

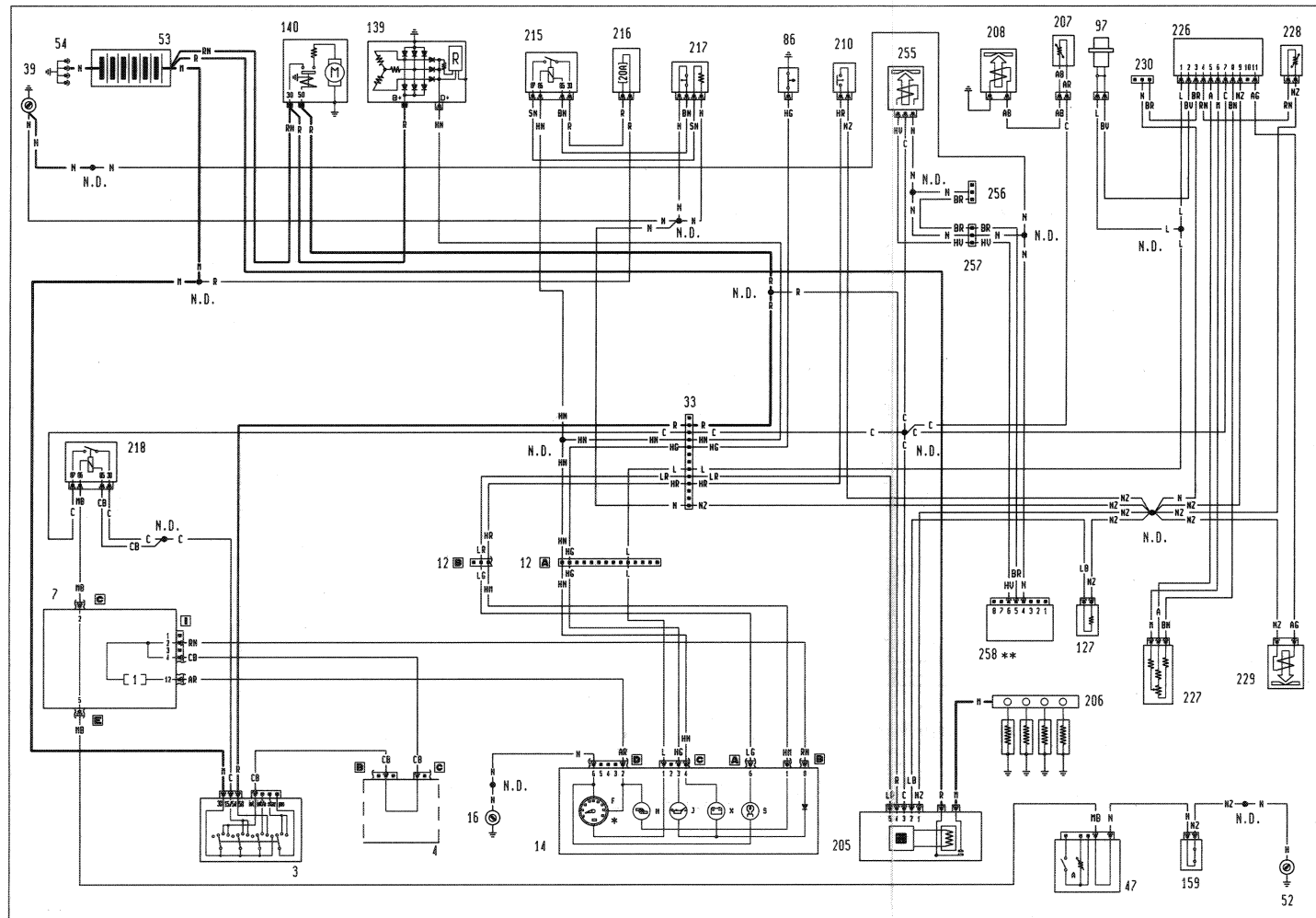
Title	Page
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Diagrams	1 ➡
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DESCRIPTION	TRIM LEVELS AND ENGINES																	
	S				SX								EL		ELX			GT
	1108 SPI CF2	1242 SPI CF2	1242 MPI	1697 D	1108 SPI CF2	1242 SPI CF2	1242 MPI	1581 MPI	1697 D	1697 T.d.s EM.08	1697 T.d.s CF2	1108 SPI CF2	1242 MPI	1242 MPI	1697 T.d.s EM.08	1581 MPI	1372	
Starting - Weber electronic injection and ignition - Recharging and warning light - Insufficient engine oil pressure warning light - Injection system failure warning light - Electronic rev counter -	1				1							1						
Starting - Plug preheating system and warning lamp - Recharging and warning light - Automatic cold start injection advance device (K.S.B.) - Heated fuel filter (P.T.C.) - Insufficient engine oil pressure warning light -				2					2									
Starting - Heater plugs and warning light - Recharging and warning light - Automatic cold start injection advance device (K.S.B.) - Heated fuel filter (P.T.C.) - Insufficient engine oil pressure warning light - Maximum turbocharging pressure warning light - Rev counter											3							
Starting - Weber electronic injection and ignition - Recharging and warning light - Insufficient engine oil pressure warning light - Injection system failure warning light - Electronic rev counter -		4				4												
Northern European version without Fiat-CODE Side lights and warning light - Dipped beam headlamps - Main beam headlamps and warning light - Flasher - Number plate lights - Fog lights and warning light - Heated driver's seat -	5	5	5		5	5	5											
Northern European version without Fiat-CODE Side lights and warning light - Dipped beam headlamps - Main beam headlamps and warning light - Flasher - Number plate lights - Fog lights and warning light - Heated driver's seat -														6				
Northern European version with Fiat-CODE Side lights and warning light - Dipped beam headlamps - Main beam headlamps and warning light - Flasher - Number plate lights - Heated driver's seat -	7	7	7		7	7	7							7				
Eurobag device and warning light -	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	

Version: 1698 TD CF2

Startup - glow plugs preheating device and corresponding optical indicator - Recharging and corresponding optical indicator - Cold injection automatic advance device (K.S.B.) - Heated fuel filter device (P.T.C.) - Engine oil pressure low optical indicator - Compressor turbo maximum pressure optical indicator - Electronic rev counter - (See key at end of wiring diagrams)



P3M03L201

* Only exists for the SX version

** See Fiat code wiring diagram

Electrical equipment

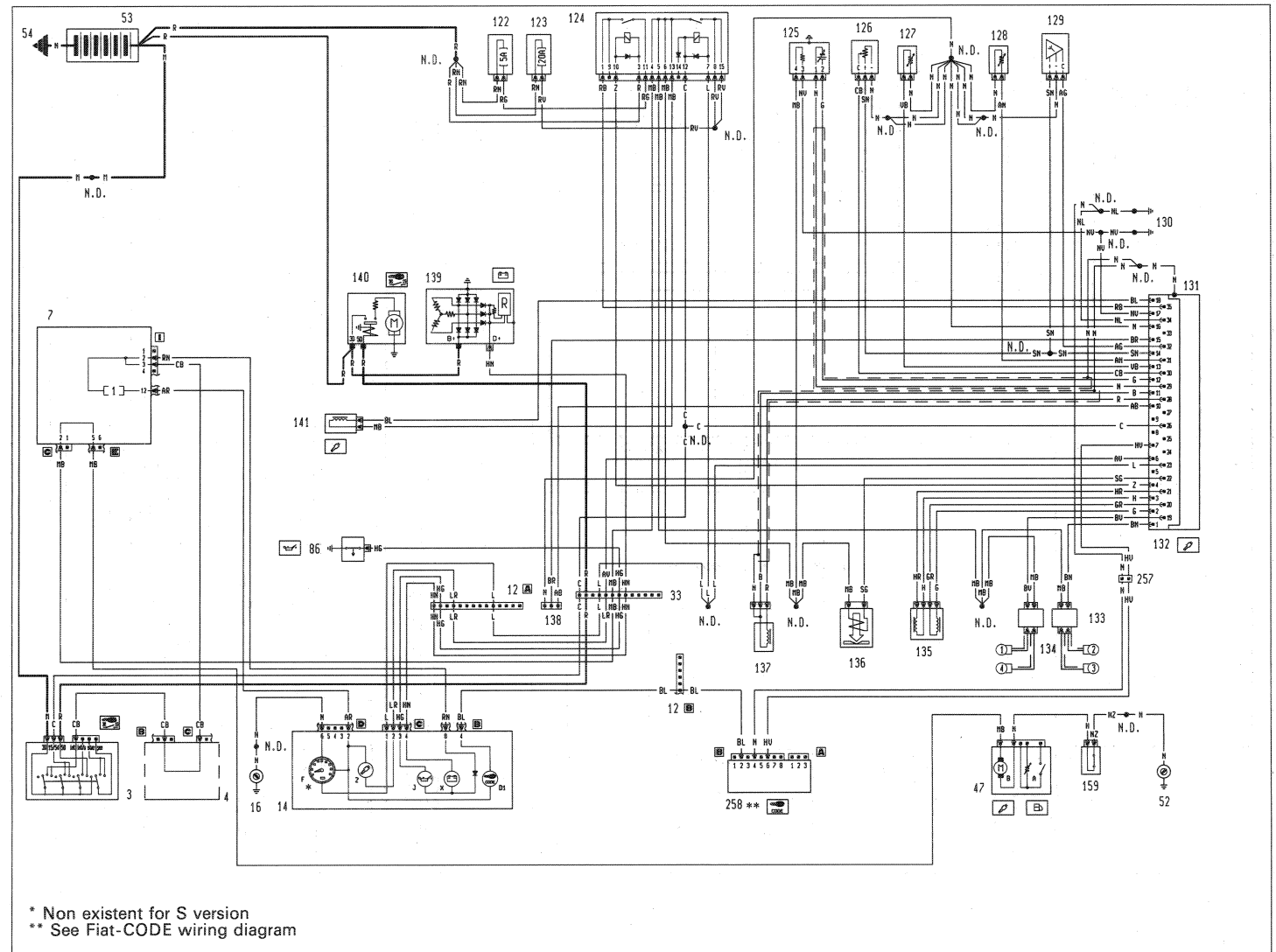
Wiring diagrams

Punto

55.

Version: 1242 Spi CF2

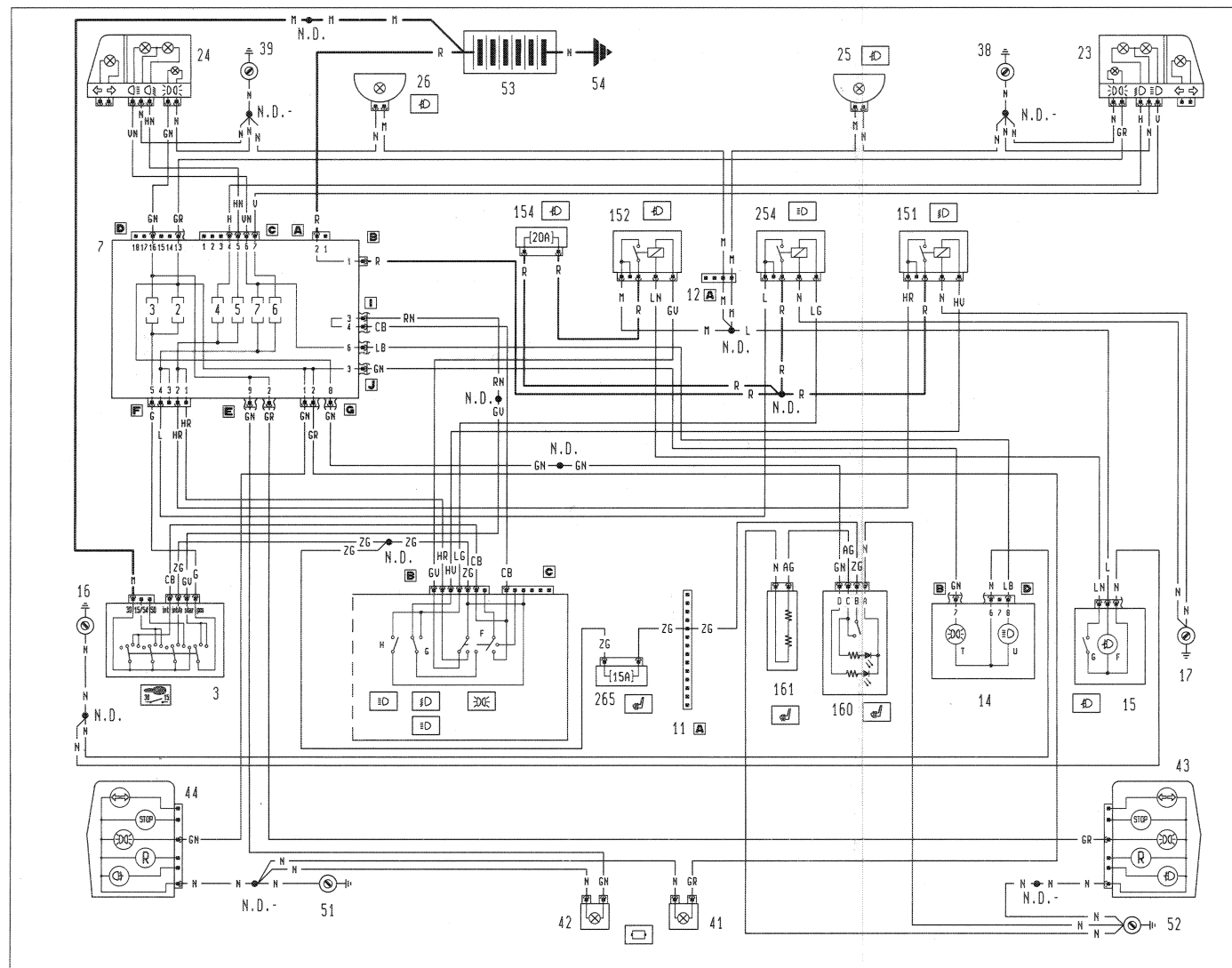
Starting - Weber electronic injection and ignition - Recharging and warning light - Insufficient engine oil pressure warning light - Injection system failure warning light - Electronic rev counter - (See key at end of wiring diagrams)



Northern European version without Fiat-CODE

Trim level: S - SX

Parking lights and warning lamp - Dipped beam headlamps - Main beam headlamps and warning light - Flasher - Number plate lights - Fog lights and warning light - Heated driver's seat - (See key at end of wiring diagrams)

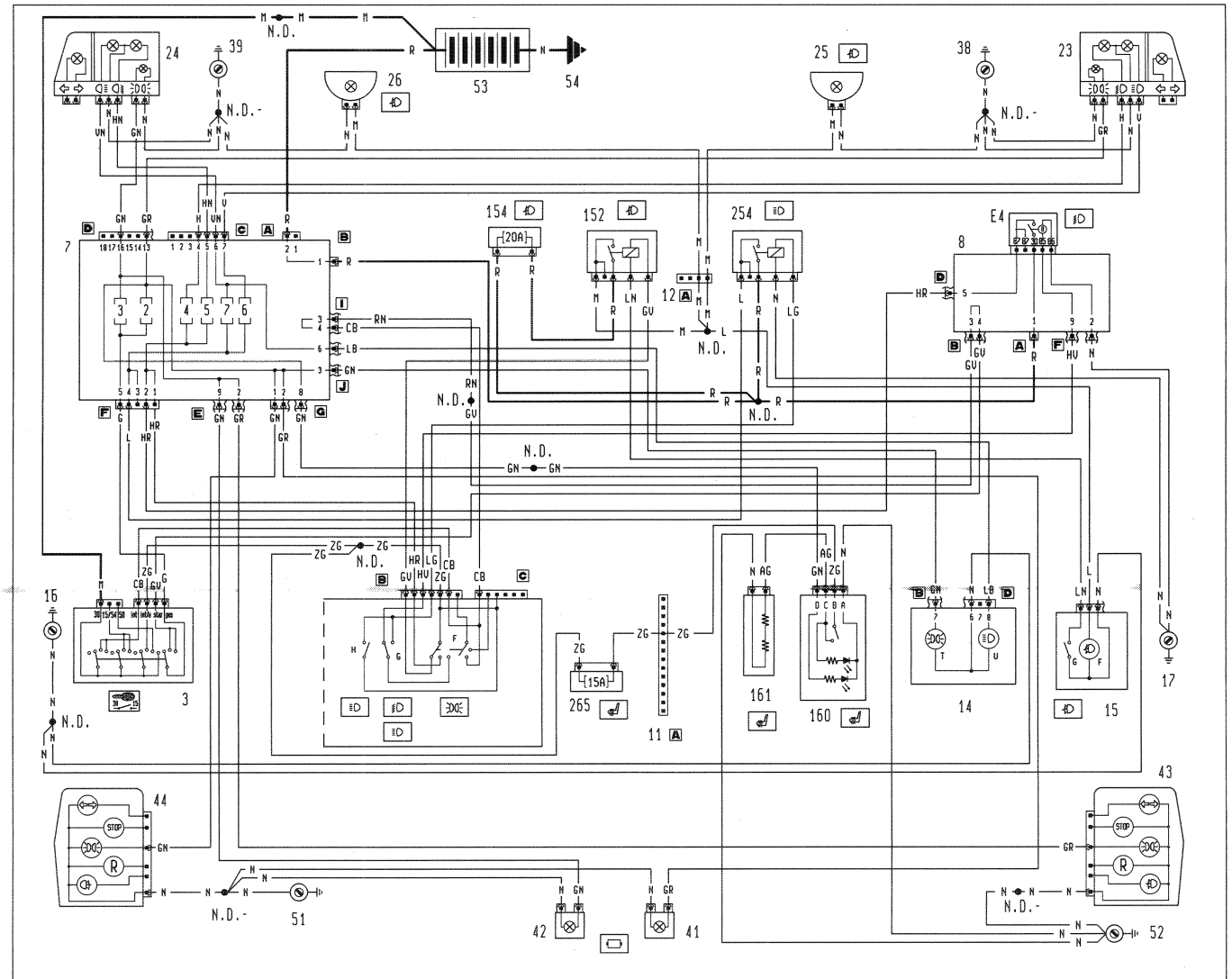


P3M05LZ01

Northern European version without Fiat-CODE

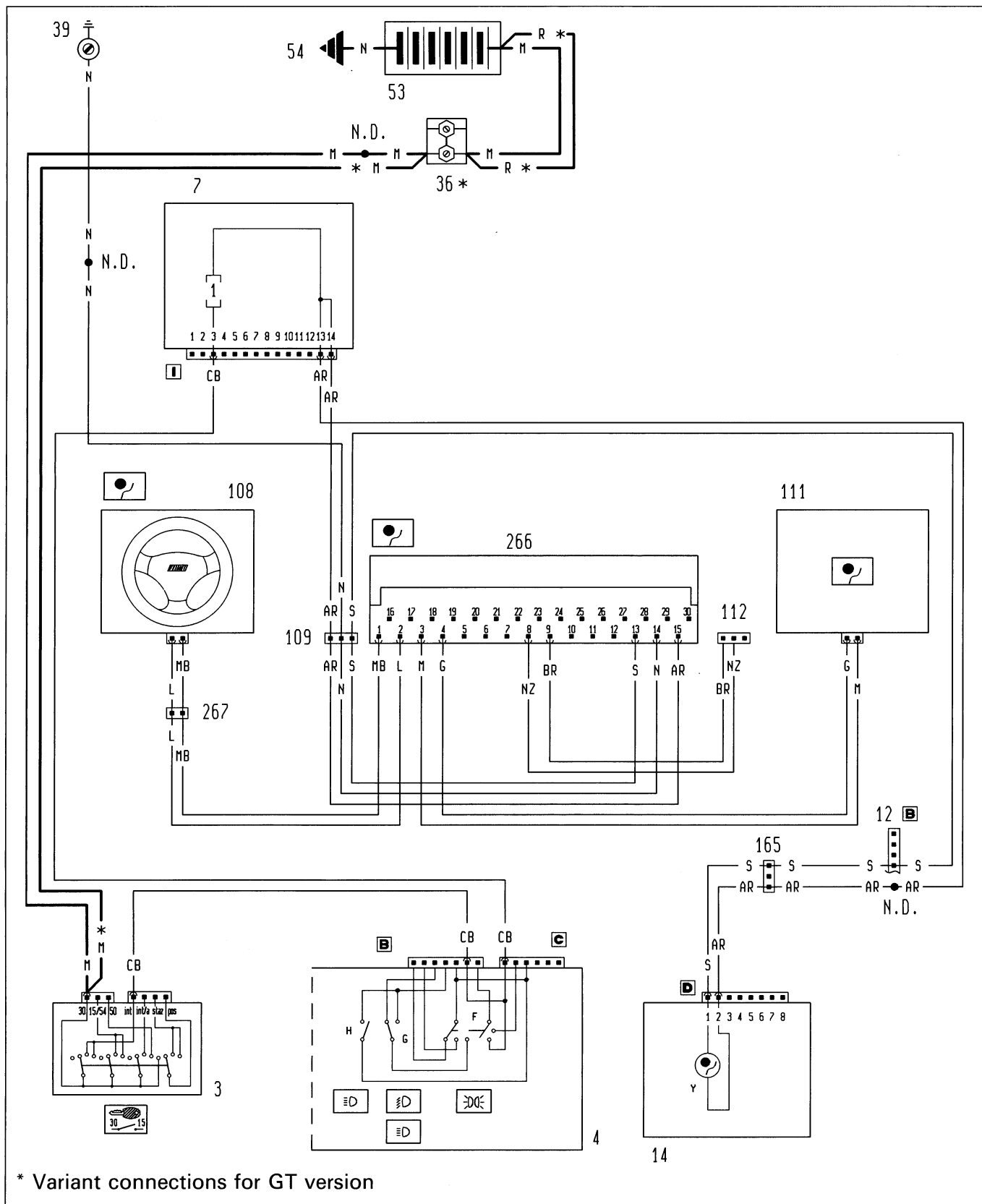
Trim level: ELX

Parking lights and warning lamp - Dipped beam headlamps - Main beam headlamps and warning light - Flasher - Number plate lights - Fog lights and warning light - Heated driver's seat - (See key at end of wiring diagrams)



P3M07LZ01

Eurobag device and warning light - (See key at end of wiring diagrams)



P3M08LZ01

Components key:

- 3 Ignition switch
- 4 Steering column switch unit
- 7 Junction unit
- 12 Connection between dashboard cables and front cables
- 14 Instrument panel :
- D1 System failure warning light Fiat-CODE
- F Electronic rev counter
- G Switch for dipped/main beam headlamps
- H Main beam headlamps button
- J Insufficient engine oil pressure warning light
- N Maximum turbocharging pressure warning light
- S Heater plugs warning light
- X Battery recharging warning light
- Y Eurobag system failure warning light
- Z Injection system failure warning light
- 8 Optional control unit:
- E4 Dipped headlamps relay feed
- 11 Connection between dashboard/rear cables
- 12 Connection between dashboard/front cables
- 14 Instrument panel:
- T Side lights warning light
- U Main beam headlamps warning light
- 15 Switch panel:
- F Fog lights warning light
- G Fog lights switch
- 16 Left dashboard earth
- 17 Right dashboard earth
- 23 Right front light cluster
- 24 Left front light cluster
- 25 Right fog light
- 26 Left fog light
- 33 Front cables connection
- 36 Connector block
- 38 Right front earth
- 39 Left front earth
- 41 Right no. plate light
- 42 Left no. plate light
- 43 Right rear light cluster
- 44 Left rear light cluster
- 47A Fuel level gauge
- 47B Electric fuel pump
- 51 Left rear earth
- 52 Right rear earth
- 53 Battery
- 54 Earth for battery
- 86 Switch signalling insufficient engine oil pressure
- 97 Rpm sensor
- 108 Driver's Eurobag
- 109 Connection for Eurobag cables
- 110 Eurobag electronic control unit

- 111 Passenger Eurobag
- 112 Eurobag diagnostic socket
- 122 Injection system 5A protective fuse
- 123 Injection electric pump, Lambda sensor and injectors 20A protective fuse
- 124 Multiple relay
- 125 Heated Lambda sensor
- 126 Potentiometer on butterfly valve
- 127 Water temperature sensor
- 128 Air temperature sensor
- 129 Absolute pressure sensor
- 130 Earth on engine
- 131 Earth on control unit
- 132 I.A.W. electronic injection/ignition system control unit
- 133 Ignition coils
- 134 Spark plugs
- 135 Stepping actuator
- 136 Canister solenoid valve
- 137 Rpm and T.D.C. sensor
- 138 Diagnostic socket for injection system
- 139 Alternator
- 140 Starter motor
- 141 Injector
- 151 Dipped headlamps/headlamp alignment relay feed
- 152 Fog lights relay
- 154 20A protective fuse for fog lights
- 159 Inertia switch for switching off electric fuel pump
- 160 Heated driver's seat controls
- 161 Heater pad for driver's seat
- 165 Air-Bag cables connection
- 205 Pre-heating electronic control unit
- 206 Heater plugs
- 207 Water temperature sensor for K.S.B.
- 208 K.S.B. solenoid valve
- 210 Switch signalling maximum turbocharging pressure
- 215 Heated fuel filter relay feed
- 216 Heated fuel filter 20A protective fuse
- 217 Heated fuel filter (P.T.C.)
- 218 Injection system relay feed (Turbo Diesel)
- 226 Anti-pollution control unit (E.G.R. device)
- 227 Potentiometer on injection pump
- 228 Water temperature sensor (E.G.R. device)
- 229 Solenoid valve for E.G.R. device
- 230 Diagnostic socket for anti-pollution control unit (E.G.R. device)
- 254 Main beam headlamps relay feed
- 255 Electrostop for Fiat-CODE
- 256 Diagnostic socket for Fiat-CODE
- 257 Front cable connection for Fiat-CODE
- 258 Fiat-CODE control unit
- 264 Heater pad for driver's seat relay feed
- 265 Heated driver's seat 15A protective fuse
- 266 Eurobag system electronic control unit
- 267 Eurobag cables connection
- N.D. Ultrasound welding taped in cable loom

Cable colour code:

- | | |
|-----------|-------------------|
| 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 |

NAME	VERSIONS AND ENGINES													
	F				F PACK					E		E PACK		TURBO
	1108 SPI	1242 SPI	1242 MPI	1697 T.d.s EM.08	1108 SPI	1242 SPI	1242 MPI	1697 T.d.s EM.08	1697 T.d.s USA 87	1108 SPI	1242 MPI	1242 MPI	1697 T.d.s EM.08	1372
Starting system - Electronic ignition and fuel injection - Recharging system and warning light - Low engine oil pressure warning light - Fuel injection fault warning light - Rev counter	30	30	31		30	30	31			30	31	31		32
Version with automatic transmission: Starting system - Electronic ignition and fuel injection - Recharging system and warning light - Low engine oil pressure warning light - Fuel injection fault warning light - Rev counter						35								
Starting system - Plug preheating system and warning lamp - Recharging system and warning light - Heated fuel filter (P.T.C.) - Cold fuel injection automatic advance (K.S.B.) - Low engine oil pressure warning light - Maximum turbo boost pressure warning light - Rev counter				33				33					33	
Starting system - Plug preheating system and warning lamp - Recharging system and warning light - Heated fuel filter (P.T.C.) - Cold automatic fuel injection advance (K.S.B.) - E.G.R. electronic control unit - Low engine oil pressure warning light - Maximum turbo boost pressure warning light - Rev counter									34					
Side lights and warning lamp - Dipped beam headlamps - Main beam headlamps and warning light - Headlamp flasher - Number plate lights	1	1	1	1	1	1	1	1	1	1	1	8	8	8
Direction indicators and warning lamp - Hazard warning lights and warning lamp - Reversing lights - Stop lights	2	2	2	2	2	2	2	2	2	2	2	9	9	9
Front fog lamps and warning light - Rear fog lamps and warning light	3	3	3	3	3	3	3	3	3	3	3	10	10	10
Windscreen wiper - Rear window wash/wipe - Windscreen and rear window washer pump - Electric horns - Heated rear window and warning light	4	4	4	4	4	4	4	4	4	4	4	11	11	
Car radio - Courtesy light - Symbol illumination	5	5	5	5	5	5	5	5	5	5	12	12	12	12
Fuel level gauge and reserve warning light - Low brake fluid level and handbrake warning lamp - Water temperature gauge - Brake pad wear warning light - Low engine oil pressure warning light - Water in fuel filter warning light - Clock - Rev counter - Speedometer - Engine oil pressure gauge -	6	6	6	6	36	36	36	36	36	36	36	37	37	37
Engine cooling system - Car interior ventilation - Water temperature gauge - Cigar lighter -	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Version with air conditioner: Engine cooling system - Car interior ventilation - Water temperature gauge - Cigar lighter						13	13	14			13	13	14	15

NOTE The numbers on the table correspond to the page numbers in the electrical system section of the manual.

