

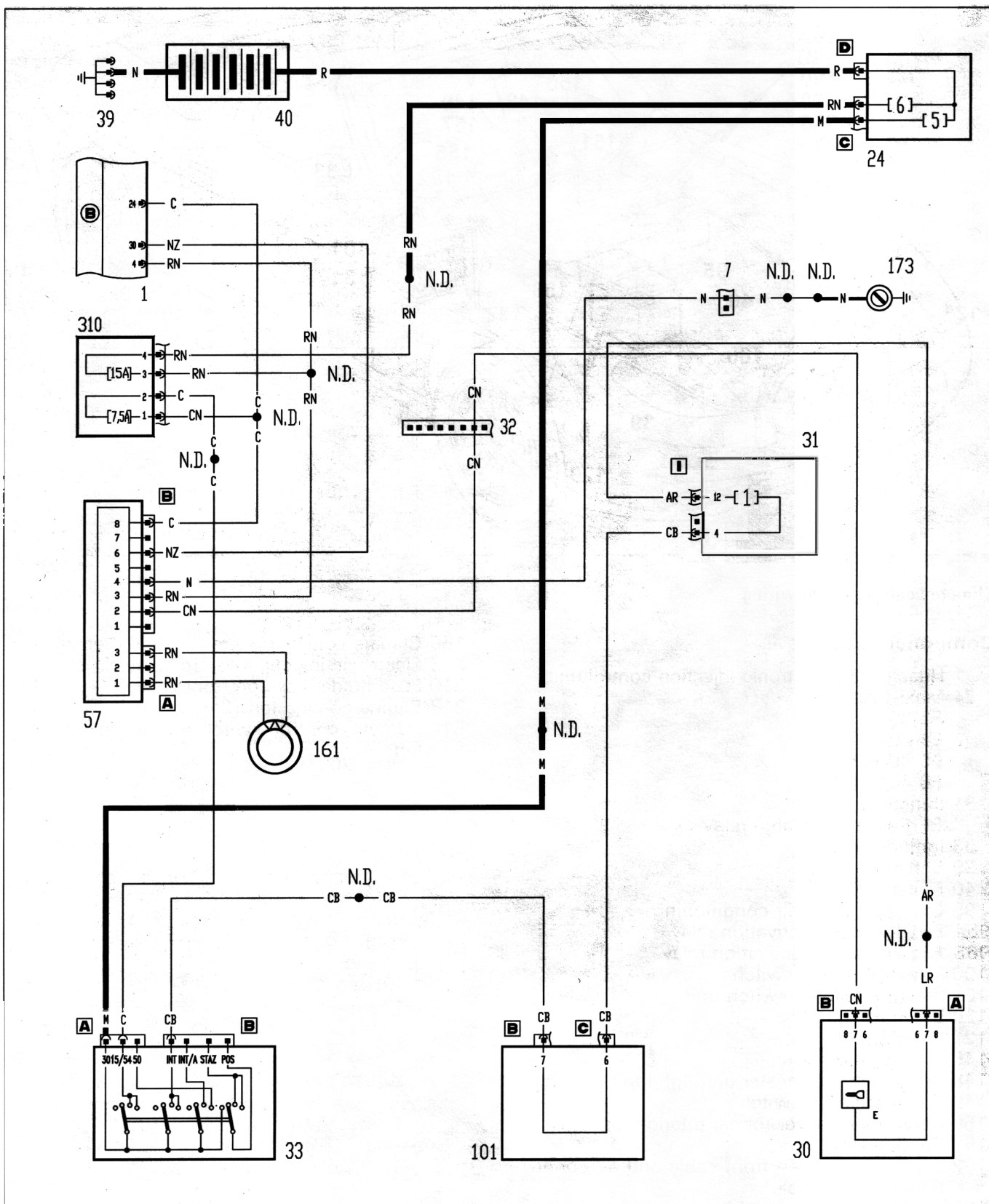
## Climate control system wiring

### Component key

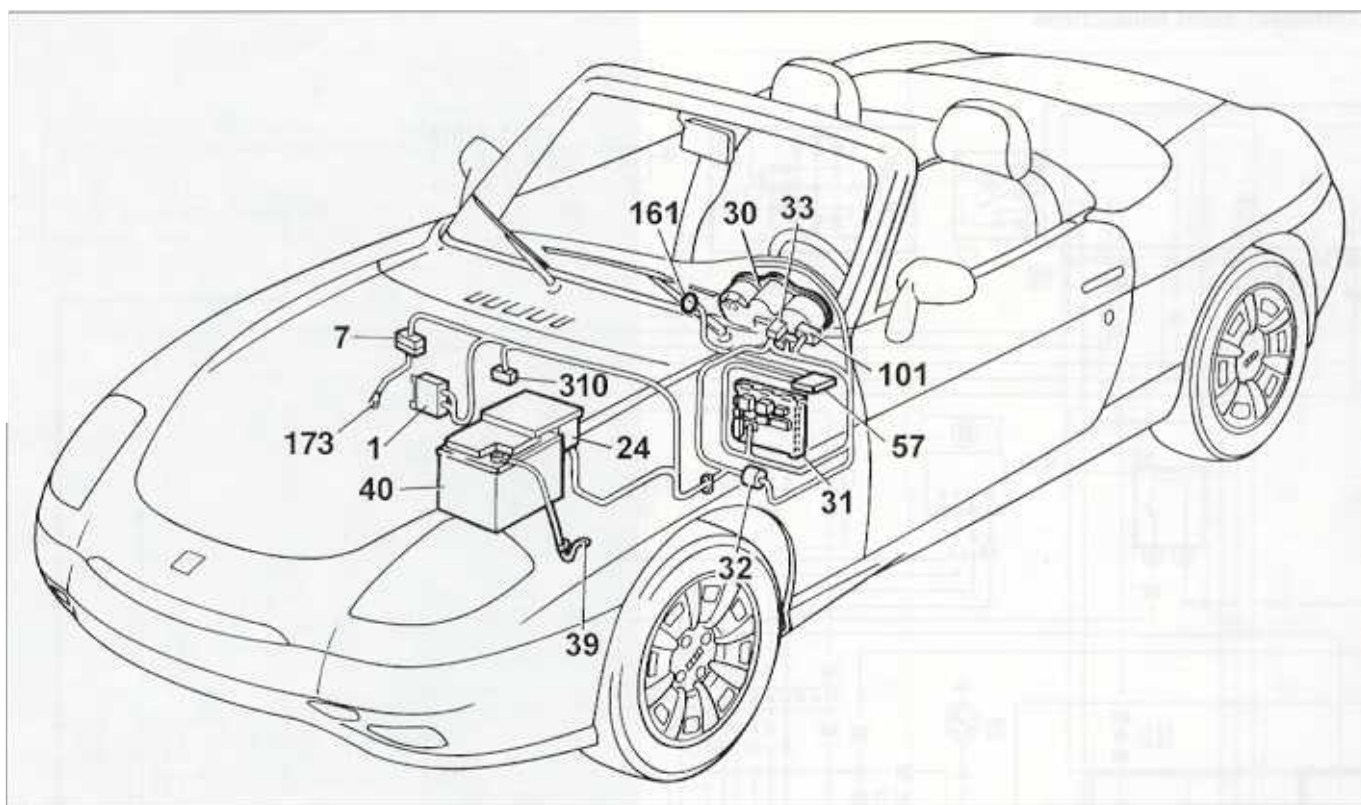
- |   |  |
|---|--|
| 1 Hitachi MPI electronic injection control unit                   | 308 Electronic injection control relay           |
| 24 Maxi-fuse box  | 310 Fuse holder base on front cable              |
| F1 30A  | 313 Engine cooling fan (2nd speed)               |
| F4 60A  | 314 Remote control switch for engine cooling fan |
| F5 30A  |  |
| F6 40A  |  |
| 31 Junction unit  |  |
| E1 Switch discharge relay   |  |
| 33 Ignition switch  |  |
| 39 Battery earth  |  |
| 40 Battery  |  |
| 95 Compressor for air conditioning                                |  |
| 96A Fan 1st speed activation relay                                |  |
| 96B Fan 2nd speed activation relay                                |  |
| 100 3-level pressure switch                                       |  |
| 101 Steering column switch unit                                   |  |
| 120 Left front earth  |  |
| 121 Right front earth   |  |
| 145 Engine cooling fan  |  |
| 148 Air conditioner/heater unit lighting                          |  |
| 149 Car interior fan switch                                       |  |
| 150 Additional resistor for car interior fan                      |  |
| 151 Car interior fan  |  |
| 152 Junction between front cable and air conditioner/heater cable |  |
| 153 Junction between cable and air conditioner cable              |  |
| 155 Car interior fan activation relay                             |  |
| 157 Switch panel  |  |

