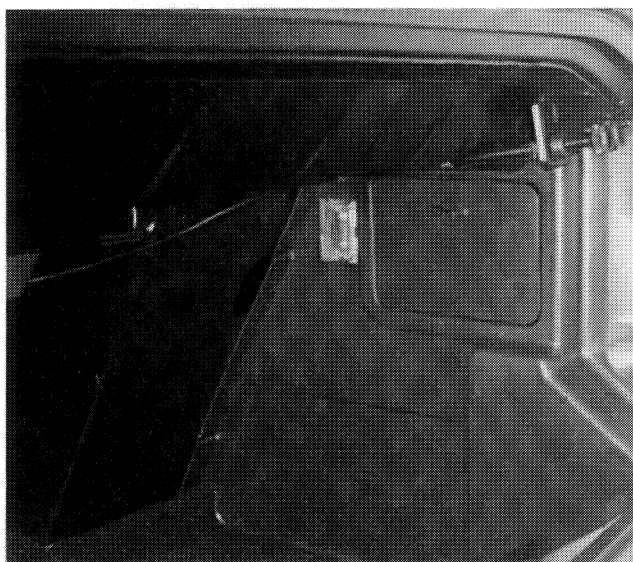


PUNTO eMANUAL

Electrical Equipment

Title	Page
Rear light cluster	1 ➡
Courtesy lights	3 ➡
Wiring diagrams	5 ➡
Connector blocks	27 ➡
Electrical system perspective views	34 ➡
Key	38 ➡

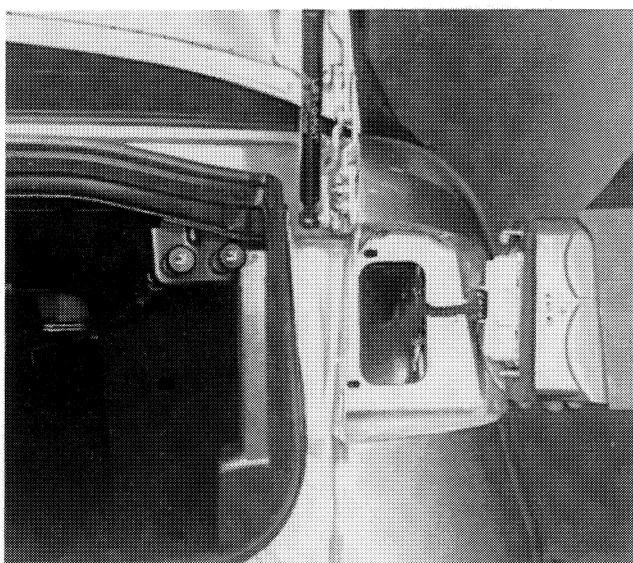


P3M01EL01

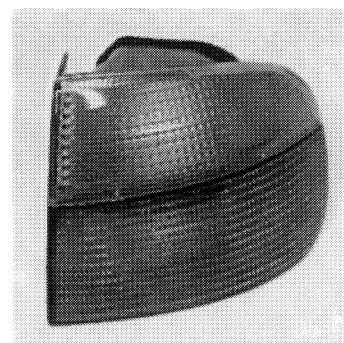
REAR LIGHTS CLUSTER (on mudguard)

Removing-refitting complete lights cluster

- Lift the boot lid;
- remove the cover to gain access to the rear of the lights cluster;



P3M01EL02



P3M01EL03

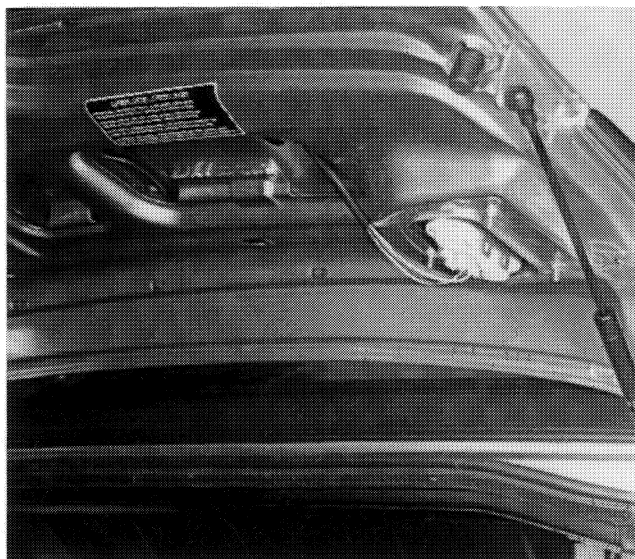
- undo the nuts securing the lights cluster to the mudguard;
- release the bulb holder by disengaging its retaining lugs, then remove the lights cluster from the mudguard.



P3M01EL04

Replacing bulb

- Lift the boot lid;
- remove the cover to gain access to the rear of the lights cluster;
- release the bulb holder by disengaging its retaining lugs;
- withdraw the bulb holder as shown in the figure;
- replace the faulty bulb.



P3M02EL01

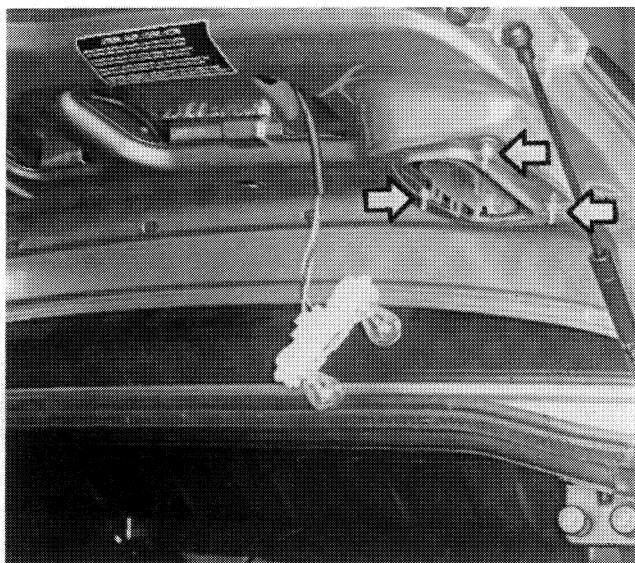


REAR LIGHTS CLUSTER (on boot lid)

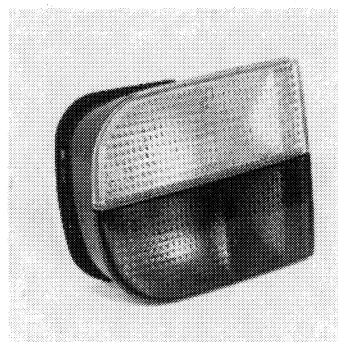


Removing-refitting complete lights cluster

- Lift the boot lid;
- release the bulb holder from the rear lights cluster by disengaging its retaining lugs;

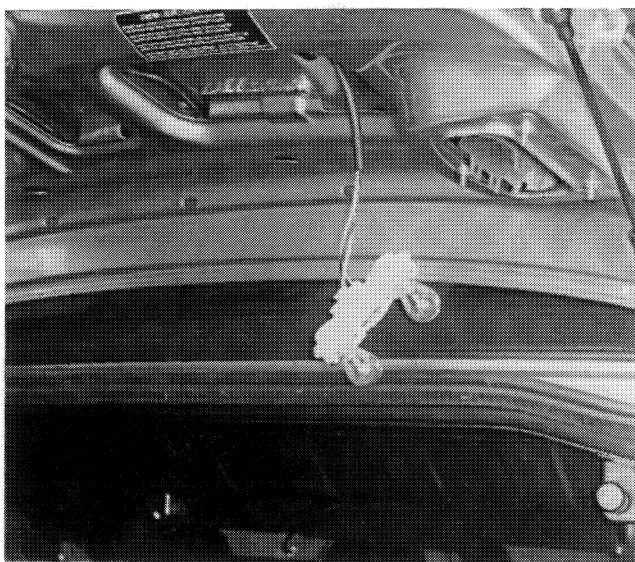


P3M02EL02



P3M02EL03

- undo the nuts shown in the figure, then remove the lights cluster from the boot lid.

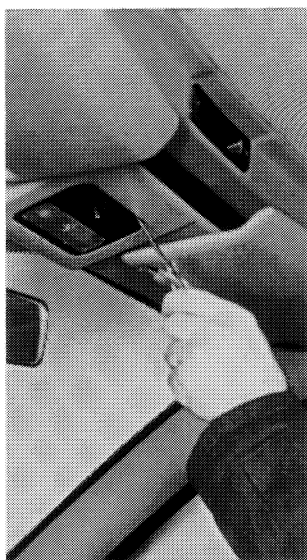


P3M02EL04

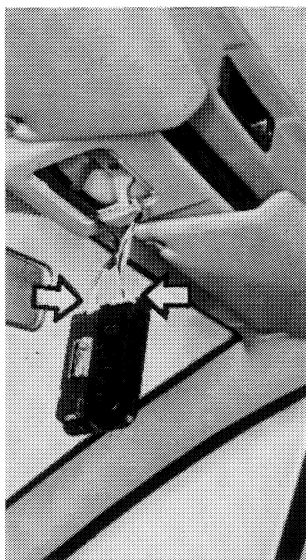


Replacing bulb

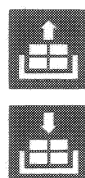
- Lift the boot lid;
- release the bulb holder from the rear lights cluster by disengaging its retaining lugs;
- replace the faulty bulb.



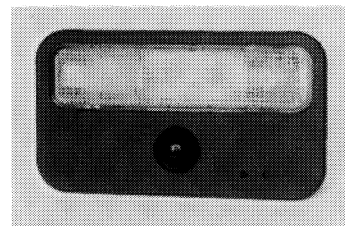
P3M03EL01



P3M03EL02



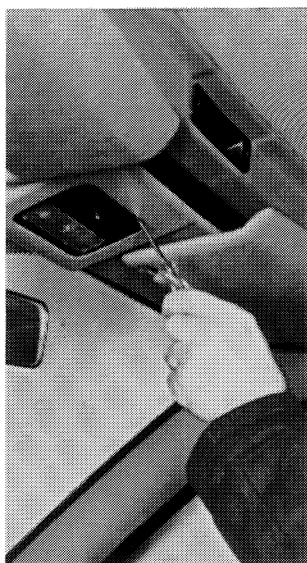
COURTESY LIGHTS



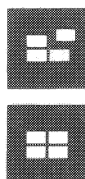
P3M03EL03

Removing-refitting car interior courtesy light

- Prise off the courtesy light as illustrated in the left picture;
- disconnect the electrical wiring shown in the right picture;
- remove the courtesy light.

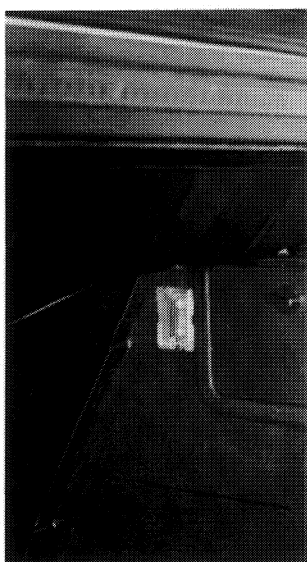


P3M03EL04

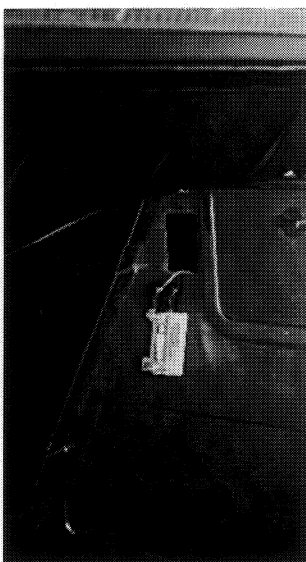


Replacing bulb

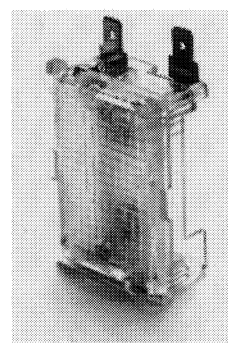
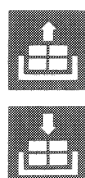
- Prise off the courtesy light as illustrated in the left picture;
- replace the faulty bulb shown in the right picture;



P3M03EL05



P3M03EL06



P3M03EL07

Removing-refitting boot courtesy light

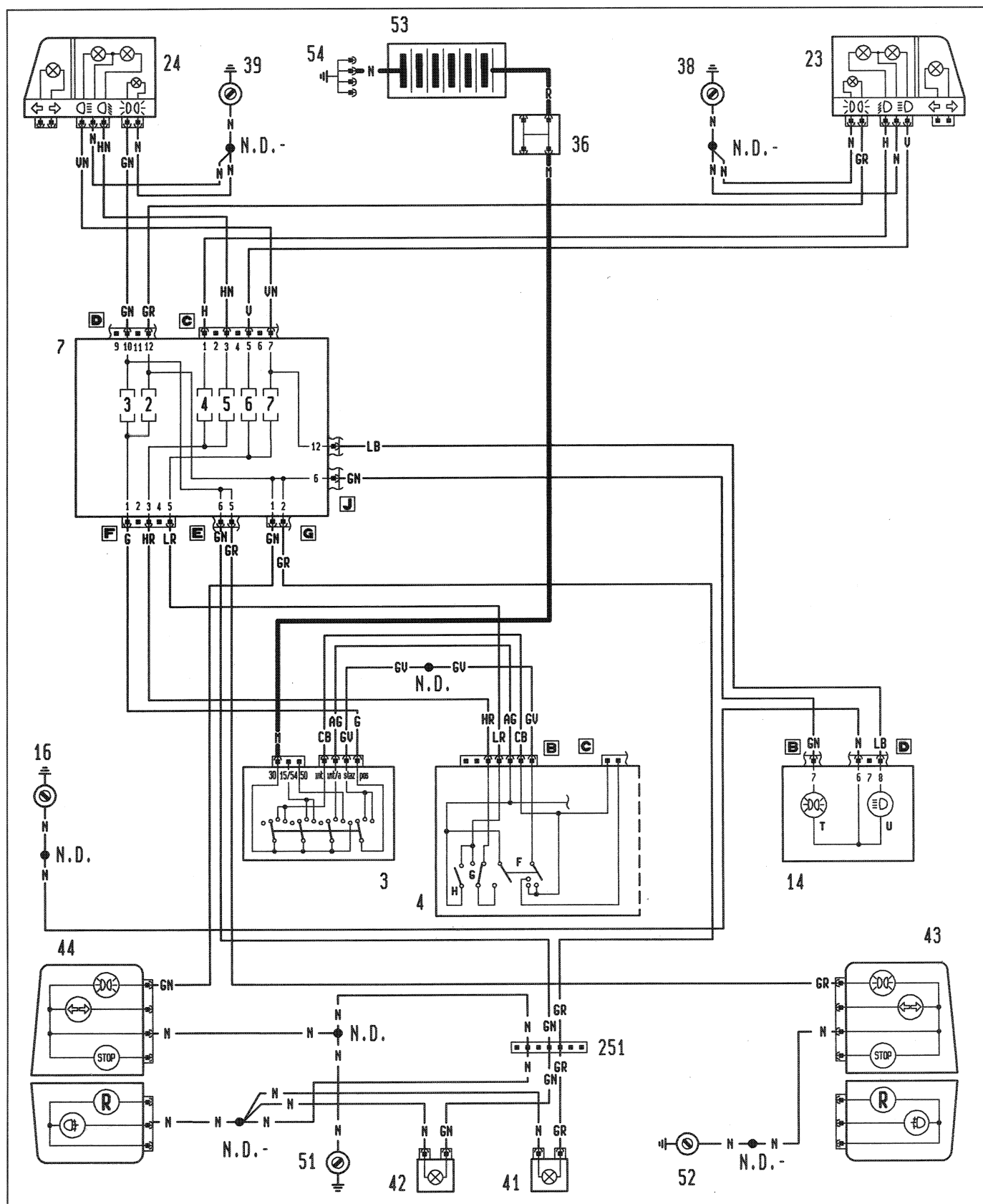
- Withdraw the courtesy light (left picture);
- disconnect the electrical wiring (right picture);
- remove the courtesy light.

