

**70 099 – AN – 07.2001**

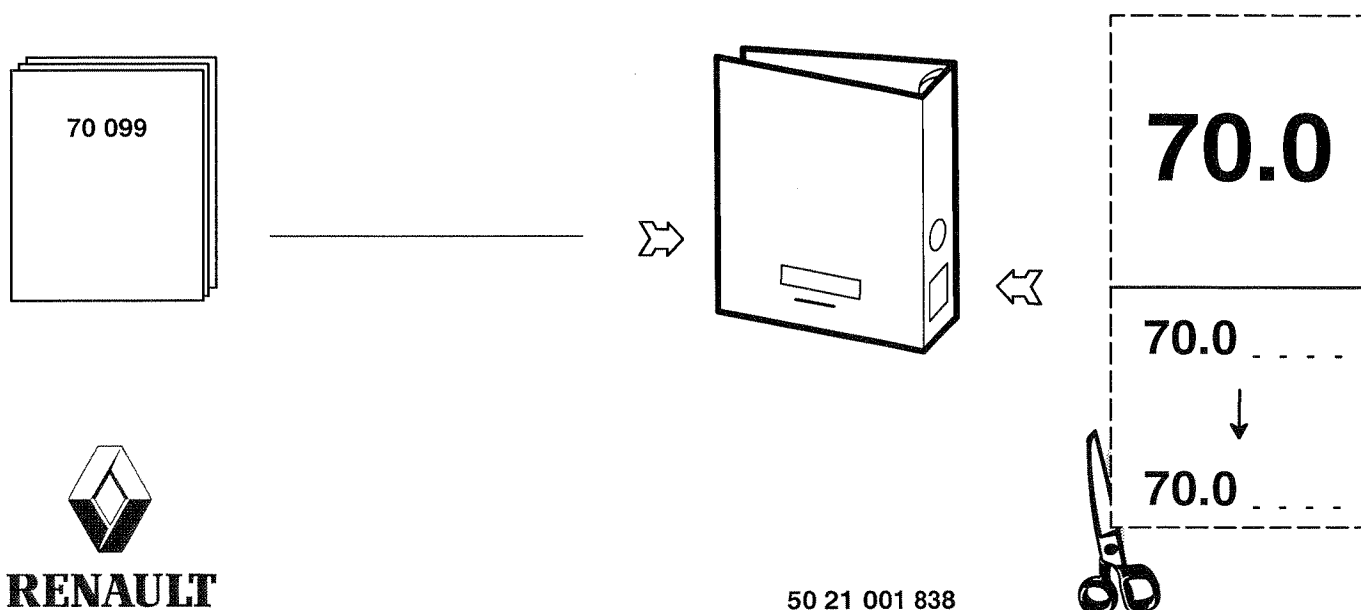
**ELECTRICS**

<b>ELECTRICS</b>	<b>VEHICLES</b>
<b>ELECTRICAL EQUIPMENT</b>	<b>RENAULT PREMIUM DCI</b>

**NOTE**

The above information may change in the course of time.

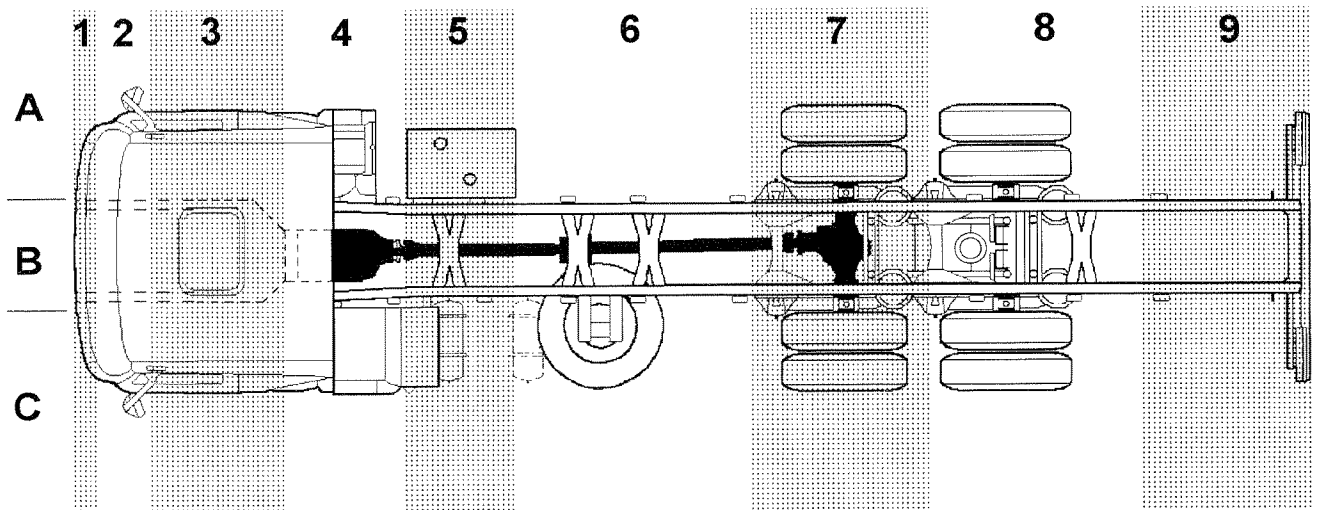
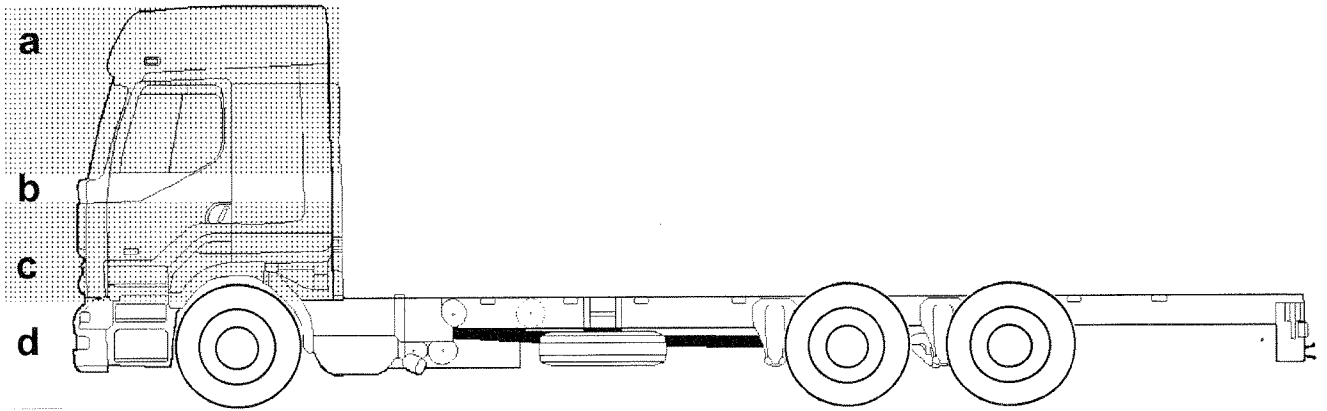
Only the "Consult" section of the workshop manuals repertory in standard N° 10320 serves as reference.



**CONTENTS**

<b>PART</b>	<b>DESIGNATION</b>	<b>PAGES</b>
<b>A</b>	Generalities	A1 → A5
<b>B</b>	Schematic diagrams	B1 → B87
<b>C</b>	Pinpointing of electrical appliances	C1 → C26
<b>D</b>	Fuses – Relays – Diodes	D1 → D8
<b>E</b>	Available power supplies	E1 → E5
<b>F</b>	Connection unit	F1 → F15
	Wires - Connectors links	F17 → F29
<b>G</b>	Wiring harnesses	Ga1 → Gq6

**GENERALITIES**



70 0001

## VEHICLE VOLUMINAL BREAKDOWN

The vehicle is broken down into several zones each designated by an item number.

### Heightwise breakdown

Reserved for the cab, four zones designated by a small letter.

### Widthwise breakdown

Three zones designated by a capital letter.

- A** : RH side and RH sidemember,
- B** : central part,
- C** : LH side and LH sidemember.

### Lengthwise breakdown

Nine zones designated by a figure.

Zone 1 includes:

- on the chassis, the bumper and the appliances it supports.
- on the cab, the front end elements with access through the front grille.

Example :

- A1** : RH bumper (headlamps...)
- C3** : LH front roadwheels (ABS sensor)
- C2b** : LH fascia panel
- A3c** : passenger seat

## PINPOINTING OF APPLIANCES

A "Pinpointing of Appliances" booklet situates each on-vehicle electrical appliance (on chassis, in cab and on major unit).

### NOTE

Each appliance may be pinpointed:

- In the electrical diagram by the voluminal breakdown.
- On the vehicle in the "Pinpointing of Appliances" booklet. Such localization refers to the plate.

## PINPOINTING EXAMPLES

### In the "Electrical diagram" booklet:

2101 – Battery N°1 . . . . (01A)            A5d

*2101*: Appliance reference

*Battery N° 1*: key to appliance

*A5d*: Pinpointing of appliance after voluminal breakdown (see page A2).

*01A* : Pinpointing of appliance in electrical diagram (plate 01A).

### In the "Electrical diagram" booklet:

9201 – Vehicle master ECU

*9201*: Appliance reference

*Vehicle master ECU*: key to appliance

*27B/C*: Pinpointing of appliance in electrical diagram (plate 27B and plate 27C).

Such localization also applies for fuses, relays and diodes.

## HOW TO READ THE DIAGRAMS

The diagram consists of several plates numbered in the bottom right-hand corner.  
A wire connecting appliances located in different plates includes a connection address.

Example:

08A = see plate 08A  
4001 -B = Doors central locking box

### NOTE

The index "-B" is not to be interpreted.

### Connectors :

The connectors are identified by a figure indicating the number of ways and by one or several letters indicating the colour.

BLACK	(N)
BROWN	(M)
RED	(R)
ORANGE	(Or)
YELLOW	(J)
GREEN	(Ve)
BLUE	(Bu)
PURPLE	(Vi)
GREY	(G)
WHITE	(Bc)

Example: 8J = yellow coloured 8-way connector

An index is added when several connectors on the same appliance have an identical number of ways and the same colour.

Example:

- 43N1 = 43-way black connector N° 1
- 43N2 = 43-way black connector N° 2

A connector on the connection unit is identified by 3 figures.

Example:

- 970N = black connector N° 970 (C970).

## PRE-EQUIPMENT

Circuits represented with dotted lines indicate a connection solution or an optional assembly.

## CONNECTION UNIT

The connection unit provides the electrical link between chassis and cab.  
Each face of the unit is detailed in the "Connection unit" booklet.

### Interface connector

This type of connector makes a direct link between two faces of the connection unit.

Example:

**D / C** interface connector

**C 918 / C 815** : The reference N5 in italics corresponds to the face C connector.

### Wire – connector links

A table links each wire to its connectors. The section and terminal number of each connector are specified.  
The wire numbers are classified numerically.

Example: Wire **51** = section **1**, connector **821**: terminal **3** and connector **906**: terminal **B1**.

## WIRING HARNESES

Each plate represents the routing of one or several wiring harnesses connected to a sub-assembly or function. The outline of the vehicle pinpoints the wiring harnesses.

Connectors identified by the letter **C** followed by 3 figures are indicated on each harness.

A key opposite each plate defines their assignment.

On the back of the key are given details of connectors linked to the harnesses of the plate.

### Key to connectors

**C129** . . . . . 4618 – Driver's overhead lamp

*C129* : connector item number

*4618* : appliance reference number

*Driver's overhead lamp* : key to the appliance

The appliance reference number and key provide the link to the electrical diagram.

### Optional wiring harnesses

Connectors assigned with indexes **\*1** or **\*2** belong to optional harnesses.

Example of connector reference number

**C129** : connector on standard harness

**C137\*1** : connector on option 1 harness

**C141\*2** : connector on option 2 harness

At the end of the key is shown the make-up of each optional harness.

### Links between wiring harnesses

Some harnesses are joined together by link-up connectors. These are indicated at the end of the key.

Example :

**C476\*1** → *C477\*1 (Gb14)*

Connector **C476\*1** on plate Ga2 is linked to connector **C477\*1** on plate Gb14.

### Detail of connectors

Each drawing represents the structure of a connector.

Example :

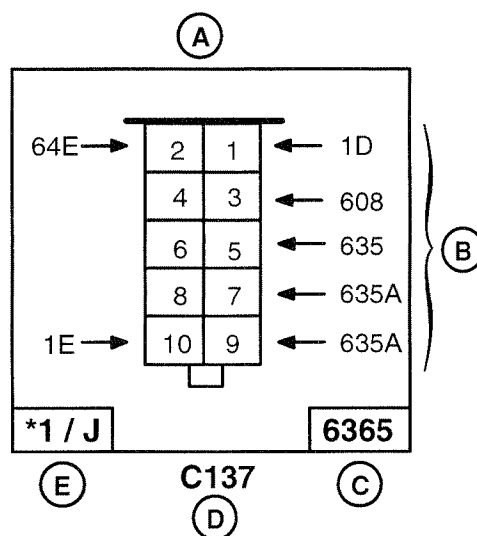
A : outline of the connector

B : item number and location of the wires

C : reference number of the appliance

D : item number of the connector

E : option or colour of the connector



### IMPORTANT

Bearing in mind the presence of numerous electronic appliances, the use of a test lamp is to be avoided. Preferably use a needle or digital type multi-meter.

**It is forbidden to apply voltage to the terminals of electronic appliances or you may cause irreparable damage to the hardware. Consequently, no line continuity measurement should be made on the wires without having previously disconnected the appliances from the lines concerned.**

**SCHEMATIC DIAGRAMS**



## KEY TO THE APPLIANCES

0102 – Electrical connection terminal	(04S/06M/10N)	C4d
0117 – Protection diodes	(08M/10N)	A2c
1100 – Fuse	–	–
1220 – Cab top ledge	(002)	C2a
1335 – Bodybuilder available power supplies connector	(30M/30N)	A1c
1361 – Connecting strip	(001/01R)	–
1511 – Fuse box	(16P)	–
2100 – Trailer socket, 15–pin	(15P)	B9d
2101 – Battery N° 1	(01M/01N)	C4d
2102 – Battery N° 2	(01M/01N)	C4d
2112 – 24 Volt socket	(14R)	C2c
2113 – Trailer socket, 7–pin type 24 N	(15M)	B9d
2115 – Trailer socket, 7–pin type 24 S	(15M)	B9d
2116 – Trailer socket, 7–pin type "EBS"	(15M/15P)	B9d
2133 – 12 volt socket	(14M)	B2d
2141 – Available power supply (lighting)	(30M)	B9d/C2a/C4d
2142 – Available power supply (after ignition)	(30M/30N)	A1c/C4d
2147 – Available power supply (after master switch)	(30M/30N)	A1c/C4d
2154 – Plug socket (150 Amps)	(30M)	C4d
2164 – Electrical master switch	(01M)	C4d
2165 – Master switch	(01N)	C4d
2171 – ADR master switch	(01S)	C4d
2196 – After ignition power supply relay N° 1	(01P)	A2c
2197 – After ignition power supply relay N° 2	(01R)	A2c
2198 – Bodybuilder available connector	(30M/30N)	A1c
2200 – Anti–theft electronic box	(002/08S/01T)	C2a
2210 – Starter with integrated relay	(02R/02T)	B3c
2211 – Starter	(02S)	B3c
2212 – Starting relay	(02S)	A2c/B3c
2213 – Starting safety relay	(25M)	A2c
2219 – Transponder antenna	(01T)	C2a
2220 – Transponder ignition key	(01T)	C2a
2221 – Electronic anti–theft "Information" warning lamp	(19N)	C2b
2261 – Steering lock and starting control	(01M/01N/01T/08S)	C2b
2266 – Engine stop control (cab tilted)	(27R/27T)	A2c
2311 – Alternator	(01M/01N)	B2c
2314 – Battery charge warning lamp	(19N)	C2b
2400 – Fuel filter clogging pressure switch	(27R/27T)	C3c/B3b
2414 – Preheating relay	(02M/02N)	B3d/B2c
2418 – Preheating warning lamp	(19M)	C2b
2422 – Fuel preheater relay	(03M)	A2b
2423 – Renault V.I. fuel preheater	(03M)	C4c
2452 – Preheating resistor N° 1	(02M/02N)	B3c
2453 – Preheating resistor N° 2	(02M)	B3c
2461 – Engine preheating control	(02M)	B2b
2464 – Fuel preheater thermal switch	(03M)	C3c/B3d
3101 – Flasher unit	(05M/08S)	A2a
3117 – Rigid or tractor flasher repeater lamp	(19N)	C2b
3118 – Trailer flasher repeater lamp	(19N)	C2b
3161 – Hazard lights control	(05M/08S)	B2b
3211 – RH front flashing lamp	(05M)	A1d
3212 – LH front flashing lamp	(05M)	C1c
3213 – RH side flashing lamp	(05M)	A3d
3214 – LH side flashing lamp	(05M)	C2d
3410 – Roof trumpet horn solenoid valve	(05M)	C2d
3411 – Horn	(05M)	A2d
3417 – Revolving beacon 1	(05P)	C3a
3418 – Revolving beacon 2	(05P)	A3a
3419 – Revolving beacon(s) relay	(05P)	A2b
3462 – Revolving beacon(s) control	(05P)	C2a
3512 – Stop lights relay	(05N)	A2b
3513 – Fog light(s) relay	(04R)	A2b
3517 – Fog light(s) warning lamp	(19M)	C2b
3618 – Side/parking lights relay	(04M)	A2b
3635 – RH marker lights (bodybuilder equipment)	(04M)	A2c
3636 – LH marker lights (bodybuilder equipment)	(04M)	A2c
3662 – Lighting relay	(04N)	A2b
3716 – LH central marker lamp	(04M)	C5d
3717 – RH central marker lamp	(04M)	A4d

## KEY TO THE APPLIANCES

3721 – RH rear lights	(05P)	A9d
– flashing	(05M)	A9d
– stop	(05N)	A9d
– fog	(04R)	A9d
– reverse	(05P)	A9d
– side/parking	(04M)	A9d
3722 – LH rear lights	(05P)	C9d
– flashing	(05M)	C9d
– stop	(05N)	C9d
– fog	(04R)	C9d
– reverse	(05P)	C9d
– side/parking	(04M)	C9d
4001 – Doors central locking box	(08M)	B2a
4047 – Passenger's side electric door striker	(08M/08N)	A3b
4048 – Driver's side electric door striker	(08M/08N)	C3b
4078 – LH door switch	(10N)	C2c
4079 – RH door switch	(10N)	C2c
4111 – Cigar lighter	(14M)	C2b
4122 – LH swivelling defrosting rearview mirror	(09M)	C2a
4123 – RH swivelling defrosting rearview mirror	(09M)	A2a
4126 – Defrosting rearview mirrors relay	(09M)	A2c
4135 – Electric roof ventilator motor	(08P)	B3a
4136 – Comfort accessories relay	(14M)	A2c
4137 – Windscreen defrosting resistor	(14R)	A1a
4138 – Windscreen defrosting time–delay relay	(14R)	B1c
4160 – Electric roof ventilator control	(08P)	C2a
4161 – External rearview mirrors swivelling control	(09M)	C2b
4163 – Defrosting rearview mirror control	(09M)	C2a
4200 – Voltage dropper (12 Volt socket)	(14M)	A2c
4202 – Radio	(002/14N)	C2a
4209 – Voltage dropper (telecommunications)	(14P)	C2a
4210 – Antenna	(14N/14P)	B2a
4214 – Driver's loudspeaker	(14N)	C2a
4220 – Radio remote control	(19M)	C2b
4221 – Passenger's loudspeaker	(14N)	A2a
4222 – Driver's heated seat	(14M)	C3c
4223 – Passenger's heated seat	(14M)	A3c
4228 – C.B. radio	(14P)	C2a
4229 – Telephone	(14P)	C2a
4251 – Voltage dropper (extra 12V socket)	(14R)	B4c
4311 – Driver's window winder motor	(08P)	C2c
4312 – Passenger's window winder motor	(08P)	A2c
4361 – Driver's window winder control	(08P)	C2b
4362 – Passenger's window winder control	(08P)	A2b
4365 – Passenger's window winder control (driver's side)	(08P)	C2b
4403 – Ventilation control box	(17M)	B2c
4421 – Fan coil heater(s)	(17N)	B2c
4422 – Independent heater	(17M)	A3c
4423 – Independent heater	(17P/17R/17S)	A3c
4466 – Independent heater control	(17S)	C3a
4469 – Independent heater timer control	(17M/17P/17R)	C3a
4470 – Interior temperature sensor	(17M)	A2c
4487 – Temperature variator	(17M/17R)	C3a
4512 – Air conditioning compressor	(17N)	B2d
4545 – Conditioned air relay	(17M)	A2b
4566 – External temperature sensor	(27N)	A1c
4602 – Rear map reader	(10N)	C4a
4614 – Stepwell lighting	(10N)	A2d/C2d
4617 – Top bunk overhead lamp	(10N)	C4a
4618 – Driver's overhead lamp	(10N)	B2a
4621 – Bottom bunk overhead lamp	(10N)	C4a
4625 – Passenger's overhead lamp	(10N)	B2a
4650 – Driver's step lighting	(10N)	C2c
4651 – Passenger's step lighting	(10N)	A2c
4826 – Refrigerator	(14R)	B3c
4908 – Independent heater start–up control	(17M)	B3c
4919 – Fuel feed pump	(17M/17P/17R/17S)	B3c
4937 – Independent heater relay	(17M)	C3a
4938 – Cooling circuit main solenoid valve control	(17M)	C3a

## KEY TO THE APPLIANCES

5266 – Accelerator pedal position sensor	(27M)	C2c
5270 – Limited speed shunt for export	(27N)	A2c
5300 – Windscreen wiper relay	(11M)	A2c
5310 – Headlamp washer time-delay relay	(11M)	A2c
5311 – Windscreen wiper motor	(11M)	B1c
5314 – Windscreen washer pump	(11M)	C1c
5319 – Headlamps washer pump	(11M)	A2d
5322 – Driver's seat belt not attached "Alert" beeper	(14M)	C3c
5500 – Gate valves illumination relay	(30N)	A2c
5561 – Gate valves illumination control	(10M/30N)	C2b
6119 – Dipped beam headlights relay	(04P)	A2b
6120 – Daytime lights relay	(04S)	A2b
6121 – Main beam headlights relay	(04P)	A2b
6123 – Main beam headlights warning lamp	(19N)	C2b
6124 – Headlight, dipped headlight and left side lamp	(04M/04P)	C1d
6125 – Headlight, dipped headlight and right side lamp	(04M/04P)	A1d
6132 – Dipped beam headlights warning lamp	(19N)	C2b
6138 – LH headlamp adjustment motor	(04S)	C2d
6139 – RH headlamp adjustment motor	(04S)	C2b
6166 – Headlights adjustment control	(04S)	C2b
6167 – Steering column fingertip controls	–	C2b
– anti-theft	(01T)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04P)	C2b
– fog driving lamps / fog lamps	(04R)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b
6211 – LH fog driving lamp	(04R)	C1d
6212 – RH fog driving lamp	(04R)	A1d
6214 – Fog driving lights relay	(04R)	A2b
6215 – Long range driving lights relay	(04S)	A2b
6218 – Fog driving lights warning lamp	(19N)	C2b
6221 – RH long range driving lamp	(04S)	A1d
6222 – LH long range driving lamp	(04S)	C1d
6261 – Long range driving lights control	(04S)	B2b
6314 – Working floodlight (tractor)	(10M)	C4c
6315 – Working floodlight warning lamp	(19N)	C2b
6316 – Reversing lights relay	(05P)	A2c
6325 – Reverse gear buzzer	(05P)	B9d
6365 – Reverse gear buzzer control	(05P)	C2a
7100 – Current limiter	(01S)	C4d
7114 – Electronic tachograph	(001/06M)	C2b
7115 – Hourmeter	(19P)	A3c
7362 – Coolant temperature sensor	(27P/27N)	B3c
7368 – Oil pressure sensor	(27P/27S)	B3c
7411 – Fuel level gauge	(19M)	C2b
7462 – Fuel level transmitter	(19M)	A5c/C6c
7519 – Diagnostics socket	(07M/25N)	C3c
7524 – "SAE" socket	(002/07M)	C3c
7614 – Principal display	(001/002/08S/19M/19N)	A2b
7940 – Jake brake solenoid valve N° 1	(27S)	B3c
7941 – Jake brake solenoid valve N° 2	(27S)	B3c
7960 – Self-tracking axle pressure switch	(19N)	
8001 – ABS/ASR ECU	(001/20M/20N/20P)	A2c
8003 – Hydraulic retarder ECU	(001/16P)	A2c
8013 – Trailer ABS safety warning lamp	(19N)	C2b
8014 – ABS LH front roadwheel electrovalve	(20M/20N/20P)	C3d
8015 – ABS RH front roadwheel electrovalve	(20M/20N/20P)	A3d
8016 – ABS LH rear roadwheel electrovalve	(20M/20N/20P)	B7d/B8d
8017 – ABS RH rear roadwheel electrovalve	(20M/20N/20P)	B7d/B8d
8032 – Electric retarder relay box	(16N)	A2c
8034 – Electric retarder	(16N)	B5d
8036 – Electric retarder cut-off relay	(20M/20N/20P)	A2b
8056 – Brake pedal retarder coupling control	(27N)	C2b
8059 – Electric or hydraulic retarder control	(001/16M/16N/16P)	C2b
8060 – ASR control	(20P/20R)	C2a
8061 – ABS LH front roadwheel sensor	(20M/20N/20P)	C3d
8062 – ABS RH front roadwheel sensor	(20M/20N/20P)	A3d

## KEY TO THE APPLIANCES

8063 – ABS LH rear roadwheel sensor	(20M/20N/20P)	C7d/C8d
8064 – ABS RH rear roadwheel sensor	(20M/20N/20P)	C7d/A8d
8100 – LH front brake pads wear switch sensor	(19P/19R/20S)	C3d
8105 – Rear air pressure transmitter	(19M)	C5d
8108 – RH front brake pads wear switch sensor	(19P/19R/20S)	A3d
8109 – LH rear brake pads wear switch sensor	(19R/20S)	A7d
8117 – Brake lining wear warning lamp	(19M)	C2b
8123 – Air pressure alert warning lamp	(19M)	C2b
8138 – Brakes air pressure gauge	(19M)	C2b
8140 – Braking circuit electrovalve (reversing safety)	(05P)	C5d
8150 – Exhaust brake electrovalve	(27R/27T)	B3c
8159 – RH rear brake pads wear switch sensor	(19R/20S)	C7d
8165 – Rear brakes air pressure switch	(19M)	C5d
8166 – Front brakes air pressure switch	(19M)	C5d
8168 – Auxiliary equipment air pressure switch	(27M)	C5d
8169 – Parking brake air pressure switch	(27M)	C5d
8174 – Trailer and parking brakes air pressure switch	(19M)	C5d
8218 – Air filter clogging warning light	(19M)	C2b
8228 – Declutching fan	(27T)	B2c
8261 – Engine speed sensor	(27P/27S)	B3c
8262 – Air filter clogging	(19M)	A2c
8284 – Servo-steering oil pressure switch	(27R/28S)	B3c
8272 – Water level sensor	(27T)	B1c
8275 – Engine oil level sensor	(27P/27S)	B3d
8290 – Economy / performance control	(27N)	C2b
8316 – Power take-off solenoid valve	(25M)	B4c
8317 – Inter-axle differential lock warning lamp	(19M)	C2b
8318 – Inter-wheel differential lock warning lamp	(19M)	C2b
8363 – Rear drive axle inter-wheel differential lock switch	(19M)	B7d/B8d
8364 – Inter-wheel differential lock switch	(19M)	B7d/B8d
8365 – Inter-axle differential lock switch	(19M)	B7d/B8d
8366 – Power take-off switch	(25M/30P)	B4c
8370 – PTO from transfer box switch	(19N)	B1c
8373 – Middle axle inter-wheel differential lock switch	(19M)	C2b
8376 – Front axle differential lock switch	(19M)	C2b
8377 – Transfer box low speed switch	(19M)	C2b
8461 – Vehicle speed sensor	(06M)	B4d
8466 – Neutral switch	(02R/02S/02T/25M)	B4d
8472 – Reverse gear switch	(05P)	B4d
8480 – Hydraulic retarder cooling system temperature sensor	(16N)	B3c
8481 – Air tank electrovalve	(16N)	B4d
8491 – Hydraulic retarder proportional opening solenoid valve	(16N)	B4d
8499 – Rear relay position switch contact	(27M)	B6c
8502 – Suspension ECU	(28M/28N/28P/28R)	A2c
8522 – Suspension information warning lamp	(19M)	C2b
8523 – Suspension alert warning lamp	(19M)	C2b
8524 – Rear suspension electrovalve block	(28M/28N/28P/28R)	B7d/B8d
8525 – Front suspension electrovalve block	(28R)	B3d
8526 – Cab tilting motor	(29M)	A4d
8527 – Cab tilting relay	(29M)	A2c
8544 – Self-tracking axle electrovalve	(28S)	B7c
8546 – Self-tracking axle safety relay	(28S)	B7c
8560 – Remote control box	(28M/28N/28P/28R)	C3c
8569 – Lift-up axle load shedding control	(28P/28R)	C2a
8571 – Front suspension level sensor	(28N/28R)	B7d
8572 – Suspension level RH rear sensor	(28M/28N/28P/28R)	A7d/A8d
8573 – Suspension level LH rear sensor	(28M/28N/28P/28R)	C7d/C8d
8575 – Cab tilting control	(29M)	A2d
8582 – Rear axle air springs pressure sensor	(28P/28R)	B7d
8602 – Automatic gearbox ECU	(25M/25N)	A2c
8604 – "ASTRONIC" ECU	(001/23M)	A2b
8637 – Automatic gearbox	(25M)	B4d
8644 – Clutch switch	(27M)	B3c
8650 – "ASTRONIC" PTO electrovalve	(23M)	B4c
8651 – "ASTRONIC" PTO control	(27N)	B4c
8663 – Gearbox control lever	(001/23M/25N)	B3c
8800 – Air dryer	(02N)	C5d
9200 – Boost air pressure and temperature sensor	(001/27P/27S)	B3c
9201 – Vehicle master ECU (VECU)	(001/08S//27M/27N)	B3c

## KEY TO THE APPLIANCES

9202 – Engine master ECU (EECU) .....	(001/27P/27R/27S/27T)	B3c
9204 – EGR electrovalve .....	(27P)	B3c
9208 – Fuel high pressure sensor .....	(27P/27S)	B3c
9210 – “VECU / EECU” ECU power supply relay .....	(27N)	B3c
9212 – High Pressure pump, solenoid valve cylinder “2” .....	(27P/27S)	B3c
9213 – High Pressure pump, solenoid valve cylinder “1” .....	(27P/27S)	B3c
9220 – Unit pump N° 1 incorporating solenoid valve .....	(27P/27S)	B3c
9221 – Unit pump N° 2 incorporating solenoid valve .....	(27P/27S)	B3c
9222 – Unit pump N° 3 incorporating solenoid valve .....	(27P/27S)	B3c
9223 – Unit pump N° 4 incorporating solenoid valve .....	(27P/27S)	B3c
9224 – Unit pump N° 5 incorporating solenoid valve .....	(27P/27S)	B3c
9225 – Unit pump N° 6 incorporating solenoid valve .....	(27P/27S)	B3c
9226 – Engine oil temperature sensor .....	(27S)	B3c
9230 – Camshaft speed sensor .....	(27S)	B3c
9269 – Vehicle electronic defect “Alert” warning buzzer .....	(19M)	C2b
9420 – Anti-theft alarm ECU .....	(002/08R/08S)	C2a
9421 – Road train perimetric protection pre-arrangement .....	(08R/08S)	C2a
9423 – Anti-theft alarm siren .....	(08R/08S)	A1d
9424 – Ultrasound transmitter .....	(08R)	C2a
9425 – Ultrasound receiver .....	(08R)	B2b
9426 – Road train monitoring module .....	(08R/08S)	C2a
9427 – Anti-aggression control .....	(08R)	B2b
9500 – “EBS” trailer module .....	(20S)	C2c
9501 – “EBS” ECU .....	(001/20R)	A2c
9510 – Road train braking “Alert” warning lamp .....	(19M)	C2b
9530 – “EBS” Front module .....	(20S)	C3d
9520 – Brake valve .....	(20R)	A1a
9560 – “EBS” rear axle air springs pressure sensor .....	(20S)	B7d
9570 – LH front roadwheel speed sensor .....	(20S)	A3d
9571 – RH front roadwheel speed sensor .....	(20S)	C3d
9572 – LH rear roadwheel speed sensor (rear axle) .....	(20S)	C7d
9573 – RH rear roadwheel speed sensor (rear axle) .....	(20S)	A7d
9576 – Parking pressure switch (air supply trip-off) .....	(20R)	C4d
21117 – Extra 12V socket .....	(14R)	B3c
45142 – 3-level air conditioning pressure controller .....	(17N)	B1c
45144 – Two-level air-conditioning pressure controller .....	(17N)	B1c
81101 – Clutch switch and stop lights switch .....	(05M)	B9d
81105 – Brake wear relay shunt .....	(19R)	B2b

## WIRE NUMBER / PLATE EQUIVALENCES TABLE

001	27P	055	27P	0010	14N	0017	19M	0073	25N	1	04M	1	20P
001	27S	055	27S	0010	19N	0018	19M	0074	25N	1	04N	1	20R
007	27M	056	20R	0010	27M	0019	19M	0075	25N	1	04P	1	23M
014	27P	057	20S	0010	27N	0020	19M	0076	25M	1	04R	1	25M
014	27S	064	20R	0011	01T	0023	27N	0077	20S	1	04S	1	25N
017	27M	064	20S	0011	07M	0024	27P	0078	20S	1	05M	1	27M
022	27M	066	20R	0011	08R	0024	27S	0081	20R	1	05N	1	27N
028	27M	066	20S	0011	14N	0025	27P	0081	20S	1	05P	1	27R
032	27S	067	20R	0011	19N	0025	27S	0082	20R	1	06M	1	27T
033	27P	067	20S	0011	27M	0027	16P	0082	20S	1	07M	1	28M
033	27S	068	20R	0011	27N	0028	06M	0083	20R	1	08M	1	28N
034	27P	068	20S	0012	01R	0029	16P	0083	20S	1	08N	1	28P
034	27S	069	20R	0012	06M	0031	16P	0084	20R	1	08P	1	28R
036	27P	069	20S	0012	16P	0032	16P	0084	20S	1	08R	1	28S
036	27S	070	20R	0012	19N	0038	25N	0086	25M	1	09M	1	29M
037	20R	070	20S	0012	20M	0039	08R	0087	25M	1	09P	1	30M
037	20S	071	20S	0012	20P	0045	15M	0088	25M	1	10M	1	30N
038	20R	072	20R	0012	20R	0045	15P	0089	25M	1	10N	1	30P
038	20S	073	20S	0012	23M	0045	20R	0123	08R	1	11M	2	01M
039	20R	077	27M	0012	25N	0046	15M	0124	08R	1	14M	2	01N
040	20R	078	27P	0012	27N	0046	15P	0125	08R	1	14N	2	01P
043	28M	078	27S	0012	27R	0046	20R	0126	08R	1	14P	2	01R
043	28N	079	27P	0012	27T	0056	06M	0403	08R	1	14R	2	01S
043	28P	079	27S	0013	01R	0057	11M	0403	15M	1	15M	2	01T
043	28R	080	27P	0013	06M	0057	19N	1	01M	1	15P	2	02M
044	28M	080	27S	0013	16P	0061	25M	1	01N	1	16N	2	02N
044	28N	081	27P	0013	19N	0062	25M	1	01P	1	16P	2	02R
044	28P	081	27S	0013	20M	0063	15M	1	01R	1	17M	2	02S
044	28R	082	27P	0013	20P	0064	25M	1	01S	1	17N	2	02T
045	27M	082	27S	0013	20R	0065	25M	1	01T	1	17P	2	03M
045	30P	092	27P	0013	23M	0066	25M	1	02M	1	17R	2	04M
047	27M	092	27S	0013	25N	0067	25N	1	02N	1	17S	2	04N
047	30P	097	27P	0013	27N	0068	25N	1	02R	1	19M	2	04P
052	25M	097	27S	0013	27R	0069	25N	1	02S	1	19N	2	04R
052	27P	0010	01T	0013	27T	0070	25N	1	02T	1	19P	2	04S
052	27S	0010	07M	0015	19M	0071	25N	1	03M	1	19R	2	05M
055	25M	0010	08R	0016	19M	0072	25N	1	04M	1	20M	2	05N

### WIRE NUMBER / PLATE EQUIVALENCES TABLE

2	05P	6	15P	33	05M	60	19N	83	27M	201	01M	212	27R
2	07M	6	30M	34	05M	62	04P	83	29M	201	01N	212	27T
2	08M	12	02R	34	19N	62	04S	84	19M	201	01R	213	16N
2	08N	12	02S	35	05M	63	04P	84	20R	201	01S	213	20M
2	09M	12	02T	35	19N	64	02M	86	19M	201	06M	213	20P
2	10M	12	25M	36	05M	64	04N	87	19M	201	30M	214	01M
2	10N	12	27M	37	05M	64	04S	88	17S	202	01R	214	01N
2	11M	21	02S	38	05M	64	05M	88	25M	202	01S	214	14M
2	14M	22	01M	39	05M	64	05P	88	27N	202	05M	215	09M
2	14R	22	01N	39	15M	64	08P	88	30P	202	14N	216	01P
2	15M	22	01P	39	15P	64	08R	108	01S	202	17M	216	11M
2	15P	22	01R	43	17M	64	09M	108	06M	202	17P	217	14M
2	16N	22	01T	45	10N	64	10M	119	08R	202	17R	229	06M
2	16P	22	27M	45	14P	64	11M	119	10N	203	06M	229	27N
2	17M	23	01P	46	14P	64	14M	119	19N	204	10N	231	29M
2	17P	23	30N	47	04S	64	17M	123	05N	204	17M	235	08M
2	17R	24	01P	47	07M	64	17N	123	27M	204	17P	235	08N
2	17S	24	04S	47	14M	64	19N	124	14M	204	17R	238	14R
2	19N	24	05N	48	08P	64	20P	141	06M	204	17S	240	05N
2	20M	24	05P	51	16M	64	20R	142	06M	205	01M	240	27M
2	20P	24	09M	51	16N	64	25N	144	14P	205	01N	243	01R
2	20R	25	01M	51	16P	64	27N	147	01M	205	02S	243	08P
2	23M	25	01N	51	27M	64	28P	147	08M	205	02T	243	20M
2	25M	25	01S	52	16N	64	28R	155	14P	205	27M	243	20P
2	27N	25	17M	52	16P	64	30N	158	19N	206	17M	243	20R
2	29M	25	17P	53	16N	65	04R	159	19M	206	17N	243	29M
2	30M	25	17R	53	16P	67	04P	169	01M	208	14R	244	16P
3	05N	25	17S	54	16N	67	04S	169	01N	208	30N	247	29M
3	15M	25	19N	55	16N	68	04P	169	08M	211	01P	248	05N
3	15P	25	19P	56	16N	68	04S	173	27P	211	09P	260	07M
4	09M	30	05M	57	16N	69	04R	173	27S	211	15M	260	28M
4	14R	30	15M	59	06M	71	19M	174	27P	211	15P	260	28N
5	16N	30	15P	59	28M	76	19M	174	27S	211	16M	260	28P
5	16P	31	05M	59	28N	81	27R	175	27P	211	19N	260	28R
5	27N	31	08M	59	28P	81	27T	175	27S	211	20M	263	01M
6	04N	31	08R	59	28R	82	27R	183	16P	211	20P	263	01N
6	15M	32	05M	60	04R	82	27T	184	16P	212	27N	263	01S

## WIRE NUMBER / PLATE EQUIVALENCE TABLE

263	08M	298	27P	414	17M	497	08P	548	20M	621	04P	841	19P
263	08R	298	27S	414	17P	501	11M	548	20P	634	15M	841	19R
265	14M	301	05M	414	17R	502	11M	549	20M	634	15P	842	03M
265	14N	302	05M	414	17S	503	11M	549	20P	635	05P	846	20P
270	23M	303	04M	428	09M	503	27M	550	20M	651	30N	846	20R
270	25M	303	04S	429	09M	504	11M	550	20P	708	19N	851	06M
273	01P	304	04M	430	09M	506	11M	551	20M	709	27N	851	07M
273	02M	305	04M	431	09M	506	27M	551	20P	710	27N	851	16P
273	03M	305	30N	432	09M	507	11M	552	20M	711	17M	851	17M
273	08R	306	04R	436	08M	508	11M	552	20P	712	17M	851	17P
273	16P	307	04R	436	08N	508	27M	556	20M	802	02M	851	17R
273	17N	307	15M	437	04S	509	11M	556	20P	802	19M	851	17S
274	01P	307	15P	444	14N	510	11M	557	20M	803	02M	851	19N
274	28M	307	19M	445	17M	522	15M	557	20P	803	02M	851	20M
274	28N	310	05M	447	14N	522	15P	576	16P	808	03M	851	20P
274	28P	311	05M	448	14N	529	20M	602	04P	809	19M	851	20R
274	28R	313	04M	451	14N	529	20P	603	04P	813	28M	851	23M
275	02N	313	04N	462	17N	535	20M	603	19N	813	28N	851	27M
275	30N	316	04S	463	01R	535	20P	604	04P	813	28P	851	27R
288	17S	321	05P	463	17M	536	20M	605	04P	813	28R	851	27T
291	27R	321	08P	463	23M	536	20P	605	19N	814	28M	851	28M
291	27T	322	05P	463	25M	537	20M	606	10M	814	28N	851	28N
292	02N	323	05P	463	28S	537	20P	606	15M	814	28P	851	28P
292	02R	352	15M	469	08P	538	20M	606	15P	814	28R	851	28R
292	27R	352	15P	470	08P	538	20P	606	30N	815	28M	854	07M
292	27T	352	19N	476	08R	539	20M	607	10M	815	28N	854	20M
293	27P	370	04R	476	17M	539	20P	607	19N	815	28P	854	20P
293	27S	374	08M	476	17P	540	20M	608	05P	815	28R	854	20R
294	27P	374	08R	476	17R	540	20P	608	15M	816	28R	854	28M
294	27S	386	09M	476	17S	541	20P	608	15P	818	25M	854	28N
295	27P	402	08P	484	08M	545	20M	609	04S	818	30M	854	28P
295	27S	403	08P	484	08N	545	20P	611	04S	823	27R	854	28R
296	27P	413	17M	485	29M	546	20M	613	04S	823	27T	858	28P
296	27S	413	17P	489	17N	546	20P	618	10M	825	06M	858	28R
297	27P	413	17R	491	17M	547	20M	618	15P	829	28S	860	28P
297	27S	413	17S	496	08P	547	20P	618	30N	841	19M	860	28R



### WIRE NUMBER / PLATE EQUIVALENC TABLE

861	28P	880	28N	1015	20P	1044	25N	2025	20R	4003	17P	5031	25M
861	28R	880	28P	1016	20P	1045	25N	2026	27S	4003	17R	5045	28S
864	28P	880	28R	1018	05P	1046	25M	2027	27S	4004	17M	5046	28S
864	28R	881	28M	1018	27N	1047	27M	2050	27N	4004	17P	8020	27N
867	19P	881	28N	1019	14R	1050	28S	2059	01S	4004	17R	8025	27R
867	19R	881	28P	1021	08R	1051	28S	2059	06M	4004	17S	8025	27T
868	19P	881	28R	1021	10N	1055	27S	2064	27P	4010	14M	8040	19R
868	19R	888	03M	1021	19N	1058	02N	2069	25M	4014	08P	8041	19R
869	27P	899	28M	1022	23M	1058	27R	2070	25M	4015	08P	8044	27T
869	27S	899	28N	1025	30M	1064	08R	2071	25M	4029	17M	8045	27T
870	27P	945	14N	1025	30P	1077	02R	2072	25M	4051	14R	8046	27T
870	27S	946	14N	1026	27N	1077	27T	2073	25N	4052	17N	8062	01M
873	19M	947	14P	1026	30P	1078	20R	2074	25N	4052	27T	8062	01N
873	28M	948	14P	1027	27P	1119	08R	2075	20S	5001	20M	8067	27N
873	28N	1006	27P	1029	25M	2000	14R	2088	25M	5001	20P	8067	30M
873	28P	1006	27S	1030	25M	2004	04S	2089	23M	5001	20R	8072	27R
873	28R	1007	27S	1031	25M	2005	05N	2091	25N	5002	01T	8072	27T
874	19M	1010	27T	1032	25M	2005	27M	2092	25N	5002	19N	8083	30N
874	28M	1012	20M	1033	25M	2006	27P	2093	05P	5026	05P	8084	19M
874	28N	1012	20P	1034	25M	2006	27S	2093	28S	5026	30M	8084	30N
874	28P	1013	20M	1035	25M	2015	27P	4000	14P	5027	27N	8086	19M
874	28R	1013	20P	1036	27N	2015	27S	4002	17M	5027	30M	8086	30N
879	28N	1014	20M	1037	20S	2023	16P	4002	17P	5028	05N	8087	19M
879	28R	1014	20P	1037	25M	2025	20M	4002	17R	5028	27M	8087	30N
880	28M	1015	20M	1043	25M	2025	20P	4002	17S				

**SUMMARY OF DIAGRAMS****PLATE 001****"BUS J1939" COMMUNICATION NETWORK WITH ASTRONIC****PLATE 002****"BUS J1587" COMMUNICATION NETWORK****PLATE 1****POWER SUPPLY / STARTING****POWER SUPPLY AND CONTROLS****BUS / CAN J1939 INTERCONNECTION BOX****ELECTRONIC THEFT PROTECTION SYSTEM****ADR EQUIPMENT****PLATE 2****PREHEATING****STARTING****PLATE 3****FUEL HEATING****PLATE 4****SIGNALLING****LIGHTING****ROAD LIGHTING****DAYTIME LIGHTS DIMMER****PLATE 5****SIGNALLING****STOP LIGHTS****REVERSING LIGHTS****PLATE 6****TACHOGRAPH****PLATE 7****DIAGNOSTICS SOCKETS****PLATE 8****DOORS LOCKING****VEHICLE PROTECTION****WINDOW WINDER / SUN-ROOF****CAN COMMUNICATIONS NETWORKS**

**PLATE 9**

**ELECTRIC DEFROSTING REARVIEW MIRROR  
REVERSING CAMERA REARVISION**

**PLATE 10**

**LOADING FLOODLIGHT  
CAB LIGHTING**

**PLATE 11**

**ENGINE MONITORING / WINDSCREEN / HEADLAMPS WIPE/WASH CONTROL**

**PLATE 14**

**CAB COMFORT  
RADIO SET  
TELEPHONE/CB  
REFRIGERATOR  
WINDSCREEN DEFROSTING**

**PLATE 15**

**TRAILER SOCKETS  
ADR TRAILER SOCKET**

**PLATE 16**

**RETARDER  
ELECTRIC RETARDER  
HYDRAULIC RETARDER**

**PLATE 17**

**INDEPENDENT HEATING Thermo 90  
AIR CONDITIONING  
INDEPENDENT HEATER ADR AT2000**

**PLATE 19**

**PRINCIPAL DISPLAY  
BRAKE PAD WEAR**

**PLATE 20**

**ABS / ASR EQUIPMENT  
EBS EQUIPMENT**

**PLATE 23**

**“ASTRONIC” GEARBOX**

PLATE 25

AUTOMATIC GEARBOX

PLATE 27

CAB INJECTION CONTROL

DCI6 ENGINE INJECTION CONTROL

DCI11 ENGINE INJECTION CONTROL

PLATE 28

AIR SUSPENSION

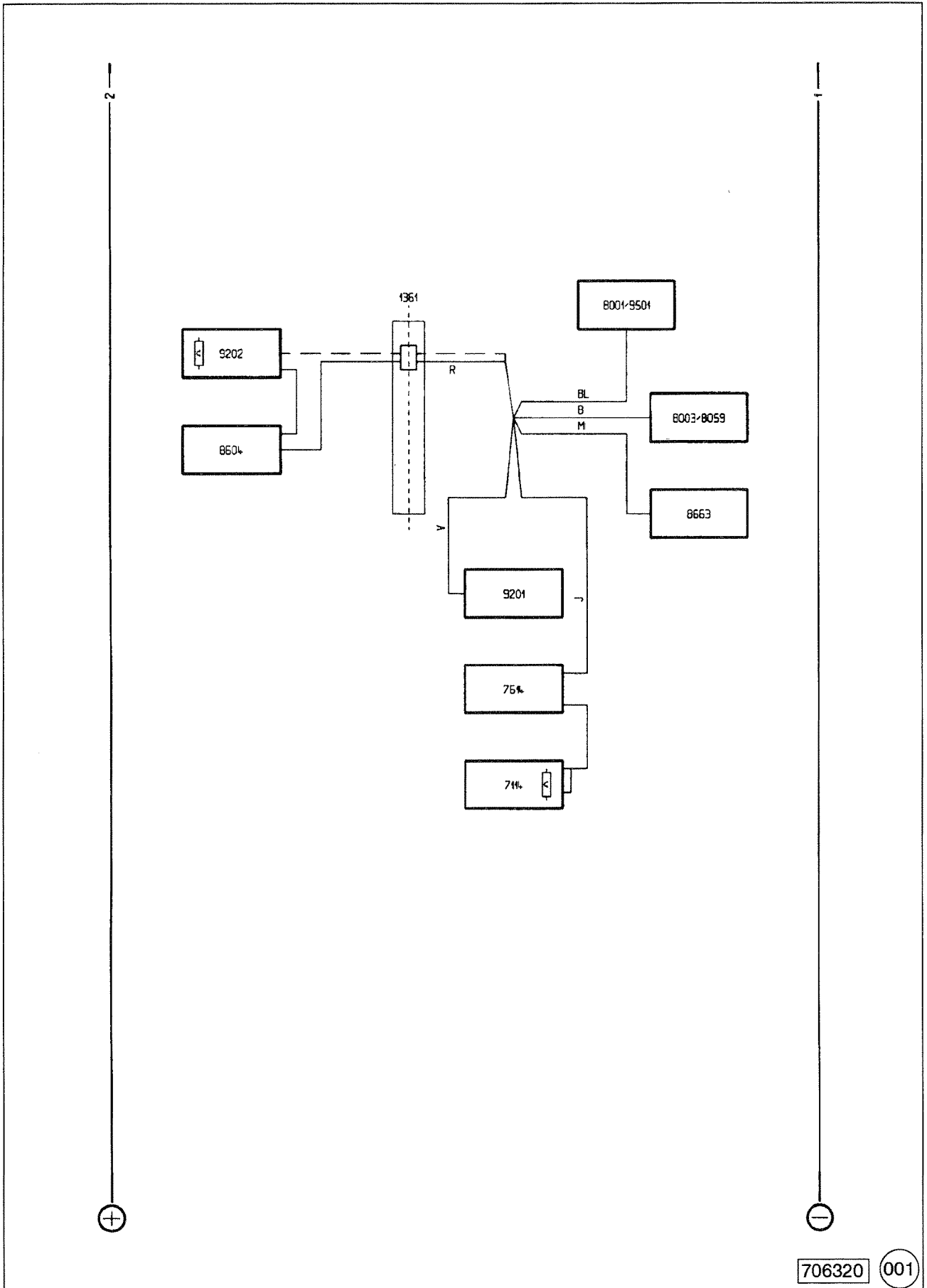
SELF-TRACKING AXLE

PLATE 29

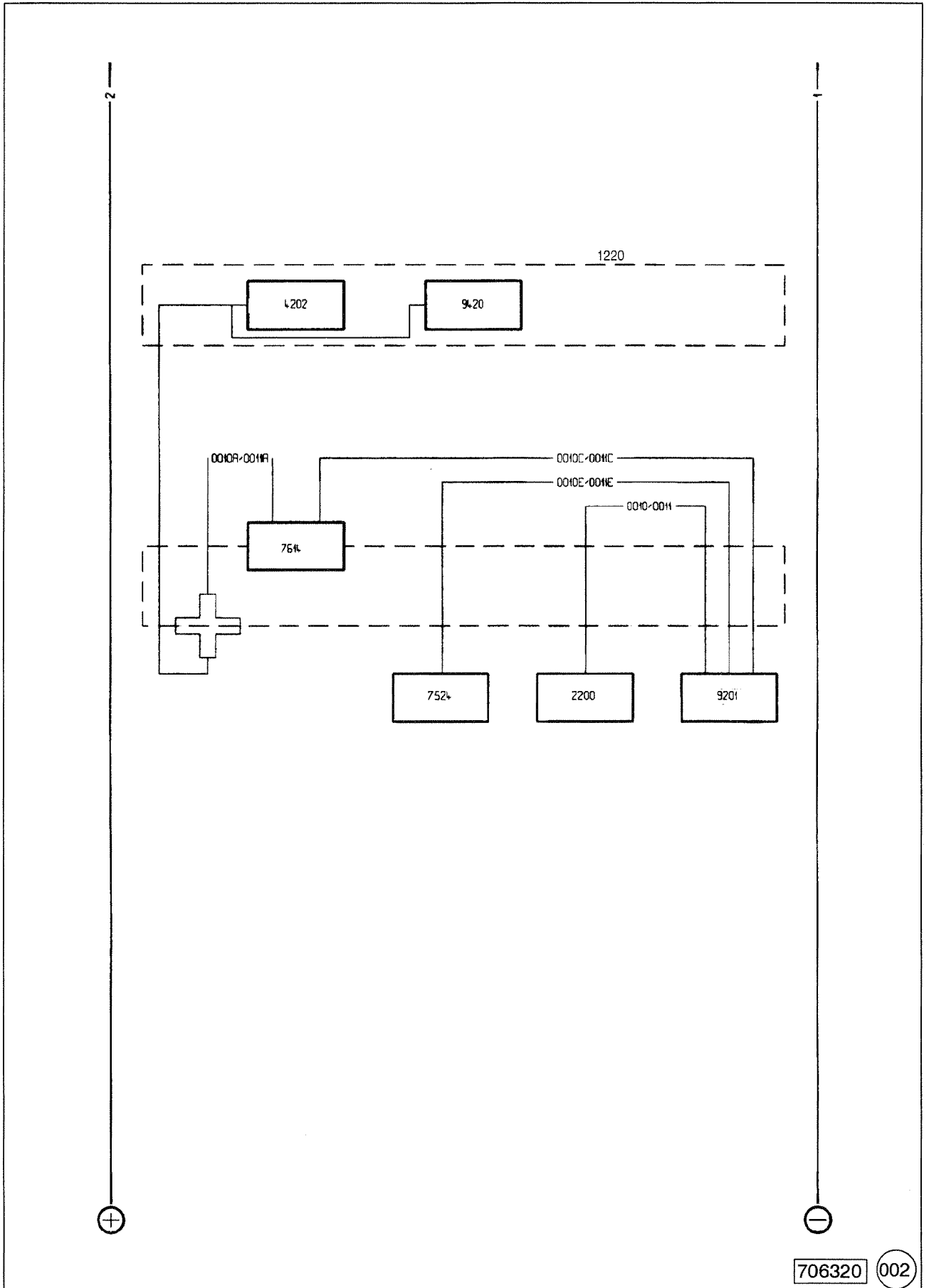
CAB TILT MECHANISM

PLATE 30

AVAILABLE POWER SUPPLIES

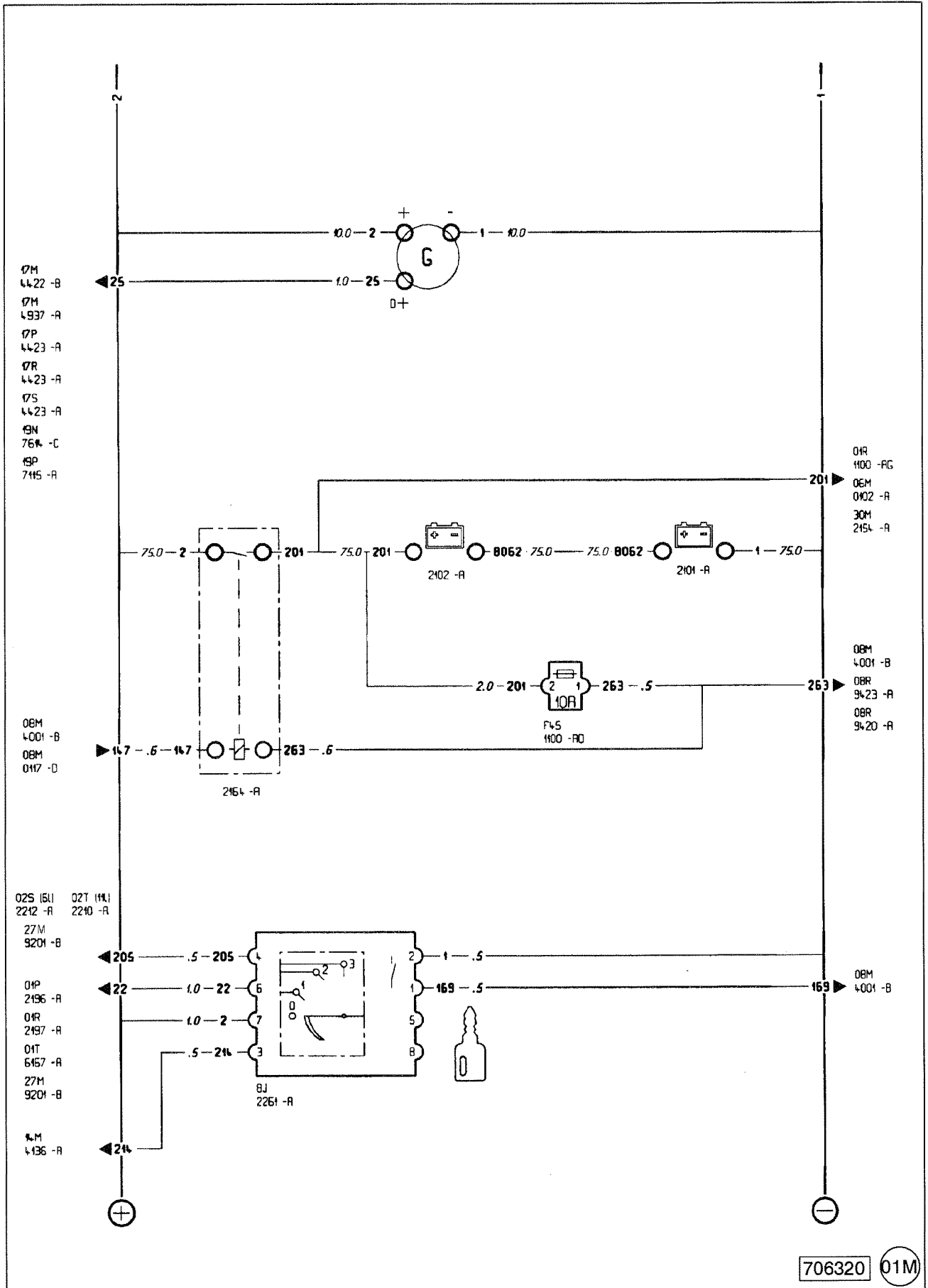


"BUS J1939" COMMUNICATION NETWORK WITH ASTRONIC

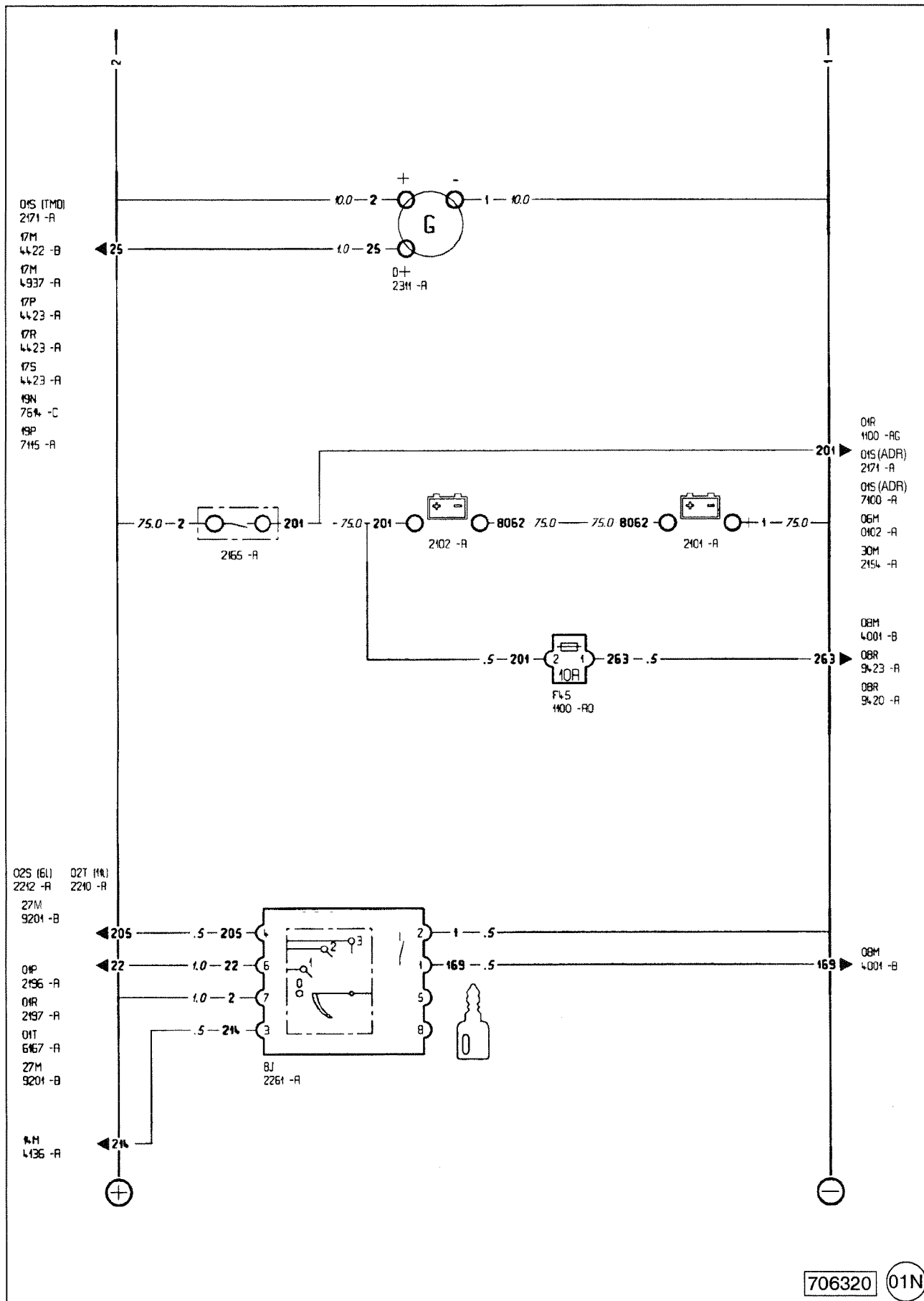


706320 002

"BUS J1587" COMMUNICATION NETWORK



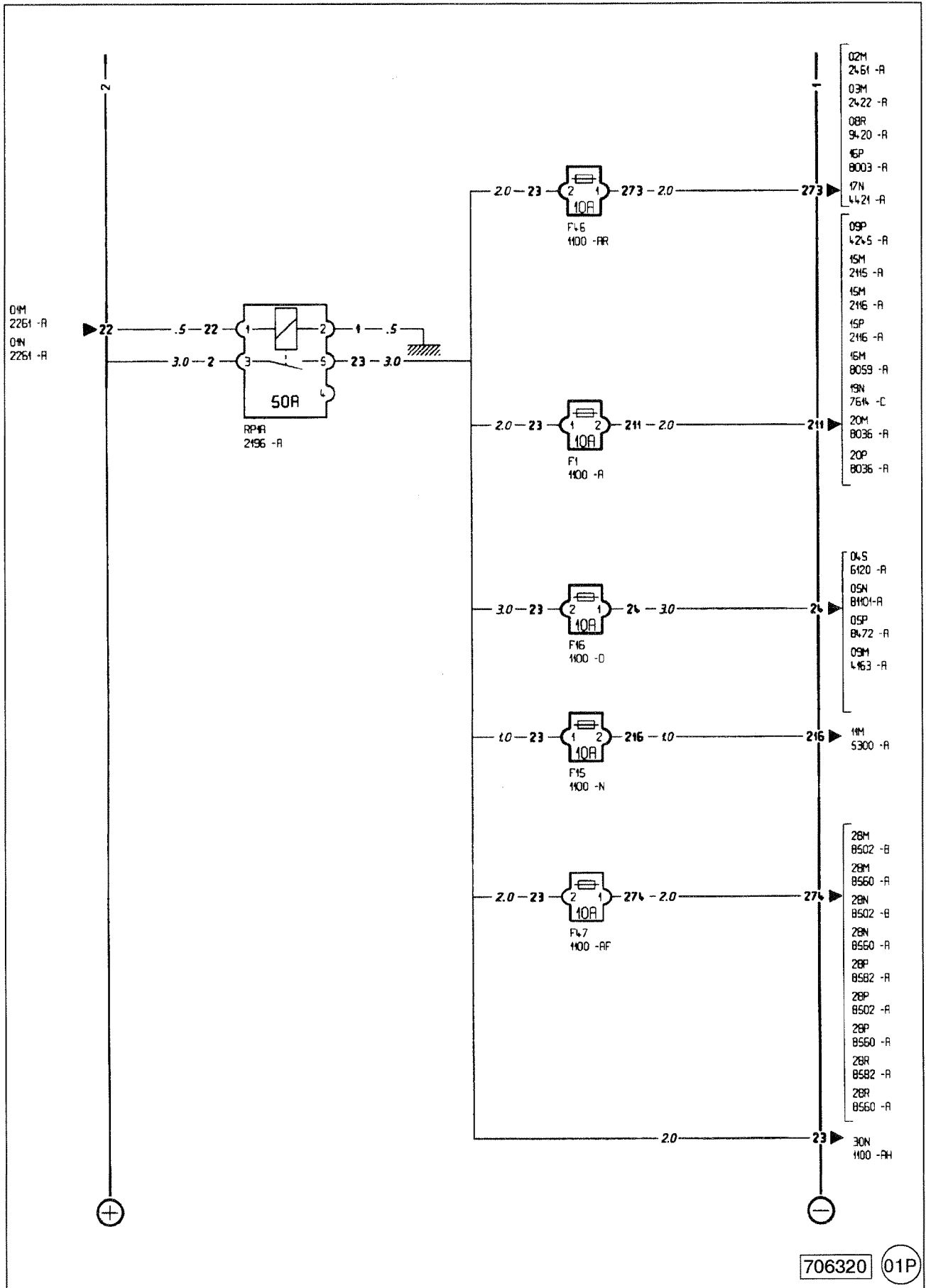
POWER SUPPLY / STARTING



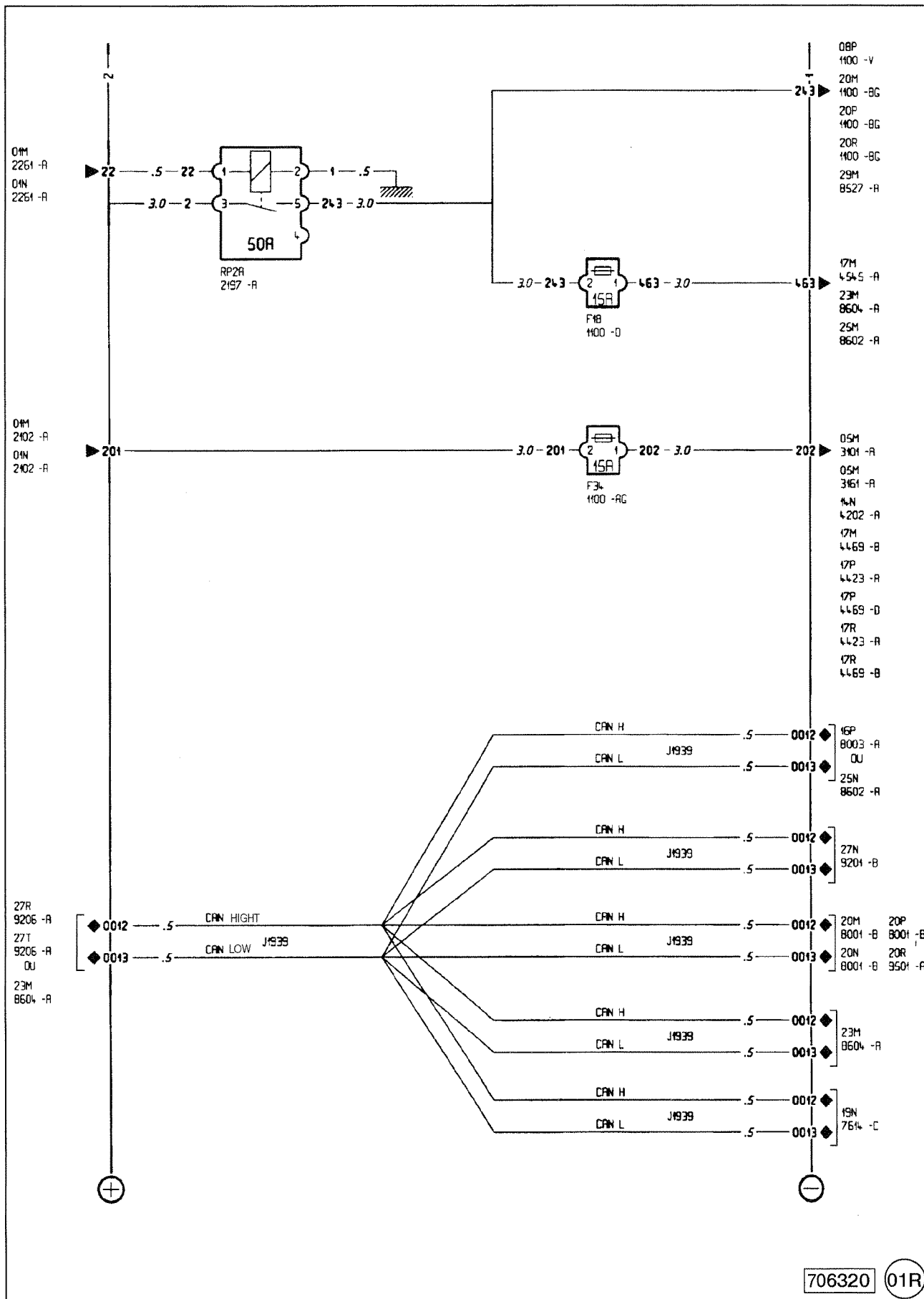
706320 (01N)

POWER SUPPLY / STARTING



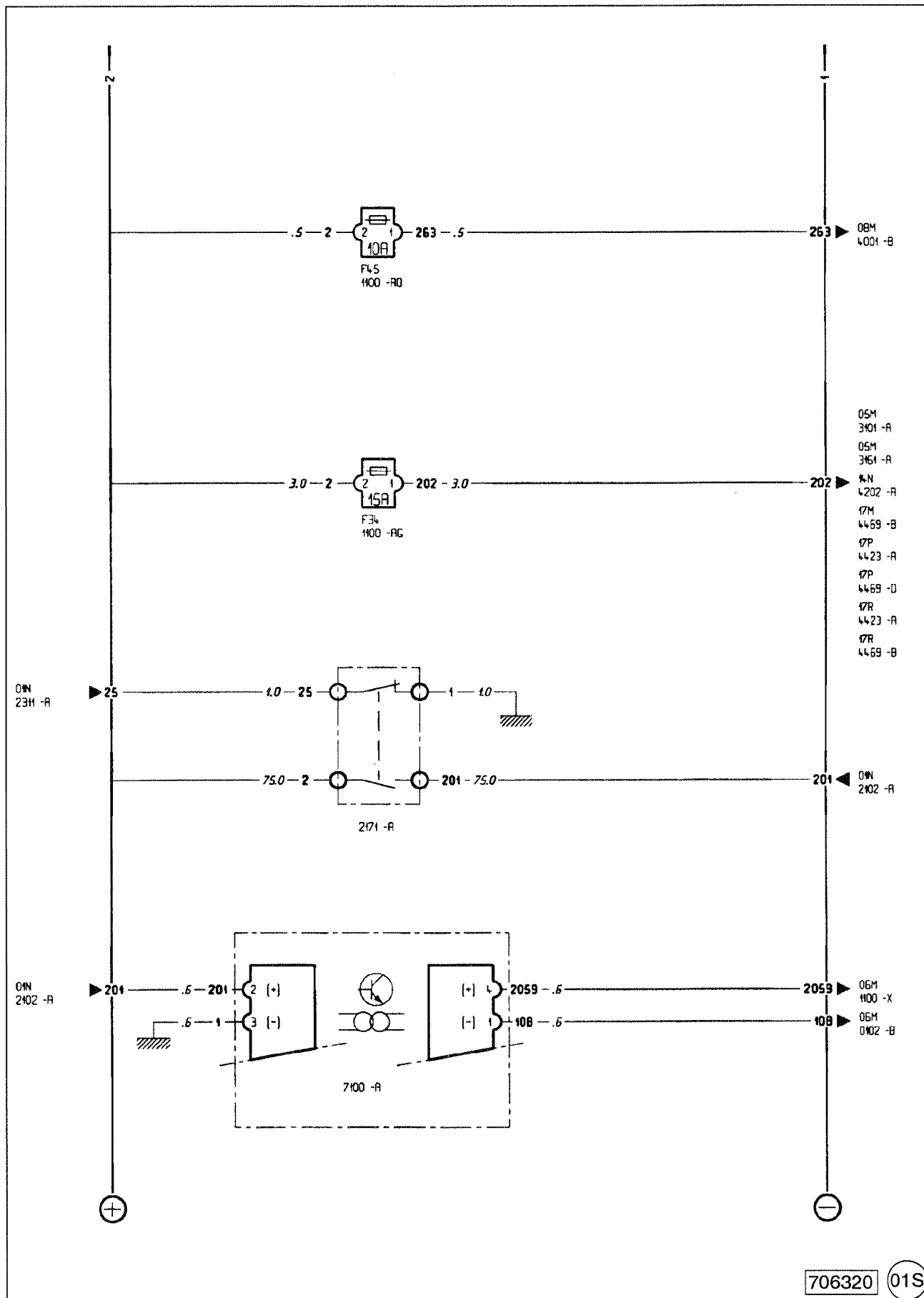


706320 (11P)

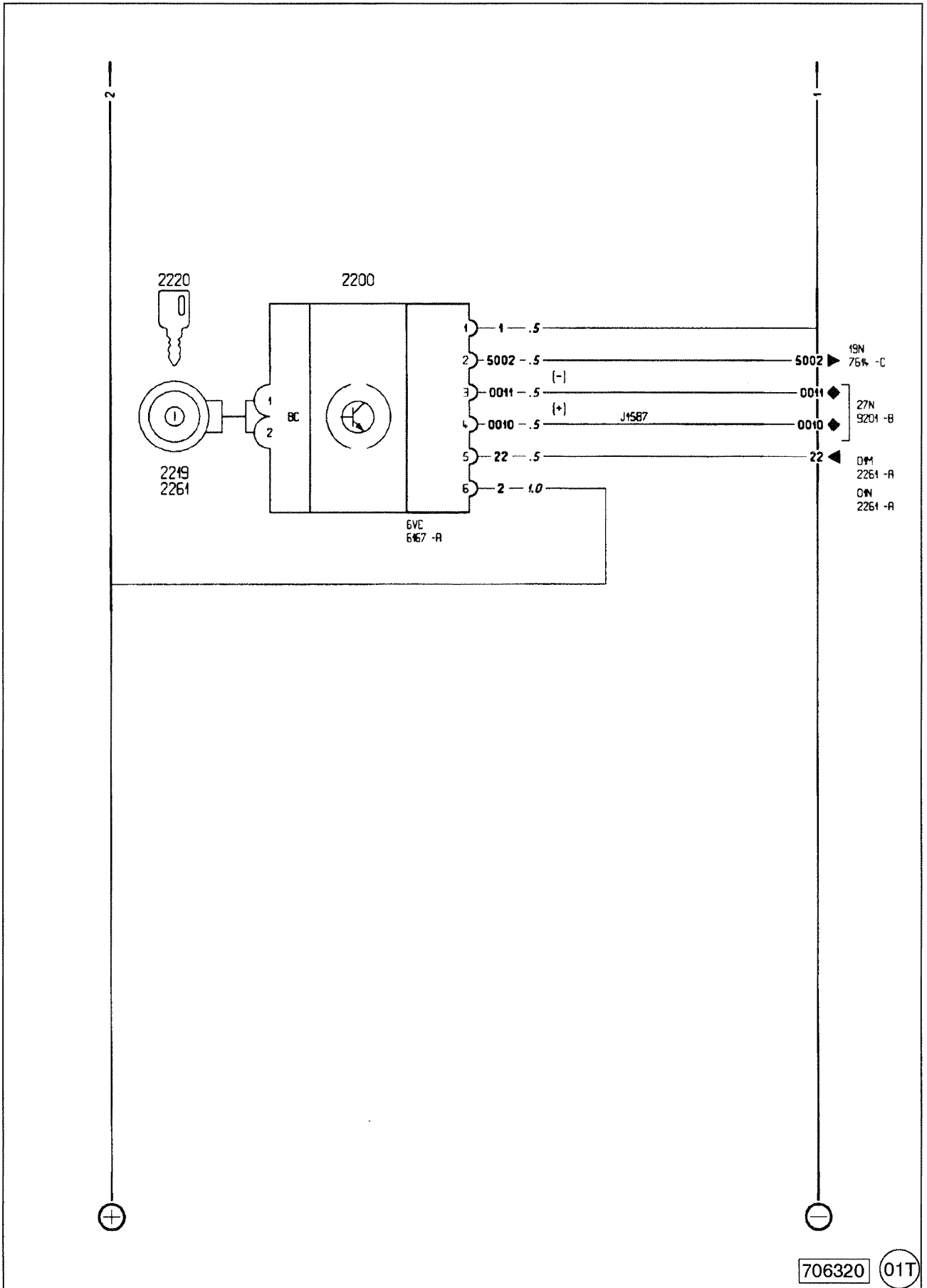


706320 01R

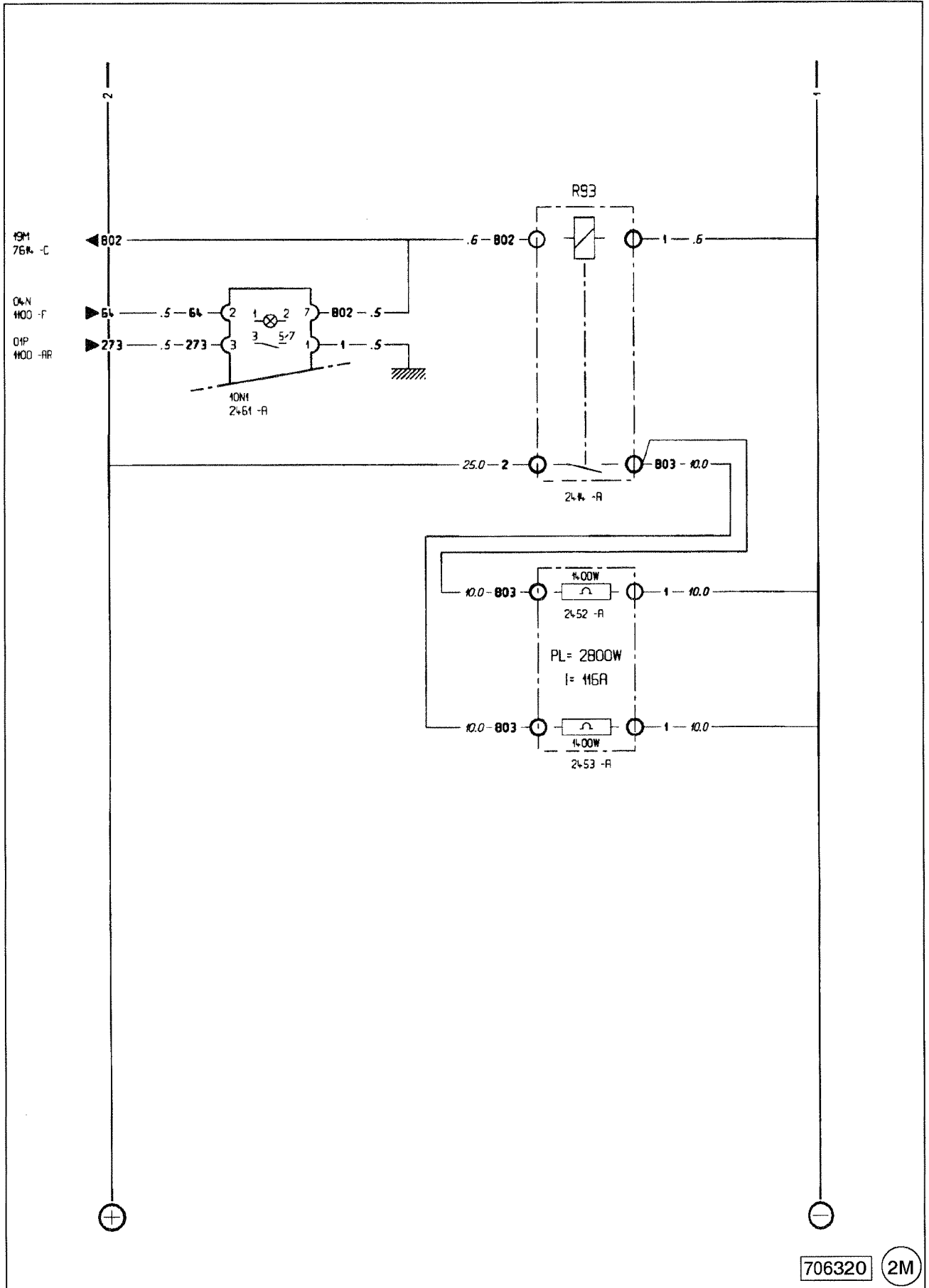
POWER SUPPLY AND CONTROLS



ADR EQUIPMENT

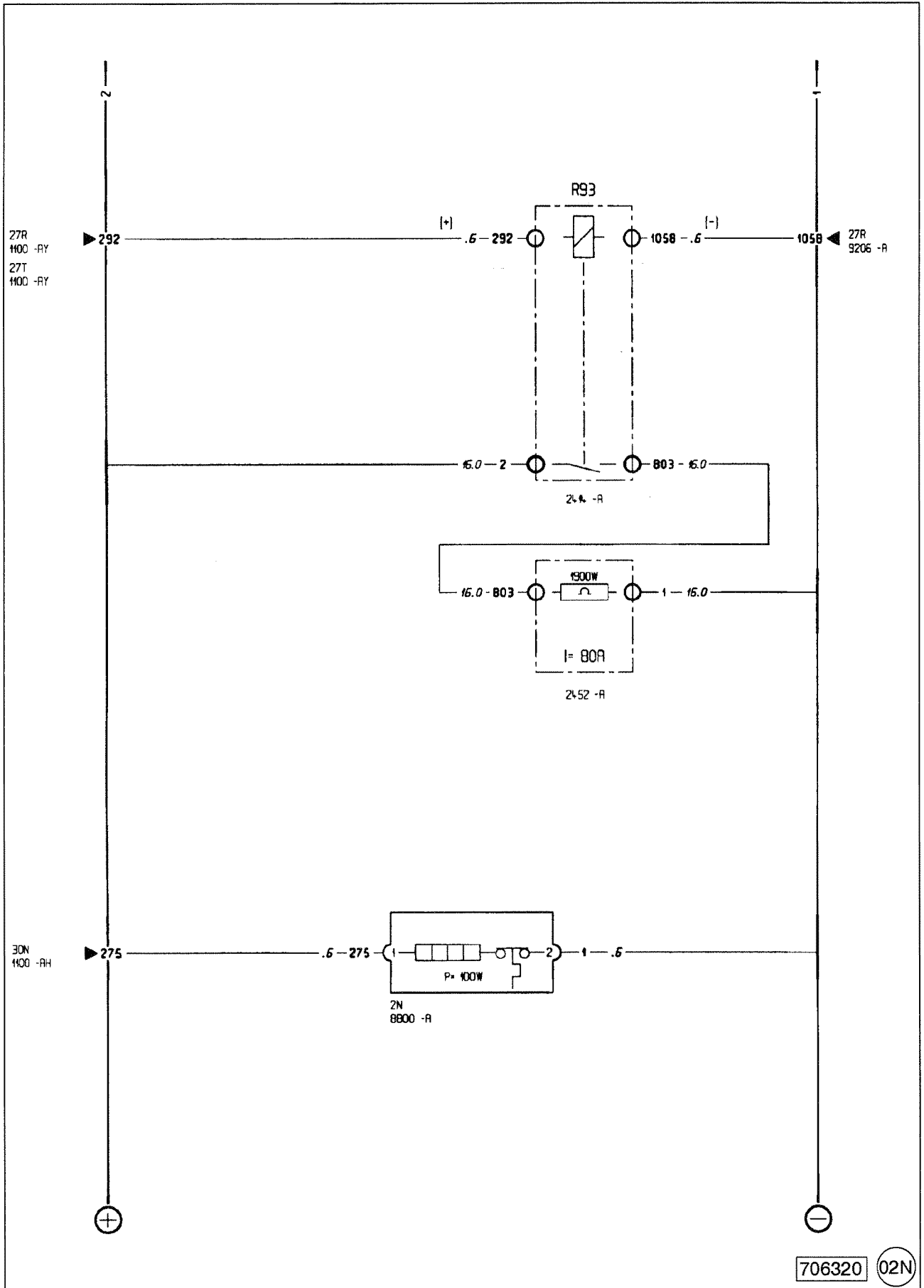


ELECTRONIC THEFT PROTECTION SYSTEM

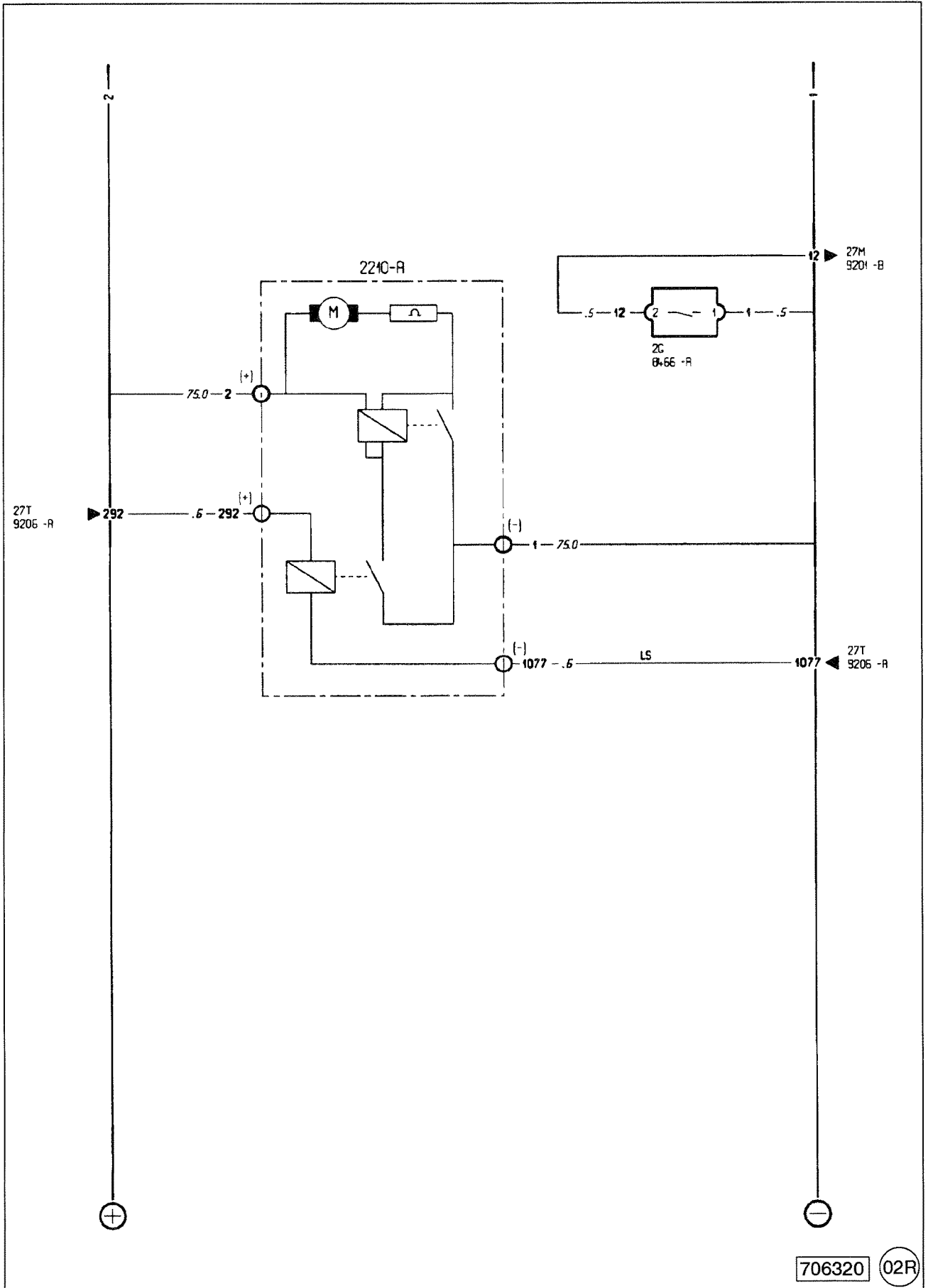


706320 (2M)