### 55.

Fiat CODE



3W030EL01



3W031EL01

## Fiat code wiring

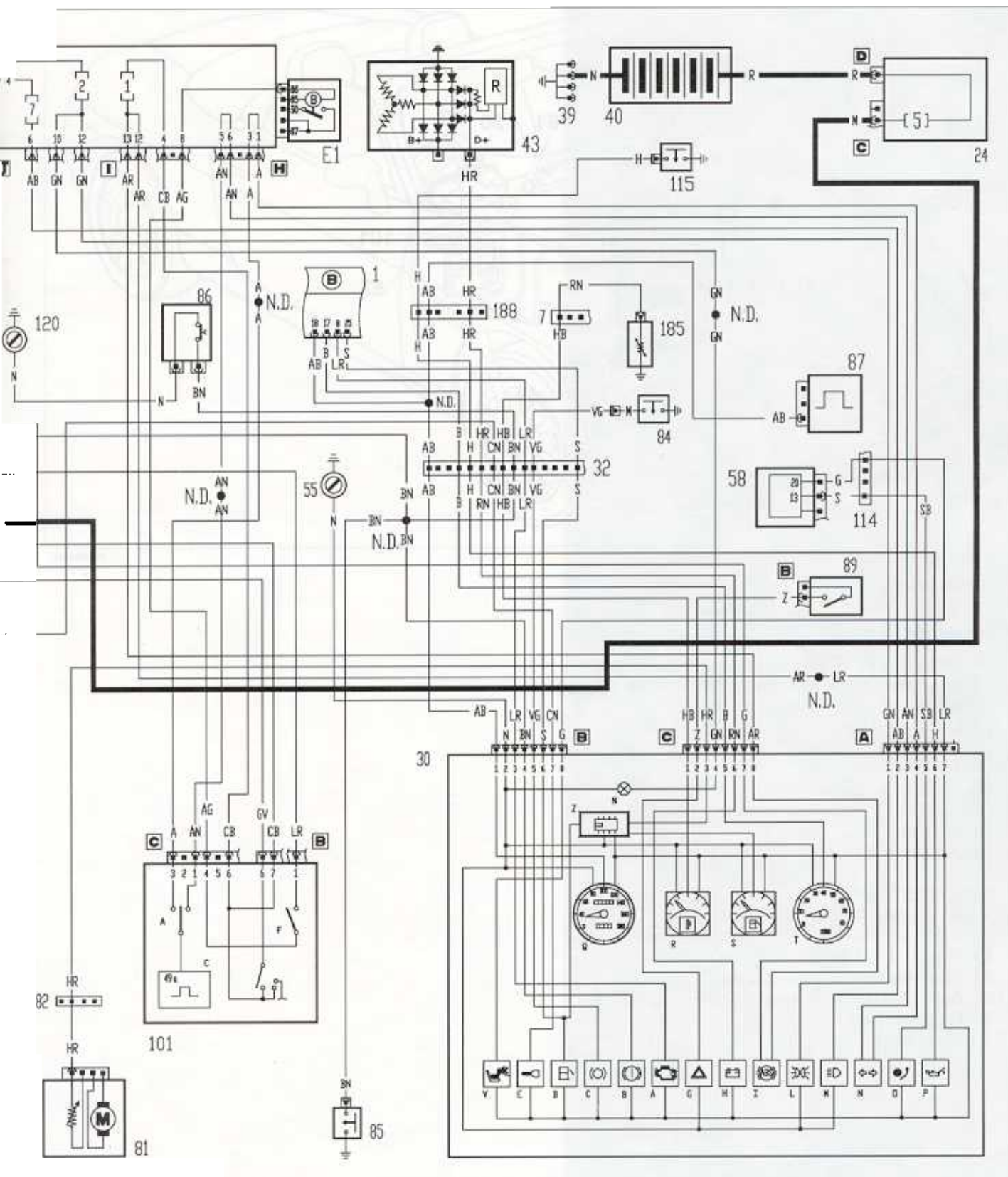
### Component key

- I Hitachi MPI electronic injection control unit
- 7 Junction between front cable and engine cable
- 24 Maxi-fuse box
  - F5 30A
  - F6 40A
- 30 Instrument panel
  - E Fiat Code failure warning light
- 31 Junction unit
- 32 Junction between dashboard and front cables
- 33 Ignition switch
- 39 Battery earth
- 40 Battery
- 57 Fiat CODE control unit
- 101 Steering column switch unit
- 161 Aerial on ignition switch for Fiat CODE
- 173 Earth on engine
- 310 Fuse holder base on front cable



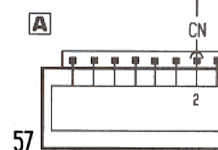
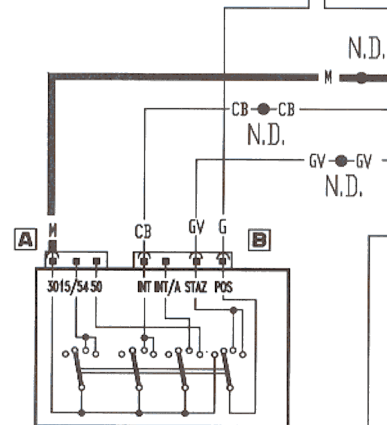
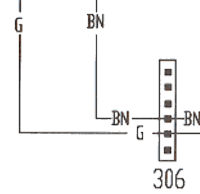
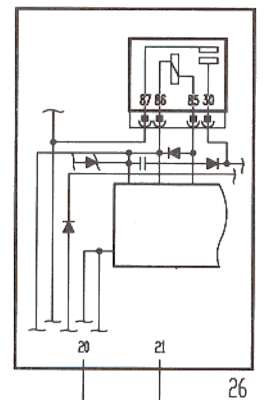
### 55.

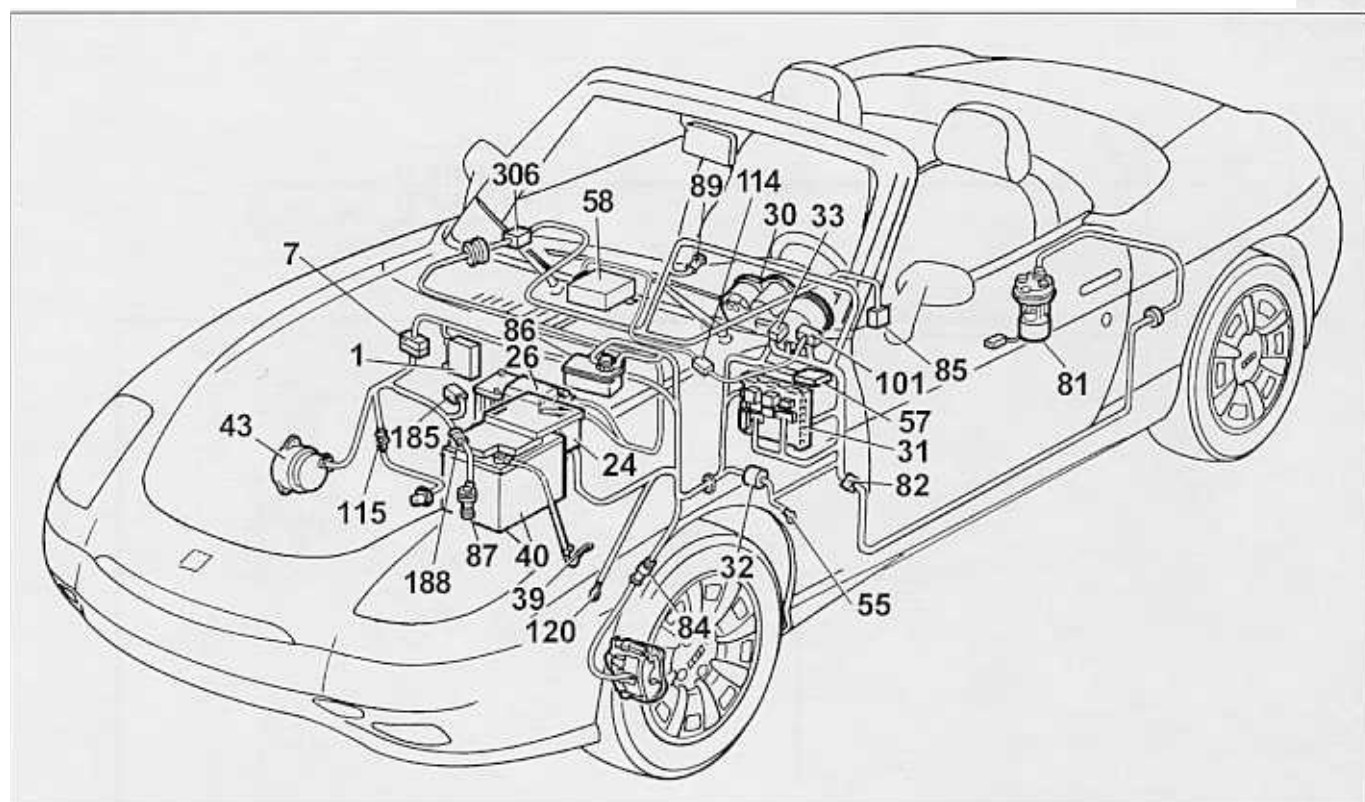
#### Instrument panel connections



3W032EL01







### Instrument panel connection wiring

#### Component key

- |  |   |
|--|---|
| 1 Hitachi MPI electronic injection control unit                      | 32 Junction between facia cable and front cable         |
| 7 Junction between front lead and engine lead                        | 33 Ignition switch                                      |
| 24 Maxi-fuse box   | 39 Battery earth  |
| F5 30A   | 40 Battery  |
| 26 ABS hydraulic unit control unit                                   | 43 Alternator   |
| 30 Instrument panel  | 55 Left facia earth                                     |
| A EOBD injection system failure warning light                        | 57 Fiat CODE control unit                               |
| B Handbrake applied and insufficient brake fluid level warning light | 58 Electronic control unit for airbag and pretensioners |
| C Brake pad wear warning light                                       | 81 Fuel pump unit                                       |
| D Fuel reserve warning light   | 82 Junction between facia lead and rear lead            |
| E Fiat-CODE failure warning light                                    | 84 Brake pad wear sensor                                |
| G Hazard warning light warning light                                 | 85 Switch indicating handbrake applied                  |
| H Low battery recharging warning light                               | 86 Insufficient brake fluid level sensor                |
| I ABS failure warning light  | 87 Speed sensor   |
| L Side light warning light   | 89 Hazard warning light switch                          |
| M Dipped headlamps warning light                                     | 101 Steering column switch unit                         |
| N Side light warning light   | 114 Junction between facia cable and airbag             |
| O Airbag system failure warning light                                | 115 Engine oil pressure sensor                          |
| P Low engine oil pressure warning light                              | 120 Left front earth                                    |
| Q Speedometer  | 185 Double coolant temperature sensor                   |
| R Engine coolant temperature gauge                                   | 188 Battery + services lead junction                    |
| S Fuel level gauge   | 306 Junction between facia lead and ABS                 |
| T Rev counter  |   |
| Z Electronic module for displaying fuel level/reserve                |   |
| 31 Junction unit   |   |
| E1 Switch discharge relay  |   |