NAME	VERSIONS AND ENGINES	
	1242 SPI	1581
Side lights and warning lamp - Dipped beam headlamps - Main beam headlamps and warning light - Headlamp flasher - Number plate lights	7	8
Direction indicators and warning lamp - Hazard warning lights and warning lamp - Reversing lights - Stop lights	9	10
Front fog lamps and warning light - Rear fog lamps and warning light	11	12
Provision for car radio - Courtesy light - Symbol illumination		13
Electrically-controlled hood		14

NOTE *The numbers on the table correspond to the page number in the Electrical System Section of the manual*

Version: 1242 SPI

Side lights and warning lamp - Dipped beam headlamps - Main beam headlamps and warning light - Headlamp flasher - Number plate lights - (see key following diagrams)

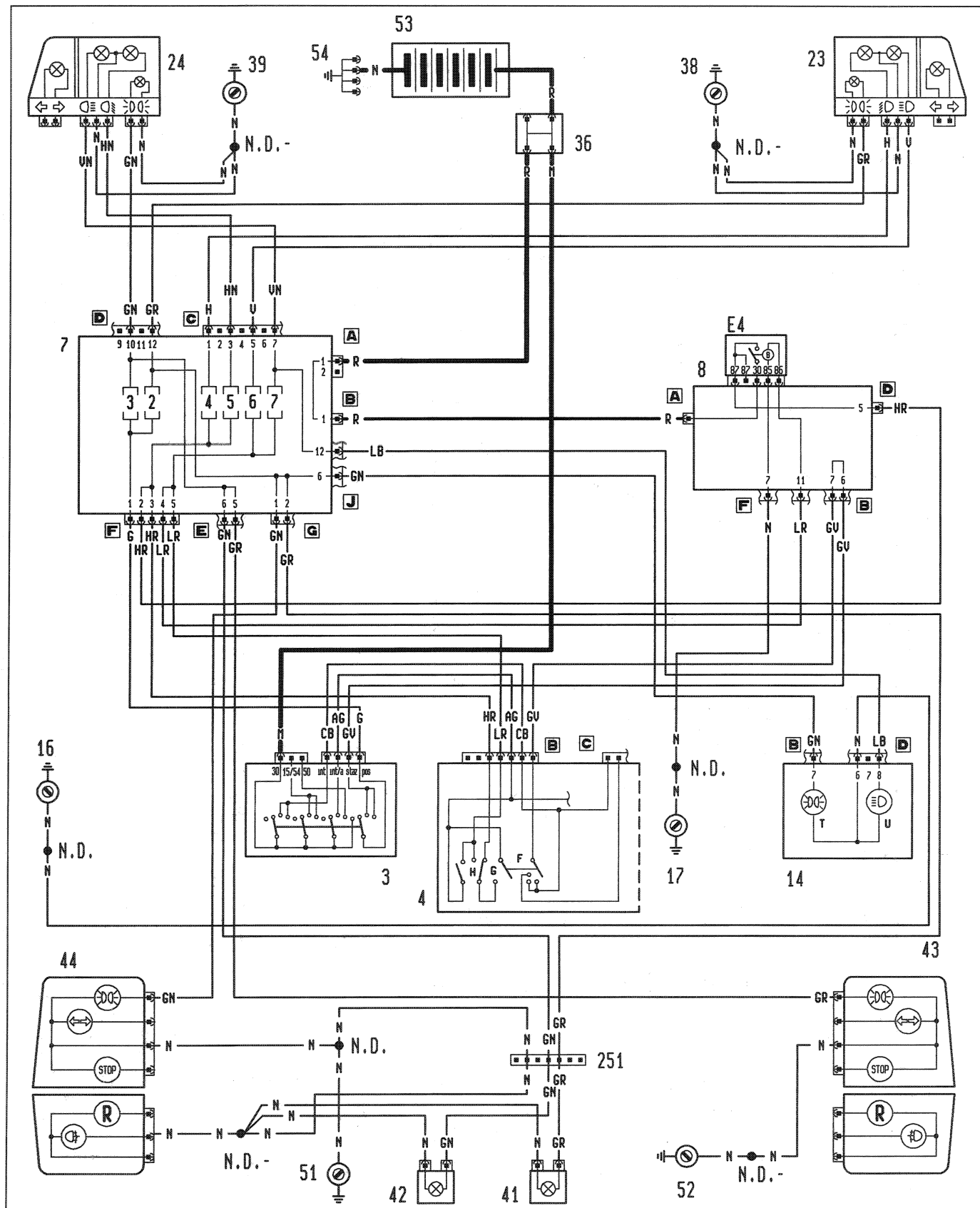


P3M06EL01

55.

Version: 1581

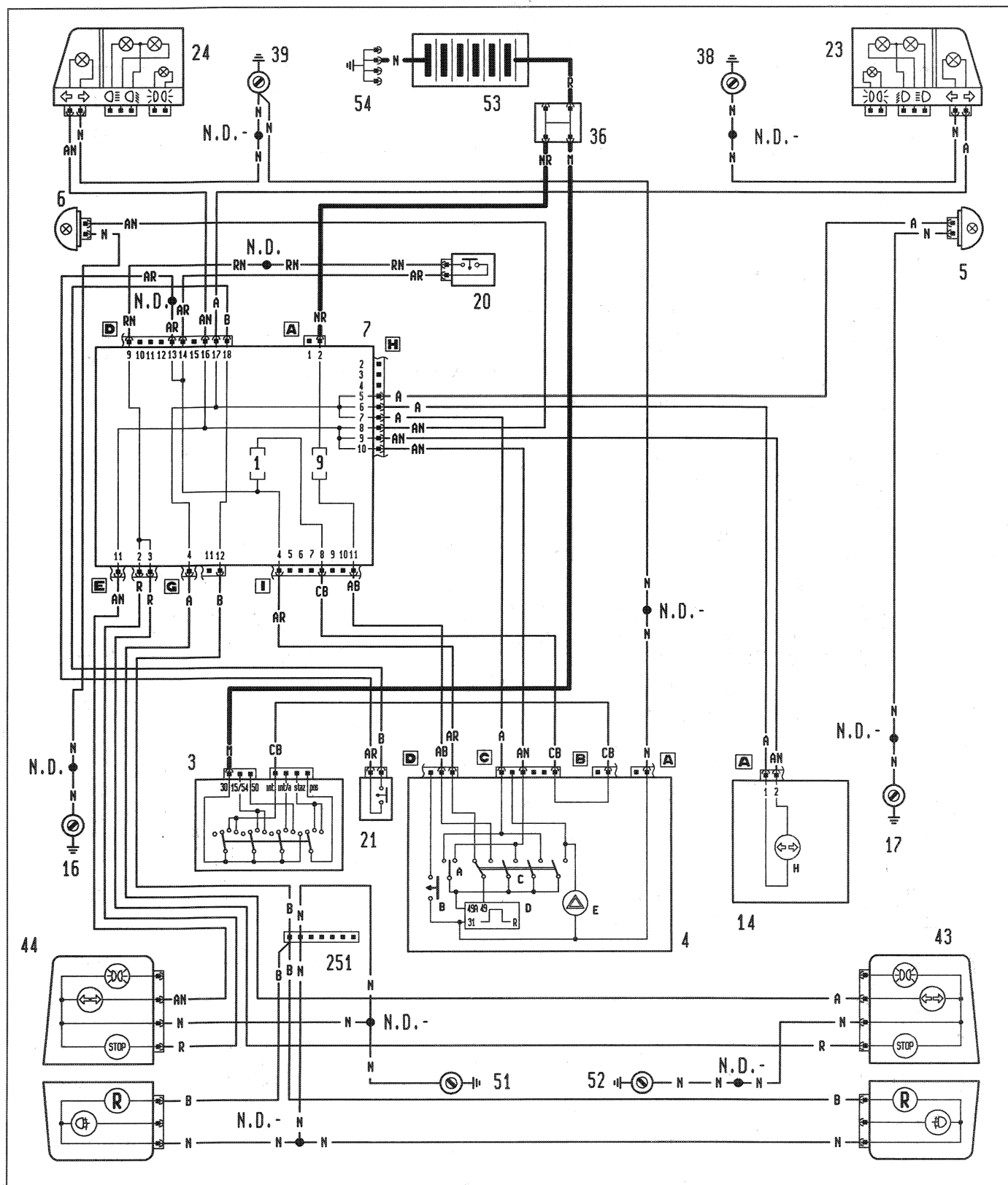
Side lights and warning lamp - Dipped beam headlamps - Main beam headlamps and warning light - Headlamp flasher - Number plate lights - (see key following diagrams)



P3M06EL01

Version: 1242 SPI

Direction indicators and warning lamp - Hazard warning lights and warning lamp - Reversing lights - Stop lights - (see key following diagrams)

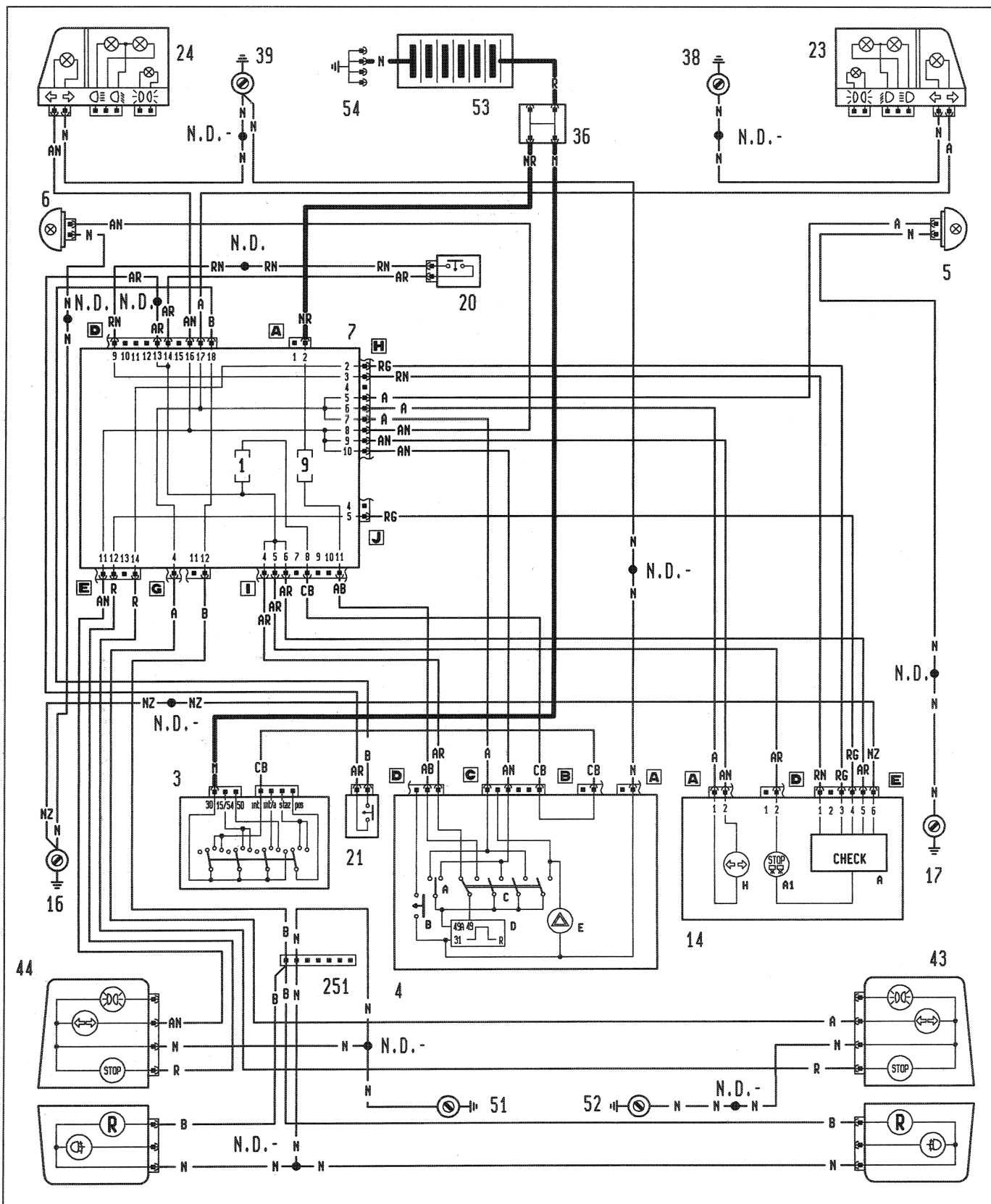


P3M07EL01

55.

Version: 1581

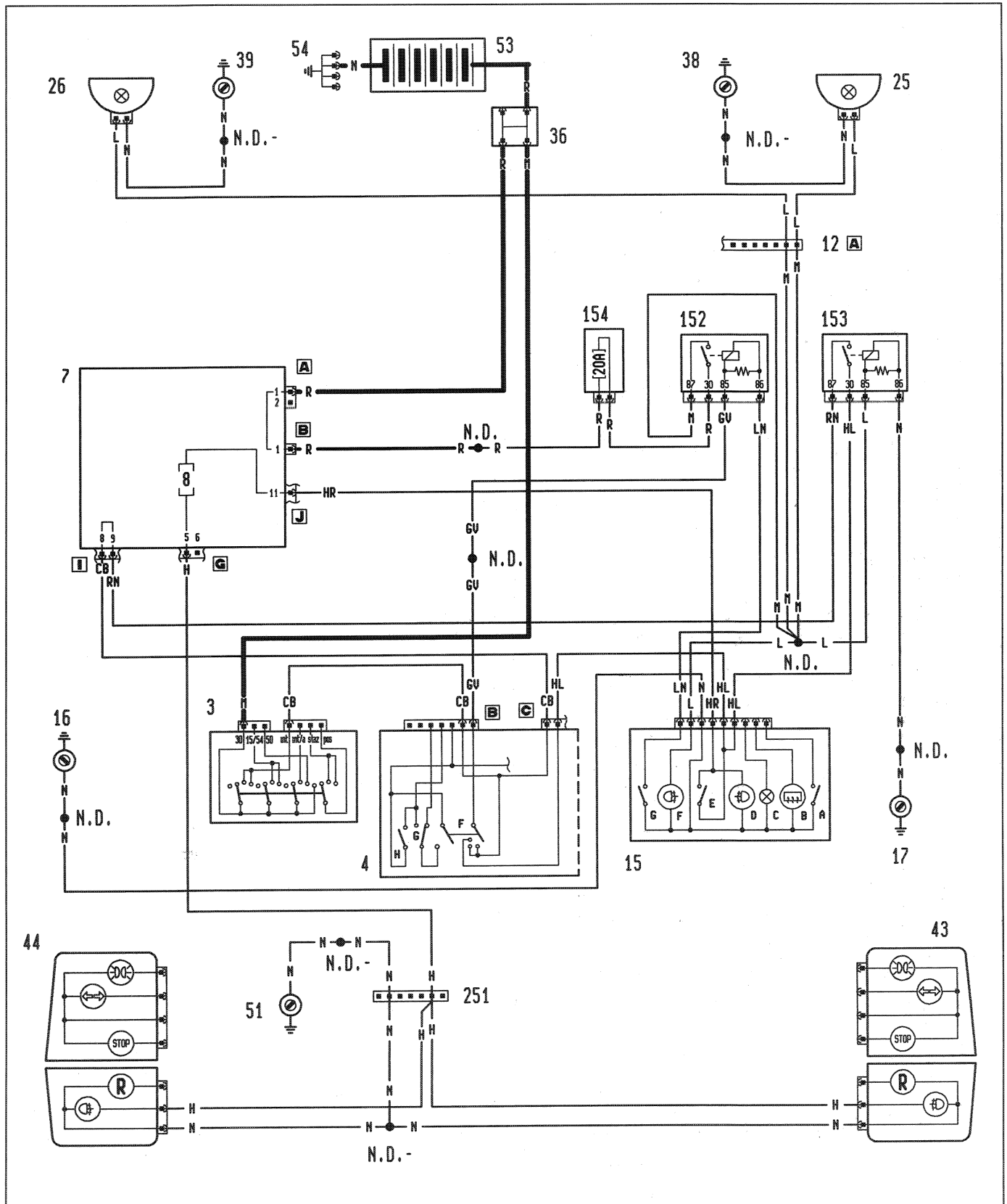
Direction indicators and warning lamp - Hazard warning lights and warning lamp - Reversing lights - Stop lights and fault warning light (check panel) - (see key following diagrams)



P3M08EL01

Version: 1242 SPI

Front fog lamps and warning light - Rear fog lamps and warning light - (see key following diagrams)

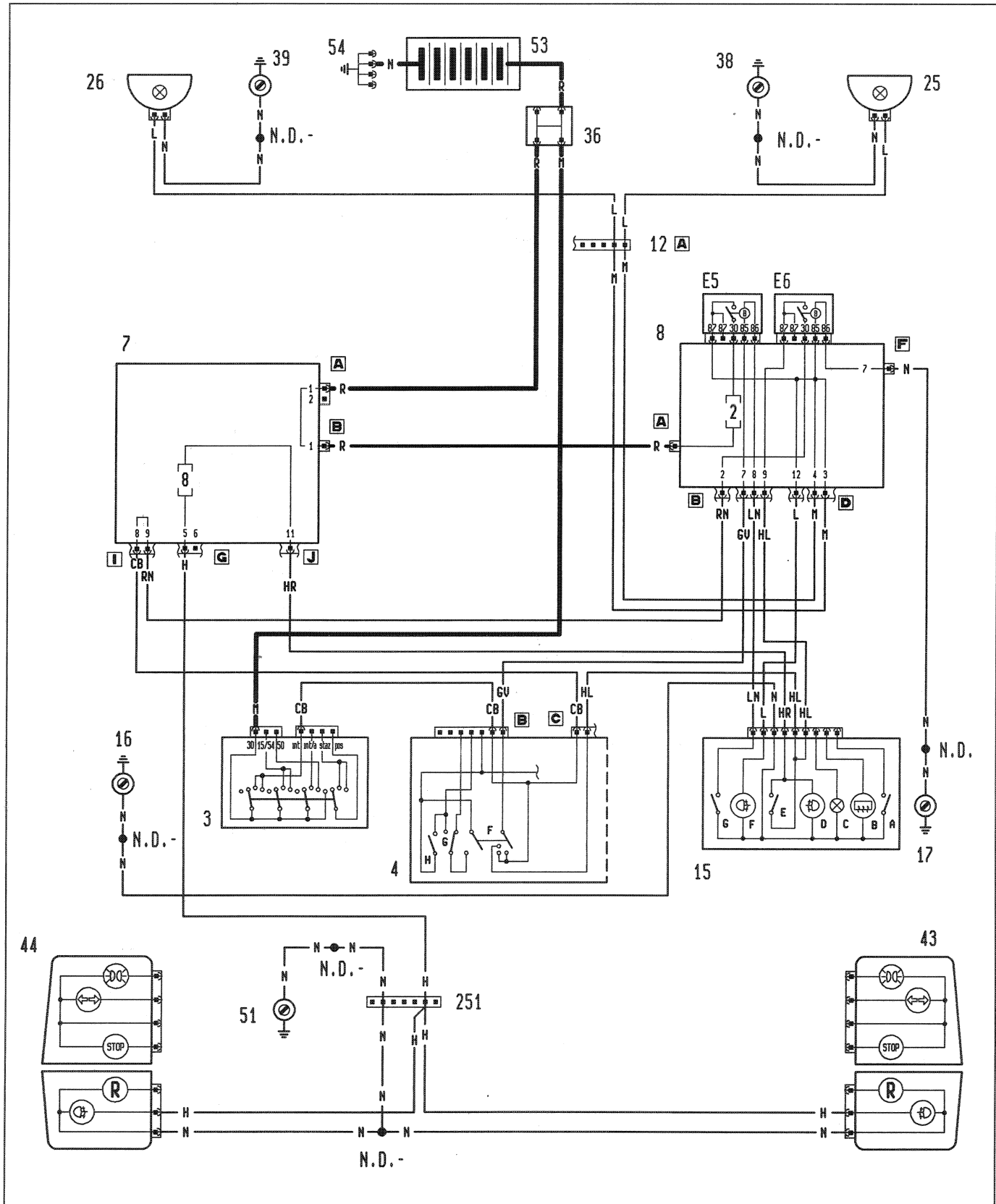


P3M09EL01

55.