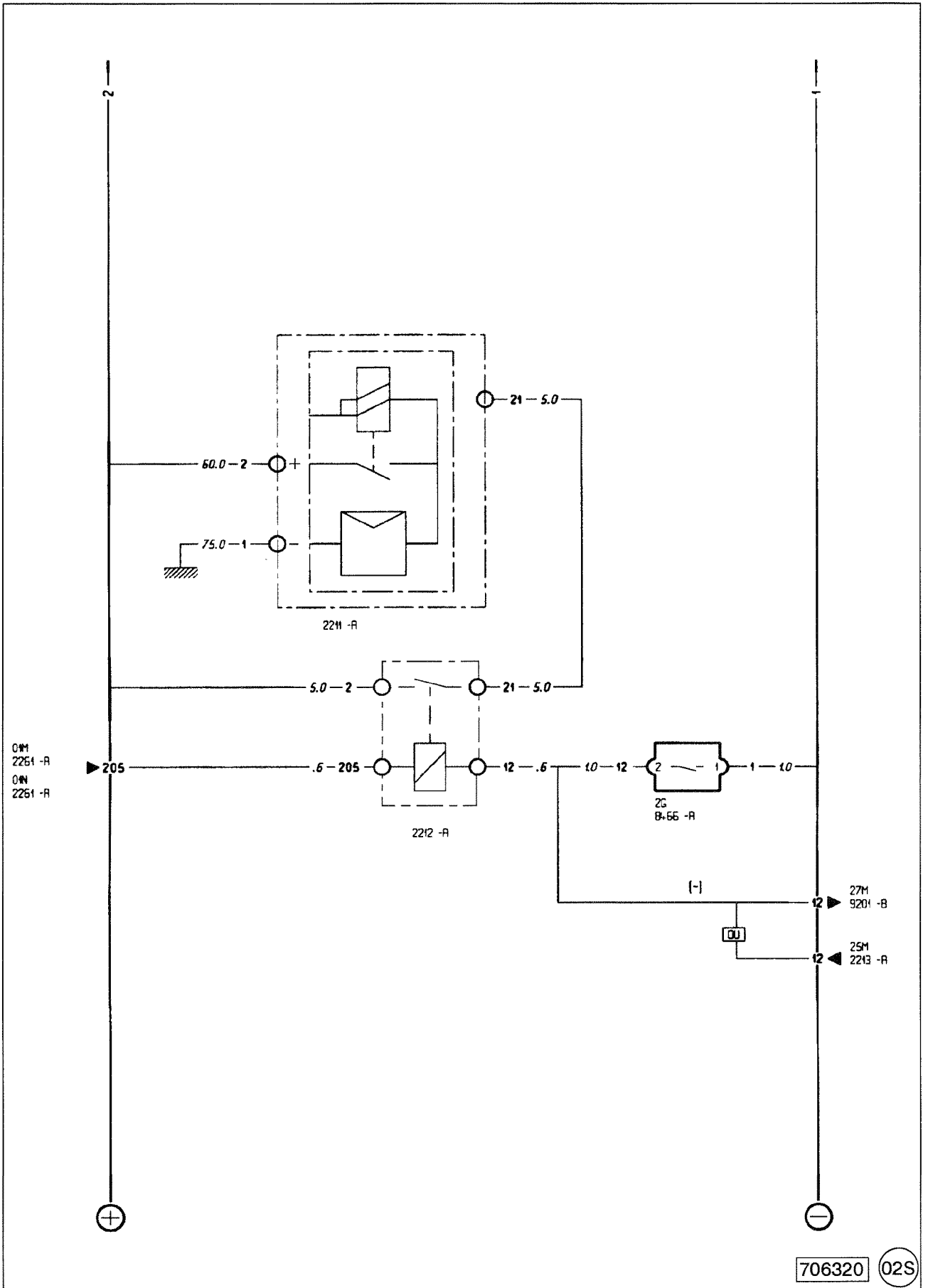
PREHEATING



PREHEATING

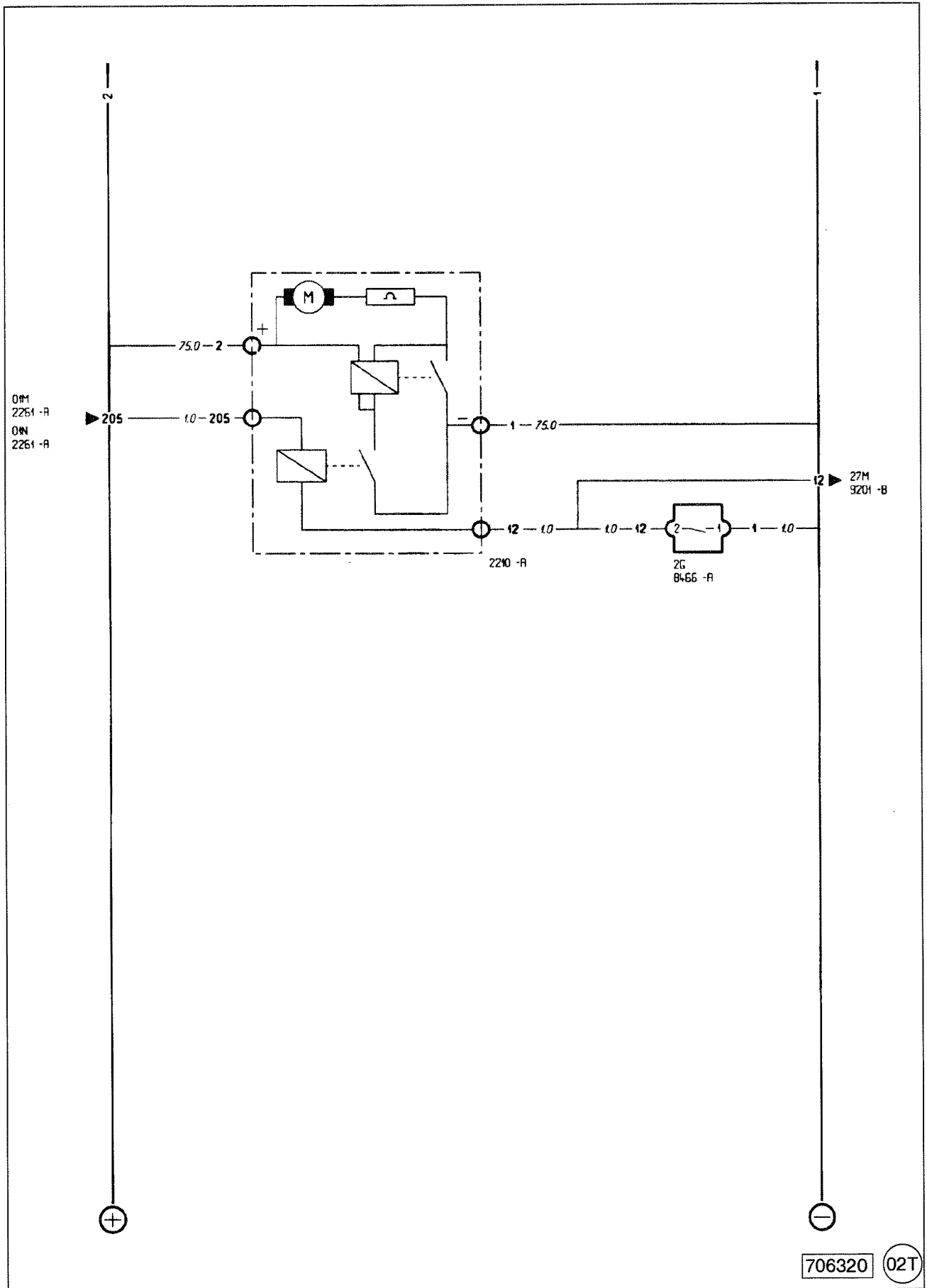


STARTING

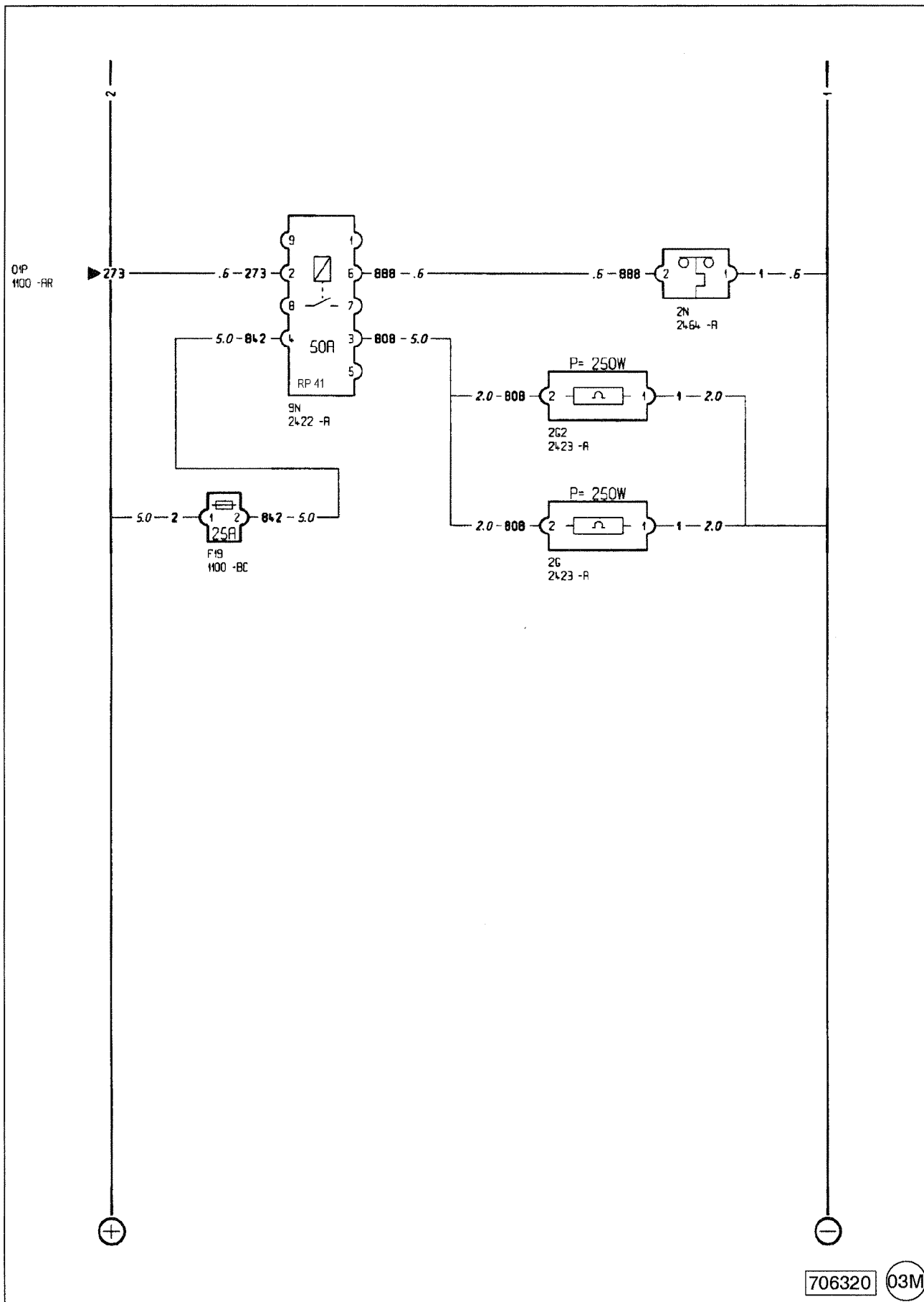


STARTING



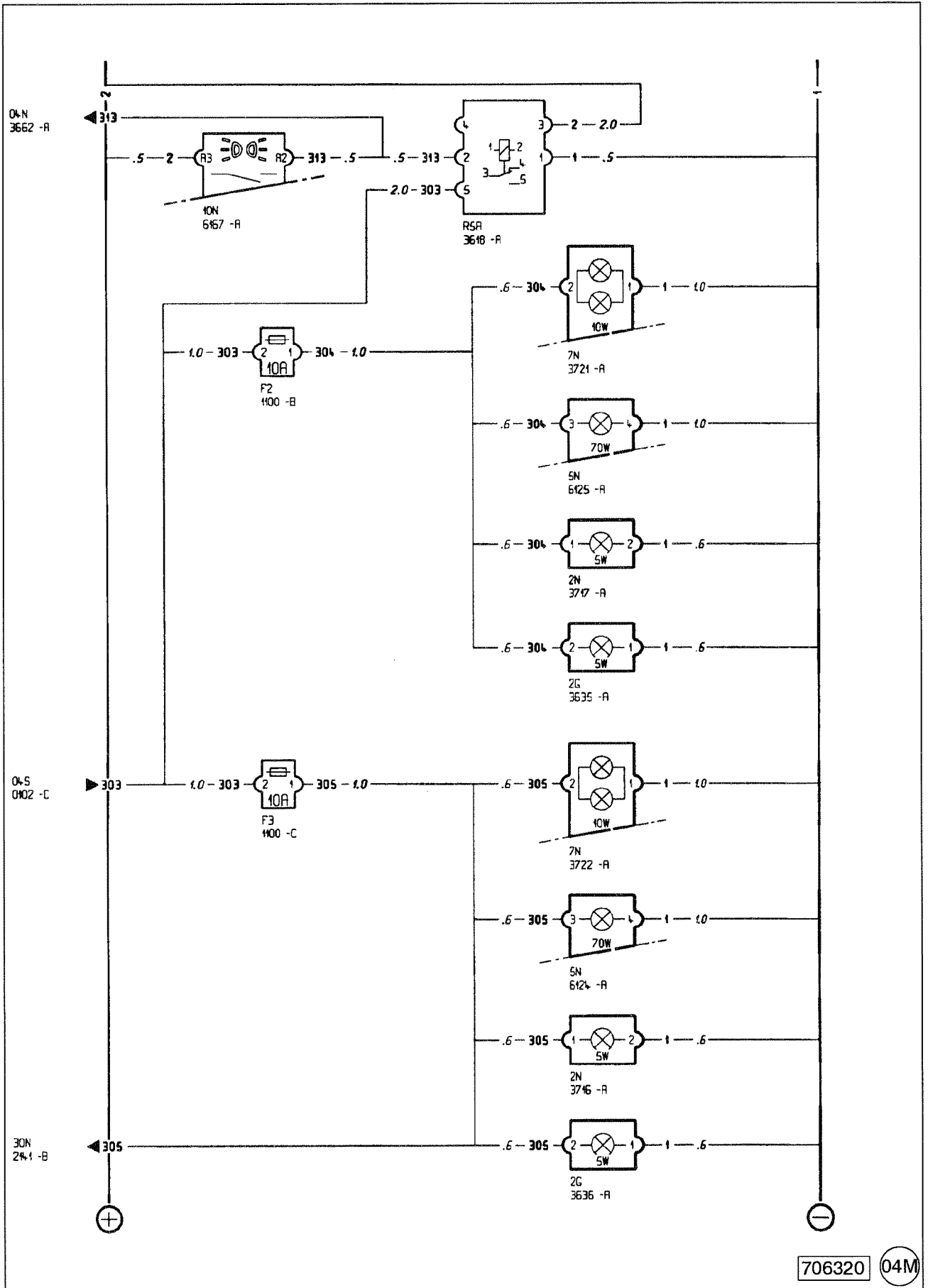


STARTING



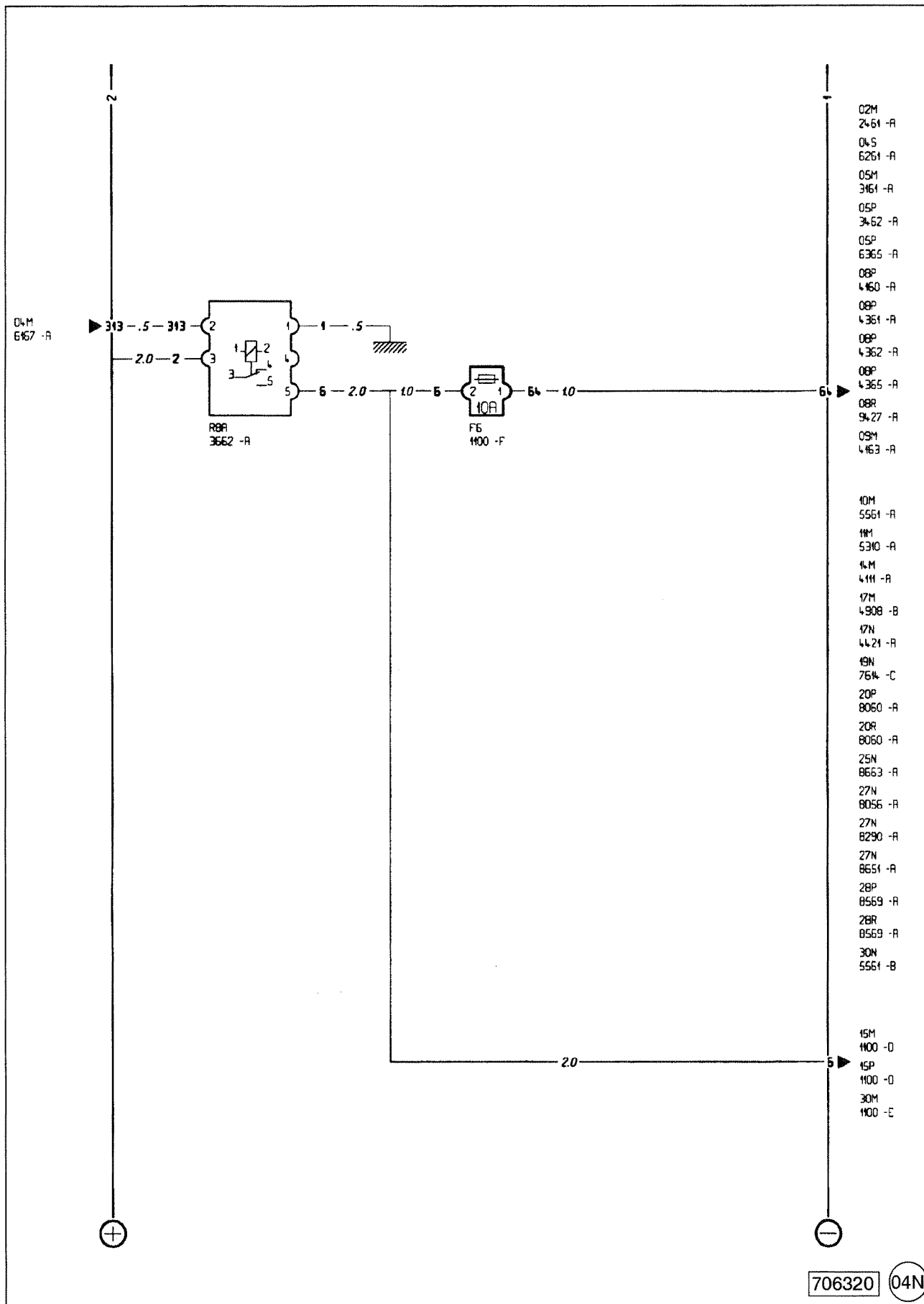
706320 03M

FUEL HEATING



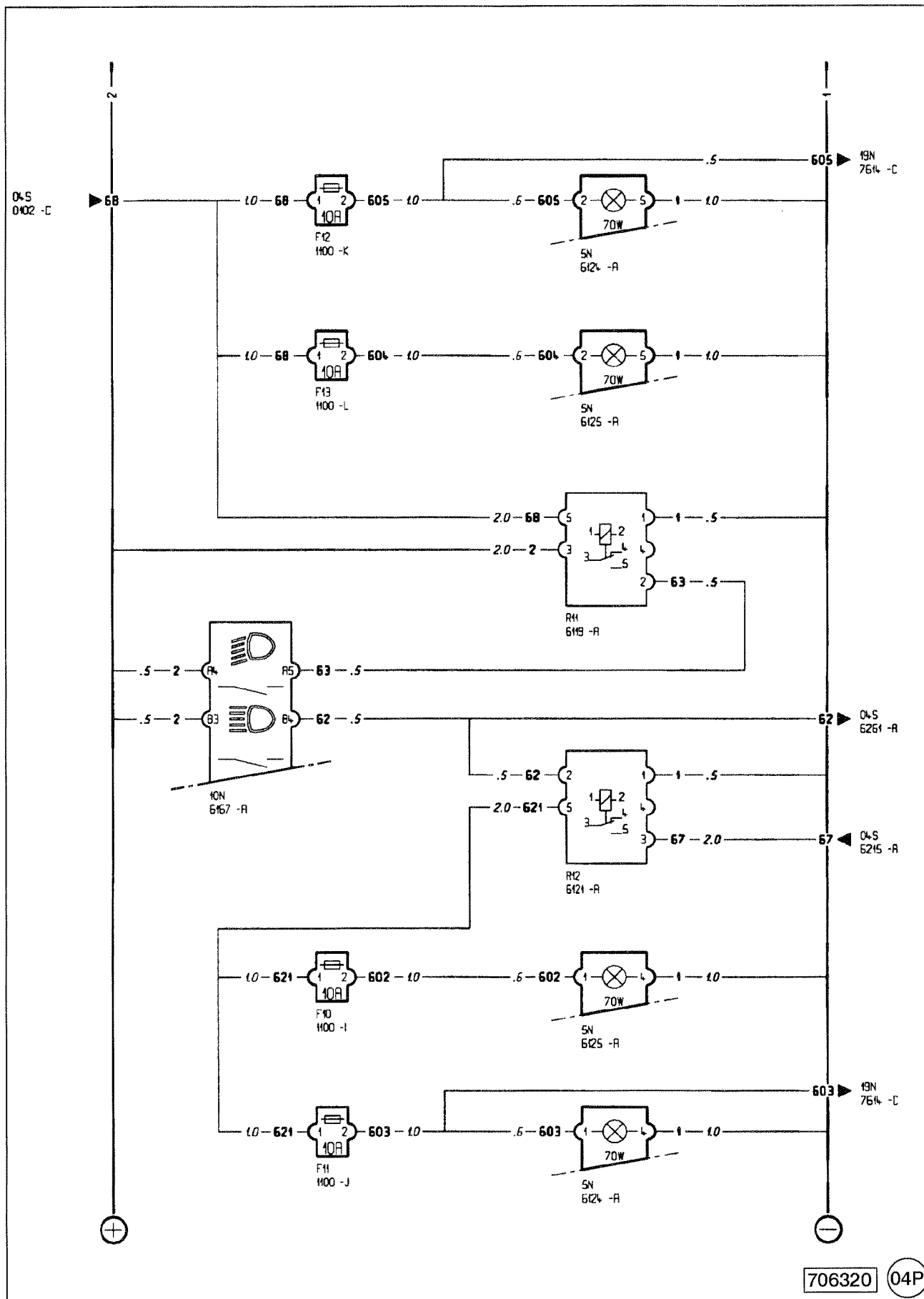
706320 (04M)

LIGHTING

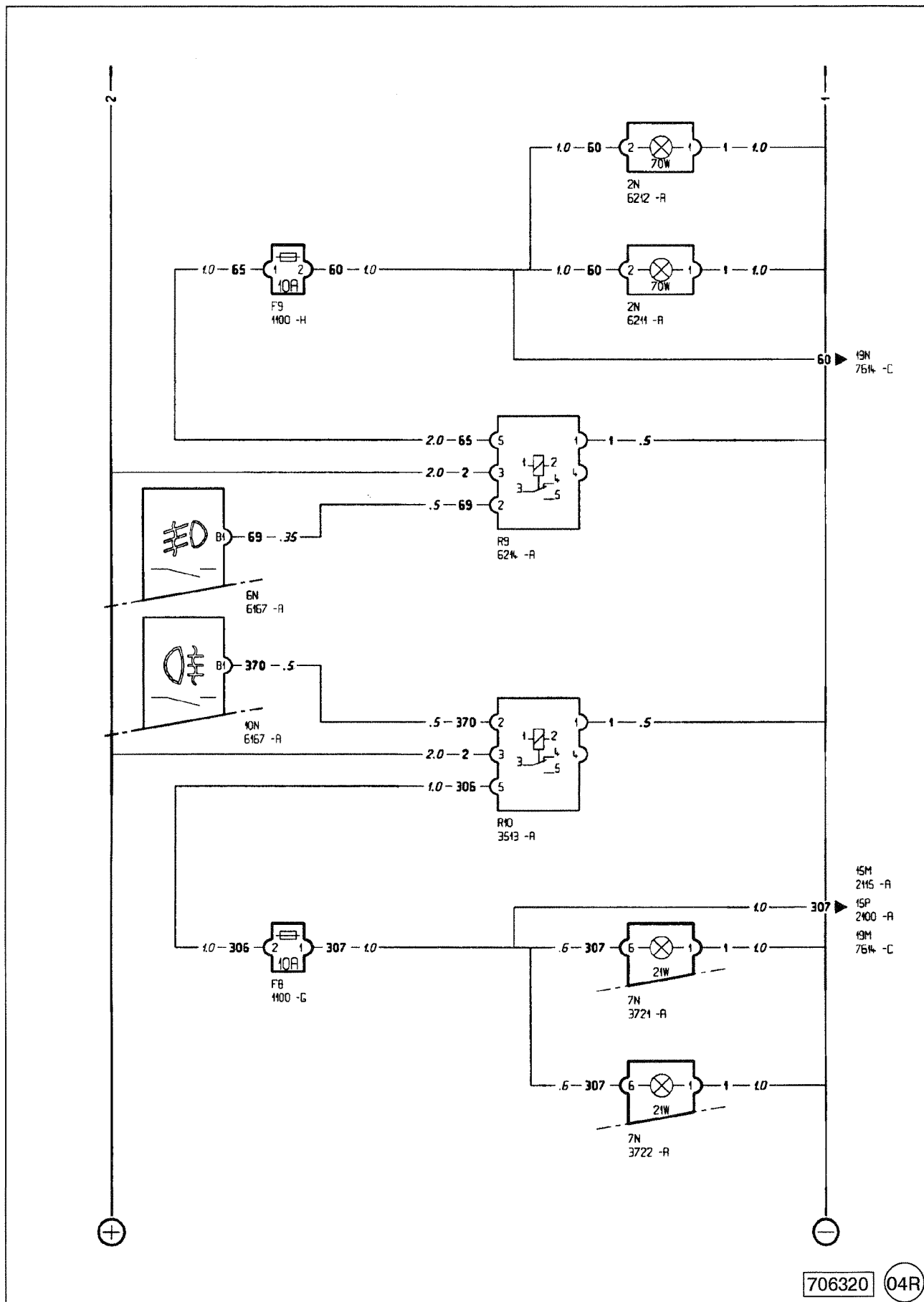


706320 (04N)

LIGHTING

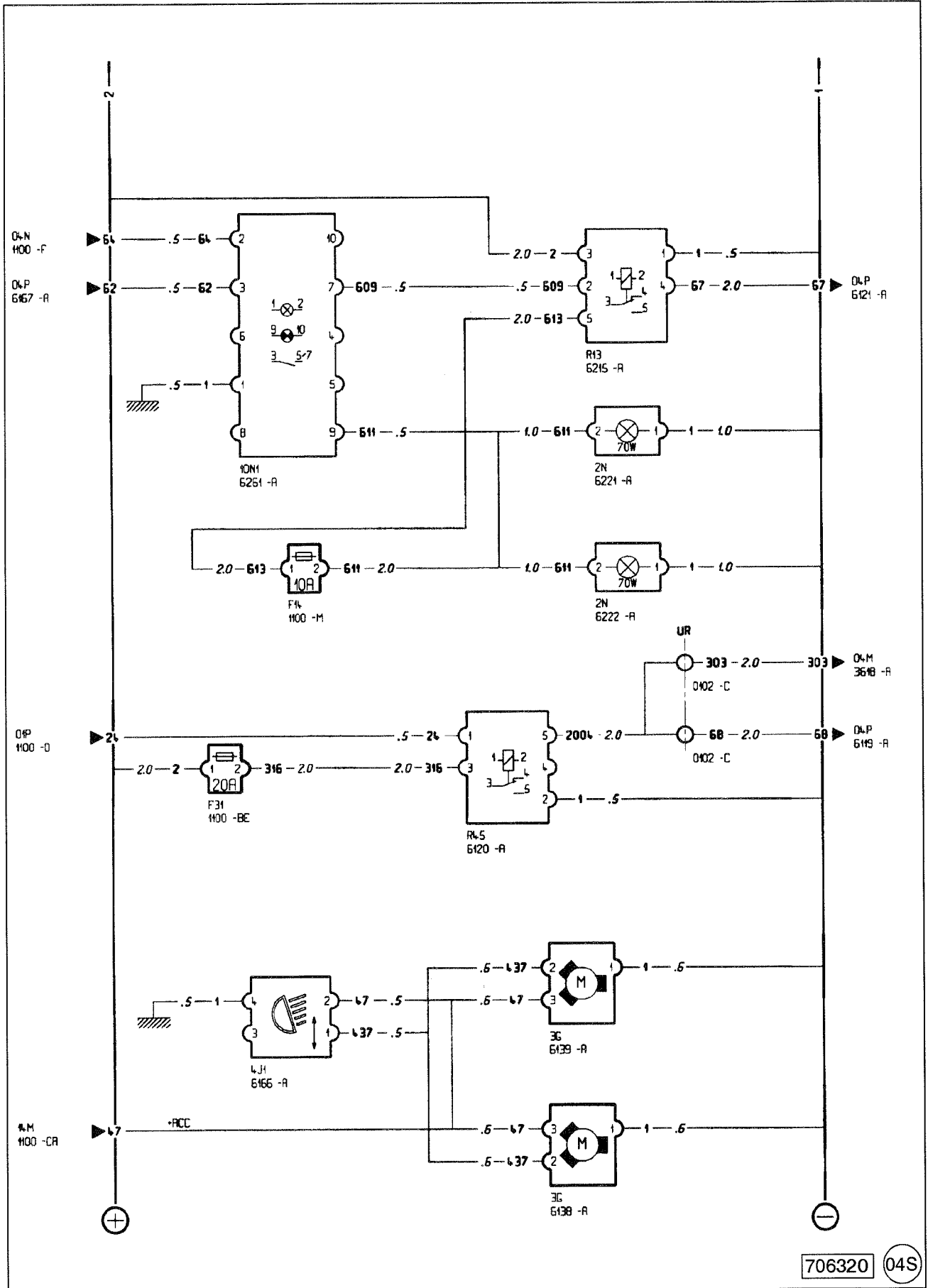


ROAD LIGHTING



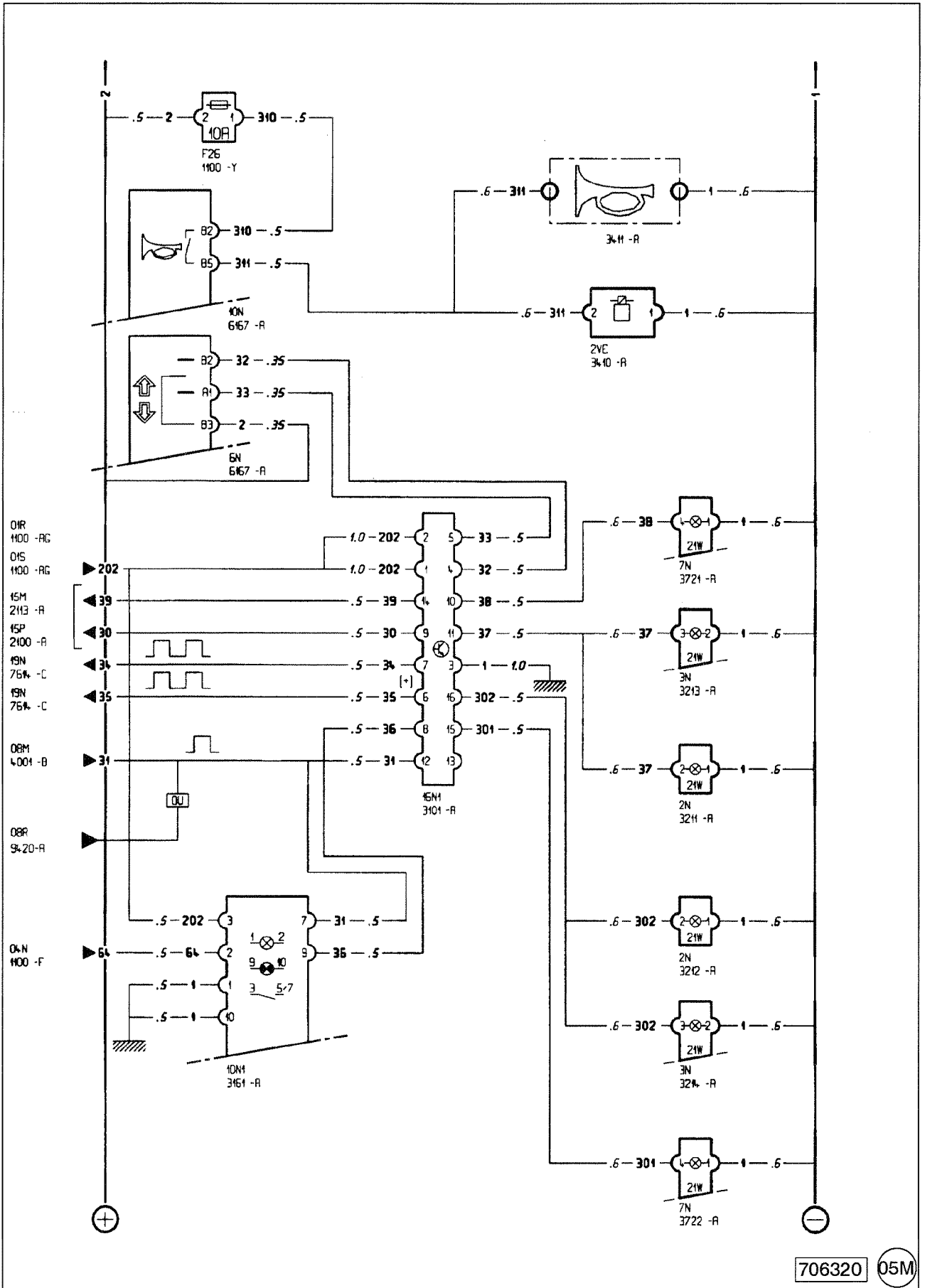
706320 04R

ROAD LIGHTING



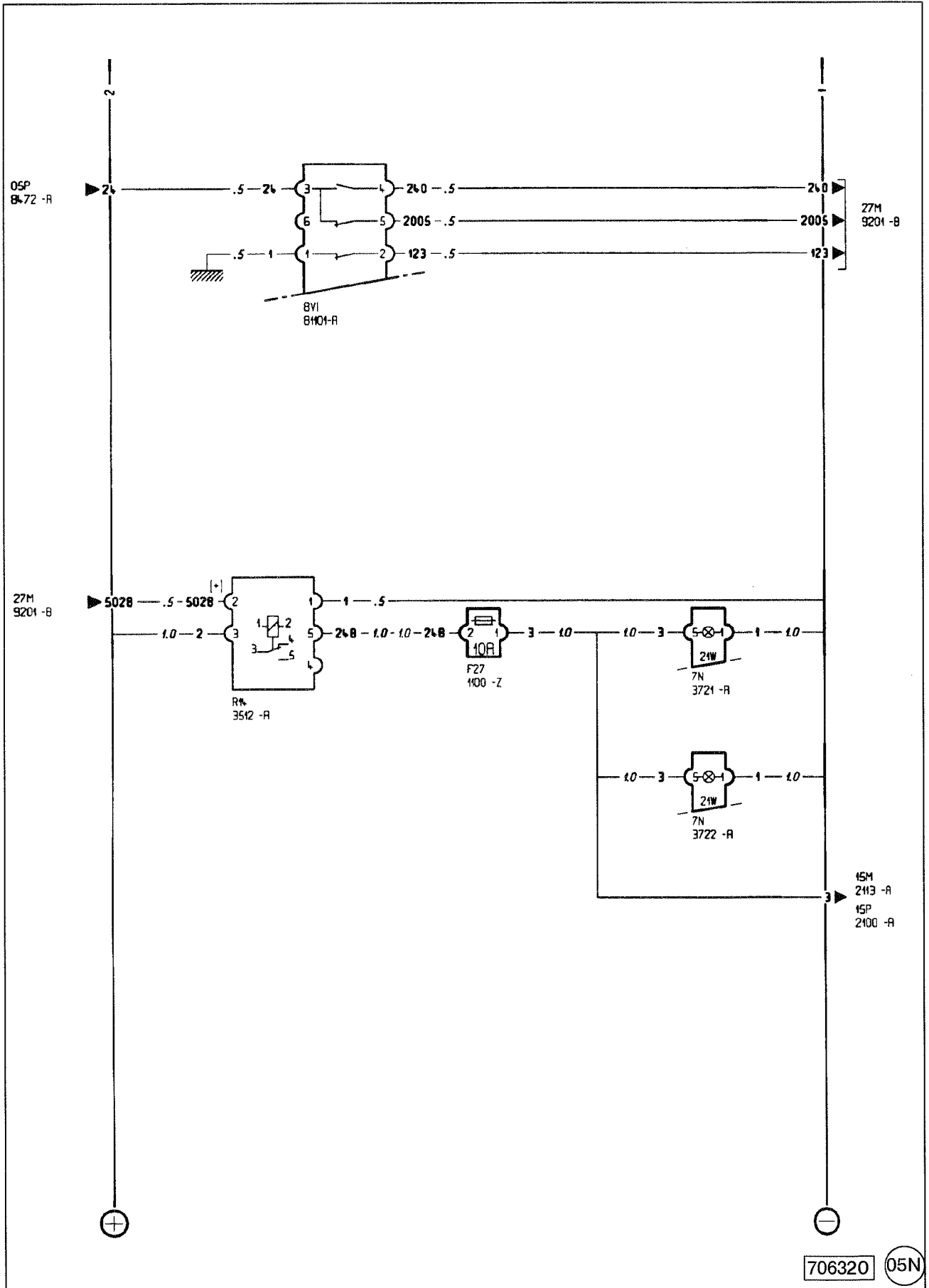
DAYTIME LIGHTS DIMMER

706320 (04S)