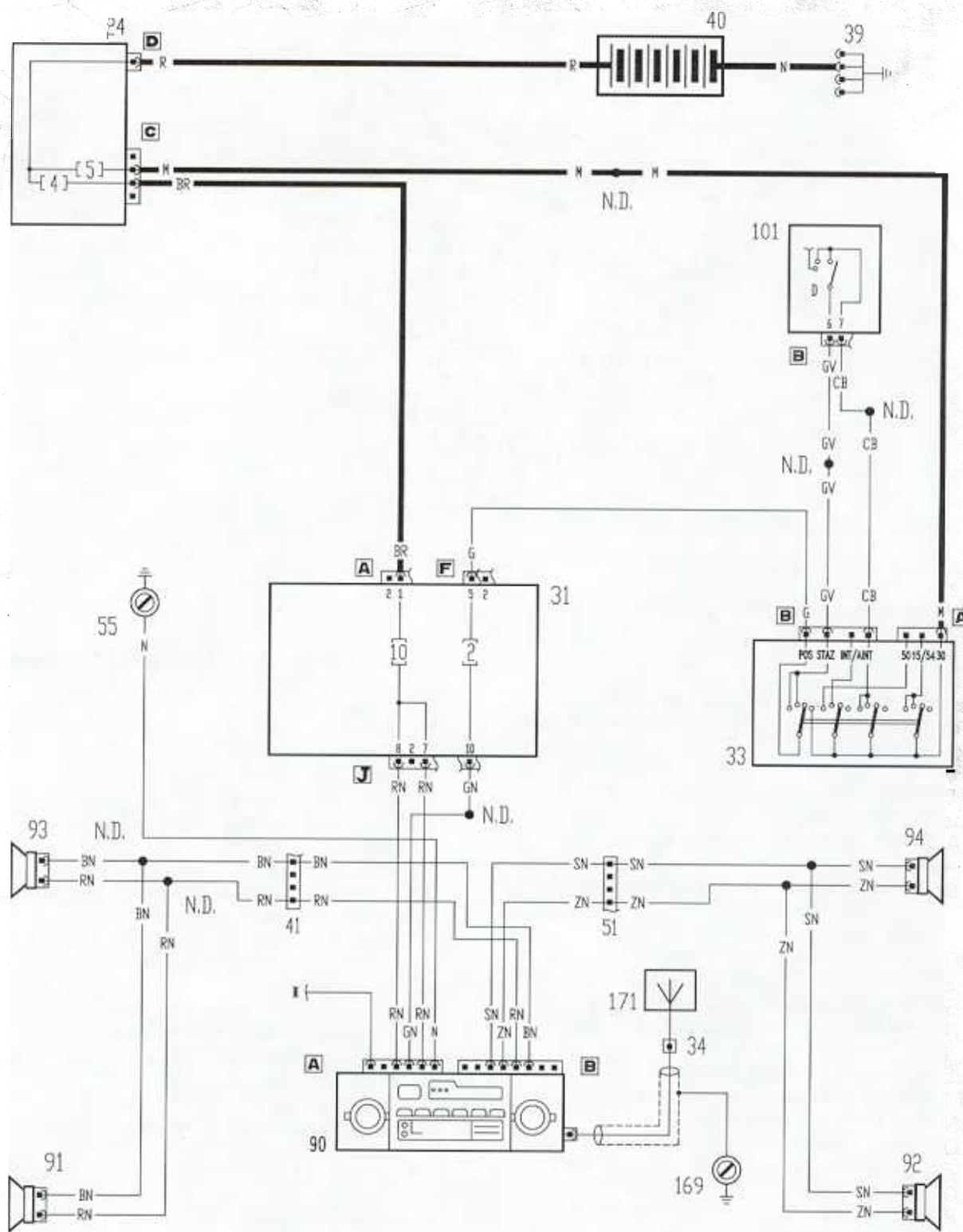
## Wiring diagrams

## ***Fiat barchetta***

**2000 range**

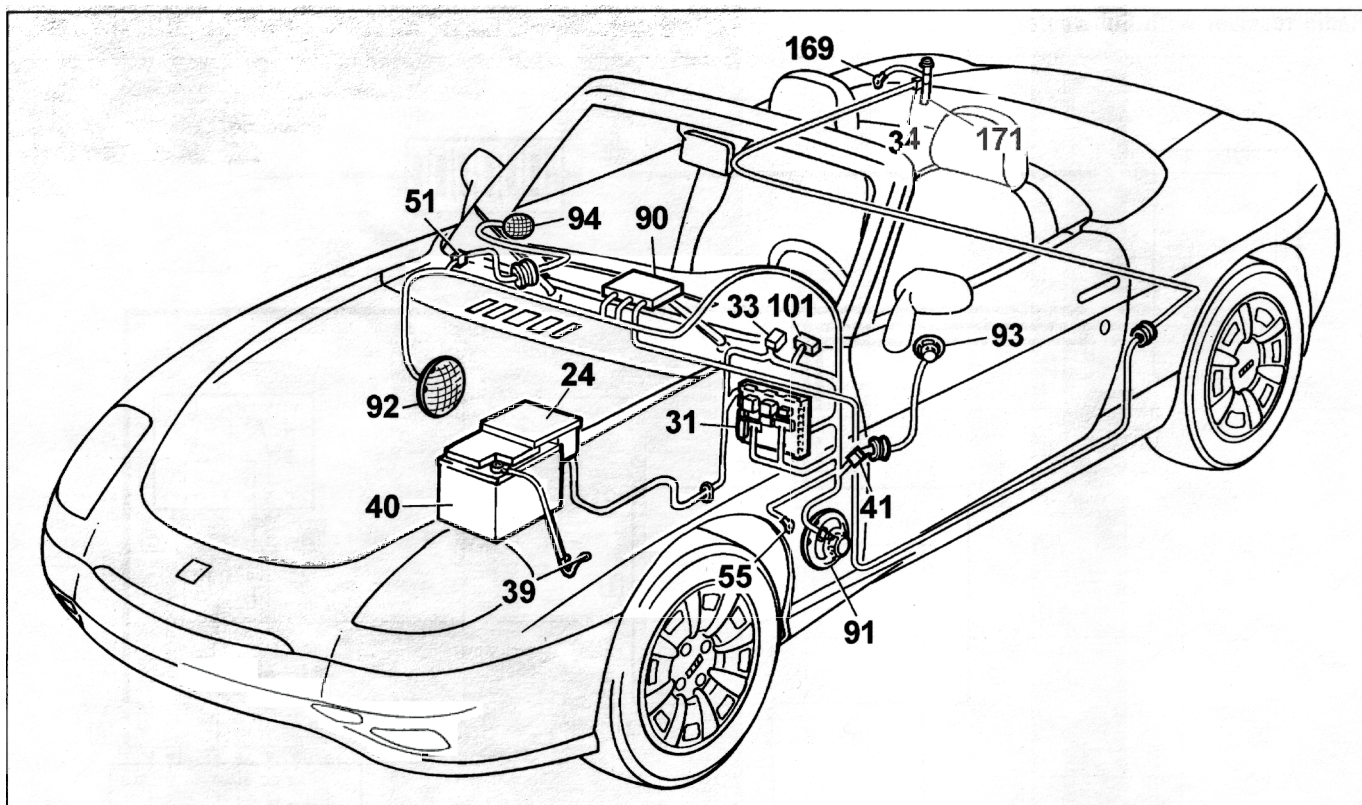
**55.**

### Radio receiver



**3W034EL01**





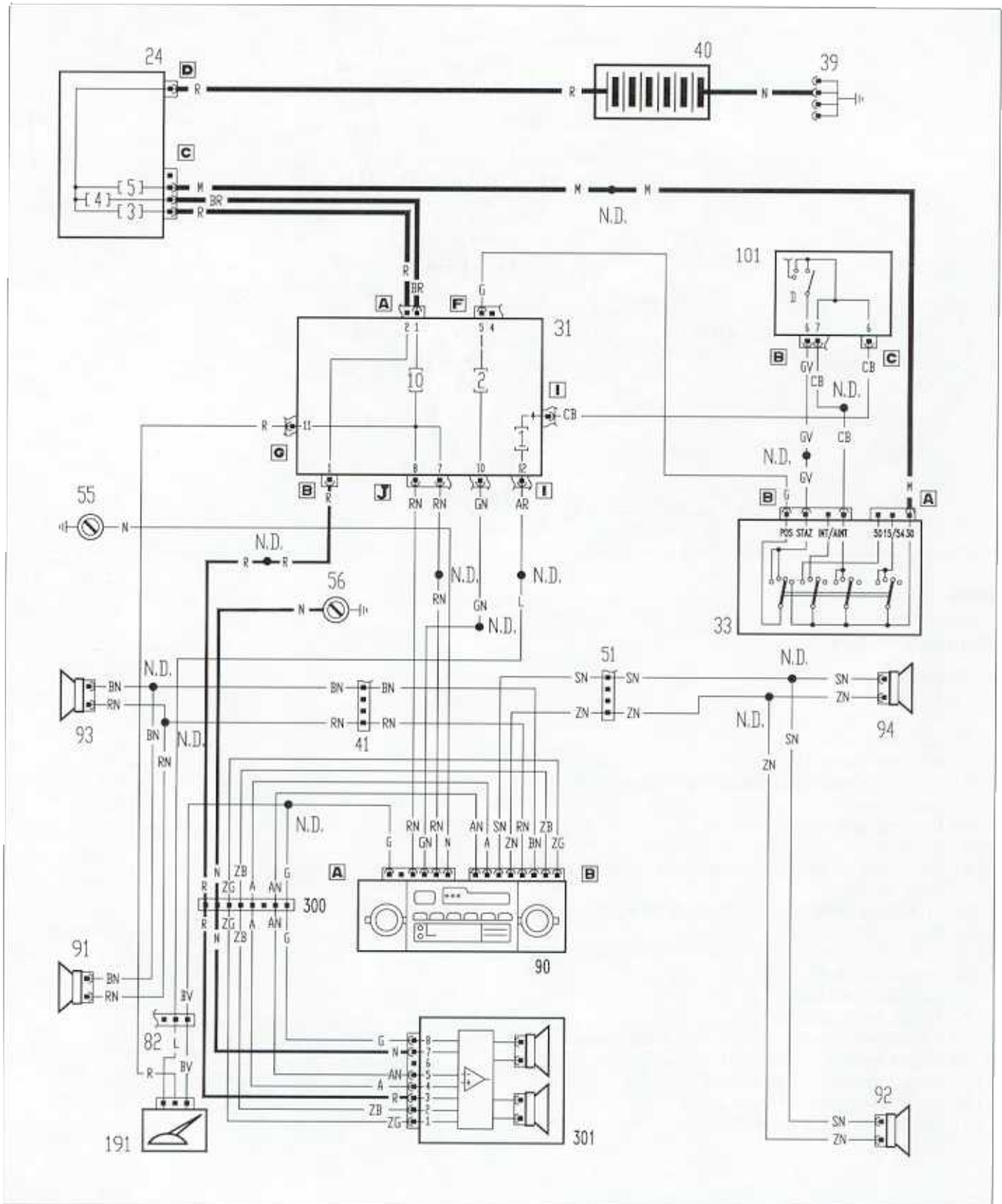
3W035EL01

**Radio receiver wiring****Component key**

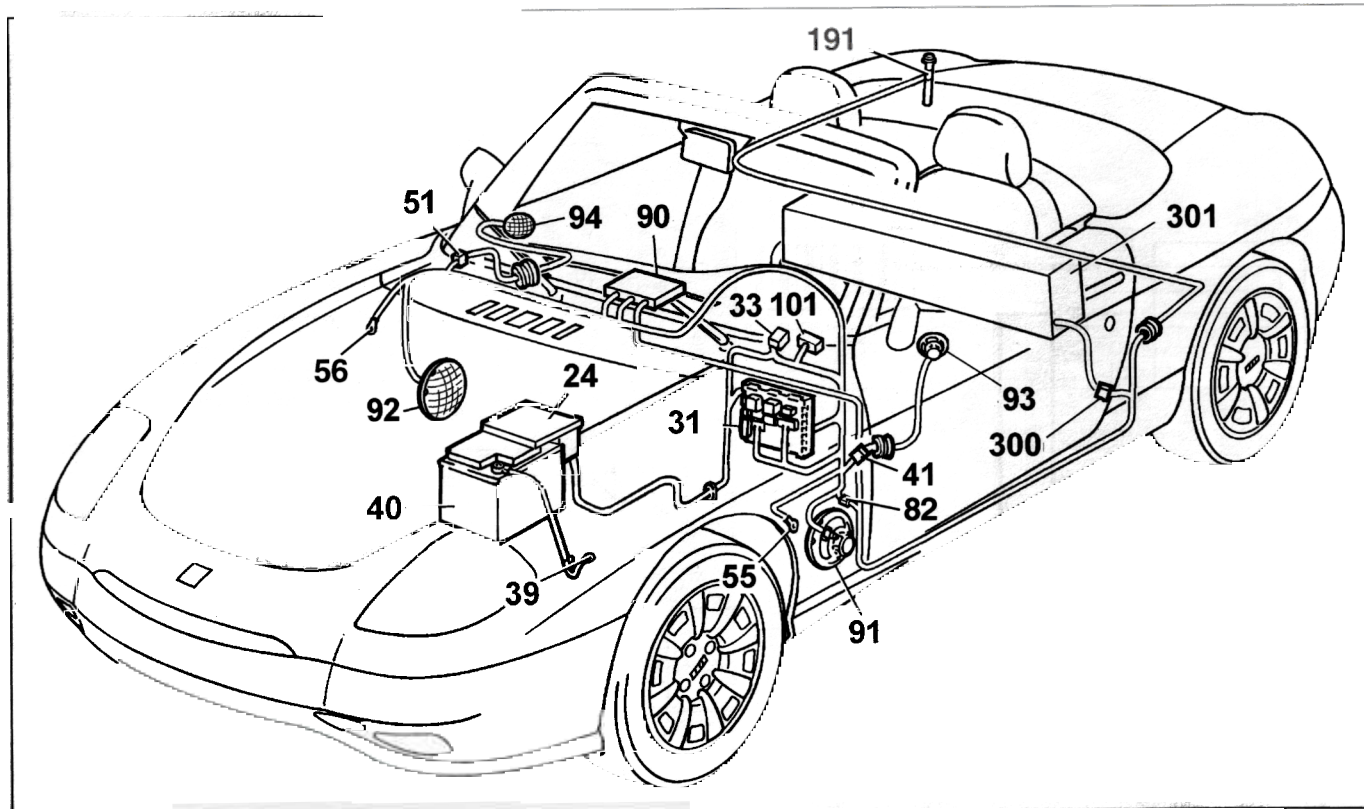
- 24 Maxi-fuse box  
F4 60A  
F5 30A
- 31 Junction unit
- 33 Ignition switch
- 34 Junction between aerial lead and radio receiver lead
- 39 Battery earth
- 40 Battery
- 41 Junction between facia lead and driver's door lead
- 51 Junction between facia lead and passenger door lead
- 55 Left facia earth
- 90 Radio receiver
- 91 Left front speaker
- 92 Right front speaker
- 93 Left speaker for medium-low frequencies
- 94 Right speaker for medium-low frequencies
- 101 Steering column switch unit