Version: 1581

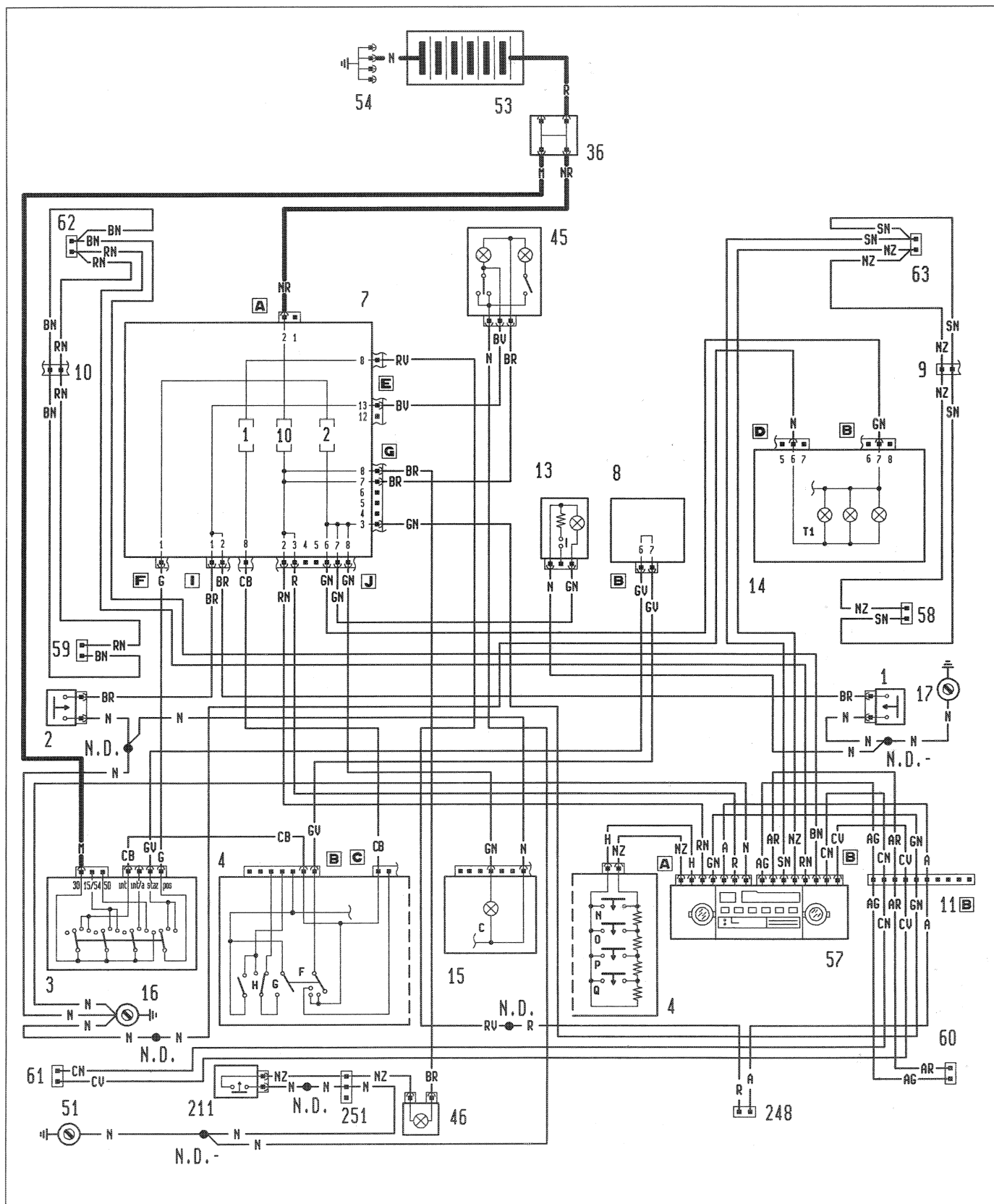
Front fog lamps and warning light - Rear fog lamps and warning light - (see key following diagrams)



P3M10EL01

Version: 1581

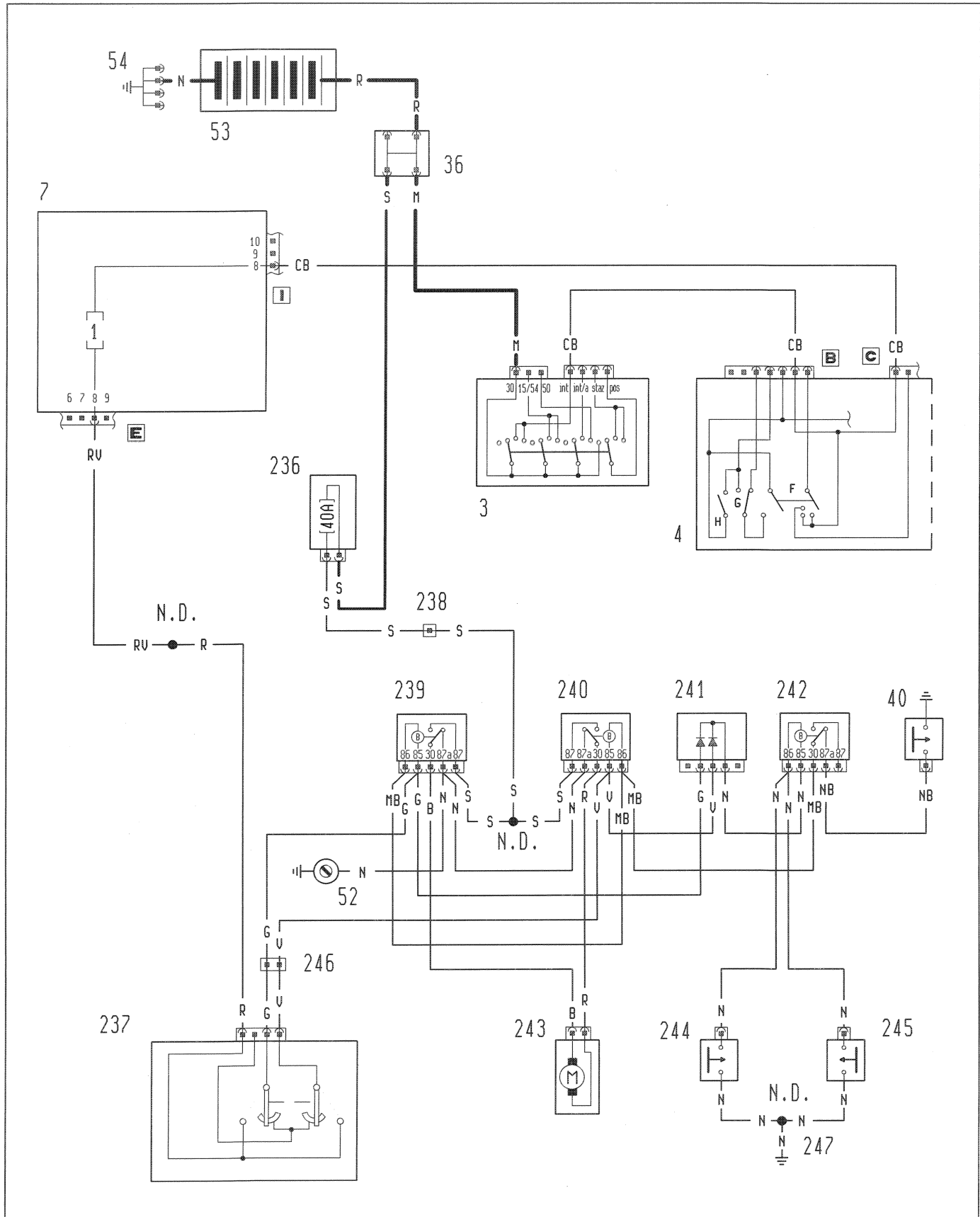
Preparation for car radio - Vehicle interior lights - Ideogram lights - (see key at end of wiring diagrams)



P3M11EL01

Version: 1581

Electrically operated hood - (see key at end of wiring diagrams)



P3M12EL02

Key to wiring diagrams

- 1 Front right button controlling courtesy light and indicating door open
 - 2 Front left button controlling courtesy light and indicating door open
 - 3 Ignition switch
 - 4 Stalk unit:
 - A Direction indicators stalk
 - B Horn button
 - C Hazard warning lights switch
 - D Direction indicators/hazard lights delay unit
 - E Hazard warning lights warning lamp
 - F Side lights/dipped beam headlamps stalk
 - G Dipped beam/main beam headlamps stalk
 - H Main beam headlamps button
 - N Volume increase control button (on steering wheel)
 - O Volume decrease control button (on steering wheel)
 - P Programme selector button (on steering wheel)
 - Q Band selector button (on steering wheel)
 - 5 Front right side repeater
 - 6 Front left side repeater
 - 7 Junction unit:
 - 8 Optional extras control unit:
 - E4 Relay controlling dipped beam headlamps/headlamp adjuster
 - E5 Front fog lamps control unit
 - E6 Relay for rear fog lamps with front fog lamps on
 - 9 Connection between dashboard cables and passenger door cables
 - 10 Connection between dashboard cables and driver's door cables
 - 11 Connection between dashboard cables and rear cables
 - 12 Dashboard cables/front cables connection
 - 13 Cigar lighter
 - 14 Instrument panel:
 - A Check-panel module
 - A1 Stop lights fault warning light
 - H Direction indicators warning light
 - T Side lights warning light
 - T1 Symbol illumination bulbs
 - U Main beam headlamps warning light
 - 15 Switch assembly:
 - A Heated rear window switch
 - B Heated rear window warning light
 - C Switch assembly symbol illumination
 - D Rear fog lamps warning light
 - E Rear fog lamps switch
 - F Front fog lamps warning light
 - G Front fog lamps switch
 - 16 Left dashboard earth
 - 17 Right dashboard earth
 - 20 Stop lights switch
 - 21 Reversing lights switch
 - 23 Front right lights cluster
 - 24 Front left lights cluster
 - 25 Front right fog light
 - 26 Front left fog light
 - 36 Connector block
 - 38 Front right earth
 - 39 Front left earth
 - 40 Handbrake on warning light switch
 - 41 Right number plate light
 - 42 Left number plate light
 - 43 Rear right lights cluster
 - 44 Rear left lights cluster
 - 45 Car interior courtesy light
 - 46 Luggage compartment light bulb
 - 51 Rear left earth
 - 52 Rear right earth
 - 53 Battery
 - 54 Battery earth
 - 57 Car radio
 - 58 Loudspeaker on right front door
 - 59 Loudspeaker on left front door
 - 60 Rear right loudspeaker
 - 61 Rear left loudspeaker
 - 62 Front left loudspeaker
 - 63 Front right loudspeaker
 - 152 Front fog lamps relay
 - 153 Relay controlling rear fog lamps with front fog lamps on
 - 154 10A fuse protecting front fog lights
 - 211 Switch for controlling boot courtesy light and switch in on anti-theft device
 - 236 40A fuse protecting pump motor (in engine compartment)
 - 237 Electric hood control switch
 - 238 Connection between electric hood and hood supply cable
 - 239 Pump relay
 - 240 Pump relay
 - 241 Diodes
 - 242 Safety relay
 - 243 Pump motor operating electric hood
 - 244 Safety button for hood cover
 - 245 Safety button for hood cover
 - 246 Connection between electric hood cable and rear cables
 - 247 Earths on rear sides
-

-
- 248 Provision for electric aerial
251 Connection between rear cable and boot
lid cable

List of fuses in junction unit 7

Fuse 1	15A
Fuse 2	10A
Fuse 3	10A
Fuse 4	10A
Fuse 5	10A
Fuse 6	10A
Fuse 7	10A
Fuse 8	10A
Fuse 9	10A
Fuse 10	15A
Fuse 11	20A
Fuse 12	20A
Fuse 13	20A
Fuse 14	20A
Fuse 15	20A

List of fuses in junction unit 8 (optional extras)

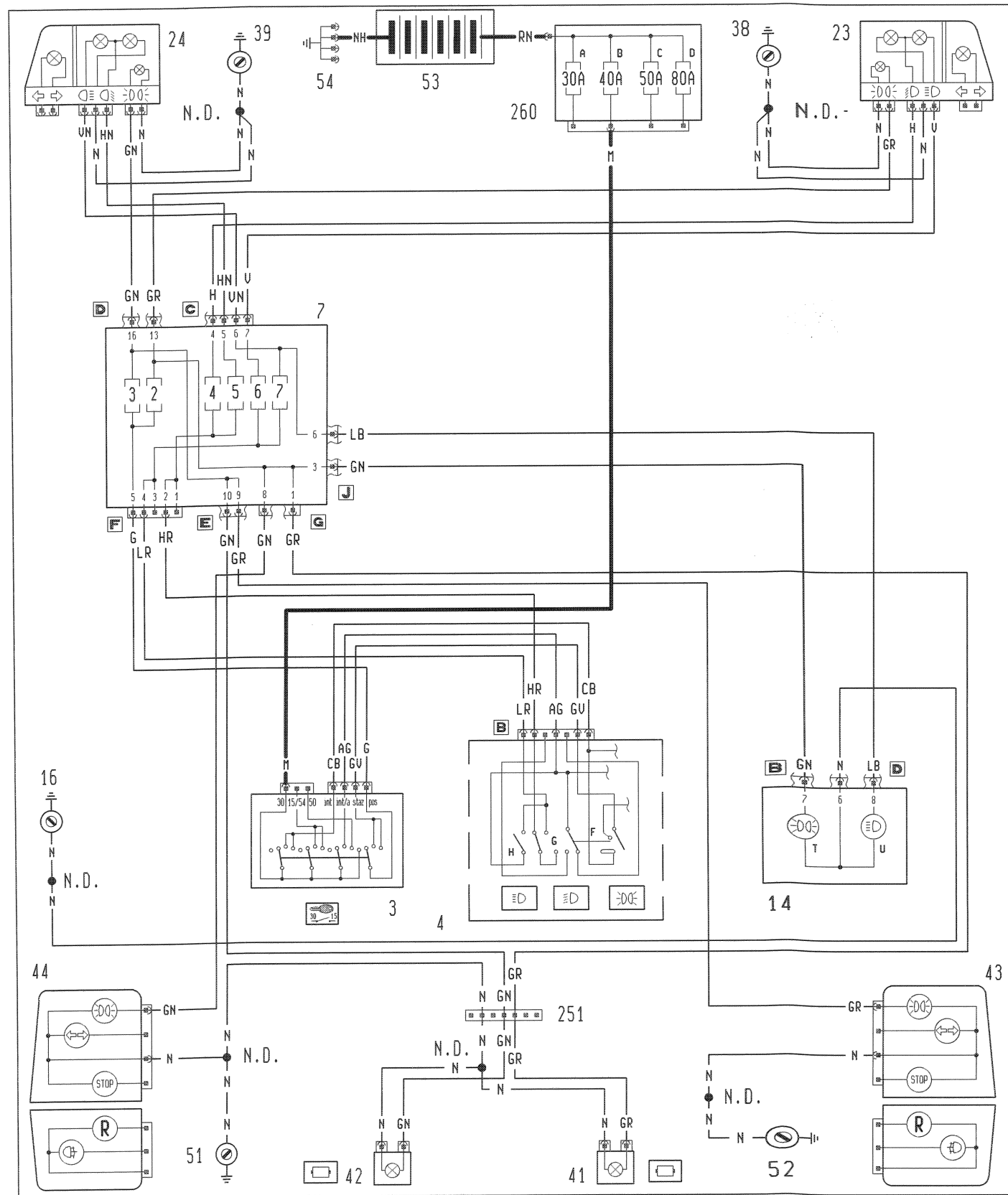
Fuse 1	30A
Fuse 2	20A
Fuse 3	20A
Fuse 4	20A
Fuse 5	30A
Fuse 6	30A