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Electrical system

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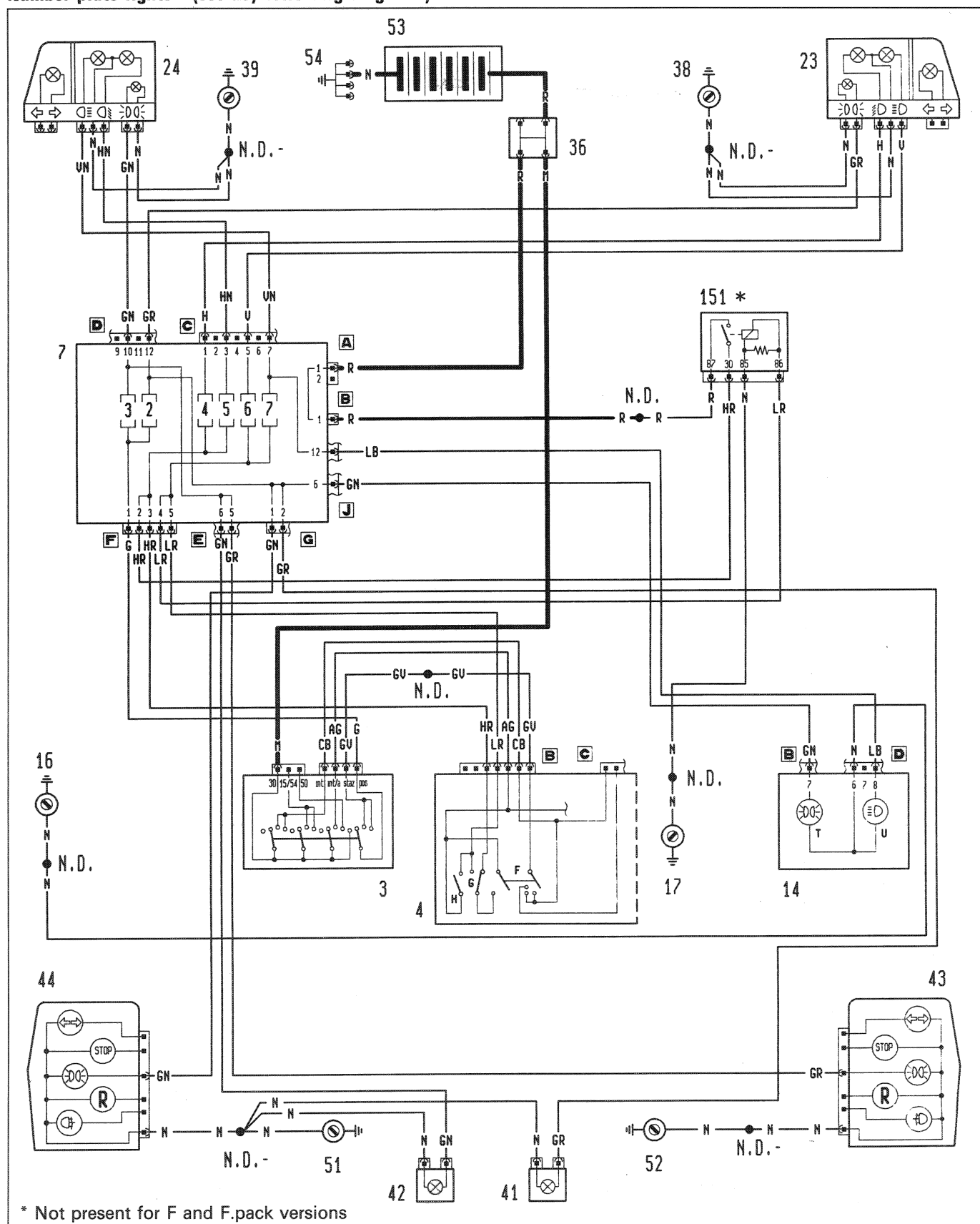
55.

NAME	VERSIONS AND ENGINES													
	F				F PACK					E		E PACK		TURBO
	1108 SPI	1242 SPI	1242 MPI	1697 T.d.s EM.08	1108 SPI	1242 SPI	1242 MPI	1697 T.d.s EM.08	1697 T.d.s USA 87	1108 SPI	1242 MPI	1242 MPI	1697 T.d.s EM.08	1372
Windscreen wiper - Rear window wash/wipe - Windscreen and rear window washer pump - Electric horns - Heated rear window and warning light - Headlamp washer														16
Electric front windows					17	17	17	17	17	17	17	18	18	18
Central door locking system - Doors open warning light					19	19	19	19	19	19	19	20	20	20
Anti-lock braking system and system failure warning light (A.B.S. 2SH)							21	21	21			21	21	21
Headlamp alignment device					22	22	22	22	22	22	22	23	23	23
Electrically-adjustable heated exterior rearview mirrors														24
Electric sunroof												25	25	25
Air Bag system and fault warning light	26	26	26	26	26	26	26	26	26	26	26	26	26	26
Northern Europe version: Heated driver's seat			27				27					27		27
Junction unit	28	28	28	28	28	28	28	28	28	28	28	28	28	28
Junction unit (optional devices)												29	29	29
Air conditioner						38	38	39			38	38	39	40
Automatic transmission and warning light						41								
Petrol version: Anti-theft device	42	42	42		42	42	42			42	42	42		42
TD version: Anti-theft device				43				43	43				43	
Petrol version: Connection to instrument panel	44	44	44											
Petrol version: Instrument panel connection					45	45	45			45	45	47		47
TD version: Instrument panel connection				46				46	46				46	

NOTE The numbers on the table correspond to the page numbers in the electrical system section of the manual.

Version: F - F.pack - E

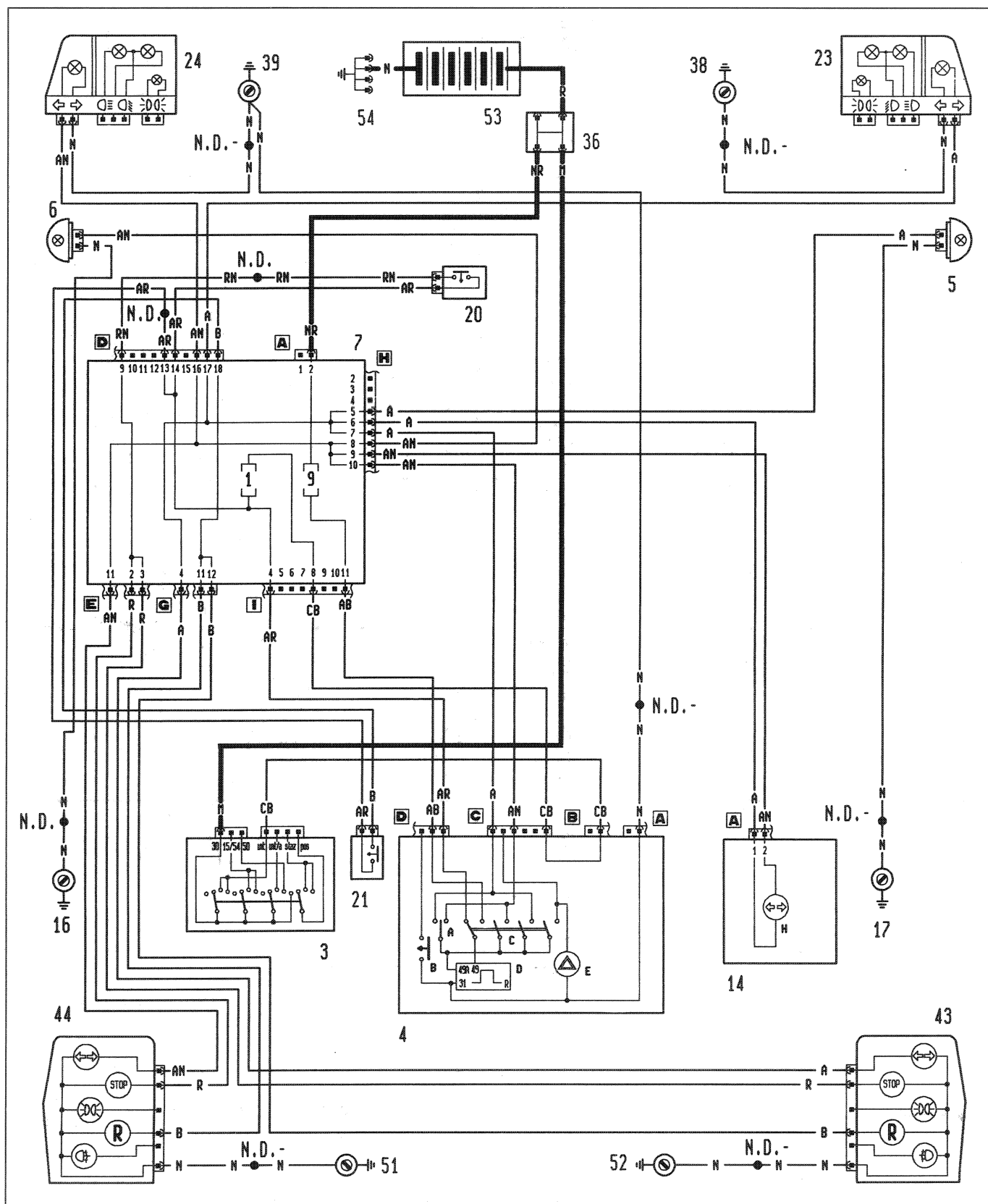
Side lights and warning lamp - Dipped beam headlamps - Main beam headlamps and warning light - Headlamp flasher - Number plate lights - (see key following diagrams)



55.

Version: F - F.pack - E

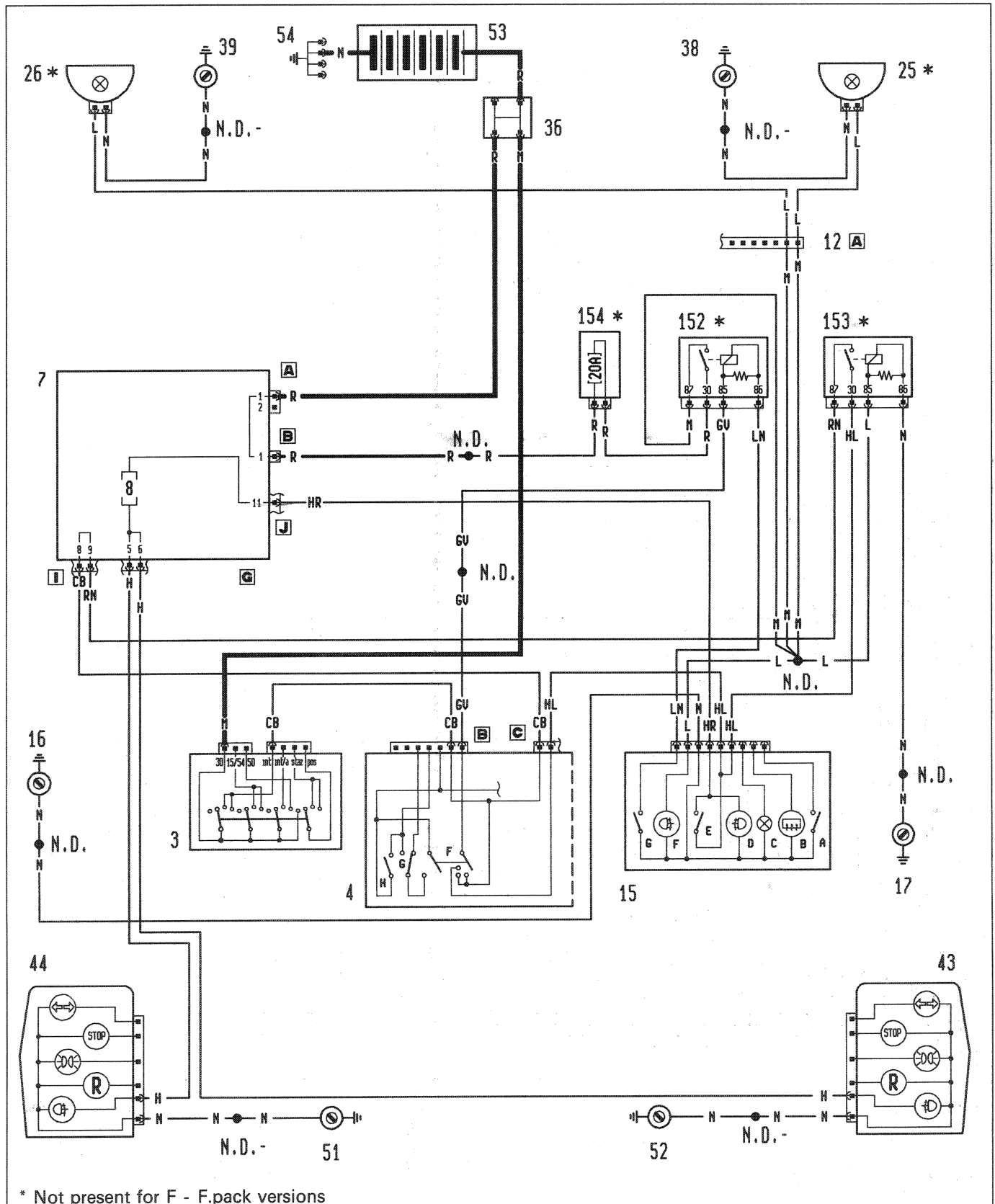
Direction indicators and warning lamp - Hazard warning lights and warning lamp - Reversing lights - Stop lights - (see key following diagrams)



P3M02ZL01

Version: F - F.pack - E

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

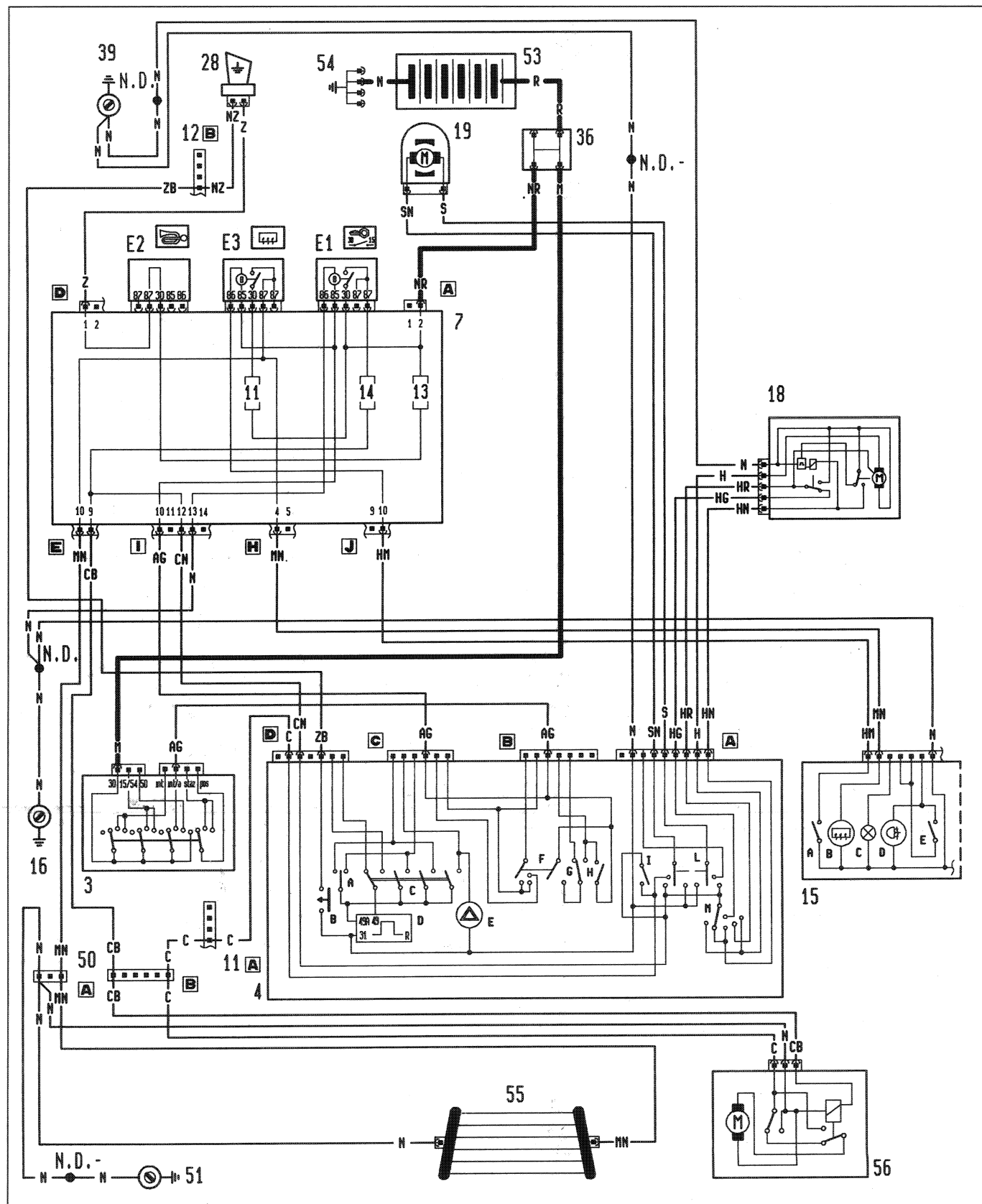


P3M03ZL01

55.

Version: F - F.pack - E

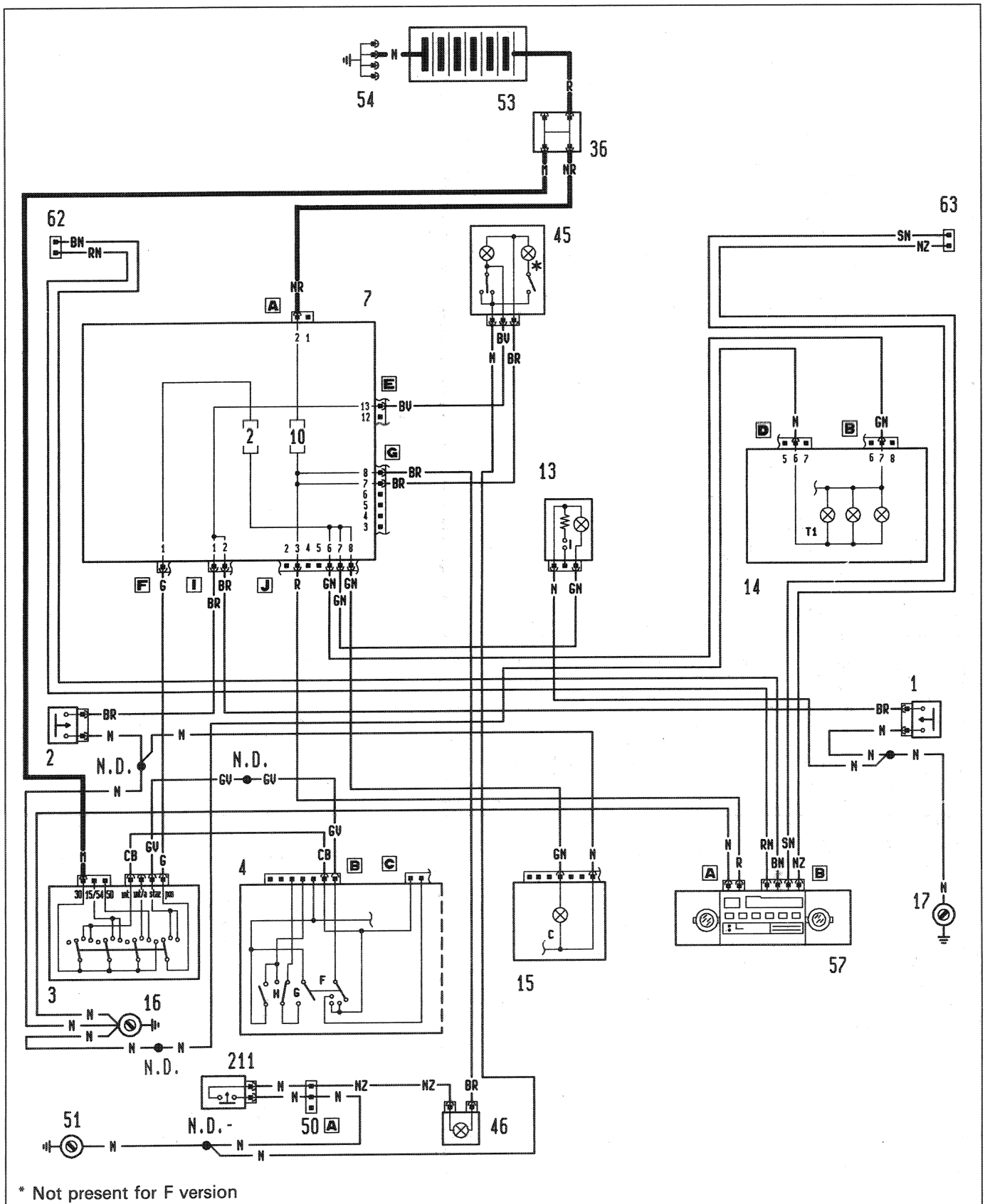
Windscreen wiper - Rear window wash/wipe - Windscreen and rear window washer pump - Electric horns - Heated rear window and warning light - (see key following diagrams)



P3M04ZL01

Version: 1108 1242 F - 1108 1697 TD F.pack - 1108 SPI E

Car radio - Courtesy light - Symbol illumination - (see key following diagrams)

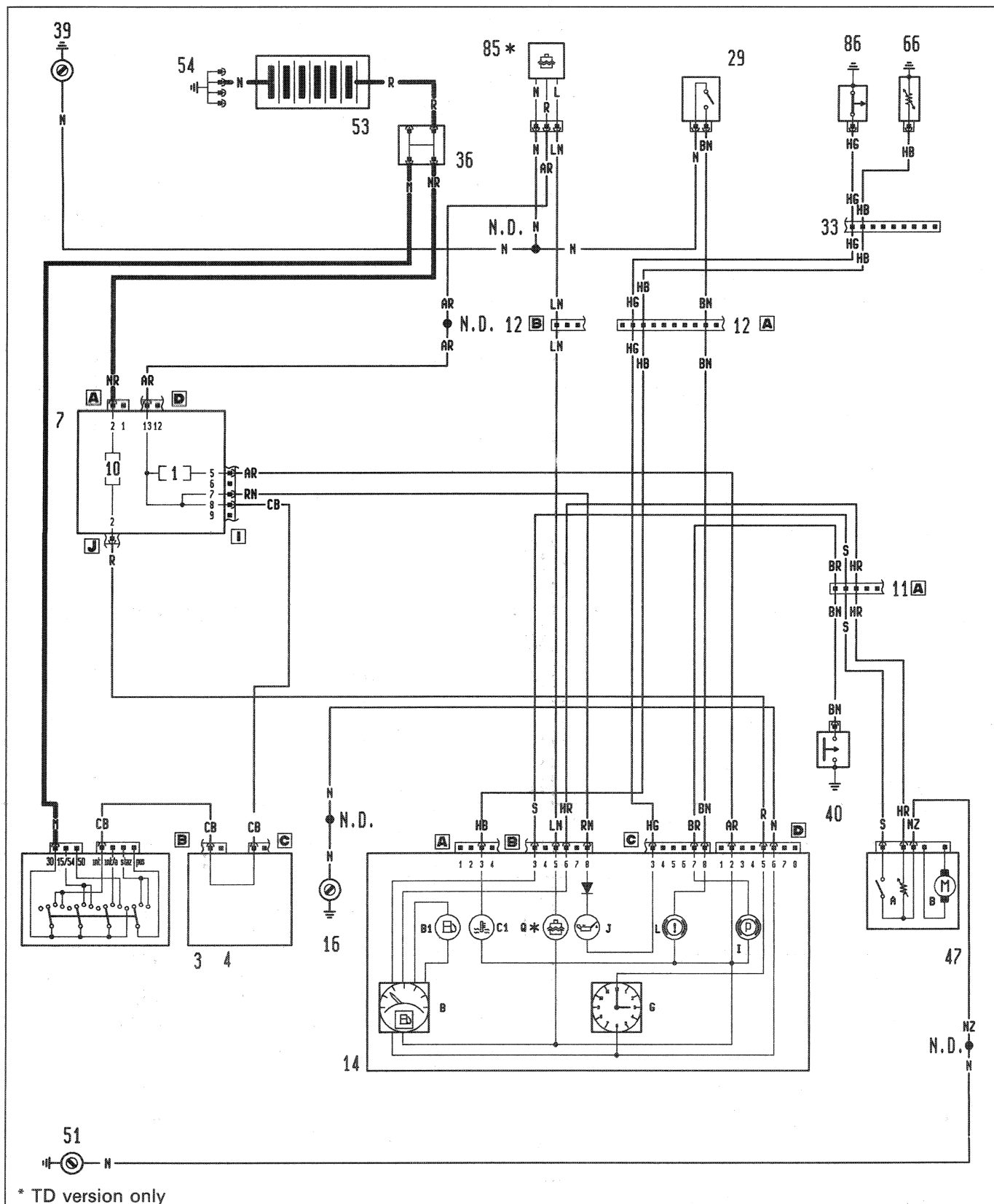


P3M05ZL01

55.

Version: F

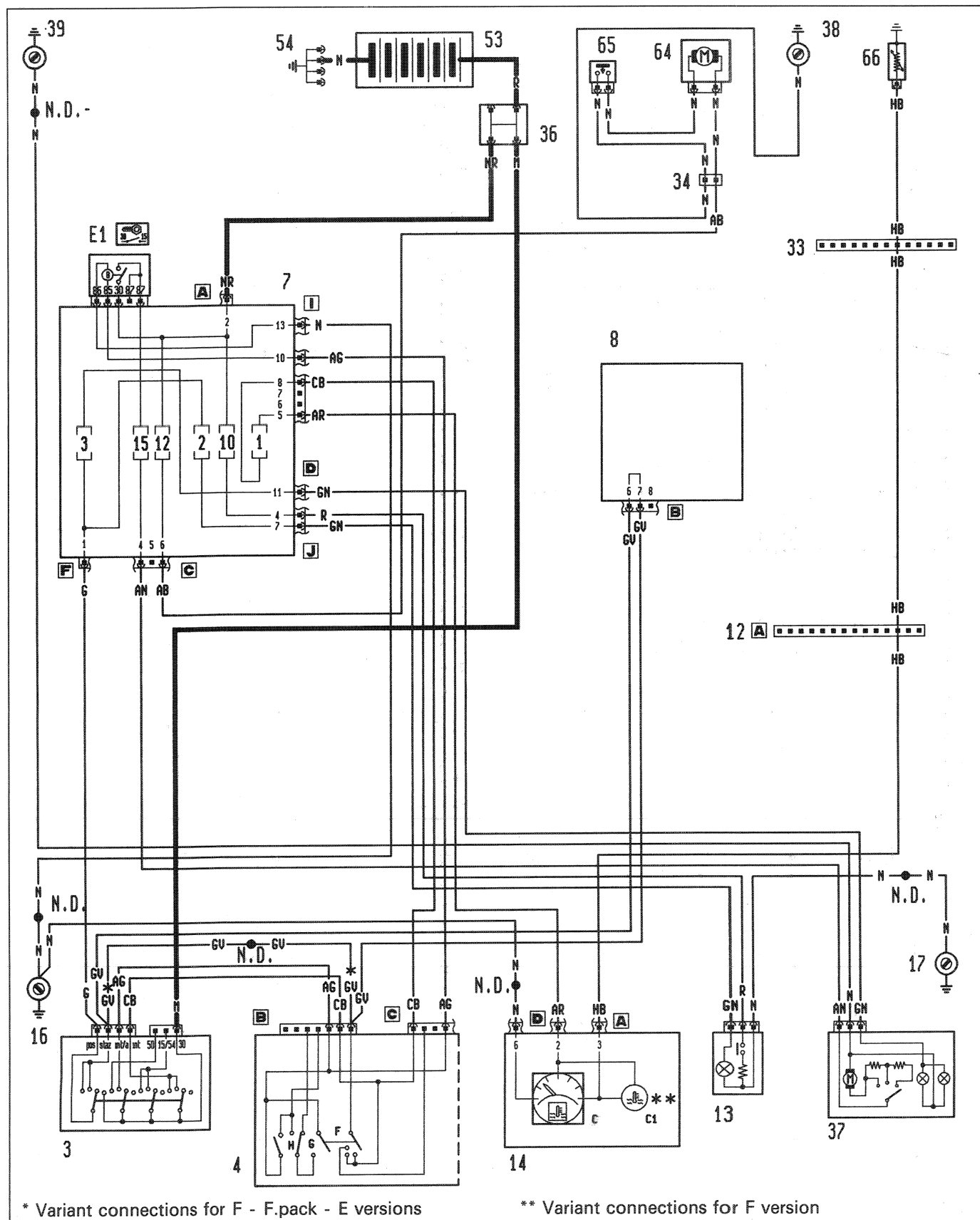
Fuel level gauge and reserve warning light - Low brake fluid level warning light - Handbrake warning light - Coolant overheating warning light - Low engine oil pressure warning light - Water in fuel filter warning light - Clock - (see key following diagrams)



P3M06ZL01

Version without air conditioner: All

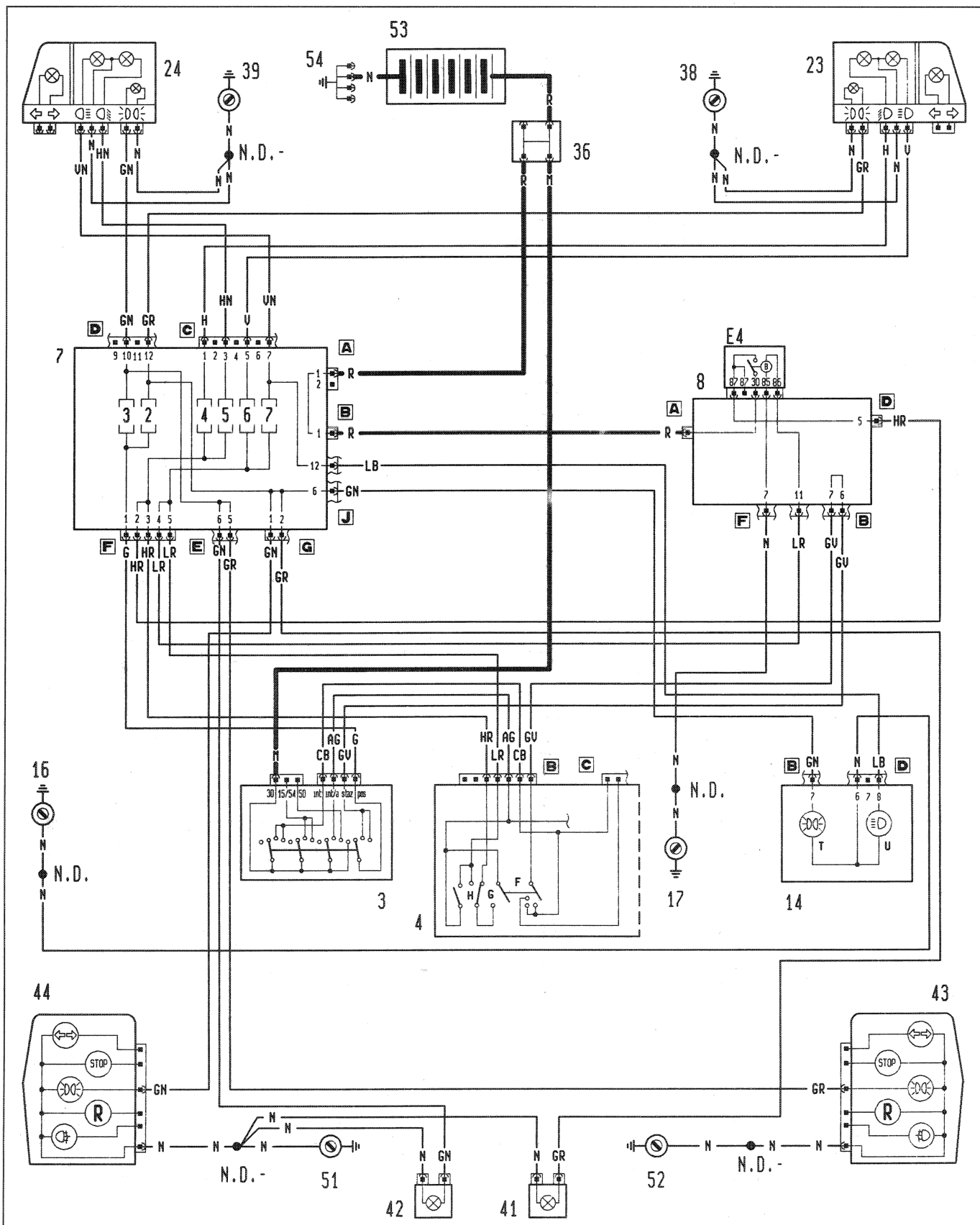
Engine cooling system - Car interior ventilation - Water temperature gauge - Cigar lighter - (see key following diagrams)