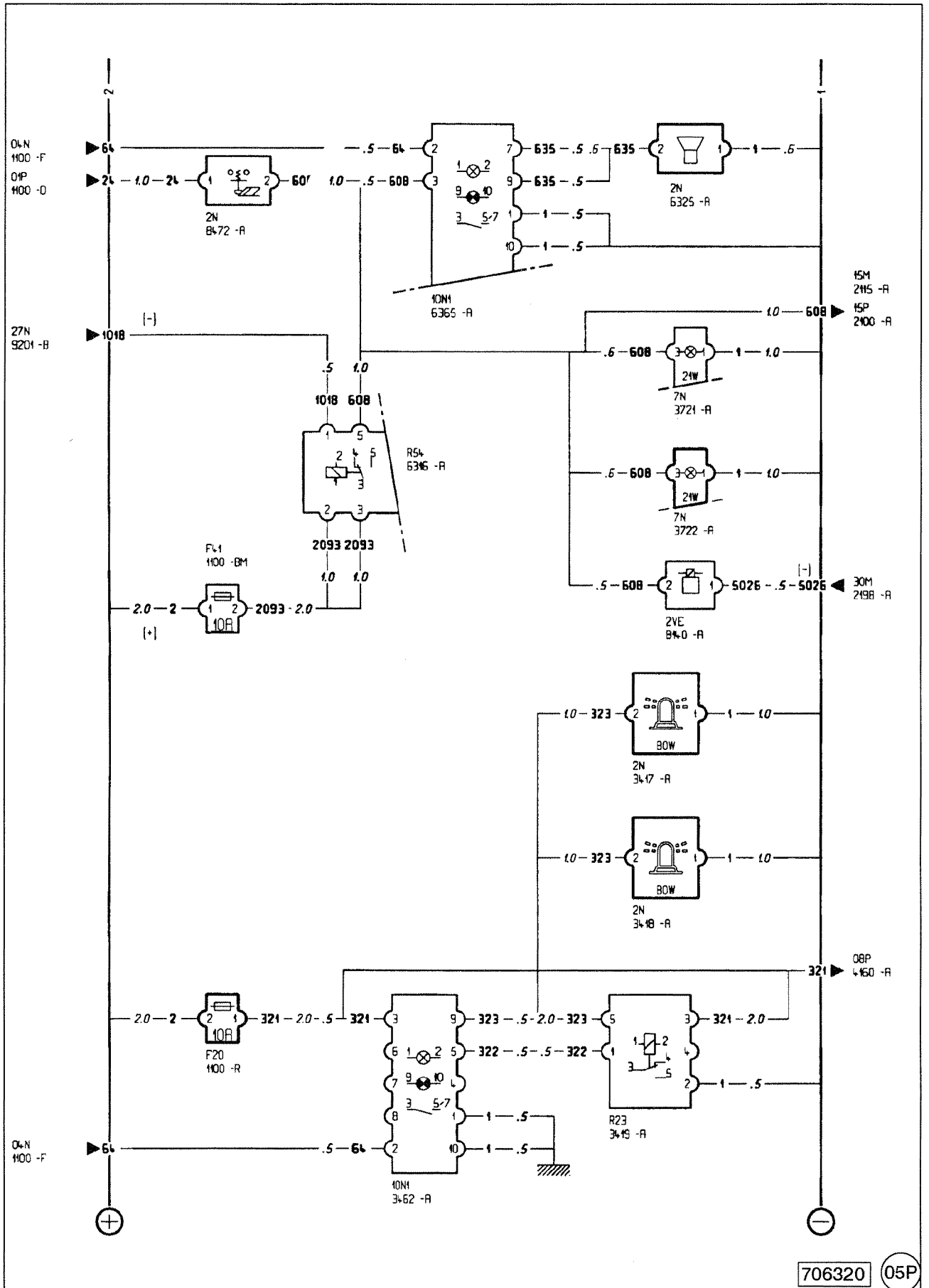


SIGNALLING

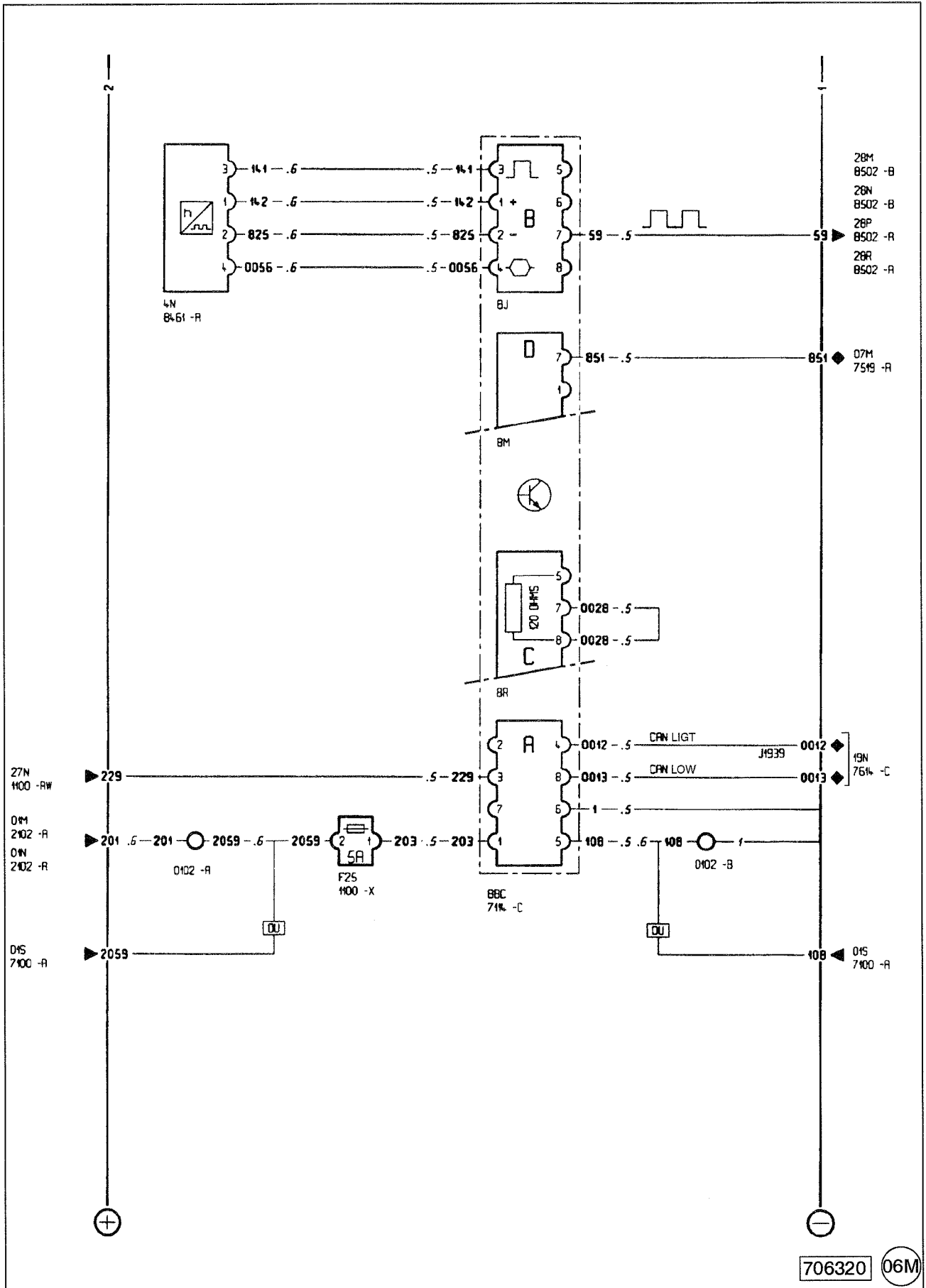




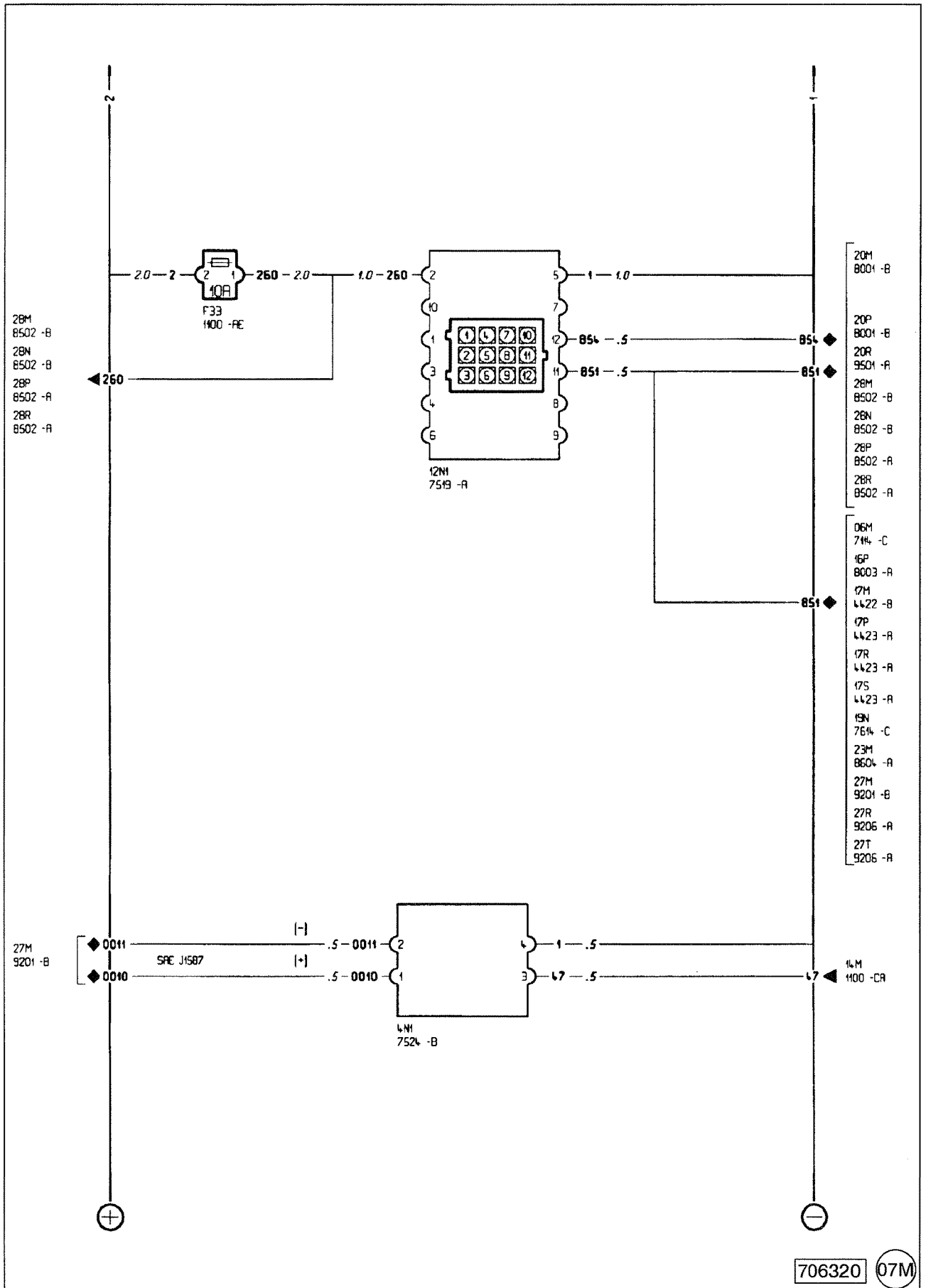
STOP LIGHTS



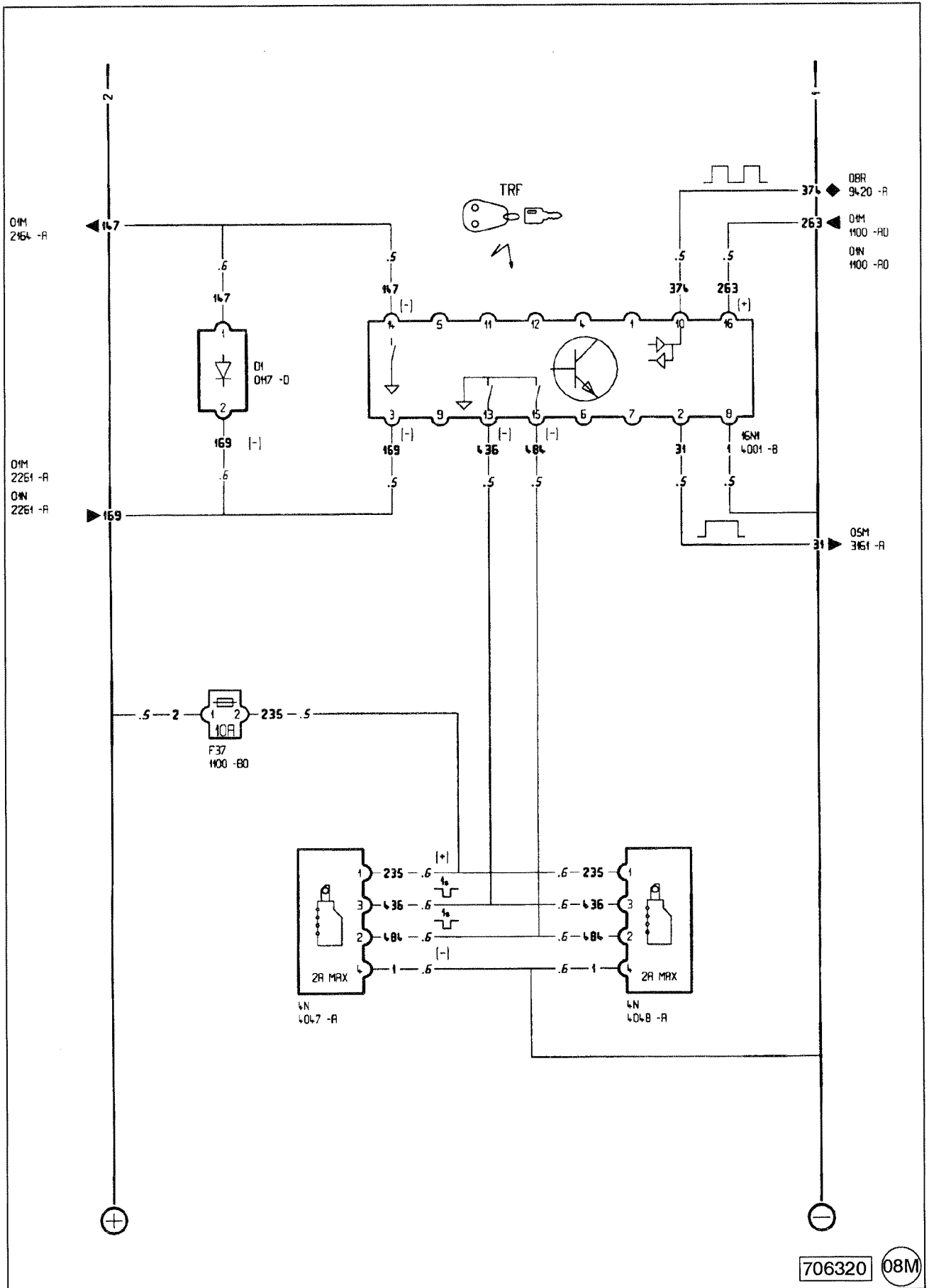
REVERSING LIGHTS



TACHOGRAPH

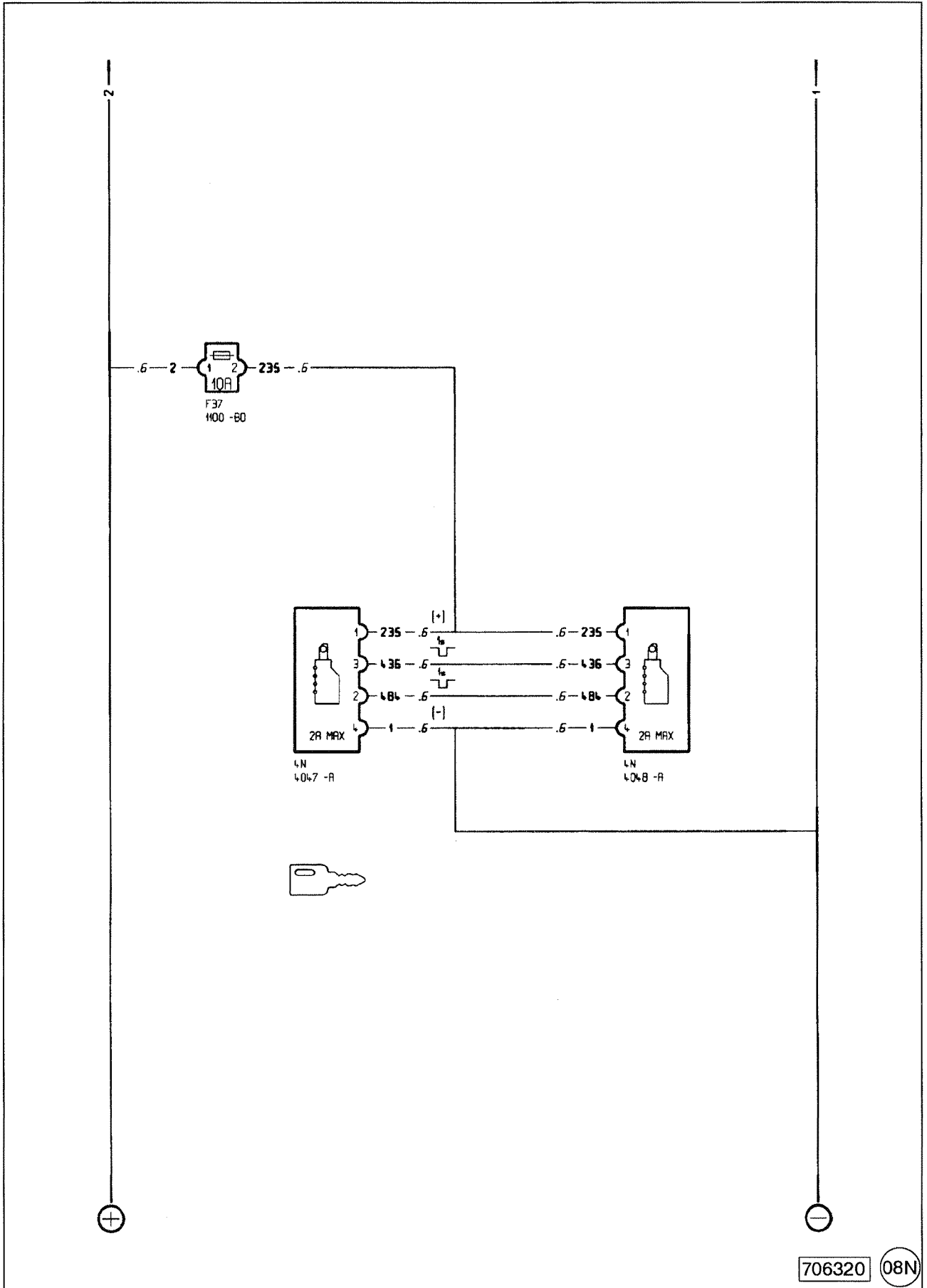


DIAGNOSTICS SOCKETS

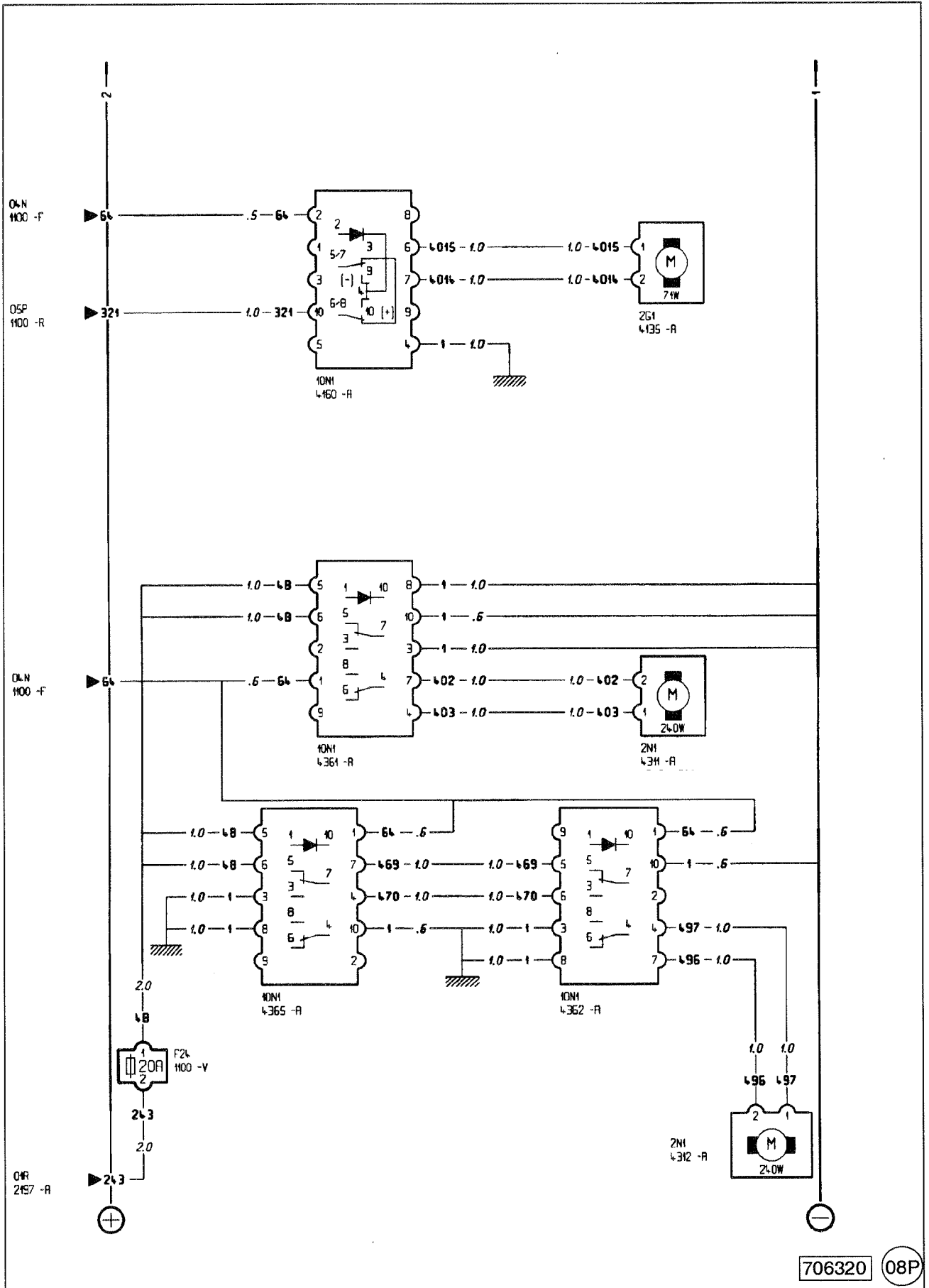


706320 08M

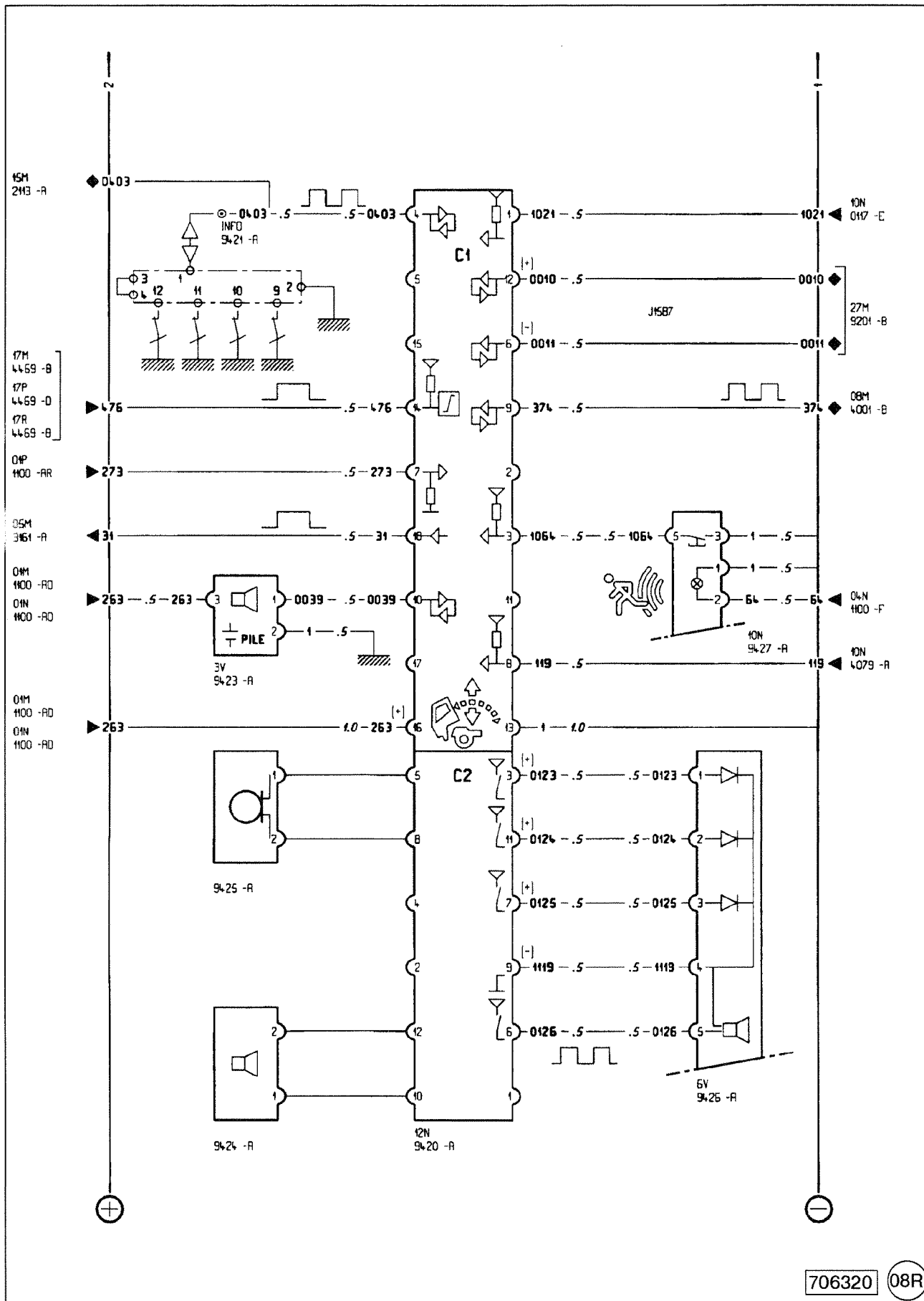
DOORS LOCKING



DOORS LOCKING



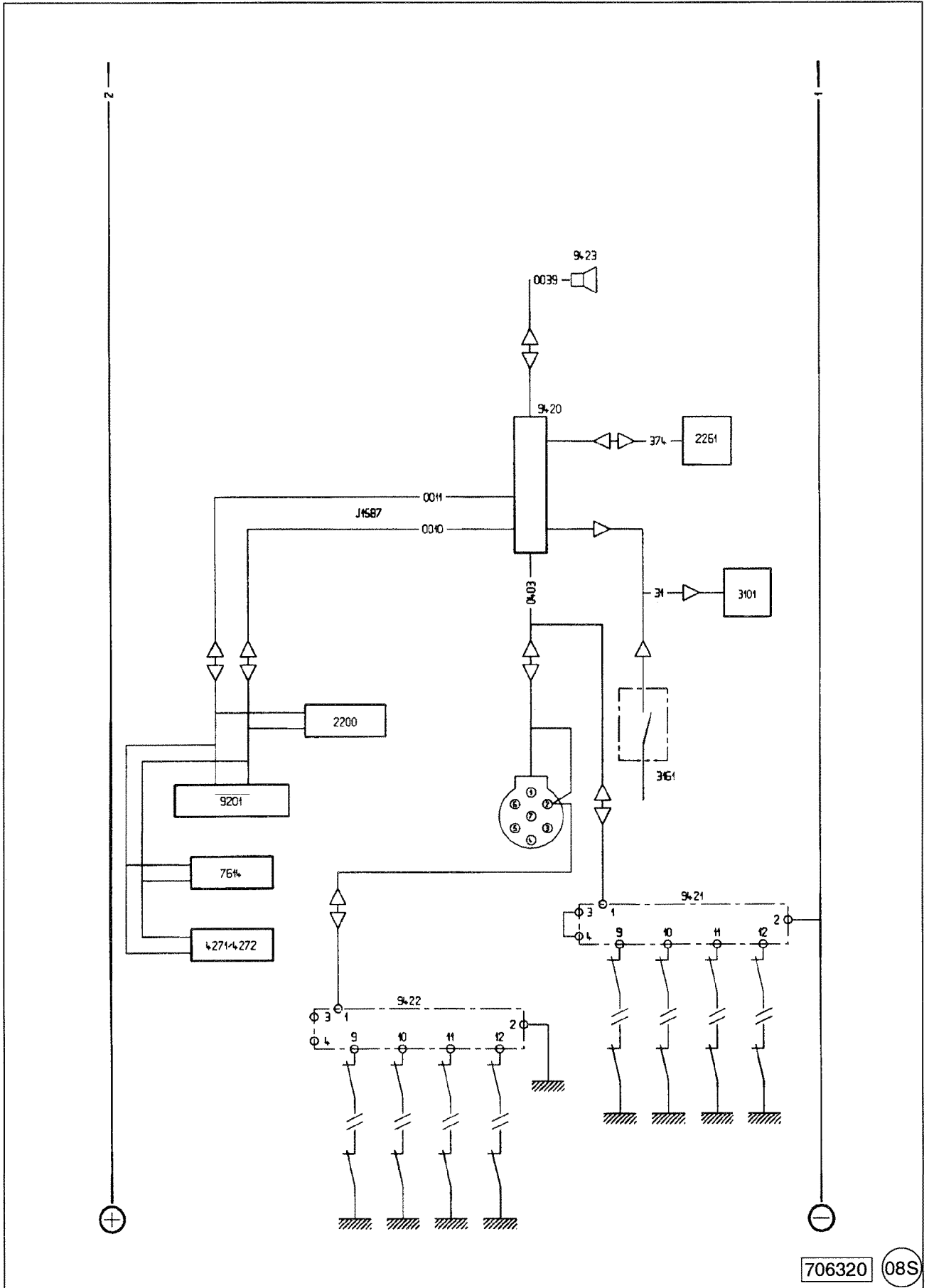
706320 08P



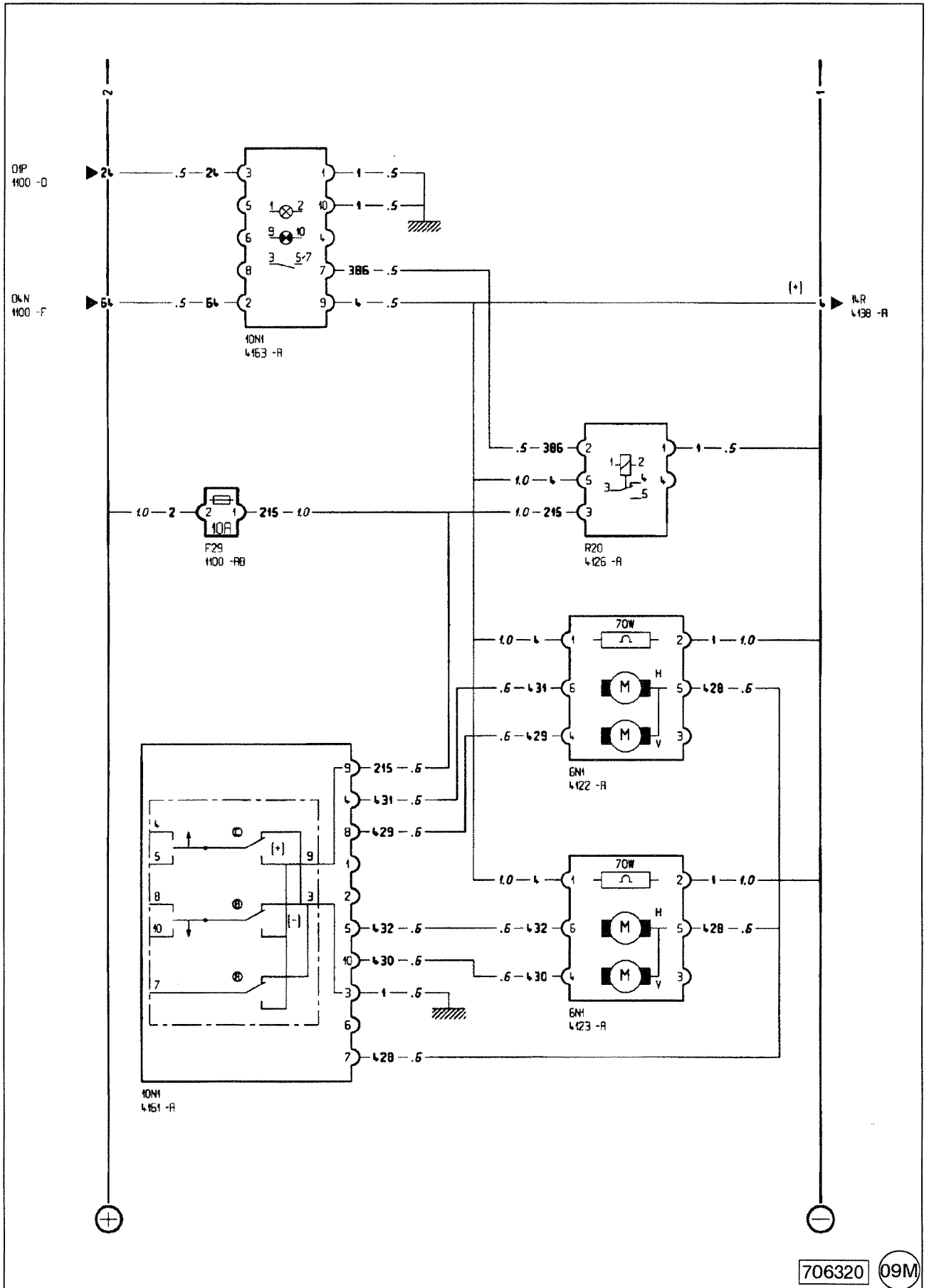
706320 08R

VEHICLE PROTECTION

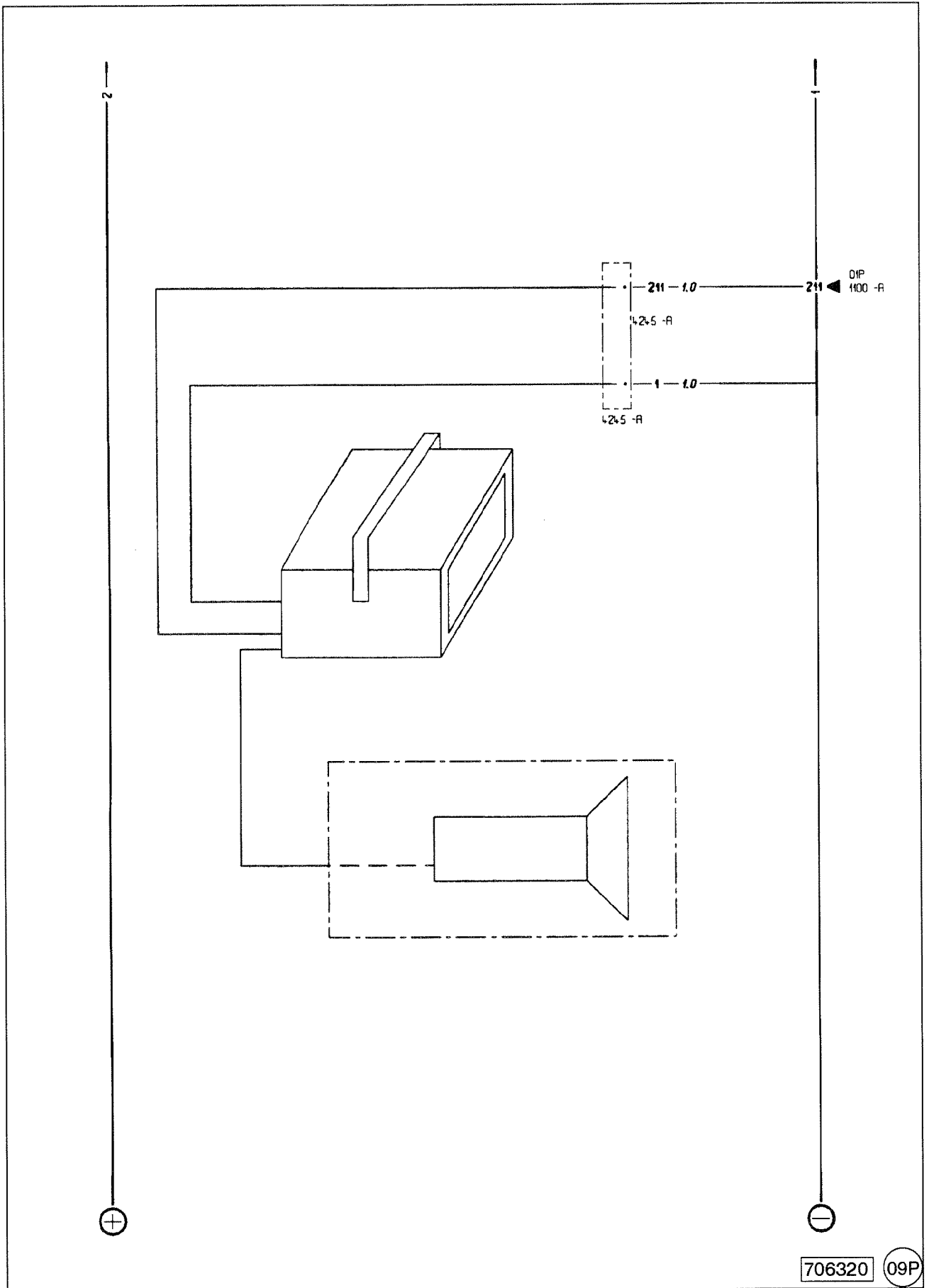




706320 08S

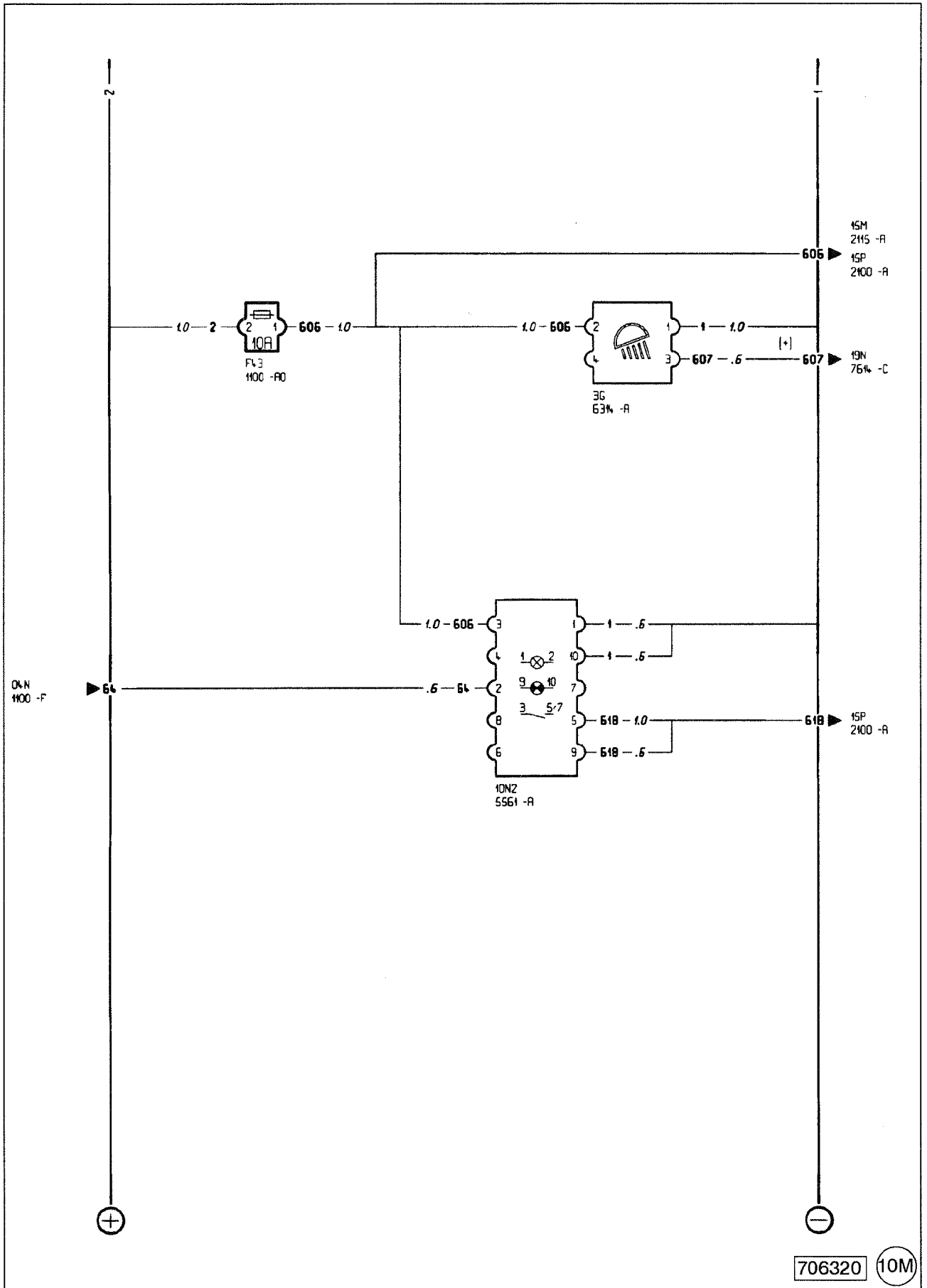


ELECTRIC DEFROSTING REARVIEW MIRROR

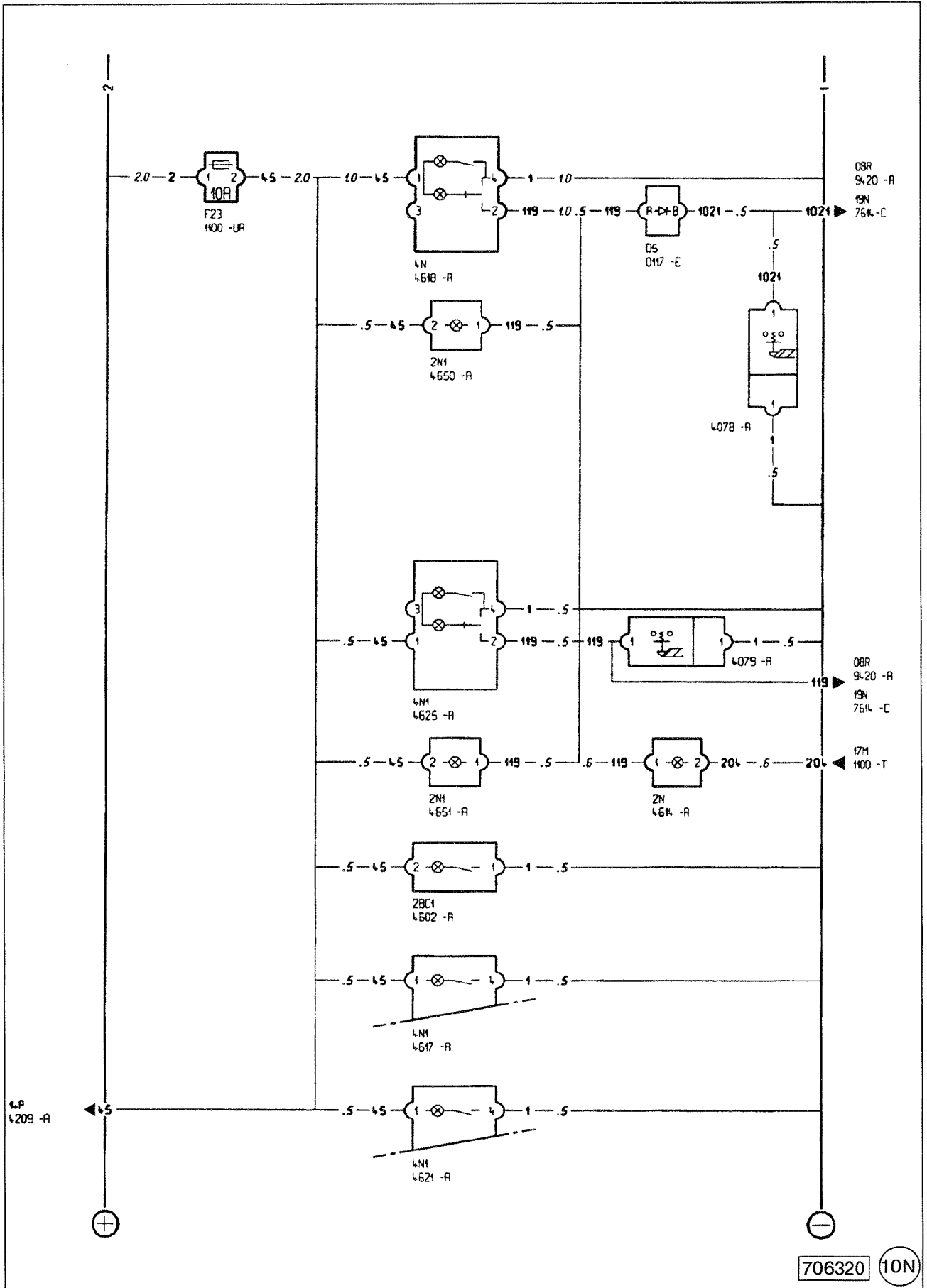


706320 09P

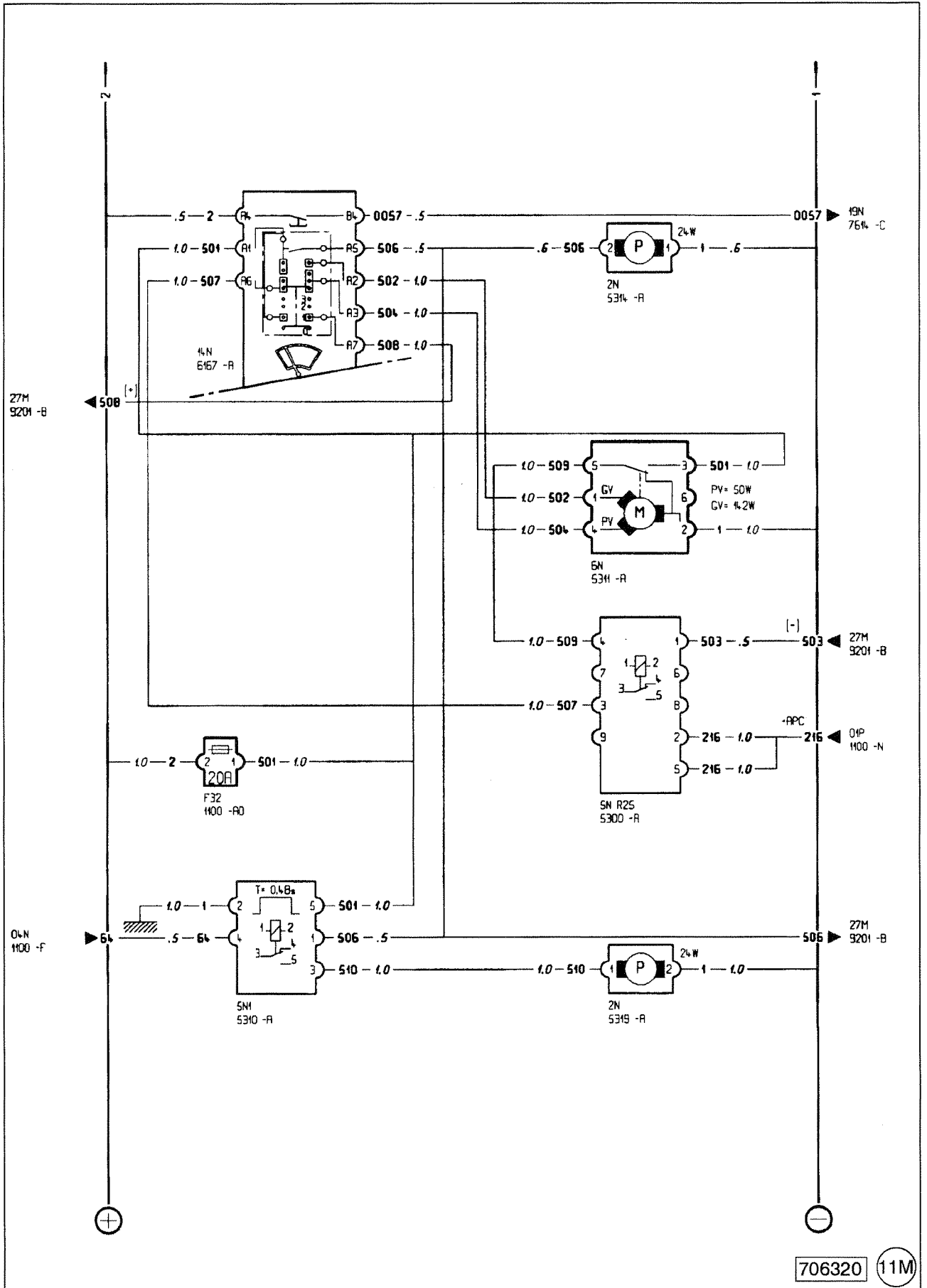
REVERSING CAMERA REARVISION



LOADING FLOODLIGHT

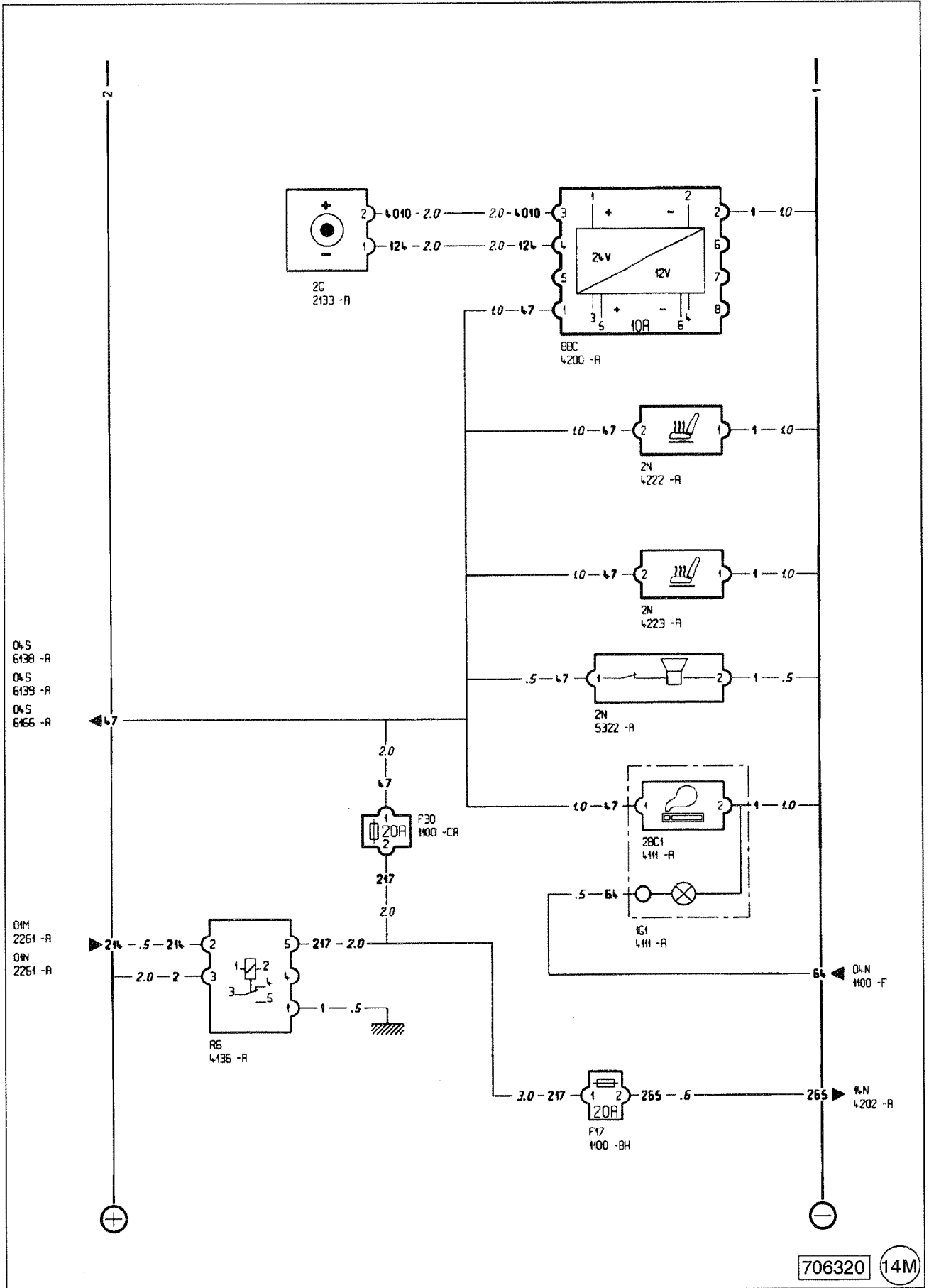


CAB LIGHTING

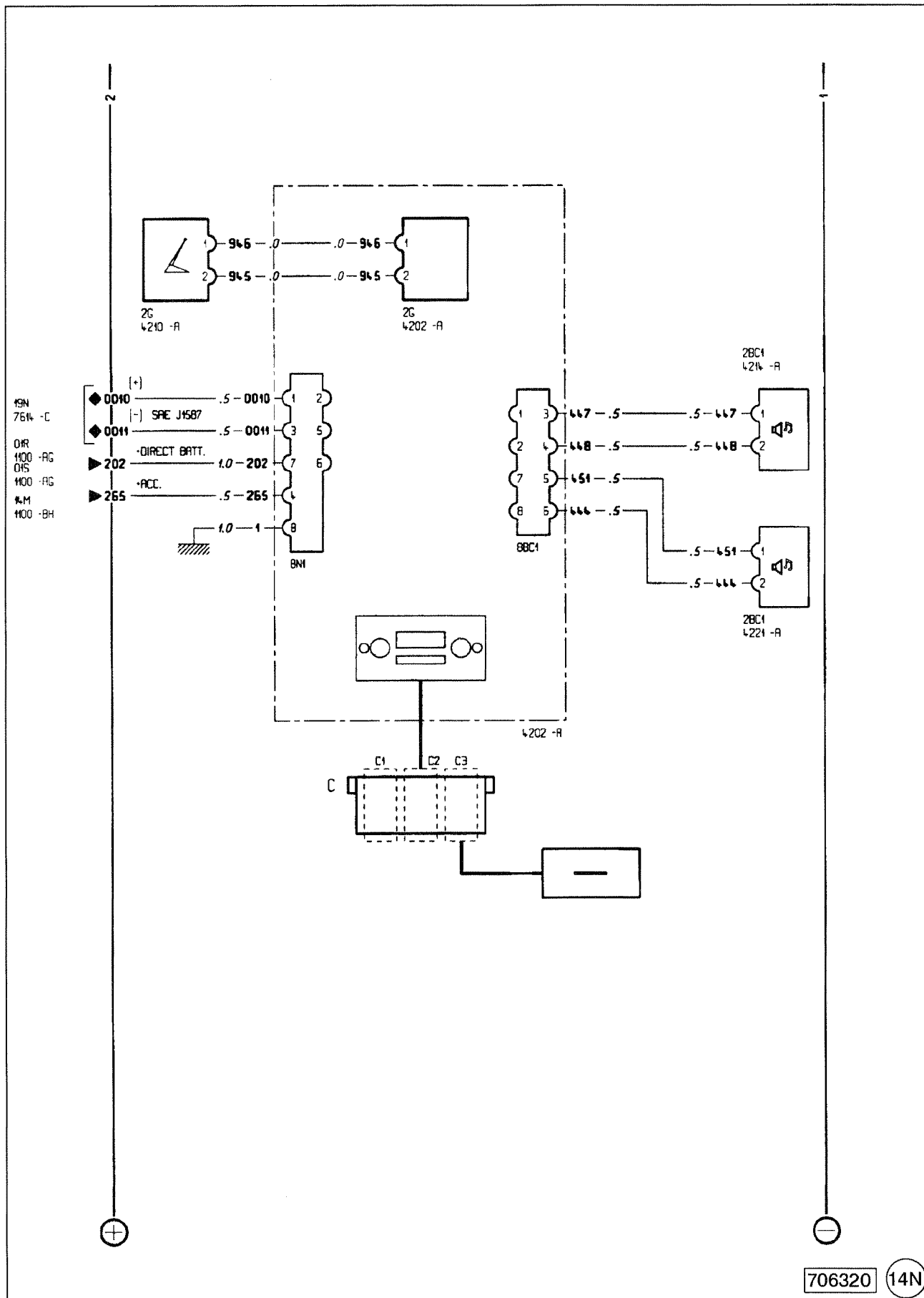


706320 (11M)

ENGINE MONITORING / WINDSCREEN / HEADLAMPS WIPE/WASH CONTROL



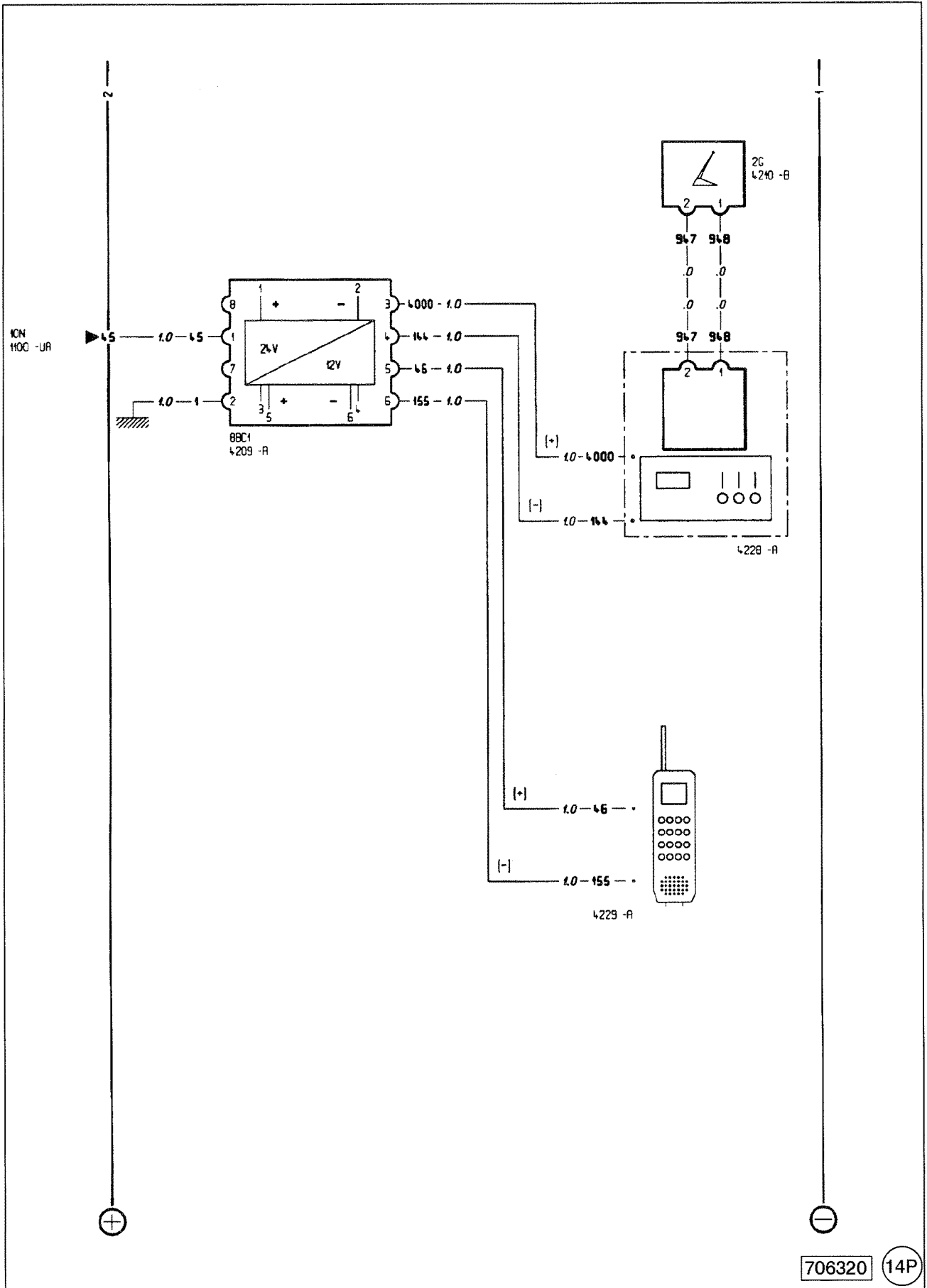
706320 (14M)

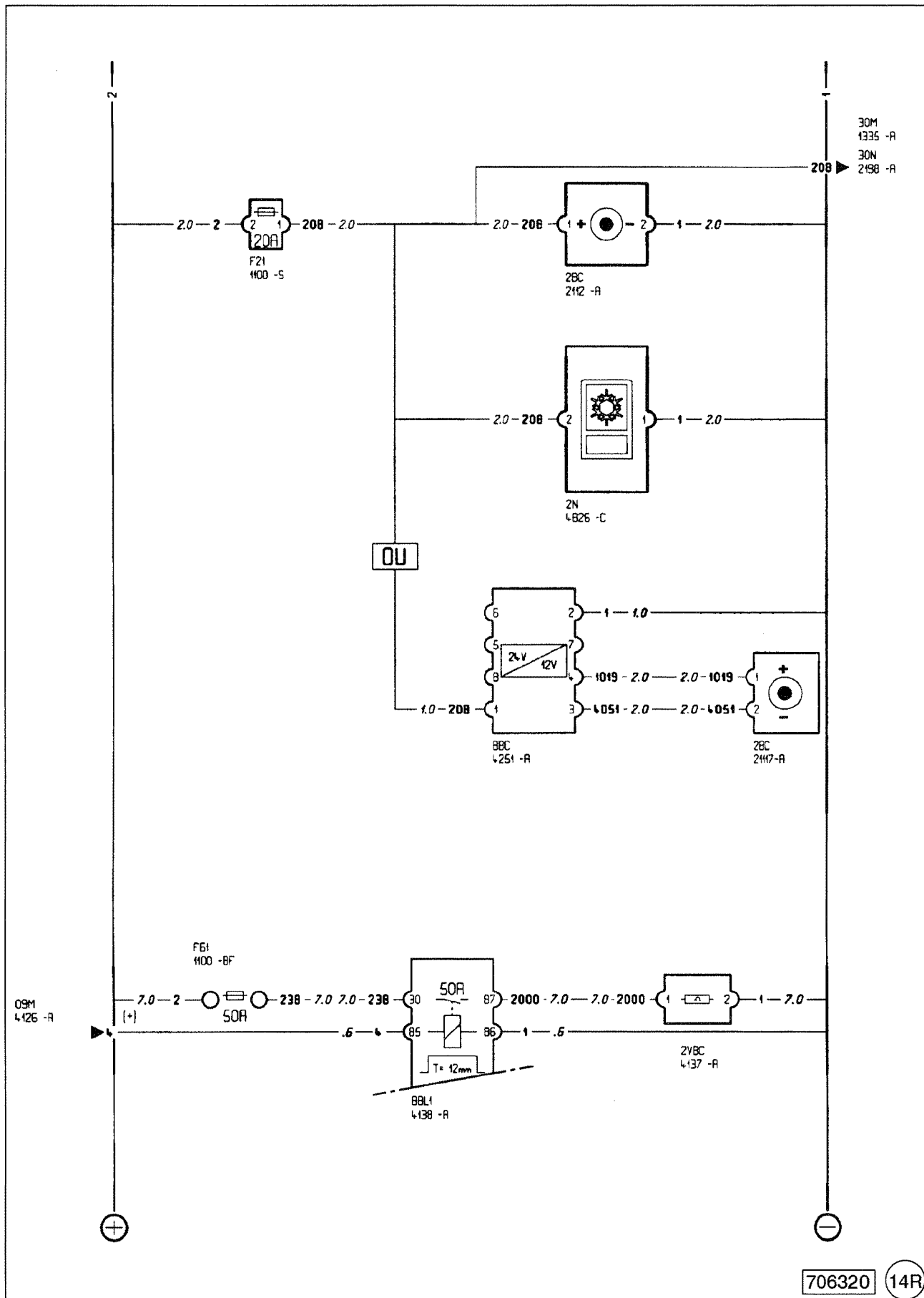


706320 14N

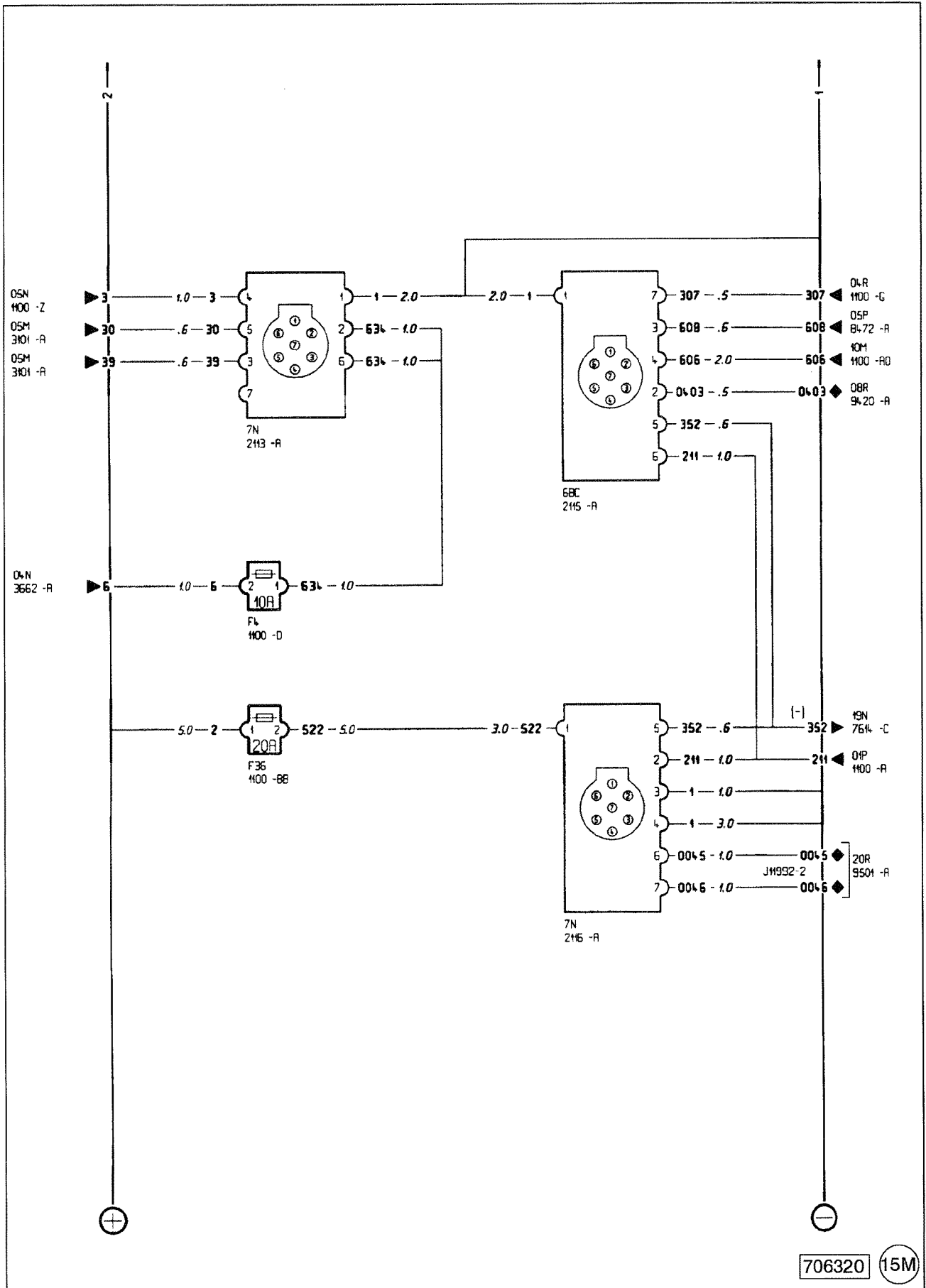
RADIO SET





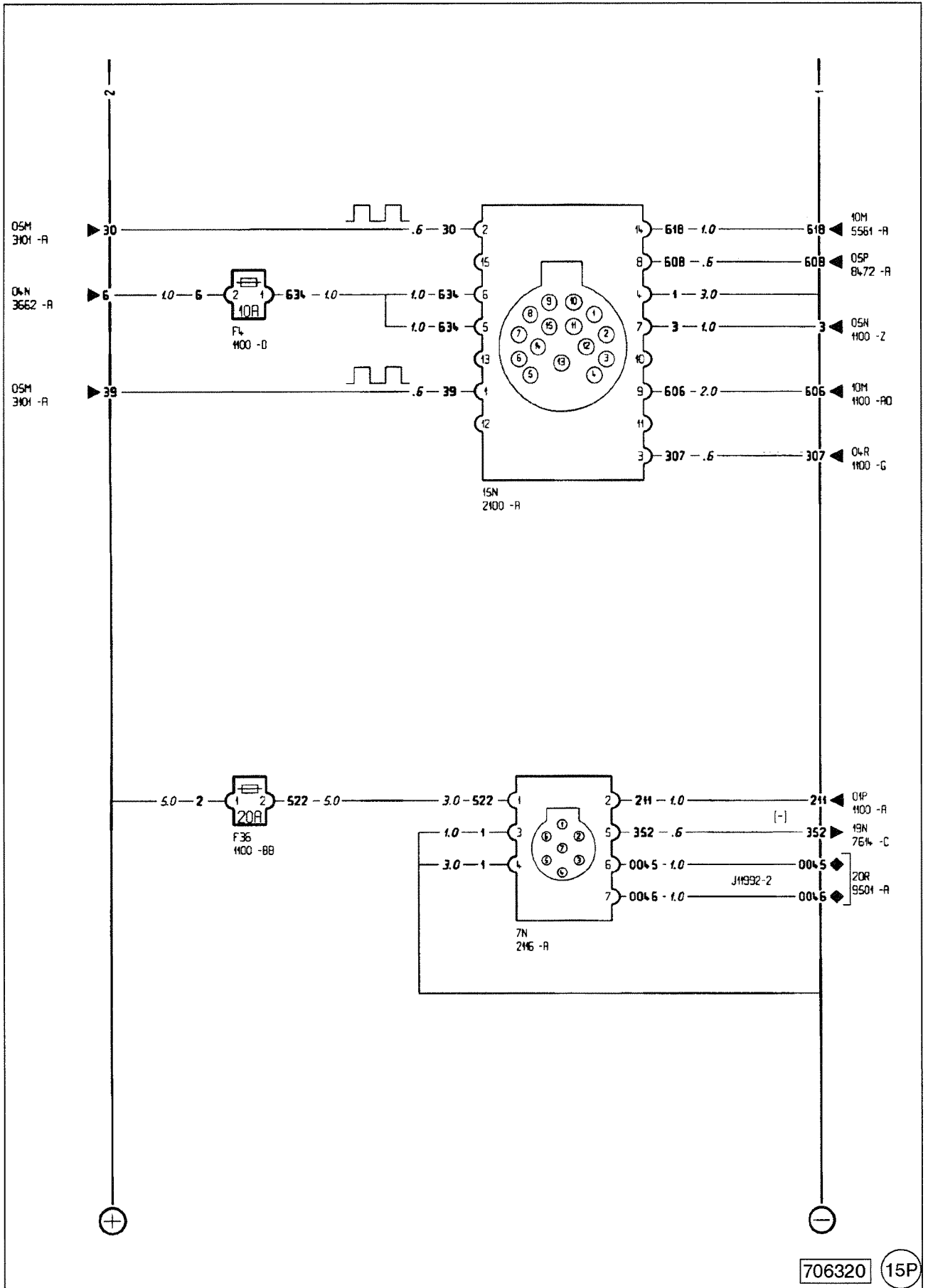


REFRIGERATOR / WINDSCREEN DEFROSTING / OFFICE SYSTEMS PACK



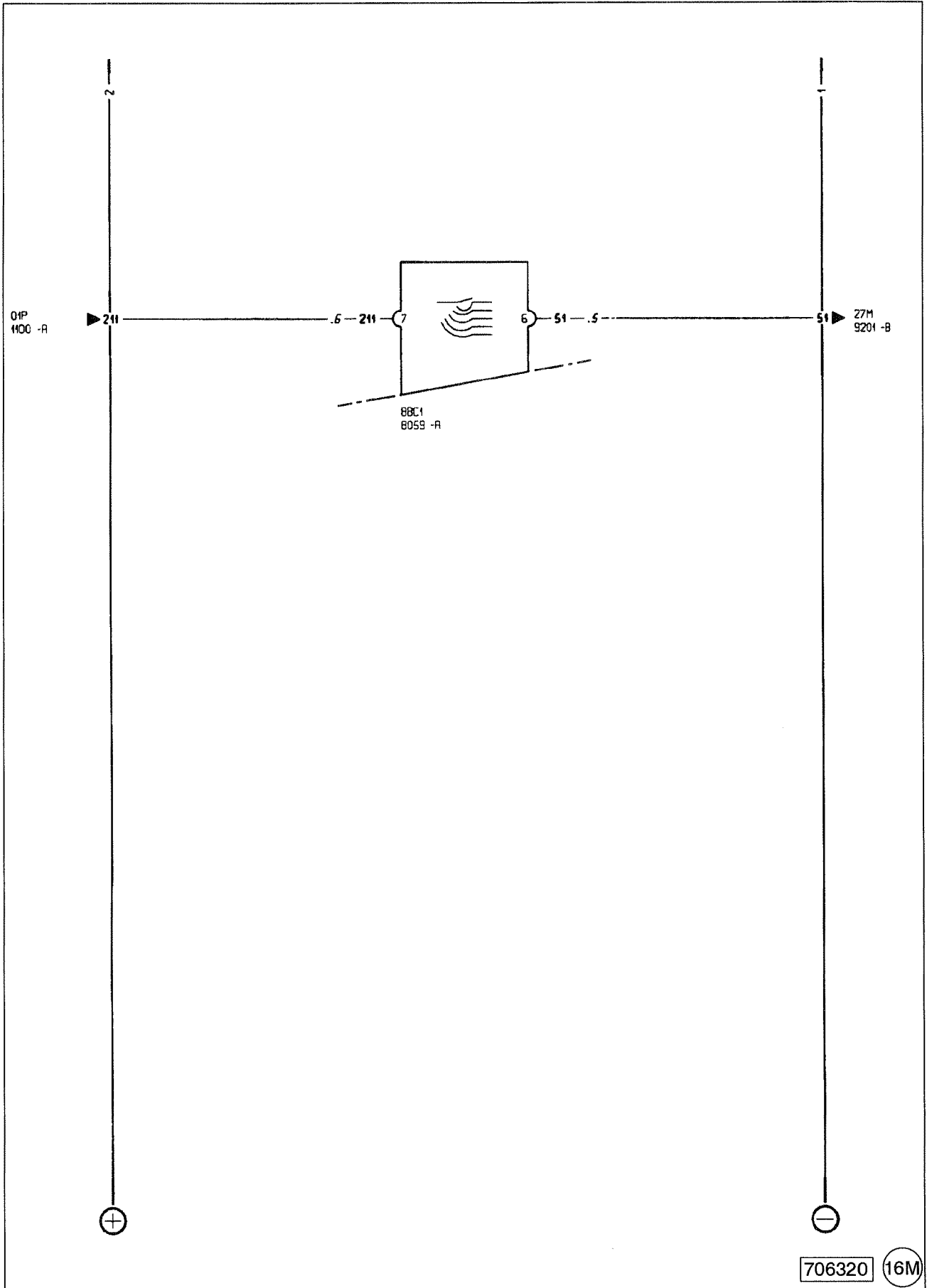
706320 (15M)

TRAILER SOCKETS

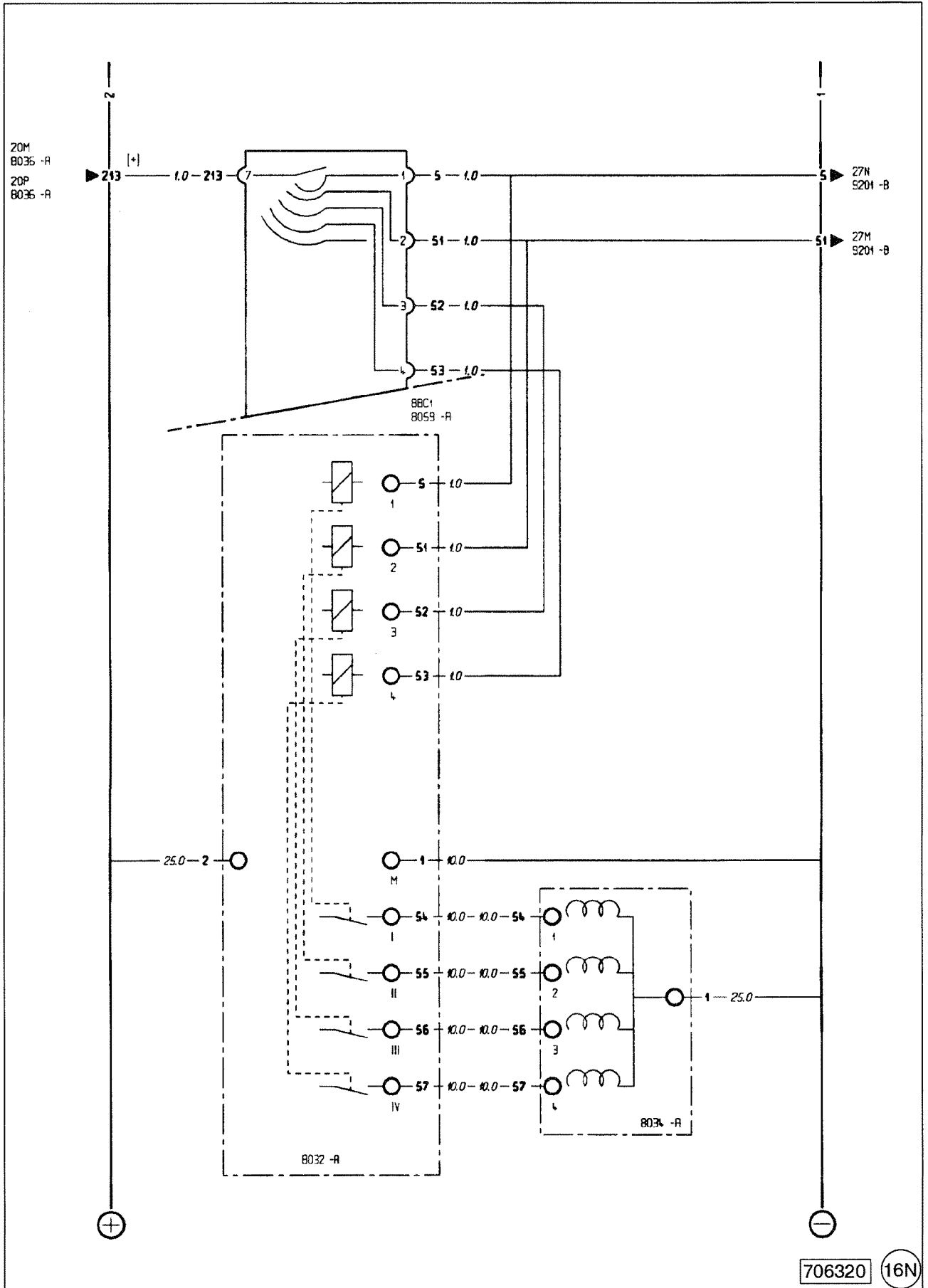


706320 15P

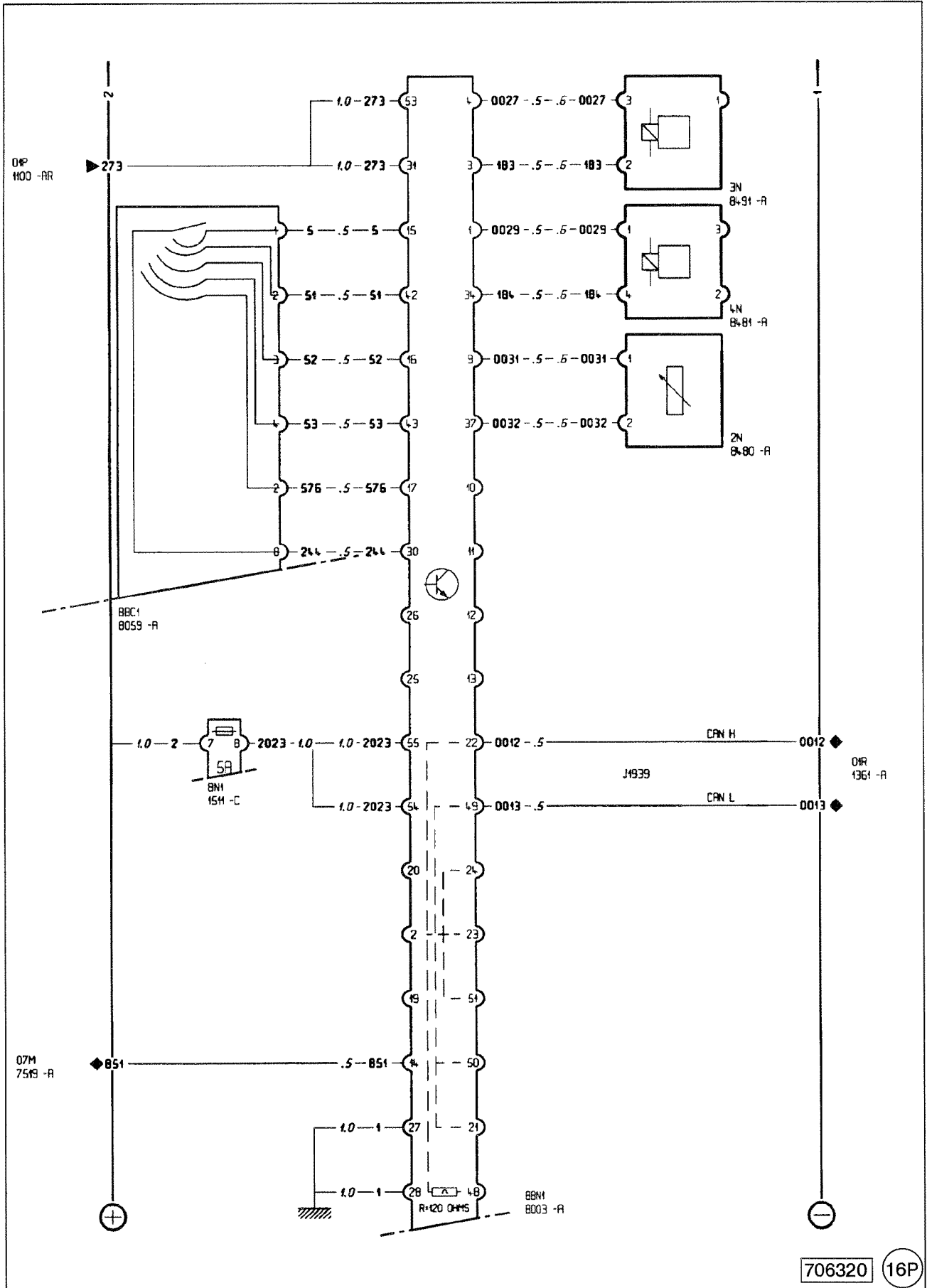
ADR TRAILER SOCKET



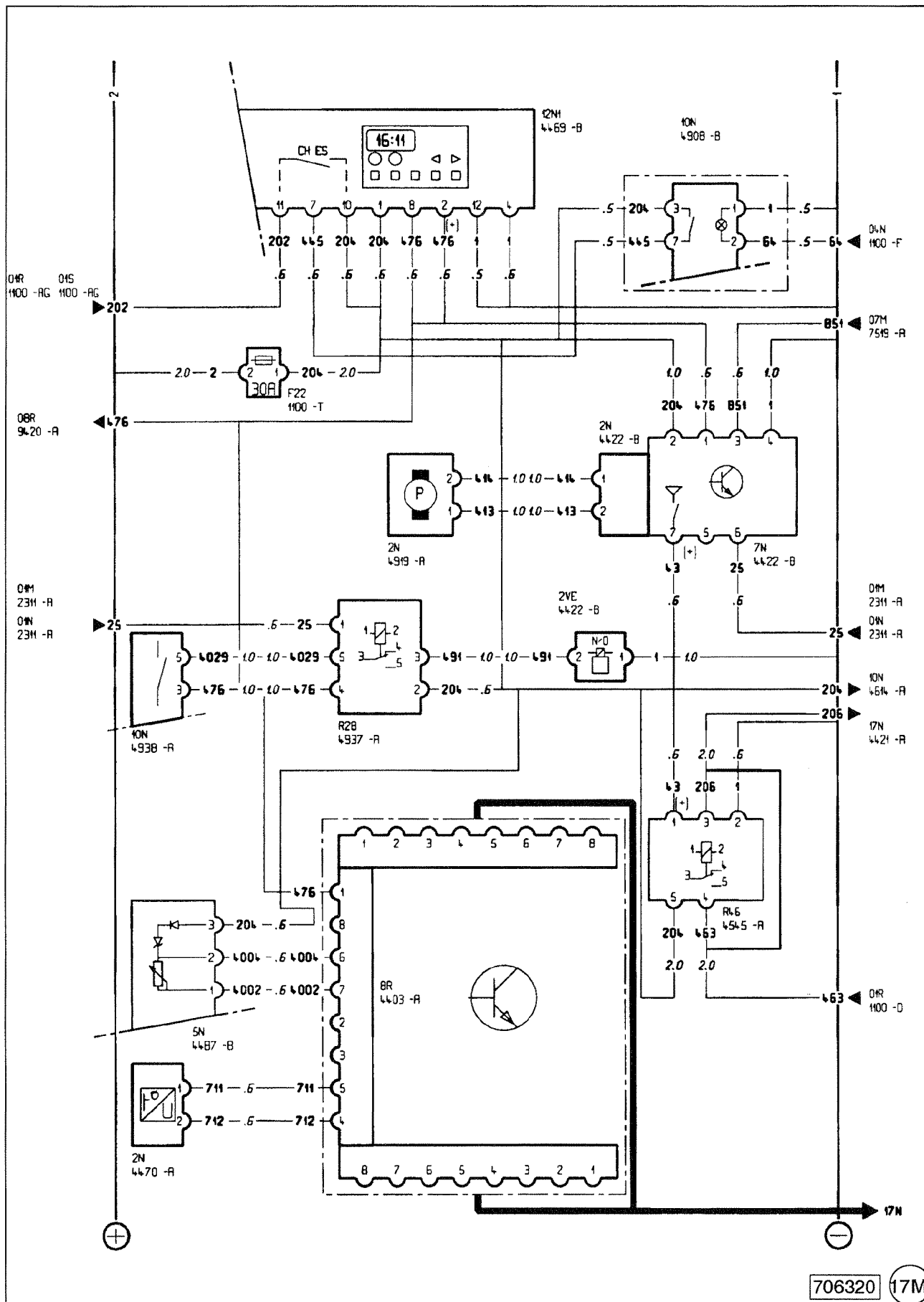
RETARDER



ELECTRIC RETARDER

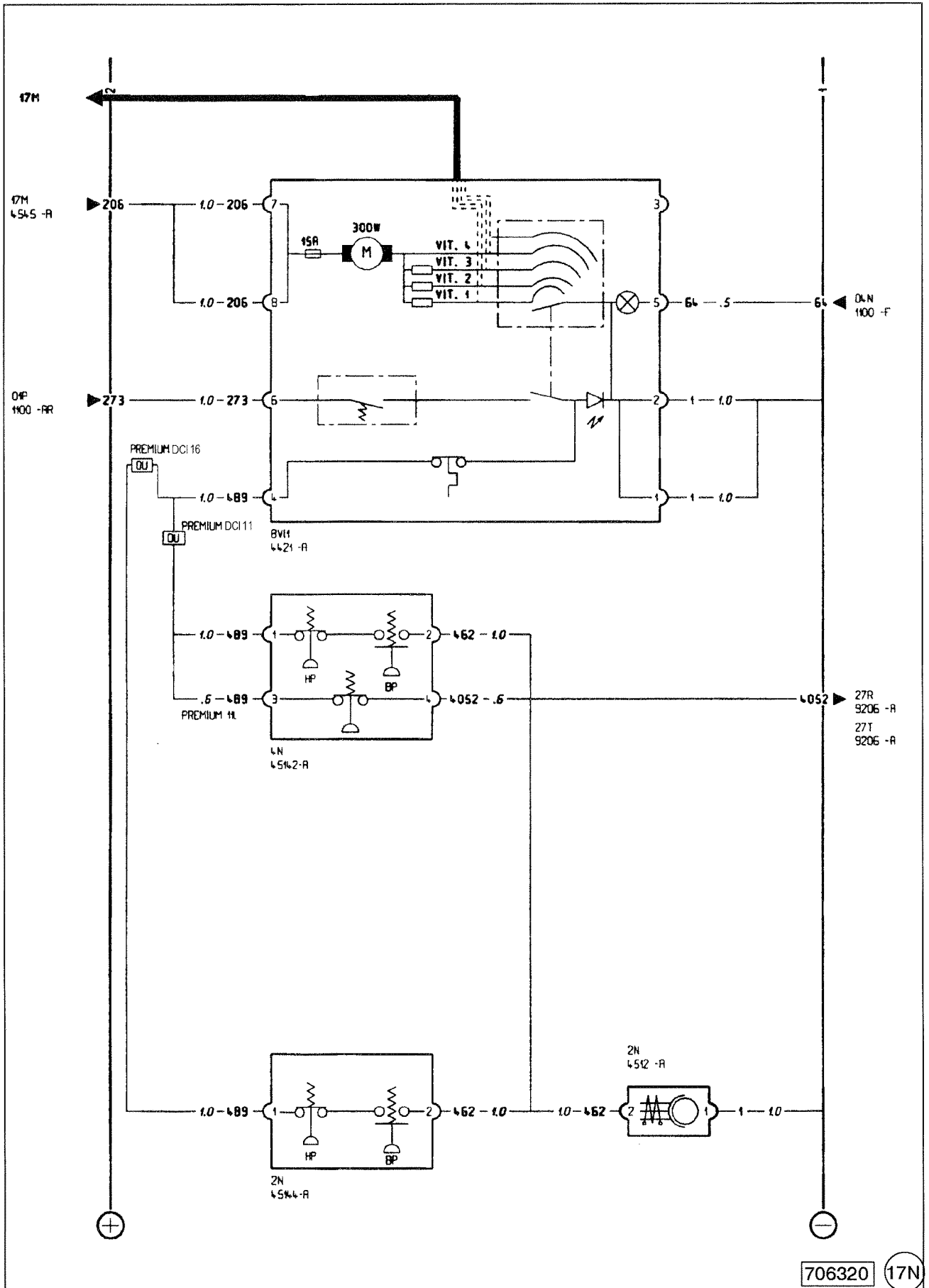


HYDRAULIC RETARDER



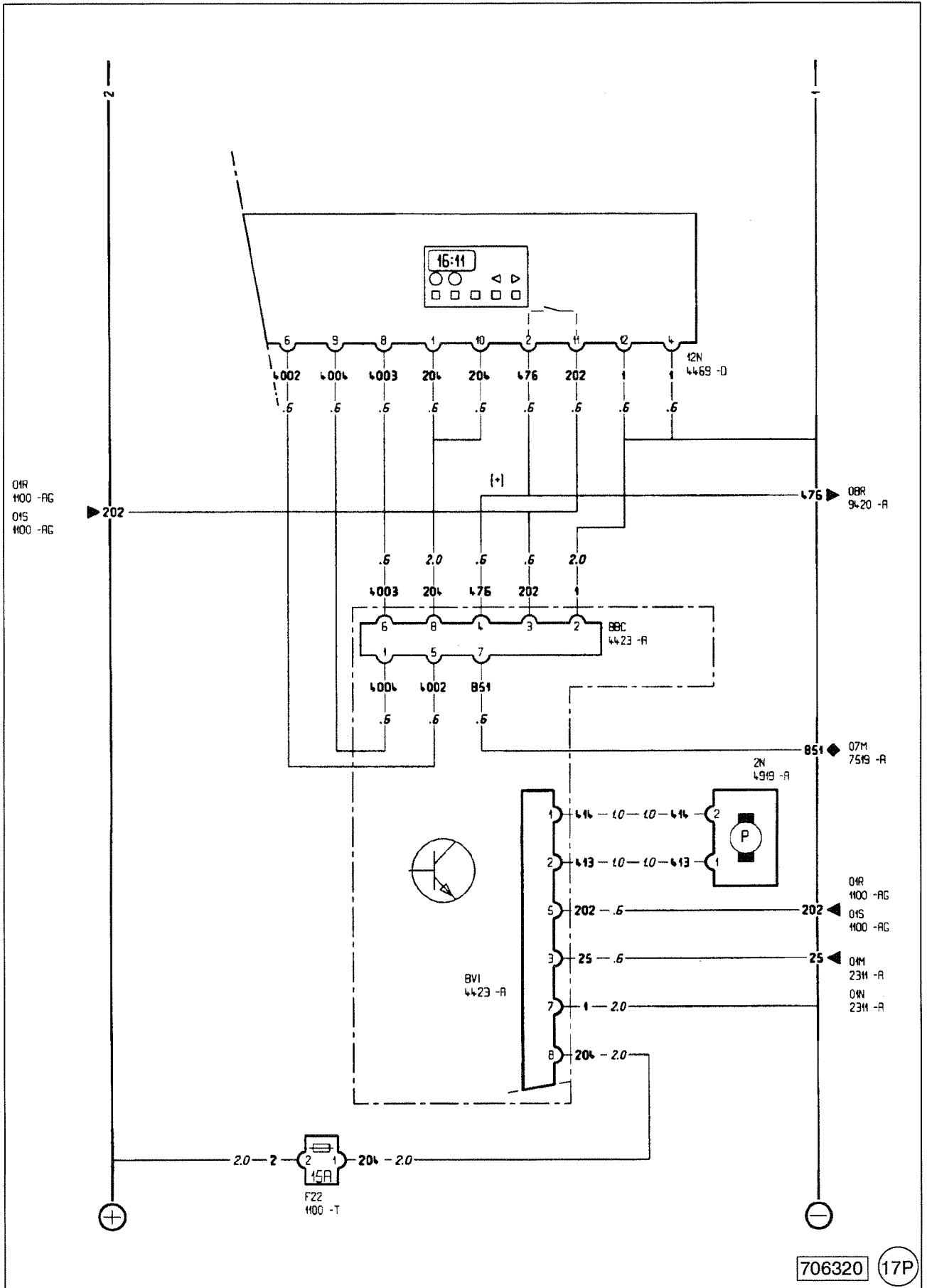
INDEPENDENT HEATING Thermo 90





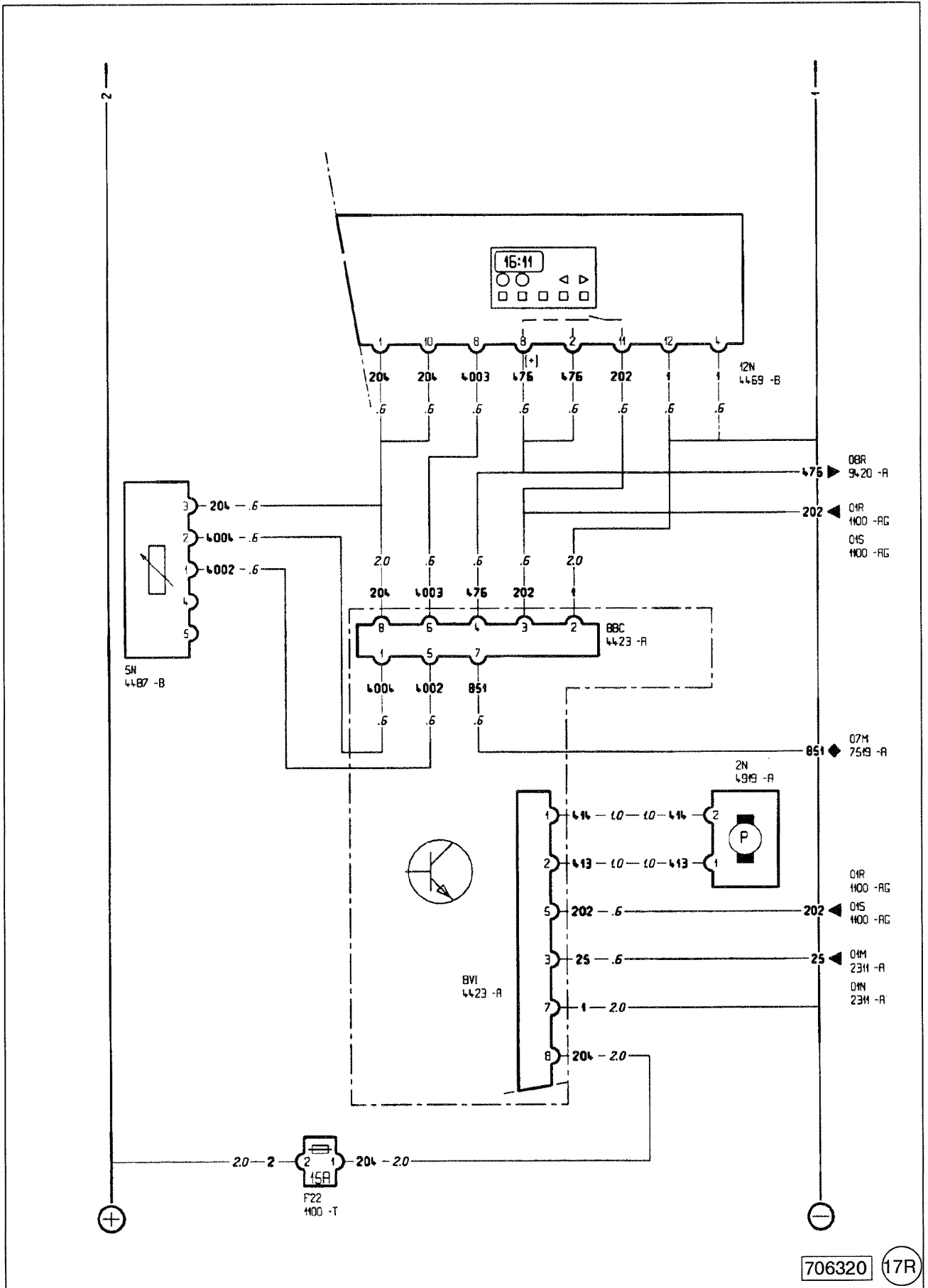
706320 (17N)

AIR CONDITIONING

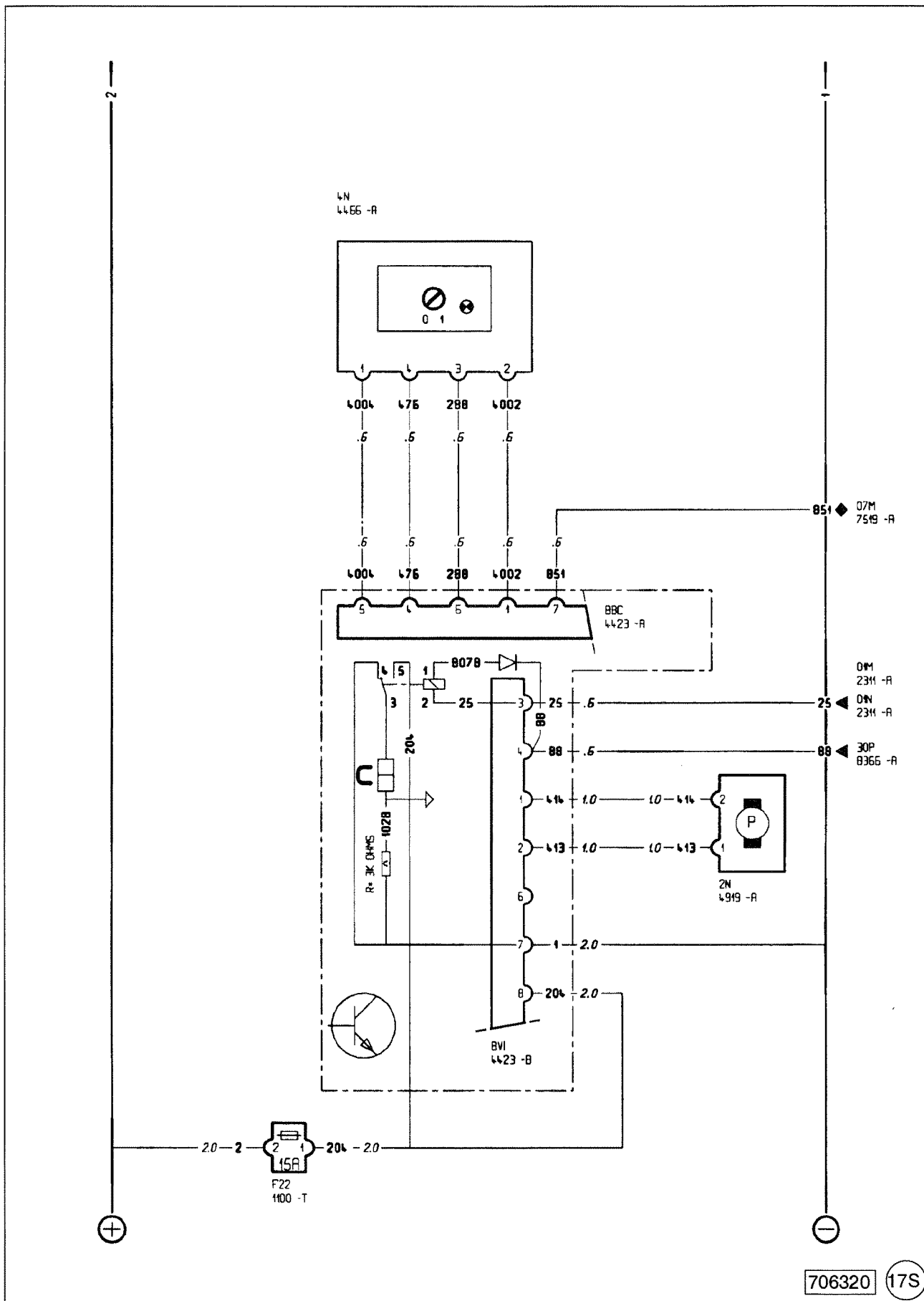


706320 17P

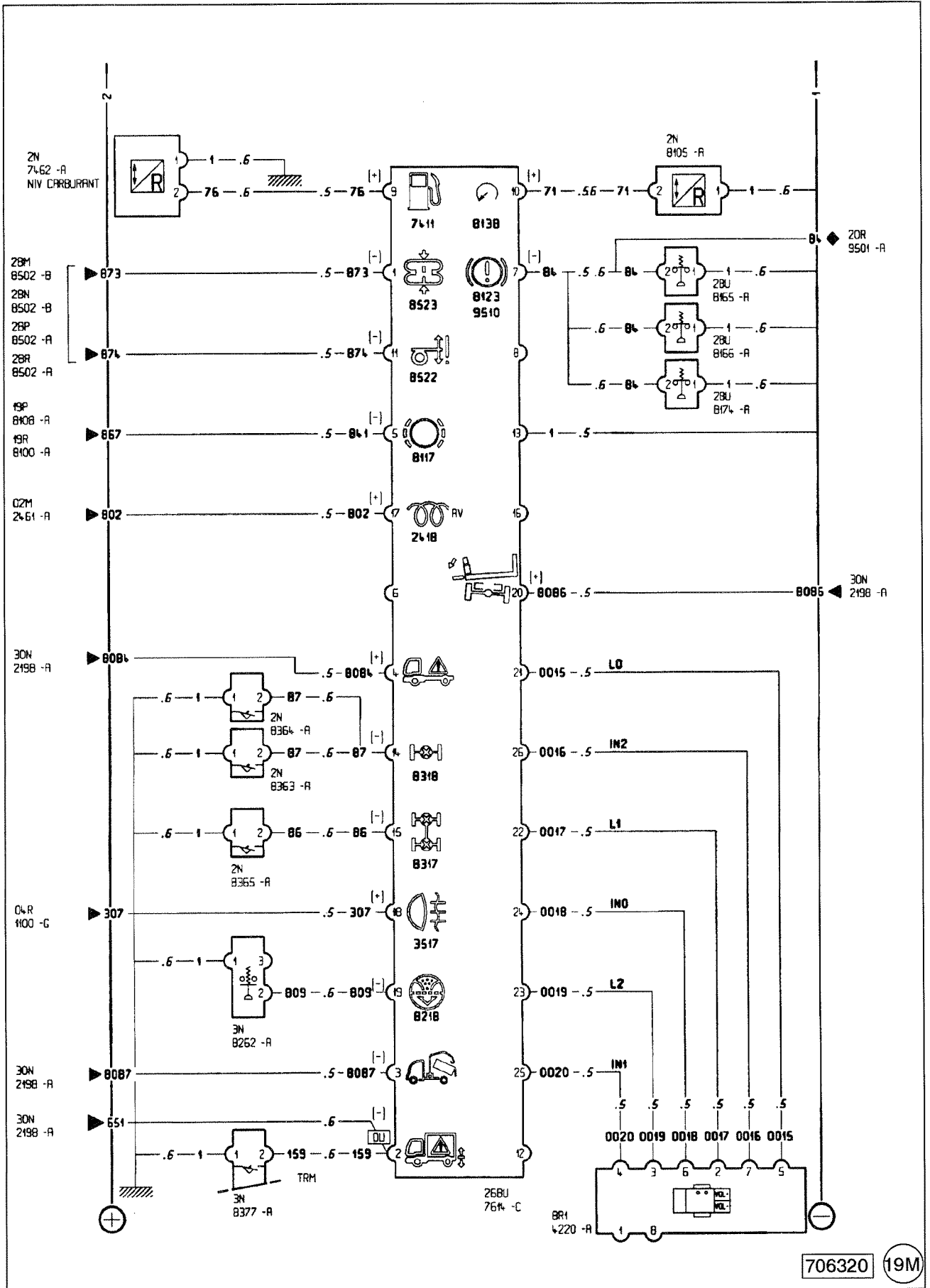
INDEPENDENT HEATING AT2000



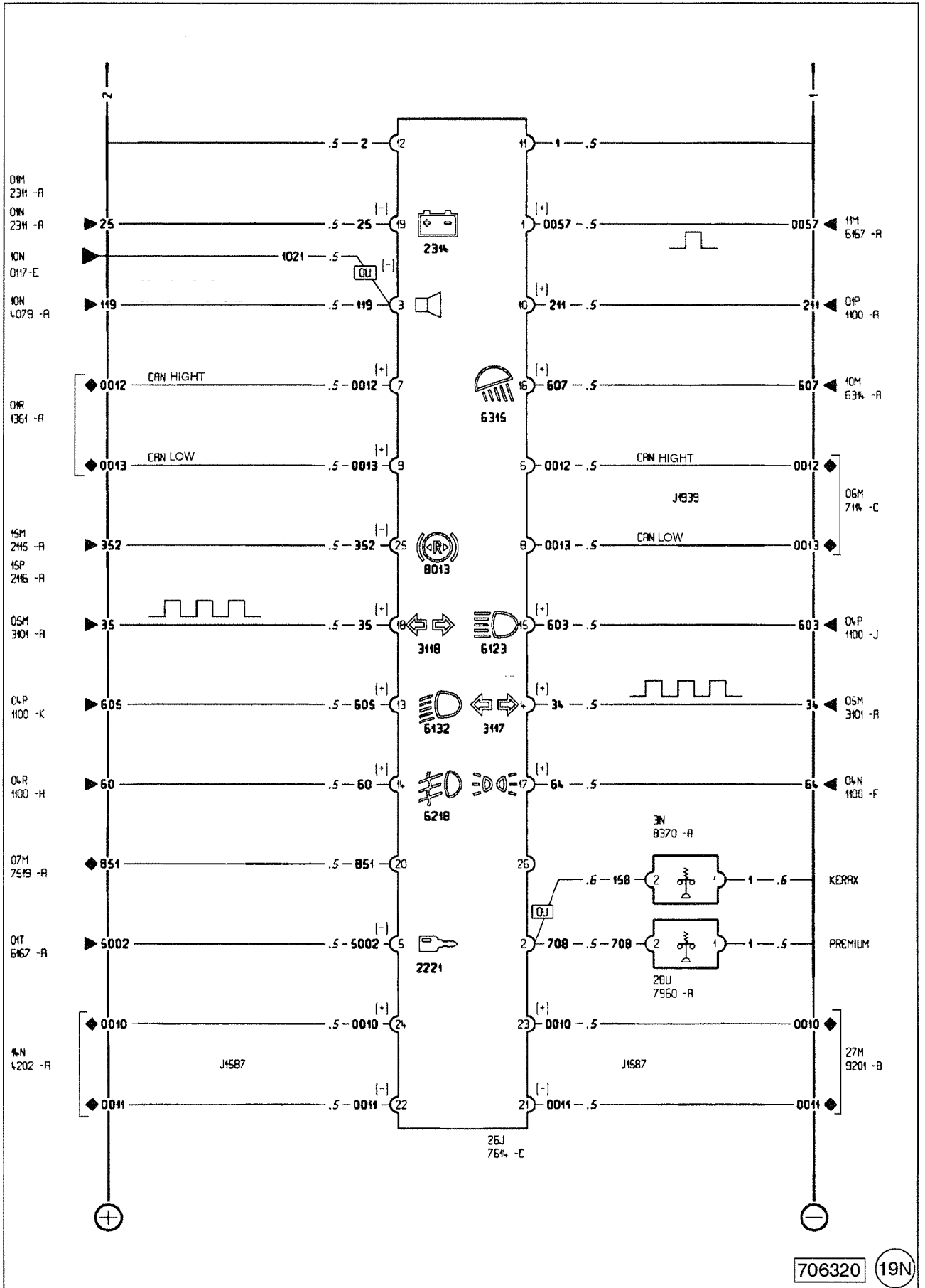
INDEPENDENT HEATING AT2000



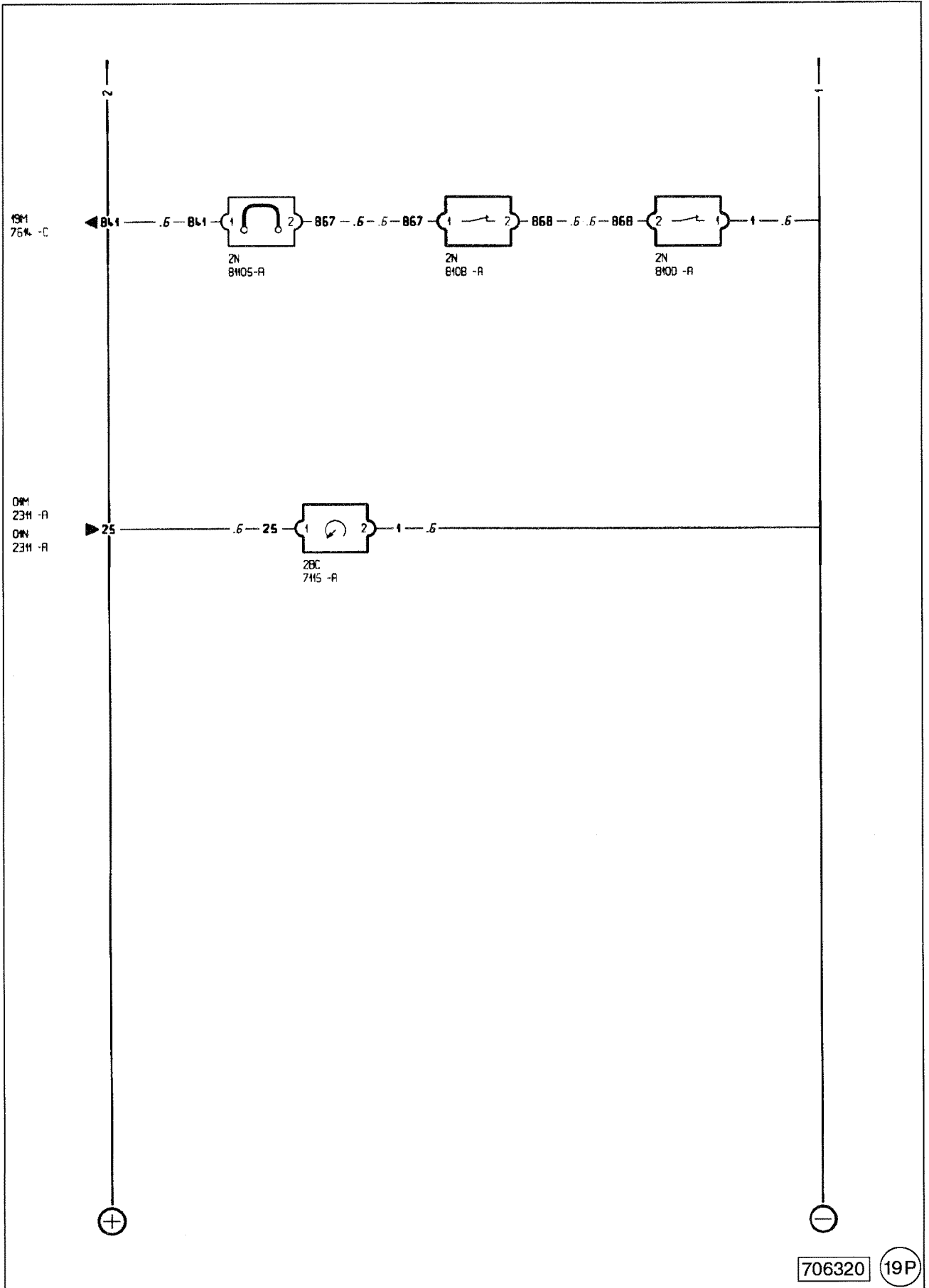
INDEPENDENT HEATER ADR AT2000



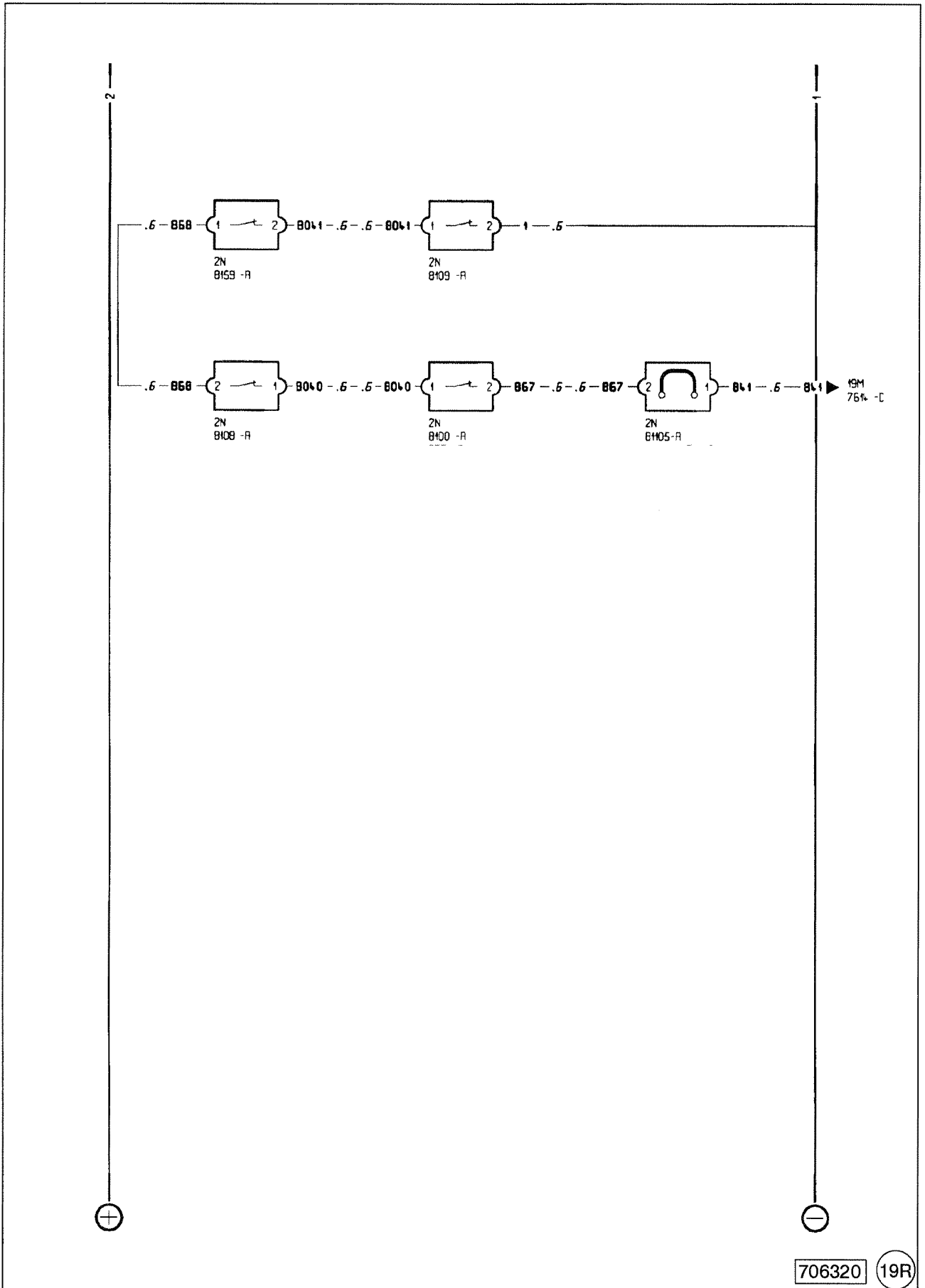
PRINCIPAL DISPLAY



PRINCIPAL DISPLAY



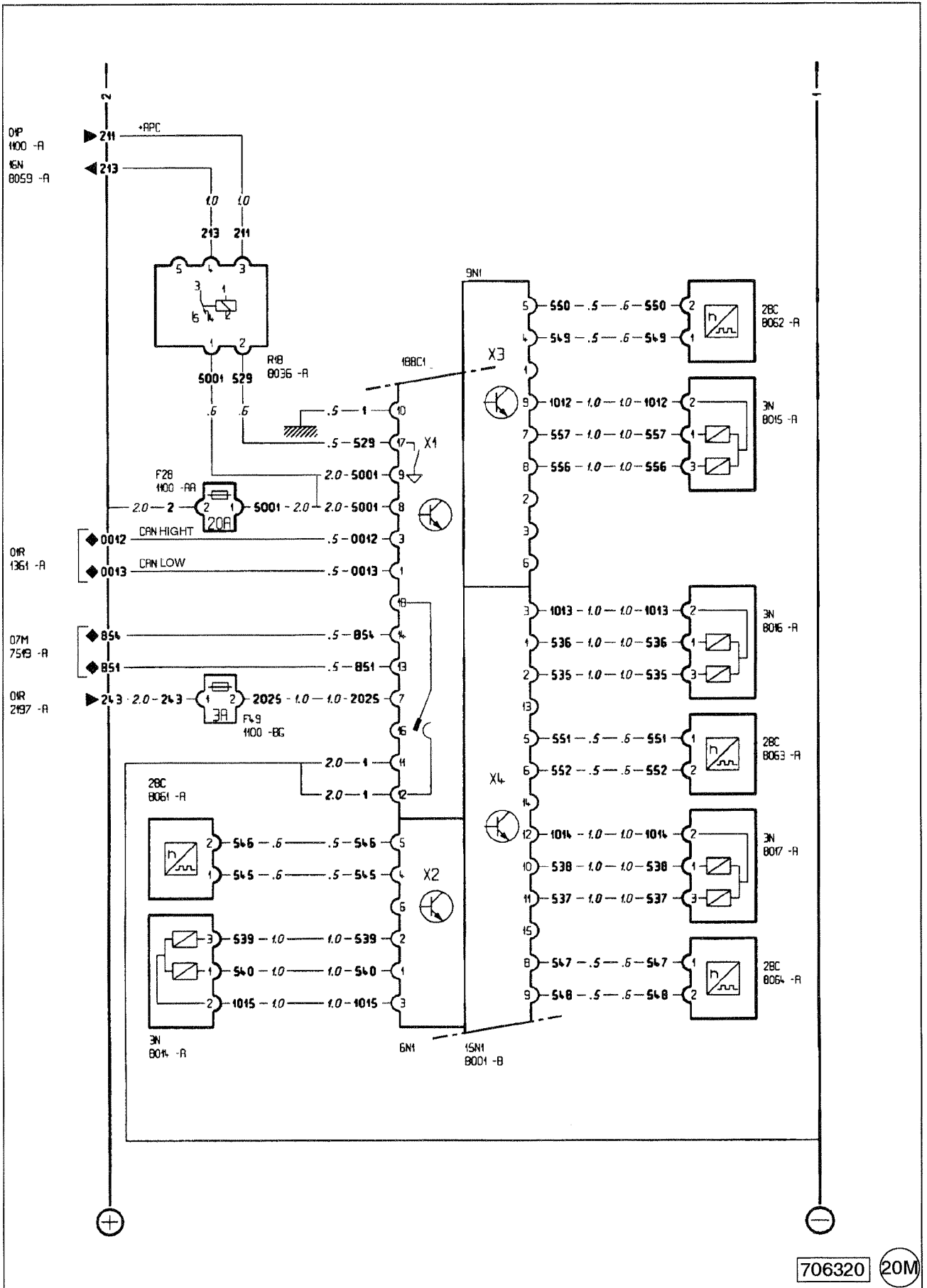
**BRAKE PAD WEAR**

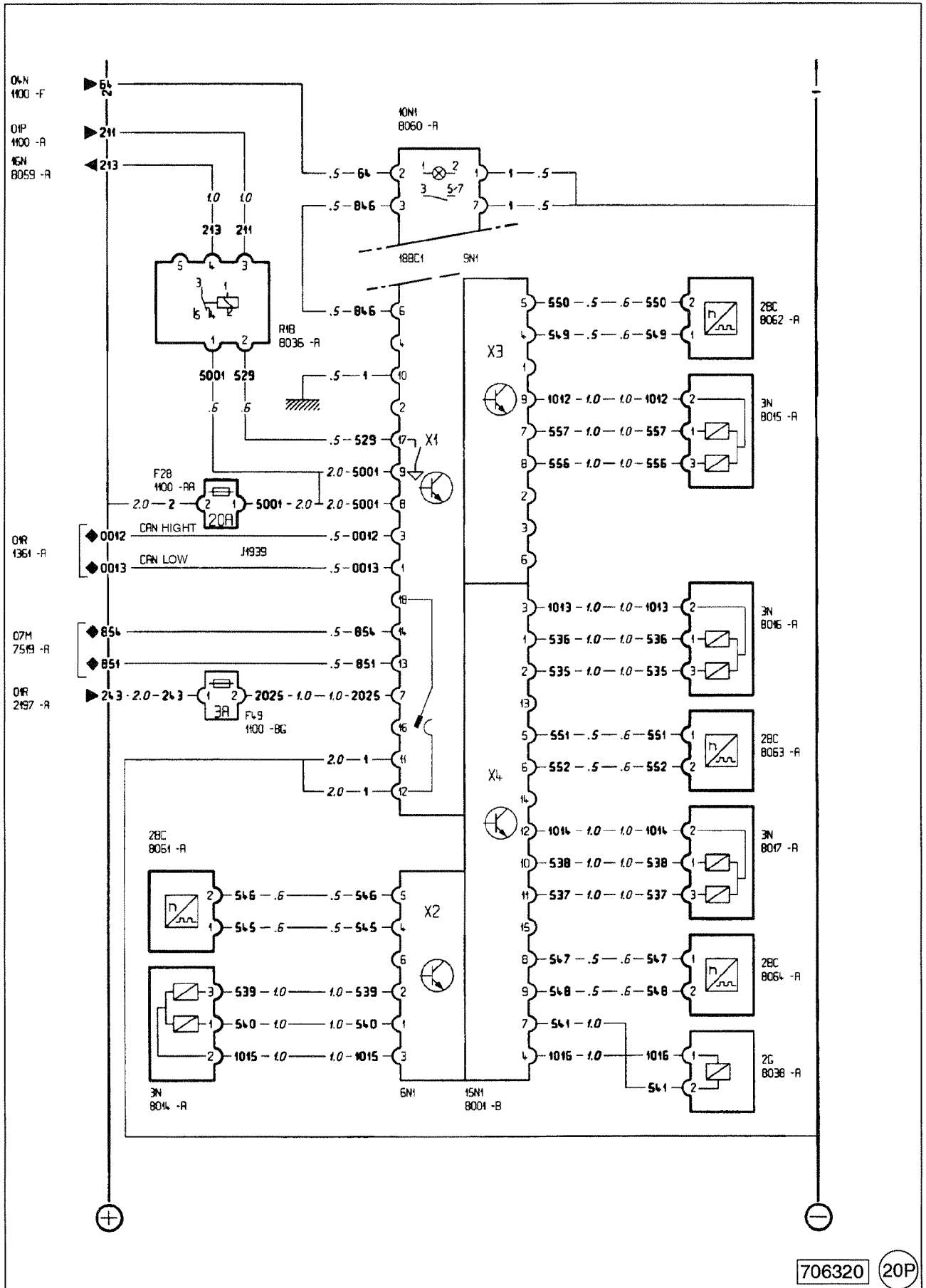


706320 19R

BRAKE PAD WEAR

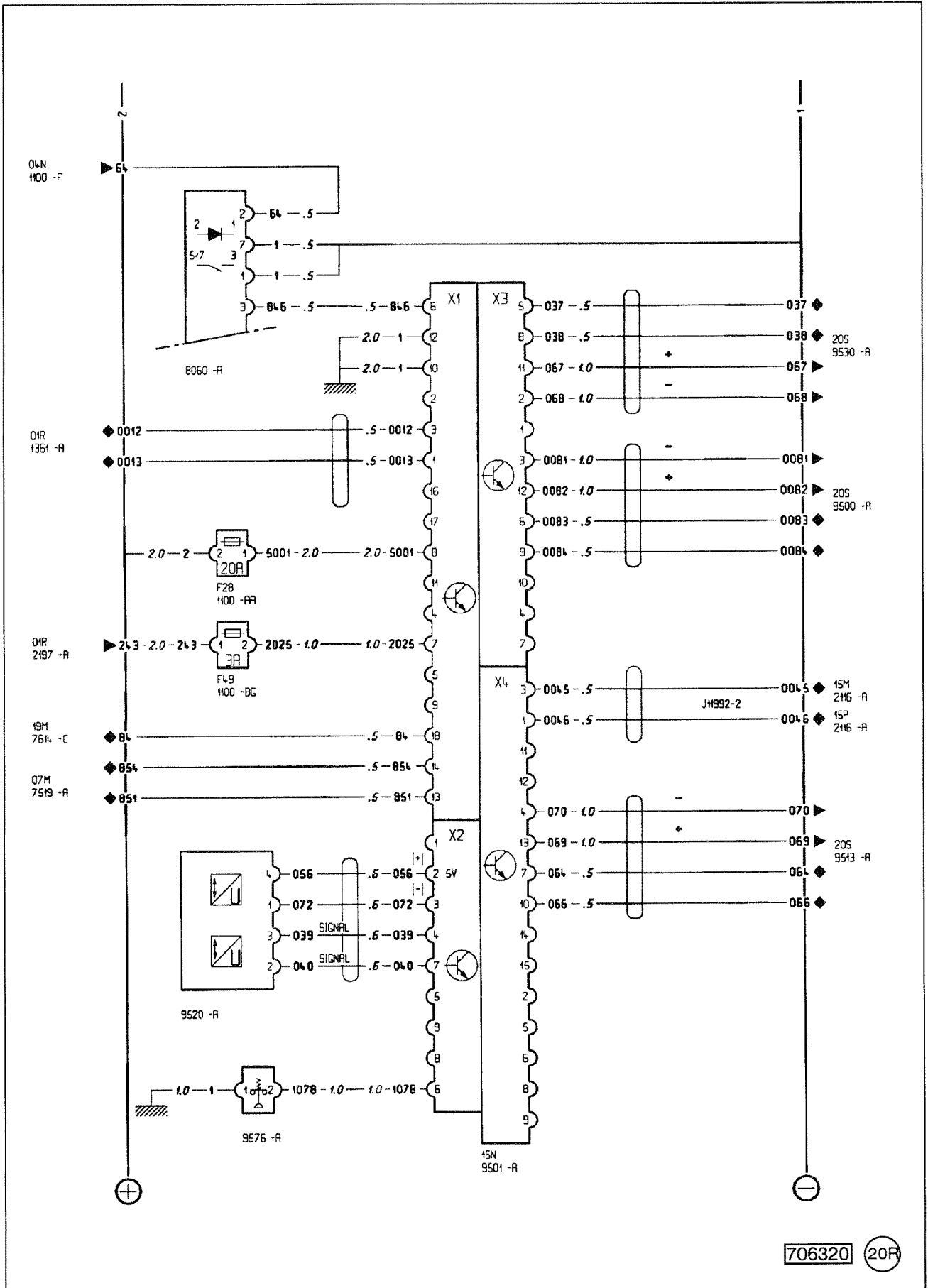




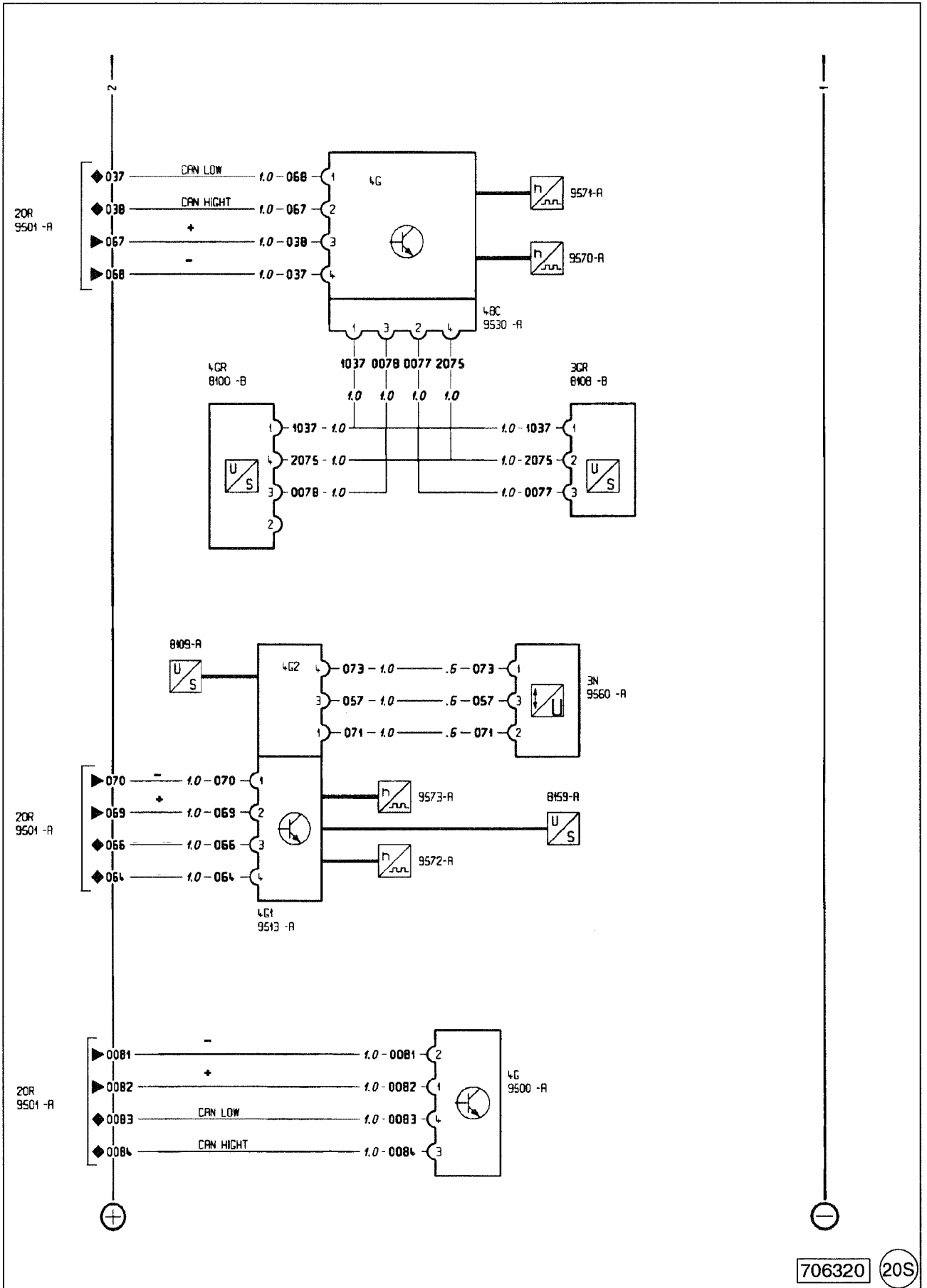


ABS / ASR EQUIPMENT

RENAULT VI. 07 / 01



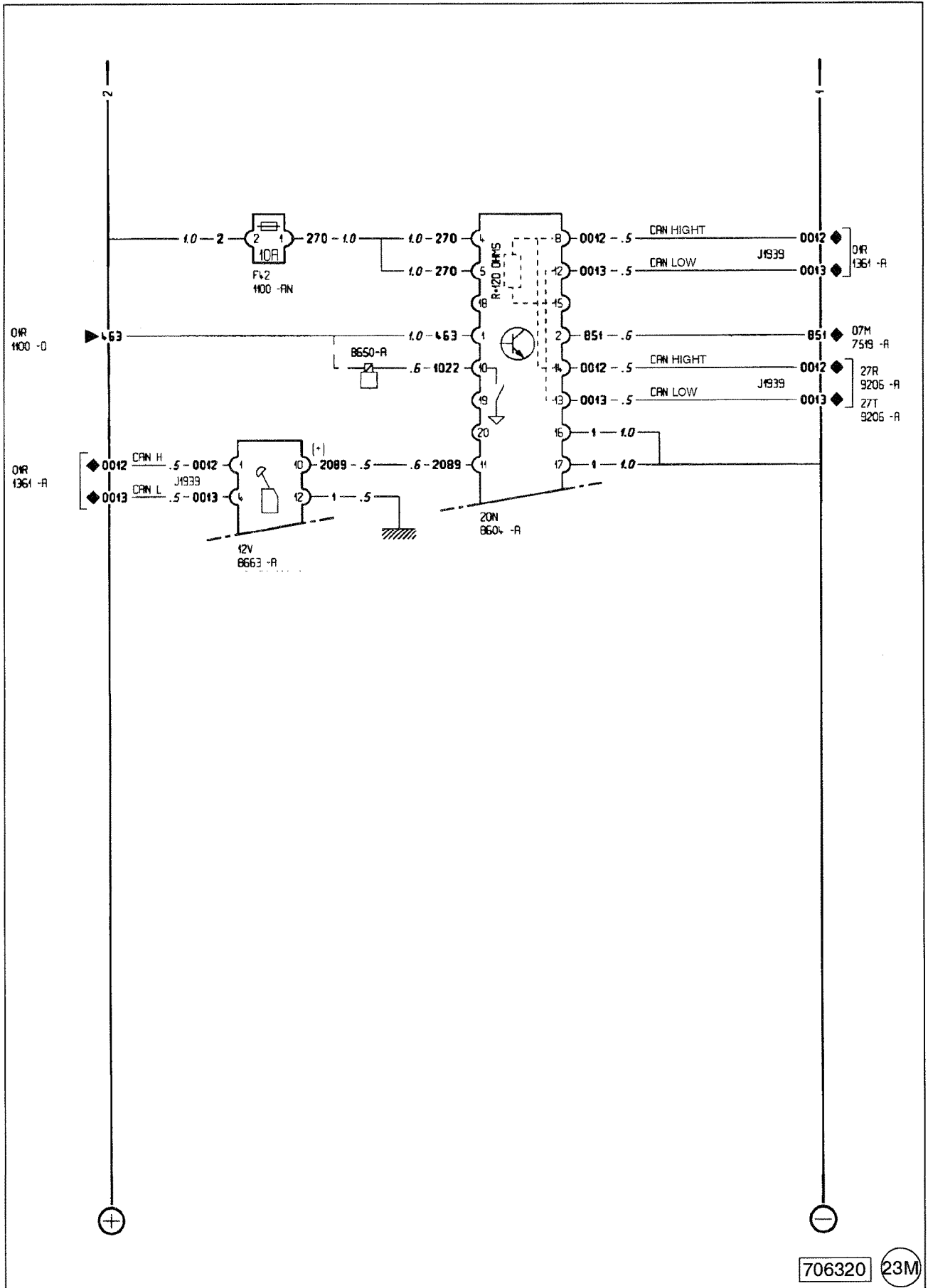
ABS / ASR EQUIPMENT



706320 (20S)