Wiring colour codes

A	Light blue
B	White
C	Orange
G	Yellow
H	Grey
L	Blue
M	Brown
N	Black
R	Red
S	Pink
V	Green
Z	Violet
AB	Light blue-White
AG	Light blue-Yellow
AN	Light blue-Black
AR	Light blue-Red
AV	Light blue-Green
BG	White-Yellow
BL	White-Blue
BN	White-Black
BR	White-Red
BV	White-Green
BZ	White-Violet
CA	Orange-Light blue
CB	Orange-White
CN	Orange-Black
GN	Yellow-Black
GL	Yellow-Blue
GR	Yellow-Red
GV	Yellow-Green
HG	Grey-Yellow
HN	Grey-Black
HR	Grey-Red
HV	Grey-Green
LB	Blue-White
LG	Blue-Yellow
LN	Blue-Black
LR	Blue-Red
LV	Blue-Green
MB	Brown-White
MN	Brown-Black
NZ	Black-Violet
RB	Red-White
RG	Red-Yellow
RN	Red-Black
RV	Red-Green
SN	Pink-Black
VB	Green-White
VN	Green-Black
VR	Green-Red
ZB	Violet-White

Version: S

Side lights and warning lamp - Dipped beam headlamps - Main beam headlamps and warning light - Headlamp flasher - Number plate lights - (see key following diagrams)



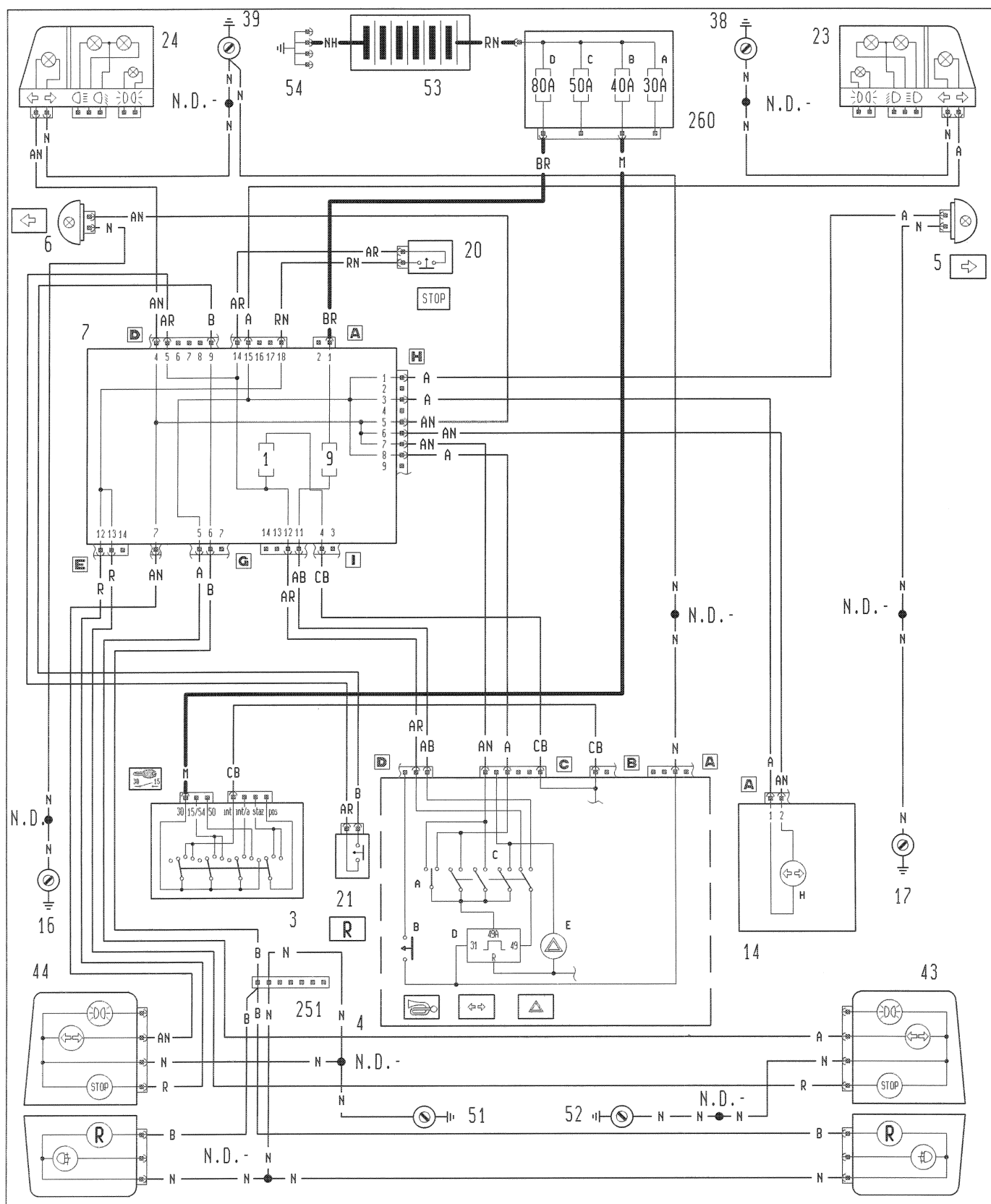
P3M011L01

Side lights and warning lamp - Dipped beam headlamps - Main beam headlamps and warning light - Headlamp flasher - Number plate lights - (see key following diagrams)



Version: S

Direction indicators and warning lamp - Hazard warning lights and warning lamp - Reversing lights - Braking lights - (see key following diagrams)

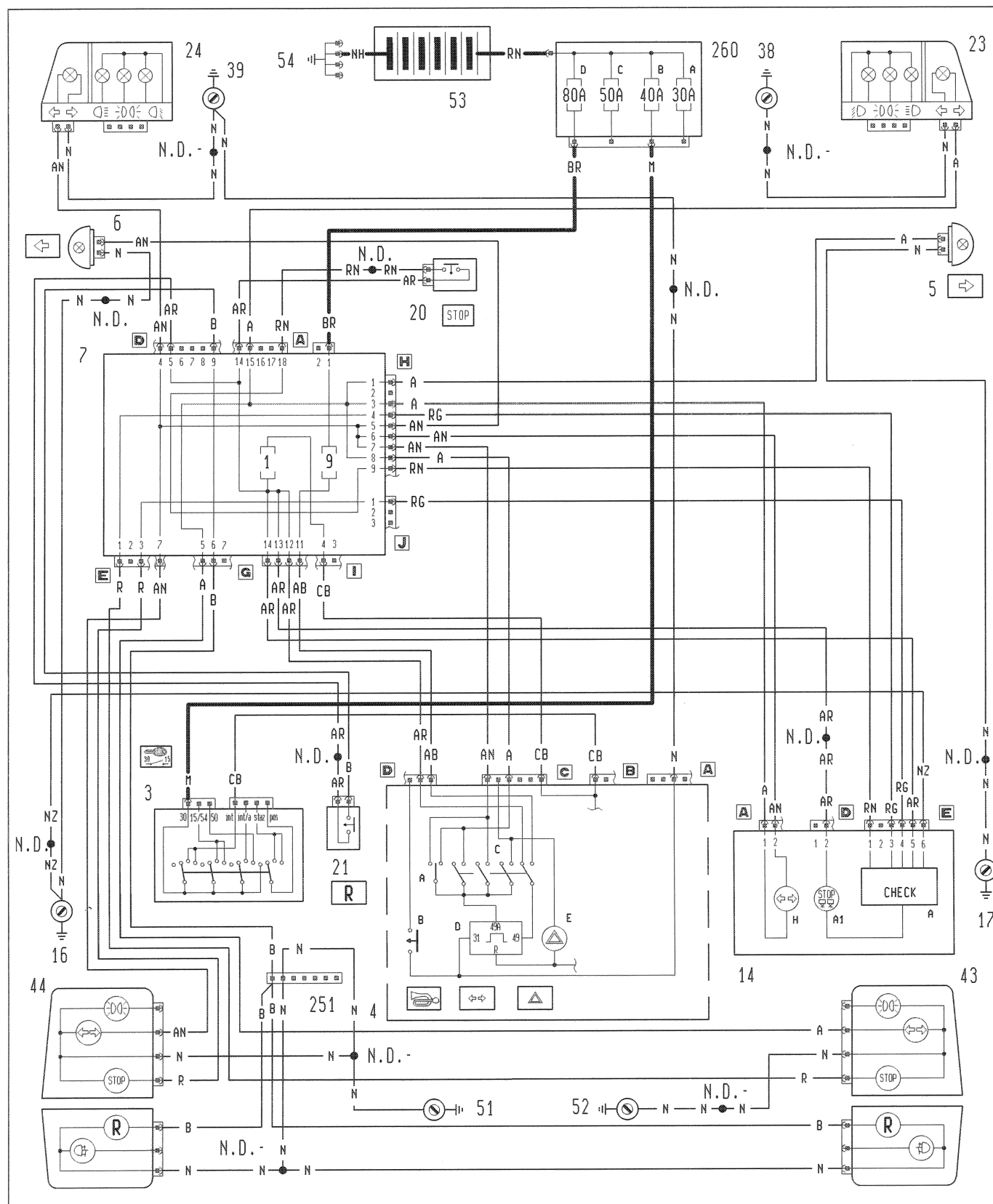


P3M031L01

55.

Version: ELX

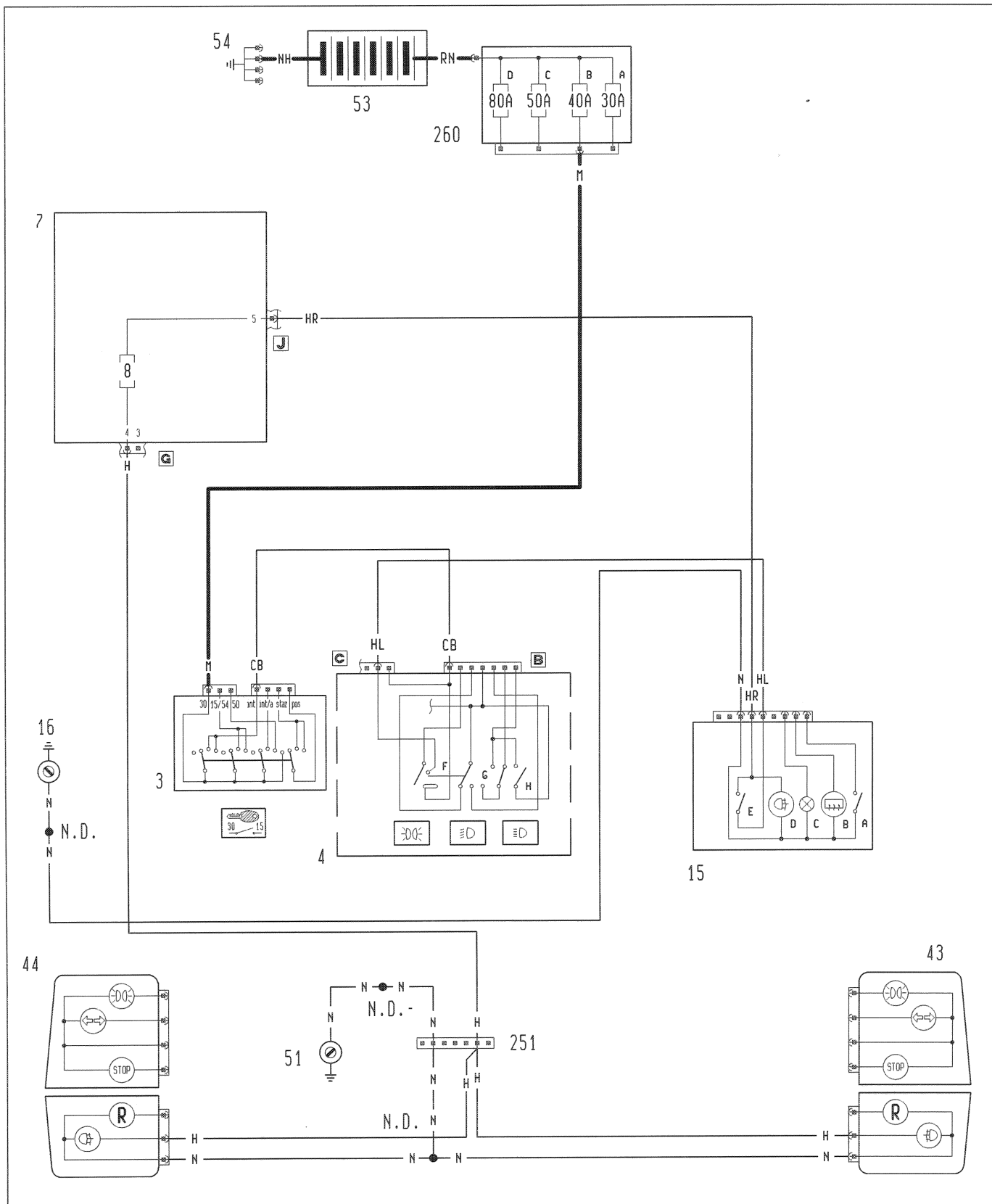
Direction indicators and warning lamp - Hazard warning lights and warning lamp - Reversing lights - Braking lights and fault warning light (check) - (see key following diagrams)



P3M041L01

Version: S

Rear fog lamps and warning light - (see key following diagrams)

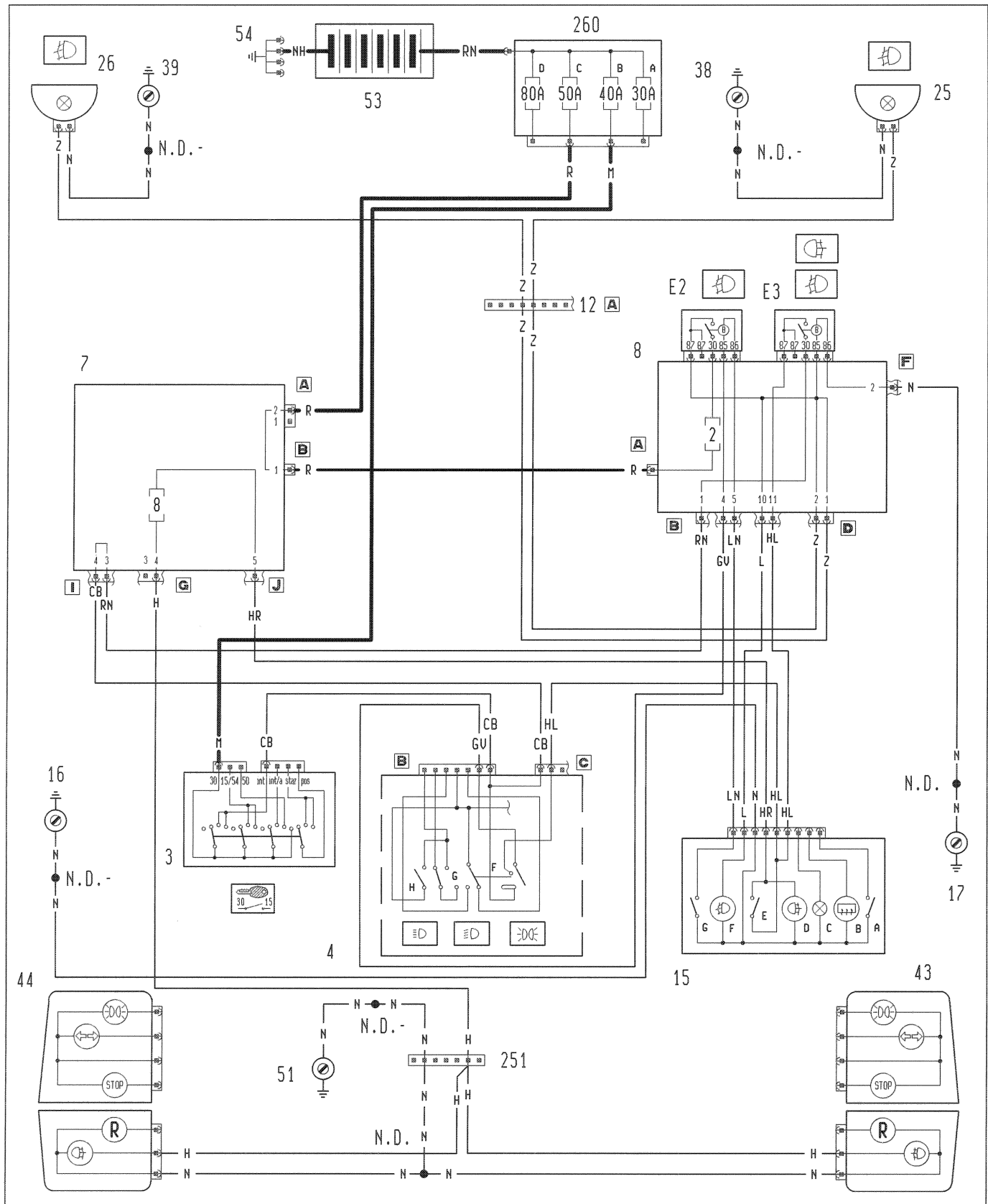


P3M05IL01

55.