- 169 Earth for radio receiver aerial
- 171 Aerial for radio receiver

### 55.

Radio receiver with Subwoofer



3W038EL01



3W037EL01

### Subwoofer radio receiver wiring

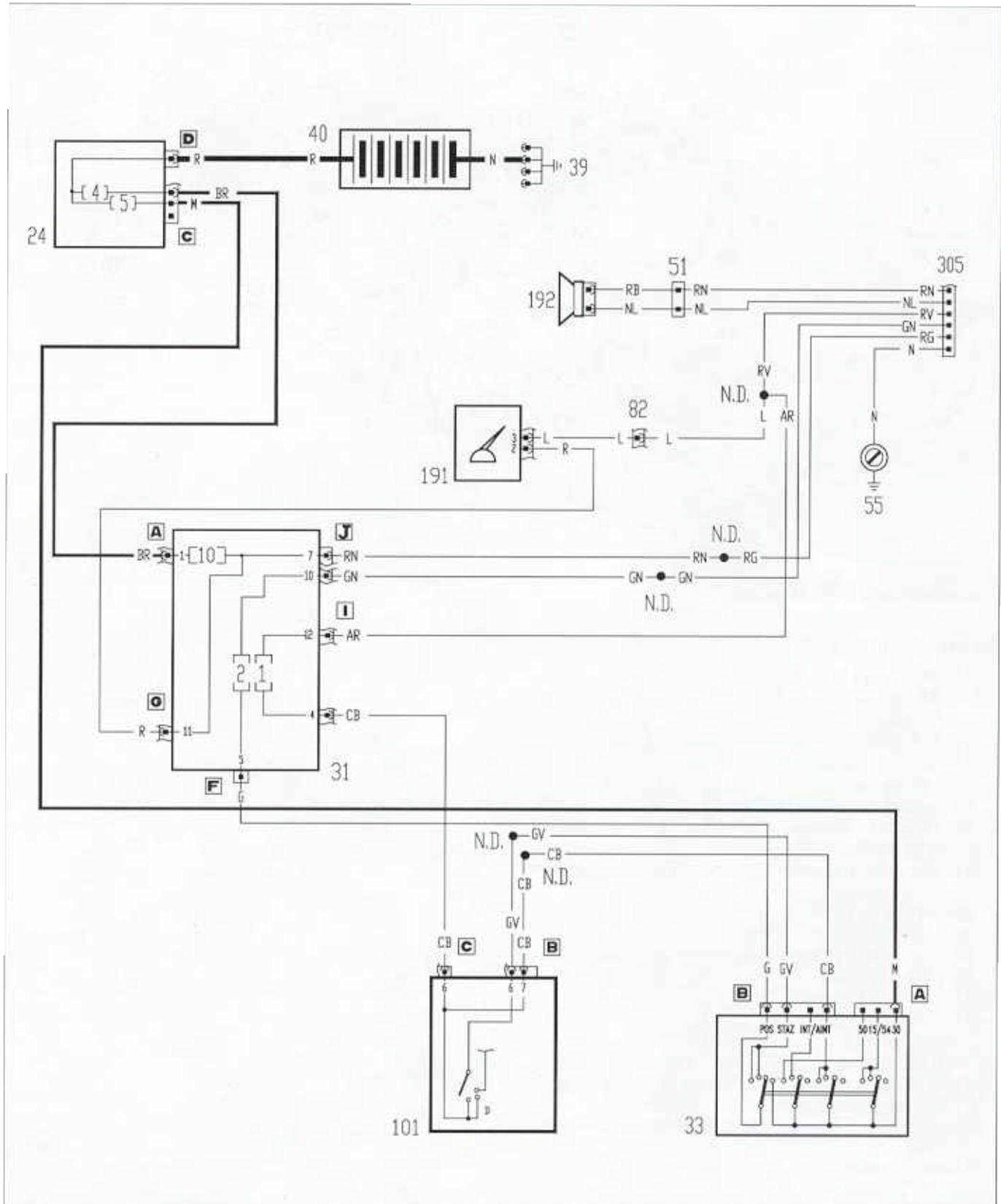
#### Component key

- 24 Maxi-fuse box  
F4 60A  
F5 30A
- 31 Junction unit
- 33 Ignition switch
- 39 Battery earth
- 40 Battery
- 41 Junction between dashboard and driver's door cables
- 51 Junction between dashboard and passenger door cables
- 55 Left facia earth
- 56 Right dashboard earth
- 82 Junction between dashboard and rear cables
- 90 Radio receiver
- 91 Left front speaker
- 92 Right front speaker
- 93 Left speaker for medium-low frequencies
- 94 Right speaker for medium-low frequencies
- 101 Steering column switch unit
- 191 Dual function aerial
- 300 Junction between facia lead and subwoofer lead
- 301 Subwoofer