P3M07ZL01

Version: E.pack - 1372 MPI turbo

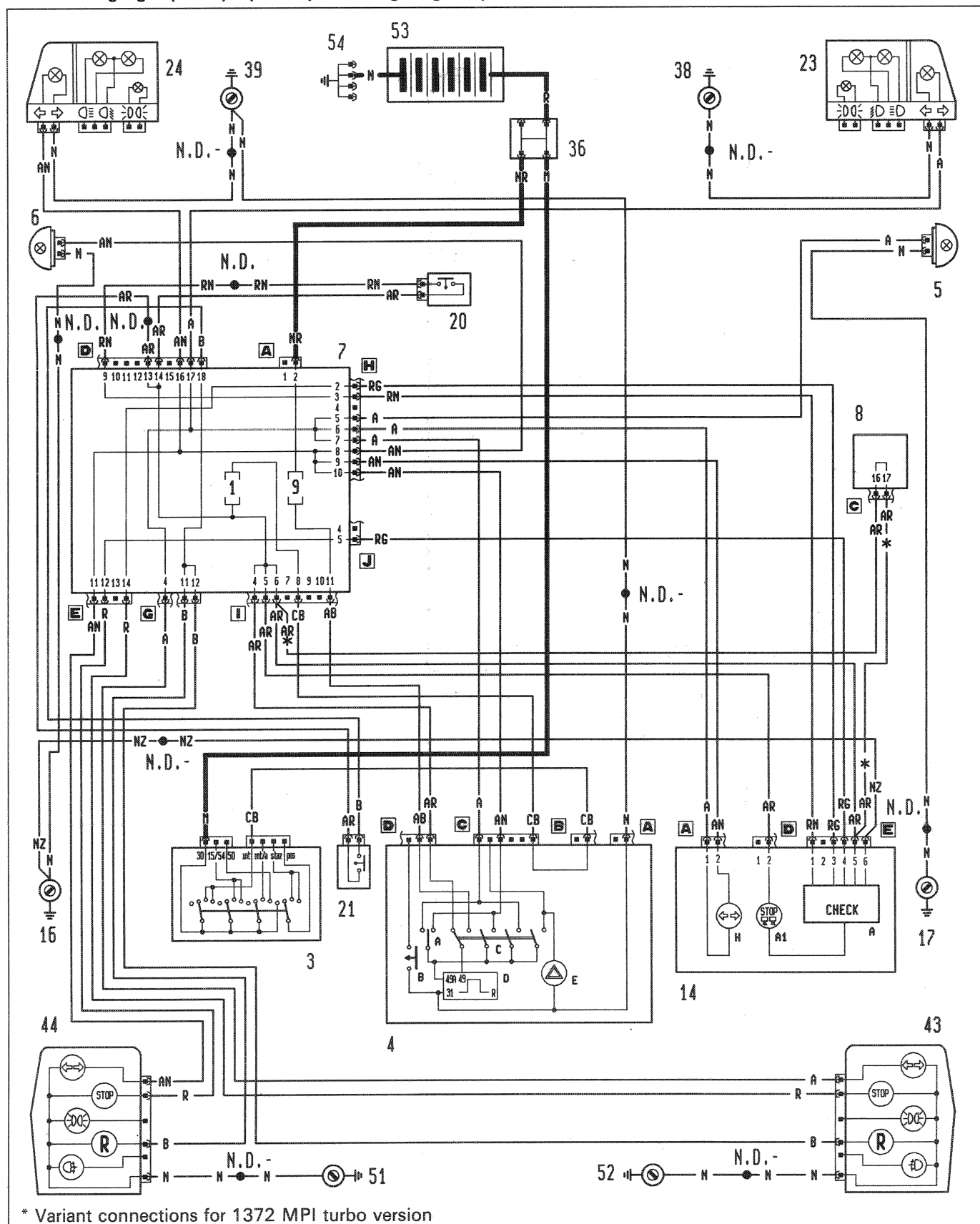
Side lights and warning lamp - Dipped beam headlamps - Main beam headlamps and warning light - Headlamp flasher - Number plate lights - (see key following diagrams)



P3M082L01

Version: E.pack - 1372 MPI turbo

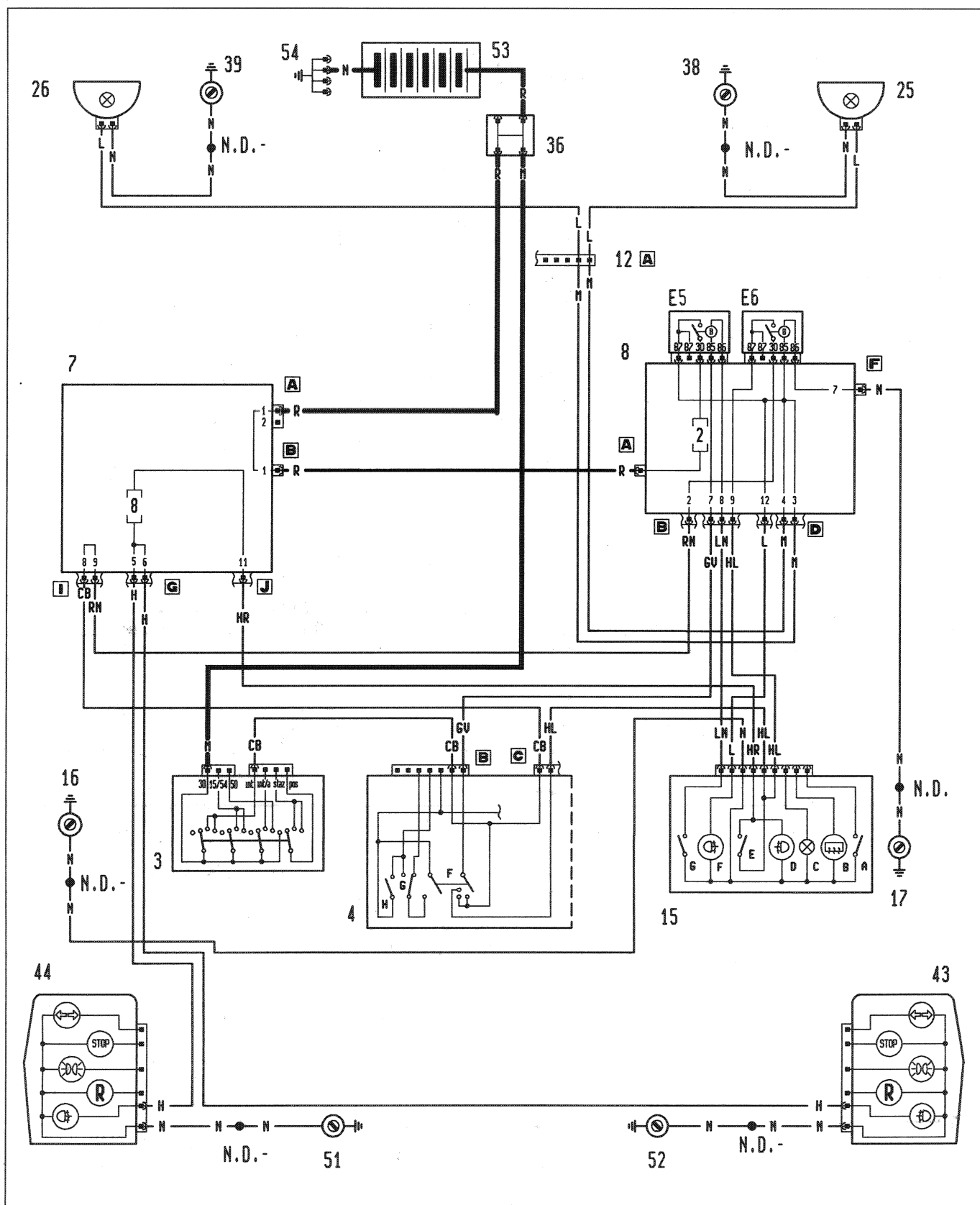
Direction indicators and warning lamp - Hazard warning lights and warning lamp - Reversing lights - Stop lights and fault warning light (check) - (see key following diagrams)



55.

Version: E.pack - 1372 MPI turbo

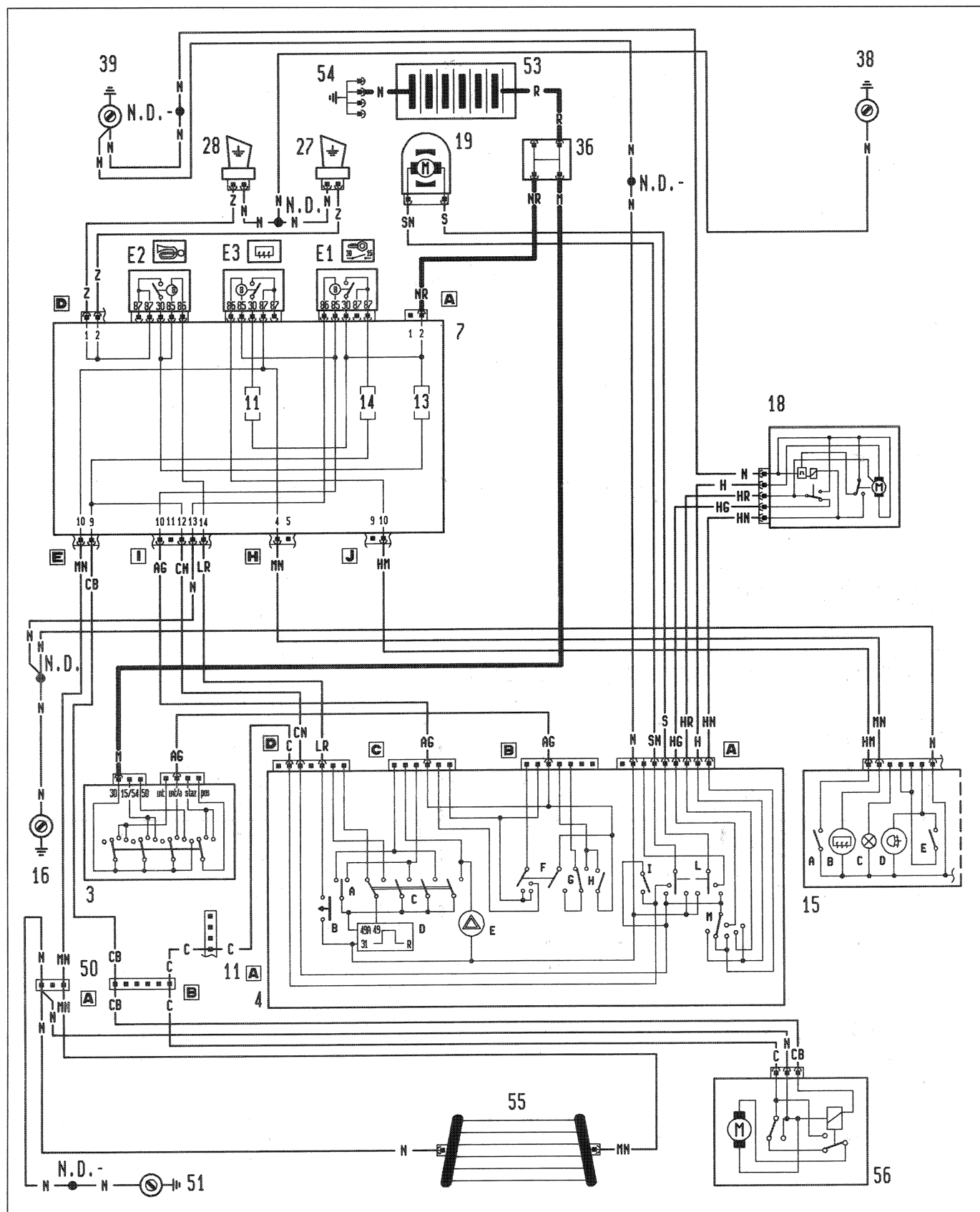
Front fog lamps and warning light - Rear fog lamps and warning light - (see key following diagrams)



P3M10ZL01

Version: E - E.pack -

Windscreen wiper - Rear window wash/wipe - Windscreen and rear window washer pump - Electric horns - Heated rear window and warning light - (see key following diagrams)

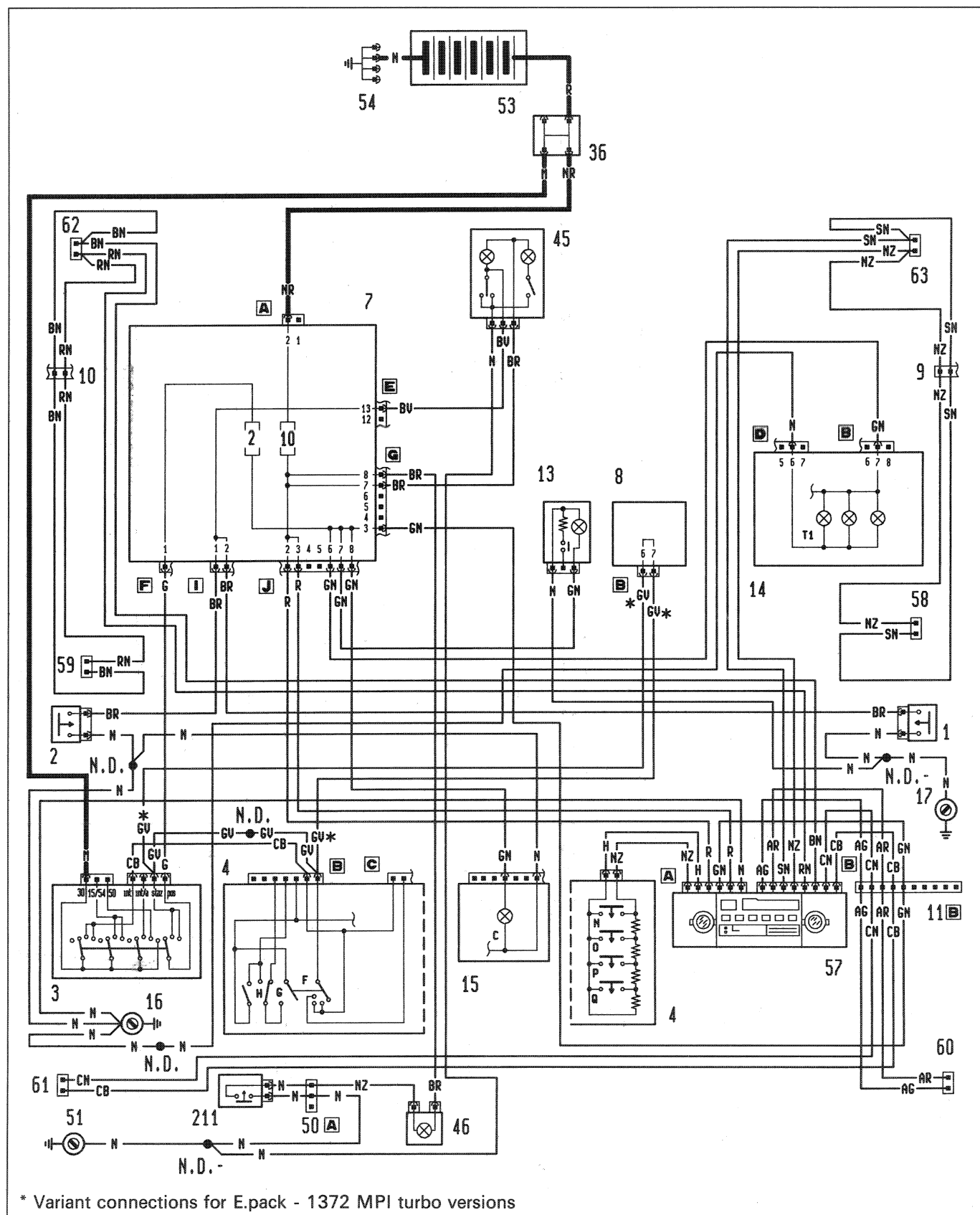


P3M11ZL01

55.

Version: 1242 1697 TD (3p) F.pack - 1242 MPI E - E.pack - 1372 MPI turbo

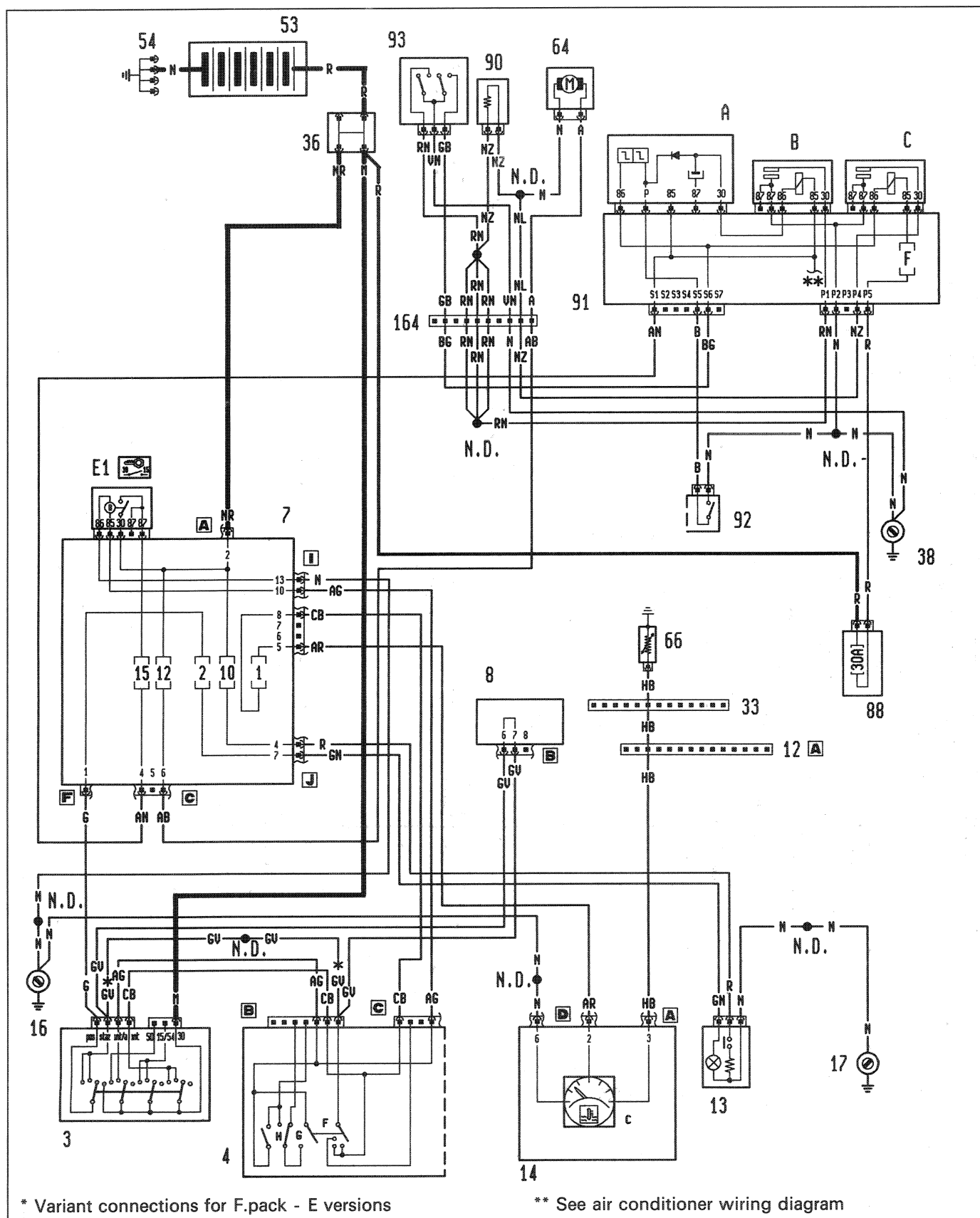
Car radio - Courtesy light - Symbol illumination - (see key following diagrams)



P3M12ZL01

Petrol version with air conditioner: F.pack - E - E.pack

Engine cooling system - Car interior ventilation - Water temperature gauge - Cigar lighter - (see key following diagrams)

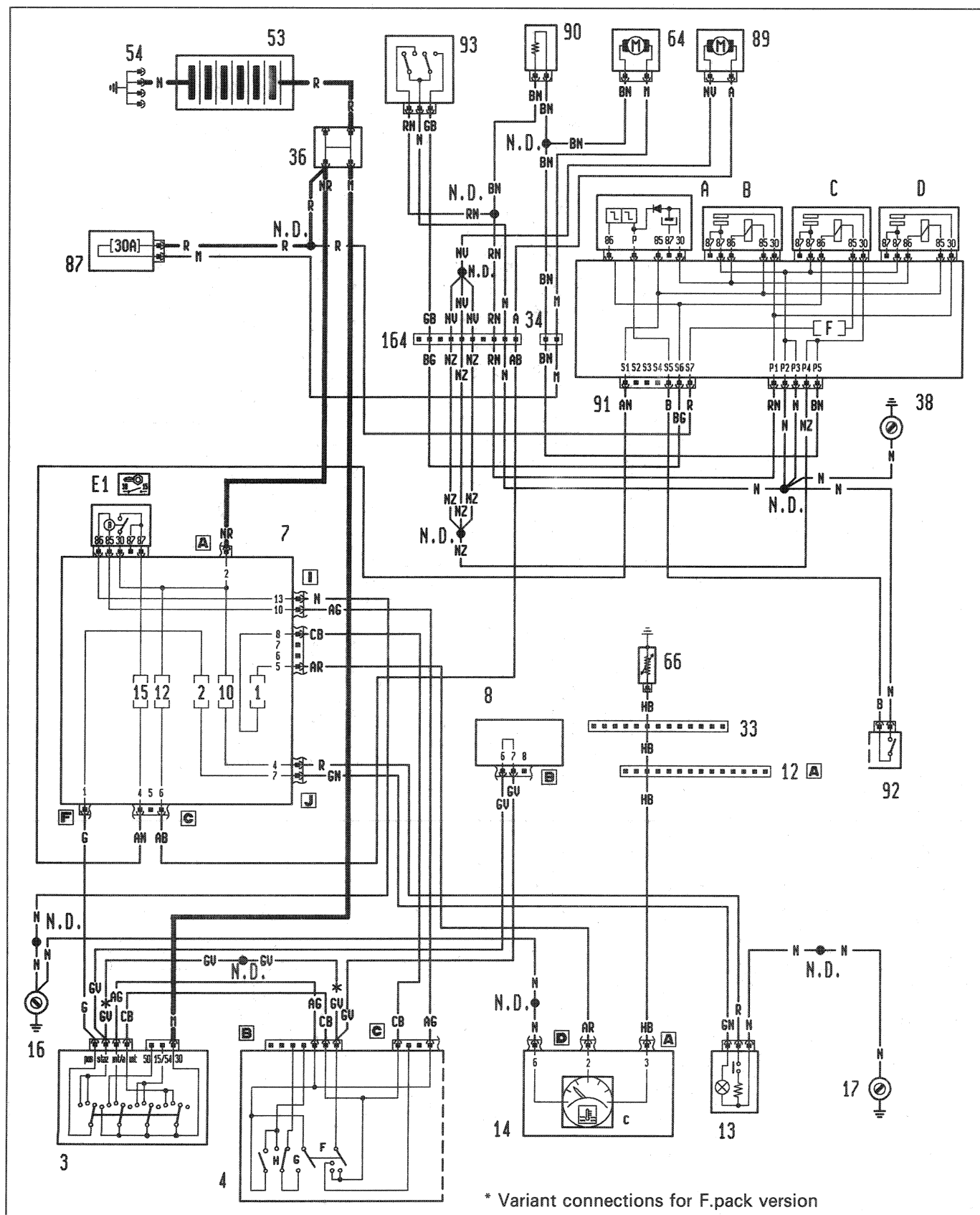


P3M13ZL01

55.

TD version with air conditioner: F.pack - E.pack

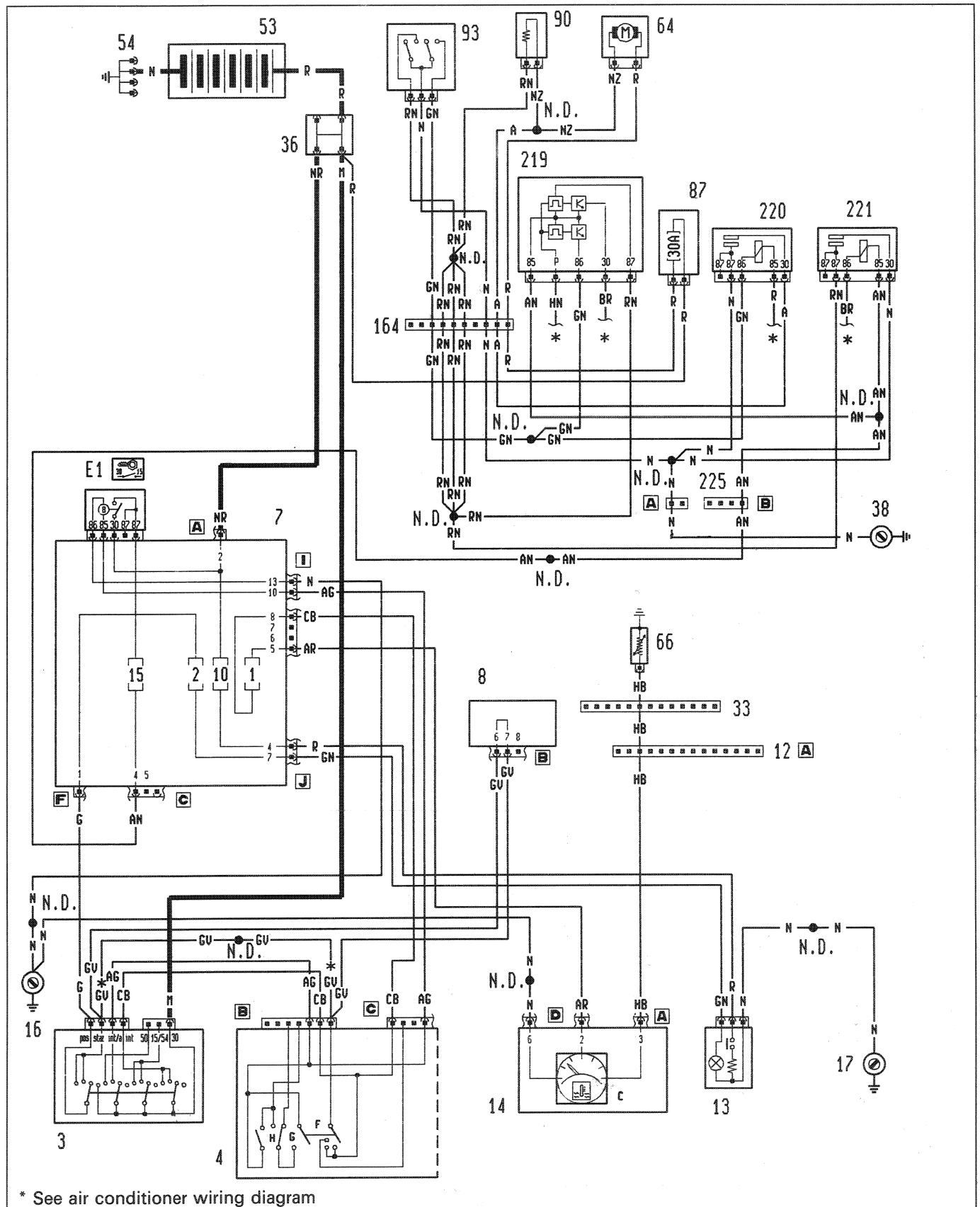
Engine cooling system - Car interior ventilation - Water temperature gauge - Cigar lighter - (see key following diagrams)



P3M14ZL01

Version with air conditioner: 1372 MPI turbo

Engine cooling system - Car interior ventilation - Water temperature gauge - Cigar lighter - (see key following diagrams)

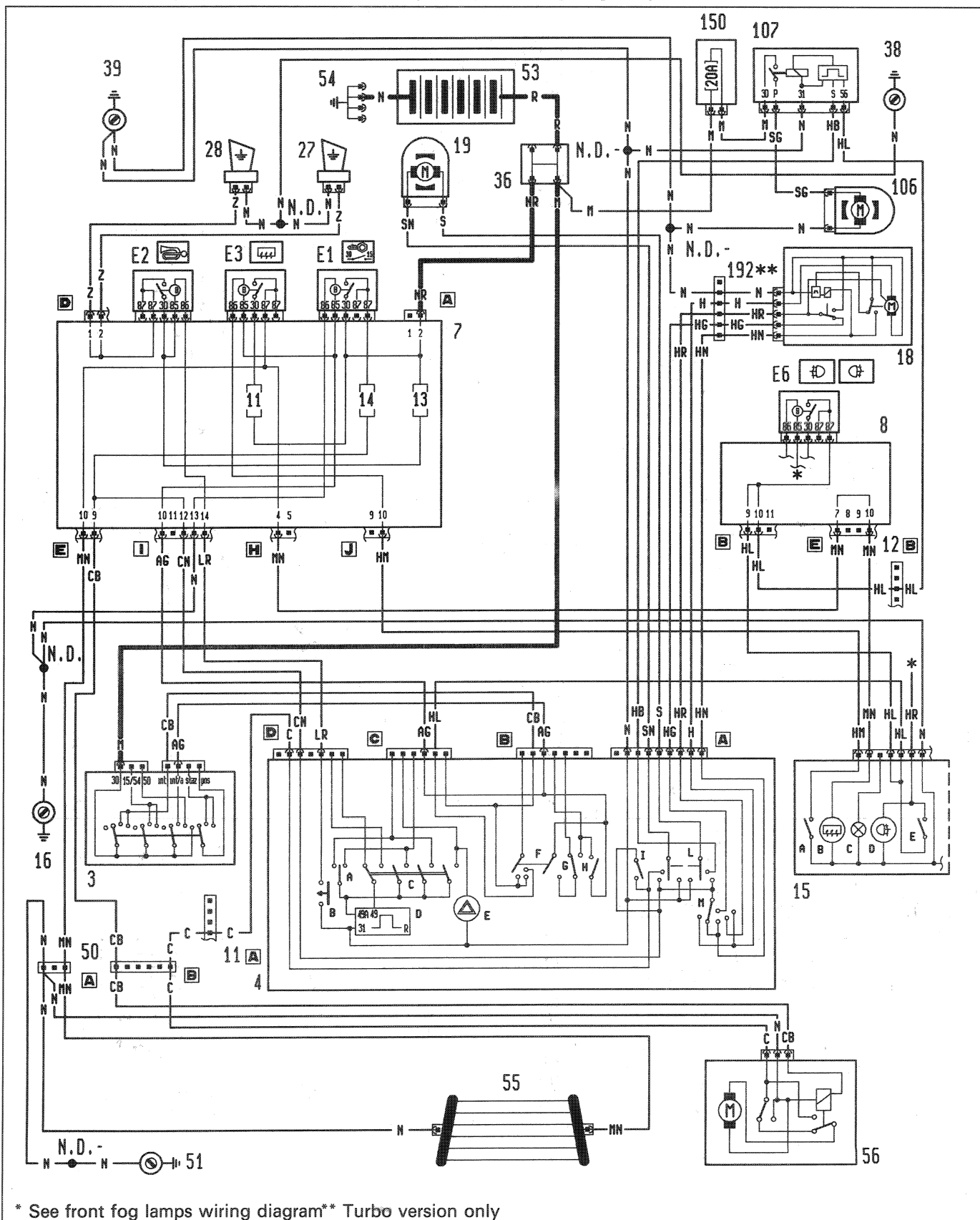


P3M15ZL01

55.