Version: ELX

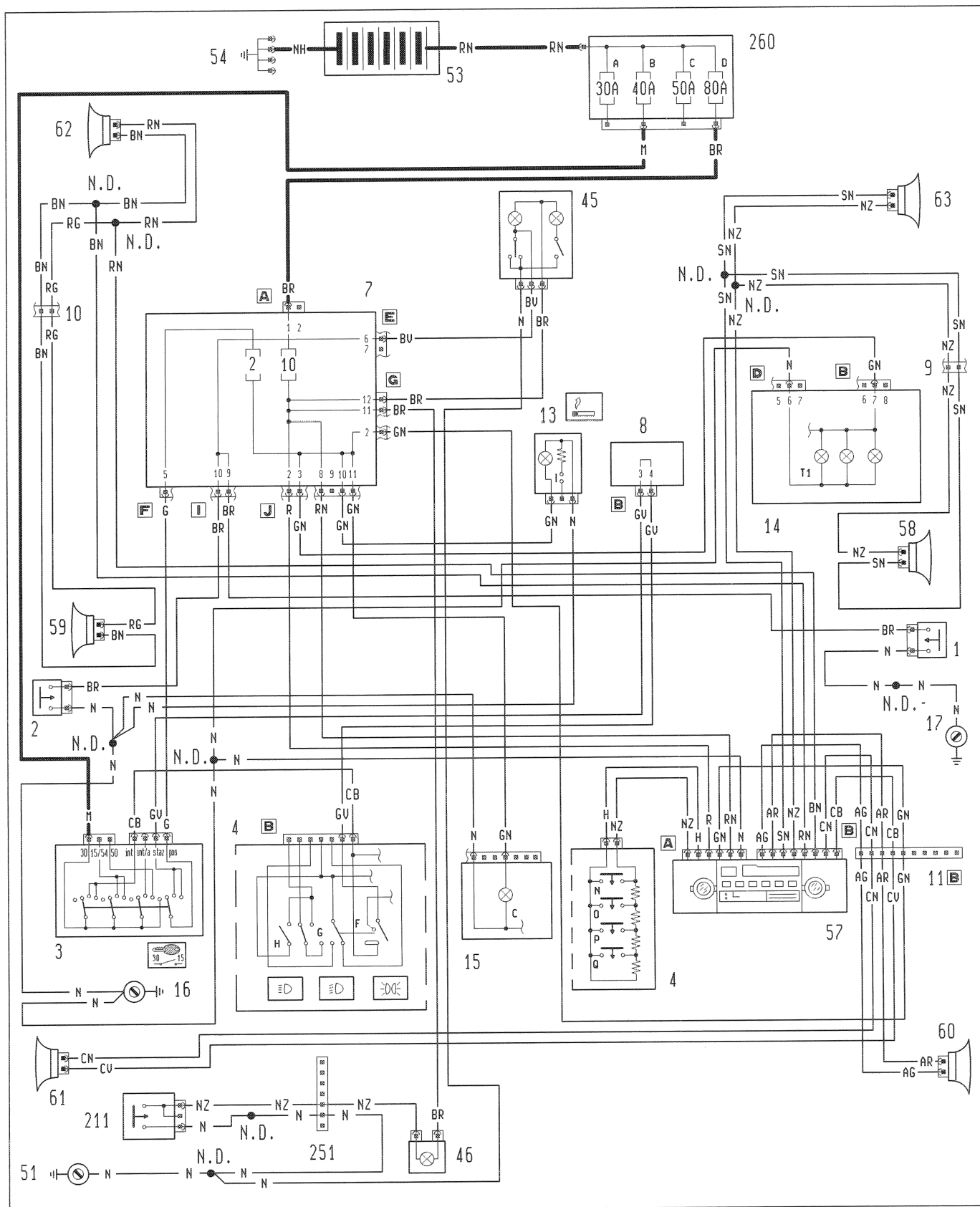
Front fog lamps and warning light - Rear fog lamps and warning light - (see key following diagrams)



P3M061L01

Version: ELX

Wiring for car radio - Courtesy light - Symbol illumination - (see key following diagrams)

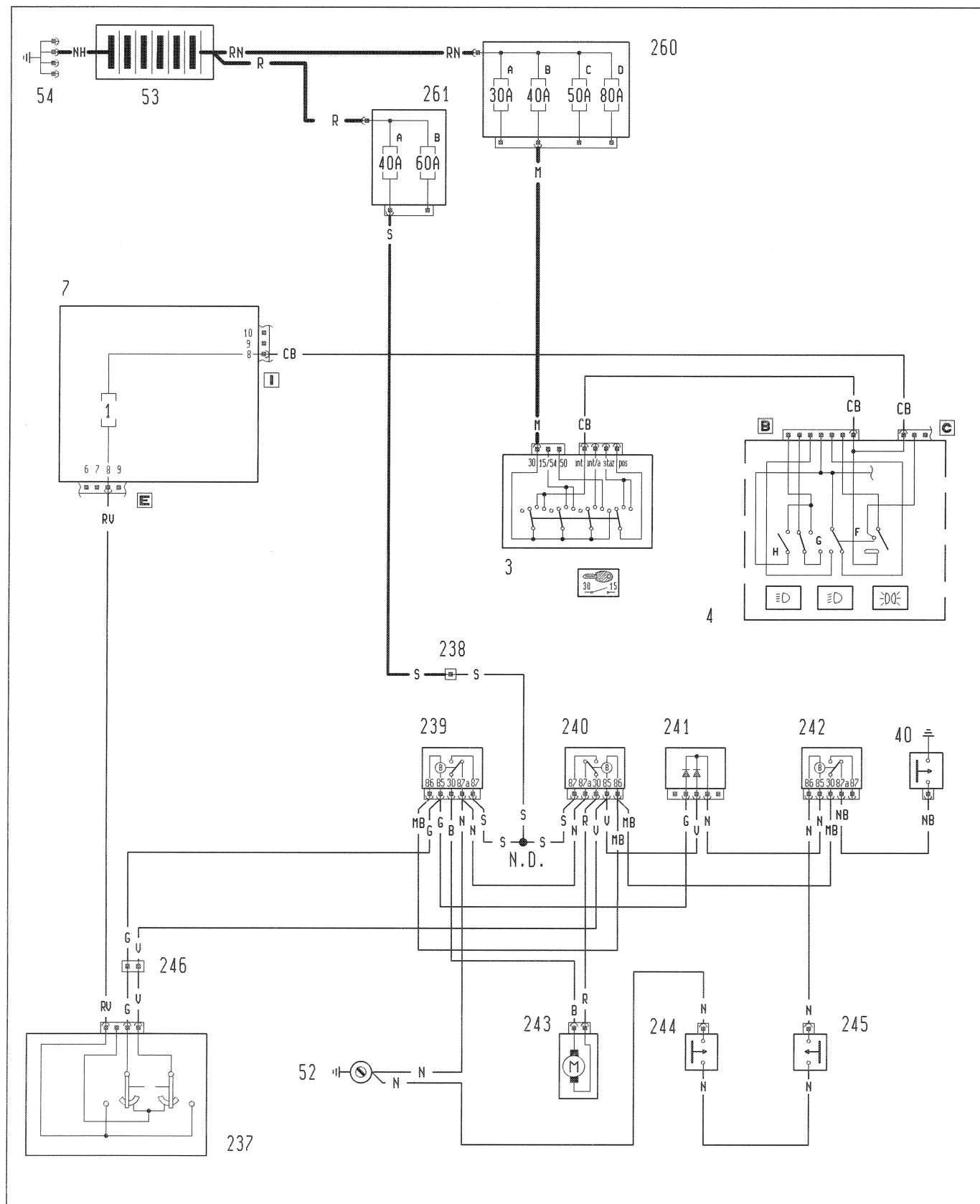


P3M071L01

55.

Version: ELX

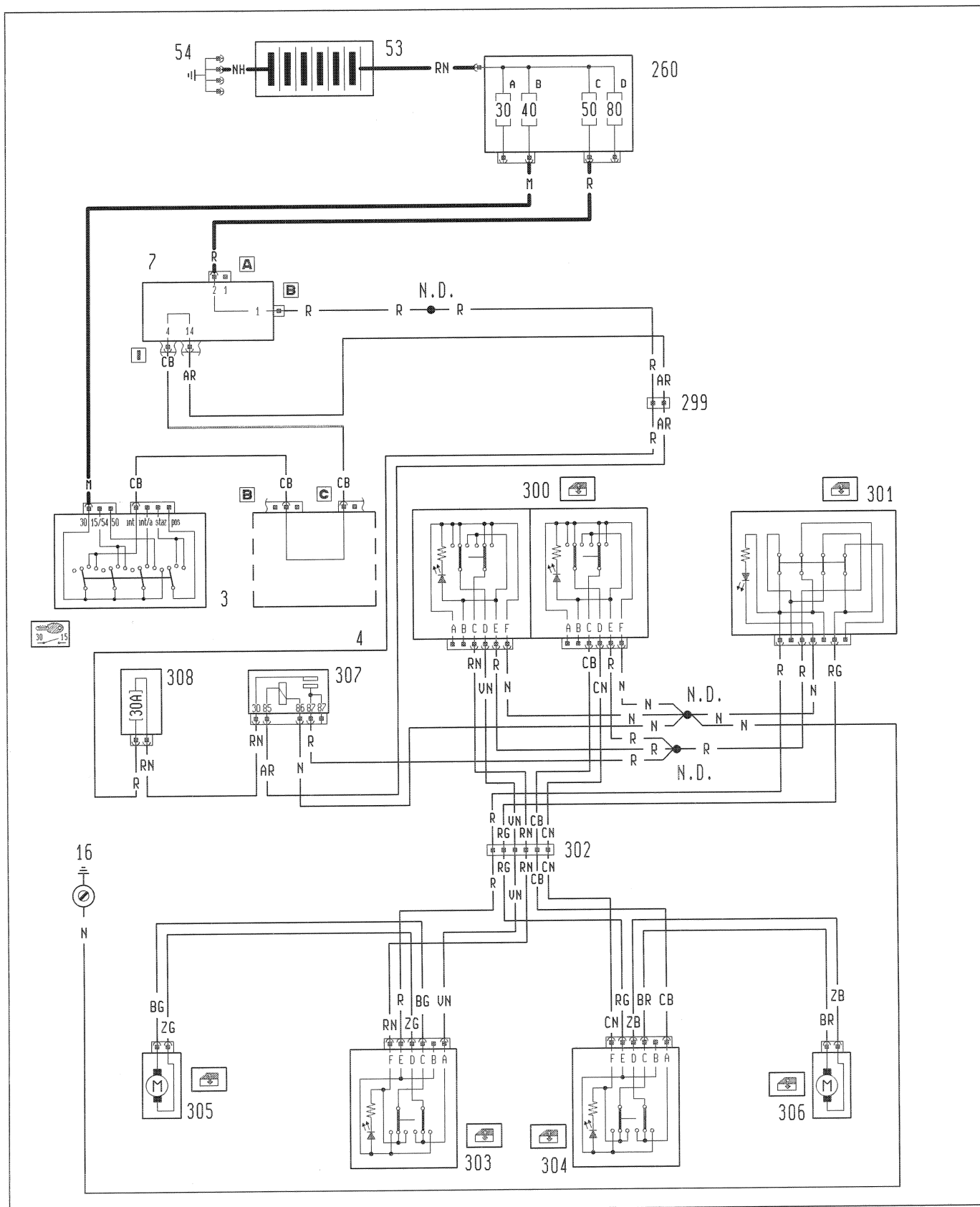
Electrically-operated hood - (see key following diagrams)



P3M081L01

Version: S

Electric rear windows - (see key following diagrams)

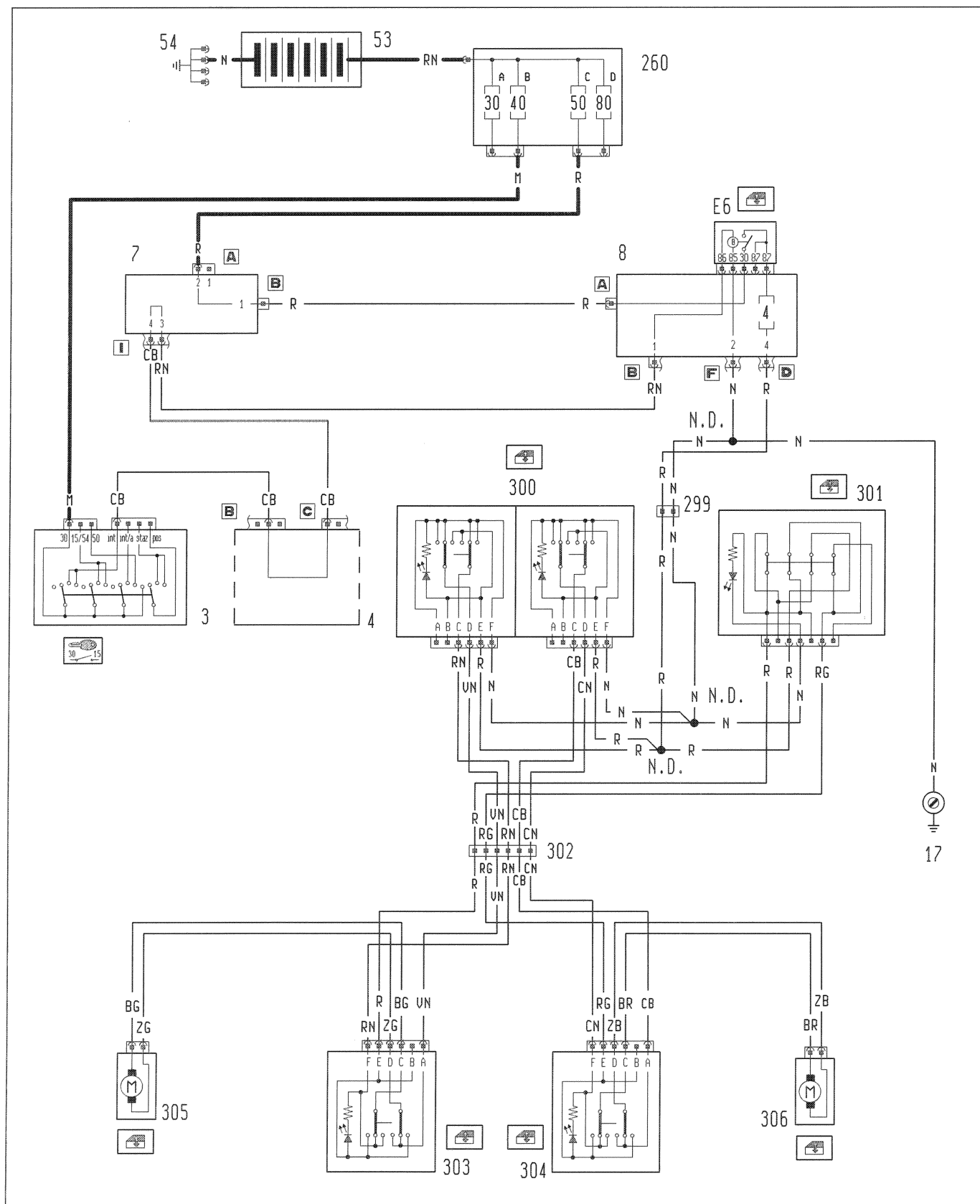


P3M09IL01

55.

