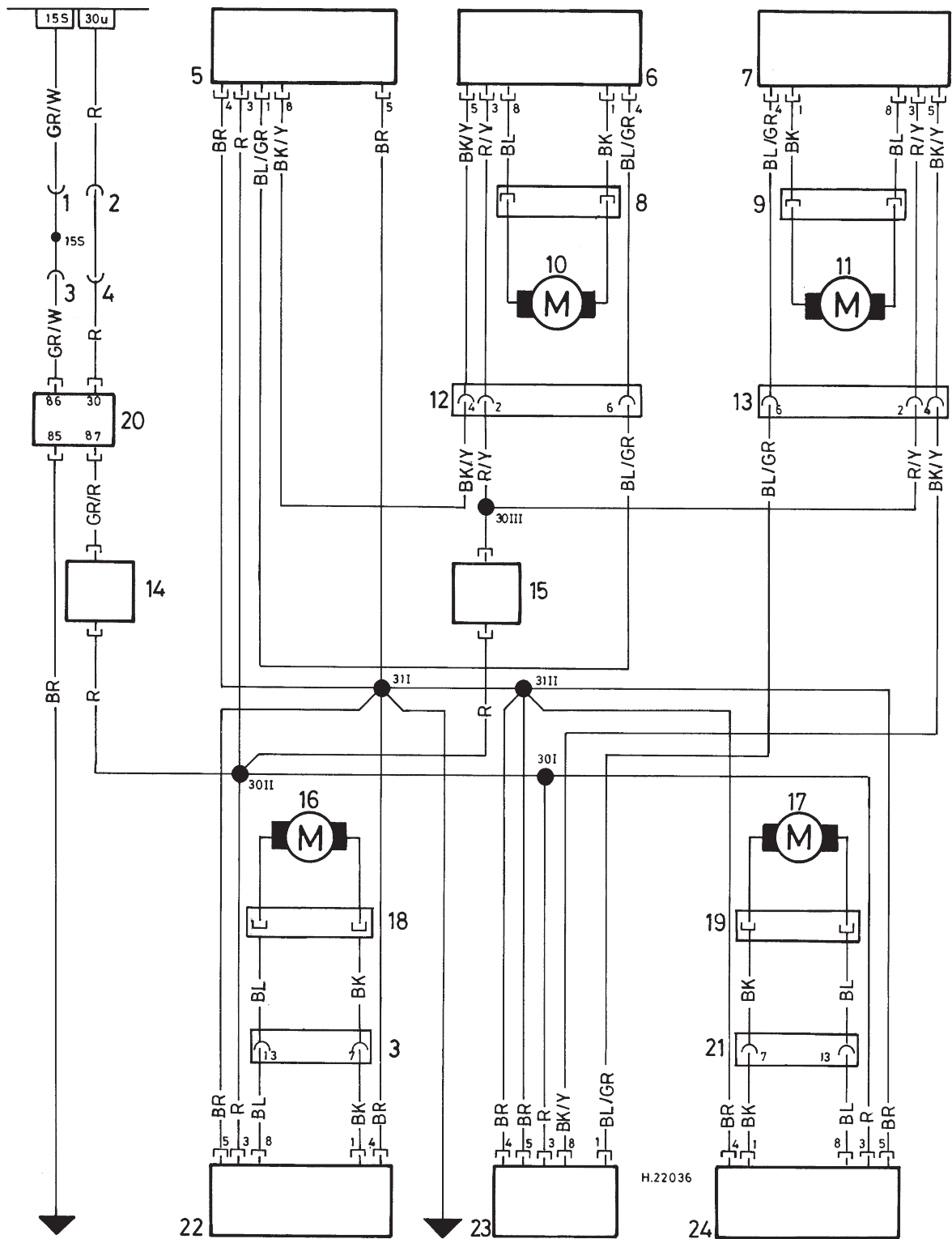
Typical headlight washer system wiring diagram