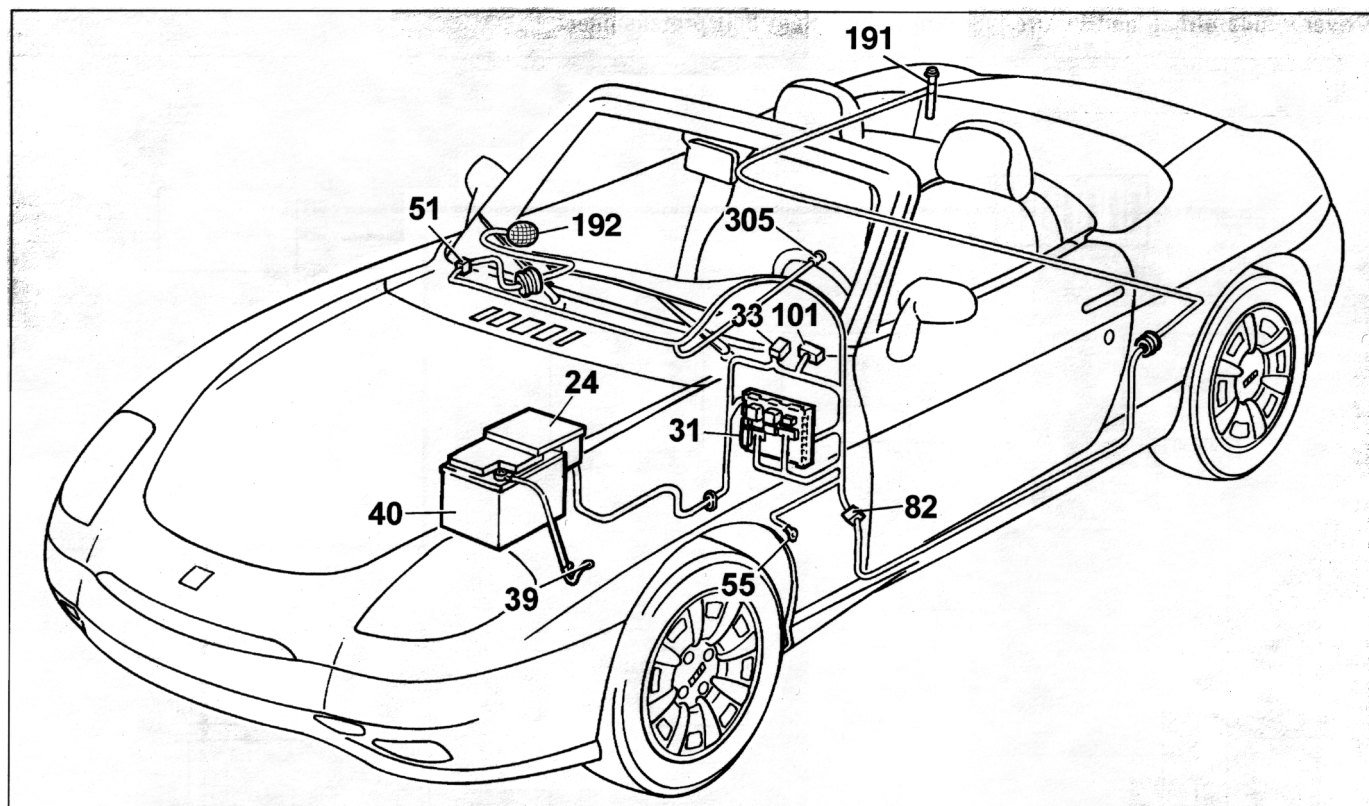


### 55.

#### Radio phone



3W038EL01



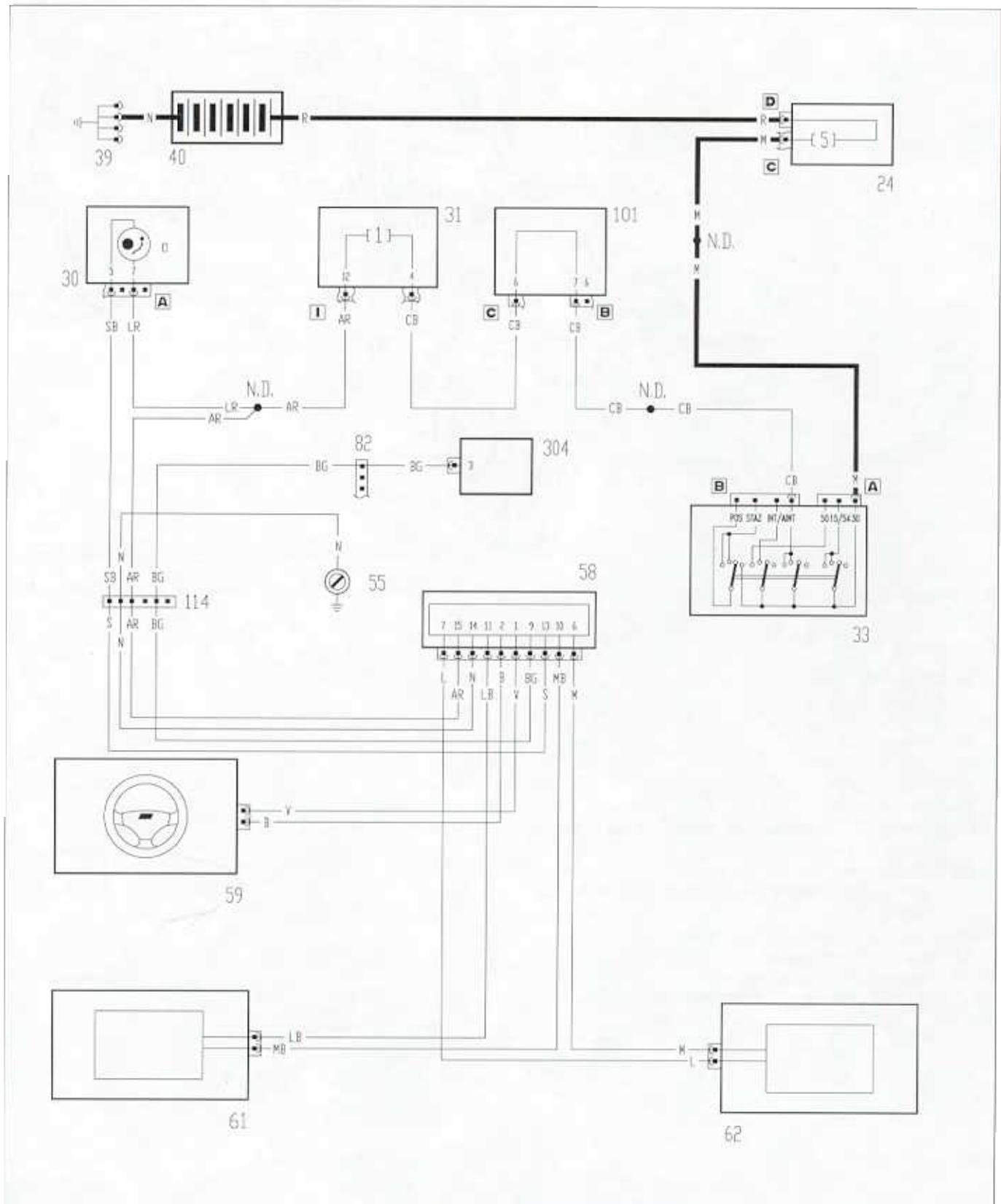
3W039EL01

**Radio phone wiring****Component key**

- 24 Maxi-fuse box
  - F4 60A
  - F5 30A
- 31 Junction unit
- 33 Ignition switch
- 39 Battery earth
- 40 Battery
- 51 Connection between facia lead and passenger door lead
- 55 Left facia earth
- 82 Junction between dashboard and right cables
- 101 Steering column switch unit
- 191 Dual function aerial
- 192 Dual function speaker
- 305 Predisposition for handsfree phone set