Version: ELX

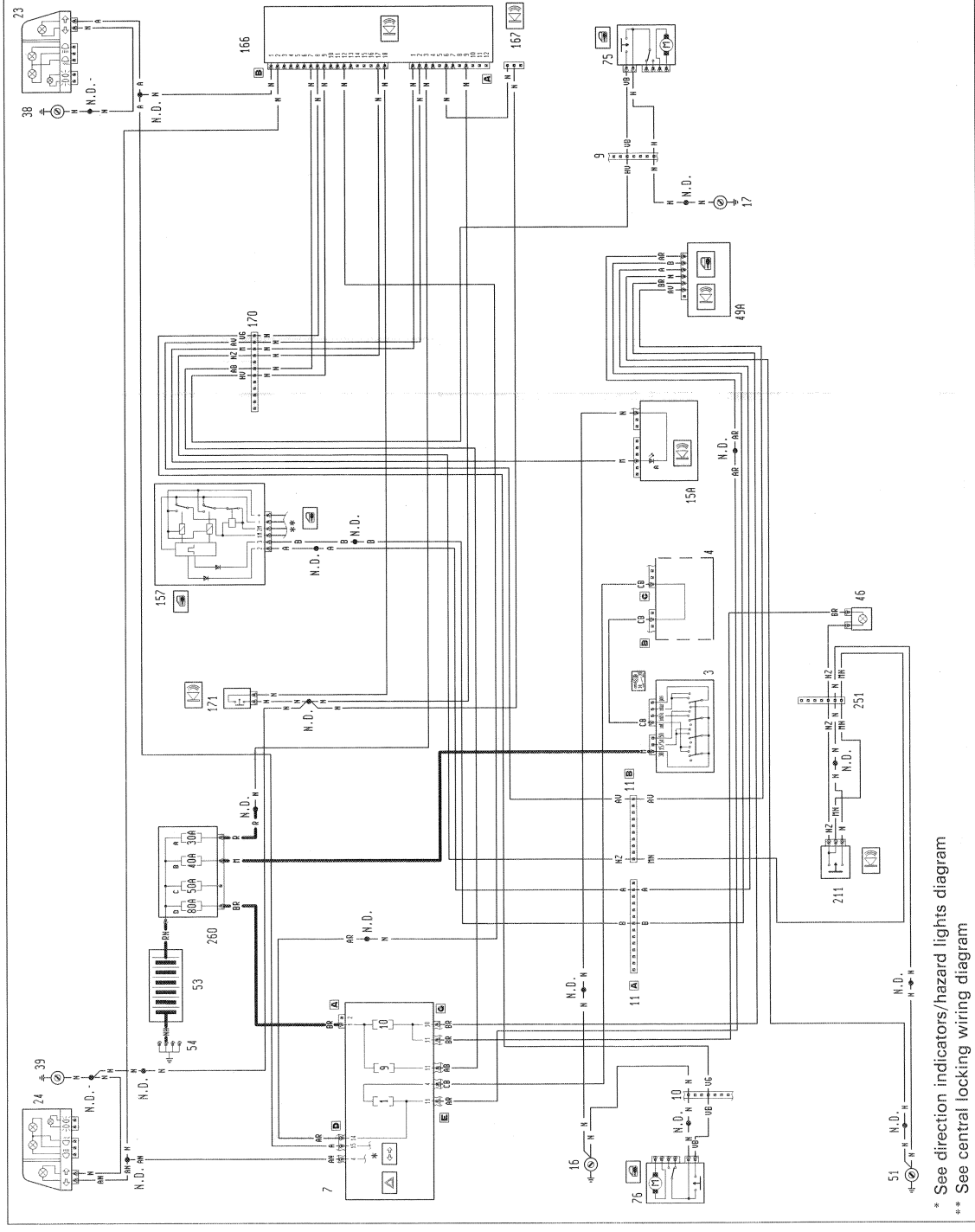
Electric rear windows - (see key following diagrams)



P3M101L01

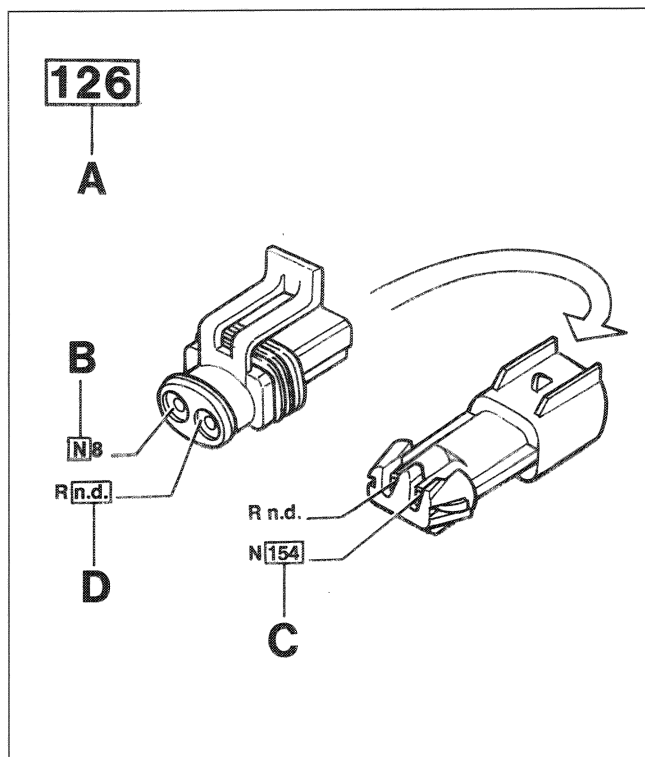
Version: S

Alarm and alarm "on" warning light - (see key following diagrams)



INTRODUCTION

Interpretation of the codes on the connector blocks



P3M02WL01

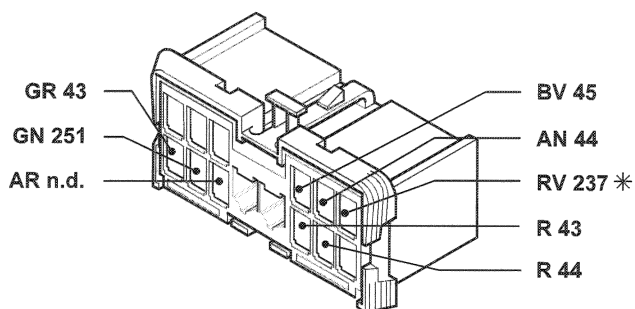
- A** Identification no. of connector block with reference to wiring diagrams
- B** Wire colour identification code (see table at bottom of page)
- C** Identification no. of destination block of cable marked with relevant code
- D** The code n.d. identifies an ultra-sound-soldered joint taped in wiring loom

Cable colour codes

A	Light blue	BG	White-Yellow	LB	Blue-White
B	White	BL	White-Blue	LG	Blue-Yellow
C	Orange	BN	White-Black	LN	Blue-Black
G	Yellow	BR	White-Red	LR	Blue-Red
H	Grey	BV	White-Green	LV	Blue-Green
L	Blue	BZ	White-Purple	MB	Brown-White
M	Brown	CA	Orange-Light blue	MN	Brown-Black
N	Black	CB	Orange-White	NZ	Black-Purple
R	Red	CN	Orange-Black	RB	Red-White
S	Pink	GN	Yellow-Black	RG	Red-Yellow
V	Green	GL	Yellow-Blue	RN	Red-Black
Z	Purple	GR	Yellow-Red	RV	Red-Green
AB	Light blue-White	GV	Yellow-Green	SN	Pink-Black
AG	Light blue-Yellow	HG	Grey-Yellow	VB	Green-White
AN	Light blue-Black	HN	Grey-Black	VN	Green-Black
AR	Light blue-Red	HR	Grey-Red	VR	Green-Red
AV	Light blue-Green	HV	Grey-Green	ZB	Purple-White

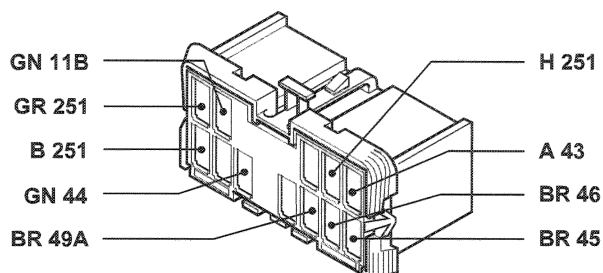
55.

7E Fuse and relay unit

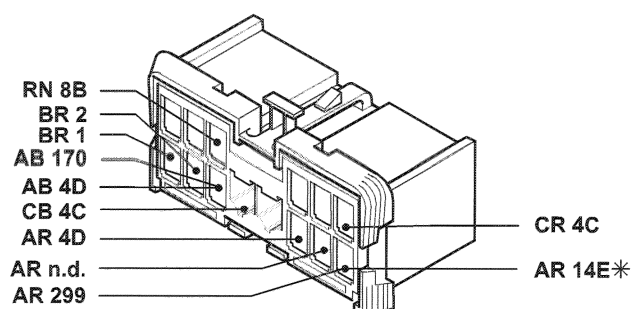


* For ELX version

7G Fuse and relay unit

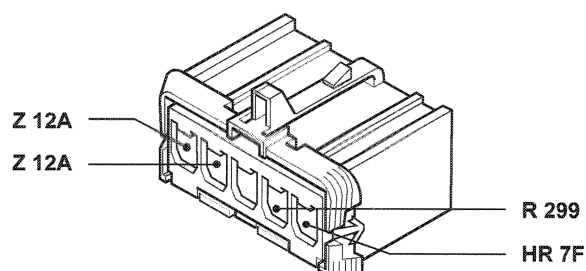


7I Fuse and relay unit

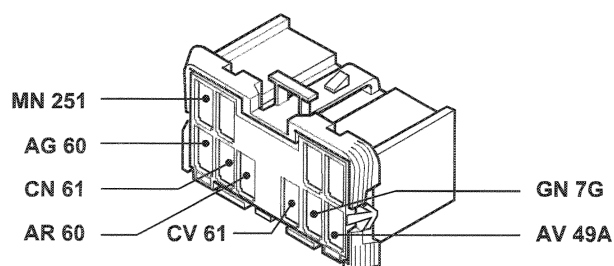


* For ELX version

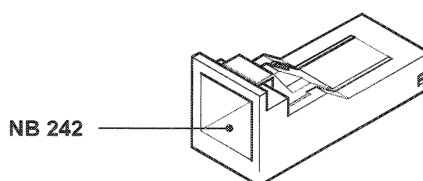
8D Optional extras control unit



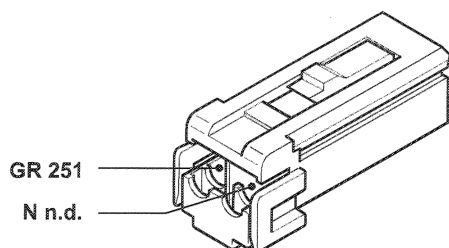
11B Dashboard cables/rear cables connection



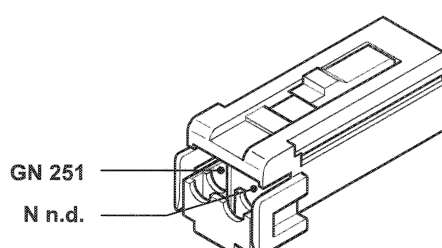
40 Handbrake on warning light switch



41 Right number plate light

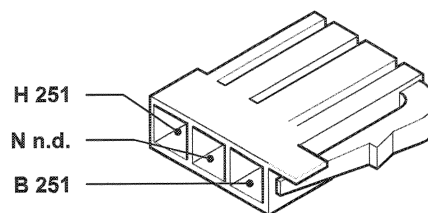
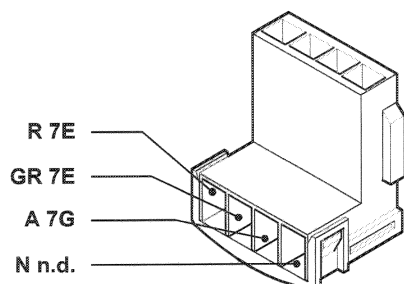


42 Left number plate light

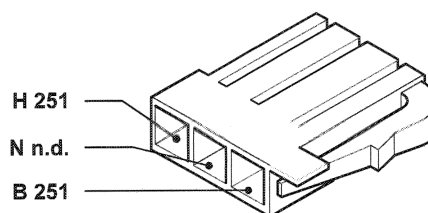
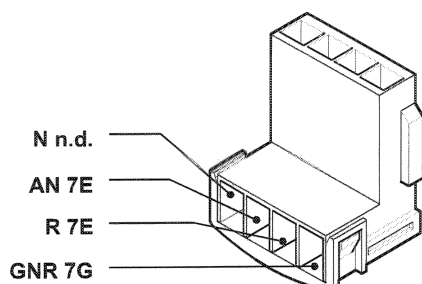


P3M14IL01

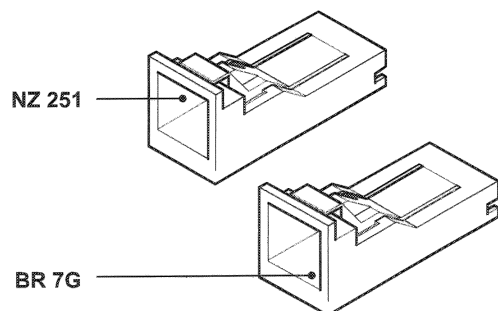
43 Rear right lights cluster



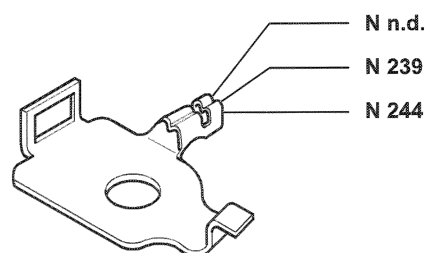
44 Rear left lights cluster



46 Luggage compartment light bulb

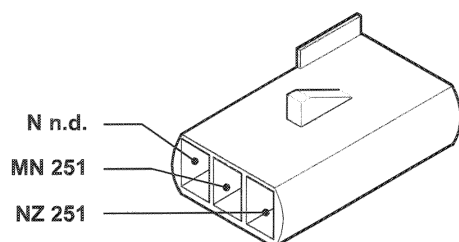


52 Rear right earth

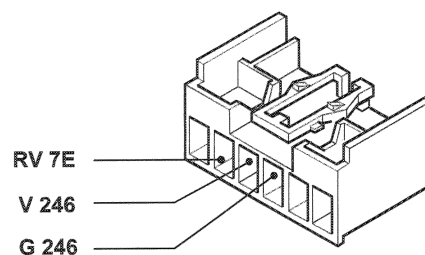


* For ELX version

211 Switch for boot light and for switching on alarm

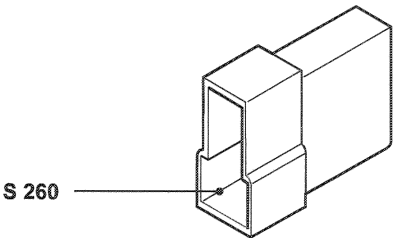
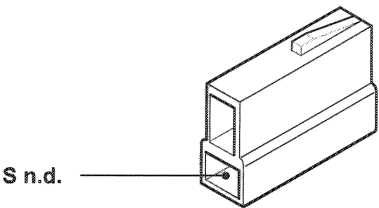


237 Electric hood switch

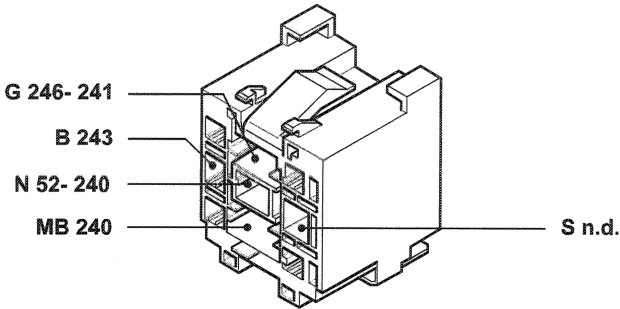


55.