Key to headlight washer system wiring diagram

No	Description
1	Control unit for headlight cleaners (on fluid reservoir)
2	Fuse – overnight, tail and parking lights
3	Fuse – horns, wash/wipe control unit and headlight cleaners
4	Motor – windscreen wipers
5	Wiper switch
6	Pump – headlight cleaning system
7	Pump – intensive cleaning fluid
8	Pump – windscreen washing system
9	Plug – headlight cleaner wire to front section I (washer fluid pump)
10	Plug – Headlight cleaner wire to front section II (plug for headlight cleaners)
11	Plug – centre section to front section (7-pin)
12	Plug for wiper motor
13	Plug – centre section to wiper switch
14	Motor – windscreen wipers
15	Motor – left headlight wiper
16	Wash/wipe interval control unit

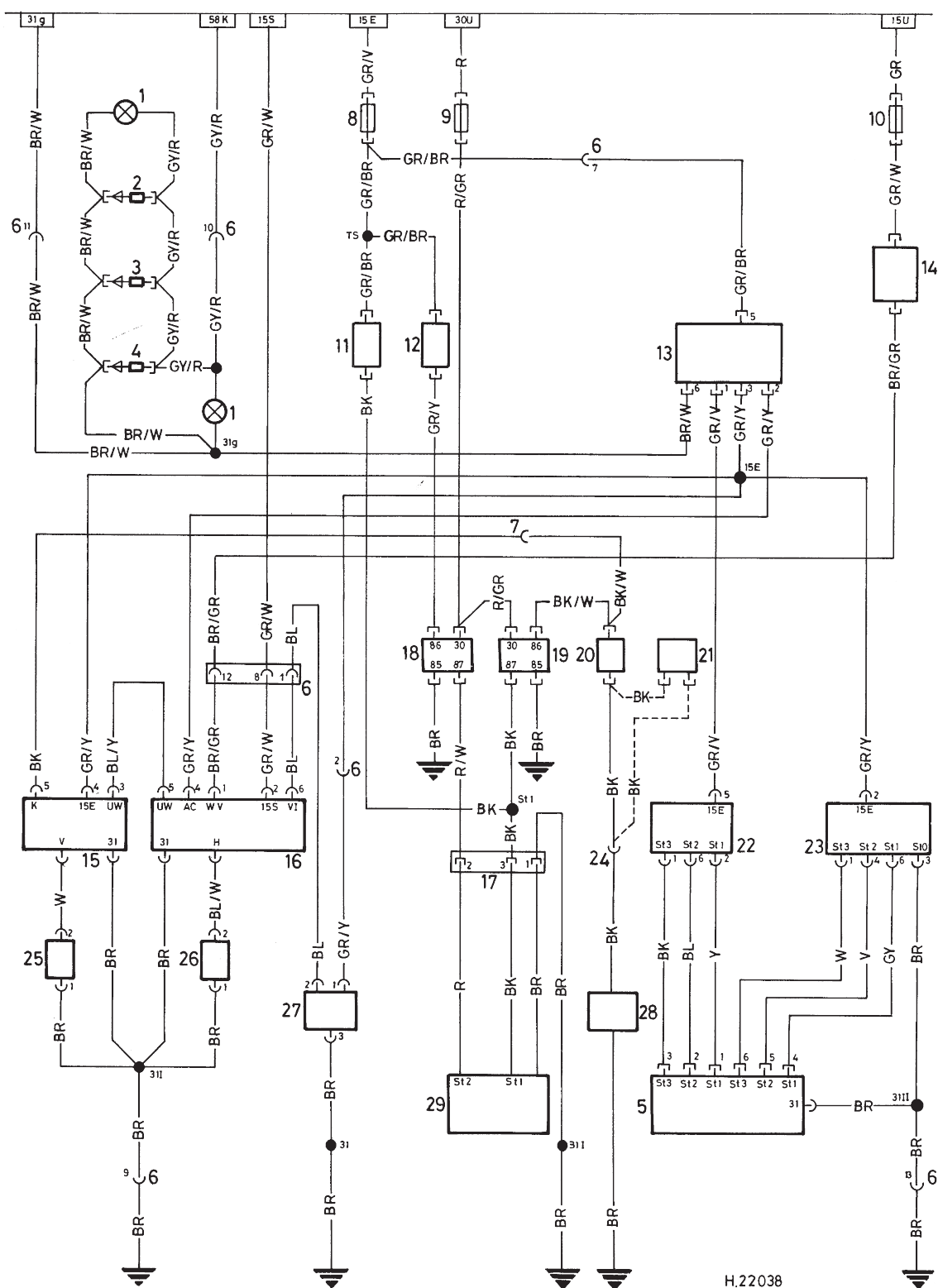
Key to electric window system wiring diagram