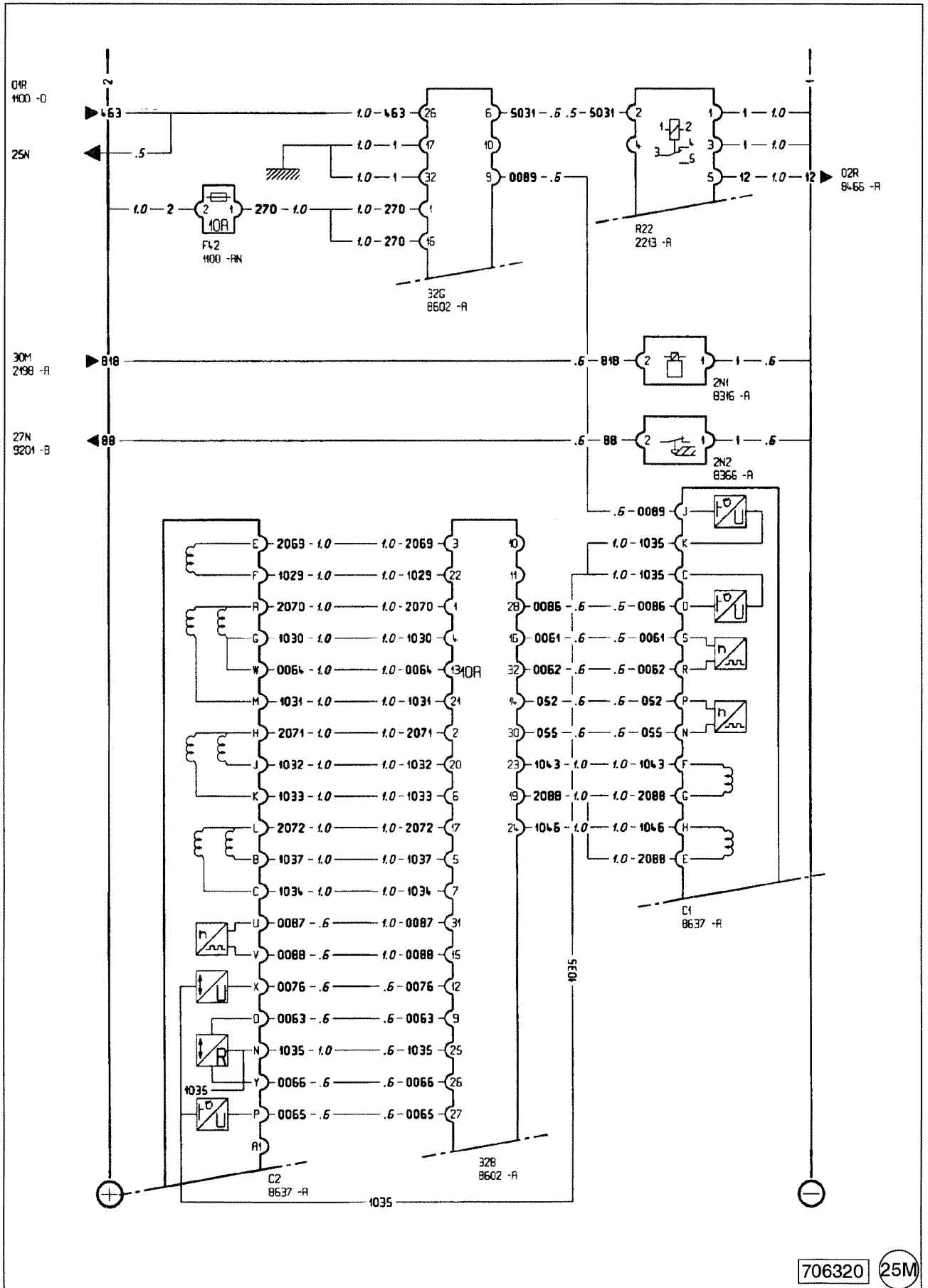
EBS EQUIPMENT

RENAULT V.I. 07 / 01



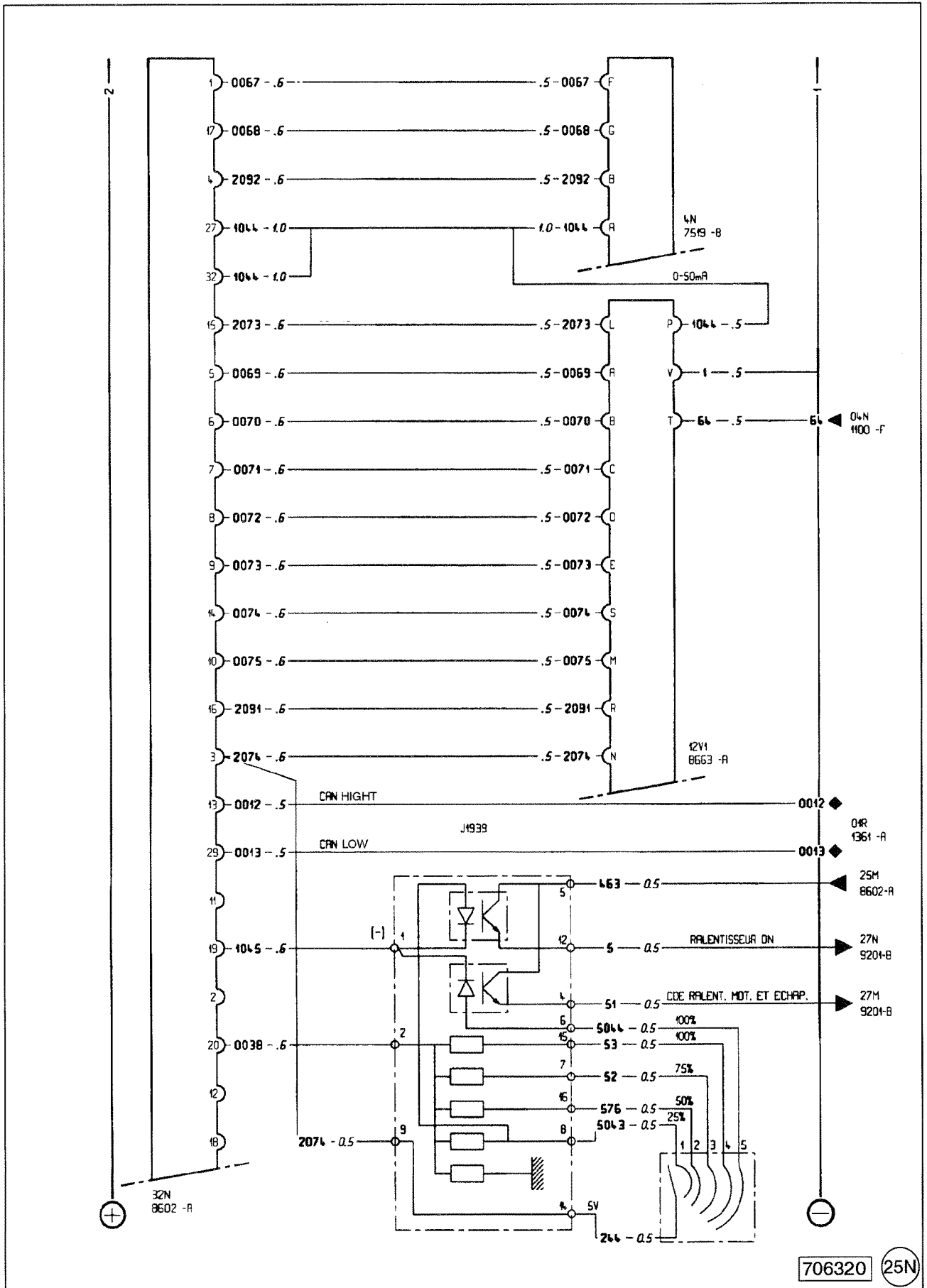
706320 23M

“ASTRONIC” GEARBOX



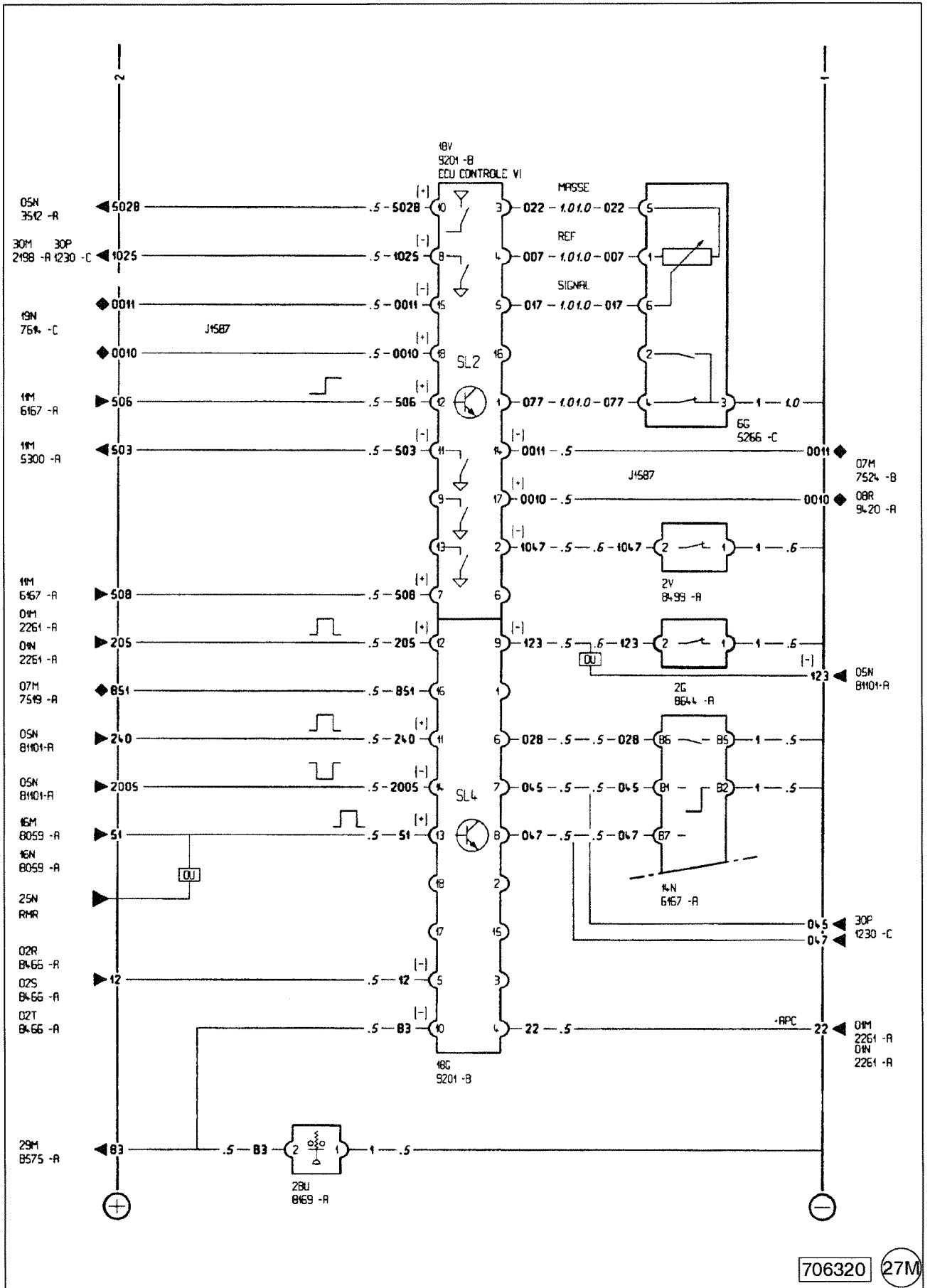
706320 (25M)

AUTOMATIC GEARBOX



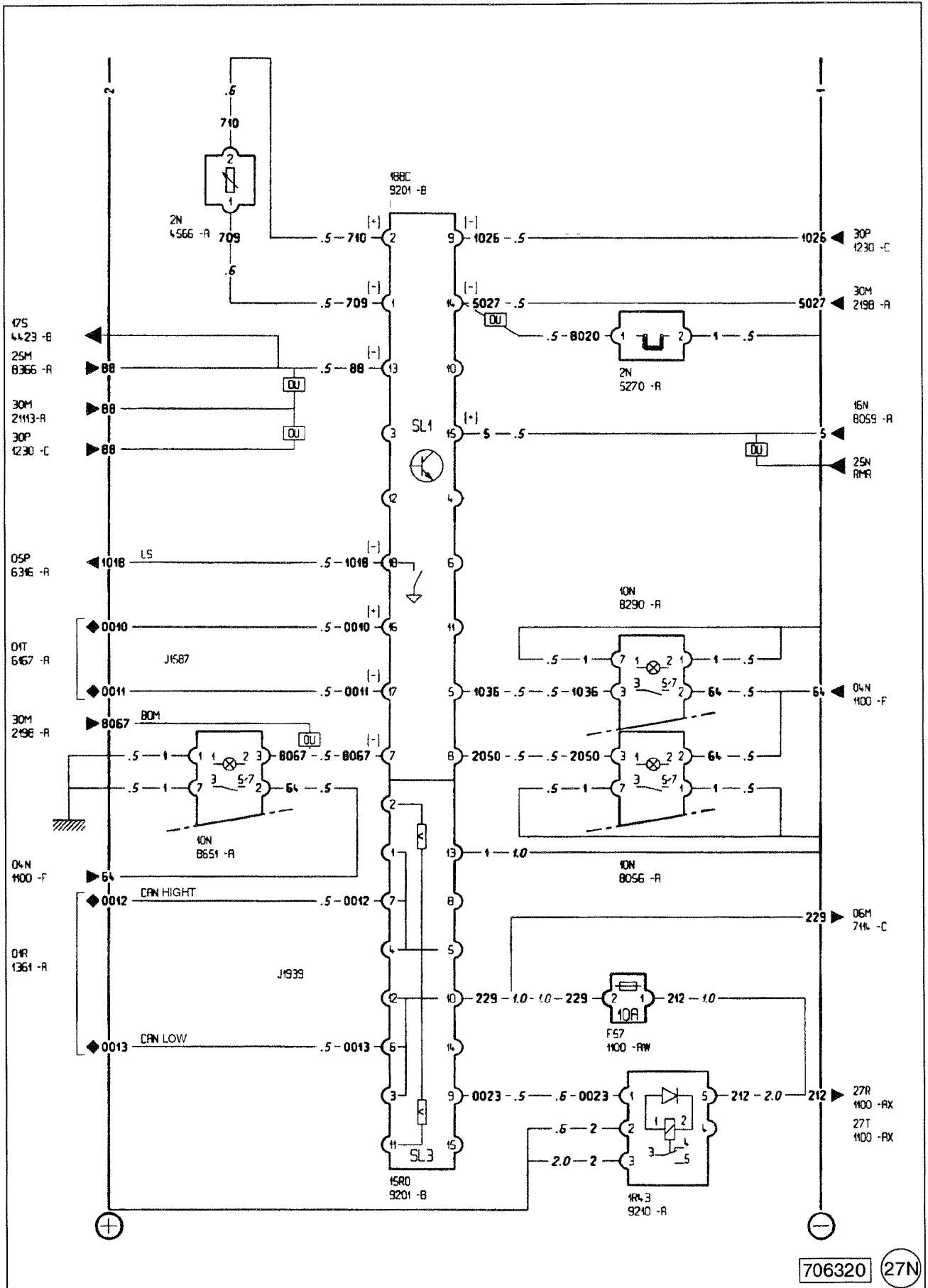
706320 (25N)

AUTOMATIC GEARBOX



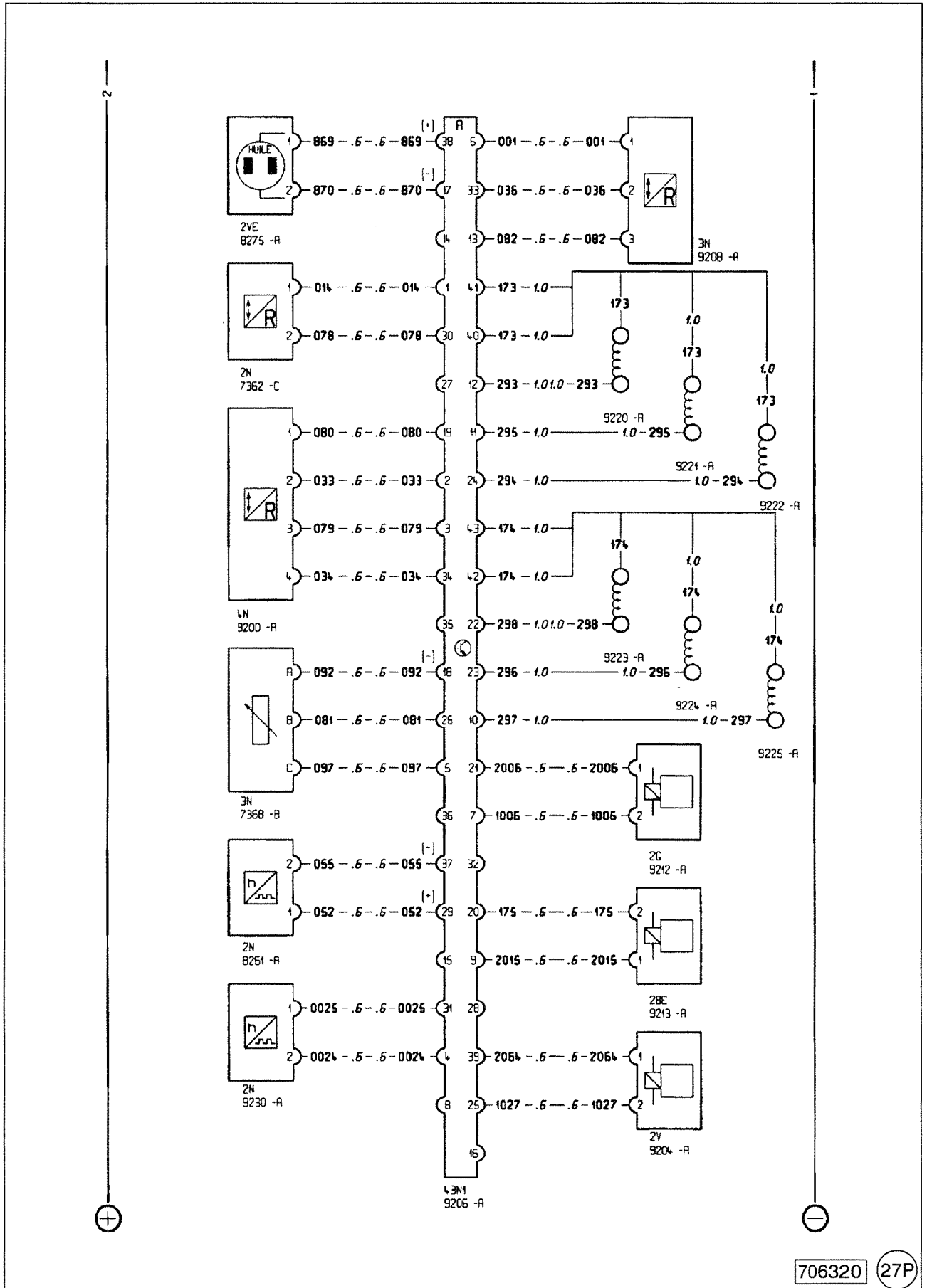
CAB INJECTION CONTROL





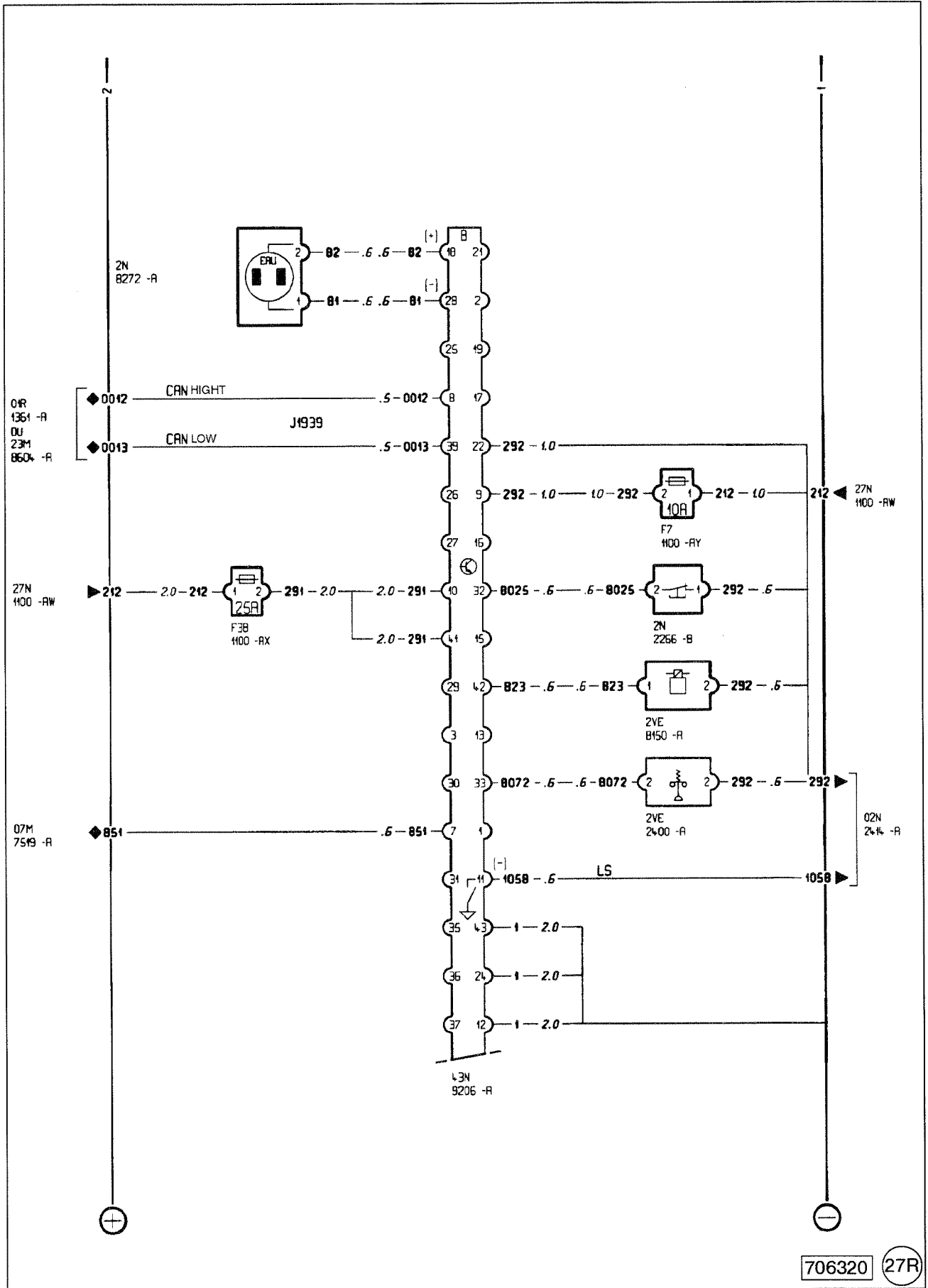
706320 (27N)

CAB INJECTION CONTROL

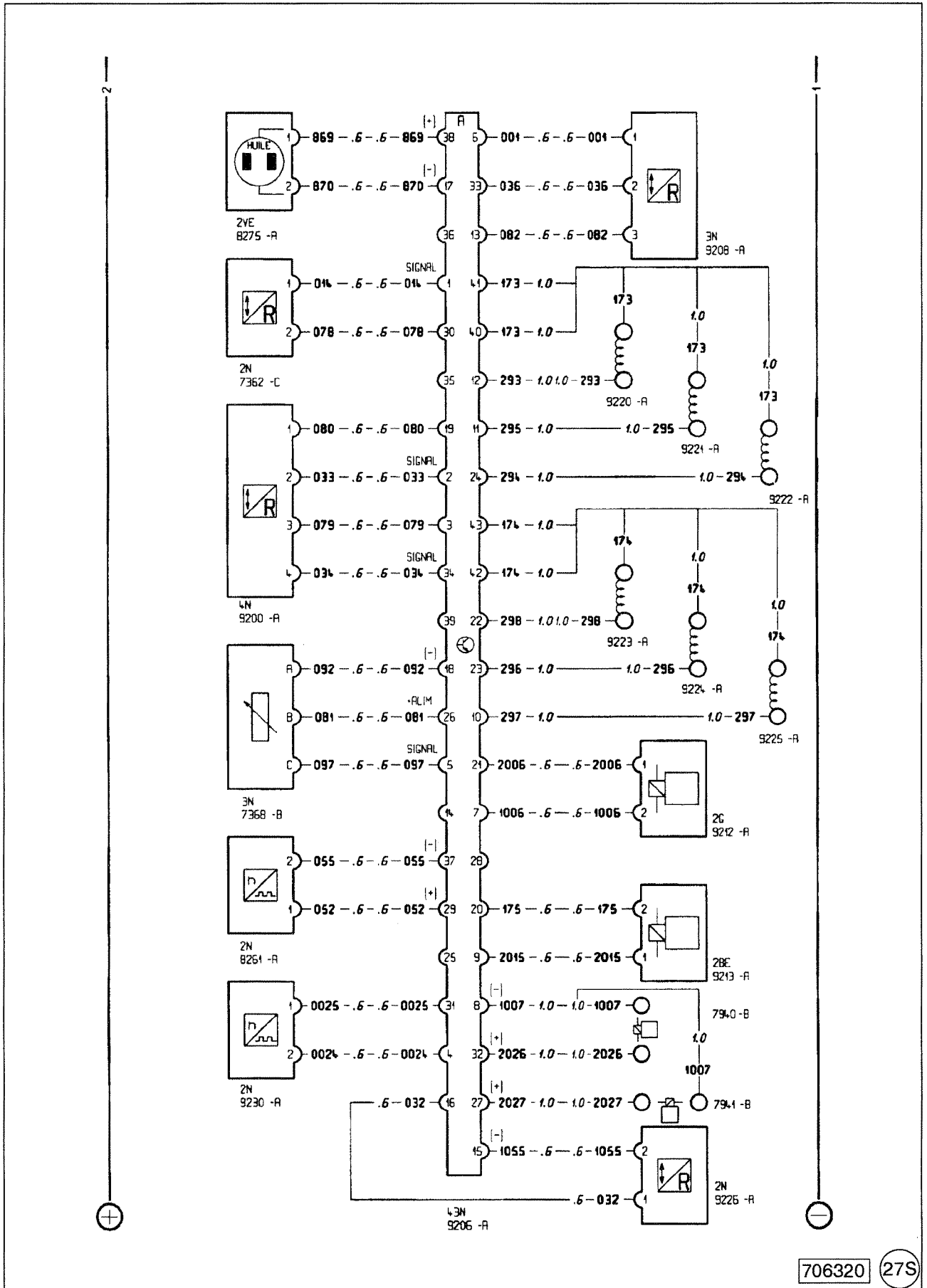


706320 27P

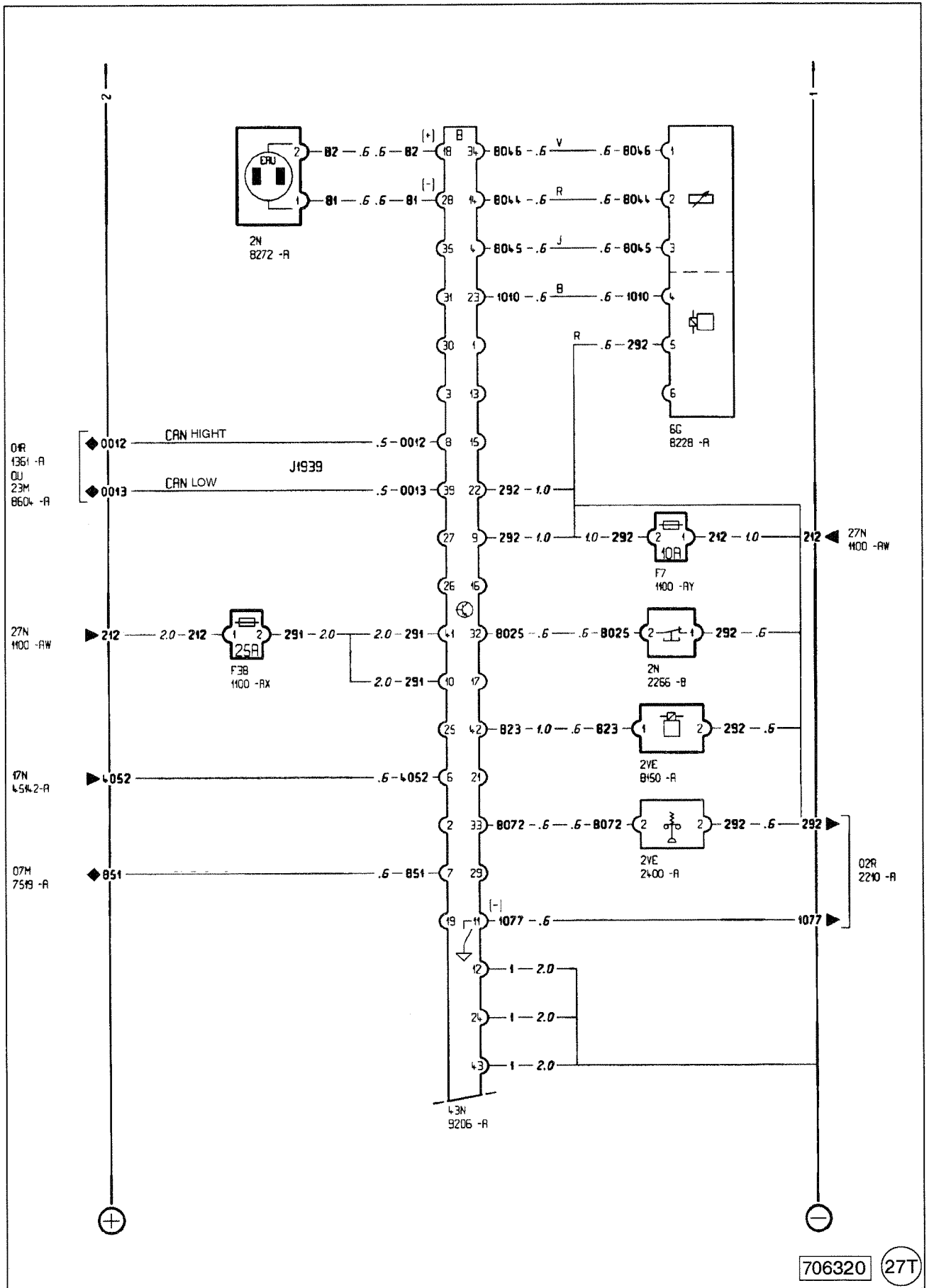
DCI6 ENGINE INJECTION CONTROL



706320 (27R)

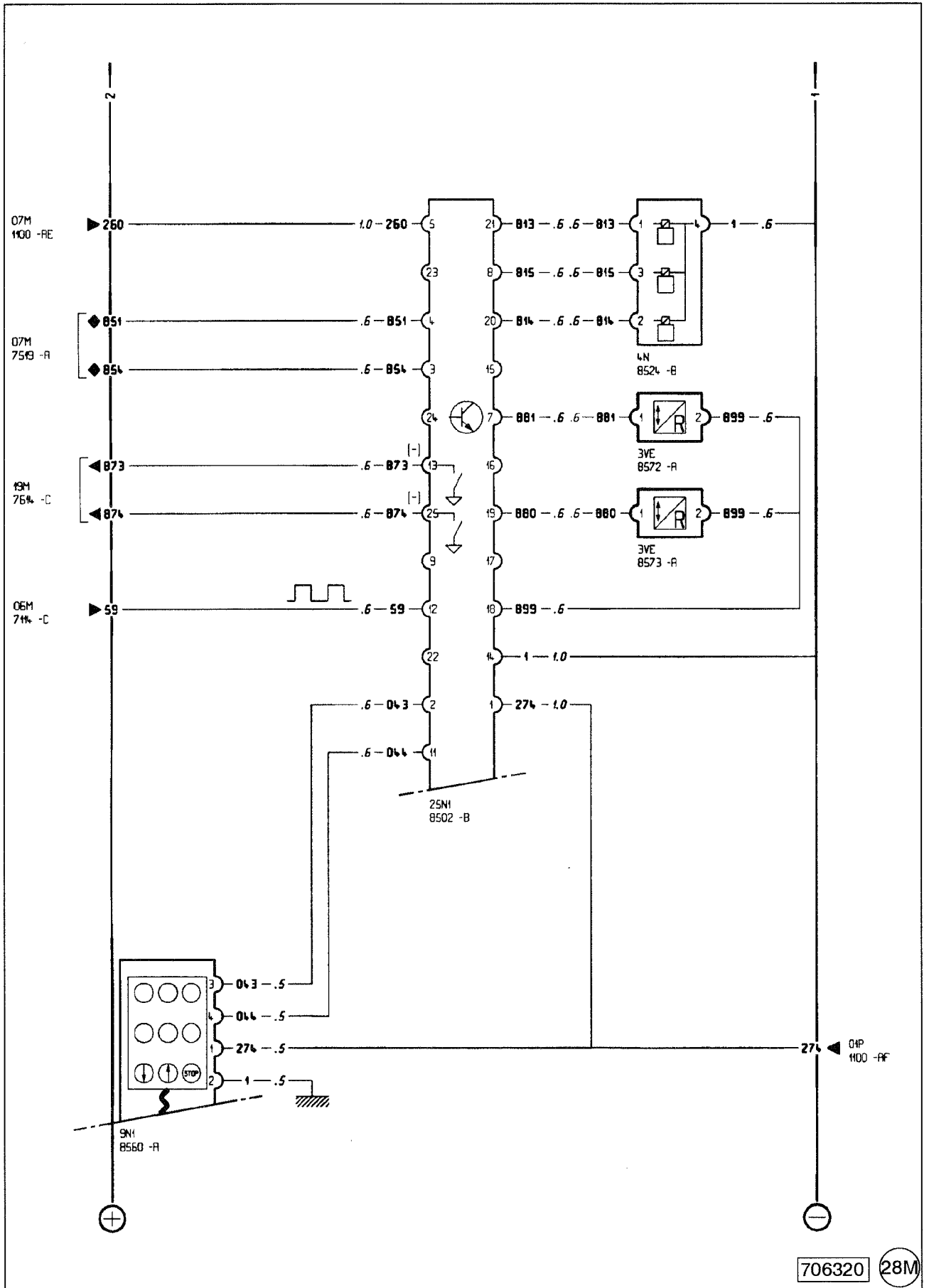


DCI11 ENGINE INJECTION CONTROL



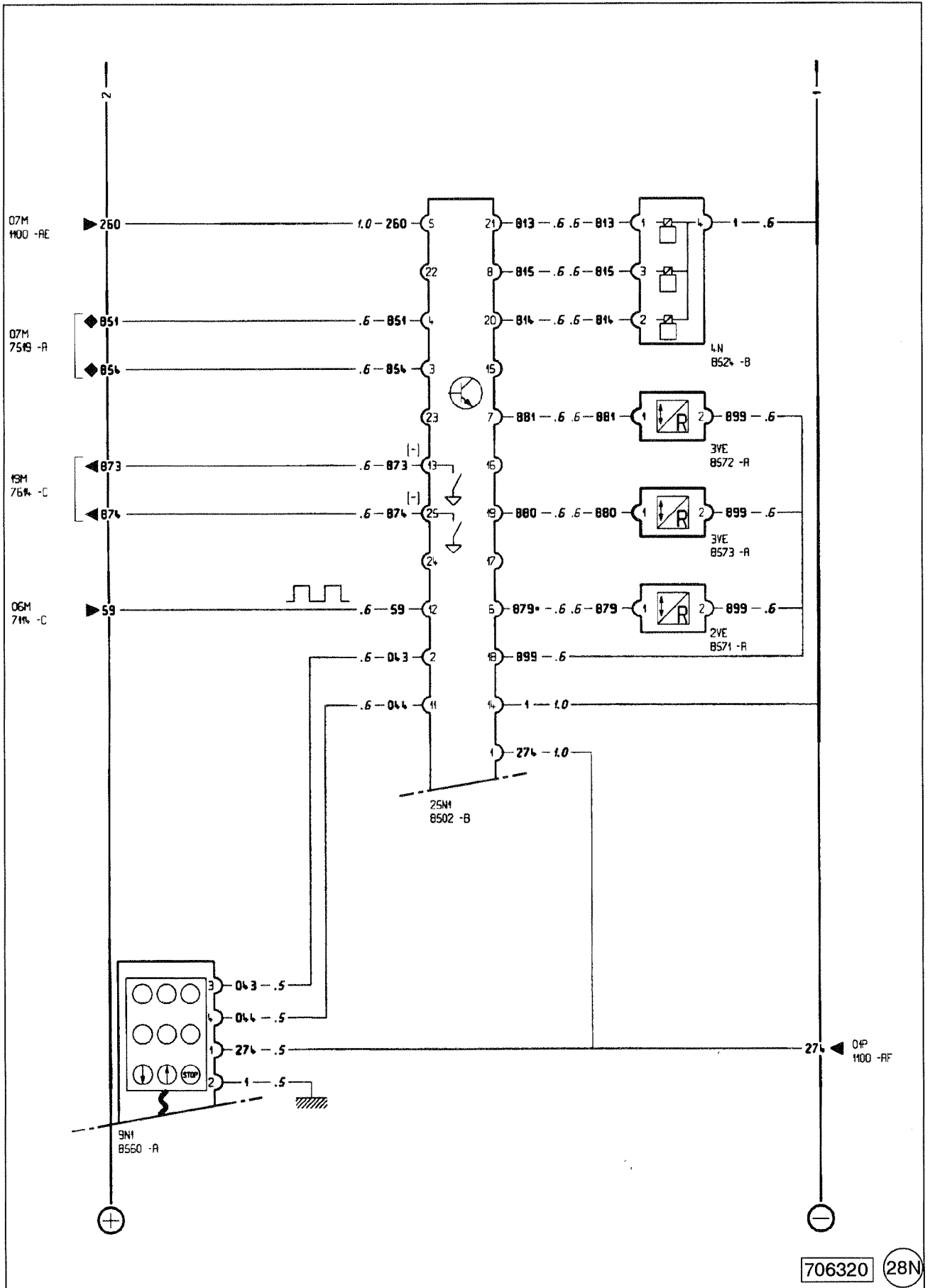
706320 (27T)

DCI11 ENGINE INJECTION CONTROL



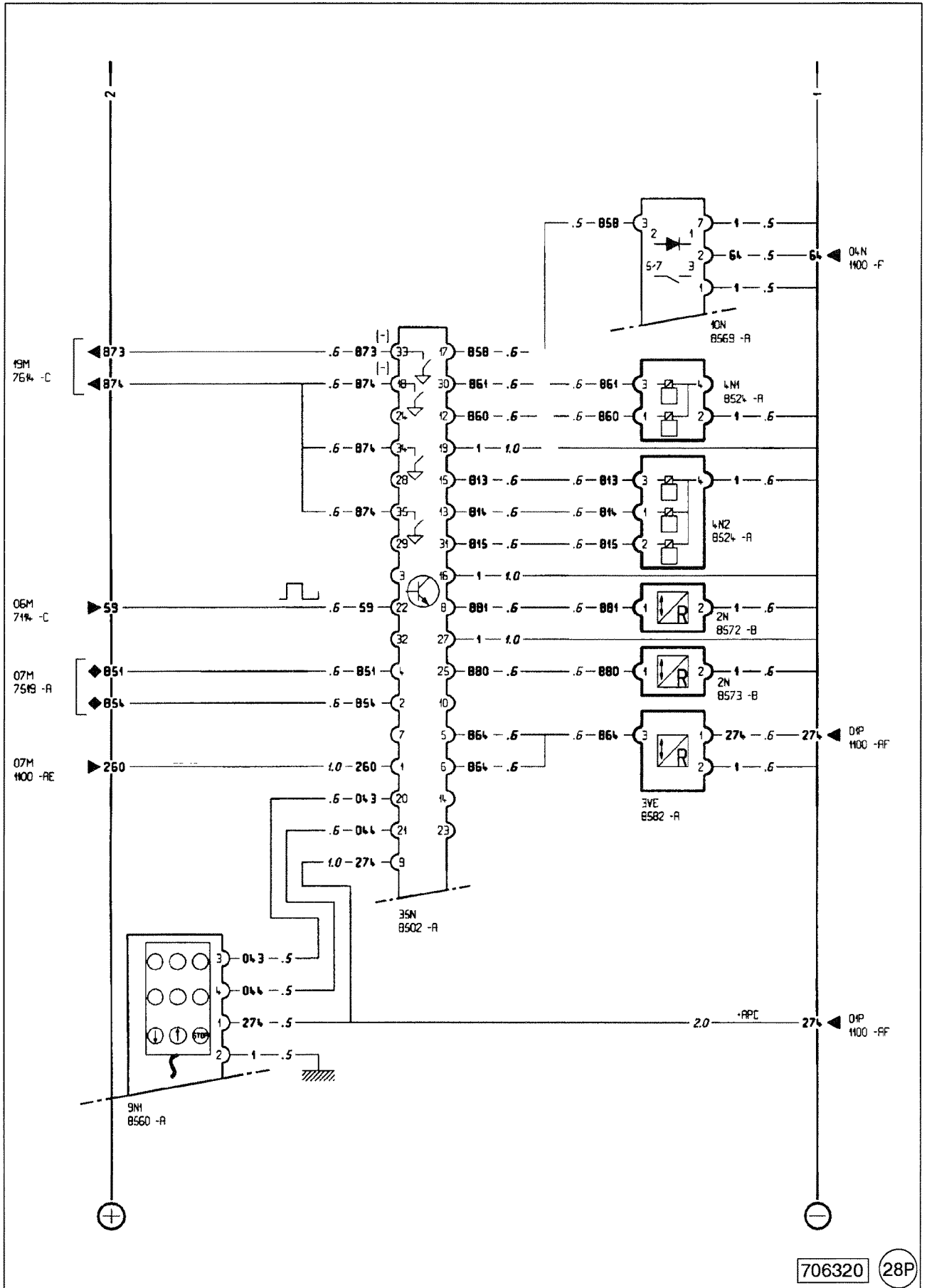
706320 (28M)

AIR SUSPENSION



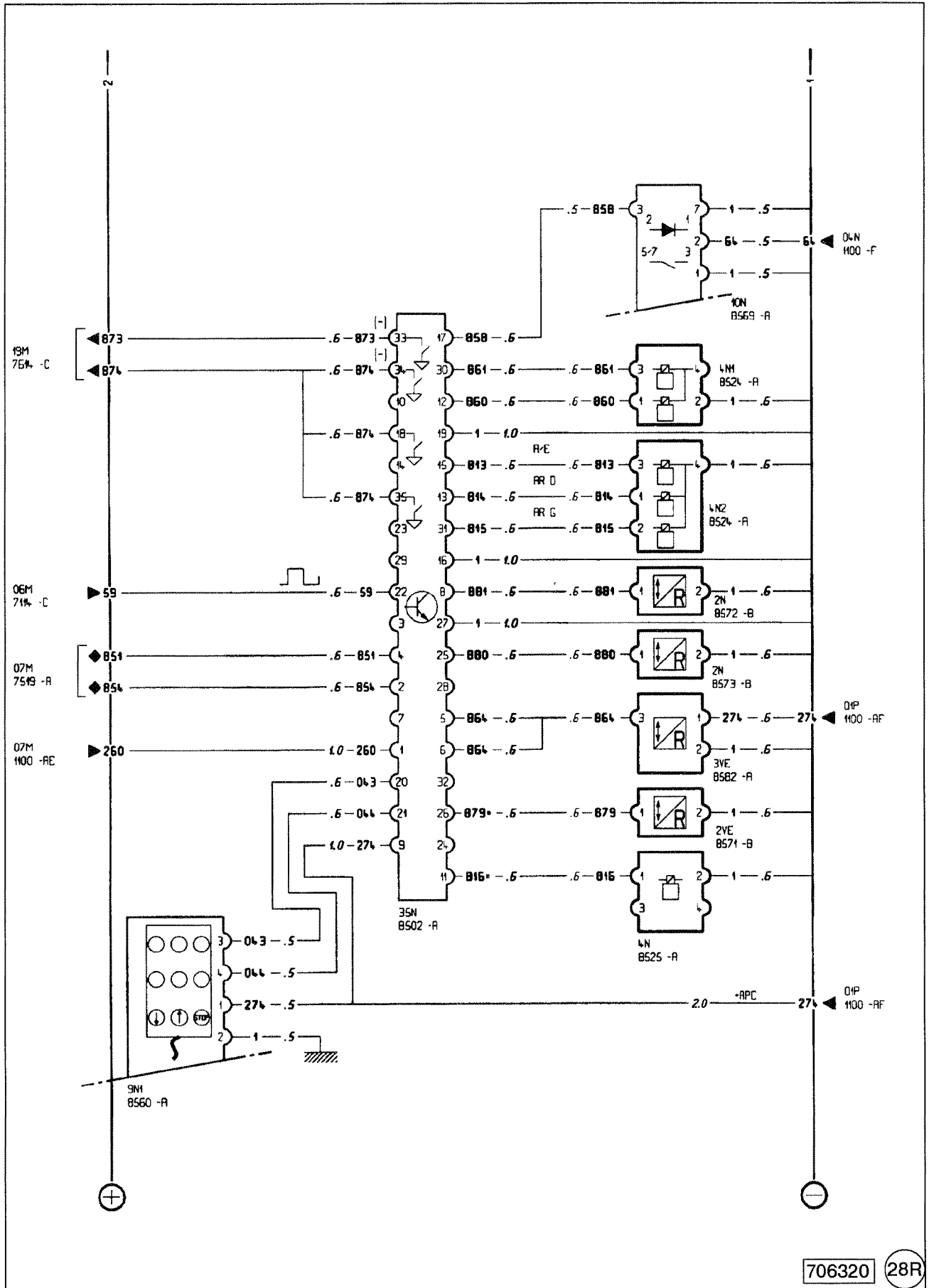
706320 (28N)

AIR SUSPENSION

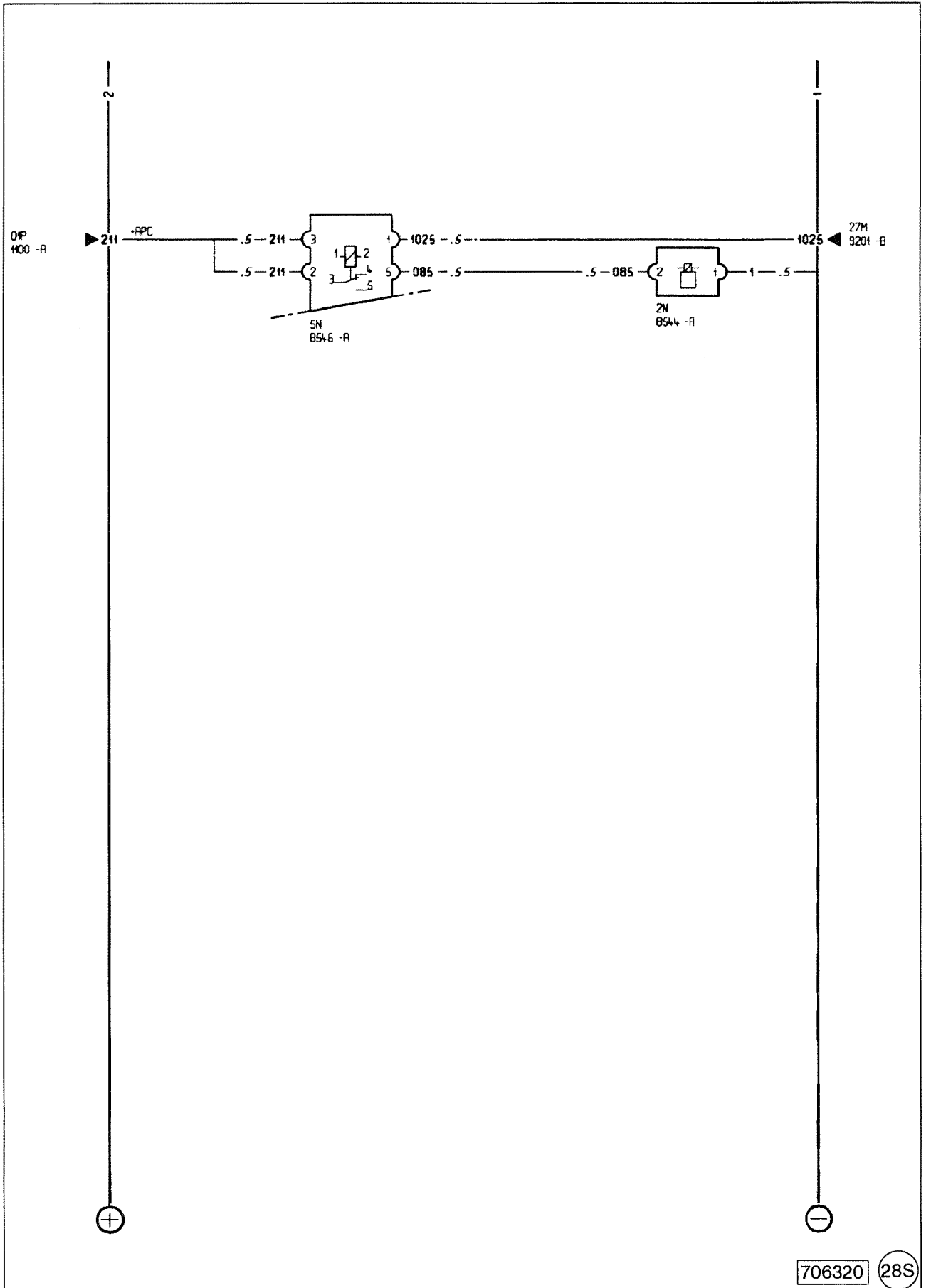


AIR SUSPENSION

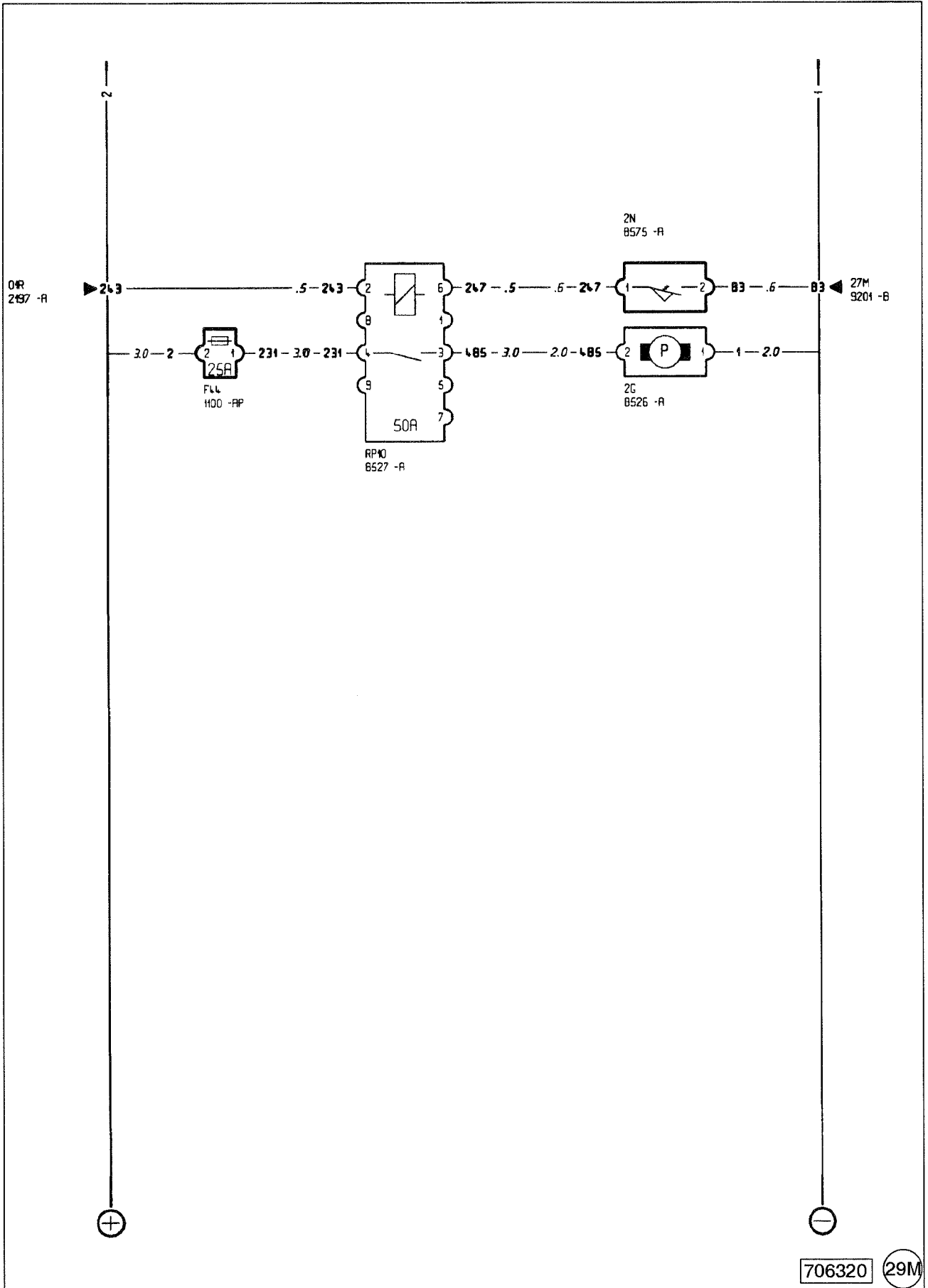




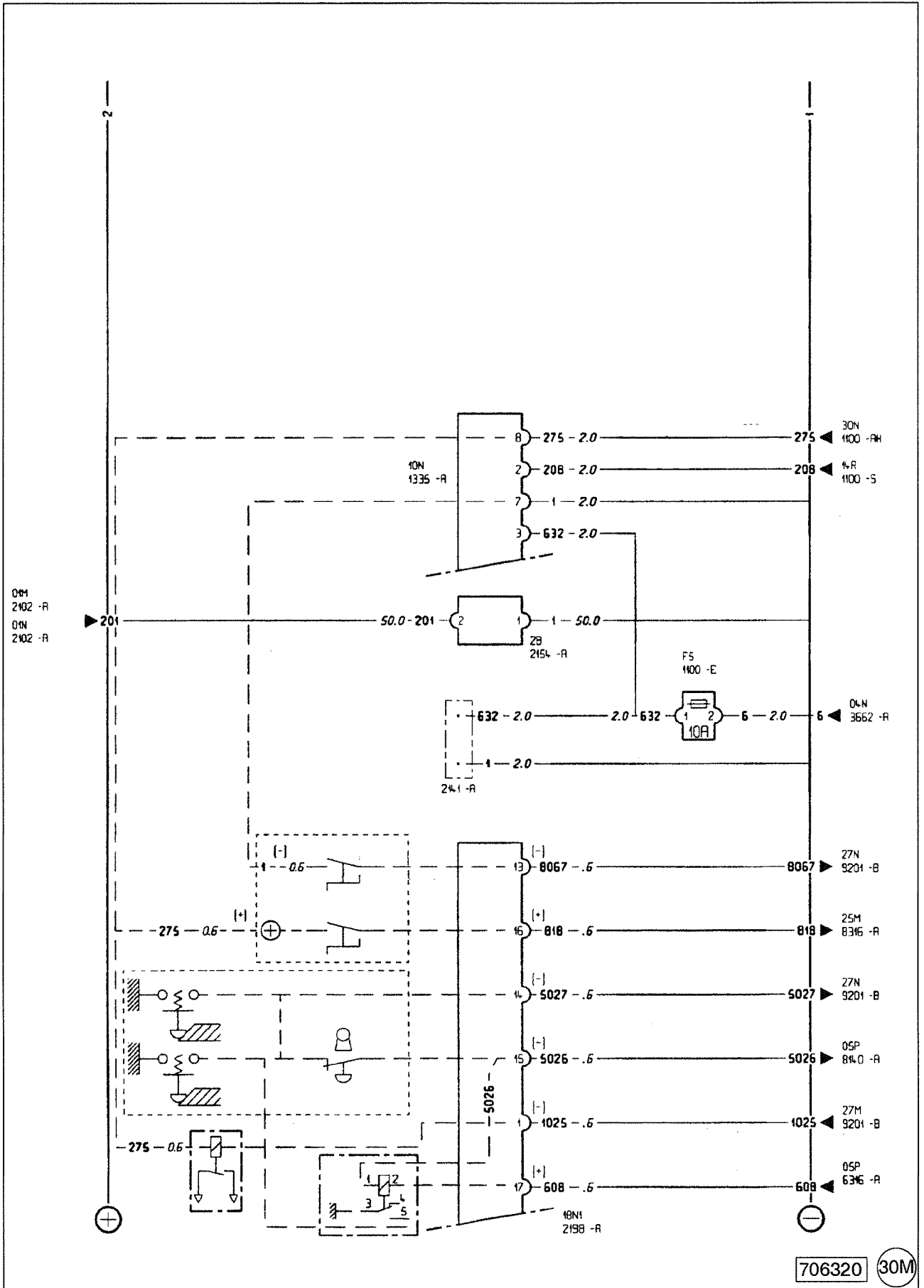
AIR SUSPENSION



SELF-TRACKING AXLE

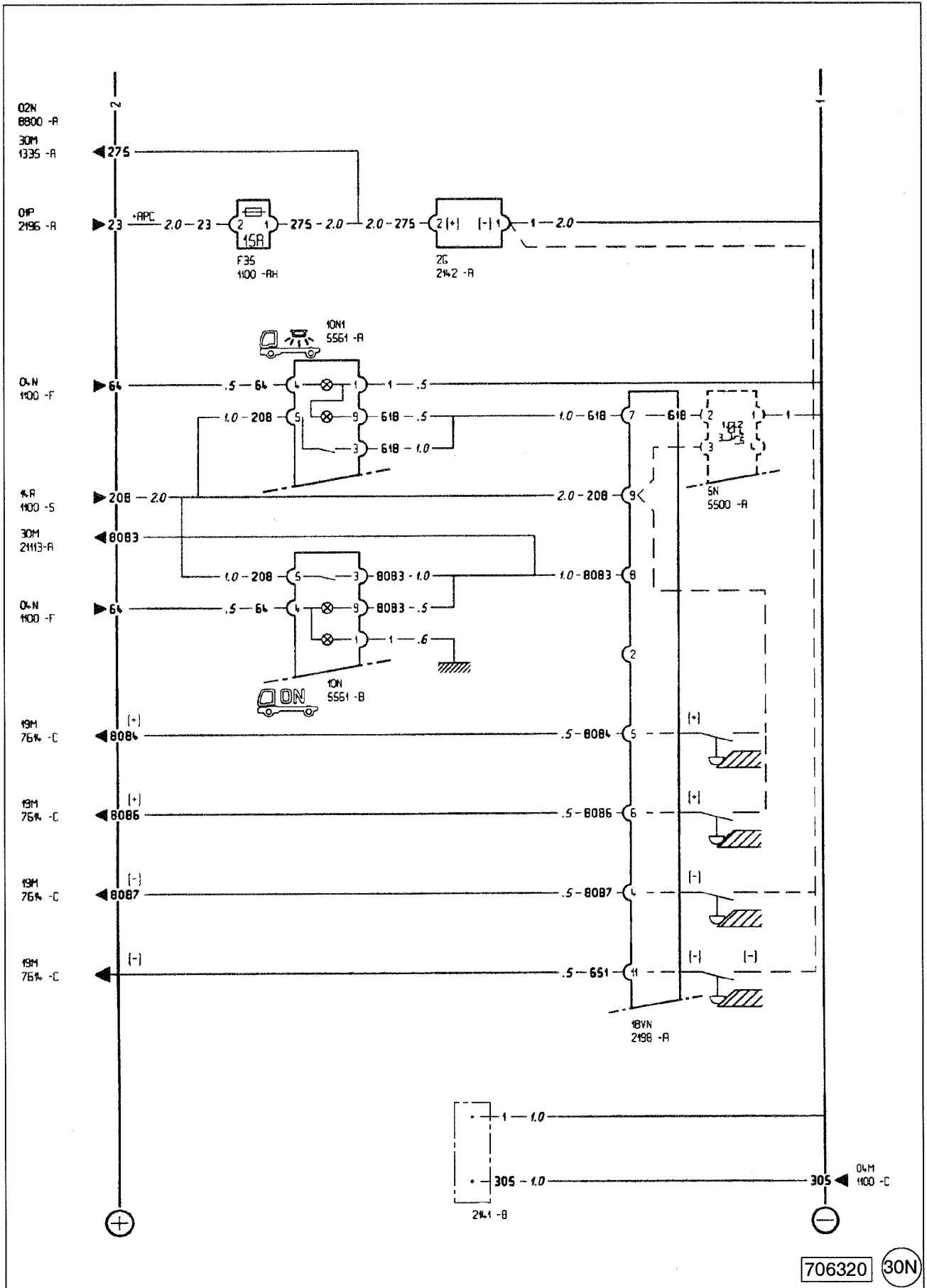


CAB TILT MECHANISM

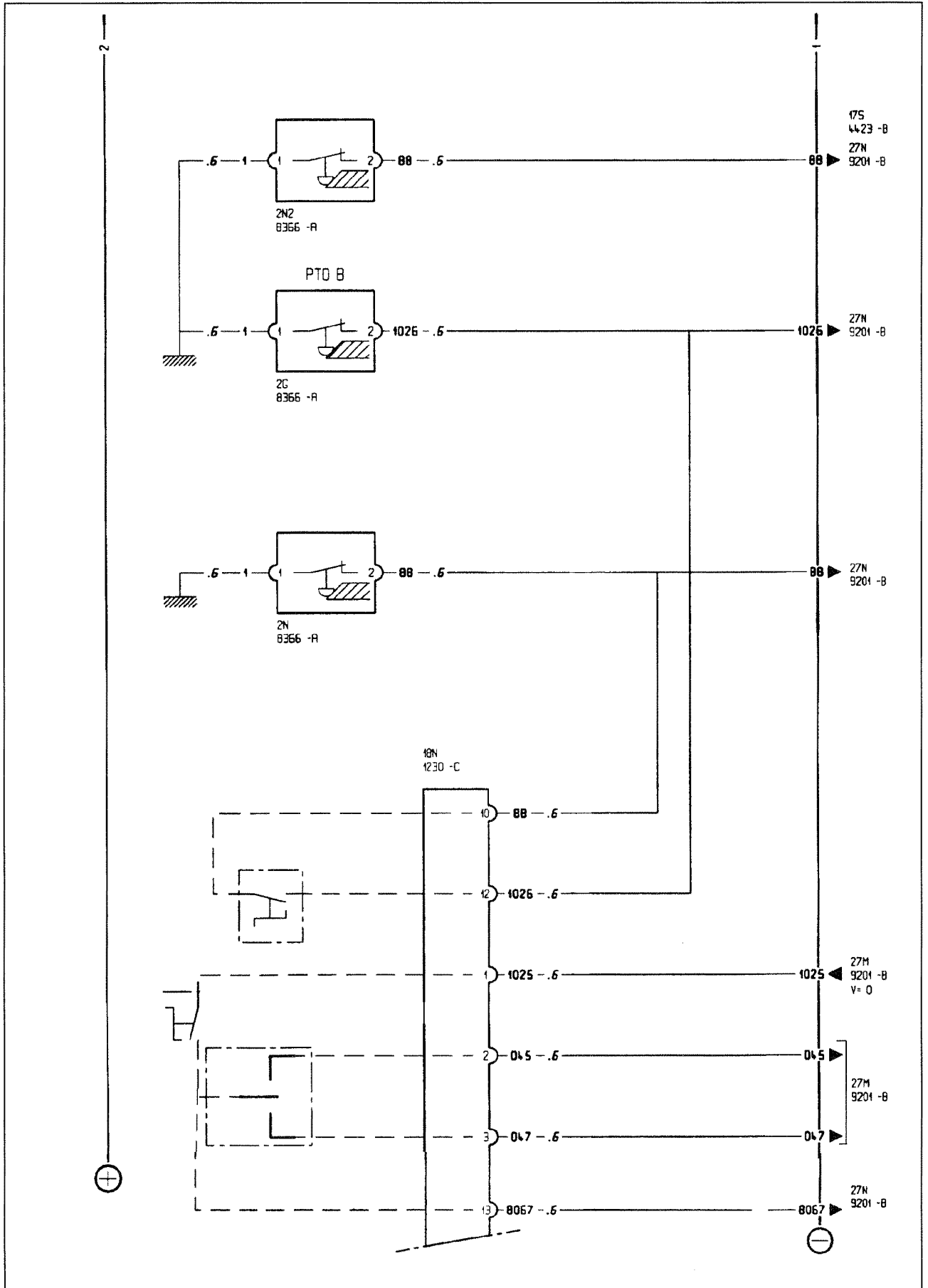


706320 (30M)

AVAILABLE POWER SUPPLIES



AVAILABLE POWER SUPPLIES



AVAILABLE POWER SUPPLIES

## PINPOINTING OF ELECTRICAL APPLIANCES

**Fuel-injection electronic management**

**Hydraulic retarder**

**Electronic air suspension "4x2 – 6x2 – 6x2/4"**

**Equipment ABS / ASR "4x2 – 6x2 – 6x2/4"**

**ADR equipment**

**Trailer sockets**

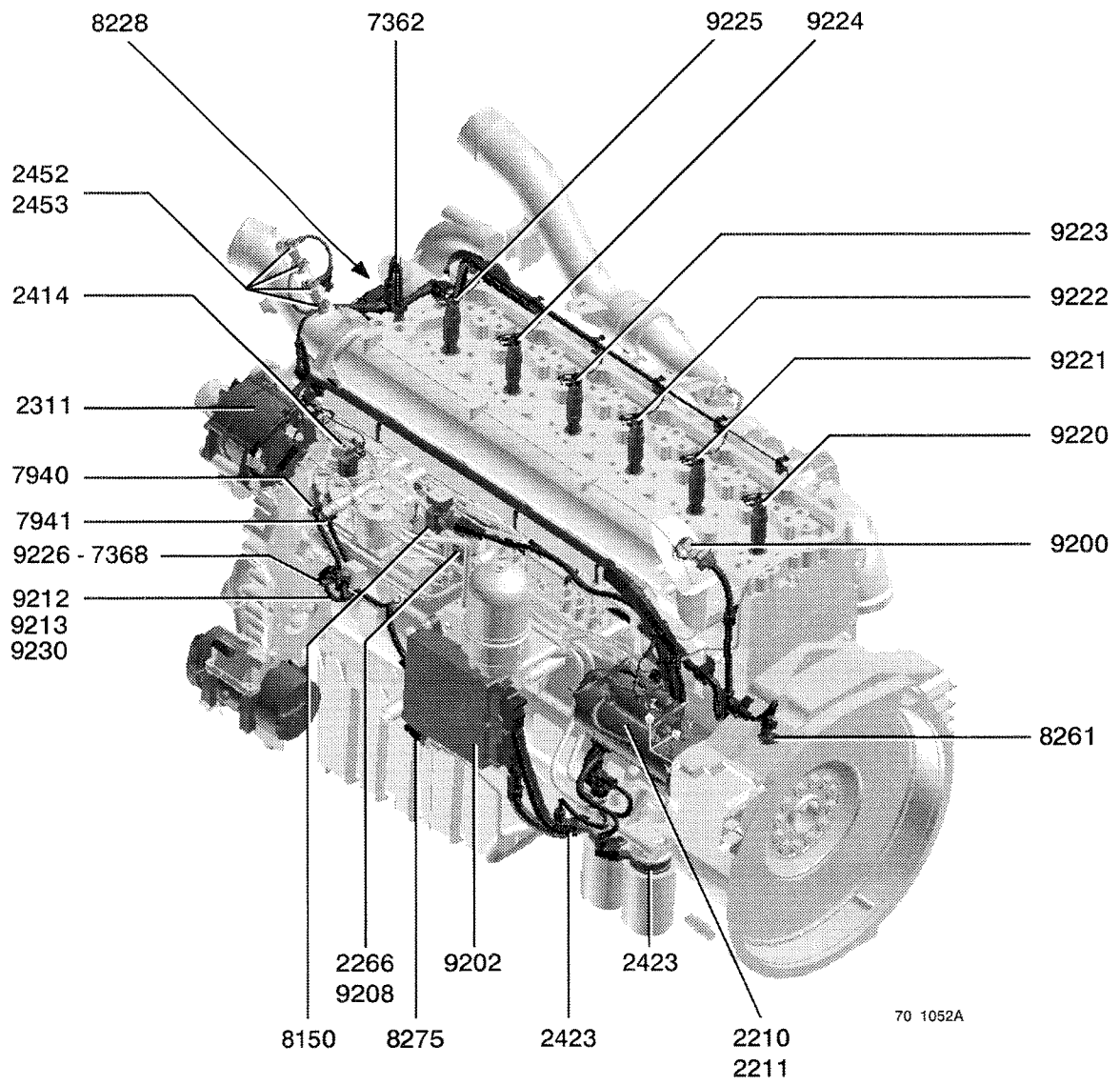
**Voltage dropper**

**Connection unit**

**Relays away from connection unit**

**Diodes away from connection unit**

**Fuses away from connection unit**



70 1052A



## Fuel-injection electronic management

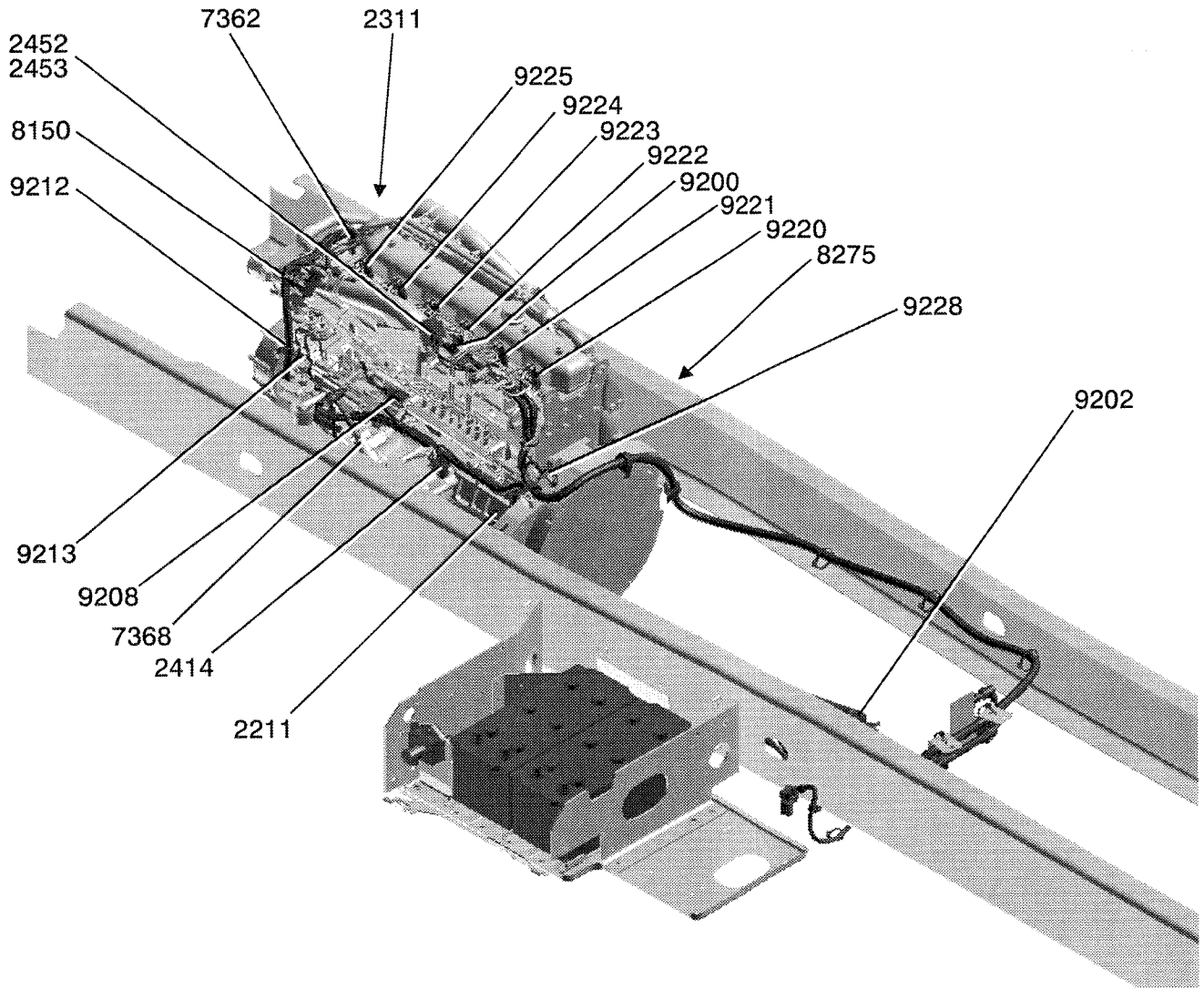
### Layout of appliances on engine "MIDR 06.20.45 – DCI 11"

Appliance	Plate
2266 – Engine stop control (cab tilted) .....	27T
7362 – Coolant temperature sensor .....	27P/27S
7368 – Oil pressure sensor .....	27S/27T
7940 – Jake brake solenoid valve N° 1 .....	27S
7941 – Jake brake solenoid valve N° 2 .....	27S
8150 – Exhaust brake electrovalve .....	27T
8228 – Declutching fan .....	27T
8261 – Engine speed sensor .....	27P/27S
8275 – Engine oil level sensor .....	27P/27S
9200 – Boost air pressure and temperature sensor .....	27P/27S
9202 – "EUP" engine master ECU (EECU) .....	27P/27S/27T
9208 – Fuel high pressure sensor .....	27P/27S
9212 – Fuel flow regulation solenoid valve "2" .....	27P/27S
9213 – Fuel flow regulation solenoid valve "1" .....	27P/27S
9220 – Unit pump N° 1 incorporating solenoid valve .....	27P/27S
9221 – Unit pump N° 2 incorporating solenoid valve .....	27P/27S
9222 – Unit pump N° 3 incorporating solenoid valve .....	27P/27S
9223 – Unit pump N° 4 incorporating solenoid valve .....	27P/27S
9224 – Unit pump N° 5 incorporating solenoid valve .....	27P/27S
9225 – Unit pump N° 6 incorporating solenoid valve .....	27P/27S
9226 – Engine oil temperature sensor .....	27P/27S
9230 – Camshaft speed sensor .....	27P/27S

## Electrical equipment on engine

### Layout of appliances on engine "MIDR 06.20.45 – DCI 11"

Appliance	Plate
2210 – Starter with integrated relay .....	02R/02T
2211 – Starter .....	02S
2311 – Alternator .....	01M/01N
2414 – Preheating relay .....	02N
2423 – Fuel preheater .....	02N
2452 – Preheating resistor N° 1 .....	02M
2453 – Preheating resistor N° 2 .....	02M



70 6423

## Fuel-injection electronic management

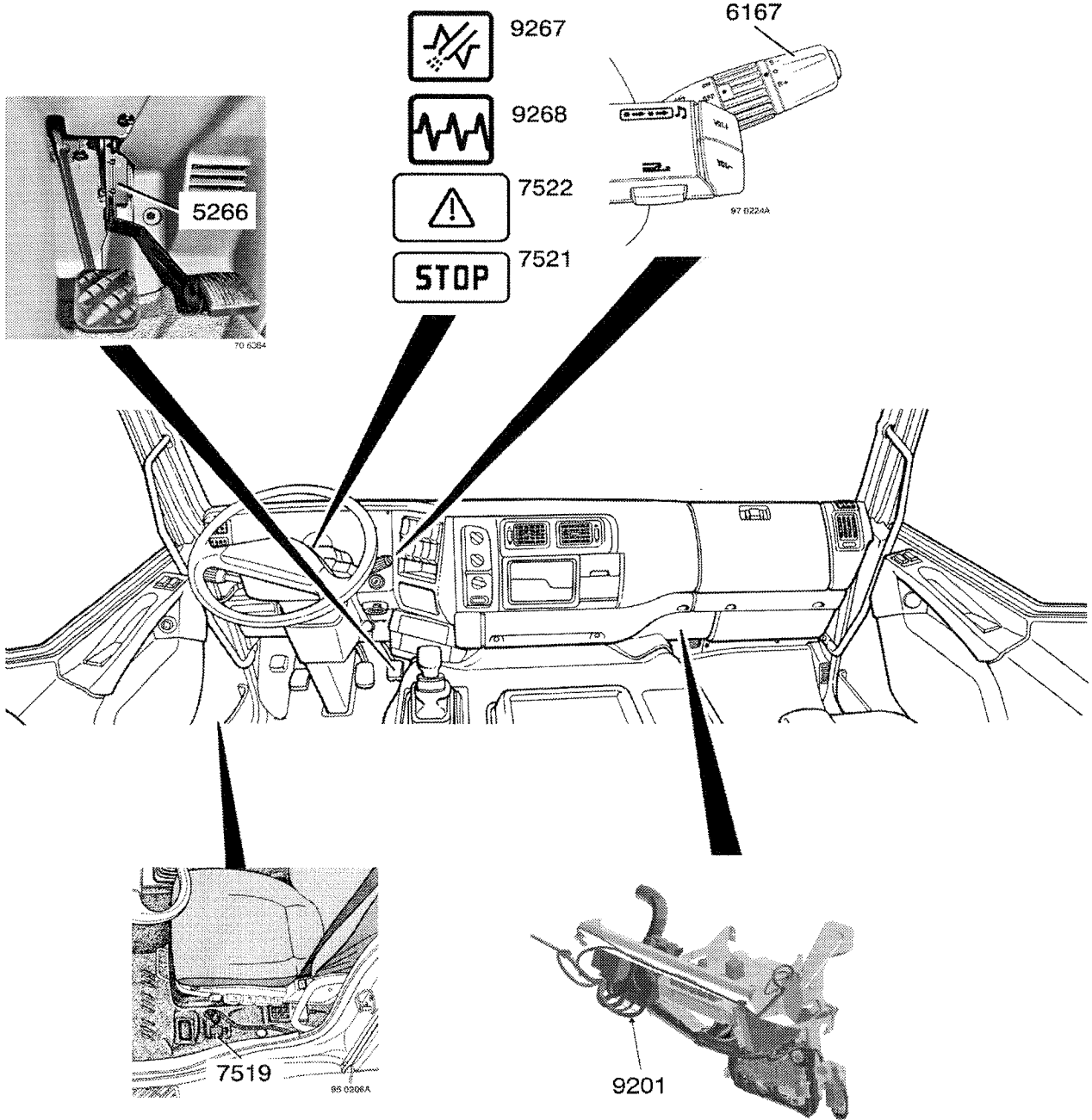
### Layout of appliances on engine "MIDR 06.02.26 – DCI 6"