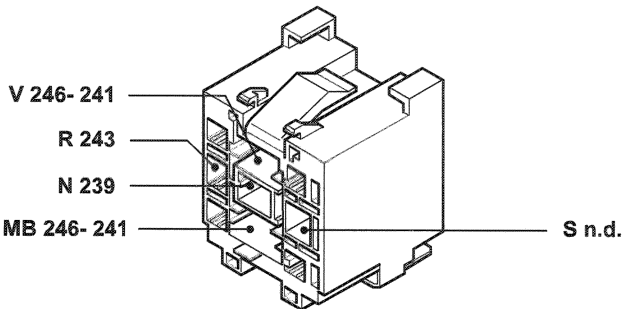
238 Connection between electric hood and electric hood supply cable



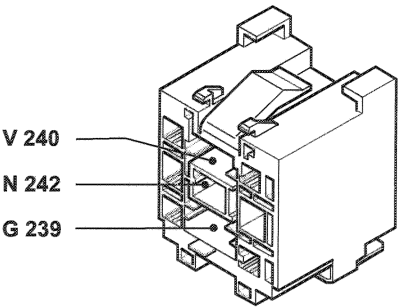
239 Electric hood relay



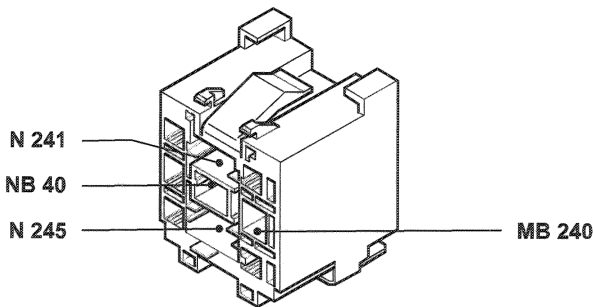
240 Electric hood relay



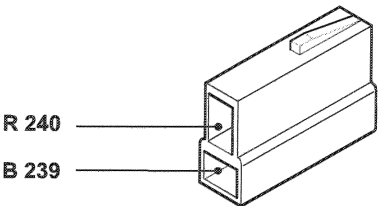
241 Electric hood safety diodes



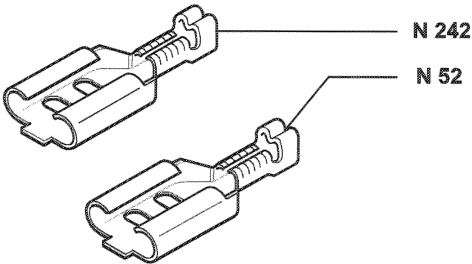
242 Electric hood safety relay



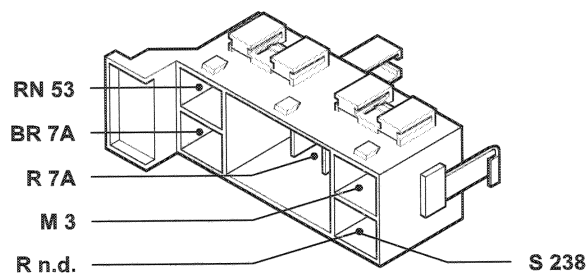
243 Electric hood drive pump motor



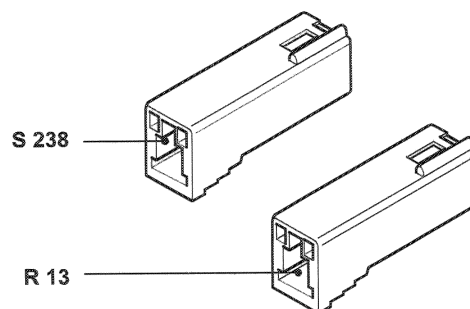
244 Hood cover safety button
245 Hood cover safety button



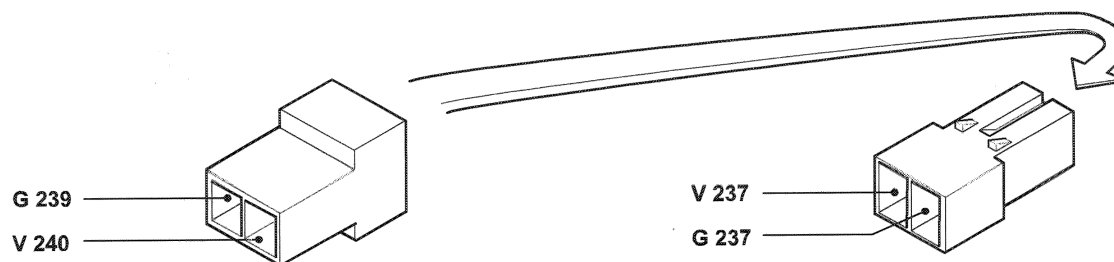
260 Maxifuse box



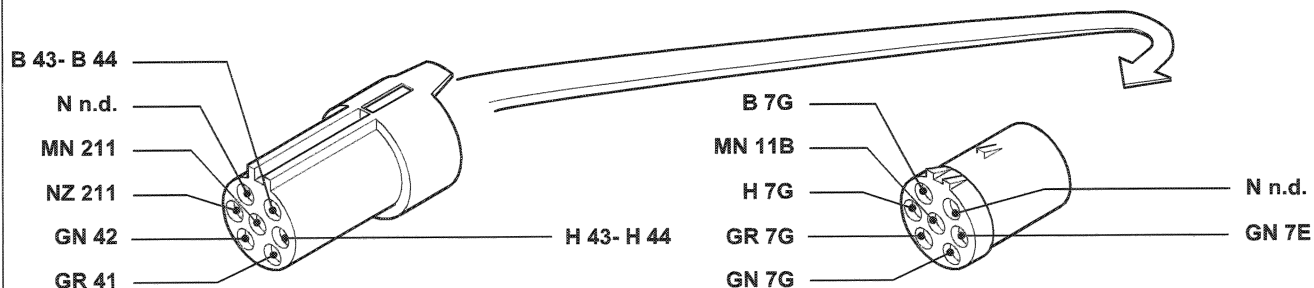
261 Optional extras maxifuse box



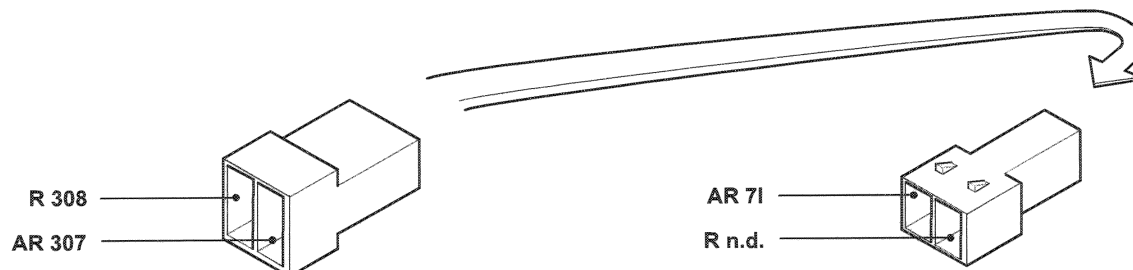
246 Connection between electric hood cables and rear cables



251 Connection between rear cables and boot lid cables

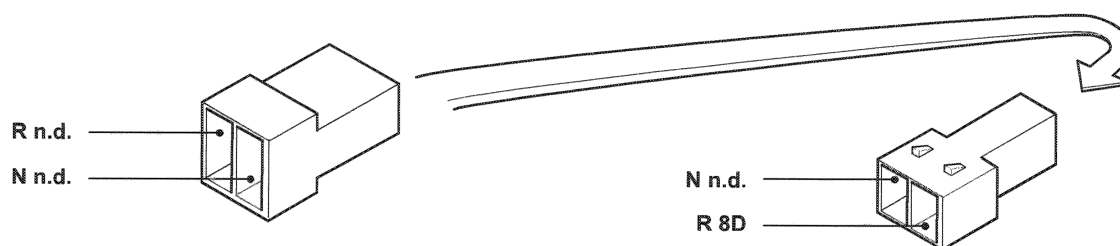


299 Connection between dashboard cables/electric rear windows cable (S)

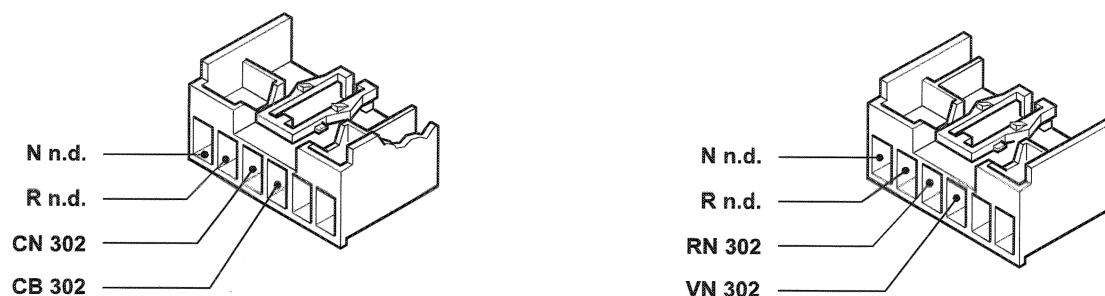


55.

299 Connection between dashboard cables/rear electric windows cable



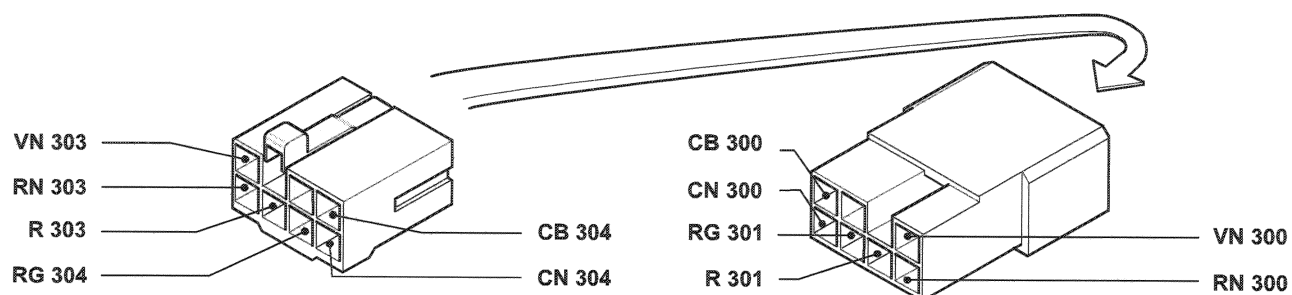
300 Pushbutton unit controlling electric rear windows on central console



301 Pushbutton unit inhibiting electric rear windows on central console

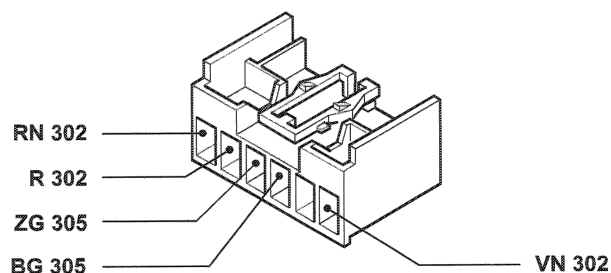


302 Connection between dashboard/rear cables

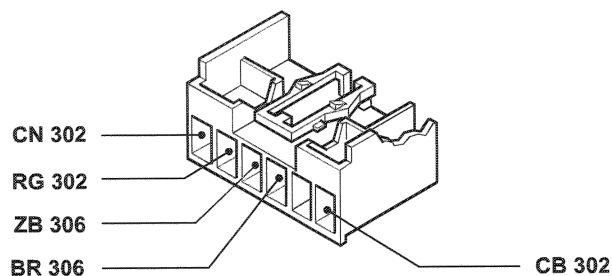


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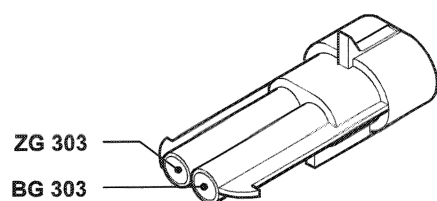
303 Button controlling left rear electric windows on gearlever console



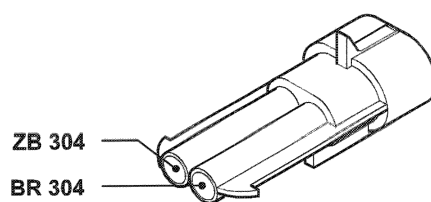
304 Button controlling rear right electric window on gearlever console



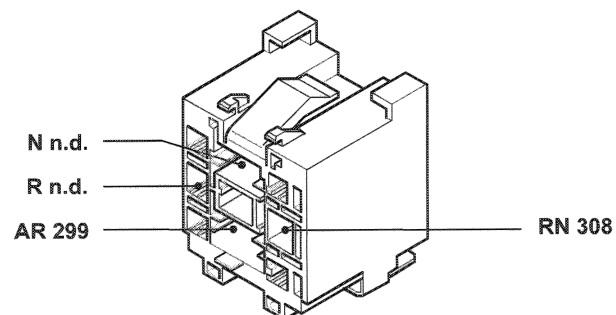
305 Rear left window motor



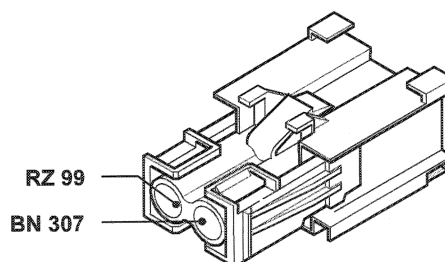
306 Rear right window motor



307 Electric rear windows relay



308 30A fuse protecting electric rear windows



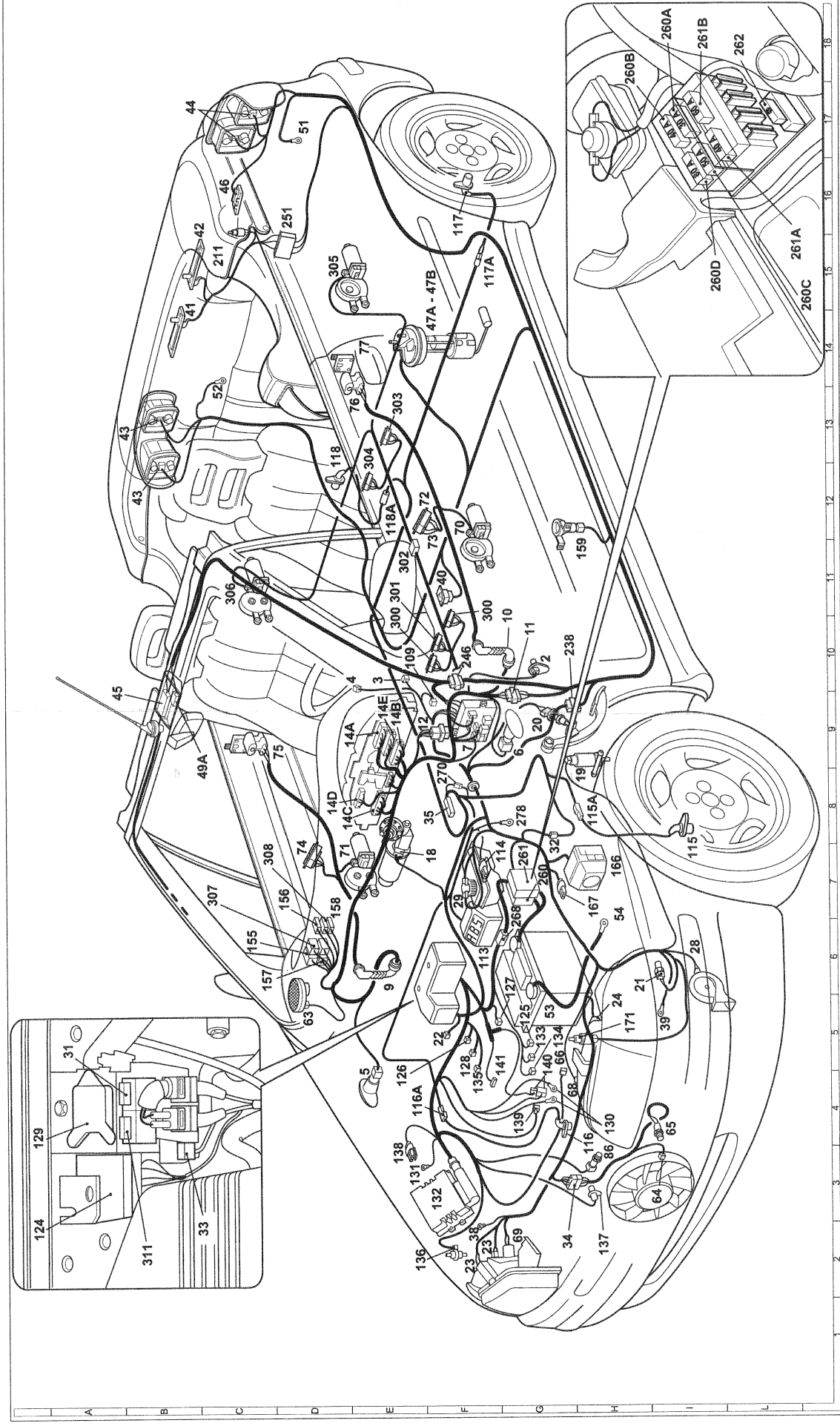
Electrical system

Perspective views

55.