No	Description
1	Plug for rear section to driver's door (6-pin)
2	Plug for rear section to center section (27-pin)
3	Plug for window control and central lock wire to driver's door (13-pin)
4	Plug for window control and central lock wire to special equipment plug
5	Window switch rear left
6	Window switch rear left
7	Window switch rear right
8	Plug for left rear door wire to window motor rear left
9	Plug for right door wire to window motor rear right
10	Window motor rear left
11	Window motor rear right
12	Plug for window control and central lock wire to left rear door
13	Plug for window control and central lock wire to right rear door (7-pin)
14	Power safety switch
15	Child safety switch
16	Window motor front left
17	Window motor front right
18	Plug for driver's door wire to window motor front left
19	Plug for passenger's door wire to window motor of passenger's door
20	Relay
21	Plug for window control and central lock wire to passenger's door (13-pin)
22	Window switch front left
23	Window switch rear right
24	Window switch front right



Typical electric window system wiring diagram

12•24 Wiring diagrams



Typical heating and air conditioning system wiring diagram

Key to air conditioning system wiring diagram

No	Description
1	Light for heater controls
2	Light diode III
3	Light diode II
4	Light diode I
5	Switch – heater/evaporator blower
6	Plug – heater control wire harness to centre wire harness (13-pin)
7	Plug – front wire harness section to heater controls
8	Fuse – heater blower
9	Fuse – extra fan stage II
10	Fuse – ind. lamp, reversing lights, tachometer and mirrors (power distributor)
11	Temperature switch 91°C – stage I
12	Temperature switch 99°C – stage II
13	Switch – air conditioner
14	Water valve
15	Evaporator temperature regulator
16	Air conditioner control unit (heater controls)
17	Plug – extra fan motor (on extra fan motor)
18	Relay – extra fan stage II (on power distributor)
19	Relay – extra fan stage I (on power distributor)
20	Switch – high pressure pressostat (drier)
21	Switch – temperature 110°C (only for 524 td)
22	Motor – heater blower
23	Motor – evaporator blower
24	Plug – high pressure pressostat to electromagnetic coupling
25	Evaporator temperature sensor (in evaporator)
26	Heater temperature sensor (in heater)
27	Inside temperature sensor (lower trim panel left)
28	Electromagnetic coupling for compressor
29	Motor – extra fan