Appliance	Plate
2266 – Engine stop control (cab tilted) .....	27T
7362 – Coolant temperature sensor .....	27P/27S
7368 – Oil pressure sensor .....	27S/27T
7940 – Jake brake solenoid valve N° 1 .....	27S
7941 – Jake brake solenoid valve N° 2 .....	27S
8150 – Exhaust brake electrovalve .....	27T
8228 – Declutching fan .....	27T
8261 – Engine speed sensor .....	27P/27S
8275 – Engine oil level sensor .....	27P/27S
9200 – Boost air pressure and temperature sensor .....	27P/27S
9202 – "EUP" engine master ECU (EECU) .....	27P/27S/27T
9208 – Fuel high pressure sensor .....	27P/27S
9212 – Fuel flow regulation solenoid valve "2" .....	27P/27S
9213 – Fuel flow regulation solenoid valve "1" .....	27P/27S
9220 – Unit pump N° 1 incorporating solenoid valve .....	27P/27S
9221 – Unit pump N° 2 incorporating solenoid valve .....	27P/27S
9222 – Unit pump N° 3 incorporating solenoid valve .....	27P/27S
9223 – Unit pump N° 4 incorporating solenoid valve .....	27P/27S
9224 – Unit pump N° 5 incorporating solenoid valve .....	27P/27S
9225 – Unit pump N° 6 incorporating solenoid valve .....	27P/27S
9226 – Engine oil temperature sensor .....	27P/27S
9228 – Flywheel speed sensor .....	27P/27S
9230 – Camshaft speed sensor .....	27P/27S

## Electrical equipment on engine

### Layout of appliances on engine "MIDR 06.02.26 – DCI 6"

Appliance	Plate
2210 – Starter with integrated relay .....	02R/02T
2211 – Starter .....	02S
2311 – Alternator .....	01M/01N
2414 – Preheating relay .....	02N
2423 – Fuel preheater .....	02N
2452 – Preheating resistor N° 1 .....	02M
2453 – Preheating resistor N° 2 .....	02M

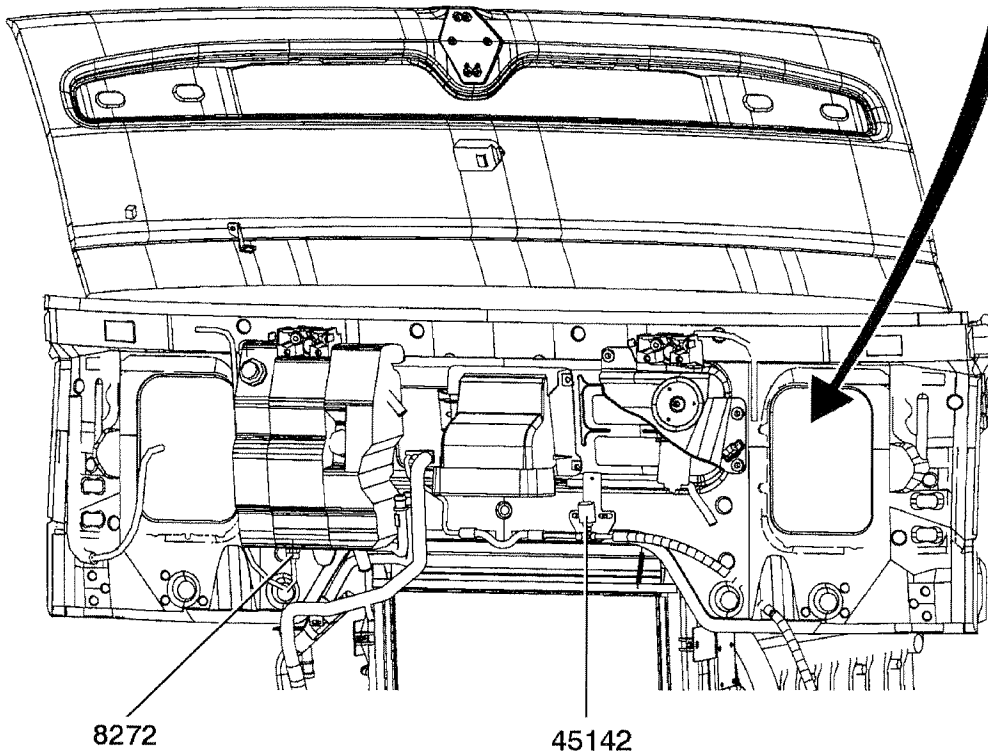
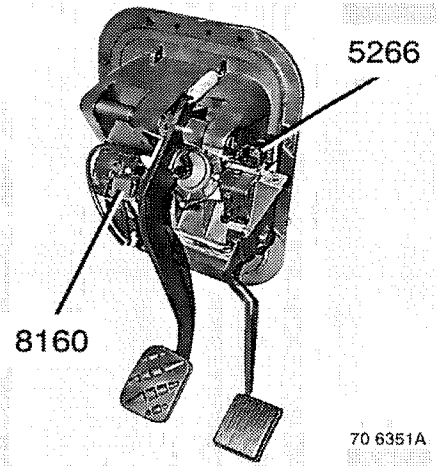


70 6383

## Fuel-injection electronic management

### Layout of appliances in cab

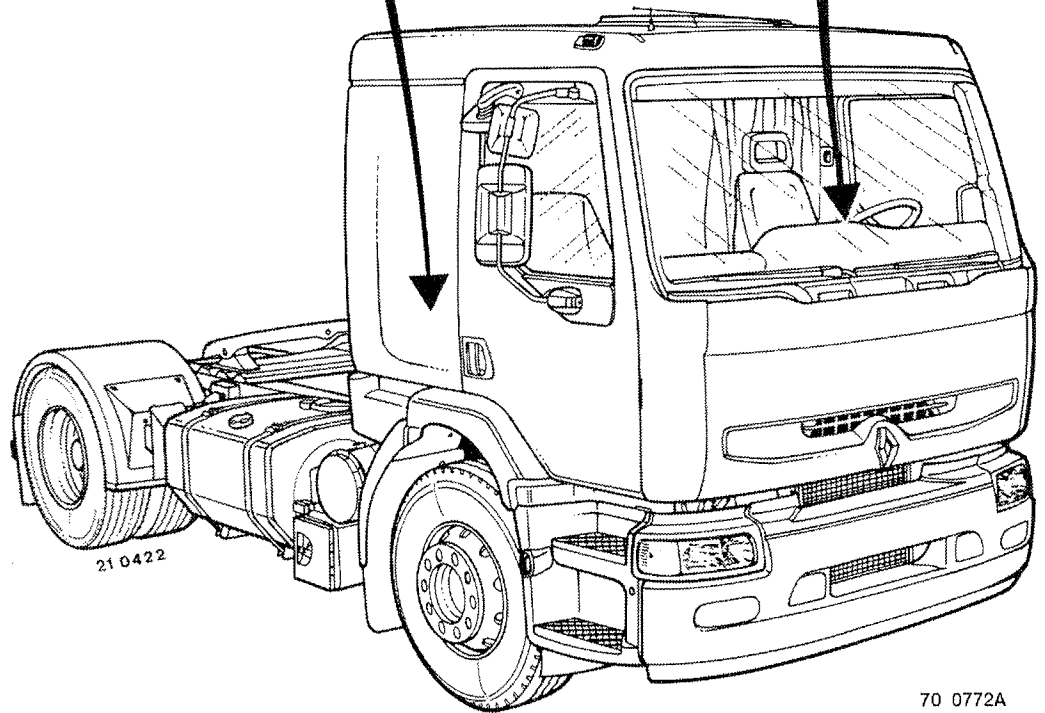
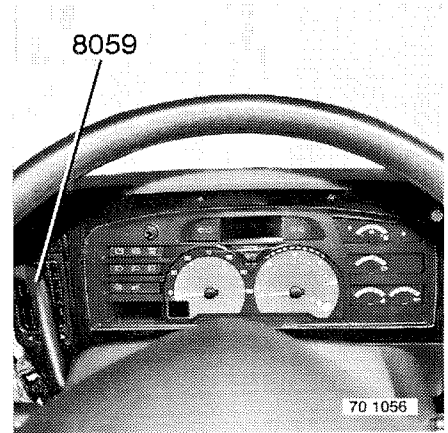
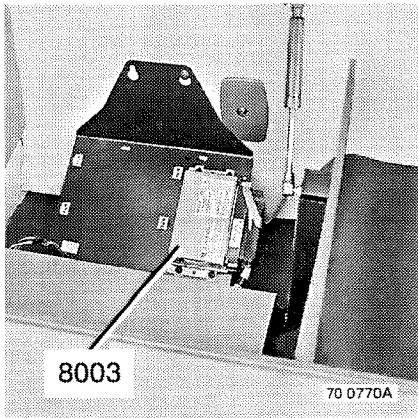
Appliance	Plate
5266 – Accelerator pedal position sensor	27M
6167 – Steering column fingertip controls (lights, signalling, windscreen wiper transponder, cruise control)	01T/04M/P/R/05M/11M
7519 – Diagnostics socket	07M
7521 – Immediate stop “DANGER” warning lamp	–
7522 – “SERVICE” warning lamp	–
7524 – “SAE” socket	07M
9201 – Vehicle master ECU (VECU)	27M/N
9267 – Vehicle major electronic defect warning lamp	–
9268 – Vehicle minor electronic defect warning lamp	–



701262

**Fuel-injection electronic management**

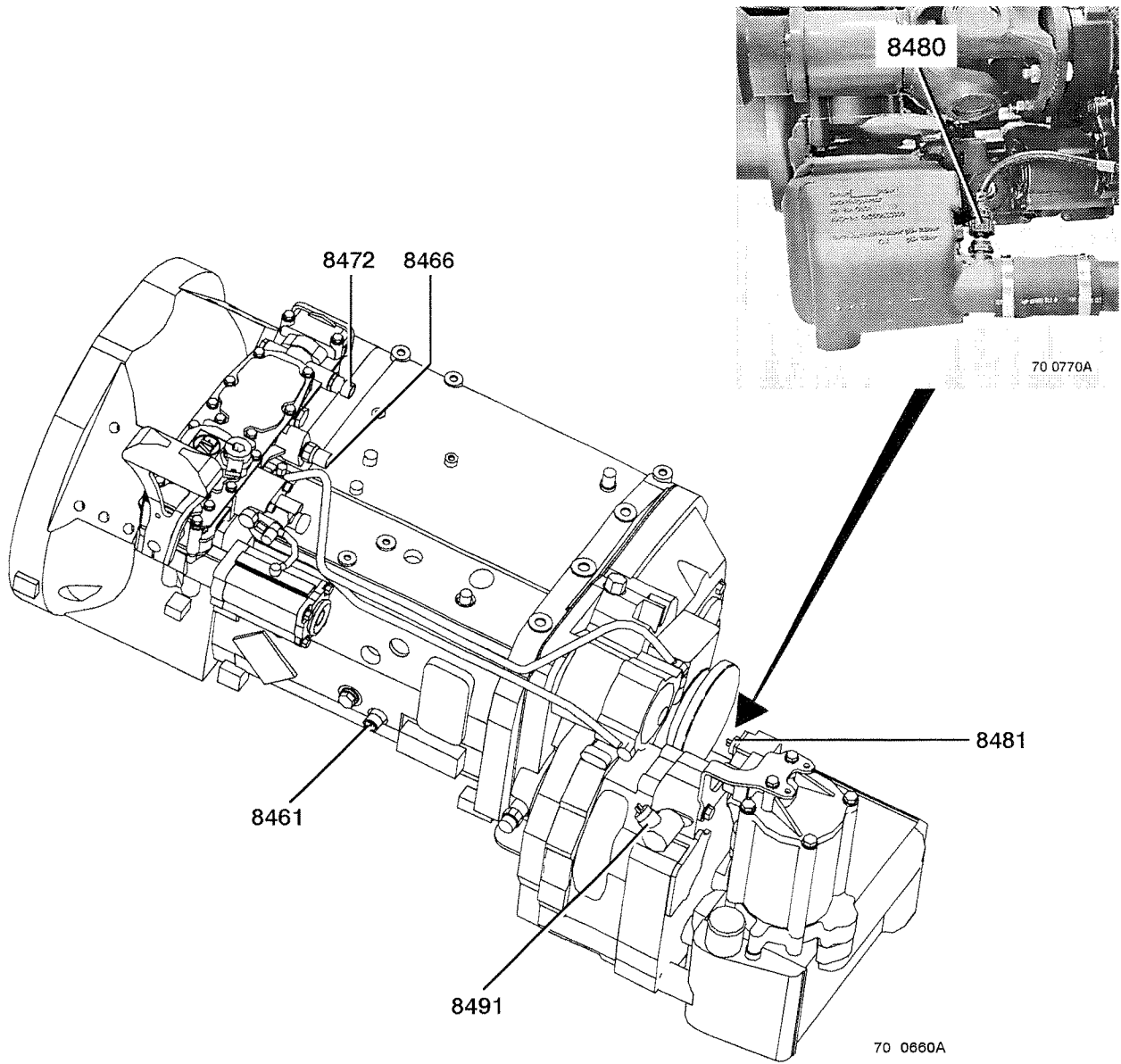
Appliance	Plate
8160 – Stop lights switch .....	05N
8272 – Water level sensor .....	27T
8644 – Clutch switch .....	05N
45142 – 3-level air conditioning pressure controller .....	27N



**Hydraulic retarder**

**Layout of appliances in cab**

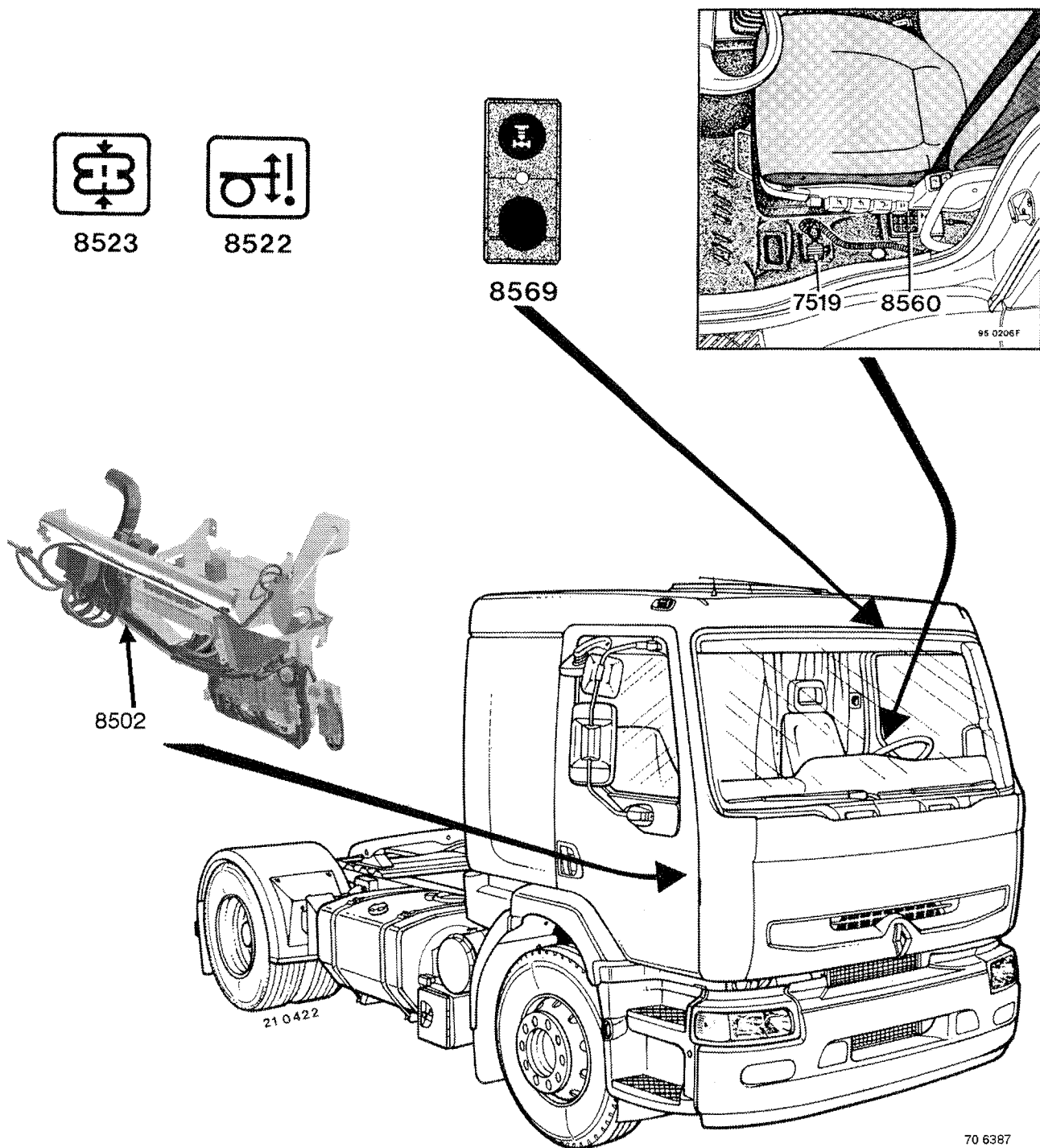
Appliance	Plate
8003 – Hydraulic retarder ECU .....	16P
8035 – Electric or hydraulic retarder warning lamp .....	16P
8059 – Electric or hydraulic retardation control .....	16P



**Hydraulic retarder**

**Layout of appliances on "ZF" gearbox**

Appliance	Plate
8461 – Vehicle speed sensor .....	02R/02S/02T/25M
8466 – Neutral switch .....	06M
8472 – Reverse gear sensor .....	05P
8480 – Hydraulic retarder cooling system temperature sensor .....	16P
8481 – Air tank electrovalve .....	16P
8491 – Hydraulic retarder proportional opening solenoid valve .....	16P

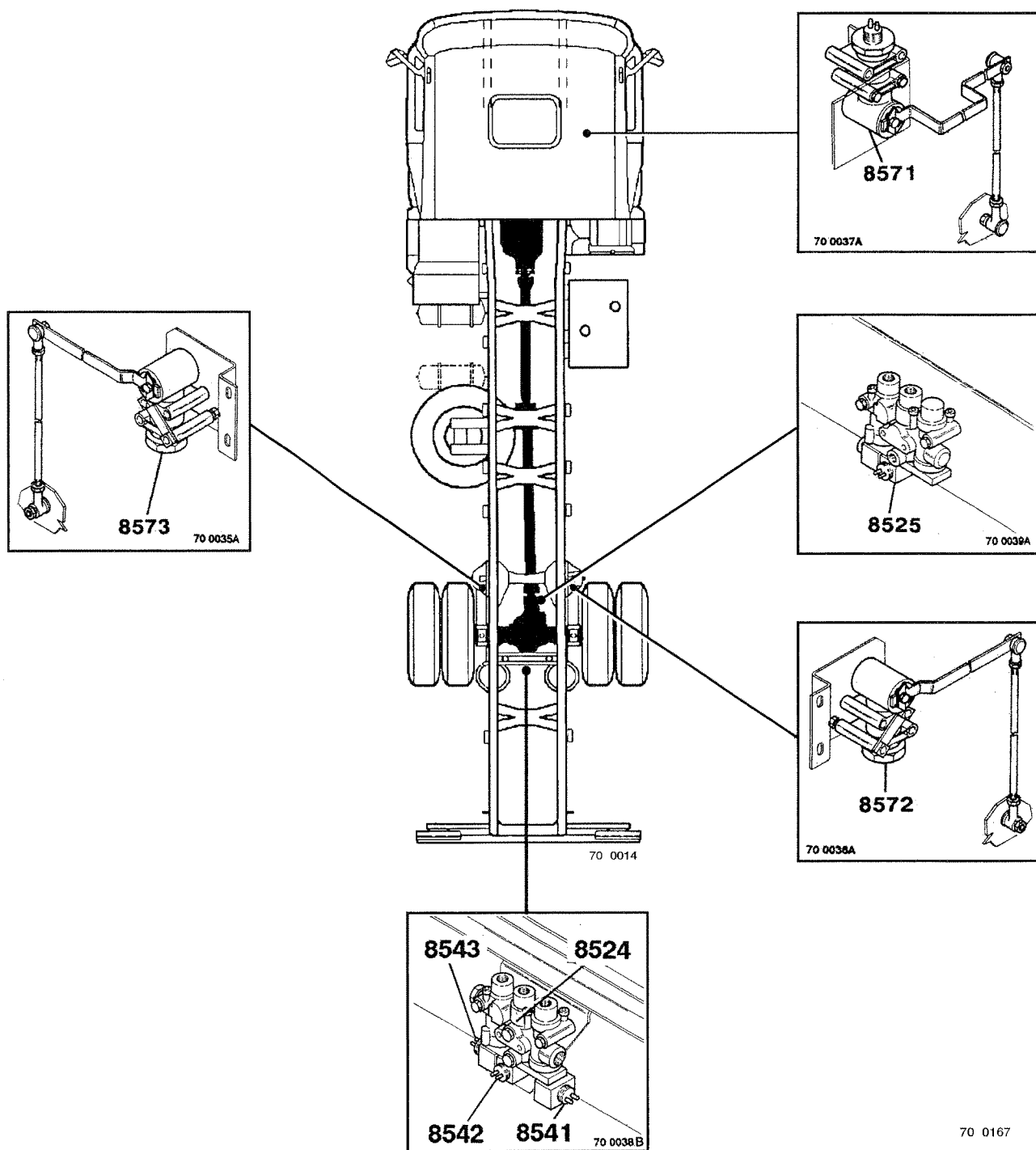


**Electronic air suspension “4x2 – 6x2 – 6x2/4”**

**Layout of appliances in cab**

Appliance	Plate
7519 – Diagnostics socket .....	07M
8522 – Suspension information warning lamp .....	19M
8523 – Suspension alert warning lamp .....	19M
8560 – Remote control box .....	28M/28N/28P/28R
8569 – Lift-up axle load shedding control .....	28M/28N/28P/28R
8502 – Suspension ECU .....	28M/28N/28P/28R

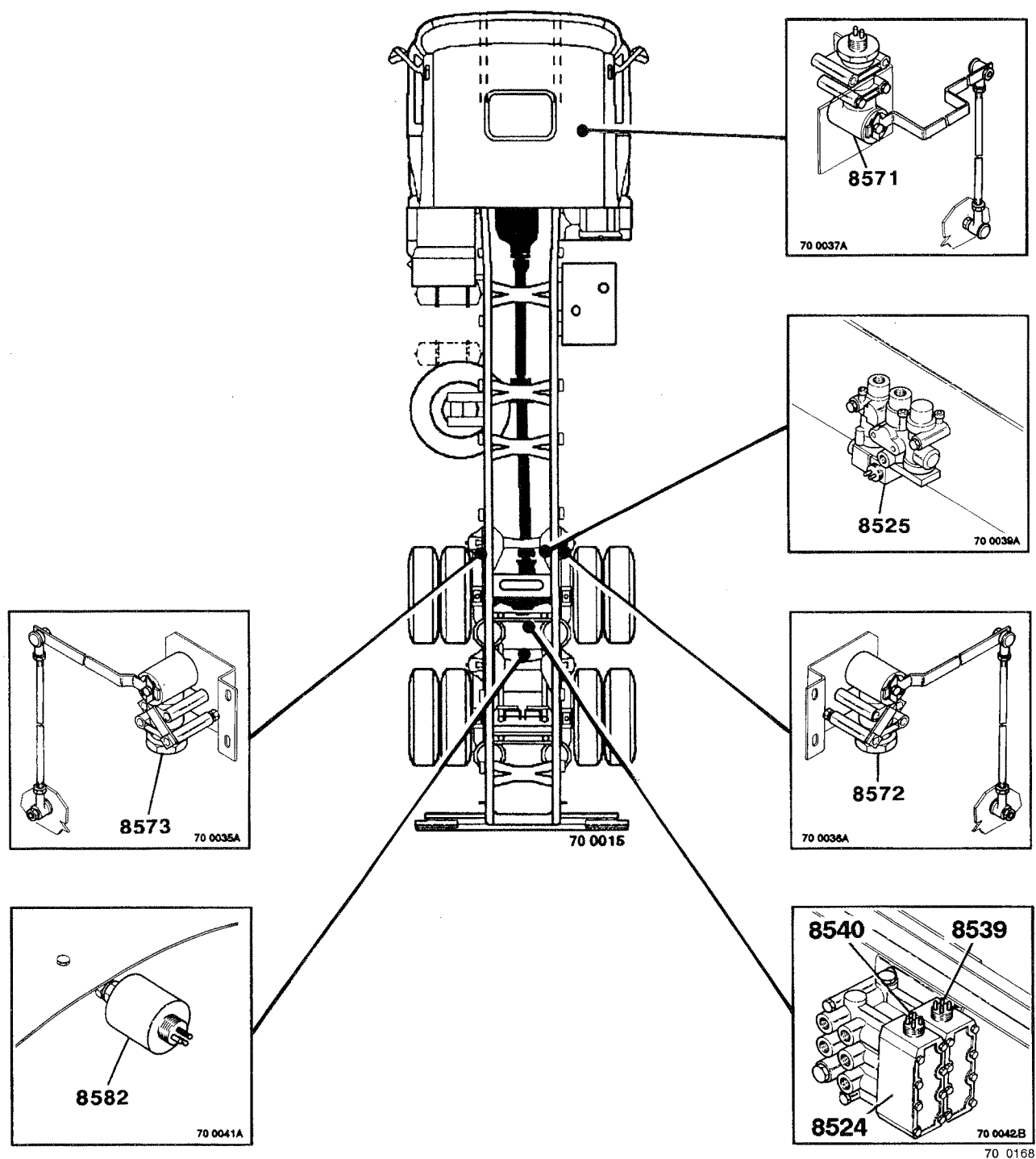




**Electronic air suspension “4x2”**

**Layout of appliances on chassis**

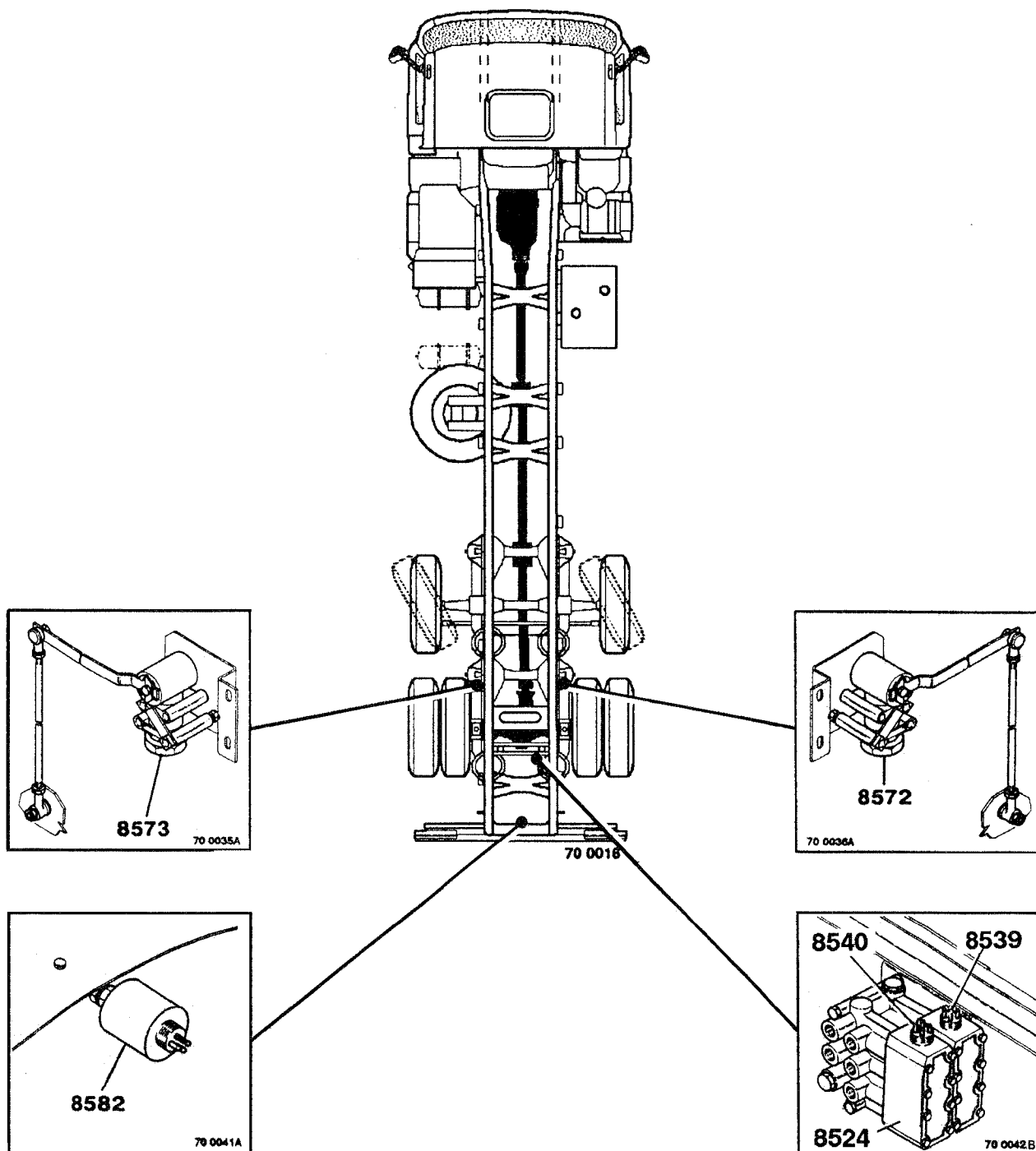
Appliance	Plate
8524 – Rear suspension electrovalve block .....	28M/28N
8525 – Front suspension electrovalve block .....	28R
8571 – Front suspension level sensor .....	28N
8572 – Suspension level RH rear sensor .....	28M/28N
8573 – Suspension level LH rear sensor .....	28N
8541 – Rear air springs main electrovalve .....	–
8542 – Rear air spring electrovalve (RH side) .....	–
8543 – Rear air spring electrovalve (LH side) .....	–



### Electronic air suspension "6x2"

#### Layout of appliances on chassis

Appliance	Plate
8524 – Rear suspension electrovalve block .....	28R
8525 – Front suspension electrovalve block .....	28R
8539 – Rear suspension electrovalves block (drive axle) .....	28R
8540 – Rear suspension electrovalves block (axle) .....	—
8571 – Front suspension level sensor .....	28R
8572 – Suspension level RH rear sensor .....	28R
8573 – Suspension level LH rear sensor .....	28R
8582 – Rear axle air springs pressure sensor .....	28P



70 0169

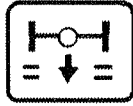
### Electronic air suspension "6x2/4"

#### Layout of appliances on chassis

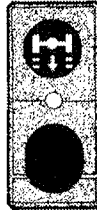
Appliance	Plate
8524 – Rear suspension electrovalve block .....	28P
8539 – Rear suspension electrovalve block (drive axle) .....	28P
8540 – Rear suspension electrovalves block (axle) .....	–
8572 – Suspension level RH rear sensor .....	28P
8573 – Suspension level LH rear sensor .....	28P
8582 – Rear axle air springs pressure sensor .....	28P



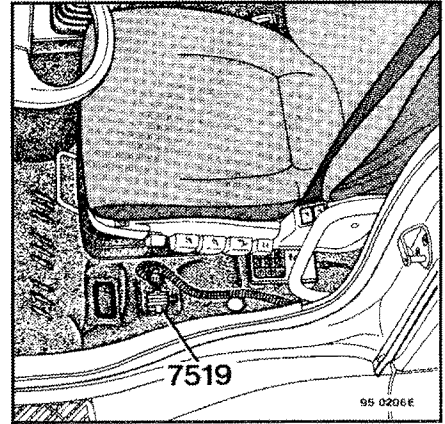
8011



8020

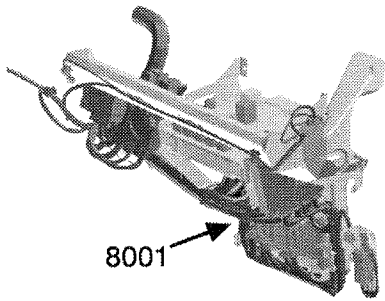


8060

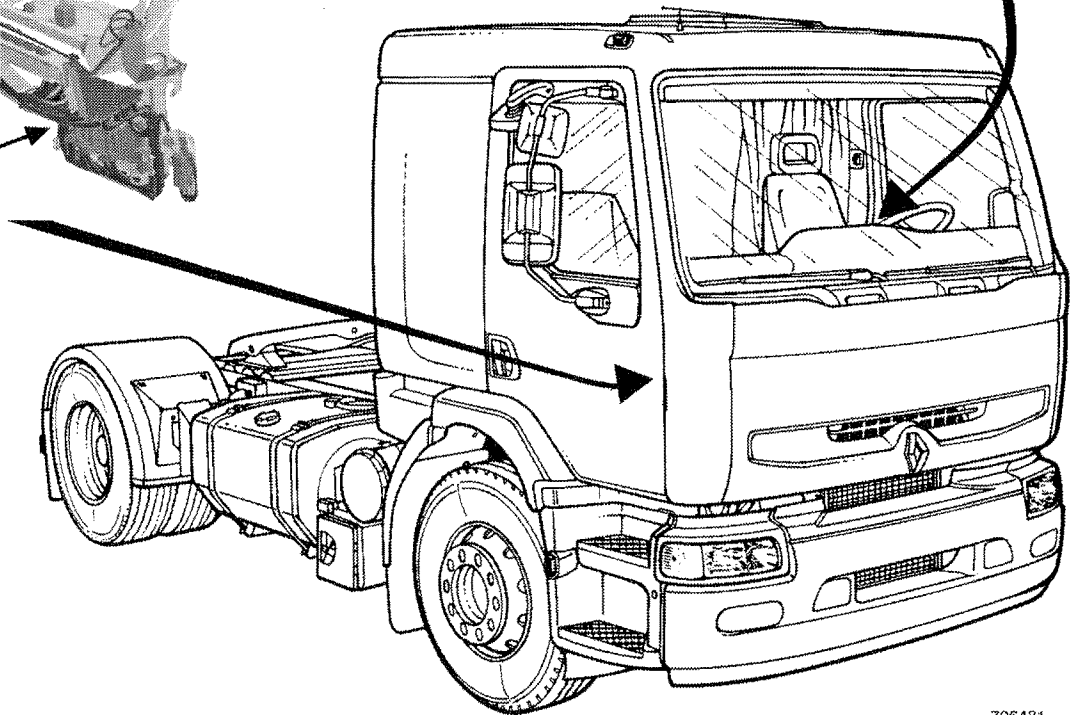


7519

95 0206E



8001



706431

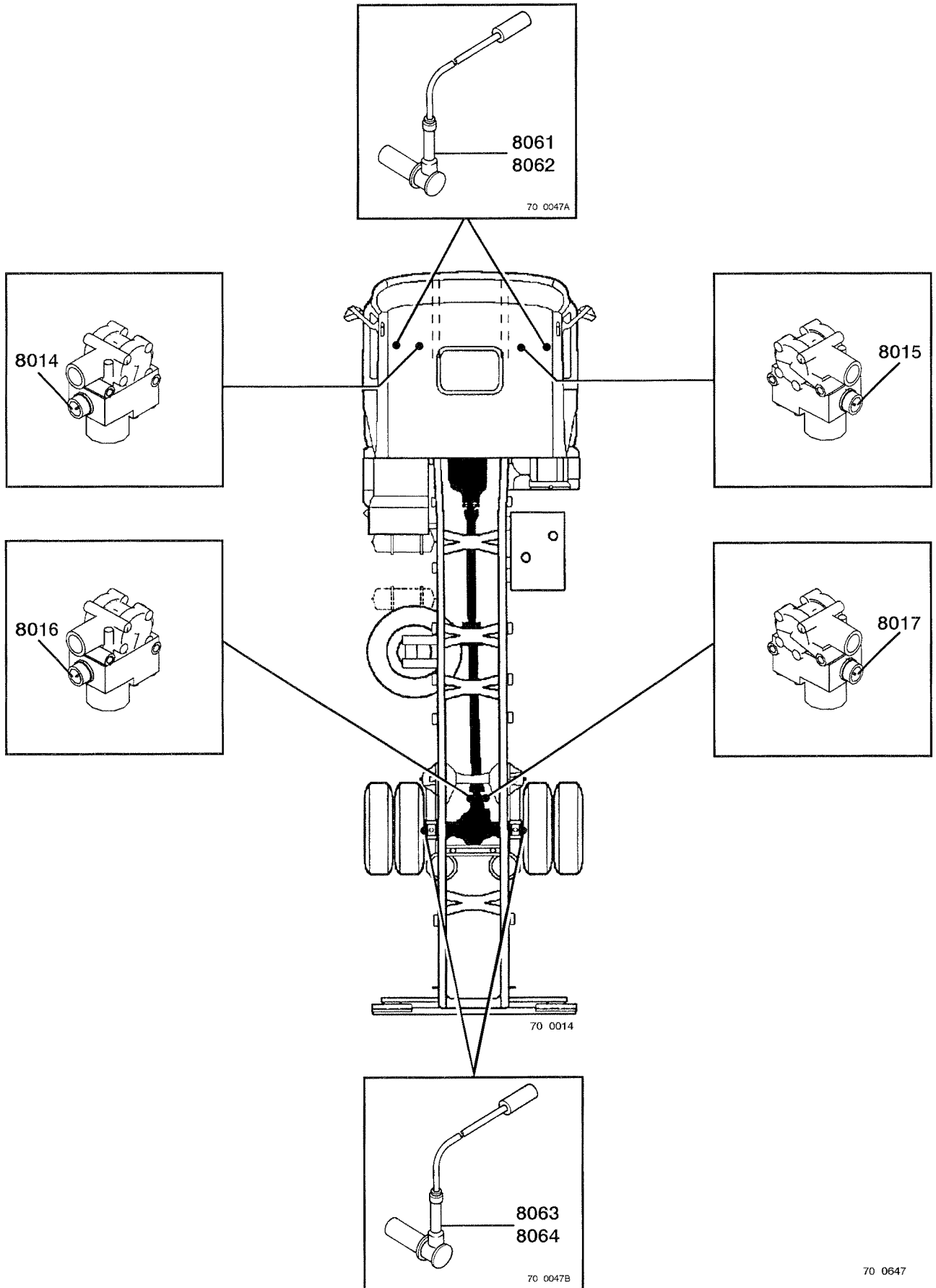
**Equipment ABS / ASR “4x2 – 6x2 – 6x2/4”**

**Layout of appliances in cab**

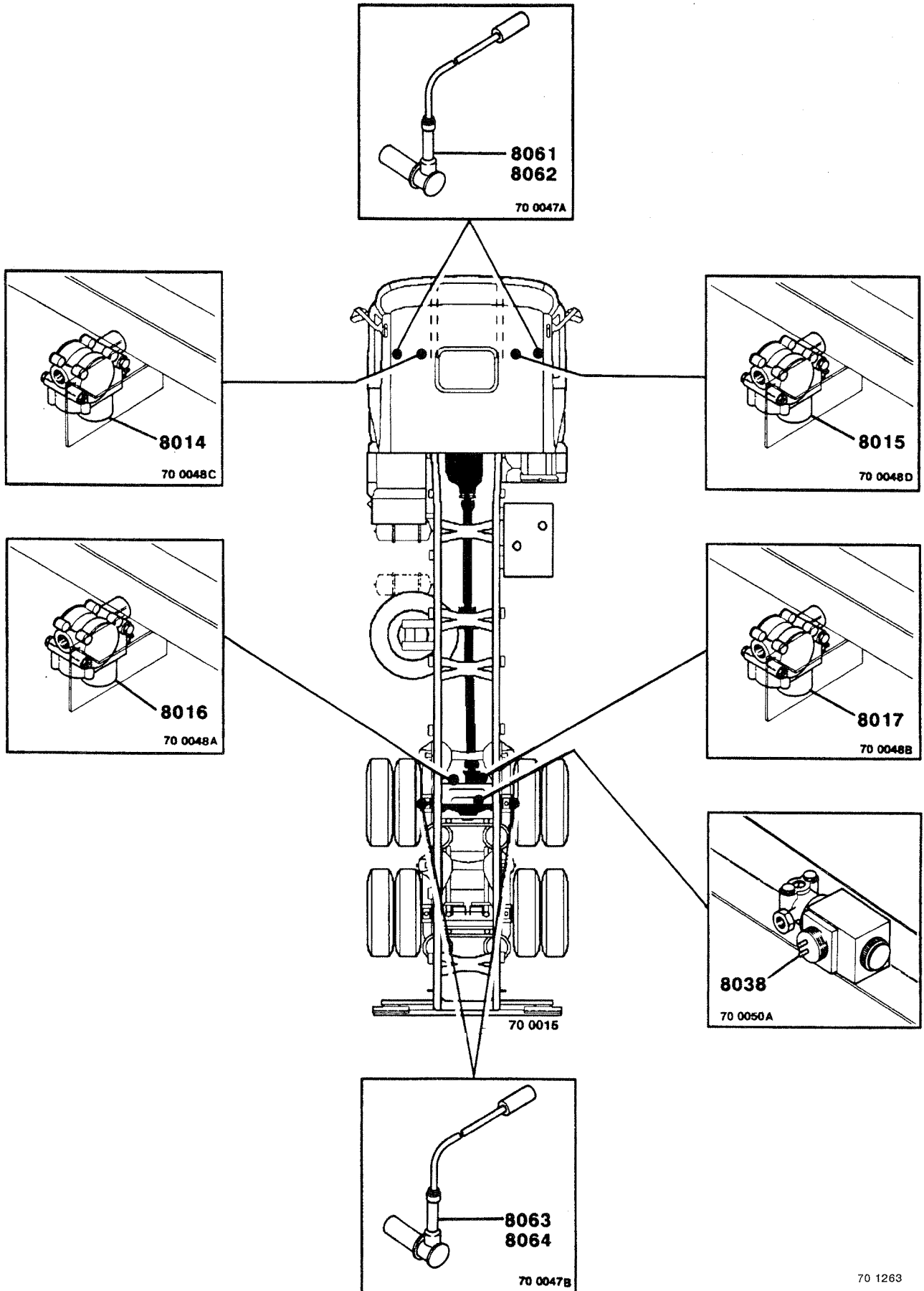
Appliance	Plate
7519 – Diagnostics socket .....	07M
8001 – ABS/ASR ECU .....	20M/20N/20P/20R/20S
8011 – ABS safety warning lamp .....	–
8020 – Roadwheels slipping or ASR in operation warning lamp .....	–
8060 – ASR off-road control .....	20P

**Equipment ABS / ASR "4x2 – 6x2 – 6x2/4"****Layout of appliances on chassis**

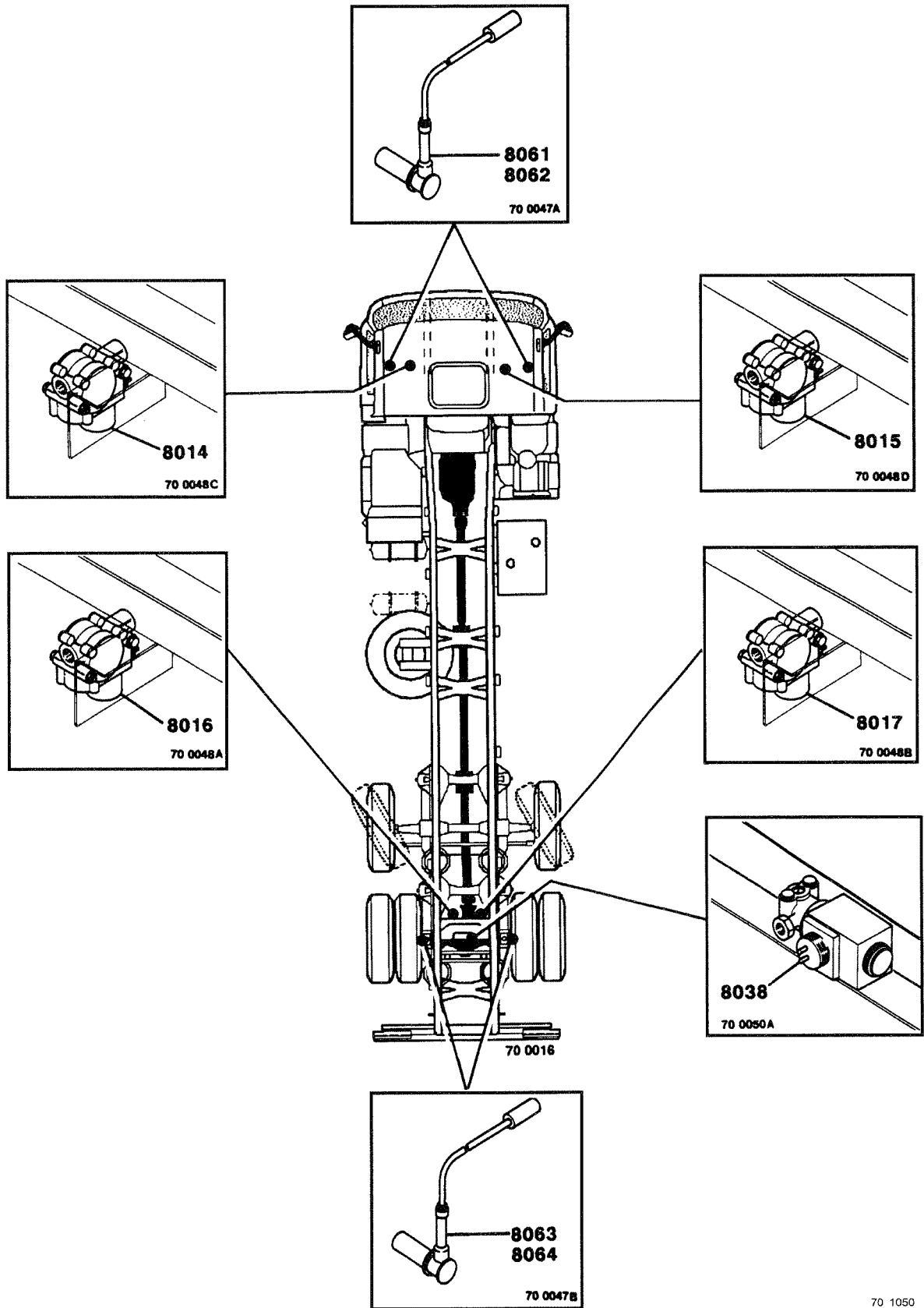
<b>Appliance</b>	<b>Plate</b>
8014 – ABS LH front roadwheel electrovalve .....	20M/20N/20P
8015 – ABS RH front roadwheel electrovalve .....	20M/20N/20P
8016 – ABS LH rear roadwheel electrovalve .....	20M/20N/20P
8017 – ABS RH rear roadwheel electrovalve .....	20M/20N/20P
8038 – ASR LH relay .....	20M
8061 – ABS LH front roadwheel sensor .....	20M/20N/20P
8062 – ABS RH front roadwheel sensor .....	20M/20N/20P
8063 – ABS LH rear roadwheel sensor .....	20M/20N/20P
8064 – ABS RH rear roadwheel sensor .....	20M/20N/20P



Equipment ABS / ASR "4x2"



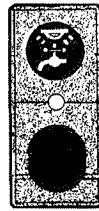
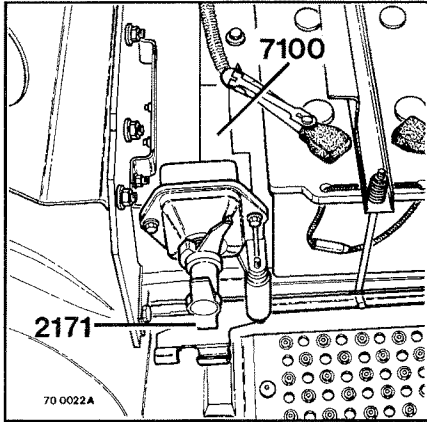
Equipment ABS / ASR "6x2"



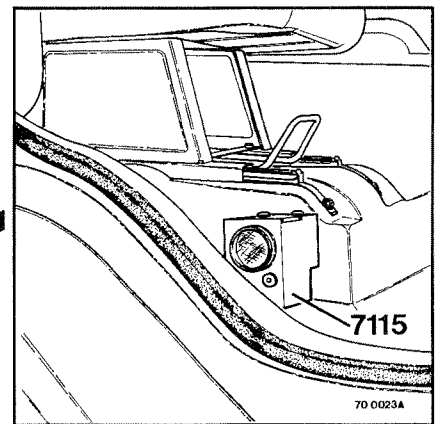
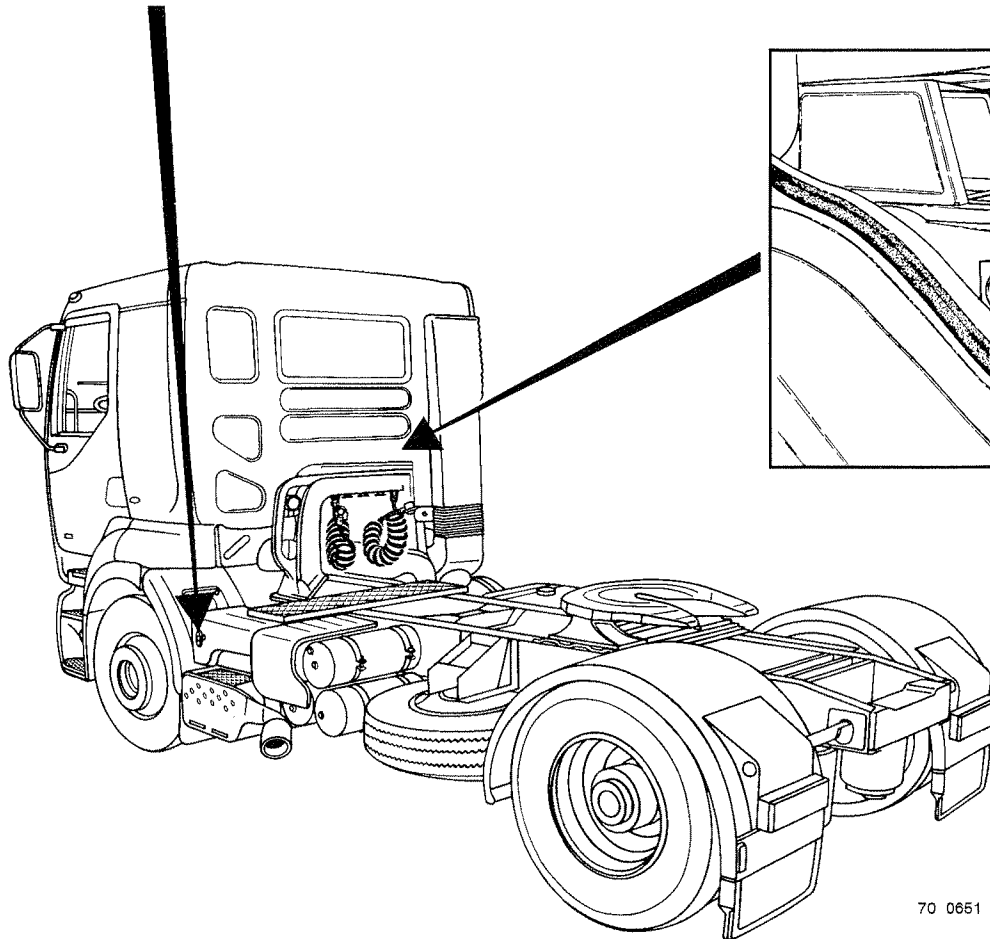
70 1050

Equipment ABS / ASR "6x2/4"





5561



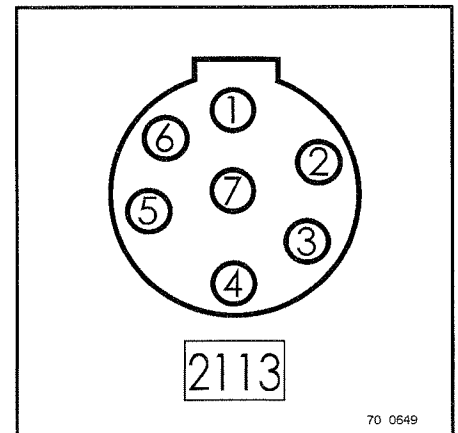
70 0651

**ADR equipment**

Appliance	Plate
2171 – ADR master switch .....	01S
5561 – Gate valves illumination control .....	10M
7100 – Current limiter .....	01S
7115 – Hourmeter .....	19P

**Trailer sockets****2113 – Trailer socket, 7–pin type 24 N**

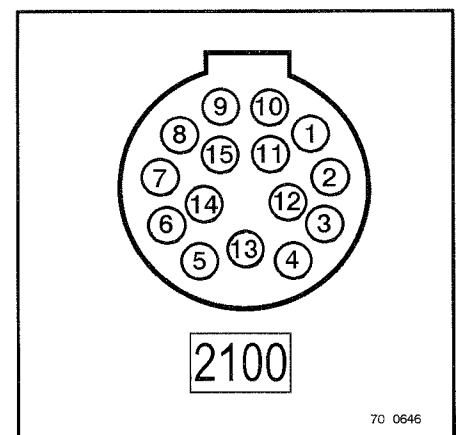
Terminal	Assignment	Fuse	Amp
1	Earth	–	–
2	Trailer LH side/parking lights	F4	10A
3	Trailer LH flashing lights	F34	20A
4	Trailer stop lights	F27	10A
5	Trailer RH flashing lights	F34	20A
6	Trailer RH side/parking lights	F4	10A
7	Available	–	–



70 0549

**2100 – Trailer socket, 15–pin**

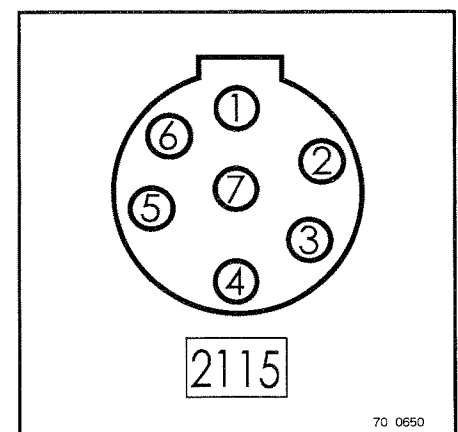
Terminal	Assignment	Fuse	Amp
1	Trailer LH flashing lights	F34	20A
2	Trailer RH flashing lights	F34	20A
3	Trailer fog lights	F8	10A
4	Earth	–	–
5	Trailer LH side/parking lights	F4	10A
6	Trailer RH side/parking lights	F4	10A
7	Earth	–	–
8	Trailer RH flashing lights	F34	20A
9	Trailer fog lights	F43	10A
10/15	Available	–	–



70 0646

**2115 – Trailer socket, 7–pin type 24 S**

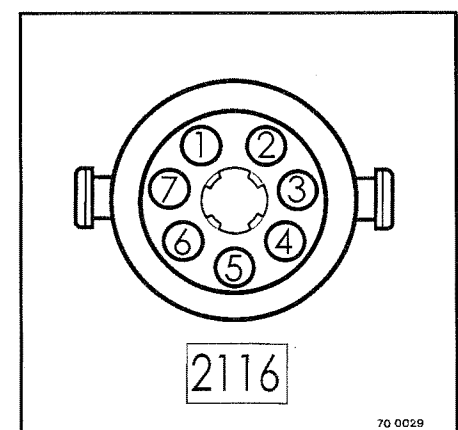
Terminal	Assignment	Fuse	Amp
1	Earth	–	–
2	Available	–	–
3	Trailer reversing lights	F16	10A
4	Trailer + 24V power supply	F43	10A
5	Trailer "EBS" safety warning light	–	–
6	Trailer + 24V power supply	F1	10A
7	Trailer fog lights	F8	10A



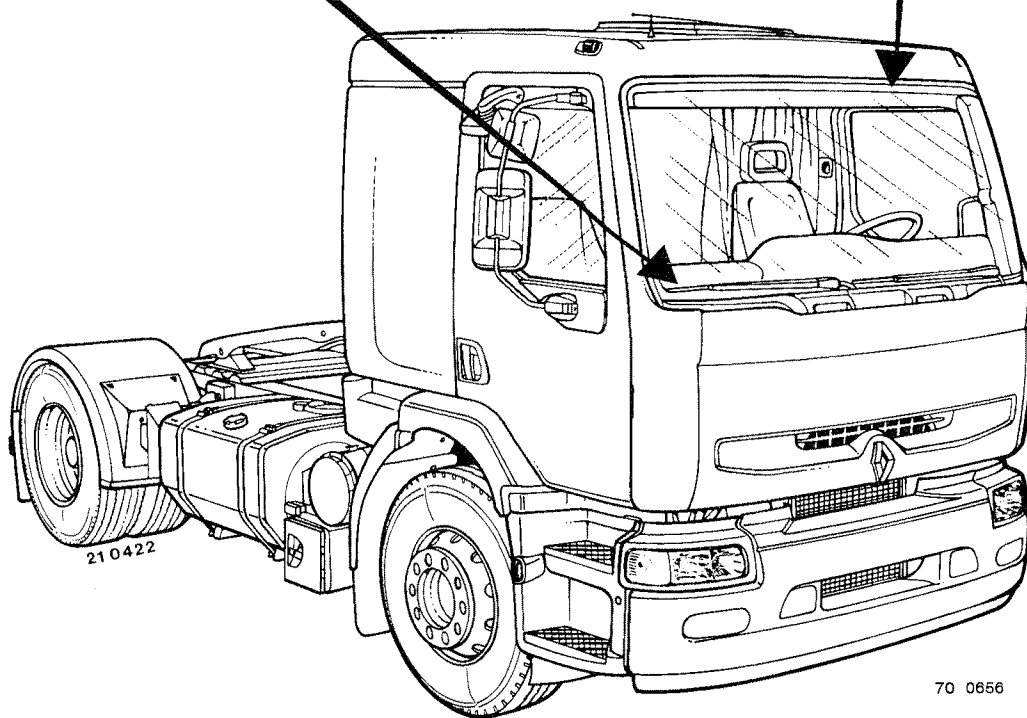
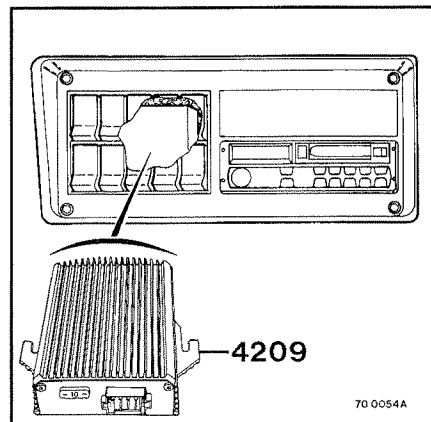
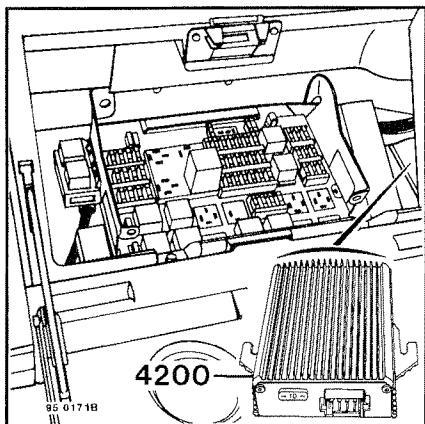
70 0650

**2116 – Trailer socket, 7–pin type "ABS / EBS"**

Terminal	Assignment	Fuse	Amp.
1	Available power supply (after master switch)	F36	20A
2	Available power supply (after ignition)	F1	10A
3	Earth	–	–
4	Earth	–	–
5	Trailer ABS safety warning lamp	–	–
6	Available	–	–
7	Available	–	–



70 0029



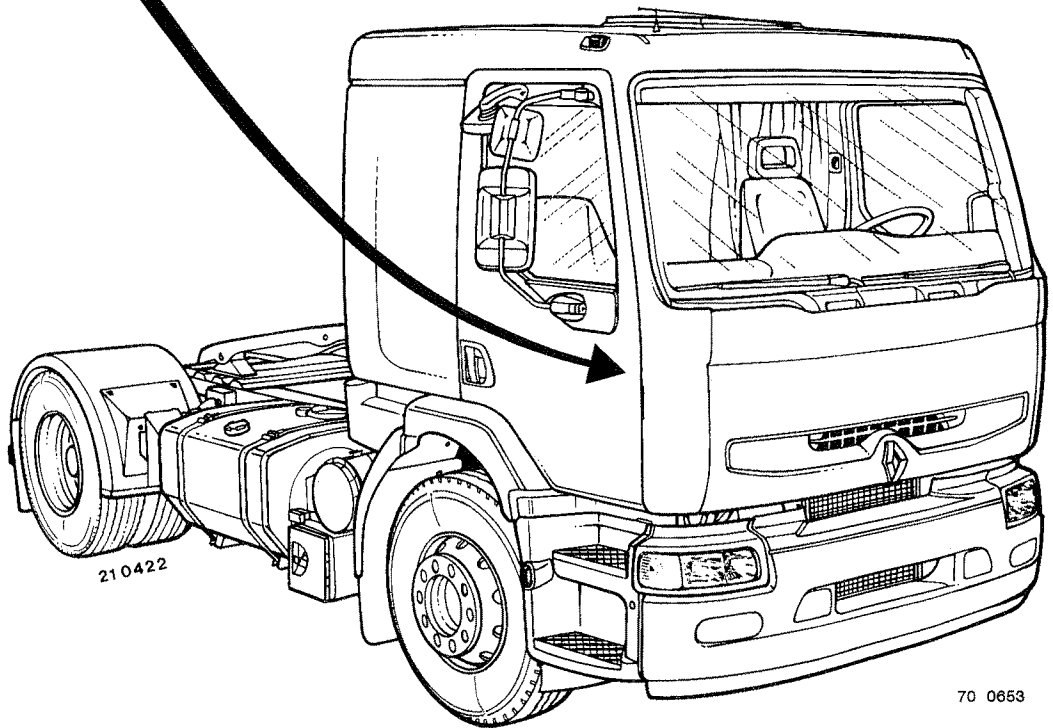
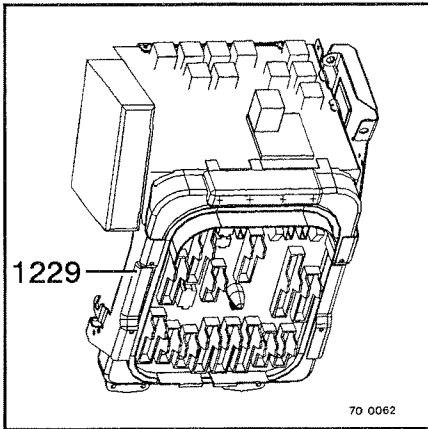
**Voltage dropper**

**Layout of appliances in cab**

**Appliance**

**Plate**

4200 – Voltage dropper (12 Volt socket) .....	14M
4209 – Voltage dropper (telecommunications) .....	14P



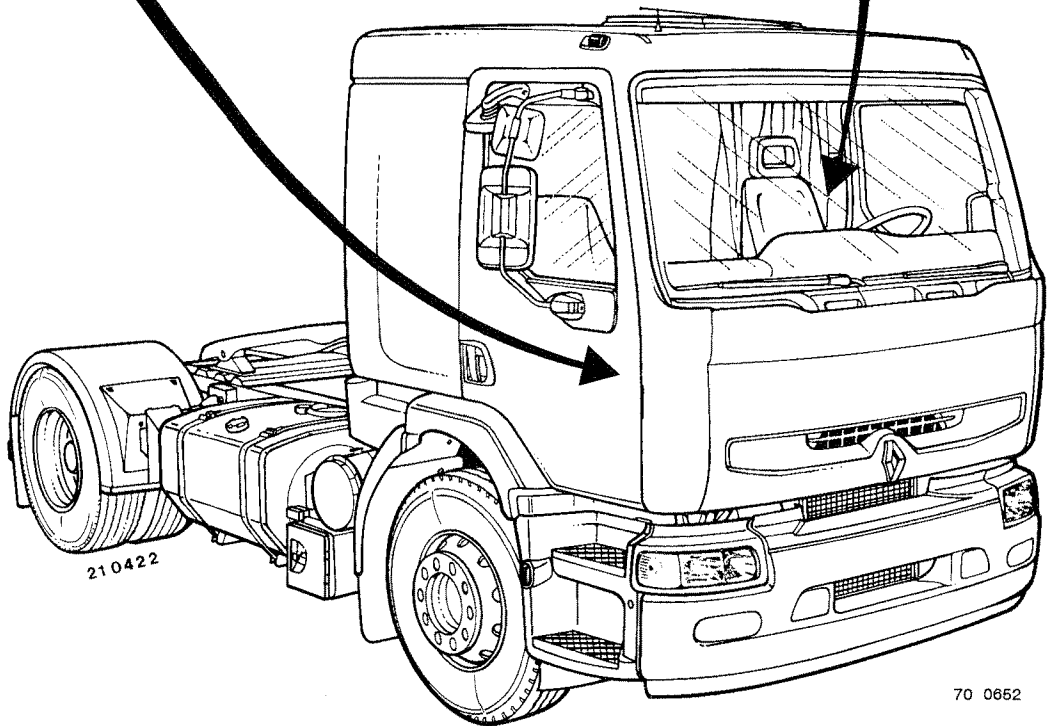
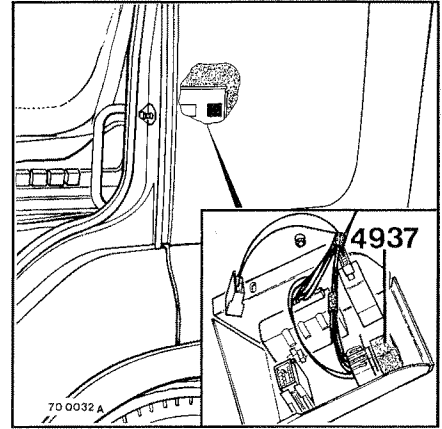
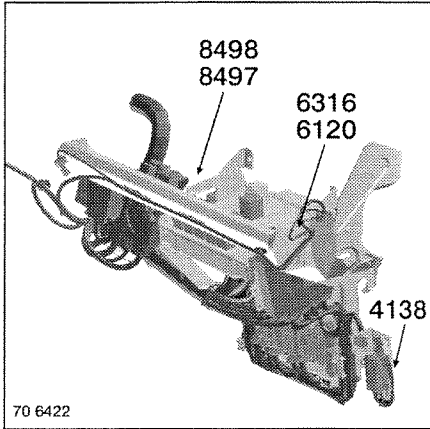
**Connection unit**

**Layout of appliances in cab**

**Appliance**

**Plate**

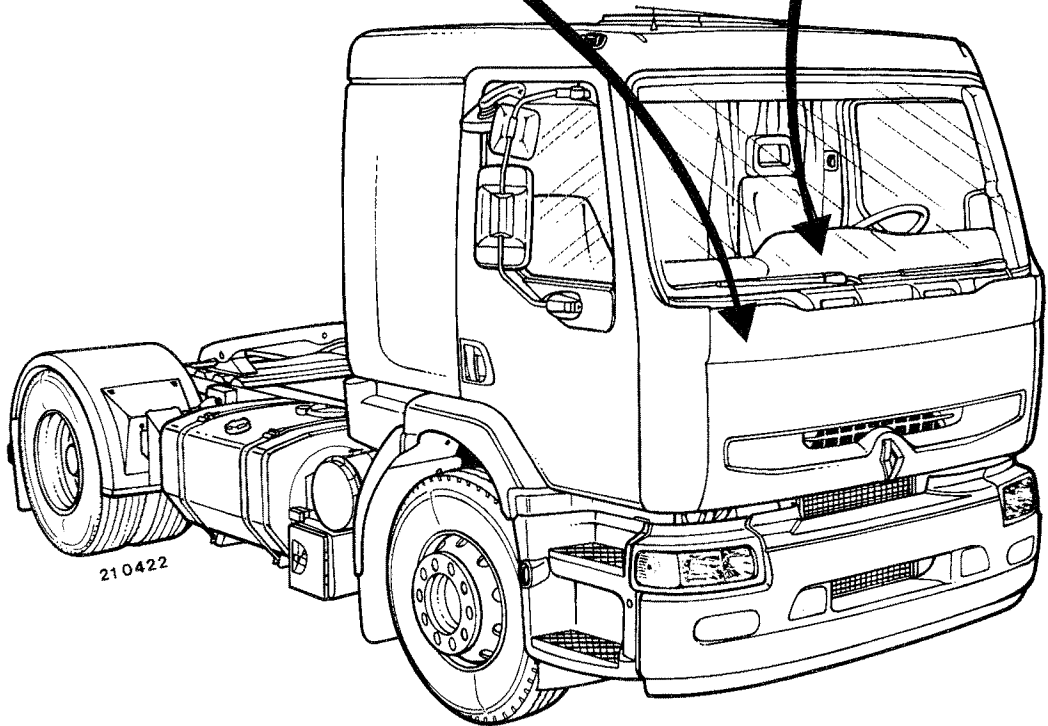
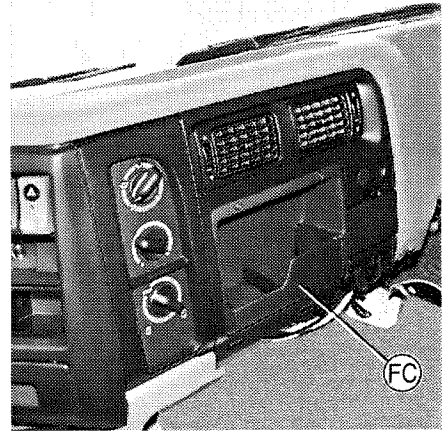
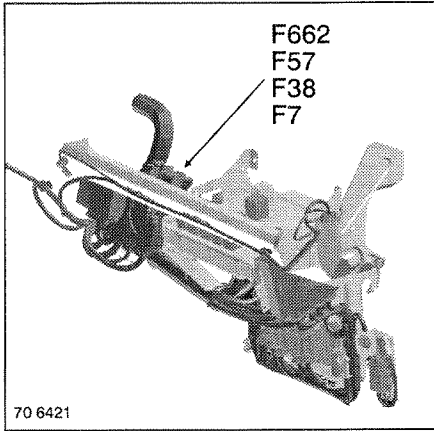
1229 – Chassis–cab connection unit .....	–
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**Relays away from connection unit**

**Layout of appliances in cab**

<b>Appliance</b>	<b>Plate</b>
4138 – Windscreen defrosting time–delay relay .....	14R
4937 – Independent heater relay .....	17M
6120 – Daytime lights relay .....	04S
6316 – Astronic reversing lights relay .....	05P

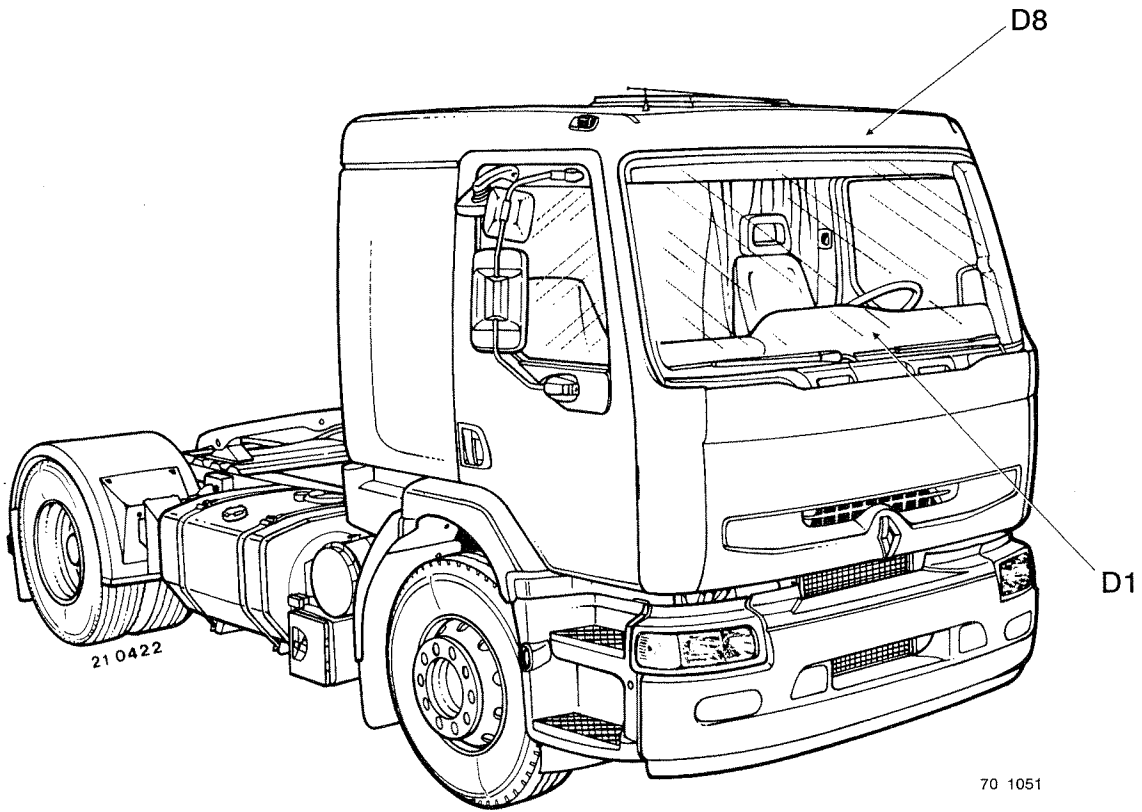


21 0422

70 6419

**Fuses away from connection unit**

Appliance	Plate
F57 – Engine master ECU fuse .....	27T/27R
F38 – Engine master ECU fuse .....	27N
F7 – Vehicle master ECU (VECU) fuse .....	27T/27R
F662 – Hydraulic retarder ECU fuse .....	16P
Fc – Air conditioning fuse .....	17N



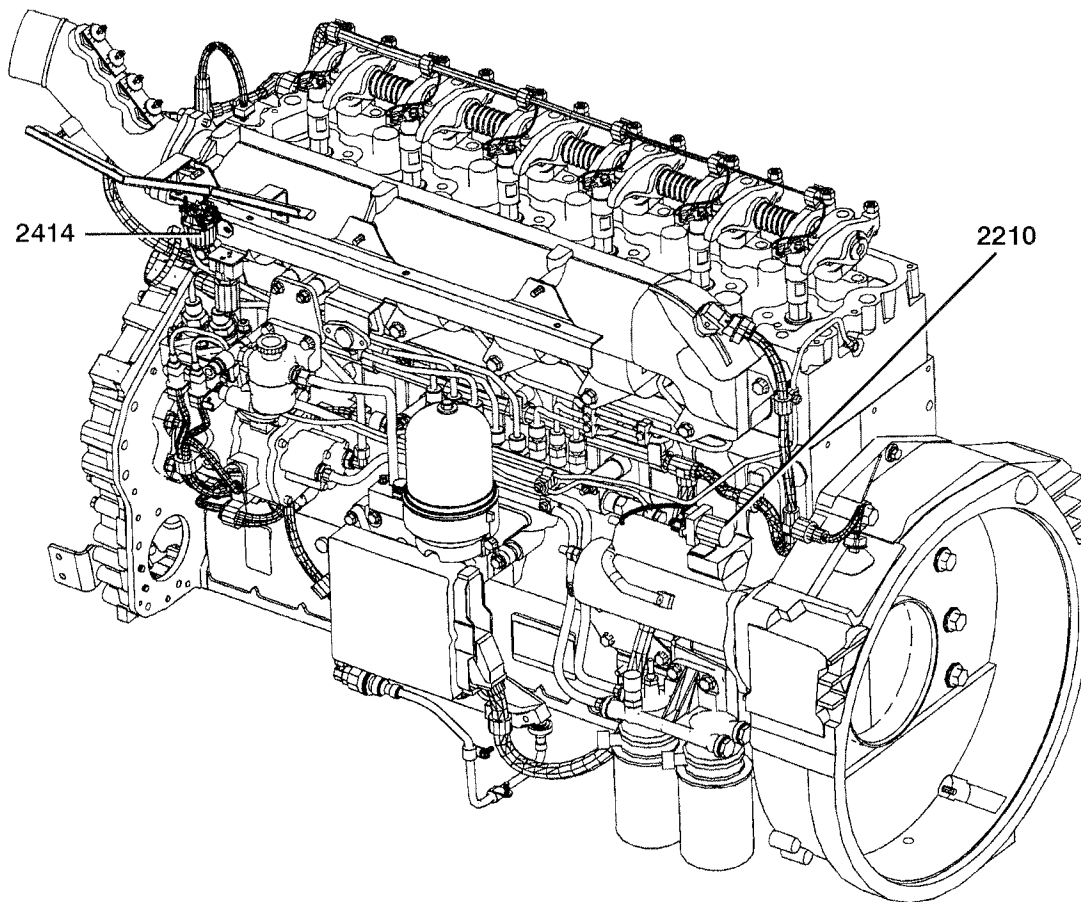
**Diodes away from connection unit**

**Layout of appliances in cab**

**Assignment**

**Plate**

D1 – Astronic and/or alarm diode .....	—
D8 – Infra-red remote control safety diode “TIR” .....	08M



70 0643A

## Relays away from connection unit

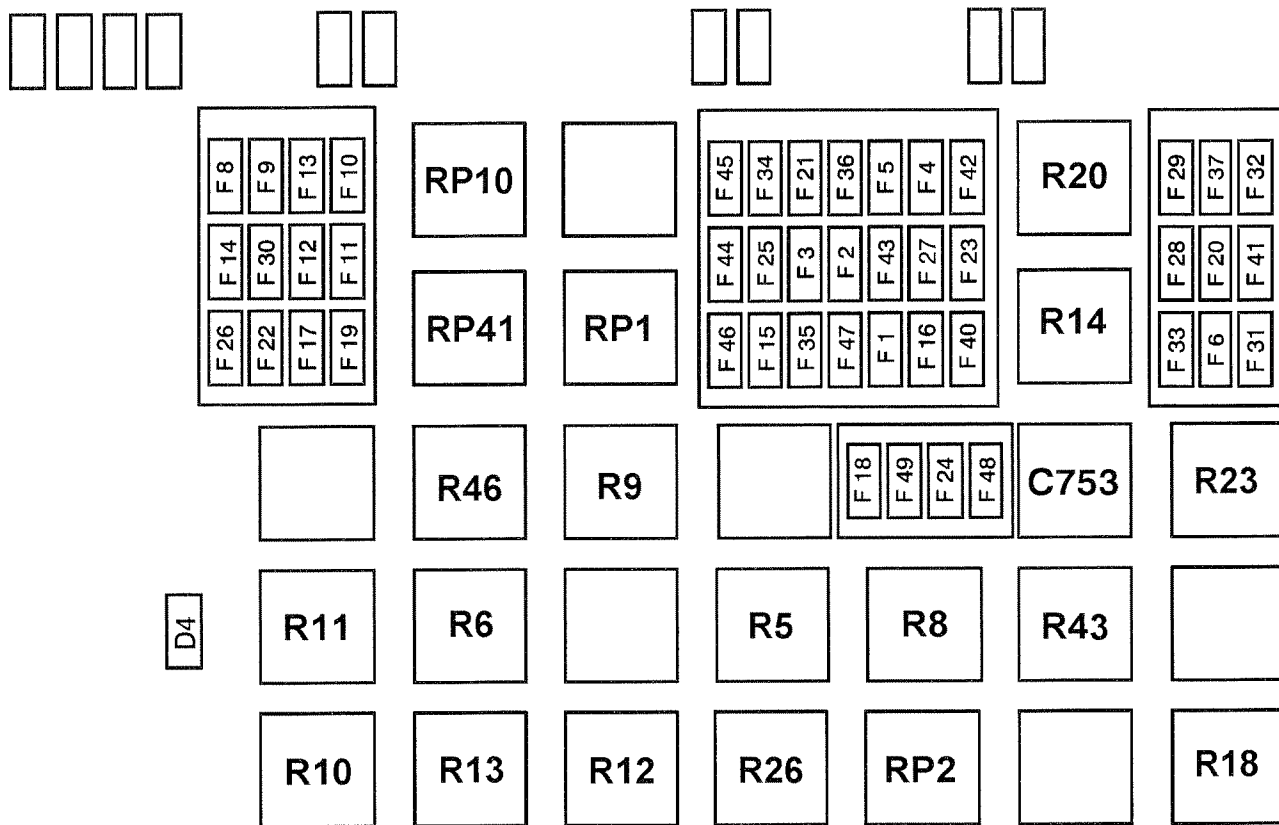
Layout of appliances on engine "MIDR 06.20.45 – DCI 11"

Appliance	Plate
2210 – Starter with integrated relay .....	02R/02T
2414 – Preheating relay .....	02N



**FUSES / RELAYS / DIODES**

## FUSES



70 0896

## Table of fuses on connection unit

Assignment	Item	Amp.	Folio
Trailer socket 7-pin ("ABS")	F1	10	01P
"ABS-ASR" ECU	F1	10	01P
"EBS" ECU	F1	10	01P
Electric retarder cut-off relay	F1	10	01P
Hydraulic retarder cut-off relay	F1	10	01P
Principal display	F1	10	01P
RH side/parking lights	F2	10	04M
RH marker lights	F2	10	04M
LH side/parking lights	F3	10	04M
LH marker lights	F3	10	04M
Trailer side/parking lights	F4	10	15M/P
Available power supply (lighting)	F5	10	30M
Dashboard instruments lighting	F6	10	04N
Switch lighting	F6	10	04N
Fog light(s)	F8	10	04R
Fog lights warning light	F8	10	04R
Fog driving lights	F9	10	04R
RH main beam headlight	F10	10	04P
LH main beam headlight	F11	10	04P
LH dipped beam headlight	F12	10	04P
RH dipped beam headlight	F13	10	04P
Long beam driving lights	F14	10	04S
Windscreen wiper speed controller	F15	10	01P
Clutch switch and stop lights switch	F16	10	01P
Reversing lamp(s)	F16	10	01P

## FUSES

### Table of fuses on connection unit

Assignment	Item	Amp.	Folio
Brake pads wear relay	F16	10	01P
Dashboard warning lights power supply	F16	10	01P
Defrosting rearview mirror control	F16	10	01P
Radio	F17	20	14M
Independent heater	F18	15	01R
Air conditioning relay	F18	15	01R
Automatic gearbox ECU	F18	15	01R
Fuel filter preheater	F19	25	03M
Revolving beacons	F20	10	05P
Roof air vent motor	F20	10	05P
Available power supply 24 V	F21	20	14R
Power supply (after master switch)	F21	20	14R
Voltage dropper (extra 12V socket)	F21	20	14R
Stowage pack	F21	20	14R
Refrigerator	F21	20	14R
Independent heater "AT2000"	F22	20	17M/P/R/S
Independent heater "Thermo 90 S"	F22	20	17M/P/R/S
Driver's overhead light	F23	10	10N
Passenger(s) overhead light	F23	10	10N
Bottom bunk overhead light	F23	10	10N
Top bunk overhead light	F23	10	10N
Step light	F23	10	10N
Map reader	F23	10	10N
Voltage dropper (telecommunications)	F23	10	10N
Driver's window winder motor	F24	20	08P
Passenger's window winder motor	F24	20	08P
Tachograph clock	F25	5	06M
Horn	F26	10	05M
Stop lights	F27	10	05M
Trailer stop lights	F27	10	05N
"ABS-ASR" ECU	F28	20	20N/M/P/R
LH swivelling defrosting rearview mirror	F29	10	09M
RH swivelling defrosting rearview mirror	F29	10	09M
Heated driver's seat	F30	20	14M
Heated passenger seat	F30	20	14M
Cigar lighter	F30	20	14M
Headlamps adjustment motors	F30	20	14M
Voltage dropper (12V socket)	F30	20	14M
Daytime lights relay	F31	20	04S
Windscreen wiper motor	F32	20	11M
Windscreen washer pump	F32	20	11M
Headlamps washer pump	F32	20	11M
Diagnostics socket	F33	10	07M
Suspension ECU	F33	10	07M
Flasher unit	F34	15	01R/S
Independent heater programming control	F34	15	01R/S
Hazard lights control	F34	15	01R/S
Radio tuner + 24 Volts power supply	F34	15	01R/S
Available power supply (after ignition key)	F35	15	30N
Trailer socket 7-pin ("ABS")	F36	20	15M/P
LH door lock electric striker	F37	10	08M/N
RH door lock electric striker	F37	10	08M/N

## FUSES

### Table of fuses on connection unit

Assignment	Item	Amp.	Folio
Reversing lights relay .....	F41	10	05P
Gearbox ECU .....	F42	10	23M
Loading floodlight (tractor) .....	F43	10	10M
Trailer + 24 Volts power supply .....	F43	10	10M
Cab tilt pump .....	F44	25	29M
Master switch .....	F45	10	01M/N/S
Doors central locking box .....	F45	10	01M/N/S
Engine preheating control .....	F46	10	01P
Fuel filter preheater control .....	F46	10	01P
Fan coil heaters .....	F46	10	01P
ZF gearbox hydraulic retarder .....	F46	10	01P
Vehicle protection .....	F46	10	01P
Suspension ECU .....	F47	10	01P
Suspension remote control box .....	F47	10	01P
"ABS" ECU .....	F49	03	20M/N/P/R

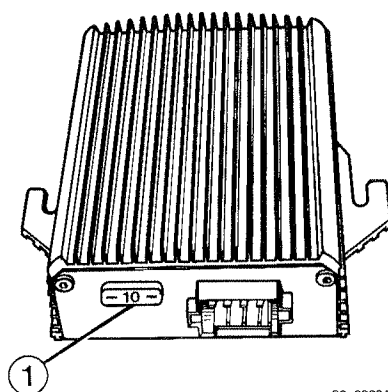
## FUSES

### Table of fuses away from connection unit

Assignment	Item	Amp.	Folio
Air conditioning .....	Fc	15	17N
"EUP" ECU .....	F7	10	27R/T
"EUP" ECU .....	F38	25	27R/T
"EUP" VECU ECU .....	F57	10	27N
Windscreen defrosting .....	F61	50	14R
Hydraulic retarder ECU .....	F662	5	16P

### Voltage dropper

A fuse (1) protects the appliance against polarity reversal at battery level.