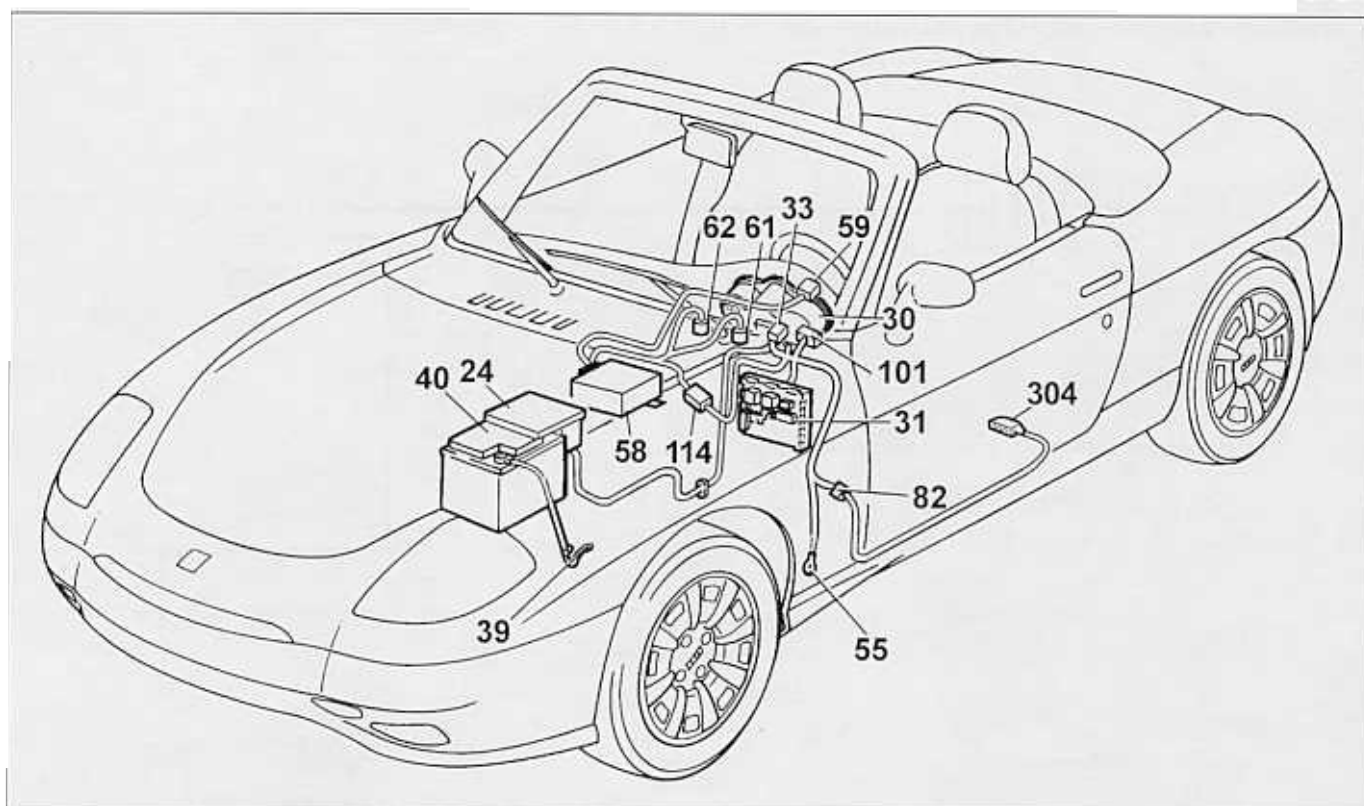
### 55.

Driver's side airbag and failure warning light – Seat belt pretensioner



3W040EL01





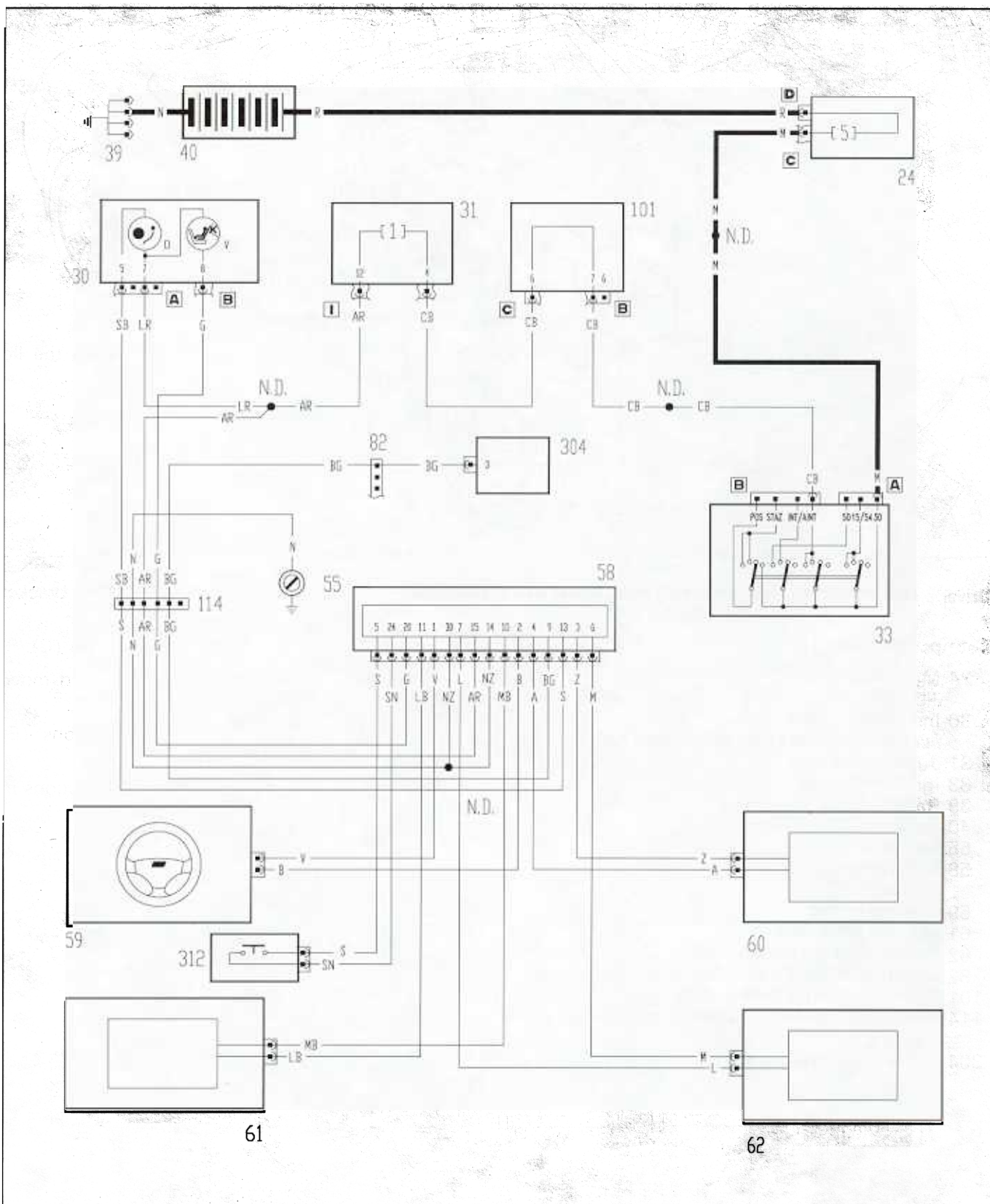
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**Driver's side airbag and failure warning light – Seat belt pretensioner****Component key**

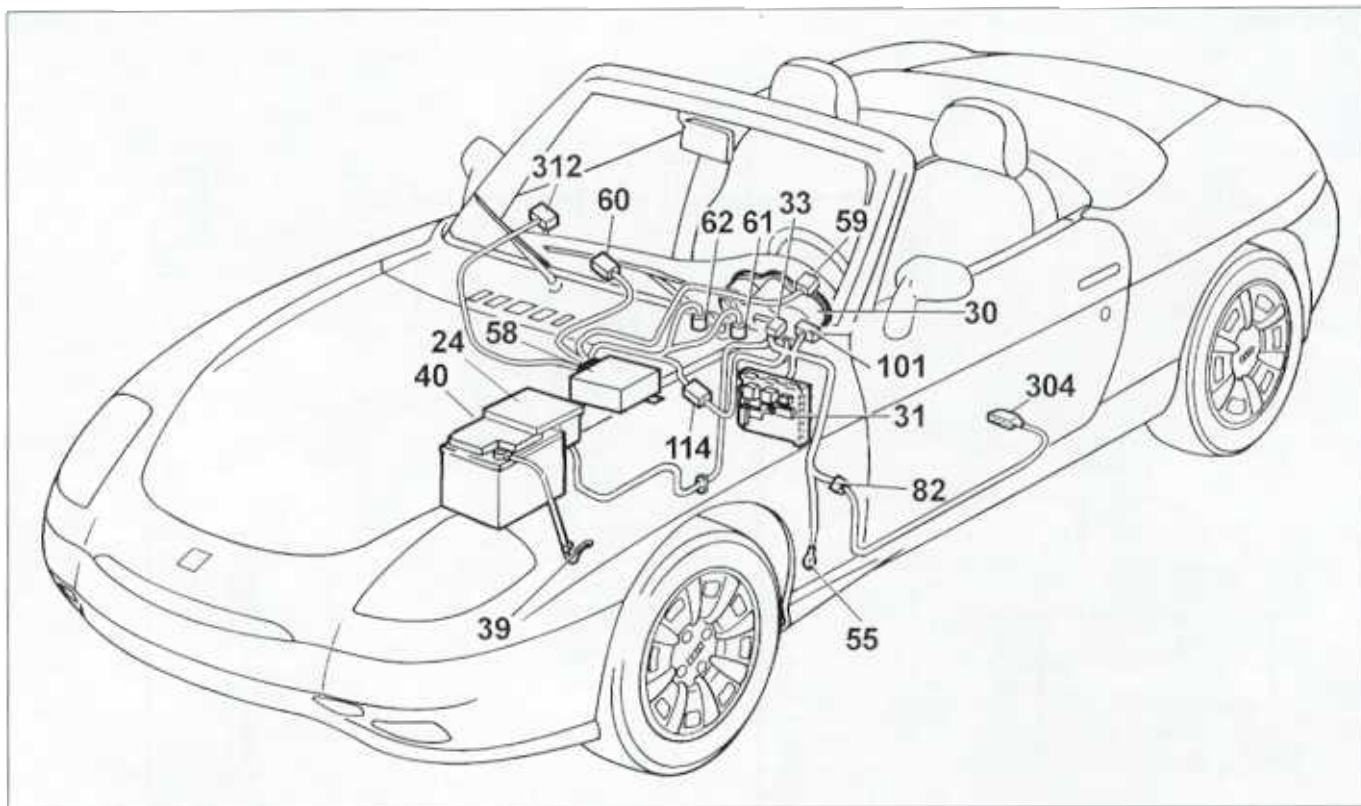
- 24 Maxi-fuse box  
F5 30A
- 30 Instrument panel  
O Airbag system failure warning light
- 31 Junction unit
- 33 Ignition switch
- 39 Battery earth
- 40 Battery
- 55 Left facia earth
- 58 Electronic control unit for airbag and pretensioners
- 59 Driver's airbag
- 61 Driver's pretensioner
- 62 Passenger side pretensioner
- 82 Junction between dashboard and rear cables
- 101 Steering column switch unit
- 114 Junction between dashboard and airbag cables
- 304 EOBD diagnostic socket