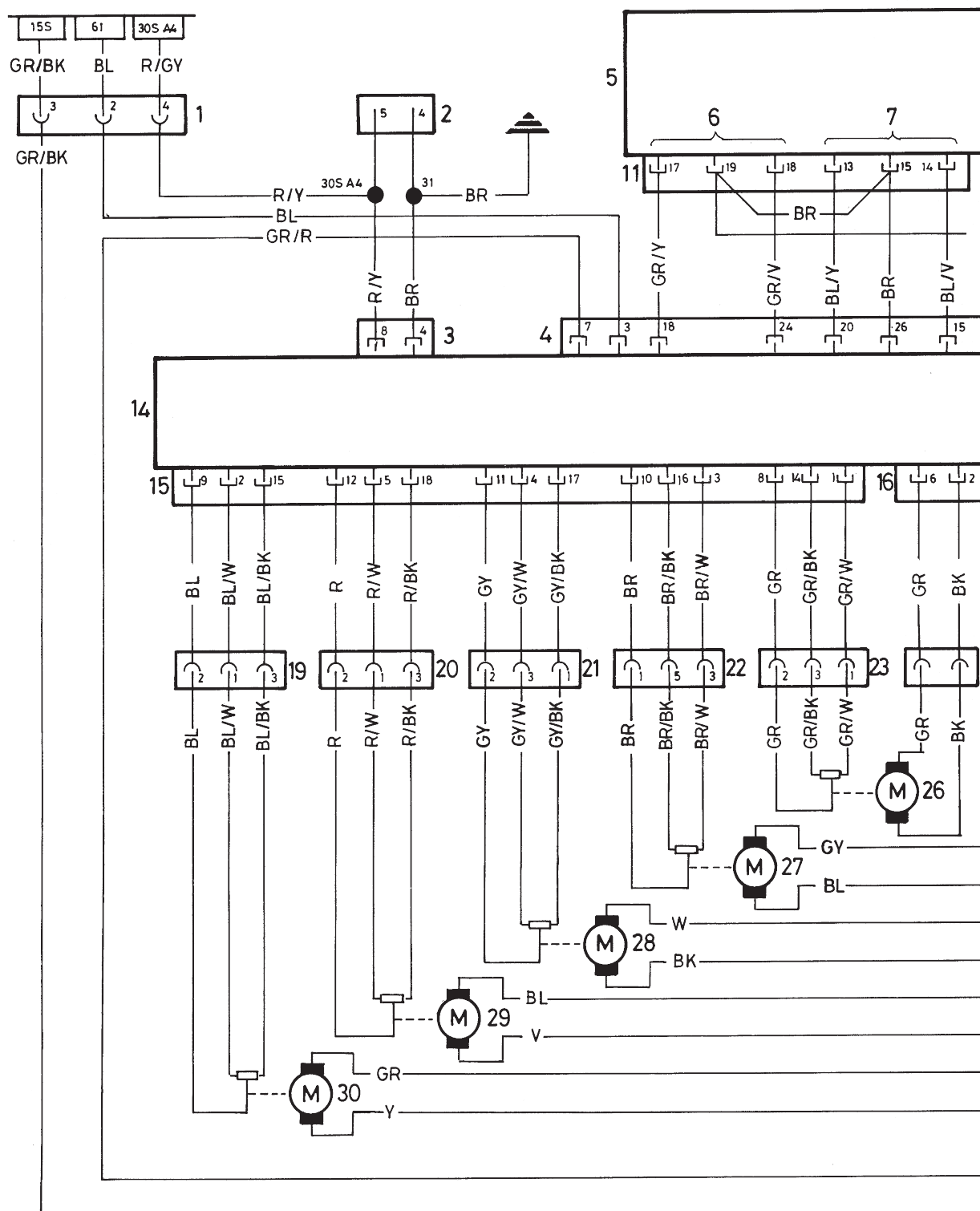
Key to wiring diagram for heated seats

No	Description
1	Heating – passenger's seat
2	Seat heating connection – passenger's side
3	Seat heating switch – passenger's side
4	Plug for heated seat wire (driver's side) to special equipment plug (58K)
5	Plug for heated seat wire (driver's side) to passenger's side
6	Plug for heated seat wire (driver's side) to special equipment plug (15E and 30SA4)
7	Seat heating relay
8	Seat heating switch – driver's side
9	Heating – driver's seat
10	Seat heating connection – driver's side