Version: 1372 MPI turbo - Northern Europe

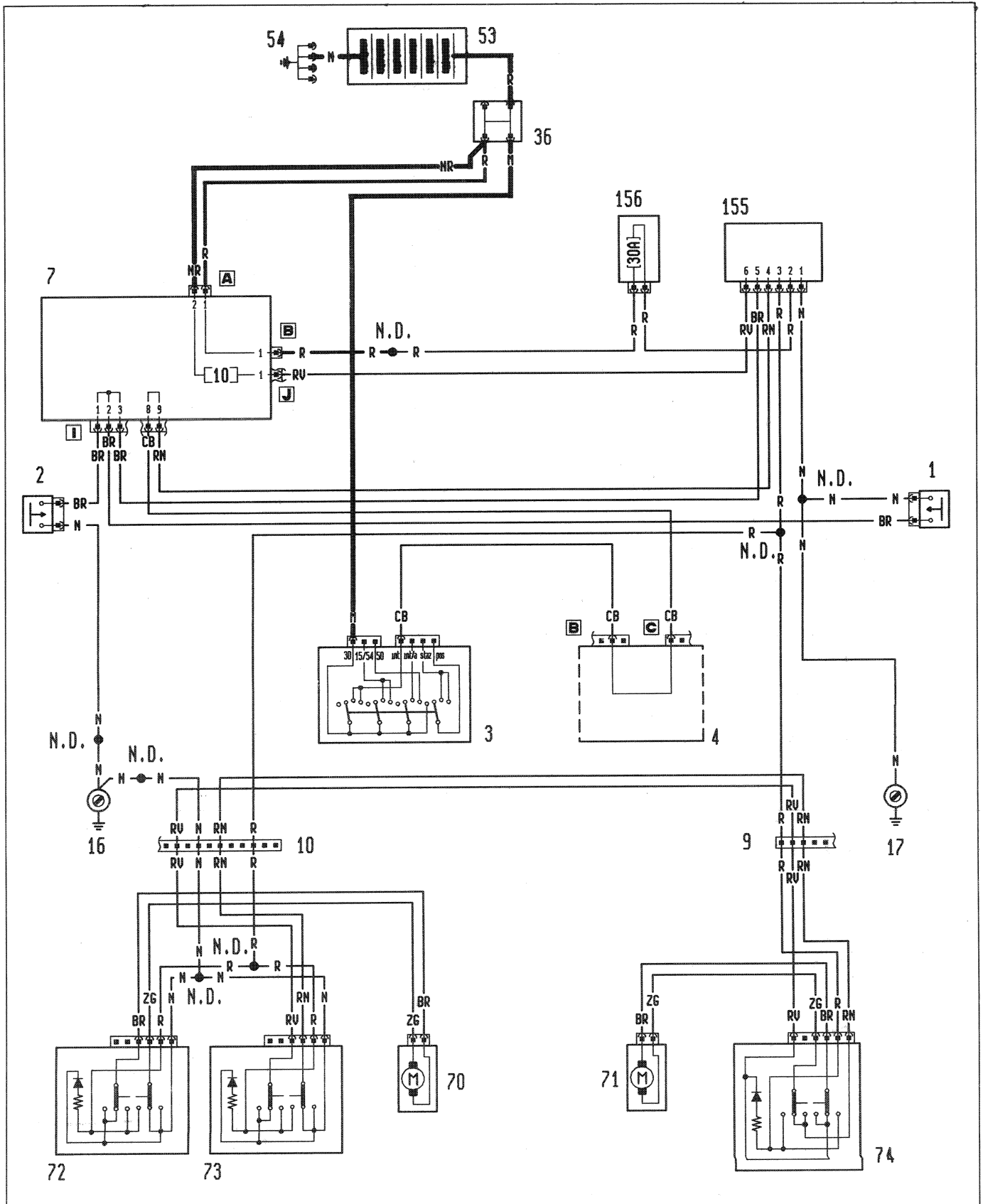
Windscreen wiper - Rear window wash/wipe - Windscreen and rear window washer pump - Electric horns - Heated rear window and warning light - Headlamp washer - (see key following diagrams)



P3M16ZL01

Version: F.pasch - E

Electric front windows - (see key following diagrams)

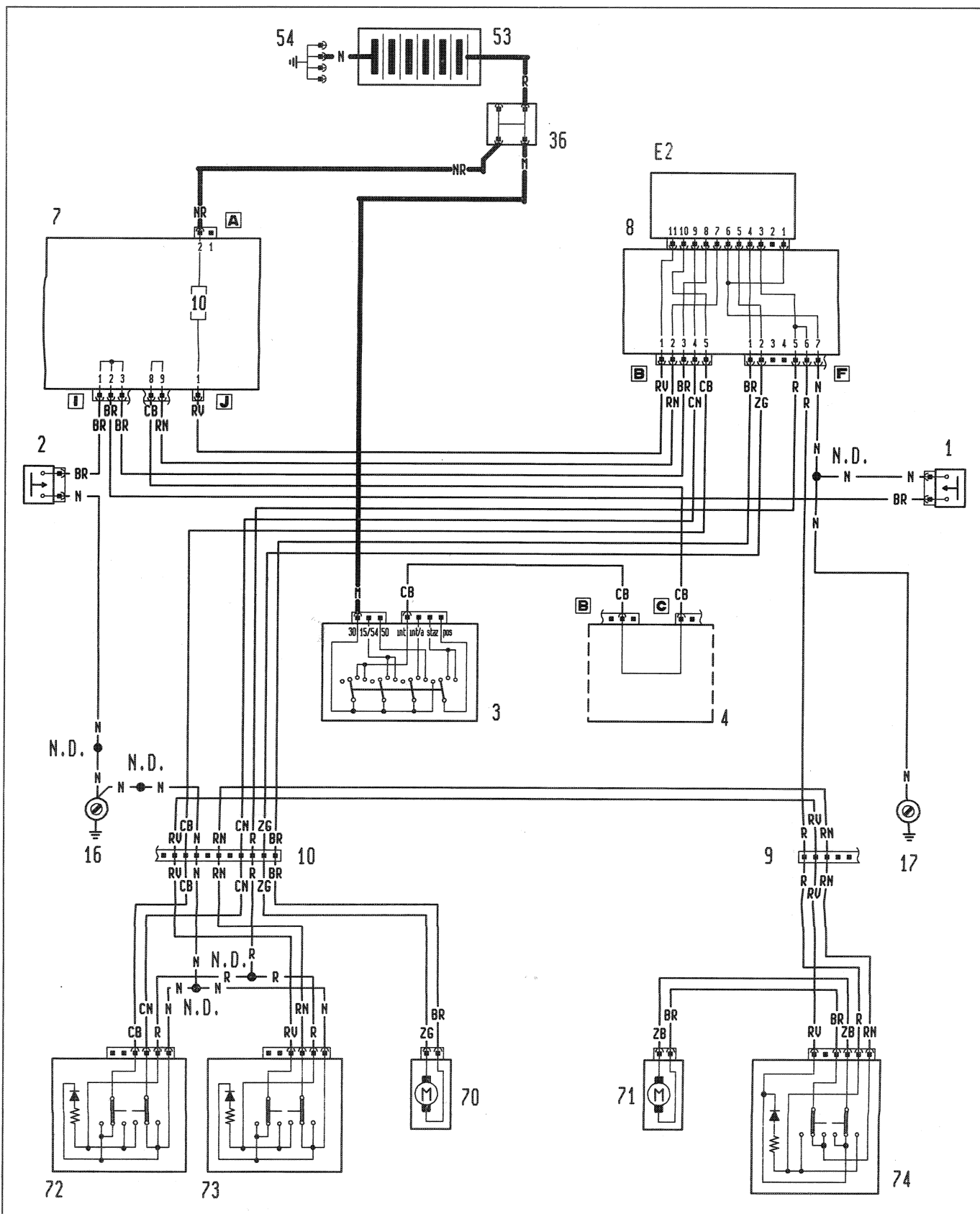


P3M17ZL01

55. ■

Version: E.pack - 1372 MPI turbo

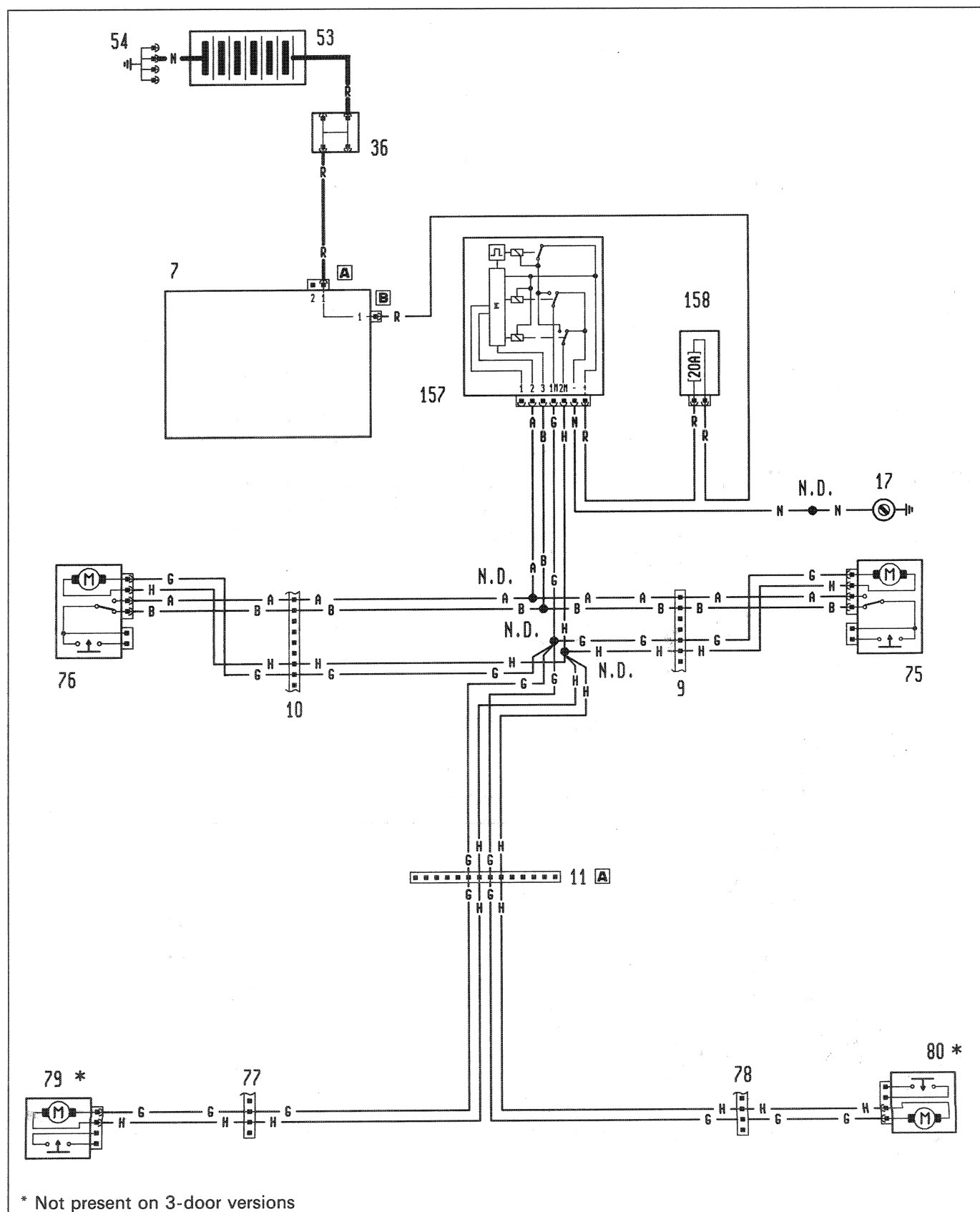
Electric front windows - (see key following diagrams)



P3M18ZL01

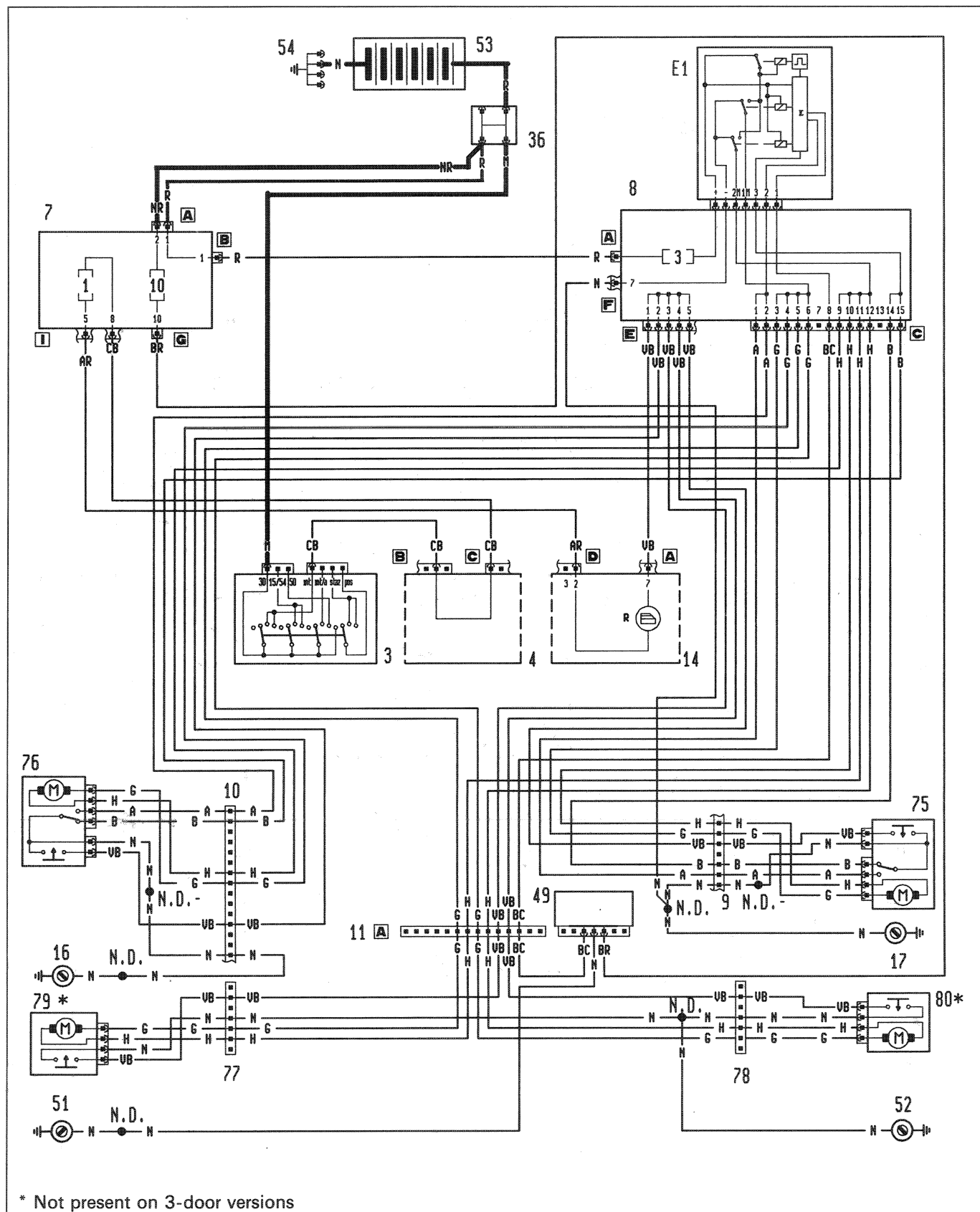
Version: F.pack - E

Central door locking system - (see key following diagrams)



P3M19ZL01

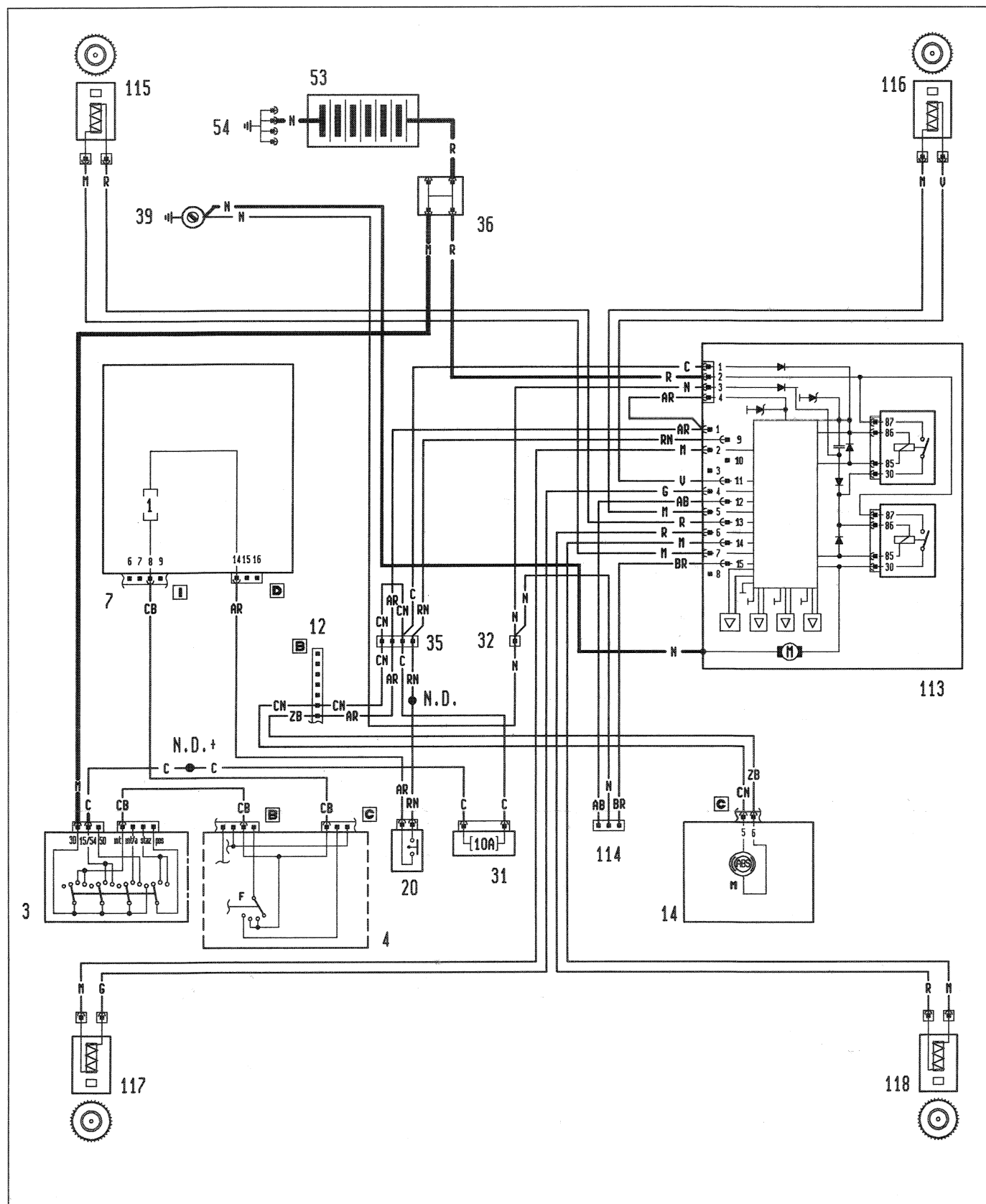
Central door locking system - Doors open warning light - (see key following diagrams)



P3M20ZL01

Version: F.pack - E.pack - 1372 MPI turbo

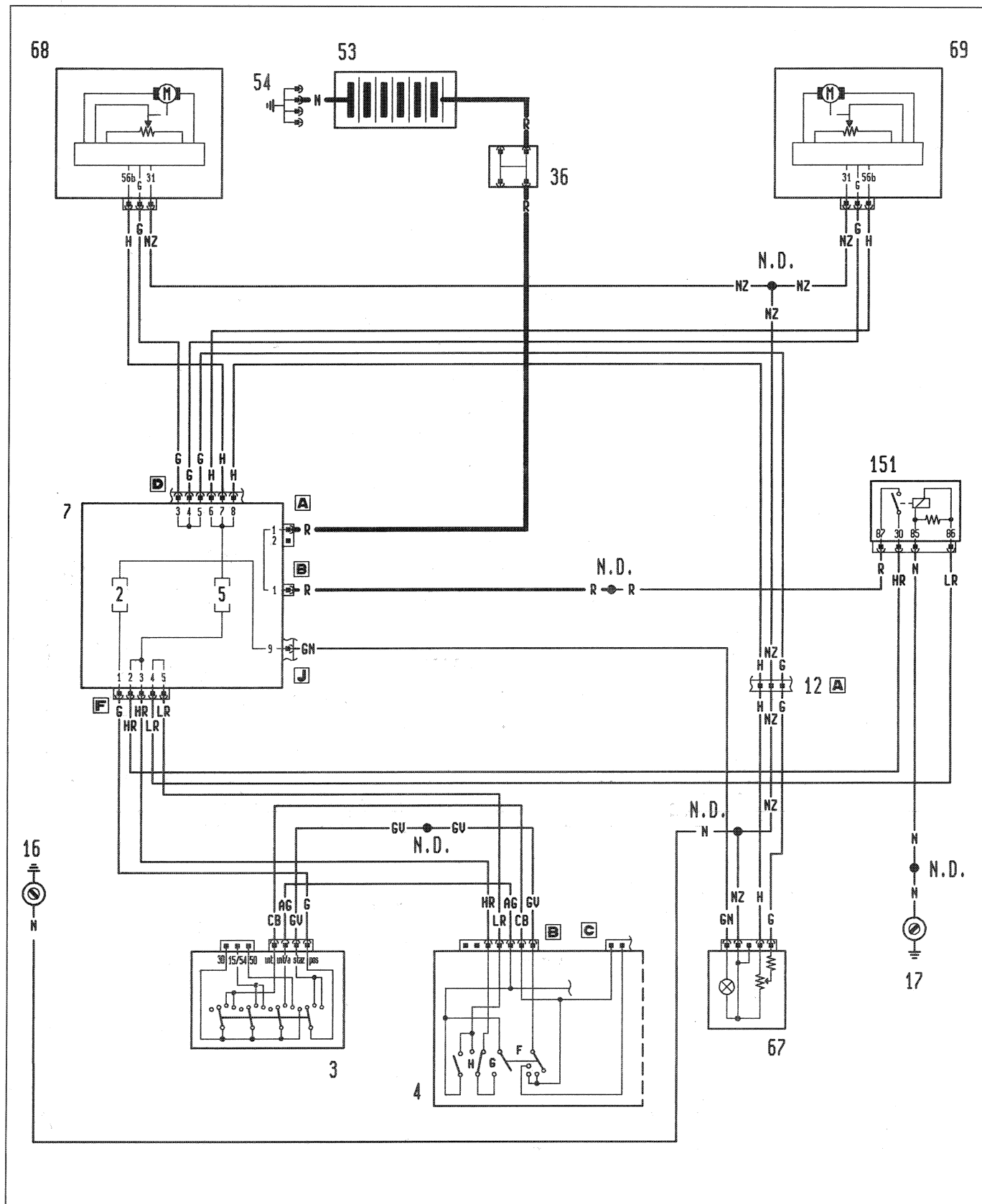
Anti-lock braking system and warning light (A.B.S. 2SH) - (see key following diagrams)



P3M21ZL01

Version: F.pack - E

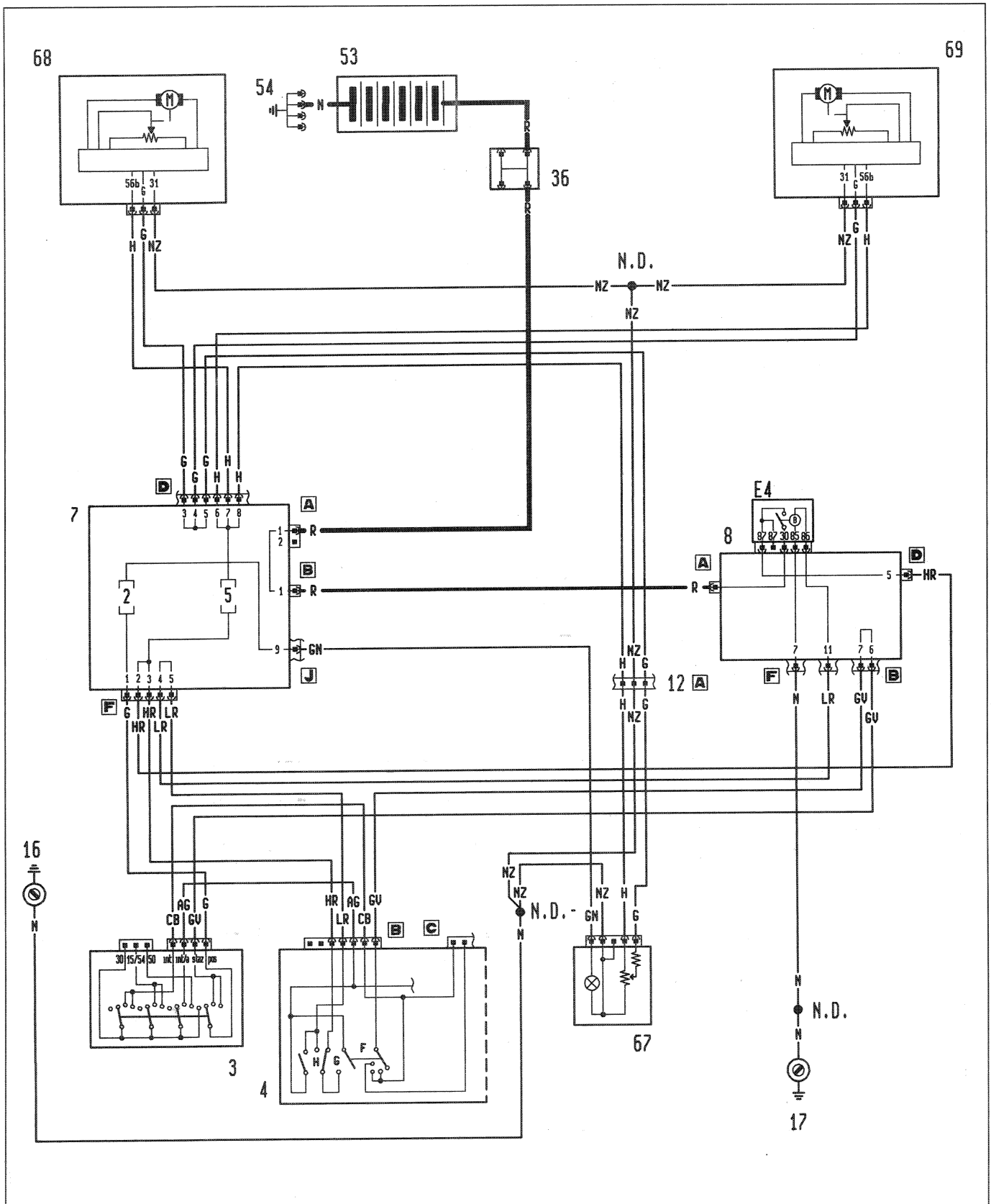
Headlamp adjuster - (see key following diagrams)