Model: 1242 SPL

Full perspective view of location of wiring looms and components - (See key following diagrams with relevant coordinates referring to the components)

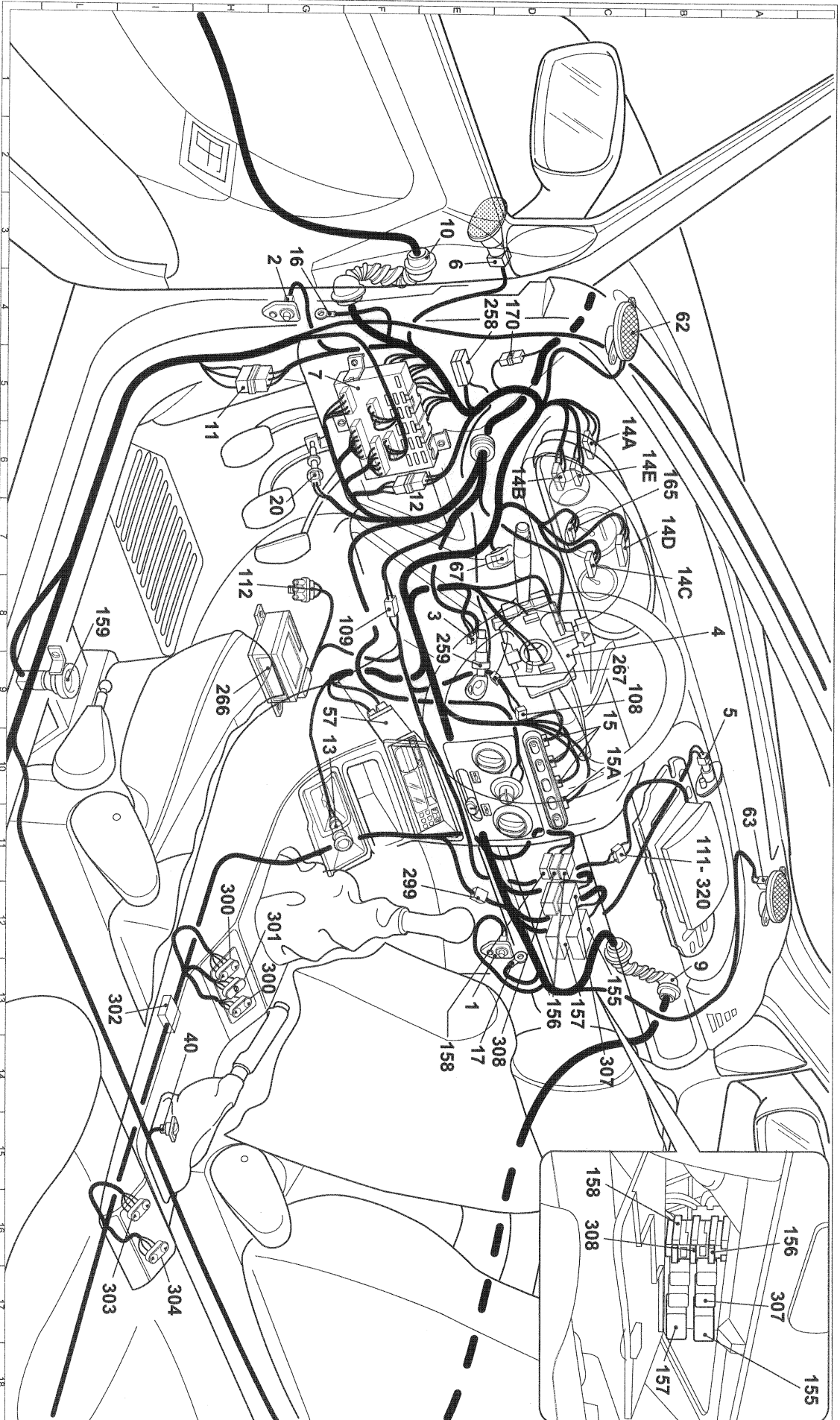


Electrical system **Viste prospettiche**

55.

Punto Cabrio  **1242i SPI**
 '96 update

Model: 1242 SPI
 Full perspective view of location of wiring loom and components - (See key following diagrams with coordinates relating to the components)



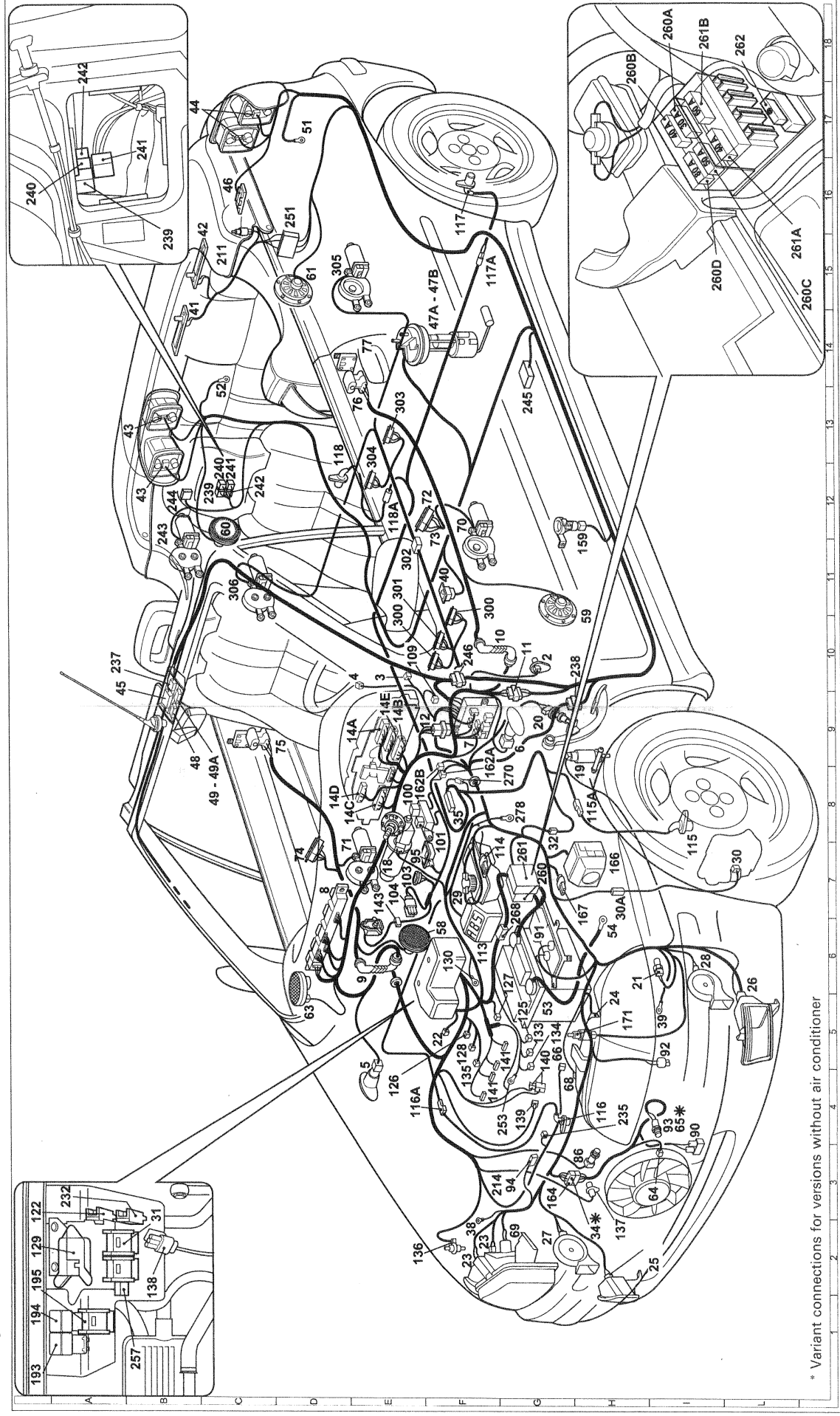
Electrical system

Perspective views

55

Model: 1581 MPI

Full perspective view of location of wiring looms and components - (See key following diagrams with relevant coordinates relating to the components)



* Variant connections for versions without air conditioner

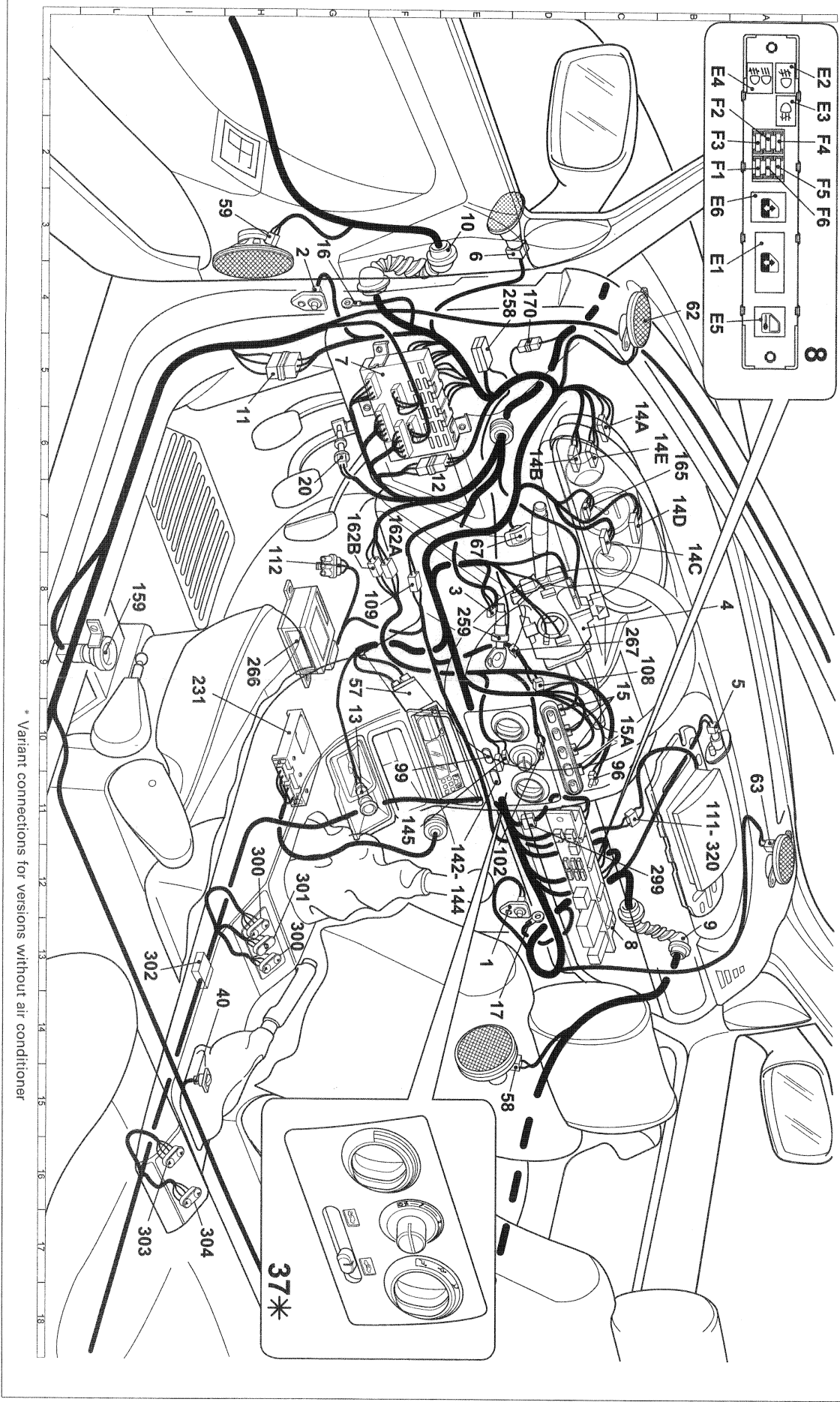
Electrical system

Perspective views

Punto Cabrio  MPI
'96 update

55.

Model: 1581 MPI
Full perspective view of dashboard with location of wiring loom and components - (See key following diagrams with co-ordinates relating to the components)



* Variant connections for versions without air conditioner

Key to components:

- 1 Front right button controlling courtesy light and door open indicator (D12*)
- 2 Front left button controlling courtesy light and door open indicator (G4*) (G10**)
- 3 Ignition switch (E8*) (E10**)
- 4 Stalk unit (D9*) (E10**):
 - A Direction indicators stalk
 - B Horn button
 - C Hazard lights switch
 - D Direction indicators/hazard lights timer
 - E Hazard warning lights warning lamp
 - F Side lights/dipped beam head lamps stalk
 - G Dipped beam/main beam headlamps stalk
 - H Main beam headlamps button
 - N Volume increase button (on steering wheel)
 - O Volume decrease button (on steering wheel)
 - P Programme selection button (on steering wheel)
 - Q Band selection button (on steering wheel)
- 5 Front right side repeater (B10*) (E5**)
- 6 Front left side repeater (D3*) (G9**)
- 7 Fuse and relay unit (F5*) (F9**)
- 8 Optional extras control unit (C12*):
 - E2 Front fog lamp relay
 - E3 Relay controlling rear fog lamps with front fog lamps on
 - E4 Relay controlling dipped beam headlamps/headlamp adjuster
 - E5 Central door locking control unit
 - E6 Power relay (sunroof)/electric rear windows
- 9 Connection between dashboard/passenger door cables (C12*) (E6**)
- 10 Connection between dashboard/driver's door cables (E3*) (G10**)
- 11 Connection between dashboard cables/rear cables (H5*) (G9**)
- 12 Connection between dashboard cables/front cables (F6*) (F9**)
- 13 Cigarette lighter (G11*)
- 14 Instrument panel (C7*) (E9**):
 - A Check-panel module
 - A1 Stop lights fault warning light
 - H Direction indicators warning light
 - R Door open warning light
 - T Side lights warning light
 - T1 Symbol illumination bulbs
 - U Main beam headlamps warning light
- 15 Switches controls unit (D10*):
 - A Heated rear window switch
 - B Heated rear window on warning light
 - C Switches controls unit symbols illumination
 - D Rear fog lamps warning light
 - E Rear fog lamps switch
 - F Front fog lamps warning light
 - G Front fog lamps switch
- 15A Switches controls unit (D10*):
 - A LED indicating fault in switching on alarm system (D11*)
- 16 Left dashboard earth (G4*)
- 17 Right dashboard earth (D12*)
- 20 Stop lights switch (G6*) (G9**)
- 21 Reversing lights switch (I6**)
- 23 Front right lights cluster (F2**)
- 24 Front left lights cluster (H5**)
- 25 Right fog lamp (H2**)
- 26 Left fog lamp (L5**)
- 38 Front right earth (F2**)
- 39 Front left earth (I5**)
- 40 Handbrake on warning light switch (I15*) (F11**)
- 41 Right number plate light (B14**)
- 42 Left number plate light (B15**)
- 43 Rear right lights cluster (B13**)
- 44 Rear left lights cluster (C17**)
- 45 Car interior courtesy light (B10*)
- 46 Luggage compartment light bulb (C16**)
- 49A Alarm system remote control receiver (B10**)
- 51 Rear left earth (D17**)
- 52 Rear right earth (C14**)
- 53 Battery (G6**)
- 54 Battery earth (H6**)
- 57 Car radio (F9*)
- 58 Loudspeaker on front right door (E14*)
- 59 Loudspeaker on front left door (H3*)
- 60 Rear right loudspeaker (B12**)
- 61 Rear left loudspeaker (C17**)
- 62 Front left loudspeaker (C4*)
- 63 Front right speaker (A12*) (D5**)

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- 75 Front right door locking motor and door open indicator (C9**)
- 76 Front left door locking motor and door open indicator (E13**)
- 157 Central door locking electronic control unit (D12*) (D6**)
- 166 Alarm electronic control unit (H7**)
- 167 Diagnostic socket for alarm system (G7**)
- 170 Alarm cables connection (D5*)
- 171 Button on bonnet for switching on alarm (H5**)
- 211 Switch for boot light and for switching on alarm system (C16**)
- 237 Electric hood switch
- 238 Connection between electric hood and electric hood supply cable
- 239 Electric hood relay
- 240 Electric hood relay
- 241 Safety diodes for electric hood system
- 242 Safety relay for electric hood system
- 243 Electric hood motor
- 244 Right safety button for hood cover
- 245 Left safety button for hood cover
- 246 Connection between electric hood cables and rear cables
- 251 Connection between rear cables and boot cables
- 260 Maxifuse box (G7**):
 - A 30A fuse protecting fuel injection
 - B 40A fuse protecting ignition
 - C 50A fuse protecting additional devices system
 - D 80A fuse protecting fuse and relay unit
- 261 Optional extras maxifuse box (G7**):
 - A 40A fuse for additional protection of engine cooling system
 - B 60A fuse protecting A.B.S.

- 299 Dashboard cables/rear electric cables connection (E11*)
- 300 Pushbutton unit controlling electric rear windows on central console (F10**) (H13*)
- 301 Pushbutton unit inhibiting rear electric windows on central console (F10**) (H13*)
- 302 Dashboard/rear cable connection (F11**) (J13*)
- 303 Left electric rear windows button on gear lever console (E13**) (I16*)
- 304 Right electric rear windows button on gear lever console (E12**) (I16*)
- 305 Rear left electric window motor (E15**)
- 306 Rear right electric window motor (C11**)
- 307 Rear electric windows relay (D6**) (D12*)
- 308 30A fuse protecting rear electric windows (D6**) (D12*)

N.D. Ultrasound-soldered joint taped in wiring loom

Cable colour codes

A Light blue	GN Yellow-Black
B White	GL Yellow-Blue
C Orange	GR Yellow-Red
G Yellow	GV Yellow-Green
H Grey	HG Grey-Yellow
L Blue	HN Grey-Black
M Brown	HR Grey-Red
N Black	HV Grey-Green
R Red	LB Blue-White
S Pink	LG Blue-Yellow
V Green	LN Blue-Black
Z Purple	LR Blue-Red
AB Light blue-White	LV Blue-Green
AG Light blue-Yellow	MB Brown-White
AN Light blue-Black	MN Brown-Black
AR Light blue-Red	NZ Black-Purple
AV Light blue-Purple	RB Red-White
BG White-Yellow	RG Red-Yellow
BL White-Blue	RN Red-Black
BN White-Black	RV Red-Green
BR White-Red	SN Pink-Black
BV White-Green	VB Green-White
BZ White-Purple	VN Green-Black
CA Orange-Light blue	VR Green-Red
CB Orange-White	ZB Purple-White
CN Orange-Black	

* Coordinates of components present in the full perspective view of the dashboard on pages 22 and 24 (see relevant engine)

** Coordinates of components present in the full perspective views on pages 21 and 23 (see relevant engine)