### 55.

Driver's side and passenger airbag and failure warning light – Seat belt pretensioners



3W042EL01



3W043EL01

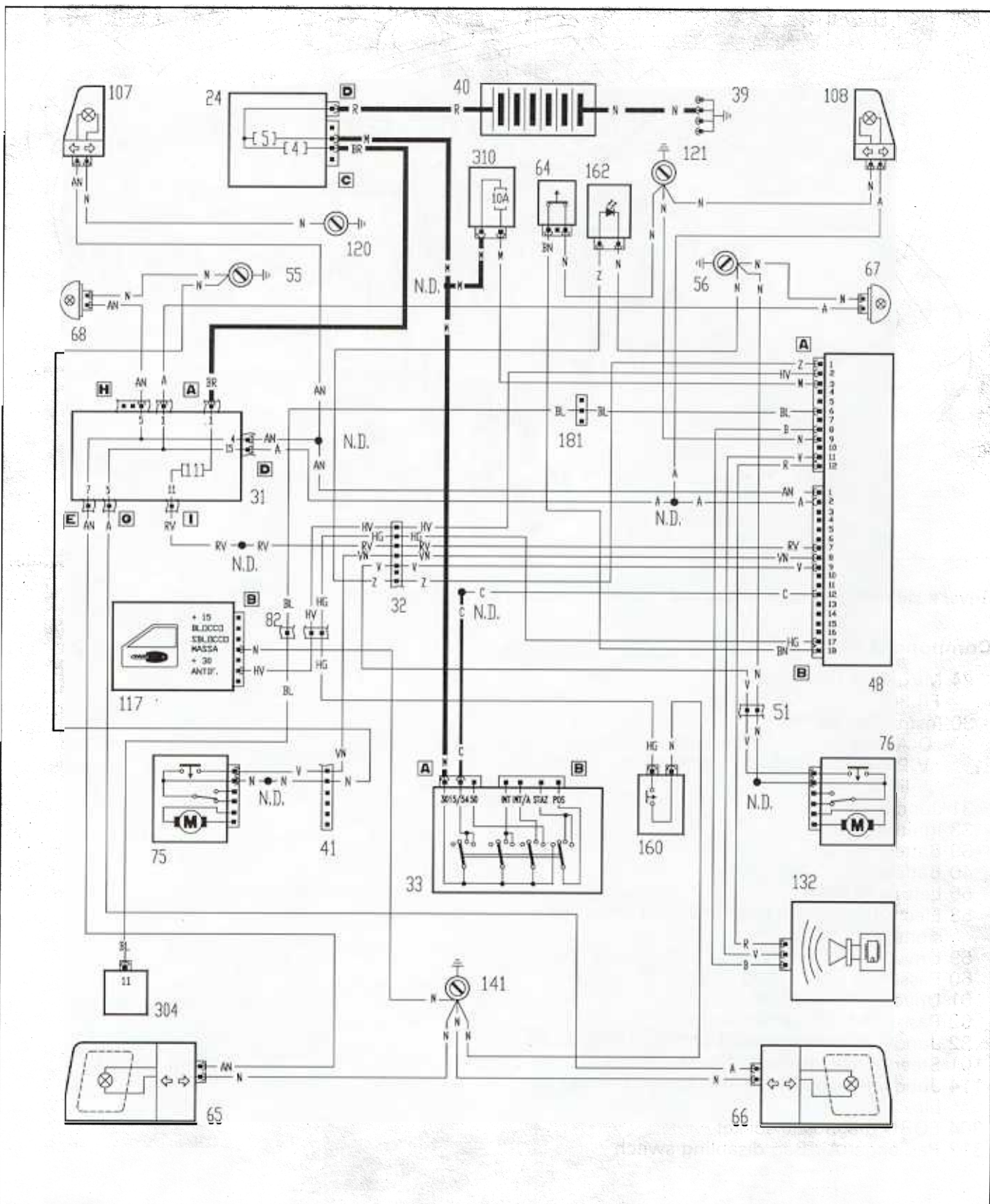
Driver's side and ~~passenger~~ airbag and failure warning light - Seat belt pretensioners

**Component key**

- 24 Maxi-fuse box  
F5 30A
- 30 Instrument panel
  - O Airbag system failure warning light
  - V Passenger airbag deactivation warning light
- 31 Junction unit
- 33 Ignition switch
- 39 Battery earth
- 40 Battery
- 55 Left facia earth
- 58 Electronic control unit for airbag and pretensioners
- 59 Driver's side airbag
- 60 Passenger side airbag
- 61 Driver's pretensioner
- 62 Passenger side pretensioner
- 82 Junction between dashboard and rear cables
- 101 Steering column switch unit
- 114 Junction between facia cable and airbag cable
- 304 EOBD diagnostic socket
- 312 Passenger Air Bag disabling switch