P3M22ZL01

Version: E.pack - 1372 MPI turbo

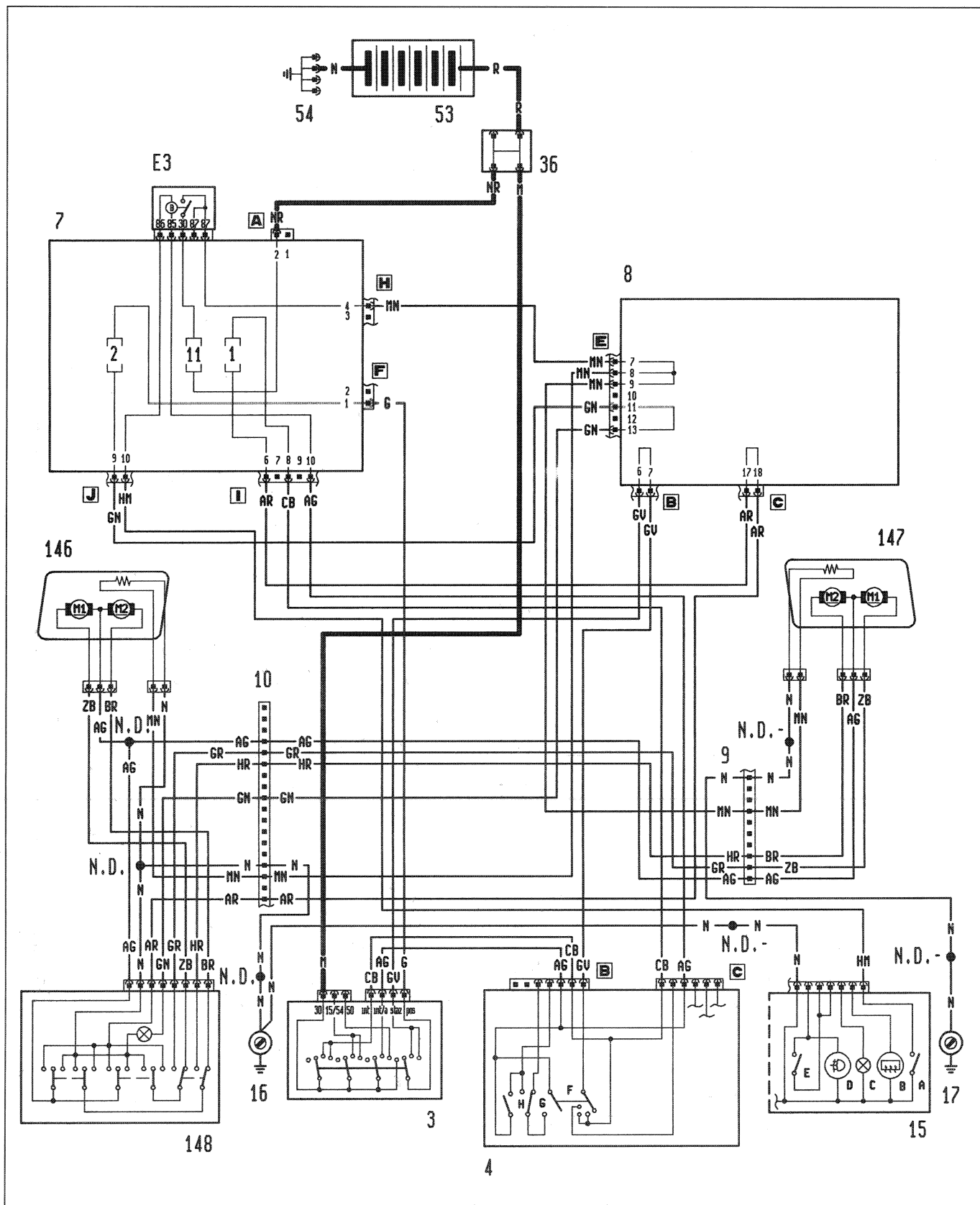
Headlamp adjuster - (see key following diagrams)



P3M23ZL01

Version: 1372 MPI turbo

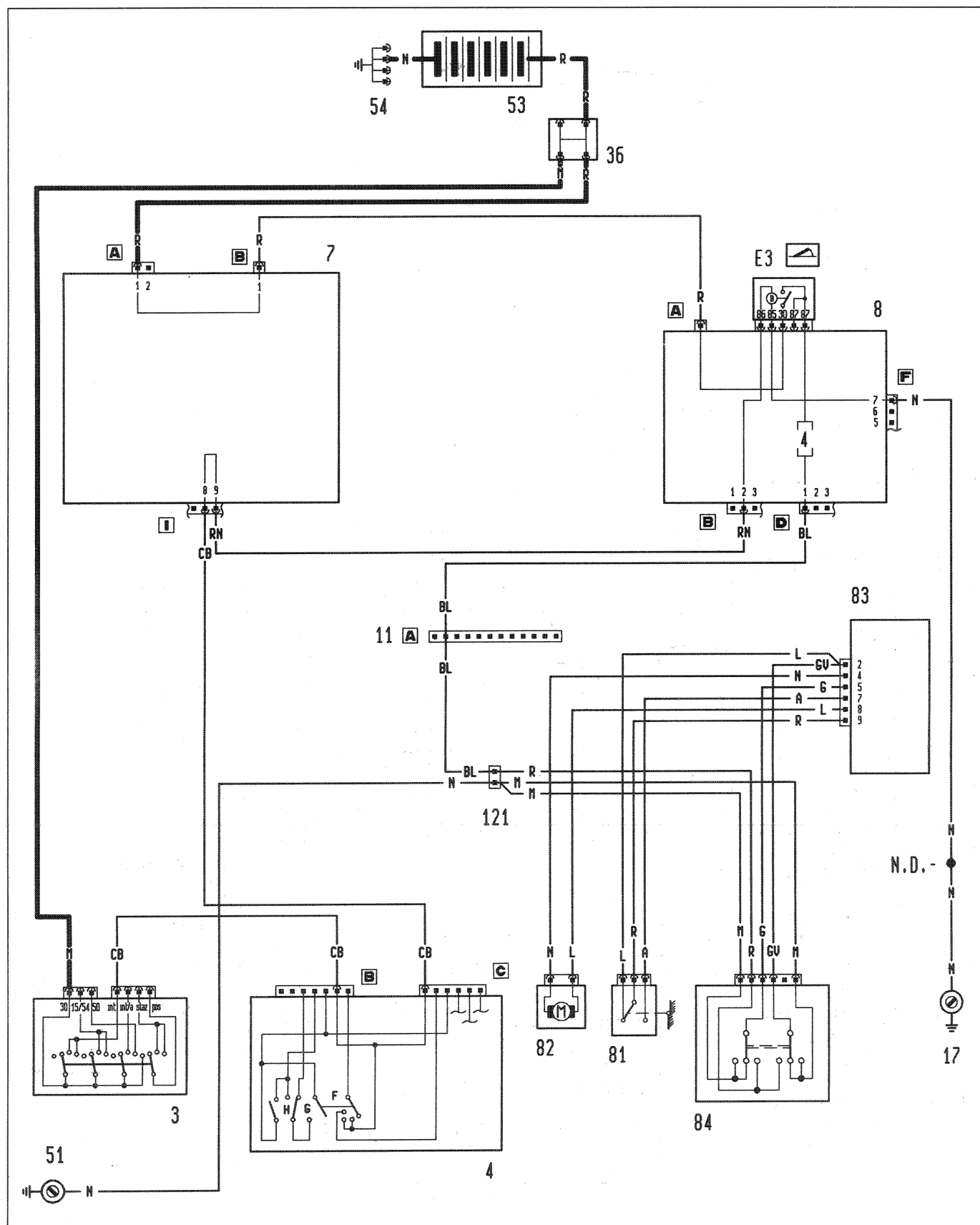
Electric heated exterior rearview mirrors - (see key following diagrams)



P3M24ZL01

Version: E.pack - 1372 MPI turbo

Electric sunroof - (see key following diagrams)

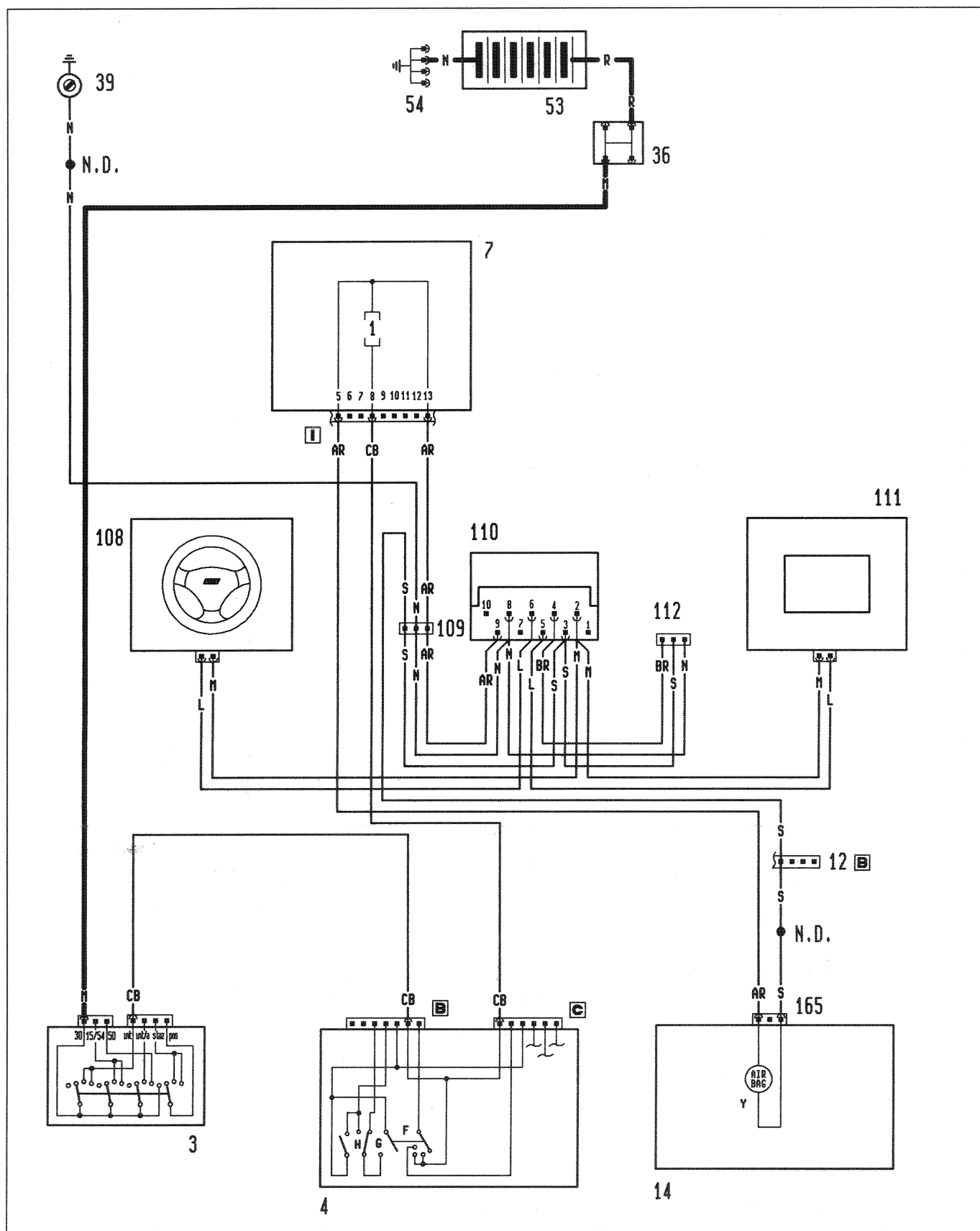


P3M25ZL01

55.

Version: All

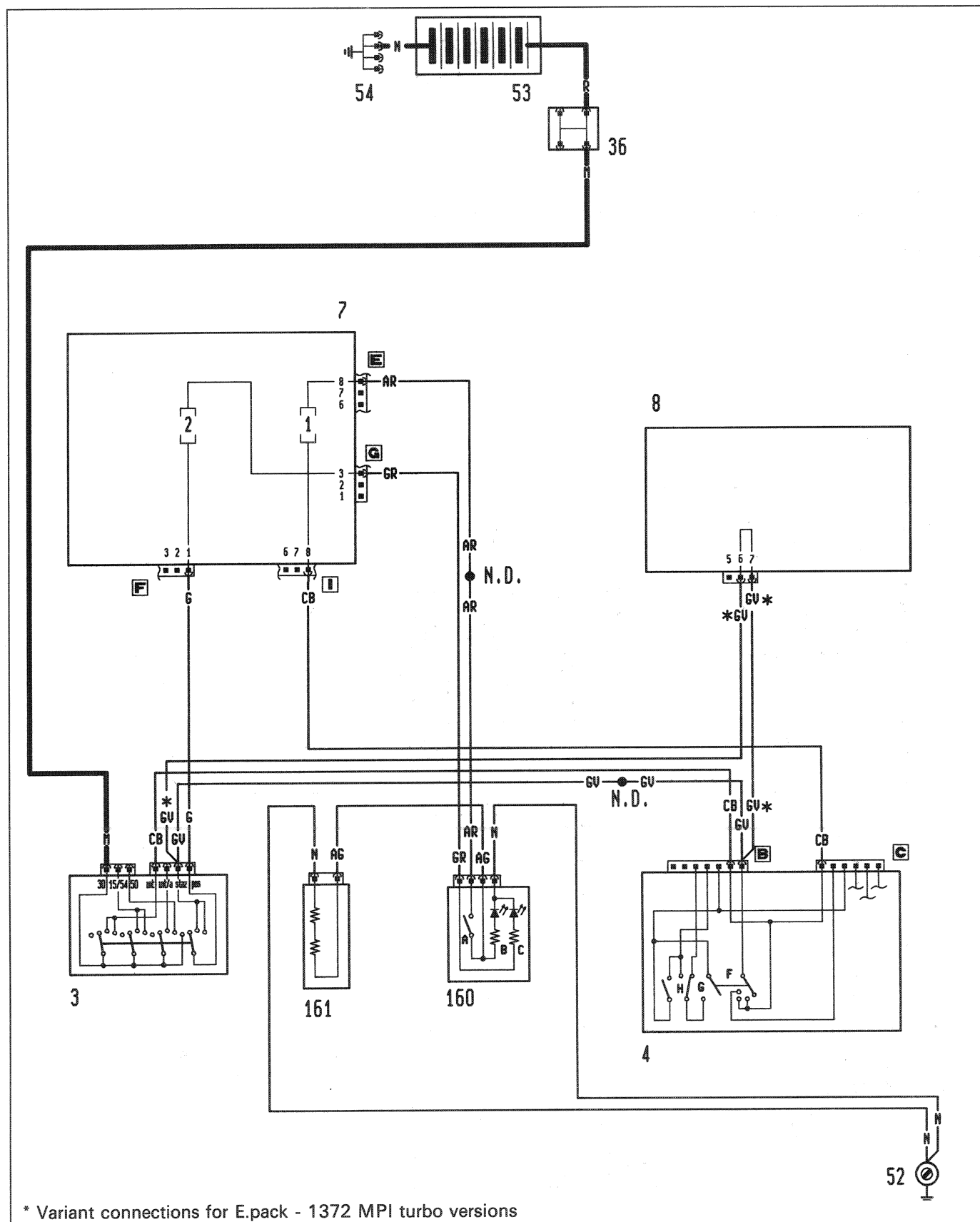
Air Bag and relevant fault warning light - (see key following diagrams)



P3M26ZL01

Northern Europe version: 1242 MPI F - F.pack - E.pack - 1372 MPI turbo

Driver's heated seat - (see key following diagrams)

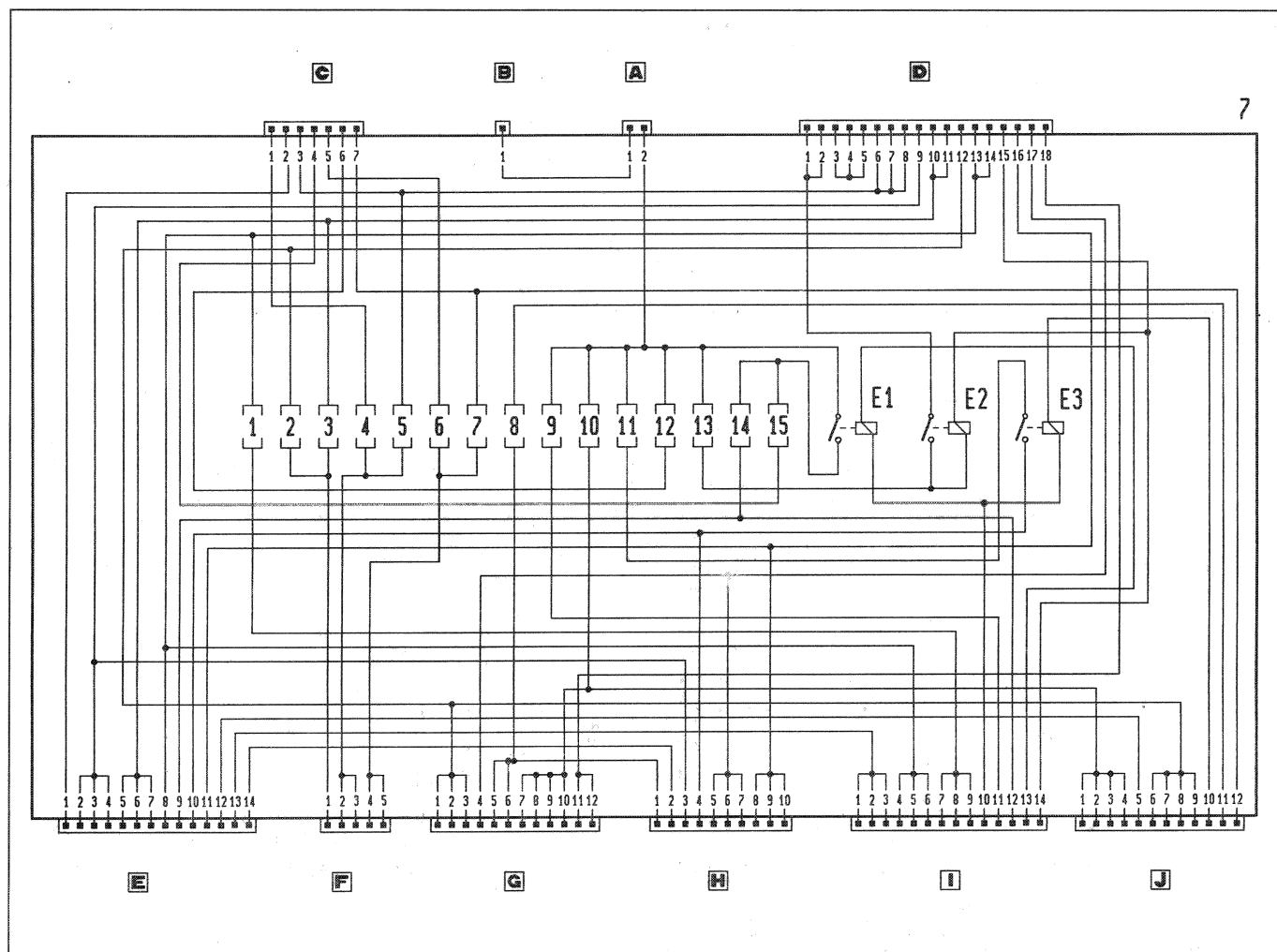


* Variant connections for E.pack - 1372 MPI turbo versions

P3M272L01

Version: All

Junction unit - (See key following diagrams)



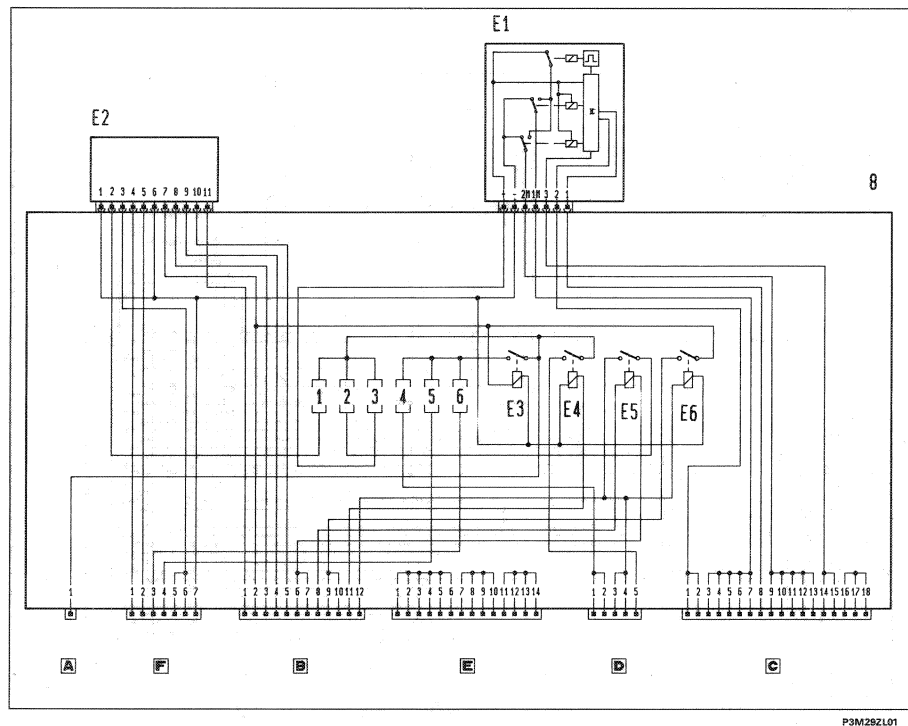
P3M28ZL01

List of fuses in junction unit 7

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

Version: E.pack - 1372 MPI turbo

Junction unit (optional devices) - (See key following diagrams)



List of fuses in junction unit 8 (optional devices)

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

Electrical system

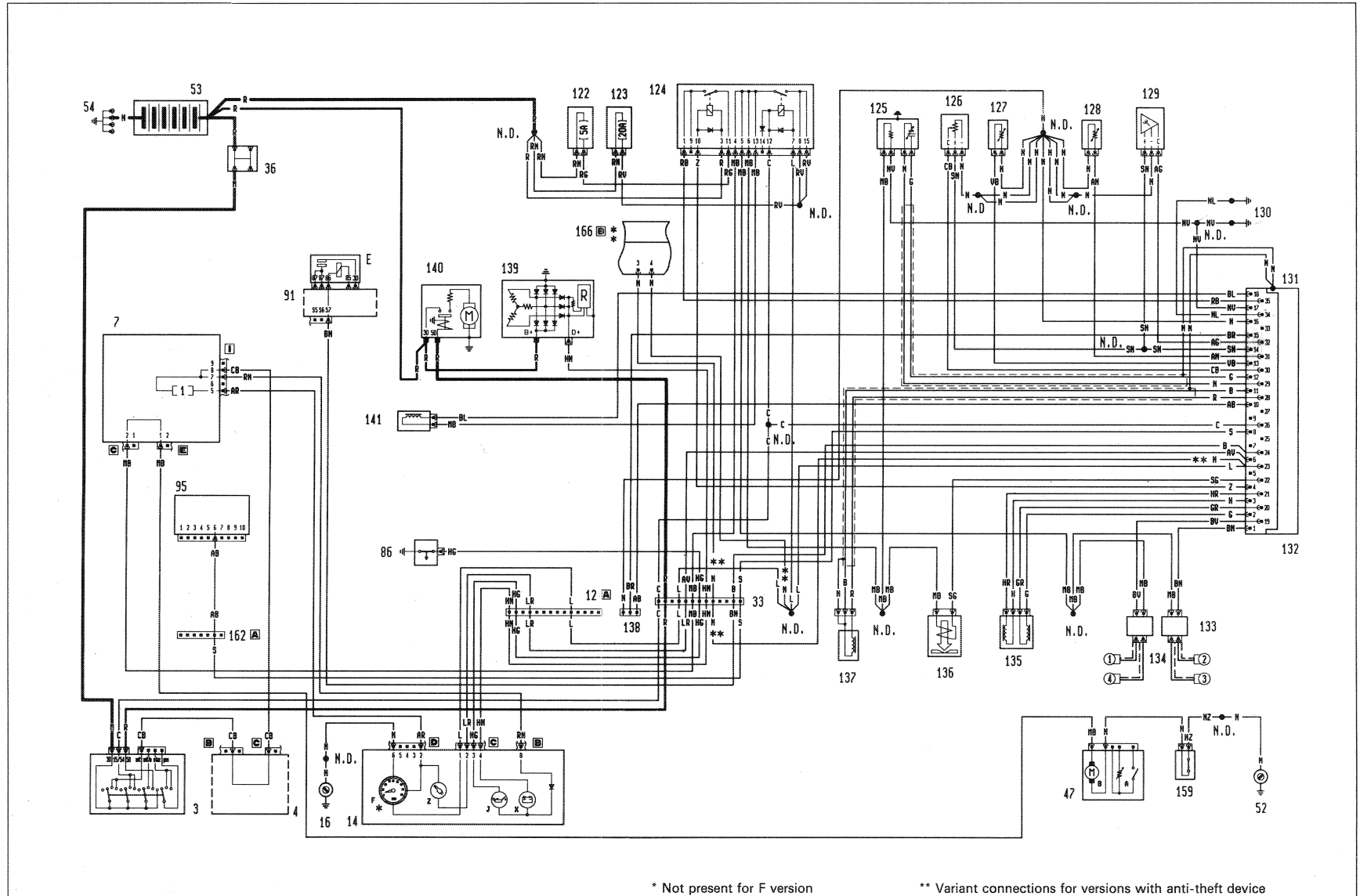
Wiring diagrams

Punto

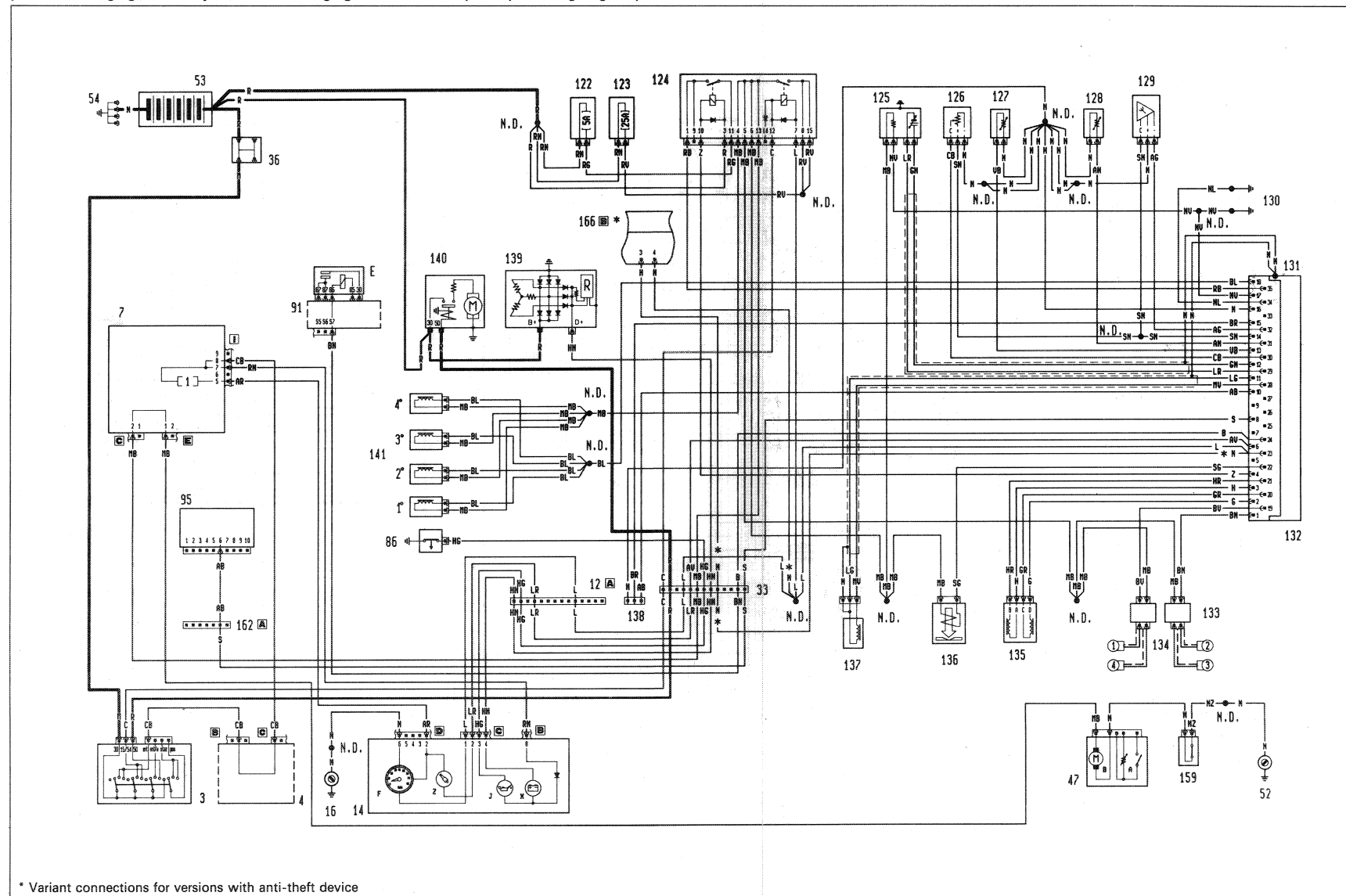
55.