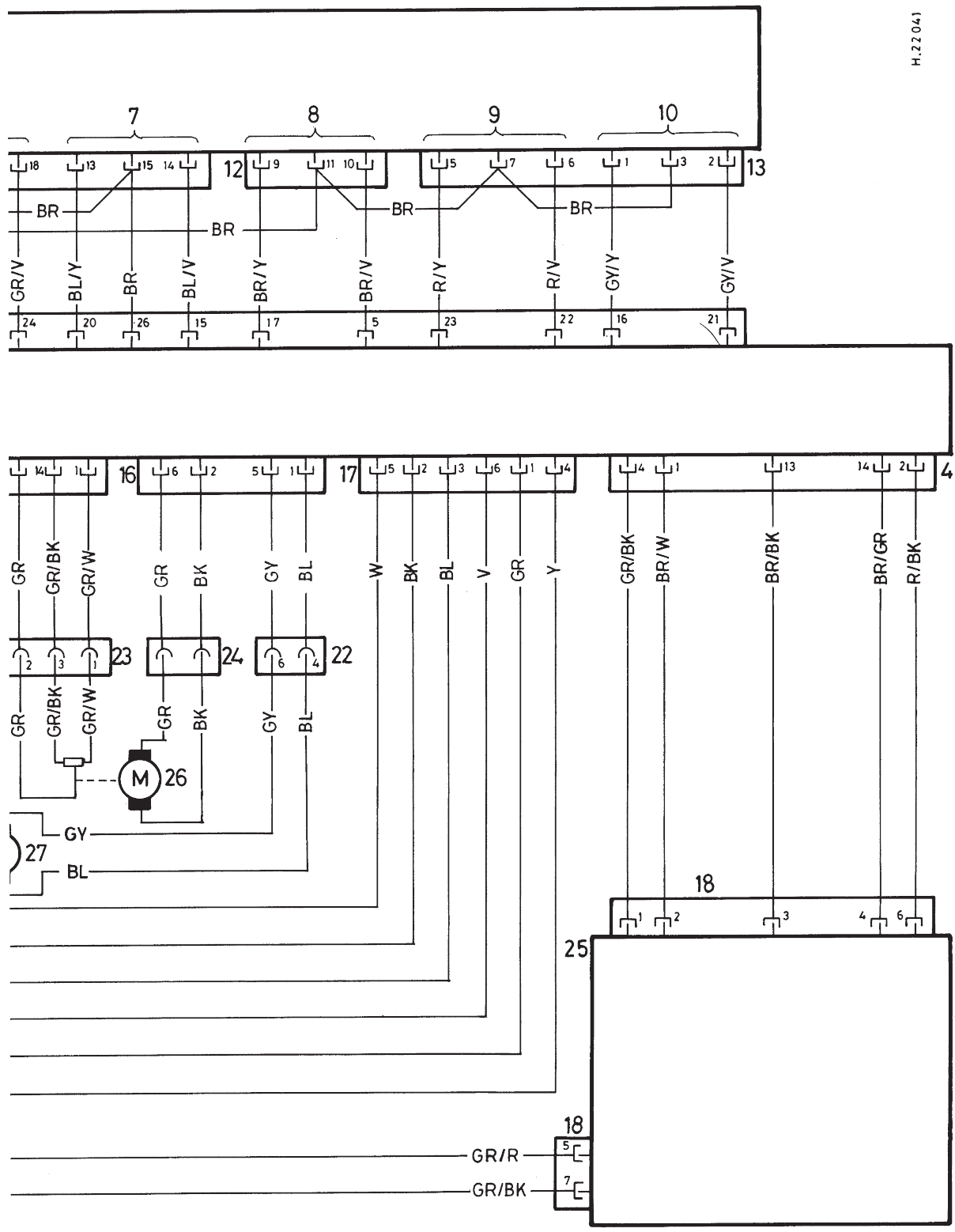
Typical heated seats wiring diagram

Key to wiring diagram for memory power seats

No	Description
1	Plug connection for special equipment plug
2	Plug connection of wire for passenger's seat
3	Plug connection of wire for seat control with memory
4	Connection of wire for seat control with memory
5	Seat control switch
6	Backrest
7	Slide
8	Headrest
9	Height front
10	Height rear
11	Plug connection for seat backrest/slide control
12	Plug connection for seat headrest control
13	Plug connection for seat height control
14	Electronic control unit (underneath seat)
15	Plug connection of wire for seat control with memory
16	Plug connection of wire for seat with memory
17	Plug connection for seat control drive
18	Plug connection for memory switch
19	Plug connection for slide potentiometer
20	Plug connection for front height potentiometer
21	Plug connection for rear height potentiometer
22	Plug connection for headrest motor
23	Plug connection for backrest potentiometer
24	Plug connection for backrest motor
25	Memory switch
26	Motor – seat backrest control
27	Motor – headrest control
28	Motor – height control rear
29	Motor – height control front
30	Motor – slide