**Table of relays away from connection unit**

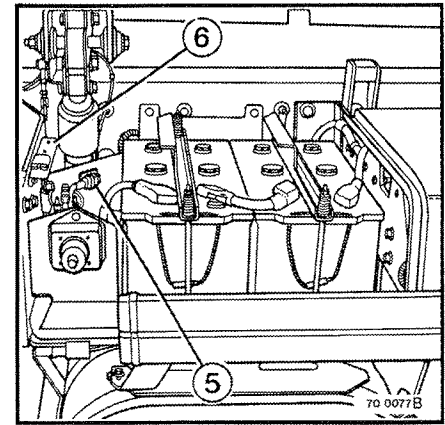
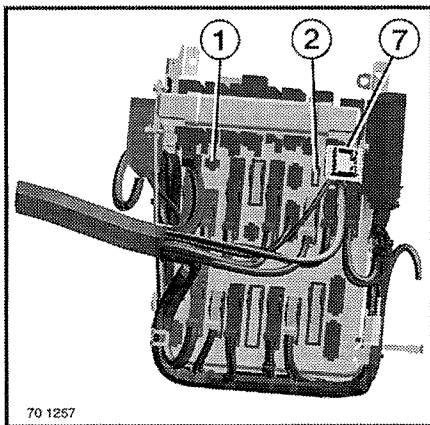
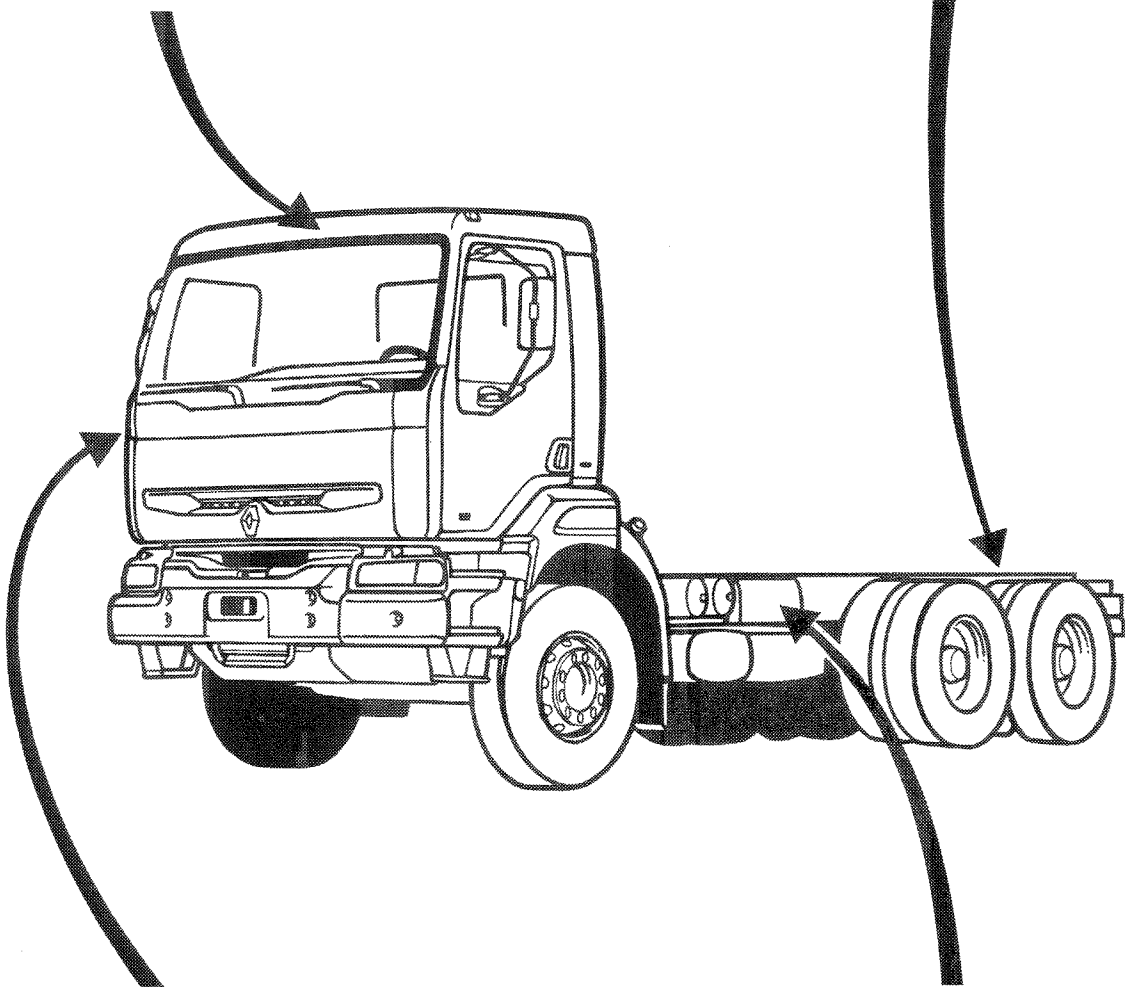
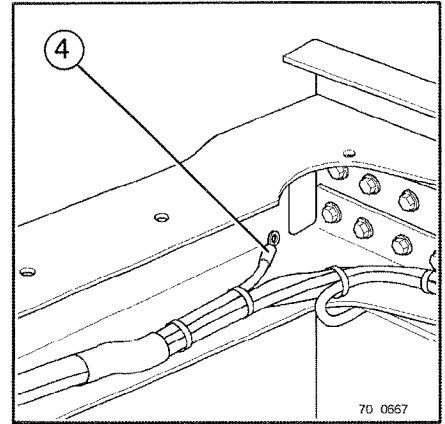
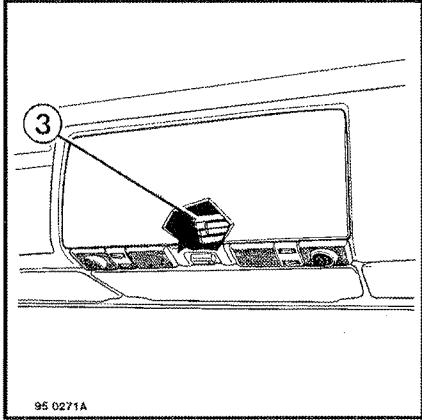
<b>Assignment</b>	<b>Item</b>	<b>Amp.</b>	<b>Folio</b>
Starting relay .....	R22	50	(25M)
Windscreen wiper relay .....	R25	20	(11M)
Independent heater relay .....	R28	20	(17M)
Daytime lights relays .....	R45	20	(05P)
Reversing lights relay .....	R54	20	(04S)
Preheating relay .....	R93	50	(02M/N)
Self-tracking axle safety relay .....	8546	20	(28S)

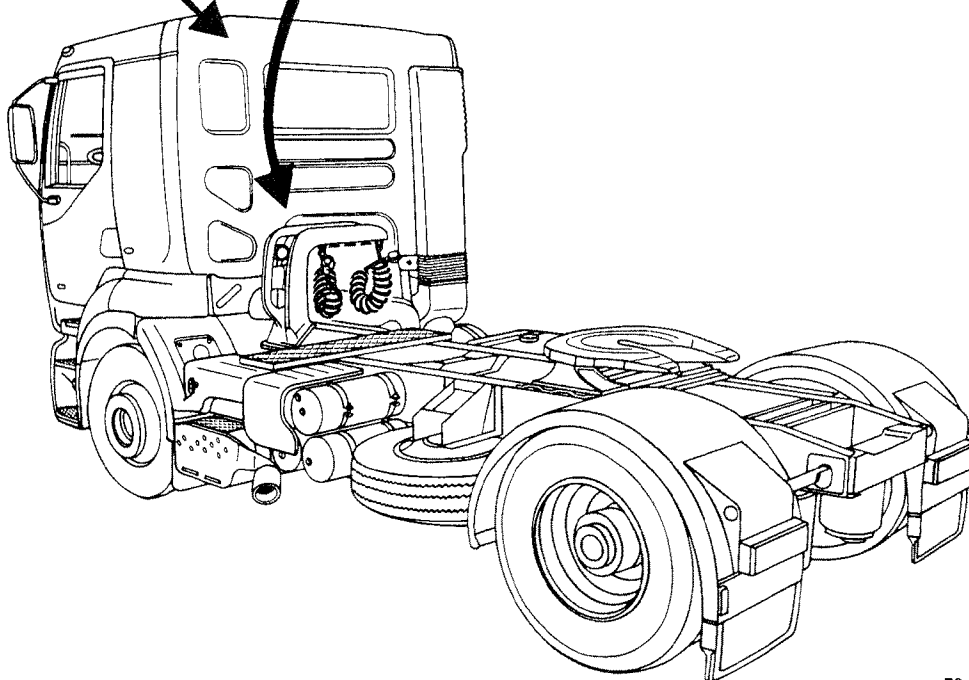
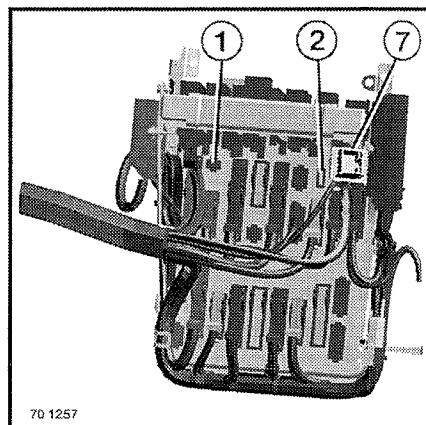
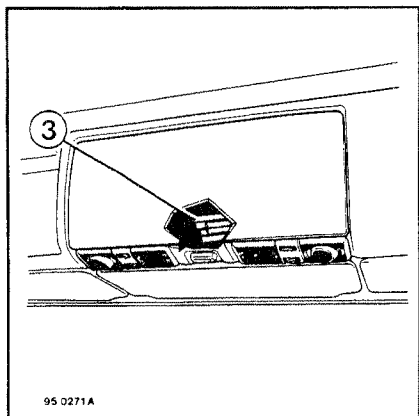
**DIODES****Table of diodes away from connection unit**

<b>Assignment</b>	<b>Item</b>	<b>Plate</b>
Infra-red remote control safety diode "TIR" .....	D8	08M
Astronic and/or alarm relay .....	D5	10N



**AVAILABLE POWER SUPPLIES**





## AVAILABLE POWER SUPPLIES

## REFUSE COLLECTOR Equipment

## LOCATION 1

## GREY connector

Assignment	Wire	Fuse	Amp.
Earth .....	1	—	—
Power supply (after master switch) .....	208	F21	20

## LOCATION 2

## GREY connector

Assignment	Wire	Fuse	Amp.
Earth .....	1	—	—
Power supply (after ignition) .....	275	F35	15

## LOCATION 3

## 6 insulated stand-by wires

Assignment	Wire	Fuse	Amp.
Earth .....	1	—	—
Available power supply (lighting) .....	305	F3	10
Available + 12V power supply (CB) .....	4000	—	—
Available – power supply (CB) .....	144	—	—
Available + 12V power supply (radiotelephone) .....	46	—	—
Available – power supply (radiotelephone) .....	155	—	—

## LOCATION 4

## 2 insulated stand-by wires

Assignment	Wire	Fuse	Amp.
Earth .....	1	—	—
Power supply (lighting) .....	632	F5	10

## LOCATION 5

## BLACK connector

Assignment	Wire	Fuse	Amp.
Earth .....	1	—	—
Power supply (after master switch) .....	208	F21	20
Power supply (after ignition) .....	275	F35	15
Power supply (lighting) .....	632	F5	10

## LOCATION 6

## Plug socket

Assignment	Wire	Fuse	Amp.
Earth .....	1	—	—
Power supply (before master switch) .....	201	—	—

**LOCATION 7****12 insulated stand-by wires**

<b>Assignment</b>	<b>Wire</b>	<b>Fuse</b>	<b>Amp.</b>
Available power supply (engine speed) .....	045	–	–
Available power supply (engine speed) .....	047	–	–
Available power supply (PTO) .....	88	–	–
Available power supply (after master switch) .....	208	F21	20
Available power supply (lighting) .....	618	F21	20
Available power supply (equipment in working position "Alert" warning light) .....	651	–	–
Available power supply (engine speed) .....	1025	–	–
Available power supply (PTO) .....	1026	–	–
Available power supply (bodybuilder's equipment control) .....	8083	F21	20
Available power supply (handrail retracted "Information" tell-tale light) ..	8084	–	–
Available power supply ("sideboard open" warning light) .....	8086	–	–
Available power supply ("tipper raised" warning light) .....	8087	–	–

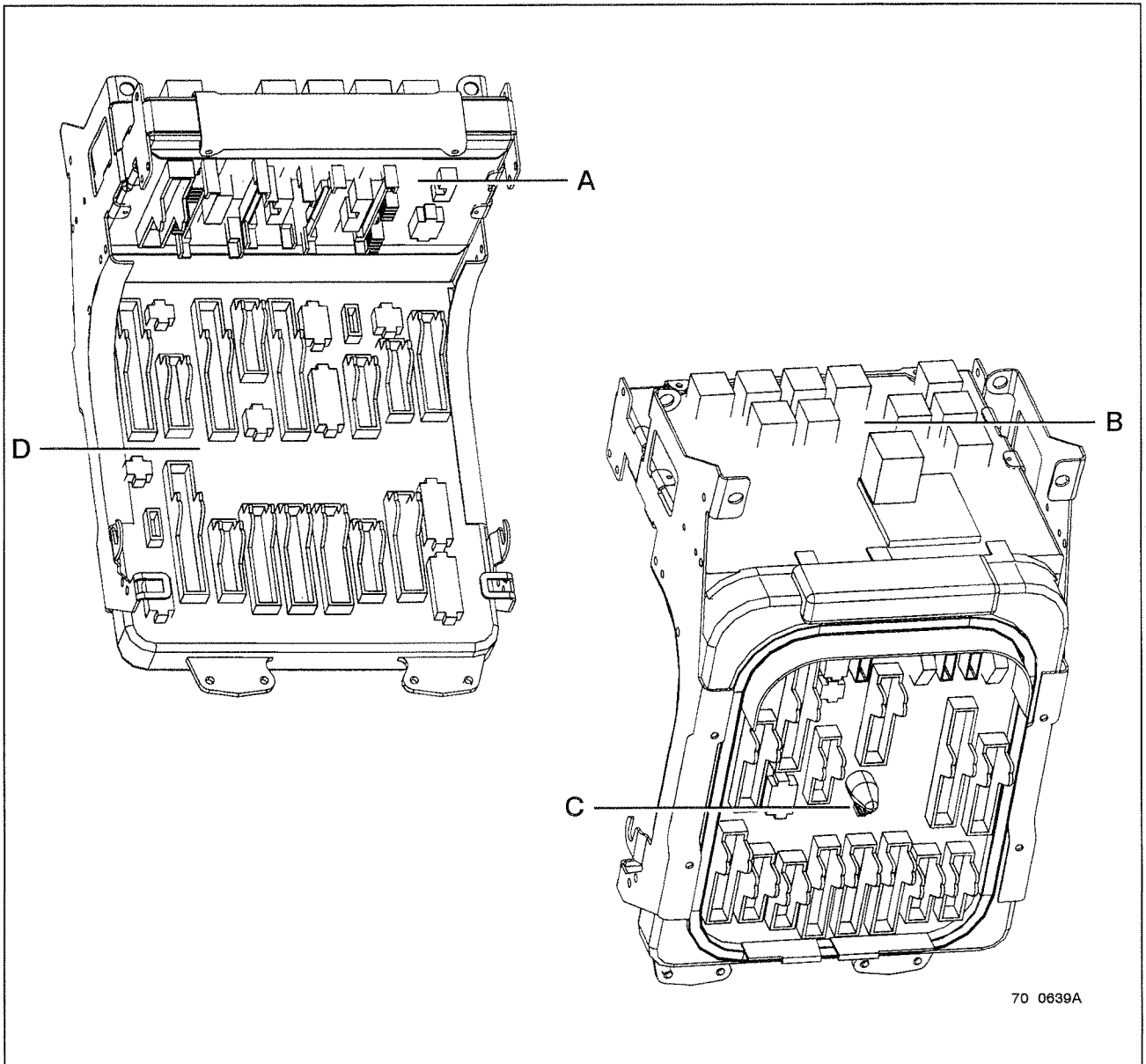
**REFUSE COLLECTOR Equipment****LOCATION 7**

<b>Assignment</b>	<b>Wire</b>	<b>Fuse</b>	<b>Amp.</b>
Available power supply (engine speed) .....	045	–	–
Available power supply (engine speed) .....	047	–	–
Available power supply (PTO) .....	88	–	–
Available power supply (after master switch) .....	208	F21	20
Available power supply (reversing safety) .....	608	F41	10
Available power supply (lighting) .....	618	F21	20
Available power supply (equipment in working position "Alert" warning light) .....	651	–	–
Available power supply (engine speed) .....	1025	–	–
Available power supply (PTO) .....	1026	–	–
Available power supply (bodybuilder's equipment control) .....	8083	F21	20
Available power supply (handrail retracted "Information" tell-tale light) ..	8084	–	–
Available power supply ("sideboard open" warning light) .....	8086	–	–
Available power supply ("tipper raised" warning light) .....	8087	–	–
Available power supply (PTO) .....	818	–	–
Available power supply (reversing safety) .....	5026	–	–
Available power supply (30 km/h speed limitation) .....	5027	–	–
Available power supply (fast idling) .....	8067	–	–

**Pre-equipped vehicles**

With a bodybuilder's electrical pre-equipment, tail lift, refrigerator unit, tipper or crane, a wiring harness connected to location 2 brings in the available power supplies to locations 4 and 5.

**CONNECTION UNIT**



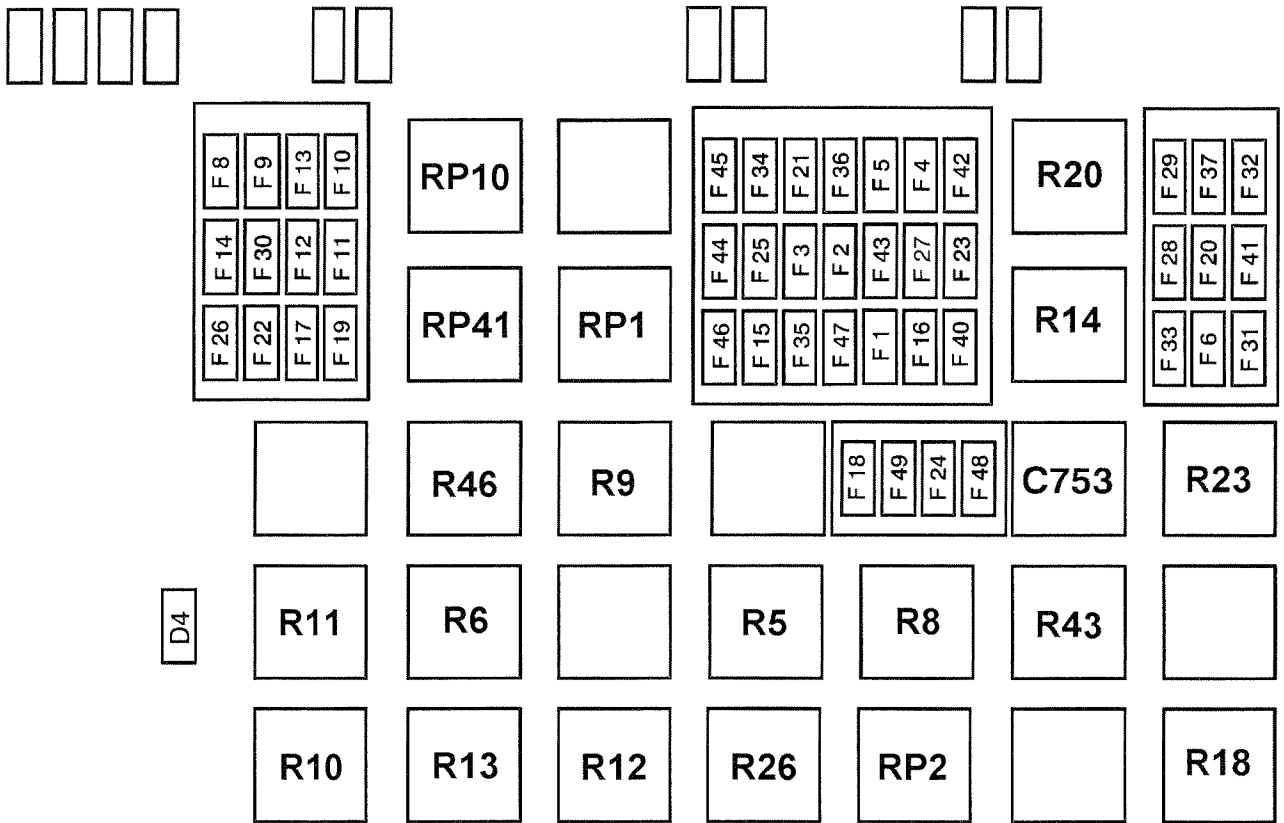
### Connection unit

Face "A" see detail page F4

Face "B" see detail page F3

Face "C" see detail page F12

Face "D" see detail page F6



70 0896

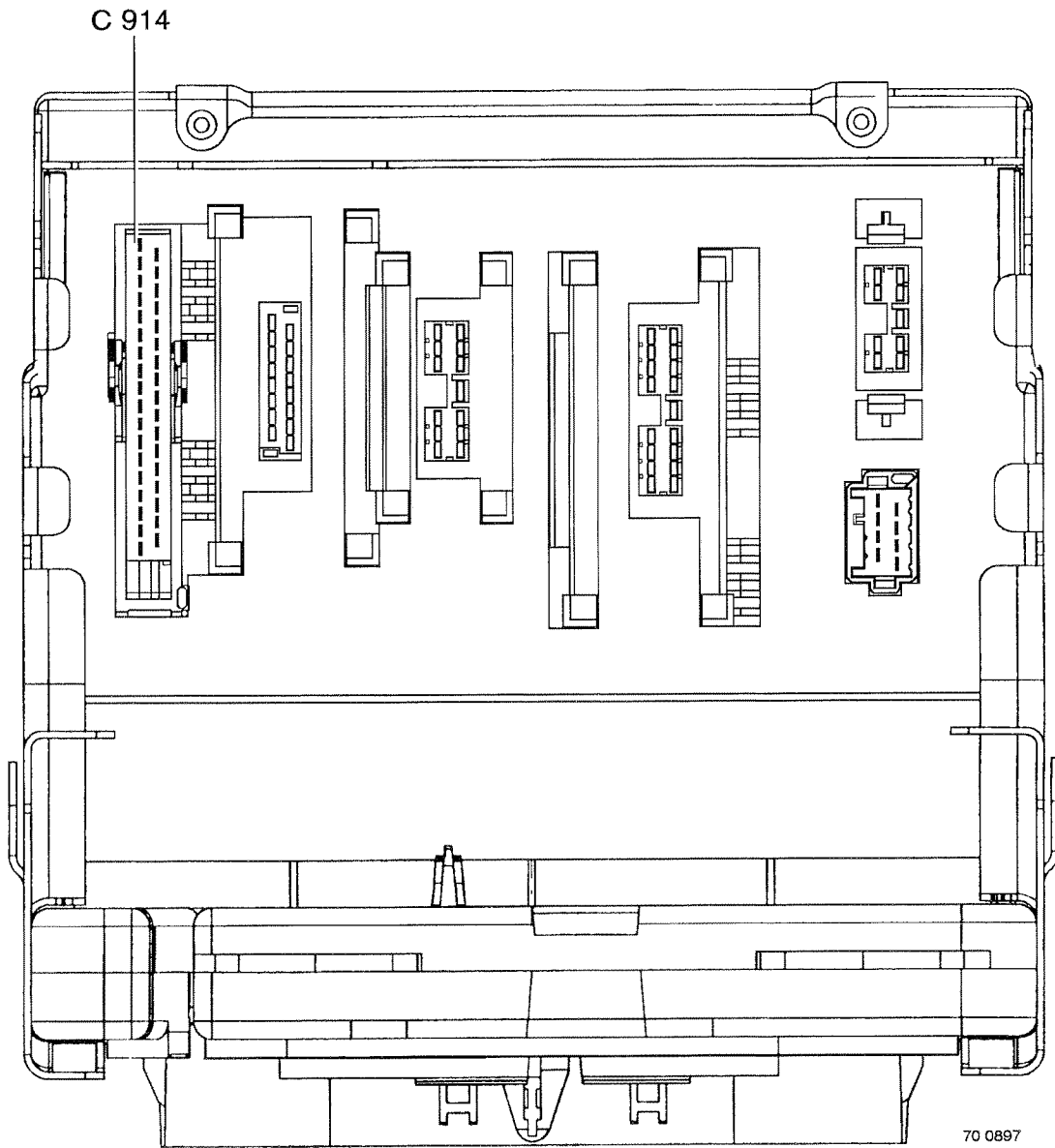
**Face B connectors**

**Fuses** see detail page D2

**Relays** see detail page D5

**Diodes** see detail page D6

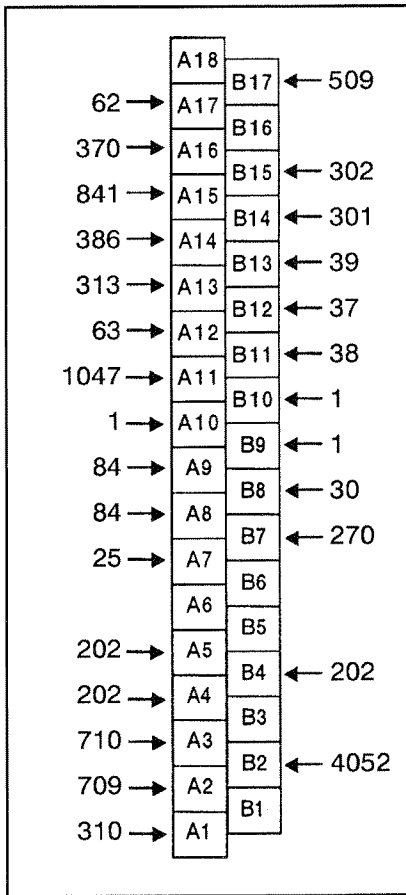




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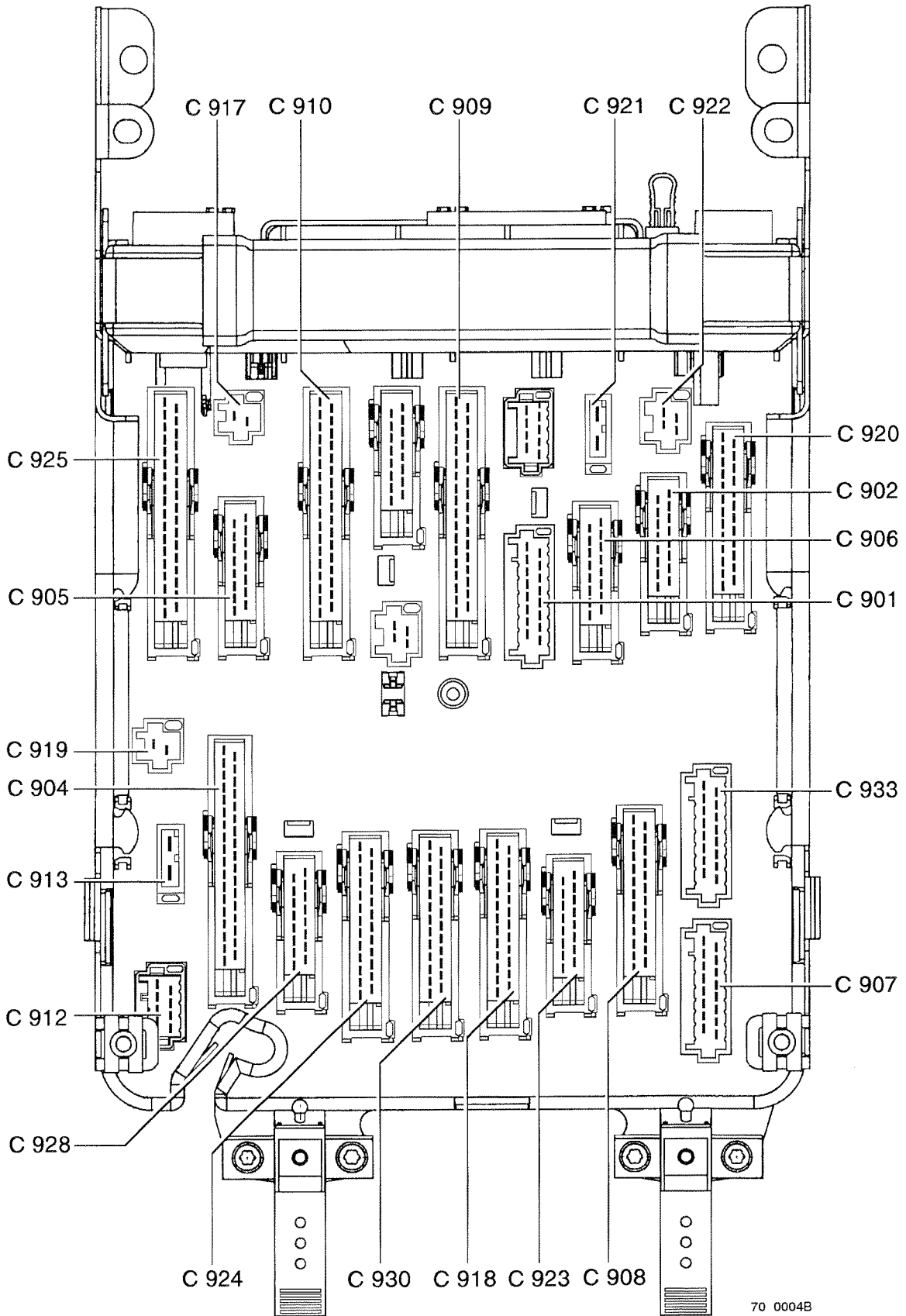
**Face A connectors**

Number	Assignment	Colour	Number of ways
C 914	Dashboard (basic) wiring harness	Bu	35



C914

70 0898



70 0004B

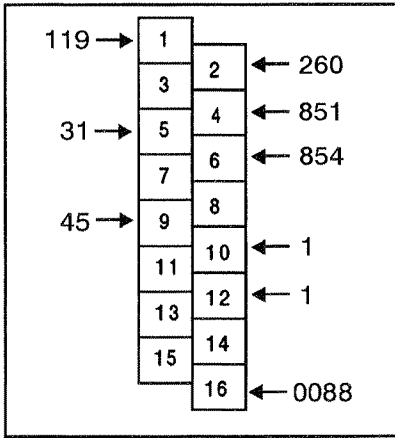
Face D connectors

**Face D connectors**

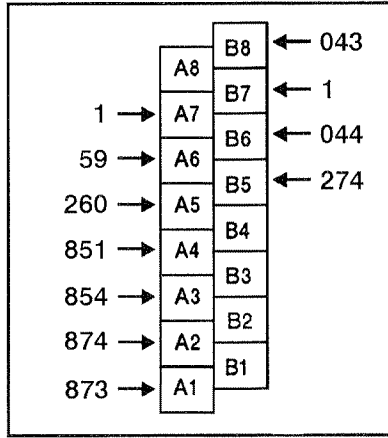
Number	Assignment	Colour	Number of ways
C 901	Diagnostics socket	M	16
C 902	Electronic air suspension	Bc	16
C 904	"EECU" electronic fuel-injection system	Ve	35
C 905	Tachograph	J	16
C 906	Dashboard (option 1)	Bu	16
C 907	Upper ledge (basic)	Ve	16
C 908	Upper ledge (option 1)	R	25
C 909	Dashboard (option 2)	J	35
C 910	Secondary display	R	35
C 911	Copilote	Ve	16
C 912	Independent heater	J	8
C 913	Independent heater	M	2
C 917	Available power supply (earth and + 24V)	G	2
C 918	Electronic air suspension	Bc	25
C 919	Heated seats (driver / passenger)	Bc	2
C 920	"ABS/ASR" equipment	Ve	25
C 921	Available power supply (earth and + 24V)	G	2
C 922	Electronic air suspension remote control	J	4
C 923	Rear "ABS/ASR" equipment	M	16
C 924	"EECU" electronic fuel-injection system	Bu	25
C 925	Fan coil heaters / Cigar lighter / Anti-theft control	Bc	35
C 927	Cruise control	Bc	4
C 928	Front "ABS/ASR" equipment	R	16
C 930	Hydraulic retarder	J	25
C 933	Upper ledge (option 2)	G	16

**Connectors interface D / C**

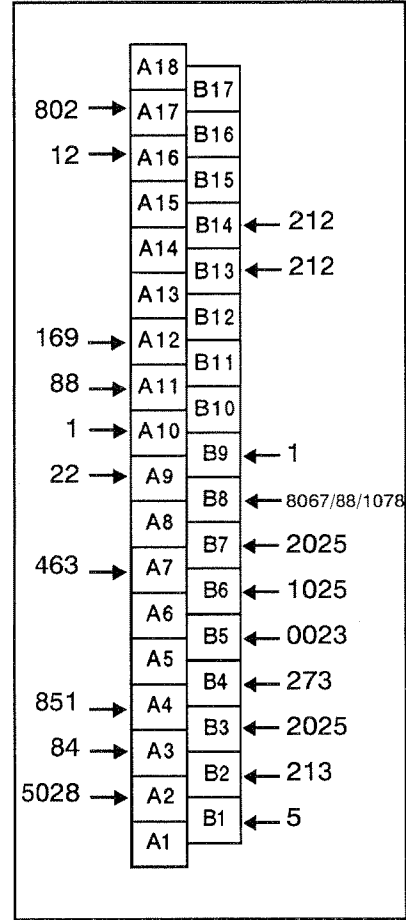
Interface	Assignment	Colour	Number of ways
C 918 / C 815	Electronic air suspension	Bc	25
C 924 / C 817	Electronic fuel-injection system	Bu	25
C 923 / C 816	Rear "ABS/ASR" equipment	M	16
C 819 / C 930	Hydraulic retarder	J	25
C 928 / C 818	Front "ABS/ASR" equipment	R	16



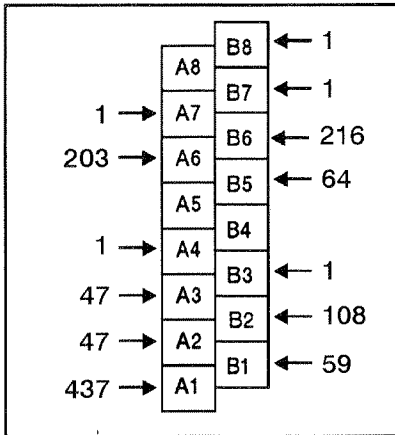
C901



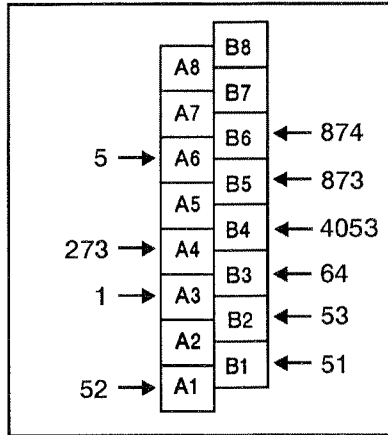
C902/C448



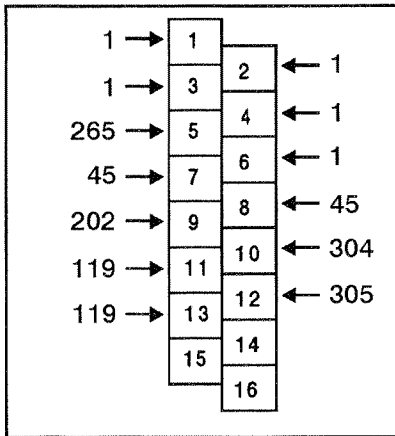
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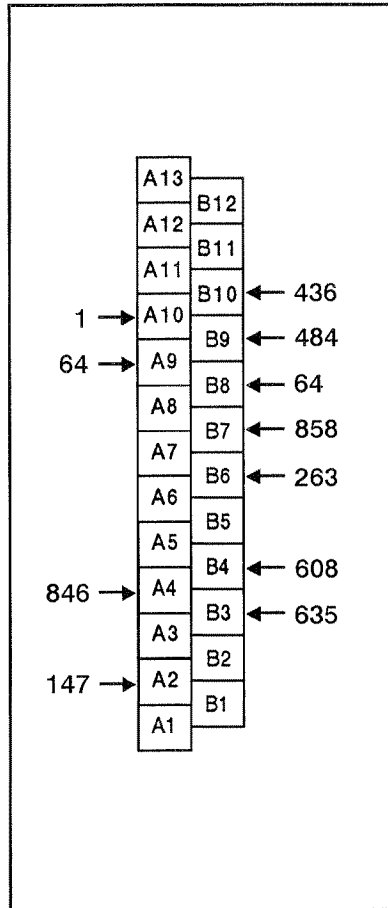
C905



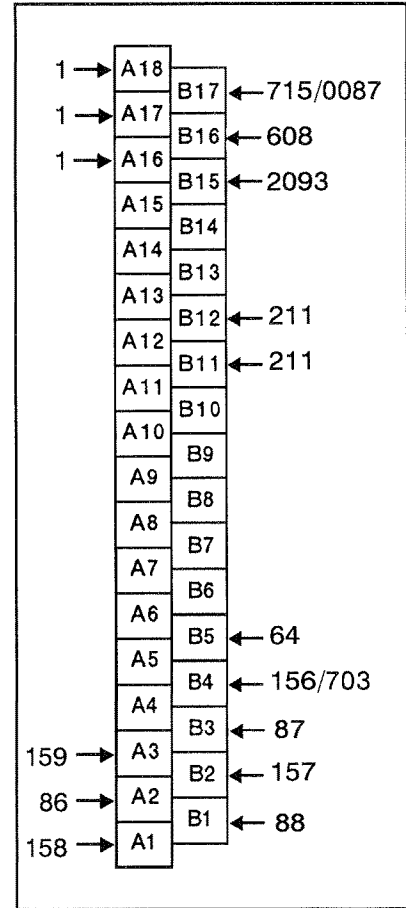
C906



C907

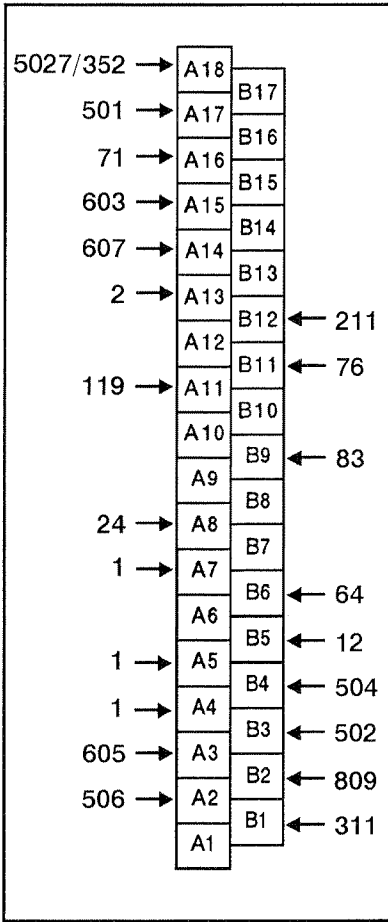


C908

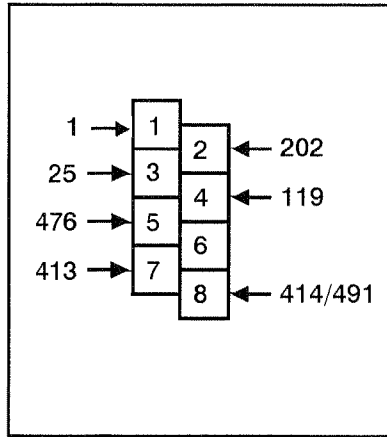


C909

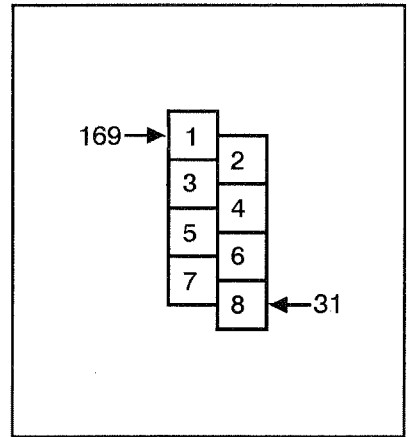
70 0899



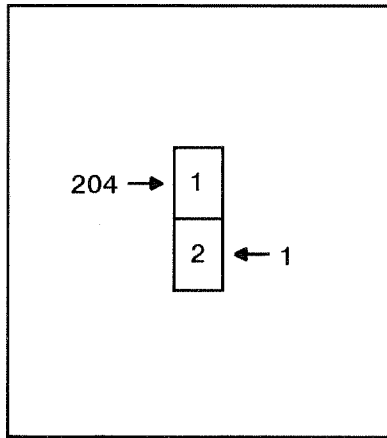
C910



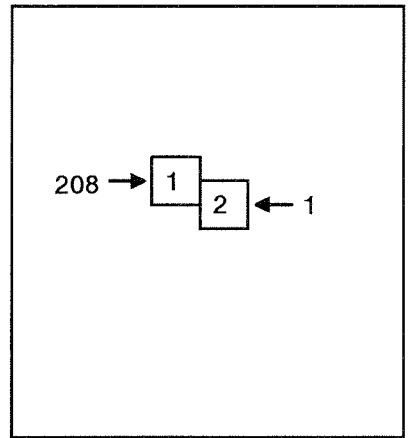
C912/C443/C425



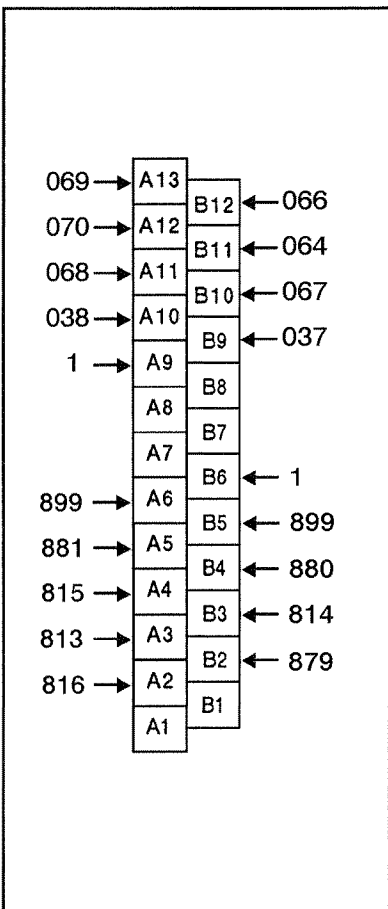
C915



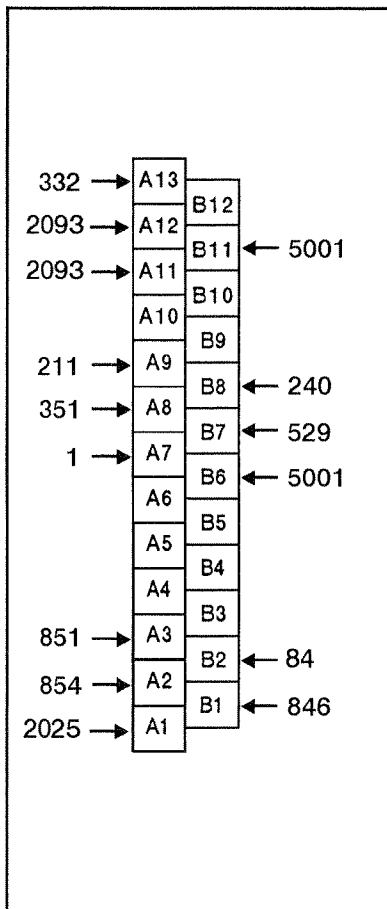
C913/C444



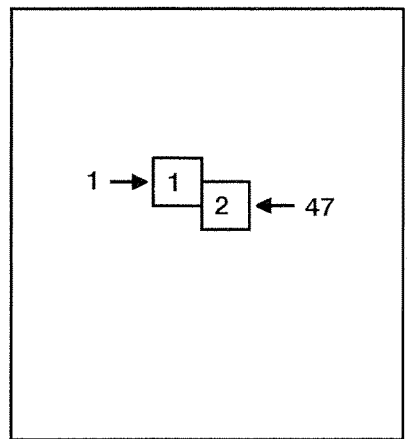
C917



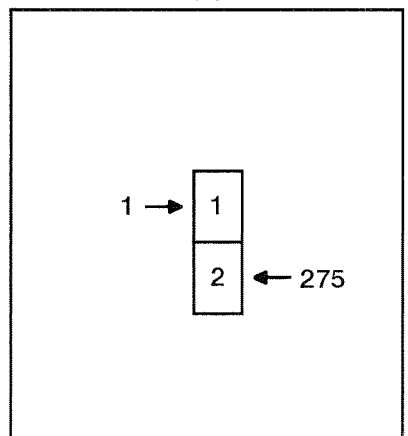
C918/C449



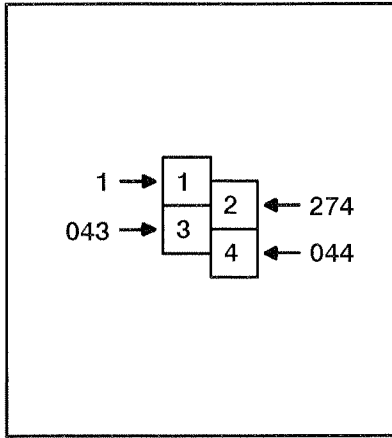
C920



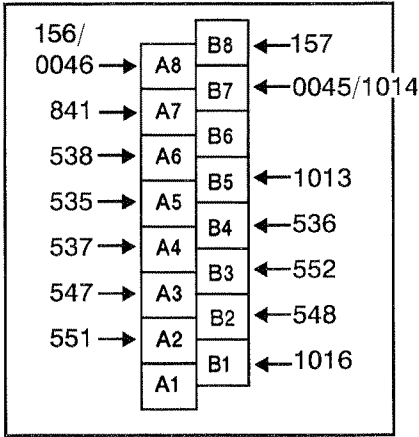
C919



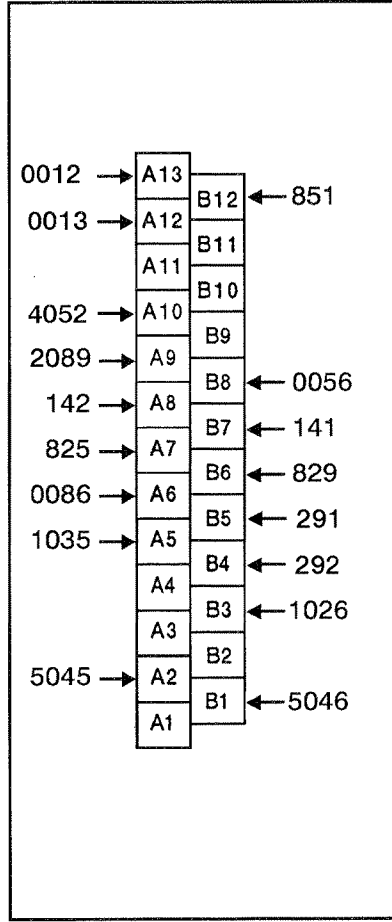
C921



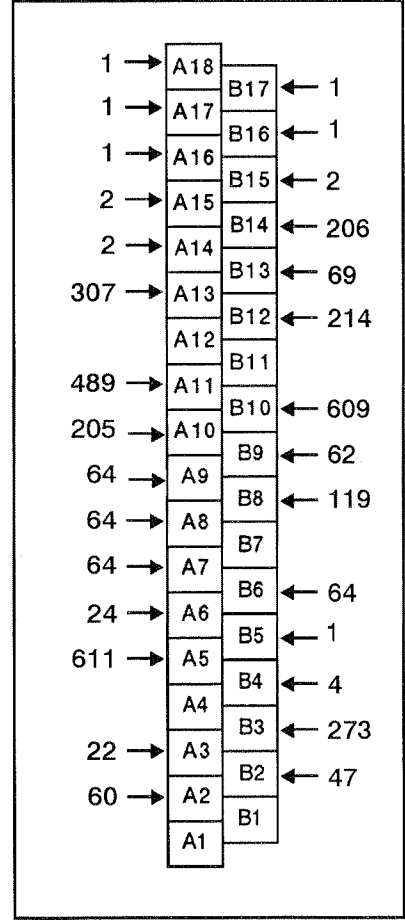
C922



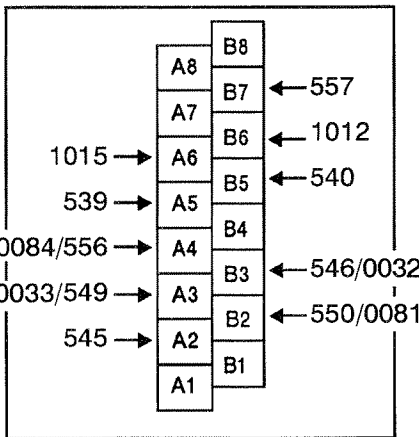
C923



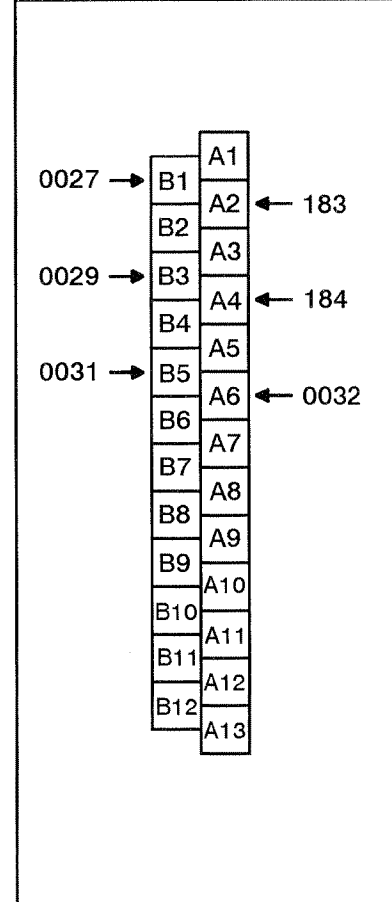
C924



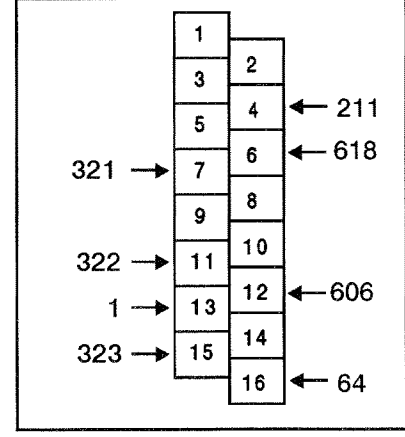
C925



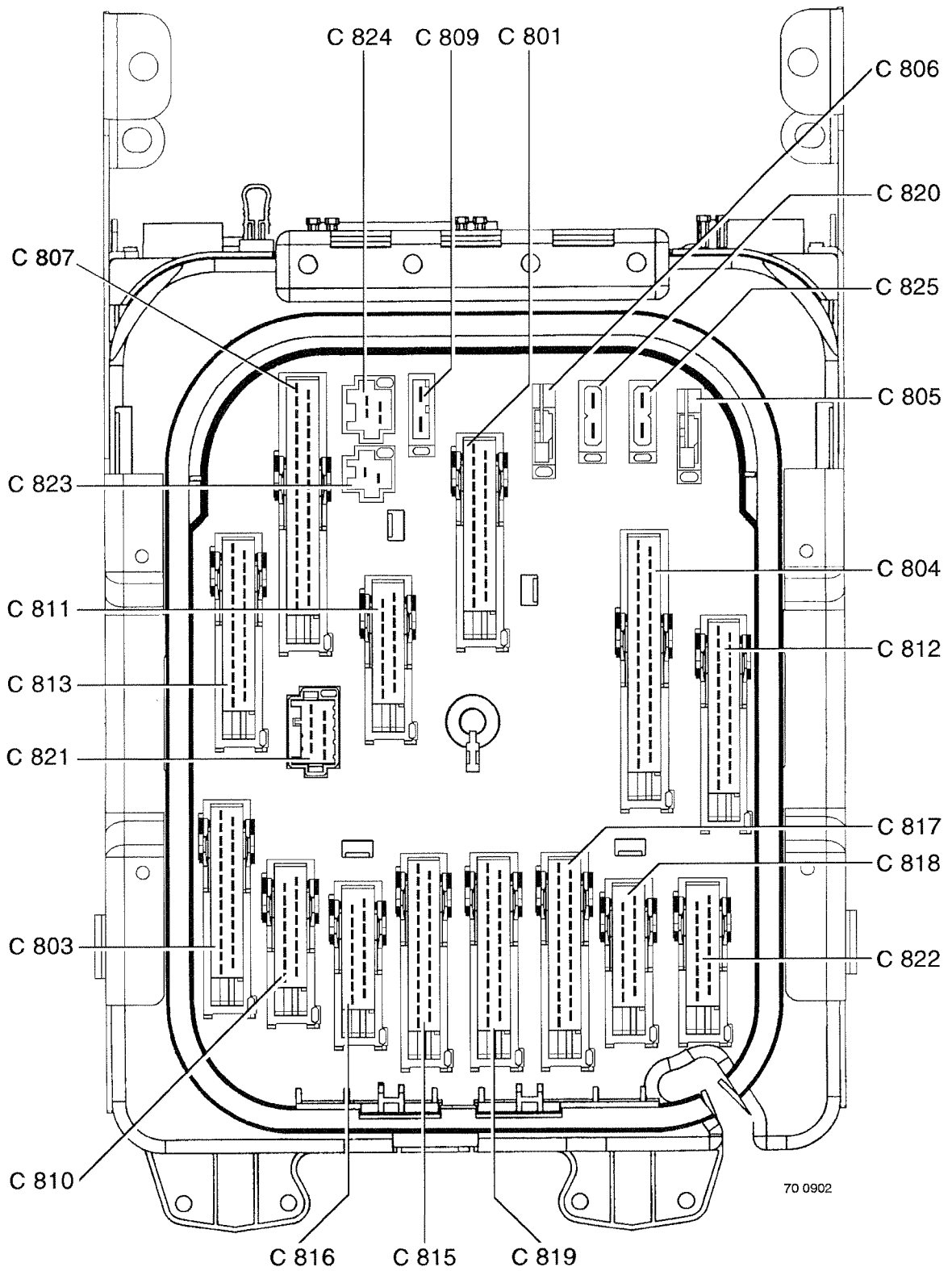
C928



C930



C933



**Face C connectors**

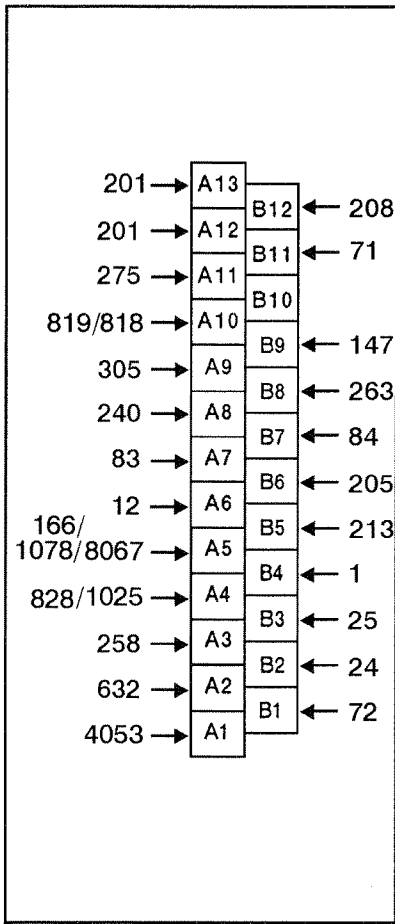


**Face C connectors**

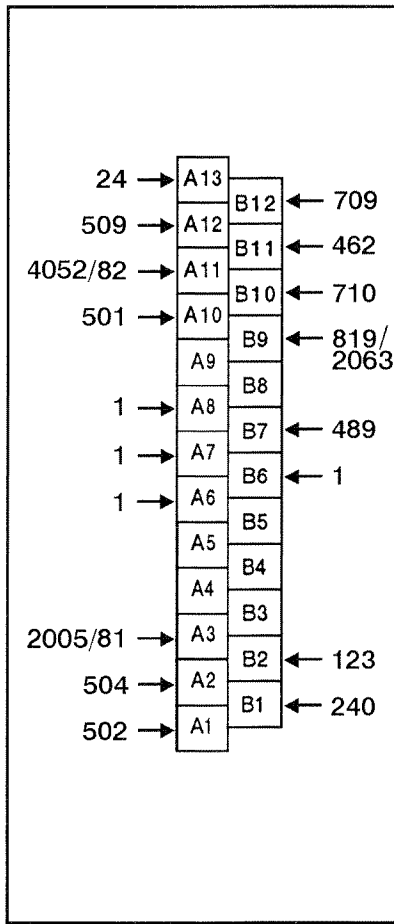
Number	Assignment	Colour	Number of ways
C 801	Power supplies and auxiliary equipment	R	25
C 803	Front grille	R	25
C 804	Power unit	Ve	35
C 805	Earth power supply	M	2
C 806	+ 24V power supply	N	2
C 807	Electronic box information	Bc	35
C 809	Trailer socket	G	2
C 810	Rear signalling / lighting	Ve	16
C 811	Trailer socket	Bc	16
C 812	Front signalling / lighting	M	25
C 813	Doors	Ve	25
C 815	Electronic air suspension	Bc	25
C 816	Rear "ABS/ASR" equipment	M	16
C 817	"EECU" electronic fuel-injection system	Bu	25
C 818	Front "ABS/ASR" equipment	R	16
C 819	Hydraulic retarder	J	25
C 820	Power unit	Bc	2
C 821	Electric retarder relay box	J	8
C 822	Independent heater	J	16
C 823	Available power supply (earth)	G	2
C 824	Brake pads wear contact	Bc	2
C 825	Cab tilting motor	Bu	2

**Connectors interface C / D**

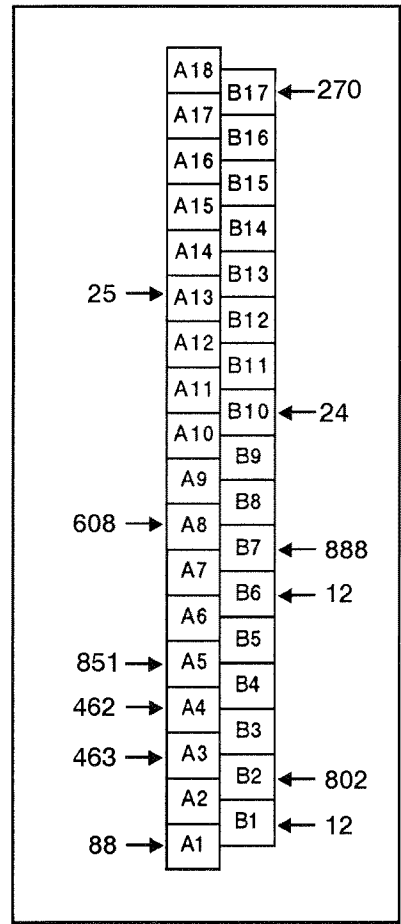
Interface	Assignment	Colour	Number of ways
C 815 / C 918	Electronic air suspension	Bc	25
C 816 / C 923	Rear "ABS/ASR" equipment	M	16
C 817 / C 924	Electronic fuel-injection system	Bu	25
C 818 / C 928	Front "ABS/ASR" equipment	R	16
C 819 / C 930	Hydraulic retarder	J	25



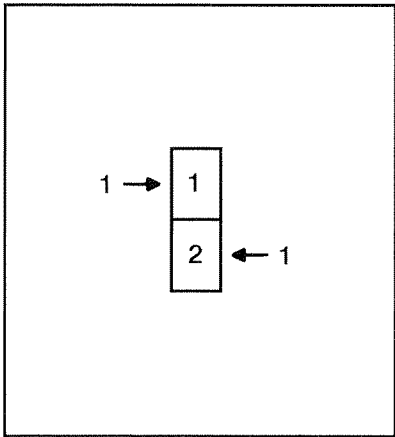
C801



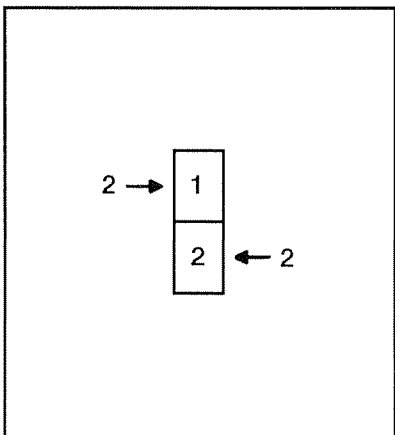
C803/C503



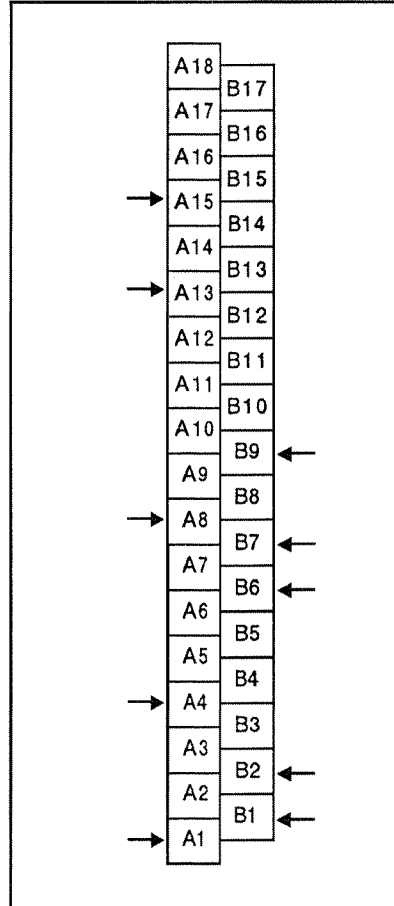
C804



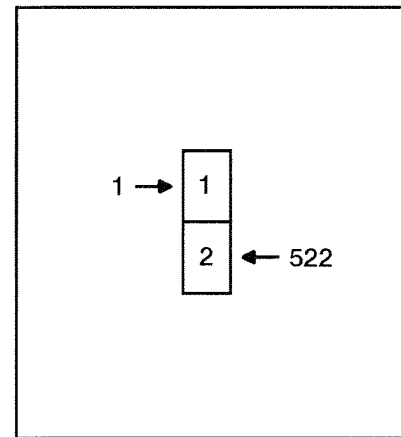
C805



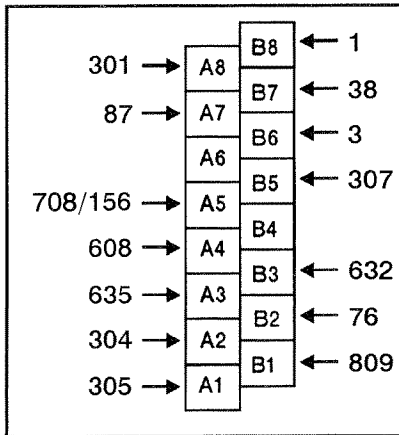
C806



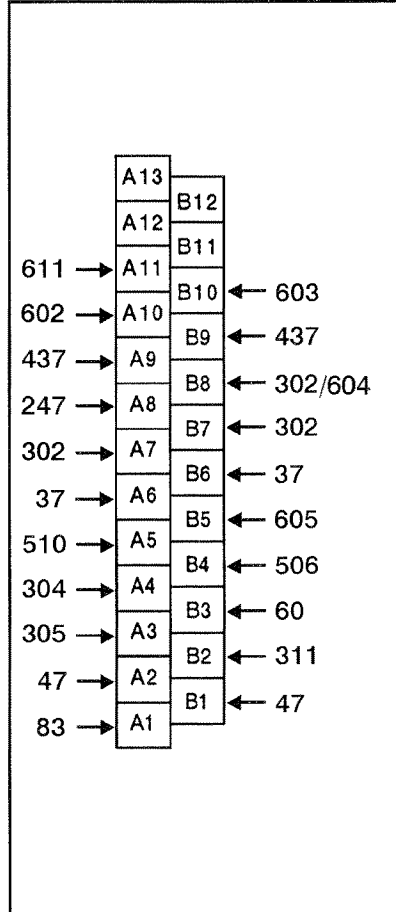
C807



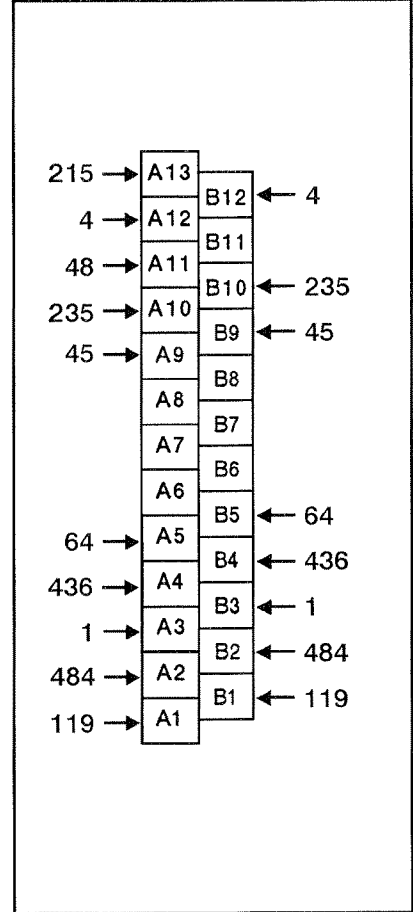
C809



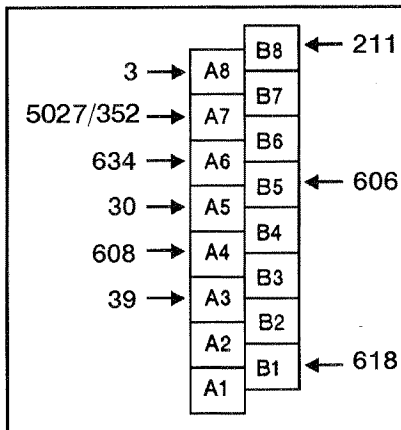
C810



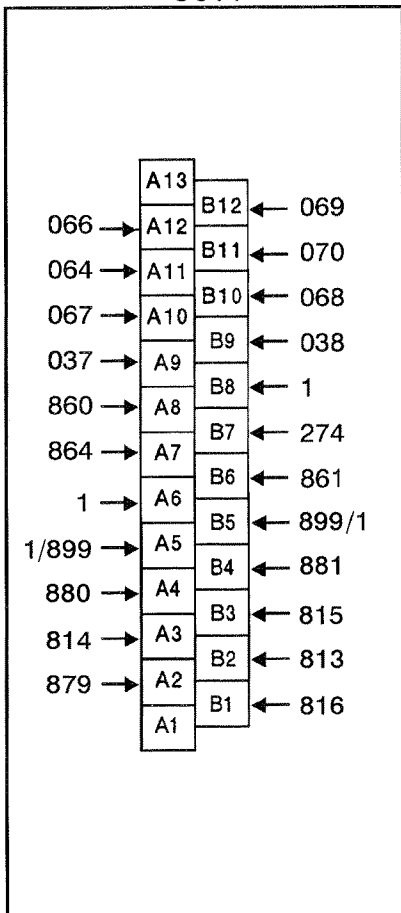
C812



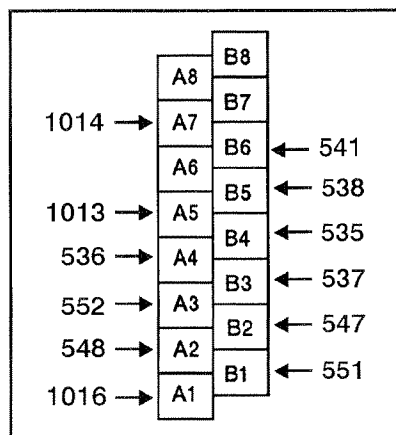
C813/C513



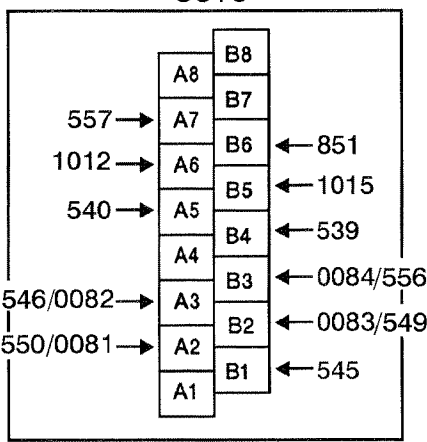
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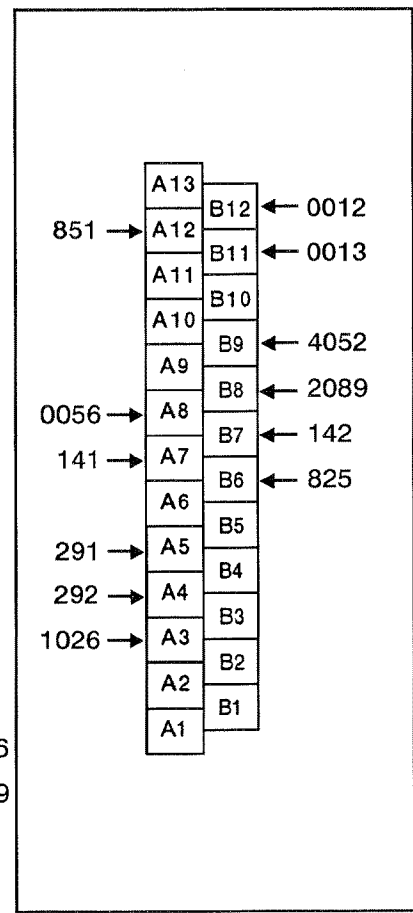
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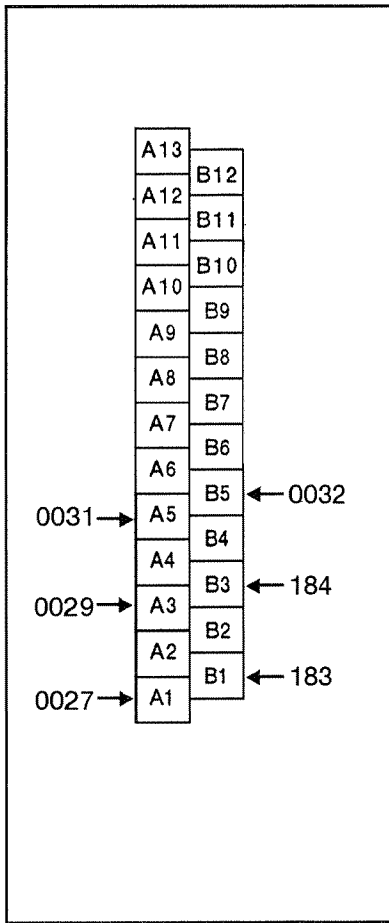
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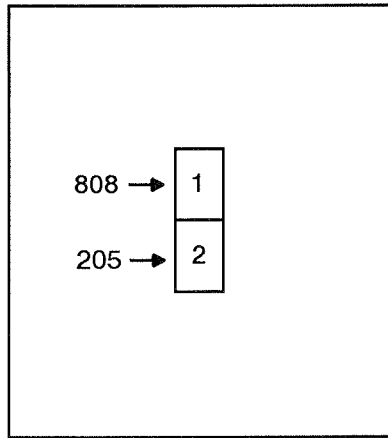
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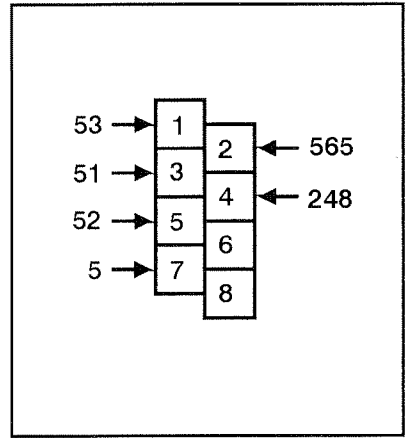
C817



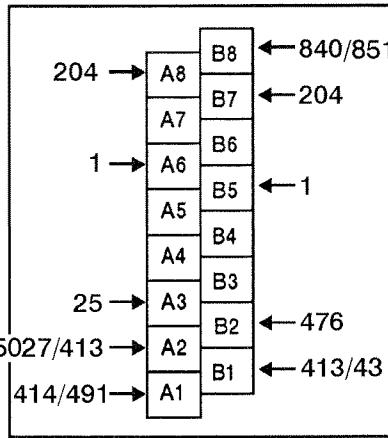
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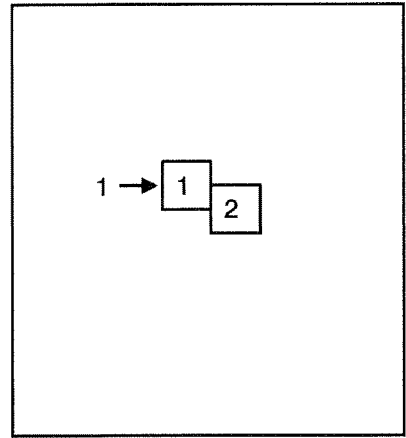
C820



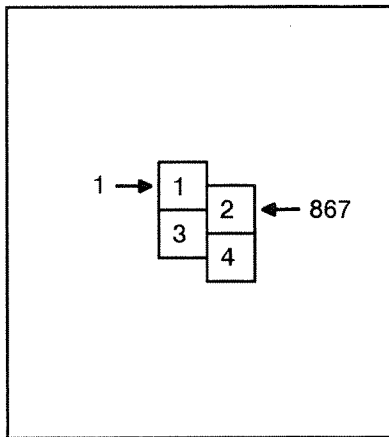
C821



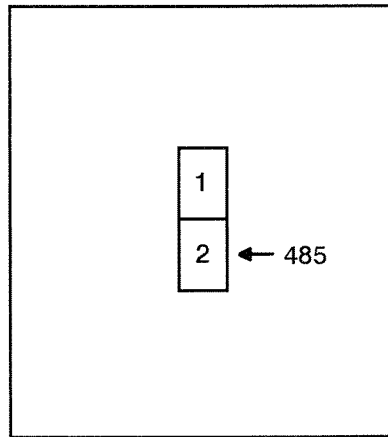
C822



C823



C824



C825

70 0905

**WIRES – CONNECTORS LINKS**

Wire N°	Wire section (mm <sup>2</sup> )	Connectors	
		Terminal	Number
1	2.0	1	754
1	0.6	B4	801
1	1.0	A6	803
1	1.0	A7	803
1	1.0	A8	803
1	1.0	B6	803
1	10.0	1	805
1	10.0	2	805
1	5.0	1	809
1	1.0	B8	810
1	1.0	A3	813
1	1.0	B3	813
1	1.0	A6	815
1	0.6	B8	815
1	2.0	A6	822
1	1.0	B5	822
1	1.0	1	823
1	0.6	1	824
1	0.5	12	901
1	0.5	10	901
1	2.0	A7	902
1	2.0	B7	902
1	1.0	B9	904
1	1.0	A10	904
1	0.5	A4	905
1	0.5	A7	905
1	0.5	B3	905
1	0.5	B3	905
1	1.0	B3	905
1	1.0	B3	905
1	1.0	B7	905
1	0.6	B8	905
1	0.6	A3	906
1	0.5	6	907
1	0.5	4	907
1	0.5	3	907
1	0.5	2	907
1	0.5	1	907
1	0.5	A10	908
1	0.5	A16	909
1	0.5	A17	909

Wire N°	Wire section (mm <sup>2</sup> )	Connectors	
		Terminal	Number
1	1.0	A18	909
1	1.0	A18	909
1	0.5	A5	910
1	0.5	A7	910
1	0.5	A4	910
1	0.5	A4	910
1	1.0	A7	910
1	0.6	1	912
1	2.0	2	913 / 444
1	1.0	A10	914
1	1.0	B9	914
1	1.0	B10	914
1	1.0	B10	914
1	1.0	2	917
1	2.0	A9	918
1	2.0	B6	918
1	1.0	1	919
1	1.0	1	919
1	2.0	A7	920
1	1.0	1	921
1	0.5	1	922
1	1.0	A16	925
1	1.0	A17	925
1	1.0	A18	925
1	1.0	B5	925
1	1.0	B16	925
1	0.6	B17	925
1	2.0	13	933
2	10.0	1	806
2	10.0	2	806
2	1.0	A13	910
2	1.0	A14	925
2	1.0	A15	925
2	0.5	B15	925
3	1.0	B6	810
3	1.0	A8	811
4	1.0	A12	813
4	1.0	B12	813
4	0.5	B4	925
5	1.0	7	821
5	0.5	B1	904
5	1.0	A6	906
12	1.0	A6	801

Wire N°	Wire section (mm <sup>2</sup> )	Connectors	
		Terminal	Number
12	1.0	B1	804
12	1.0	B6	804
12	0.5	A16	904
12	1.0	B5	910
22	1.0	B9	904
22	1.0	A9	904
22	1.0	A9	904
22	0.5	A3	925
24	1.0	6	754
24	1.0	B2	801
24	1.0	A13	803
24	1.0	B10	804
24	0.5	A8	910
24	0.5	A6	925
25	1.0	B3	801
25	0.6	A13	804
25	0.6	A3	822
25	0.6	3	912/443/425
25	0.5	A7	914
30	0.6	A5	811
30	0.5	B8	914
31	0.5	5	901
31	0.5	5	901
31	0.6	8	915
37	1.0	A6	812
37	1.0	B6	812
37	0.5	B12	914
38	0.6	B7	810
38	0.5	B11	914
39	0.6	A3	811
39	0.5	B13	914
43	0.6	B1	822
45	1.0	A9	813
45	1.0	B9	813
45	0.5	9	901
45	2.0	8	907
45	0.5	7	907
47	0.6	A2	812
47	0.6	B1	812
47	0.5	A2	905
47	0.5	A3	905
47	0.5	A3	905
47	1.0	2	919



Wire N°	Wire section (mm <sup>2</sup> )	Connectors	
		Terminal	Number
47	1.0	2	919
47	1.0	B2	925
48	2.0	A11	813
51	1.0	3	821
51	1.0	B1	906
52	1.0	5	821
52	1.0	A1	906
53	1.0	1	821
53	1.0	B2	906
59	0.5	A6	902
59	0.5	B1	905
60	2.0	B3	812
60	0.5	A2	925
62	0.5	A17	914
62	0.5	B9	925
63	0.5	A12	914
64	0.6	A5	813
64	0.6	B5	813
64	0.5	B5	905
64	0.5	B3	906
64	0.5	A9	925
64	0.5	B6	925
64	0.5	A7	925
64	0.5	A8	925
64	0.5	16	933
64	0.5	A9	908
64	0.6	B8	908
64	0.5	B5	909
64	0.5	B6	910
69	0.5	B13	925
71	0.5	B11	801
71	0.5	A16	910
72	0.6	B1	801
76	1.0	B2	810
76	0.6	B11	910
81	0.6	A3	803
82	0.6	A11	803
83	0.6	A7	801
83	0.6	B9	807
83	0.6	A1	812
83	0.5	B9	910
84	0.5	A3	904
84	1.0	B7	801

Wire N°	Wire section (mm <sup>2</sup> )	Connectors	
		Terminal	Number
84	0.5	A7	914
84	0.5	A8	914
86	0.5	A2	909
87	0.6	A7	810
87	0.6	B3	909
88	0.6	A1	804
88	0.5	A11	904
88	0.5	B1	909
89	0.6	A15	804
108	0.5	B2	905
119	0.6	A1	813
119	0.6	B1	813
119	0.5	1	901
119	0.5	13	907
119	0.5	11	907
119	0.5	A11	910
119	0.6	4	912/443/425
119	0.5	B8	925
123	1.0	B2	803
141	0.5	A7	817
141	0.5	A8	924
142	0.5	B7	817
142	0.5	B8	924
147	1.0	B9	801
147	0.5	A2	908
156	0.5	B4	909
156	0.6	A8	923
157	0.5	B2	909
157	0.6	B8	923
158	0.5	A1	909
159	0.5	A3	909
166	0.6	A5	801
169	0.5	A12	904
169	0.5	1	915
183	0.6	B1	819
183	0.6	A2	930
184	0.6	B3	819
184	0.6	A4	930
201	0.6	A11	801
201	2.0	A12	801
202	1.0	9	907
202	0.6	2	912/443/425
202	0.5	A4	914

Wire N°	Wire section (mm <sup>2</sup> )	Connectors	
		Terminal	Number
202	1.0	A5	914
202	1.0	B4	914
203	0.5	A6	905
204	1.0	A8	822
204	1.0	B7	822
204	2.0	1	913/444
205	1.0	A10	925
206	1.0	B4	925
206	1.0	B14	925
208	2.0	B12	801
208	2.0	1	917
211	1.0	B8	811
211	0.5	B12	909
211	0.5	B11	909
211	0.5	B12	910
211	0.6	A9	920
211	1.0	4	933
212	1.0	B13	904
212	1.0	B13	904
212	2.0	B13	904
212	3.0	B13	904
213	1.0	B5	801
213	0.6	B2	904
213	1.0	B2	904
214	0.5	B12	925
215	1.0	A13	813
216	1.0	B6	905
216	1.0	B6	905
235	1.0	A10	813
235	1.0	B10	813
240	1.0	A8	801
240	1.0	B1	803
240	0.6	B8	920
247	1.0	A8	812
248	1.0	4	821
258	1.0	A3	801
260	1.0	2	901
260	2.0	A5	902
263	1.0	B8	801
263	0.5	B6	908
265	1.0	5	907
270	1.0	B7	914
273	1.0	B4	904

Wire N°	Wire section (mm <sup>2</sup> )	Connectors	
		Terminal	Number
273	0.5	A4	906
273	1.0	B3	925
274	0.6	B7	815
274	2.0	B5	902
274	0.5	2	922
275	2.0	A11	801
275	1.0	2	921
291	2.0	A5	817
291	2.0	B5	924
291	1.0	B5	924
292	2.0	A4	817
292	2.0	B4	924
292	1.0	B4	924
301	0.6	A8	810
301	0.5	B14	914
302	0.5	B15	914
302	1.0	A7	812
302	0.6	B7	812
304	1.0	A2	810
304	0.6	A4	812
304	0.5	10	907
305	0.6	A9	801
305	1.0	A1	810
305	0.6	A3	812
305	0.5	12	907
307	1.0	B5	810
307	1.0	B3	811
307	0.5	A13	925
310	0.5	A1	914
311	0.6	B2	812
311	0.5	B1	910
312	1.0	A5	801
312	0.6	B6	807
313	0.5	A13	914
321	0.5	7	933
322	0.5	11	933
323	2.0	15	933
332	0.6	A13	920
351	0.6	A8	920
352	1.0	A7	811
352	0.5	A18	910
370	0.5	A16	914
386	0.5	A14	914

Wire N°	Wire section (mm <sup>2</sup> )	Connectors	
		Terminal	Number
413	0.6	A2	822
413	1.0	B1	822
413	1.0	7	912/443/425
414/491	0.6	A1	822
414/491	1.0	8	912/443/425
416	1.0	1	912
436	1.0	A4	813
436	1.0	B4	813
436	0.5	B10	908
437	0.6	A9	812
437	0.6	B9	812
437	0.5	A1	905
462	1.0	B11	803
462	1.0	A4	804
463	0.5	A7	904
463	0.5	A7	904
476	0.6	B2	822
476	0.6	5	912/443/425
484	1.0	A2	813
484	1.0	B2	813
484	0.5	B9	908
485	5.0	2	825
489	1.0	B7	803
489	1.0	A11	925
501	2.0	A10	803
501	1.0	A17	910
502	1.0	A1	803
502	0.5	B3	910
504	1.0	A2	803
504	0.5	B4	910
506	0.6	B4	812
506	0.5	A2	910
509	1.0	A12	803
509	0.5	B17	914
510	1.0	A5	812
522	5.0	2	809
529	0.5	B7	920
535	1.0	B4	816
535	1.0	A5	923
536	1.0	A4	816
536	1.0	B4	923
537	1.0	B3	816
537	1.0	A4	923

Wire N°	Wire section (mm <sup>2</sup> )	Connectors	
		Terminal	Number
538	1.0	B5	816
538	1.0	A6	923
539	1.0	B4	818
539	1.0	A5	928
540	1.0	A5	818
540	0.5	B5	928
541	1.0	A7	816
545	0.7	B1	818
545	0.5	A2	928
546	0.7	A3	818
546	0.5	B3	928
547	0.7	B2	816
547	0.6	A3	923
548	0.7	A2	816
548	1.0	B2	923
549	0.7	B2	818
549	0.6	A3	928
550	0.7	A2	818
550	0.6	B2	928
551	0.7	B1	818
551	0.5	A2	923
552	0.7	A3	818
552	0.5	B3	923
556	1.0	B3	818
556	1.0	A4	928
557	1.0	A7	818
557	1.0	B7	928
565	0.6	2	821
602	1.0	A10	812
603	1.0	B10	812
603	0.5	A15	910
604	1.0	B8	812
605	1.0	B5	812
605	0.5	A3	910
606	2.0	B5	811
606	1.0	12	933
607	0.6	B6	811
607	0.5	A14	910
608	1.0	A8	804
608	1.0	A4	811
608	0.5	B4	908
608	0.5	B16	909
608	1.0	A4	810