Version: 1108 SPI - 1242 SPI

Starting system - I.A.W. 6F.SB electronic ignition-fuel injection - Recharging system and warning light - Low engine oil pressure warning light - Fuel injection fault warning light - Rev counter - (See key following diagrams)



Starting system - I.A.W. 8F.5T electronic ignition-fuel injection - Recharging system and warning light - Low engine oil pressure warning light - Fuel injection fault warning light - Rev counter - (See key following diagrams)



Electrical system

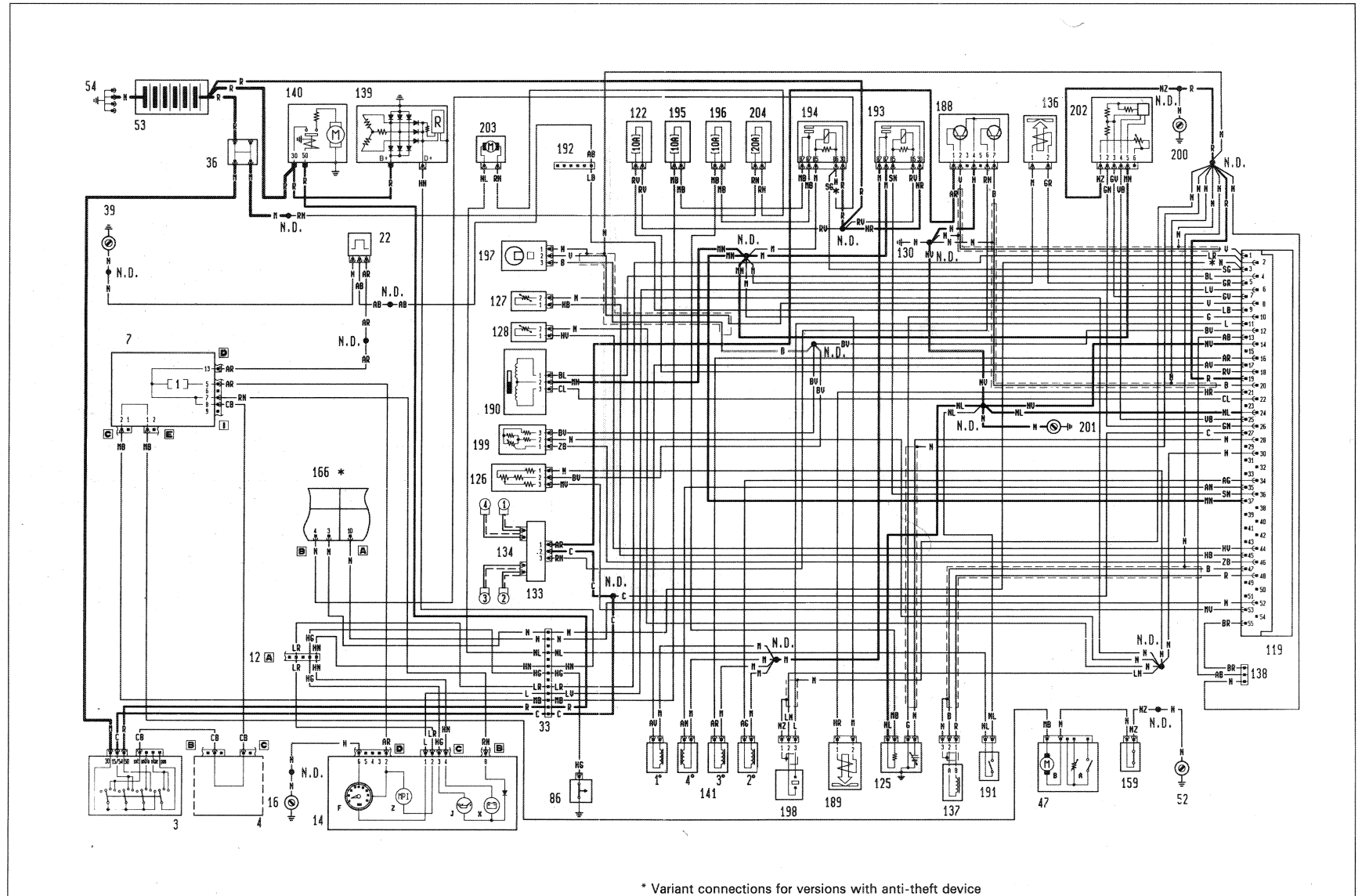
Wiring diagrams

Punto

55.

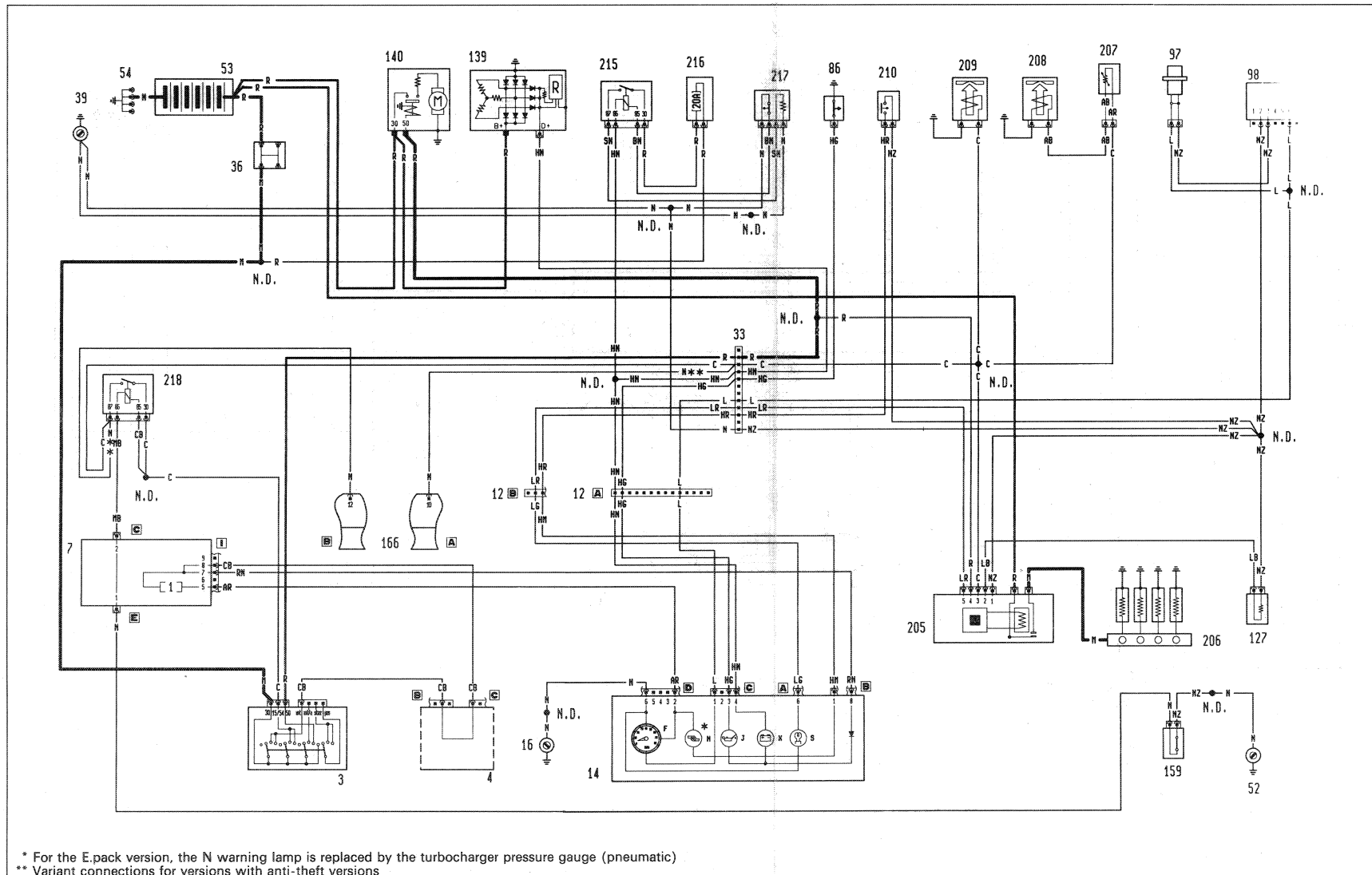
Version: 1372 MPI turbo

Starting system - Motronic (Bosch) electronic ignition-fuel injection - Recharging system and warning light - Low engine oil pressure warning light - Fuel injection fault warning light - Rev counter - (See key following diagrams)



Version: 1697 TD (EM.08)

Starting system - Plug preheating system and warning lamp - Recharging system and warning light - Cold automatic fuel injection advance device (K.S.B.) - Heated fuel filter system (P.T.C.) - Low engine oil pressure warning light - Maximum turbo boost pressure warning light - Rev counter - (See key following diagrams)



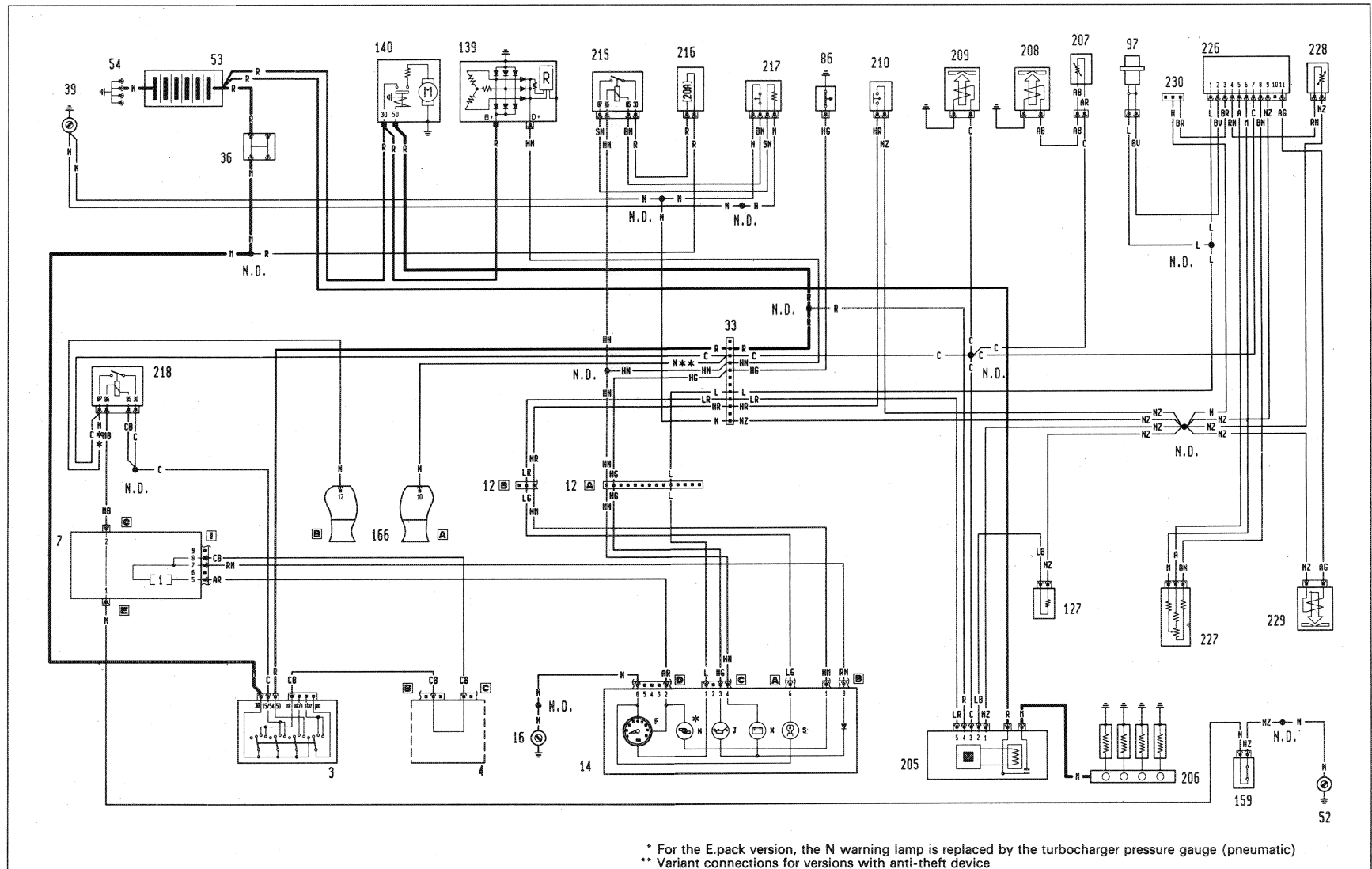
Electrical system Wiring diagrams

Punto

55.

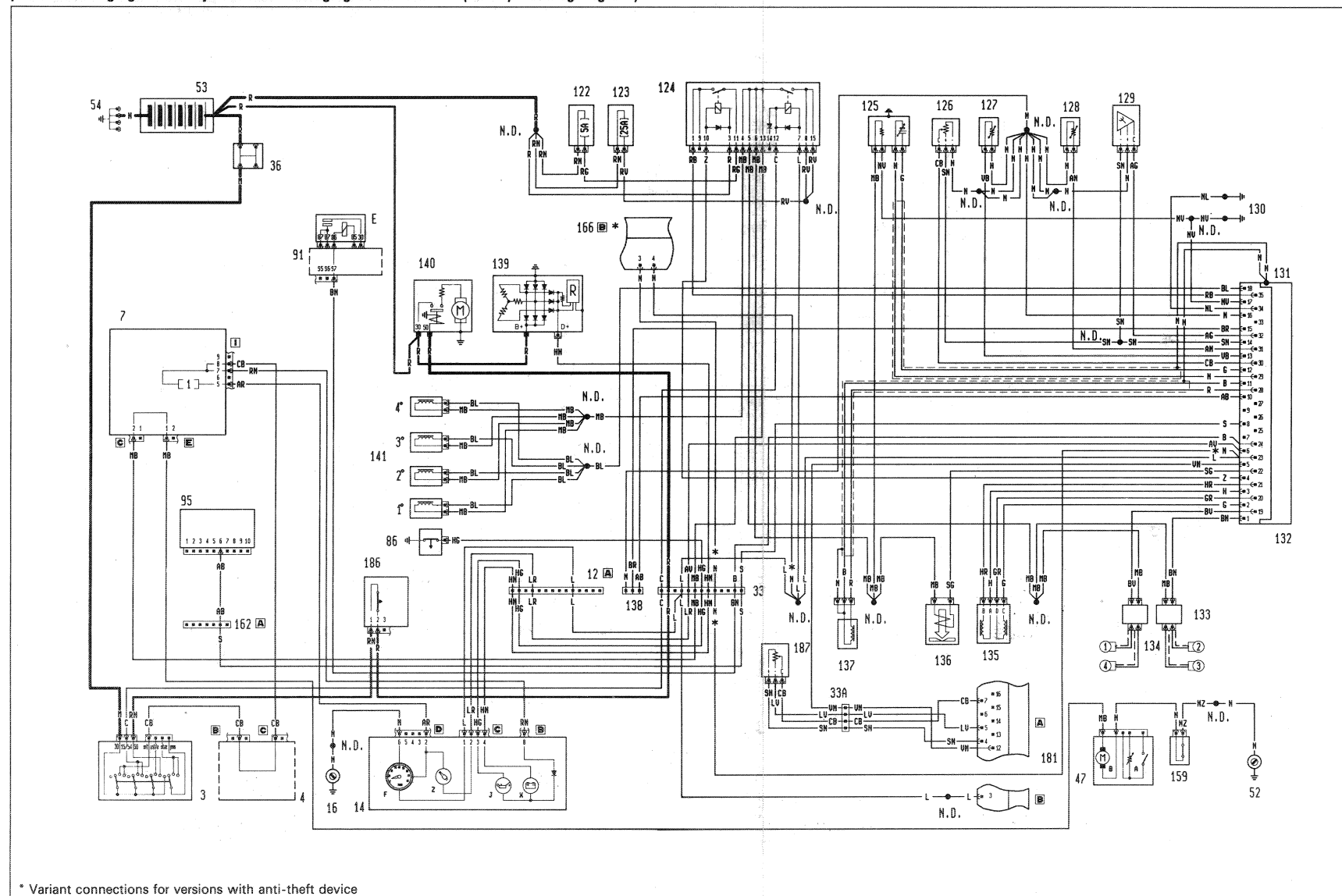
Version: 1697 TD (USA 87)

Starting system - Plug preheating system and warning lamp - Recharging system and warning light - Cold automatic fuel injection advance device (K.S.B) - E.G.R. electronic control unit - Heated fuel filter system (P.T.C.) - Low engine oil pressure warning light - Maximum turbo boost pressure warning light - Rev counter - (See key following diagrams)



Version with automatic transmission: 1242 SPI F.pack

Starting system - I.A.W.6F.SB electronic ignition-fuel injection - Recharging system and warning light - Low engine oil pressure warning light - Fuel injection fault warning light - Rev counter - (See key following diagrams)



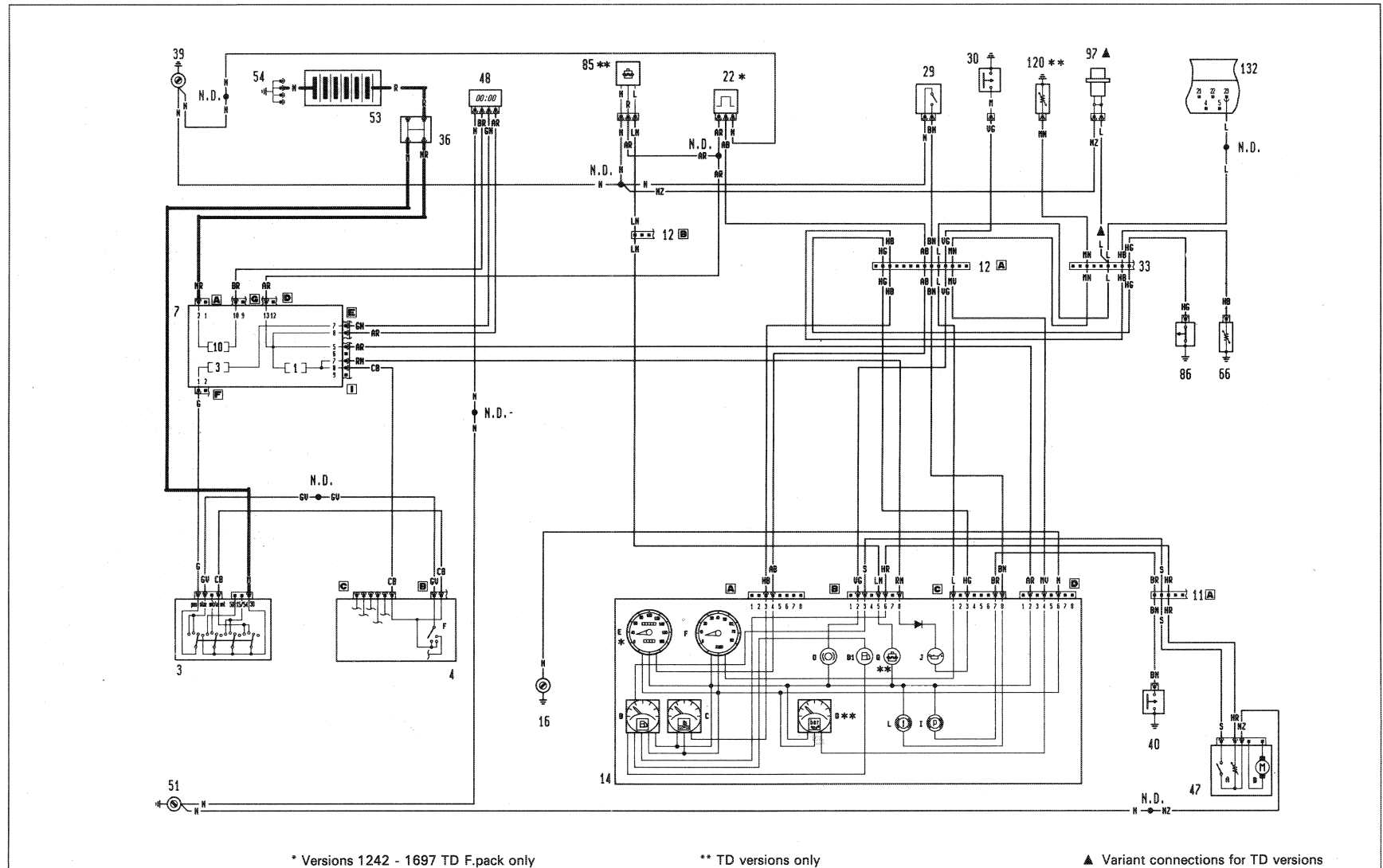
Electrical system

Wiring diagrams

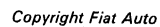
55.

Version: F.pack - E

Fuel level gauge and reserve warning light - Low brake fluid level warning light - Handbrake warning light - Water temperature gauge - Brake pad wear warning light - Low engine oil pressure warning light - Water in fuel warning light - Clock - Rev counter - Speedometer - Engine oil pressure gauge - (see key following diagrams)

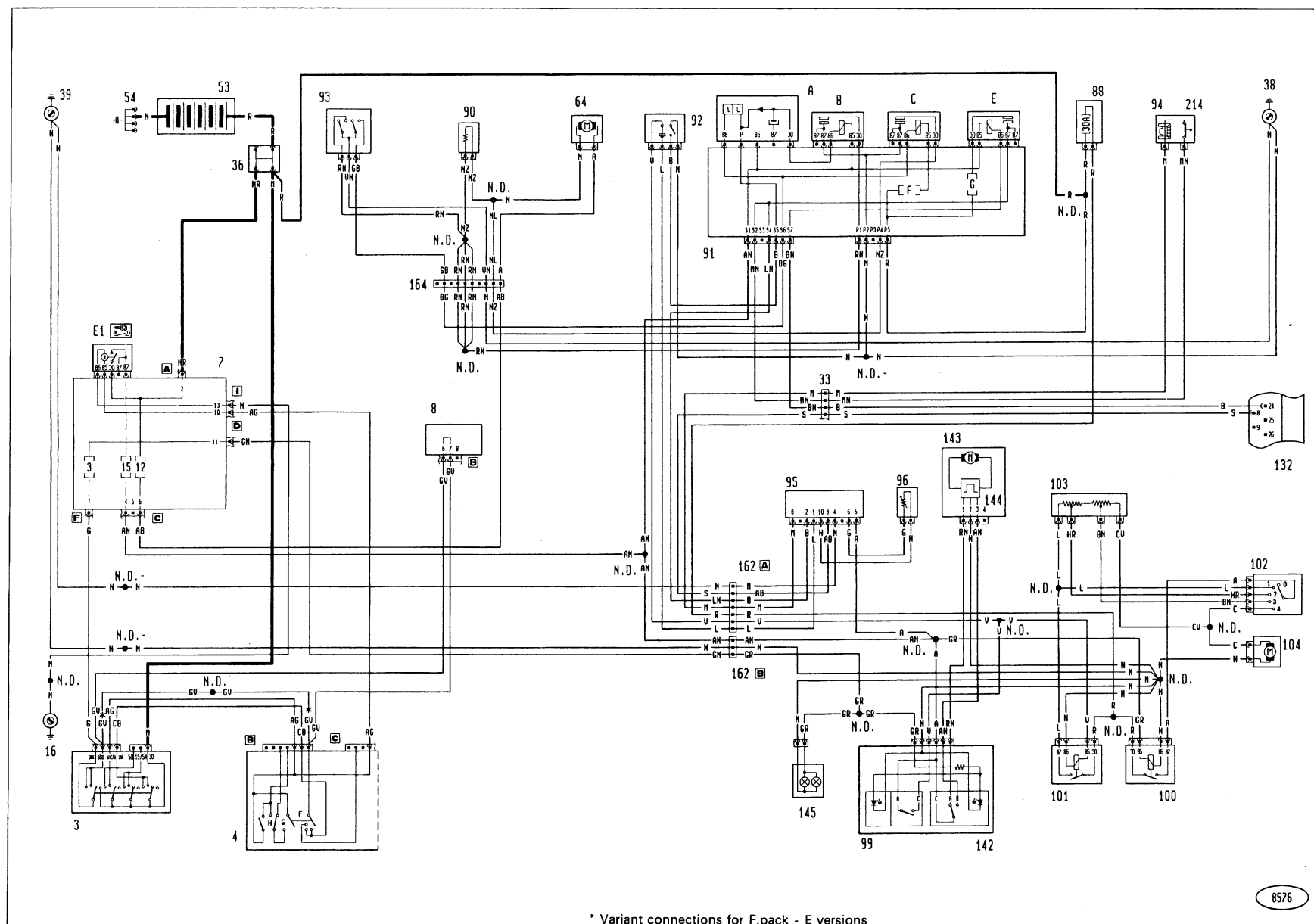


Fuel gauge and reserve warning light - Low brake fluid level warning light - Handbrake warning light - Water temperature gauge - Brake pad wear warning light - Low engine oil pressure warning light - Water-in-fuel filter warning light - Door open warning light - Clock - Rev counter - Speedometer - Engine oil pressure gauge - (see key following diagrams)



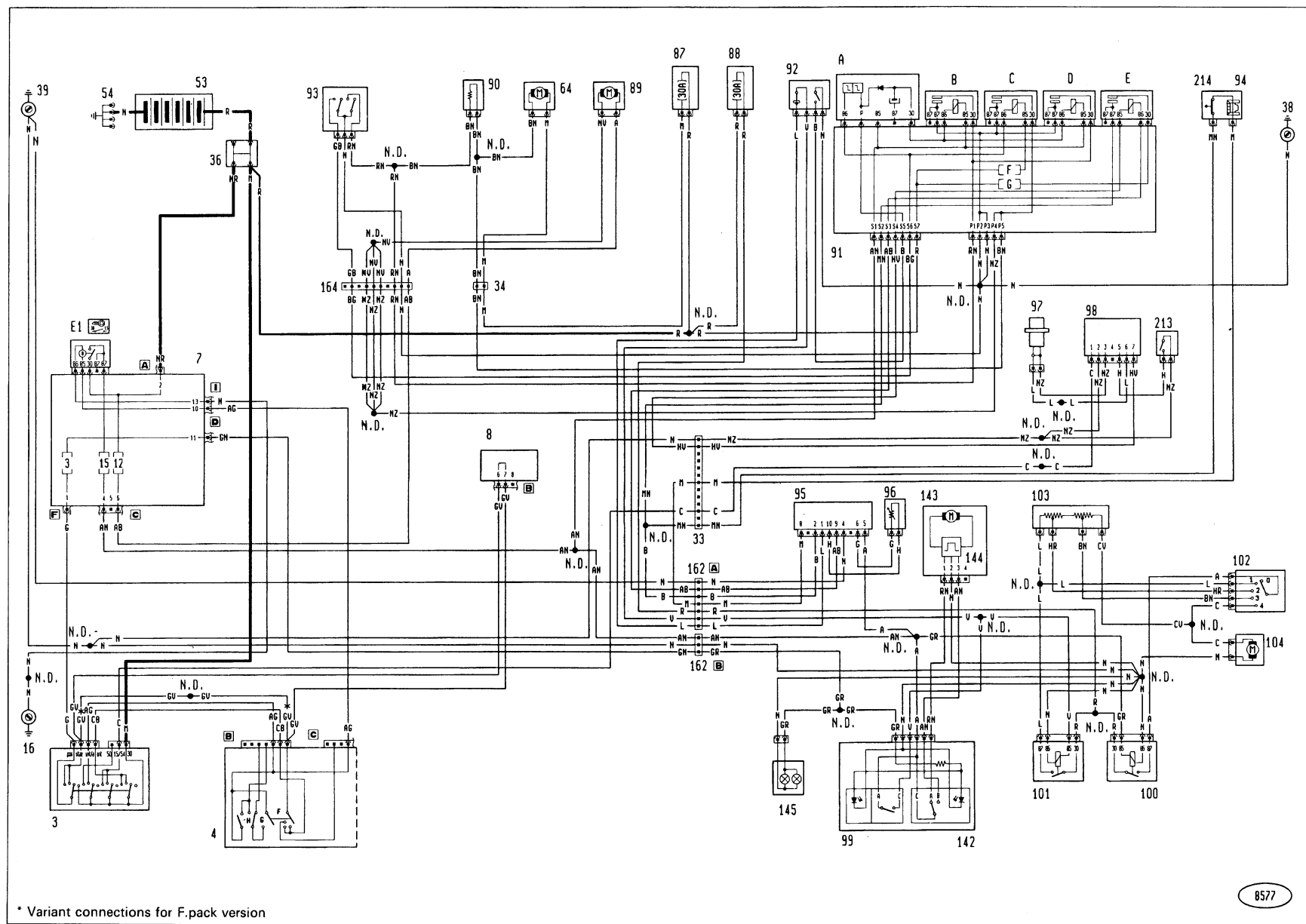
55.