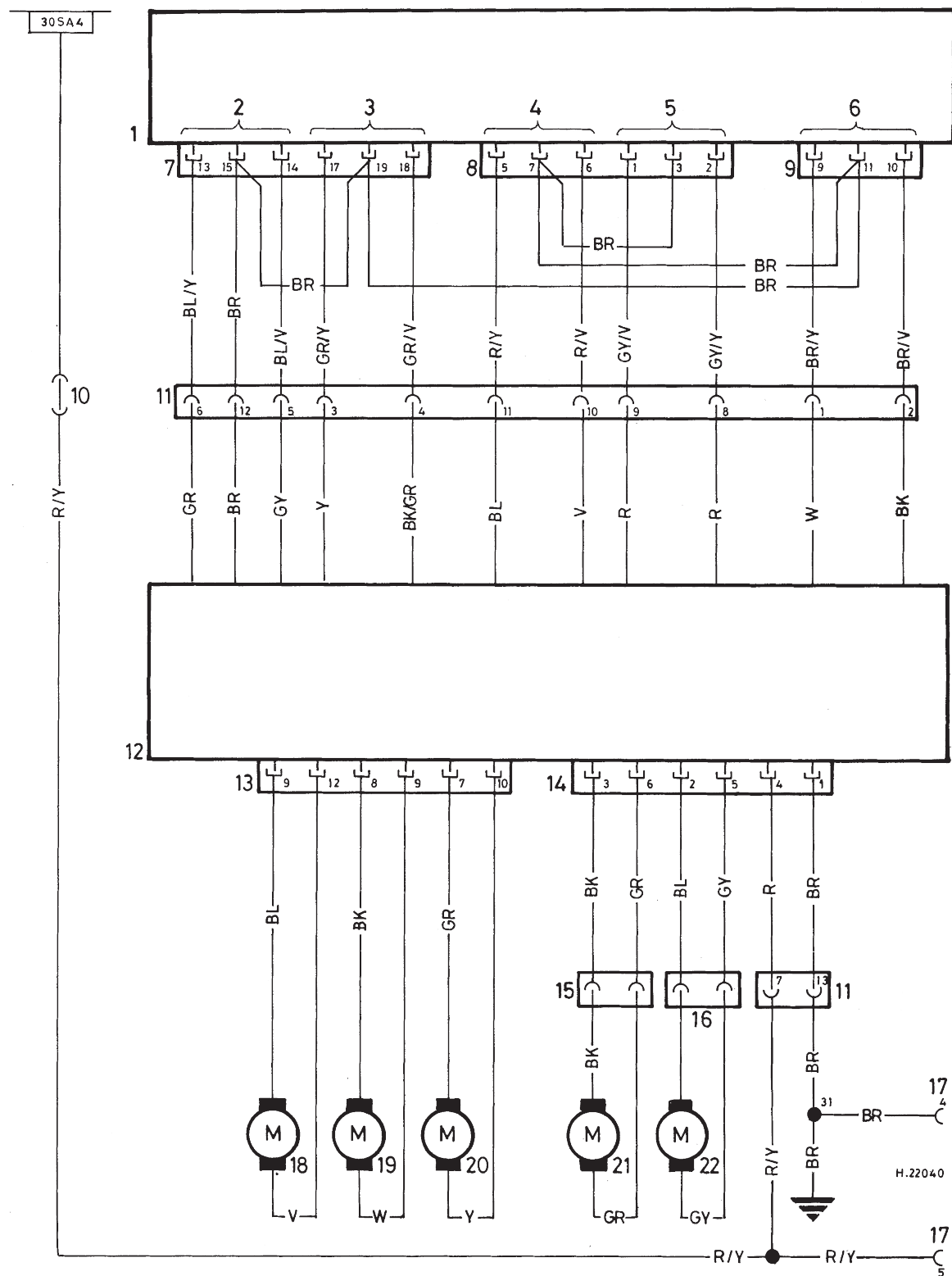


Typical wiring diagram for power seats with memory (1 of 2)



Typical wiring diagram for power seats with memory (2 of 2)