Wire N°	Wire section (mm <sup>2</sup> )	Connectors	
		Terminal	Number
609	0.5	B10	925
611	2.0	A11	812
611	0.5	A5	925
618	1.0	B1	811
618	1.0	6	933
632	2.0	A2	801
632	2.0	B3	810
634	1.0	A6	811
635	0.6	A3	810
635	0.5	B3	908
708	0.5	B4	909
709	0.5	B12	803
709	0.6	A2	914
710	0.6	B10	803
710	0.5	A3	914
715	0.5	B17	909
802	1.0	B2	804
802	0.5	A17	904
808	5.0	1	820
809	0.5	B1	810
809	0.5	B2	910
813	0.5	B2	815
813	0.5	A3	918
814	0.5	A3	815
814	0.5	B3	918
815	0.5	B3	815
815	0.5	A4	918
816	0.6	B1	815
816	0.5	A2	918
818	0.6	B10	801
819	1.0	A10	801
825	0.5	A7	924
825	0.5	B6	804
828	1.0	A4	801
829	0.5	B6	924
840	1.0	B8	822
841	0.5	A15	914
841	0.5	A7	923
846	0.5	A4	908
846	0.5	B1	920
851	0.5	4	901
851	0.5	A12	817
851	0.6	B6	818

Wire N°	Wire section (mm <sup>2</sup> )	Connectors	
		Terminal	Number
851	0.5	B8	822
851	0.5	A4	902
851	0.5	A4	904
851	0.5	A3	920
851	0.5	B12	924
854	0.5	6	901
854	0.5	A3	902
854	0.5	A2	920
858	0.5	B7	908
860	0.6	A8	815
861	0.6	B6	815
864	0.6	A7	815
867	0.6	2	824
873	0.5	A1	902
873	0.5	B5	906
874	0.5	A2	902
874	0.5	B6	906
879	0.6	A2	815
879	0.5	B2	918
880	0.6	A4	815
880	0.5	B4	918
881	0.6	B4	815
881	0.5	A5	918
888	0.6	B7	804
899	1.0	A5	815
899	1.0	B5	815
899	0.5	A6	918
899	0.5	B5	918
1012	1.0	A6	818
1012	1.0	B6	928
1013	1.0	A5	816
1013	1.0	B5	923
1014	1.0	A7	816
1014	1.0	B7	923
1015	1.0	B5	818
1015	1.0	A6	928
1016	1.0	B1	923
1025	0.6	A4	801
1025	0.5	B6	904
1026	0.6	A3	817
1035	0.5	A5	924
1047	0.5	A11	914
1078	0.6	A5	801



Wire N°	Wire section (mm <sup>2</sup> )	Connectors	
		Terminal	Number
1078	1.0	B8	904
2025	1.0	A1	920
2025	1.0	B3	904
2025	1.0	B7	904
2089	0.5	A9	924
2093	0.5	B15	909
2093	0.5	B15	909
2093	0.5	A11	920
2093	0.5	A12	920
4052	0.6	B9	817
4052	0.5	B2	914
4052	1.0	A10	924
4053	0.6	A1	801
4053	0.5	B4	906
5001	2.0	B11	920
5001	2.0	B6	920
8067	0.5	B8	904
5028	0.5	A2	904
5027	0.6	A2	822
5027	0.6	A7	811
5027	0.5	B18	910
5045	0.5	A2	924
5046	0.5	B1	924
8067	0.6	A5	801
037	1.0	A9	815
037	0.5	B9	918
038	1.0	B9	815
038	0.5	A10	918
043	0.5	B8	902
043	0.5	3	922
044	0.5	B6	902
044	0.5	4	922
064	1.0	A11	815
064	0.5	B11	918
066	1.0	A12	815
066	0.5	B12	918
067	1.0	A10	815
067	1.0	B10	918
068	1.0	B10	815
068	1.0	A11	918
069	1.0	B12	815
069	1.0	A13	918
070	1.0	B11	815

Wire N°	Wire section (mm <sup>2</sup> )	Connectors	
		Terminal	Number
070	1.0	A12	918
0012	0.5	B12	817
0012	0.5	A13	924
0013	0.5	B11	817
0013	0.5	A12	924
0023	0.5	B5	904
0027	0.6	A1	819
0027	0.6	B1	930
0029	0.6	A3	819
0029	0.6	B3	930
0031	0.6	A5	819
0031	0.6	B5	930
0032	0.6	B5	819
0032	0.6	B6	930
0045	0.5	B7	923
0046	0.5	A8	923
0056	0.5	B3	924
0056	0.5	B8	924
0056	0.5	A8	817
0081	1.0	A2	818
0081	1.0	B2	928
0082	1.0	A3	818
0082	1.0	B3	928
0083	1.0	B2	818
0083	0.5	A3	928
0084	1.0	B3	818
0084	0.5	A4	928
0086	0.5	A6	924
0087	0.5	B17	909
0088	0.5	16	901

## ELECTRICAL WIRING HARNESSSES

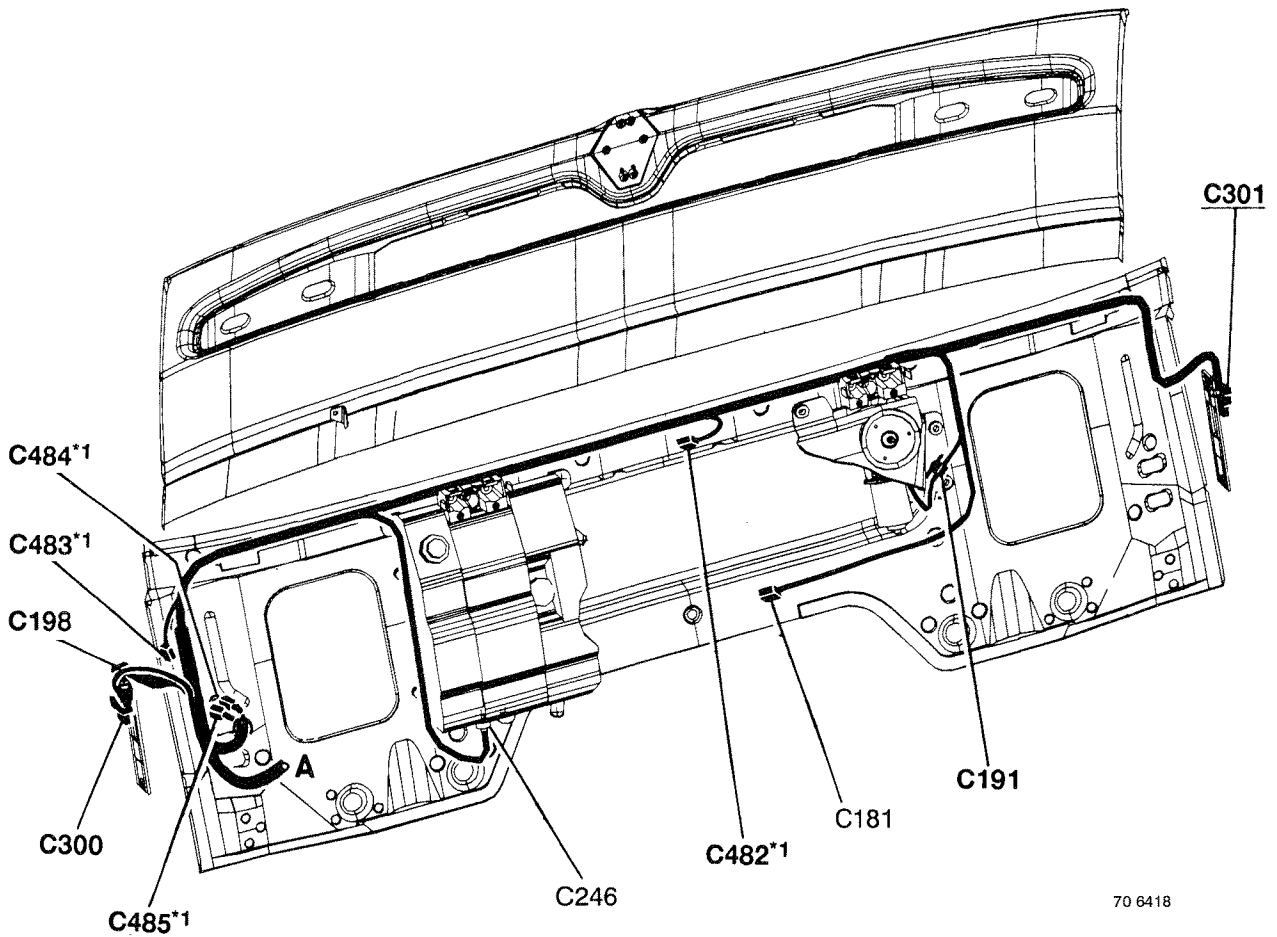
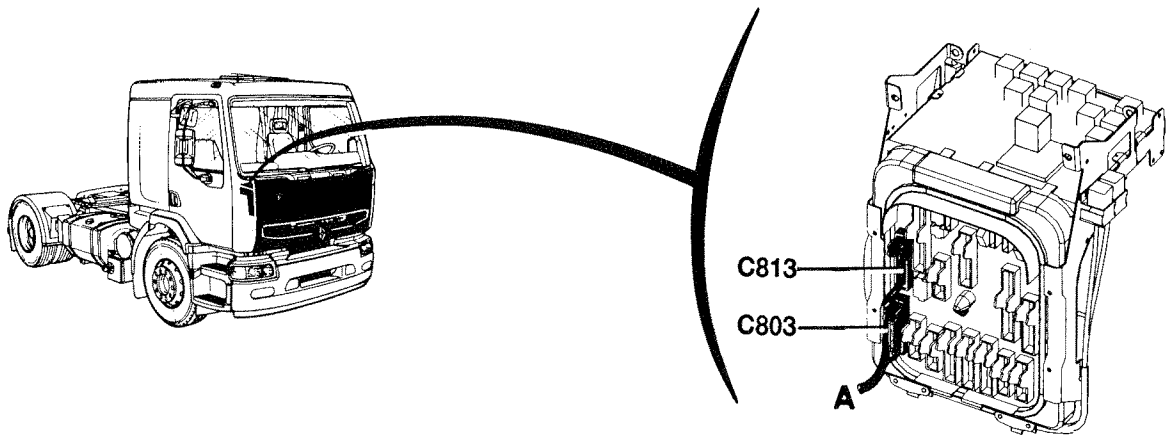
### CAB

Front end wiring harnesses .....	Ga
Doors wiring harnesses .....	Gb
Roof – Top ledge wiring harnesses .....	Gc
Bunk(s) lighting wiring harnesses .....	Gd
Cab locker lighting wiring harnesses .....	Gd
Heated seat(s) wiring harnesses .....	Ge
Independent heater wiring harnesses .....	Gf
Ventilation regulation (air conditioning) wiring harnesses .....	Gf

### CHASSIS

Engine wiring harnesses .....	Gp – Gq
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**FRONT END WIRING HARNESSES**



70 6418

Front end wiring harnesses

## Front end wiring harnesses

Connectors	Assignments
C191	5311 – Windscreen wiper motor
C193	8160 – Stop lights switch
C198	4566 – External temperature sensor
C358	4573 – Low pressure controller
C358	4576 – High pressure controller
C482 <sup>*1</sup>	4137 – Windscreen defrosting resistor
C246	8272 – Water level sensor

### Links between harnesses

C300 → C249 (Gb7)

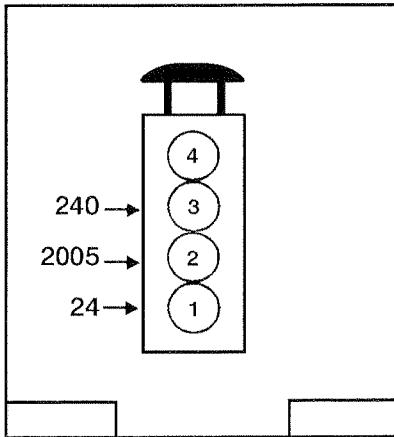
C301 → C250 (Gb3)

C483<sup>\*1</sup> → C161

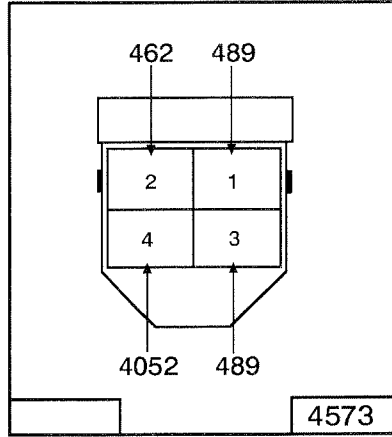
C484<sup>\*1</sup> → C486<sup>\*3</sup>

C485<sup>\*1</sup> → C487<sup>\*3</sup>

**Option 1** (\*1) includes : C482<sup>\*1</sup>, C483<sup>\*1</sup>, C484<sup>\*1</sup>, C485<sup>\*1</sup>

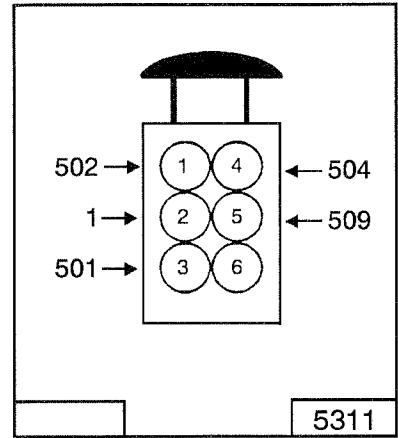


C122



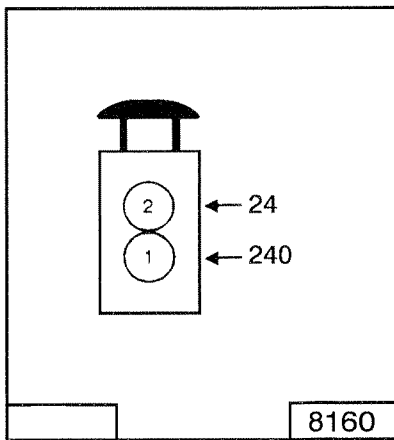
C358

4573



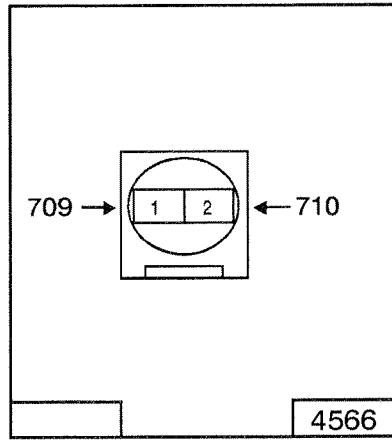
C191

5311



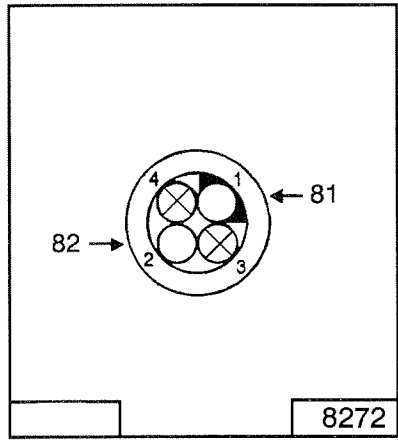
C193

8160



C198

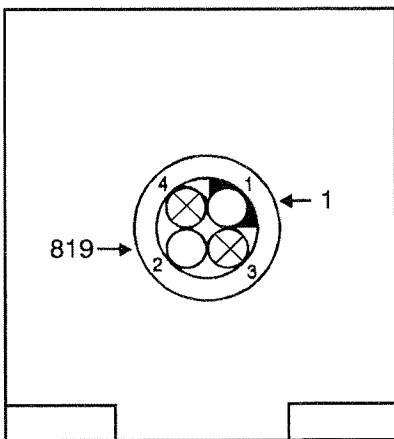
4566



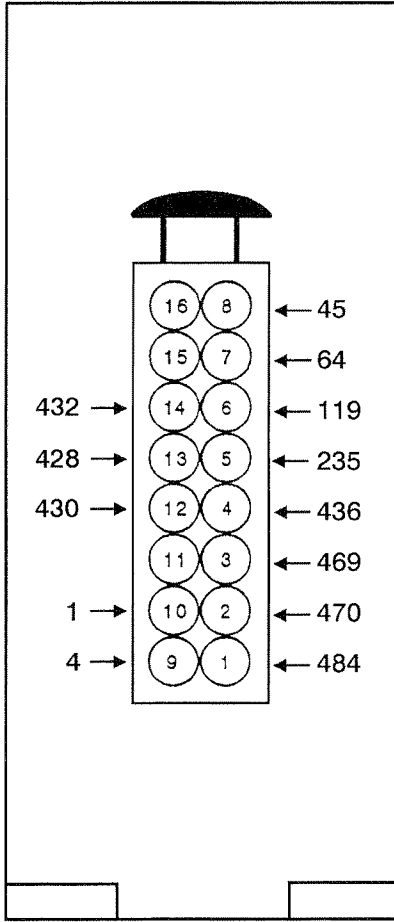
C246

8272

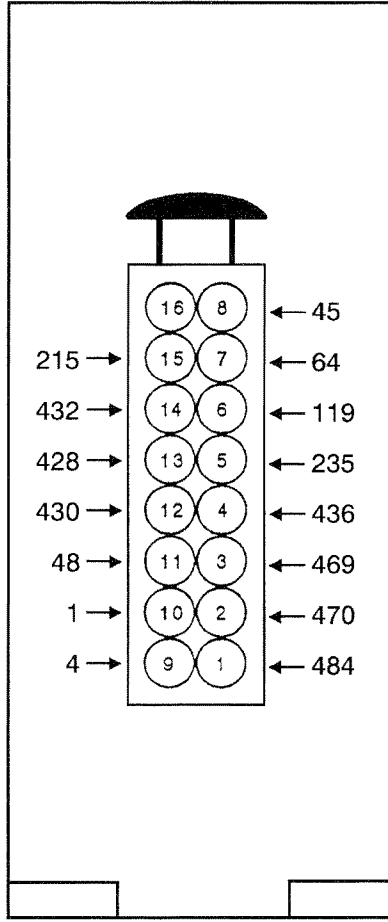
70 0939



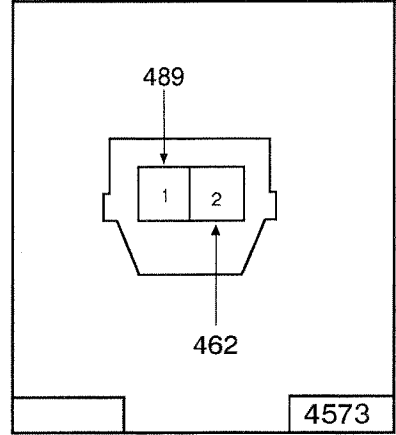
C247



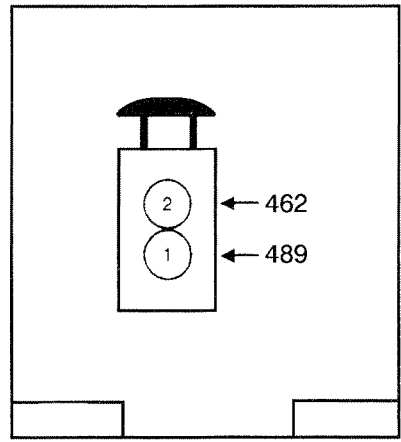
C300



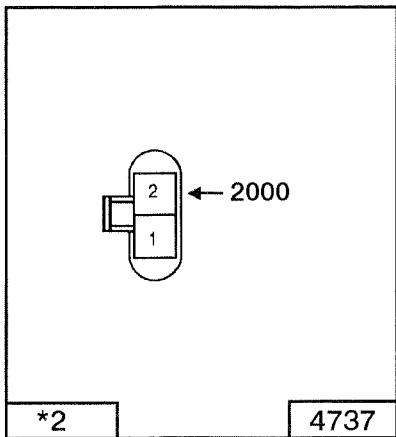
C301



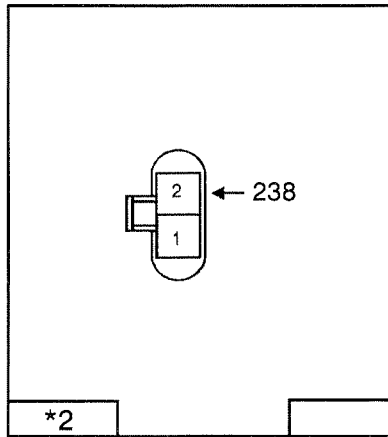
C358



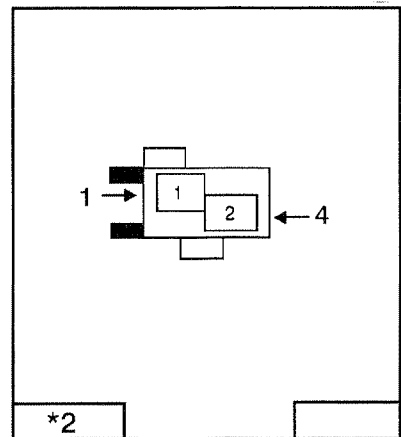
C380



C482

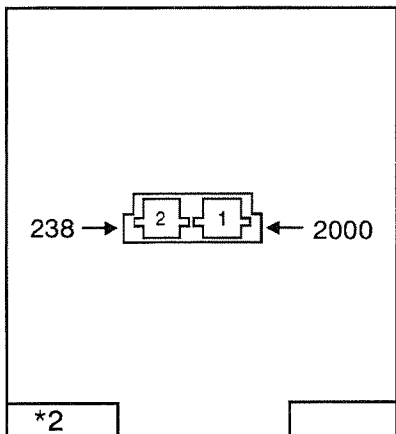


C483

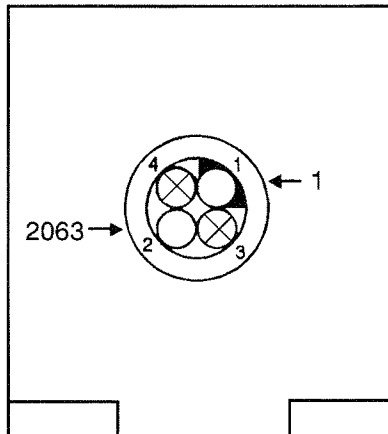


C484

70 0938



C485

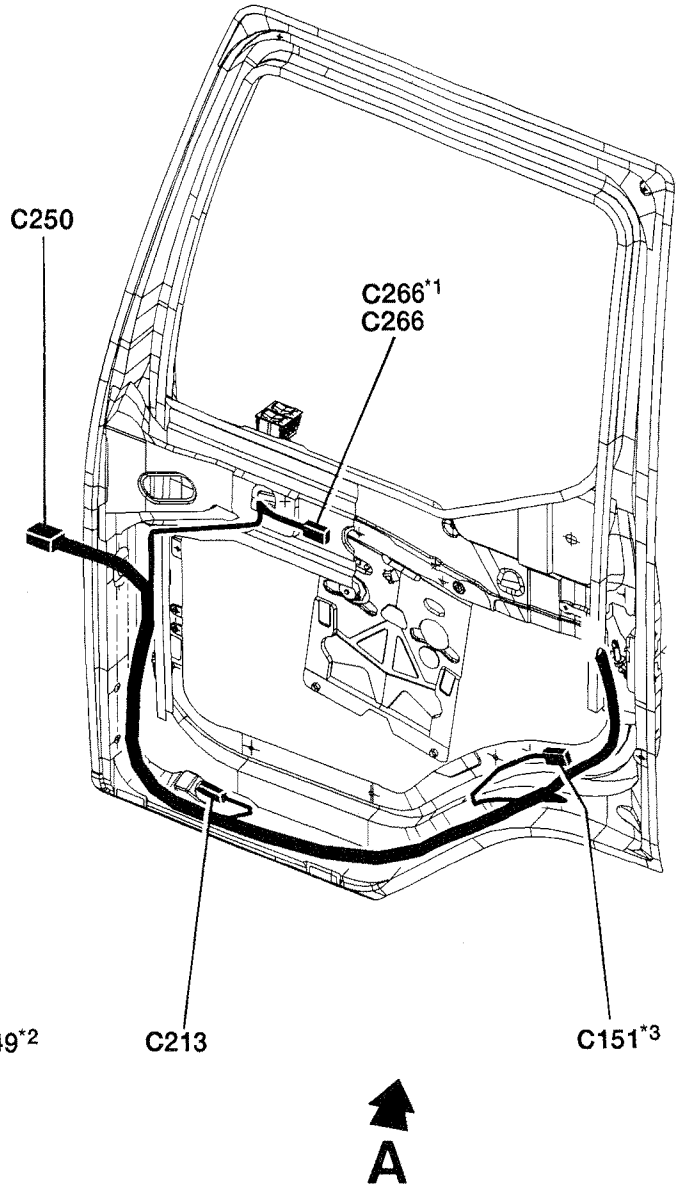
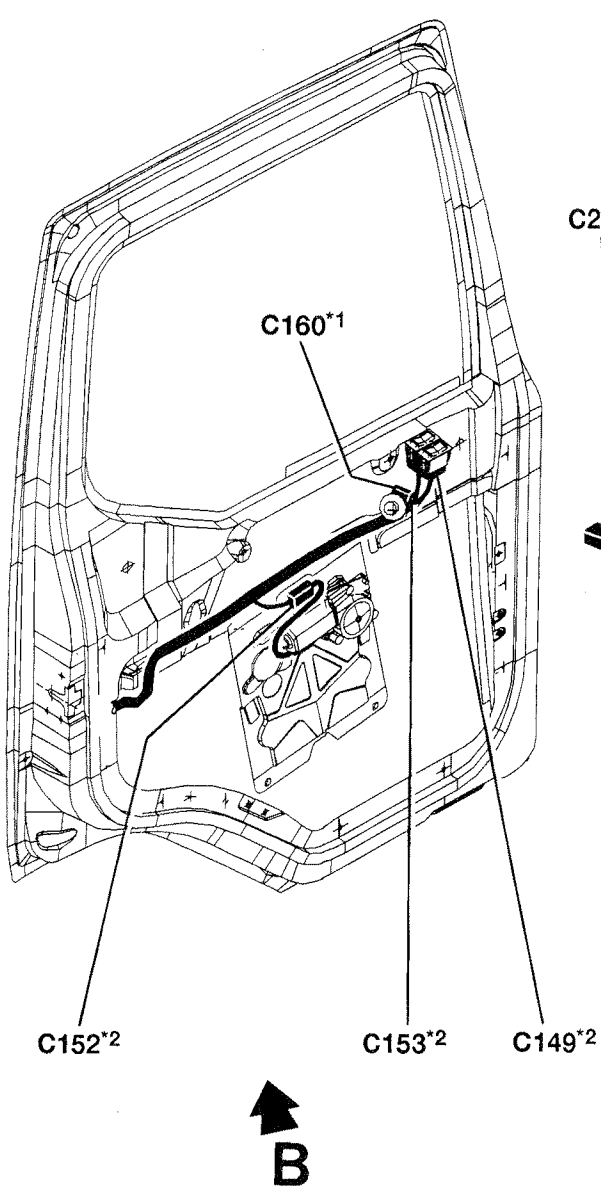
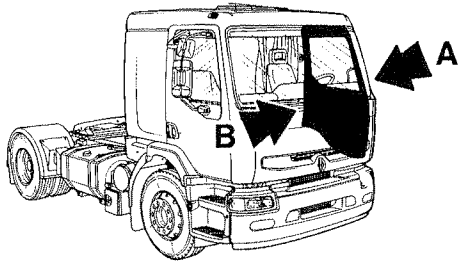


C499





**DOORS WIRING HARNESSES**



70 0120 A

Driver's door wiring harnesses

## Driver's door wiring harnesses

Connectors	Assignments
C149 <sup>*2</sup> . . . . .	4365 – Passenger's window winder control (driver's side)
C151 <sup>*3</sup> . . . . .	4048 – Driver's side electric door striker
C152 <sup>*2</sup> . . . . .	4311 – Driver's window winder motor
C153 <sup>*2</sup> . . . . .	4361 – Driver's window winder control
C160 <sup>*1</sup> . . . . .	4161 – External rearview mirrors swivelling control
C213 . . . . .	4650 – Driver's step lighting
C266 . . . . .	4122 – LH swivelling defrosting rearview mirror
C266 <sup>*1</sup> . . . . .	4122 – LH swivelling defrosting rearview mirror

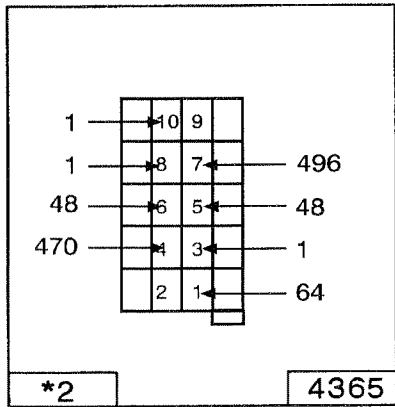
### Links between harnesses

C250 → C301 (Ga2)

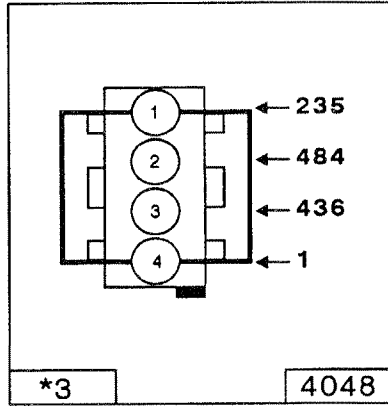
**Option 1** (\*1) includes : C160<sup>\*1</sup>, C266<sup>\*1</sup>

**Option 2** (\*2) includes : C149<sup>\*2</sup>, C152<sup>\*2</sup>, C153<sup>\*2</sup>

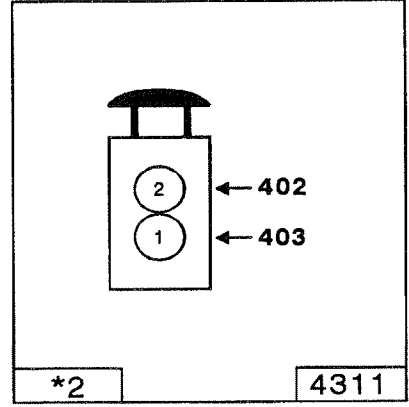
**Option 3** (\*3) includes : C151<sup>\*3</sup>



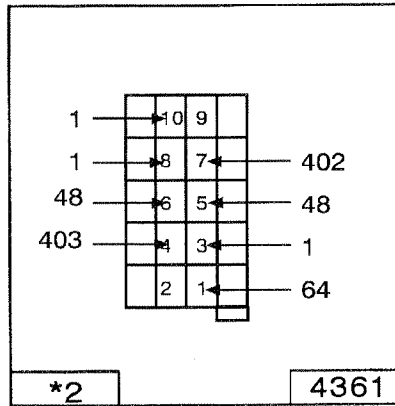
C149



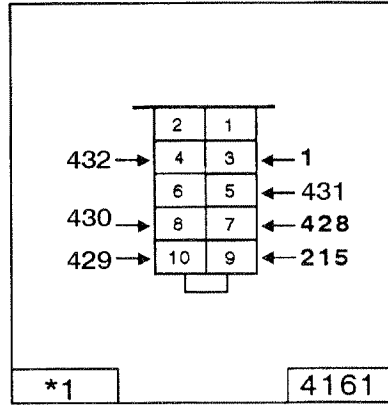
C151



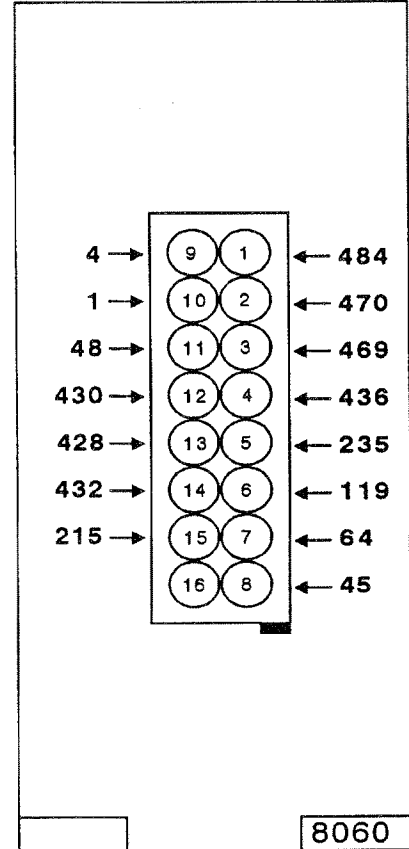
C152



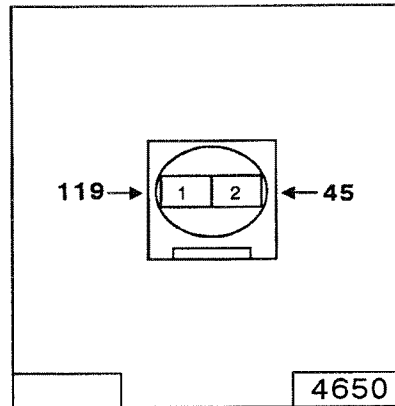
C153



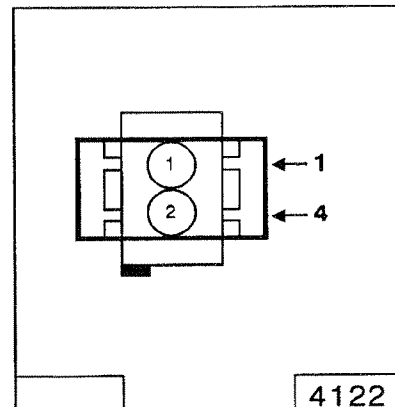
C160



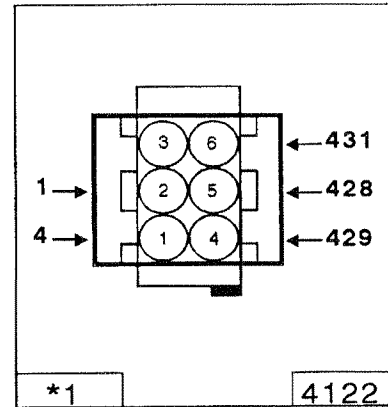
C250



C213



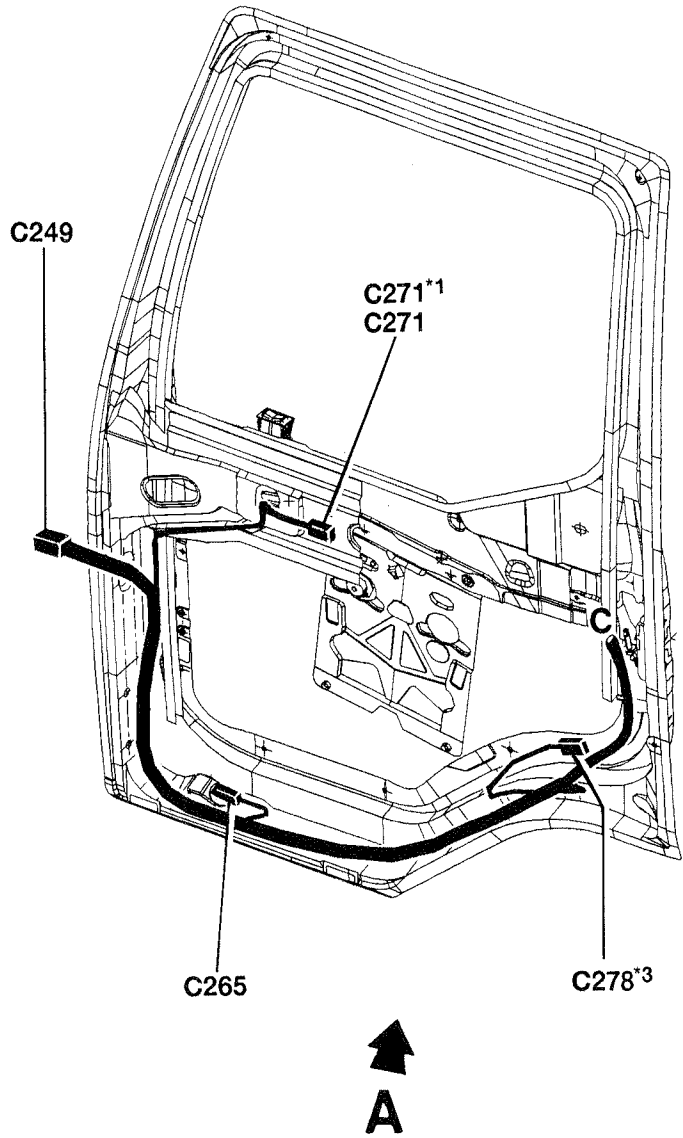
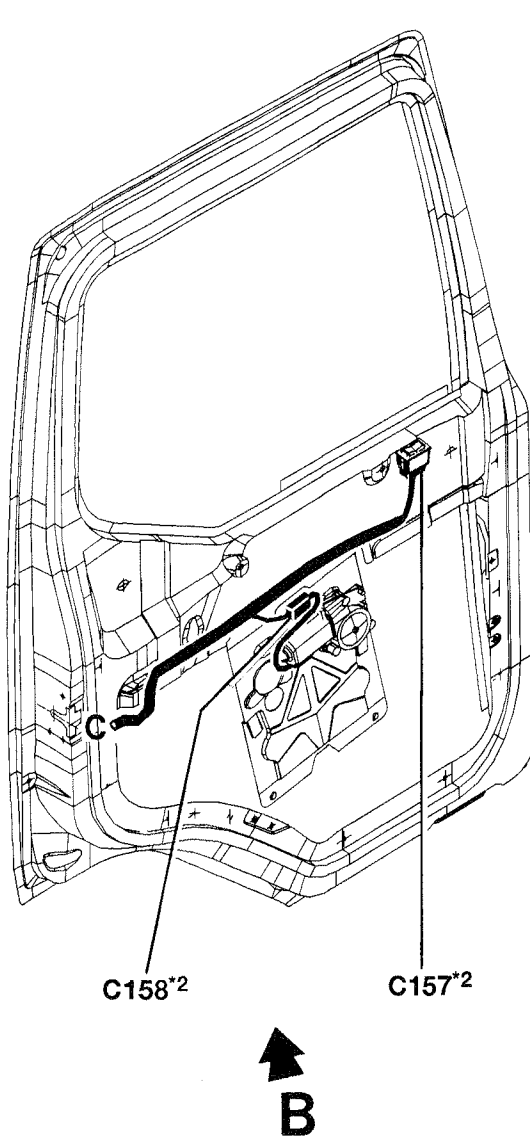
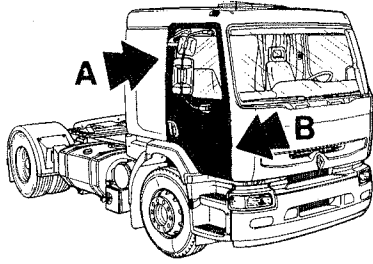
C266



C266

70 0941





70 0123 A

Passenger's door wiring harnesses

## Passenger's door wiring harnesses

Connectors	Assignments
C157* <sup>2</sup> . . . . .	4362 – Passenger's window winder control
C158* <sup>2</sup> . . . . .	4312 – Passenger's window winder motor
C265 . . . . .	4651 – Passenger's step lighting
C271 . . . . .	4123 – RH swivelling defrosting rearview mirror
C271* <sup>1</sup> . . . . .	4123 – RH swivelling defrosting rearview mirror
C278* <sup>3</sup> . . . . .	4047 – Passenger's side electric door striker

### Links between harnesses

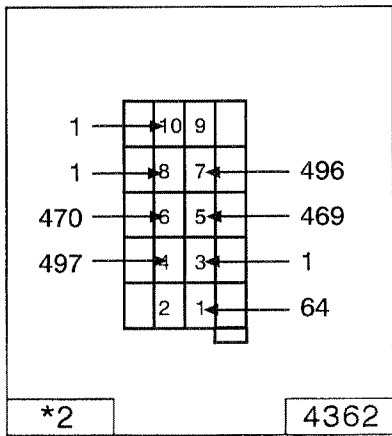
C249 → C300 (Ga2)

Option 1 (\*<sup>1</sup>) includes : C271\*<sup>1</sup>

Option 2 (\*<sup>2</sup>) includes : C157\*<sup>2</sup>, C158\*<sup>2</sup>

Option 3 (\*<sup>3</sup>) includes : C278\*<sup>3</sup>

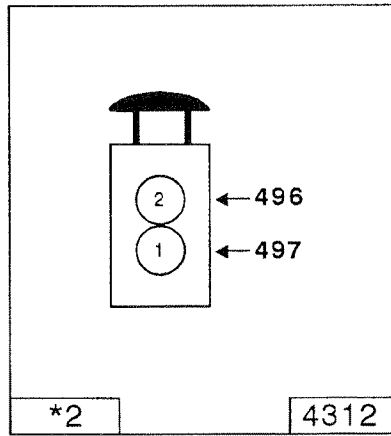




C157

\*2

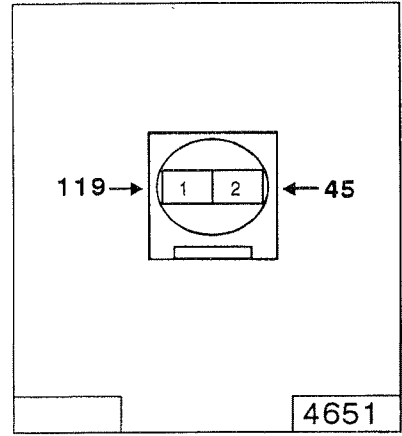
4362



C158

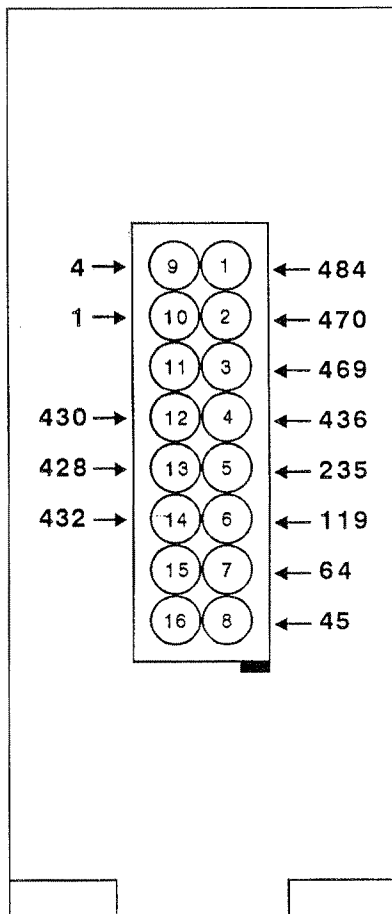
\*2

4312

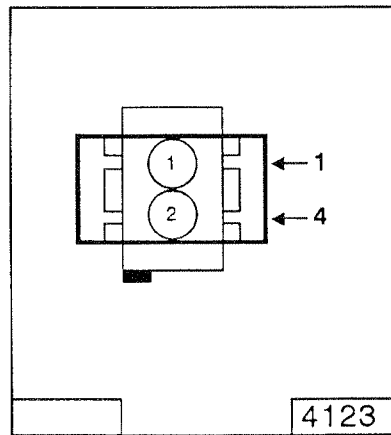


C265

4651

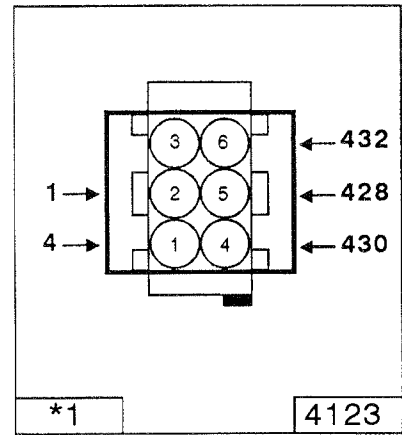


C249



C271

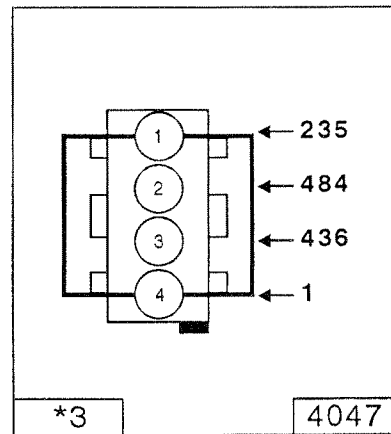
4123



C271

\*1

4123



C278

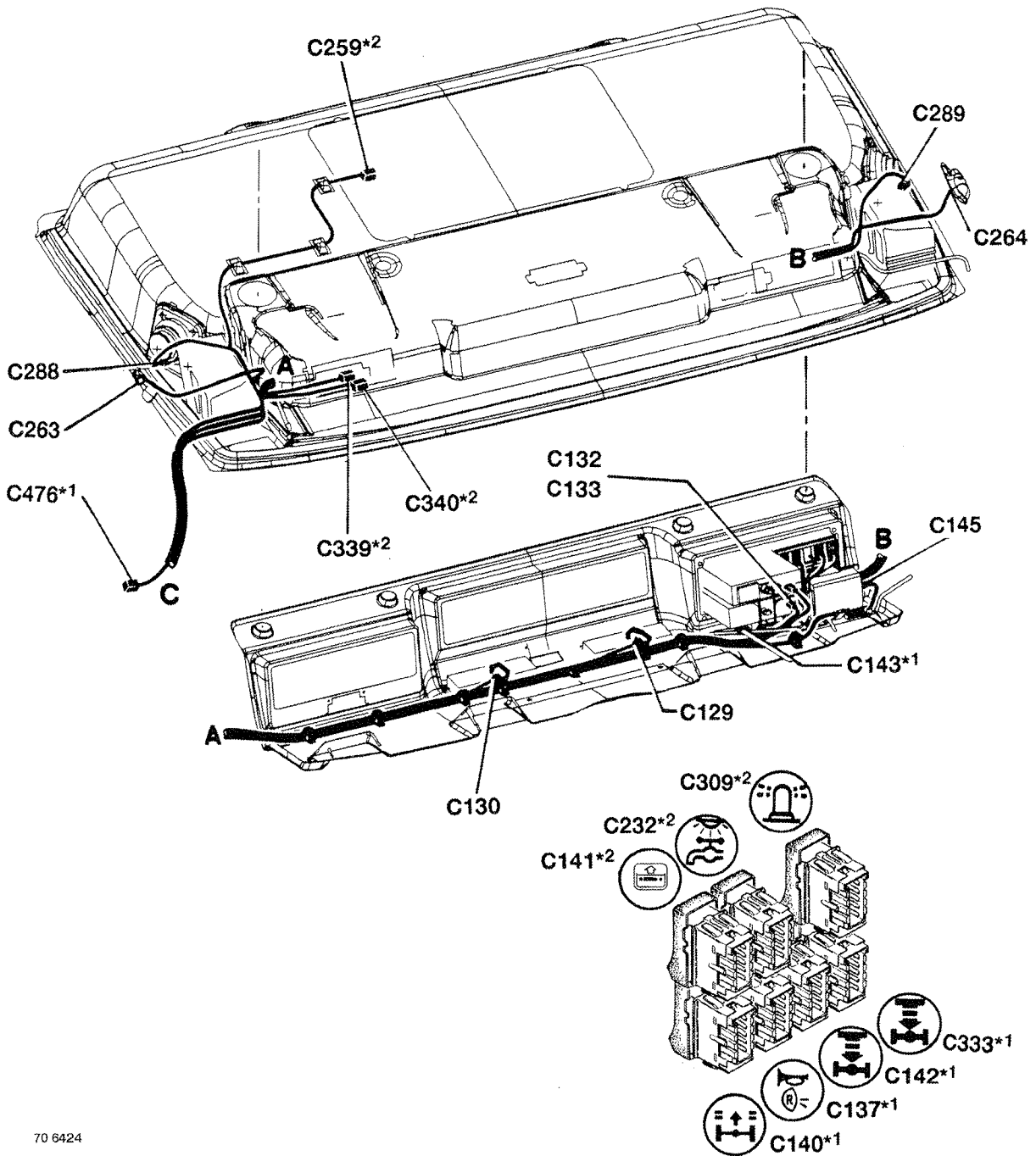
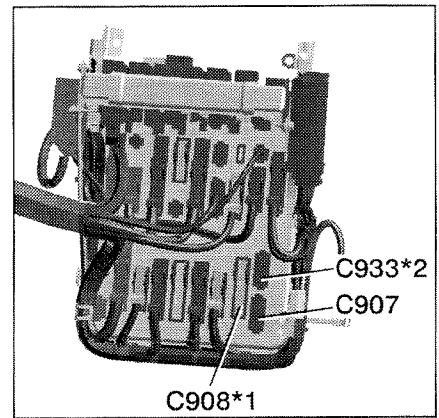
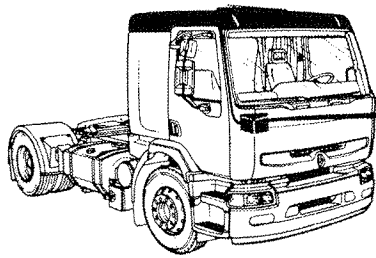
4047

\*3

70 0940



**ROOF WIRING HARNESSES  
TOP LEDGE WIRING HARNESSES**



70 6424

Standard roof – Top ledge wiring harnesses

## Standard roof – Top ledge wiring harnesses

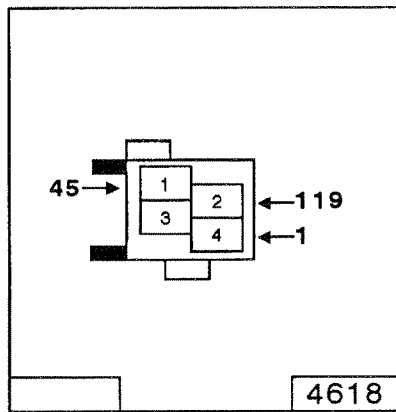
Connectors	Assignments
C129	4618 – Driver's overhead lamp
C130	4625 – Passenger's overhead lamp
C132	4202 – Radio (loudspeakers)
C133	4202 – Radio (power supply)
C137 <sup>*1</sup>	6365 – Reverse gear buzzer control
C140 <sup>*1</sup>	8060 – "ASR" off-road control
C141 <sup>*2</sup>	4160 – Electric roof ventilator control
C142 <sup>*1</sup>	8569 – Lift-up axle load shedding control
C143 <sup>*1</sup>	4001 – Doors central locking box
C145	4209 – Voltage dropper (telecommunications)
C232 <sup>*2</sup>	5561 – Gate valves illumination control
C259 <sup>*2</sup>	4135 – Electric roof ventilator motor
C263	3611 – RH front marker lamp
C264	3612 – LH front marker lamp
C288	4221 – Passenger's loudspeaker
C289	4214 – Driver's loudspeaker
C309 <sup>*2</sup>	3462 – Revolving beacon(s) control
C333 <sup>*1</sup>	8569 – Lift-up axle load shedding control
C339 <sup>*2</sup>	3417 – Revolving beacon 1
C340 <sup>*2</sup>	3418 – Revolving beacon 2

### Links between harnesses

C476<sup>\*1</sup> → C477<sup>\*1</sup>

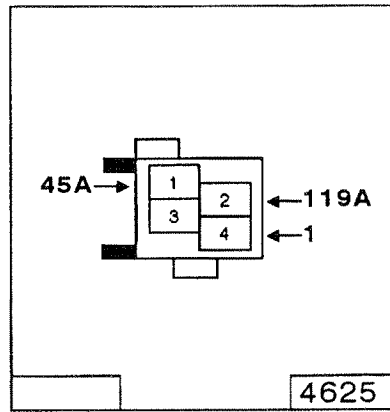
**Option 1** (\*1) includes : C137<sup>\*1</sup>, C140<sup>\*1</sup>, C142<sup>\*1</sup>, C143<sup>\*1</sup>, C333<sup>\*1</sup>, C476<sup>\*1</sup>

**Option 2** (\*2) includes : C141<sup>\*2</sup>, C232<sup>\*2</sup>, C259<sup>\*2</sup>, C309<sup>\*2</sup>, C339<sup>\*2</sup>, C340<sup>\*2</sup>



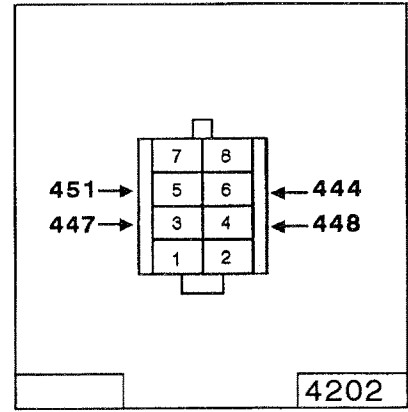
C129

4618



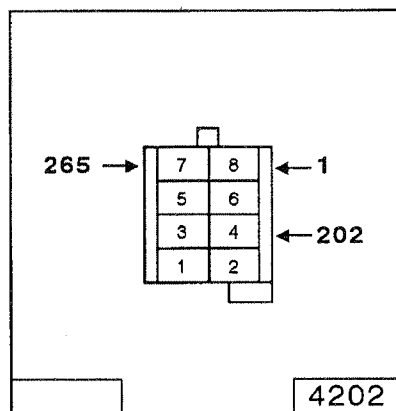
C130

4625



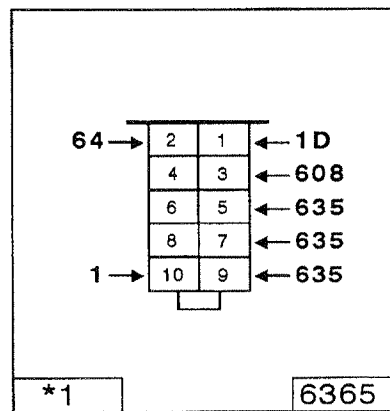
C132

4202



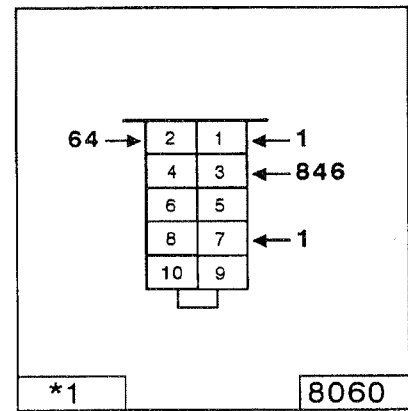
C133

4202



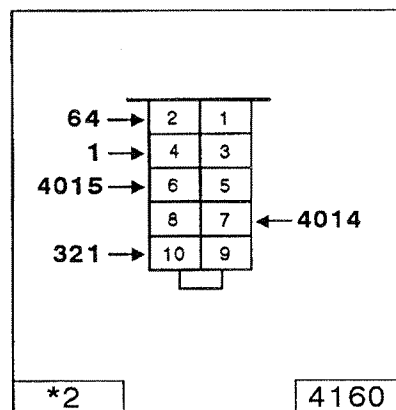
C137

\*1 6365



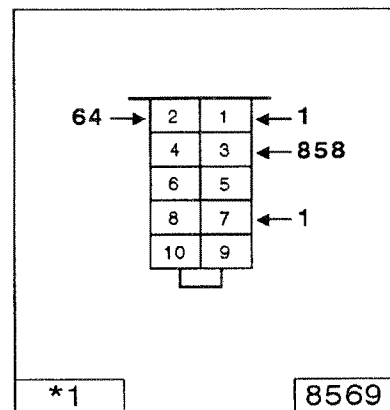
C140

\*1 8060



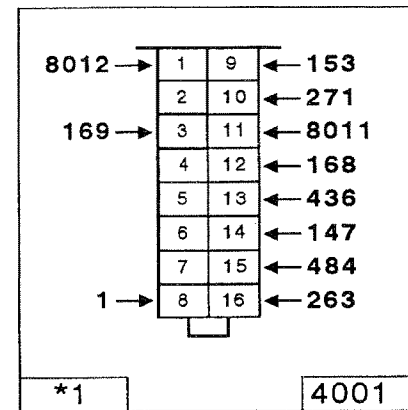
C141

\*2 4160



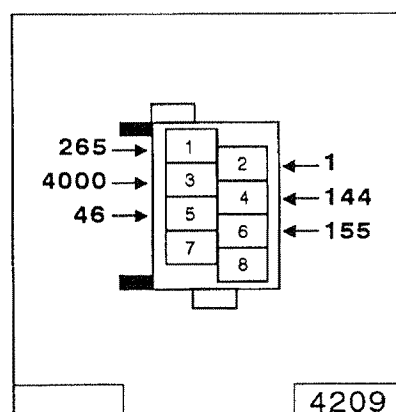
C142

\*1 8569



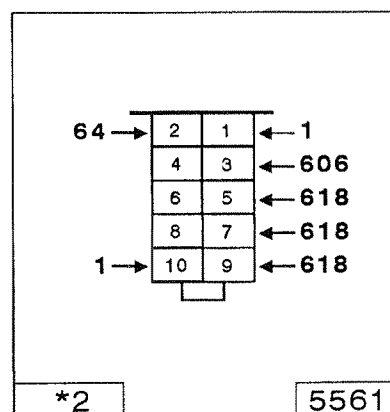
C143

\*1 4001



C145

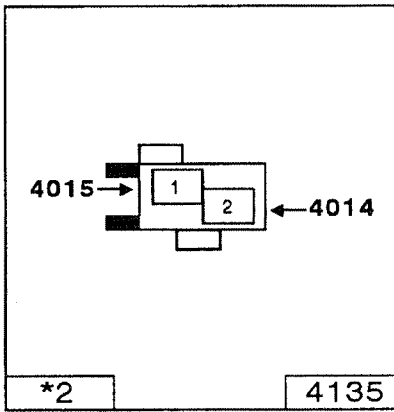
4209



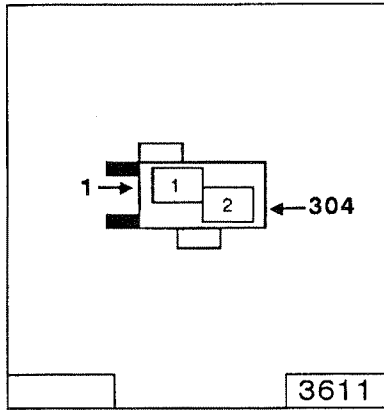
C232

\*2 5561

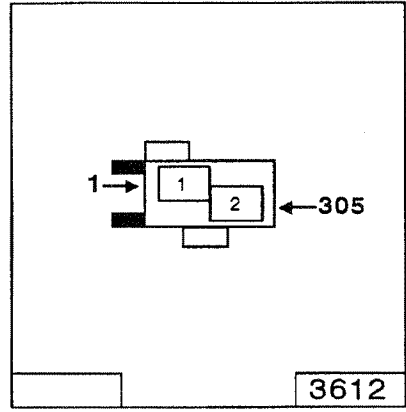
70 6417



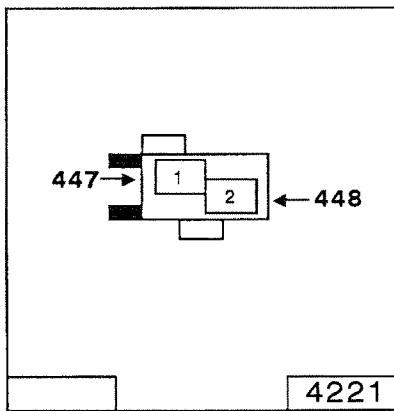
C259



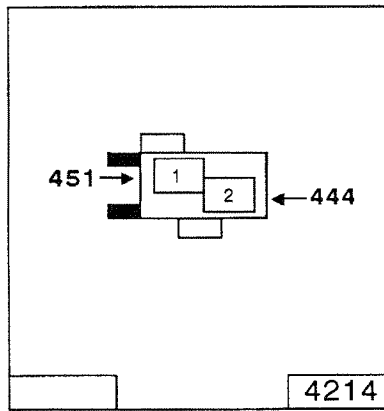
C263



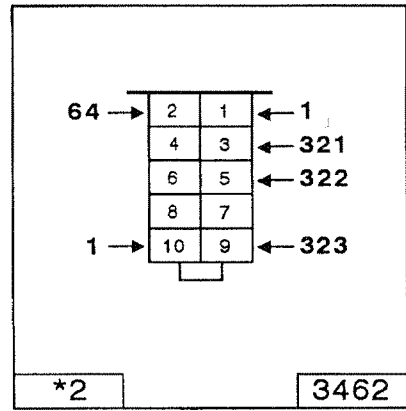
C264



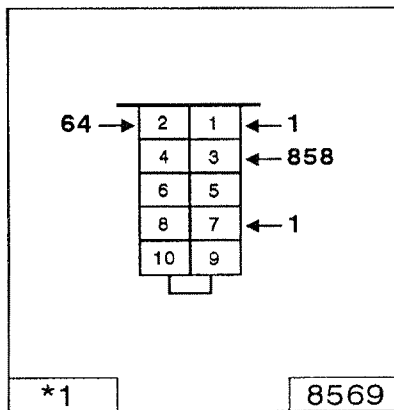
C288



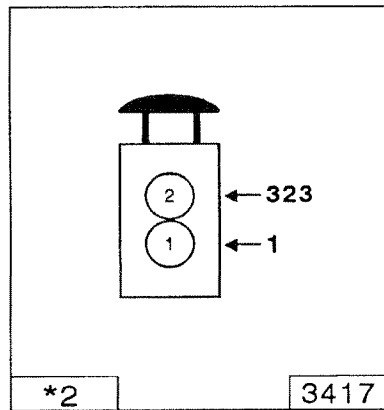
C289



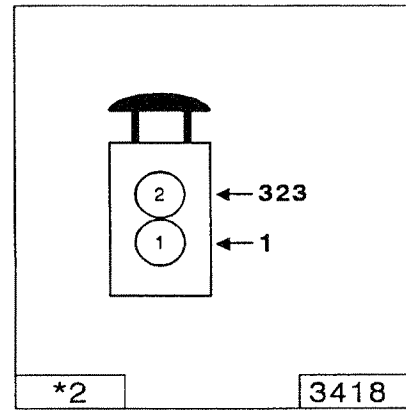
C309



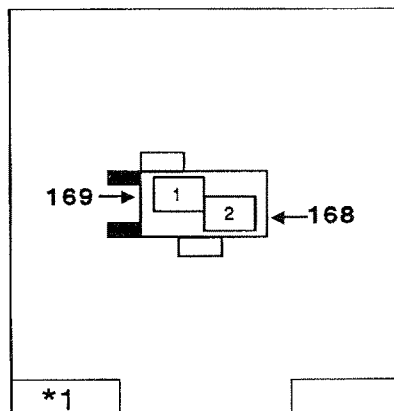
C333



C339

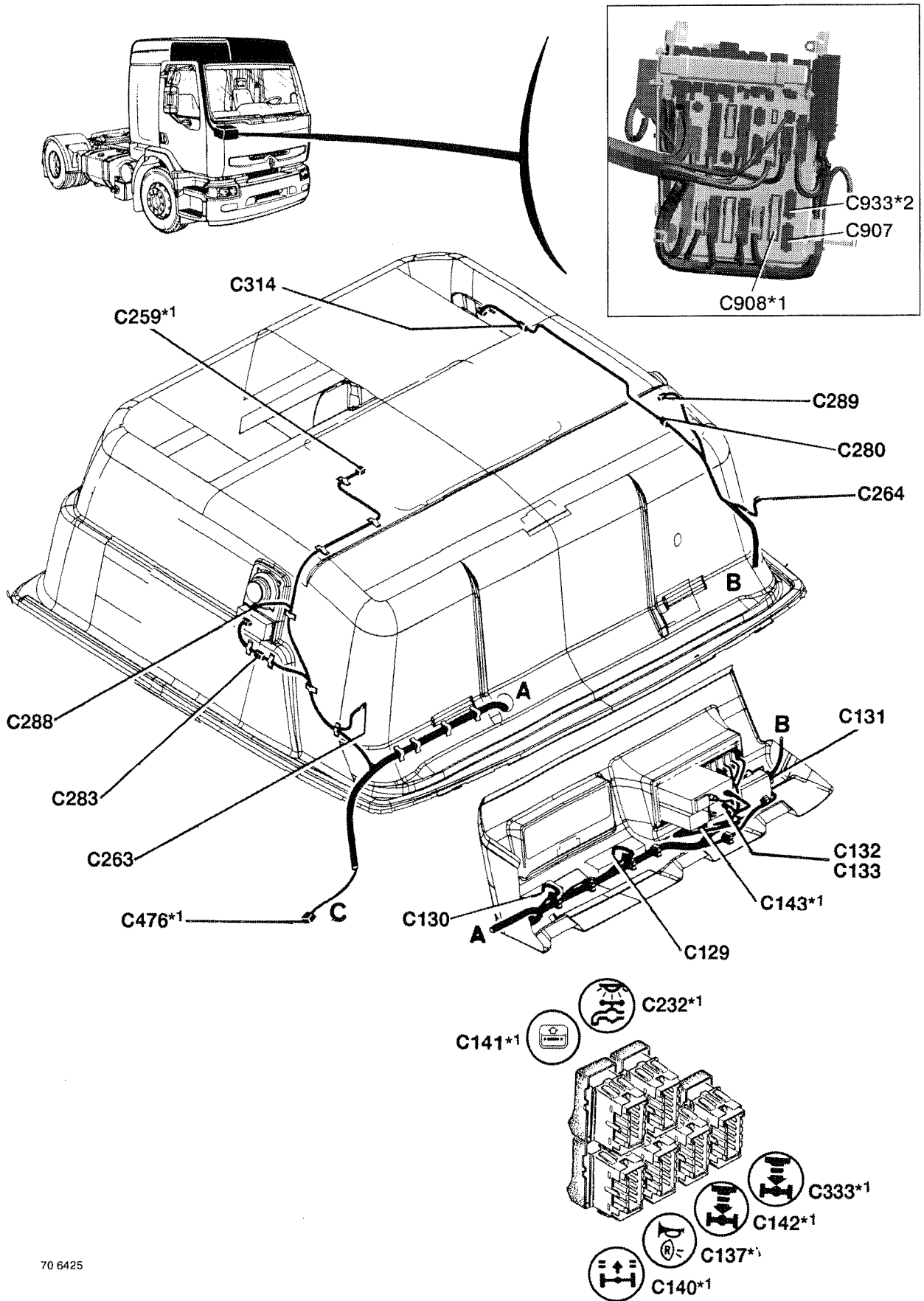


C340



C476

70 0081B



70 6425

**Raised roof – Top ledge wiring harnesses**



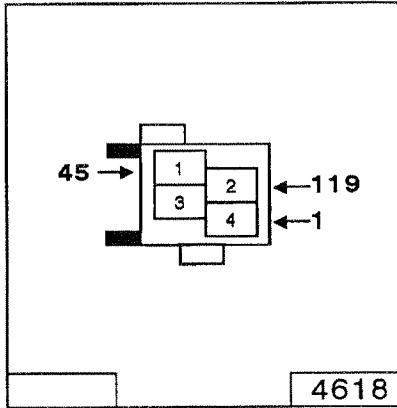
## Raised roof – Top ledge wiring harnesses

Connectors	Assignments
C129	4618 – Driver's overhead lamp
C130	4625 – Passenger's overhead lamp
C131	4209 – Voltage dropper (telecommunications)
C132	4202 – Radio (loudspeakers)
C133	4202 – Radio (power supply)
C137*1	6365 – Reverse gear buzzer control
C140*1	8060 – "ASR" off-road control
C141*1	4160 – Electric roof ventilator control
C142*1	8569 – Lift-up axle load shedding control
C143*1	4001 – Doors central locking box
C232*1	5561 – Gate valves illumination control
C259*1	4135 – Electric roof ventilator motor
C263	3611 – RH front marker lamp
C264	3612 – LH front marker lamp
C280	4618 – Driver's overhead lamp
C283	4625 – Passenger's overhead lamp
C288	4221 – Passenger's loudspeaker
C289	4214 – Driver's loudspeaker
C314*1	4617 – Top bunk overhead lamp
C333*1	8569 – Lift-up axle load shedding control

### Links between harnesses

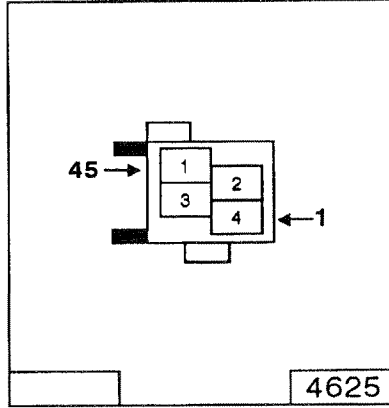
C476\*1 → C477\*1

**Option 1** (\*1) includes : C137\*1, C140\*1, C141\*1, C142\*1, C143\*1, C232\*1, C259\*1, C333\*1, C476\*1



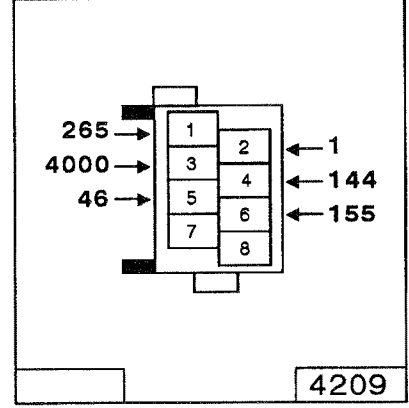
C129

4618



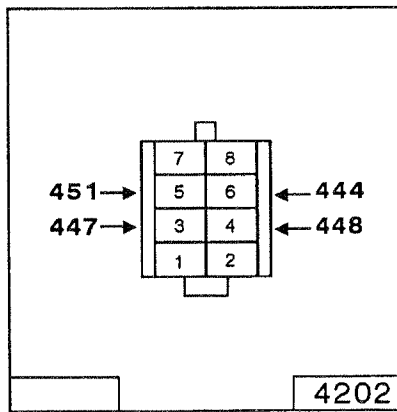
C130

4625



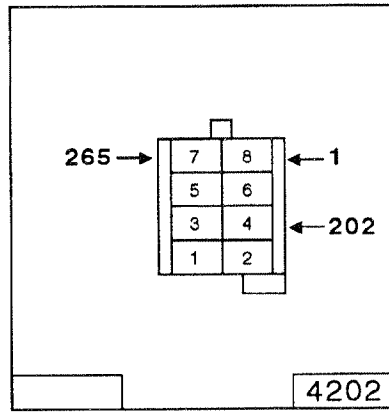
C131

4209



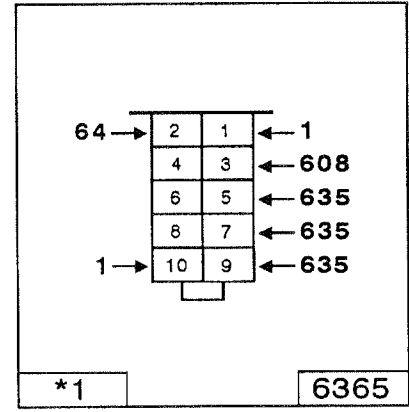
C132

4202



C133

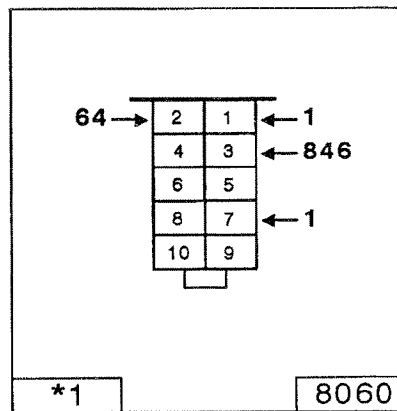
4202



C137

\*1

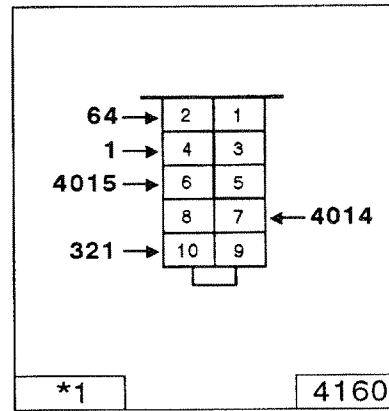
6365



C140

8060

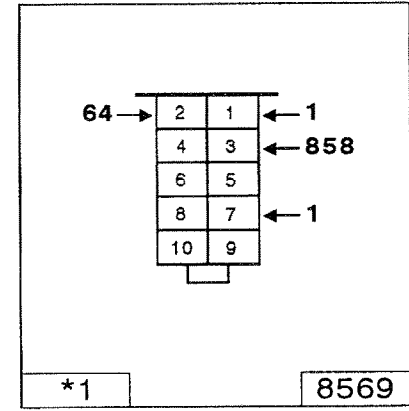
\*1



C141

4160

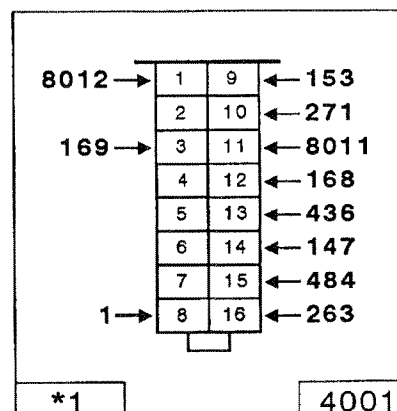
\*1



C142

\*1

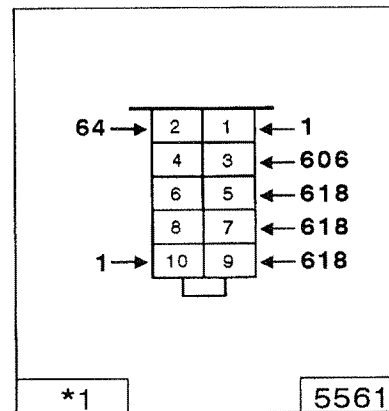
8569



C143

4001

\*1

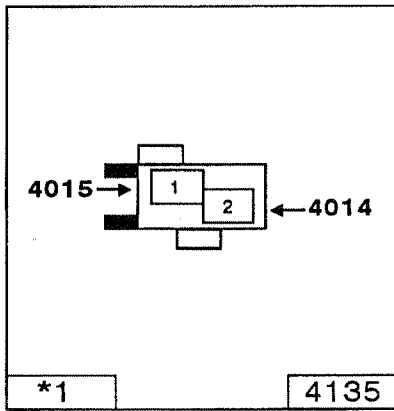


C232

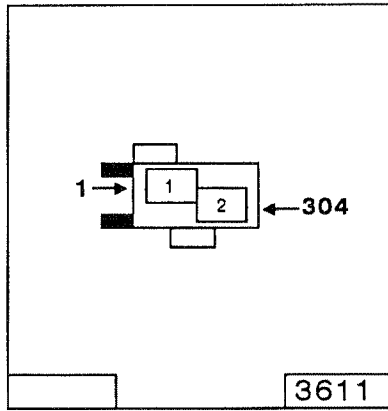
5561

\*1

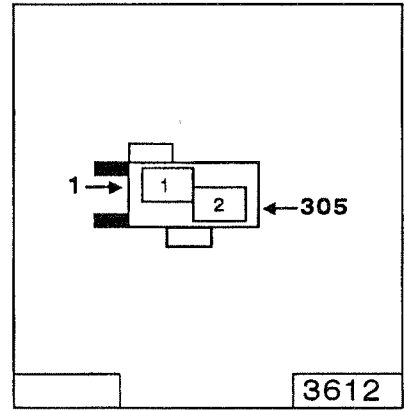
70 0084B



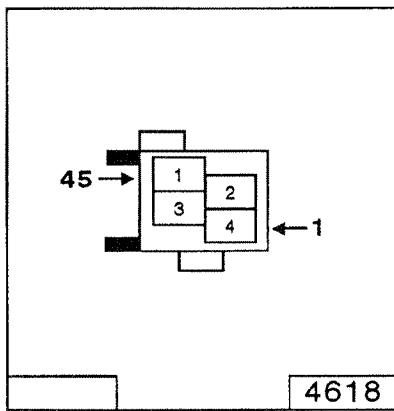
C259



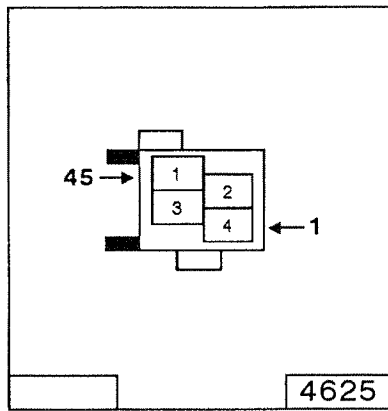
C263



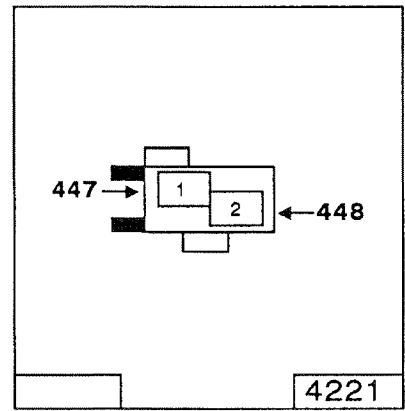
C264



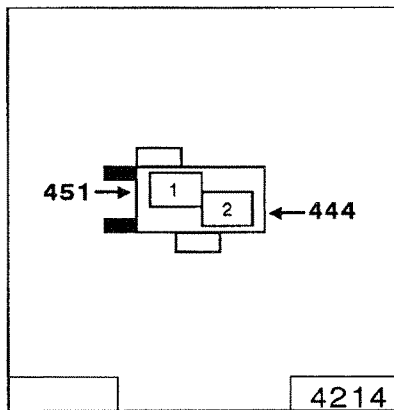
C280



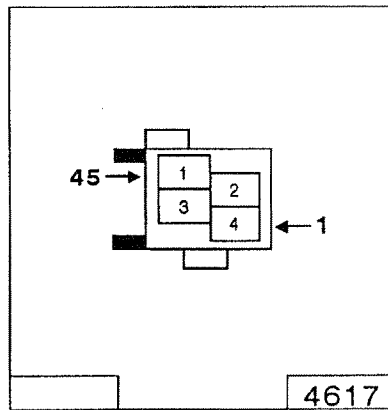
C283



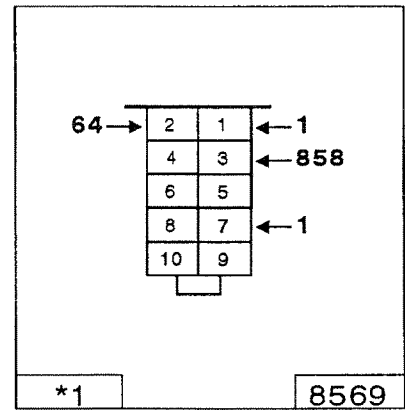
C288



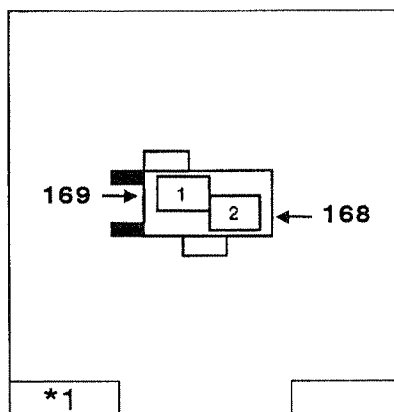
C289



C314

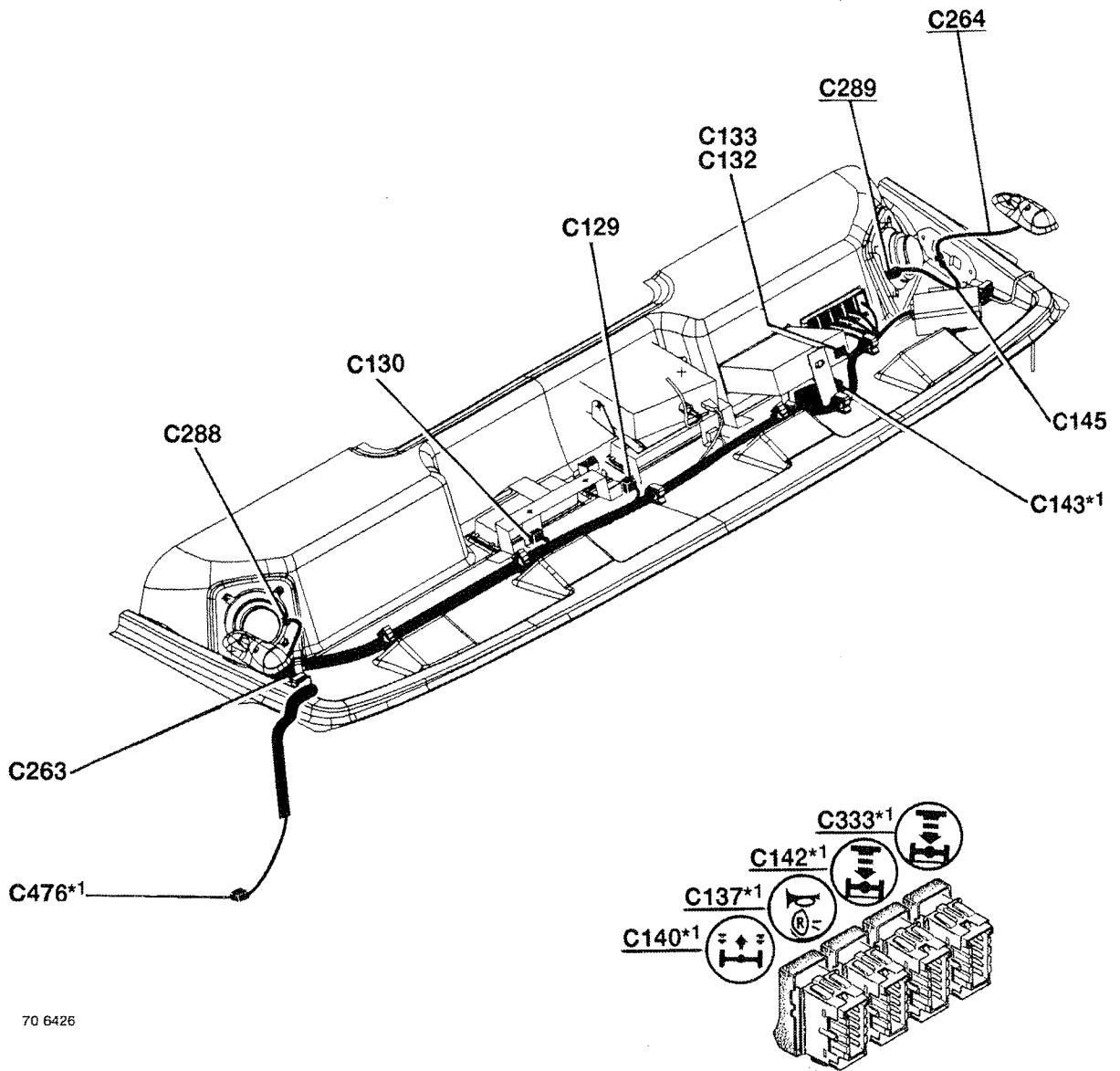
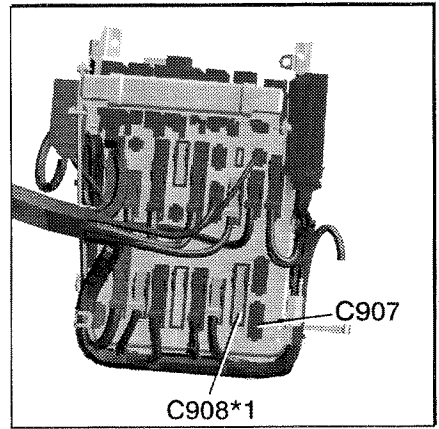
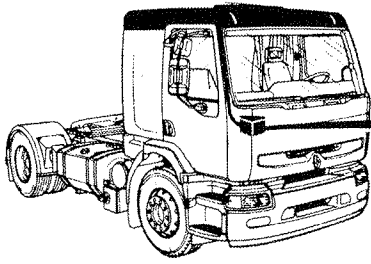


C333



C476

70 0085B



70 6426

Car transporter roof – Top ledge wiring harnesses

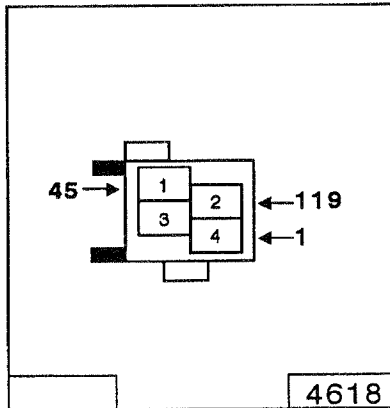
## Car transporter roof – Top ledge wiring harnesses

Connectors	Assignments
<b>C129</b> .....	4618 – Driver's overhead lamp
<b>C130</b> .....	4625 – Passenger's overhead lamp
<b>C132</b> .....	4202 – Radio (loudspeakers)
<b>C133</b> .....	4202 – Radio (power supply)
<b>C137<sup>*1</sup></b> .....	6365 – Reverse gear buzzer control
<b>C140<sup>*1</sup></b> .....	8060 – "ASR" off-road control
<b>C142<sup>*1</sup></b> .....	8569 – Lift-up axle load shedding control
<b>C143<sup>*1</sup></b> .....	4001 – Doors central locking box
<b>C263</b> .....	3611 – RH front marker lamp
<b>C264</b> .....	3612 – LH front marker lamp
<b>C288</b> .....	4221 – Passenger's loudspeaker
<b>C289</b> .....	4214 – Driver's loudspeaker
<b>C333<sup>*1</sup></b> .....	8569 – Lift-up axle load shedding control

### Links between harnesses

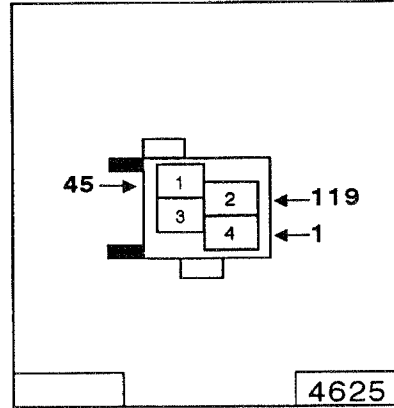
**C476<sup>\*1</sup>** → **C477<sup>\*1</sup>**