Petrol model: 1242 F.pack - E - 1242 E.pack
Air conditioner - (See key following diagrams)



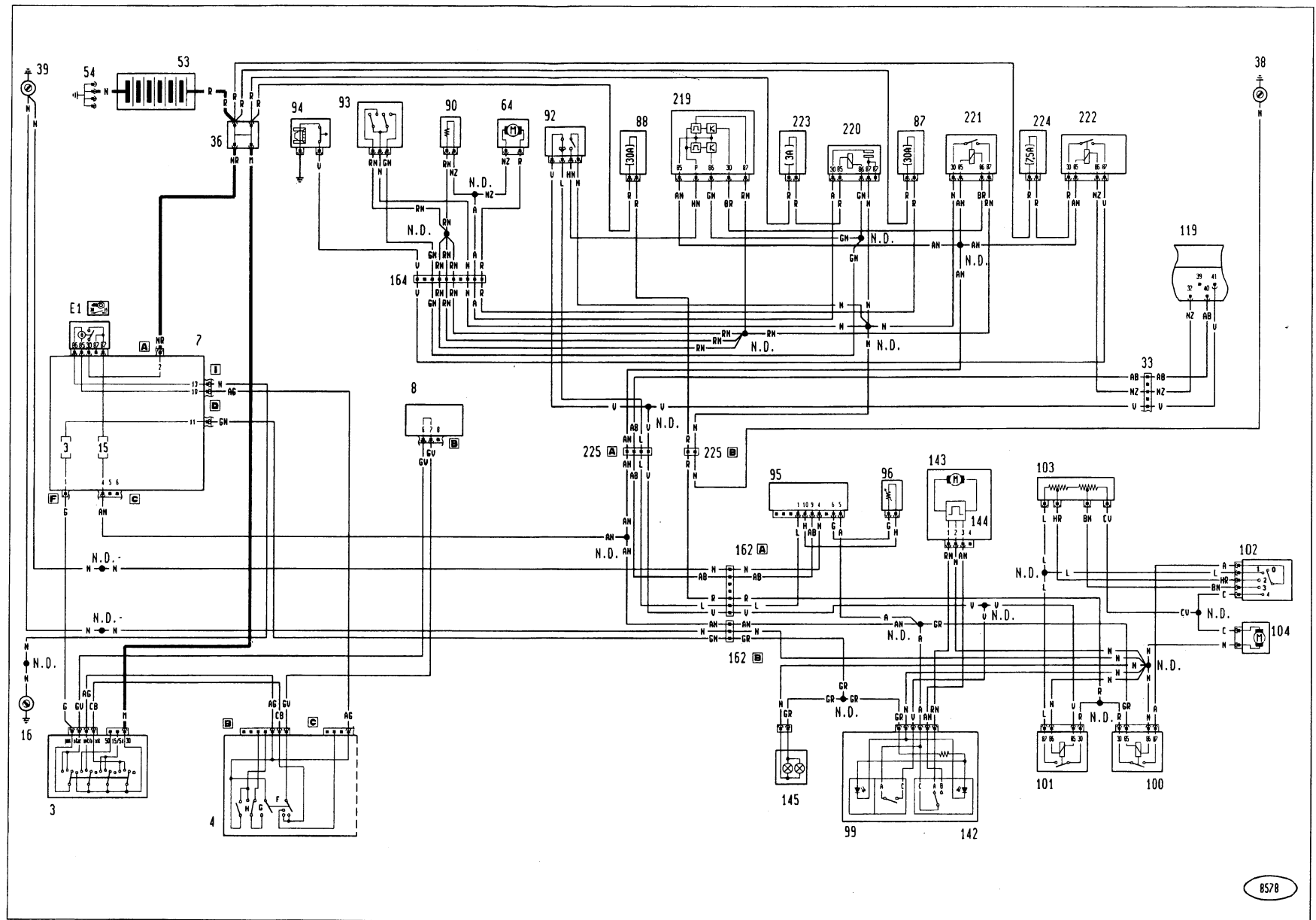
TD model: 1697 F.pack - E.pack

Air conditioner - (See key following diagrams)



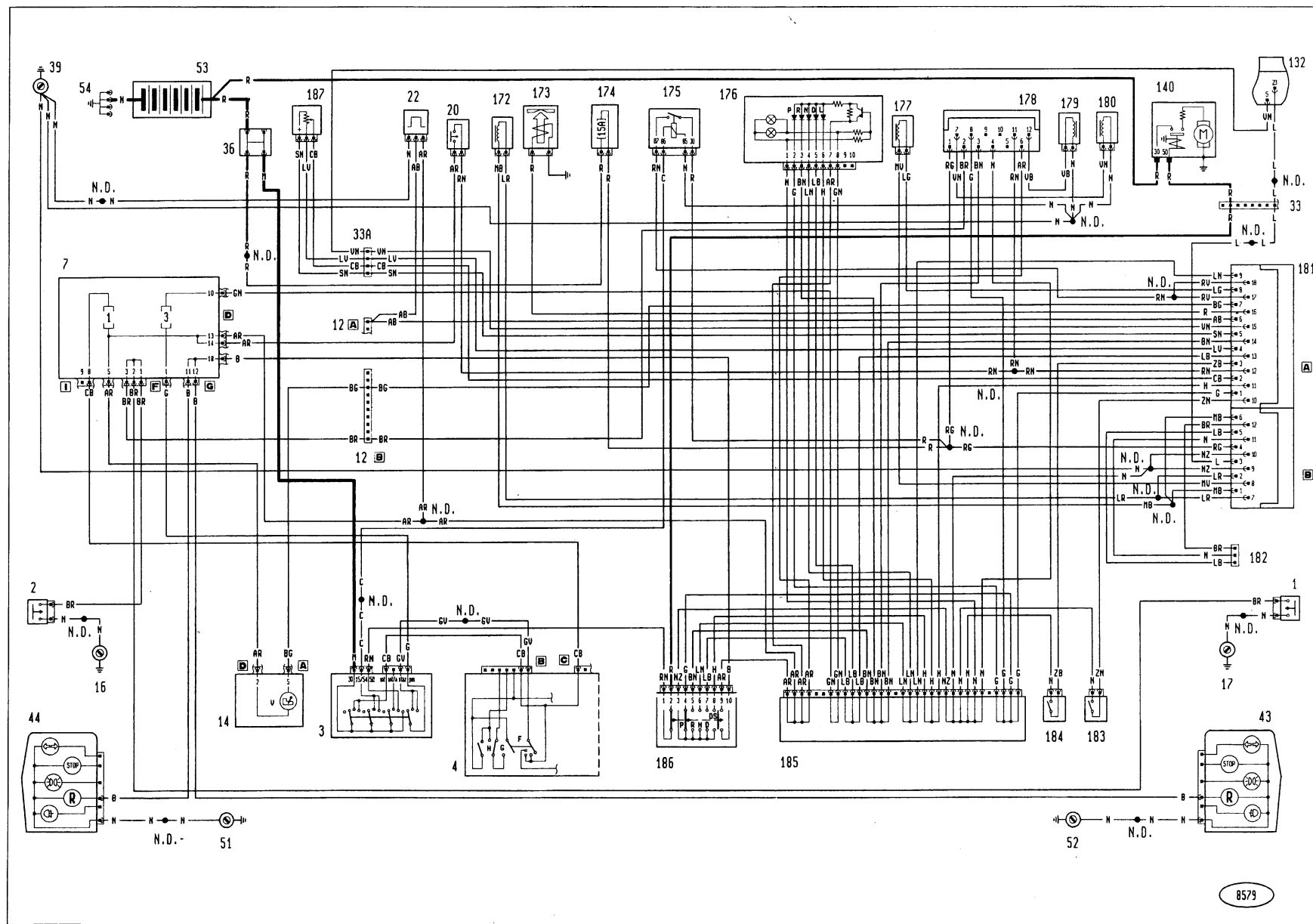
55.

Model: 1372 MPI turbo
Air conditioner - (See key following diagrams)



1242 SPI F.pack model

Automatic transmission - Automatic transmission fault warning light - (see key following diagrams)



Electrical system

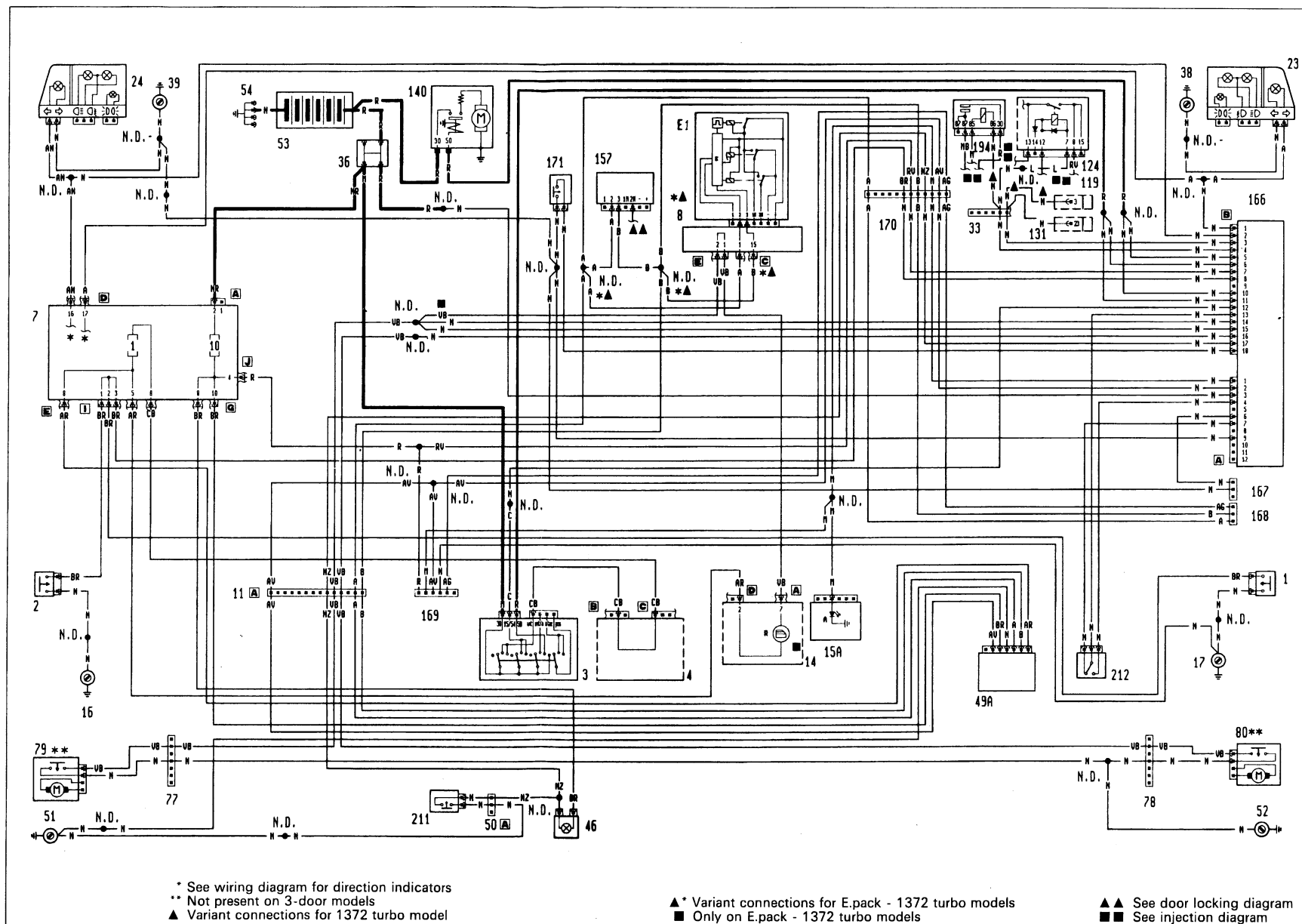
Wiring diagrams

55.

Petrol model: All

Anti-theft device - (see key following diagrams)

Punto



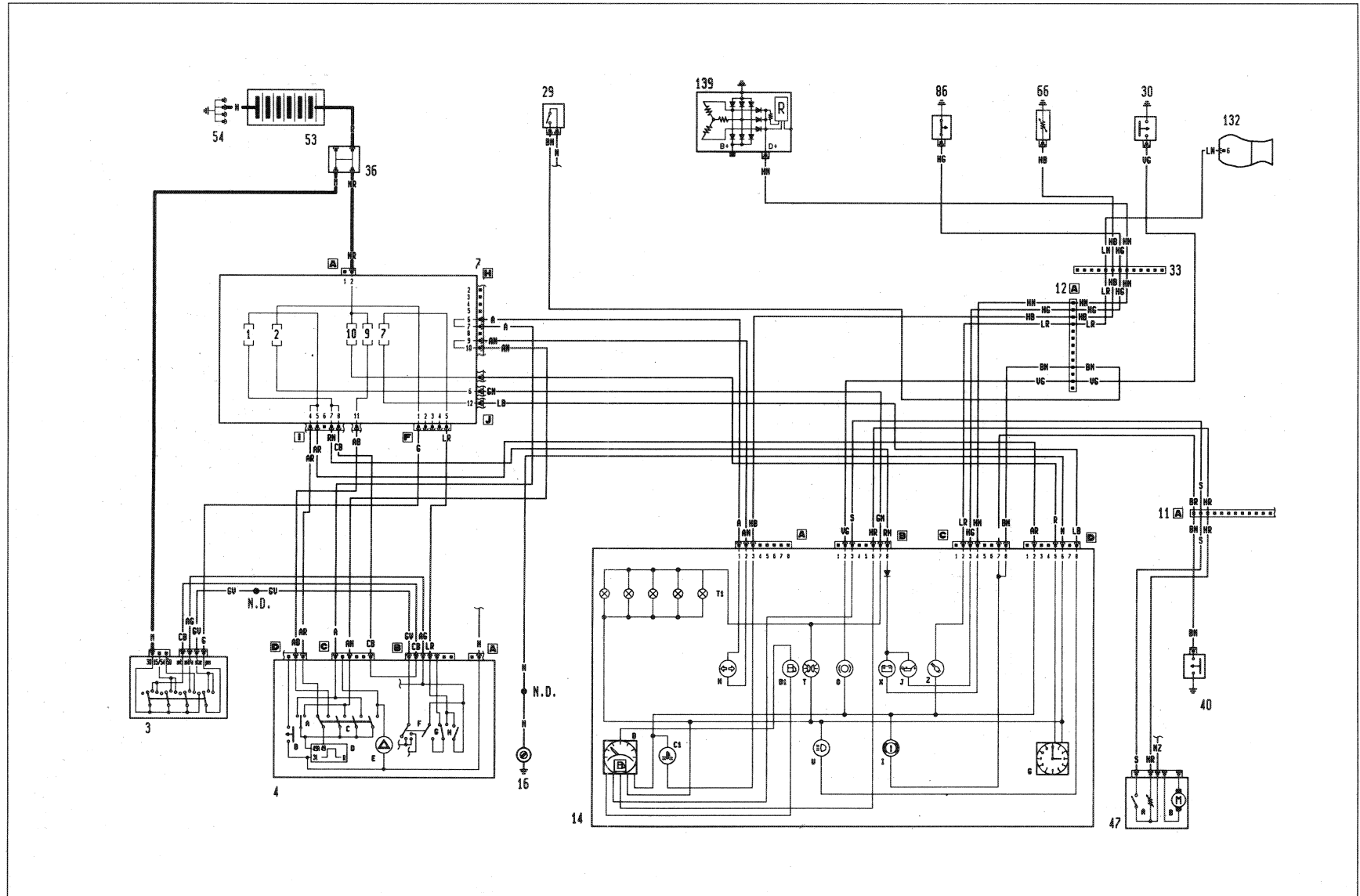
Electrical system Wiring diagrams

Punto

55.

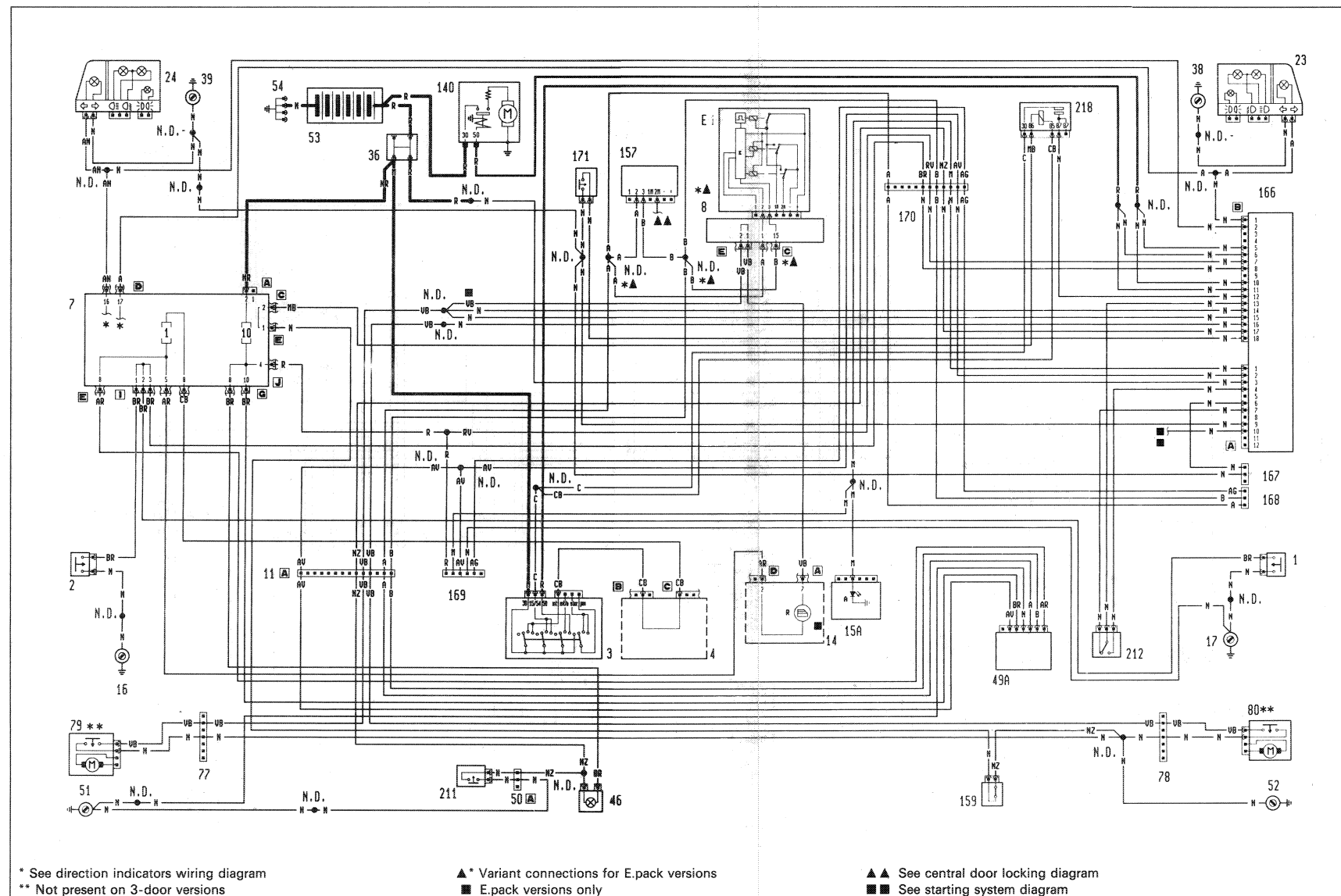
Petrol version: F

Instrument panel connections - (see key following diagrams)



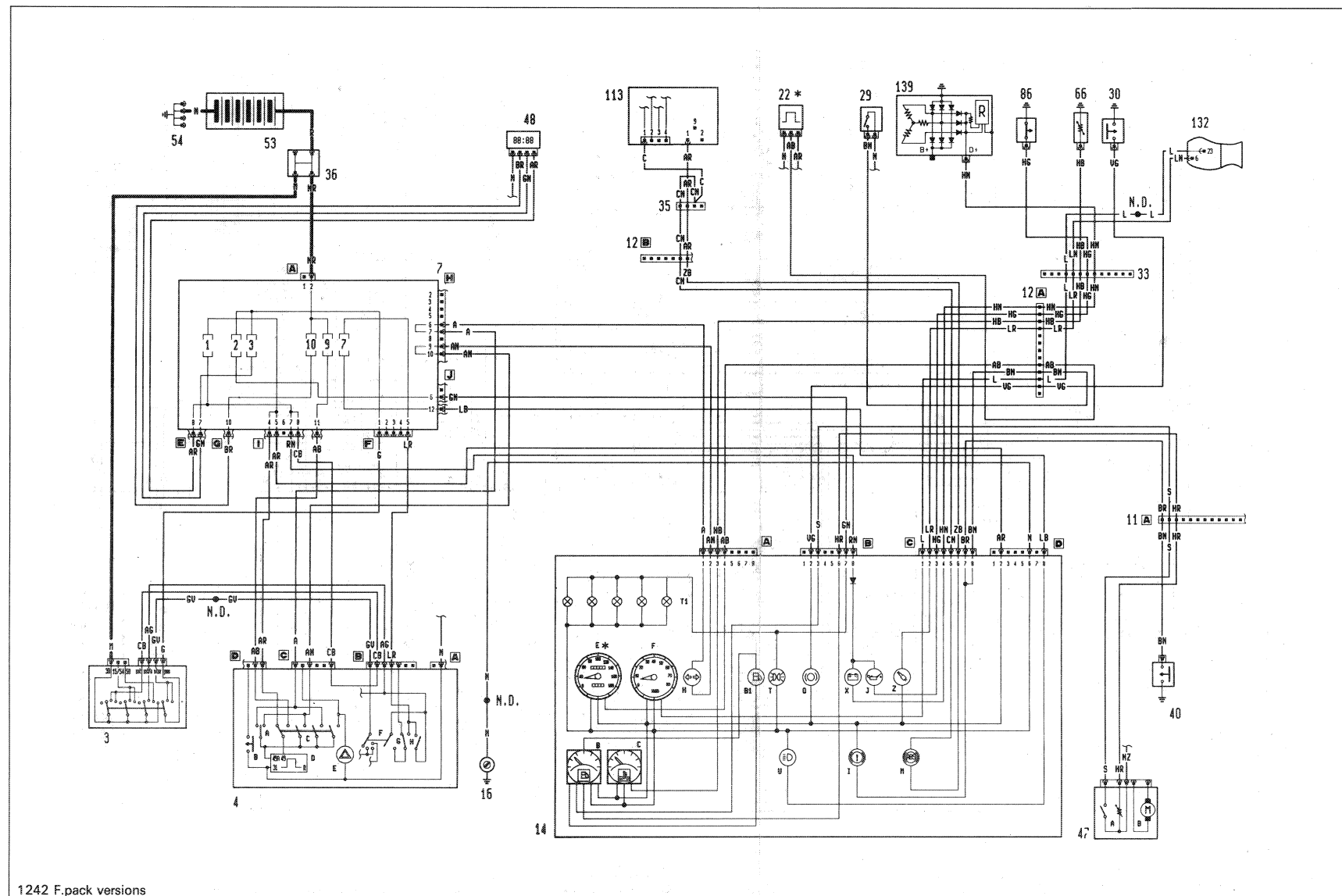
TD version: All

Anti-theft device - (see key following diagrams)



Petrol version: F.pack - E

Instrument panel connections - (see key following diagrams)



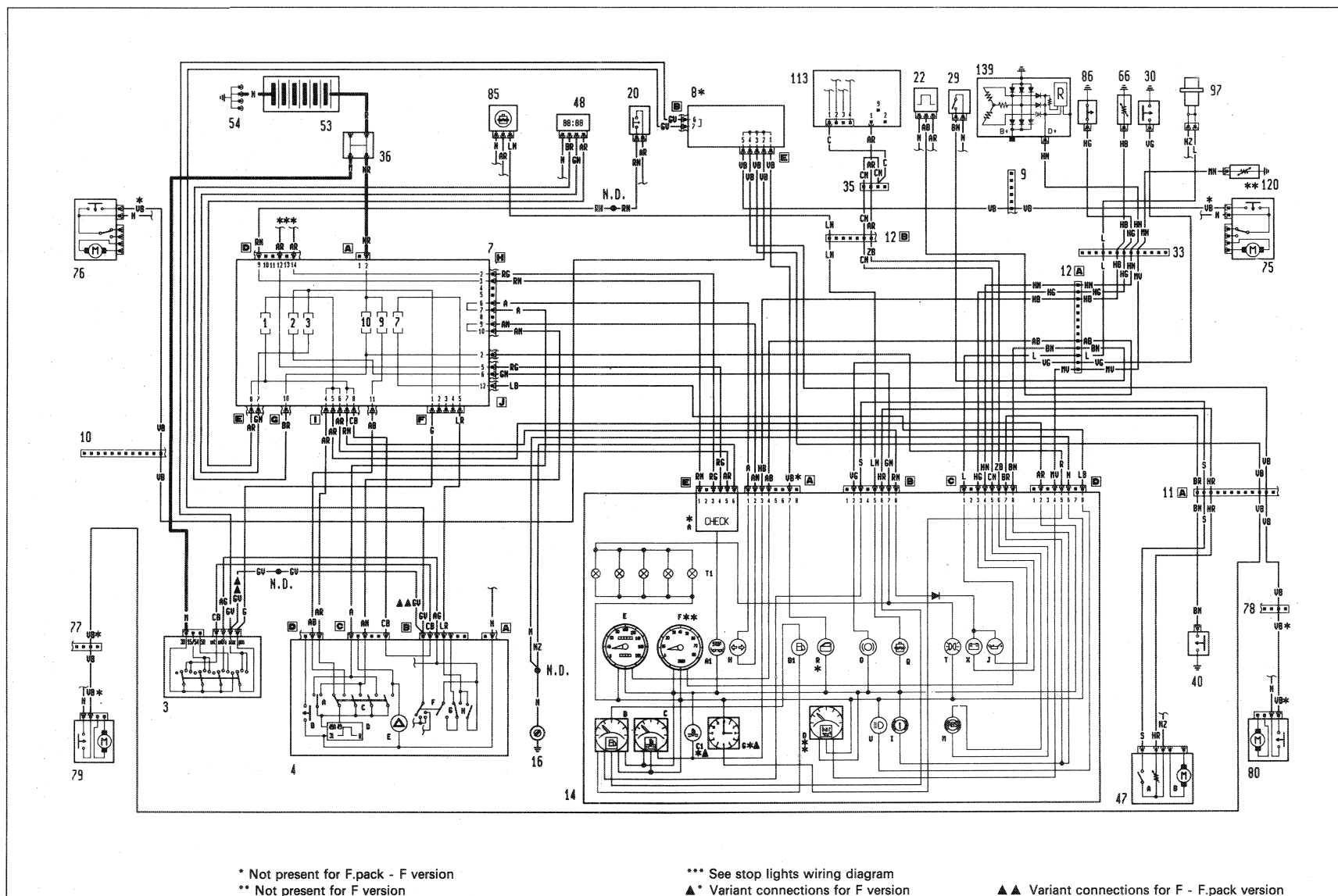
Electrical system Wiring diagrams

Punto

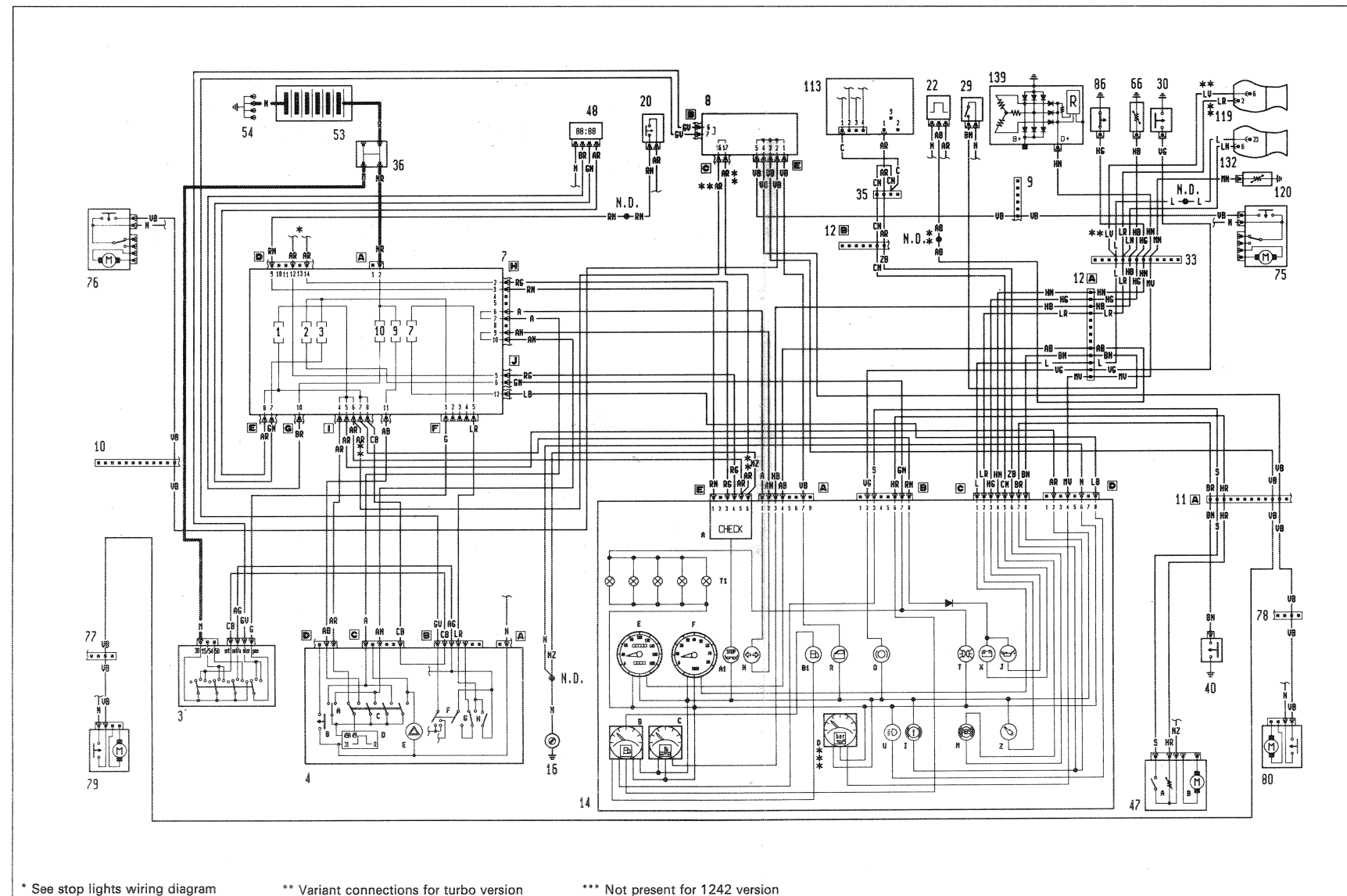
55.