12•30 Wiring diagrams



Typical wiring diagram for power seats without memory

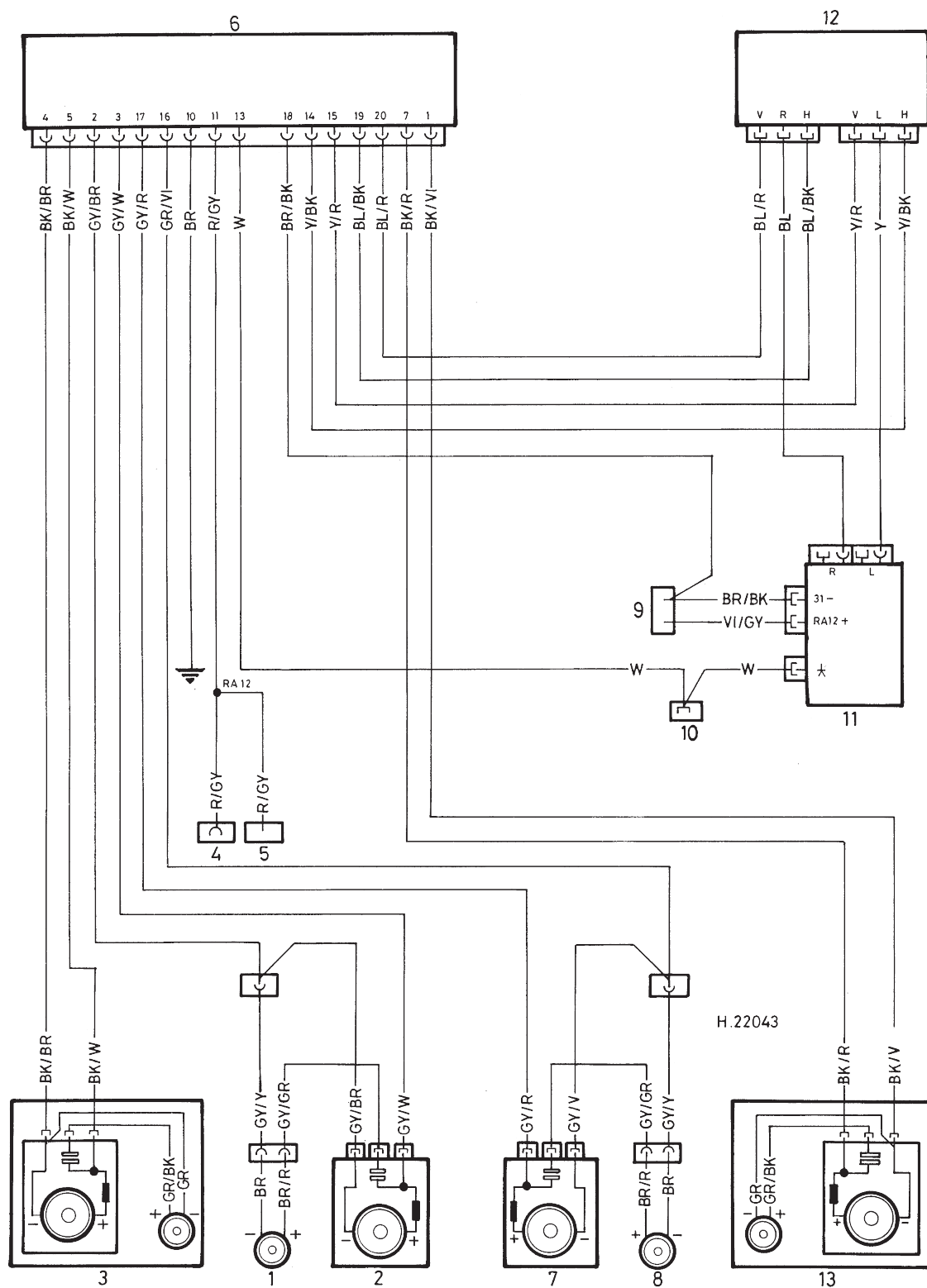
Key to wiring diagram for power seats without memory

No	Description
1	Plug connection with special equipment plug
2	Backrest
3	Seat forward/backward
4	Headrest
5	Seat up/down front
6	Seat up/down rear
7	Plug – switch for backrest/seat control
8	Plug – switch for headrest control
9	Plug – switch for front/rear seat up/down control
10	Switch for power seats
11	Plug – power seat wire to power seat electronic control unit
12	Electronic control unit for power seats (below seats)
13	Plug – power seat drive to power seat electronic control unit
14	Plug – power backrest and headrest wire to power seat electronic control unit
15	Plug – power backrest and headrest wire to backrest motor
16	Plug – power backrest and headrest wire to the headrest motor
17	Plug – power seat wire on driver's side to wire on passenger's side
18	Motor – seat up/down front
19	Motor – seat up/down rear
20	Motor – seat forward/backward
21	Motor – backrest
22	Motor – headrest

Key to radio wiring diagram

No	Description
1	Speaker door right
2	Speaker front right
3	Speaker rear right
4	Special equipment plug RA12
5	Connection for power windows
6	Amplifier
7	Speaker front left
8	Speaker door left
9	Connection for power supply lead
10	Connection for power aerial
11	Radio
12	Speaker balance control
13	Speaker rear left

12•32 Wiring diagrams



Typical radio wiring diagram - early models shown