**Option 1** (<sup>\*1</sup>) includes: **C137<sup>\*1</sup>**, **C140<sup>\*1</sup>**, **C142<sup>\*1</sup>**, **C143<sup>\*1</sup>**, **C333<sup>\*1</sup>**, **C476<sup>\*1</sup>**



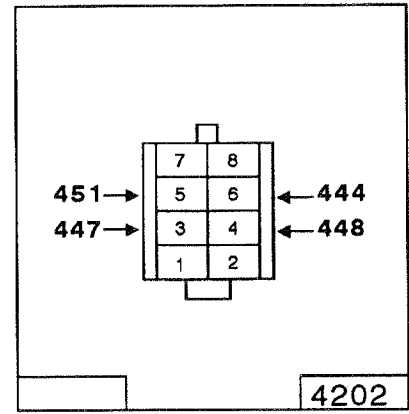
C129

4618



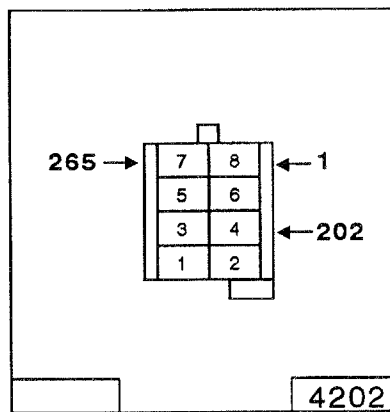
C130

4625



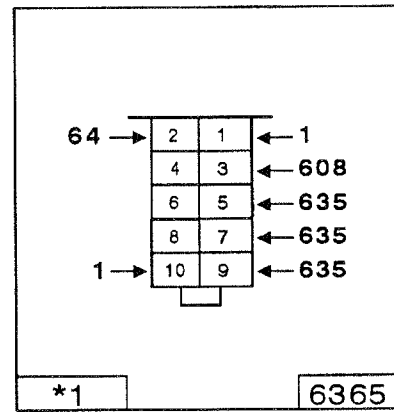
C132

4202



C133

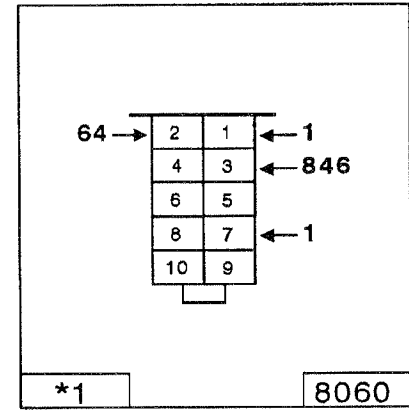
4202



C137

6365

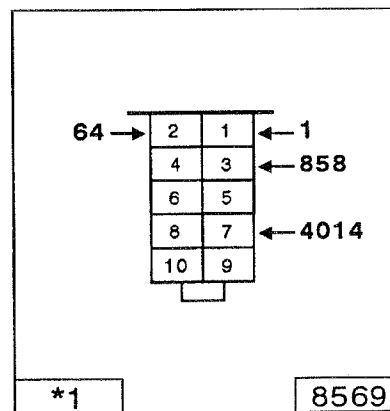
\*1



C140

8060

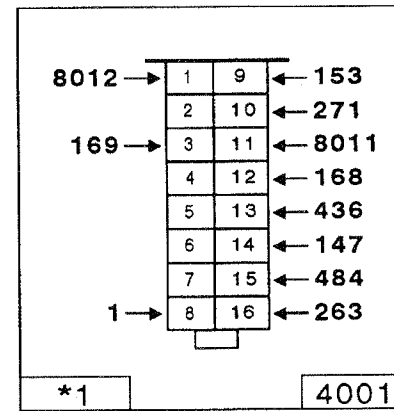
\*1



C142

8569

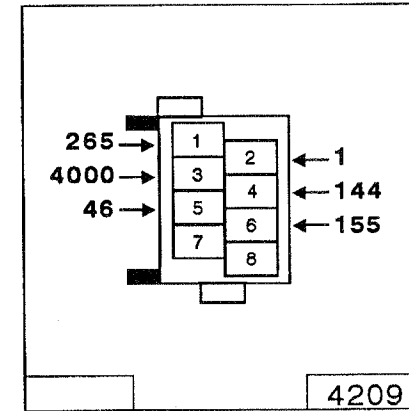
\*1



C143

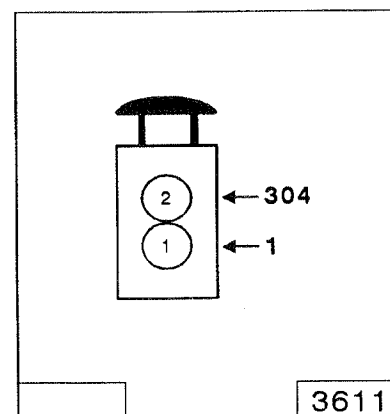
4001

\*1



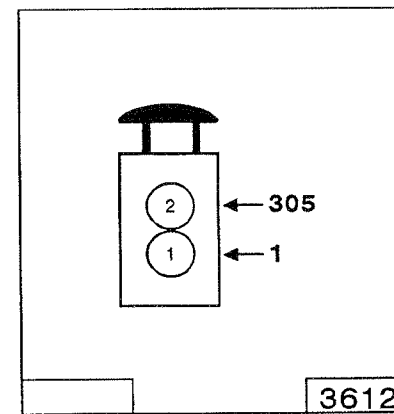
C145

4209



C263

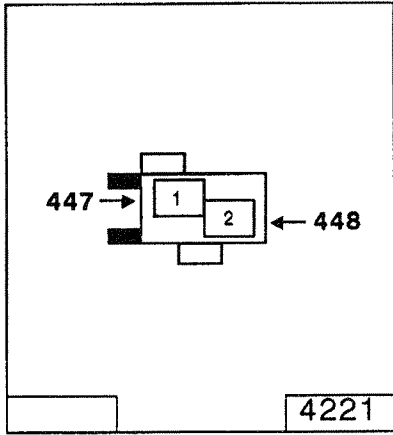
3611



C264

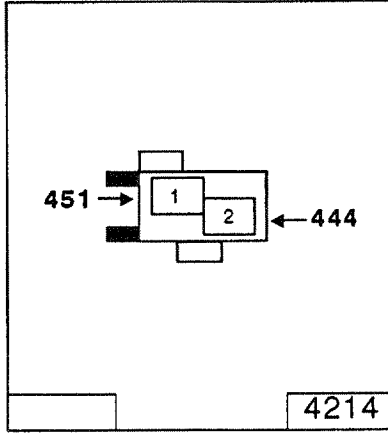
3612

70 0088B



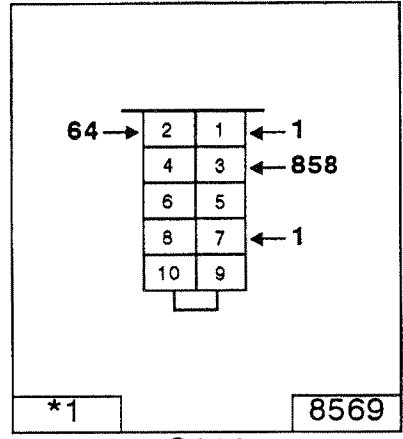
C288

4221



C289

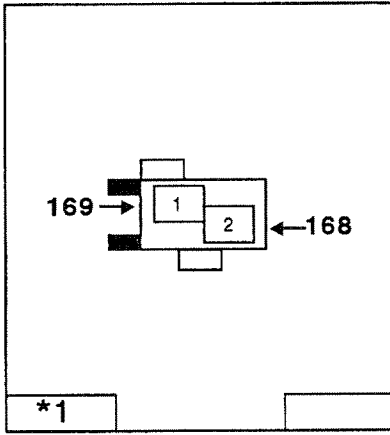
4214



C333

\*1

8569



C476

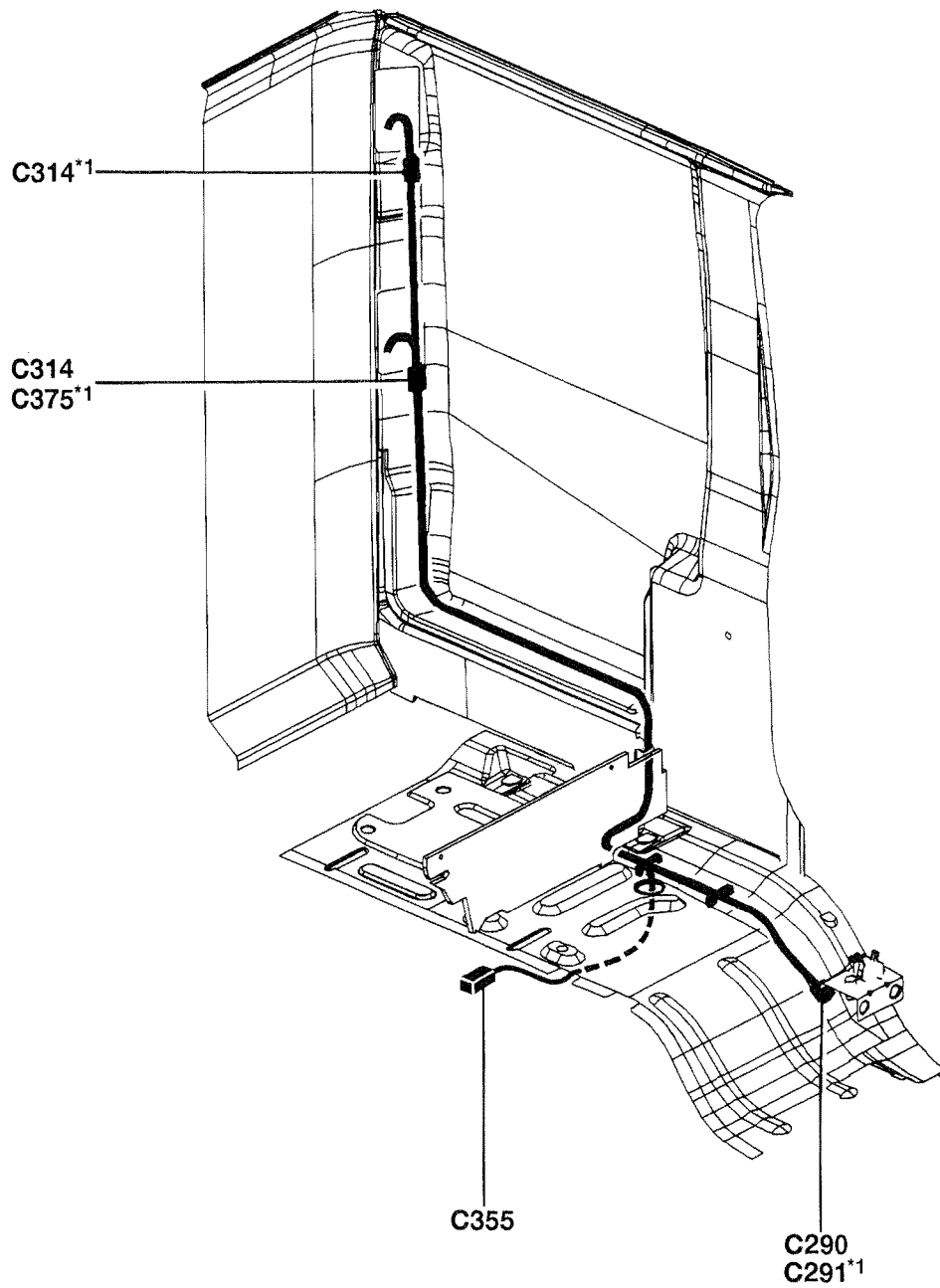
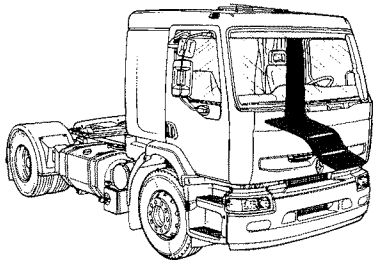
\*1

70 0089B





**BUNK(S) LIGHTING WIRING HARNESSES  
CAB LOCKER LIGHTING WIRING HARNESSES**



70 0133A

**Bunk(s) lighting wiring harnesses**

**Bunk(s) lighting wiring harnesses****Cab locker lighting wiring harnesses**

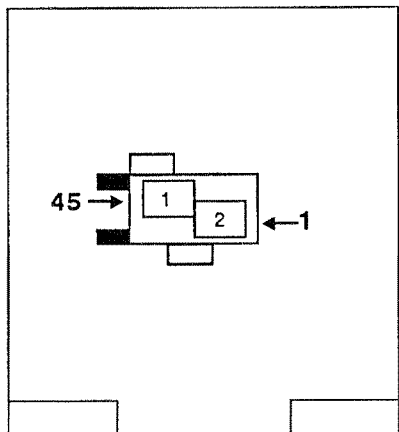
<b>Connectors</b>	<b>Assignments</b>
<b>C314</b> .....	4621 – Bottom bunk overhead lamp
<b>C314<sup>*1</sup></b> .....	4617 – Top bunk overhead lamp
<b>C355</b> .....	4652 – Bunk locker lighting
<b>C375<sup>*1</sup></b> .....	4621 – Bottom bunk overhead lamp

**Links between harnesses**

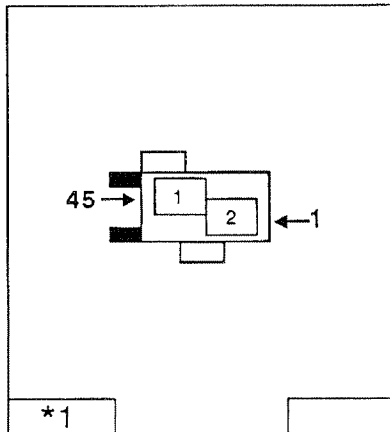
**C290** → *C312*

**C291<sup>\*1</sup>** → *C312*

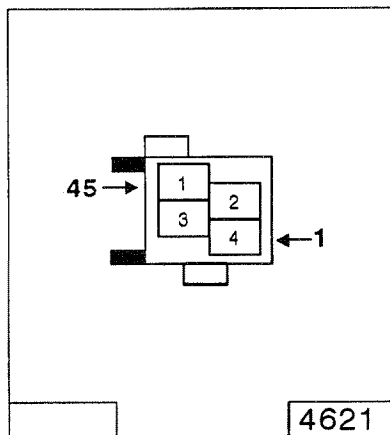
**Option 1** (<sup>\*1</sup>) includes : C291<sup>\*1</sup>, C314<sup>\*1</sup>, C375<sup>\*1</sup>



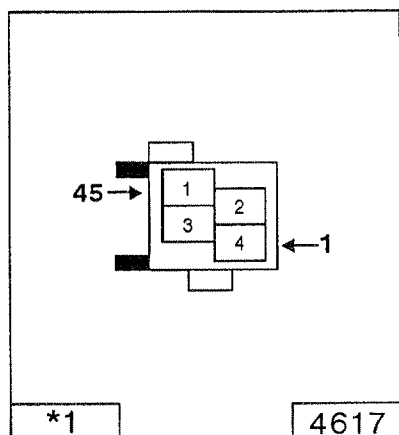
C290



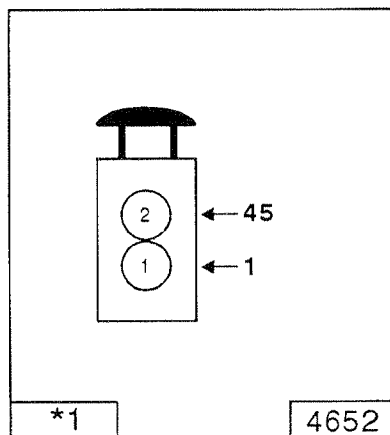
C291



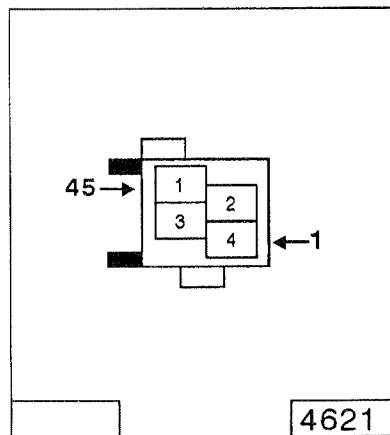
C314



C314



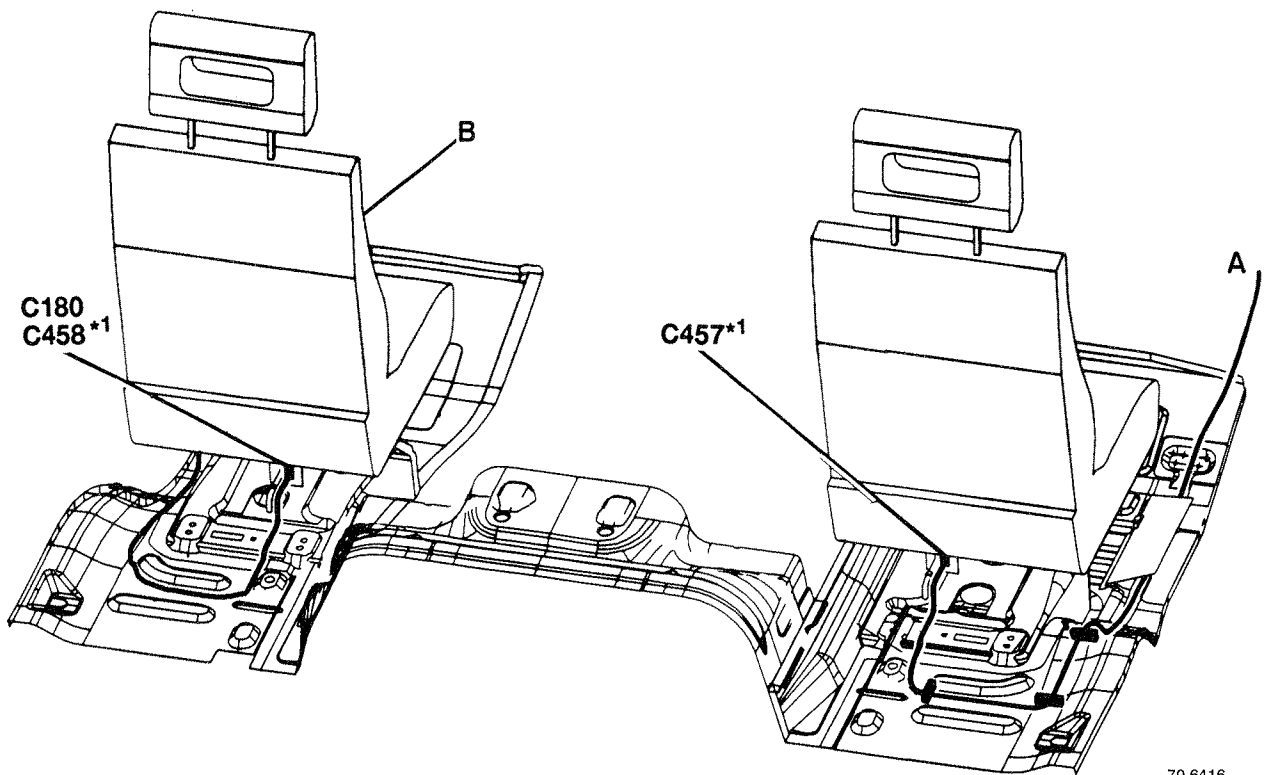
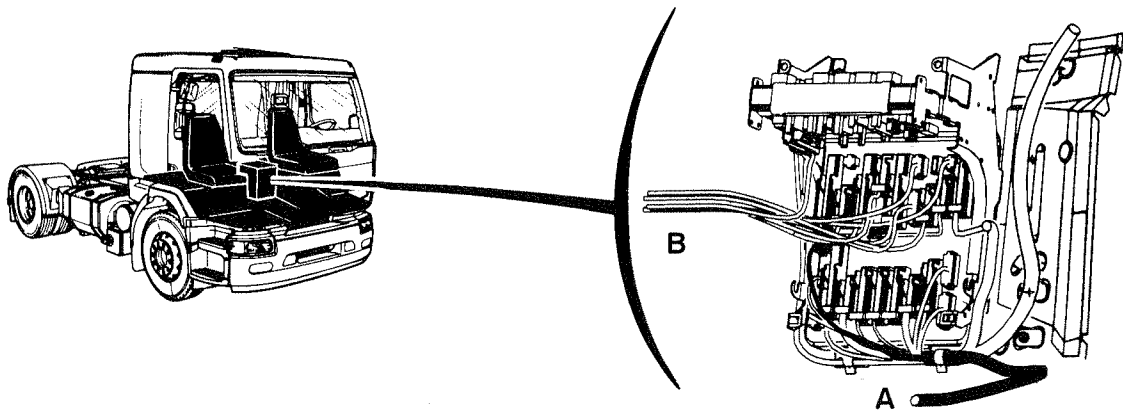
C355



C375

70 0134B

**HEATED SEAT(S) WIRING HARNESSES**



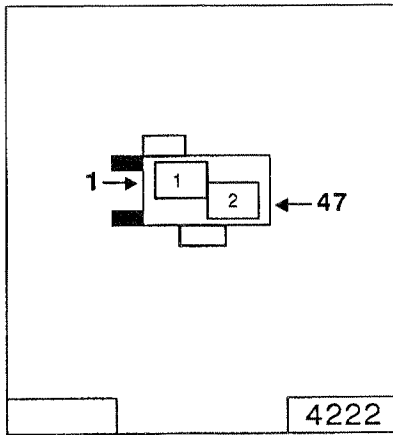
70 6416

Heated seat(s) wiring harnesses

## Heated seat(s) wiring harnesses

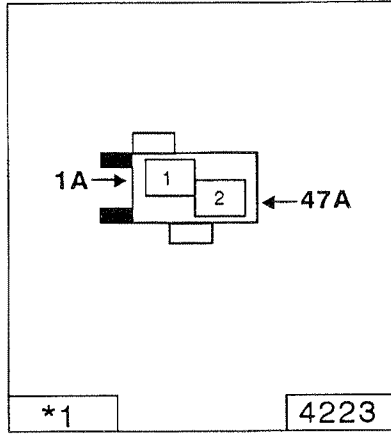
Connectors	Assignments
C180	4222 – Driver's heated seat
C457*1	4223 – Passenger's heated seat
C458*1	4222 – Driver's heated seat

Option 1 (\*1) includes : C457\*1, C458\*1



C180

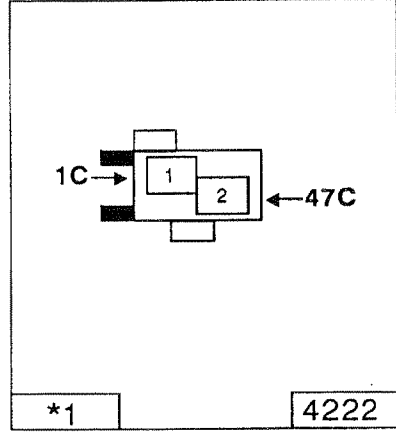
4222



C457

\*1

4223



C458

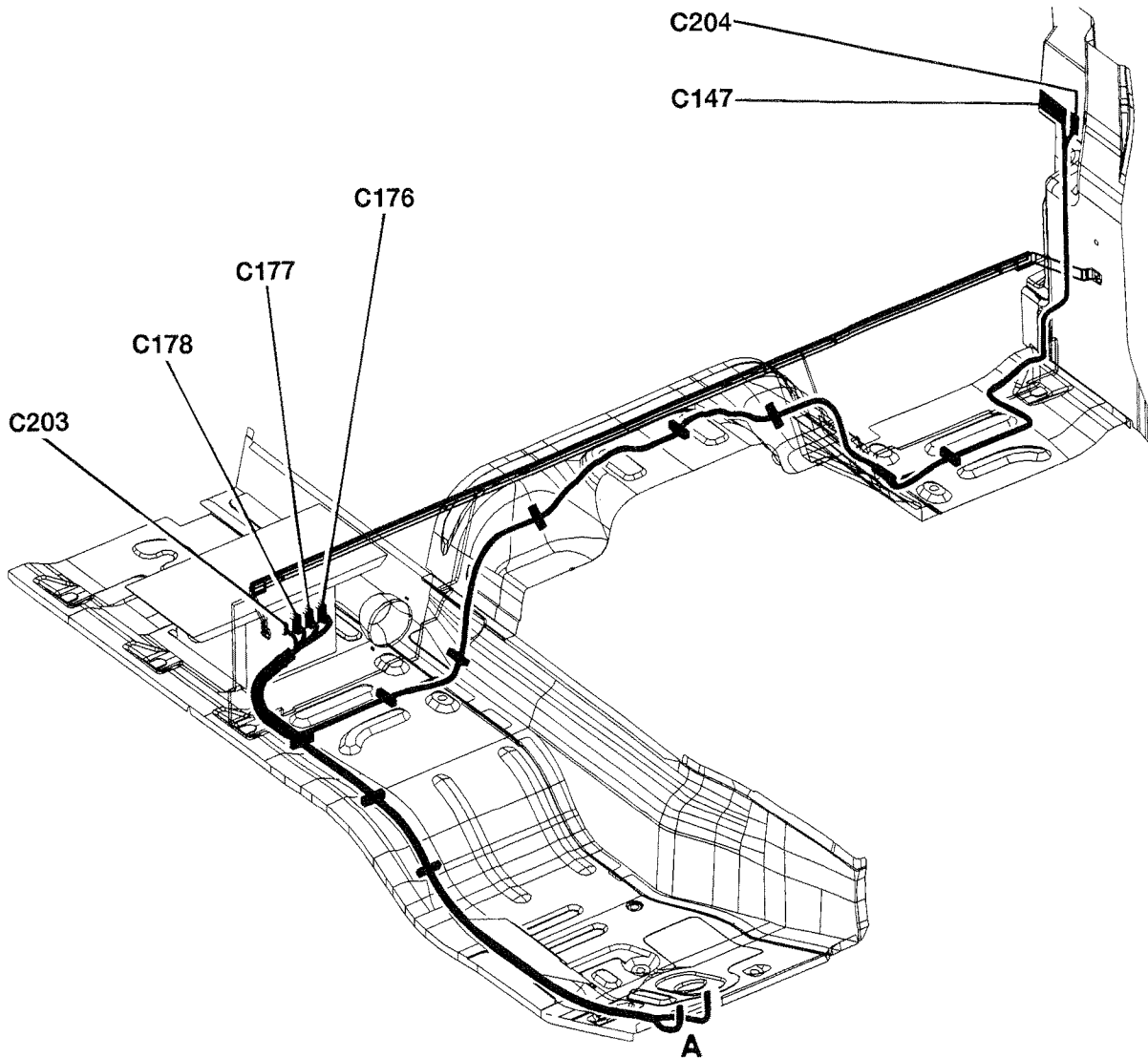
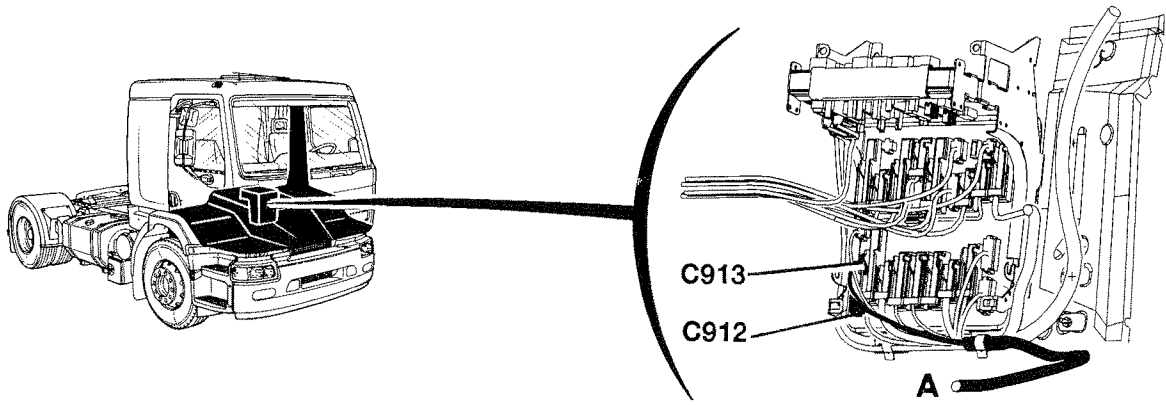
\*1

4222

70 0132A



**INDEPENDENT HEATER WIRING HARNESSES  
VENTILATION REGULATION (AIR CONDITIONING) WIRING HARNESSES**

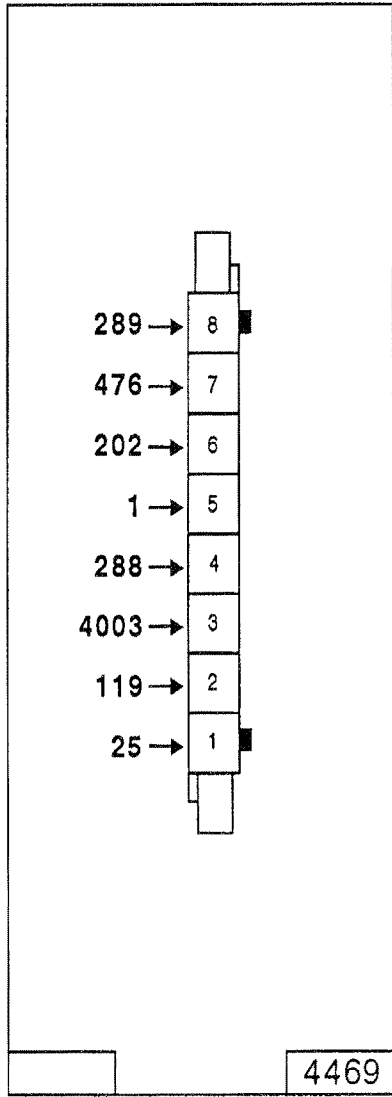


70 0112 A

Independent heater "AT2000" wiring harnesses

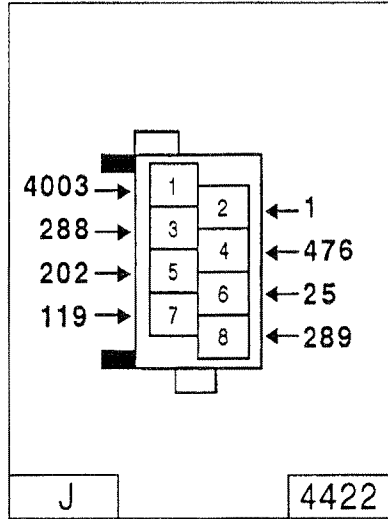
**Independent heater "AT2000" wiring harnesses**

<b>Connectors</b>	<b>Assignments</b>
<b>C147</b> .....	4469 – Independent heating timer control
<b>C176</b> .....	4422 – Independent heater "AT2000"
<b>C177</b> .....	4422 – Independent heater "AT2000"
<b>C178</b> .....	4422 – Independent heater "AT2000"
<b>C203</b> .....	4422 – Independent heater "AT2000"
<b>C204</b> .....	4487 – Temperature control unit



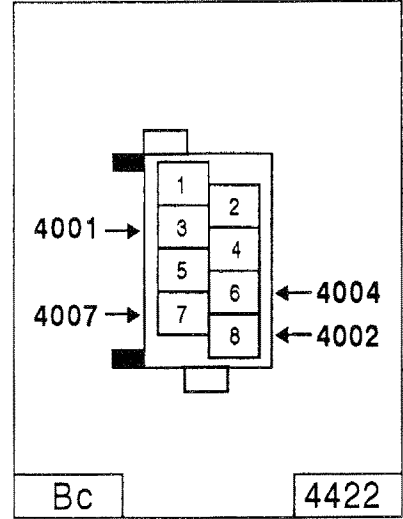
C147

4469



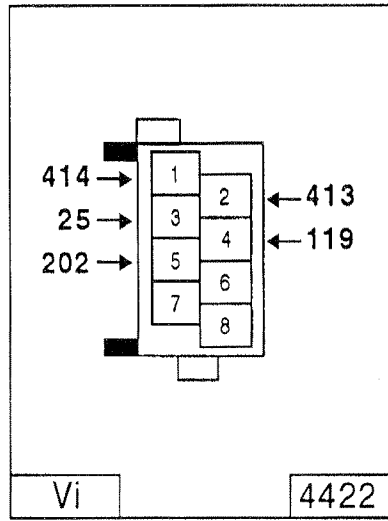
C176

4422



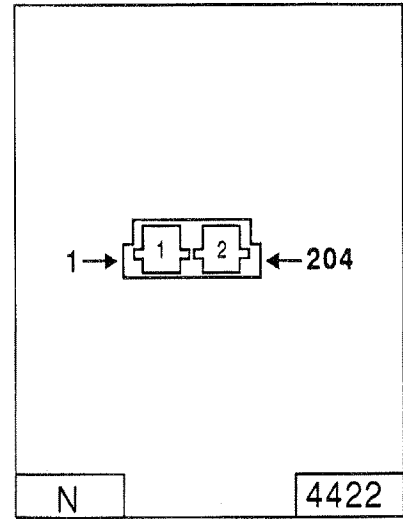
C177

4422



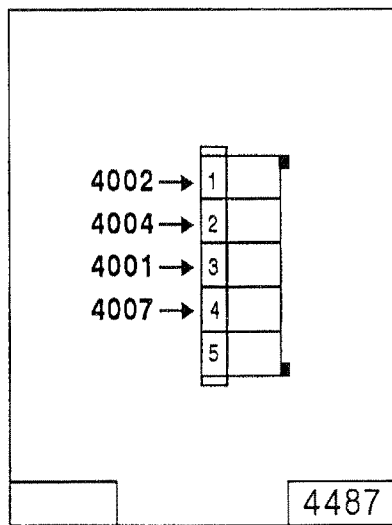
C178

4422



C203

4422

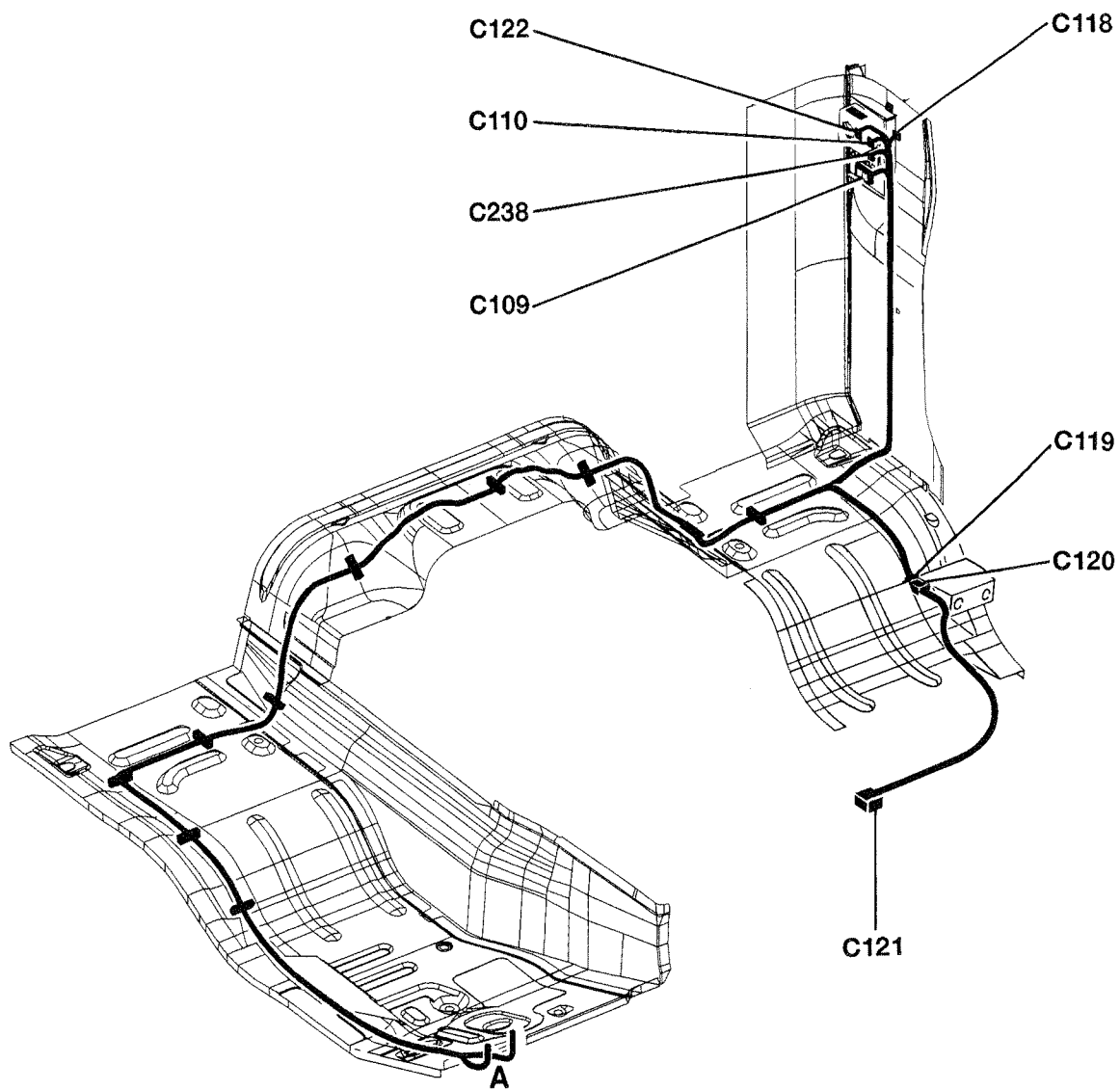
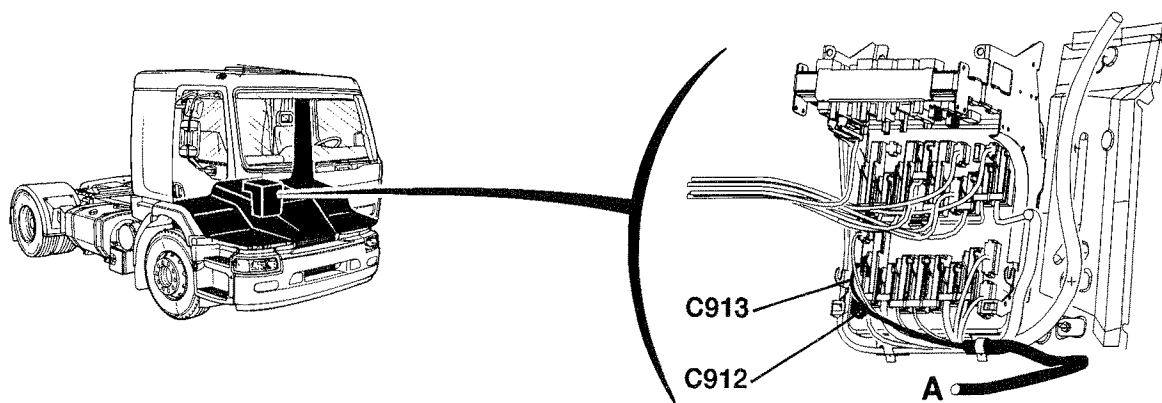


C204

4487

70 0113A





70 0114A

Independent heater "Thermo 90" wiring harnesses

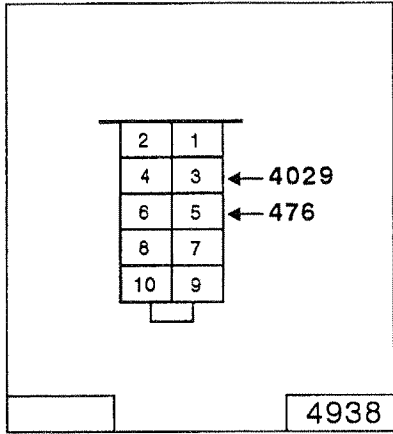
**Independent heater “Thermo 90” wiring harnesses****Ventilation regulation (air conditioning) wiring harnesses****Connectors****Assignments**

<b>C109</b> .....	4938 – Cooling circuit main solenoid valve control
<b>C110</b> .....	4470 – Interior temperature sensor
<b>C118</b> .....	4487 – Temperature control unit
<b>C121</b> .....	4403 – Ventilation control unit
<b>C122</b> .....	4937 – Independent heater relay
<b>C238</b> .....	4469 – Independent heating timer control

**Links between harnesses**

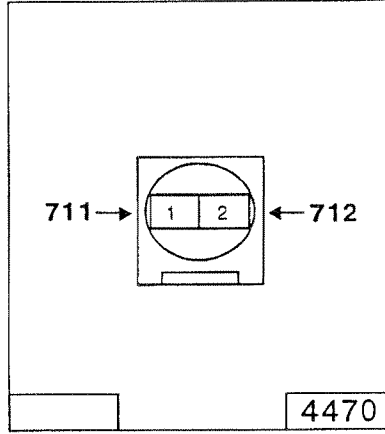
C119 → C120

C120 → C119



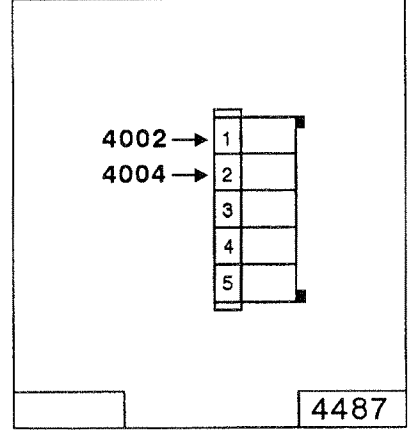
C109

4938



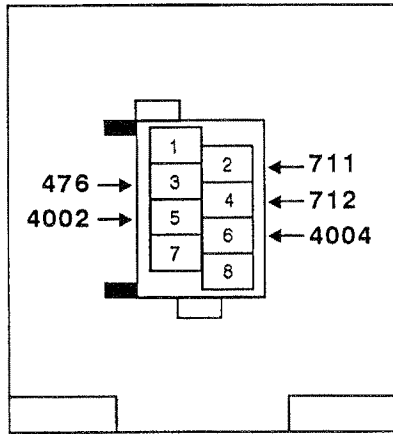
C110

4470

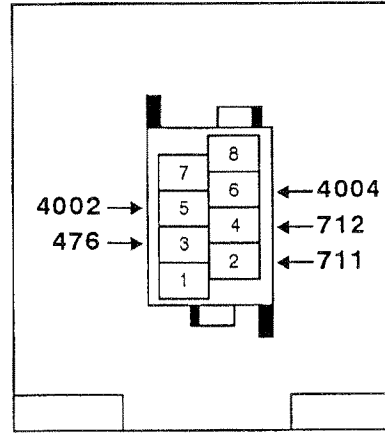


C118

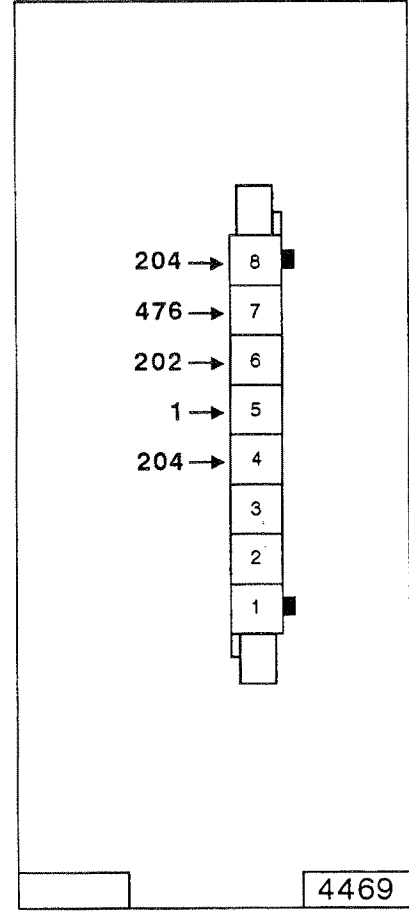
4487



C119



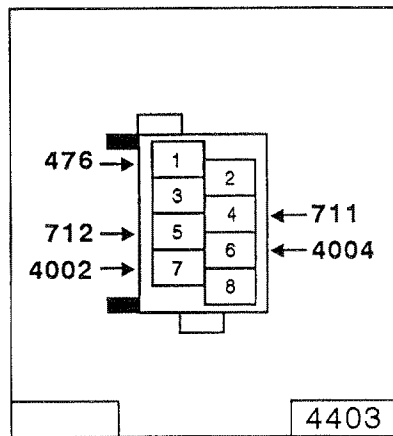
C120



C238

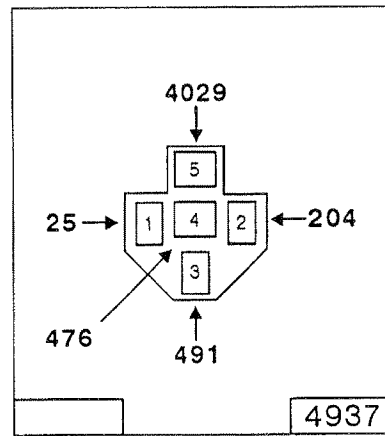
4469

70 0115B



C121

4403

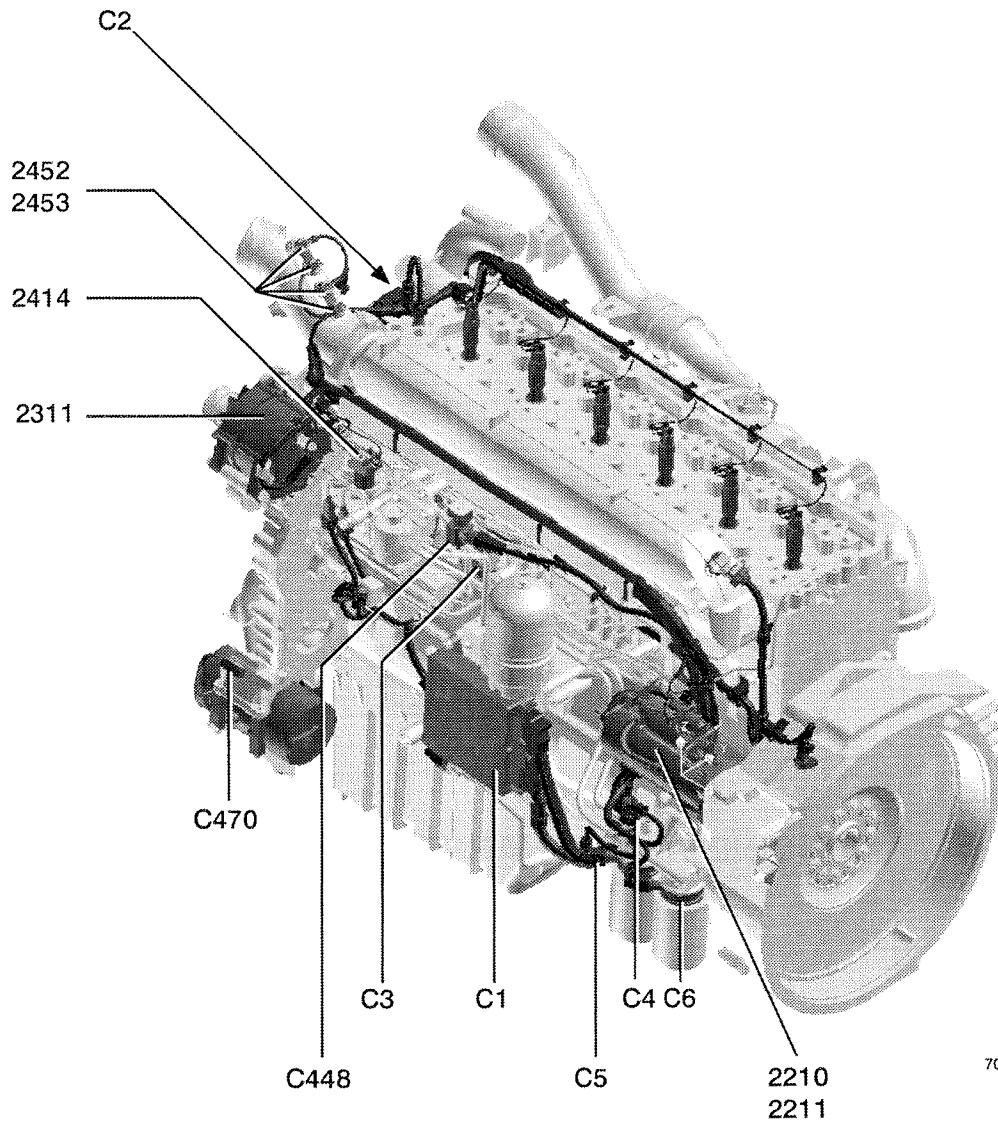


C122

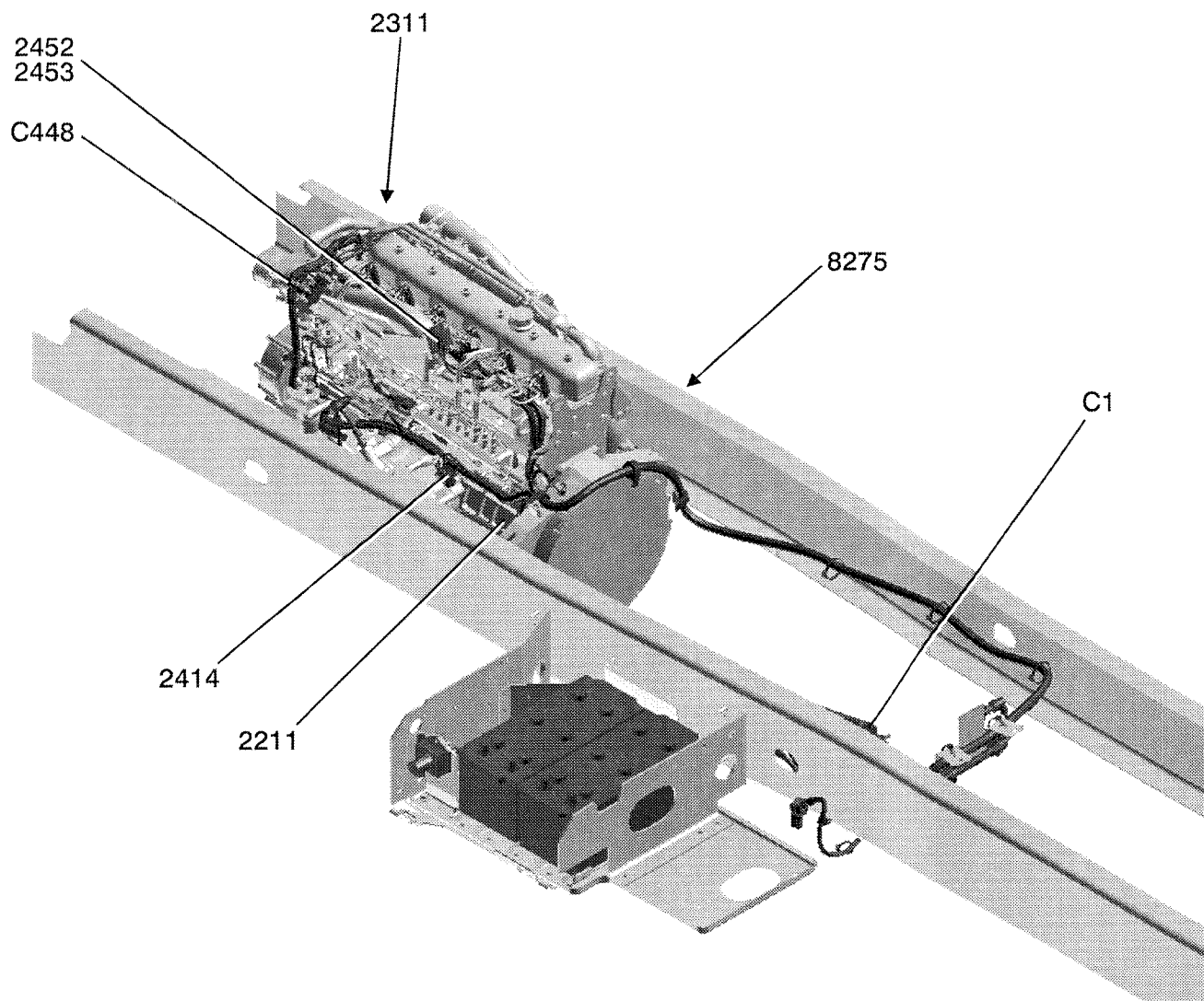
4937



**ENGINE WIRING HARNESSES**



706430

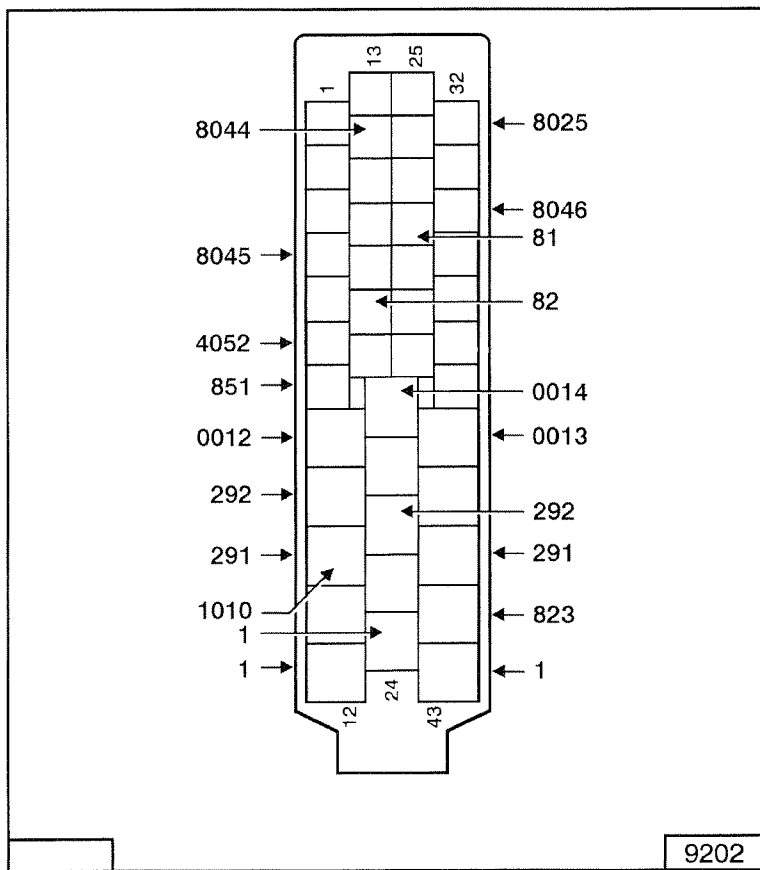


706429

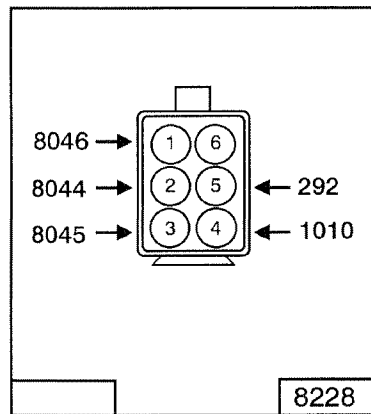
**wiring harnesses****Engine wiring harnesses**

<b>Connectors</b>	<b>Assignments</b>
C1 .....	9202 – Engine master ECU “EECU”
C2 .....	8228 – Variable drive fan
C3 .....	2266 – Engine stop control (cab tilted)
C4 .....	2464 – Fuel preheater thermal switch
C5 – C6 .....	2423 – Renault V.I. fuel preheater
C448 .....	8150 – Exhaust brake electrovalve
C470 .....	4512 – Air conditioning compressor
C820 .....	1229 – Connection unit
C2311 .....	2311 – Alternator
C2411 .....	2411 – Preheating resistor
C2210 .....	2210 – Starter with integrated relay

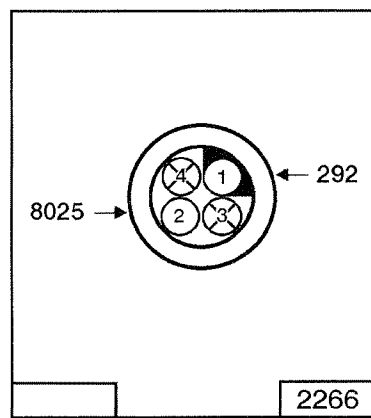
C804 .....	1229 – Connection unit
C17 .....	1229 – Connection unit
C819 .....	1229 – Connection unit



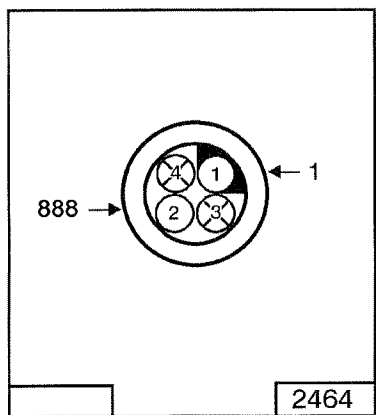
C1



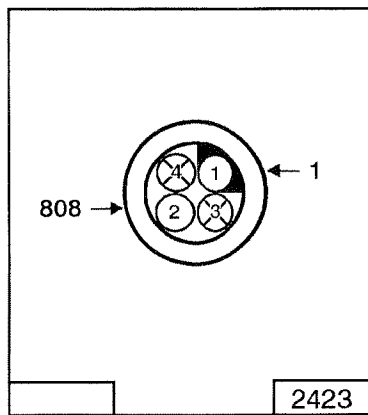
C2



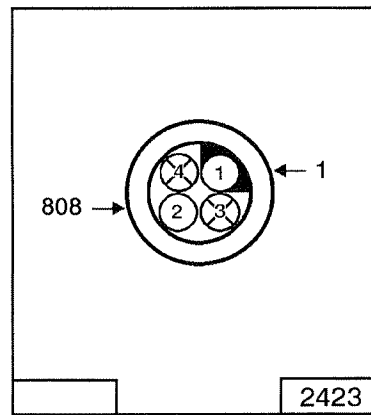
C3



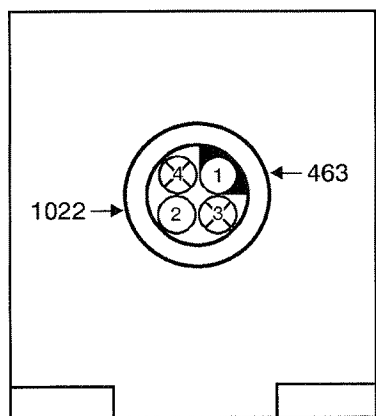
C4



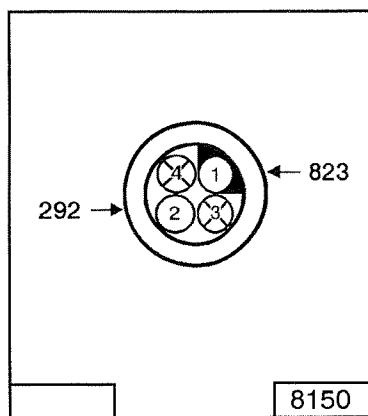
C5



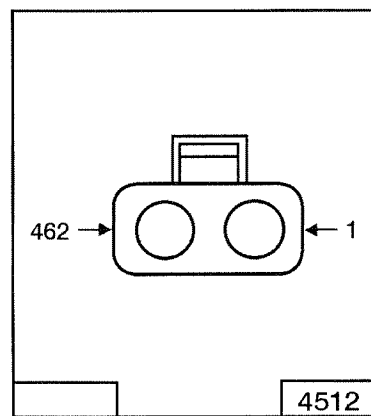
C6



C7

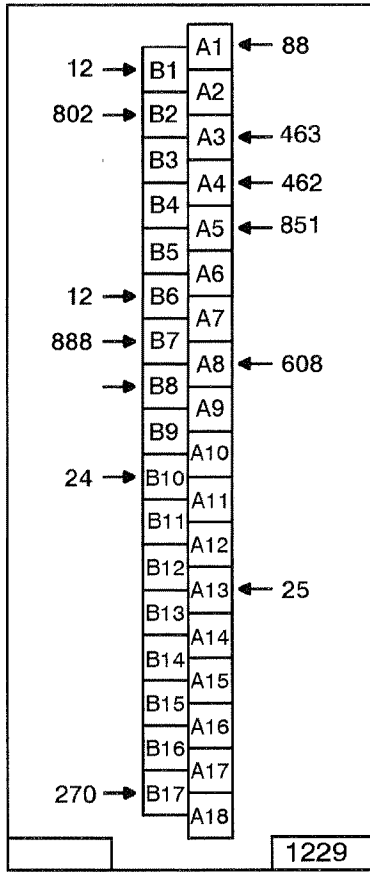


C448

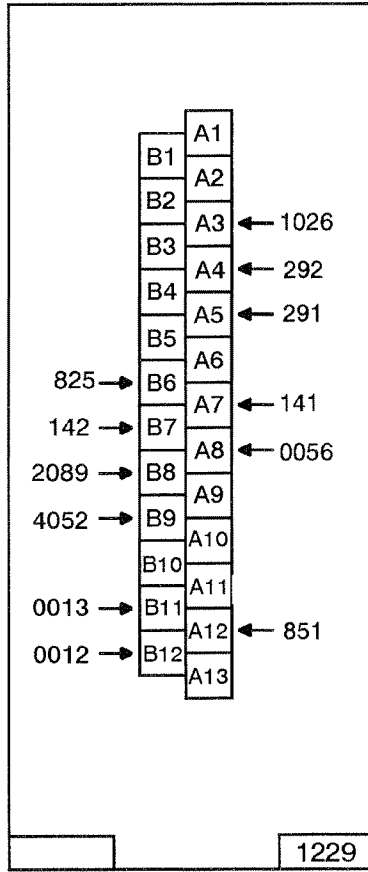


C470

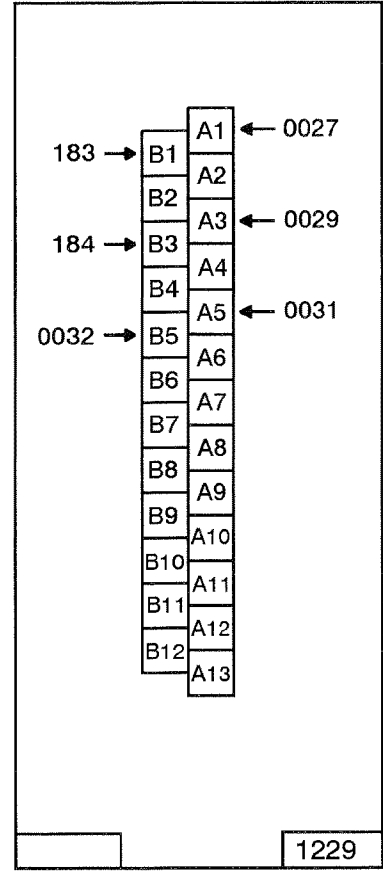
70 0919



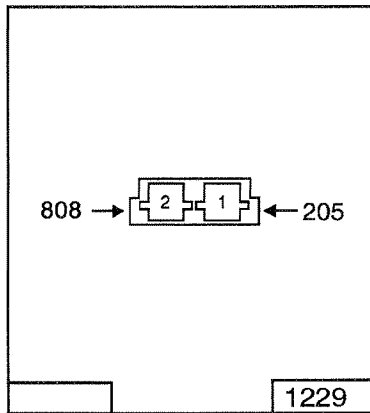
C804



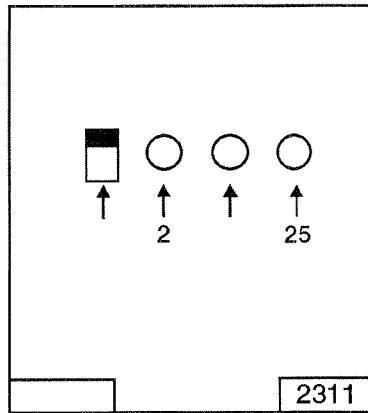
C817



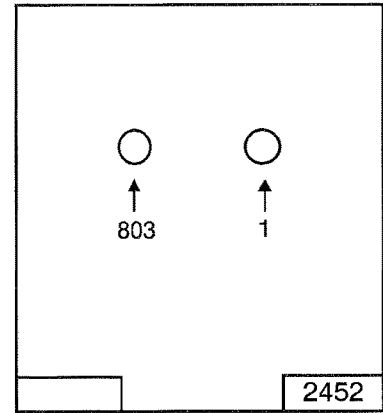
C819



C820

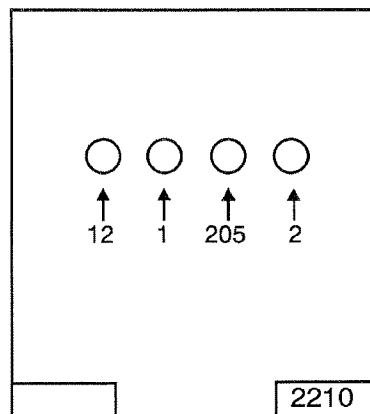


C2311

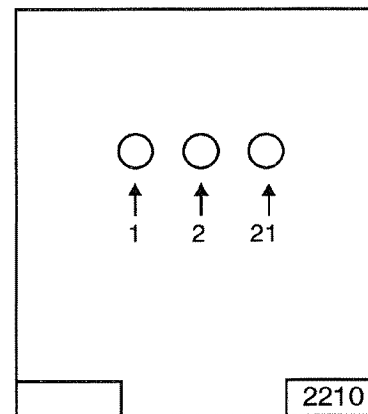


2452

70 0921



(1)

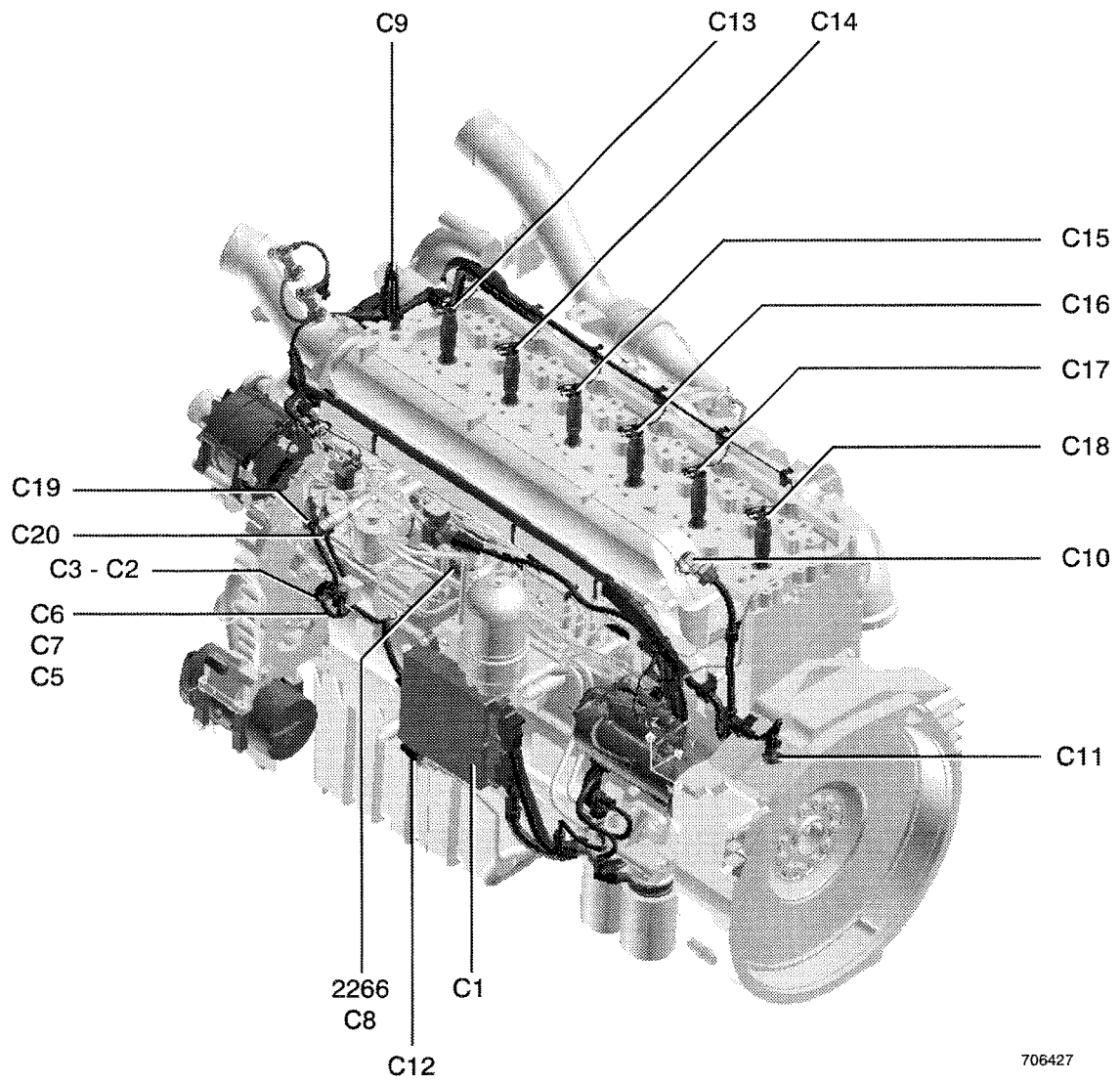


(2)

2210

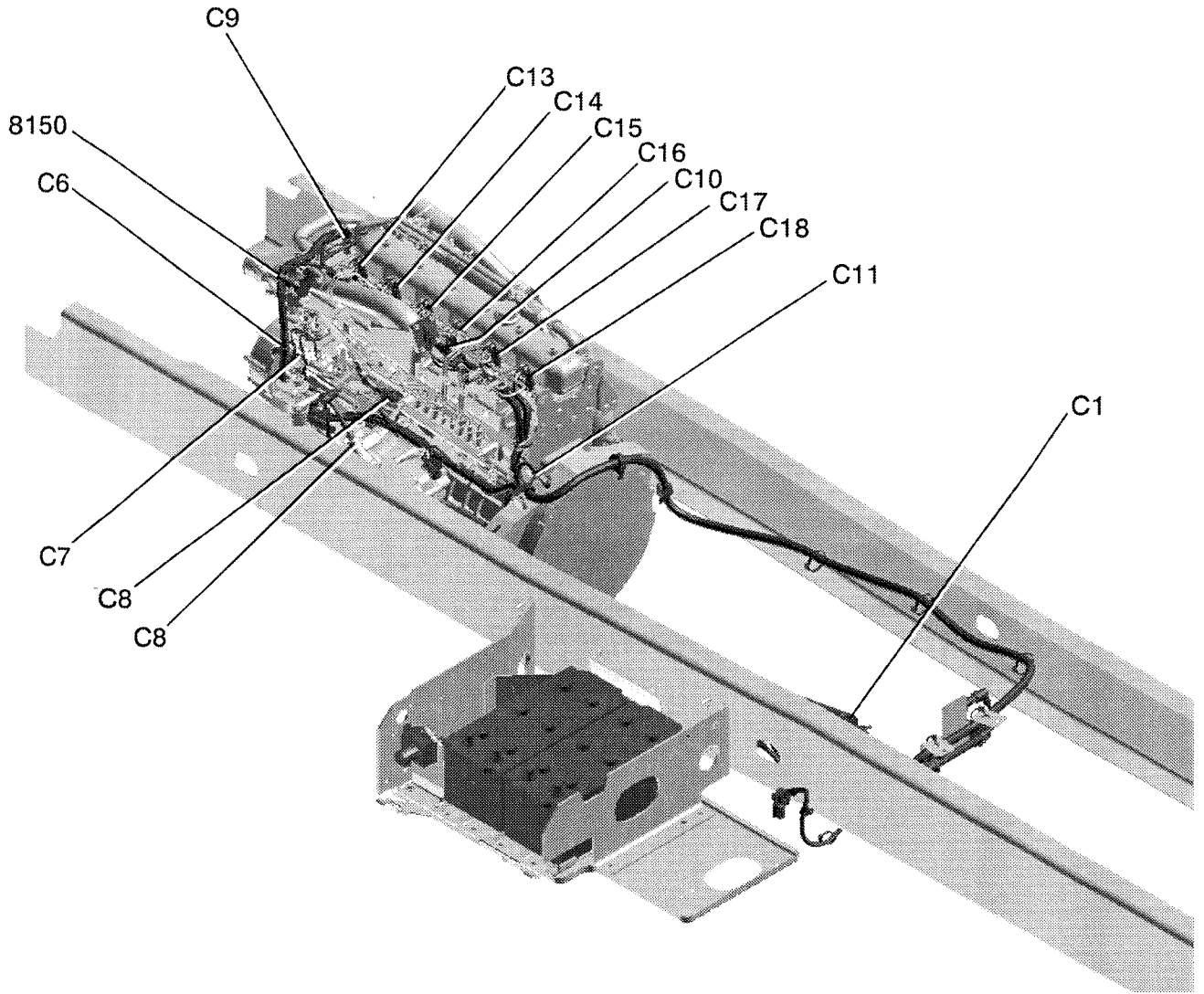
2210

**FUEL-INJECTION ELECTRONIC MANAGEMENT WIRING HARNESSES**



706427

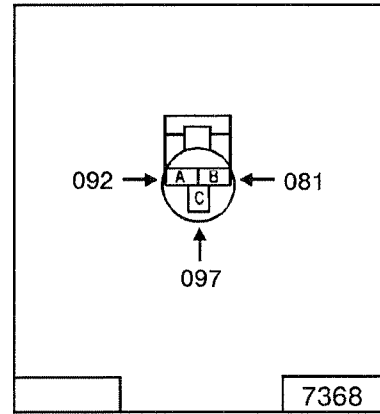
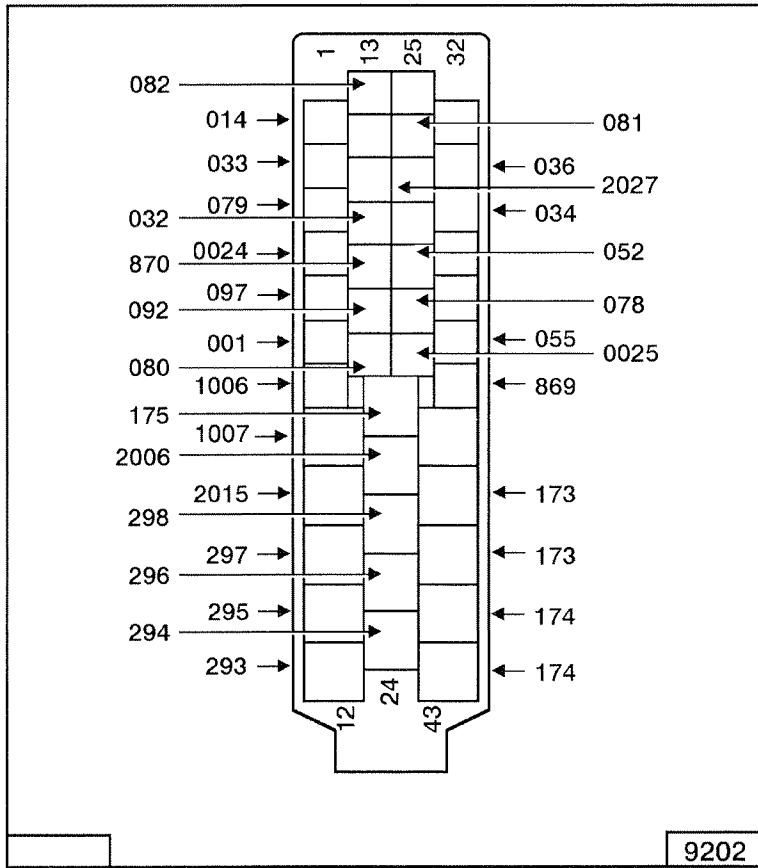




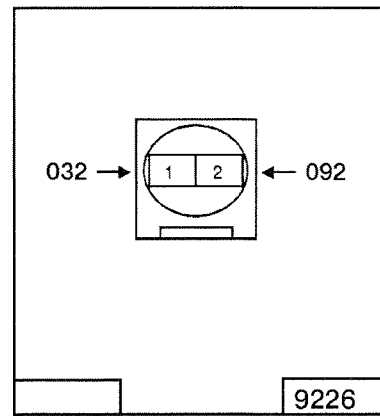
706428

**wiring harnesses****Electronic fuel-injection management wiring harnesses**

<b>Connectors</b>	<b>Assignments</b>
C1 .....	9202 – Engine master ECU “EECU”
C2 .....	7368 – Oil pressure sensor
C3 .....	9226 – Engine oil temperature sensor
C5 .....	9230 – Camshaft speed sensor
C6 .....	9212 – Cylinder solenoid valve high pressure pump
C7 .....	9213 – Cylinder solenoid valve high pressure pump
C8 .....	9208 – Fuel high pressure sensor
C9 .....	7362 – Coolant temperature sensor
C10 .....	9200 – Boost air temperature and pressure sensor
C11 .....	8261 – Engine speed sensor
C12 .....	8275 – Engine oil level sensor
C13 .....	9225 – Injection control solenoid valve N° 6
C14 .....	9224 – Injection control solenoid valve N° 5
C16 .....	9223 – Injection control solenoid valve N° 4
C16 .....	9222 – Injection control solenoid valve N° 3
C17 .....	9221 – Injection control solenoid valve N° 2
C18 .....	9220 – Injection control solenoid valve N° 1
C19 .....	7940 – Jake engine-brake solenoid valve N° 1
C20 .....	7941 – Jake engine-brake solenoid valve N° 2

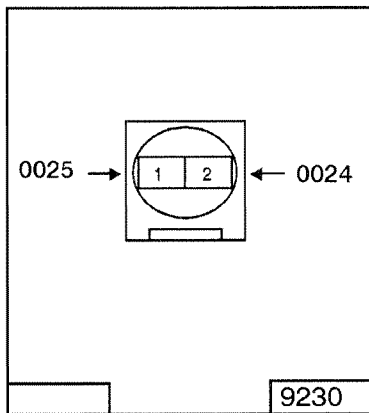


C2

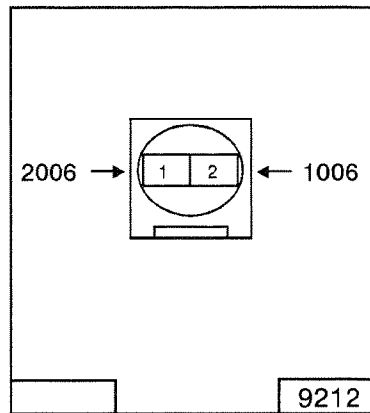


C3

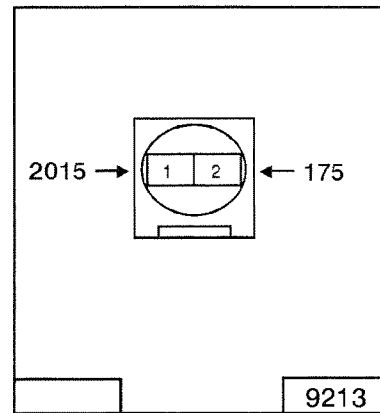
C1



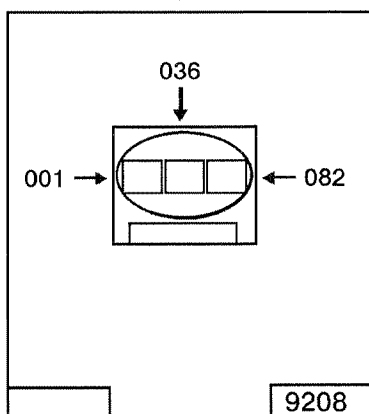
C5



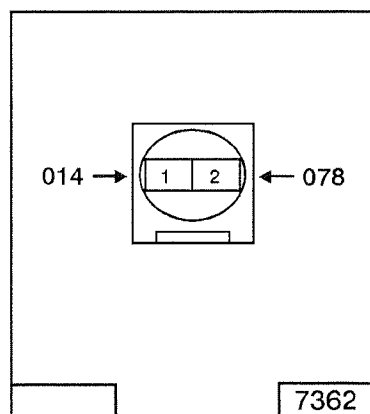
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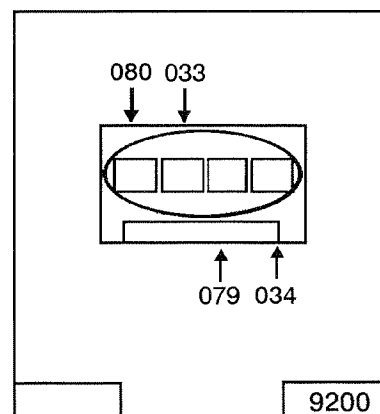
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C8

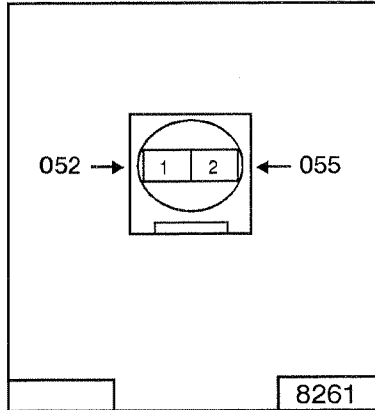


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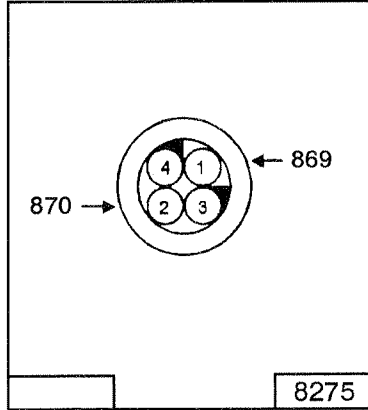


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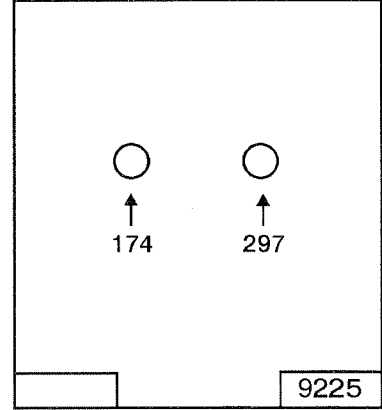
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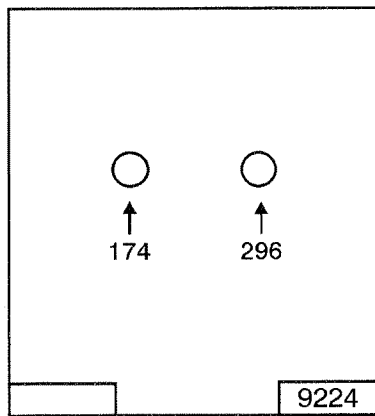
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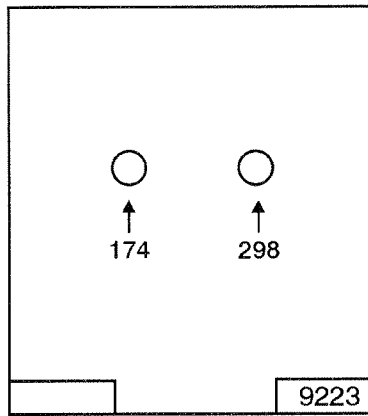
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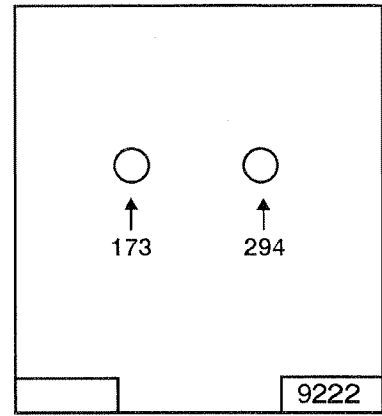
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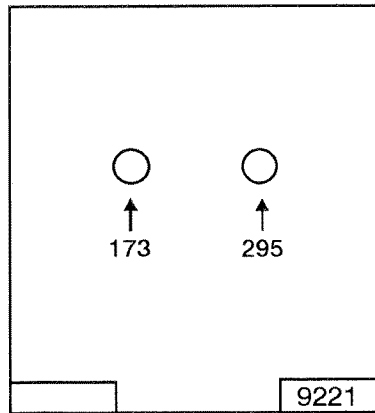
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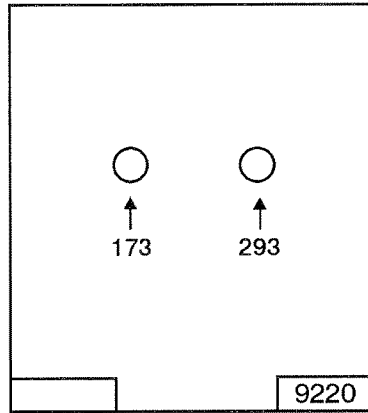
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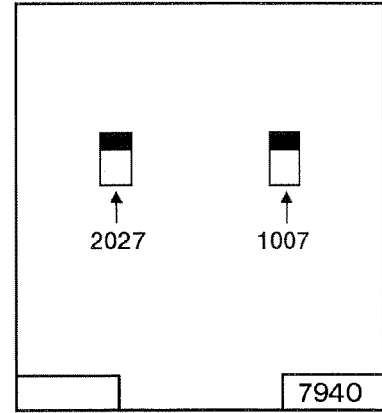
C16



C17

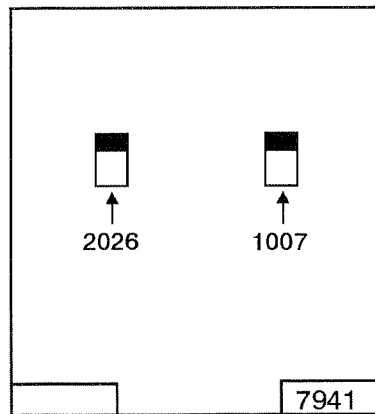


C18



C19

70 0923



C20