Version: TD

Instrument panel connections - (see key following diagrams)



Petrol version: E.pack - 1372 MPI turbo
Instrument panel connections - (see key following diagrams)



Key to wiring diagrams

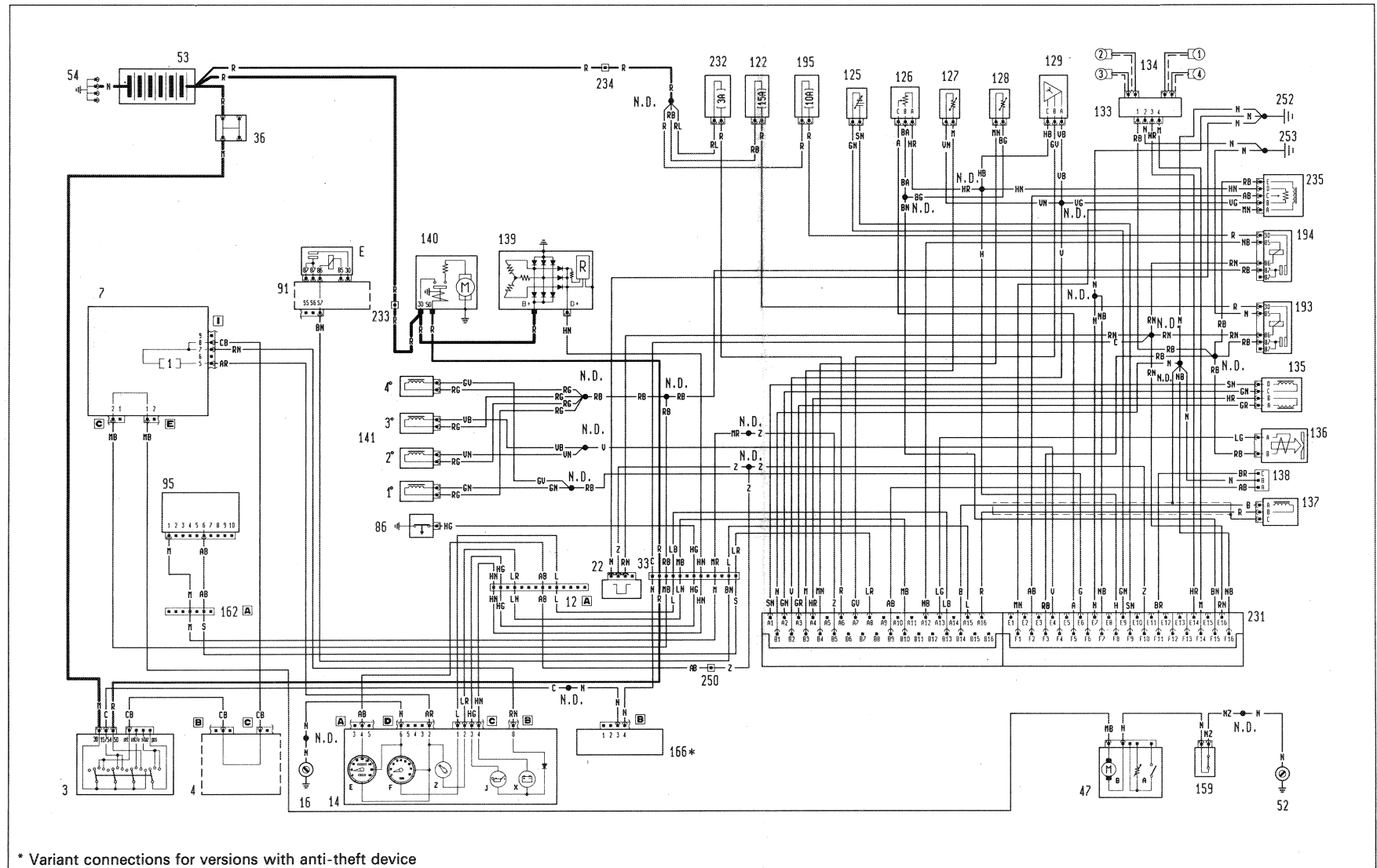
- 1 Front right button controlling courtesy light and indicating open door
- 2 Front left button controlling courtesy light and indicating open door
- 3 Ignition switch
- 4 Stalk unit:
 - A Direction indicators switch
 - B Horn button
 - C Hazard warning lights switch
 - D Direction indicators/hazard lights timer
 - E Hazard warning lights warning lamp
 - F Side lights/dipped beam headlamps switch
 - G Dipped beam/main beam headlamps switch
 - H Main beam headlamps button
 - I Rear window wiper switch
 - L Windscreen washer/rear window wiper and headlamp washer button
- M Windscreen wiper switch
- N Volume increase control button (on steering wheel)
- O Volume reduction control button (on steering wheel)
- P Programme selection control button (on steering wheel)
- Q Band selection control button (on steering wheel)
- 5 Front right side repeater
- 6 Front left side repeater
- 7 Junction unit:
 - E1 Switch discharge connector
 - E2 Horn relay
 - E3 Heated rear window relay
- 8 Optional devices control unit:
 - E1 Central door locking system control unit
 - E2 Control unit for electric front windows
 - E3 Power relay (sunroof)
 - E4 Relay controlling dipped beam headlamps/headlamp adjuster
 - E5 Front fog lamps control unit
 - E6 Relay controlling rear fog lamps with front fog lamps on
- 9 Connection between dashboard cables and front door, passenger side
- 10 Connection between dashboard cables and front door, driver's side
- 11 Dashboard cables/rear cables connection
- 12 Dashboard cables/front cables connection
- 13 Cigar lighter
- 14 Instrument panel:
 - A Check panel module
 - A1 Stop lights fault warning lamp
 - B Fuel gauge
 - B1 Fuel reserve warning light
 - C Engine coolant temperature gauge
 - C1 Maximum engine coolant temperature warning light
 - D Engine oil pressure gauge
 - E Speedometer
 - F Rev counter
 - G Clock
 - H Direction indicators warning light
 - I Handbrake warning light

- J Insufficient engine oil pressure warning light
- L Insufficient brake fluid level warning light
- M Anti-lock braking system fault warning light
- N Maximum turbocharging pressure warning light
- O Brake pad wear warning light
- Q Warning light indicating presence of water in fuel filter
- R Warning light indicating doors open
- S Heater plugs warning light
- T Side lights warning light
- T1 Symbol illumination bulbs
- U Main beam headlamps warning light
- V Automatic transmission fault warning light
- Z Fuel injection fault warning light
- X Insufficient alternator recharging warning light
- Y AIR BAG circuit fault warning light
- 15 Control switch assembly:
 - A Heated rear window switch
 - B Heated rear window warning light
 - C Symbol illumination on control switch unit
 - D Rear fog lamps warning light
 - E Rear fog lamps switch
 - F Front fog lamps warning light
 - G Front fog lamps control switch
- 15A Switch panel:
 - A LED indicating fault in activation of anti-theft device
- 16 Left dashboard earth
- 17 Right dashboard earth
- 18 Windscreen wiper motor with intermittent device incorporated
- 19 Windscreen/rear window washer pump
- 20 Stop lights switch
- 21 Reversing lights switch
- 22 Pulse generator for speedometer signal
- 23 Front right light cluster
- 24 Front left light cluster
- 25 Front right fog lamp
- 26 Front left fog lamp
- 27 Right horn
- 28 Left horn
- 29 Low brake fluid level sensor
- 30 Front left brake pad wear sensor
- 31 10A fuse protecting anti-lock braking system
- 32 Anti-lock braking system cable connection
- 33 Front cables connection
- 33A Connection between front cables and automatic transmission
- 34 Front cables connection
- 35 Connection between front cables and anti-lock braking system cables
- 36 Connector block
- 37 Heater controls assembly:
 - A Car interior climate control electric fan
 - B Car interior speed control switch
 - C Heater controls light bulbs
- 38 Front right earth
- 39 Front left earth
- 40 Hand brake 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
 - 47A Fuel sender unit
 - 47B Electric fuel pump
 - 48 Digital clock
 - 49 Door lock remote control receiver
 - 49A Anti-theft device remote control receiver
 - 50 Rear cables connection
 - 51 Rear left earth
 - 52 Rear right earth
 - 53 Battery
 - 54 Battery earth
 - 55 Heated rear window
 - 56 Rear window wiper motor
 - 57 Car radio
 - 58 Loudspeaker on front right door
 - 59 Loudspeaker on front left door
 - 60 Rear right loudspeaker
 - 61 Rear left loudspeaker
 - 62 Front left loudspeaker
 - 63 Front right loudspeaker
 - 64 Engine cooling electric fan
 - 65 Thermal switch controlling engine cooling electric fan
 - 66 Engine coolant temperature gauge sensor
 - 67 Headlamp adjuster control unit
 - 68 Left headlamp adjustment motor
 - 69 Right headlamp adjustment motor
 - 70 Front electric window, driver's side
 - 71 Front electric window, passenger's side
 - 72 Front left electric window control pushbutton assembly, driver's side
 - 73 Front right electric window control pushbutton assembly, driver's side
 - 74 Front right electric window control pushbutton assembly, passenger side
 - 75 Front right door locking motor and door open indicator
 - 76 Front left door locking motor and door open indicator
 - 77 Connection between rear cables and rear left door
 - 78 Connection between rear cables and rear right door
 - 79 Rear left door locking motor and door open indicator
 - 80 Rear right door locking motor and door open indicator
 - 81 Electrically-operated sunroof end-of-travel control switch
 - 82 Electrically-operated sunroof motor
 - 83 Electrically-operated sunroof electronic control unit
 - 84 Electrically-operated sunroof control switch
 - 85 Sensor for indicator of water presence in fuel filter
 - 86 Insufficient oil pressure warning light switch
 - 87 30A fuse protecting engine cooling electric fan
 - 88 Fuse 30A fuse protecting air conditioning system
 - 89 Engine cooling electric fan
 - 90 Resistor for regulating engine cooling electric fan speed
 - 91 Fuse and relay carrier block for air conditioner:
 - A Timer for activating engine cooling fan 2nd speed
 - B Relay for activating engine cooling fan 1st speed
 - C Relay for activating engine cooling fan 2nd speed
 - D Auxiliary relay for activating compressor coupling
 - E Relay for switching on compressor coupling
 - F 3A fuse protecting circuit for electric fan 2nd speed
 - G 7.5A fuse protecting compressor electromagnetic coupling
 - 92 Three-stage pressure-switch for air conditioner
 - 93 Double-contact thermal switch on radiator
 - 94 Compressor for air conditioner
 - 95 Electronic control unit for air conditioning system (Nippondenso)
 - 96 Evaporator zone temperature sensor
 - 97 Rpm sensor
 - 98 Compressor switch-off control unit (Bitron)
 - 99 Switch for activating air conditioning system
 - 100 Relay for controlling air conditioning system electric fan
 - 101 Relay for switching on electric fan 1st speed
 - 102 Switch for controlling air conditioning system electric fan
 - 103 Additional resistor
 - 104 Air conditioning system electric fan
 - 106 Headlamp washer pump
 - 107 Headlamp washer timer
 - 108 AIR BAG projection charge (driver's side)
 - 109 AIR BAG system cables connection
 - 110 AIR BAG electronic control unit
 - 111 AIR BAG projection charge (passenger's side)
 - 112 Diagnostic socket for AIR BAG system
 - 113 Anti-lock braking system electronic control unit (A.B.S.)
 - 114 Diagnostic socket for anti-lock braking system
 - 115 Sensor on front left wheel (A.B.S.)
 - 116 Sensor on front right wheel (A.B.S.)
 - 117 Sensor on rear left wheel (A.B.S.)
 - 118 Sensor on rear right wheel (A.B.S.)
 - 119 BOSCH (1372 Turbo i.e.) electronic fuel injection control unit
 - 120 Sensor controlling engine oil pressure gauge
 - 121 Cable connection for electrically-operated sunroof
 - 122 5A fuse protection fuel injection system (10A for Turbo i.e. version)
 - 123 25A fuse protection fuel injection pump, Lambda probe and fuel injectors (20A for 1108,1242 versions)
 - 124 Multiple relay
 - 125 Heated Lambda probe
 - 126 Potentiometer on throttle valve
 - 127 Water temperature sensor
 - 128 Air temperature sensor
 - 129 Absolute pressure sensor
 - 130 Earth on engine
 - 131 Earth on control unit
-

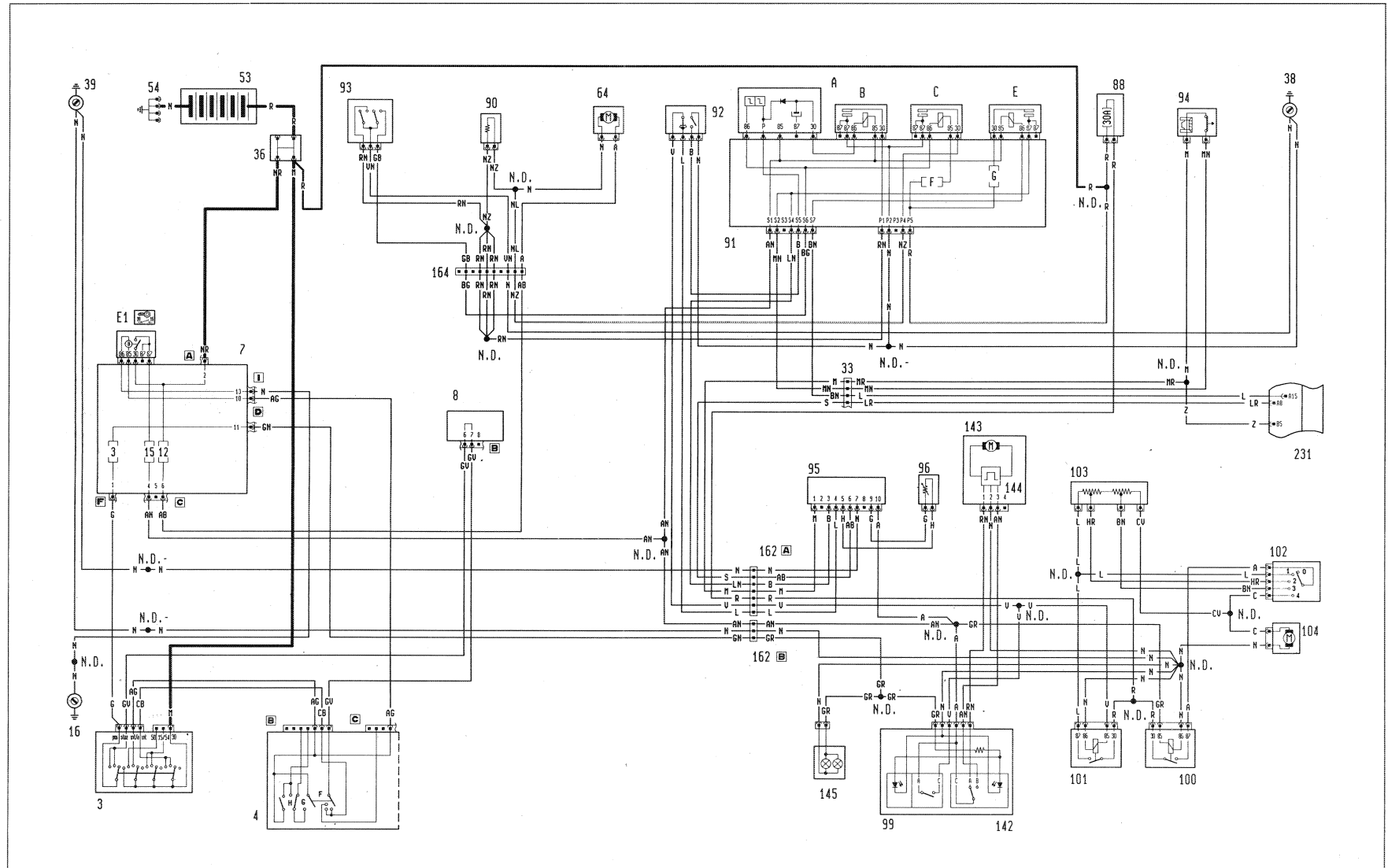
-
- 132 I.A.W. electronic ignition and fuel injection control unit
 - 133 Ignition coils assembly
 - 134 Spark plugs
 - 135 Stepper actuator
 - 136 Canister solenoid
 - 137 Rpm and TDC sensor
 - 138 Fuel injection diagnostic socket
 - 139 Alternator
 - 140 Starter motor
 - 141 Fuel injector
 - 142 Switch for controlling recycling of car interior air
 - 143 Car interior air recycling actuator
 - 144 Car interior air recycling control
 - 145 Air conditioner / heater controls illumination bulbs
 - 146 Left electrically-adjustable and heated exterior rearview mirror
 - 147 Right electrically-adjustable and heated exterior rearview mirror
 - 148 Electrically-adjustable exterior rearview mirror pushbutton assembly
 - 150 20A fuse for protecting headlamp washer system
 - 151 Dipped beam headlamps / headlamp adjuster control relay
 - 152 Front fog lamps relay
 - 153 Relay controlling rear fog lamps with front fog lamps on
 - 154 20A fuse protecting front fog lamps
 - 155 Electronic control unit for front electric windows
 - 156 30A fuse for protecting electric front windows
 - 157 Central door locking system electronic control unit
 - 158 20A fuse protecting central door locking system
 - 159 Inertial switch for switching off electric fuel pump
 - 160 Driver's heated seat control unit
 - 161 Driver's seat heating pad
 - 162 Air conditioner cable connection
 - 163 Front cables connection
 - 164 Front cables connection
 - 165 Air Bag cables connection
 - 166 Anti-theft device electronic control unit
 - 167 Diagnostic socket (anti-theft device)
 - 168 Anti-theft device cable connection
 - 169 Anti-theft device cable connection
 - 170 Anti-theft device cable connection
 - 171 Button on bonnet for switching on anti-theft device
 - 172 Magnetic sensor on clutch
 - 173 Solenoid for indication of engine oil pressure
 - 174 15A fuse protecting automatic transmission
 - 175 Relay for controlling automatic transmission
 - 176 Display for illuminating gear selector and indicating selected gears
 - 177 Car speed sensor
 - 178 Safety electronic control unit for automatic transmission
 - 179 Shift-lock solenoid
 - 180 Ignition switch solenoid
 - 181 Electronic control unit for automatic transmission
 - 182 Diagnostic socket for automatic transmission
 - 183 Switch on accelerator pedal for automatic transmission
-

Starting system - MPI GM electronic ignition and fuel injection - Recharging system and warning light - Low engine oil pressure warning light - Fuel injection fault warning light - Rev counter - Speedometer - (see key following diagrams)

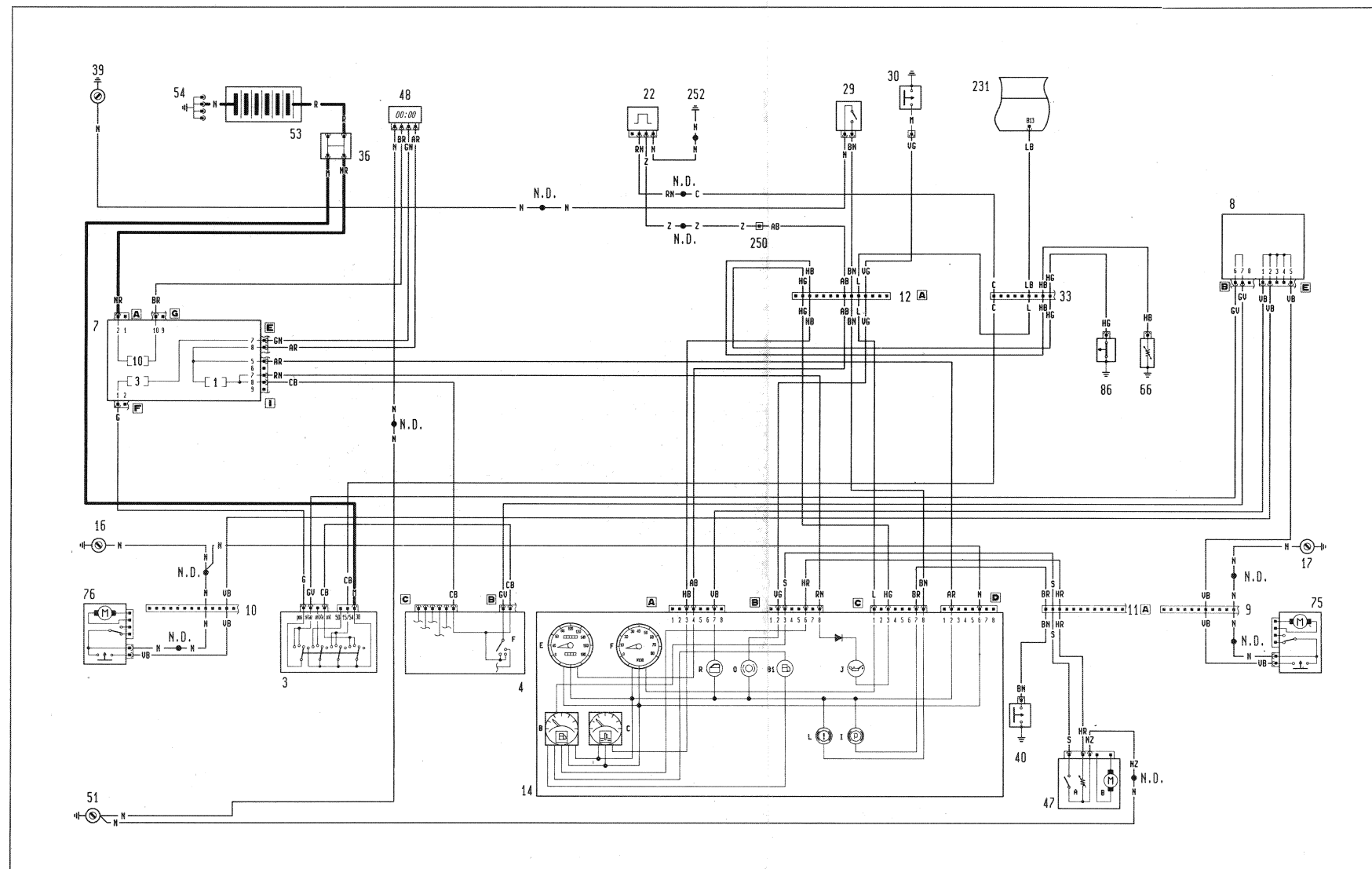


55.

Air conditioner - (see key following diagrams)

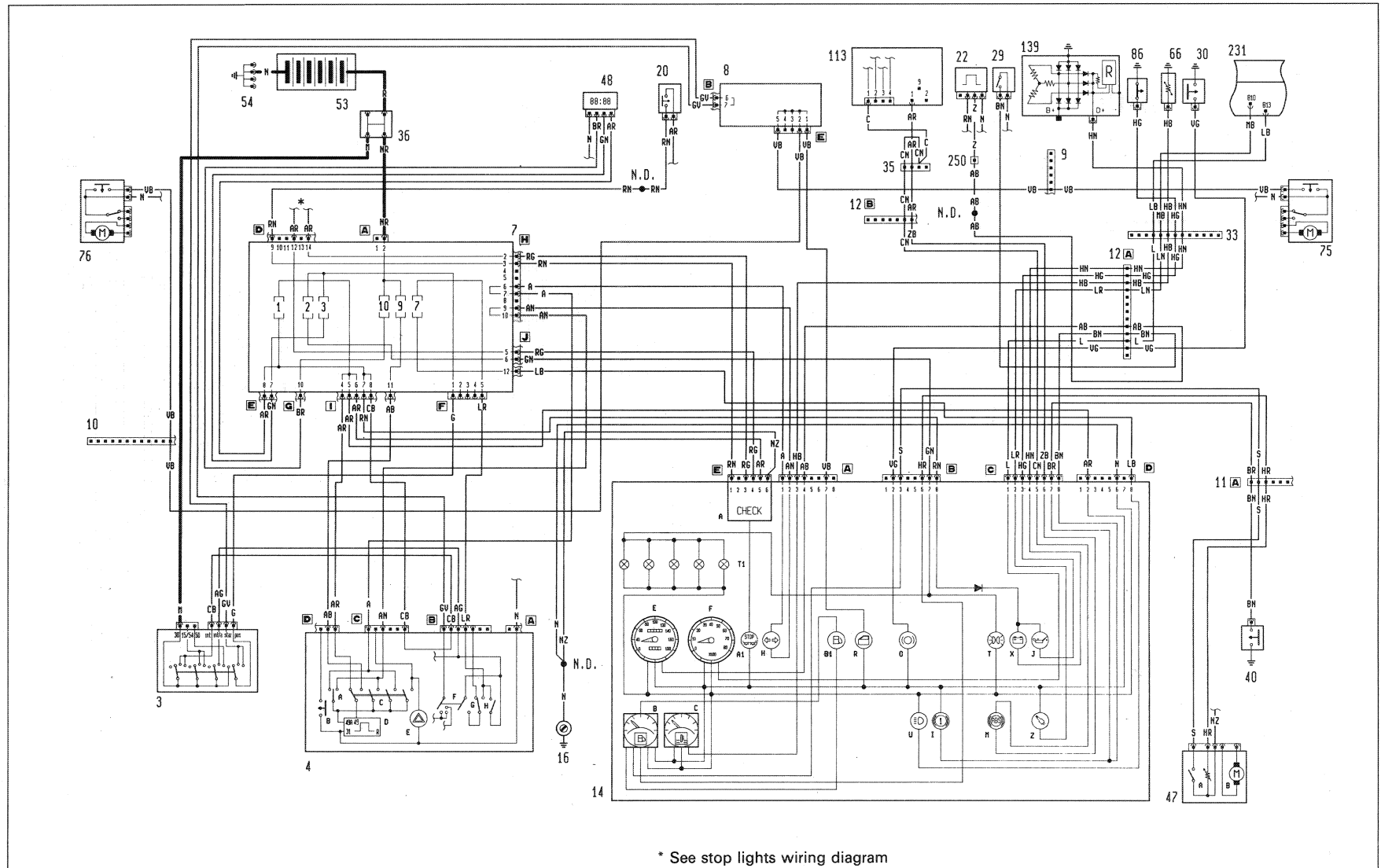


Fuel level gauge and reserve warning light - Low brake fluid level and handbrake warning lamp - Water temperature gauge - Brake pad wear warning light - Low engine oil pressure warning light - Door open warning light - Clock - Rev counter - Speedometer - (see key following diagrams)



55.

Instrument panel connection - (see key following diagrams)



Key to wiring diagrams

- 3 Ignition switch
 - 4 Stalk unit:
 - A Direction indicators stalk
 - B Horn button
 - C Hazard warning lights switch
 - D Indicators/hazard lights time 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
 - 7 Junction unit :
 - E1 Ignition switch discharge relay
 - 8 Optional extras control unit :
 - 9 Connection between dashboard cables and front 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
 - 14 Instrument panel :
 - A Check-panel module
 - A1 Stop lights fault warning light
 - B Fuel gauge
 - B1 Fuel reserve warning light
 - C Water temperature gauge
 - E Speedometer
 - F Rev counter
 - H Direction indicators warning light
 - I Handbrake warning light
 - J Low engine oil pressure warning light
 - L Low brake fluid level warning light
 - M Anti-lock braking system fault warning light
 - O Brake pad wear warning light
 - R Door open warning light
 - T Side lights warning light
 - T1 Symbol illumination bulbs
 - U Main beam headlamps warning light
 - Z Fuel injection fault warning light
 - X Insufficient generator recharging warning light
 - 16 Left dashboard earth
 - 17 Right dashboard earth
 - 20 Stop lights switch
 - 22 Pulse generator for speedometer signal
 - 29 Low brake fluid level sensor
 - 30 Front left brake pad wear sensor
 - 33 Front cables connection
 - 35 Connection between front cables and anti-lock braking system cables
 - 36 Connector block
 - 38 Front right earth
 - 39 Front left earth
 - 40 Handbrake warning light switch
 - 47A Fuel gauge sender unit
 - 47B Electric fuel pump
 - 48 Digital clock
 - 53 Battery
 - 54 Battery earth
 - 64 Engine cooling fan
 - 66 Engine coolant temperature indicator sensor
 - 75 Front right door locking motor and door open indicator
 - 76 Front left door locking motor and door open indicator
 - 86 Low oil pressure warning light switch
 - 88 30A fuse protecting air conditioning system
 - 90 Resistor for regulating engine cooling fan speed
 - 91 Relay and fuse box for air conditioner :
 - A Time delay unit for switching on engine cooling fan 2nd speed
 - B Relay for switching on engine cooling fan 1st speed
 - C Relay for switching on engine cooling fan 2nd speed
 - D Auxiliary relay for activating compressor coupling
 - E Relay for switching on compressor coupling
 - F 3A fuse protecting circuit for engine cooling fan 2nd speed
 - G 7.5A fuse protecting compressor electromagnetic coupling
 - 92 Three-stage pressure-switch for air conditioner
 - 93 Double-contact thermal switch on radiator
 - 94 Compressor for air conditioner
 - 95 Electronic control unit for air conditioner
 - 96 Evaporator zone temperature sensor
 - 99 Switch for switching on air conditioning system
-

- 100 Relay controlling air conditioning system electric fan
- 101 Relay for switching on electric fan 1st speed
- 102 Switch controlling air conditioner's electric fan
- 103 Additional resistor
- 104 Electric fan for air conditioner
- 113 Electronic control unit for anti-lock braking system (A.B.S.)
- 122 5A fuse protecting fuel injection system (10A for Turbo i.e. version, 15A for 1581 version)
- 125 Heated Lambda probe
- 126 Potentiometer on throttle valve
- 127 Water temperature sensor
- 128 Air temperature sensor
- 129 Absolute pressure sensor
- 133 Ignition coils assembly
- 134 Spark plugs
- 135 Stepper motor
- 136 Canister solenoid
- 137 Rpm and T.D.C. sensor
- 138 Diagnostic socket for fuel injection
- 139 Alternator
- 140 Starter motor
- 141 Fuel injector
- 142 Switch controlling air recirculation in car interior
- 143 Car interior recirculation actuator
- 144 Car interior recirculation control
- 145 Light bulbs for air conditioner / heater controls
- 159 Inertial switch for switching off electric fuel pump
- 162 Air conditioner cables connection
- 164 Front cables connection
- 166 Anti-theft device electronic control unit
- 193 Relay controlling fuel injection system
- 194 Relay controlling Lambda probe, electric fuel pump
- 195 10A fuse protecting electric fuel pump
- 231 Ignition and fuel injection electronic control unit (1580)
- 232 3A fuse protecting fuel injection memory
- 233 Front cables connection
- 234 Front cables connection
- 235 E.G.R. solenoid
- 250 Cable connection with electronic speedometer
- 252 Signal earth
- 253 Power earth

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