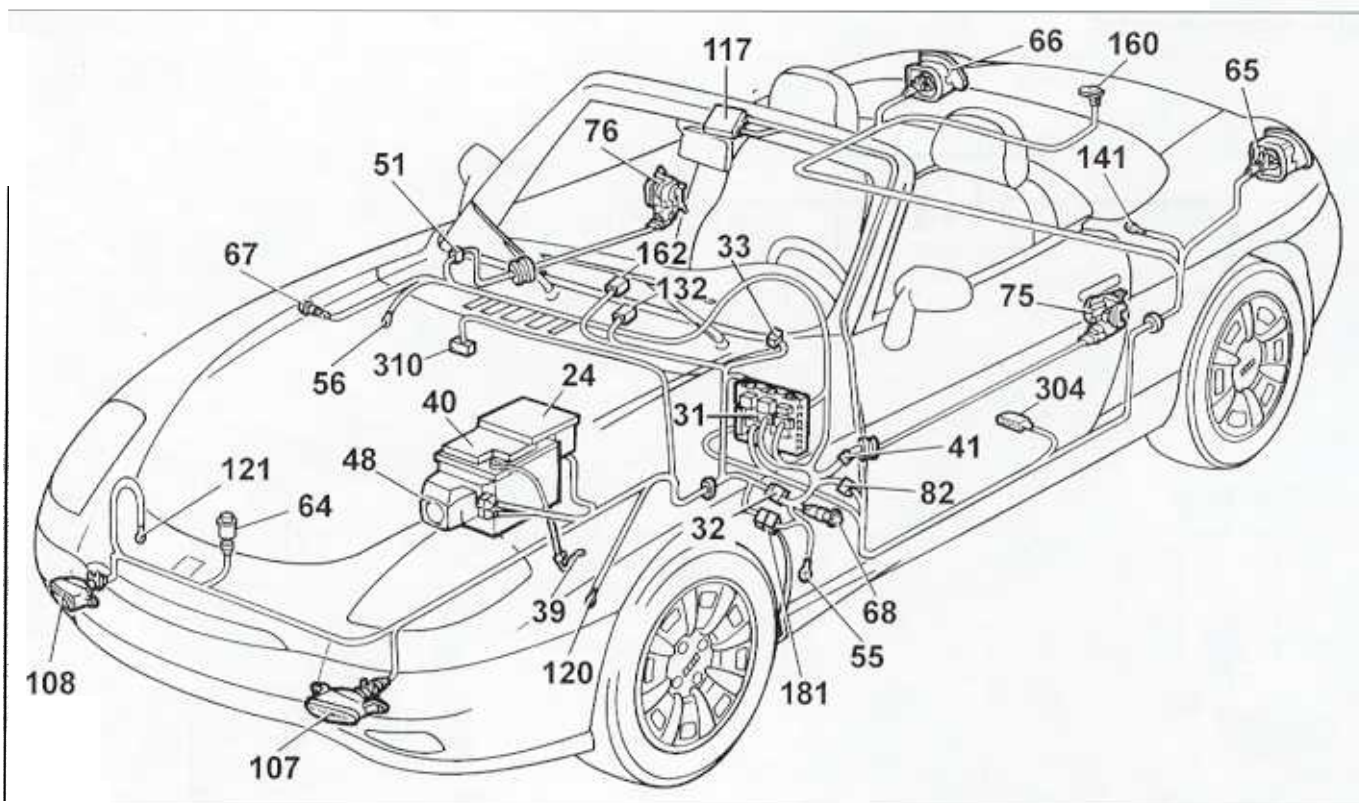
**55.**

## Alarm system



3W044EL01





3W045EL01

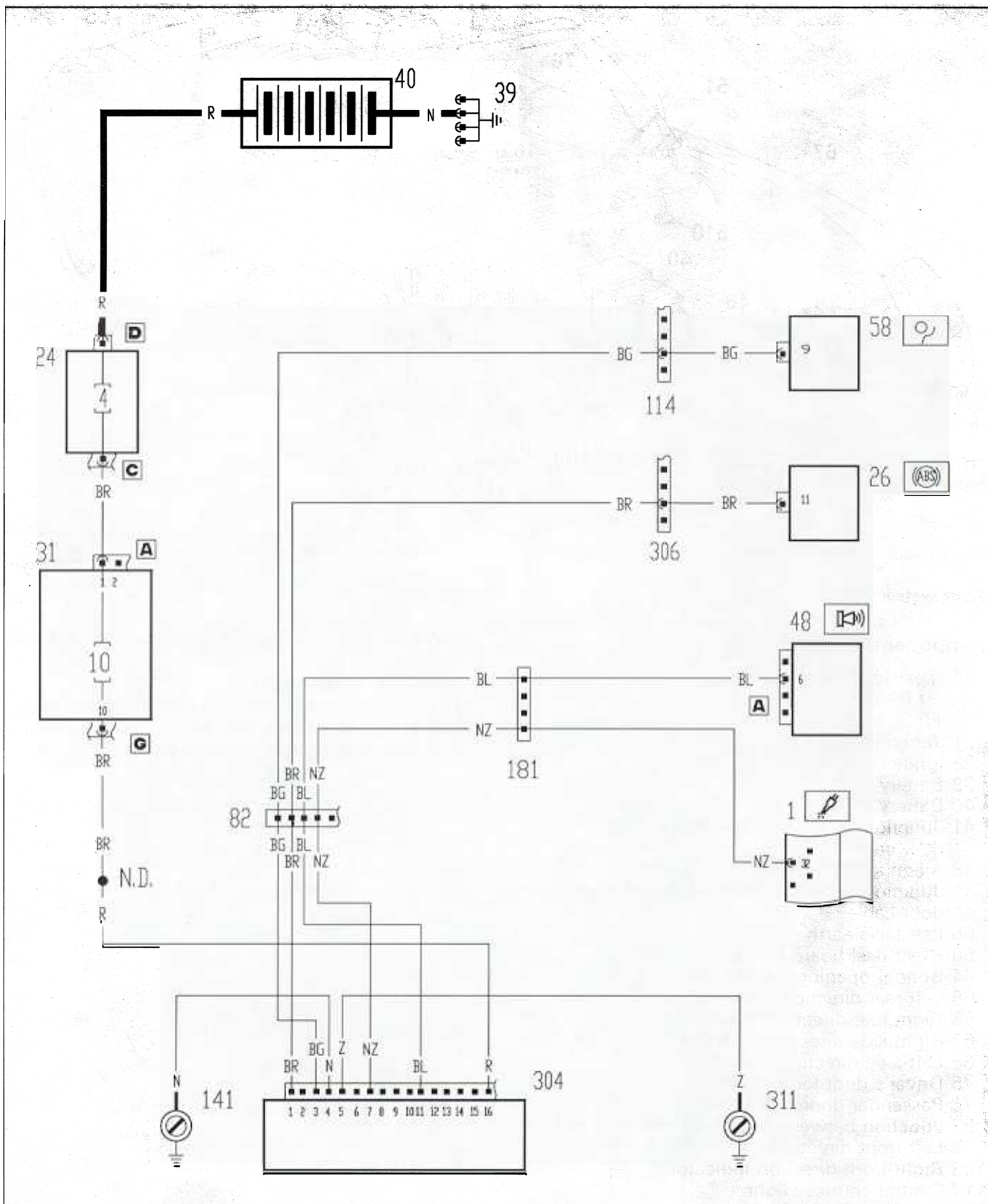
### Alarm system wiring

#### Component key

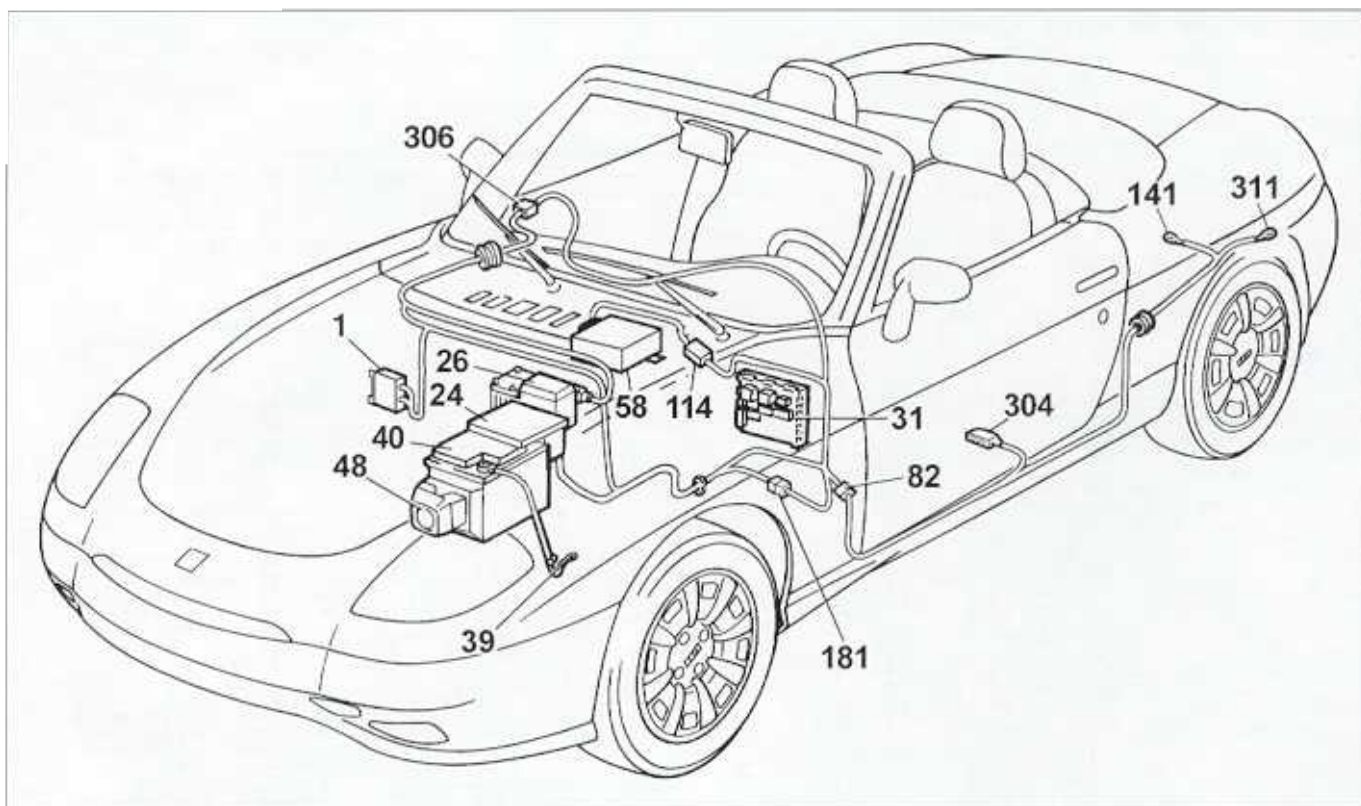
- |  |  |
|--|--|
| 24 Maxi-fuse box<br>F4 60A<br>F5 30A                     | 160 Boot opening indicator button for antitheft device |
| 31 Junction unit   | 162 Alarm system LED                                   |
| 33 Ignition switch                                       | 181 Junction between facia lead and front lead         |
| 39 Battery earth   | 304 EOBD diagnostic socket                             |
| 40 Battery   | 310 Fuse holder base on front cable                    |
| 41 Junction between dashboard and driver's door cables   |  |
| 48 Alarm system control unit                             |  |
| 51 Junction between facia cable and passenger door cable |  |
| 55 Left facia earth                                      |  |
| 56 Right dashboard earth                                 |  |
| 64 Bonnet opening button                                 |  |
| 65 Left rear direction indicator                         |  |
| 66 Right rear direction indicator                        |  |
| 67 Right side direction indicator                        |  |
| 68 Left side direction indicator                         |  |
| 75 Driver's door lock motor                              |  |
| 76 Passenger door lock motor                             |  |
| 82 Junction between facia lead and rear lead             |  |
| 107 Left front direction indicator                       |  |
| 108 Right front direction indicator                      |  |
| 117 Central courtesy light                               |  |
| 120 Left front earth                                     |  |
| 121 Right front earth                                    |  |
| 132 Hyperfrequency sensor for antitheft device           |  |
| 141 Rear earth   |  |

### 55.

E0BD diagnostic socket



3W046EL01



3W047EL01

**EOBD tester input wiring****Component key**

- 1 Hitachi MPI electronic injection control unit
- 24 Maxi-fuse box  
F4 60A
- 26 ABS hydraulic unit control unit
- 31 Junction unit
- 39 Battery earth
- 40 Battery
- 48 Alarm system control unit
- 58 Electronic control unit for airbag and pretensioners
- 82 Junction between dashboard and rear cables
- 114 Junction between dashboard and airbag cables
- 141 Rear earth
- 181 Junction between dashboard and front cables
- 304 EOBD diagnostic socket
- 306 Junction between dashboard and ABS cables
- 311 Rear electronic earth for EOBD tester input

## Wiring diagrams

## ***Fiat barchetta***

## 2000 range

**55.**

### Junction unit interior wiring diagram

